

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005014.D
 Acq On : 28 Mar 2019 02:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 28 04:03:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9542	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38677	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	20226	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	42642	20.00	ng	0.00
76) Chrysene-d12	21.27	240	47875	20.00	ng	0.00
87) Perylene-d12	23.50	264	54126	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	43283	78.42	ng	0.00
7) Phenol-d6	6.85	99	54603	74.59	ng	0.00
23) Nitrobenzene-d5	8.84	82	50919	79.64	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	24982	76.58	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	126425	82.83	ng	0.00
79) Terphenyl-d14	19.70	244	177450	71.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	8084	40.194	ng	98
3) Pyridine	3.60	79	22545	40.112	ng	100
4) n-Nitrosodimethylamine	3.53	42	7067	38.568	ng	99
6) Aniline	7.02	93	34253	36.745	ng	100
8) 2-Chlorophenol	7.24	128	26783	38.227	ng	99
9) Benzaldehyde	6.83	77	17322	41.180	ng	98
10) Phenol	6.88	94	29398	37.478	ng	100
11) bis(2-Chloroethyl)ether	7.11	93	22621	37.293	ng	98
12) 1,3-Dichlorobenzene	7.56	146	29285	38.364	ng	100
13) 1,4-Dichlorobenzene	7.71	146	29877	38.667	ng	99
14) 1,2-Dichlorobenzene	8.02	146	28527	38.578	ng	98
15) Benzyl Alcohol	7.92	79	19878	35.693	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26942	36.815	ng	99
17) 2-Methylphenol	8.12	107	20101	36.759	ng	99
18) Hexachloroethane	8.73	117	10468	38.222	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	17138	35.713	ng	99
20) 3+4-Methylphenols	8.45	107	26758	36.039	ng	100
22) Acetophenone	8.50	105	35012	39.656	ng	99
24) Nitrobenzene	8.88	77	25732	39.767	ng	99
25) Isophorone	9.39	82	46295	37.167	ng	99
26) 2-Nitrophenol	9.59	139	14646	38.981	ng	99
27) 2,4-Dimethylphenol	9.64	122	20224	38.662	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	29814	38.632	ng	99
29) 2,4-Dichlorophenol	10.11	162	23480	39.055	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	26961	40.711	ng	99
31) Naphthalene	10.51	128	79980	39.635	ng	100
32) Benzoic acid	9.80	122	12622	32.056	ng	99
33) 4-Chloroaniline	10.63	127	31517	38.388	ng	99
34) Hexachlorobutadiene	10.77	225	17416	40.643	ng	98
35) Caprolactam	11.42	113	6957	35.341	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	23840	36.707	ng	100
37) 2-Methylnaphthalene	12.13	142	54552	38.283	ng	100
38) 1-Methylnaphthalene	12.35	142	53092	38.077	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	29778	41.508	ng	100

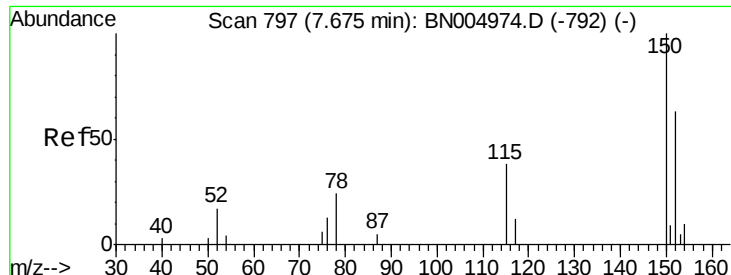
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005014.D
 Acq On : 28 Mar 2019 02:59
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC0040EC

Quant Time: Mar 28 04:03:21 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	15608	40.779	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	17823	40.039	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	19160	39.509	ng	100
46) 1,1'-Biphenyl	13.15	154	70153	40.981	ng	99
47) 2-Chloronaphthalene	13.19	162	53438	40.679	ng	99
48) 2-Nitroaniline	13.42	65	13415	38.362	ng	98
49) Acenaphthylene	14.05	152	88515	40.062	ng	100
50) Dimethylphthalate	13.79	163	64151	38.605	ng	99
51) 2,6-Dinitrotoluene	13.92	165	14658	38.765	ng	97
52) Acenaphthene	14.39	154	49477	39.808	ng	98
53) 3-Nitroaniline	14.25	138	14289	36.974	ng	99
54) 2,4-Dinitrophenol	14.46	184	7068	35.725	ng	98
55) Dibenzofuran	14.72	168	78209	39.544	ng	100
56) 4-Nitrophenol	14.56	139	11123	36.535	ng	99
57) 2,4-Dinitrotoluene	14.70	165	19795	38.521	ng	99
58) Fluorene	15.37	166	62888	39.363	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17205	38.264	ng	# 100
60) Diethylphthalate	15.15	149	62578	37.739	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	32526	39.464	ng	99
62) 4-Nitroaniline	15.42	138	14734	37.945	ng	99
63) Azobenzene	15.66	77	52765	38.226	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	10699	38.026	ng	100
66) n-Nitrosodiphenylamine	15.59	169	53290	39.674	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	20968	39.404	ng	98
68) Hexachlorobenzene	16.37	284	24778	39.745	ng	99
69) Atrazine	16.54	200	18600	38.759	ng	99
70) Pentachlorophenol	16.72	266	12097	36.905	ng	98
71) Phenanthrene	17.12	178	95059	39.674	ng	100
72) Anthracene	17.20	178	95248	39.938	ng	99
73) Carbazole	17.48	167	86499	39.847	ng	100
74) Di-n-butylphthalate	18.03	149	100143	37.870	ng	100
75) Fluoranthene	19.13	202	110066	40.267	ng	99
77) Benzidine	19.33	184	51942	34.813	ng	100
78) Pyrene	19.50	202	112464	35.181	ng	99
80) Butylbenzylphthalate	20.40	149	45070	34.698	ng	99
81) Benzo(a)anthracene	21.25	228	115896	38.863	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	45435	40.743	ng	99
83) Chrysene	21.30	228	111833	39.261	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	65411	36.396	ng	99
85) Di-n-octyl phthalate	22.04	149	113976	39.297	ng	99
86) Indeno(1,2,3-cd)pyrene	25.77	276	159399	49.257	ng	100
88) Benzo(b)fluoranthene	22.83	252	125060	37.537	ng	99
89) Benzo(k)fluoranthene	22.87	252	119580	39.140	ng	99
90) Benzo(a)pyrene	23.40	252	119439	39.176	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	131357	42.917	ng	99
92) Benzo(g,h,i)perylene	26.46	276	129722	42.856	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

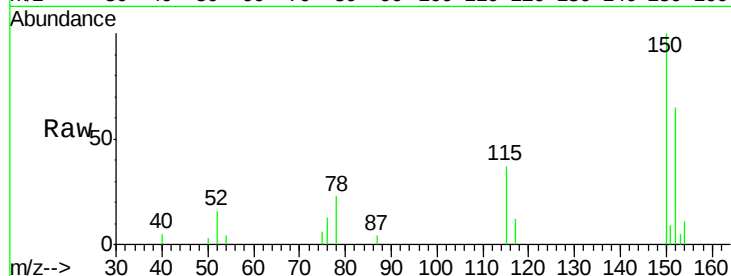


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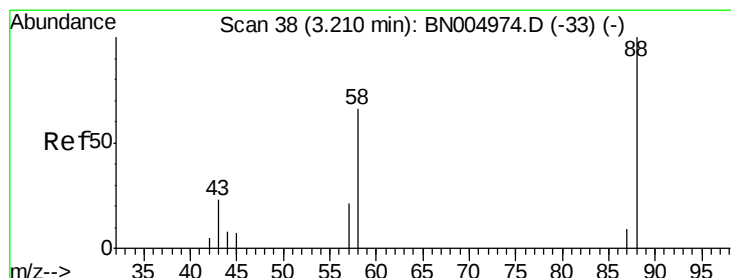
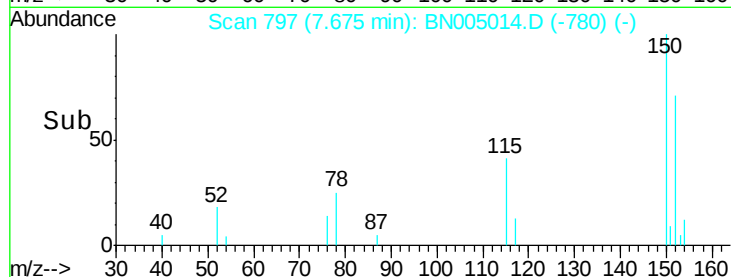
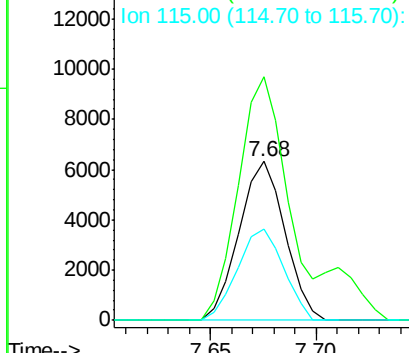
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 9542
Ion Ratio Lower Upper
152 100
150 153.6 126.9 190.3
115 57.4 47.8 71.6



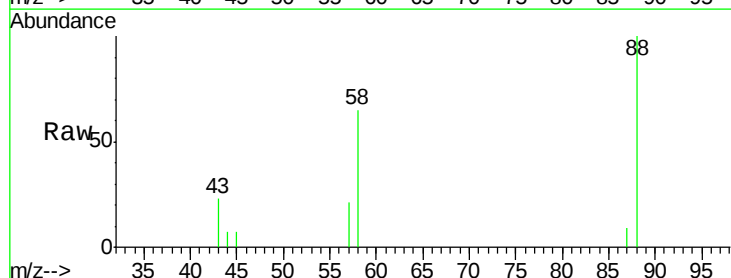
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



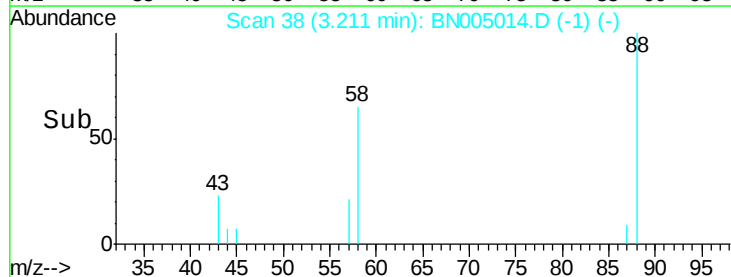
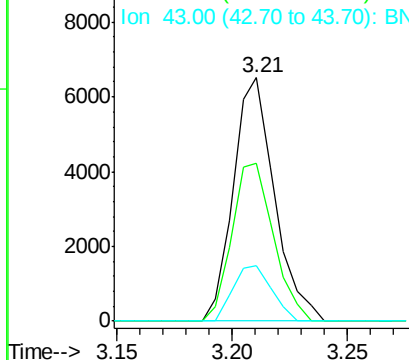
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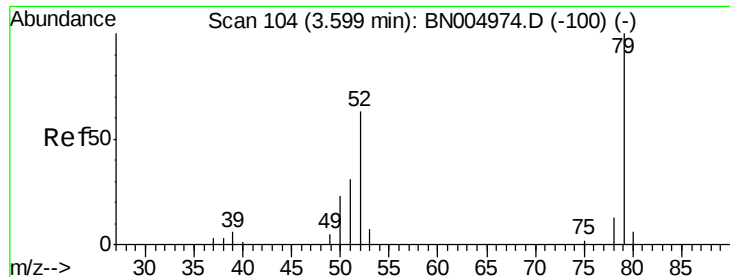
1,4-Dioxane
Concen: 40.194 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion: 88 Resp: 8084
Ion Ratio Lower Upper
88 100
58 65.5 51.0 76.6
43 21.2 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC

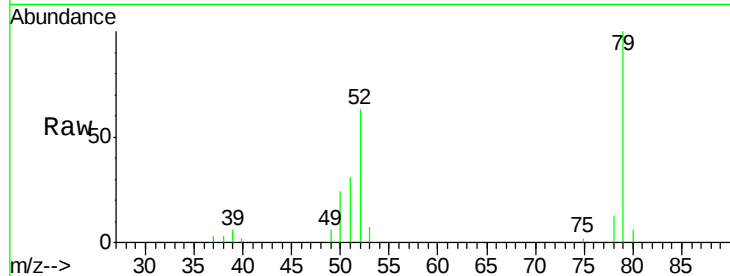




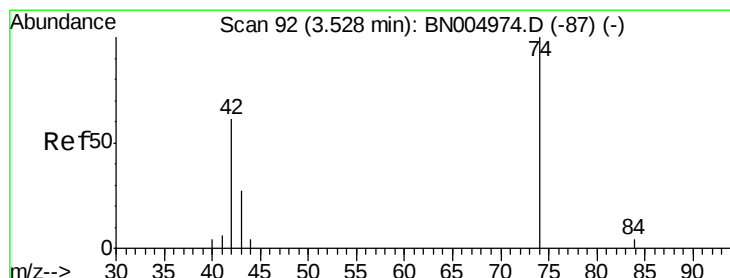
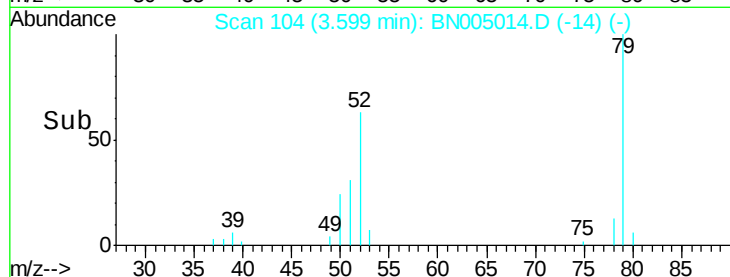
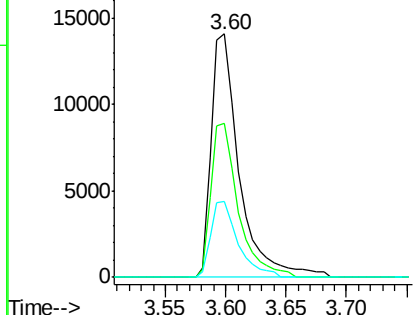
#3
 Pvridine
 Concen: 40.112 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 79 Resp: 22545
 Ion Ratio Lower Upper
 79 100
 52 63.2 50.2 75.4
 51 31.4 25.0 37.4

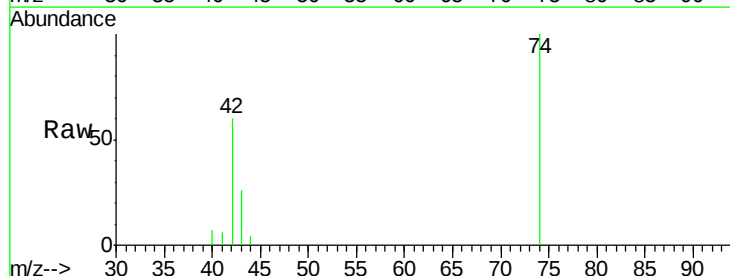


Abundance Ion 79.00 (78.70 to 79.70): BNC
 Ion 52.00 (51.70 to 52.70): BNC
 Ion 51.00 (50.70 to 51.70): BNC

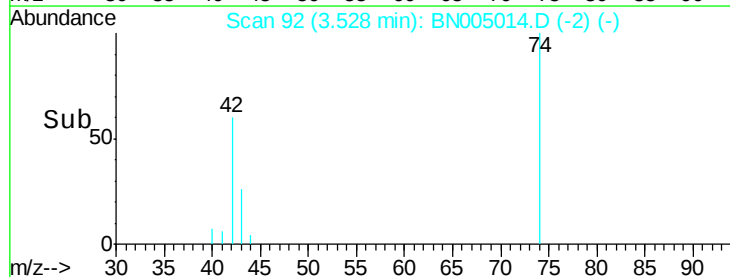
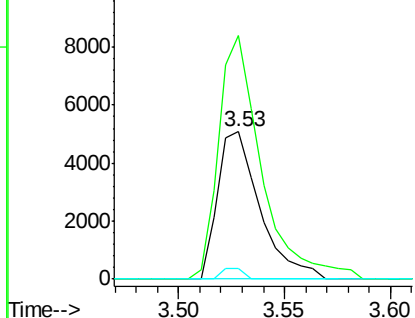


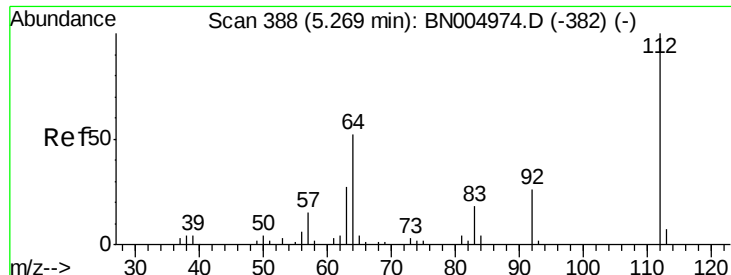
#4
 n-Nitrosodimethylamine
 Concen: 38.568 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion: 42 Resp: 7067
 Ion Ratio Lower Upper
 42 100
 74 165.5 130.8 196.2
 44 7.0 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 78.424 ng

RT: 5.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

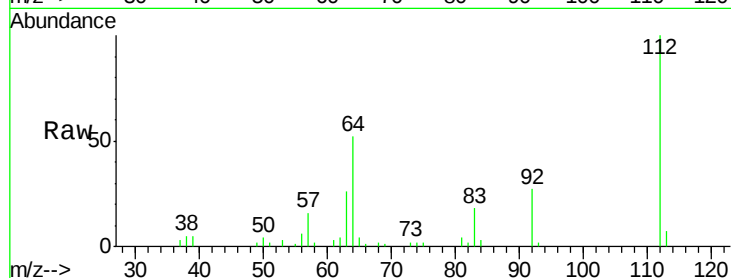
Tot Ion:112 Resp: 43283

Ion Ratio Lower Upper

112 100

64 52.5 41.9 62.9

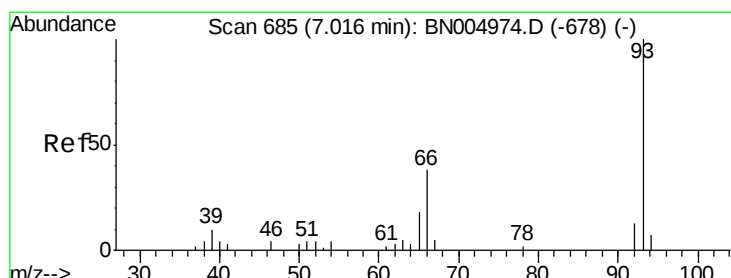
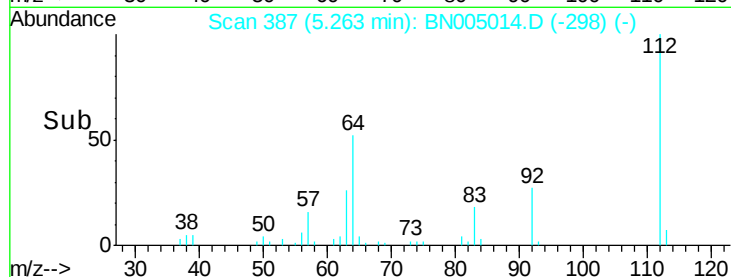
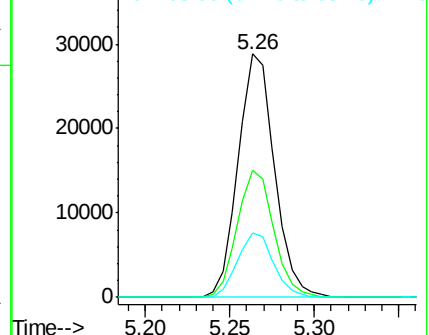
63 26.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 36.745 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

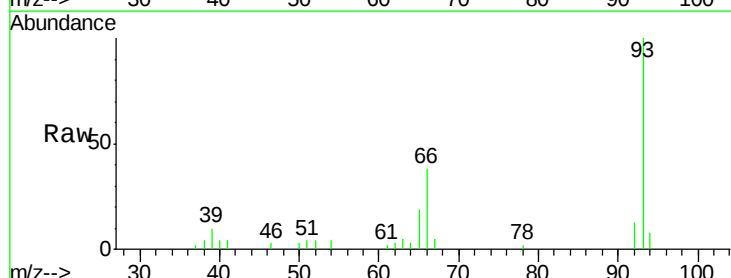
Tgt Ion: 93 Resp: 34253

Ion Ratio Lower Upper

93 100

66 37.9 30.2 45.4

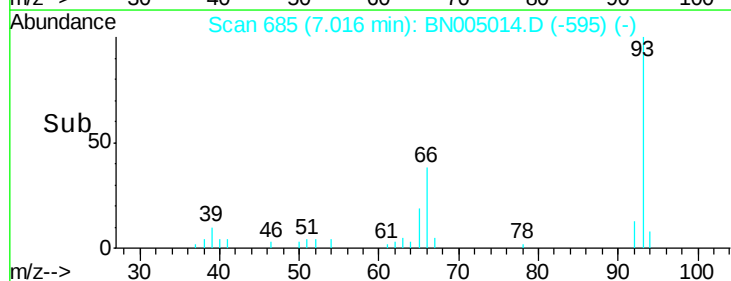
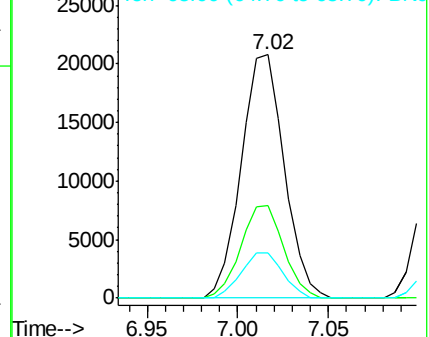
65 18.8 14.7 22.1

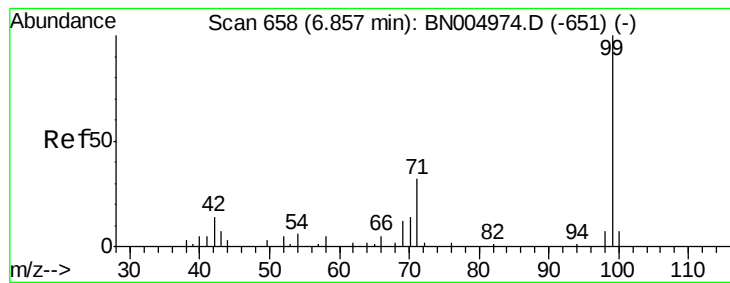


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 74.592 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

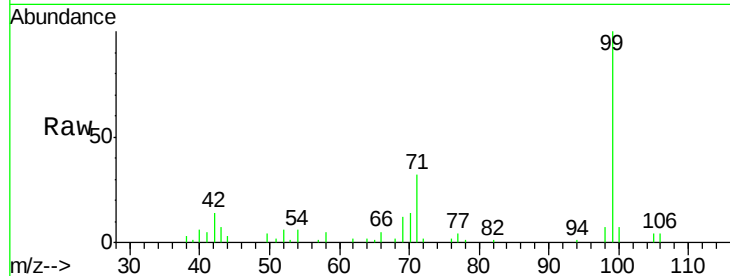
Tot Ion: 99 Resp: 54603

Ion Ratio Lower Upper

99 100

42 14.5 11.4 17.0

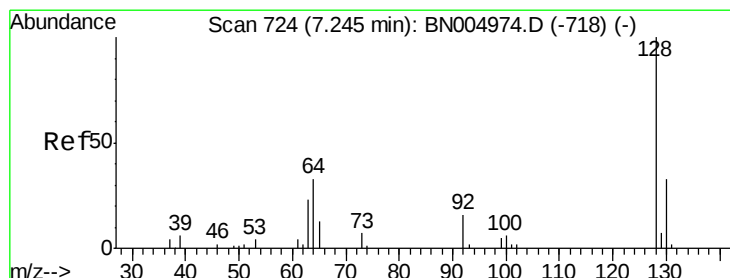
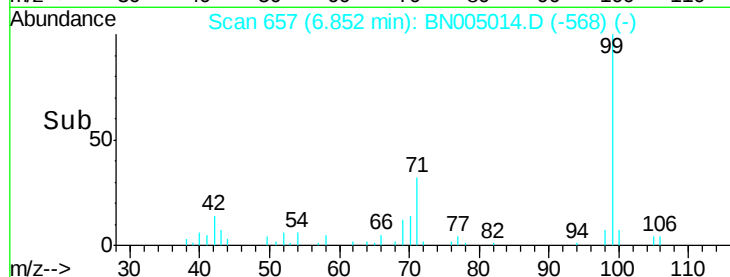
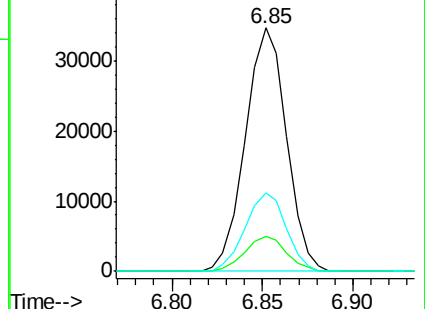
71 32.3 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#8

2-Chlorophenol

Concen: 38.227 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

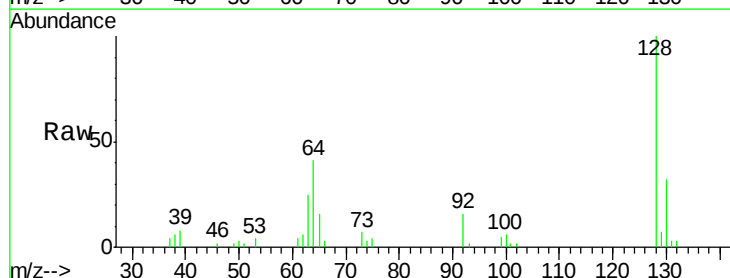
Tgt Ion: 128 Resp: 26783

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

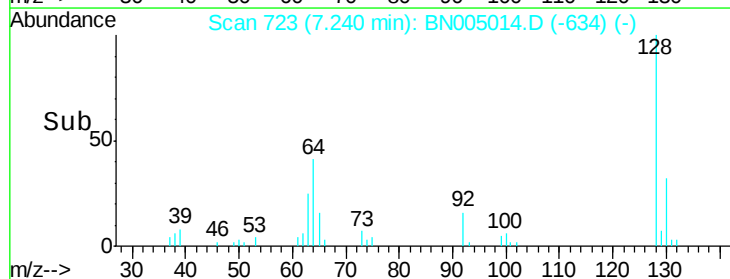
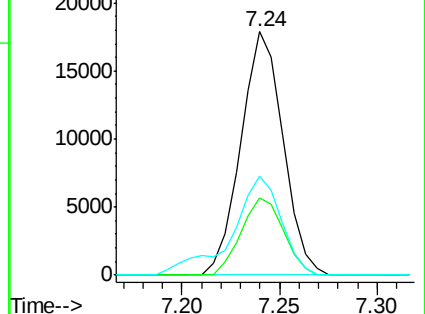
64 40.6 19.9 59.9

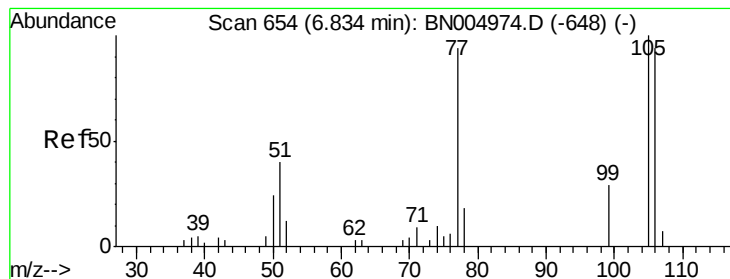


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)





#9

Benzaldehyde

Concen: 41.180 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

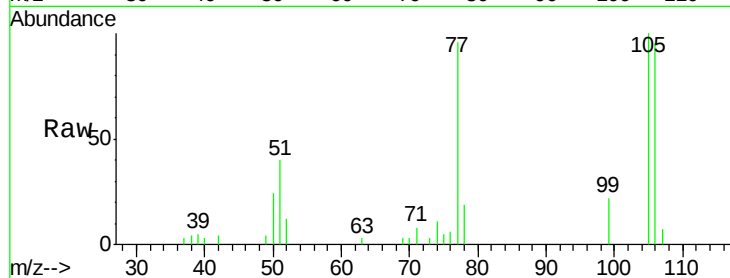
Tot Ion: 77 Resp: 17322

Ion Ratio Lower Upper

77 100

105 103.9 86.1 126.1

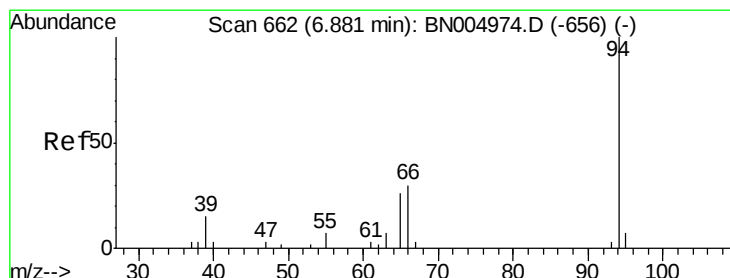
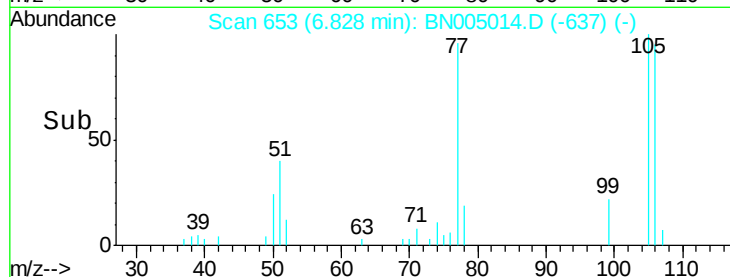
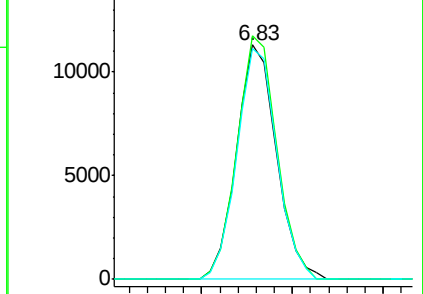
106 98.4 79.9 119.9



Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-648) (-)

Ion 105.00 (104.70 to 105.70): BN004974.D (-648) (-)

Ion 106.00 (105.70 to 106.70): BN004974.D (-648) (-)



#10

Phenol

Concen: 37.478 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

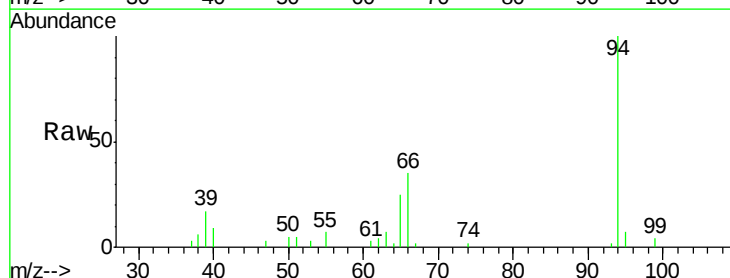
Tgt Ion: 94 Resp: 29398

Ion Ratio Lower Upper

94 100

65 25.5 5.7 45.7

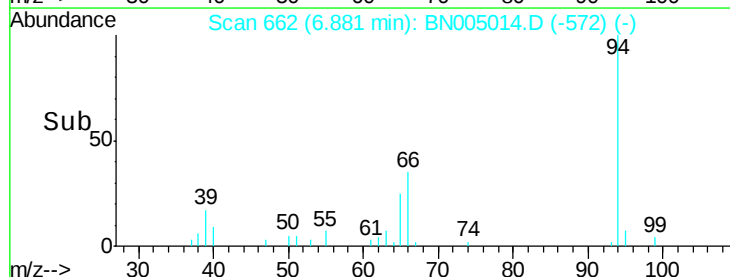
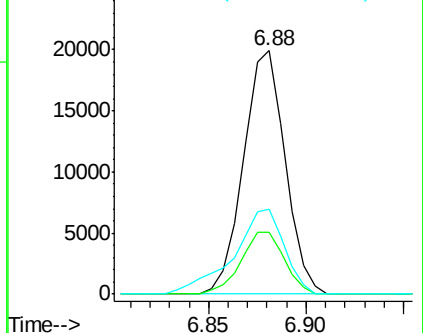
66 34.8 14.8 54.8

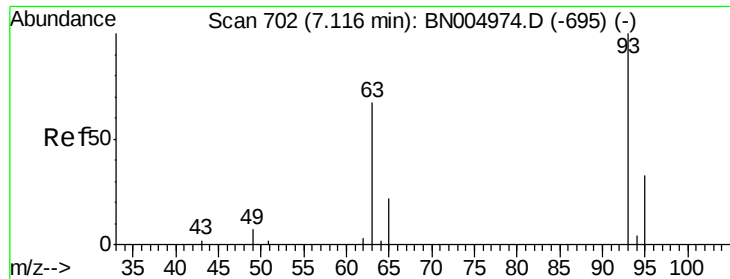


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN004974.D (-656) (-)





#11

bis(2-Chloroethyl)ether

Concen: 37.293 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

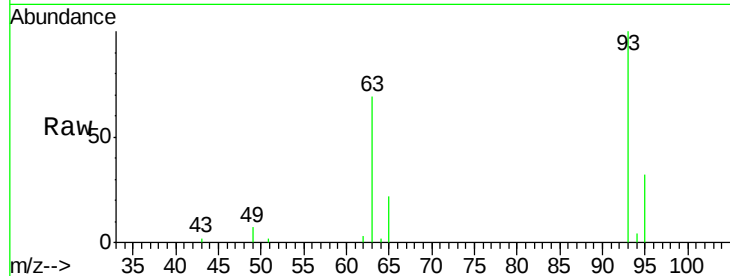
Tot Ion: 93 Resp: 22621

Ion Ratio Lower Upper

93 100

63 69.0 47.0 87.0

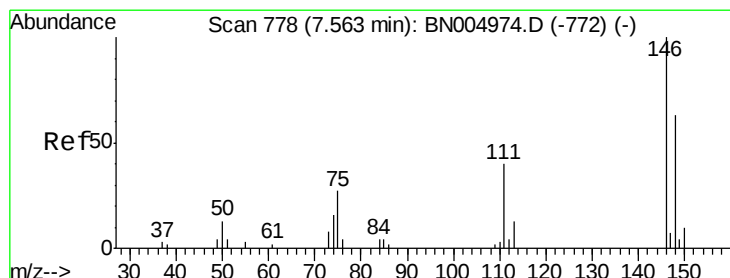
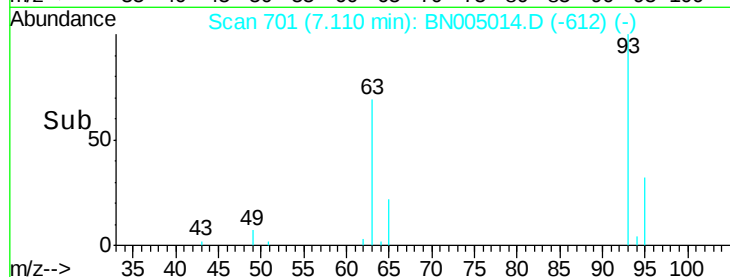
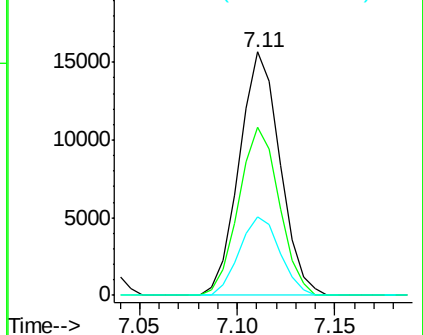
95 32.4 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BN004974.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BN004974.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 38.364 ng

RT: 7.56 min Scan# 778

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

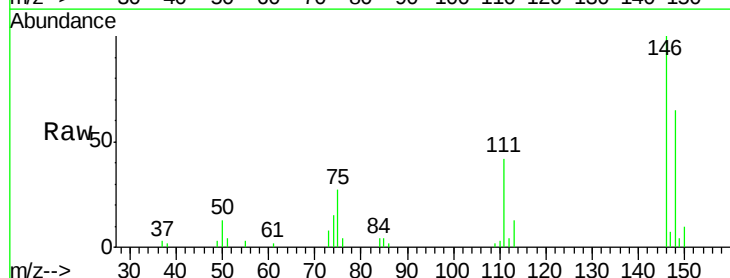
Tgt Ion: 146 Resp: 29285

Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

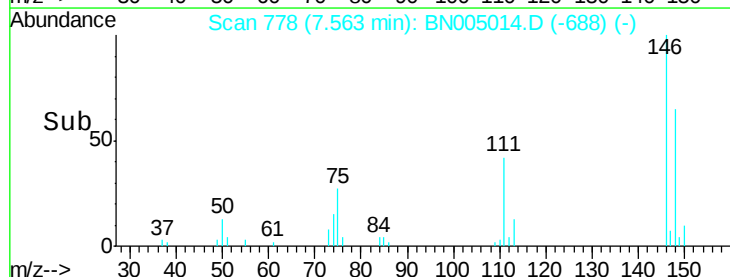
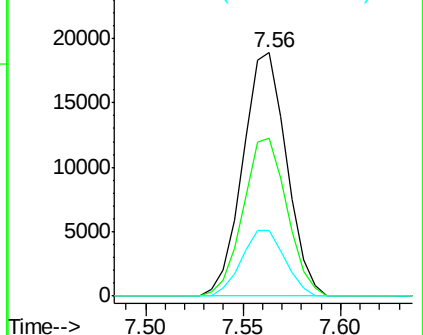
75 26.8 22.0 33.0

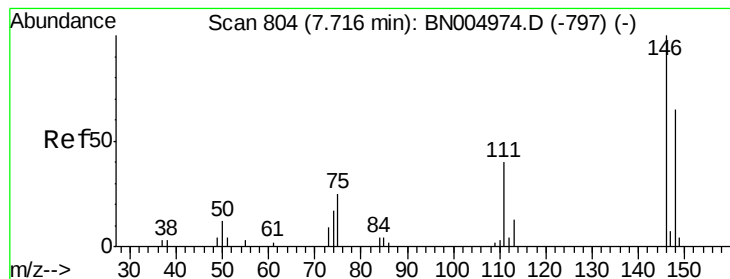


Abundance Ion 146.00 (145.70 to 146.70): BN004974.D (-772) (-)

Ion 148.00 (147.70 to 148.70): BN004974.D (-772) (-)

Ion 75.00 (74.70 to 75.70): BN004974.D (-772) (-)





#13

1,4-Dichlorobenzene

Concen: 38.667 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

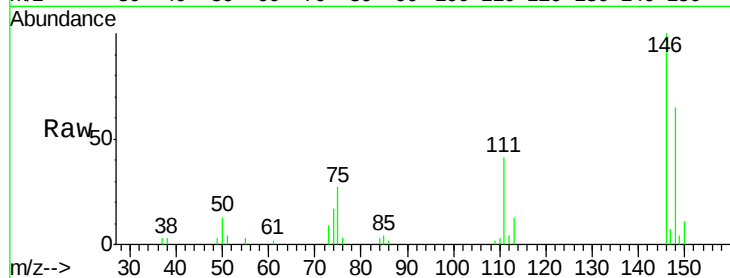
Tot Ion:146 Resp: 29877

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

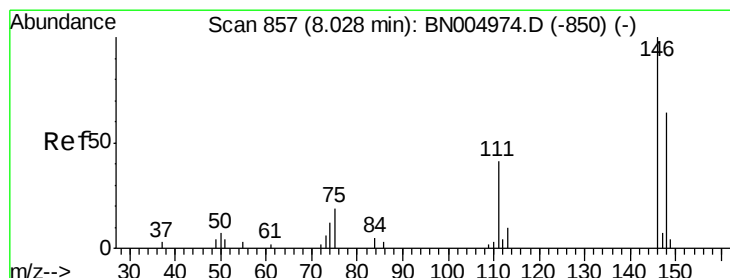
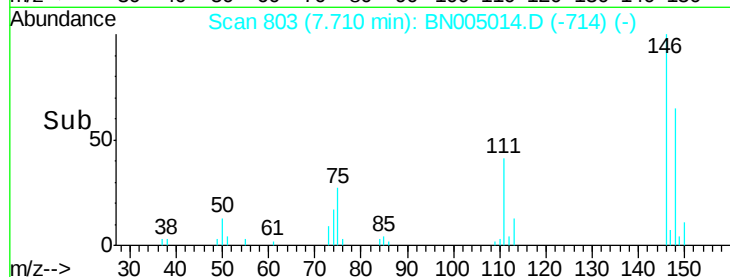
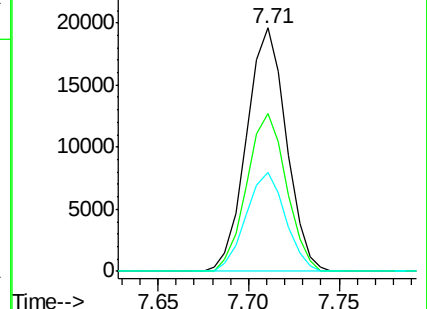
111 40.9 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.578 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

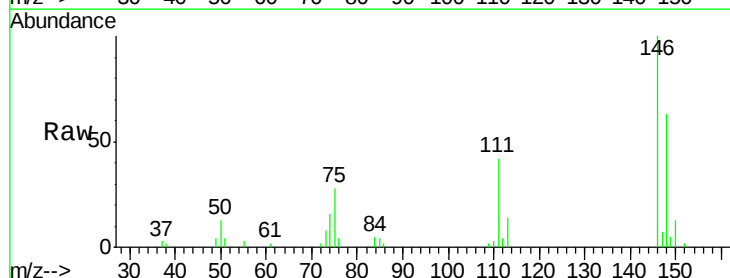
Tgt Ion:146 Resp: 28527

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

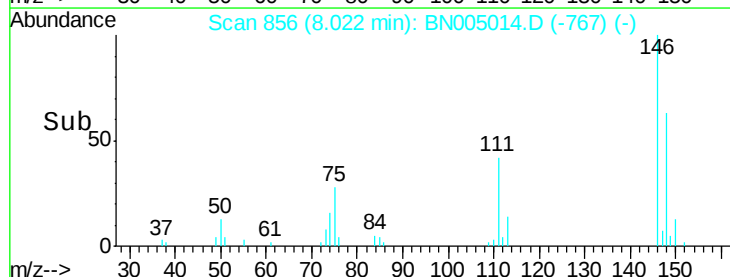
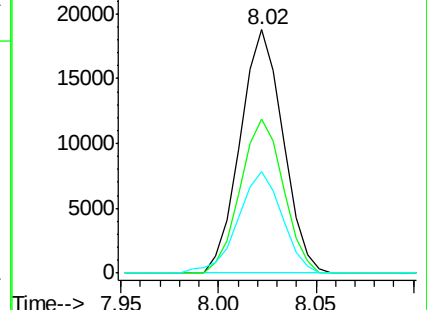
111 41.8 32.6 49.0

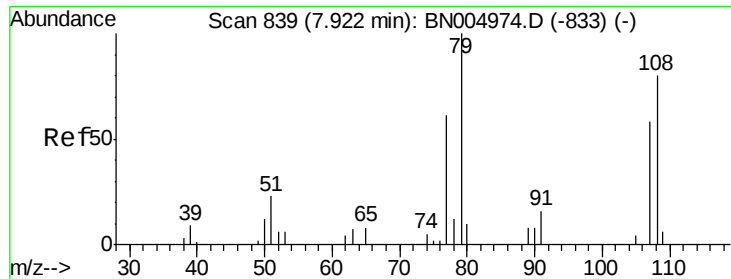


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.693 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

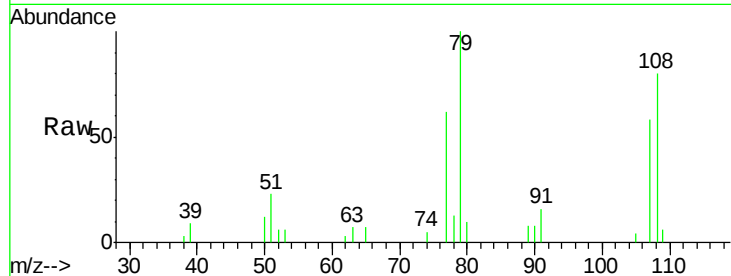
Tot Ion: 79 Resp: 19878

Ion Ratio Lower Upper

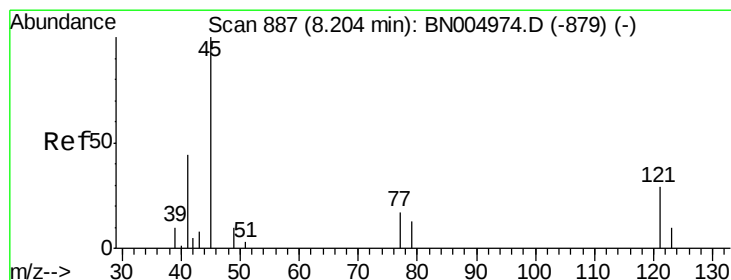
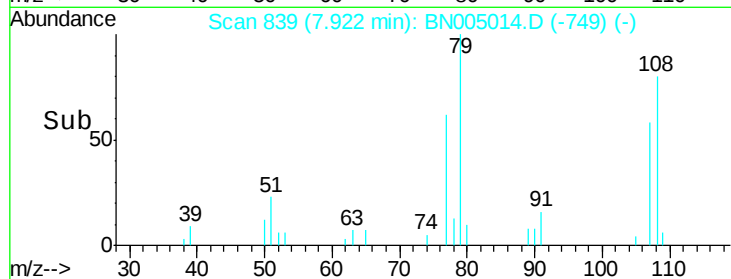
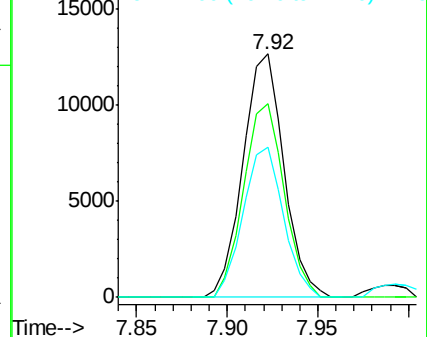
79 100

108 79.8 64.0 96.0

77 61.8 48.8 73.2



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 108.00 (107.70 to 108.70): BNC
Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.815 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

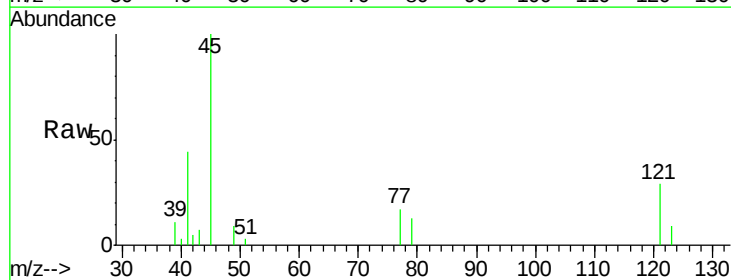
Tgt Ion: 45 Resp: 26942

Ion Ratio Lower Upper

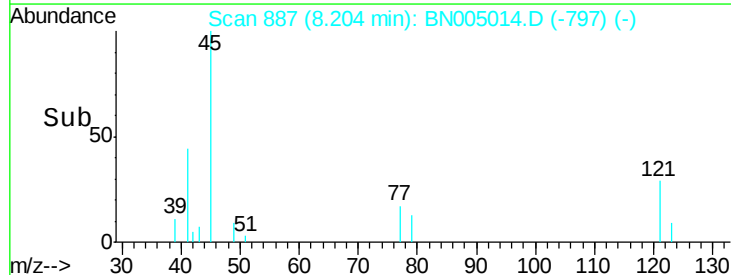
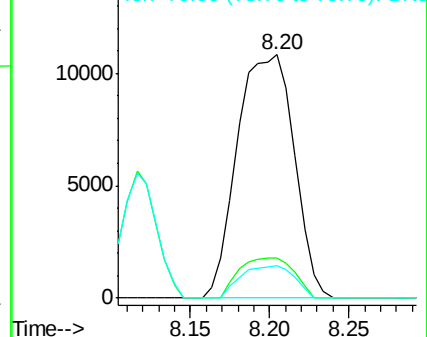
45 100

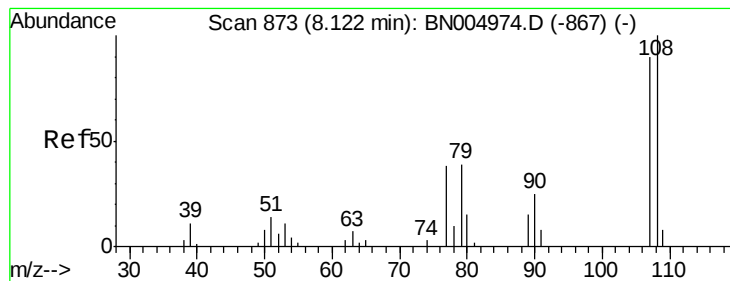
77 16.6 0.0 36.9

79 13.5 0.0 33.3



Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC





#17

2-Methylphenol

Concen: 36.759 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 20101

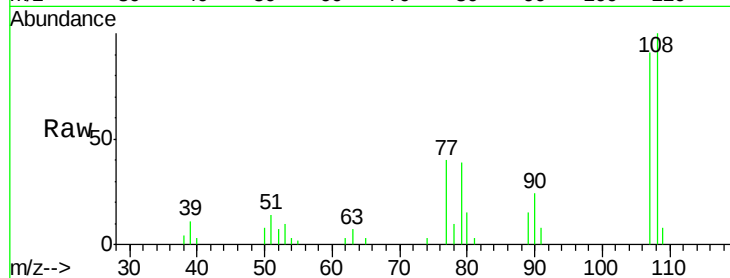
Ion Ratio Lower Upper

107 100

108 110.5 88.8 133.2

77 43.9 34.2 51.2

79 43.1 34.8 52.2

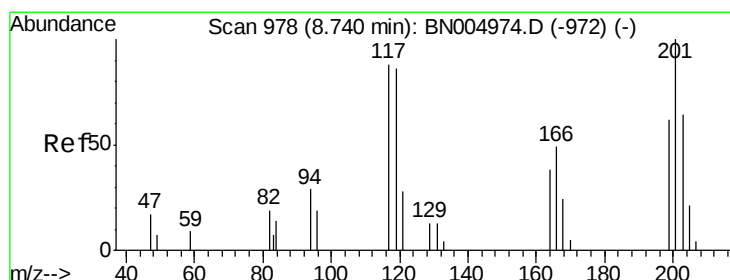
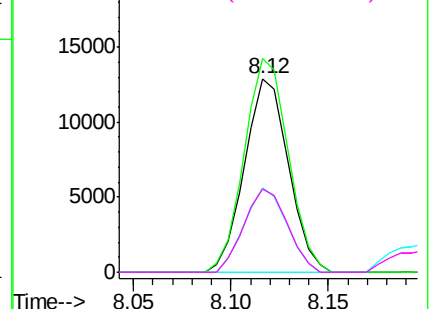
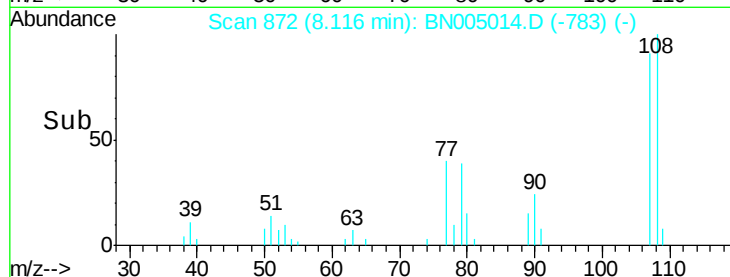


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18

Hexachloroethane

Concen: 38.222 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

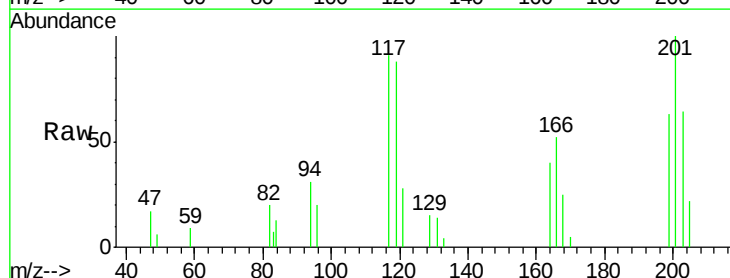
Tgt Ion:117 Resp: 10468

Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3

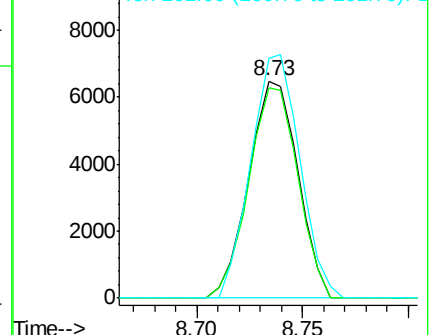
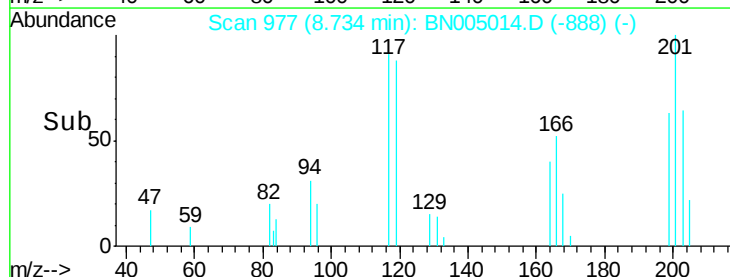
201 110.3 90.5 135.7

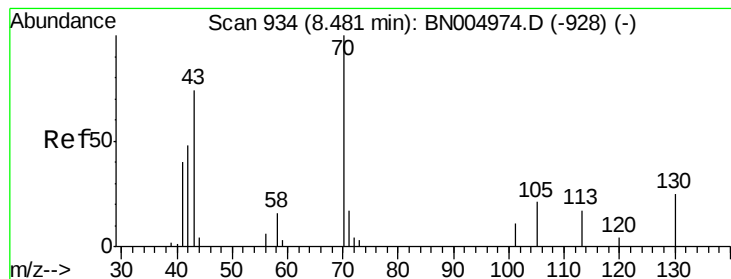


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.713 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 17138

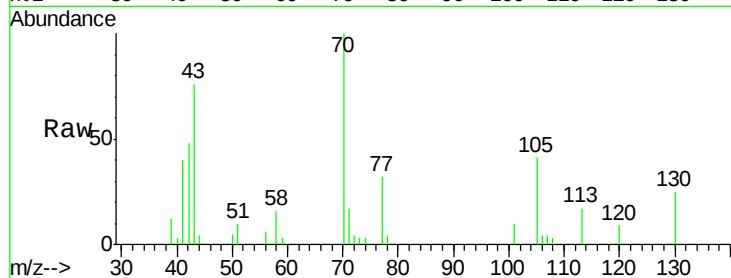
Ion Ratio Lower Upper

70 100

42 47.6 38.4 57.6

101 10.5 8.8 13.2

130 25.3 19.8 29.8

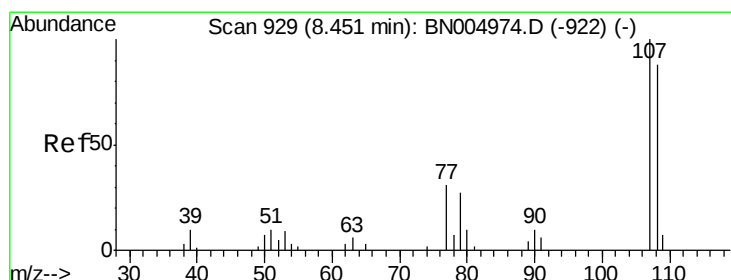
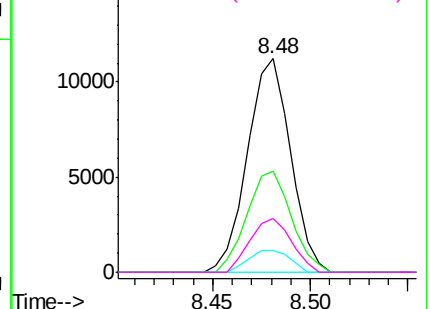
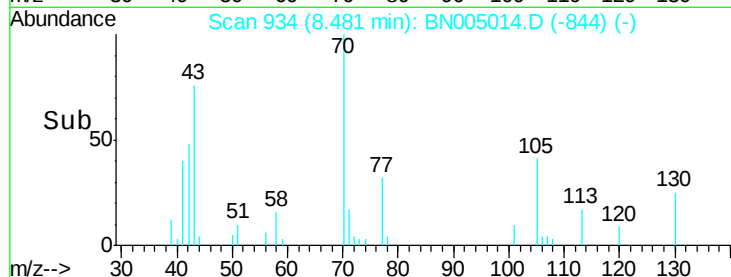


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0



#20

3+4-Methylphenols

Concen: 36.039 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Tgt Ion: 107 Resp: 26758

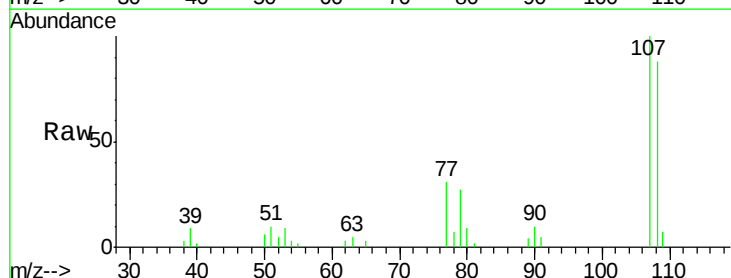
Ion Ratio Lower Upper

107 100

108 87.8 67.9 107.9

77 31.0 10.6 50.6

79 27.1 6.8 46.8

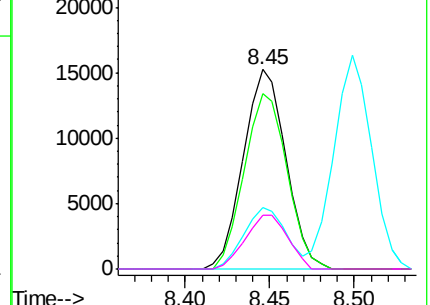
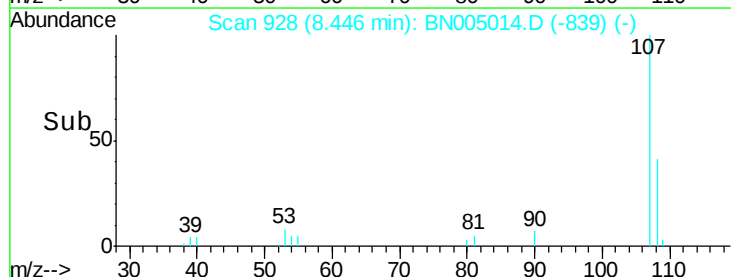


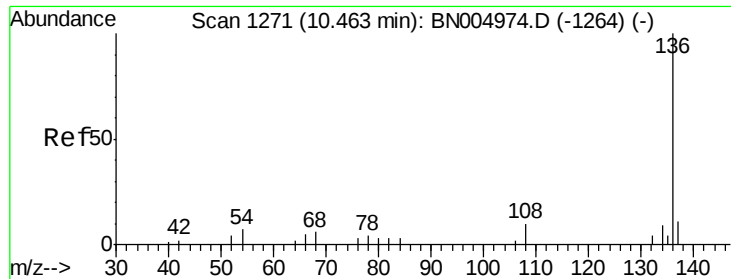
Abundance Ion 107.00 (106.70 to 107.70): BN0

Ion 108.00 (107.70 to 108.70): BN0

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0

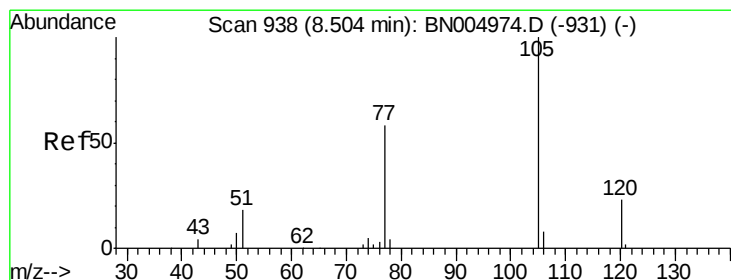
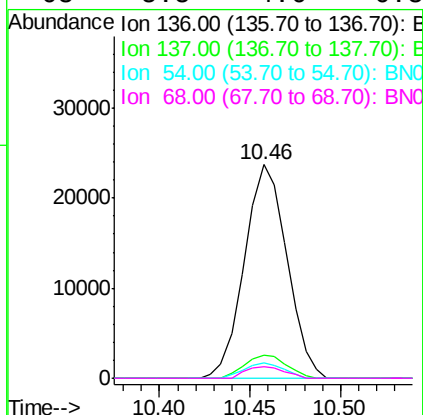
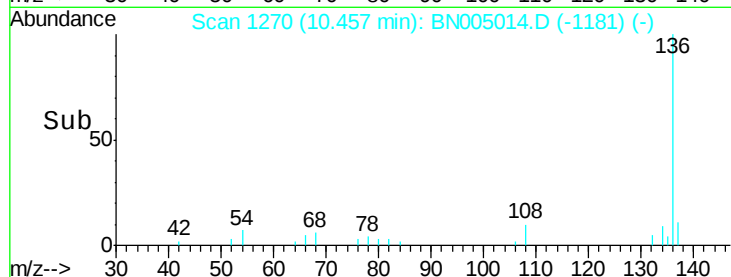
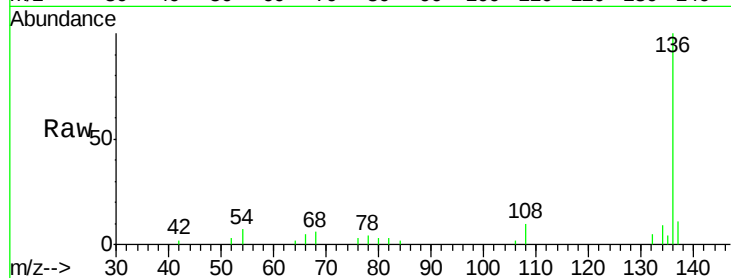




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

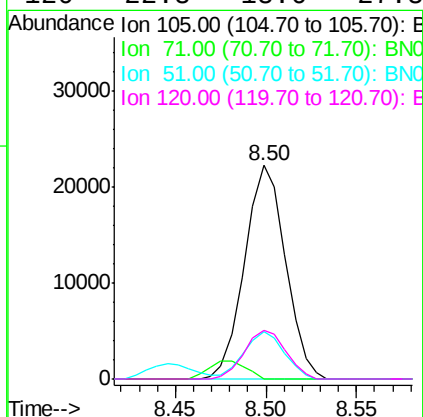
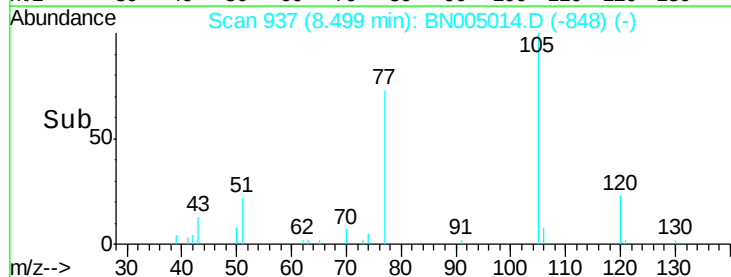
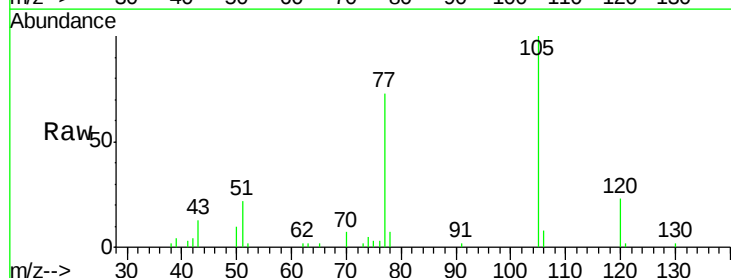
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

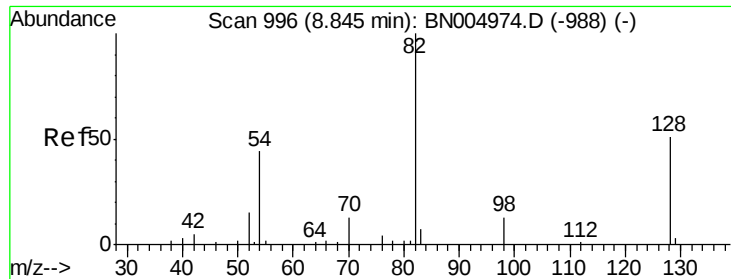
Tot Ion:136	Resp:	38677
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.0	5.3 7.9
68	5.5	4.6 6.8



#22
Acetophenone
Concen: 39.656 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion:105	Resp:	35012
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	21.9	17.8 26.8
120	22.8	18.6 27.8

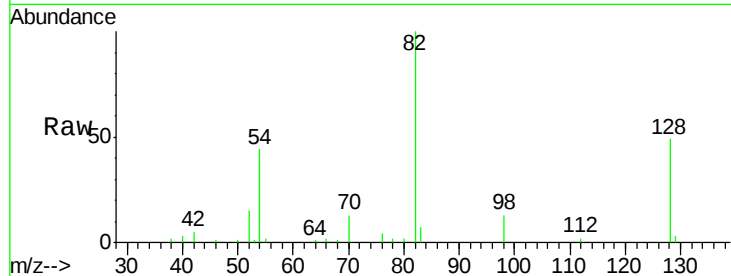




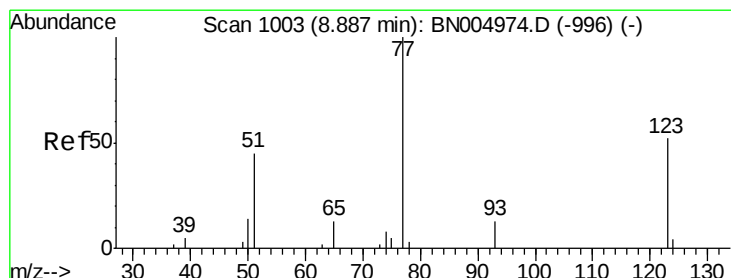
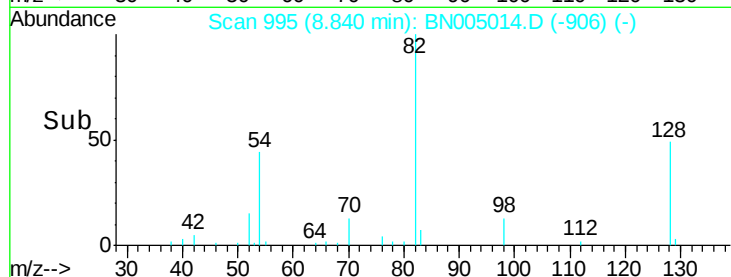
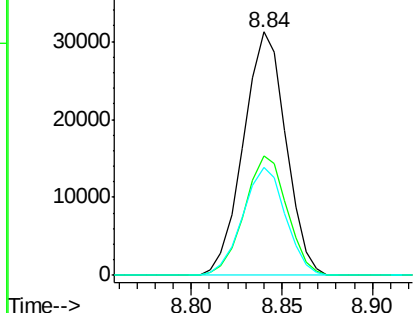
#23
 Nitrobenzene-d5
 Concen: 79.638 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	82	Resp	50919
Ion Ratio	100	Lower	Upper
128	49.1	40.6	60.8
54	44.5	35.2	52.8

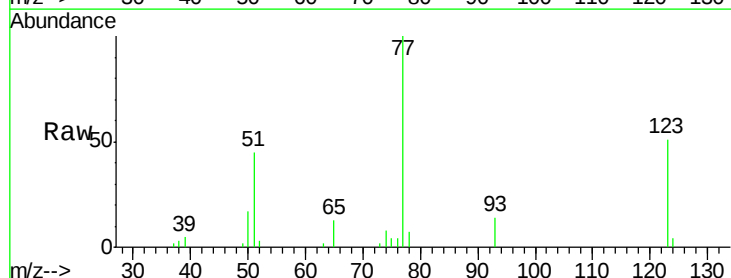


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): BN0
 Ion 54.00 (53.70 to 54.70): BN0

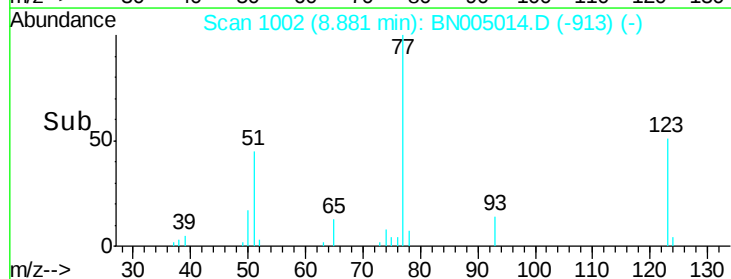
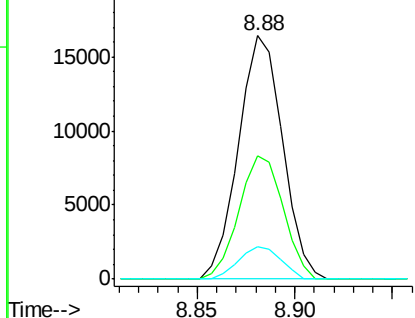


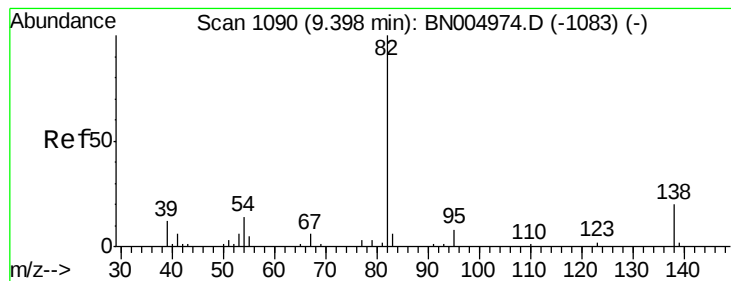
#24
 Nitrobenzene
 Concen: 39.767 ng
 RT: 8.88 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion	77	Resp	25732
Ion Ratio	100	Lower	Upper
123	50.8	41.3	61.9
65	13.1	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
 Ion 123.00 (122.70 to 123.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 37.167 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

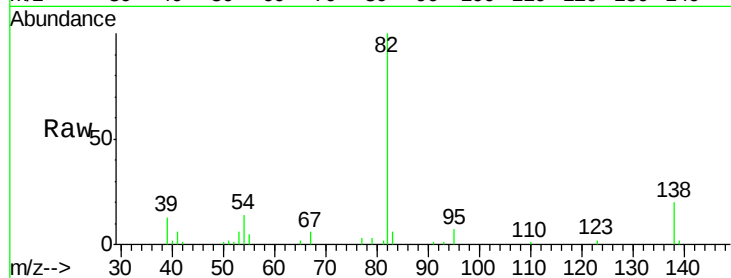
Tot Ion: 82 Resp: 46295

Ion Ratio Lower Upper

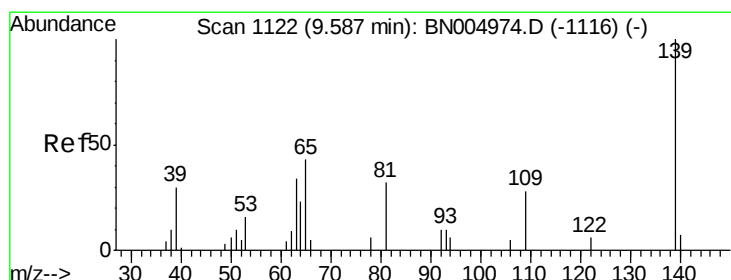
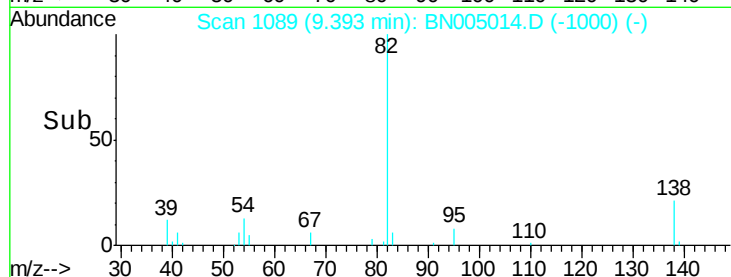
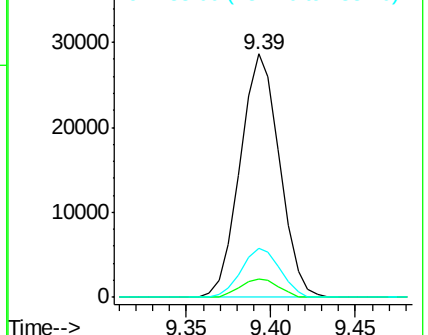
82 100

95 7.4 6.1 9.1

138 19.9 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 38.981 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

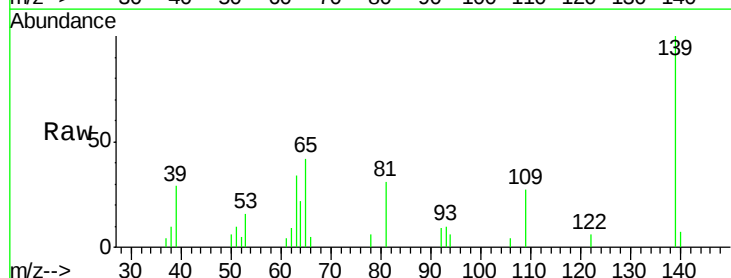
Tgt Ion: 139 Resp: 14646

Ion Ratio Lower Upper

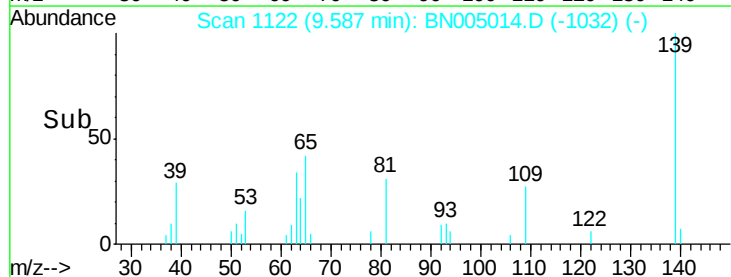
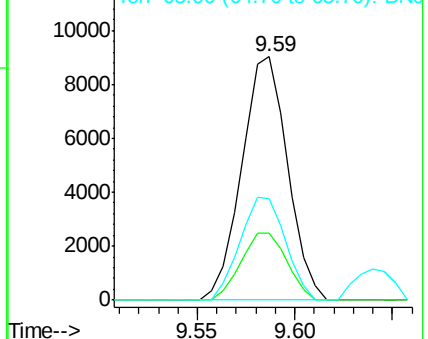
139 100

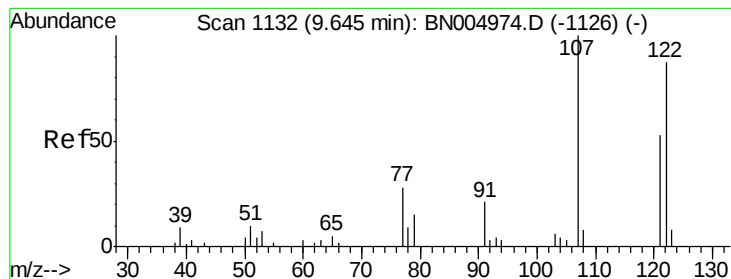
109 27.5 22.5 33.7

65 41.8 34.2 51.4



Abundance Ion 139.00 (138.70 to 139.70): BNC
Ion 109.00 (108.70 to 109.70): BNC
Ion 65.00 (64.70 to 65.70): BNC





#27

2,4-Dimethylphenol

Concen: 38.662 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

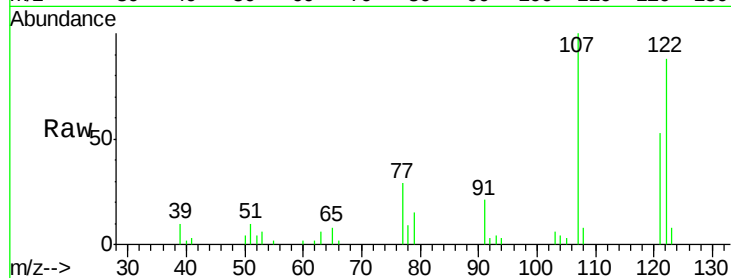
Tot Ion:122 Resp: 20224

Ion Ratio Lower Upper

122 100

107 114.1 91.6 137.4

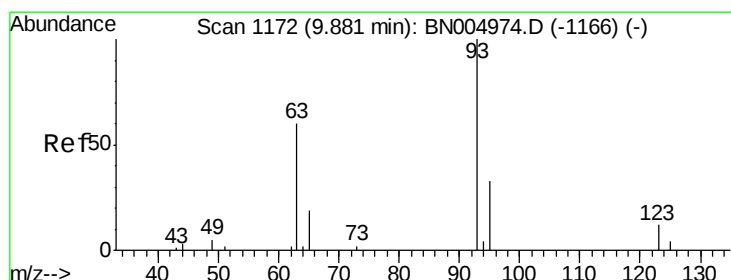
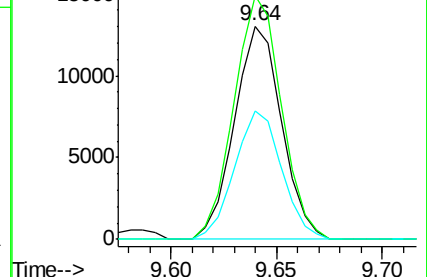
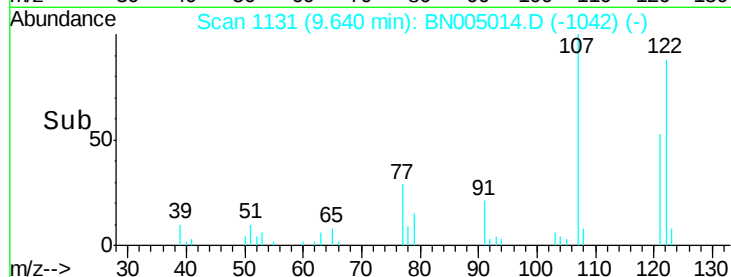
121 60.3 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.632 ng

RT: 9.88 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

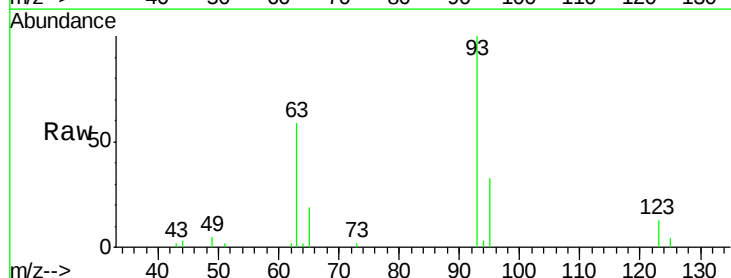
Tgt Ion: 93 Resp: 29814

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

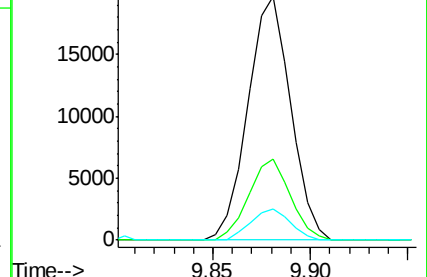
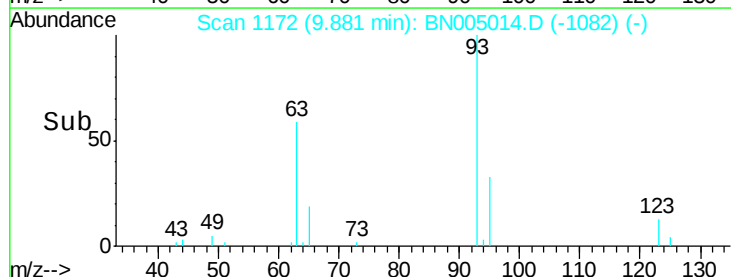
123 12.6 9.8 14.8

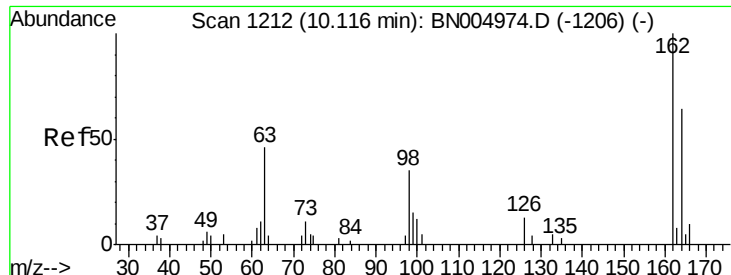


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

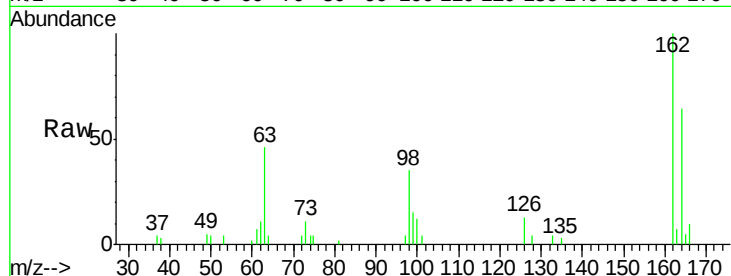




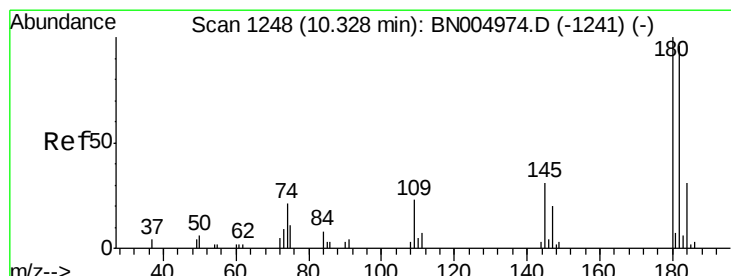
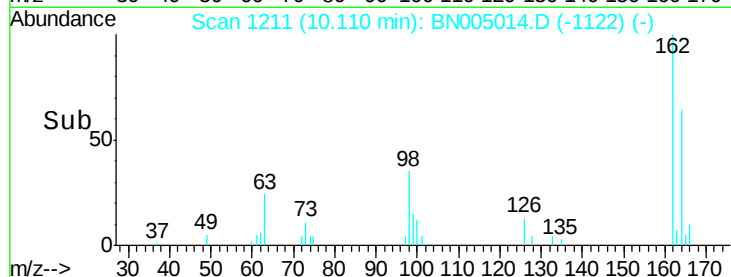
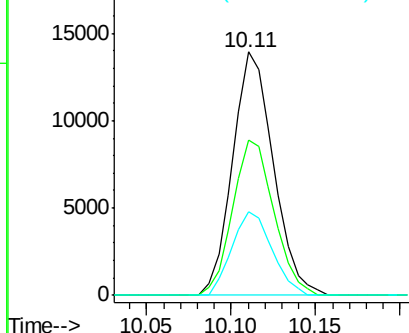
#29
 2,4-Dichlorophenol
 Concen: 39.055 ng
 RT: 10.11 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 23480
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.3 84.3
 98 34.5 15.3 55.3

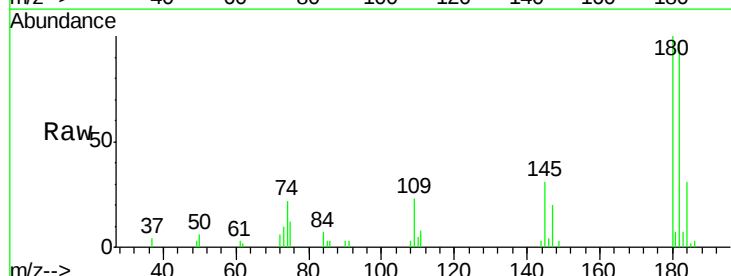


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

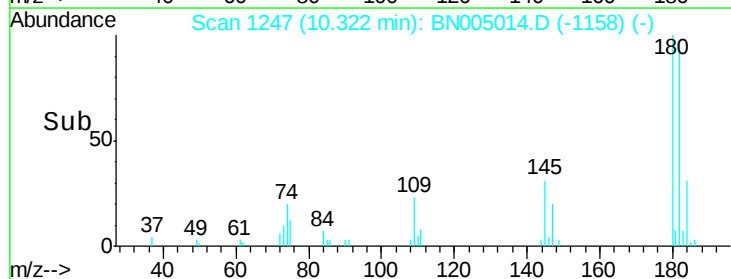
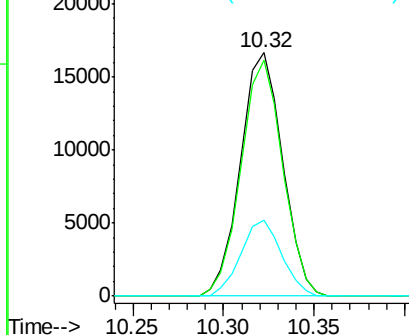


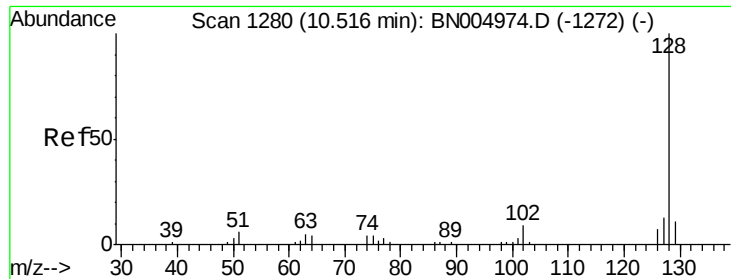
#30
 1,2,4-Trichlorobenzene
 Concen: 40.711 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:180 Resp: 26961
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.6 114.8
 145 31.3 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

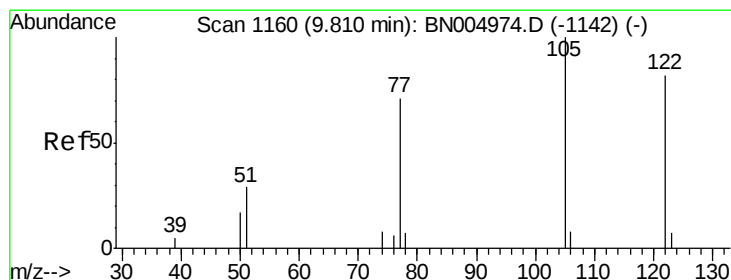
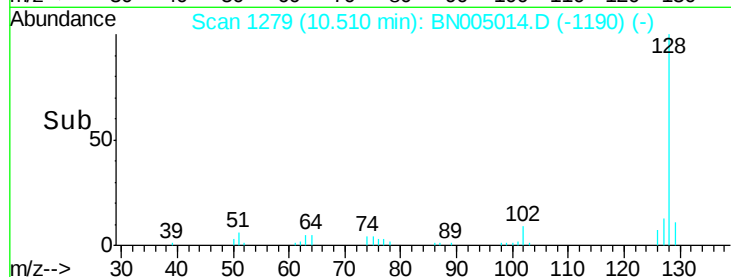
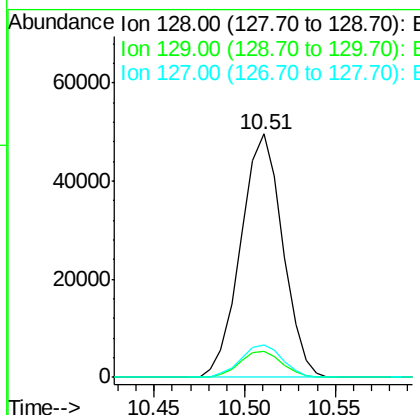
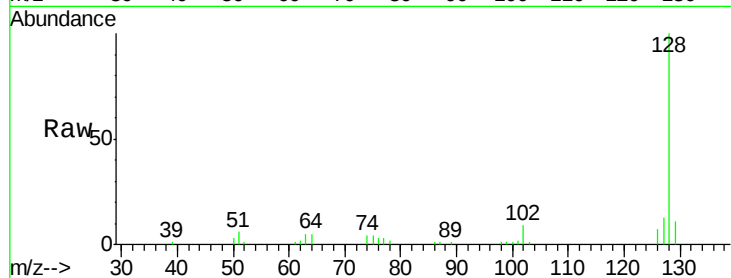




#31
Naphthalene
Concen: 39.635 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

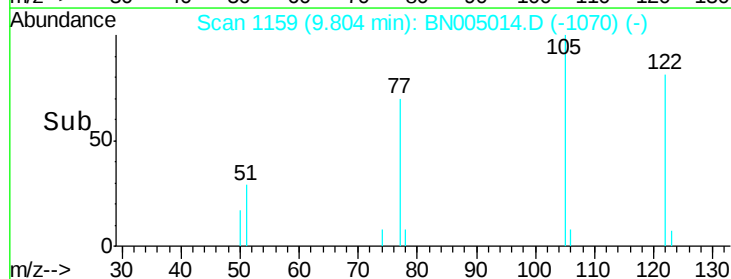
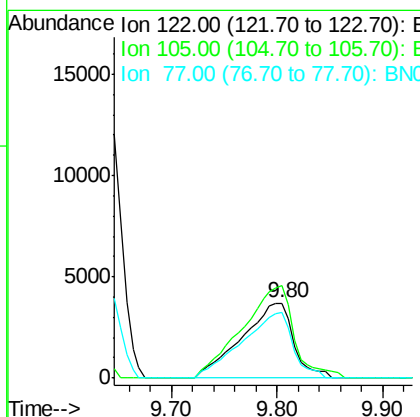
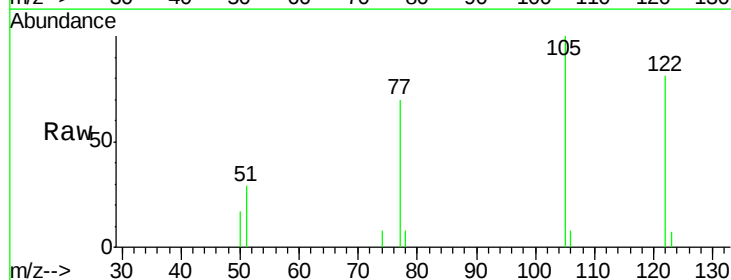
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

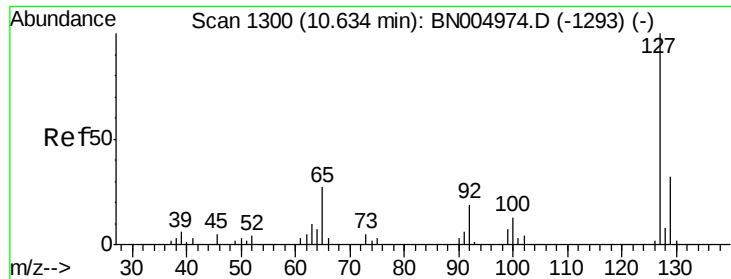
Tot Ion:128 Resp: 79980
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 32.056 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion:122 Resp: 12622
Ion Ratio Lower Upper
122 100
105 123.9 102.4 142.4
77 86.9 67.1 107.1

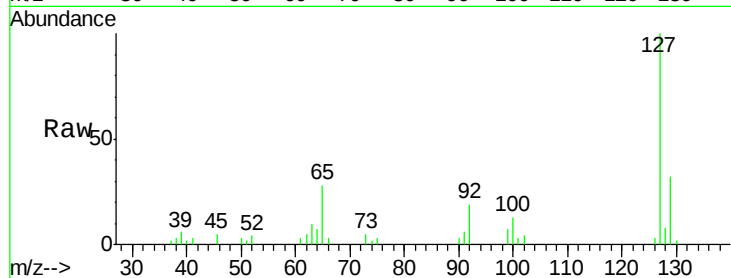




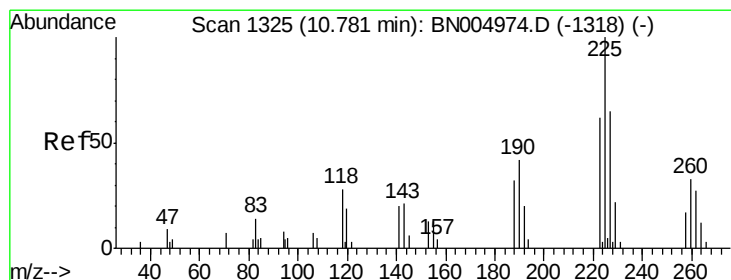
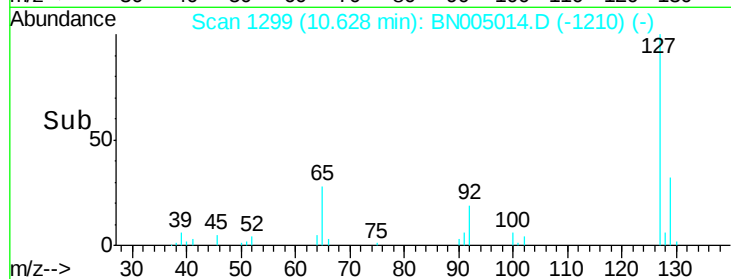
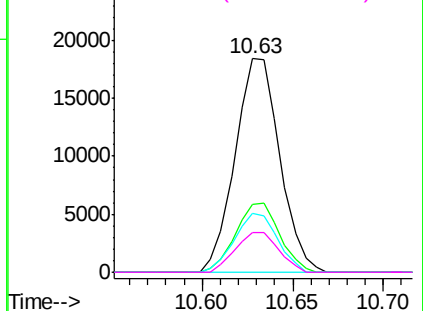
#33
4-Chloroaniline
Concen: 38.388 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	31517
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.7	21.4	32.0
92	18.6	15.3	22.9

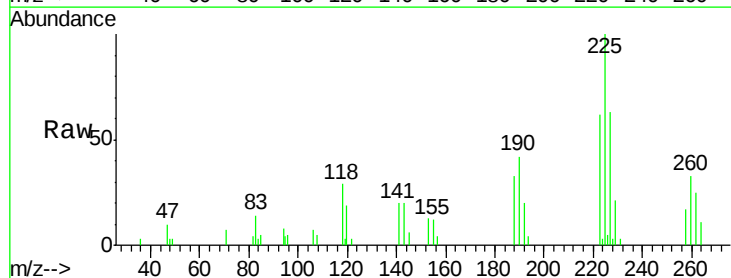


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

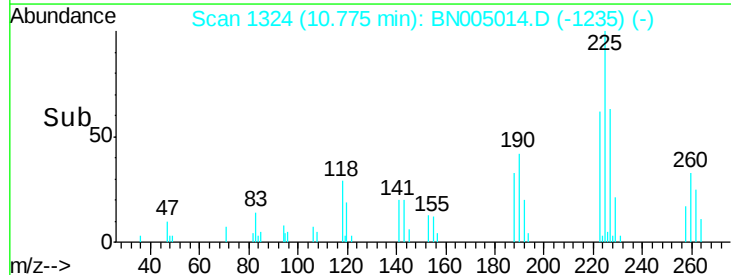
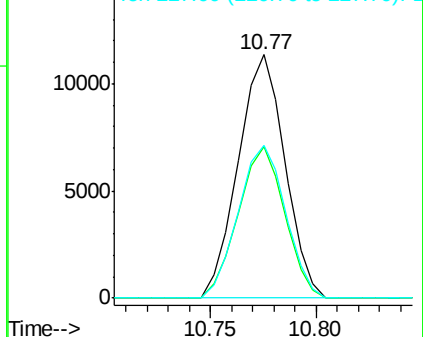


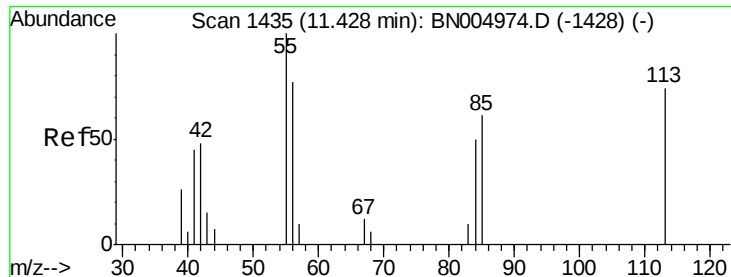
#34
Hexachlorobutadiene
Concen: 40.643 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion:	225	Resp:	17416
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	62.7	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.341 ng

RT: 11.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

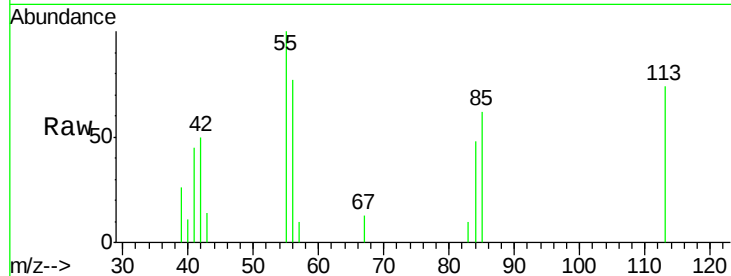
Tot Ion:113 Resp: 6957

Ion Ratio Lower Upper

113 100

55 134.4 115.8 155.8

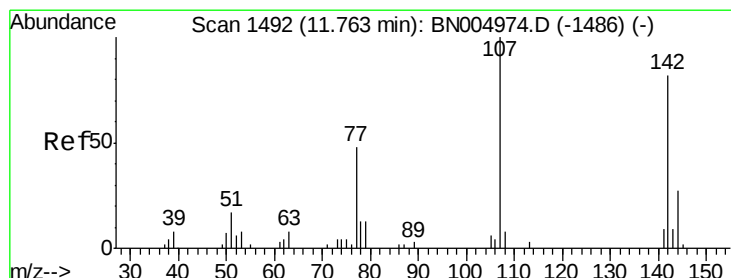
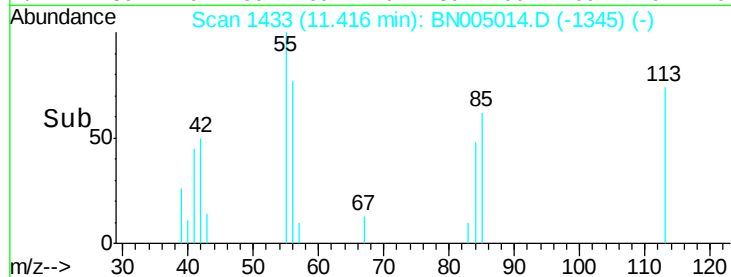
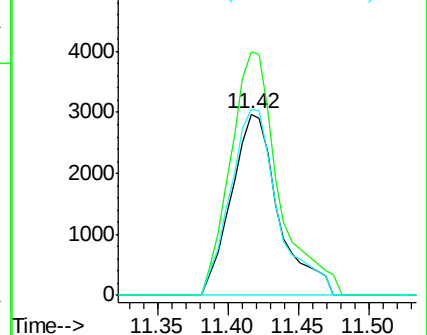
56 102.9 85.1 125.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 36.707 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

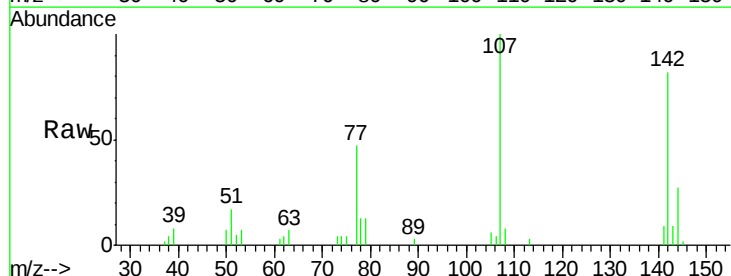
Tgt Ion:107 Resp: 23840

Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

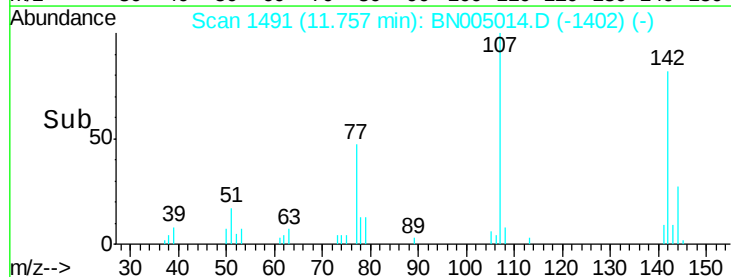
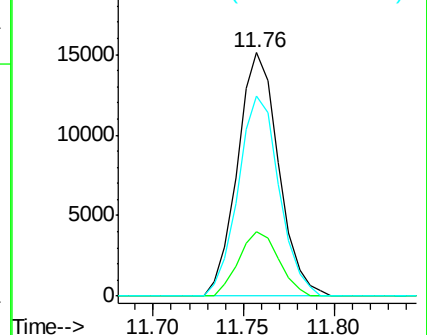
142 82.3 65.8 98.8

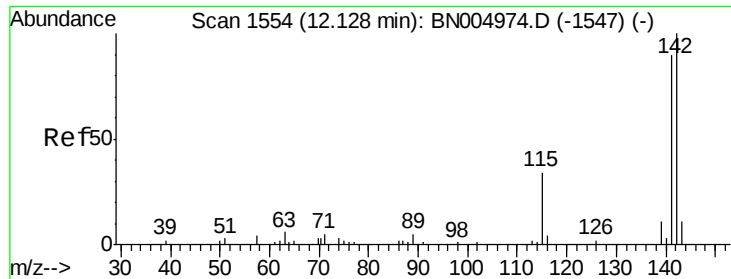


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

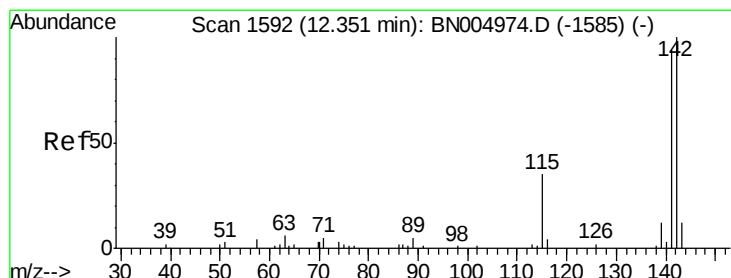
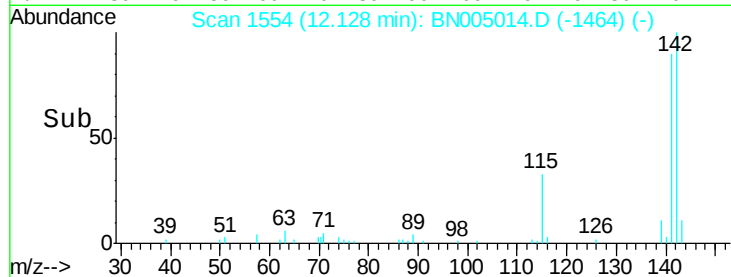
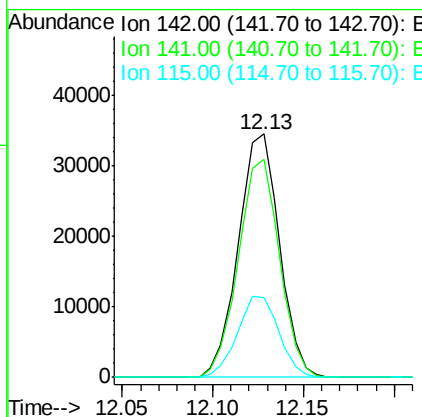
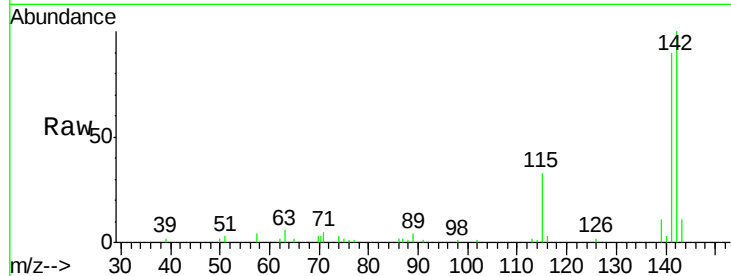




#37
 2-Methylnaphthalene
 Concen: 38.283 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

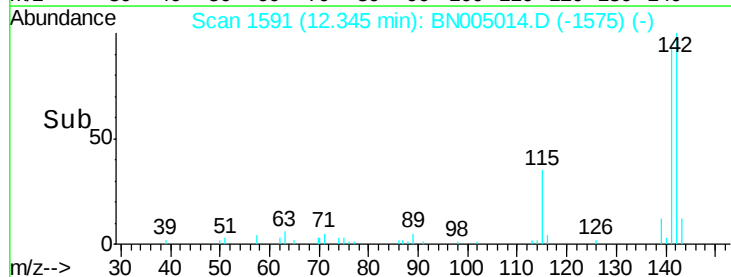
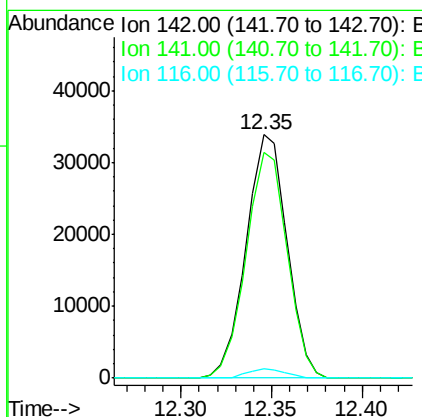
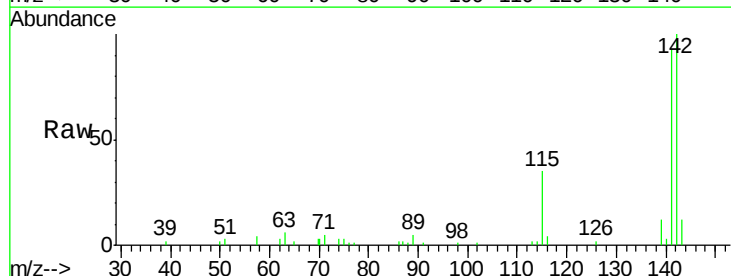
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

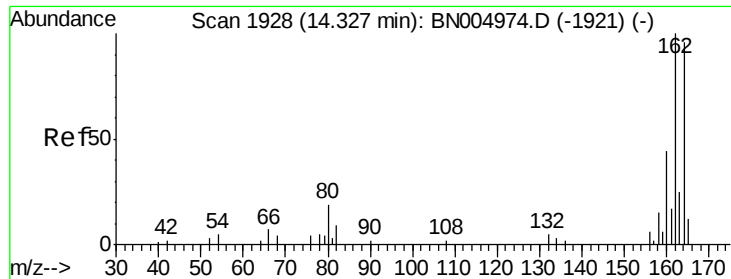
Tot Ion:142 Resp: 54552
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.8 107.8
 115 33.0 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 38.077 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:142 Resp: 53092
 Ion Ratio Lower Upper
 142 100
 141 92.6 74.9 112.3
 116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

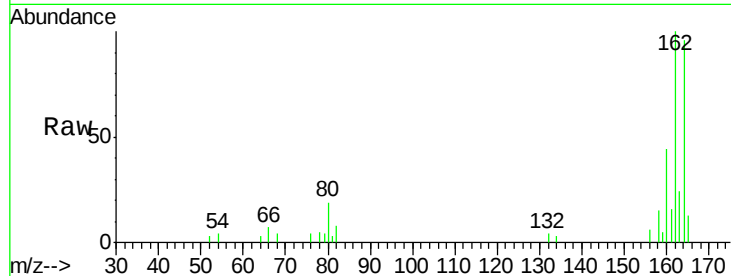
Tot Ion:164 Resp: 20226

Ion Ratio Lower Upper

164 100

162 104.5 83.4 125.0

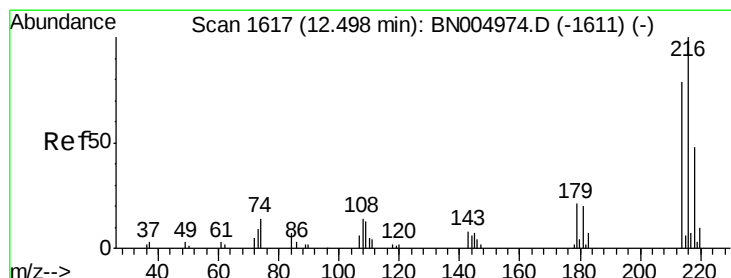
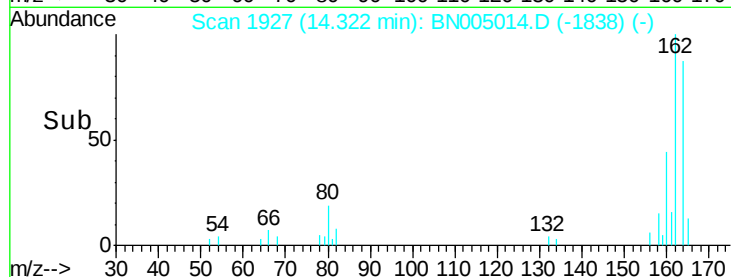
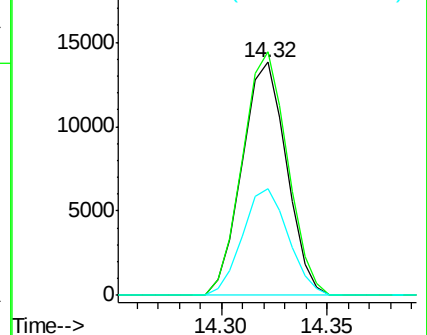
160 45.6 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.508 ng

RT: 12.49 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Tgt Ion:216 Resp: 29778

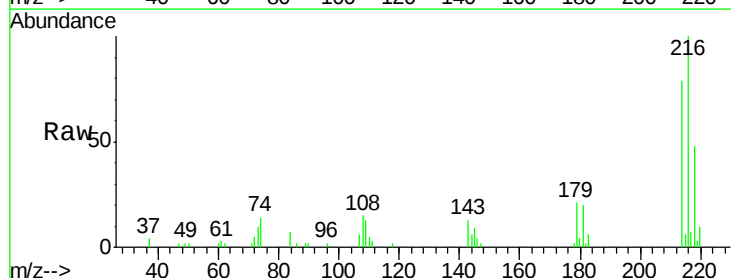
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 20.4 16.4 24.6

108 14.8 12.7 19.1

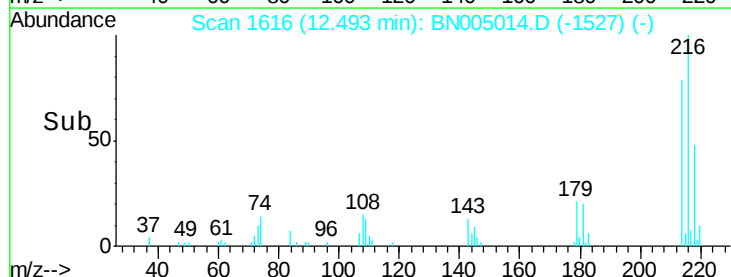
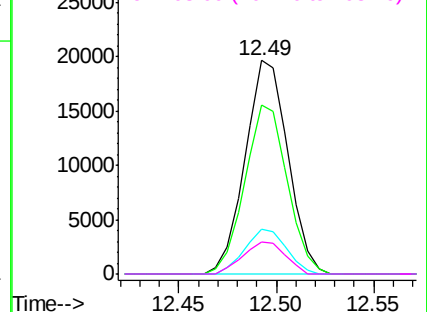


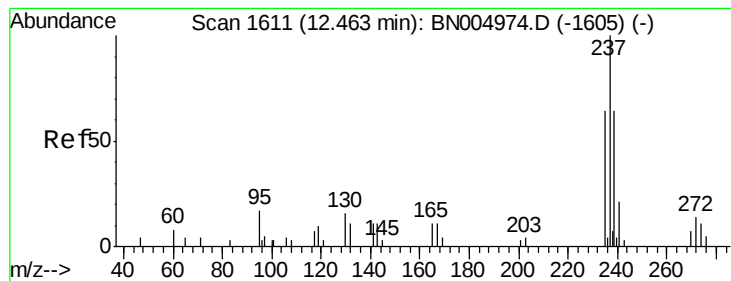
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.779 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

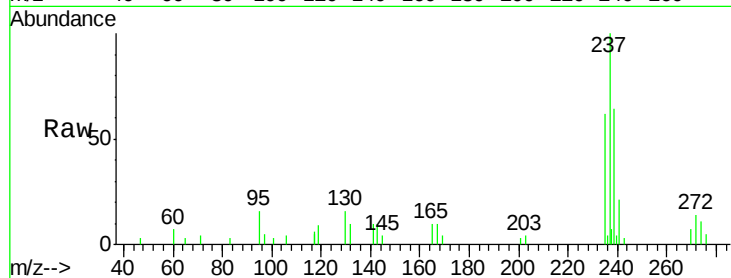
Tot Ion:237 Resp: 15608

Ion Ratio Lower Upper

237 100

235 61.9 43.6 83.6

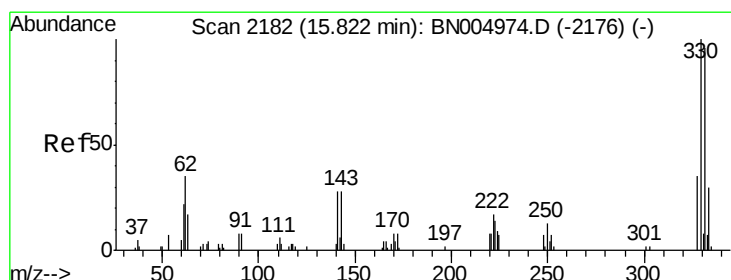
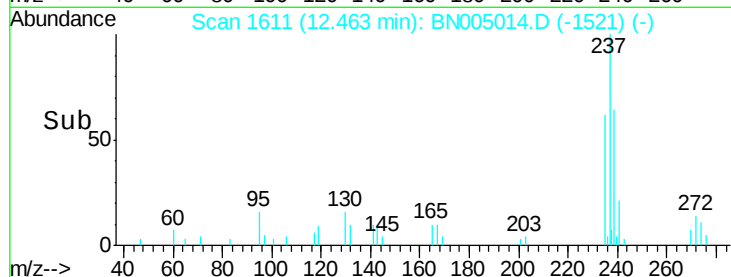
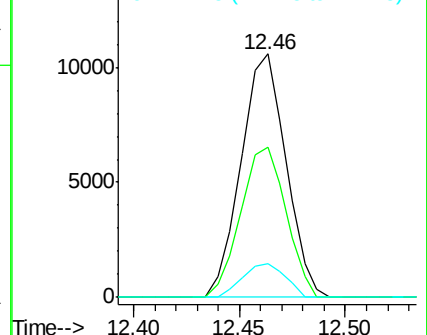
272 13.9 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 76.583 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

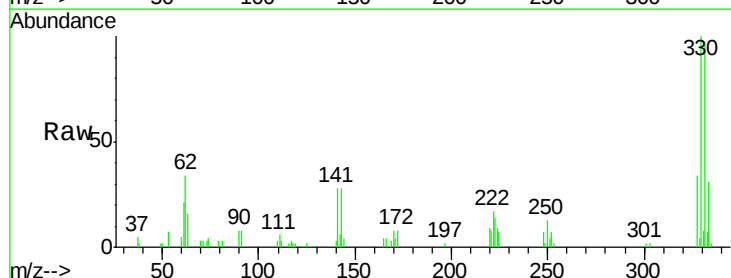
Tgt Ion:330 Resp: 24982

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

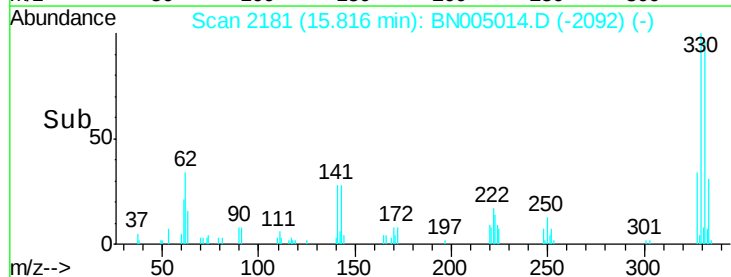
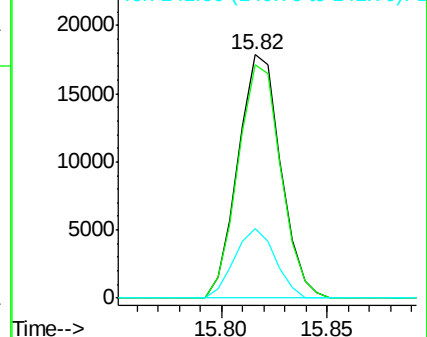
141 27.3 22.1 33.1

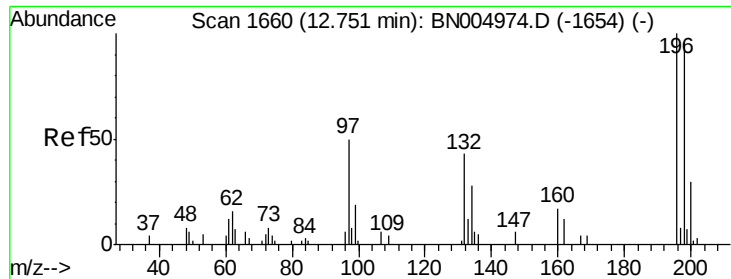


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

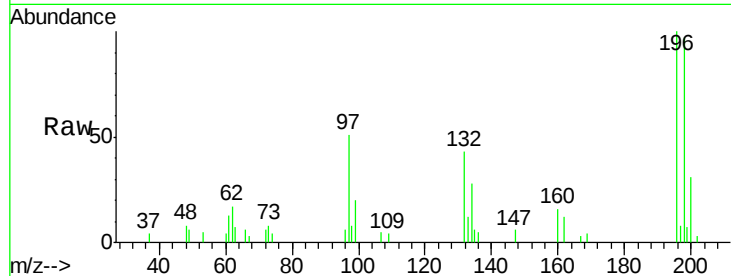




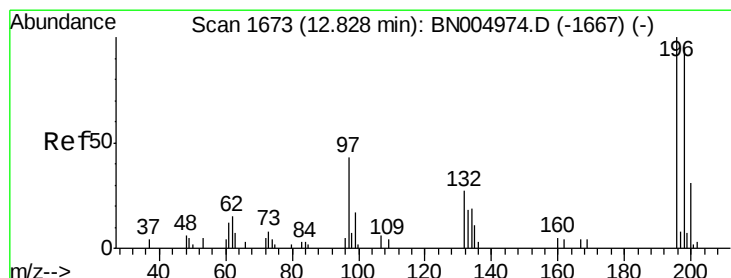
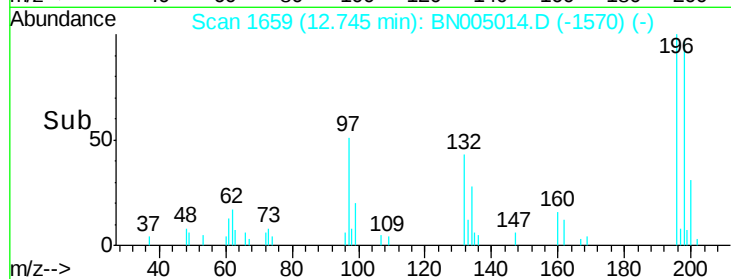
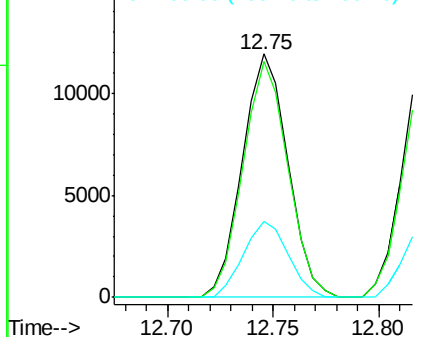
#43
 2,4,6-Trichlorophenol
 Concen: 40.039 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 17823
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.5 114.7
 200 31.3 24.0 36.0

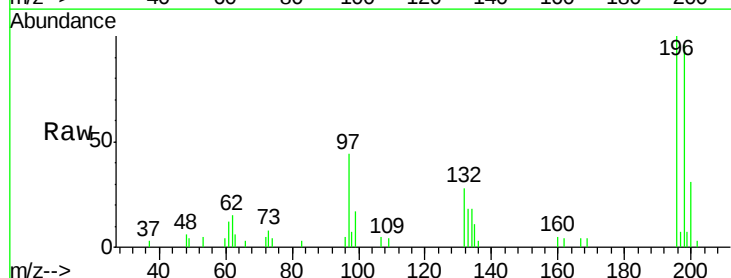


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

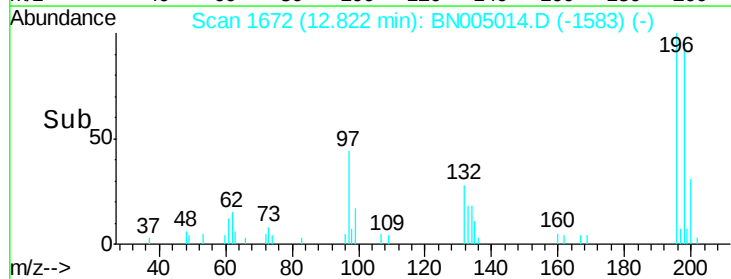
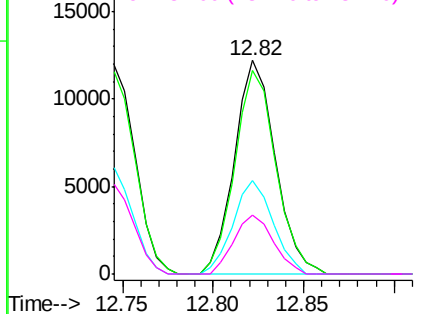


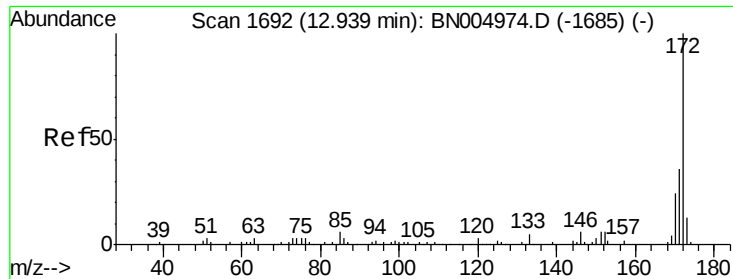
#44
 2,4,5-Trichlorophenol
 Concen: 39.509 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:196 Resp: 19160
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.1 114.1
 97 43.5 34.8 52.2
 132 27.8 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

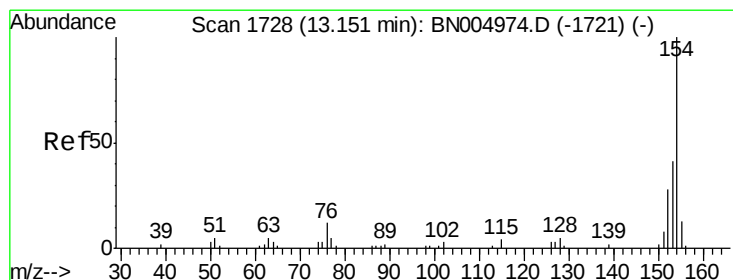
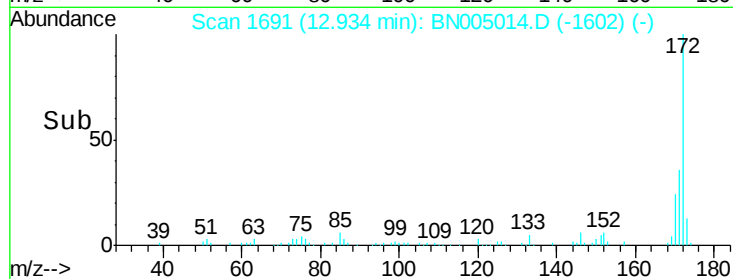
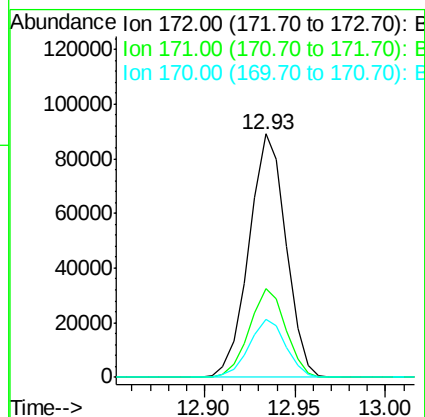
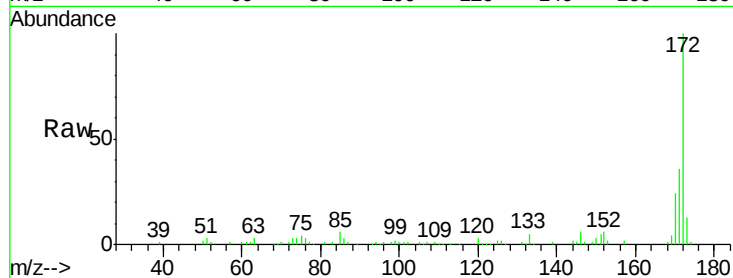




#45
2-Fluorobiphenyl
Concen: 82.829 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

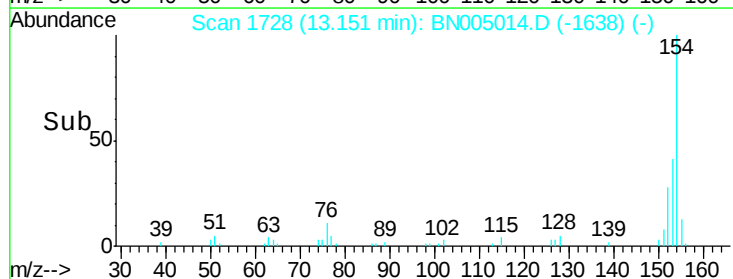
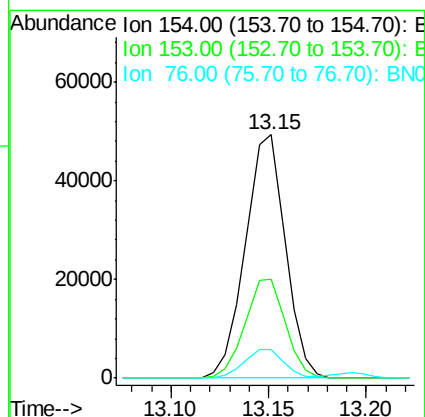
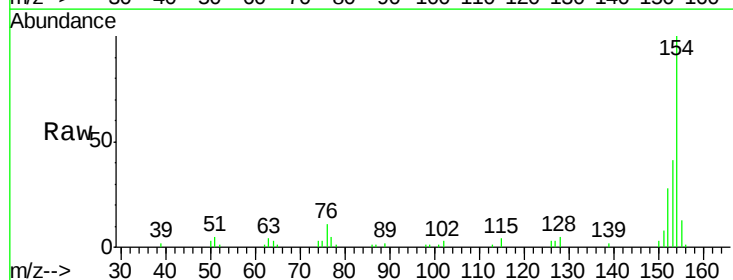
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

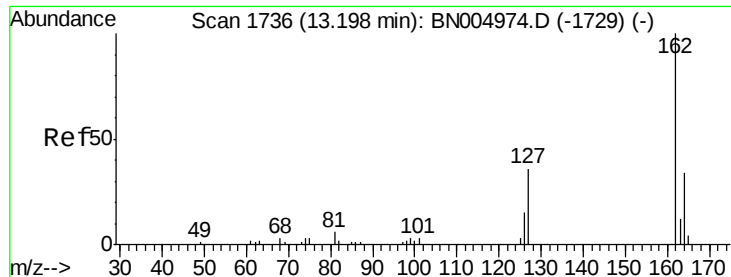
Tot Ion:172 Resp: 126425
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.981 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion:154 Resp: 70153
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 11.5 0.0 32.2

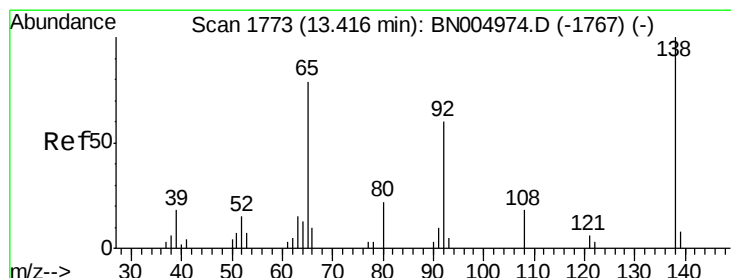
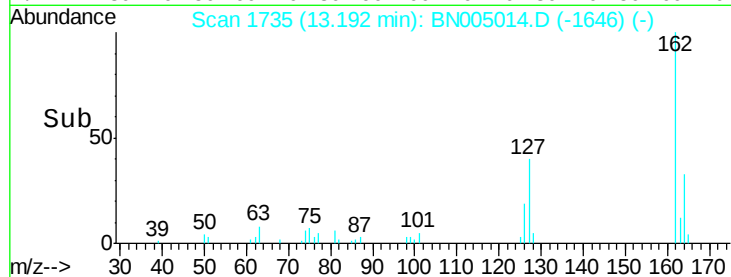
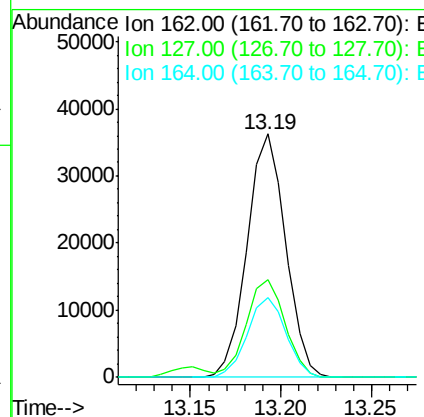
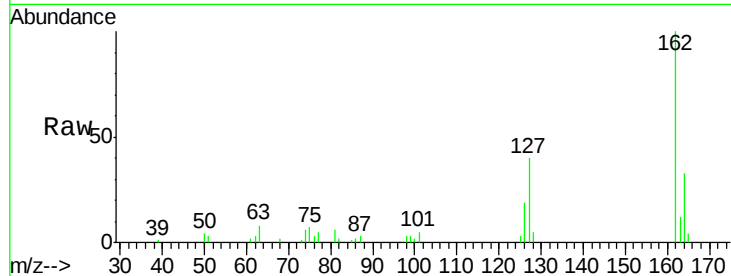




#47
 2-Chloronaphthalene
 Concen: 40.679 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

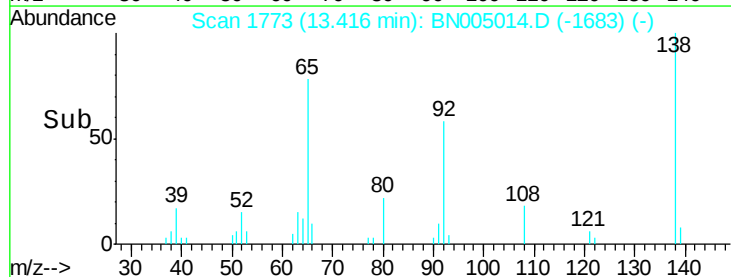
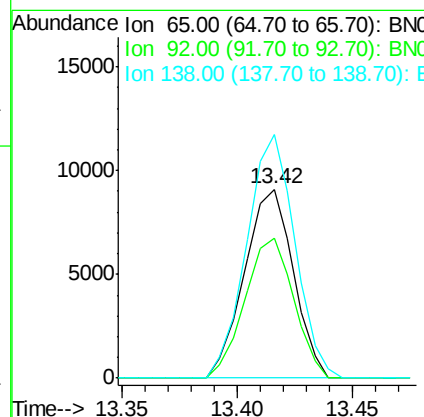
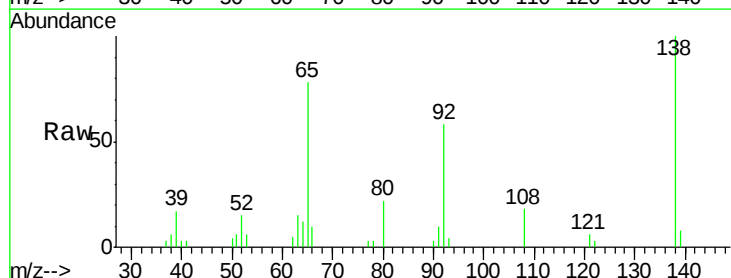
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

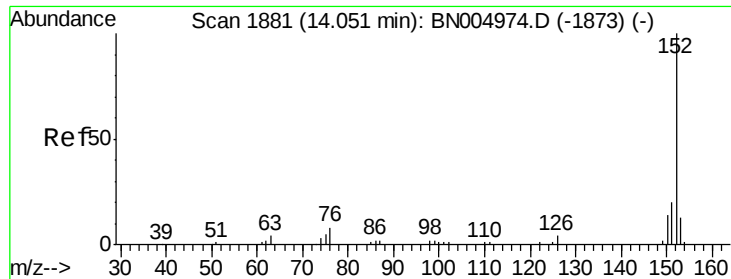
Tot Ion:162 Resp: 53438
 Ion Ratio Lower Upper
 162 100
 127 40.1 32.4 48.6
 164 32.8 26.8 40.2



#48
 2-Nitroaniline
 Concen: 38.362 ng
 RT: 13.42 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion: 65 Resp: 13415
 Ion Ratio Lower Upper
 65 100
 92 74.3 60.2 90.4
 138 128.9 101.1 151.7





#49

Acenaphthylene

Concen: 40.062 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

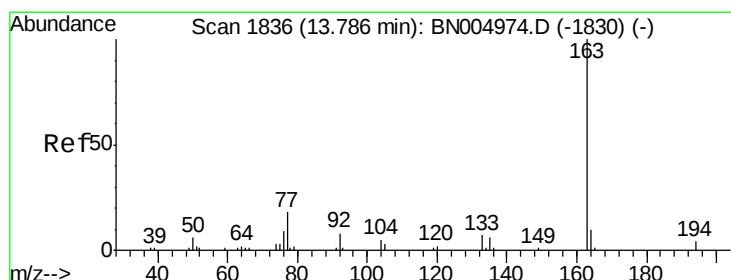
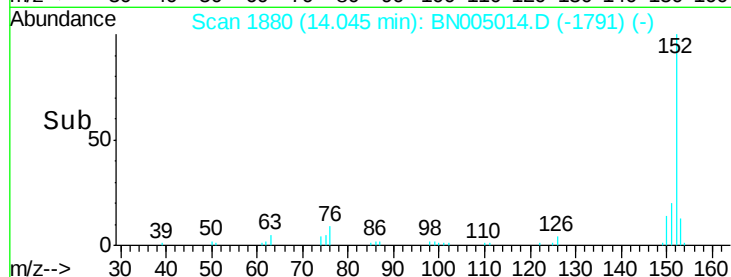
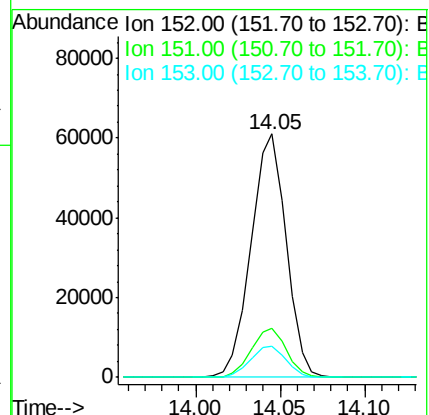
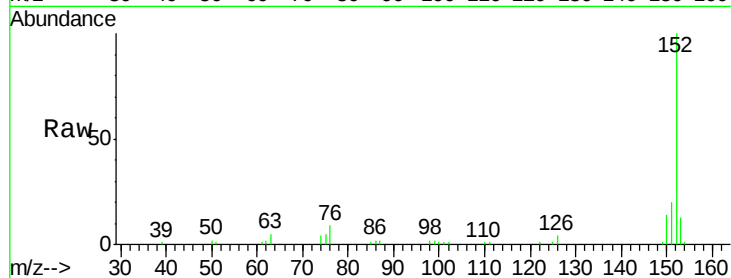
Tot Ion:152 Resp: 88515

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 12.7 10.3 15.5



#50

Dimethylphthalate

Concen: 38.605 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

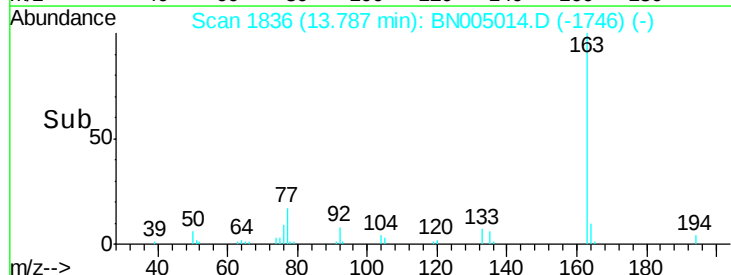
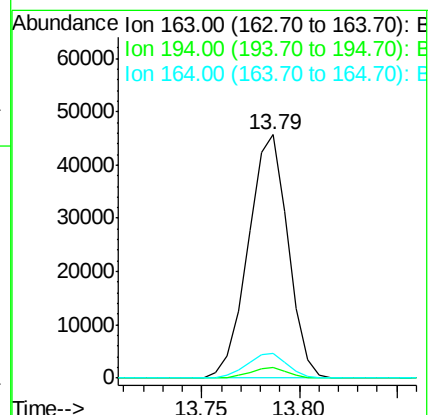
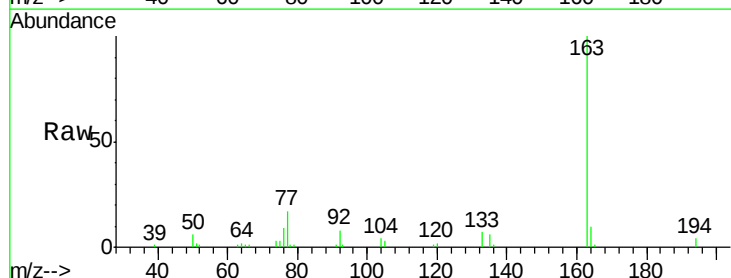
Tgt Ion:163 Resp: 64151

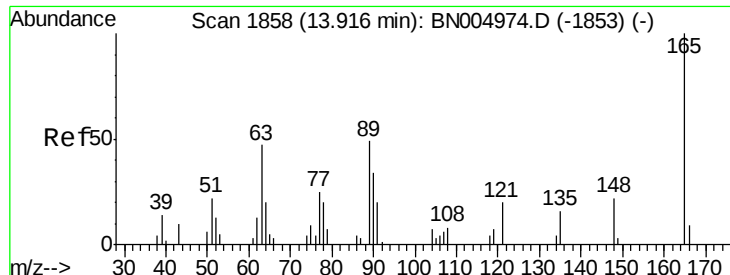
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 8.3 12.5

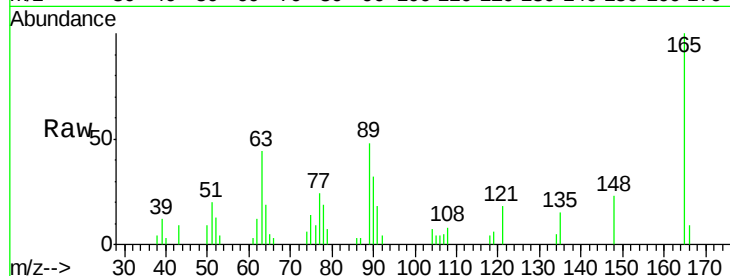




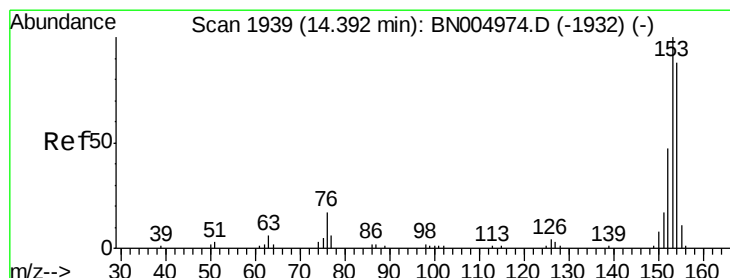
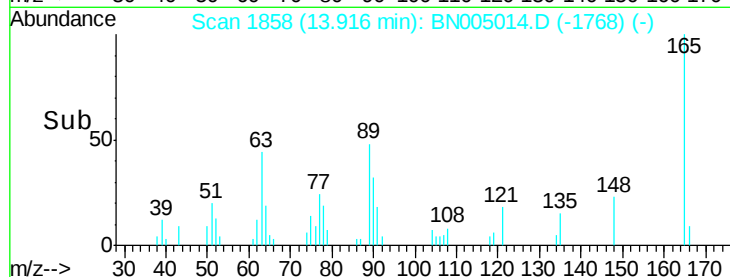
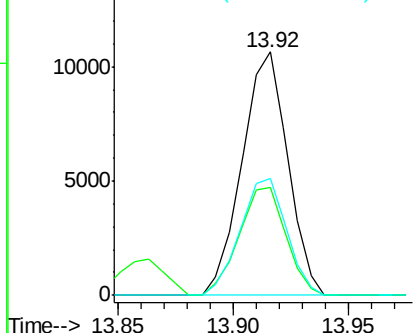
#51
 2,6-Dinitrotoluene
 Concen: 38.765 ng
 RT: 13.92 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:165 Resp: 14658
 Ion Ratio Lower Upper
 165 100
 63 44.1 37.3 55.9
 89 47.9 39.2 58.8

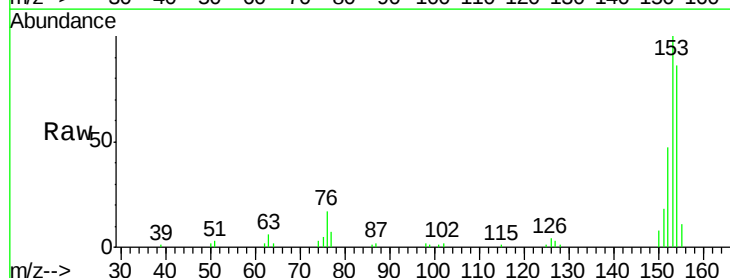


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

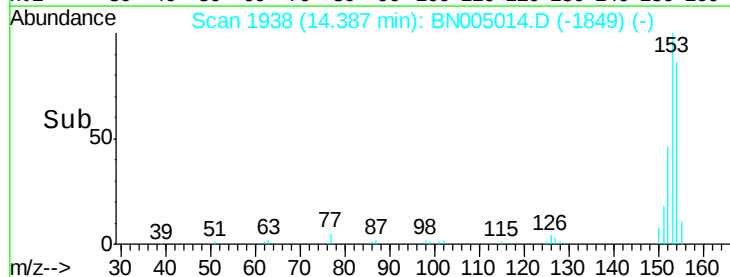
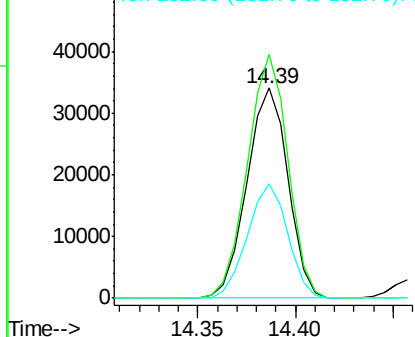


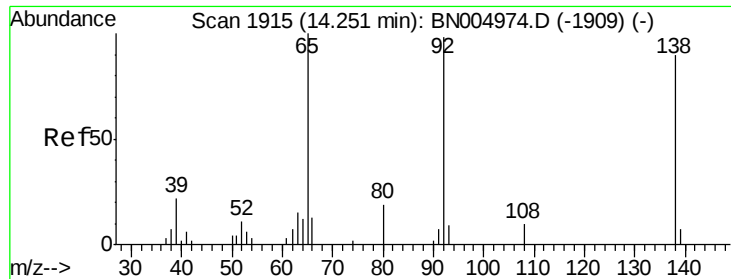
#52
 Acenaphthene
 Concen: 39.808 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:154 Resp: 49477
 Ion Ratio Lower Upper
 154 100
 153 115.8 91.0 136.4
 152 54.3 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.974 ng

RT: 14.25 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

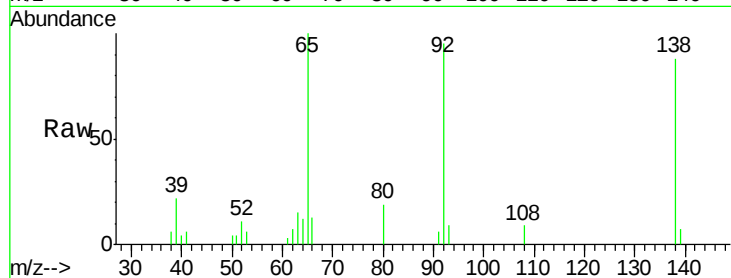
Tot Ion:138 Resp: 14289

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

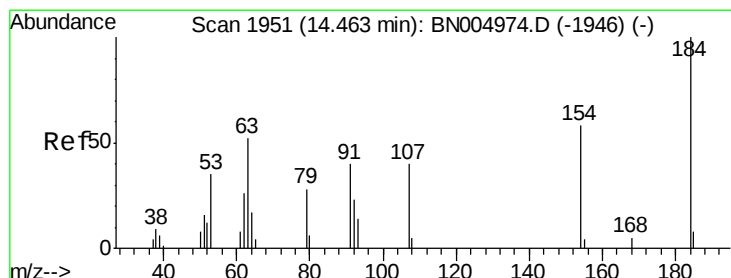
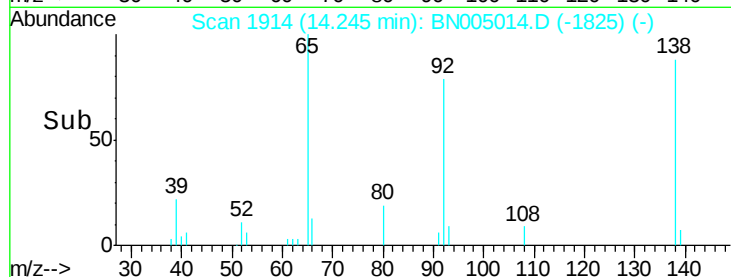
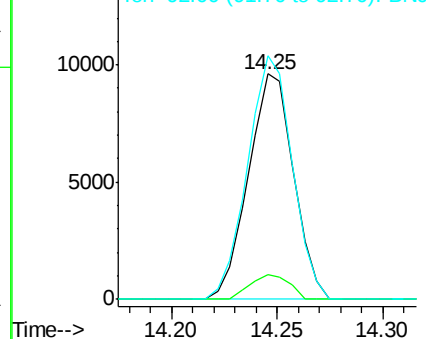
92 108.0 86.9 130.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC



#54

2,4-Dinitrophenol

Concen: 35.725 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

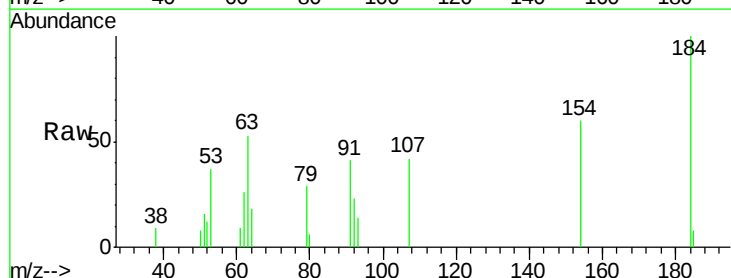
Tgt Ion:184 Resp: 7068

Ion Ratio Lower Upper

184 100

63 53.1 41.6 62.4

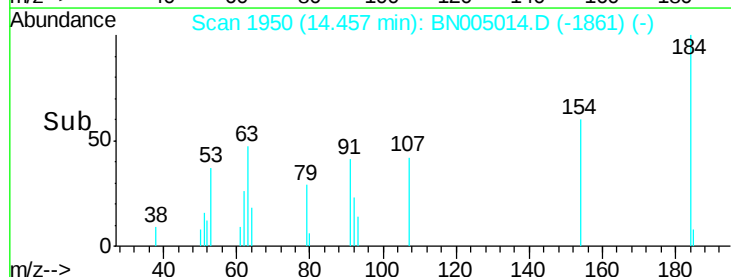
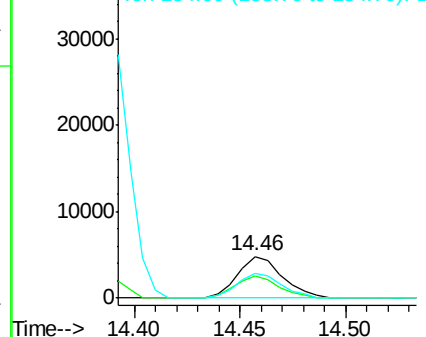
154 60.3 46.8 70.2

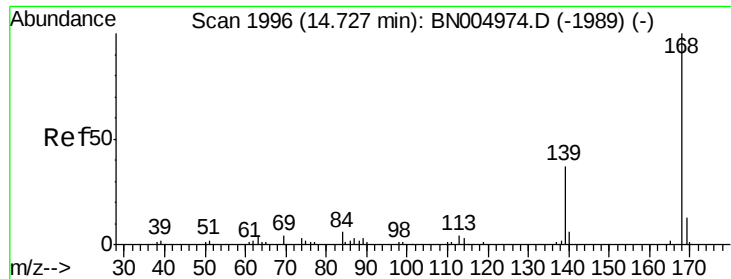


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E

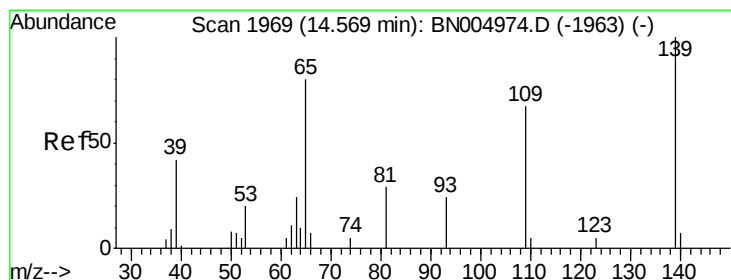
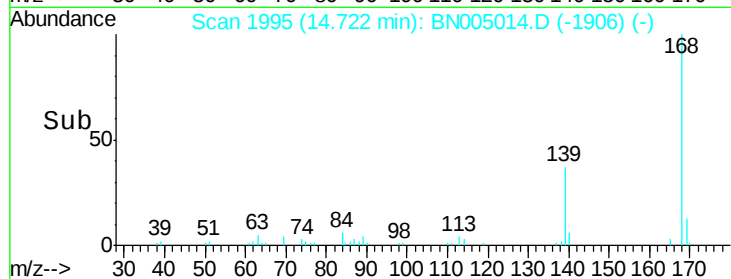
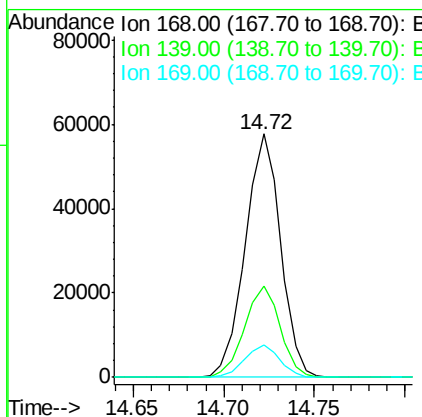
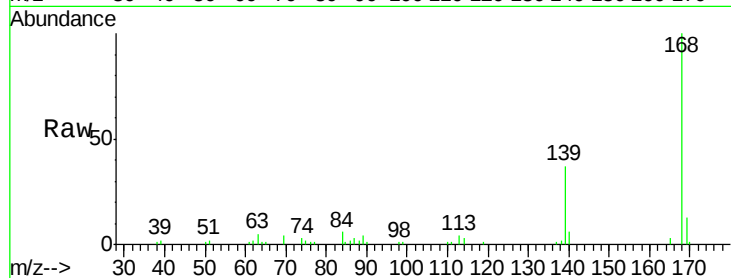




#55
Dibenzenofuran
Concen: 39.544 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

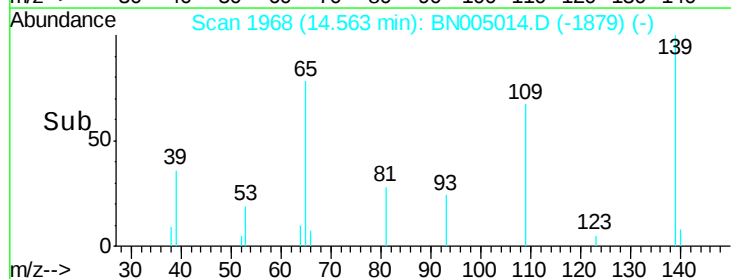
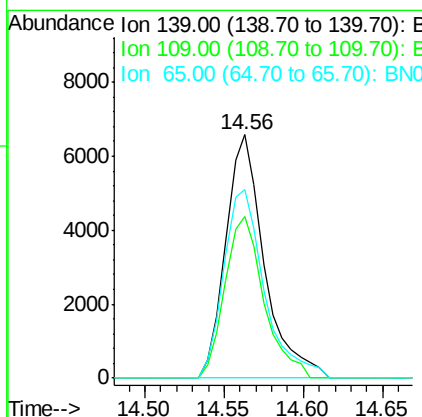
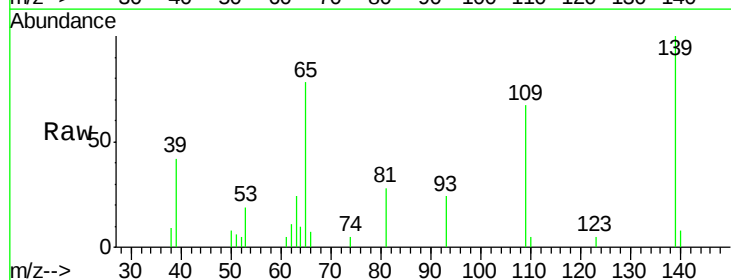
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

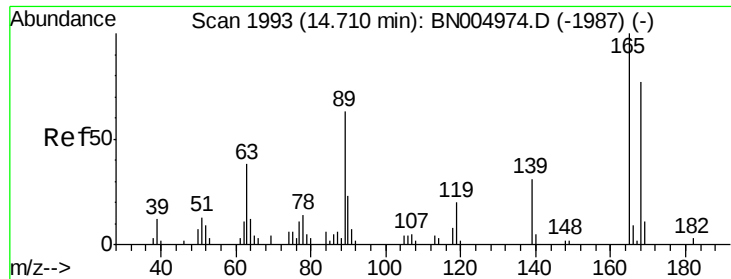
Tot Ion:168 Resp: 78209
Ion Ratio Lower Upper
168 100
139 37.5 29.9 44.9
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 36.535 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion:139 Resp: 11123
Ion Ratio Lower Upper
139 100
109 66.6 46.5 86.5
65 77.6 59.5 99.5

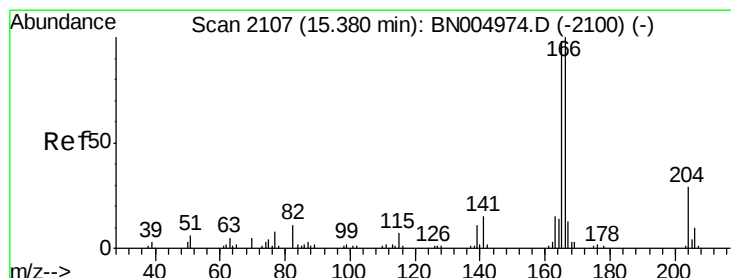
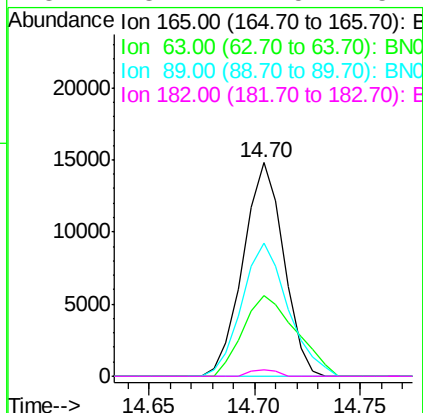
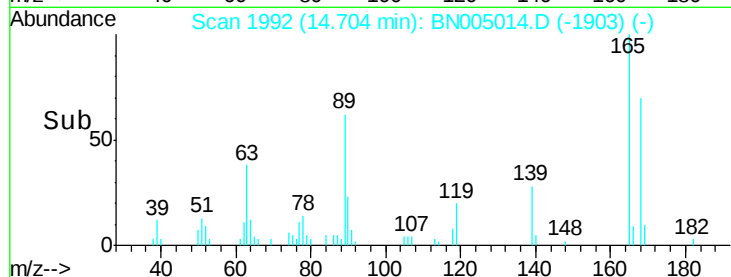
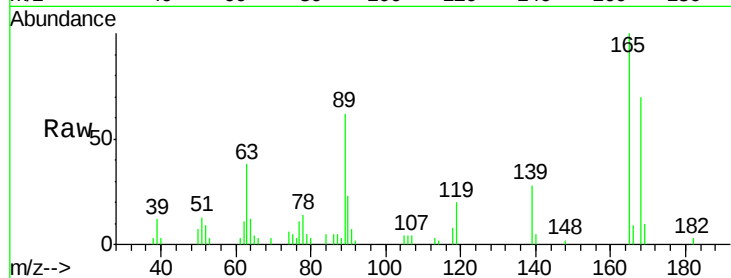




#57
 2,4-Dinitrotoluene
 Concen: 38.521 ng
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

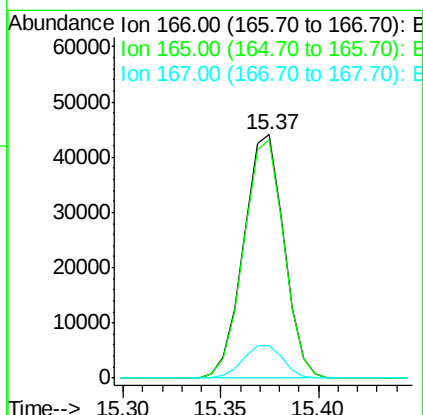
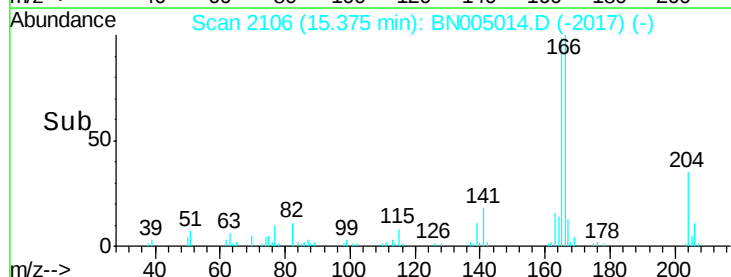
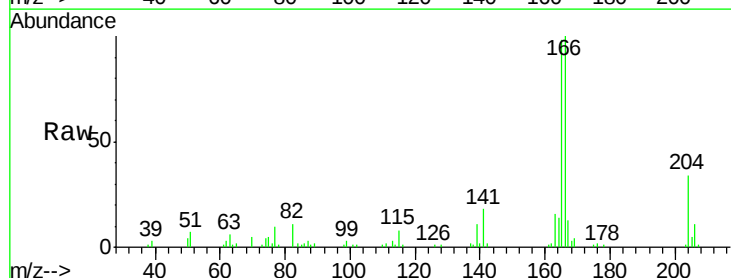
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

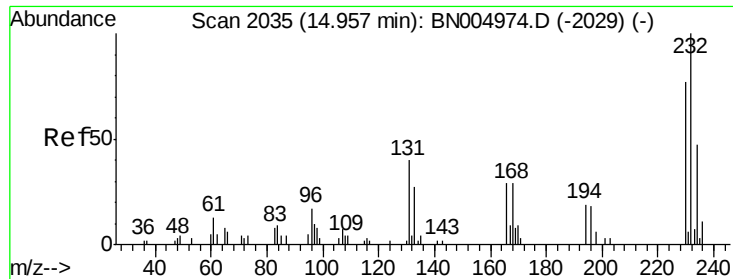
Tot Ion:165 Resp: 19795
 Ion Ratio Lower Upper
 165 100
 63 37.9 30.4 45.6
 89 62.2 50.7 76.1
 182 3.2 2.5 3.7



#58
 Fluorene
 Concen: 39.363 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:166 Resp: 62888
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.3 117.5
 167 13.2 10.6 15.8

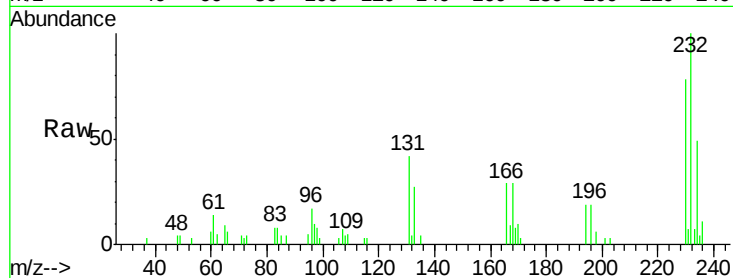




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.264 ng
RT: 14.95 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.4	48.6
130	0.0	0.9	1.3#
166	28.3	22.6	34.0

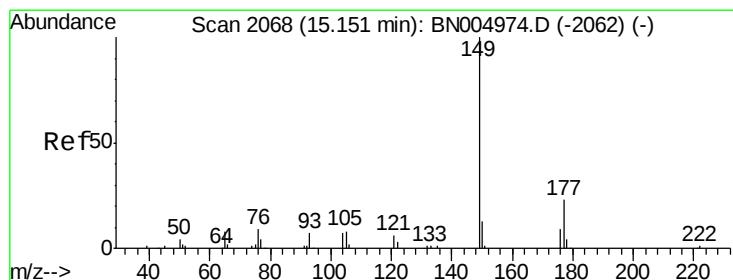
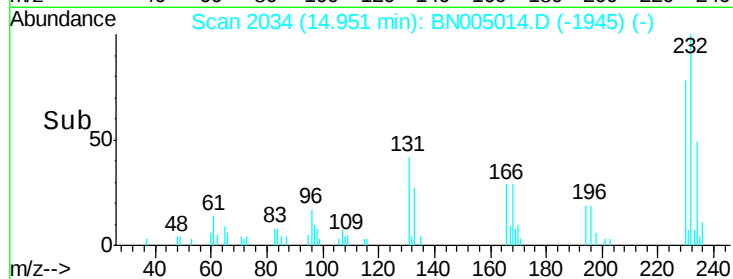
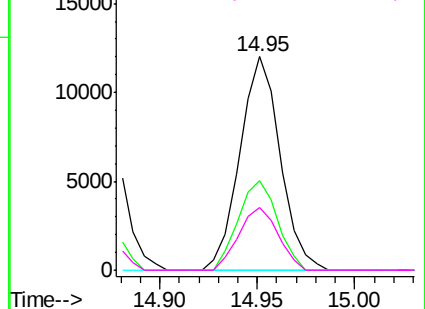


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

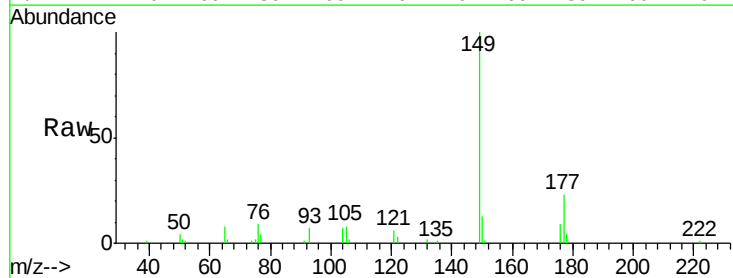
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.739 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

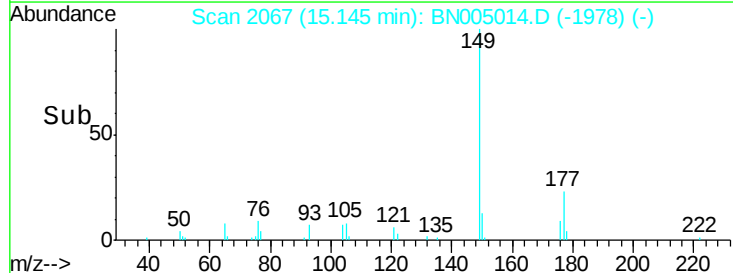
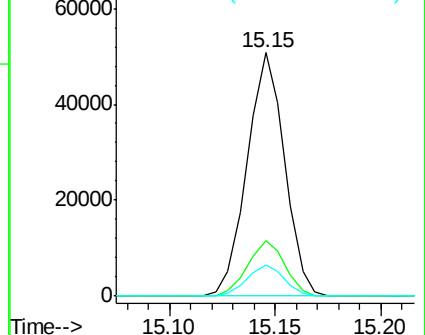
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.1	27.1
150	12.8	10.1	15.1

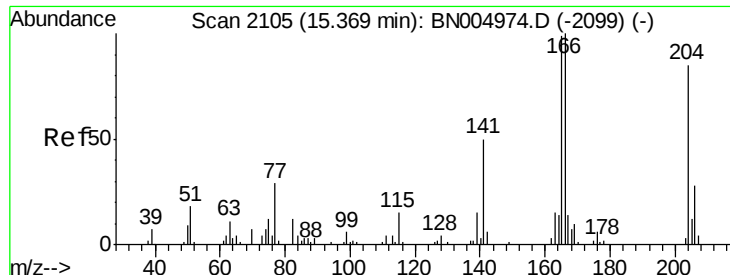


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

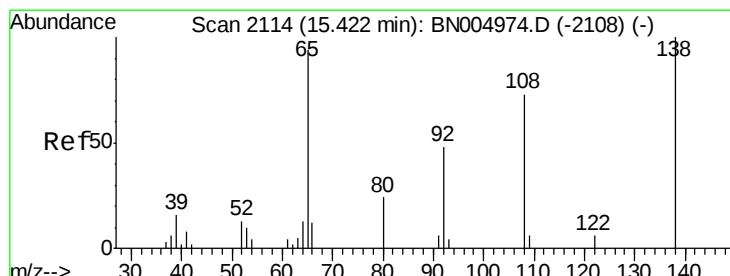
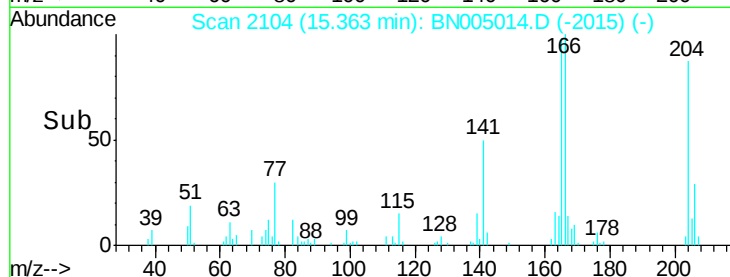
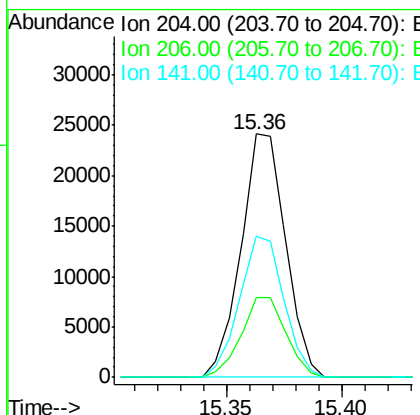
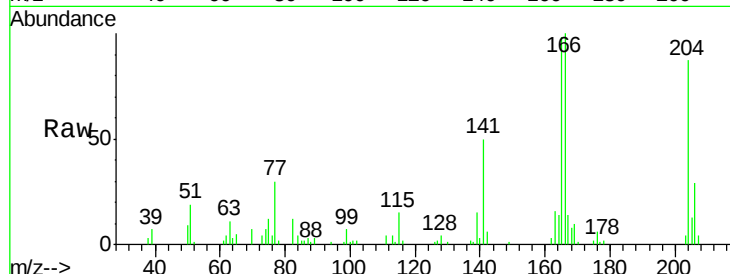




#61
 4-Chlorophenyl-phenylether
 Concen: 39.464 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

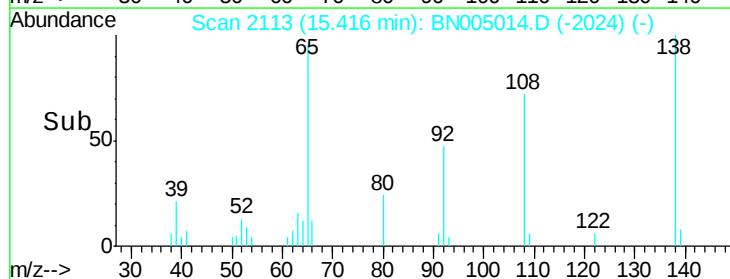
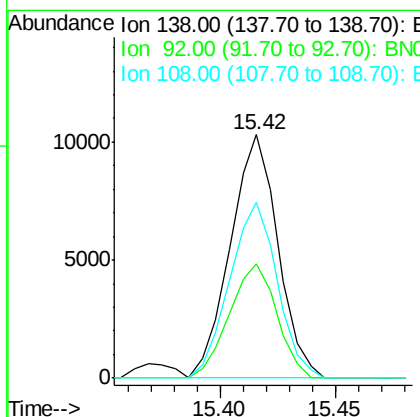
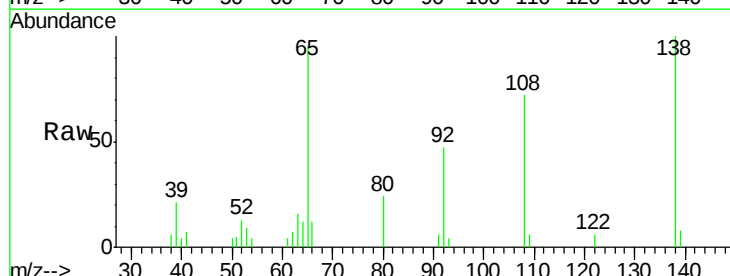
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

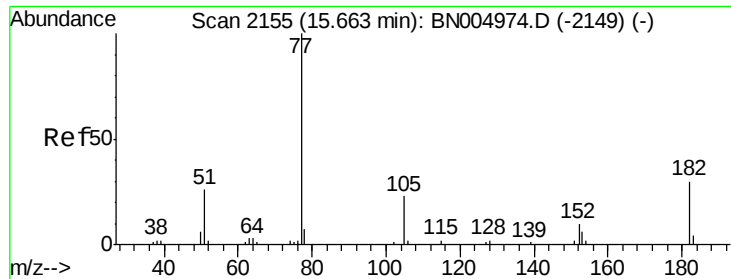
Tot Ion:204 Resp: 32526
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.5 39.7
 141 57.9 47.2 70.8



#62
 4-Nitroaniline
 Concen: 37.945 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:138 Resp: 14734
 Ion Ratio Lower Upper
 138 100
 92 47.1 26.4 66.4
 108 72.2 50.8 90.8





#63

Azobenzene

Concen: 38.226 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 52765

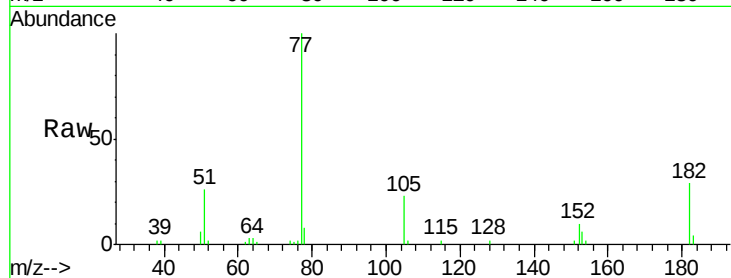
Ion Ratio Lower Upper

77 100

182 28.8 10.0 50.0

105 22.5 2.9 42.9

51 26.2 6.0 46.0

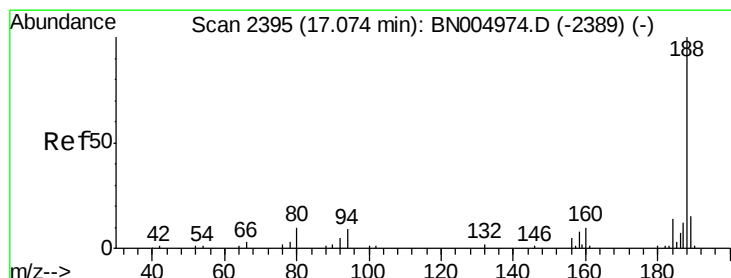
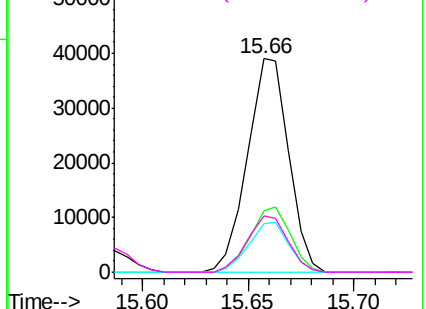
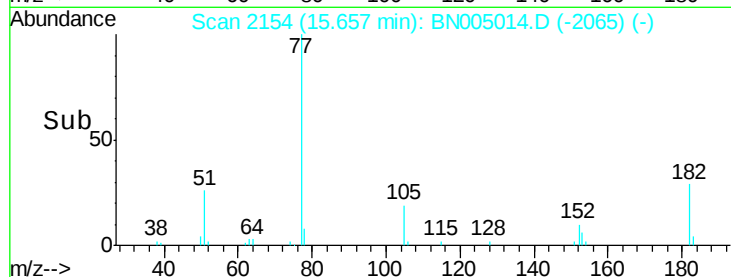


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

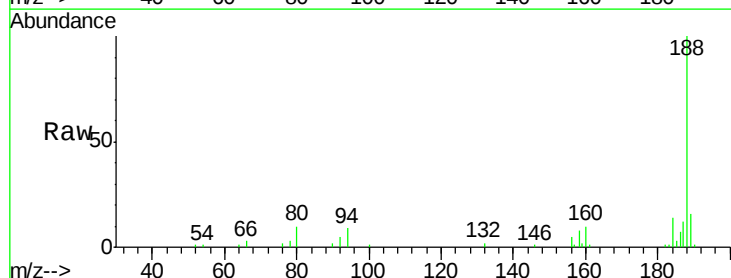
Tgt Ion: 188 Resp: 42642

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

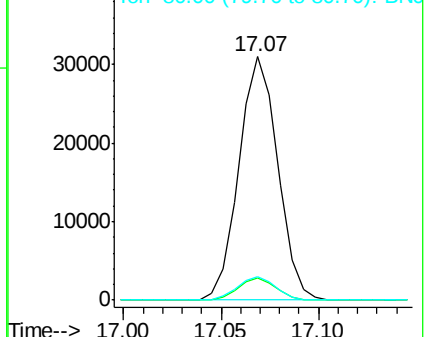
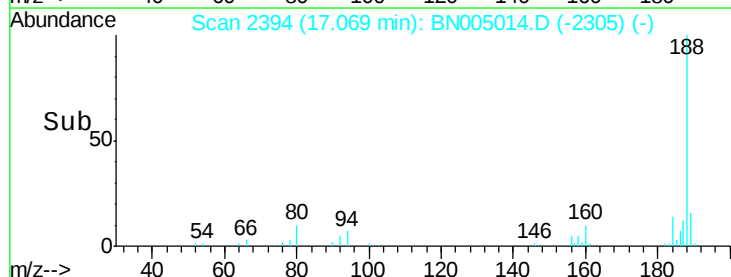
80 9.8 7.8 11.6

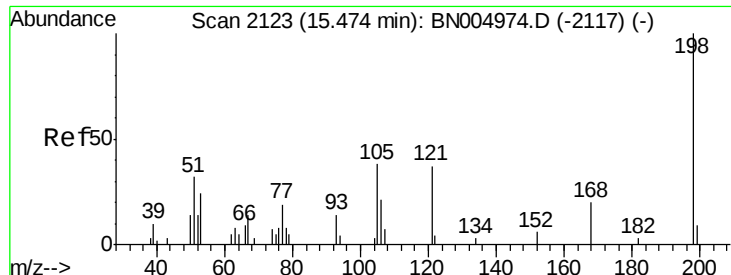


Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.026 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

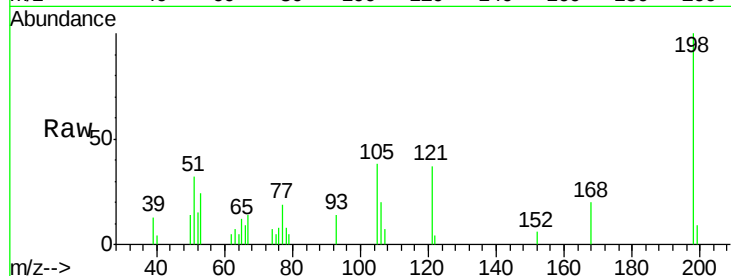
Tot Ion:198 Resp: 10699

Ion Ratio Lower Upper

198 100

51 31.6 12.0 52.0

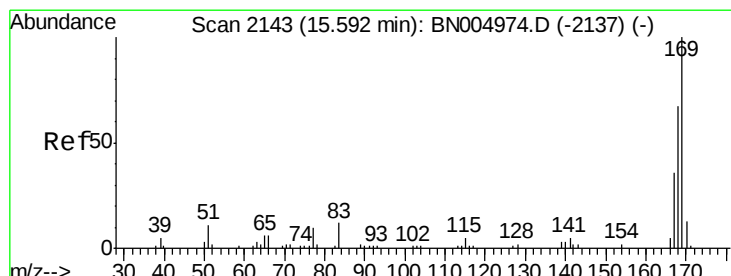
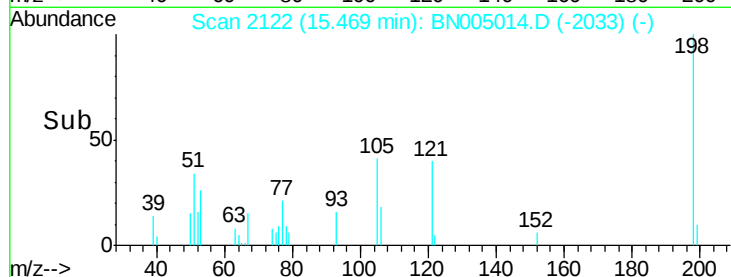
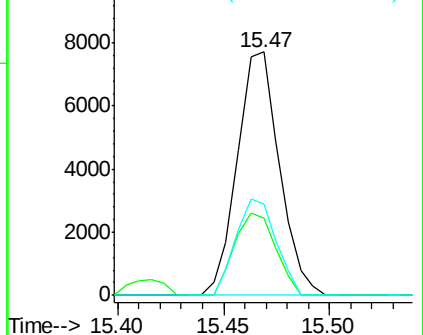
105 37.7 17.6 57.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.674 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

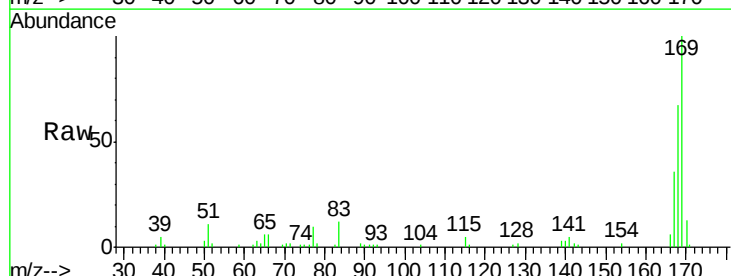
Tgt Ion:169 Resp: 53290

Ion Ratio Lower Upper

169 100

168 67.4 53.4 80.2

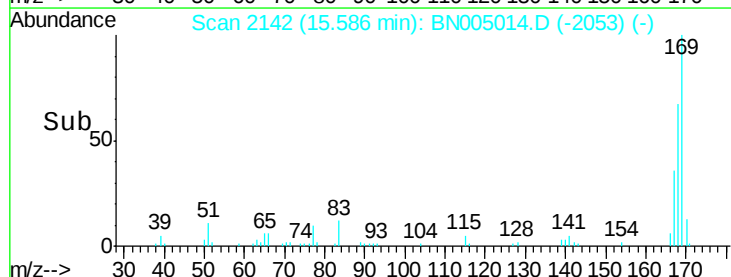
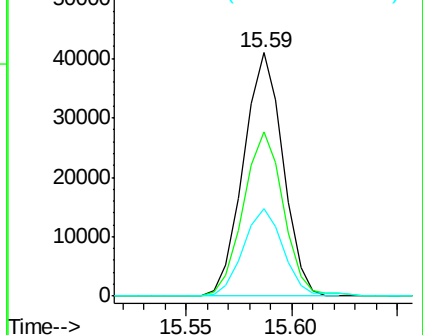
167 35.9 28.9 43.3

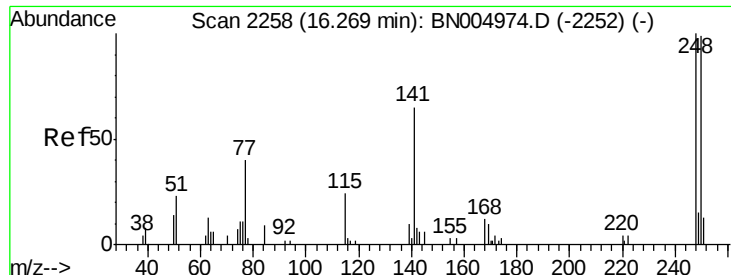


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

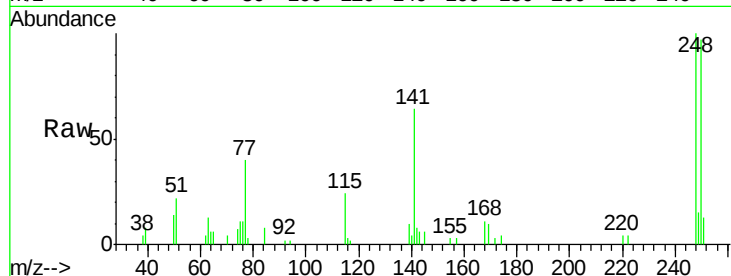




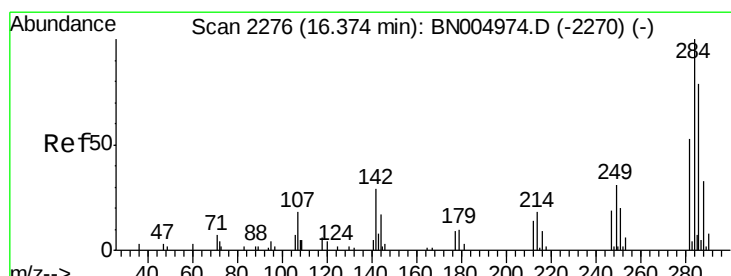
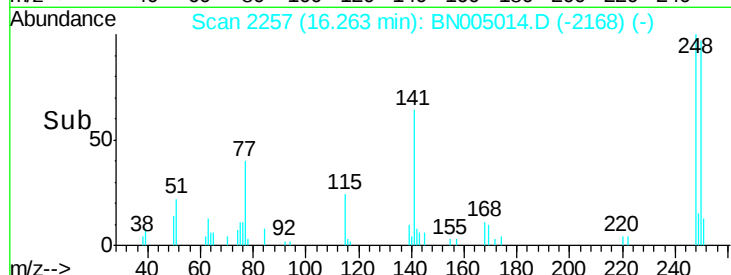
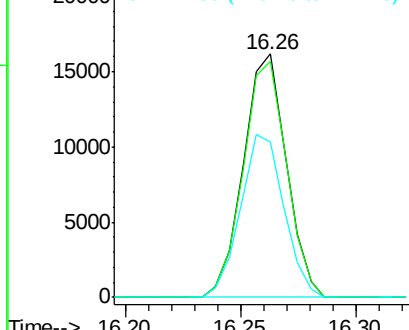
#67
 4-Bromophenyl-phenylether
 Concen: 39.404 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:248 Resp: 20968
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 64.0 52.3 78.5

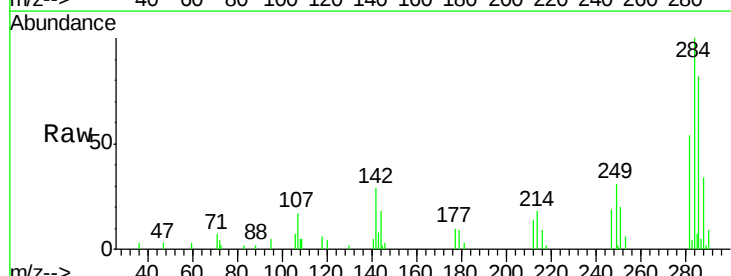


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

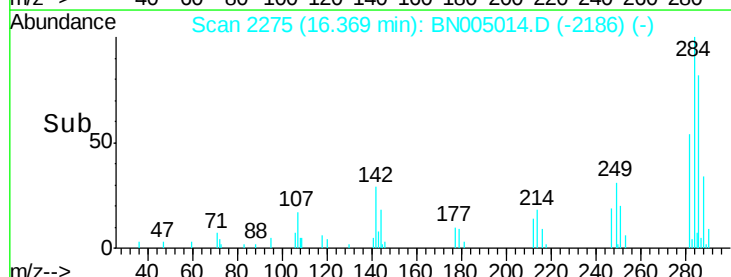
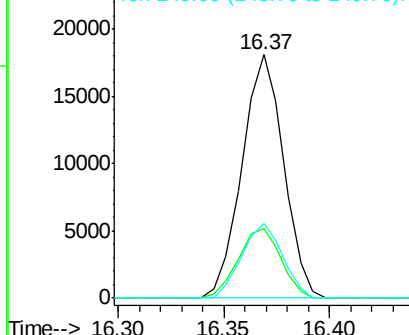


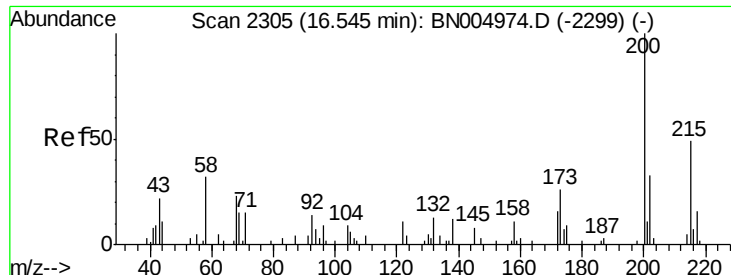
#68
 Hexachlorobenzene
 Concen: 39.745 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:284 Resp: 24778
 Ion Ratio Lower Upper
 284 100
 142 28.6 23.5 35.3
 249 30.5 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.759 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

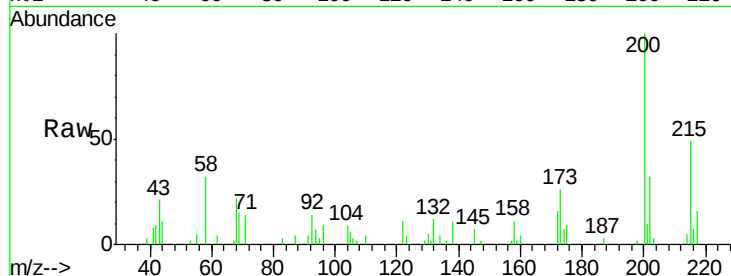
Tot Ion:200 Resp: 18600

Ion Ratio Lower Upper

200 100

173 26.0 6.4 46.4

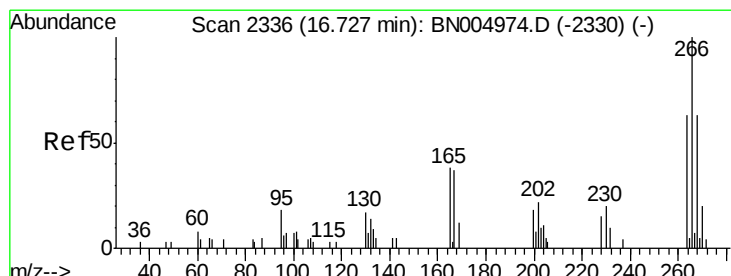
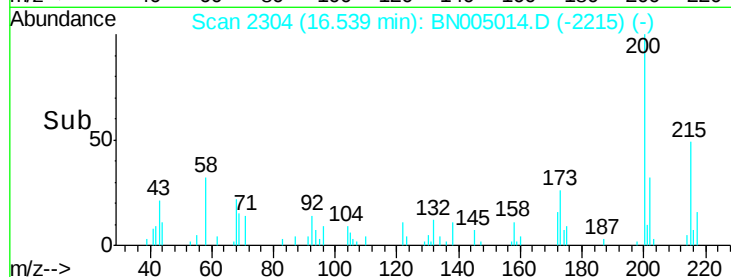
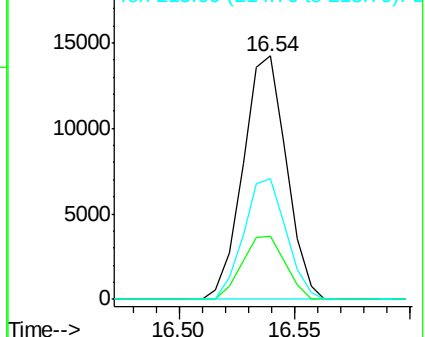
215 49.4 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.905 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

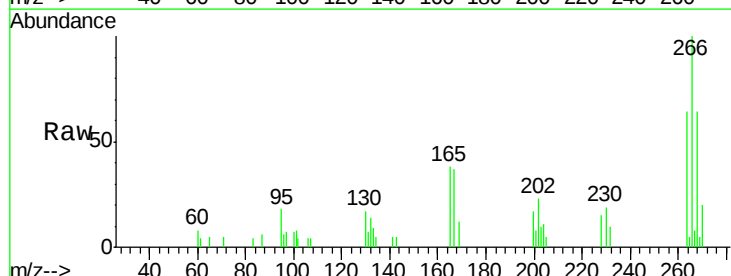
Tgt Ion:266 Resp: 12097

Ion Ratio Lower Upper

266 100

268 64.3 50.8 76.2

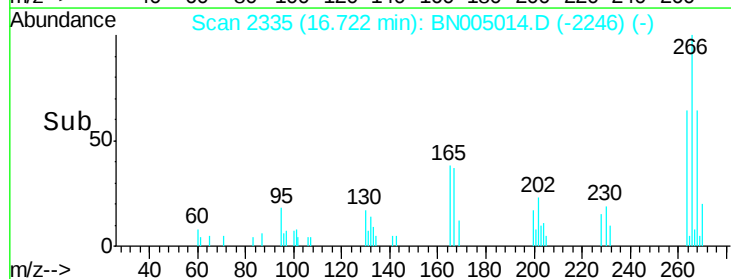
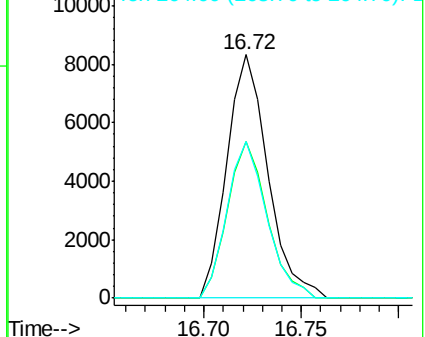
264 64.4 50.0 75.0

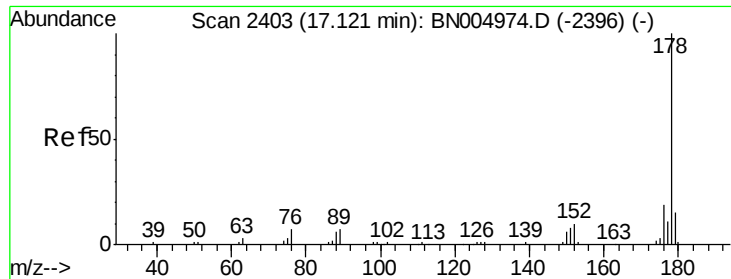


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

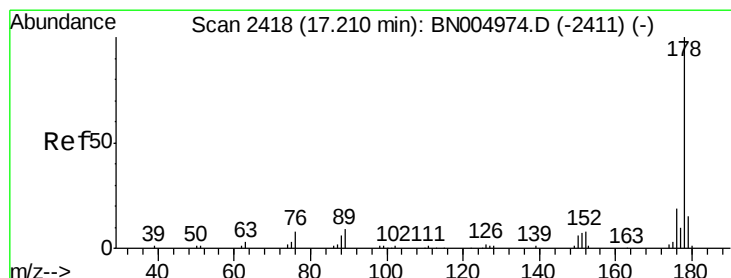
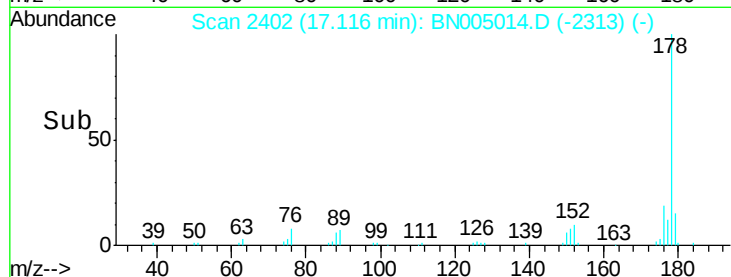
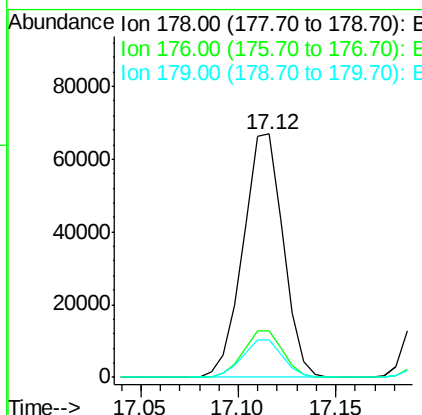
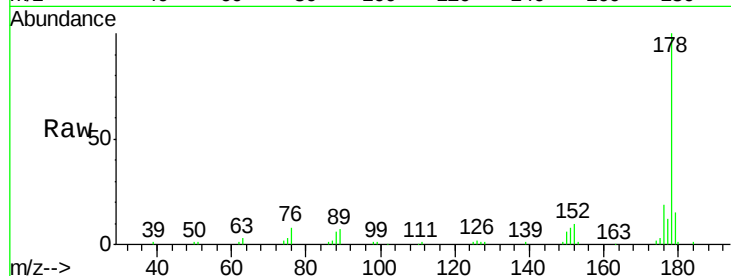




#71
Phenanthrene
Concen: 39.674 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

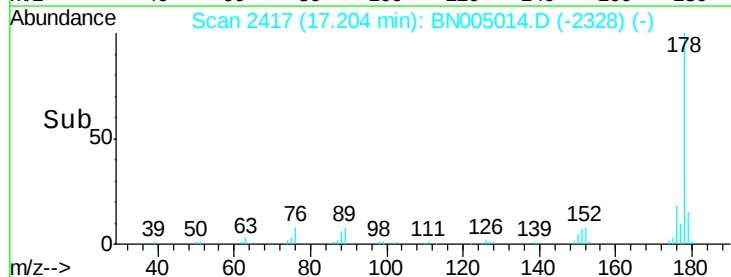
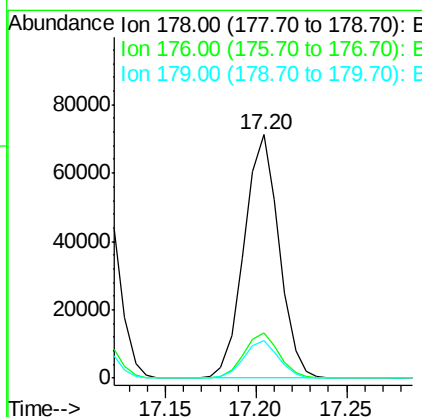
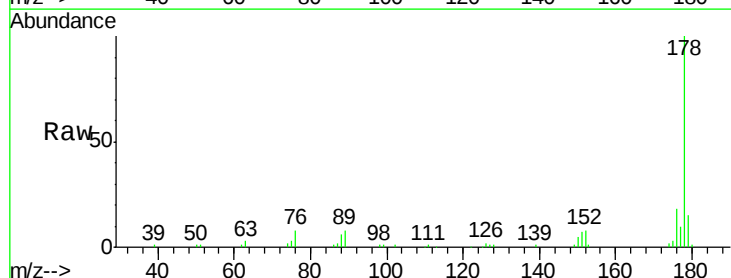
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

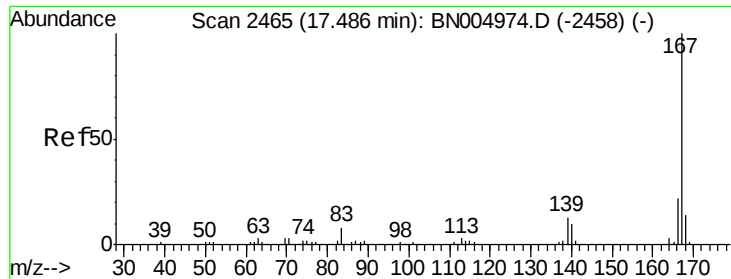
Tot Ion:178 Resp: 95059
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.2 12.3 18.5



#72
Anthracene
Concen: 39.938 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion:178 Resp: 95248
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.2 12.3 18.5

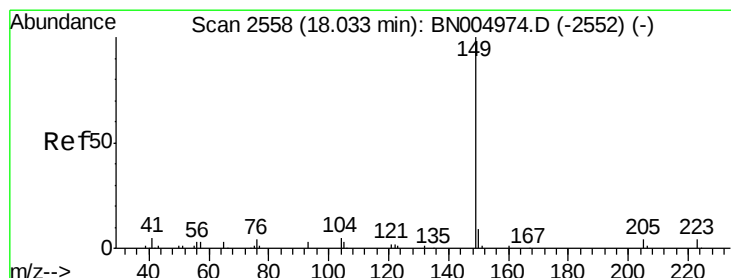
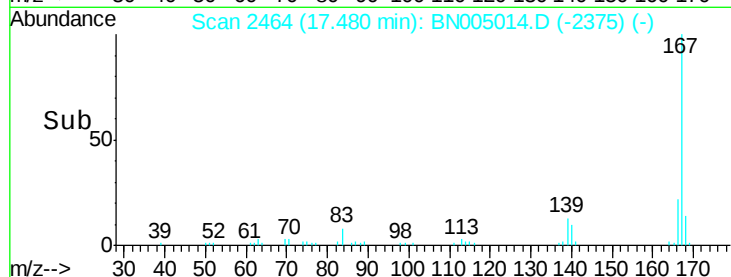
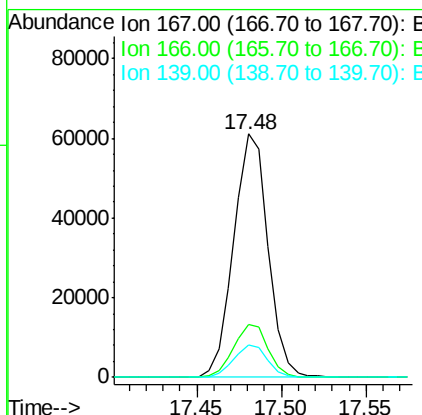
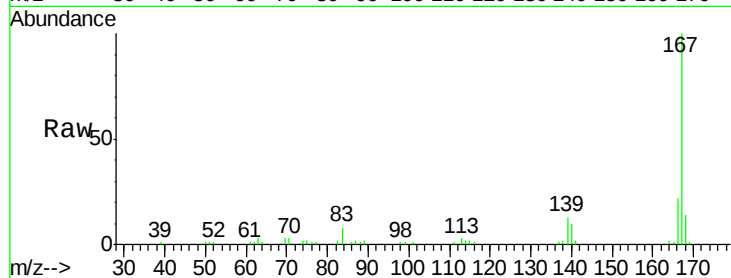




#73
 Carbazole
 Concen: 39.847 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

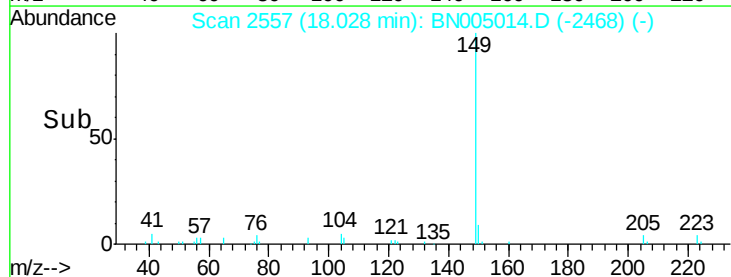
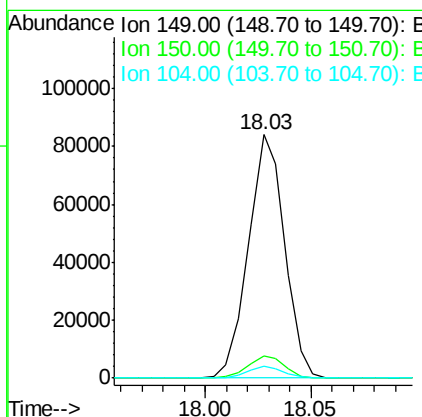
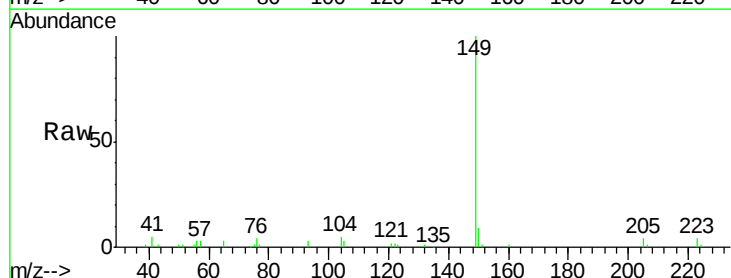
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

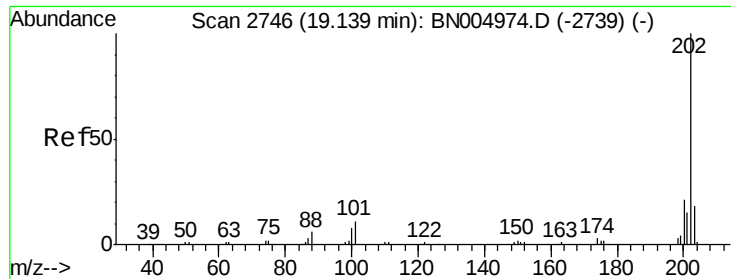
Tot Ion:167 Resp: 86499
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 37.870 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:149 Resp: 100143
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 40.267 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

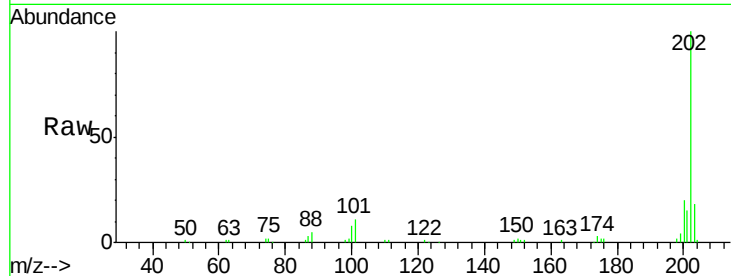
Tot Ion:202 Resp: 110066

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

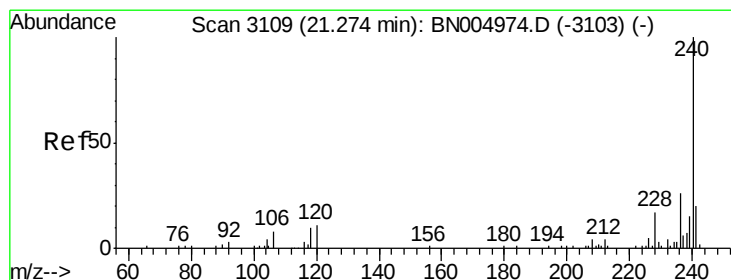
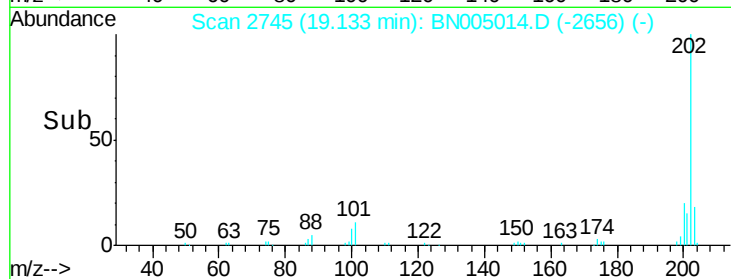
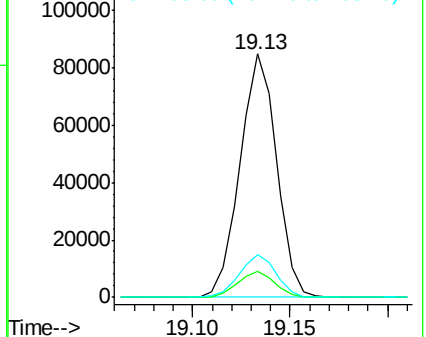
203 17.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

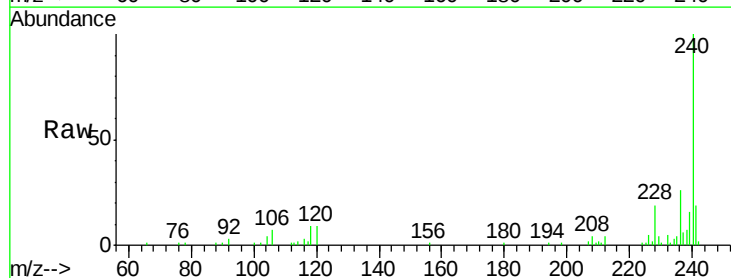
Tgt Ion:240 Resp: 47875

Ion Ratio Lower Upper

240 100

120 9.5 8.5 12.7

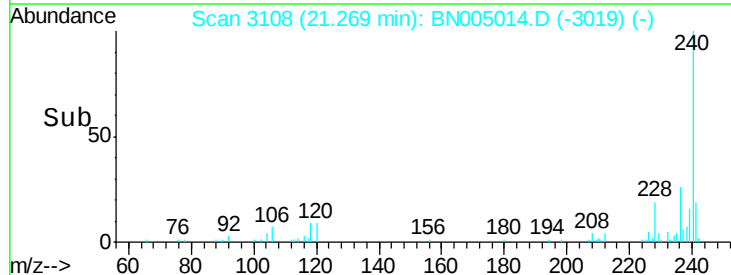
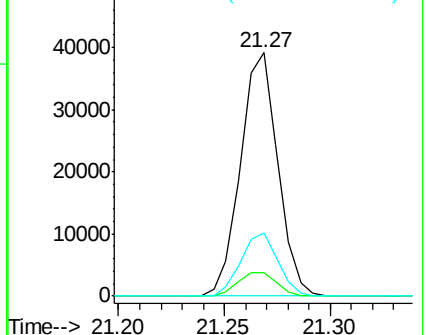
236 25.9 21.2 31.8

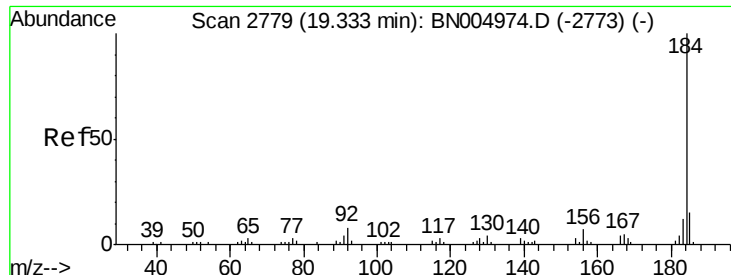


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.813 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

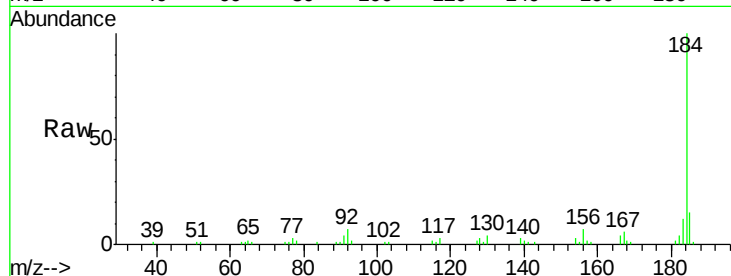
Tot Ion:184 Resp: 51942

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.8

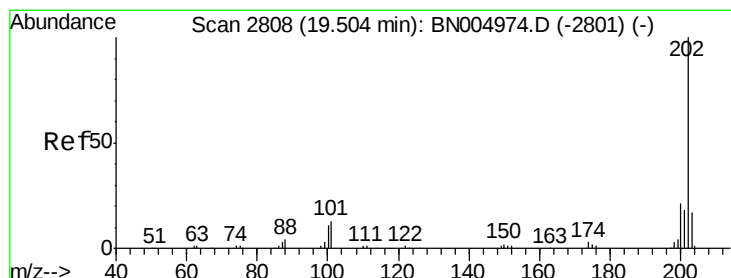
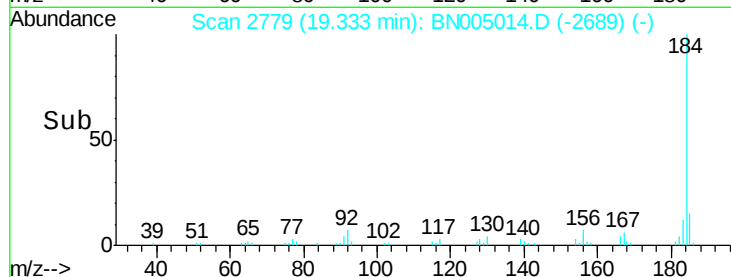
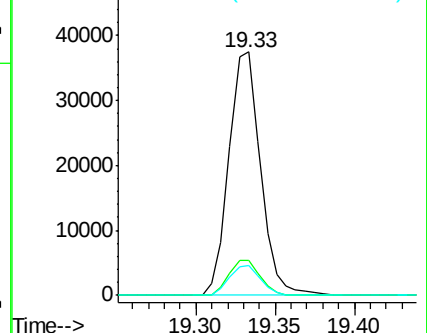
183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.181 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

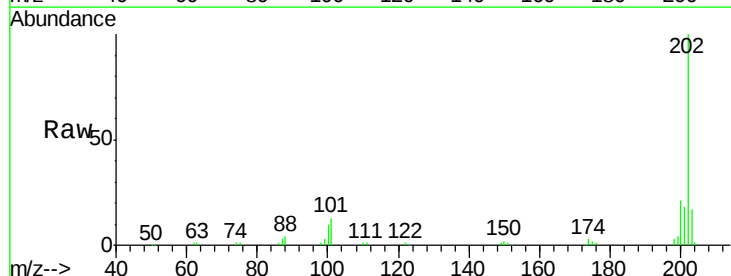
Tgt Ion:202 Resp: 112464

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

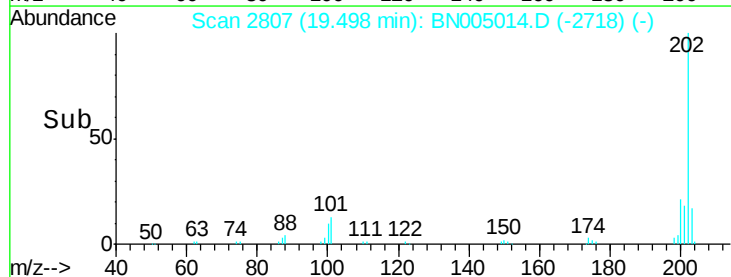
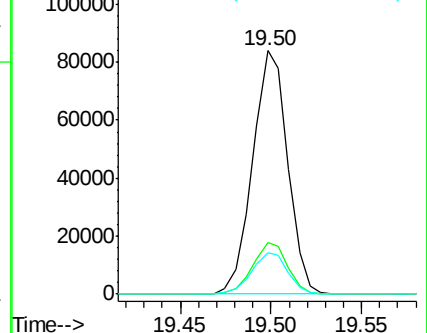
203 17.2 14.0 21.0

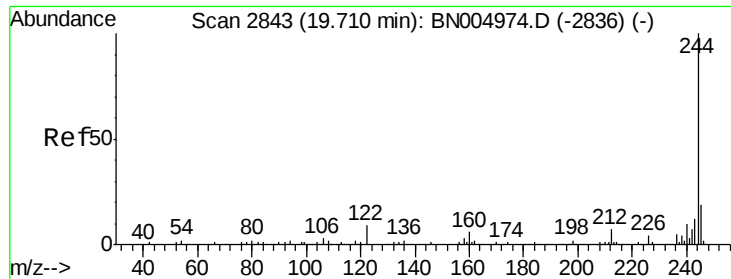


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.360 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

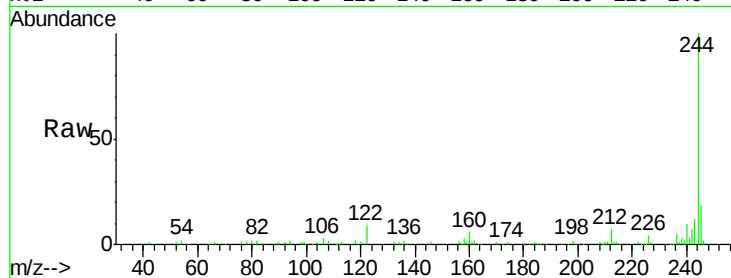
Tot Ion:244 Resp: 177450

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

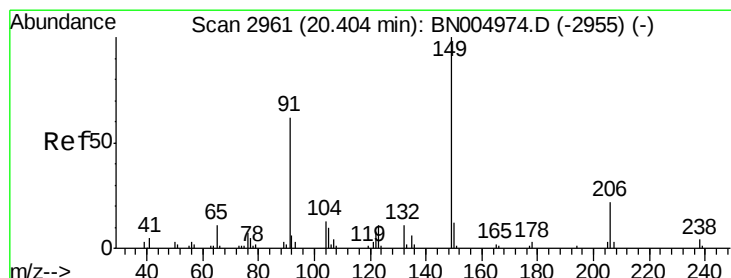
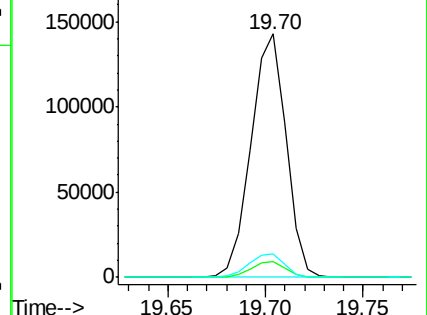
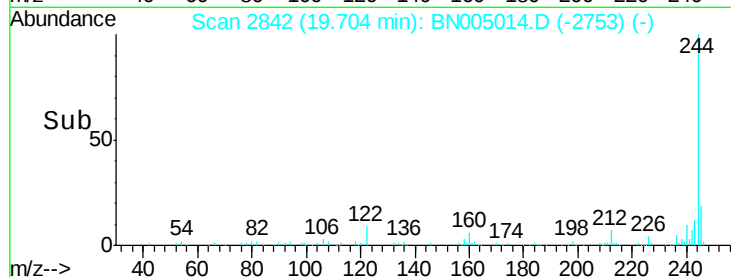
122 9.4 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.698 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

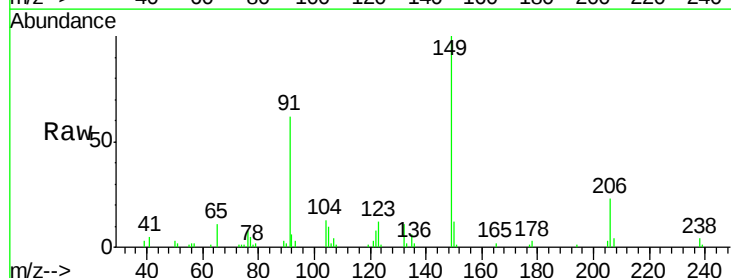
Tgt Ion:149 Resp: 45070

Ion Ratio Lower Upper

149 100

91 62.4 49.3 73.9

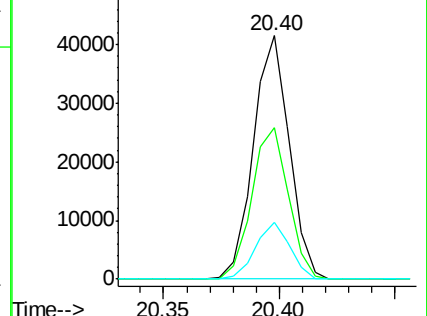
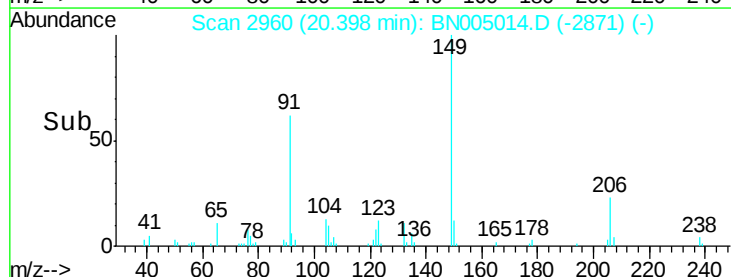
206 23.2 17.9 26.9

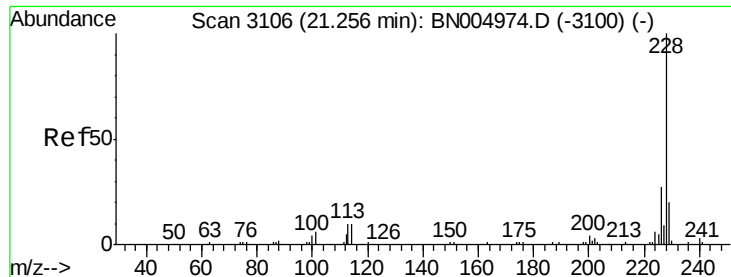


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.863 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

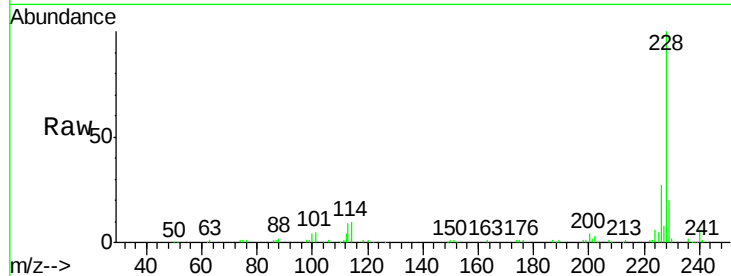
Tot Ion:228 Resp: 115896

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

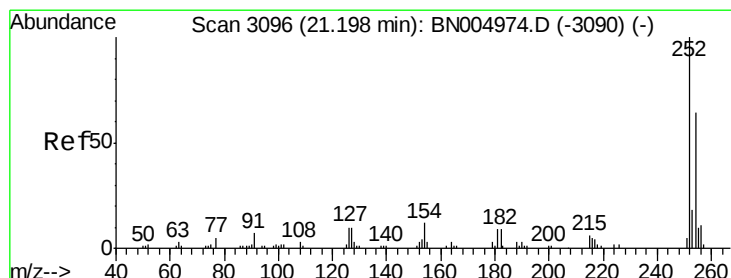
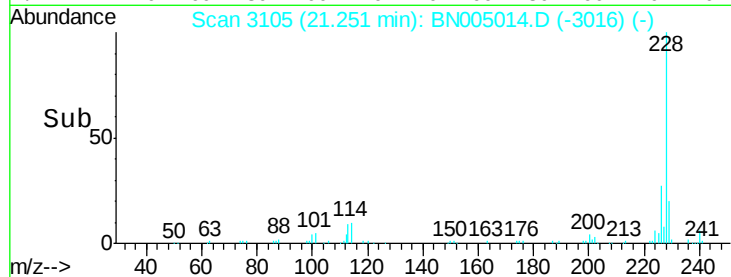
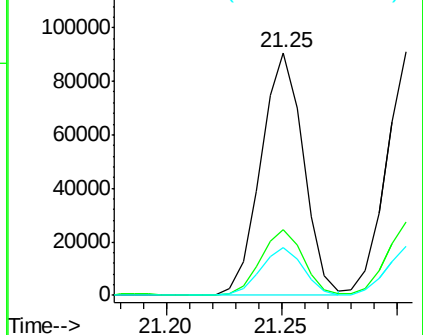
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.743 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

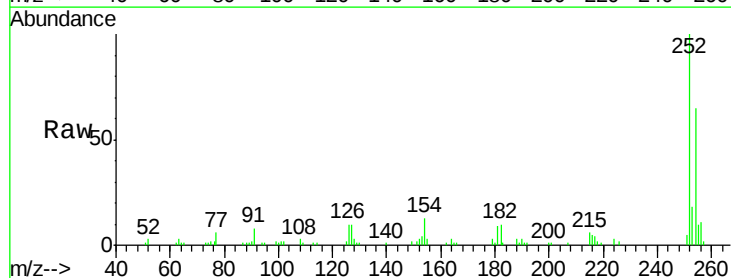
Tgt Ion:252 Resp: 45435

Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

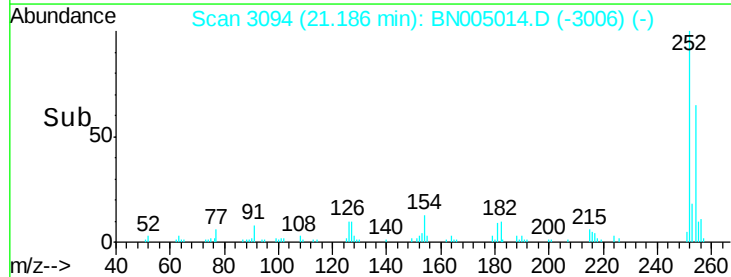
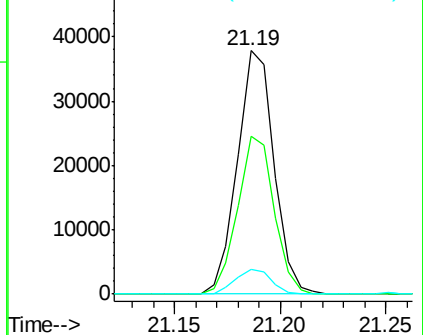
126 10.4 7.9 11.9

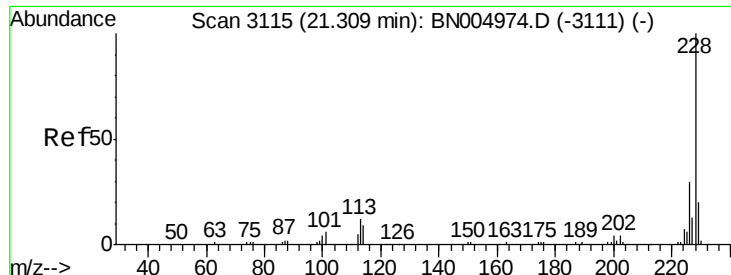


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

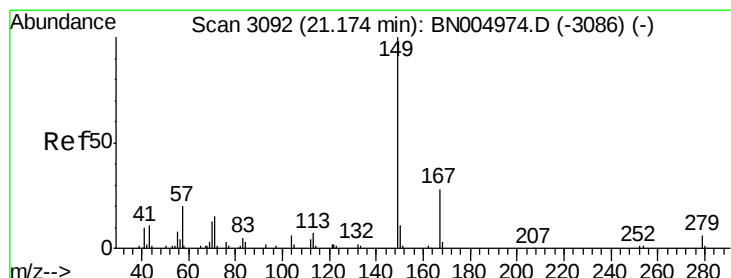
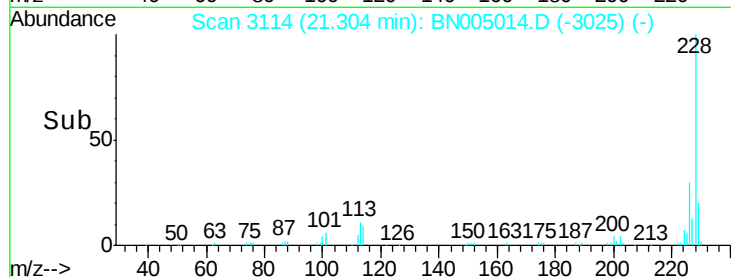
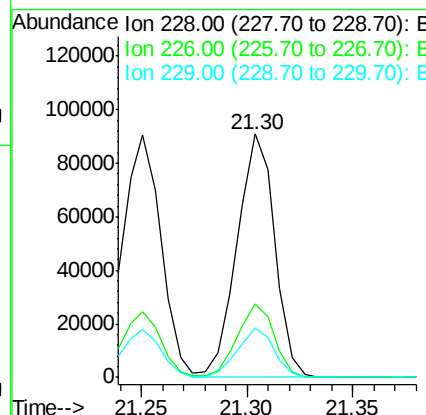
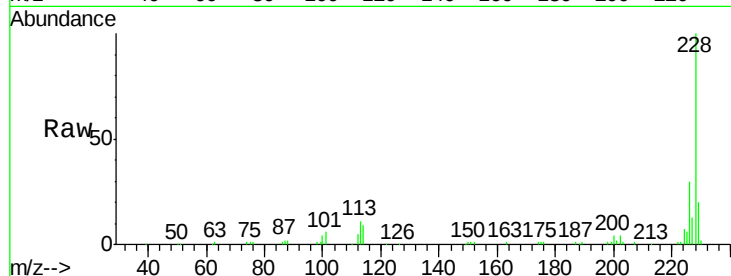




#83
 Chrysene
 Concen: 39.261 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

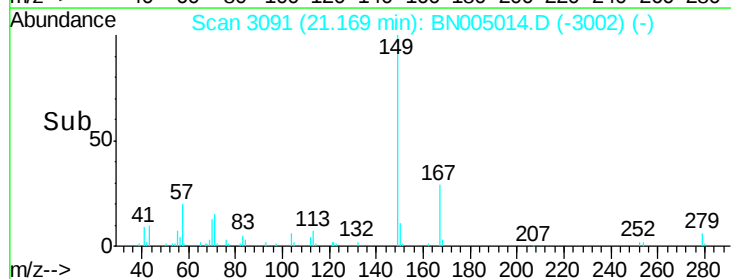
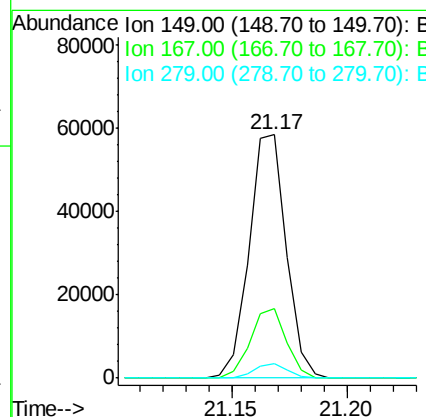
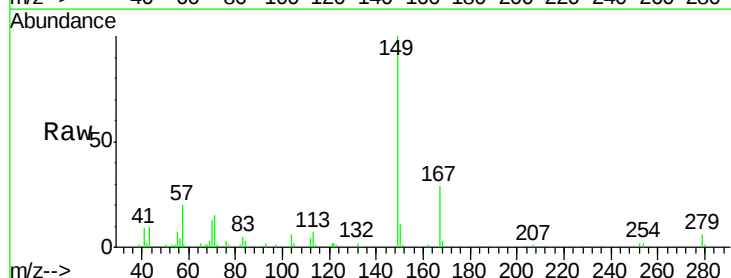
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040EC

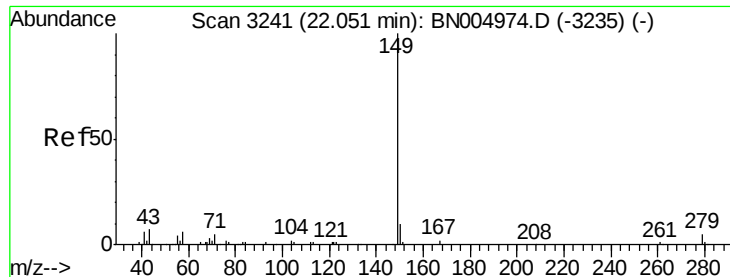
Tot Ion:228 Resp: 111833
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 20.2 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.396 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN005014.D
 Acq: 28 Mar 2019 02:59

Tgt Ion:149 Resp: 65411
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.5 33.7
 279 6.0 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 39.297 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

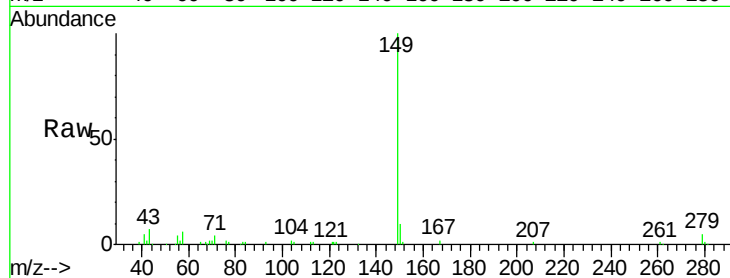
Tot Ion:149 Resp: 113976

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

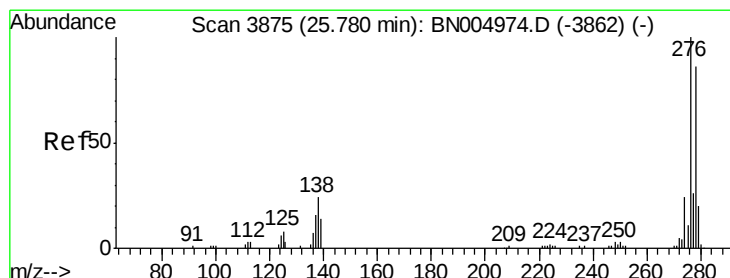
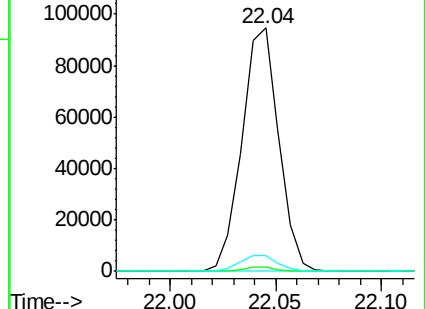
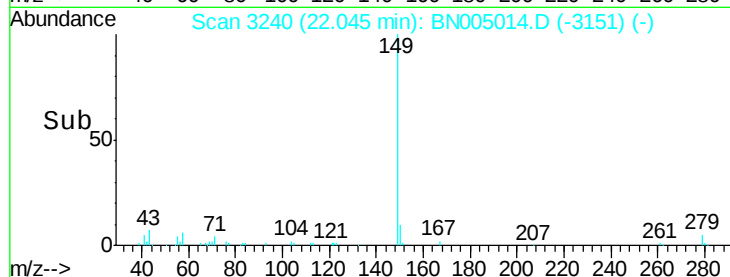
43 6.8 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.257 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

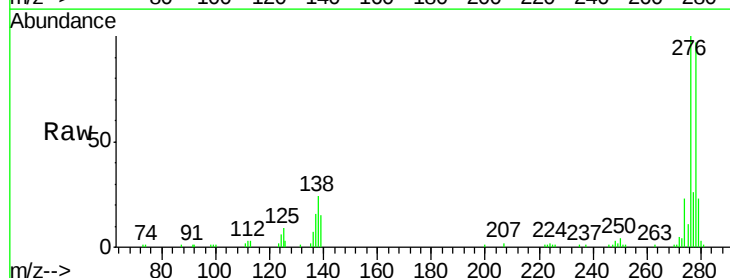
Tgt Ion:276 Resp: 159399

Ion Ratio Lower Upper

276 100

138 23.0 18.5 27.7

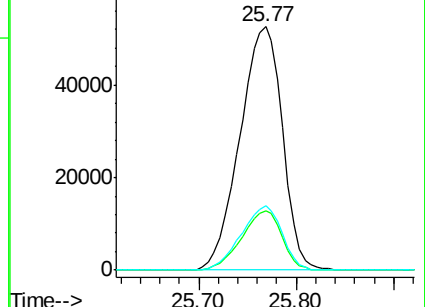
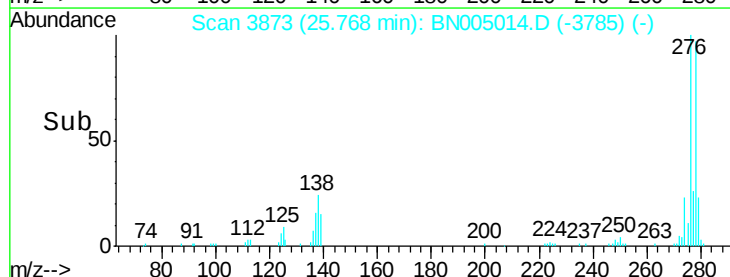
277 25.5 20.4 30.6

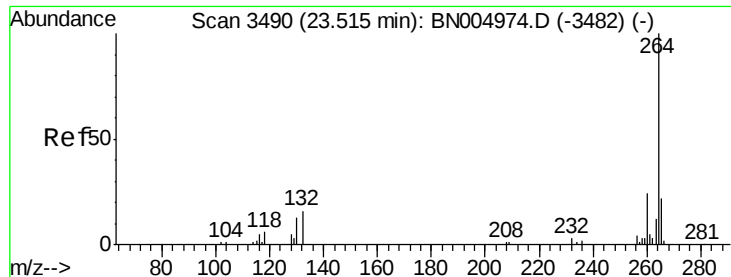


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

Instrument :

BNA_N

ClientSampleId :

SSTDCCC040EC

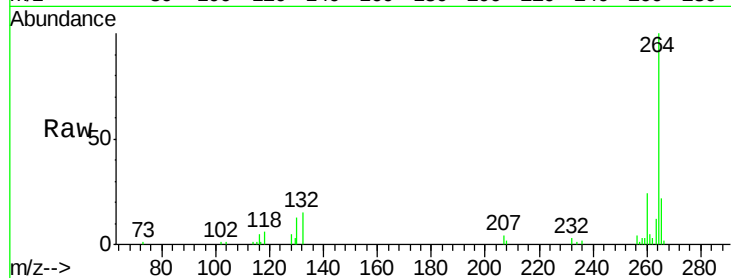
Tot Ion:264 Resp: 54126

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

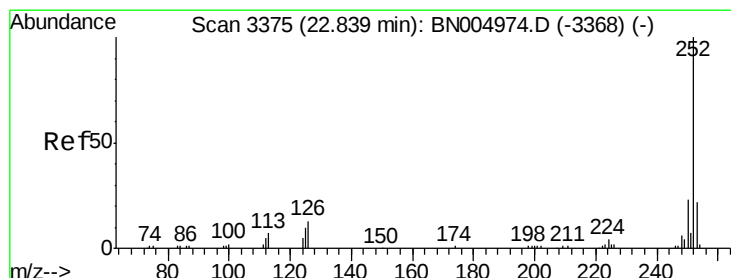
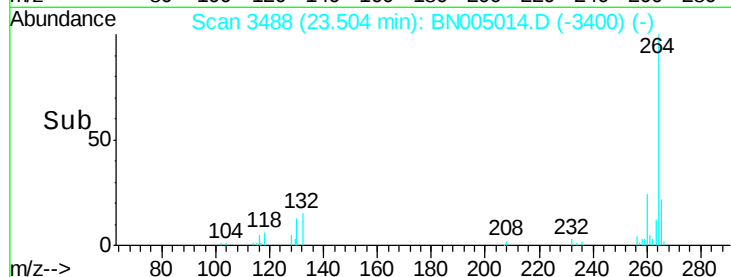
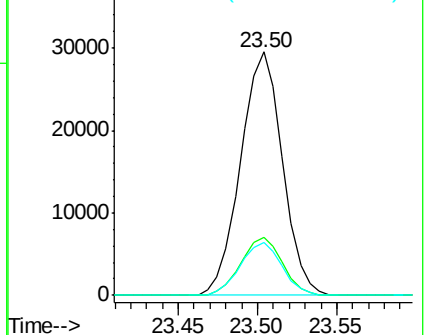
265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.537 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BN005014.D

Acq: 28 Mar 2019 02:59

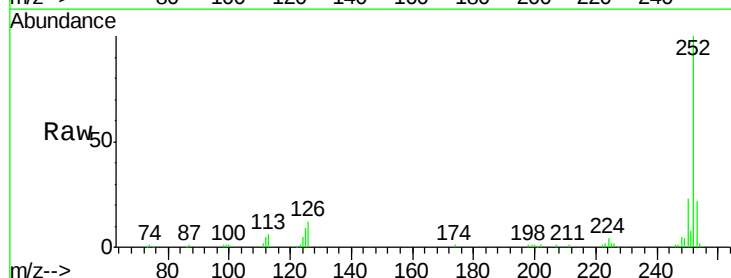
Tgt Ion:252 Resp: 125060

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

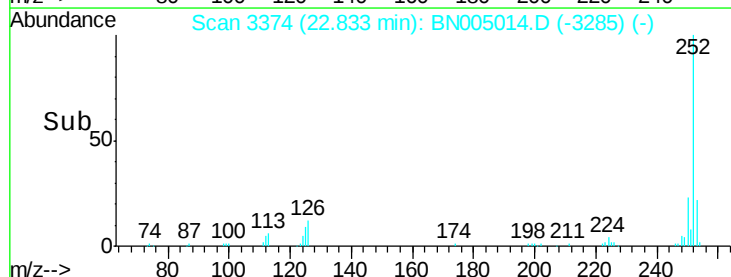
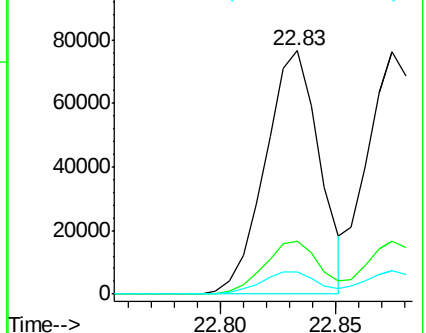
125 9.1 8.1 12.1

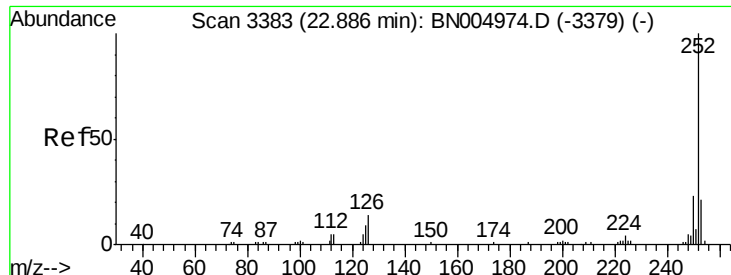


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

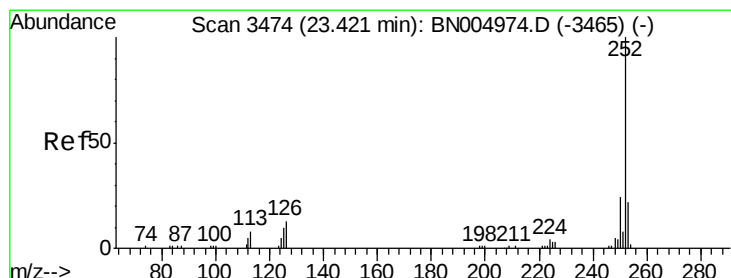
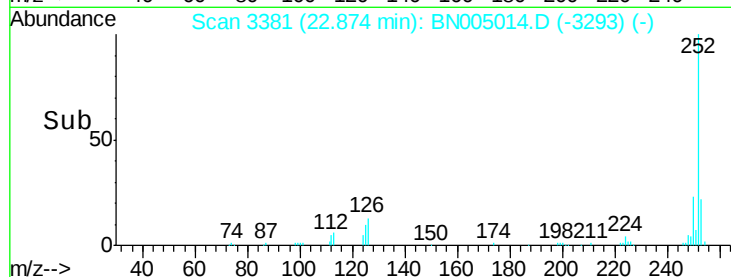
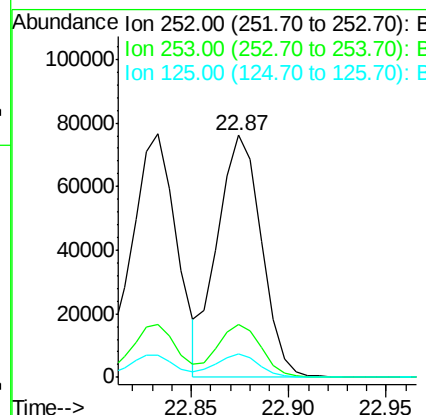
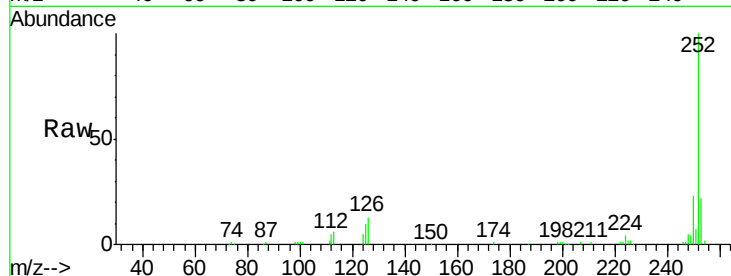




#89
Benzo(k)fluoranthene
Concen: 39.140 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

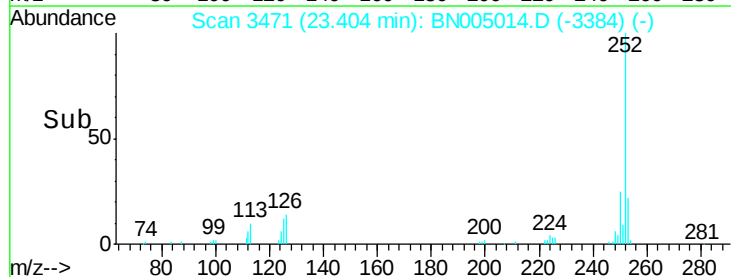
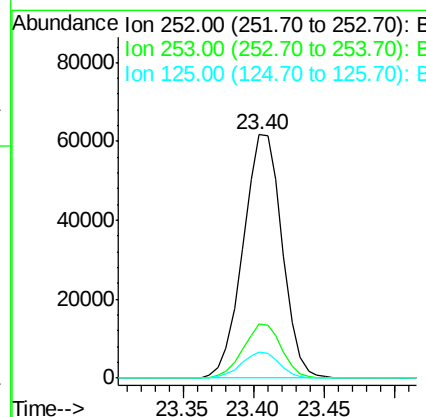
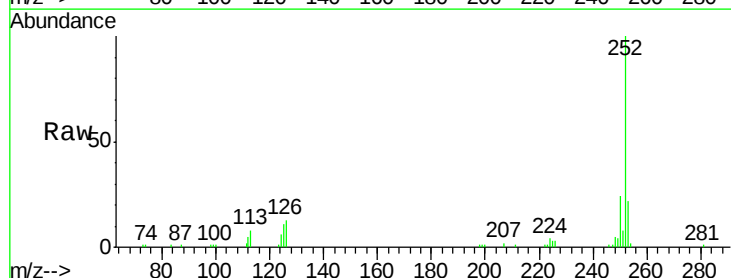
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

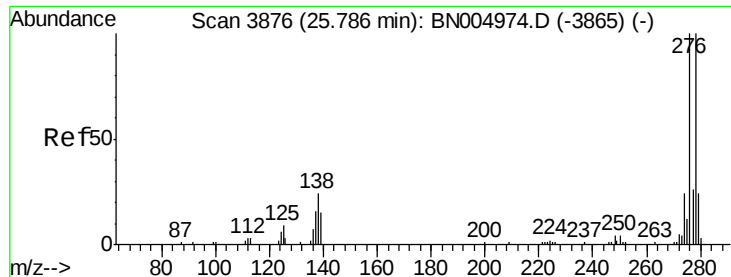
Tot Ion:252 Resp: 119580
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 39.176 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.02 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion:252 Resp: 119439
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.8 8.2 12.4



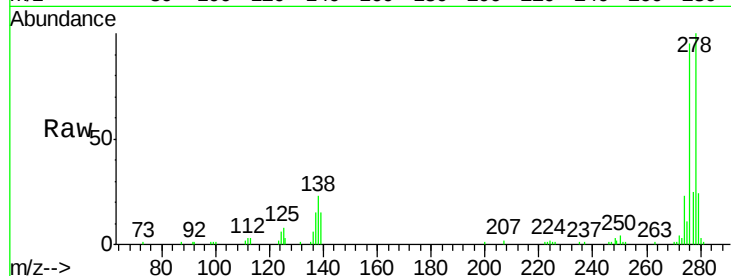


#91
Dibenzo(a,h)anthracene
Concen: 42.917 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

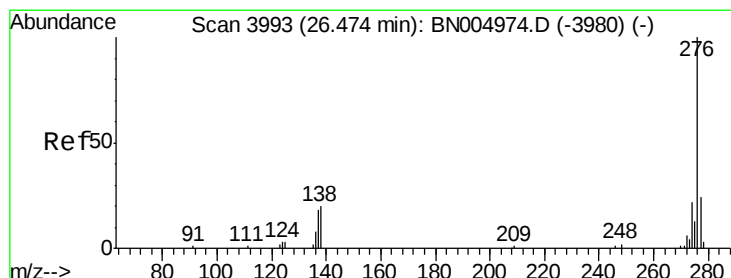
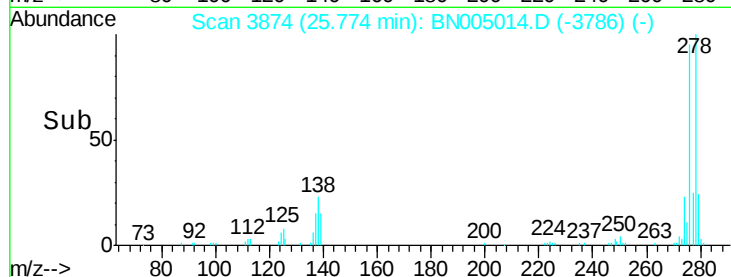
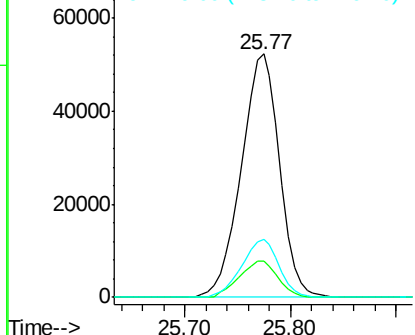
Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 131357

Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.8	17.8
279	23.8	19.3	28.9



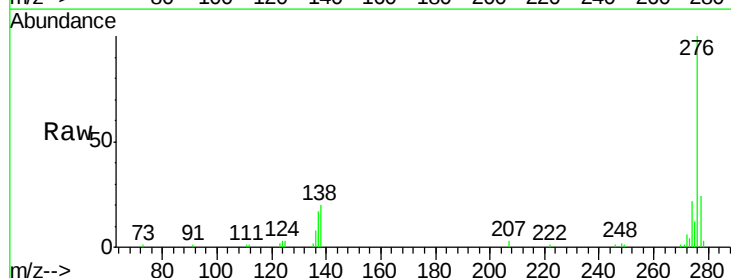
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.856 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BN005014.D
Acq: 28 Mar 2019 02:59

Tgt Ion:276 Resp: 129722

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	20.1	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

