

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005004.D
 Acq On : 27 Mar 2019 21:02
 Operator : JU/SJ
 Sample : PB118322BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Quant Time: Mar 28 04:52:06 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	9619	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38225	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	19910	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	37971	20.00	ng	0.00
76) Chrysene-d12	21.27	240	30281	20.00	ng	0.00
87) Perylene-d12	23.50	264	28216	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	72508	130.32	ng	0.00
7) Phenol-d6	6.86	99	89810	121.71	ng	0.00
23) Nitrobenzene-d5	8.84	82	48464	76.69	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	37520	116.84	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	122867	81.78	ng	0.00
79) Terphenyl-d14	19.70	244	134829	85.72	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	11073	54.614	ng	# 91
3) Pyridine	3.60	79	20817	36.741	ng	99
4) n-Nitrosodimethylamine	3.53	42	7296	39.499	ng	99
6) Aniline	7.02	93	30493	32.450	ng	100
8) 2-Chlorophenol	7.25	128	28206	39.936	ng	99
9) Benzaldehyde	6.83	77	7804	18.404	ng	99
10) Phenol	6.88	94	31349	39.646	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	23271	38.057	ng	98
12) 1,3-Dichlorobenzene	7.56	146	29775	38.694	ng	99
13) 1,4-Dichlorobenzene	7.71	146	30485	39.138	ng	99
14) 1,2-Dichlorobenzene	8.02	146	29022	38.933	ng	99
15) Benzyl Alcohol	7.92	79	20918	37.259	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	27756	37.623	ng	99
17) 2-Methylphenol	8.12	107	22071	40.038	ng	98
18) Hexachloroethane	8.73	117	10613	38.442	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	17449	36.070	ng	99
20) 3+4-Methylphenols	8.45	107	28993	38.737	ng	98
22) Acetophenone	8.50	105	36914	42.305	ng	# 100
24) Nitrobenzene	8.88	77	26269	41.077	ng	100
25) Isophorone	9.39	82	47678	38.730	ng	99
26) 2-Nitrophenol	9.59	139	14801	39.860	ng	98
27) 2,4-Dimethylphenol	9.64	122	24393	47.184	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	30809	40.393	ng	99
29) 2,4-Dichlorophenol	10.11	162	25274	42.536	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	27655	42.252	ng	99
31) Naphthalene	10.51	128	82571	41.403	ng	100
32) Benzoic acid	9.80	122	12653	32.433	ng	99
33) 4-Chloroaniline	10.63	127	13492	16.628	ng	99
34) Hexachlorobutadiene	10.77	225	17456	41.218	ng	99
35) Caprolactam	11.42	113	6281	32.284	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	24591	38.311	ng	99
37) 2-Methylnaphthalene	12.13	142	58020	41.199	ng	99
38) 1-Methylnaphthalene	12.35	142	54762	39.739	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	31246	44.246	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	44464	109.512	nq	98
43) 2,4,6-Trichlorophenol	12.75	196	19425	44.330	nq	99
44) 2,4,5-Trichlorophenol	12.82	196	20172	42.256	nq	99
46) 1,1'-Biphenyl	13.15	154	73174	43.424	nq	99
47) 2-Chloronaphthalene	13.19	162	56512	43.702	nq	99
48) 2-Nitroaniline	13.42	65	13331	38.727	nq	99
49) Acenaphthylene	14.04	152	88288	40.593	nq	100
50) Dimethylphthalate	13.79	163	64908	39.681	nq	99
51) 2,6-Dinitrotoluene	13.92	165	14426	38.757	nq	95
52) Acenaphthene	14.39	154	50491	41.268	nq	100
53) 3-Nitroaniline	14.25	138	7239	19.029	nq	96
54) 2,4-Dinitrophenol	14.46	184	15351	70.127	nq	99
55) Dibenzofuran	14.72	168	79641	40.908	nq	99
56) 4-Nitrophenol	14.56	139	20388	68.029	nq	98
57) 2,4-Dinitrotoluene	14.70	165	18876	37.316	nq	99
58) Fluorene	15.37	166	62192	39.545	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17751	40.105	nq	# 100
60) Diethylphthalate	15.15	149	62240	38.131	nq	100
61) 4-Chlorophenyl-phenylether	15.36	204	33190	40.908	nq	99
62) 4-Nitroaniline	15.42	138	11908	31.154	nq	97
63) Azobenzene	15.66	77	52965	38.980	nq	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	9743	38.817	nq	98
66) n-Nitrosodiphenylamine	15.59	169	53085	44.383	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	20760	43.812	nq	99
68) Hexachlorobenzene	16.37	284	24036	43.297	nq	99
69) Atrazine	16.54	200	16982	39.741	nq	98
70) Pentachlorophenol	16.72	266	23001	78.803	nq	99
71) Phenanthrene	17.11	178	88061	41.275	nq	99
72) Anthracene	17.20	178	89339	42.069	nq	99
73) Carbazole	17.48	167	73932	38.248	nq	99
74) Di-n-butylphthalate	18.03	149	90021	38.230	nq	100
75) Fluoranthene	19.13	202	89343	36.706	nq	99
77) Benzidine	19.33	184	38151	40.427	nq	100
78) Pyrene	19.50	202	89364	44.197	nq	100
80) Butylbenzylphthalate	20.40	149	33030	40.203	nq	98
81) Benzo(a)anthracene	21.25	228	77156	40.905	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	16963	24.050	nq	99
83) Chrysene	21.30	228	73585	40.844	nq	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	45415	39.952	nq	100
85) Di-n-octyl phthalate	22.04	149	74094	40.389	nq	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	82941	40.522	nq	100
88) Benzo(b)fluoranthene	22.83	252	74514	42.904	nq	99
89) Benzo(k)fluoranthene	22.88	252	69906	43.893	nq	99
90) Benzo(a)pyrene	23.41	252	69315	43.613	nq	99
91) Dibenzo(a,h)anthracene	25.77	278	69779	43.733	nq	100
92) Benzo(g,h,i)perylene	26.46	276	68605	43.477	nq	99

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

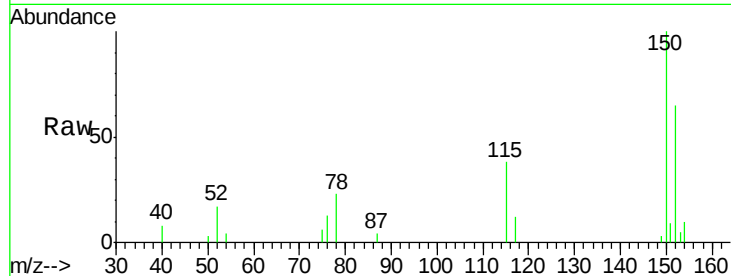


#1

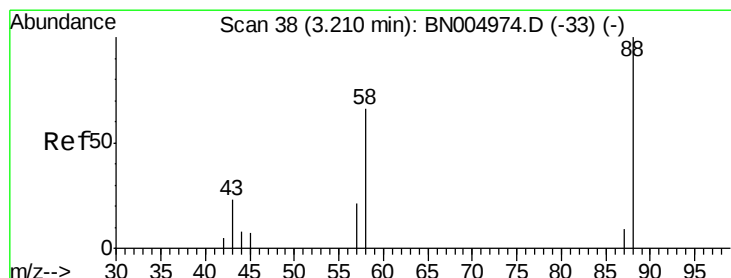
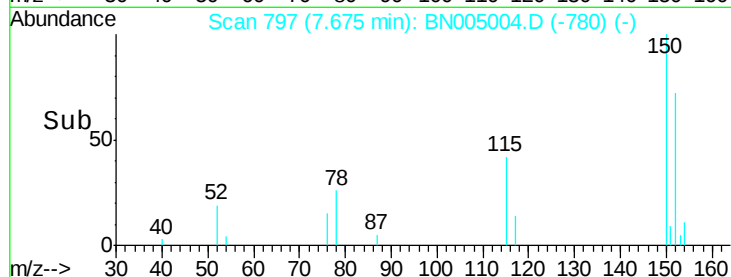
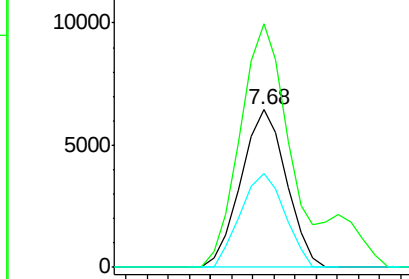
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:152 Resp: 9619
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 59.3 47.8 71.6



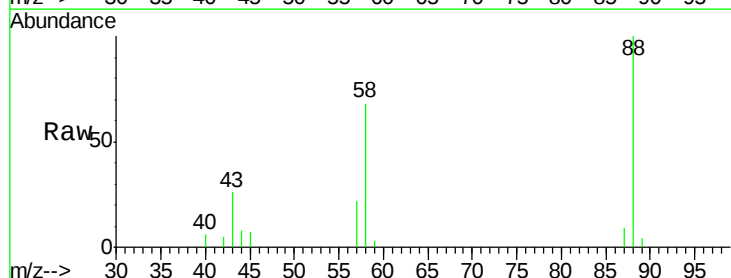
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



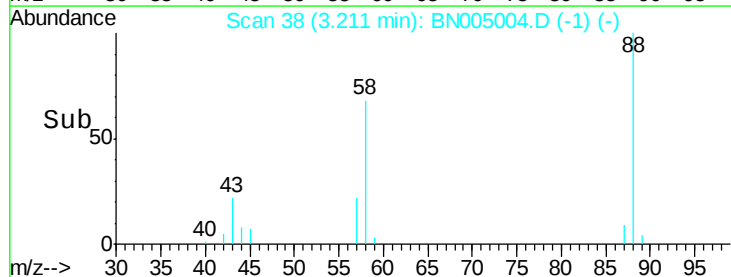
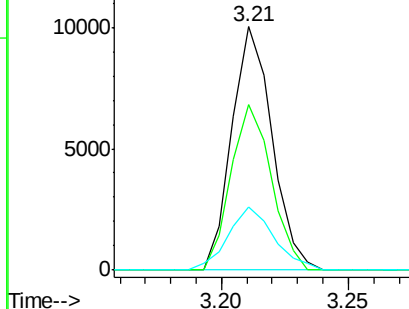
#2

1,4-Dioxane
Concen: 54.614 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion: 88 Resp: 11073
Ion Ratio Lower Upper
88 100
58 68.0 51.0 76.6
43 29.5 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

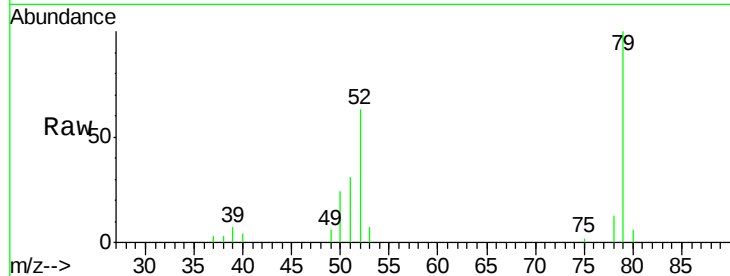




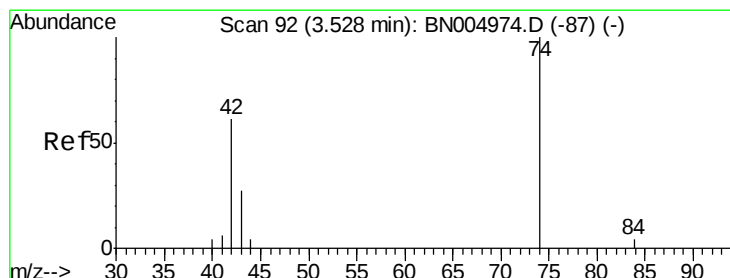
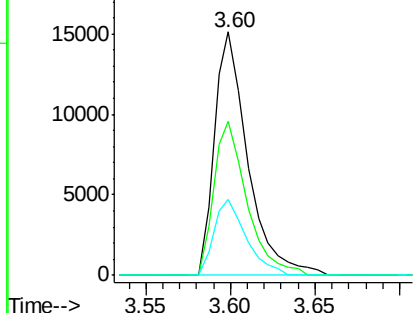
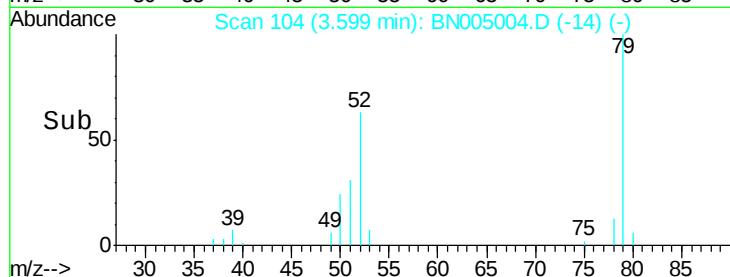
#3
 Pvridine
 Concen: 36.741 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion: 79 Resp: 20817
 Ion Ratio Lower Upper
 79 100
 52 63.4 50.2 75.4
 51 31.4 25.0 37.4

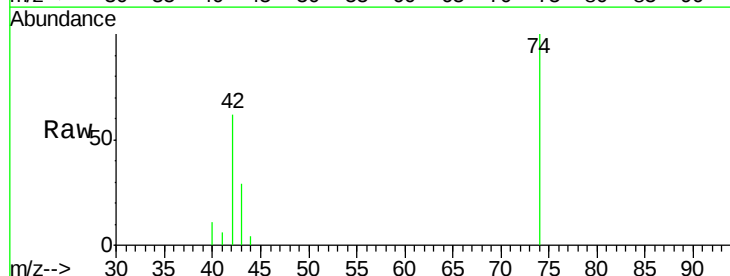


Abundance Ion 79.00 (78.70 to 79.70): BN0
 Ion 52.00 (51.70 to 52.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

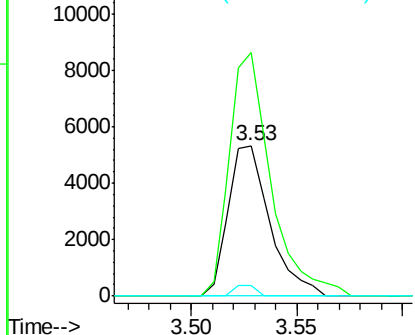
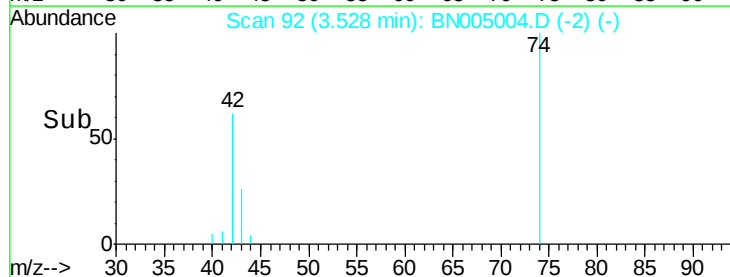


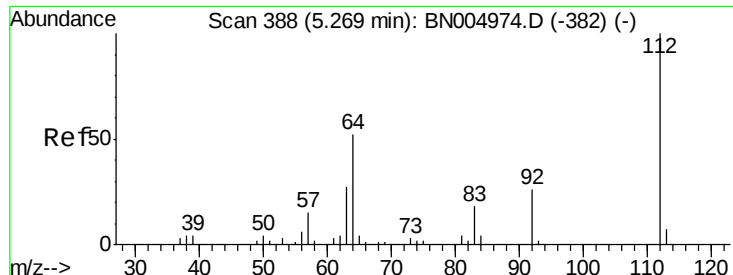
#4
 n-Nitrosodimethylamine
 Concen: 39.499 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion: 42 Resp: 7296
 Ion Ratio Lower Upper
 42 100
 74 161.5 130.8 196.2
 44 6.9 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 130.324 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

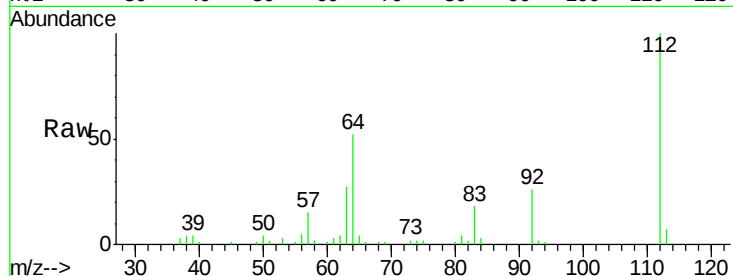
Tot Ion:112 Resp: 72508

Ion Ratio Lower Upper

112 100

64 52.4 41.9 62.9

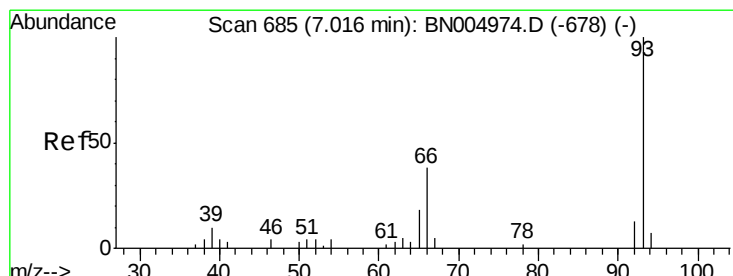
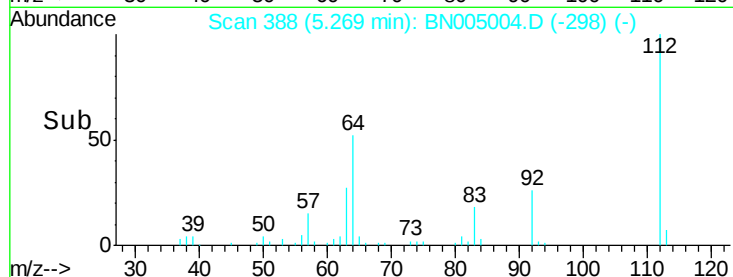
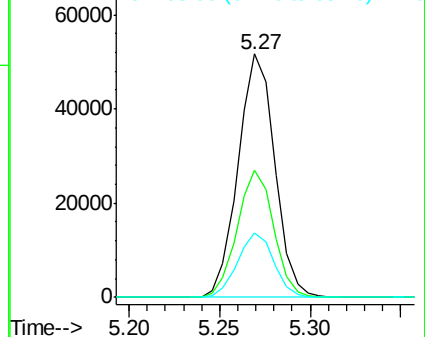
63 26.5 21.4 32.0



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: 32.450 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

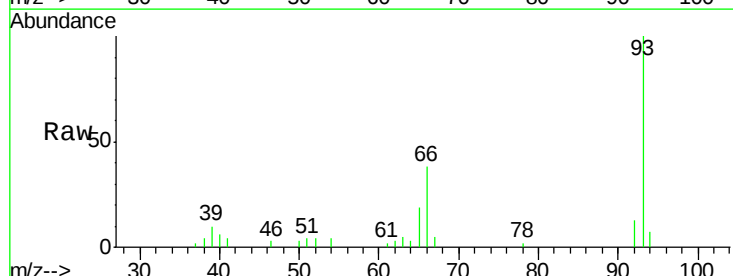
Tgt Ion: 93 Resp: 30493

Ion Ratio Lower Upper

93 100

66 37.7 30.2 45.4

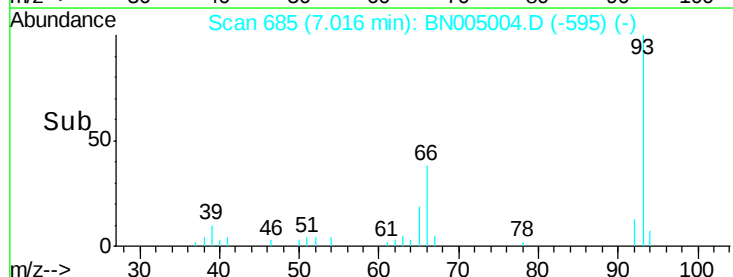
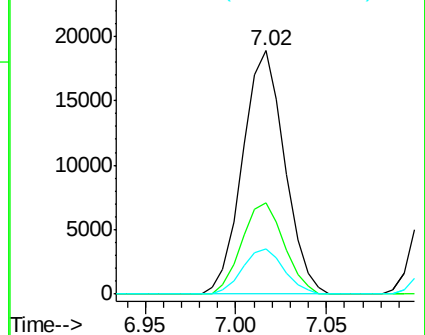
65 18.6 14.7 22.1

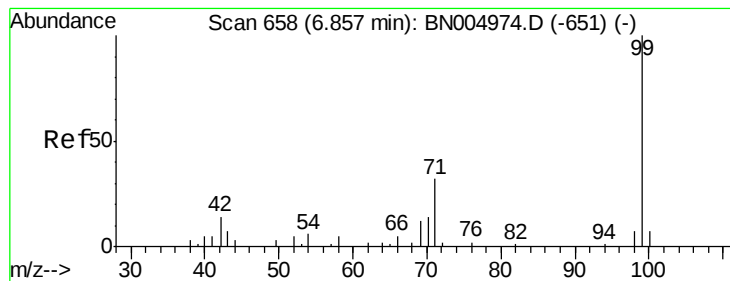


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 121.705 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

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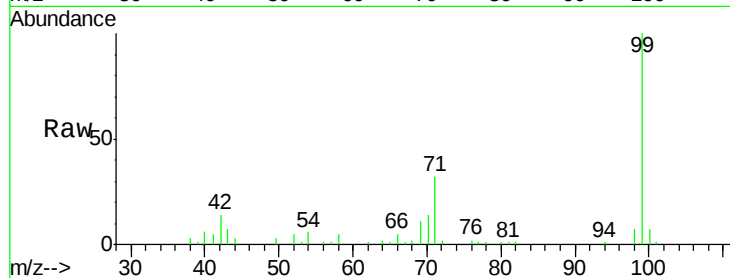
Tot Ion: 99 Resp: 89810

Ion Ratio Lower Upper

99 100

42 14.2 11.4 17.0

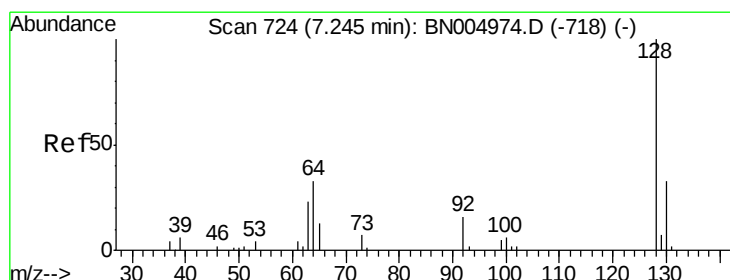
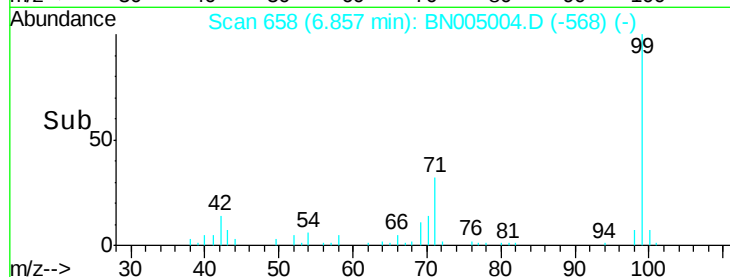
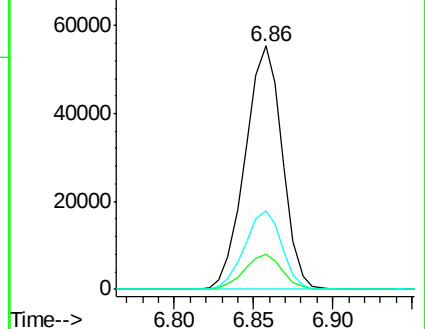
71 32.4 25.8 38.8



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: 39.936 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

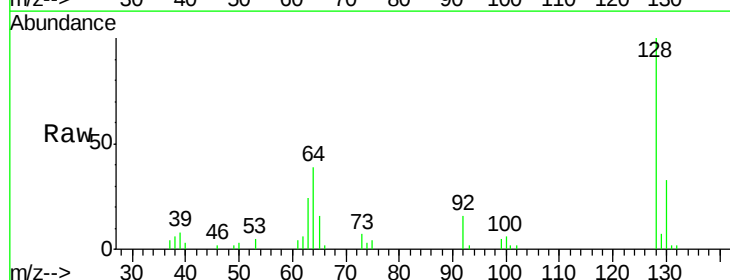
Tgt Ion: 128 Resp: 28206

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

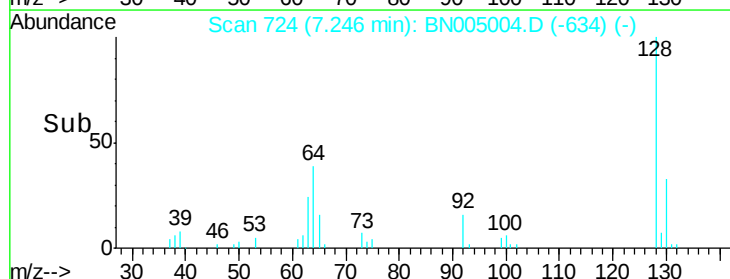
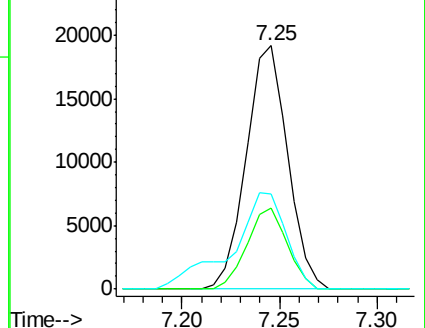
64 39.3 19.9 59.9



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: 18.404 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

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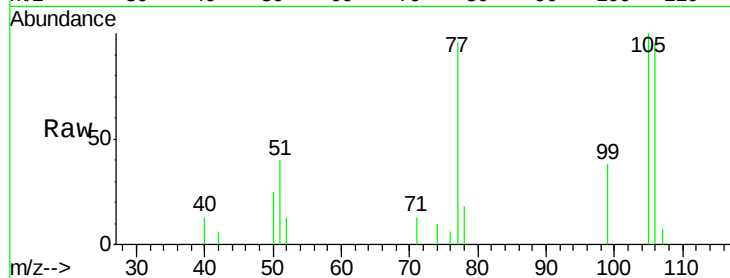
Tot Ion: 77 Resp: 7804

Ion Ratio Lower Upper

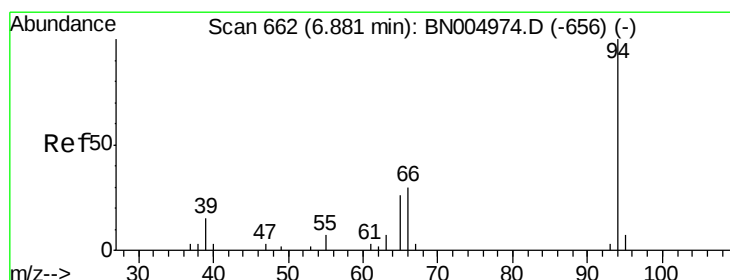
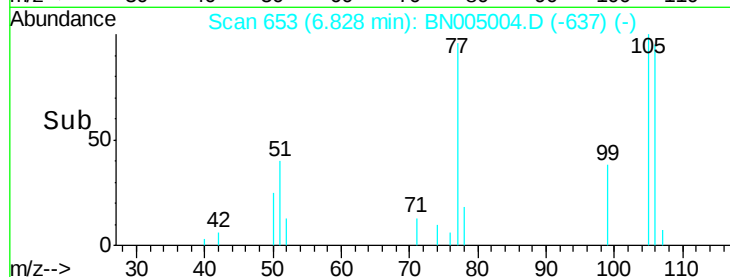
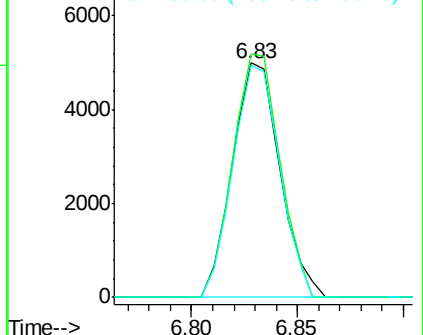
77 100

105 104.0 86.1 126.1

106 99.1 79.9 119.9



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 39.646 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

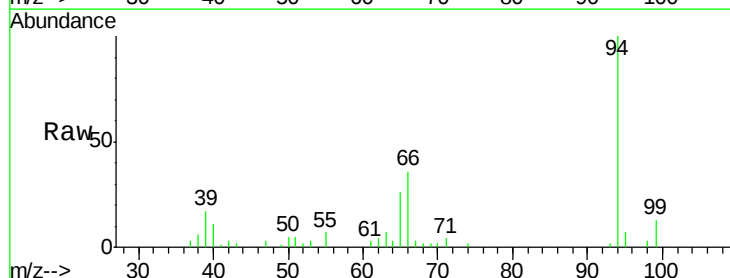
Tgt Ion: 94 Resp: 31349

Ion Ratio Lower Upper

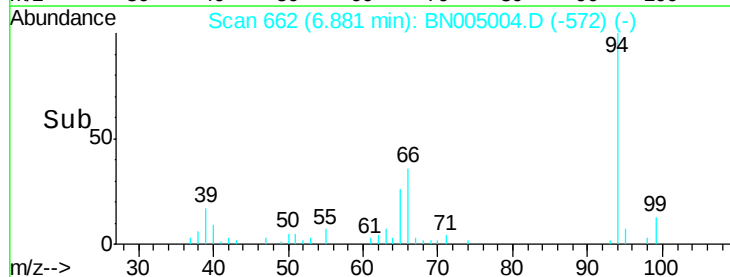
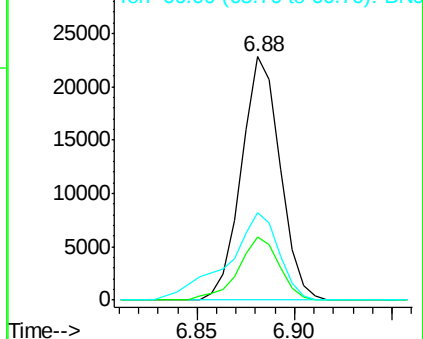
94 100

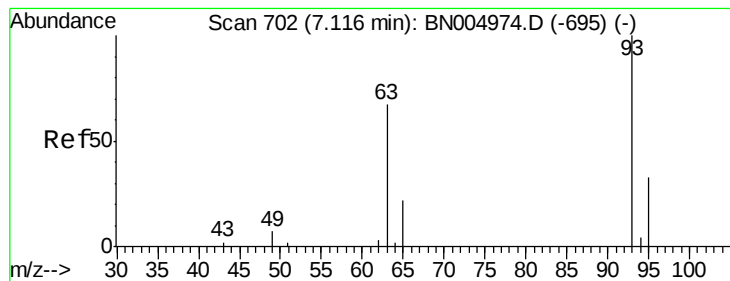
65 26.1 5.7 45.7

66 36.0 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC

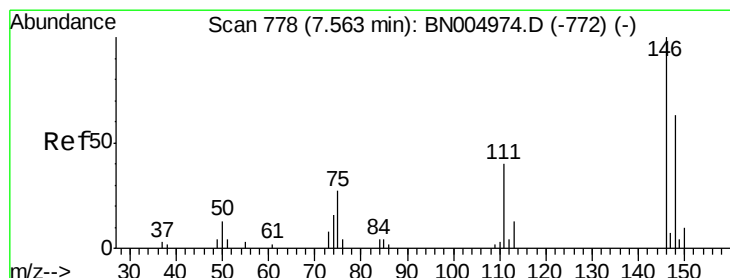
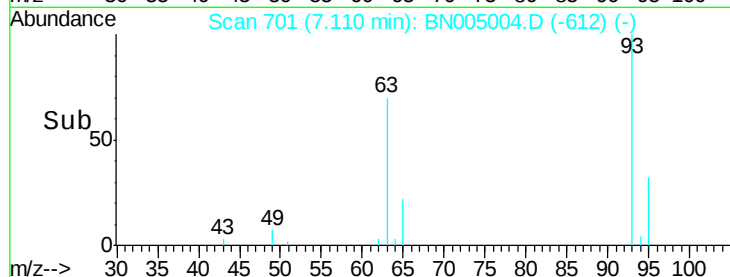
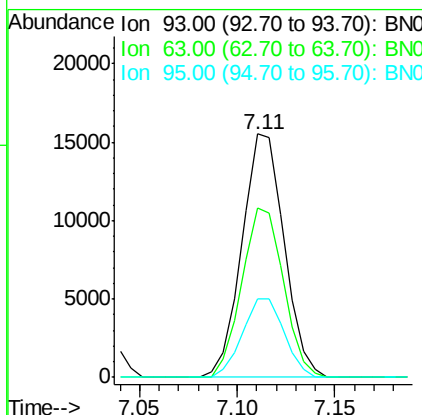
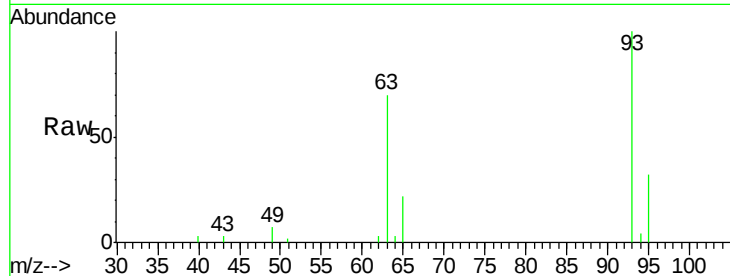




#11
bis(2-Chloroethyl)ether
Concen: 38.057 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

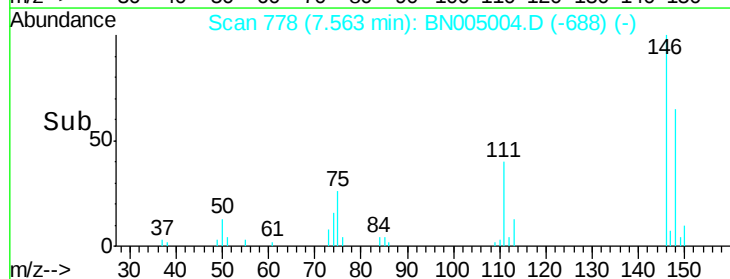
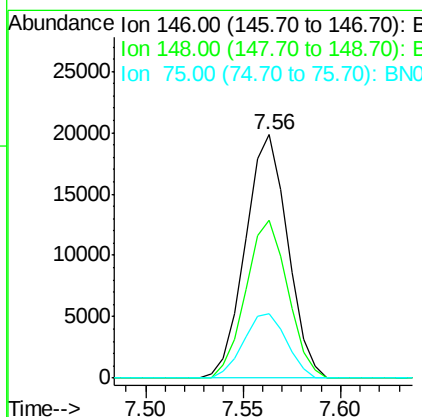
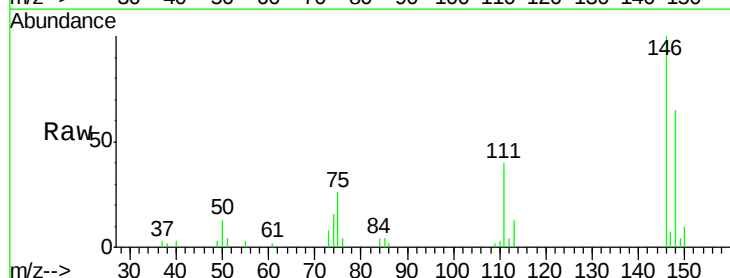
Instrument :
BNA_N
ClientSampleId :
PB118322BSD

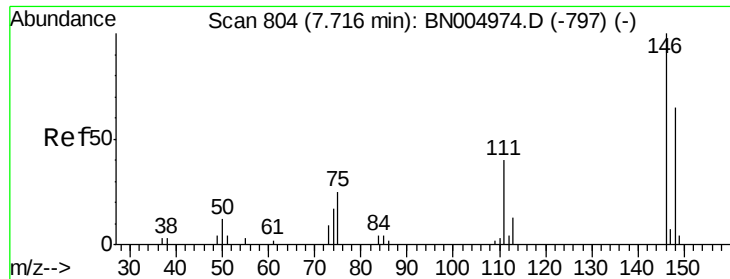
Tot Ion: 93 Resp: 23271
Ion Ratio Lower Upper
93 100
63 69.6 47.0 87.0
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.694 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion: 146 Resp: 29775
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
75 26.4 22.0 33.0

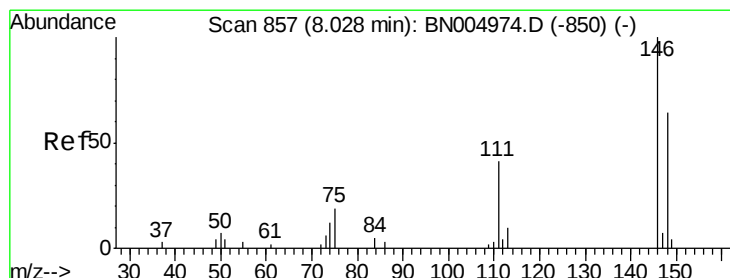
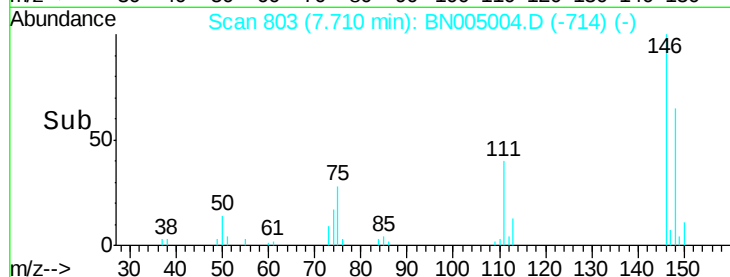
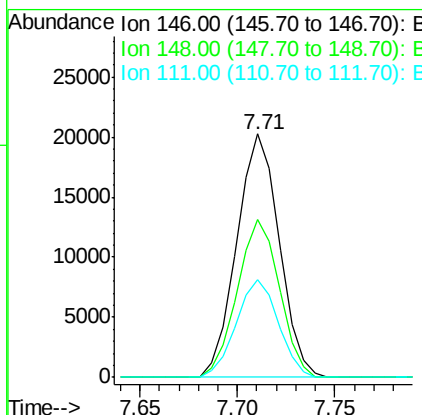
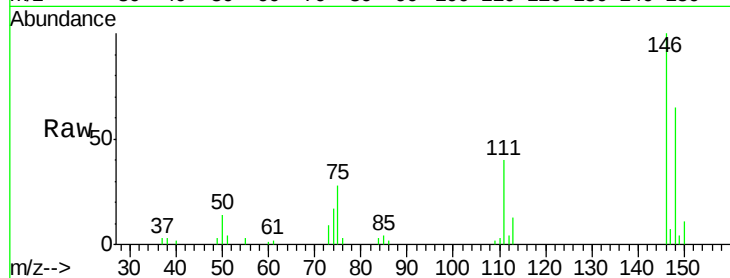




#13
 1,4-Dichlorobenzene
 Concen: 39.138 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

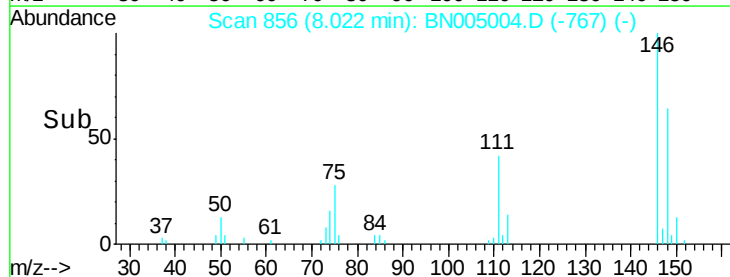
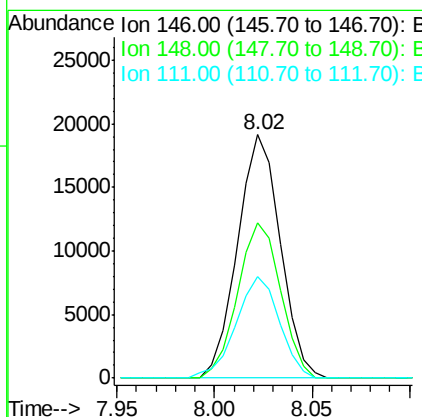
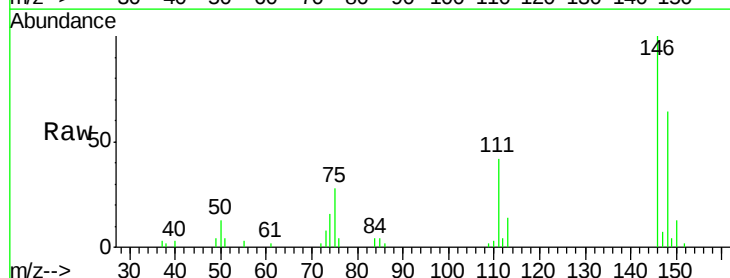
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion:146 Resp: 30485
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 111 40.4 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 38.933 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion:146 Resp: 29022
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 41.8 32.6 49.0

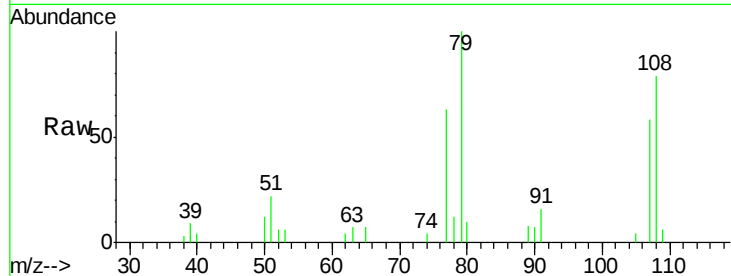




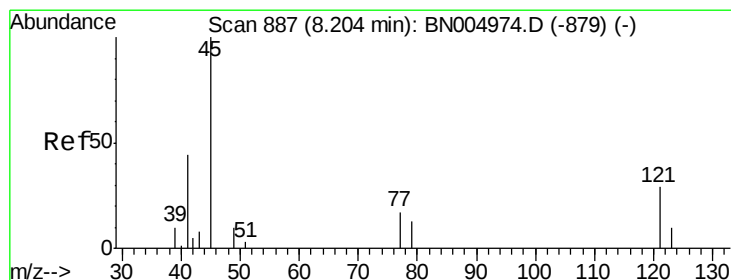
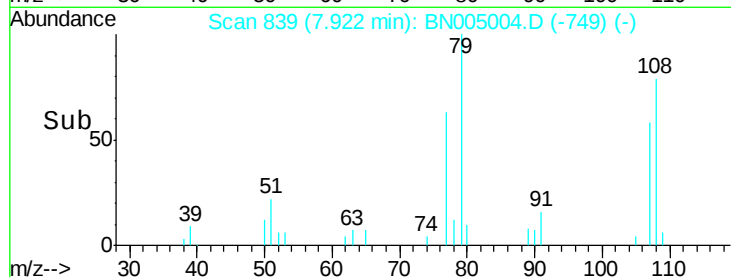
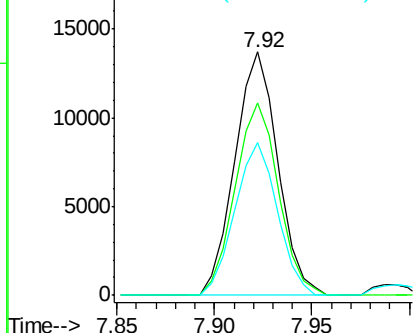
#15
Benzyl Alcohol
Concen: 37.259 ng
RT: 7.92 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion: 79 Resp: 20918
Ion Ratio Lower Upper
79 100
108 78.8 64.0 96.0
77 62.6 48.8 73.2

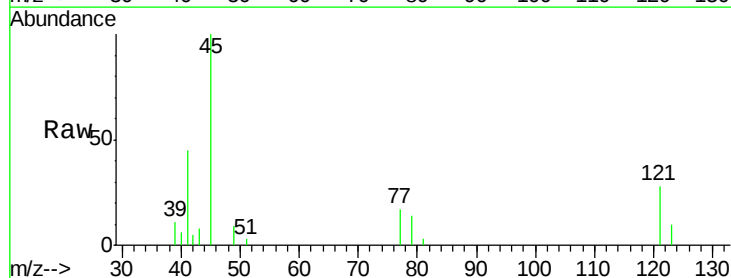


Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 108.00 (107.70 to 108.70): BNC
Ion 77.00 (76.70 to 77.70): BNC

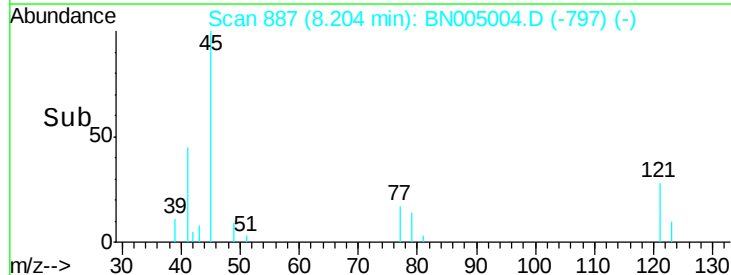
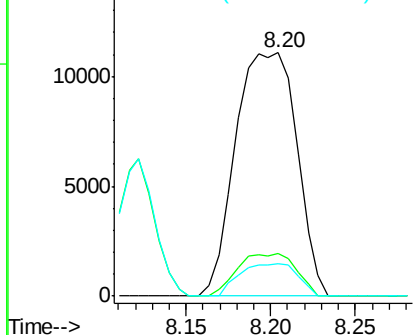


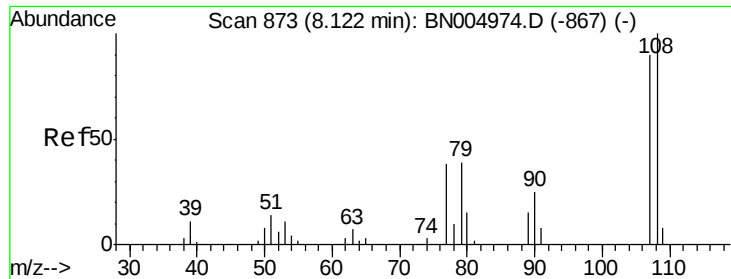
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.623 ng
RT: 8.20 min Scan# 887
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion: 45 Resp: 27756
Ion Ratio Lower Upper
45 100
77 17.4 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

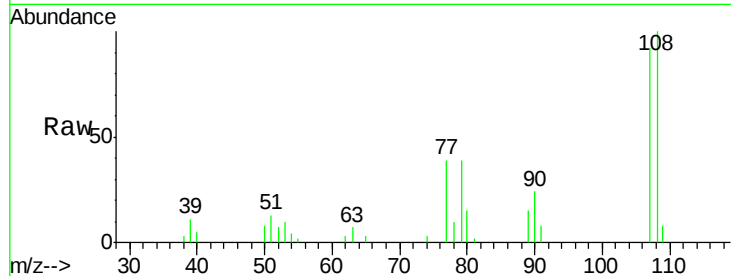




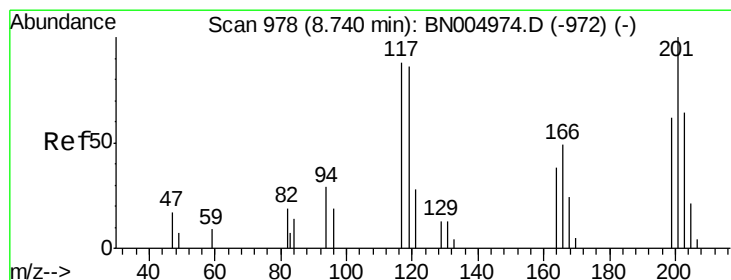
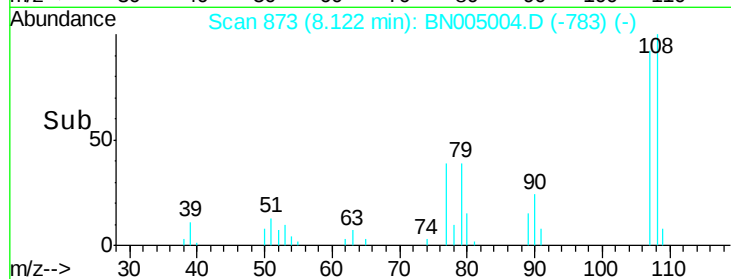
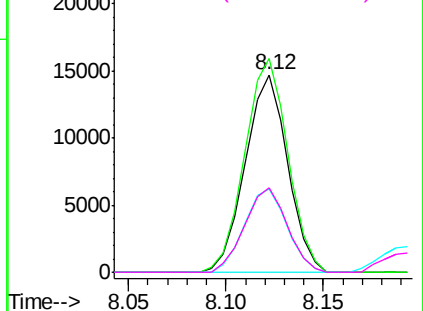
#17
2-Methylphenol
Concen: 40.038 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:	107	Resp:	22071
Ion	Ratio	Lower	Upper
107	100		
108	108.3	88.8	133.2
77	42.5	34.2	51.2
79	42.8	34.8	52.2

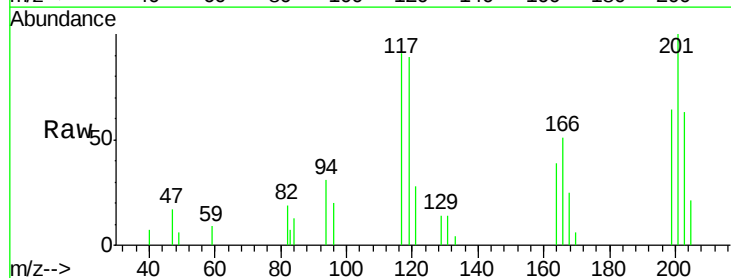


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

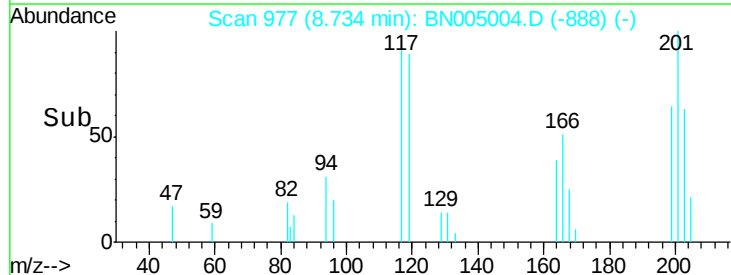
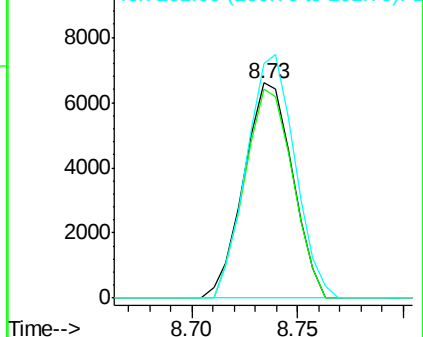


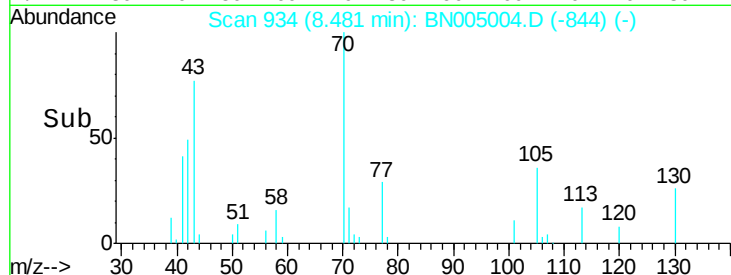
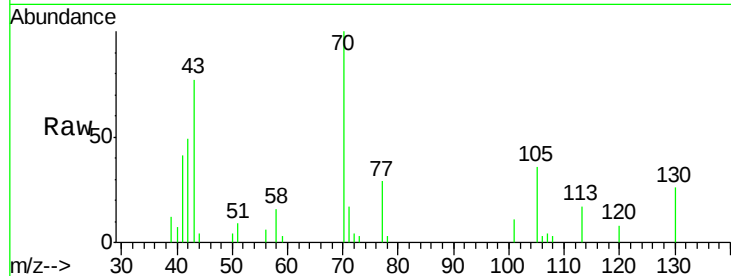
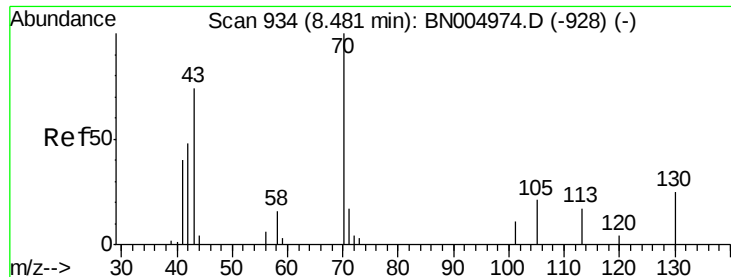
#18
Hexachloroethane
Concen: 38.442 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:	117	Resp:	10613
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.5	116.3
201	109.4	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

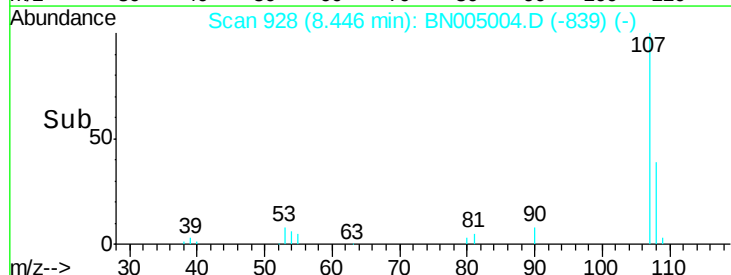
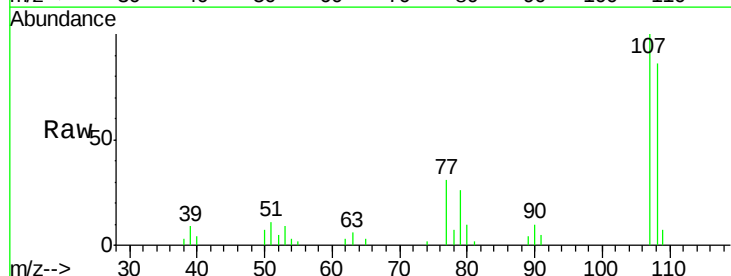
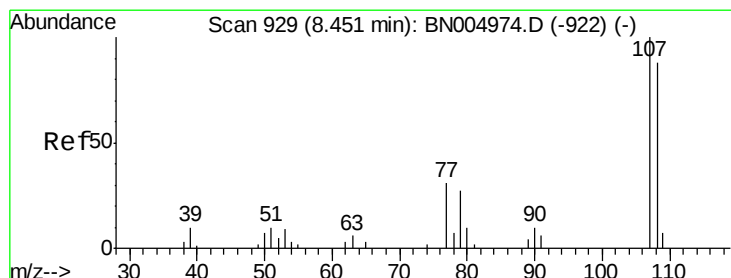
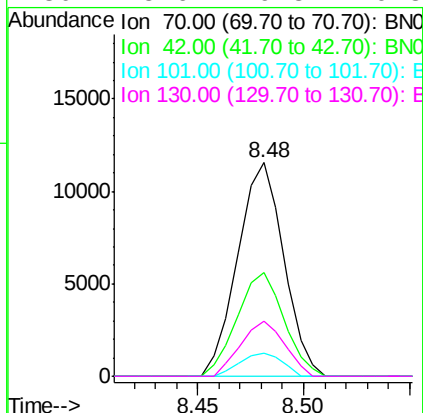




#19
n-Nitroso-di-n-propylamine
Concen: 36.070 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

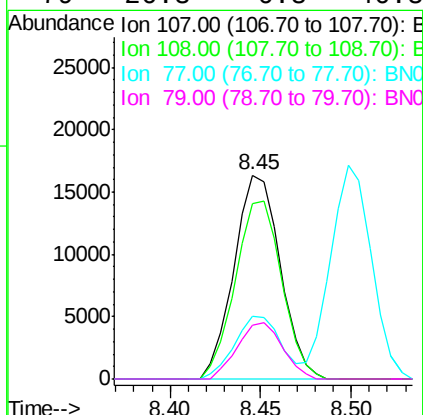
Instrument :
BNA_N
ClientSampleId :
PB118322BSD

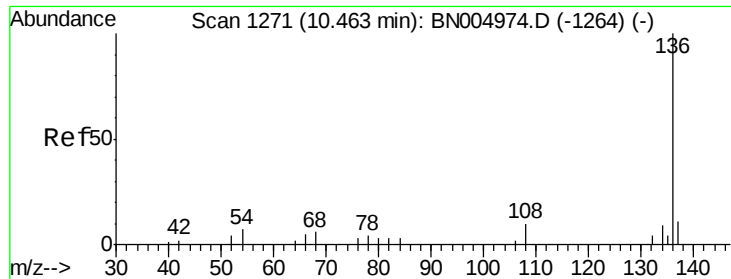
Tot Ion: 70 Resp: 17449
Ion Ratio Lower Upper
70 100
42 48.6 38.4 57.6
101 10.7 8.8 13.2
130 25.6 19.8 29.8



#20
3+4-Methylphenols
Concen: 38.737 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:107 Resp: 28993
Ion Ratio Lower Upper
107 100
108 85.8 67.9 107.9
77 30.9 10.6 50.6
79 26.3 6.8 46.8

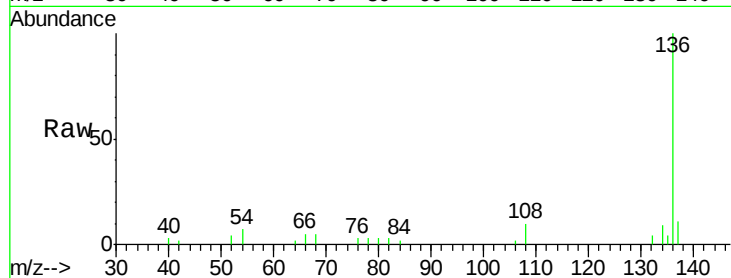




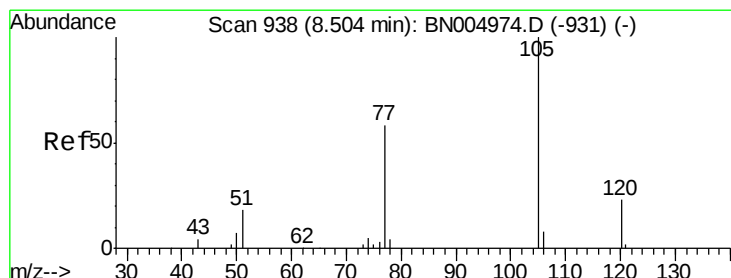
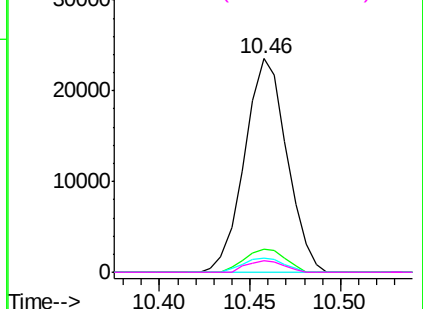
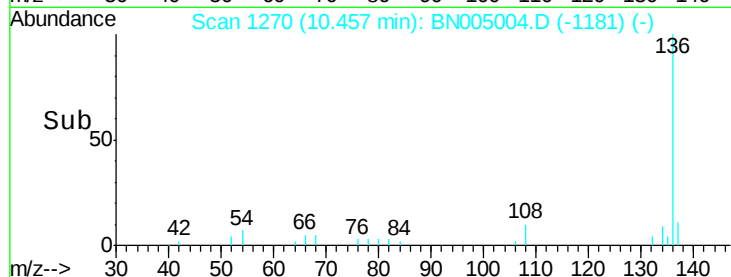
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:136	Resp:	38225	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 6.7	5.3	7.9	
68 5.2	4.6	6.8	

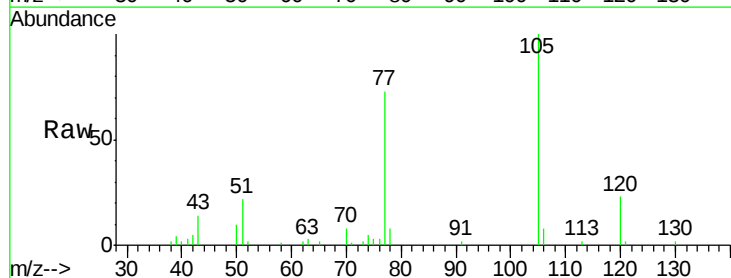


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

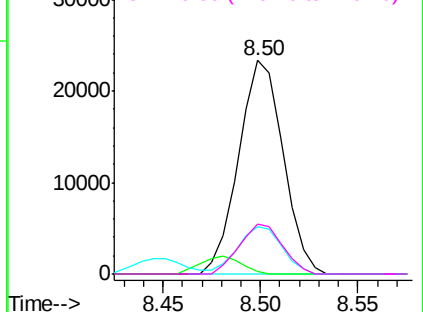
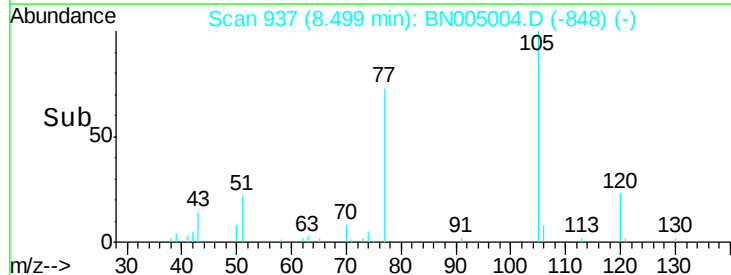


#22
Acetophenone
Concen: 42.305 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt	Ion:105	Resp:	36914
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.0	0.0#
51	22.4	17.8	26.8
120	23.4	18.6	27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

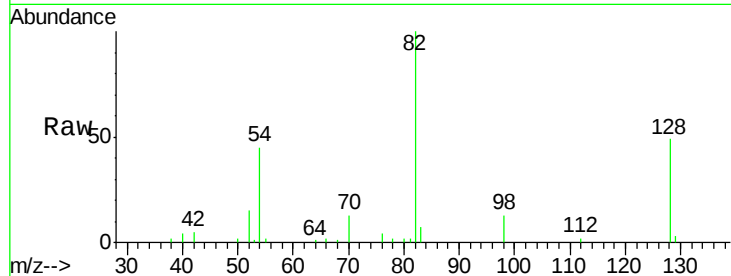




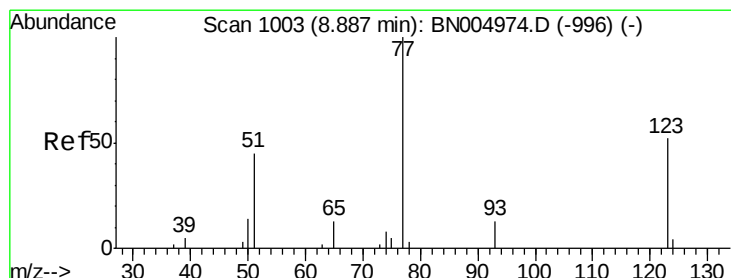
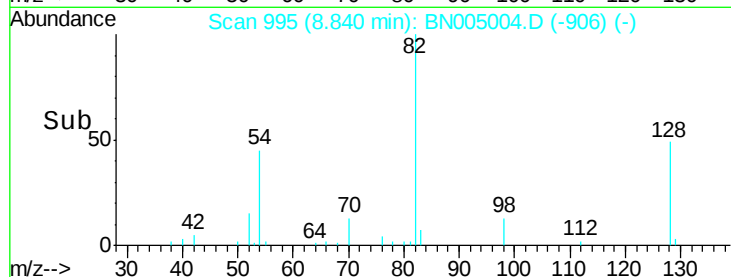
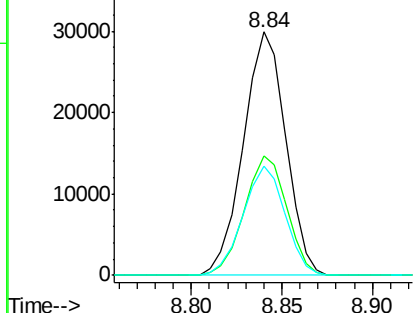
#23
 Nitrobenzene-d5
 Concen: 76.695 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion	82	Resp	48464
Ion Ratio	100	Lower	Upper
128	49.0	40.6	60.8
54	44.6	35.2	52.8

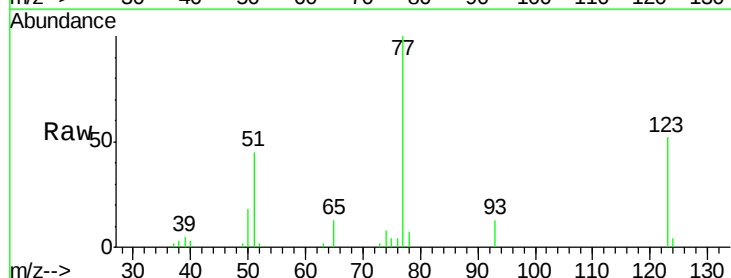


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): BN0
 Ion 54.00 (53.70 to 54.70): BN0

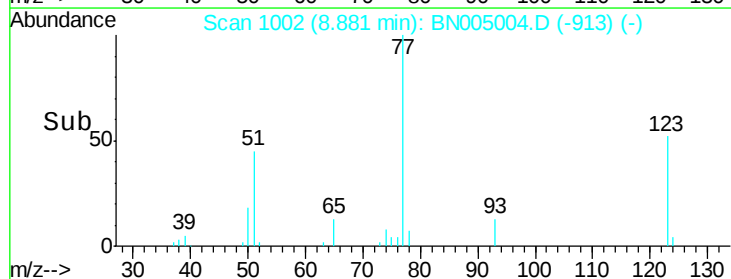
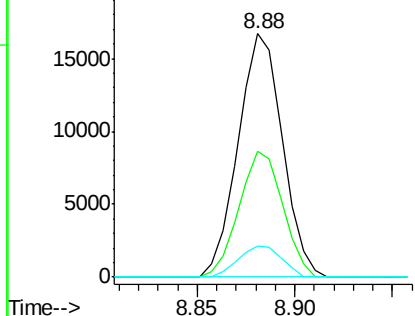


#24
 Nitrobenzene
 Concen: 41.077 ng
 RT: 8.88 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion	77	Resp	26269
Ion Ratio	100	Lower	Upper
123	51.8	41.3	61.9
65	12.9	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: 38.730 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

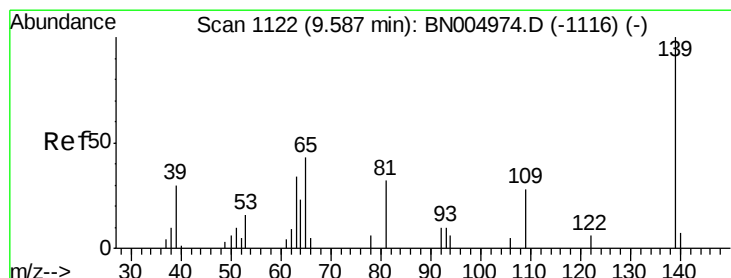
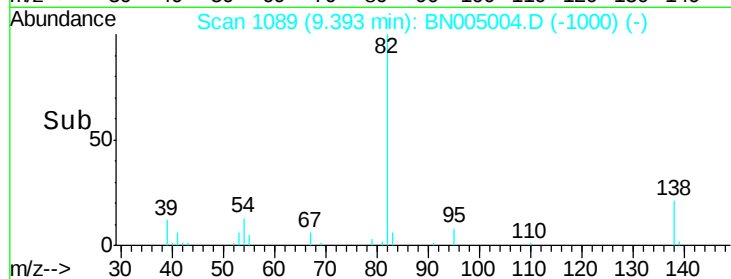
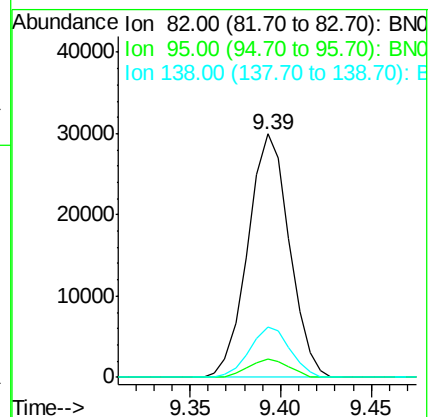
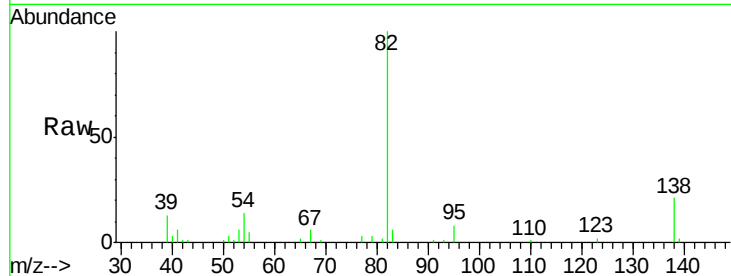
Tot Ion: 82 Resp: 47678

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 20.7 16.2 24.2



#26

2-Nitrophenol

Concen: 39.860 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

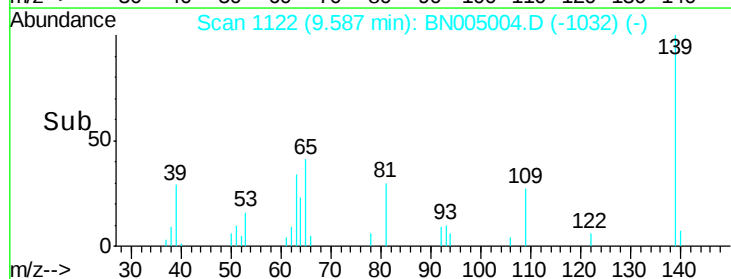
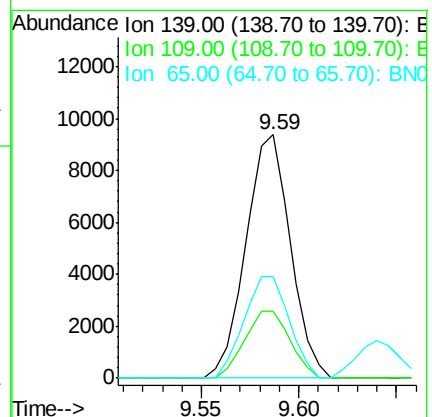
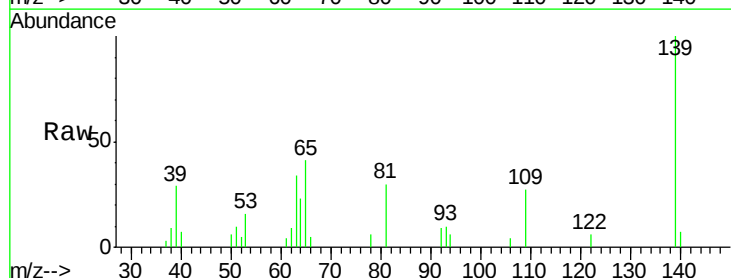
Tgt Ion: 139 Resp: 14801

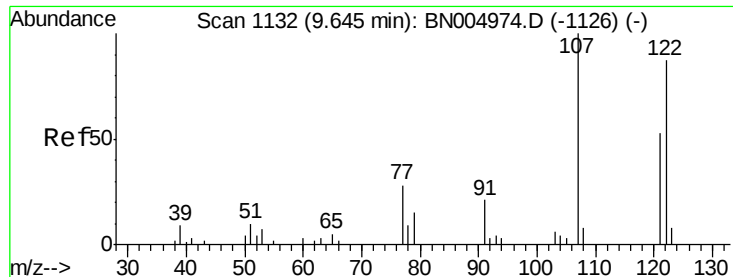
Ion Ratio Lower Upper

139 100

109 27.5 22.5 33.7

65 41.5 34.2 51.4

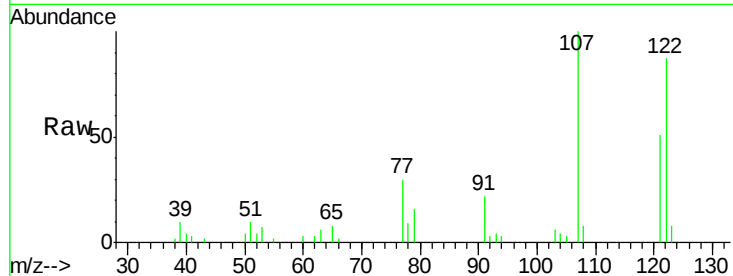




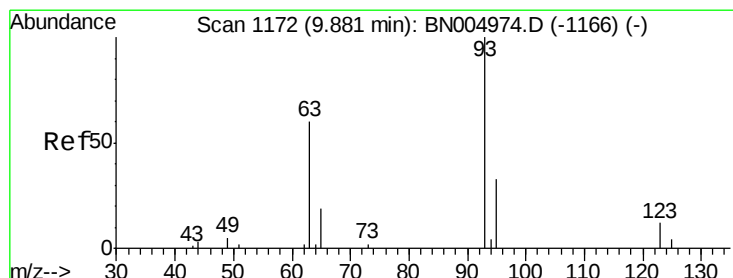
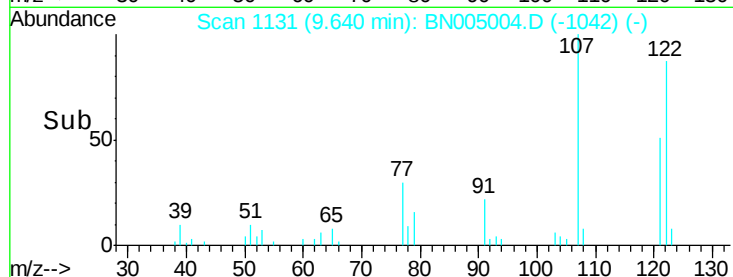
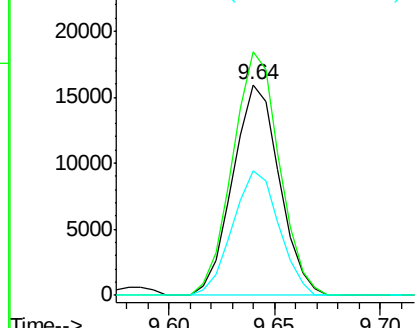
#27
 2,4-Dimethylphenol
 Concen: 47.184 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion:122 Resp: 24393
 Ion Ratio Lower Upper
 122 100
 107 115.5 91.6 137.4
 121 59.4 48.2 72.2

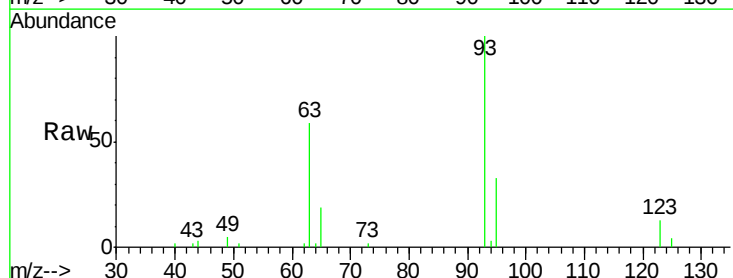


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

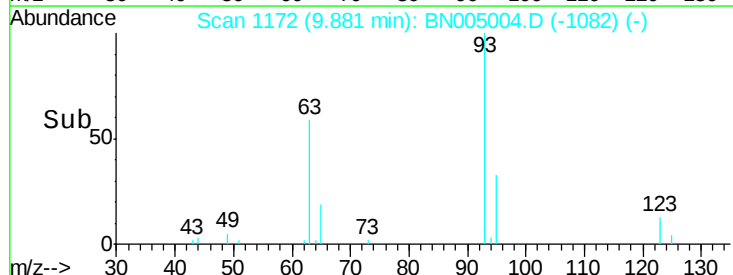
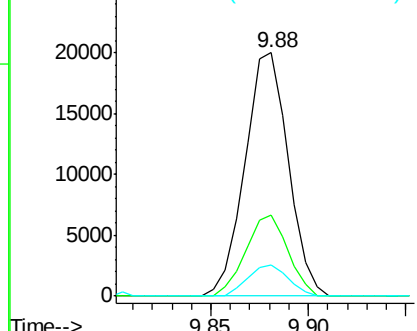


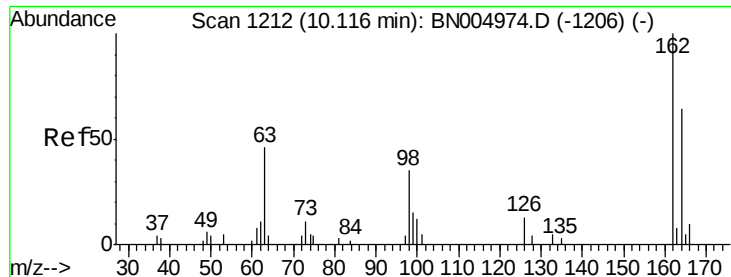
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.393 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion: 93 Resp: 30809
 Ion Ratio Lower Upper
 93 100
 95 33.1 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

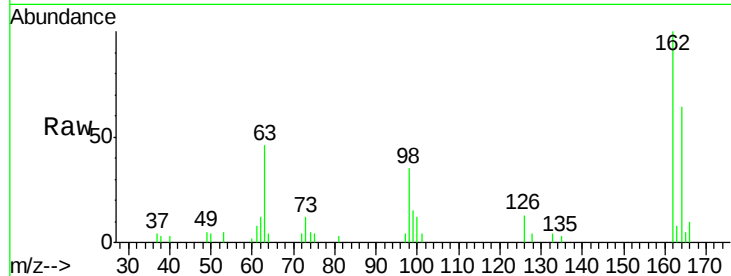




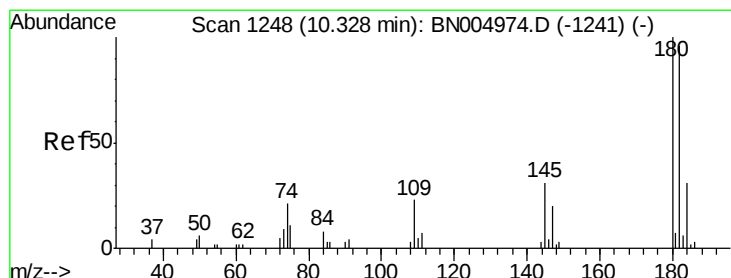
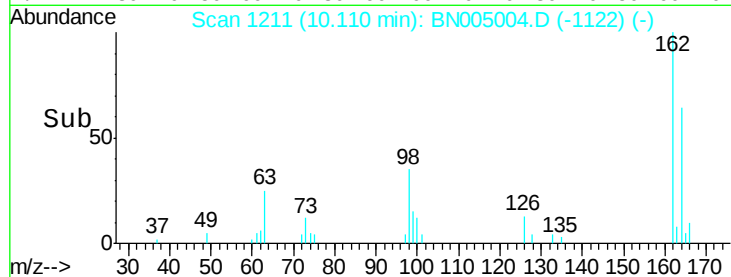
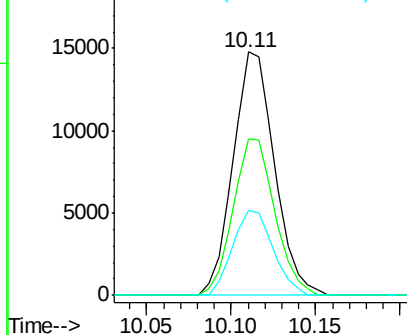
#29
 2,4-Dichlorophenol
 Concen: 42.536 ng
 RT: 10.11 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.3	84.3
98	35.1	15.3	55.3

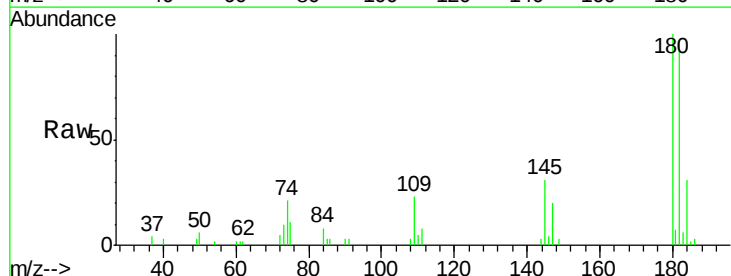


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

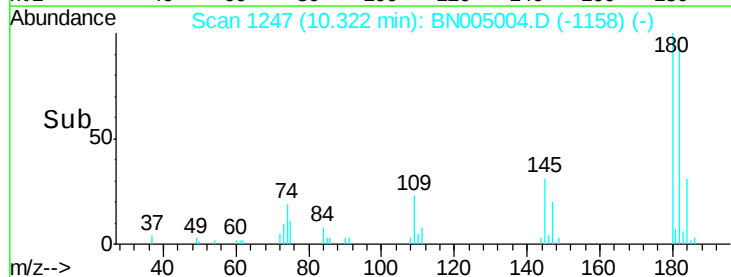
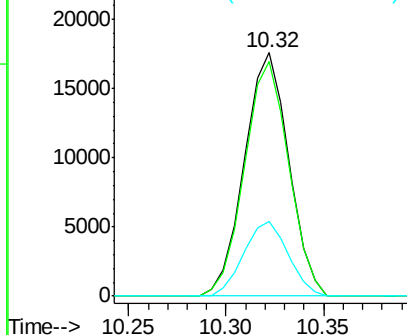


#30
 1,2,4-Trichlorobenzene
 Concen: 42.252 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.6	114.8
145	30.8	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

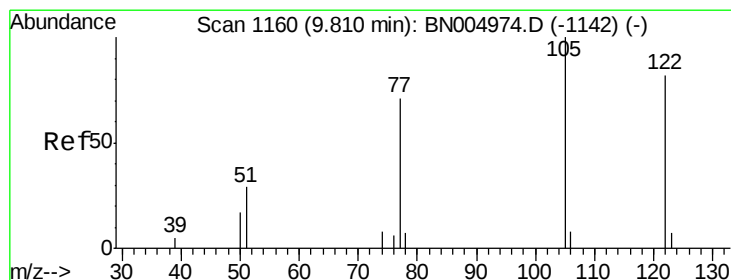
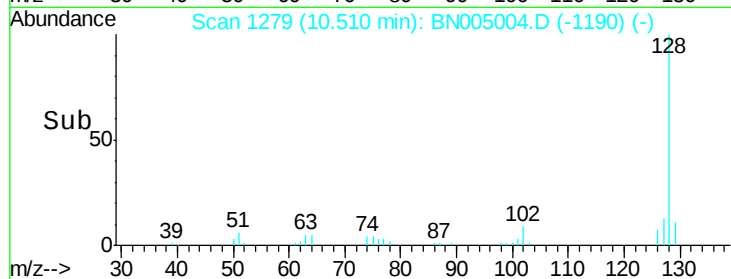
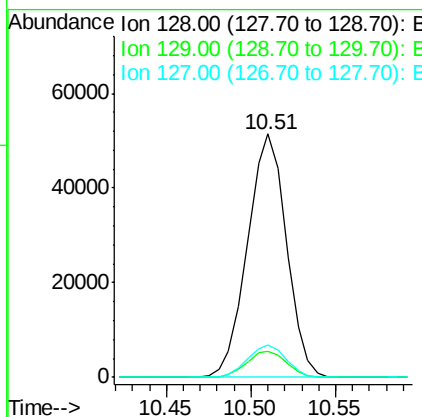
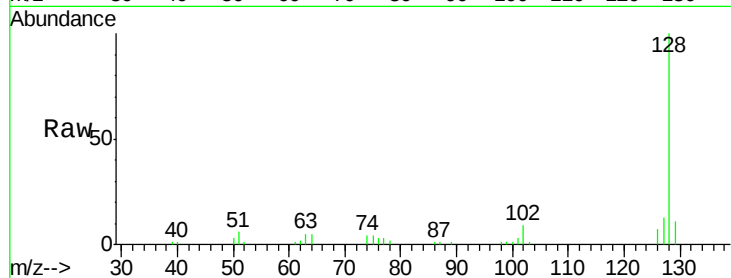




#31
Naphthalene
Concen: 41.403 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

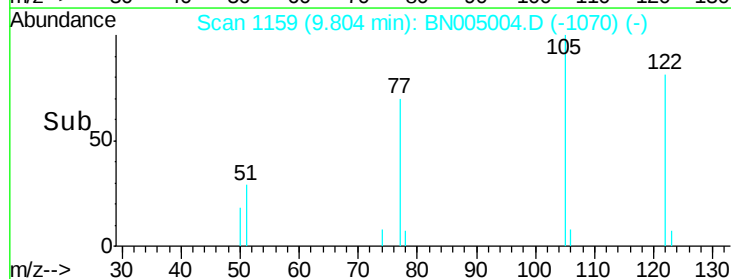
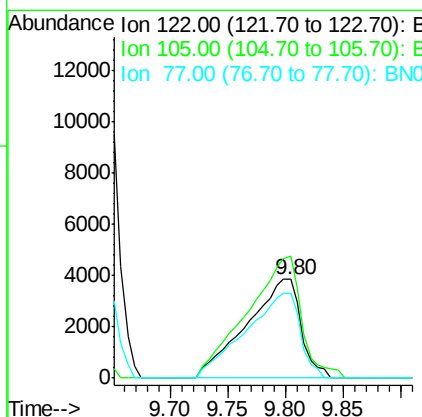
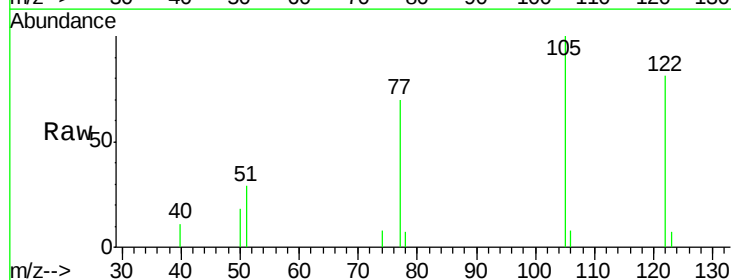
Instrument :
BNA_N
ClientSampleId :
PB118322BSD

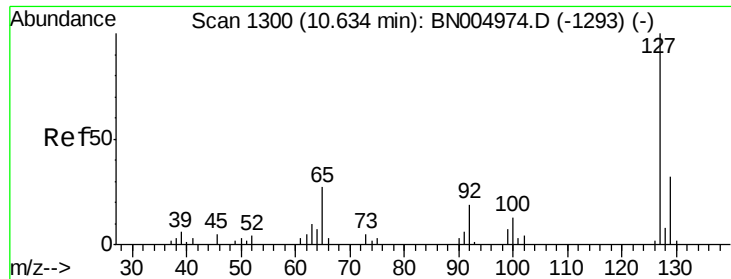
Tot Ion:128 Resp: 82571
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 32.433 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:122 Resp: 12653
Ion Ratio Lower Upper
122 100
105 123.4 102.4 142.4
77 86.2 67.1 107.1

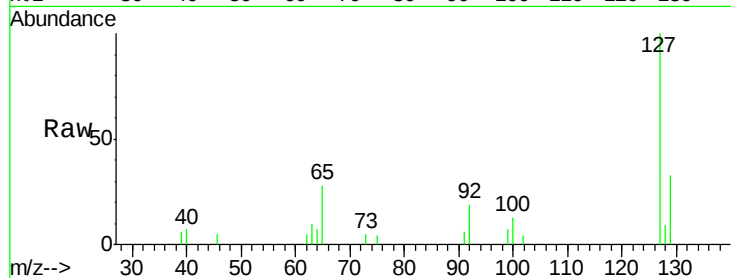




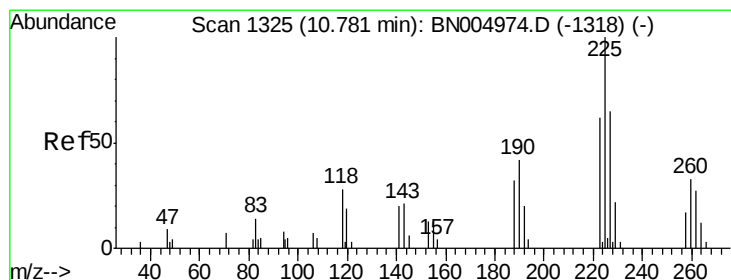
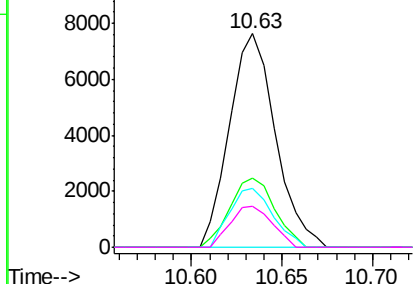
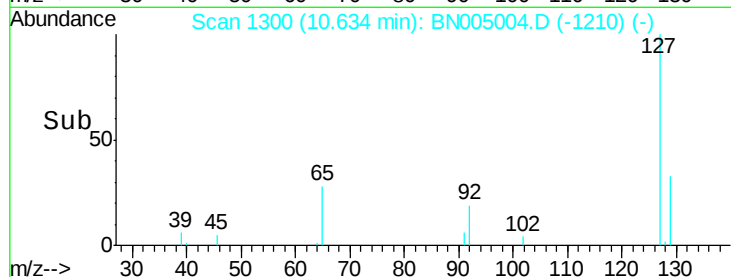
#33
4-Chloroaniline
Concen: 16.628 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:	127	Resp:	13492
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	27.7	21.4	32.0
92	19.2	15.3	22.9

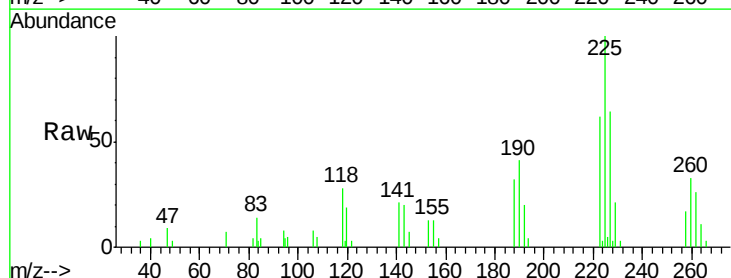


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

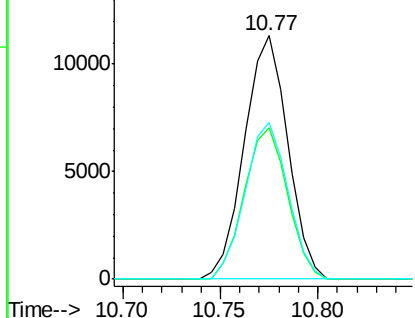
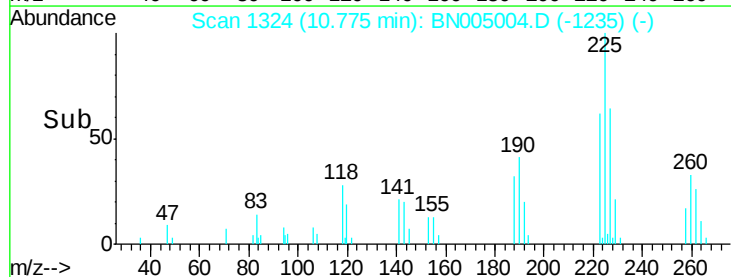


#34
Hexachlorobutadiene
Concen: 41.218 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:	225	Resp:	17456
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	64.3	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: 32.284 ng

RT: 11.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

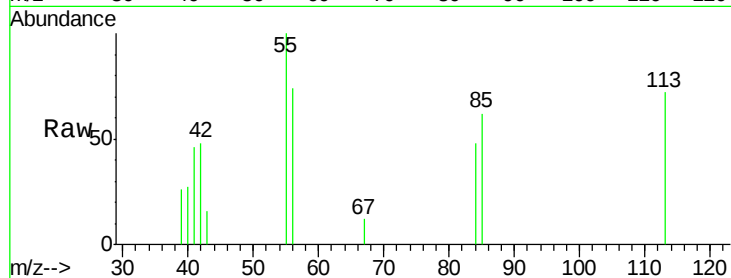
Tot Ion:113 Resp: 6281

Ion Ratio Lower Upper

113 100

55 139.2 115.8 155.8

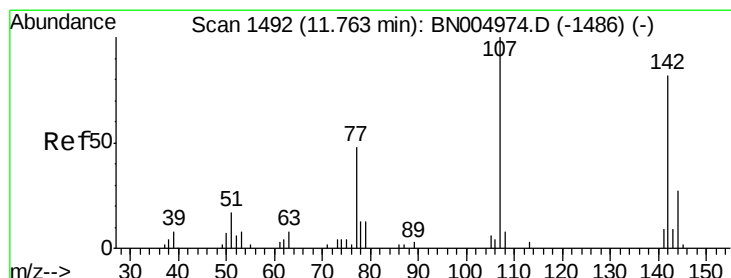
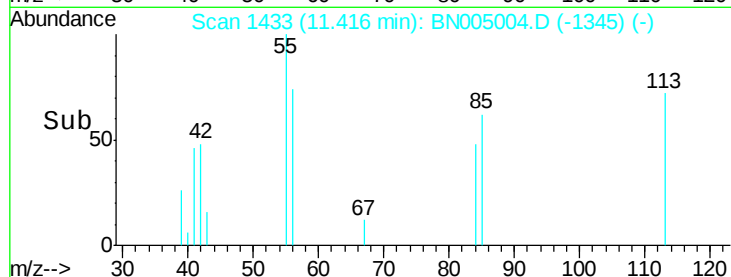
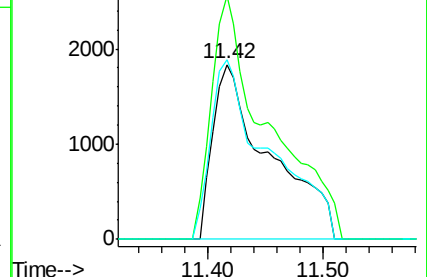
56 102.6 85.1 125.1



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: 38.311 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

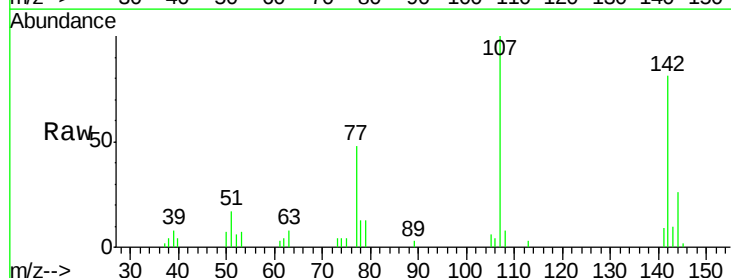
Tgt Ion:107 Resp: 24591

Ion Ratio Lower Upper

107 100

144 26.4 21.3 31.9

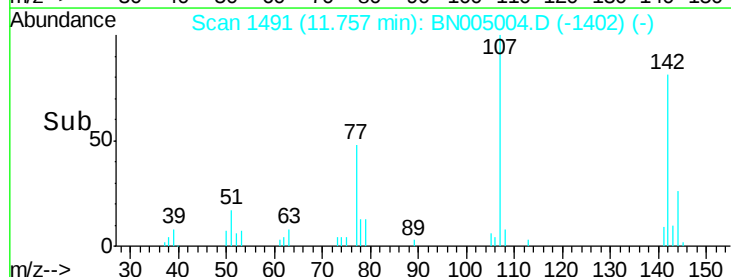
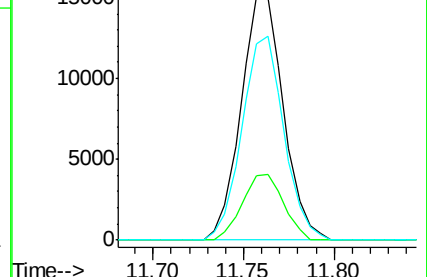
142 80.7 65.8 98.8



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

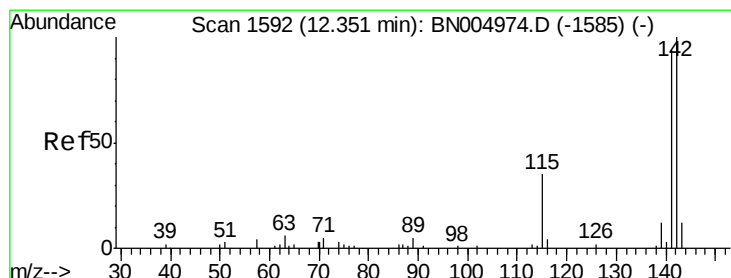
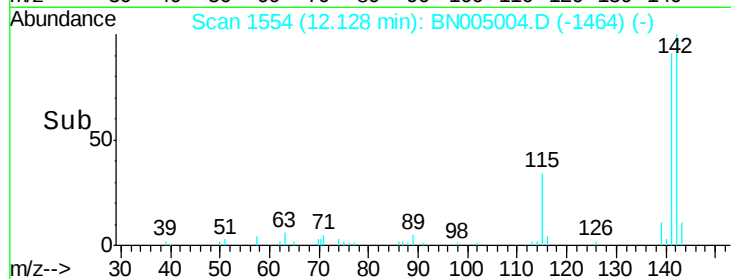
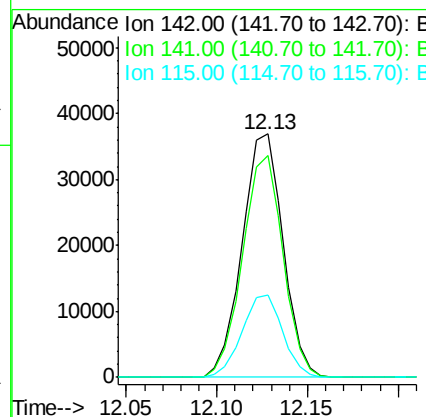
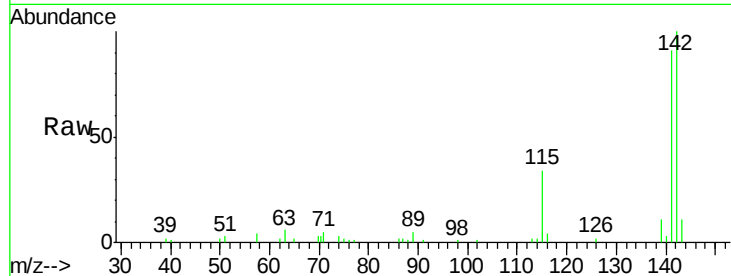




#37
 2-Methylnaphthalene
 Concen: 41.199 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

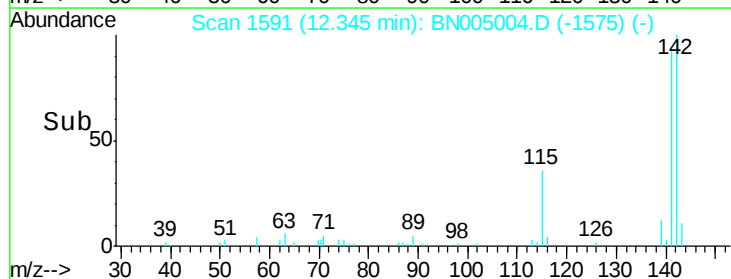
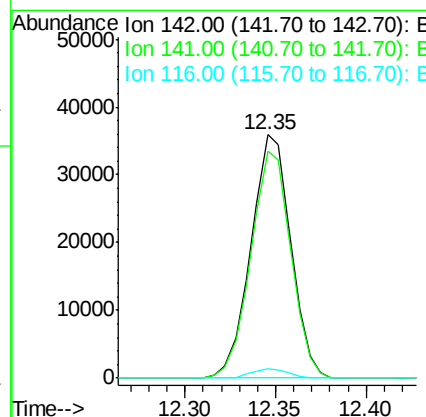
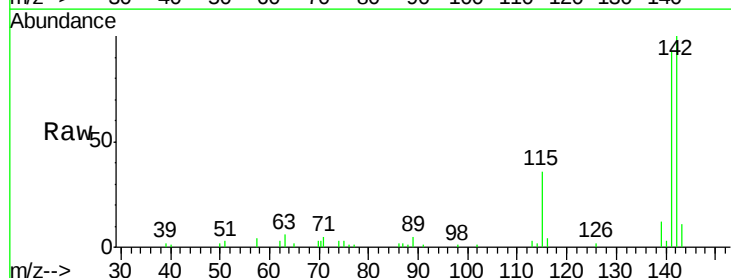
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion:142 Resp: 58020
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.8 107.8
 115 33.7 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 39.739 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion:142 Resp: 54762
 Ion Ratio Lower Upper
 142 100
 141 93.4 74.9 112.3
 116 3.8 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: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

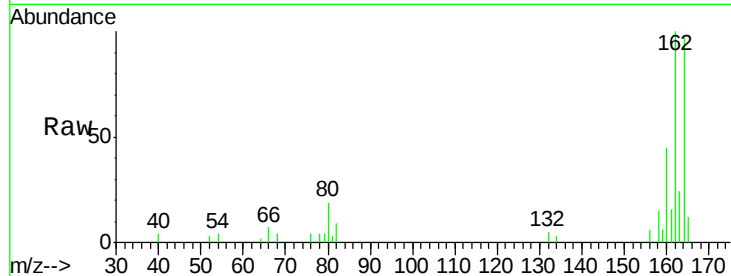
Tot Ion:164 Resp: 19910

Ion Ratio Lower Upper

164 100

162 103.1 83.4 125.0

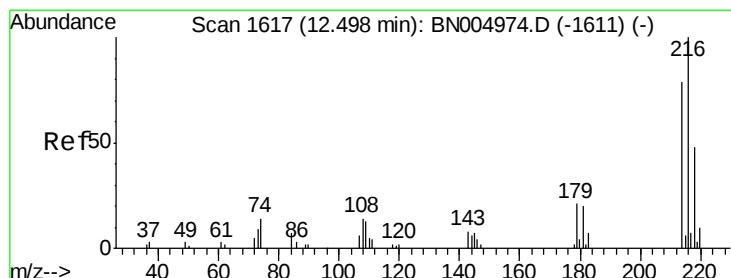
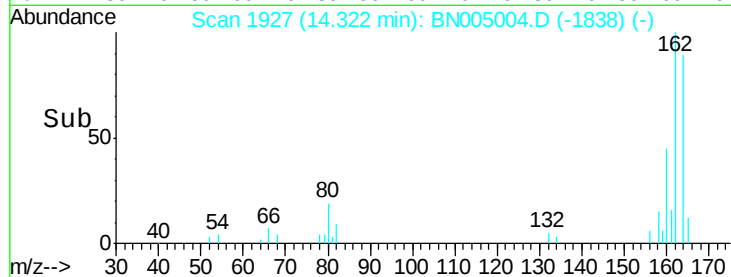
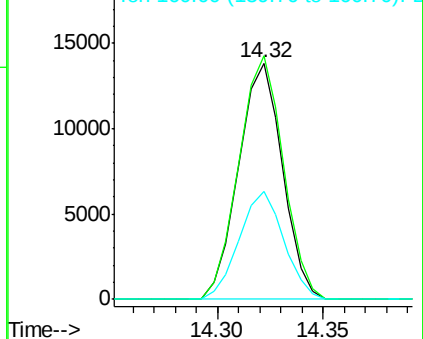
160 46.0 36.6 55.0



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: 44.246 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Tgt Ion:216 Resp: 31246

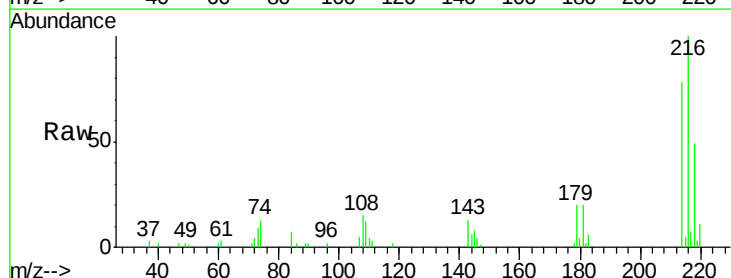
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 20.5 16.4 24.6

108 18.1 12.7 19.1

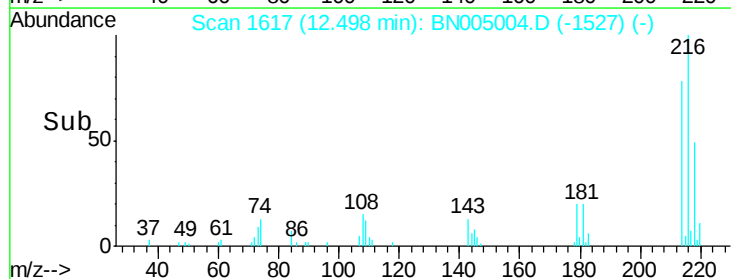
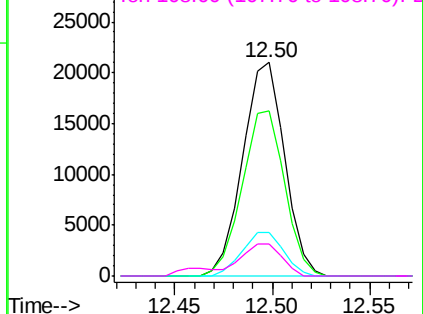


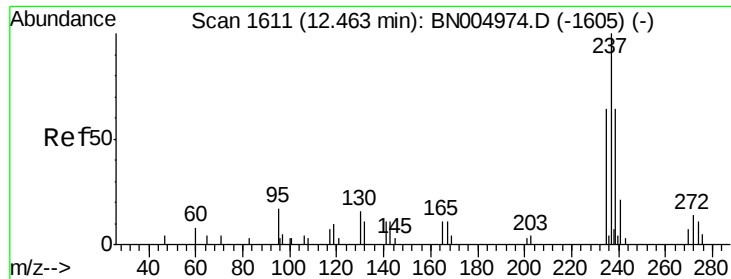
Abundance Ion 216.00 (215.70 to 216.70): E

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: 109.512 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

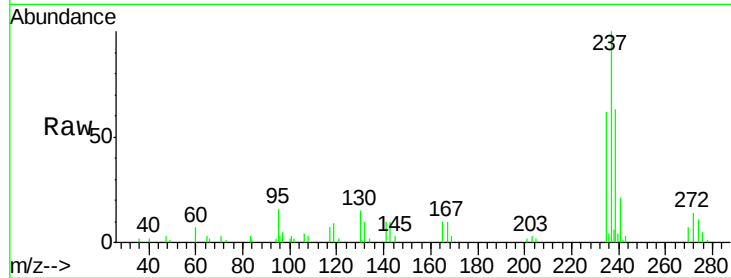
Tot Ion:237 Resp: 44464

Ion Ratio Lower Upper

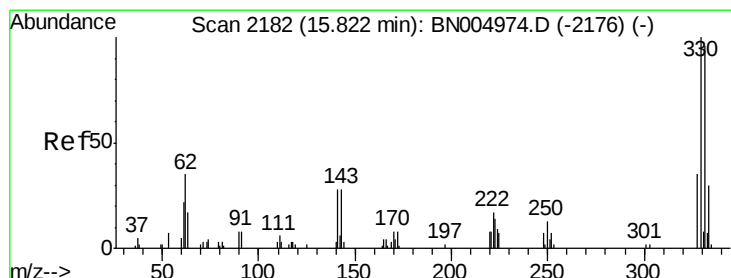
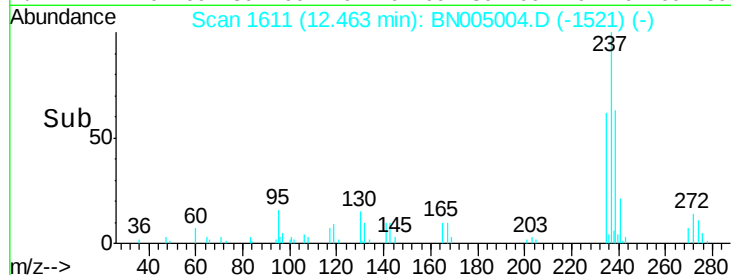
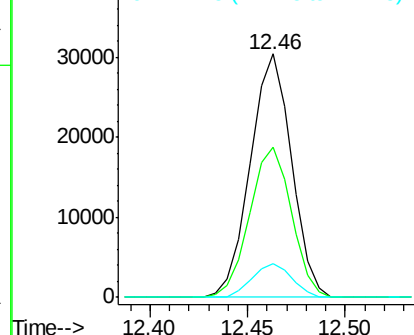
237 100

235 61.5 43.6 83.6

272 13.8 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: 116.844 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

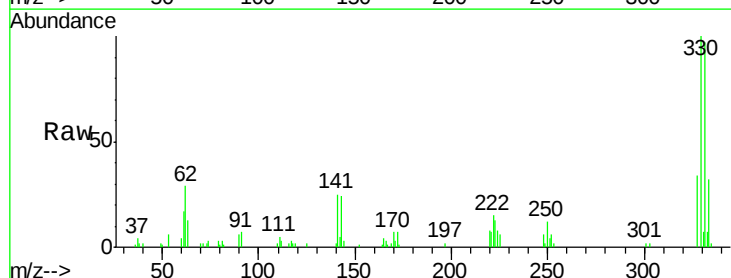
Tgt Ion:330 Resp: 37520

Ion Ratio Lower Upper

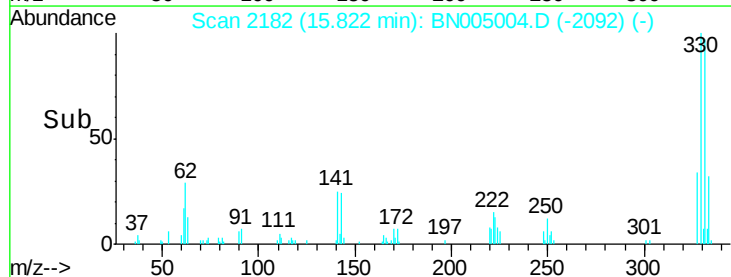
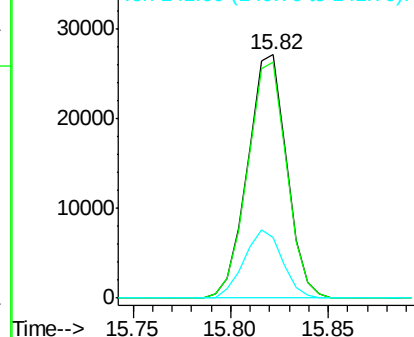
330 100

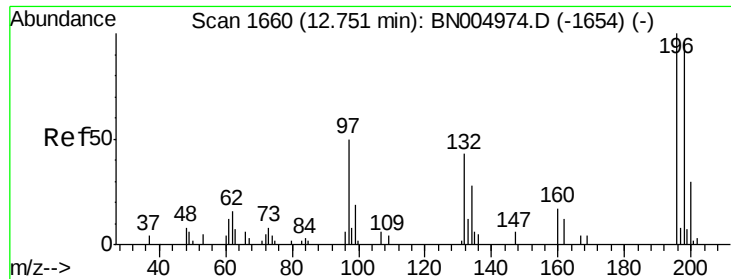
332 97.4 77.4 116.0

141 27.7 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

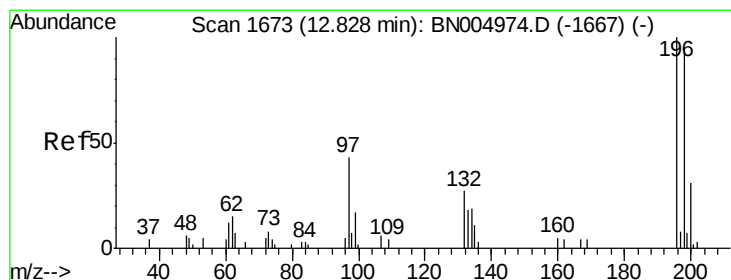
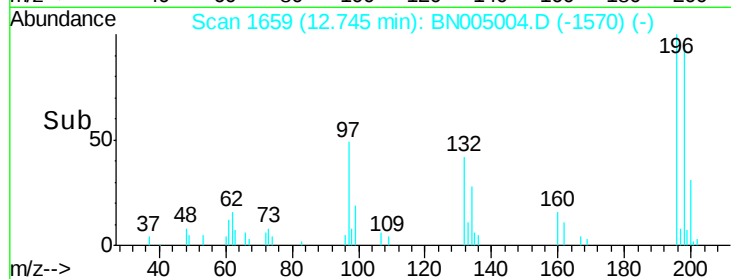
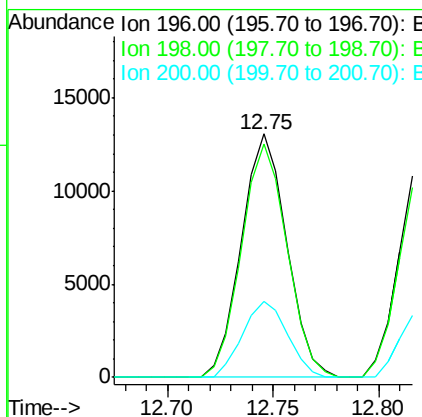
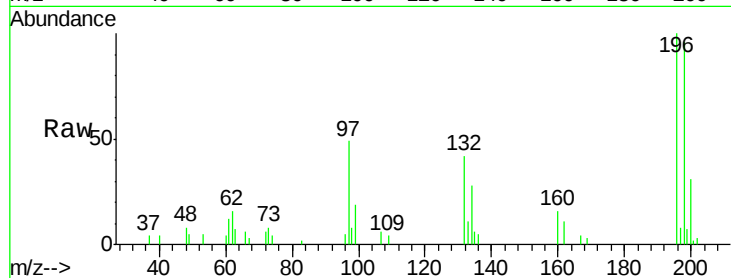




#43
 2,4,6-Trichlorophenol
 Concen: 44.330 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

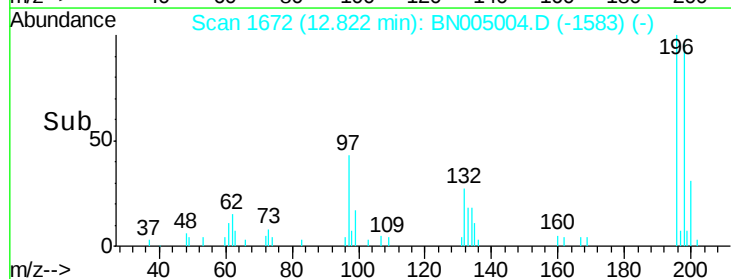
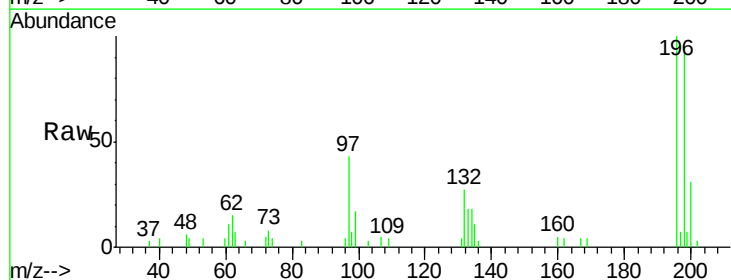
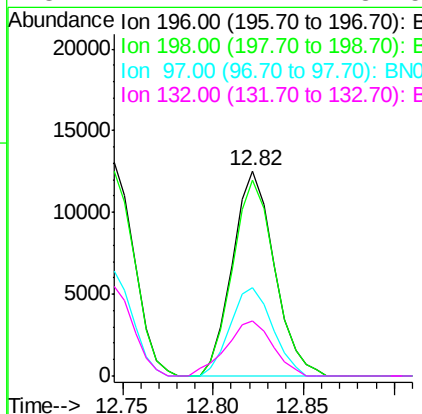
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion:196 Resp: 19425
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.5 114.7
 200 31.3 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.256 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion:196 Resp: 20172
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.1 114.1
 97 42.8 34.8 52.2
 132 27.1 21.7 32.5

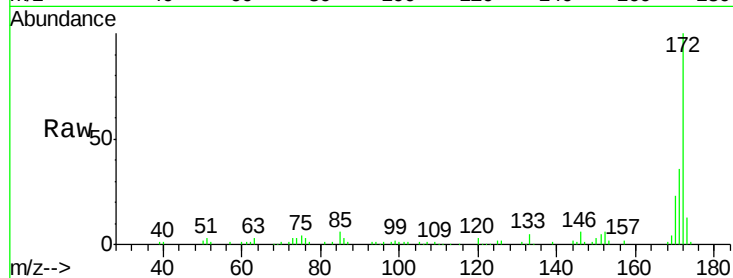




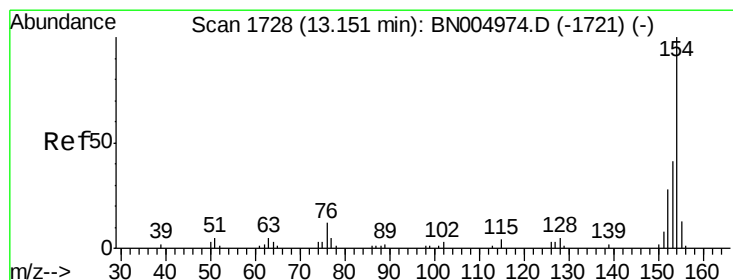
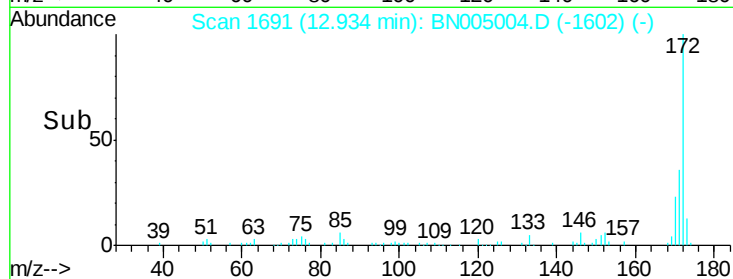
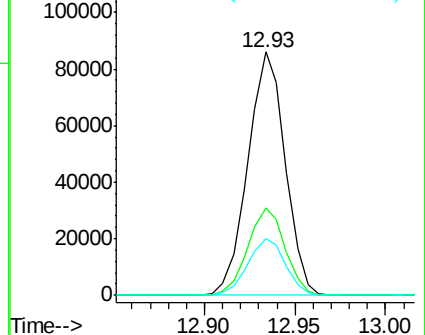
#45
2-Fluorobiphenyl
Concen: 81.775 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion	172	Resp	122867
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	42.8
170	23.2	18.9	28.3

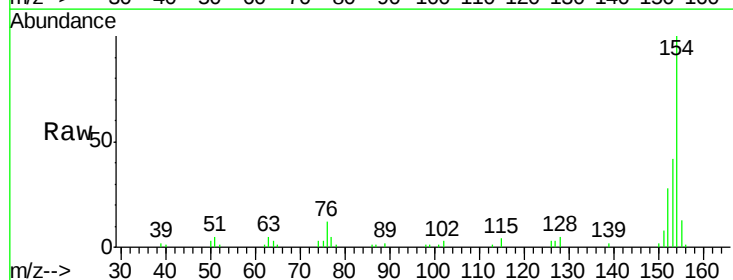


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

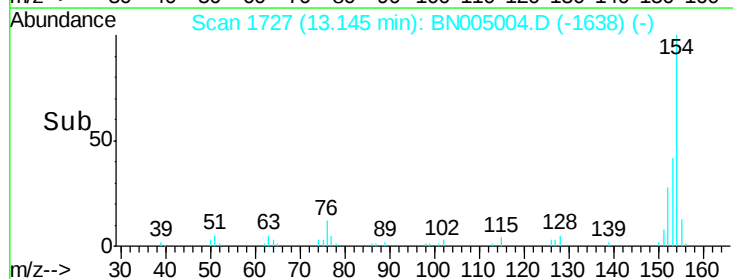
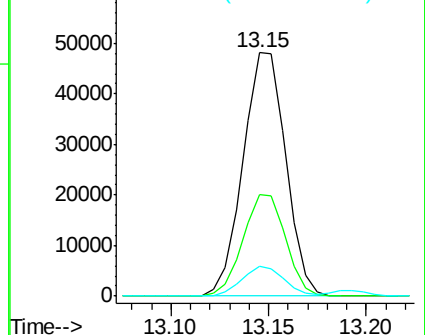


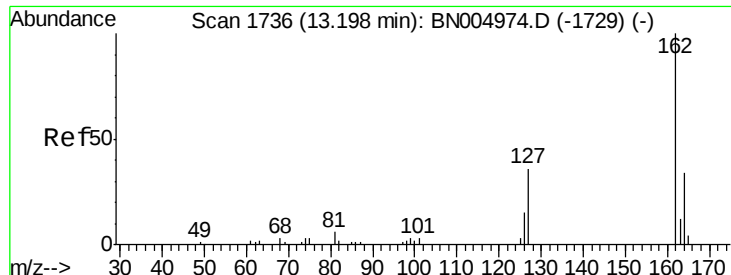
#46
1,1'-Biphenyl
Concen: 43.424 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion	154	Resp	73174
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.2	61.2
76	12.0	0.0	32.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC

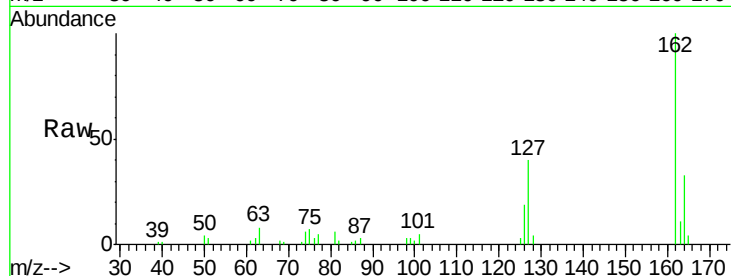




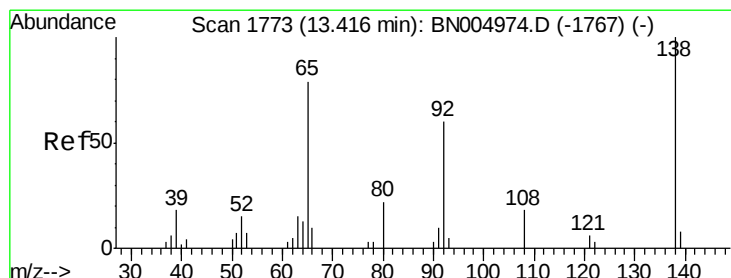
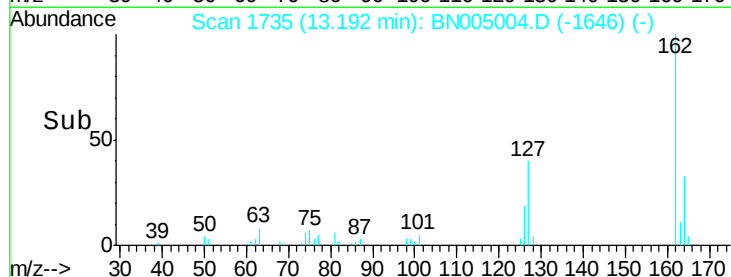
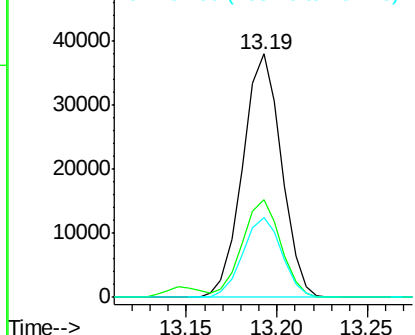
#47
2-Chloronaphthalene
Concen: 43.702 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:162 Resp: 56512
Ion Ratio Lower Upper
162 100
127 40.4 32.4 48.6
164 33.0 26.8 40.2

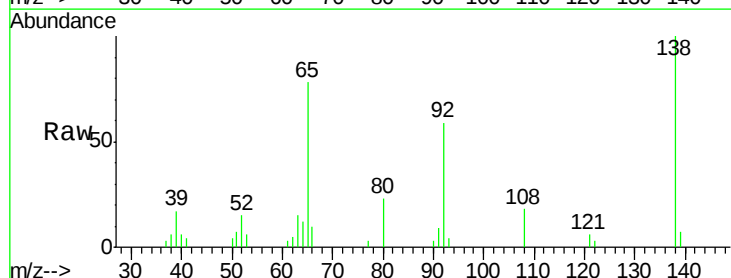


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

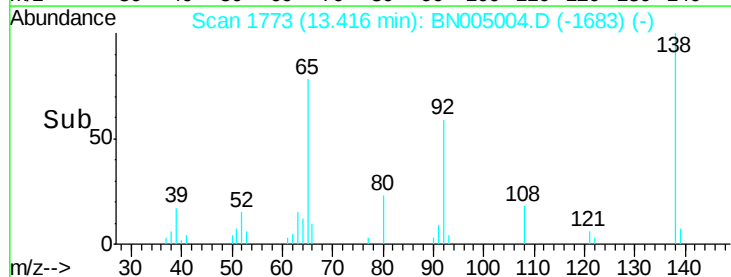
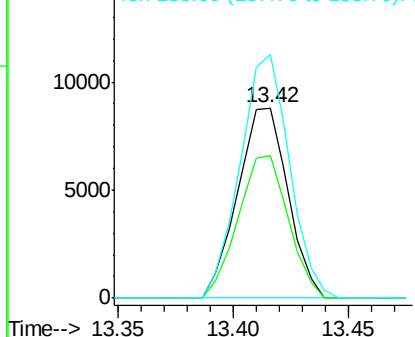


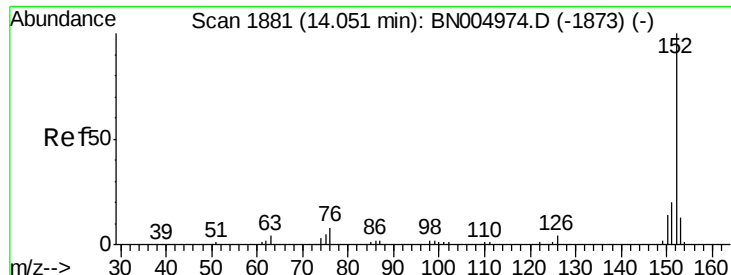
#48
2-Nitroaniline
Concen: 38.727 ng
RT: 13.42 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion: 65 Resp: 13331
Ion Ratio Lower Upper
65 100
92 75.1 60.2 90.4
138 128.2 101.1 151.7



Abundance Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.593 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

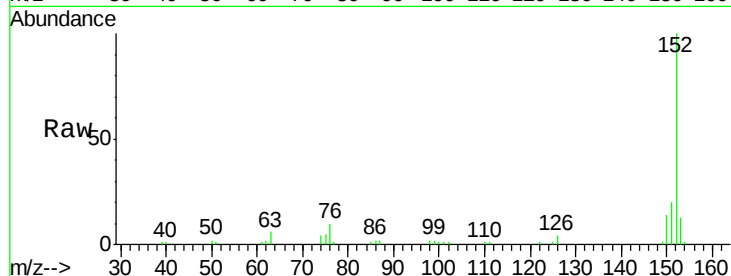
BNA_N

ClientSampleId :

PB118322BSD

Tot Ion:152 Resp: 88288

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.2	10.3	15.5

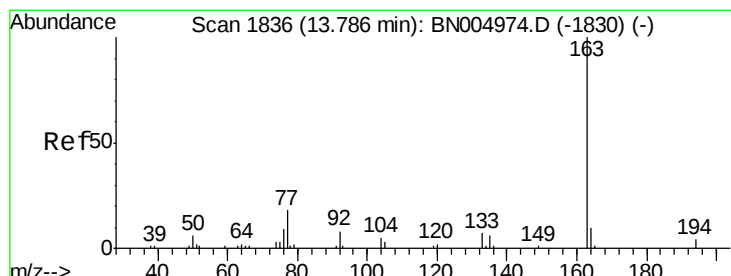
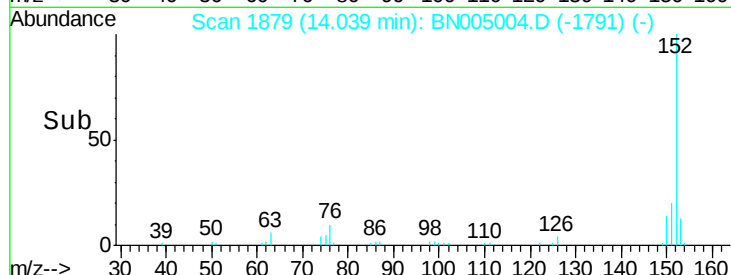
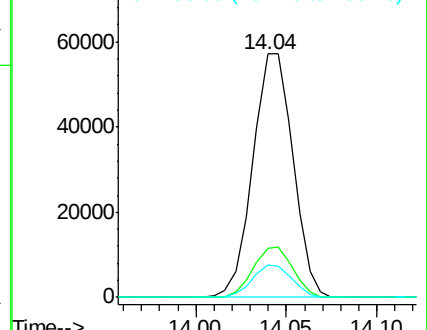


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.681 ng

RT: 13.79 min Scan# 1836

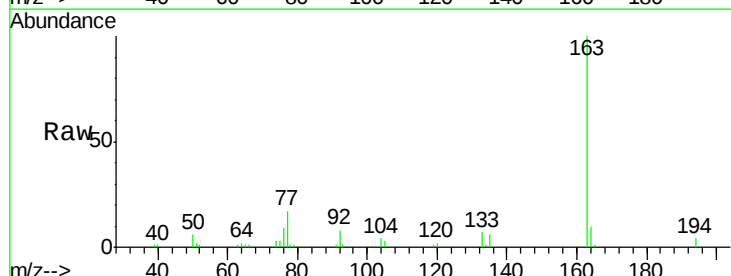
Delta R.T. 0.00 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Tgt Ion:163 Resp: 64908

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.3	12.5

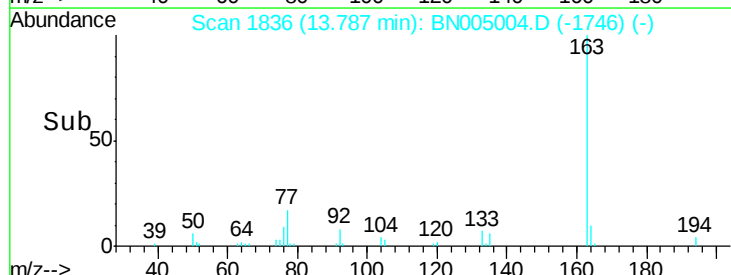
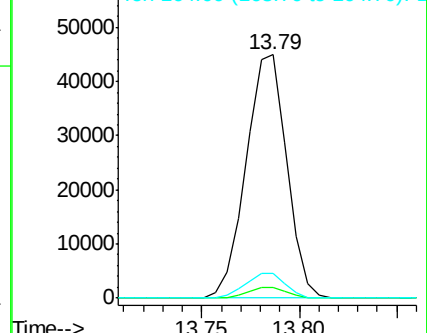


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

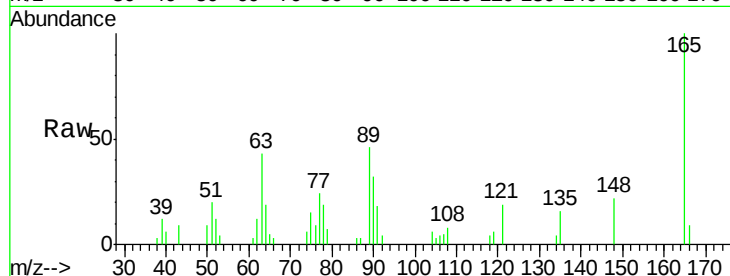




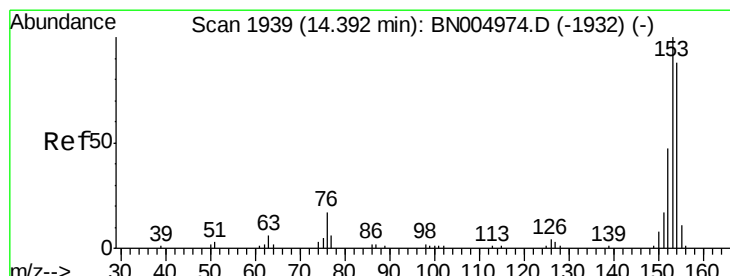
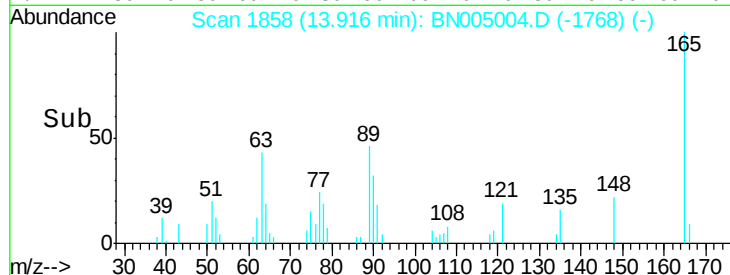
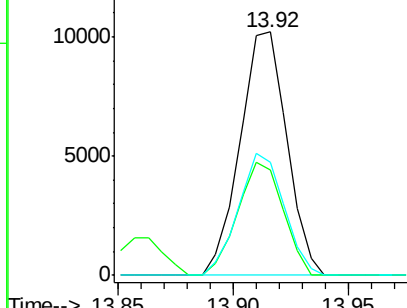
#51
 2,6-Dinitrotoluene
 Concen: 38.757 ng
 RT: 13.92 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion:165 Resp: 14426
 Ion Ratio Lower Upper
 165 100
 63 43.0 37.3 55.9
 89 46.2 39.2 58.8

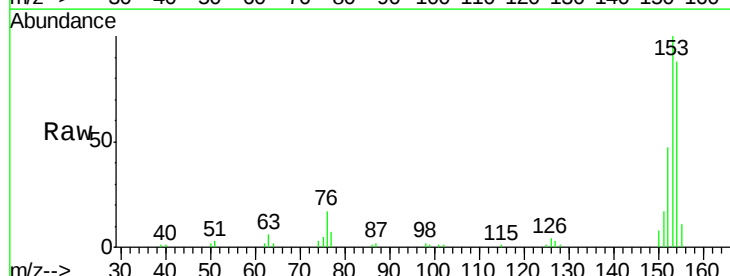


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

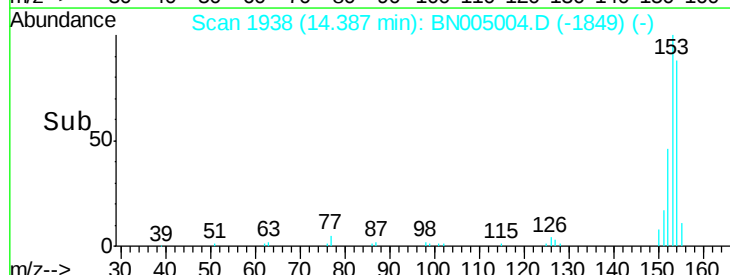
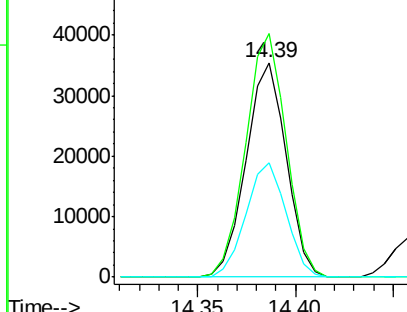


#52
 Acenaphthene
 Concen: 41.268 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion:154 Resp: 50491
 Ion Ratio Lower Upper
 154 100
 153 113.5 91.0 136.4
 152 53.1 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

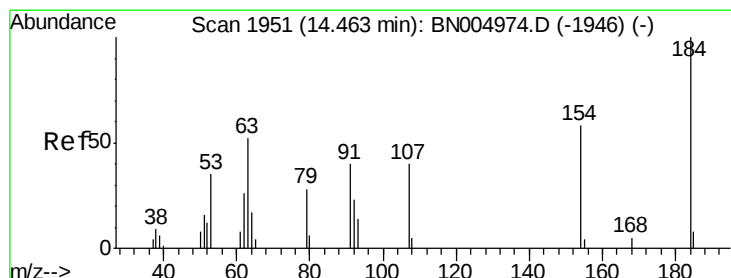
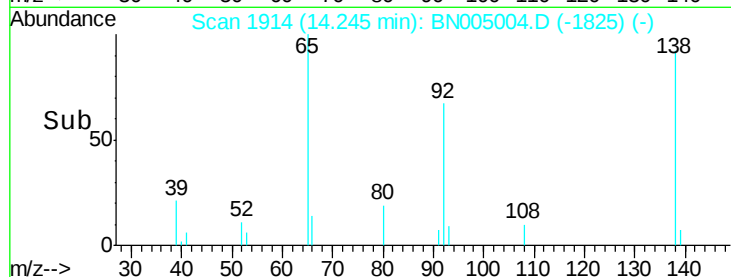
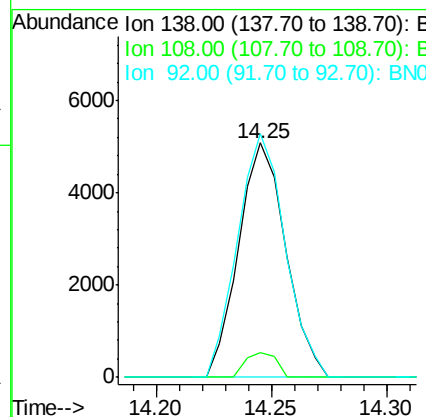
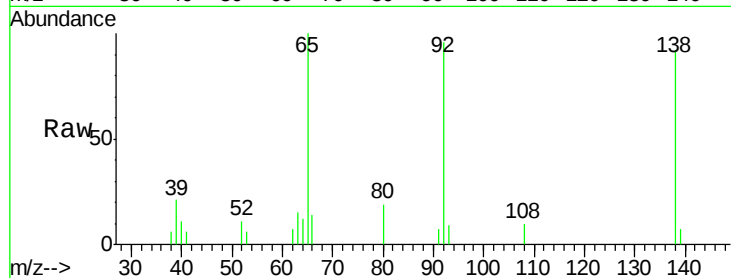




#53
3-Nitroaniline
Concen: 19.029 ng
RT: 14.25 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

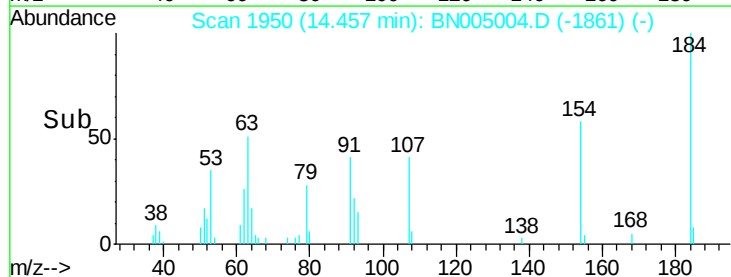
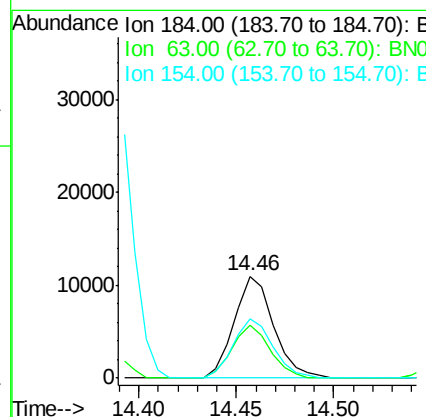
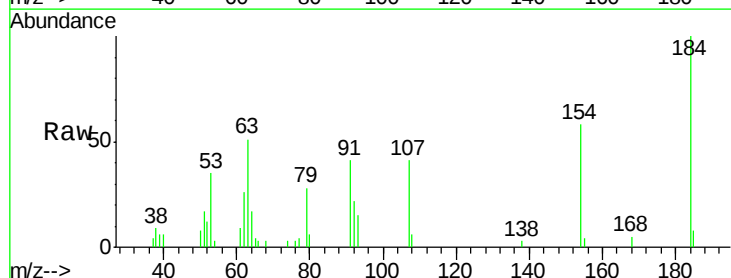
Instrument :
BNA_N
ClientSampleId :
PB118322BSD

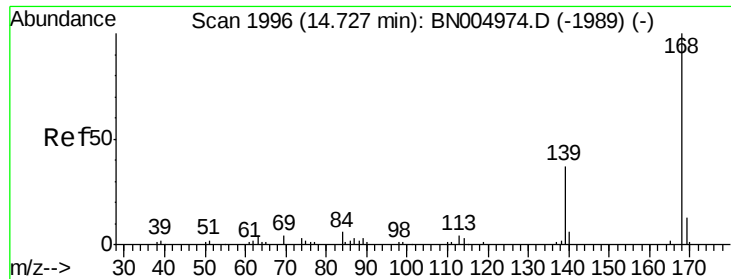
Tot Ion:138 Resp: 7239
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 104.0 86.9 130.3



#54
2,4-Dinitrophenol
Concen: 70.127 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:184 Resp: 15351
Ion Ratio Lower Upper
184 100
63 51.3 41.6 62.4
154 58.0 46.8 70.2

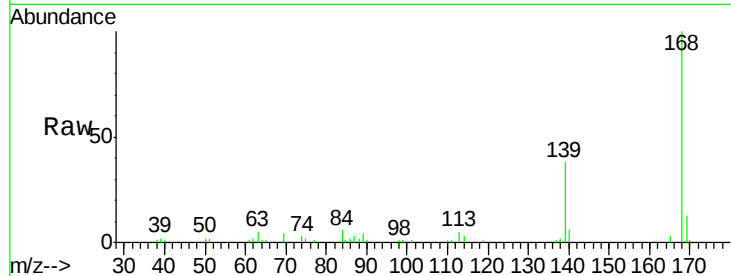




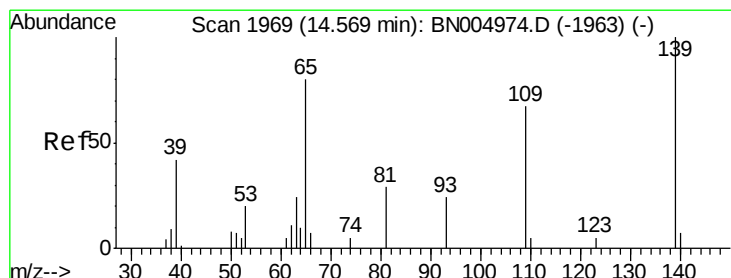
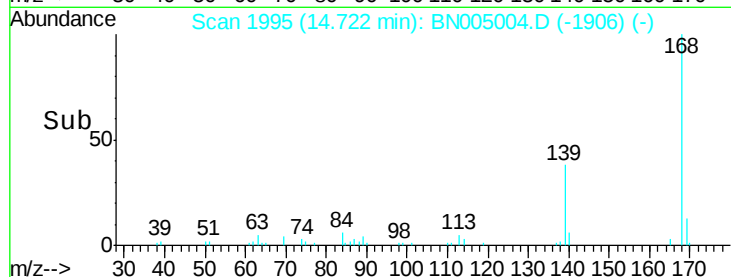
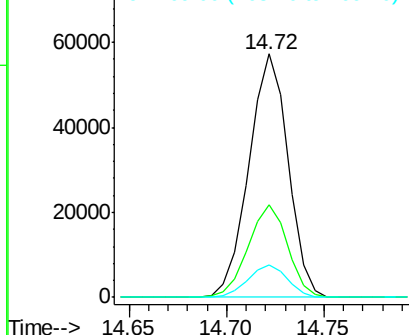
#55
Dibenzenofuran
Concen: 40.908 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:168 Resp: 79641
Ion Ratio Lower Upper
168 100
139 38.2 29.9 44.9
169 13.4 10.6 15.8

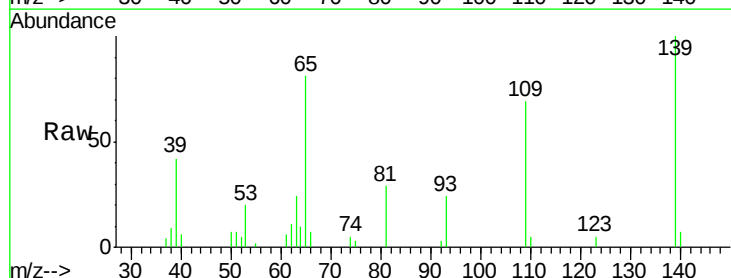


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

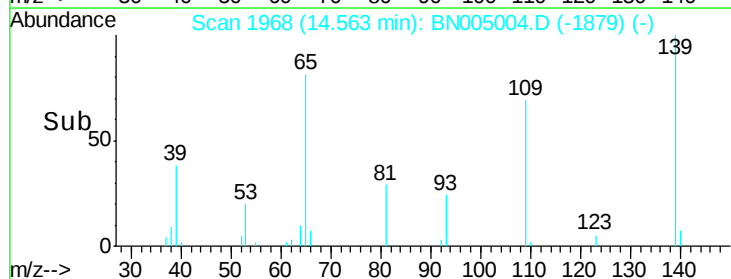
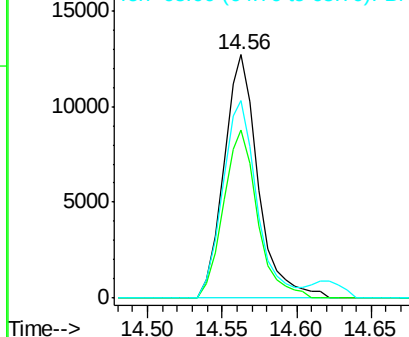


#56
4-Nitrophenol
Concen: 68.029 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:139 Resp: 20388
Ion Ratio Lower Upper
139 100
109 69.0 46.5 86.5
65 81.3 59.5 99.5



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

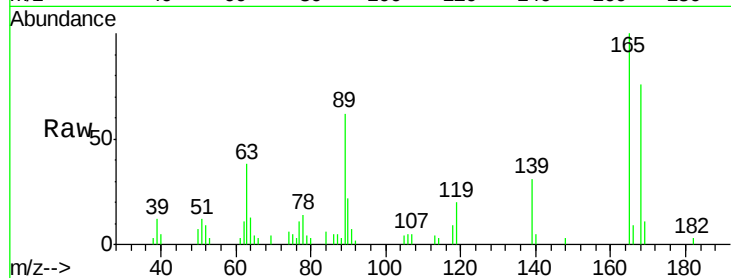




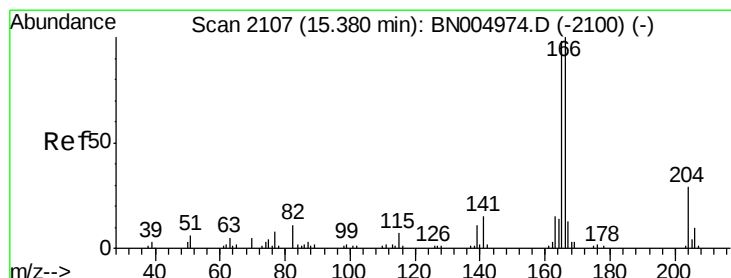
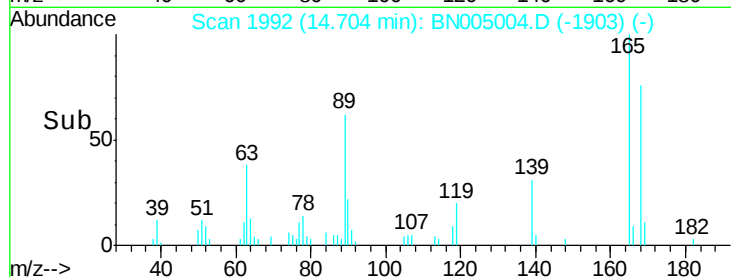
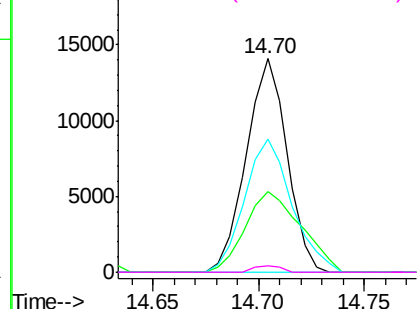
#57
2,4-Dinitrotoluene
Concen: 37.316 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:165 Resp: 18876
Ion Ratio Lower Upper
165 100
63 38.0 30.4 45.6
89 62.3 50.7 76.1
182 3.1 2.5 3.7

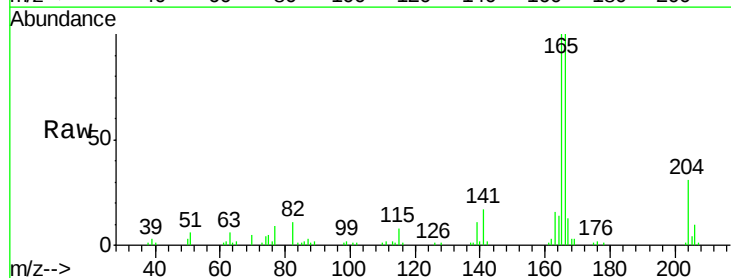


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

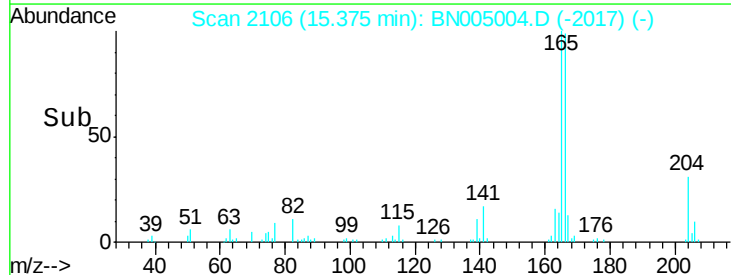
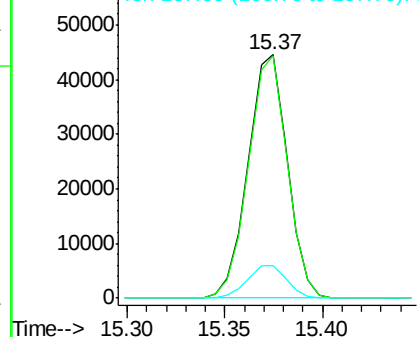


#58
Fluorene
Concen: 39.545 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:166 Resp: 62192
Ion Ratio Lower Upper
166 100
165 99.7 78.3 117.5
167 13.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

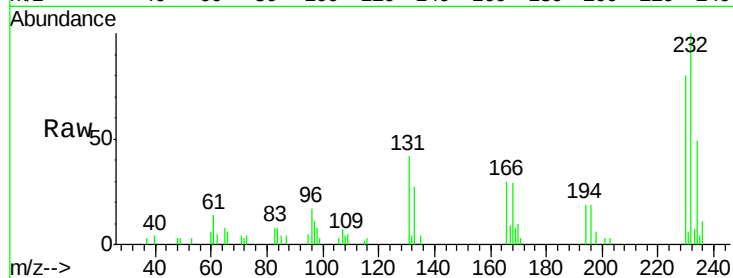




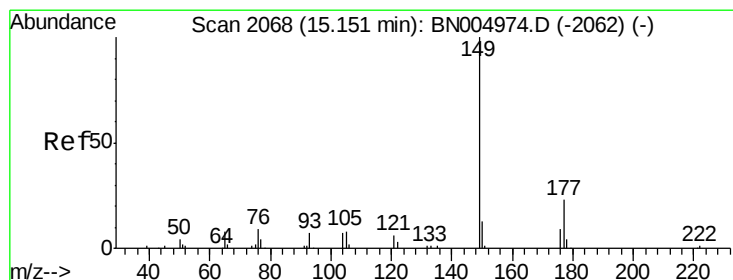
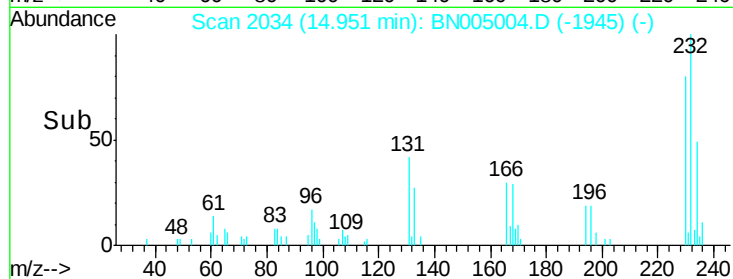
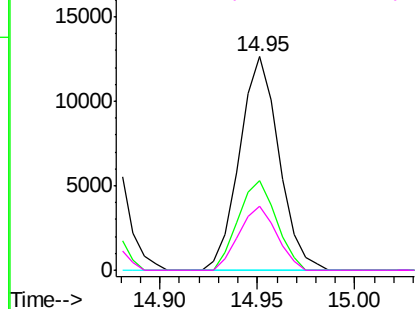
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.105 ng
RT: 14.95 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:232 Resp: 17751
Ion Ratio Lower Upper
232 100
131 40.4 32.4 48.6
130 0.0 0.9 1.3#
166 28.5 22.6 34.0

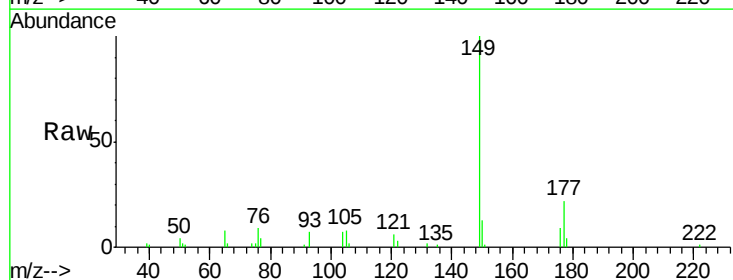


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

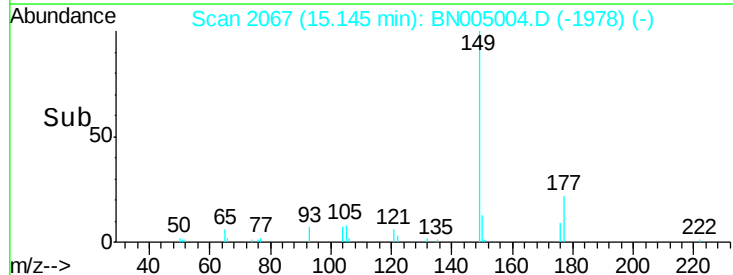
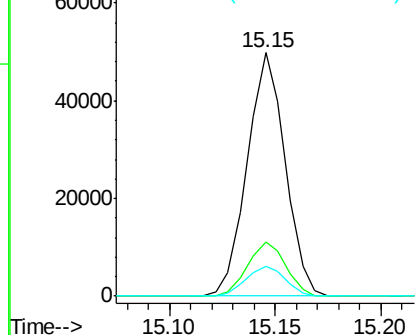


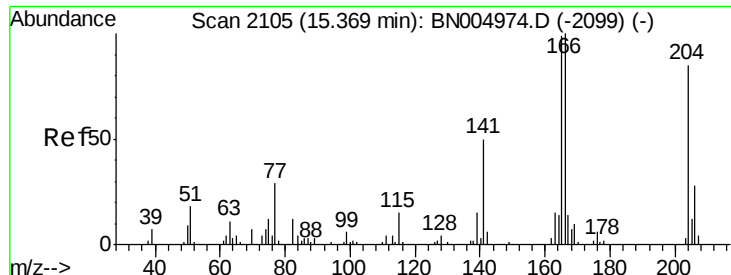
#60
Diethylphthalate
Concen: 38.131 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:149 Resp: 62240
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 12.5 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

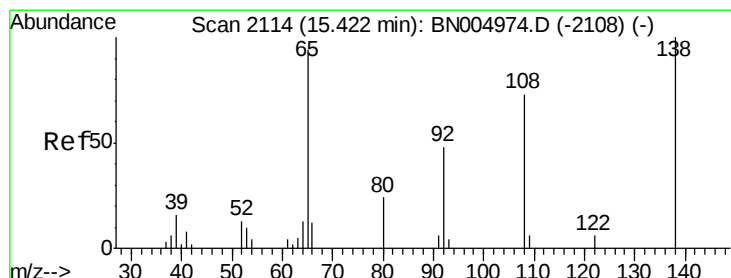
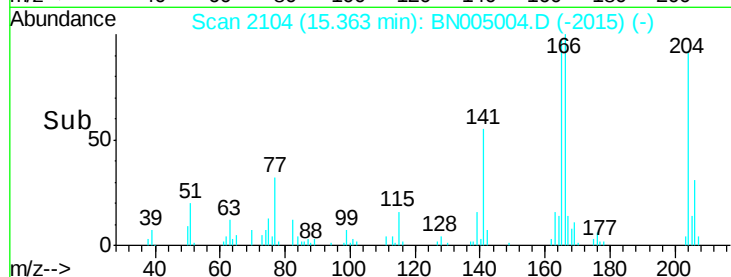
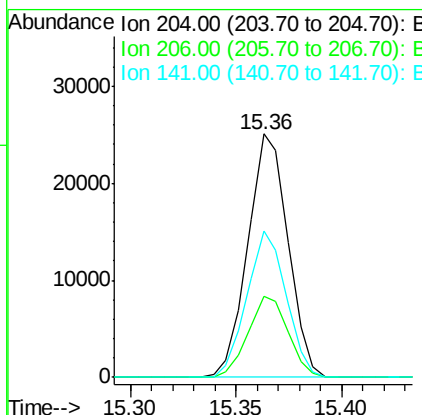
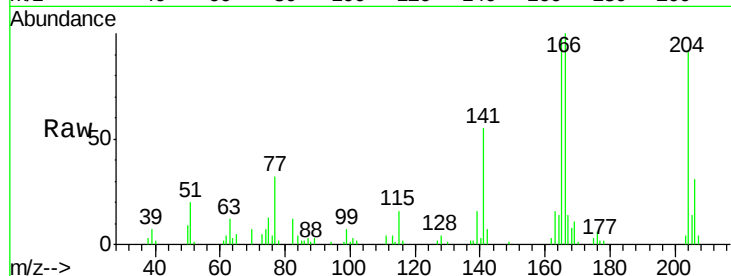




#61
 4-Chlorophenyl-phenylether
 Concen: 40.908 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

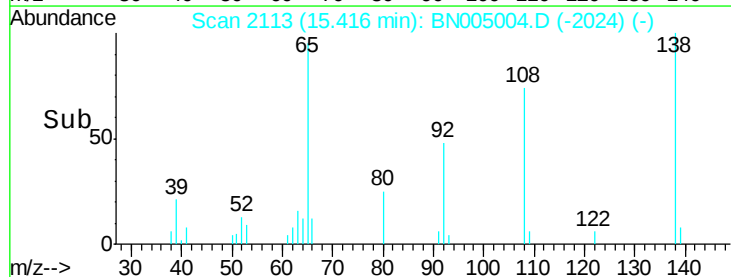
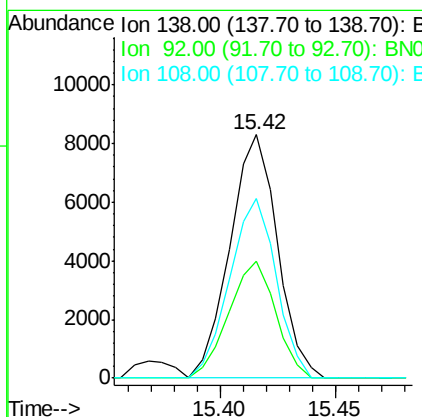
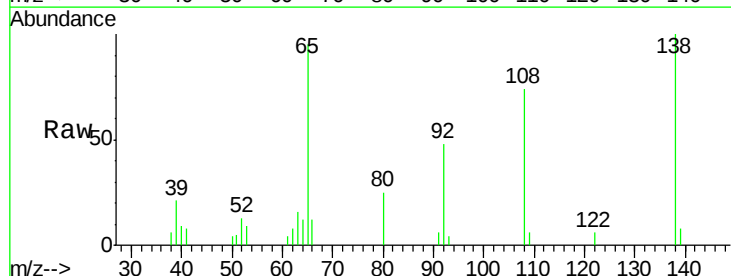
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion:204 Resp: 33190
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.5 39.7
 141 60.1 47.2 70.8



#62
 4-Nitroaniline
 Concen: 31.154 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion:138 Resp: 11908
 Ion Ratio Lower Upper
 138 100
 92 47.9 26.4 66.4
 108 73.6 50.8 90.8





#63

Azobenzene

Concen: 38.980 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

Tot Ion: 77 Resp: 52965

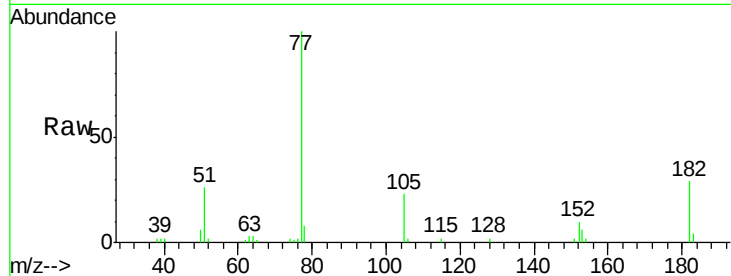
Ion Ratio Lower Upper

77 100

182 29.3 10.0 50.0

105 22.8 2.9 42.9

51 26.1 6.0 46.0

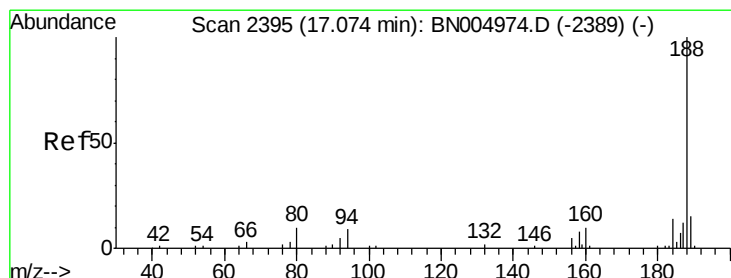
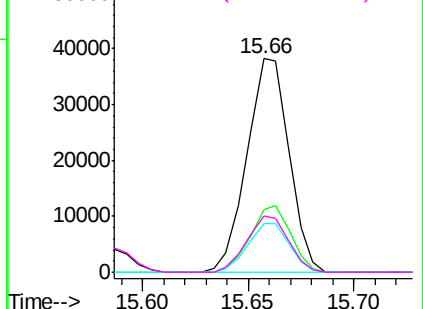
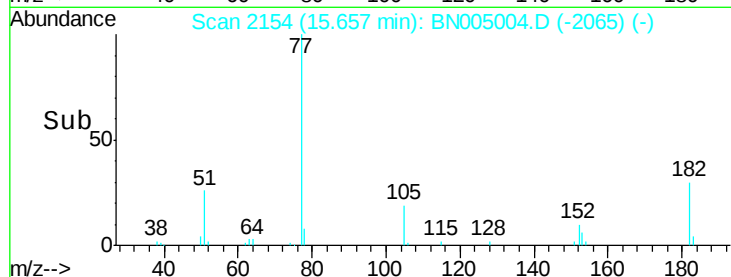


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BN0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

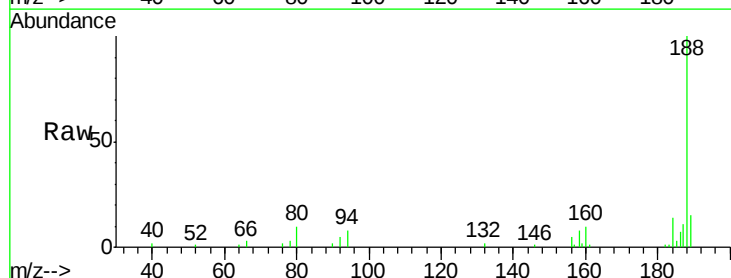
Tgt Ion: 188 Resp: 37971

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

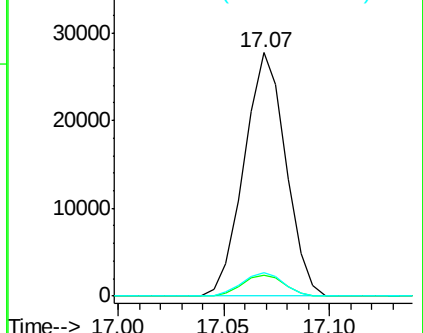
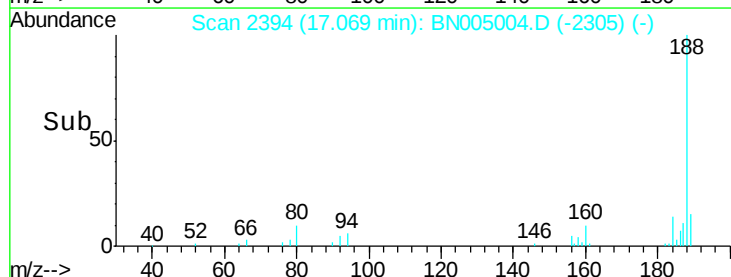
80 9.8 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0





#65

4,6-Dinitro-2-methylphenol

Concen: 38.817 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

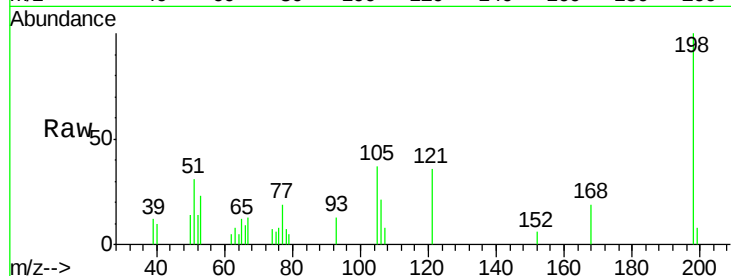
BNA_N

ClientSampleId :

PB118322BSD

Tot Ion:198 Resp: 9743

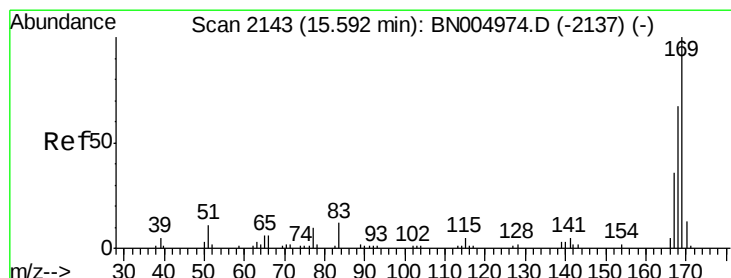
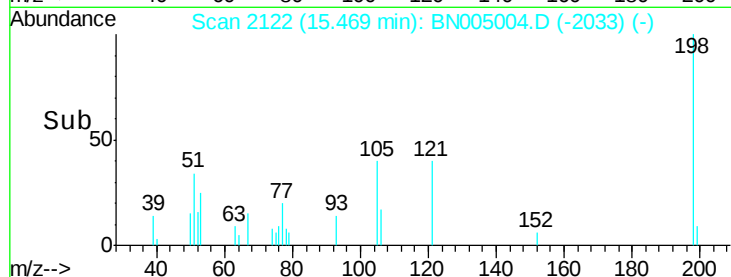
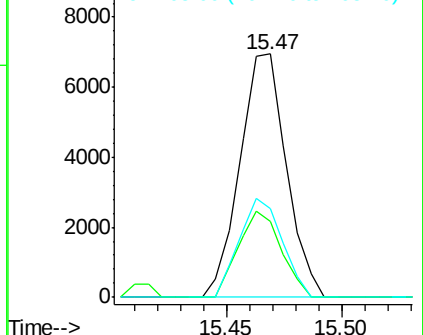
Ion	Ratio	Lower	Upper
198	100		
51	31.1	12.0	52.0
105	36.6	17.6	57.6



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: 44.383 ng

RT: 15.59 min Scan# 2142

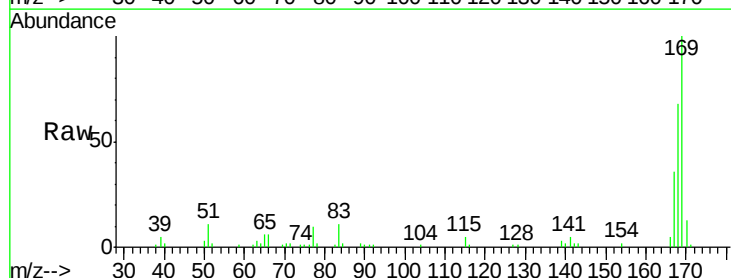
Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Tgt Ion:169 Resp: 53085

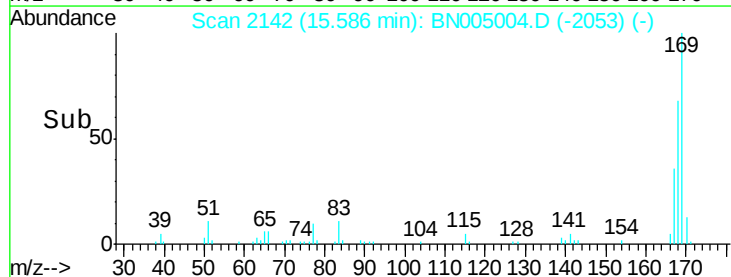
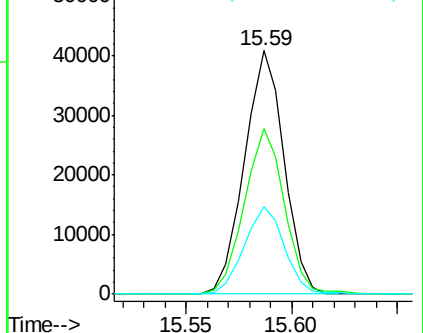
Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.4	80.2
167	36.1	28.9	43.3



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

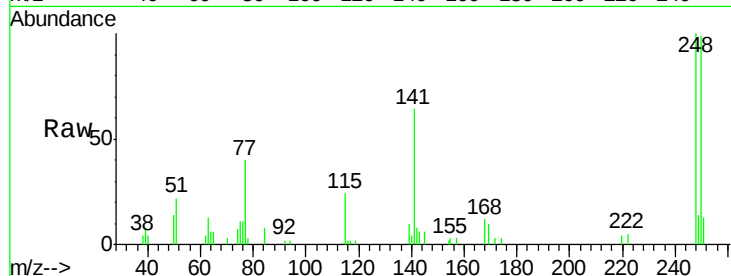




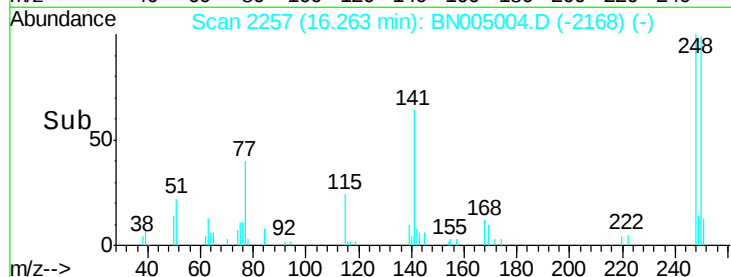
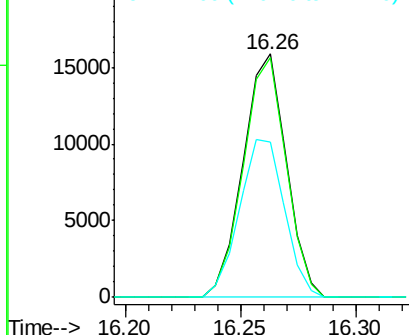
#67
4-Bromophenyl-phenylether
Concen: 43.812 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:248 Resp: 20760
Ion Ratio Lower Upper
248 100
250 98.6 79.4 119.2
141 64.0 52.3 78.5

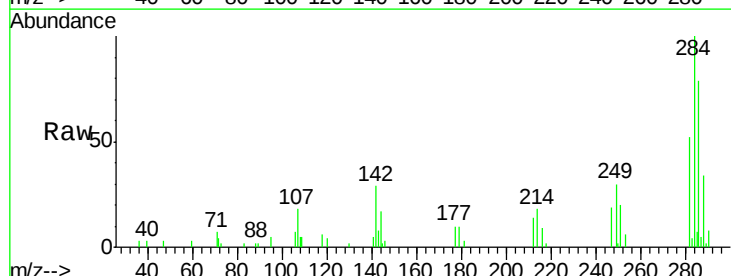


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

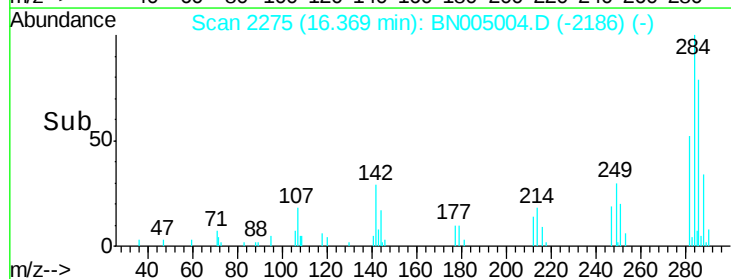
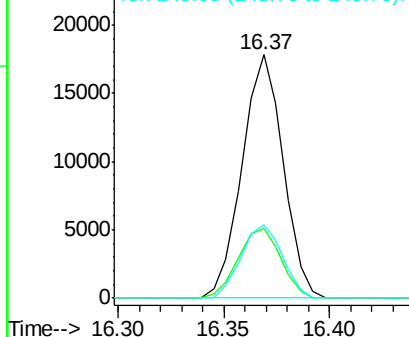


#68
Hexachlorobenzene
Concen: 43.297 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:284 Resp: 24036
Ion Ratio Lower Upper
284 100
142 28.7 23.5 35.3
249 30.0 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: 39.741 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

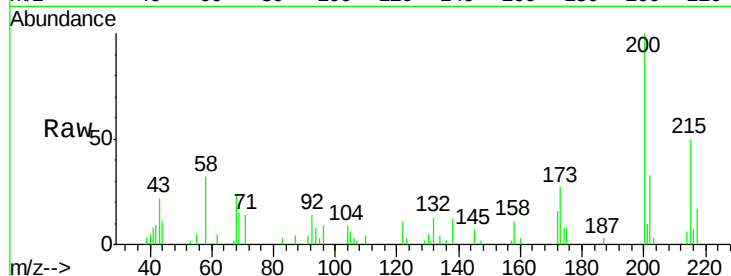
Tot Ion:200 Resp: 16982

Ion Ratio Lower Upper

200 100

173 26.6 6.4 46.4

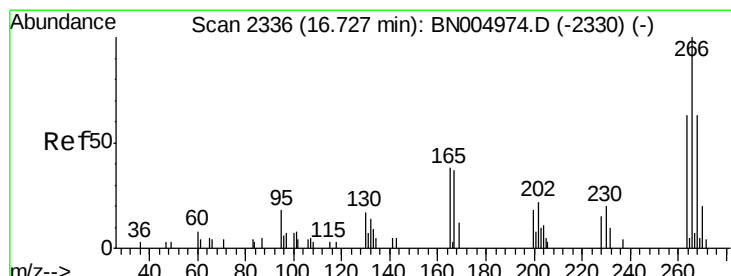
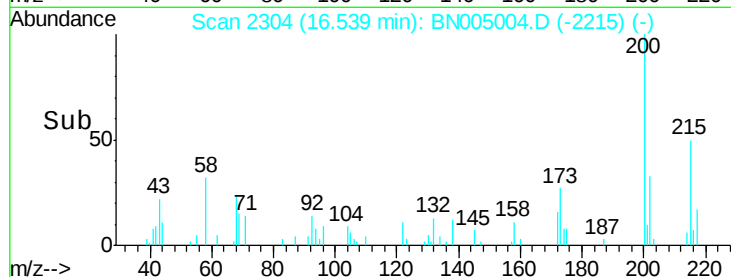
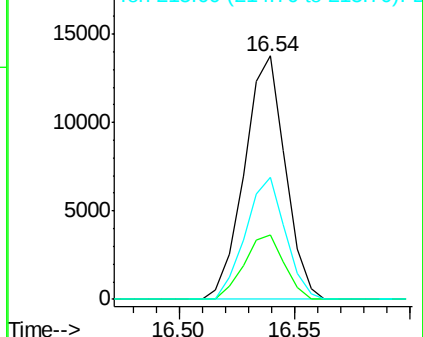
215 50.3 28.8 68.8



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: 78.803 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

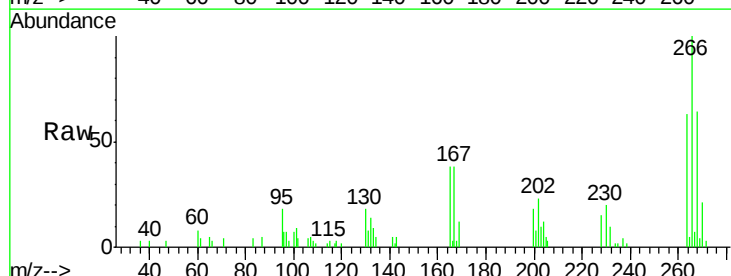
Tgt Ion:266 Resp: 23001

Ion Ratio Lower Upper

266 100

268 64.3 50.8 76.2

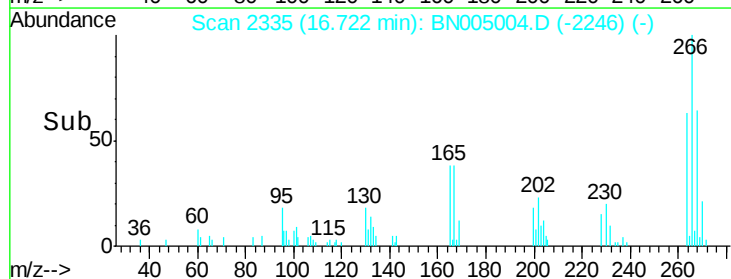
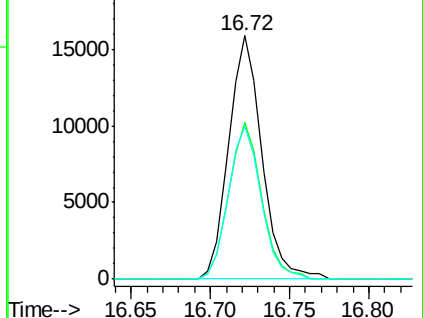
264 62.5 50.0 75.0

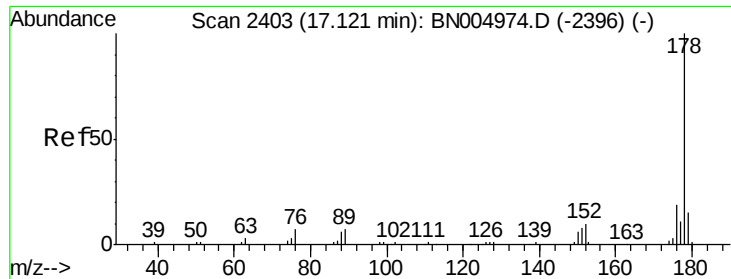


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

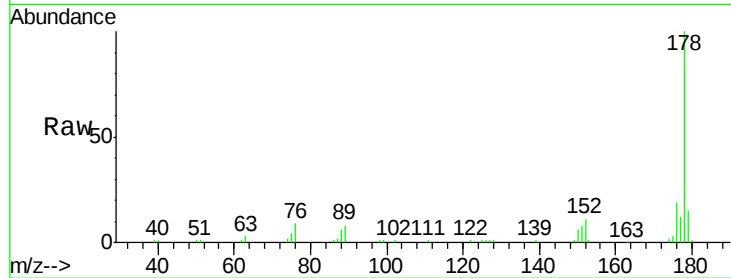




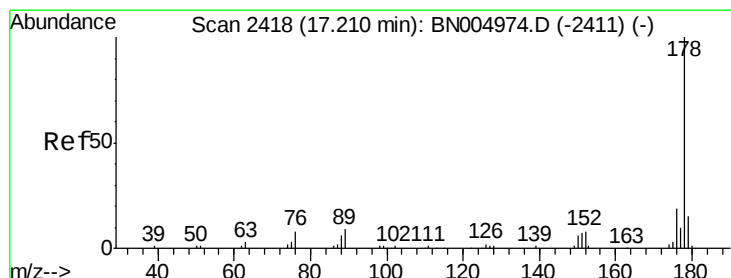
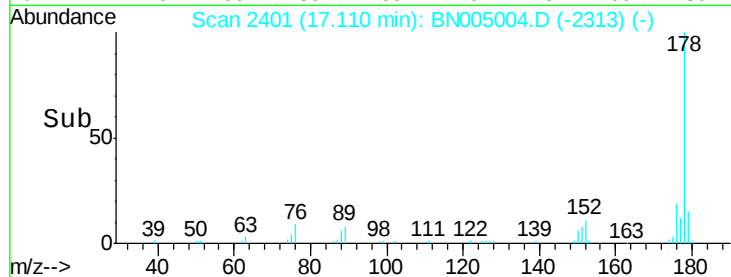
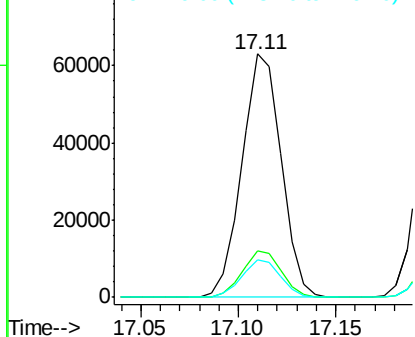
#71
Phenanthrene
Concen: 41.275 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:178 Resp: 88061
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.2 12.3 18.5

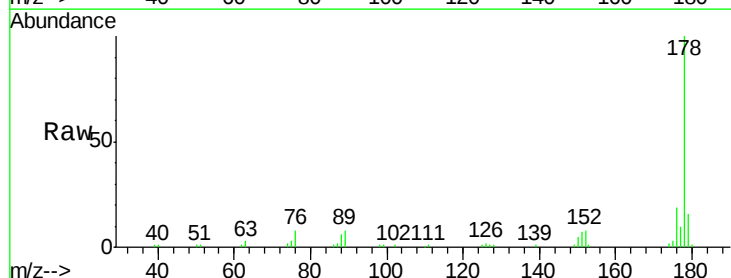


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

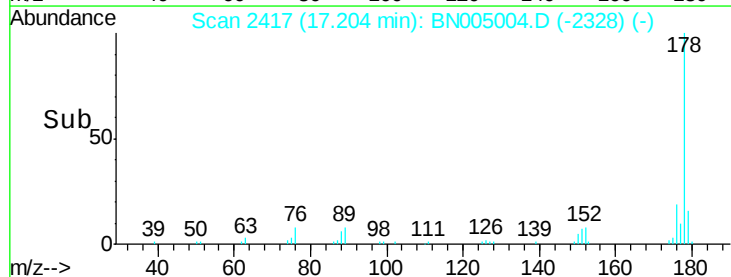
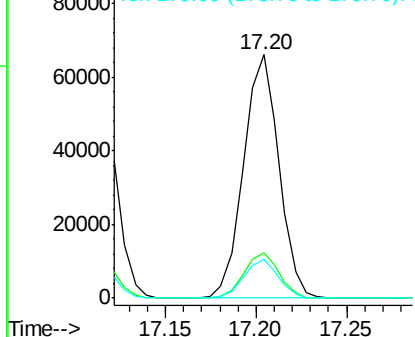


#72
Anthracene
Concen: 42.069 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:178 Resp: 89339
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.248 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

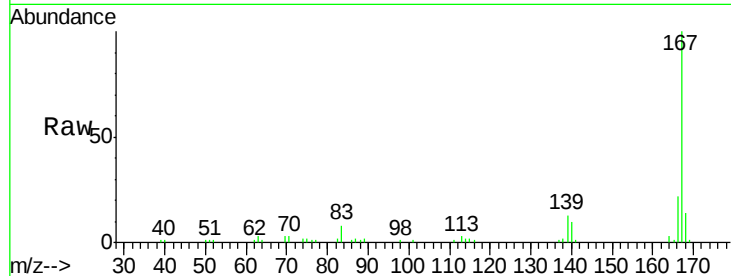
Tot Ion:167 Resp: 73932

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

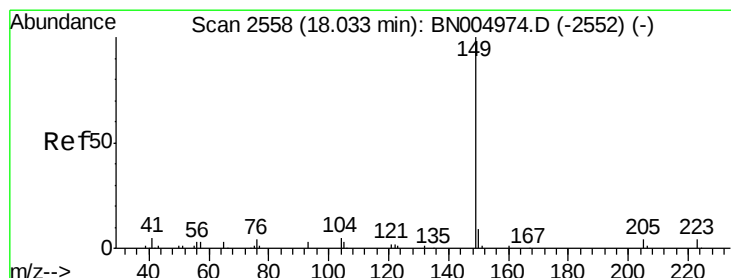
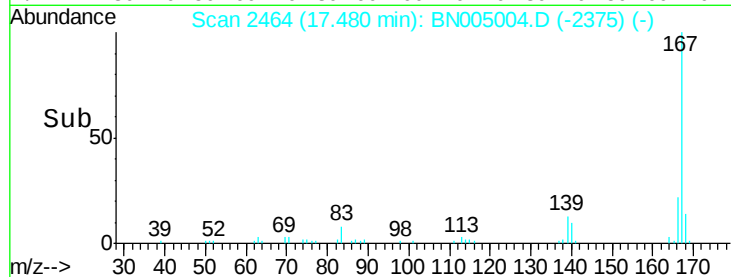
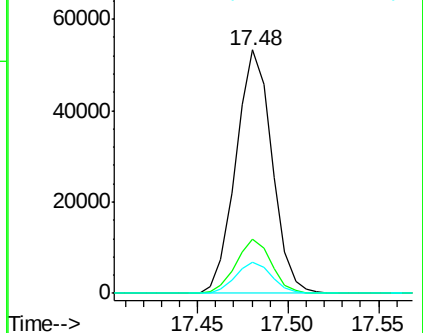
139 13.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.230 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

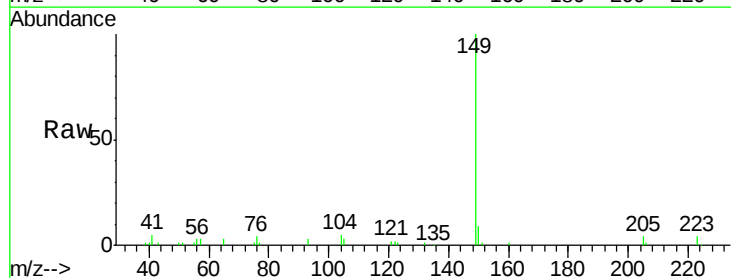
Tgt Ion:149 Resp: 90021

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

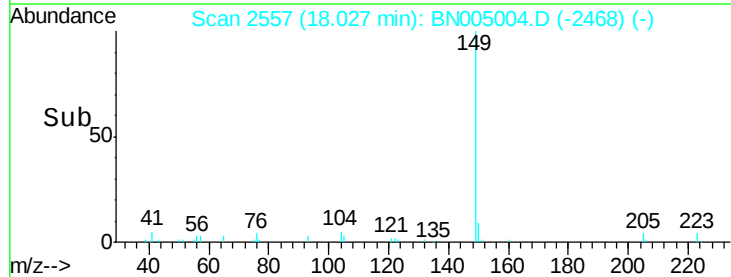
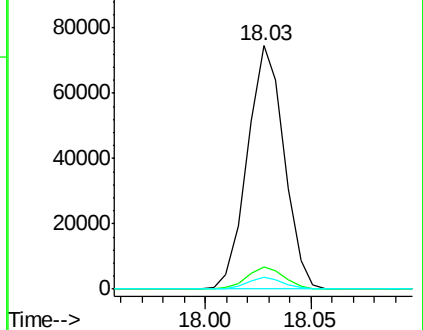
104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

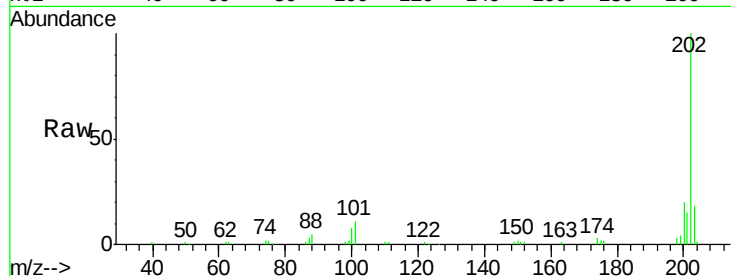




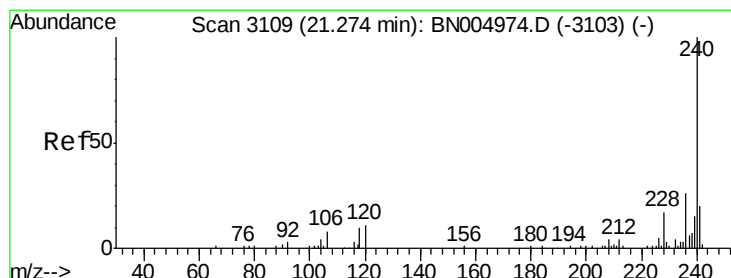
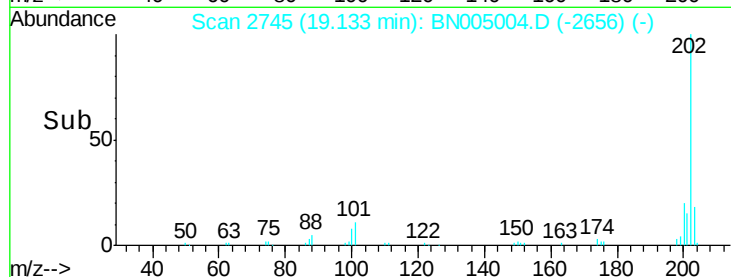
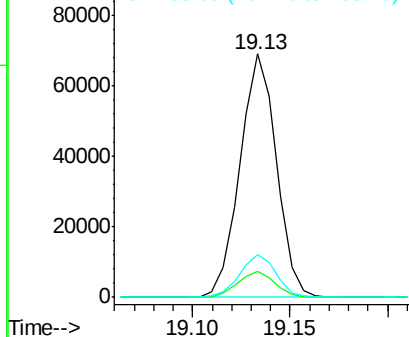
#75
 Fluoranthene
 Concen: 36.706 ng
 RT: 19.13 min Scan# 2745
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Tot Ion:202 Resp: 89343
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.1
 203 17.6 0.0 37.5

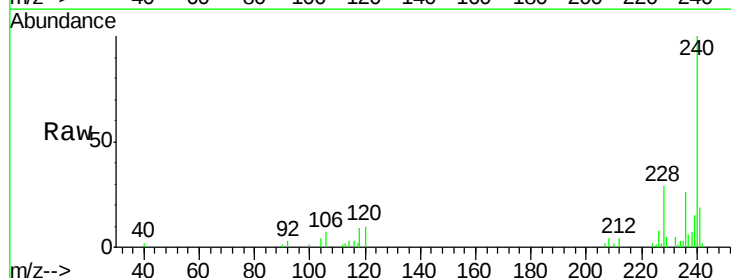


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

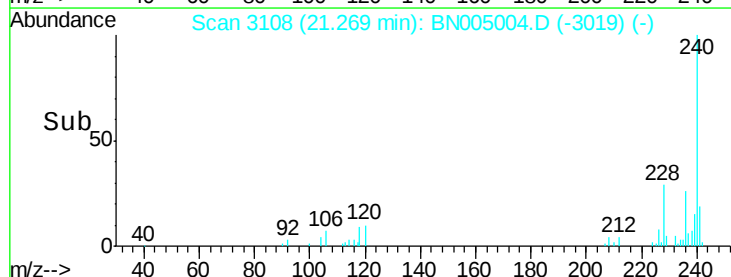
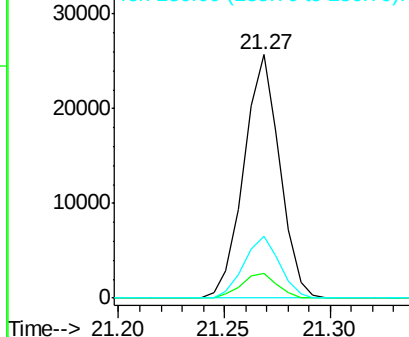


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion:240 Resp: 30281
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.5 12.7
 236 25.6 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: 40.427 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

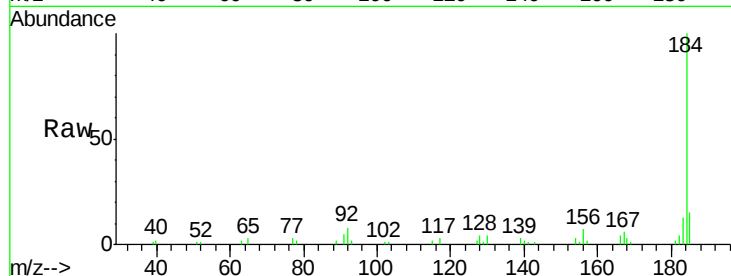
Tot Ion:184 Resp: 38151

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

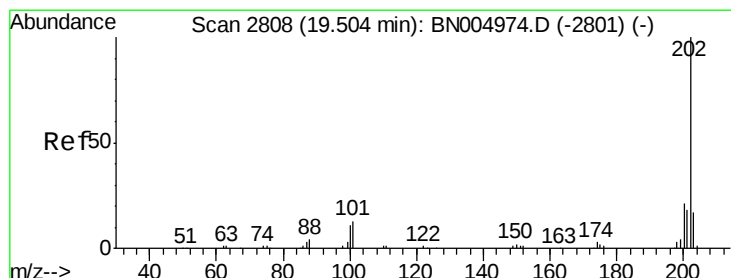
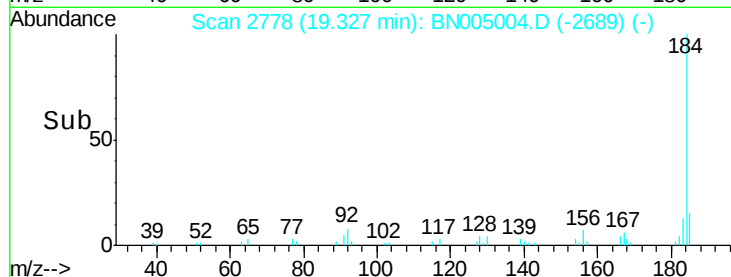
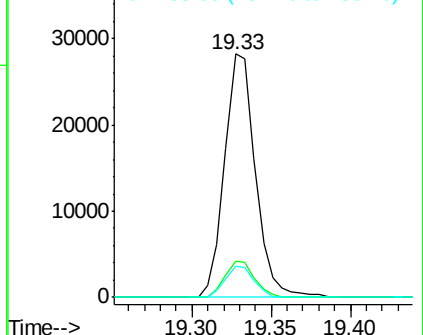
183 12.7 9.9 14.9



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: 44.197 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

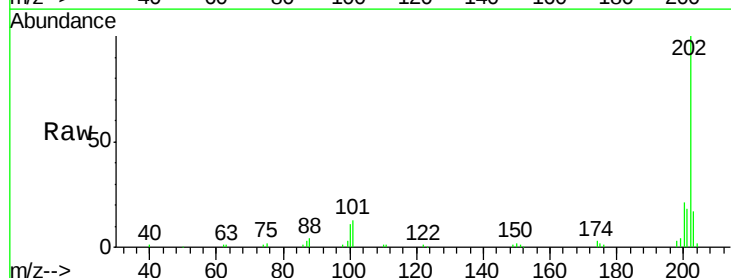
Tgt Ion:202 Resp: 89364

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

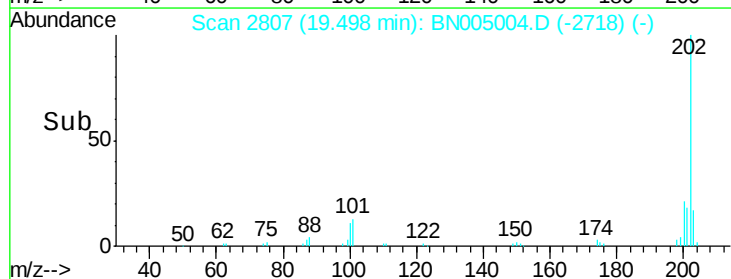
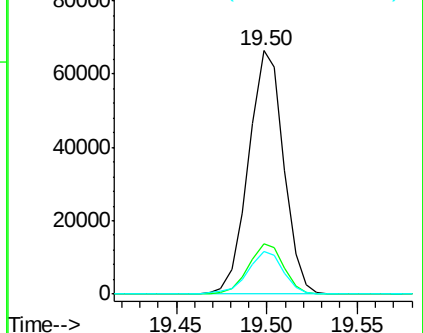
203 17.5 14.0 21.0



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

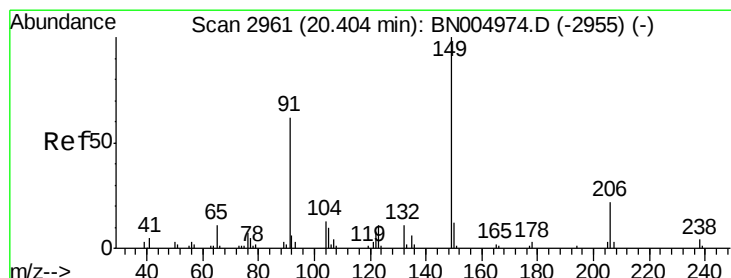
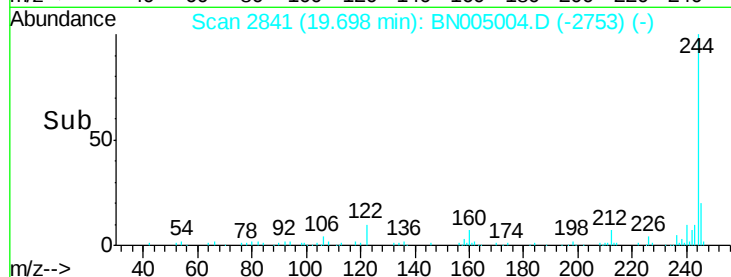
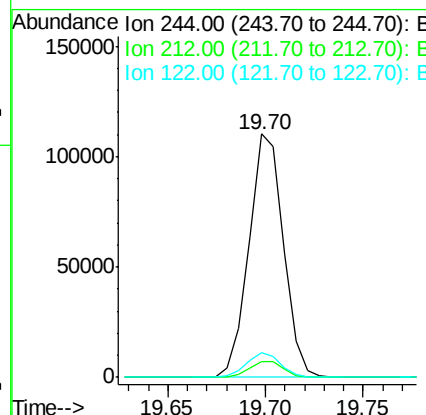
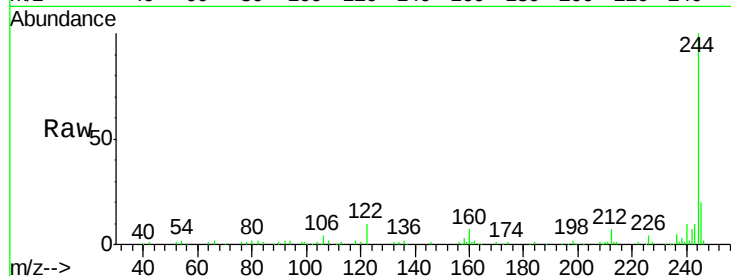




#79
 Terphenyl-d14
 Concen: 85.723 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

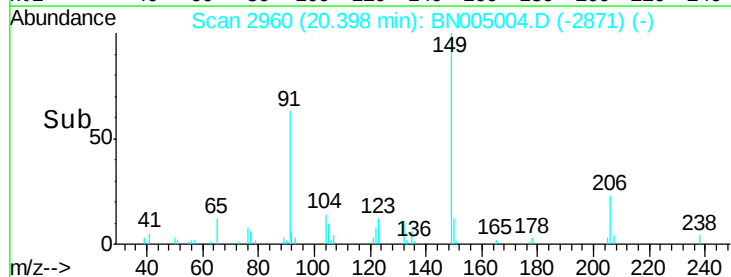
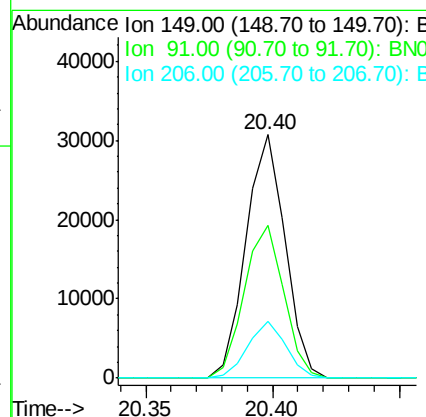
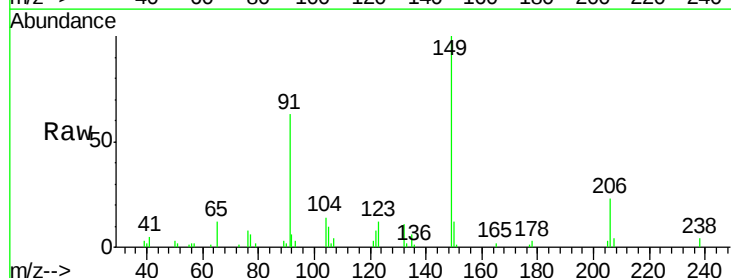
Instrument :
 BNA_N
 ClientSampled :
 PB118322BSD

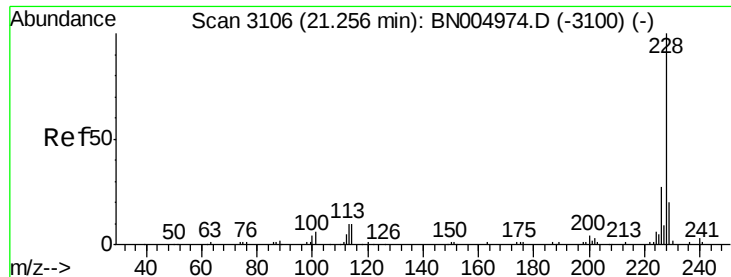
Tot Ion:244 Resp: 134829
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.1 7.4 11.2



#80
 Butylbenzylphthalate
 Concen: 40.203 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BN005004.D
 Acq: 27 Mar 2019 21:02

Tgt Ion:149 Resp: 33030
 Ion Ratio Lower Upper
 149 100
 91 62.8 49.3 73.9
 206 23.2 17.9 26.9





#81

Benzo(a)anthracene

Concen: 40.905 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

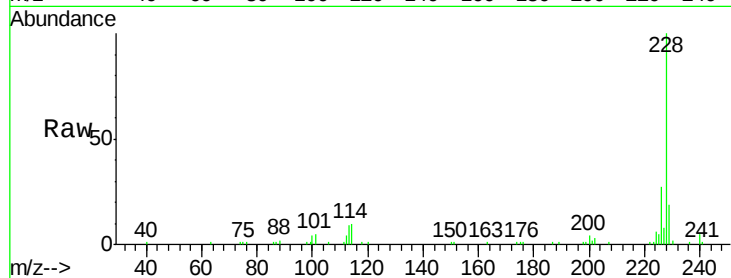
Tot Ion:228 Resp: 77156

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.6

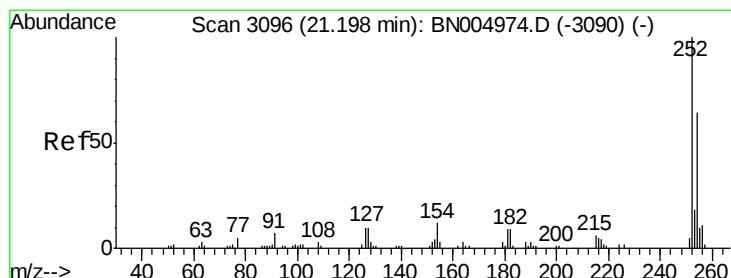
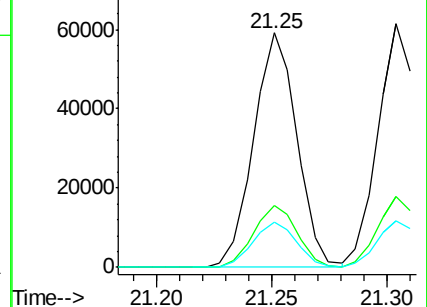
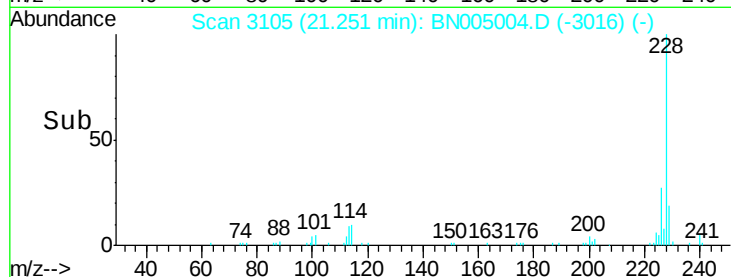
229 19.4 15.9 23.9



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: 24.050 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

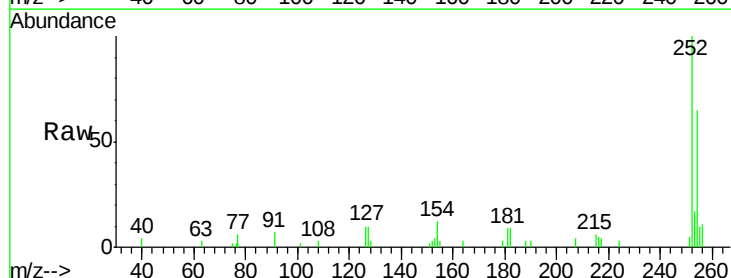
Tgt Ion:252 Resp: 16963

Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

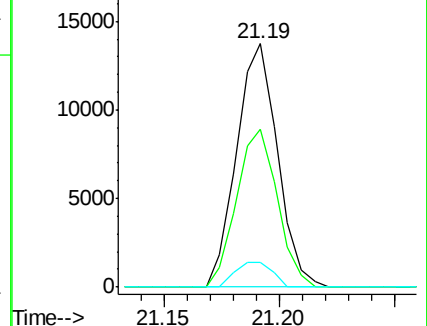
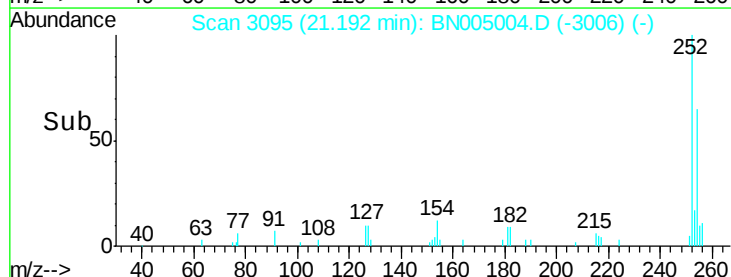
126 10.3 7.9 11.9

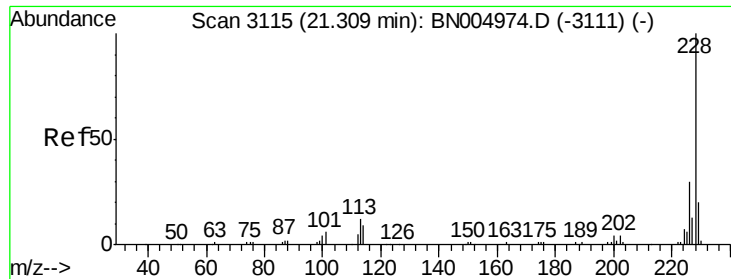


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

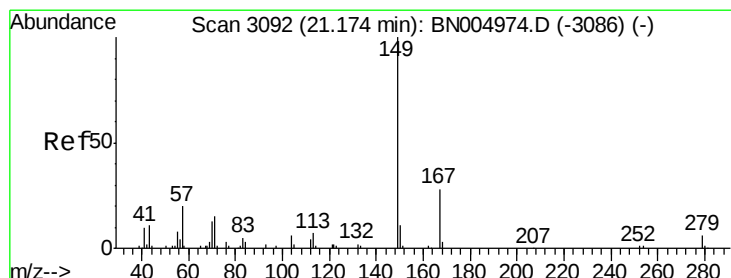
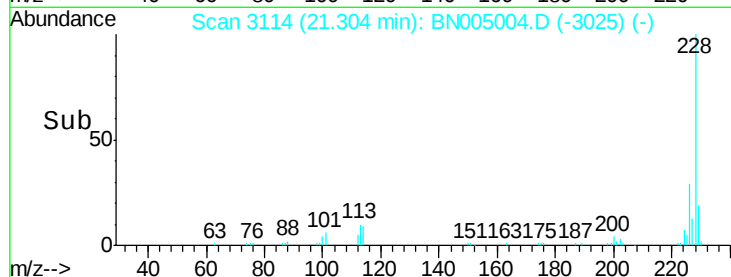
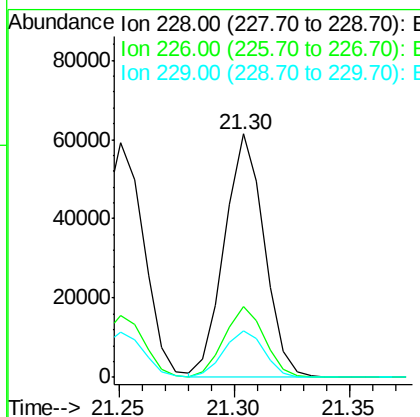
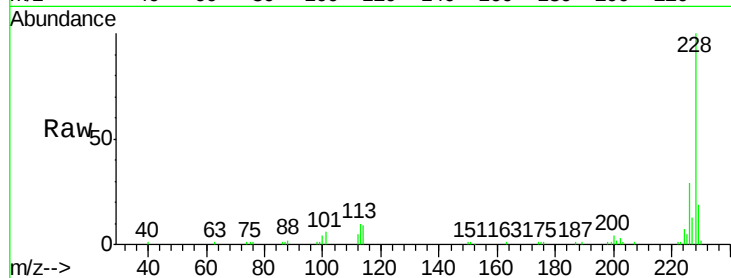




#83
Chrysene
Concen: 40.844 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

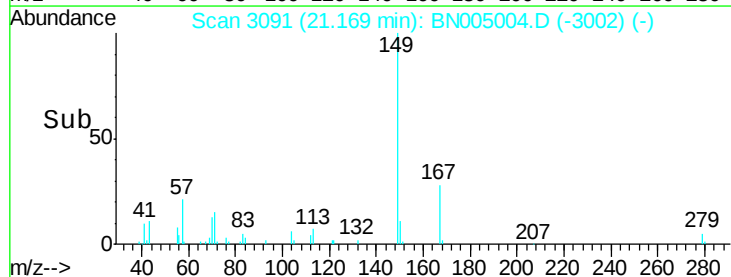
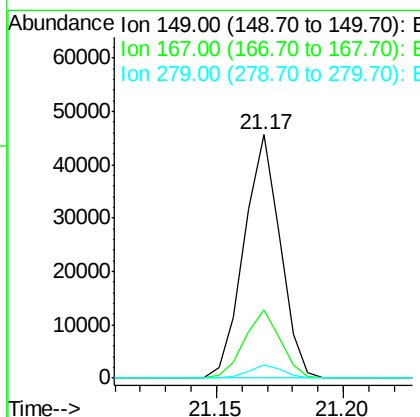
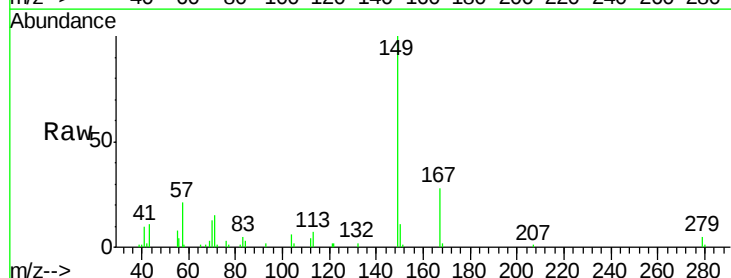
Instrument :
BNA_N
ClientSampleId :
PB118322BSD

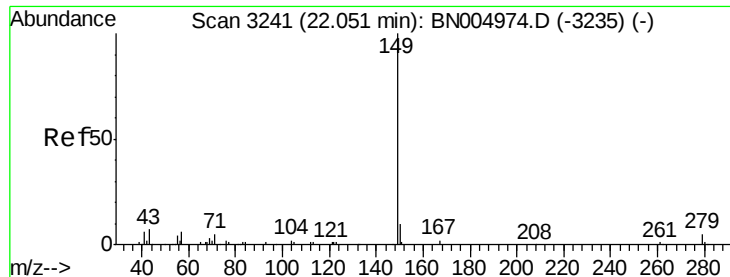
Tot Ion:228 Resp: 73585
Ion Ratio Lower Upper
228 100
226 29.2 24.2 36.2
229 19.2 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.952 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:149 Resp: 45415
Ion Ratio Lower Upper
149 100
167 27.9 22.5 33.7
279 5.4 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 40.389 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

Instrument :

BNA_N

ClientSampleId :

PB118322BSD

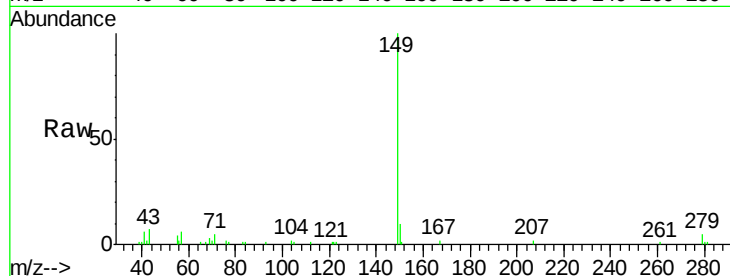
Tot Ion:149 Resp: 74094

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

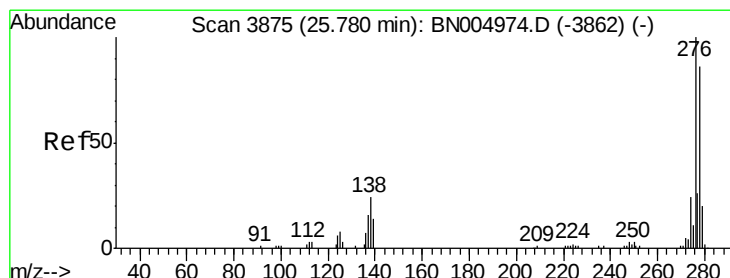
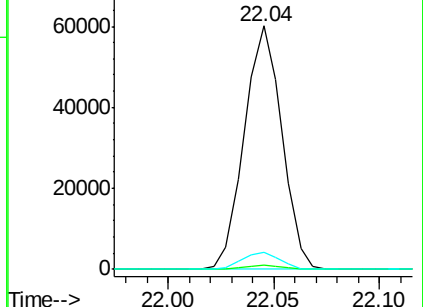
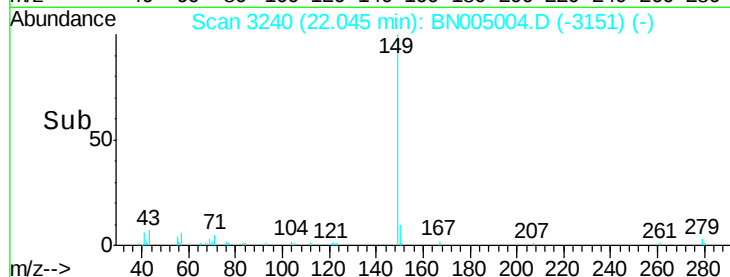
43 6.8 5.8 8.6



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: 40.522 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.02 min

Lab File: BN005004.D

Acq: 27 Mar 2019 21:02

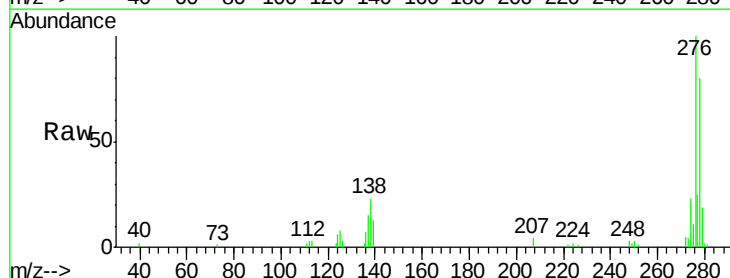
Tgt Ion:276 Resp: 82941

Ion Ratio Lower Upper

276 100

138 23.0 18.5 27.7

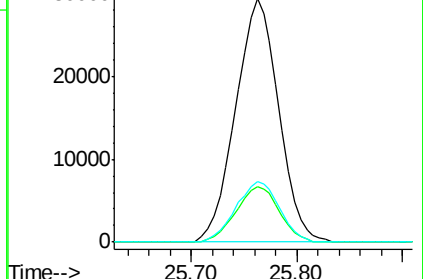
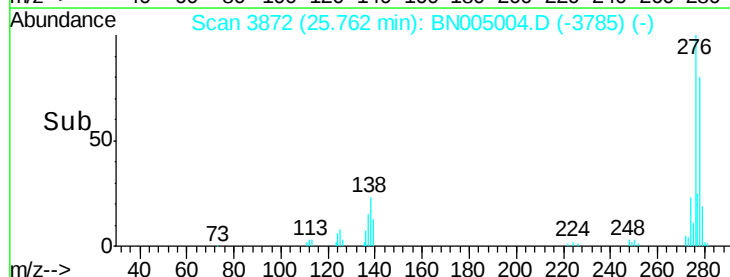
277 25.2 20.4 30.6

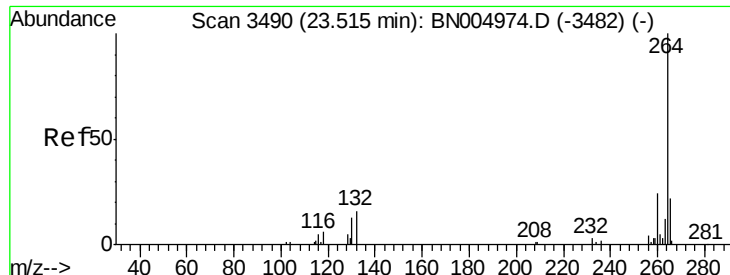


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

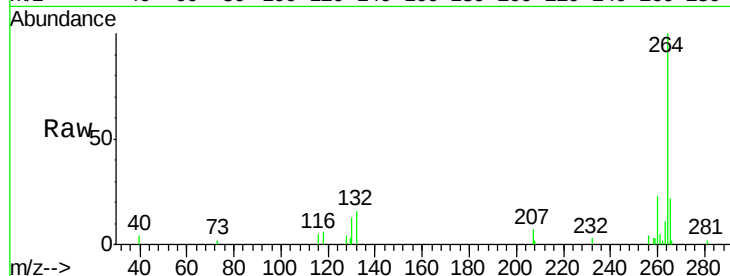




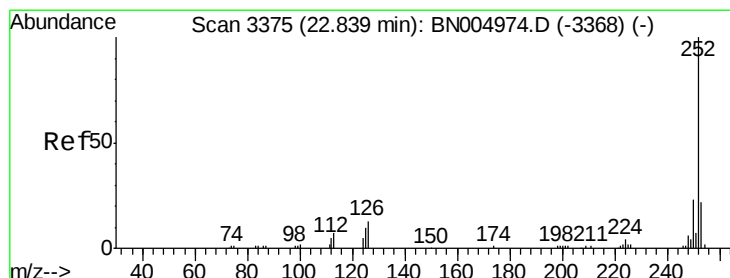
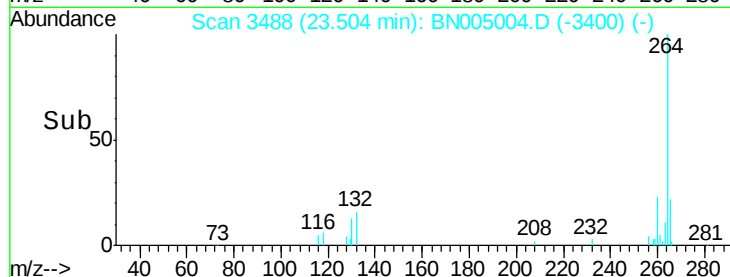
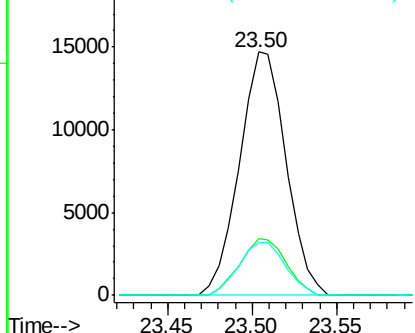
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:264 Resp: 28216
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.6 17.2 25.8

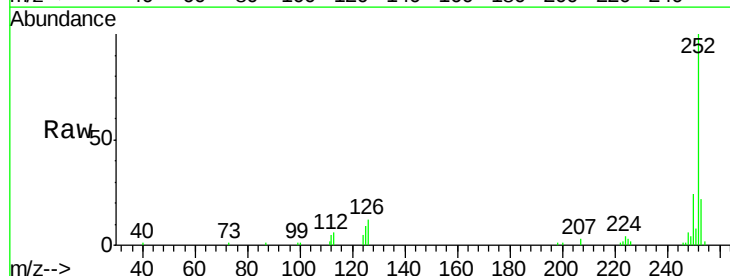


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

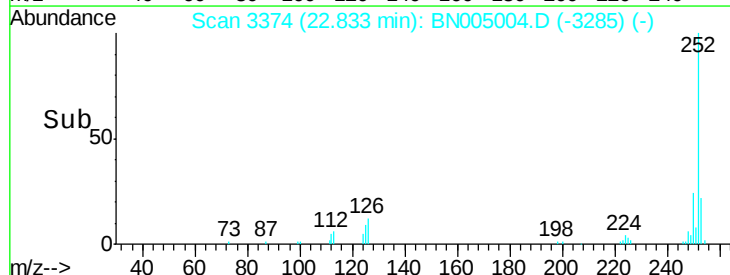
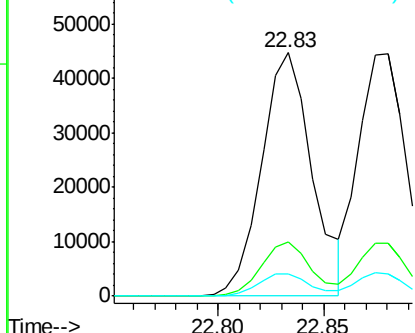


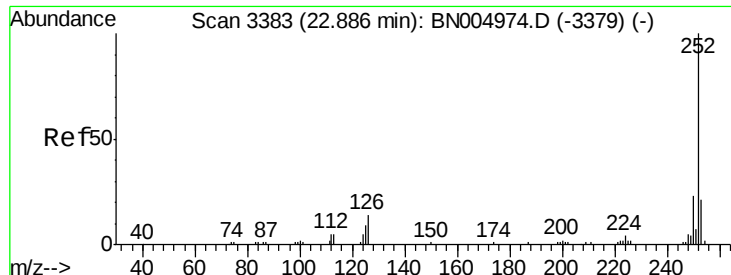
#88
Benzo(b)fluoranthene
Concen: 42.904 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:252 Resp: 74514
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.3 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

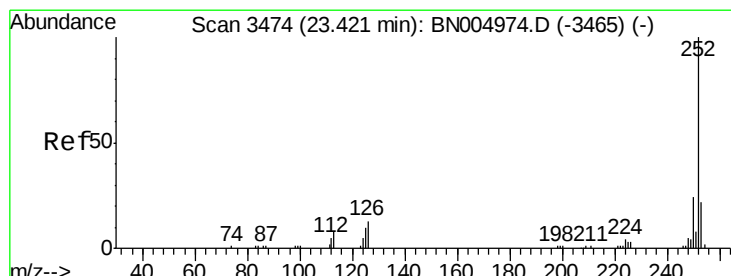
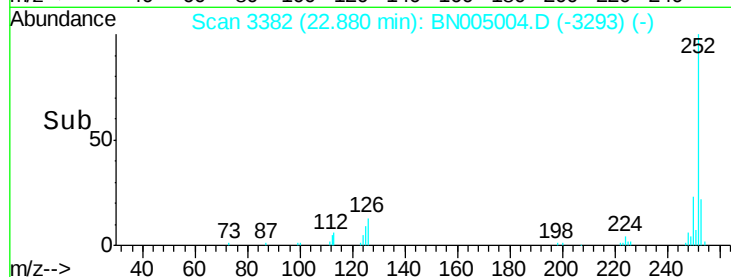
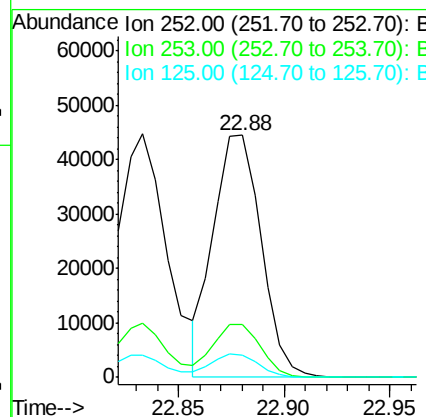
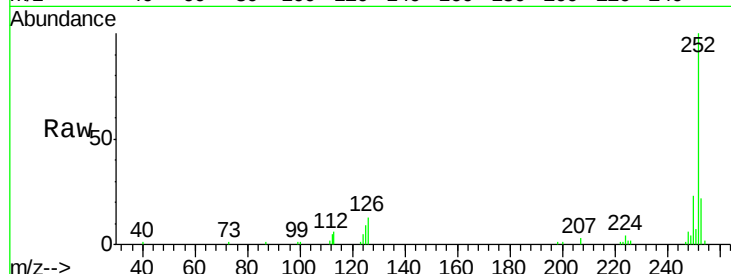




#89
Benzo(k)fluoranthene
Concen: 43.893 ng
RT: 22.88 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

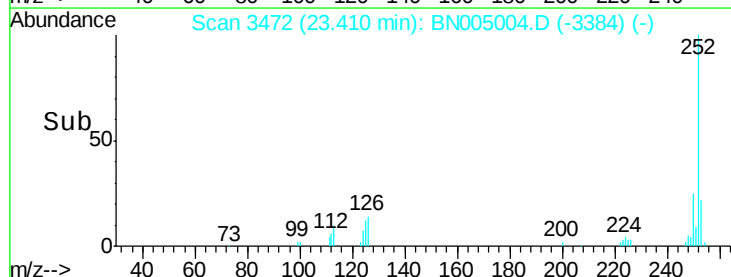
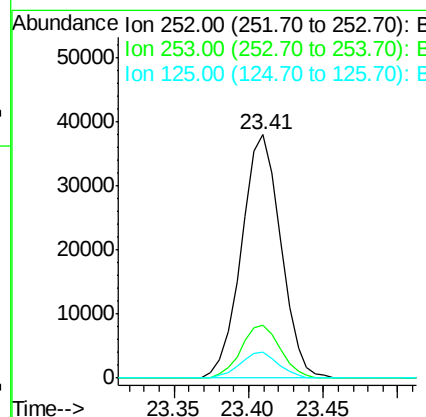
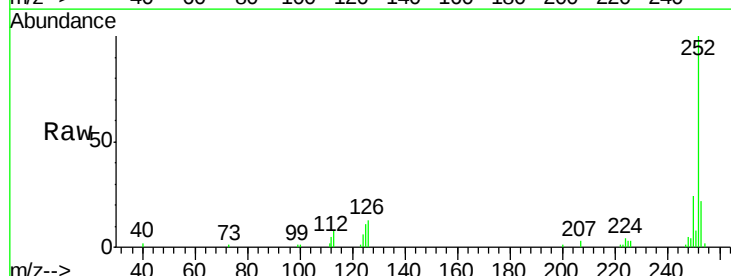
Instrument :
BNA_N
ClientSampleId :
PB118322BSD

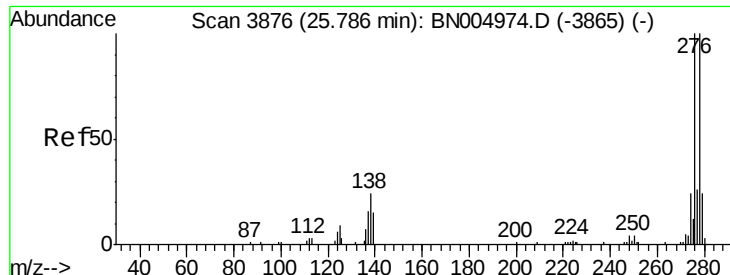
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.3	7.6	11.4



#90
Benzo(a)pyrene
Concen: 43.613 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.5	8.2	12.4

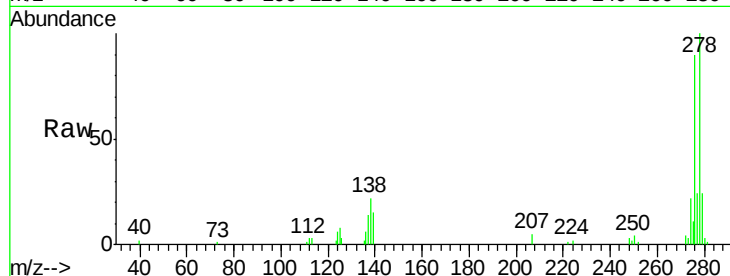




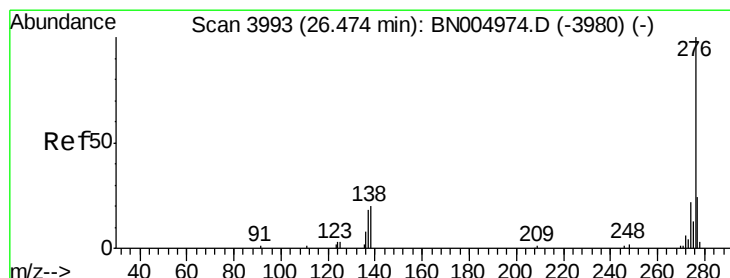
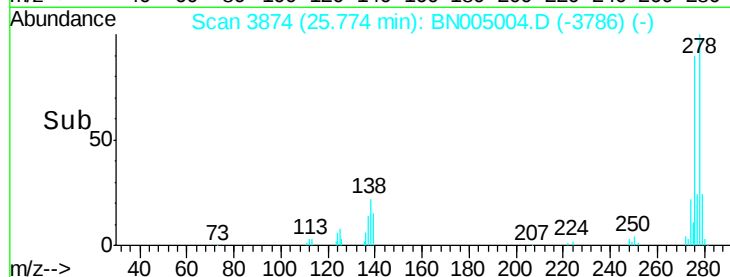
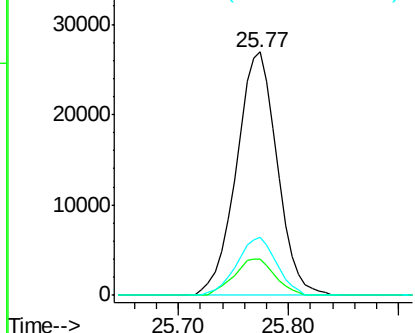
#91
Dibenzo(a,h)anthracene
Concen: 43.733 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Instrument :
BNA_N
ClientSampleId :
PB118322BSD

Tot Ion:278 Resp: 69779
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.8
279 24.0 19.3 28.9

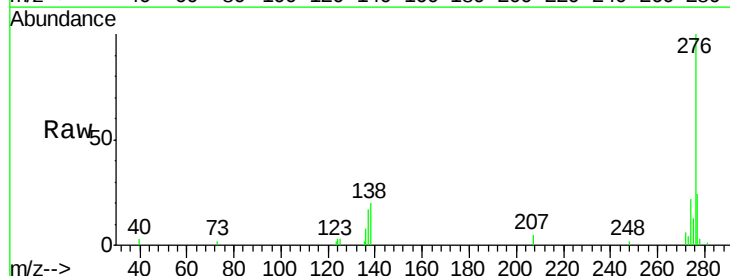


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.477 ng
RT: 26.46 min Scan# 3990
Delta R.T. -0.02 min
Lab File: BN005004.D
Acq: 27 Mar 2019 21:02

Tgt Ion:276 Resp: 68605
Ion Ratio Lower Upper
276 100
277 23.9 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

