

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005013.D
 Acq On : 28 Mar 2019 02:24
 Operator : JU/SJ
 Sample : IDOC-S-04
 Misc : For Extraction
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

Quant Time: Mar 28 04:56:46 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	9662	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38388	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	20375	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	38938	20.00	ng	0.00
76) Chrysene-d12	21.26	240	30611	20.00	ng	-0.01
87) Perylene-d12	23.50	264	28291	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	72692	130.07	ng	0.00
7) Phenol-d6	6.86	99	91220	123.07	ng	0.00
23) Nitrobenzene-d5	8.84	82	47659	75.10	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	39096	118.97	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	121225	78.84	ng	0.00
79) Terphenyl-d14	19.70	244	134318	84.48	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	10676	52.422	ng	# 93
3) Pyridine	3.60	79	19986	35.117	ng	99
4) n-Nitrosodimethylamine	3.52	42	6966	37.545	ng	94
6) Aniline	7.02	93	29462	31.213	ng	100
8) 2-Chlorophenol	7.25	128	27304	38.487	ng	99
9) Benzaldehyde	6.83	77	8938	20.984	ng	99
10) Phenol	6.88	94	30579	38.500	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	22401	36.471	ng	99
12) 1,3-Dichlorobenzene	7.56	146	28879	37.362	ng	99
13) 1,4-Dichlorobenzene	7.71	146	29391	37.566	ng	98
14) 1,2-Dichlorobenzene	8.02	146	27995	37.389	ng	98
15) Benzyl Alcohol	7.92	79	20249	35.907	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26775	36.132	ng	99
17) 2-Methylphenol	8.12	107	21246	38.370	ng	98
18) Hexachloroethane	8.74	117	10014	36.111	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	16861	34.699	ng	99
20) 3+4-Methylphenols	8.45	107	28313	37.660	ng	98
22) Acetophenone	8.50	105	36256	41.374	ng	# 100
24) Nitrobenzene	8.88	77	25384	39.524	ng	100
25) Isophorone	9.39	82	46179	37.353	ng	100
26) 2-Nitrophenol	9.59	139	14121	37.867	ng	99
27) 2,4-Dimethylphenol	9.64	122	23981	46.190	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	29716	38.795	ng	100
29) 2,4-Dichlorophenol	10.12	162	24794	41.551	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	26976	41.040	ng	99
31) Naphthalene	10.51	128	80116	40.001	ng	100
32) Benzoic acid	9.80	122	12173	31.310	ng	98
33) 4-Chloroaniline	10.63	127	13796	16.930	ng	100
34) Hexachlorobutadiene	10.77	225	16721	39.315	ng	99
35) Caprolactam	11.42	113	6299	32.239	ng	100
36) 4-Chloro-3-methylphenol	11.76	107	23926	37.117	ng	99
37) 2-Methylnaphthalene	12.13	142	56608	40.025	ng	99
38) 1-Methylnaphthalene	12.35	142	53591	38.724	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	30091	41.638	ng	99

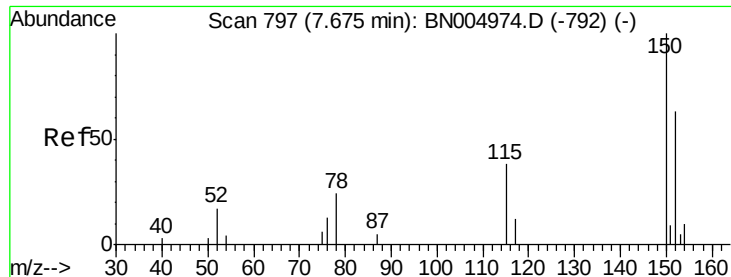
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005013.D
 Acq On : 28 Mar 2019 02:24
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 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	42023	101.481	nq	100
43) 2,4,6-Trichlorophenol	12.75	196	18963	42.288	nq	99
44) 2,4,5-Trichlorophenol	12.82	196	19654	40.232	nq	99
46) 1,1'-Biphenyl	13.15	154	71380	41.393	nq	100
47) 2-Chloronaphthalene	13.19	162	54779	41.395	nq	99
48) 2-Nitroaniline	13.42	65	13061	37.077	nq	98
49) Acenaphthylene	14.05	152	86330	38.787	nq	100
50) Dimethylphthalate	13.79	163	64089	38.286	nq	99
51) 2,6-Dinitrotoluene	13.92	165	14230	37.358	nq	96
52) Acenaphthene	14.39	154	49579	39.598	nq	99
53) 3-Nitroaniline	14.25	138	7029	18.055	nq	100
54) 2,4-Dinitrophenol	14.46	184	14727	66.192	nq	99
55) Dibenzofuran	14.72	168	78279	39.290	nq	100
56) 4-Nitrophenol	14.56	139	20089	65.502	nq	98
57) 2,4-Dinitrotoluene	14.70	165	18725	36.173	nq	99
58) Fluorene	15.37	166	61711	38.343	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17487	38.607	nq	# 100
60) Diethylphthalate	15.15	149	62181	37.225	nq	100
61) 4-Chlorophenyl-phenylether	15.37	204	32657	39.333	nq	98
62) 4-Nitroaniline	15.42	138	11832	30.249	nq	98
63) Azobenzene	15.66	77	52231	37.563	nq	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	9471	36.960	nq	100
66) n-Nitrosodiphenylamine	15.59	169	53047	43.250	nq	100
67) 4-Bromophenyl-phenylether	16.26	248	20401	41.985	nq	99
68) Hexachlorobenzene	16.37	284	23812	41.828	nq	99
69) Atrazine	16.54	200	17046	38.900	nq	99
70) Pentachlorophenol	16.72	266	22516	75.226	nq	99
71) Phenanthrene	17.12	178	87605	40.041	nq	99
72) Anthracene	17.20	178	89431	41.066	nq	100
73) Carbazole	17.48	167	73675	37.168	nq	99
74) Di-n-butylphthalate	18.03	149	89342	36.999	nq	100
75) Fluoranthene	19.13	202	88350	35.397	nq	100
77) Benzidine	19.33	184	34673	36.346	nq	100
78) Pyrene	19.50	202	88258	43.180	nq	99
80) Butylbenzylphthalate	20.40	149	32164	38.727	nq	98
81) Benzo(a)anthracene	21.25	228	73483	38.538	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	17554	24.619	nq	99
83) Chrysene	21.30	228	70438	38.675	nq	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	43894	38.198	nq	99
85) Di-n-octyl phthalate	22.04	149	70040	37.768	nq	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	81875	39.570	nq	100
88) Benzo(b)fluoranthene	22.83	252	70198	40.311	nq	99
89) Benzo(k)fluoranthene	22.87	252	68002	42.584	nq	99
90) Benzo(a)pyrene	23.40	252	66929	42.000	nq	99
91) Dibenzo(a,h)anthracene	25.77	278	69273	43.301	nq	100
92) Benzo(g,h,i)perylene	26.45	276	69354	43.835	nq	100

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

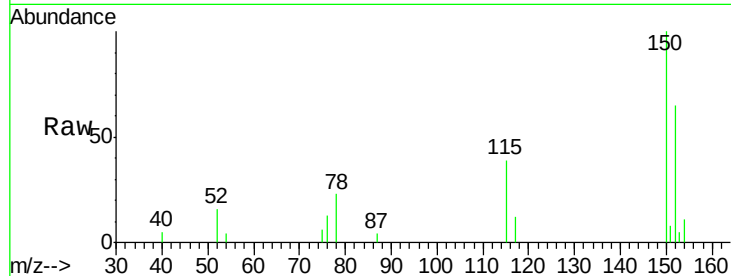


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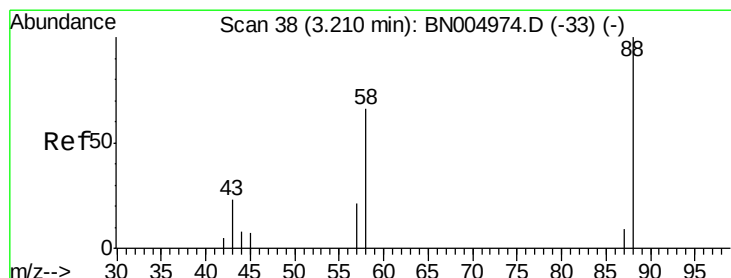
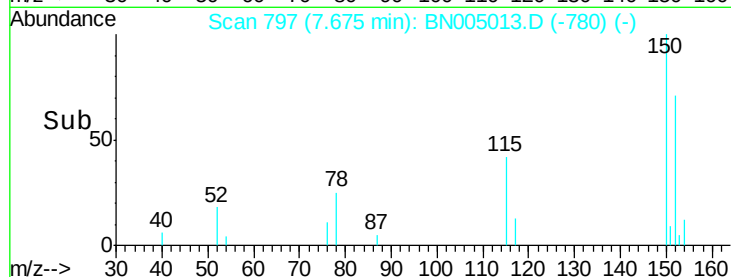
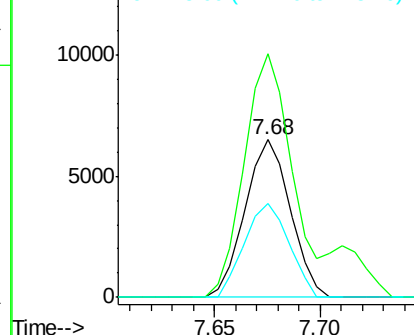
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

Tot Ion:152 Resp: 9662
Ion Ratio Lower Upper
152 100
150 154.3 126.9 190.3
115 59.5 47.8 71.6



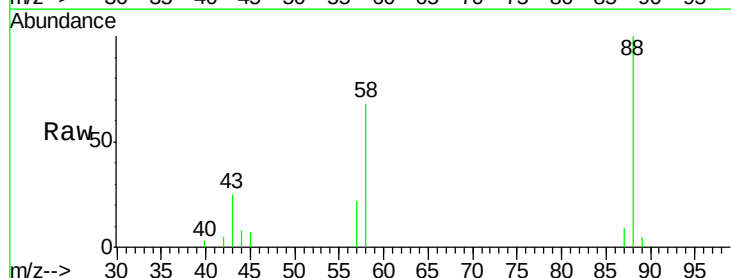
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



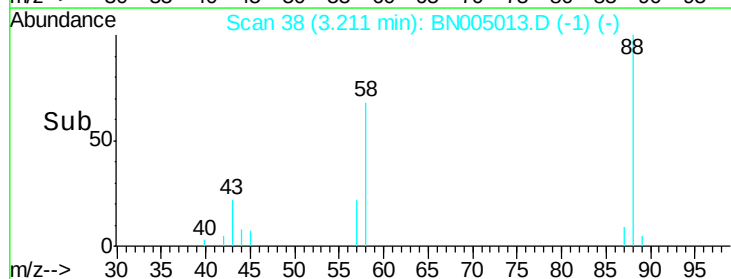
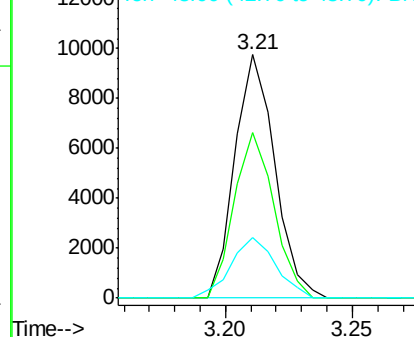
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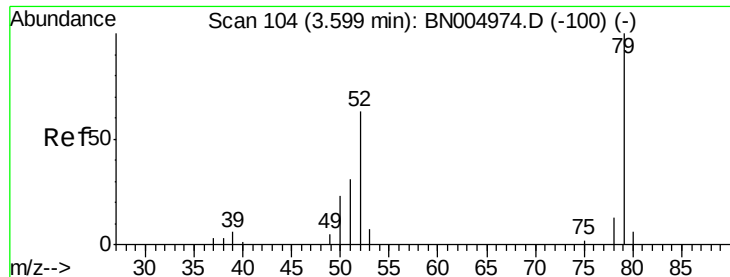
1,4-Dioxane
Concen: 52.422 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion: 88 Resp: 10676
Ion Ratio Lower Upper
88 100
58 67.6 51.0 76.6
43 28.2 16.7 25.1#



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

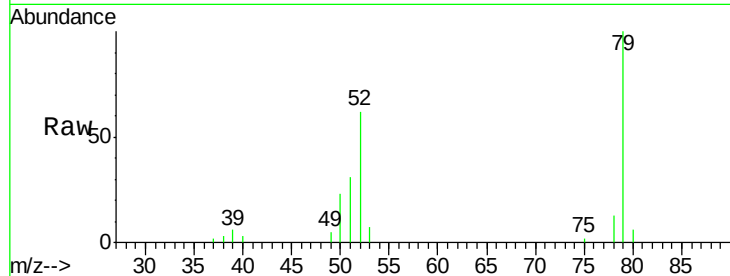




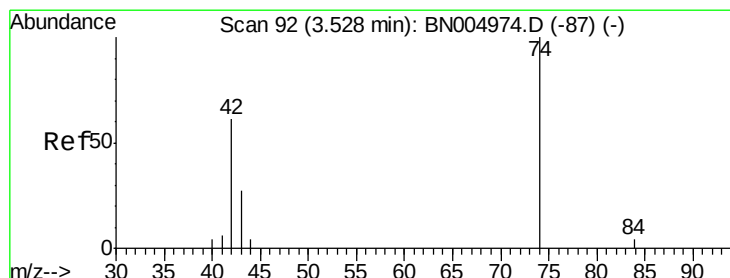
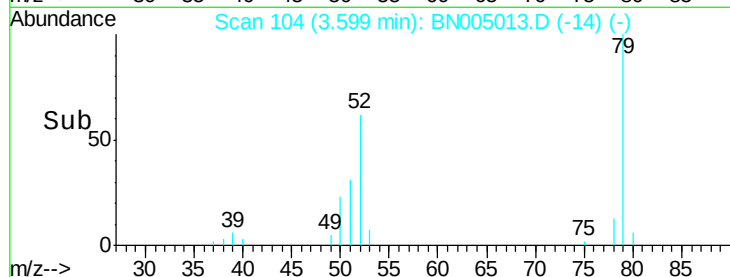
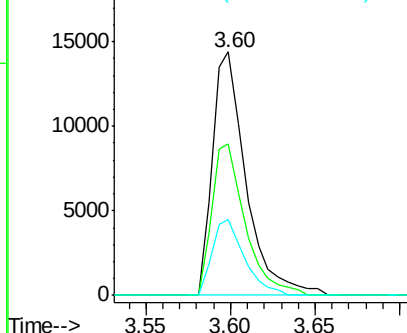
#3
 Pvridine
 Concen: 35.117 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

Tot Ion: 79 Resp: 19986
 Ion Ratio Lower Upper
 79 100
 52 62.2 50.2 75.4
 51 31.0 25.0 37.4

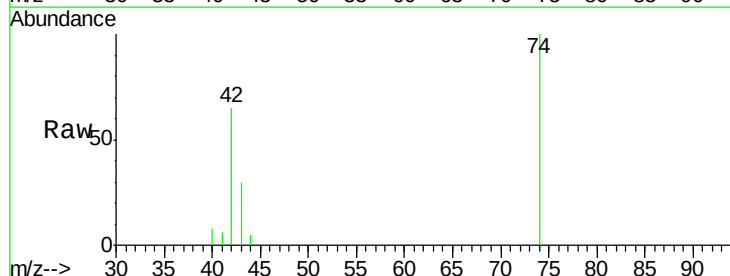


Abundance Ion 79.00 (78.70 to 79.70): BN0
 Ion 52.00 (51.70 to 52.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

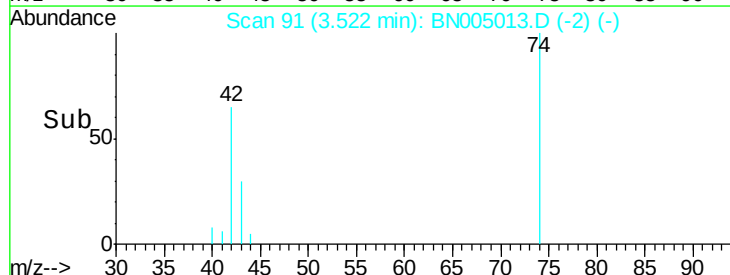
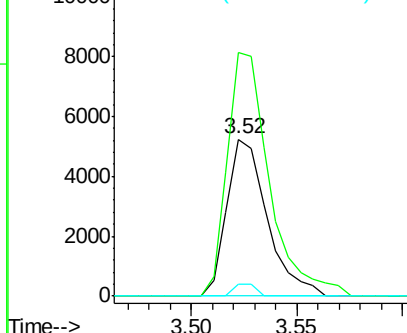


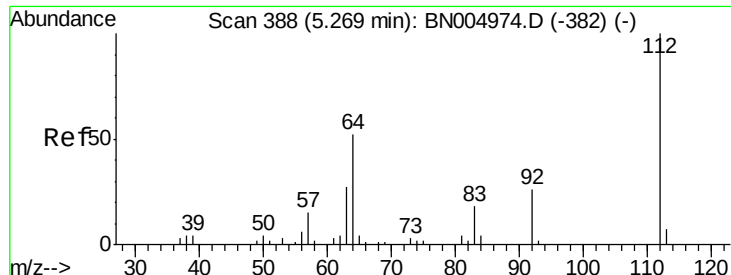
#4
 n-Nitrosodimethylamine
 Concen: 37.545 ng
 RT: 3.52 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion: 42 Resp: 6966
 Ion Ratio Lower Upper
 42 100
 74 155.0 130.8 196.2
 44 7.3 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: 130.074 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampled :

IDOC-S-04

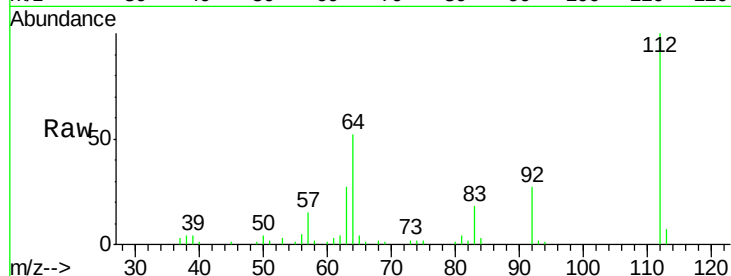
Tot Ion:112 Resp: 72692

Ion Ratio Lower Upper

112 100

64 52.4 41.9 62.9

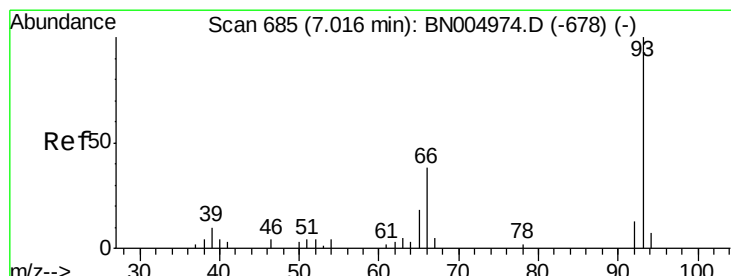
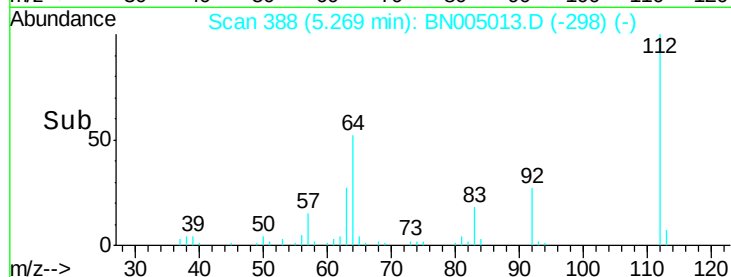
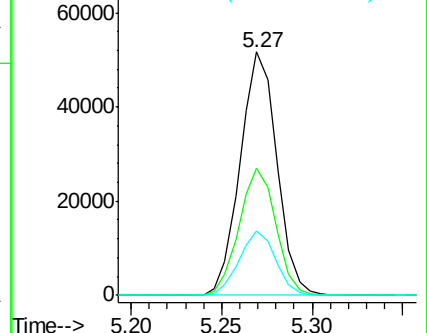
63 26.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 31.213 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

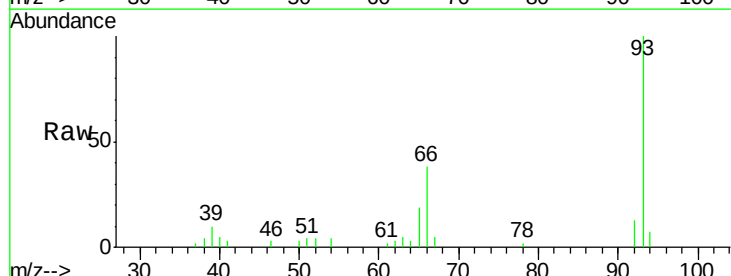
Tgt Ion: 93 Resp: 29462

Ion Ratio Lower Upper

93 100

66 37.7 30.2 45.4

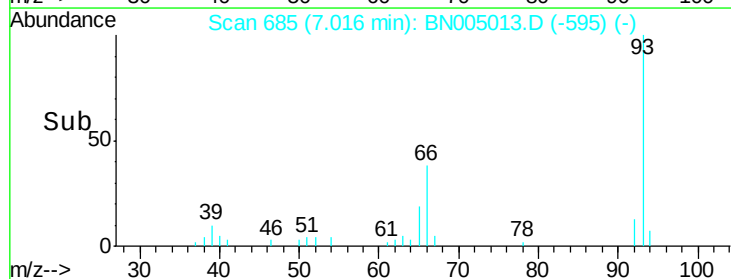
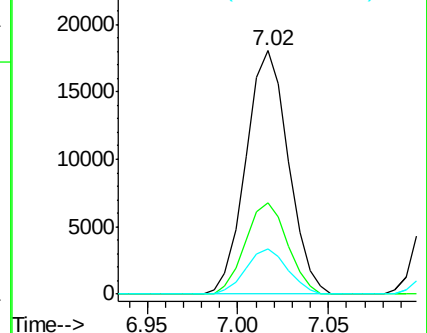
65 18.8 14.7 22.1

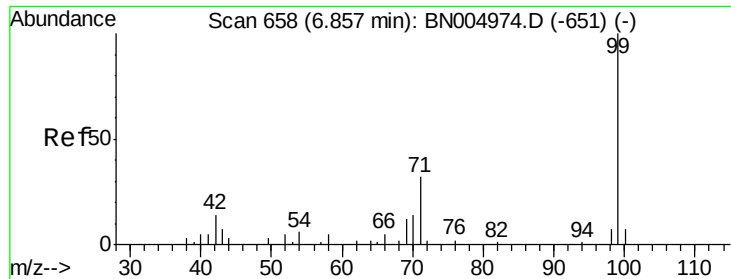


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 123.066 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

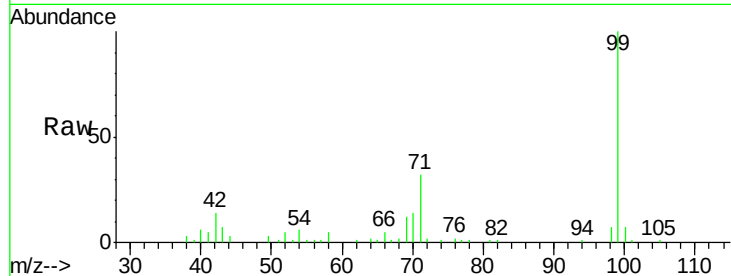
Tot Ion: 99 Resp: 91220

Ion Ratio Lower Upper

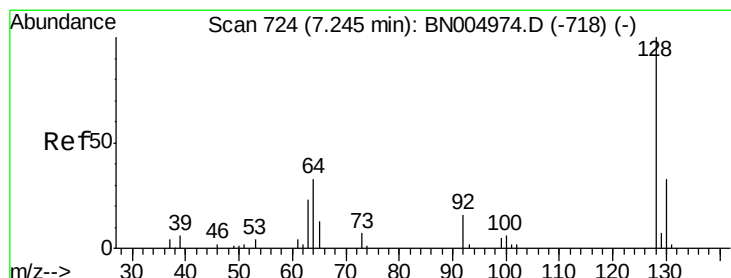
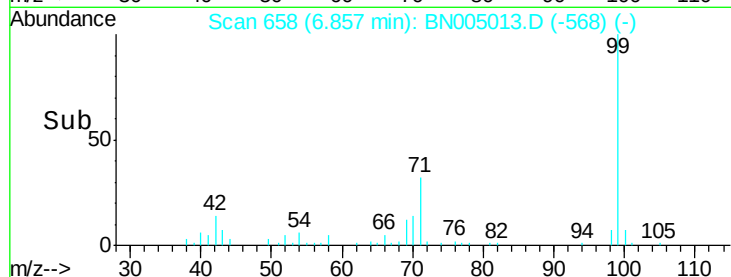
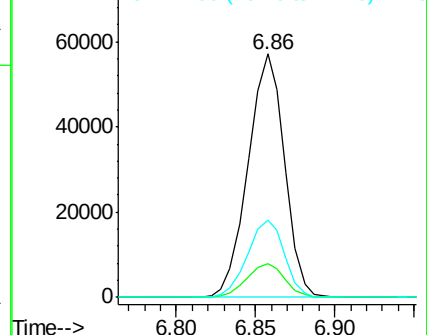
99 100

42 13.8 11.4 17.0

71 31.9 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 38.487 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

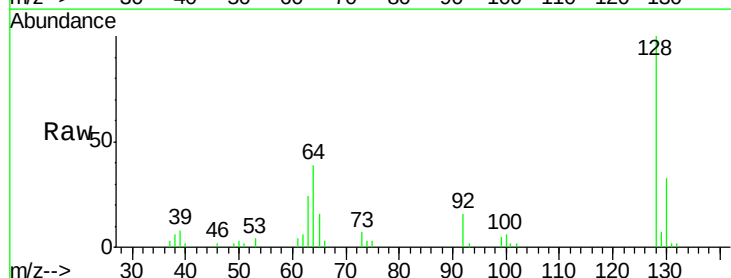
Tgt Ion: 128 Resp: 27304

Ion Ratio Lower Upper

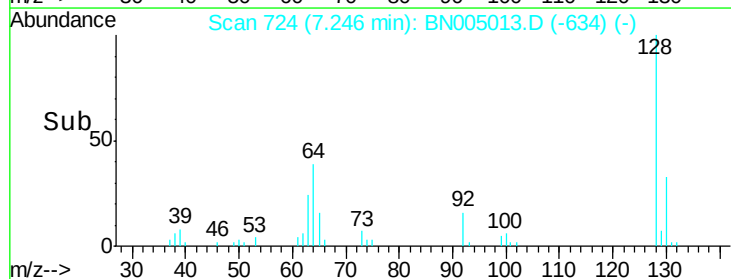
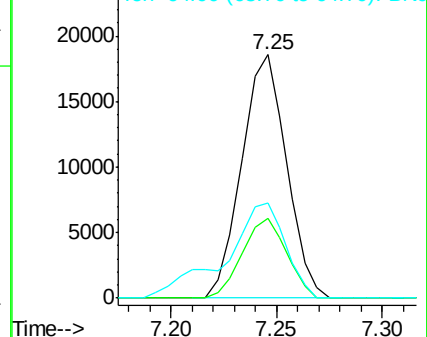
128 100

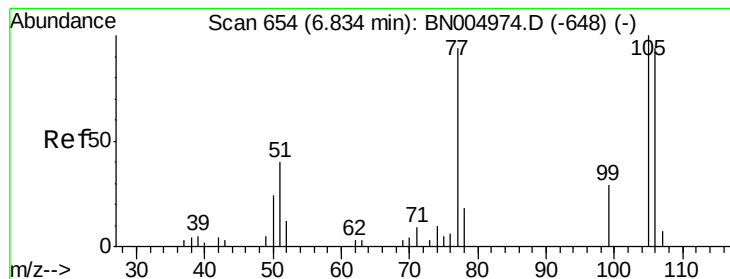
130 32.5 12.9 52.9

64 39.2 19.9 59.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BNC





#9

Benzaldehyde

Concen: 20.984 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

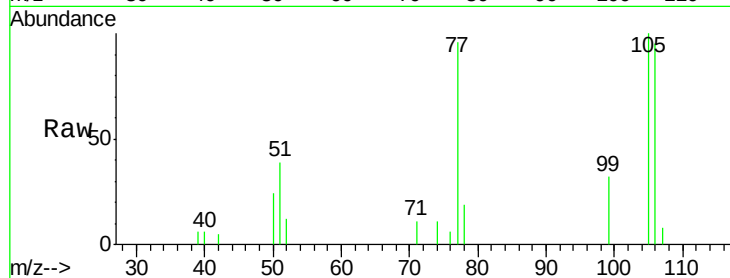
Tot Ion: 77 Resp: 8938

Ion Ratio Lower Upper

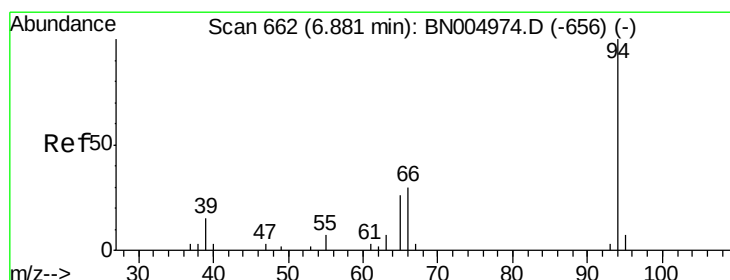
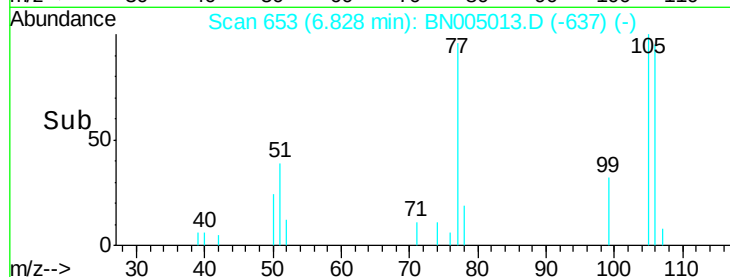
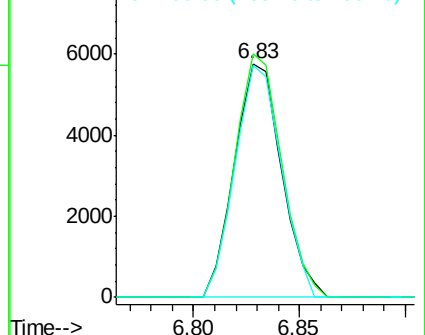
77 100

105 104.1 86.1 126.1

106 99.0 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: 38.500 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

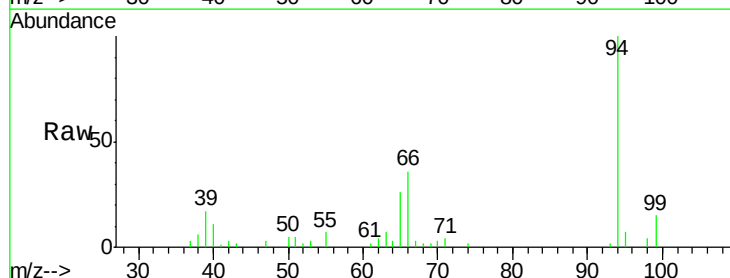
Tgt Ion: 94 Resp: 30579

Ion Ratio Lower Upper

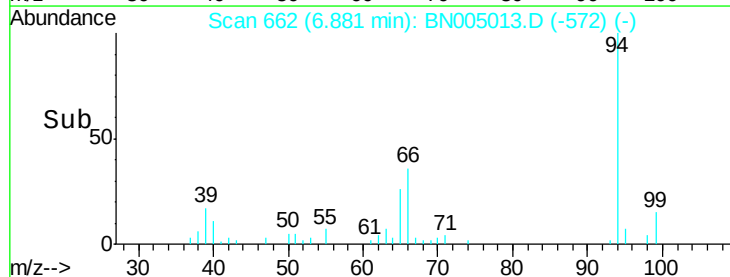
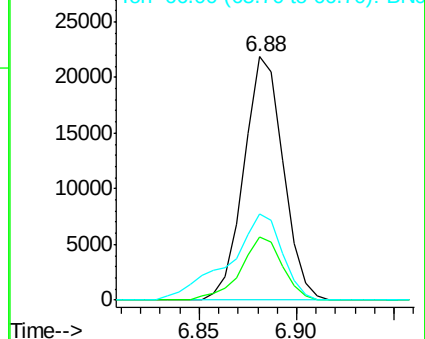
94 100

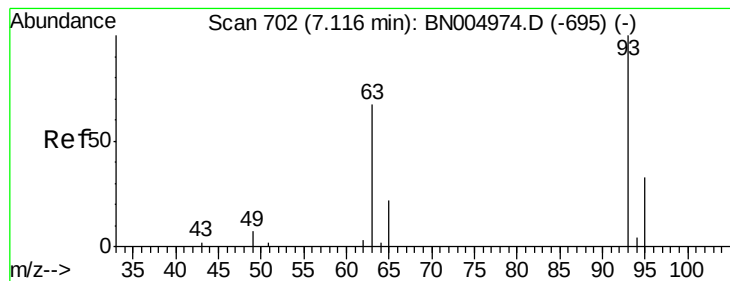
65 25.7 5.7 45.7

66 35.7 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

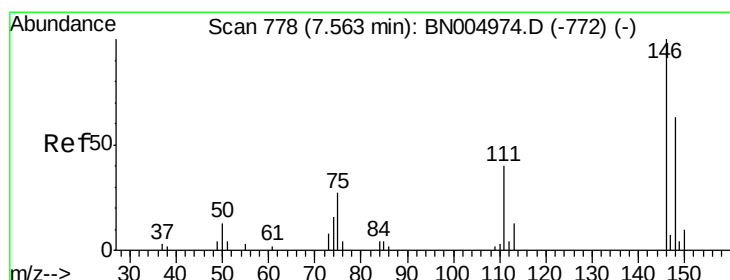
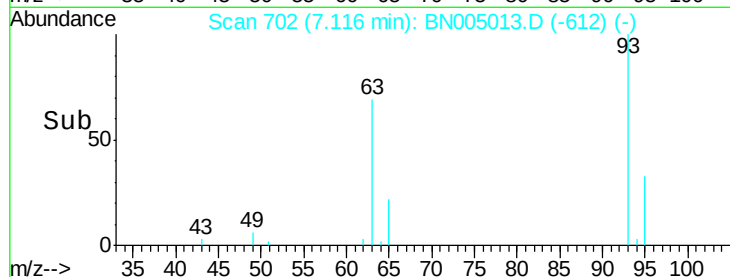
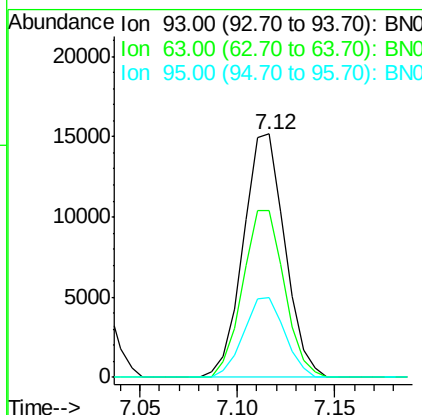
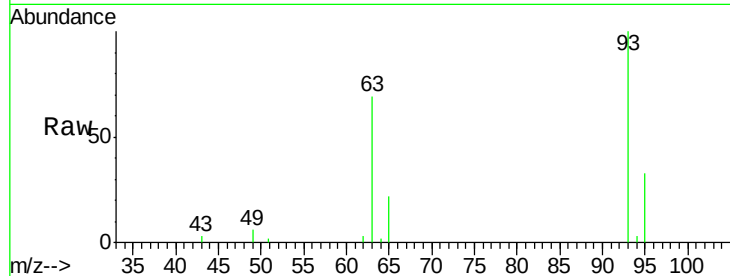




#11
bis(2-Chloroethyl)ether
Concen: 36.471 ng
RT: 7.12 min Scan# 702
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

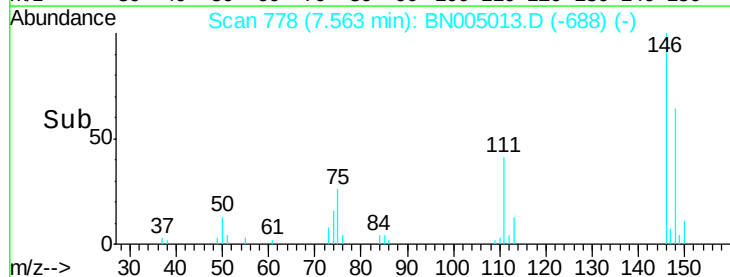
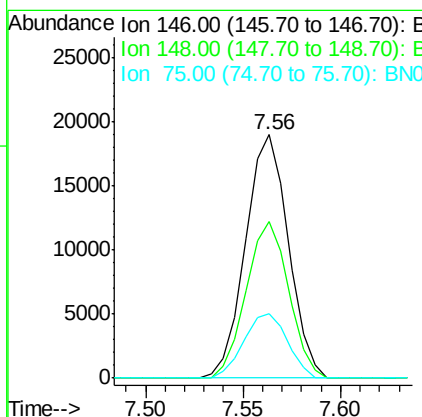
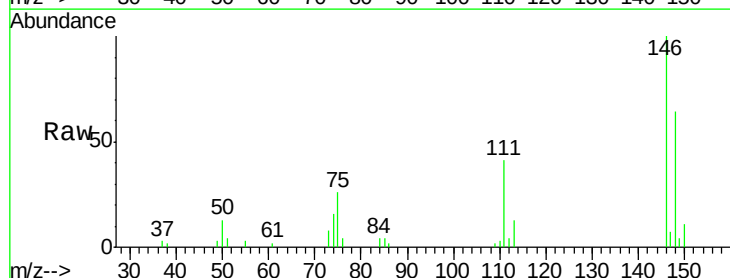
Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

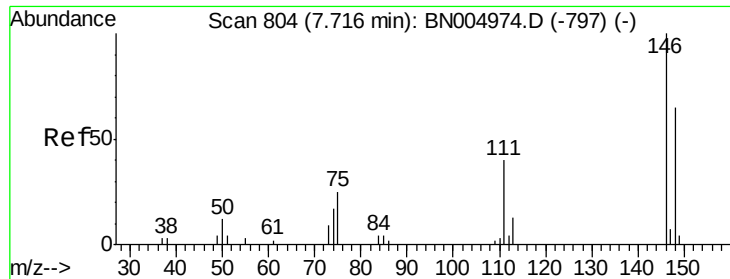
Tot Ion: 93 Resp: 22401
Ion Ratio Lower Upper
93 100
63 68.5 47.0 87.0
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.362 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion: 146 Resp: 28879
Ion Ratio Lower Upper
146 100
148 64.5 52.0 78.0
75 26.5 22.0 33.0

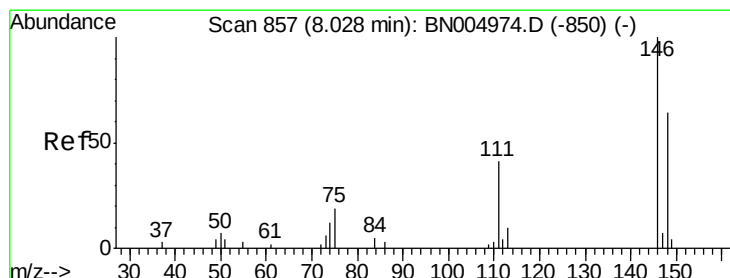
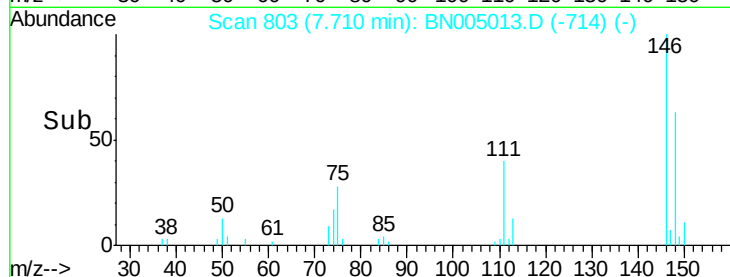
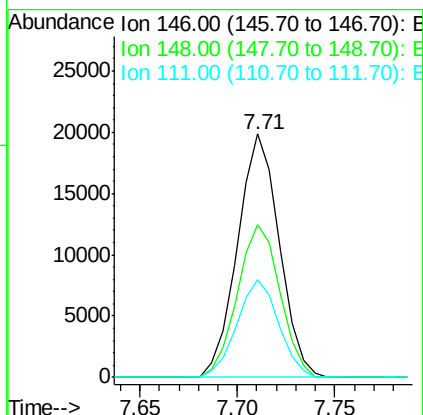
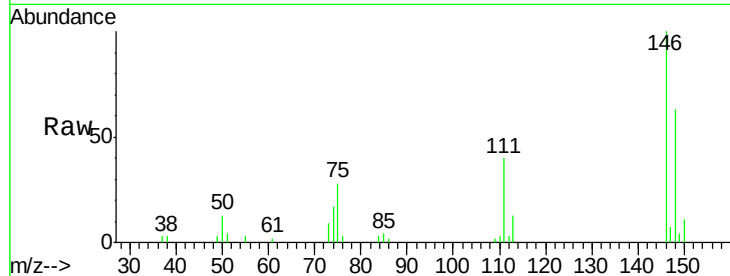




#13
 1,4-Dichlorobenzene
 Concen: 37.566 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

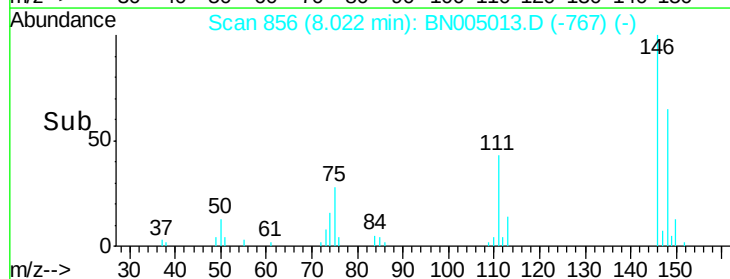
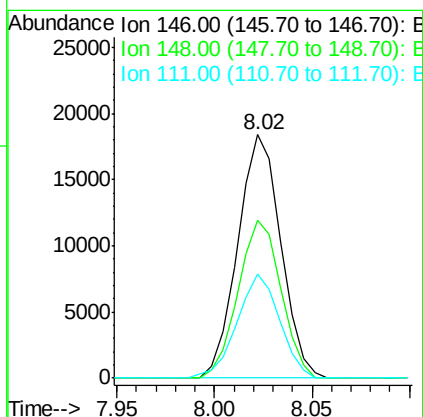
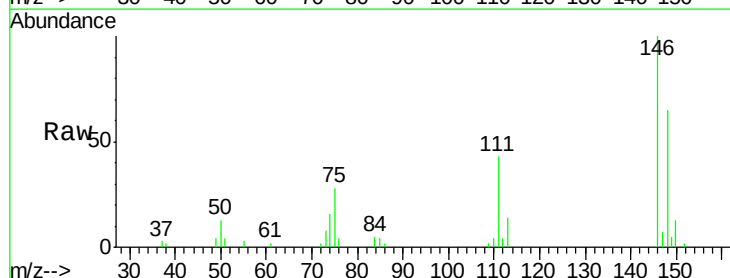
Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

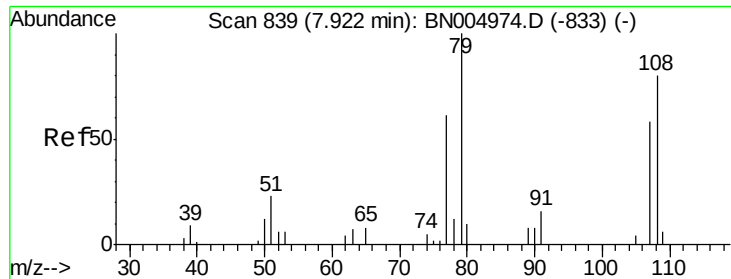
Tot Ion:146 Resp: 29391
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.4 77.2
 111 40.3 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 37.389 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:146 Resp: 27995
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.2
 111 42.6 32.6 49.0





#15

Benzyl Alcohol

Concen: 35.907 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

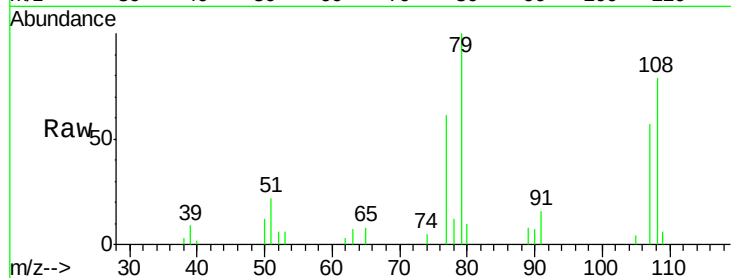
Tot Ion: 79 Resp: 20249

Ion Ratio Lower Upper

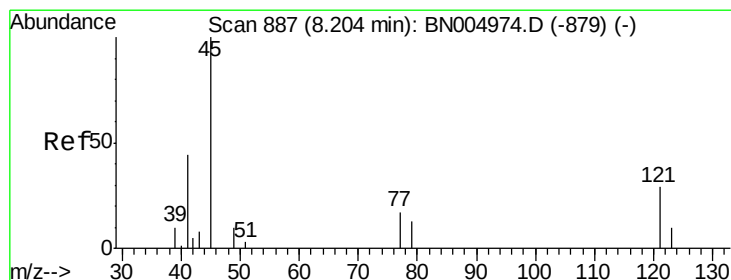
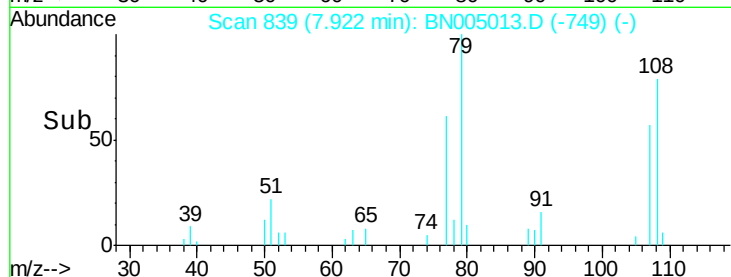
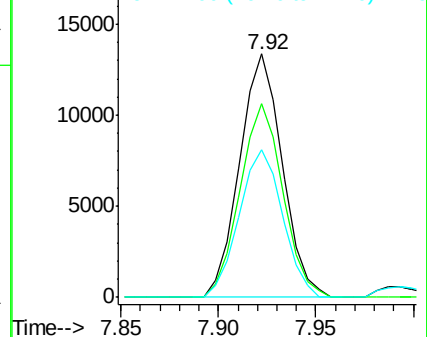
79 100

108 79.5 64.0 96.0

77 60.9 48.8 73.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.132 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

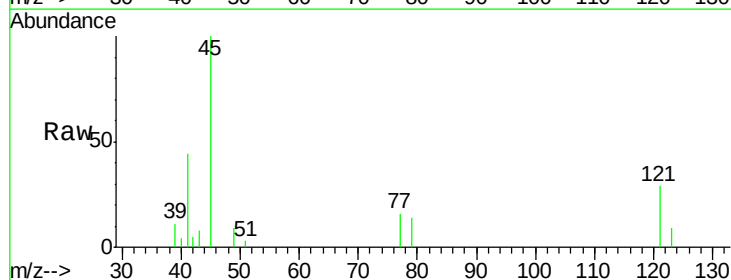
Tgt Ion: 45 Resp: 26775

Ion Ratio Lower Upper

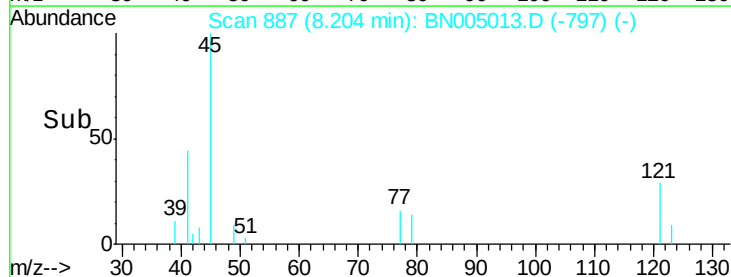
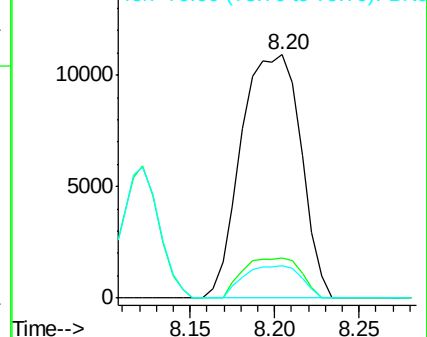
45 100

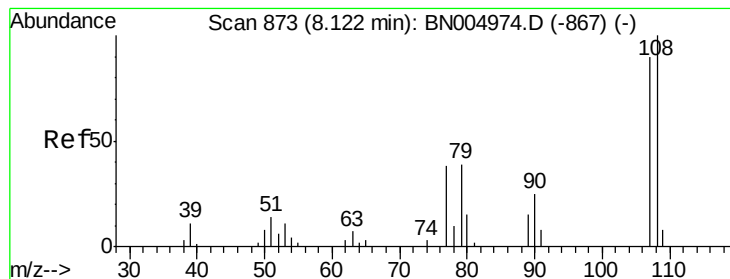
77 16.5 0.0 36.9

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

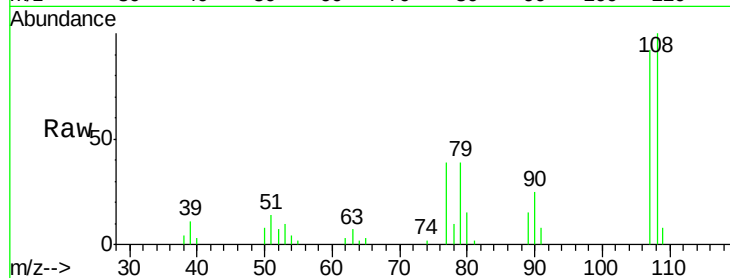




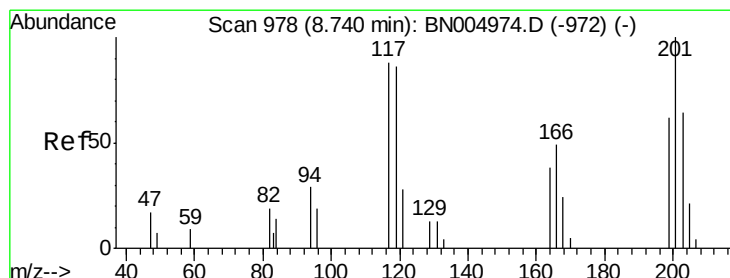
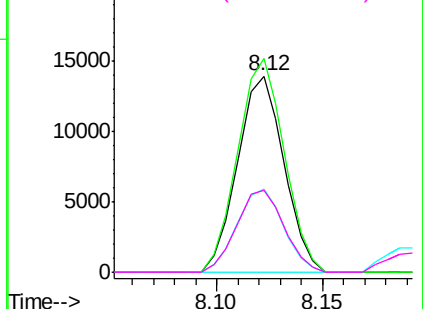
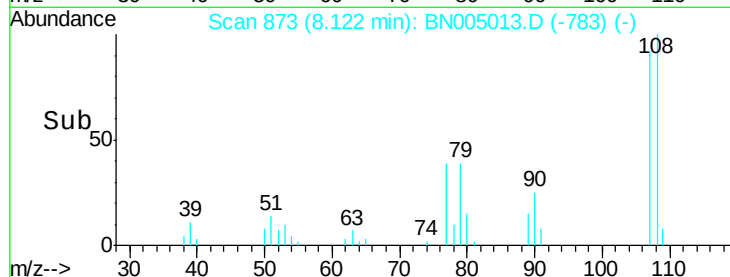
#17
2-Methylphenol
Concen: 38.370 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

Tot Ion:107 Resp: 21246
Ion Ratio Lower Upper
107 100
108 108.8 88.8 133.2
77 42.5 34.2 51.2
79 42.0 34.8 52.2

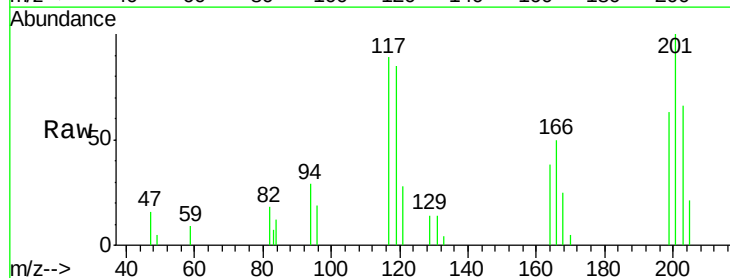


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

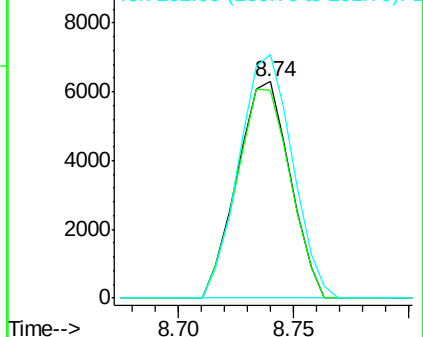
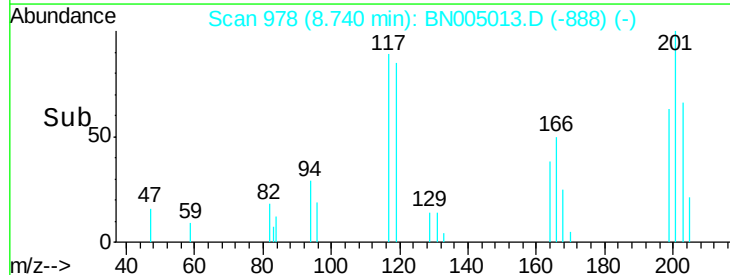


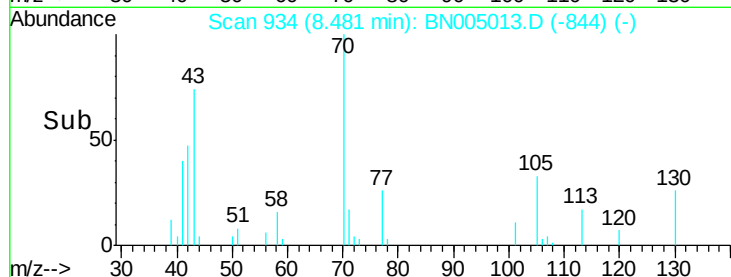
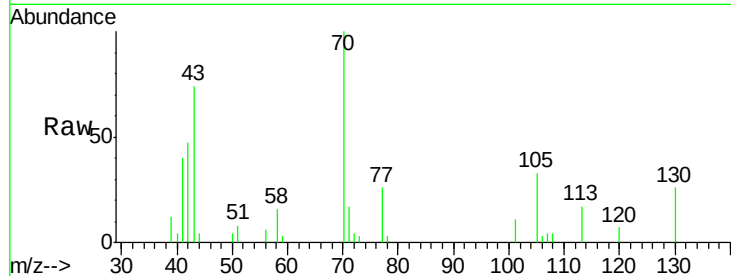
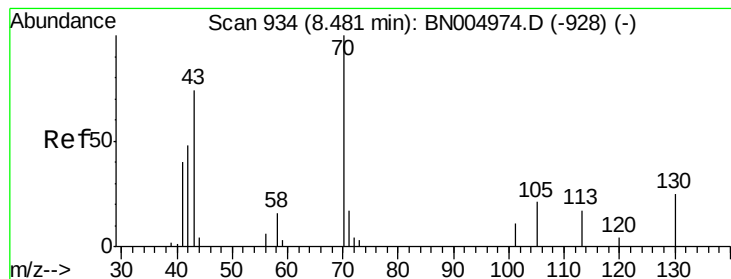
#18
Hexachloroethane
Concen: 36.111 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:117 Resp: 10014
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3
201 112.4 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: 34.699 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

Tot Ion: 70 Resp: 16861

Ion Ratio Lower Upper

70 100

42 47.3 38.4 57.6

101 10.8 8.8 13.2

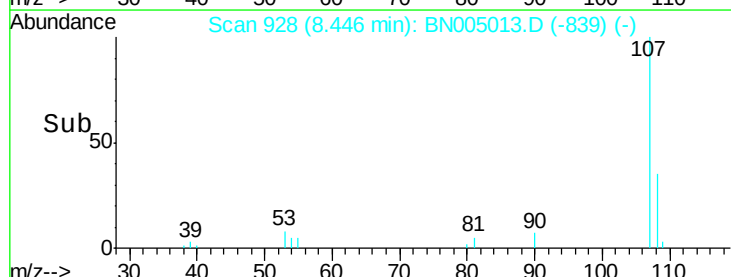
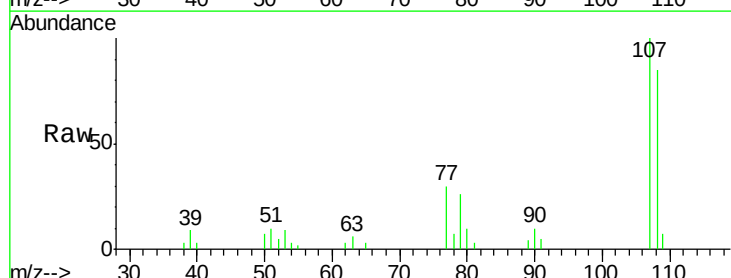
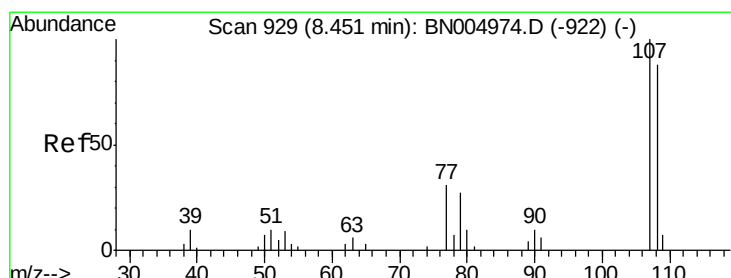
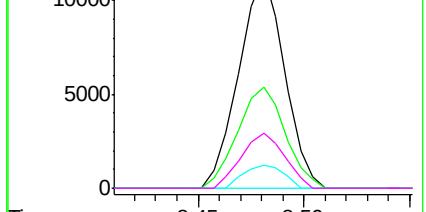
130 25.8 19.8 29.8

Abundance Ion 70.00 (69.70 to 70.70): BN005013.D (-844) (-)

Ion 42.00 (41.70 to 42.70): BN005013.D (-844) (-)

Ion 101.00 (100.70 to 101.70): BN005013.D (-844) (-)

Ion 130.00 (129.70 to 130.70): BN005013.D (-844) (-)



#20

3+4-Methylphenols

Concen: 37.660 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Tgt Ion: 107 Resp: 28313

Ion Ratio Lower Upper

107 100

108 85.5 67.9 107.9

77 30.0 10.6 50.6

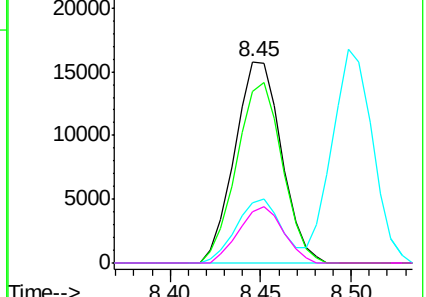
79 25.6 6.8 46.8

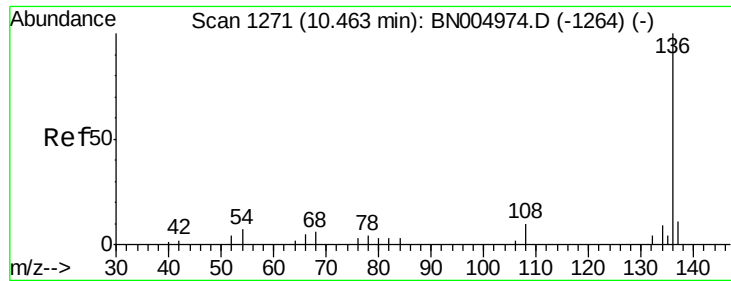
Abundance Ion 107.00 (106.70 to 107.70): BN005013.D (-839) (-)

Ion 108.00 (107.70 to 108.70): BN005013.D (-839) (-)

Ion 77.00 (76.70 to 77.70): BN005013.D (-839) (-)

Ion 79.00 (78.70 to 79.70): BN005013.D (-839) (-)

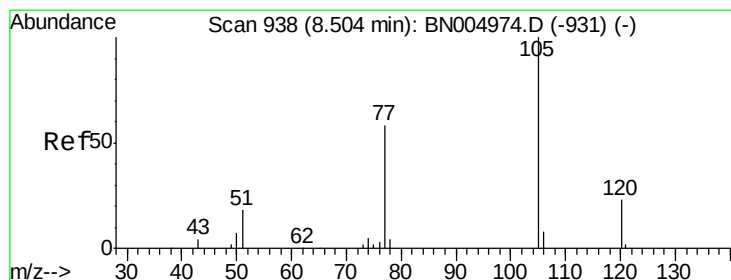
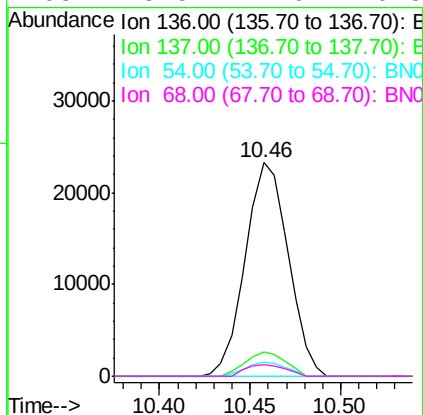
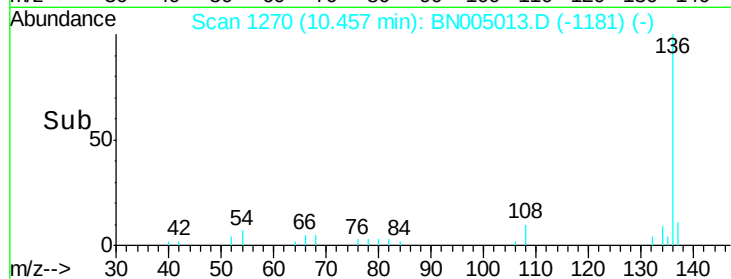
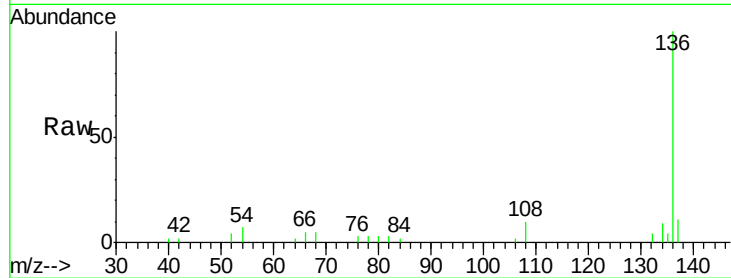




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

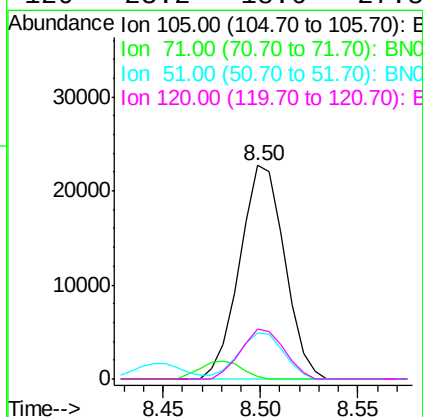
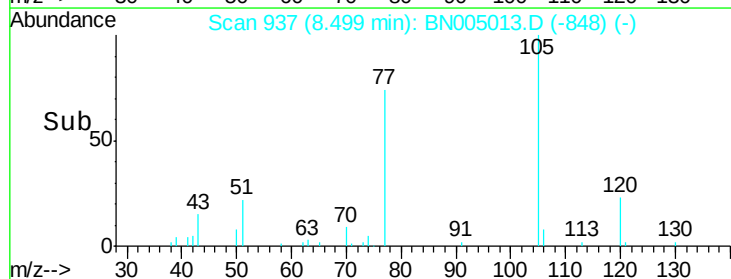
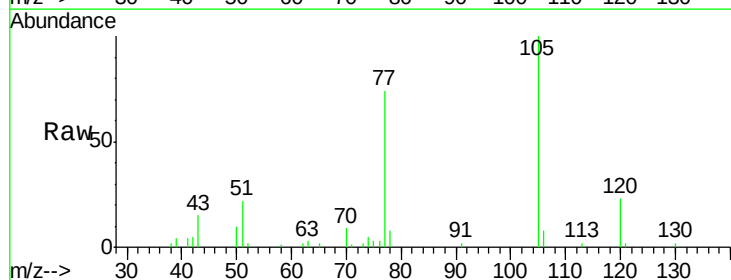
Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

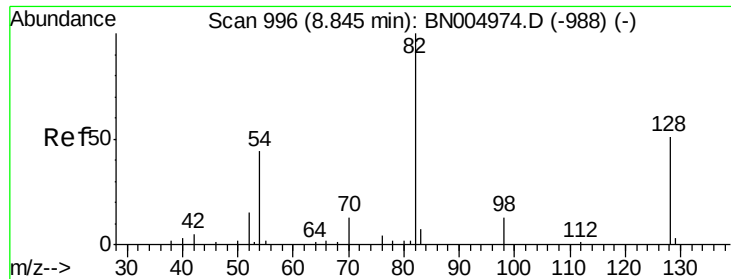
Tot Ion:136	Resp:	38388
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.6	5.3 7.9
68	5.5	4.6 6.8



#22
Acetophenone
Concen: 41.374 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:105	Resp:	36256
Ion Ratio	Lower	Upper
105	100	
71	1.5	0.0 0.0#
51	21.9	17.8 26.8
120	23.2	18.6 27.8

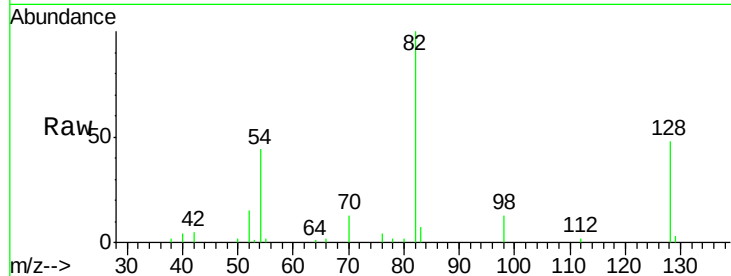




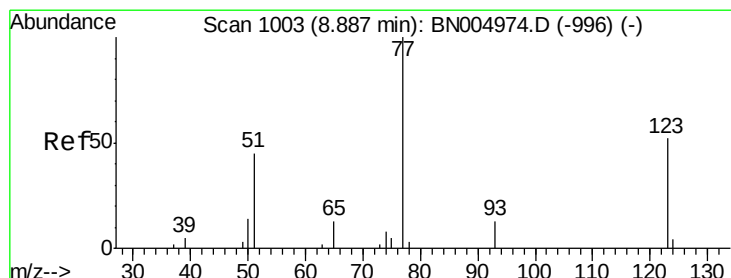
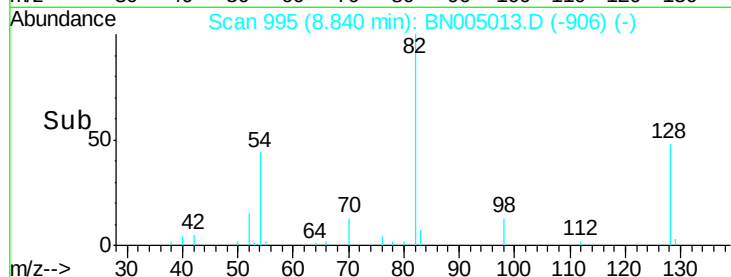
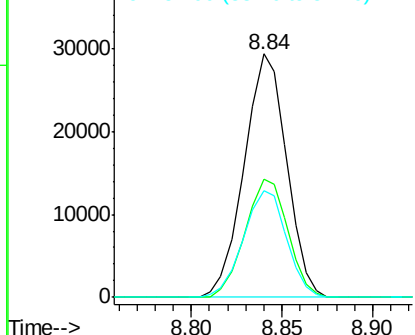
#23
Nitrobenzene-d5
Concen: 75.101 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

Tot Ion	82	Resp	47659
Ion Ratio	100	Lower	Upper
128	48.4	40.6	60.8
54	43.9	35.2	52.8

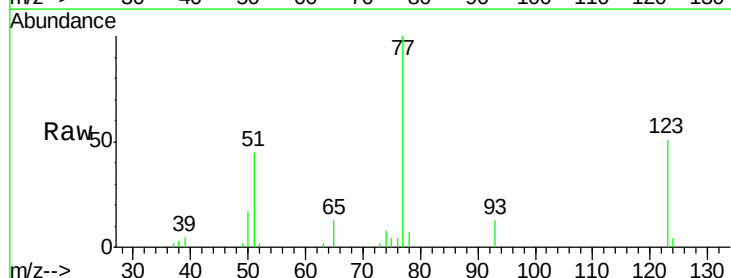


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): BN0
Ion 54.00 (53.70 to 54.70): BN0

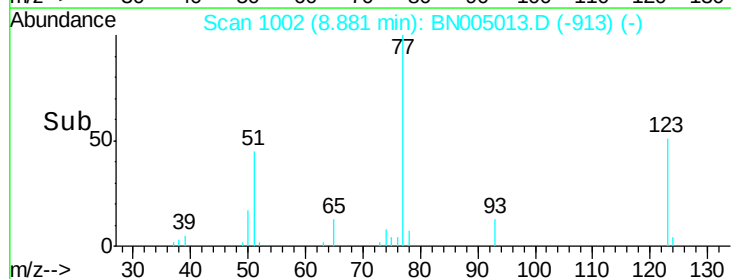
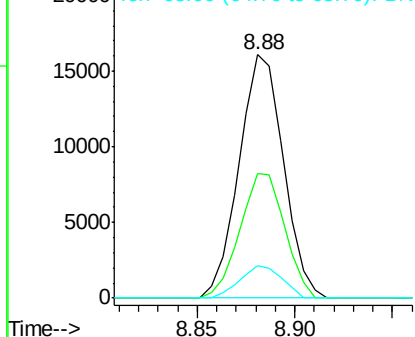


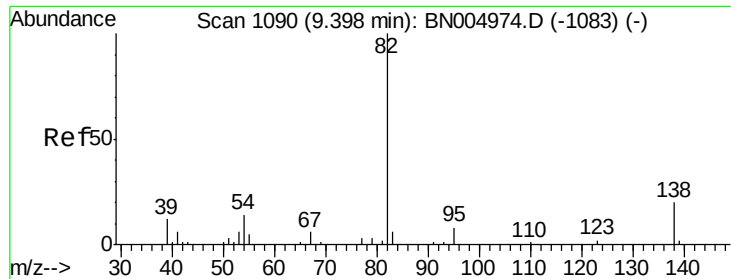
#24
Nitrobenzene
Concen: 39.524 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion	77	Resp	25384
Ion Ratio	100	Lower	Upper
123	51.2	41.3	61.9
65	13.1	10.3	15.5



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





#25

Isophorone

Concen: 37.353 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

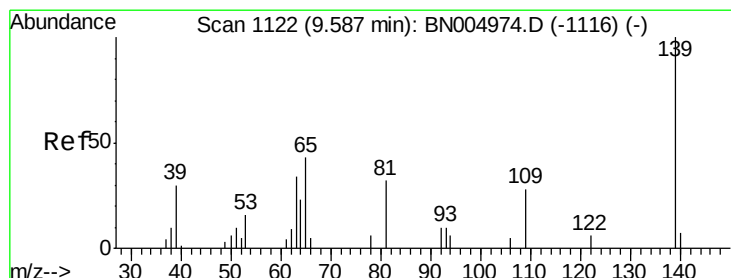
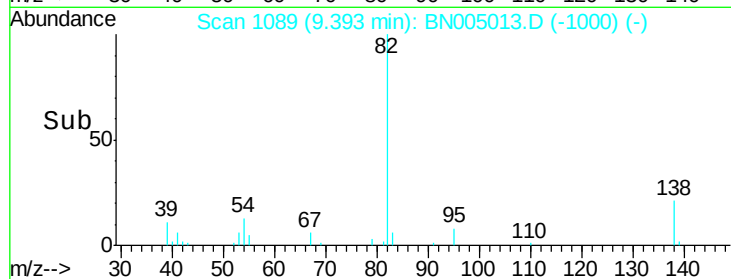
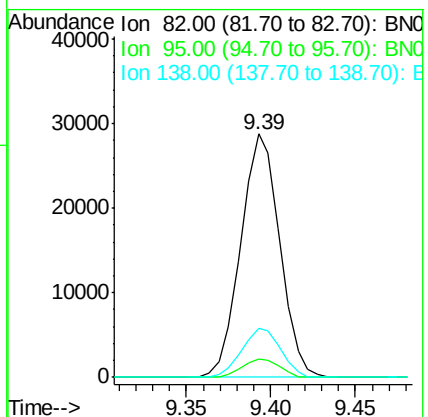
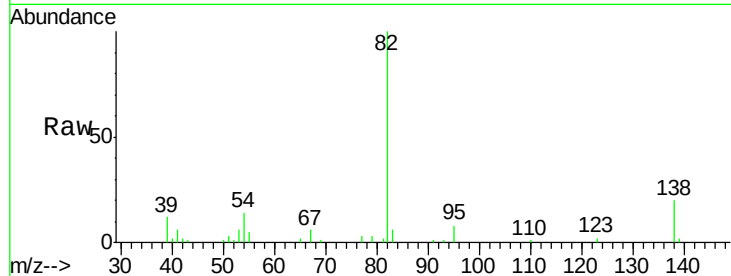
Tot Ion: 82 Resp: 46179

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

138 20.1 16.2 24.2



#26

2-Nitrophenol

Concen: 37.867 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

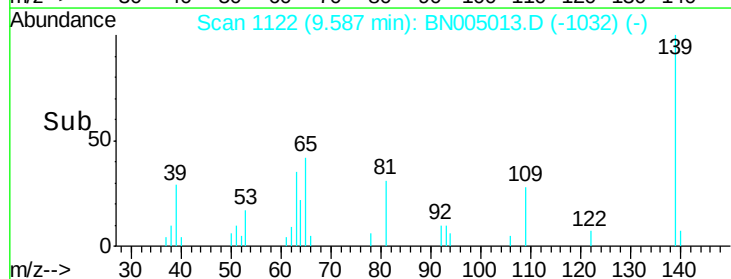
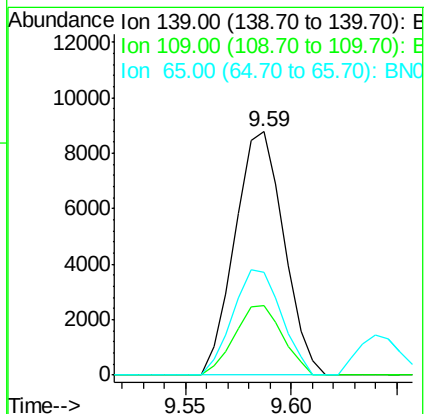
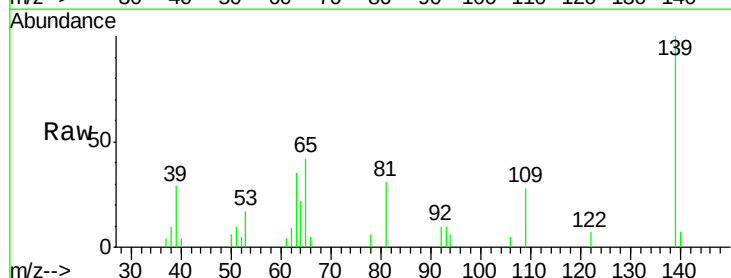
Tgt Ion: 139 Resp: 14121

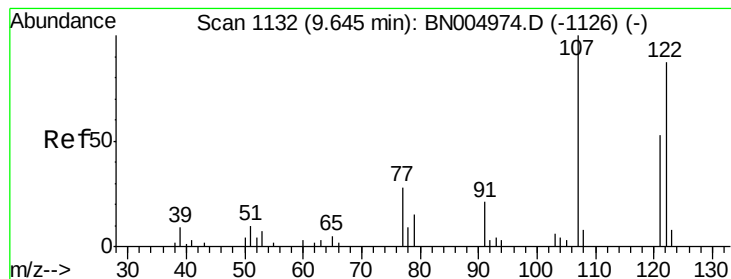
Ion Ratio Lower Upper

139 100

109 28.4 22.5 33.7

65 42.4 34.2 51.4

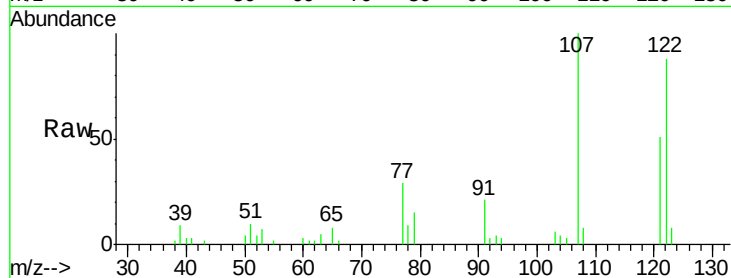




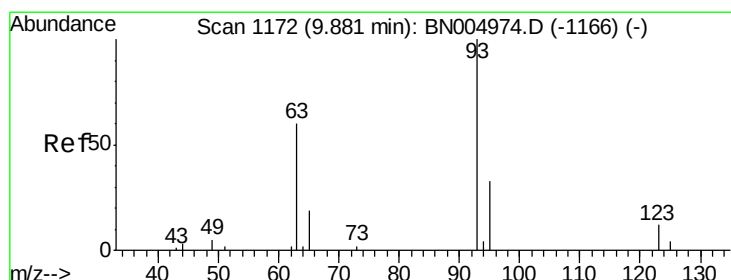
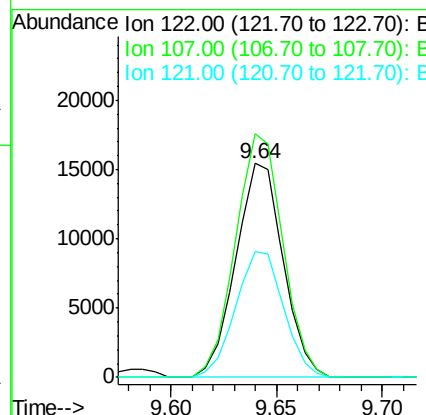
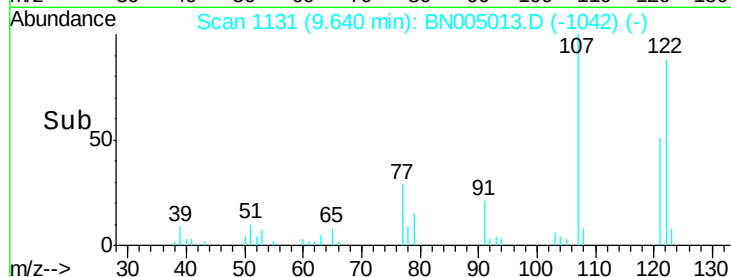
#27
 2,4-Dimethylphenol
 Concen: 46.190 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

Tot Ion:122 Resp: 23981
 Ion Ratio Lower Upper
 122 100
 107 113.7 91.6 137.4
 121 58.5 48.2 72.2

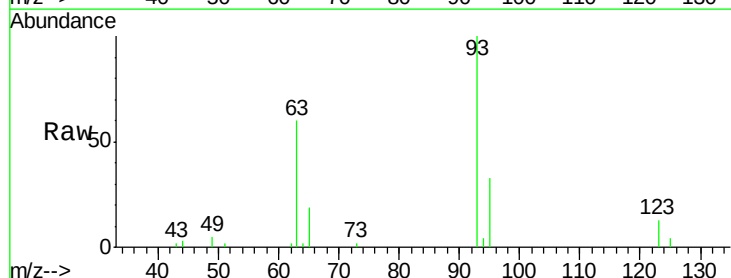


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

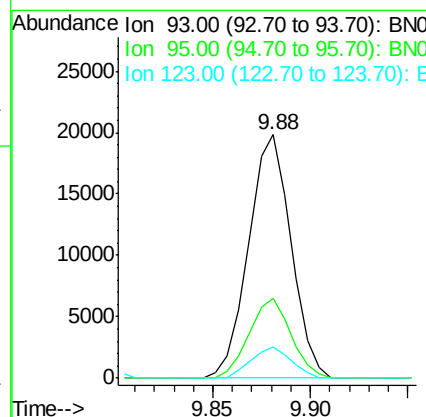
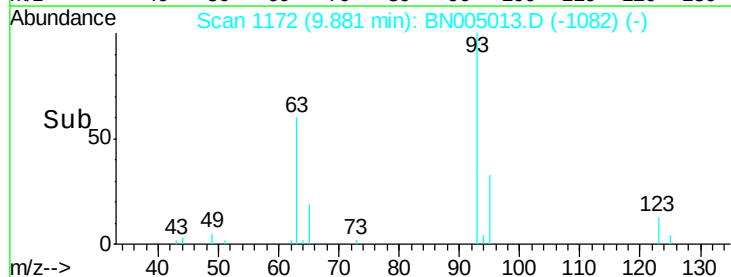


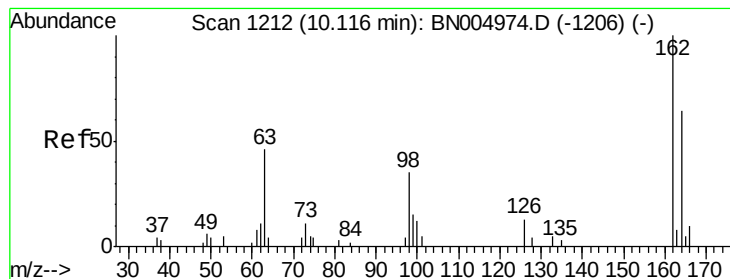
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.795 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion: 93 Resp: 29716
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.4
 123 12.5 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: 41.551 ng

RT: 10.12 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

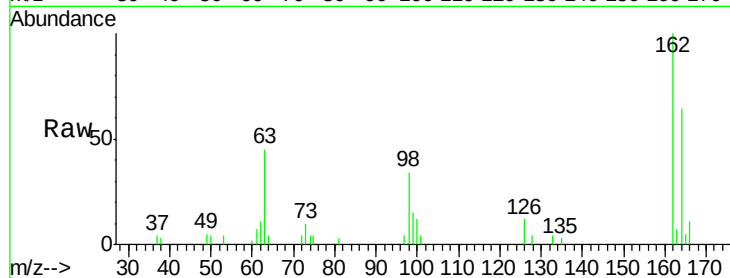
Tot Ion:162 Resp: 24794

Ion Ratio Lower Upper

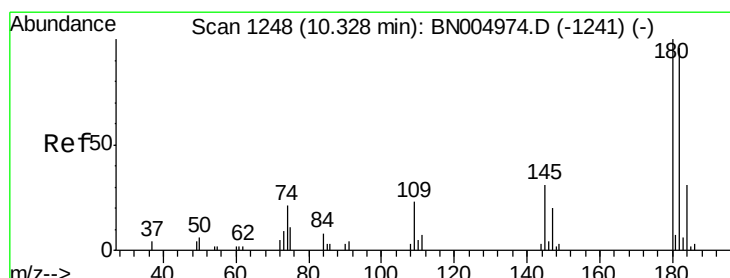
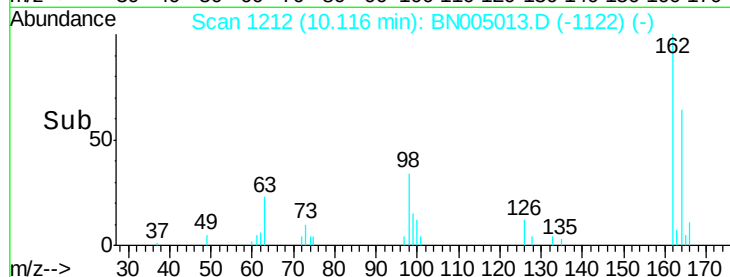
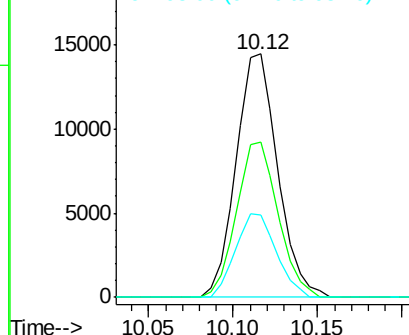
162 100

164 63.7 44.3 84.3

98 33.9 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: 41.040 ng

RT: 10.32 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

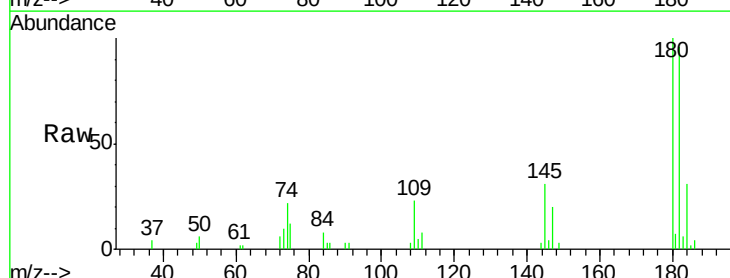
Tgt Ion:180 Resp: 26976

Ion Ratio Lower Upper

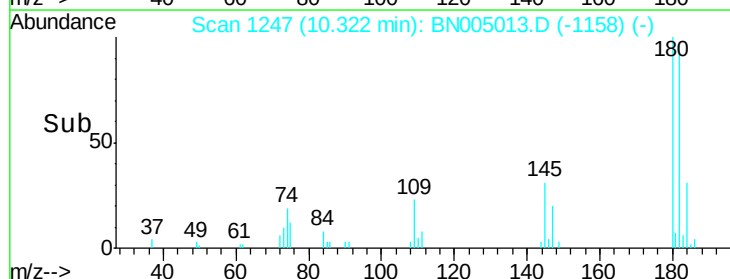
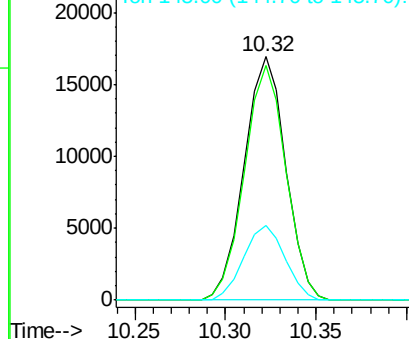
180 100

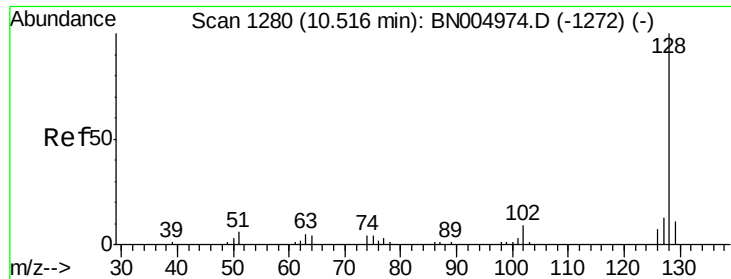
182 96.5 76.6 114.8

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

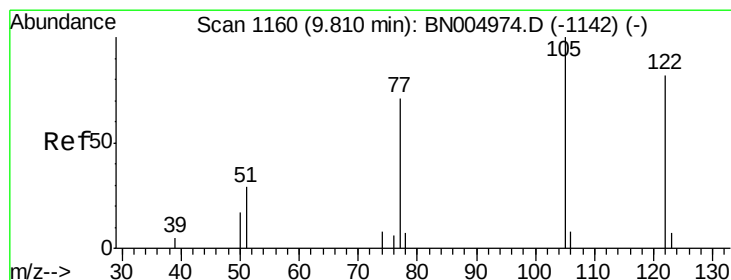
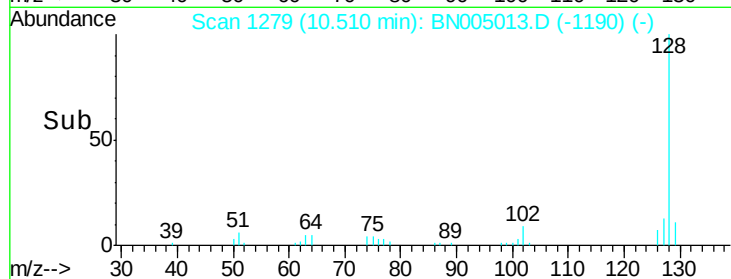
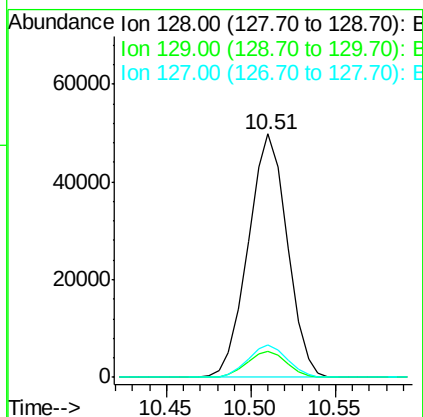
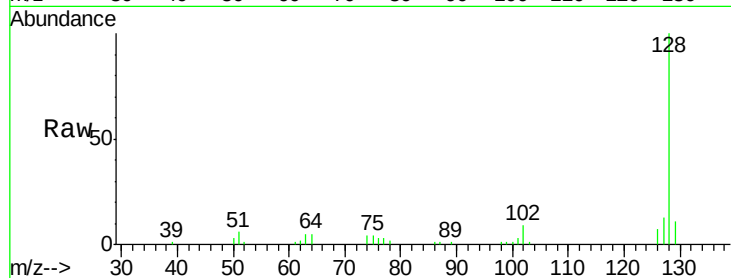




#31
Naphthalene
Concen: 40.001 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

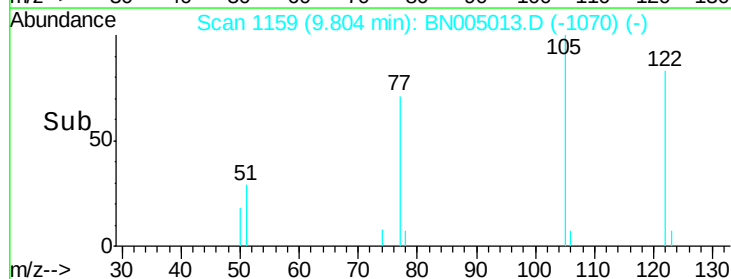
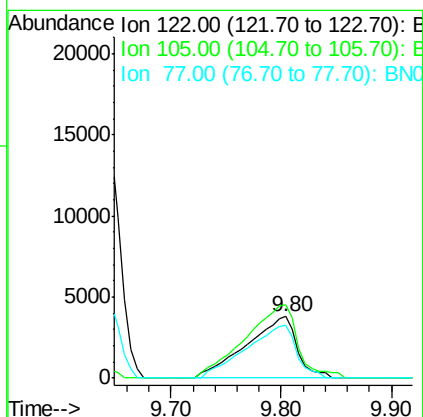
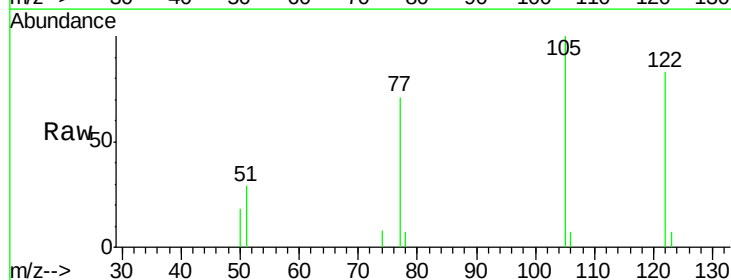
Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

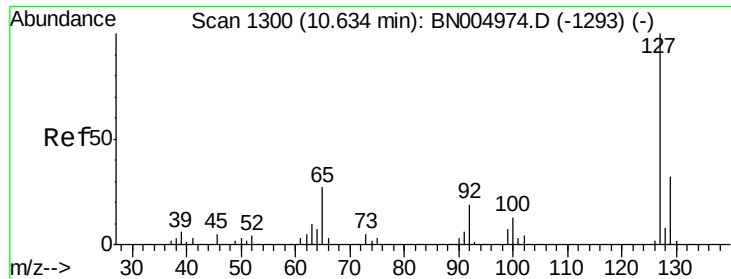
Tot Ion:128 Resp: 80116
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 31.310 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:122 Resp: 12173
Ion Ratio Lower Upper
122 100
105 120.4 102.4 142.4
77 85.5 67.1 107.1

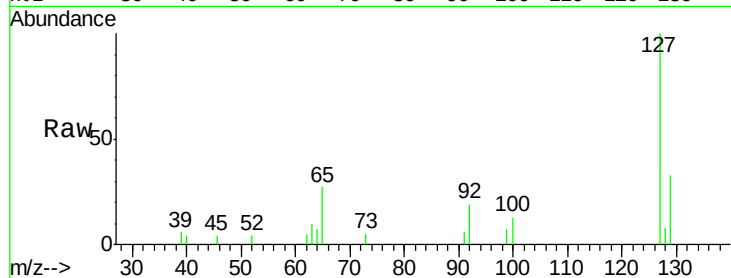




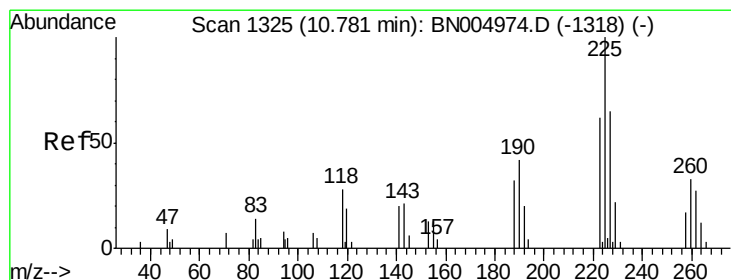
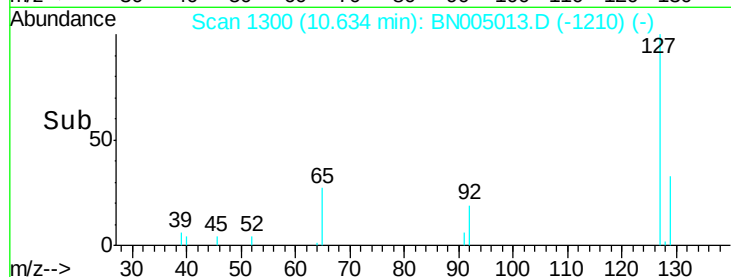
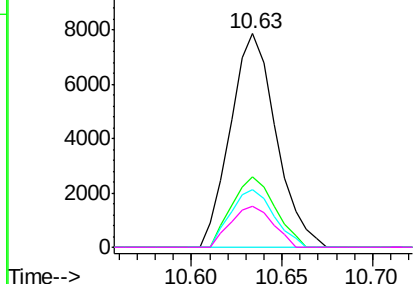
#33
4-Chloroaniline
Concen: 16.930 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

Tot Ion:	127	Resp:	13796
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	26.8	21.4	32.0
92	19.0	15.3	22.9

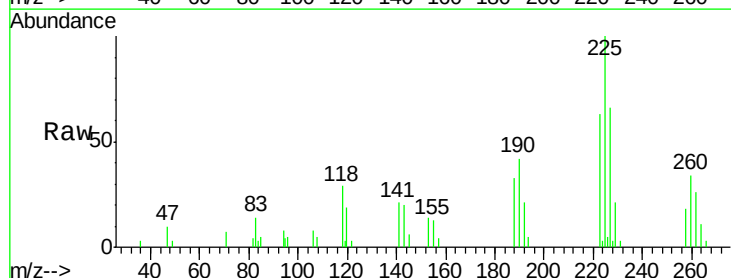


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

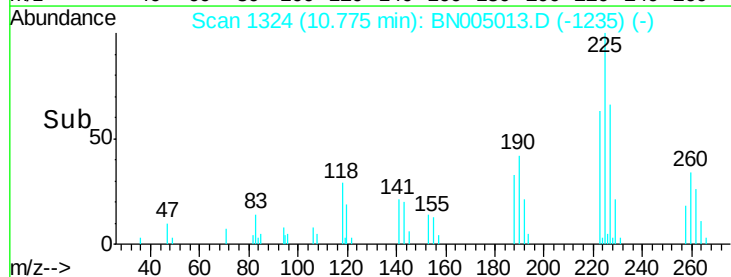
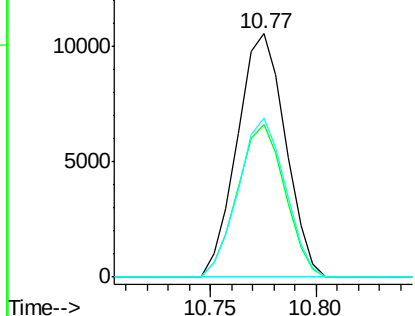


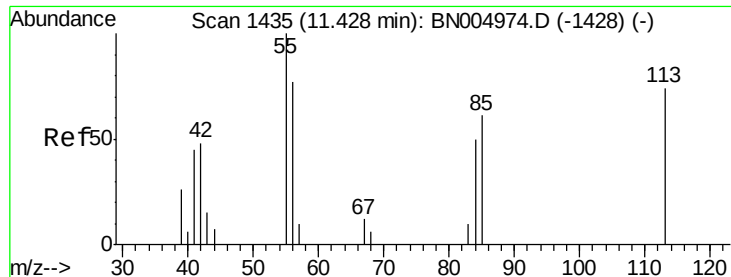
#34
Hexachlorobutadiene
Concen: 39.315 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:	225	Resp:	16721
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	65.6	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

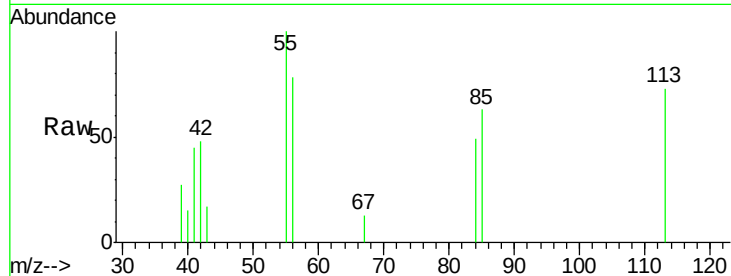




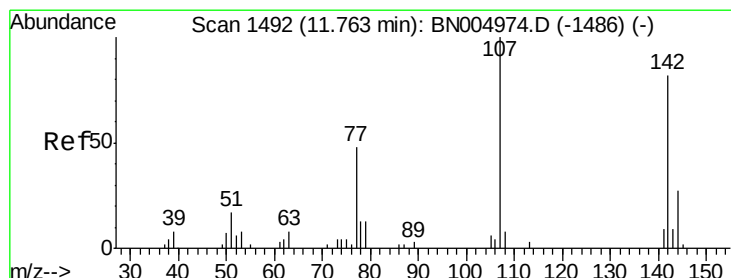
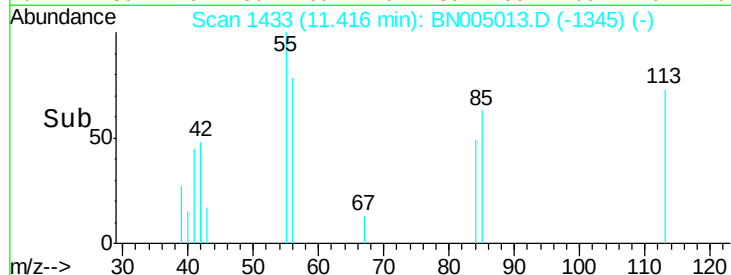
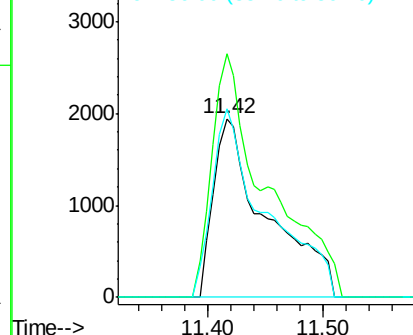
#35
 Caprolactam
 Concen: 32.239 ng
 RT: 11.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

Tot Ion:113 Resp: 6299
 Ion Ratio Lower Upper
 113 100
 55 136.2 115.8 155.8
 56 105.7 85.1 125.1

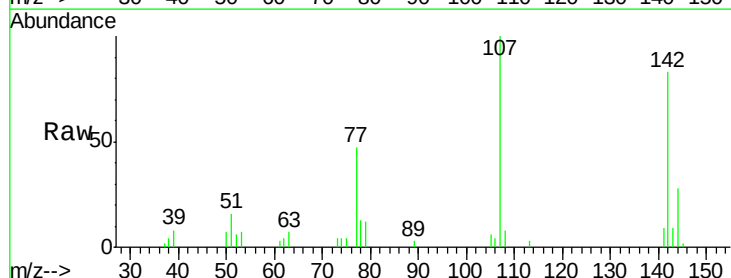


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNO
 Ion 56.00 (55.70 to 56.70): BNO

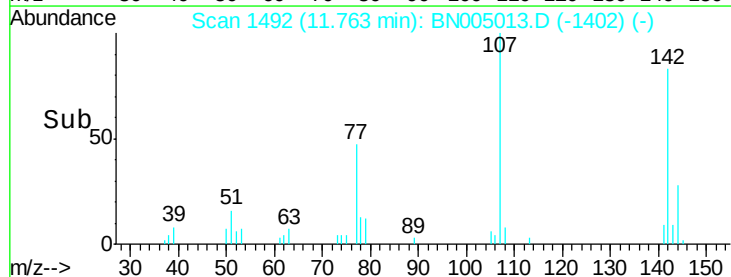
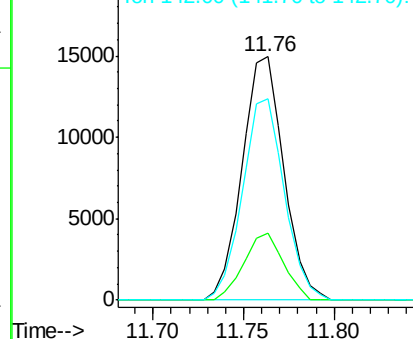


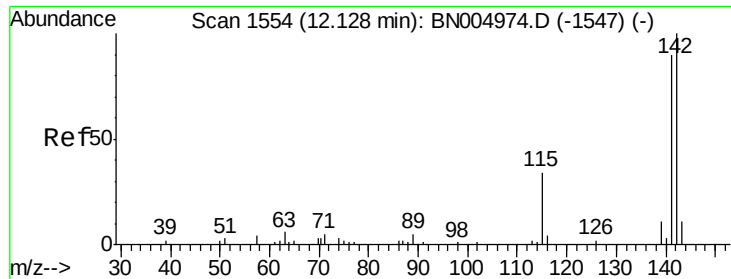
#36
 4-Chloro-3-methylphenol
 Concen: 37.117 ng
 RT: 11.76 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:107 Resp: 23926
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.3 31.9
 142 82.7 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

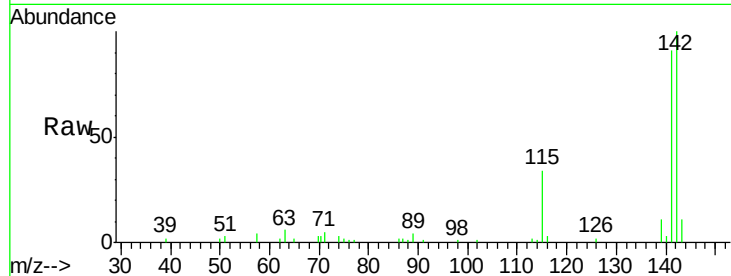




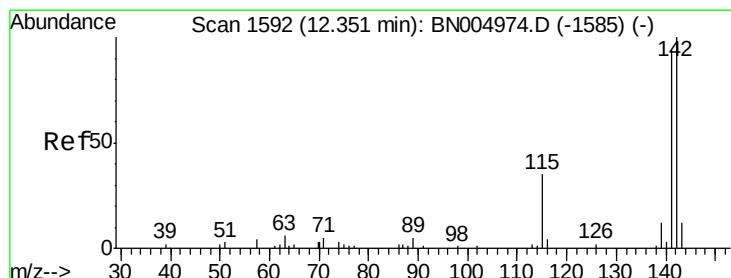
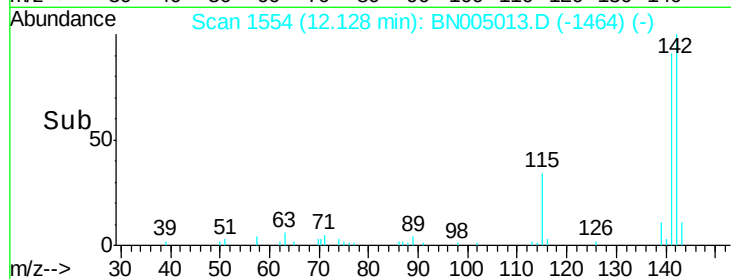
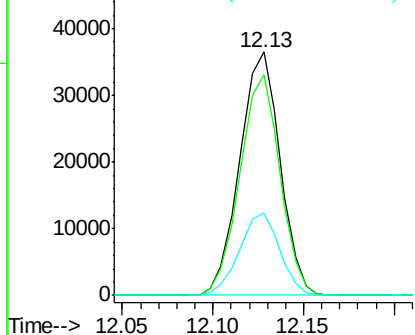
#37
 2-Methylnaphthalene
 Concen: 40.025 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

Tot Ion:142 Resp: 56608
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.8 107.8
 115 33.7 27.0 40.4

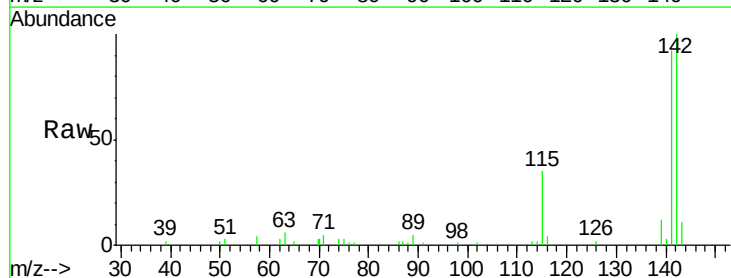


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

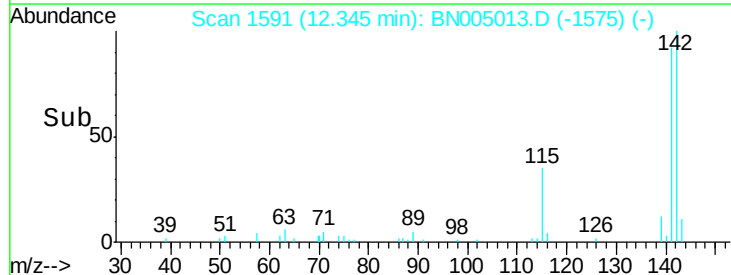
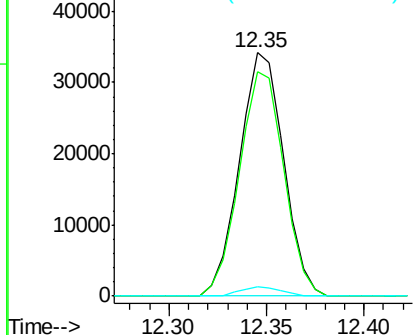


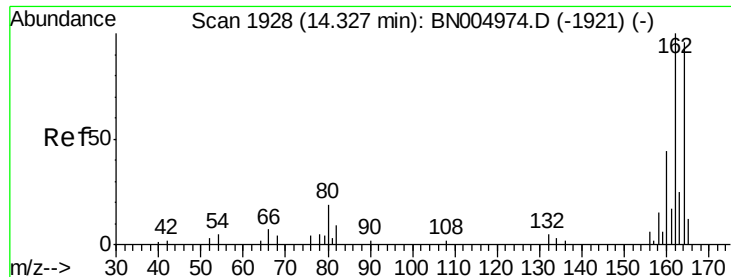
#38
 1-Methylnaphthalene
 Concen: 38.724 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:142 Resp: 53591
 Ion Ratio Lower Upper
 142 100
 141 92.1 74.9 112.3
 116 3.7 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

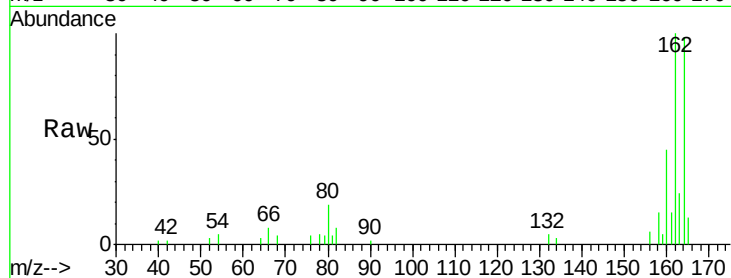
Tot Ion:164 Resp: 20375

Ion Ratio Lower Upper

164 100

162 102.4 83.4 125.0

160 45.6 36.6 55.0

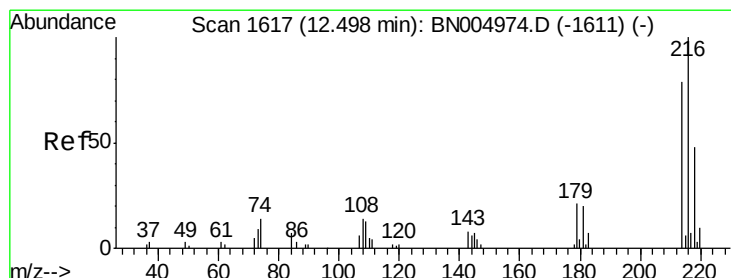
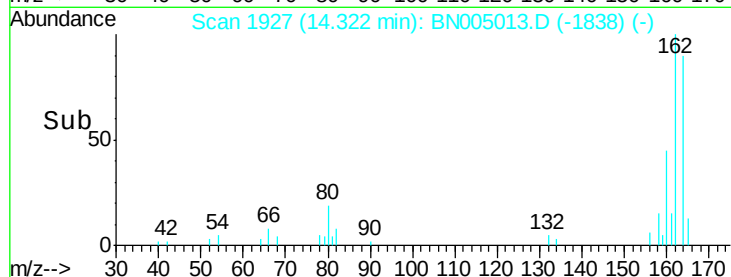
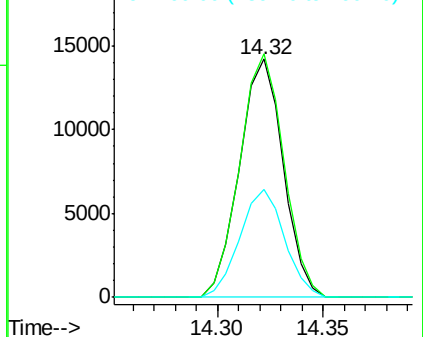


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.638 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Tgt Ion:216 Resp: 30091

Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.6 16.4 24.6

108 18.1 12.7 19.1

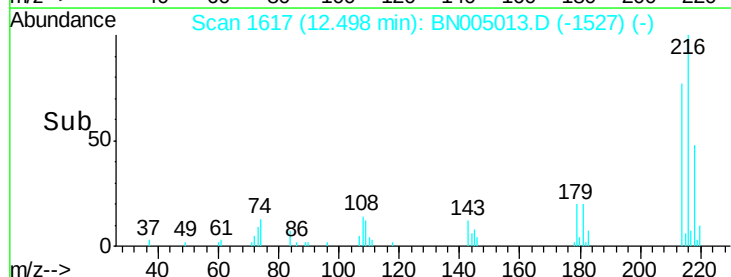
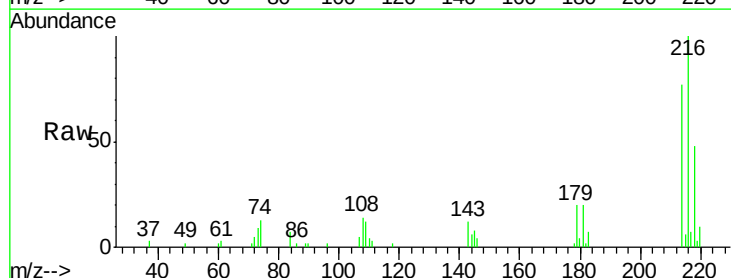
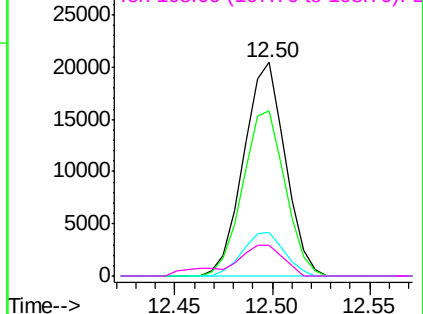
Abundance

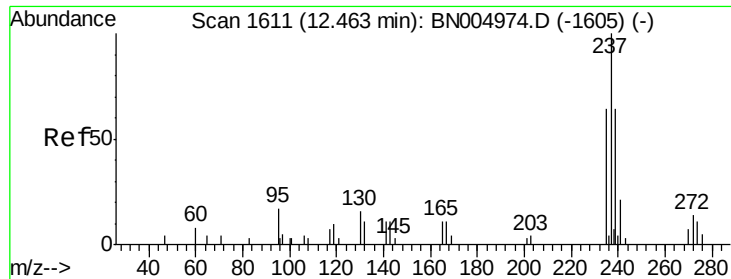
Ion 216.00 (215.70 to 216.70): E

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: 101.481 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

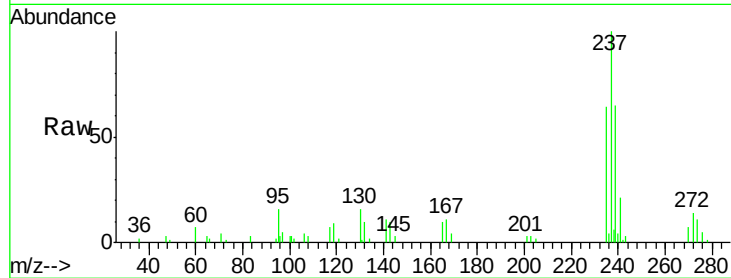
Tot Ion:237 Resp: 42023

Ion Ratio Lower Upper

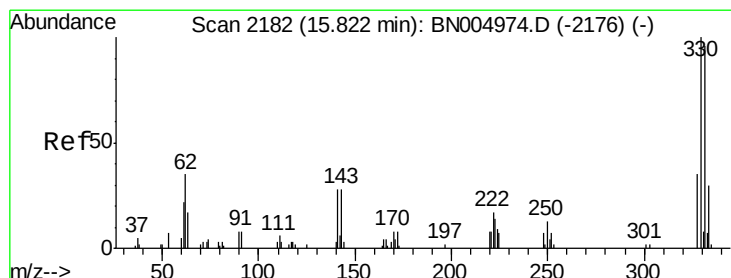
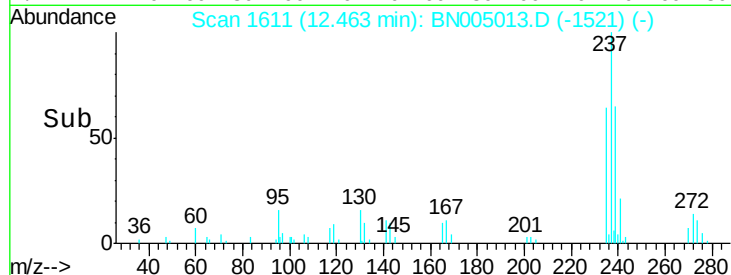
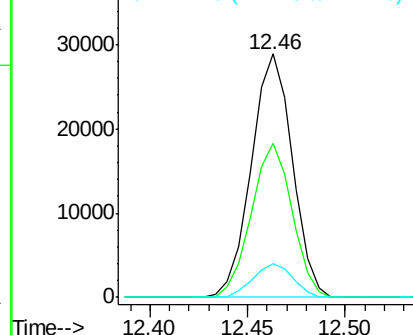
237 100

235 63.5 43.6 83.6

272 13.9 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.974 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

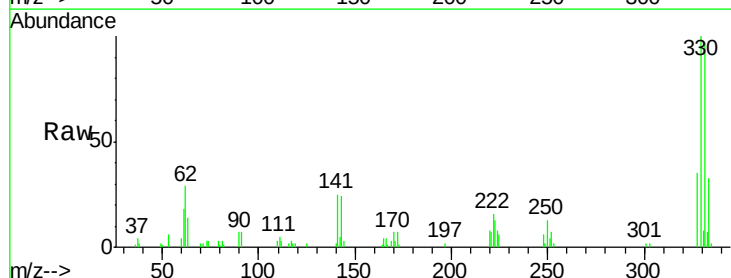
Tgt Ion:330 Resp: 39096

Ion Ratio Lower Upper

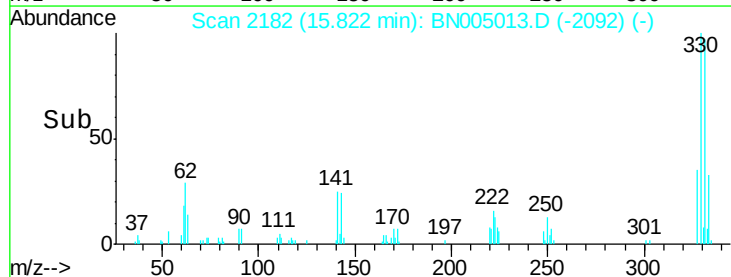
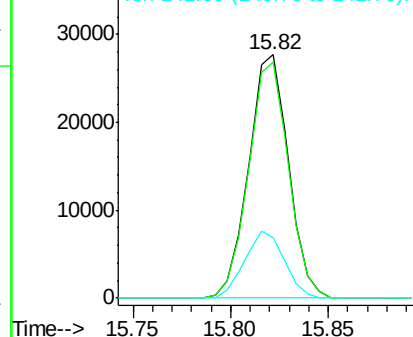
330 100

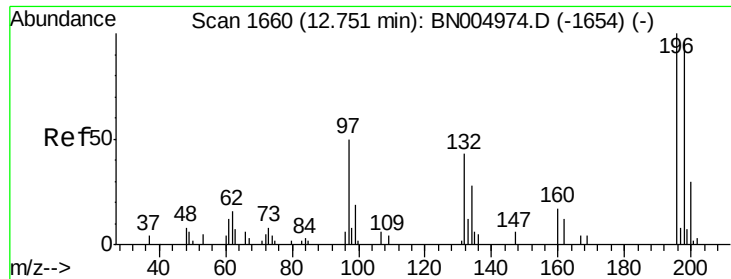
332 96.9 77.4 116.0

141 27.3 22.1 33.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

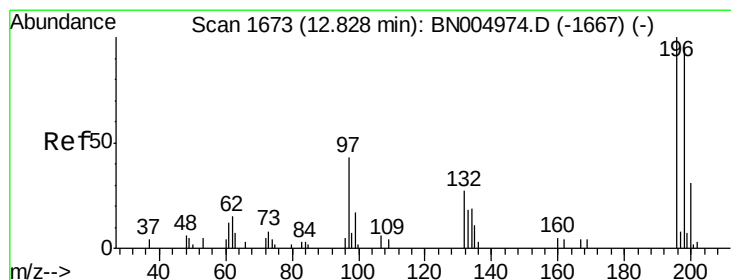
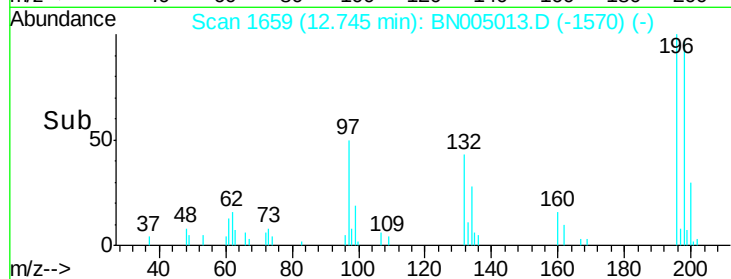
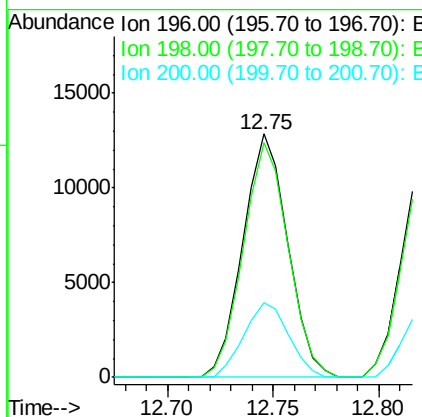
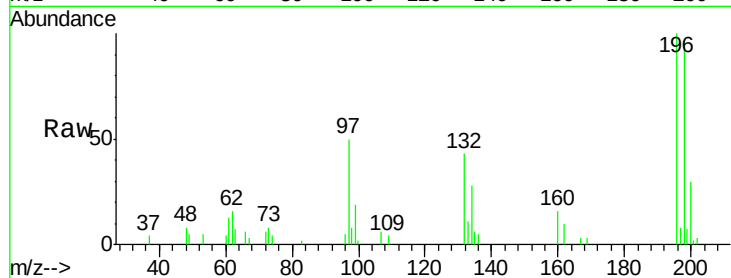




#43
 2,4,6-Trichlorophenol
 Concen: 42.288 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

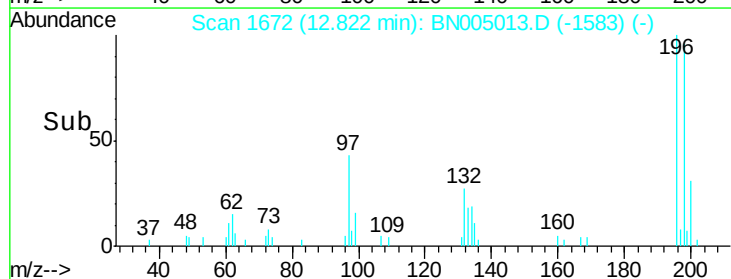
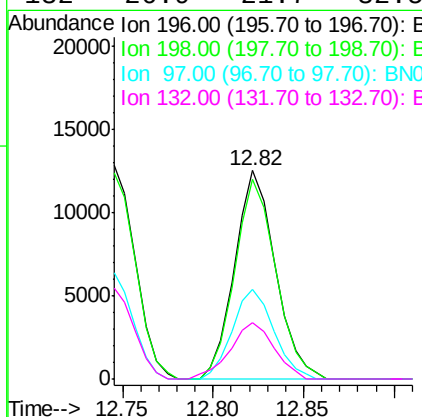
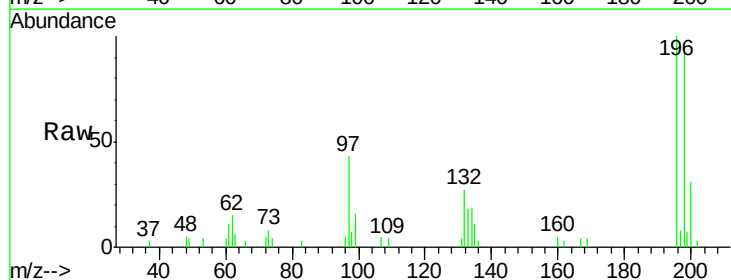
Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

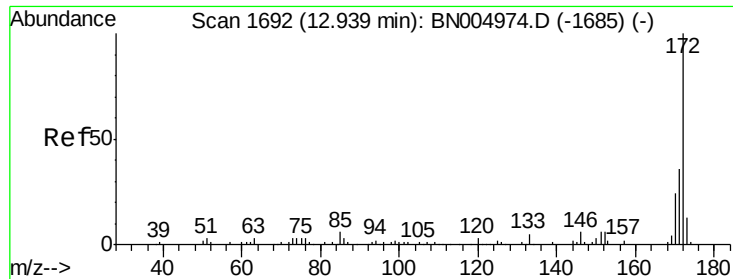
Tot Ion:196 Resp: 18963
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.5 114.7
 200 30.5 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.232 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:196 Resp: 19654
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.1 114.1
 97 43.0 34.8 52.2
 132 26.9 21.7 32.5

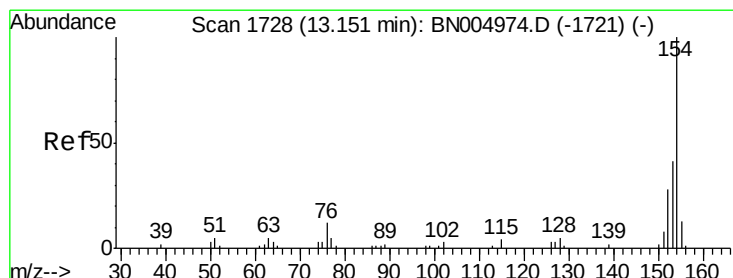
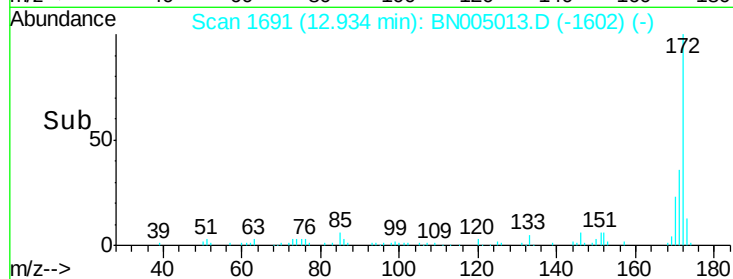
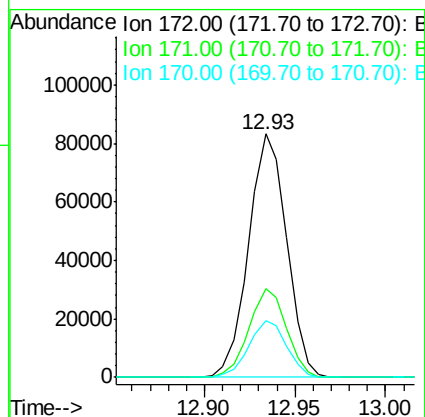
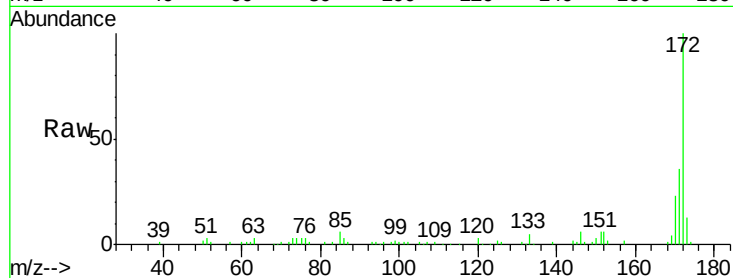




#45
2-Fluorobiphenyl
Concen: 78.841 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

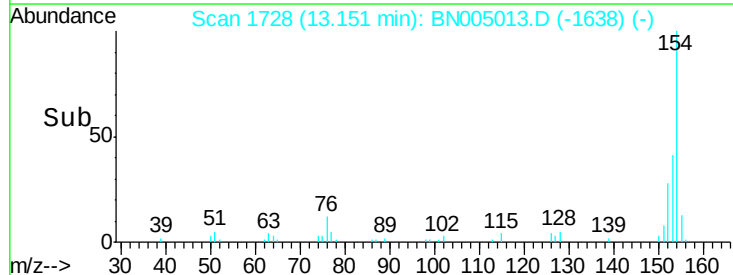
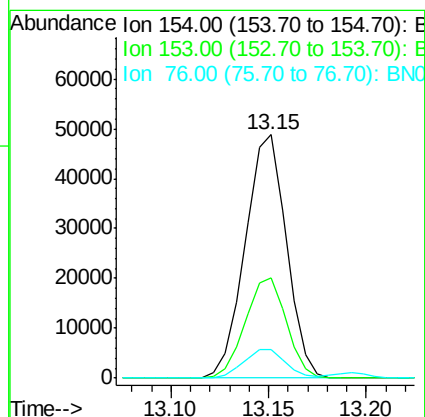
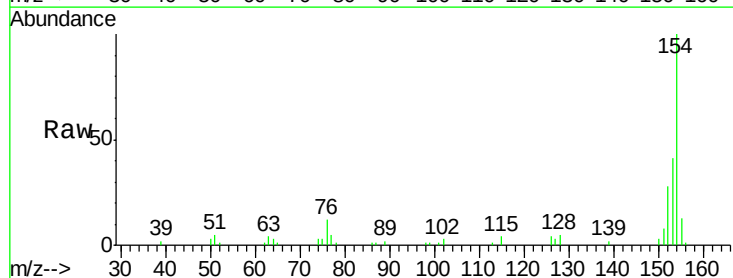
Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

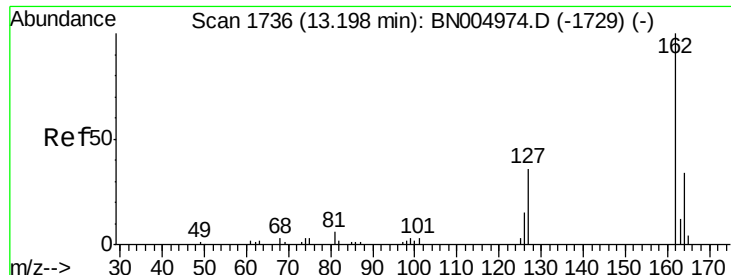
Tot Ion:172 Resp: 121225
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.393 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:154 Resp: 71380
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 11.6 0.0 32.2

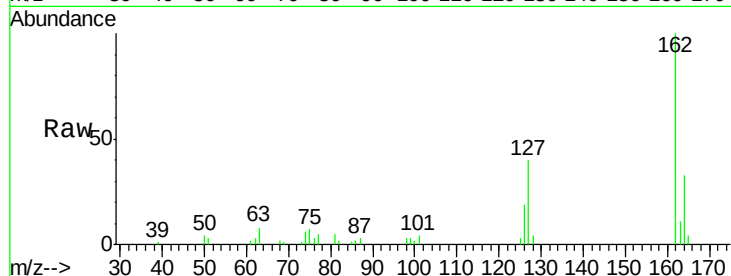




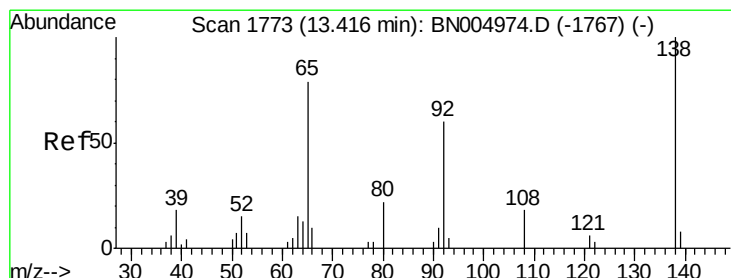
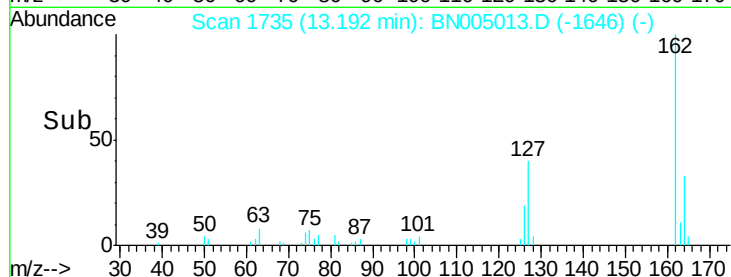
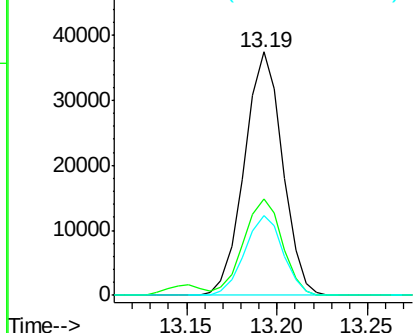
#47
2-Chloronaphthalene
Concen: 41.395 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

Tot Ion:162 Resp: 54779
Ion Ratio Lower Upper
162 100
127 39.8 32.4 48.6
164 32.7 26.8 40.2

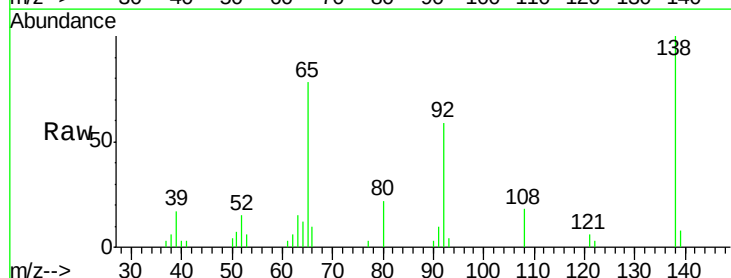


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

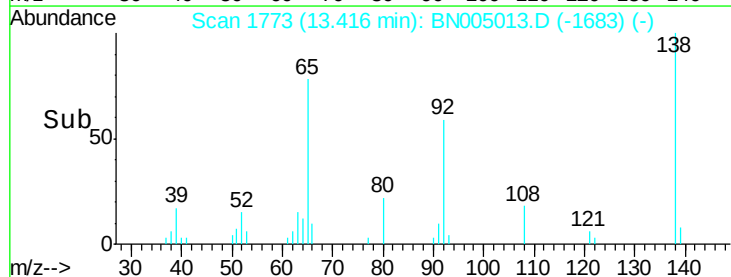
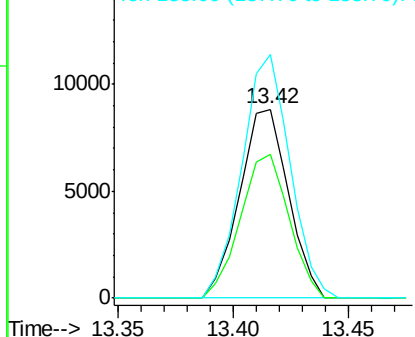


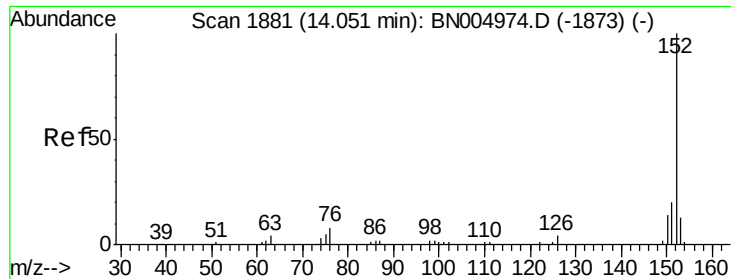
#48
2-Nitroaniline
Concen: 37.077 ng
RT: 13.42 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion: 65 Resp: 13061
Ion Ratio Lower Upper
65 100
92 76.0 60.2 90.4
138 128.9 101.1 151.7



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: 38.787 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

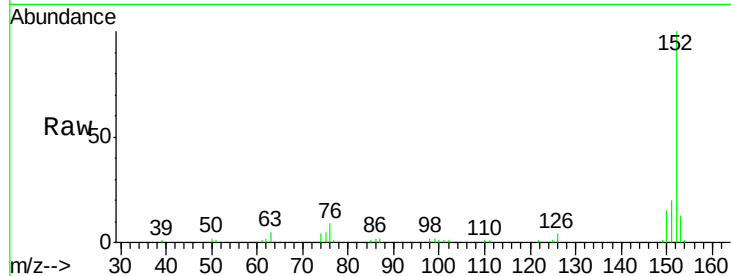
Tot Ion:152 Resp: 86330

Ion Ratio Lower Upper

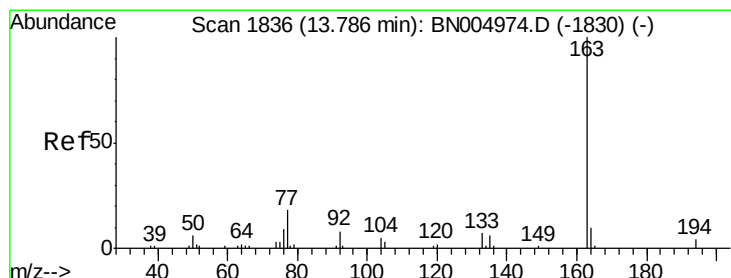
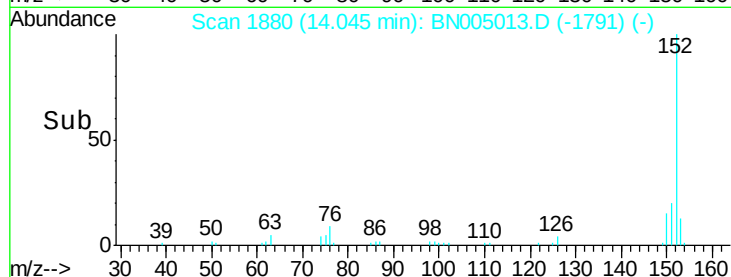
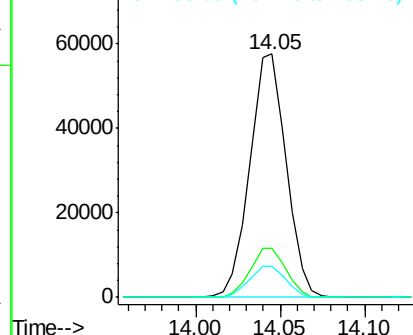
152 100

151 20.4 16.2 24.2

153 13.0 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: 38.286 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

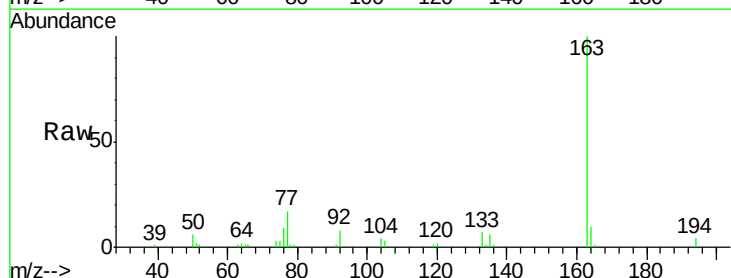
Tgt Ion:163 Resp: 64089

Ion Ratio Lower Upper

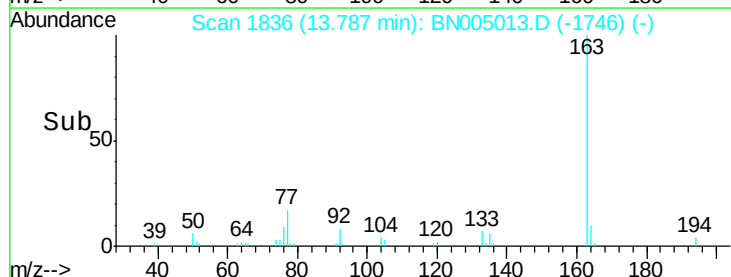
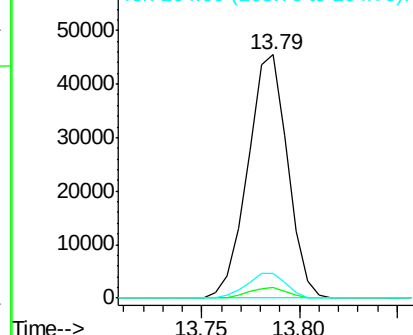
163 100

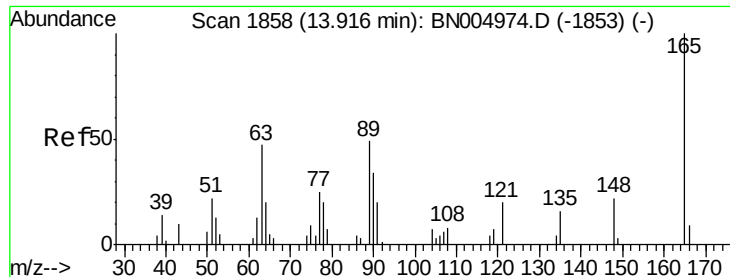
194 4.4 3.4 5.0

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

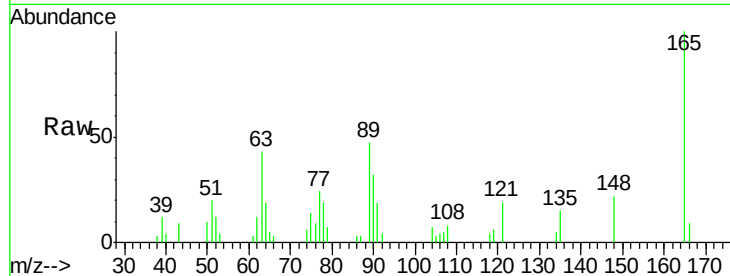




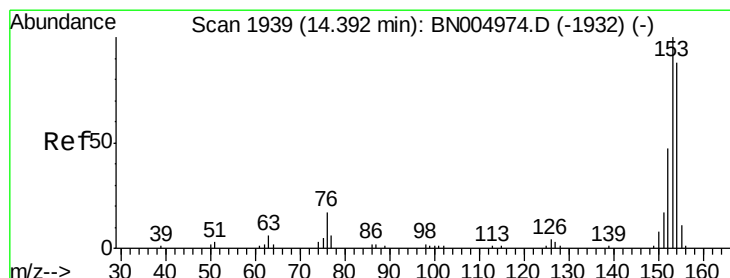
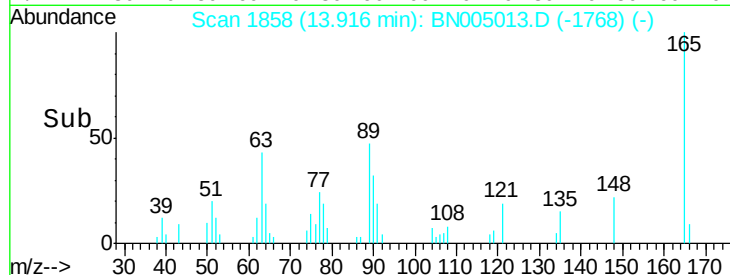
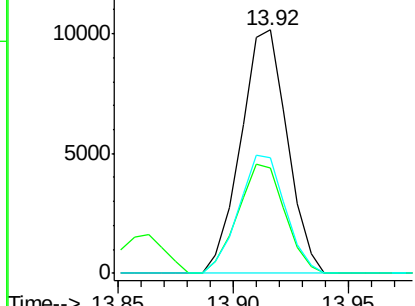
#51
 2,6-Dinitrotoluene
 Concen: 37.358 ng
 RT: 13.92 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

Tot Ion:165 Resp: 14230
 Ion Ratio Lower Upper
 165 100
 63 43.0 37.3 55.9
 89 47.5 39.2 58.8

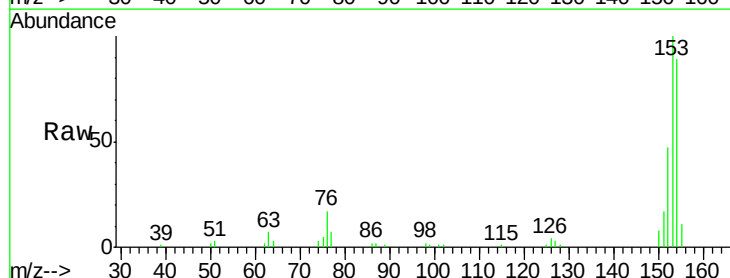


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

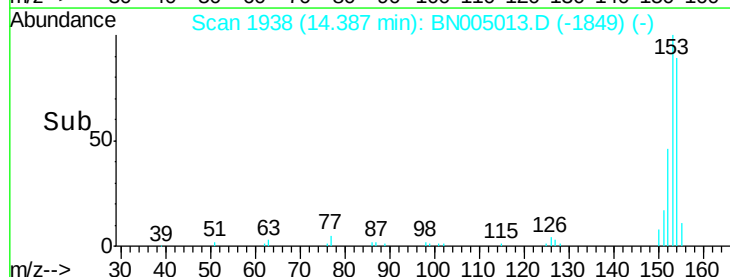
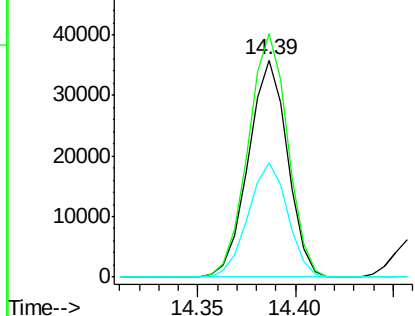


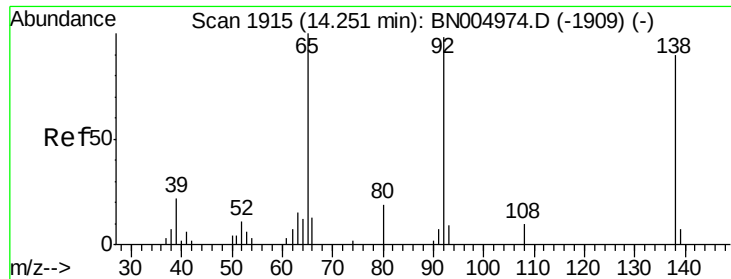
#52
 Acenaphthene
 Concen: 39.598 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:154 Resp: 49579
 Ion Ratio Lower Upper
 154 100
 153 112.2 91.0 136.4
 152 52.5 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: 18.055 ng

RT: 14.25 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

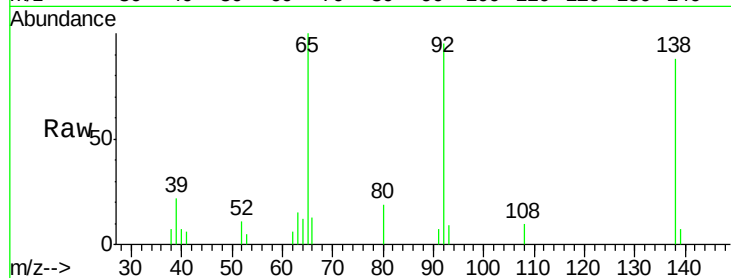
Tot Ion:138 Resp: 7029

Ion Ratio Lower Upper

138 100

108 11.1 8.6 12.8

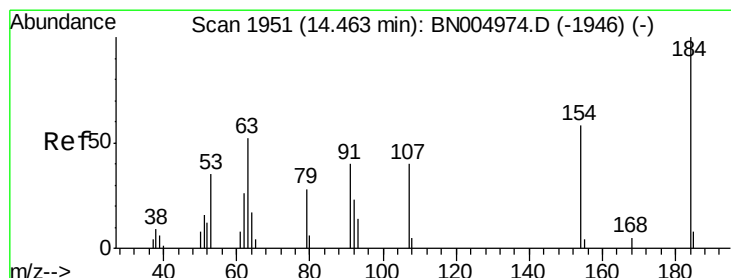
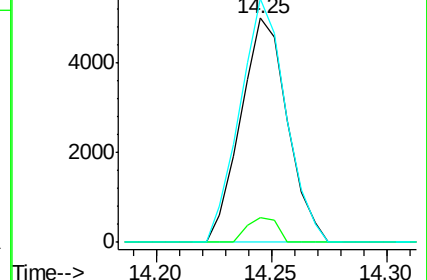
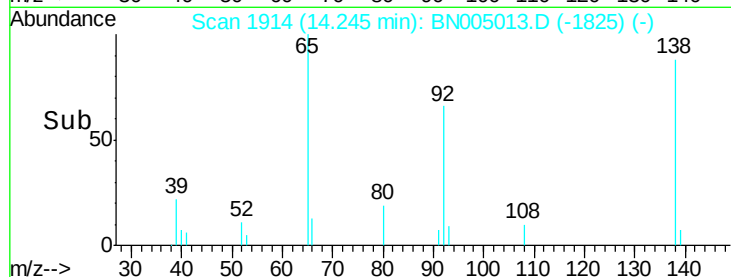
92 108.8 86.9 130.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC



#54

2,4-Dinitrophenol

Concen: 66.192 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

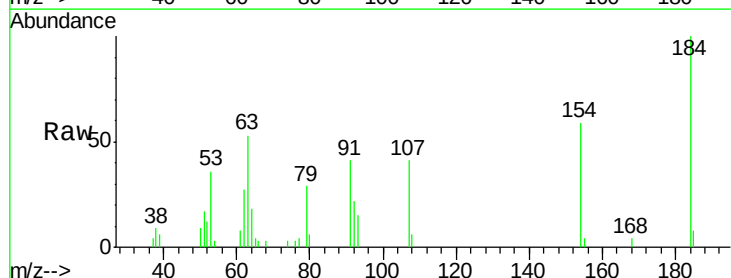
Tgt Ion:184 Resp: 14727

Ion Ratio Lower Upper

184 100

63 52.8 41.6 62.4

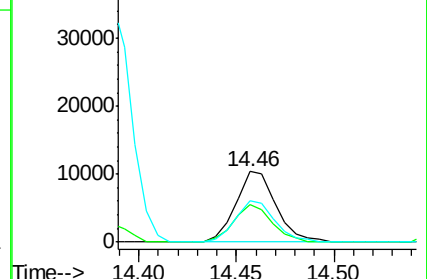
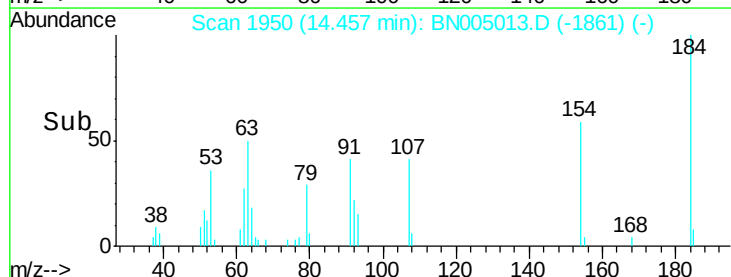
154 59.2 46.8 70.2

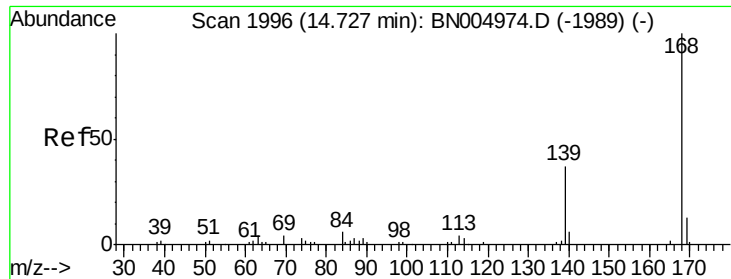


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E

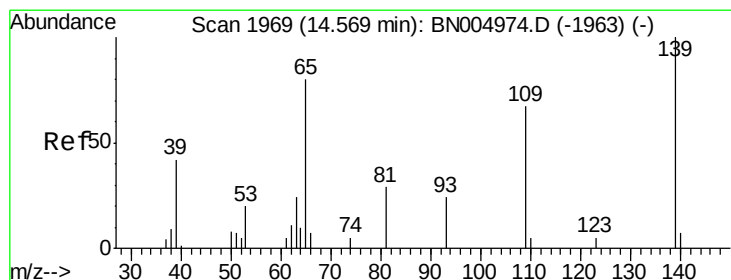
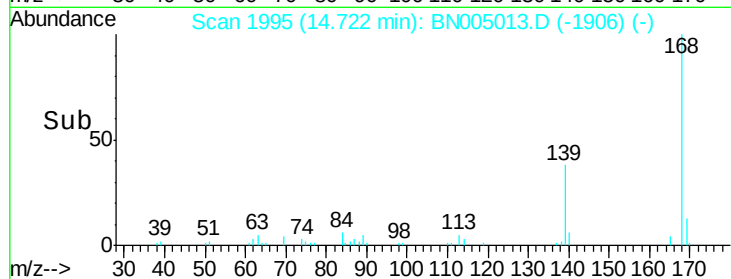
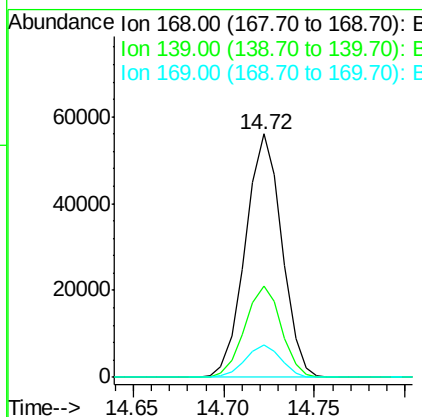
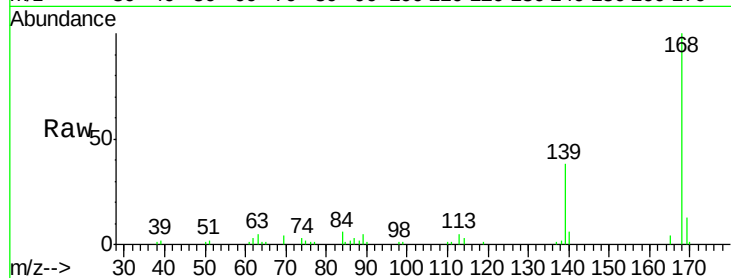




#55
Dibenzofuran
Concen: 39.290 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

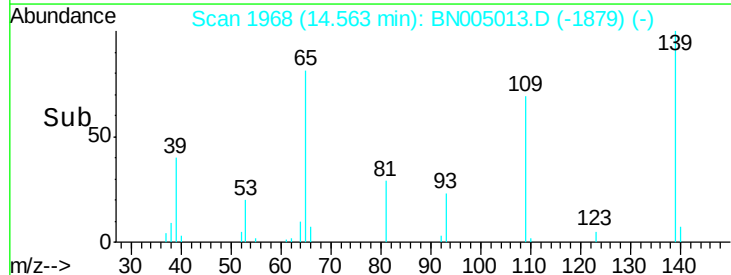
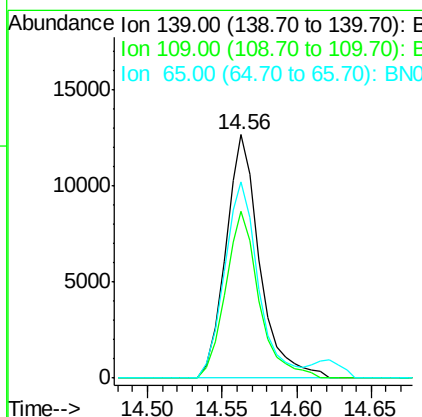
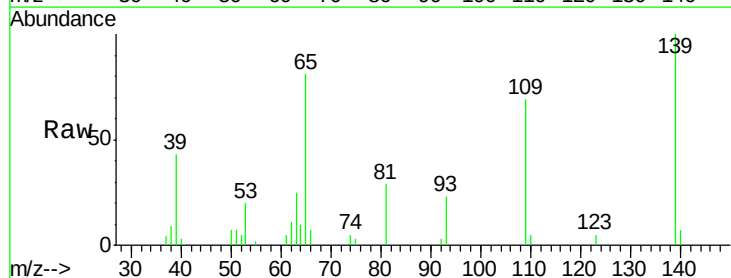
Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

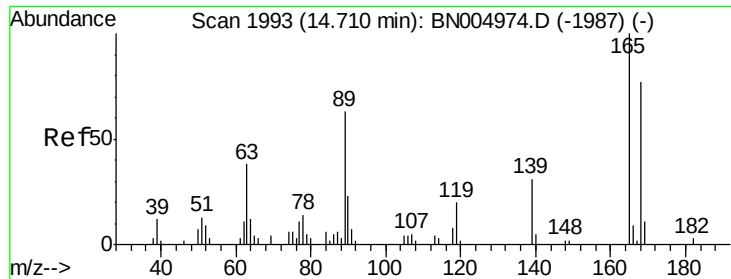
Tot Ion:168 Resp: 78279
Ion Ratio Lower Upper
168 100
139 37.7 29.9 44.9
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 65.502 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:139 Resp: 20089
Ion Ratio Lower Upper
139 100
109 68.8 46.5 86.5
65 80.7 59.5 99.5

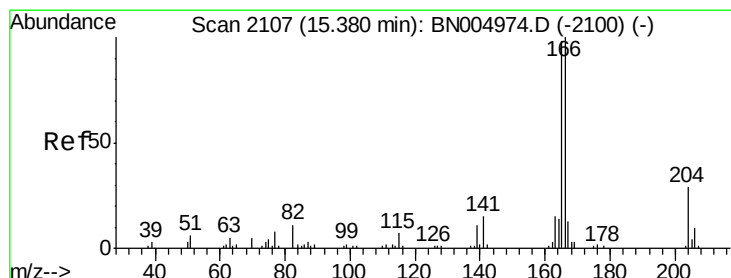
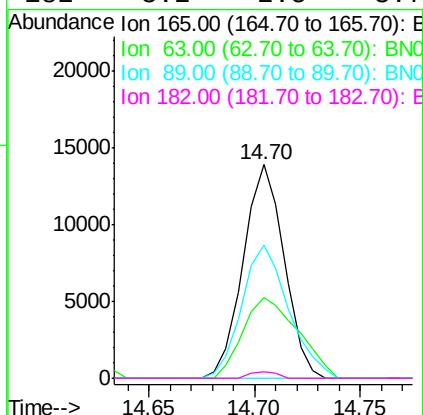
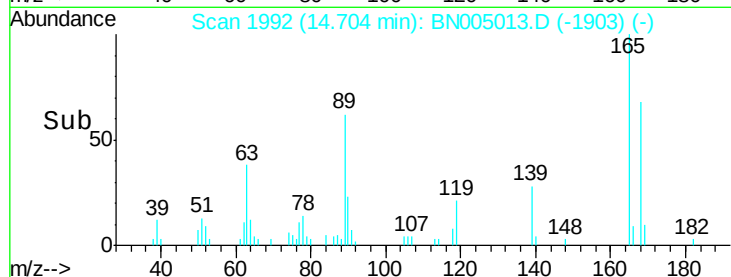
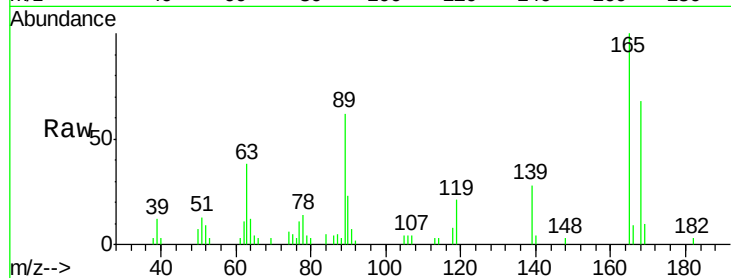




#57
 2,4-Dinitrotoluene
 Concen: 36.173 ng
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

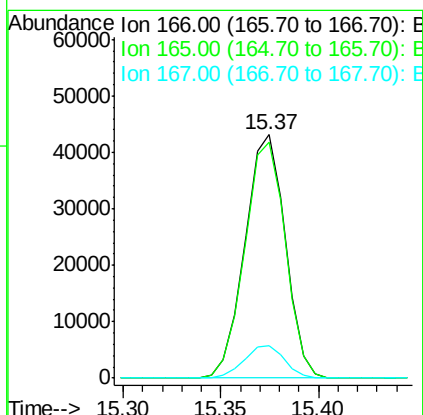
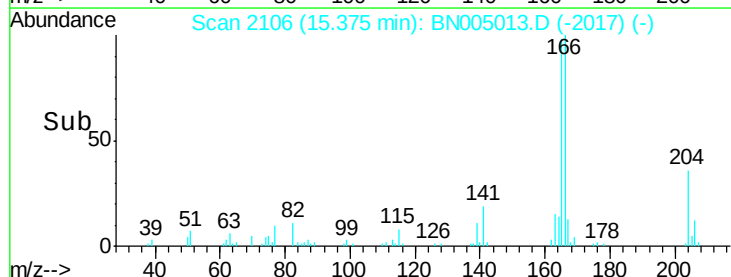
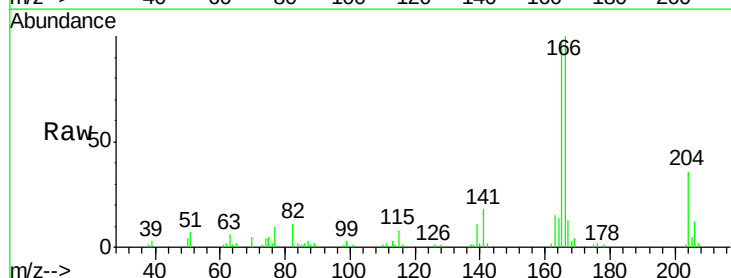
Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

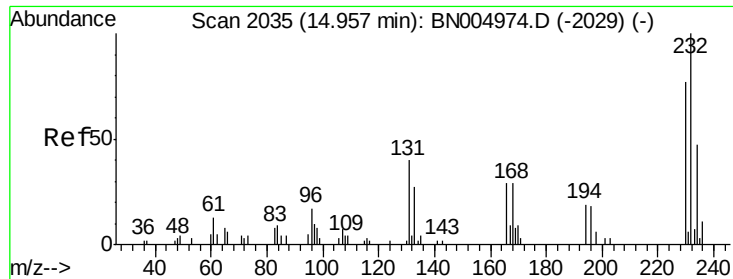
Tot Ion:165 Resp: 18725
 Ion Ratio Lower Upper
 165 100
 63 37.9 30.4 45.6
 89 62.1 50.7 76.1
 182 3.2 2.5 3.7



#58
 Fluorene
 Concen: 38.343 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:166 Resp: 61711
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.3 117.5
 167 13.2 10.6 15.8

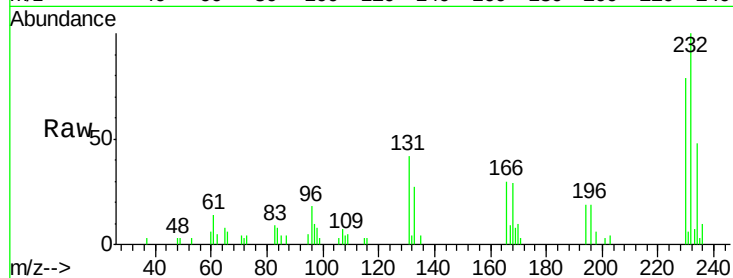




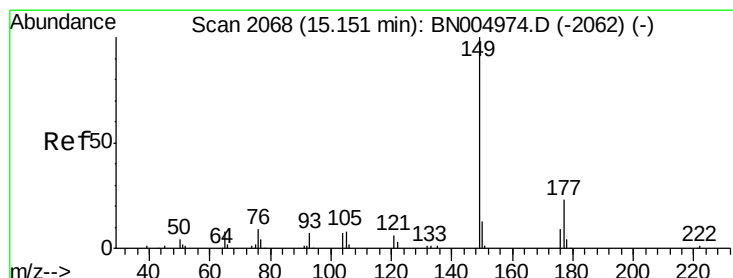
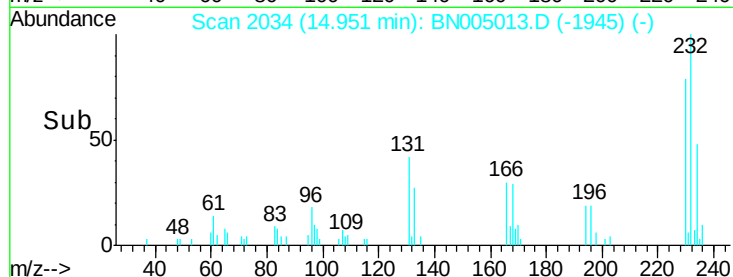
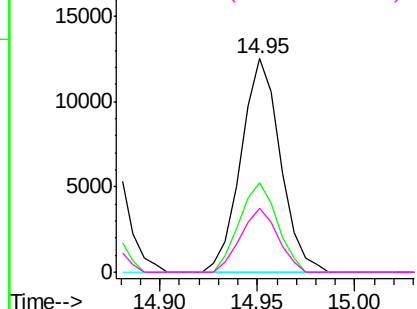
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.607 ng
RT: 14.95 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

Tot Ion:232 Resp: 17487
Ion Ratio Lower Upper
232 100
131 40.4 32.4 48.6
130 0.0 0.9 1.3#
166 28.2 22.6 34.0

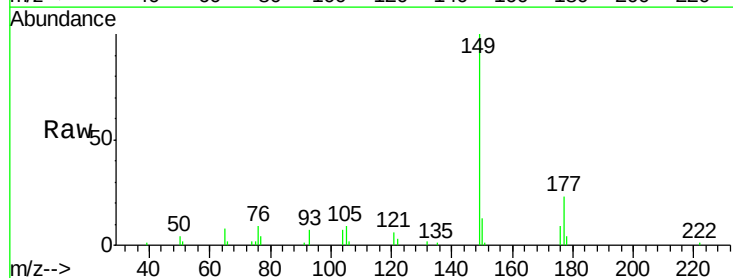


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

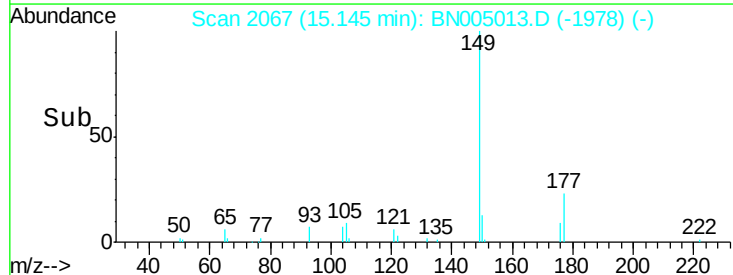
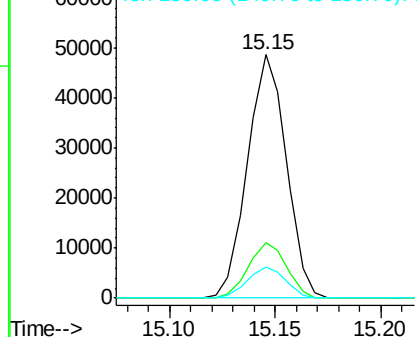


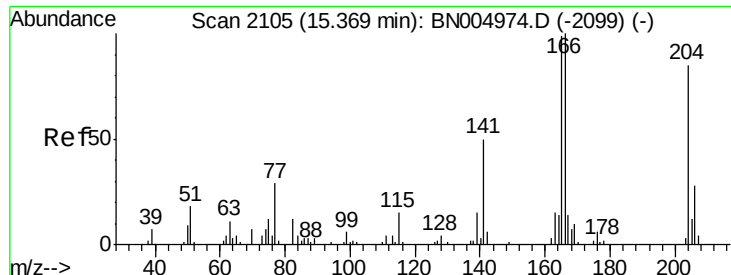
#60
Diethylphthalate
Concen: 37.225 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:149 Resp: 62181
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

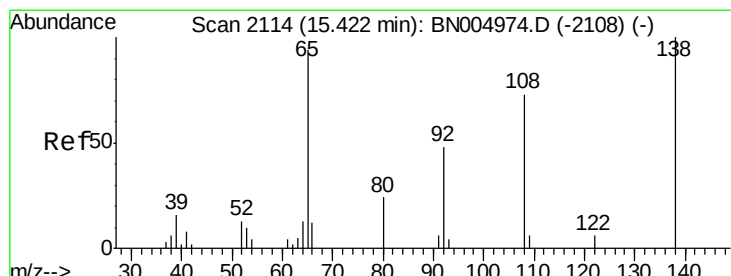
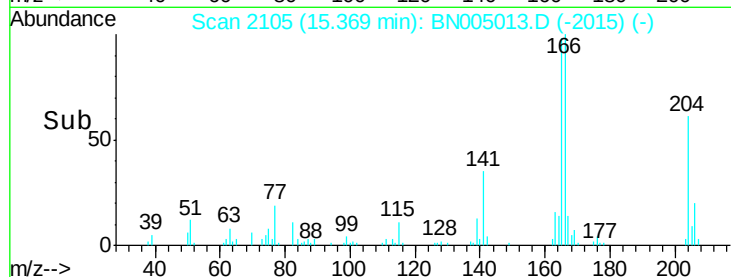
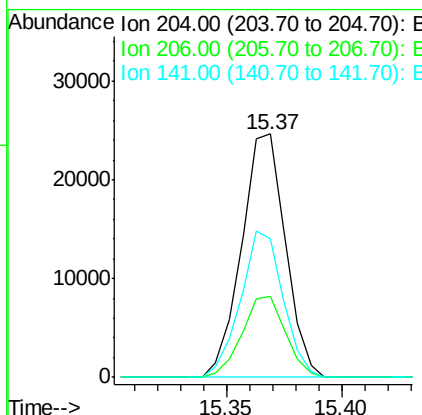
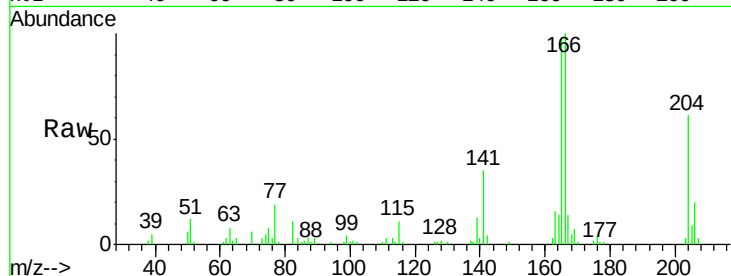




#61
 4-Chlorophenyl-phenylether
 Concen: 39.333 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

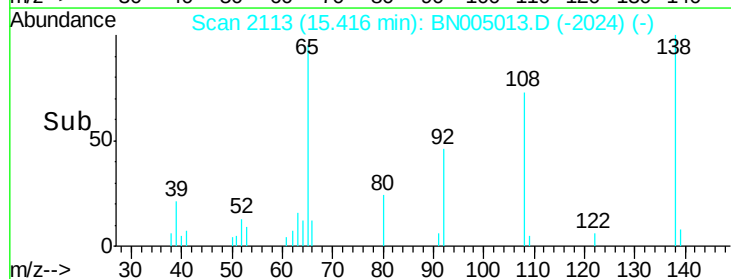
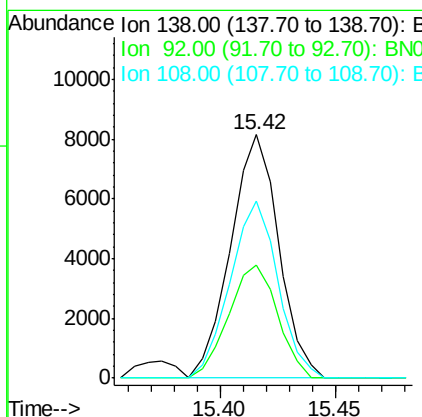
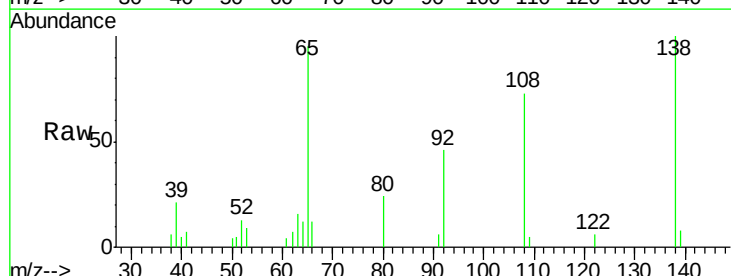
Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

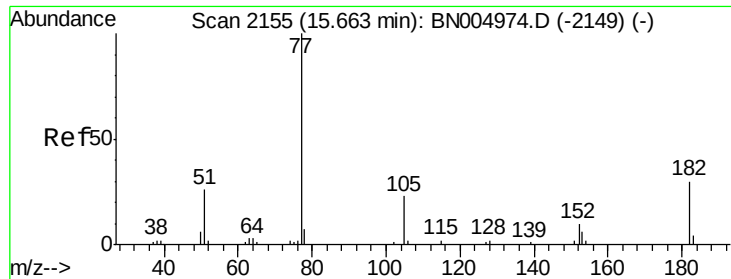
Tot Ion:	204	Resp:	32657
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	56.9	47.2	70.8



#62
 4-Nitroaniline
 Concen: 30.249 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:	138	Resp:	11832
Ion	Ratio	Lower	Upper
138	100		
92	46.4	26.4	66.4
108	73.0	50.8	90.8





#63

Azobenzene

Concen: 37.563 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

Tot Ion: 77 Resp: 52231

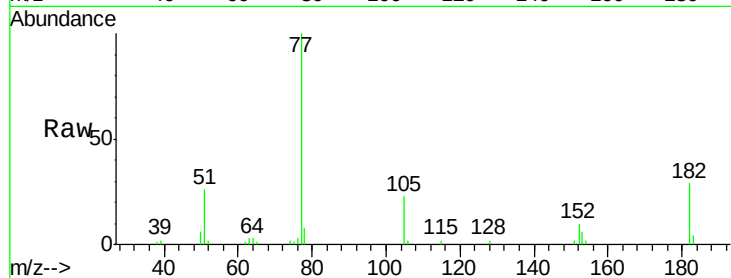
Ion Ratio Lower Upper

77 100

182 29.4 10.0 50.0

105 22.8 2.9 42.9

51 26.0 6.0 46.0

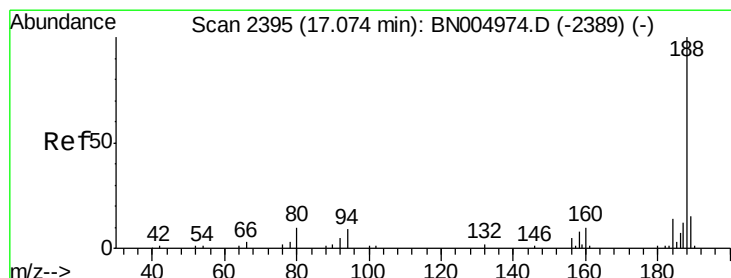
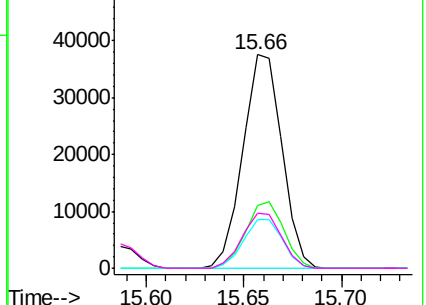
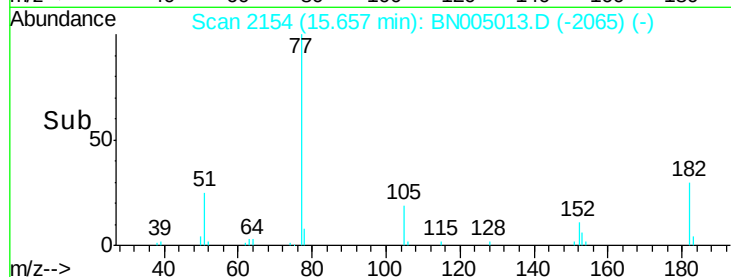


Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BN004974.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BN004974.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BN004974.D (-2149) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

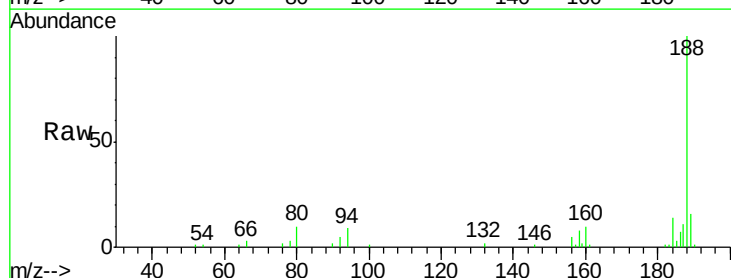
Tgt Ion: 188 Resp: 38938

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

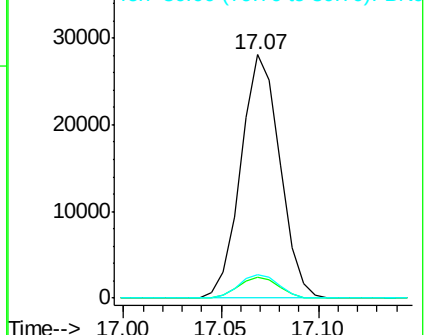
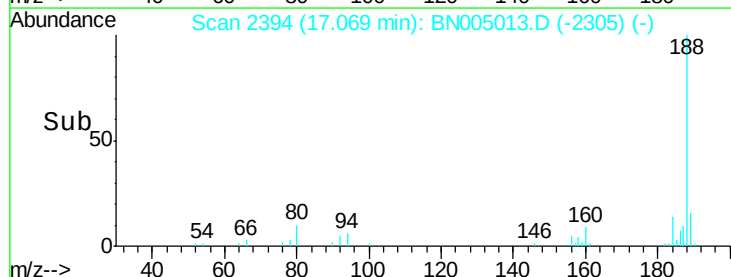
80 9.9 7.8 11.6

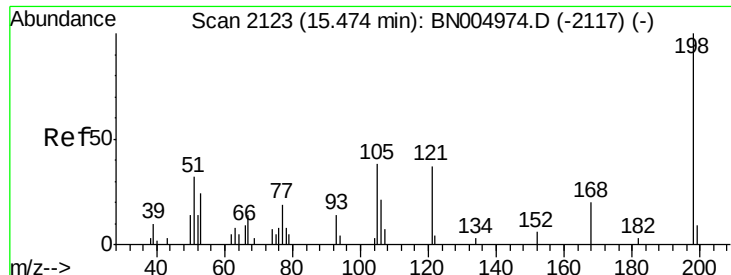


Abundance Ion 188.00 (187.70 to 188.70): BN004974.D (-2389) (-)

Ion 94.00 (93.70 to 94.70): BN004974.D (-2389) (-)

Ion 80.00 (79.70 to 80.70): BN004974.D (-2389) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 36.960 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

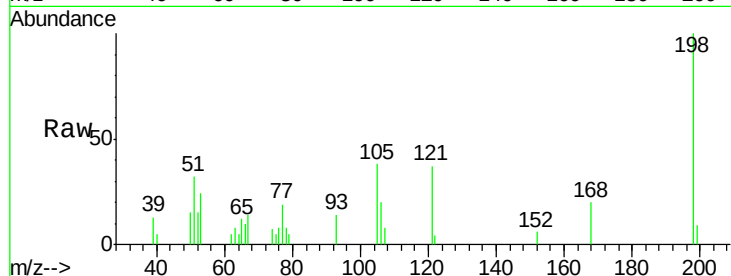
Tot Ion:198 Resp: 9471

Ion Ratio Lower Upper

198 100

51 32.3 12.0 52.0

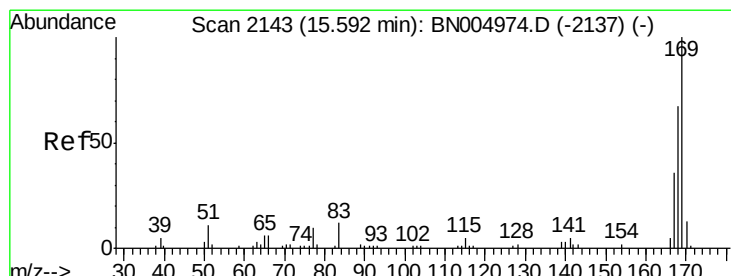
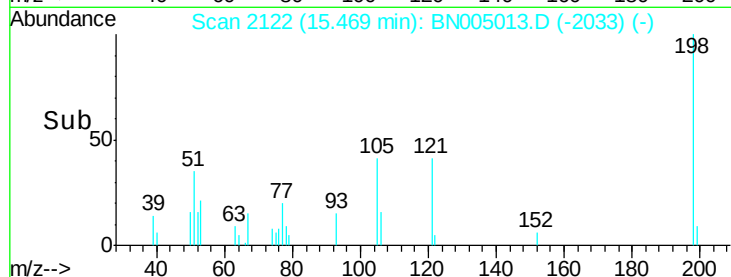
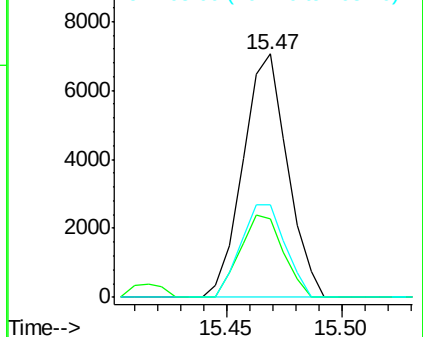
105 37.9 17.6 57.6



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: 43.250 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

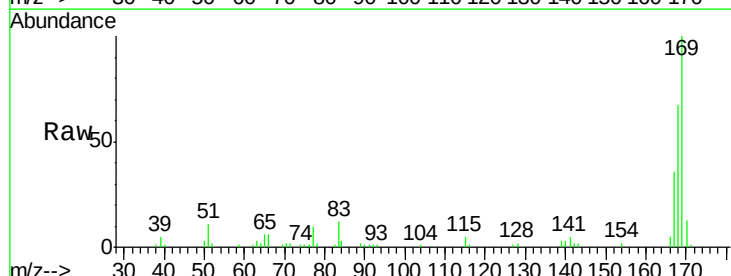
Tgt Ion:169 Resp: 53047

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.2

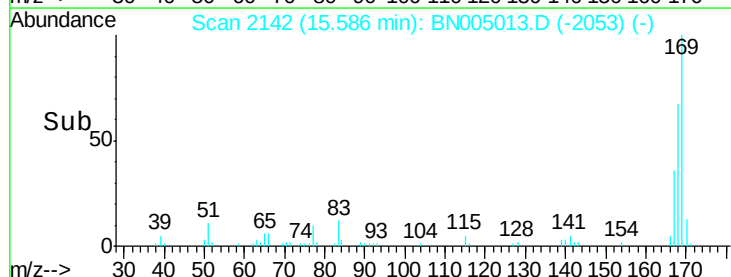
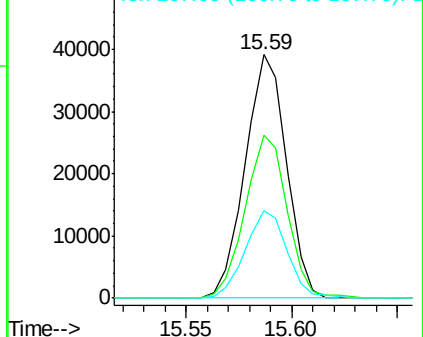
167 36.0 28.9 43.3

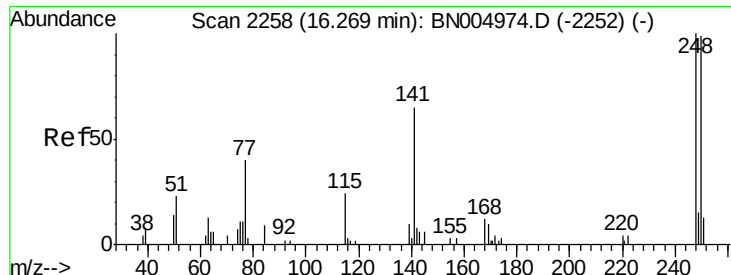


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

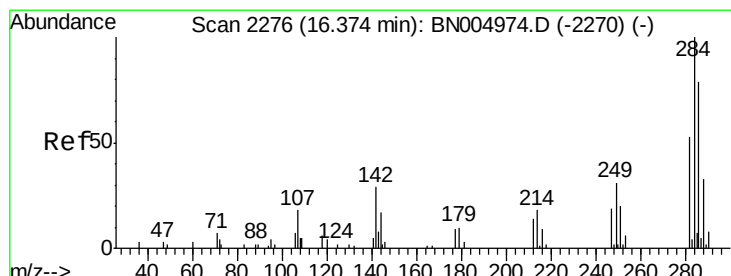
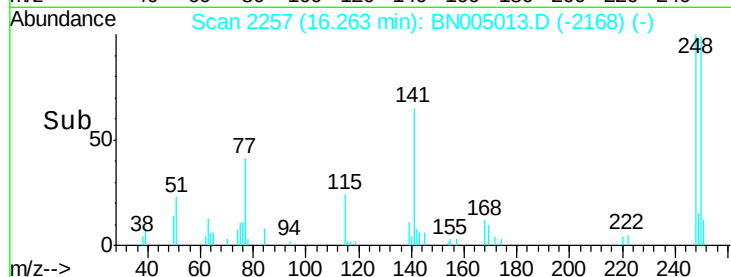
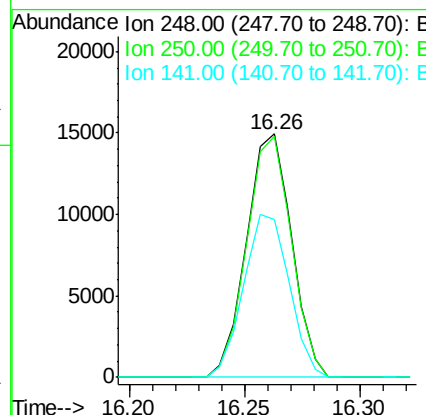
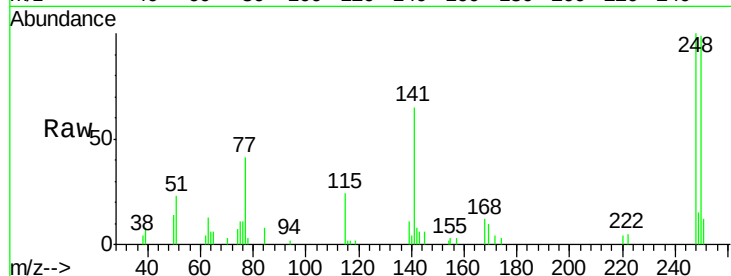




#67
4-Bromophenyl-phenylether
Concen: 41.985 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

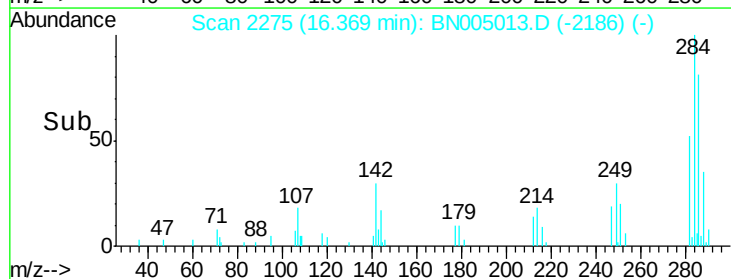
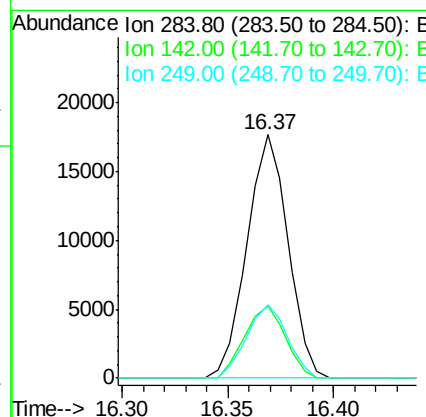
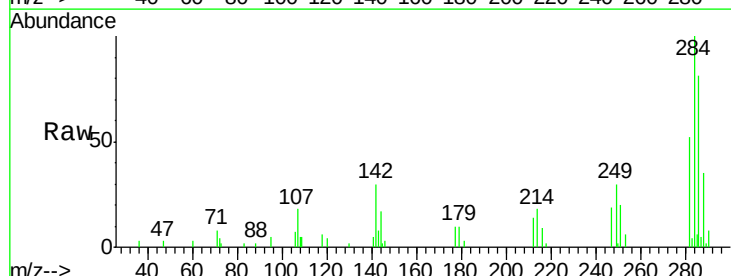
Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

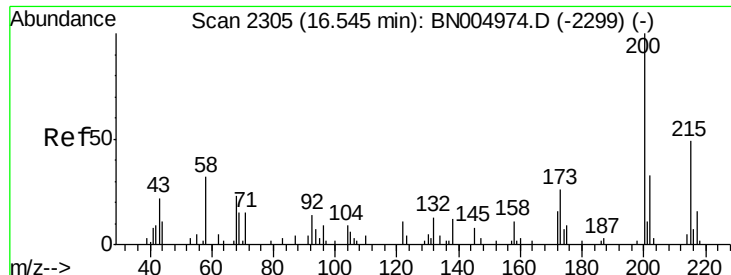
Tot Ion:248 Resp: 20401
Ion Ratio Lower Upper
248 100
250 98.8 79.4 119.2
141 64.6 52.3 78.5



#68
Hexachlorobenzene
Concen: 41.828 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:284 Resp: 23812
Ion Ratio Lower Upper
284 100
142 29.8 23.5 35.3
249 30.2 24.5 36.7





#69

Atrazine

Concen: 38.900 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

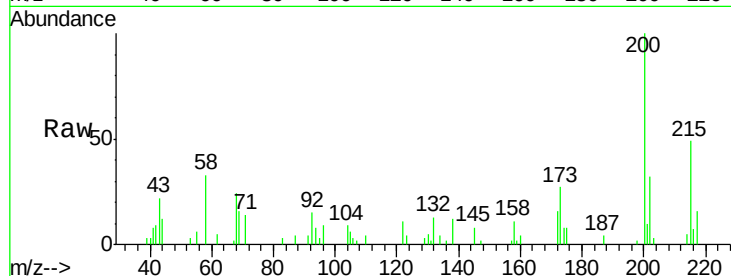
Tot Ion:200 Resp: 17046

Ion Ratio Lower Upper

200 100

173 26.9 6.4 46.4

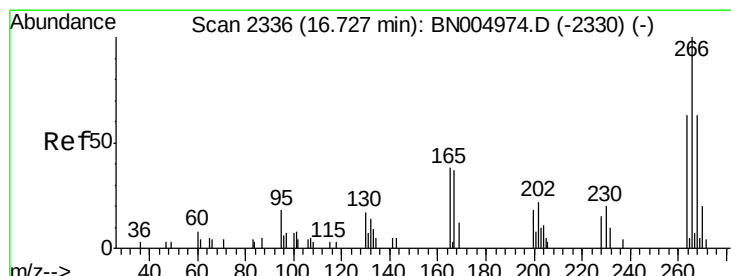
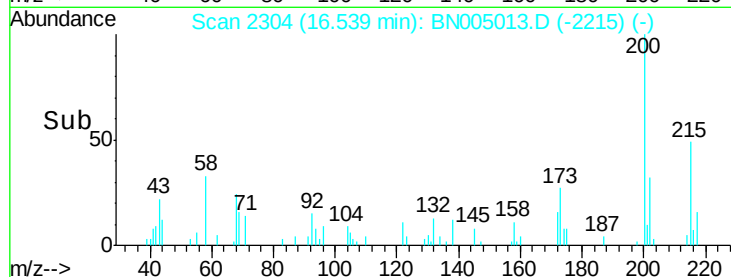
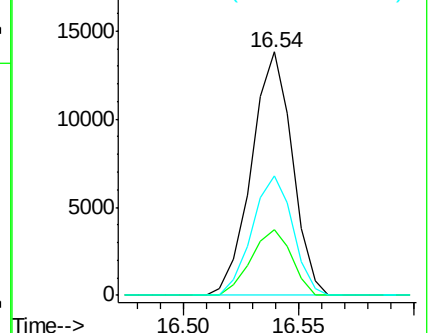
215 49.2 28.8 68.8



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: 75.226 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

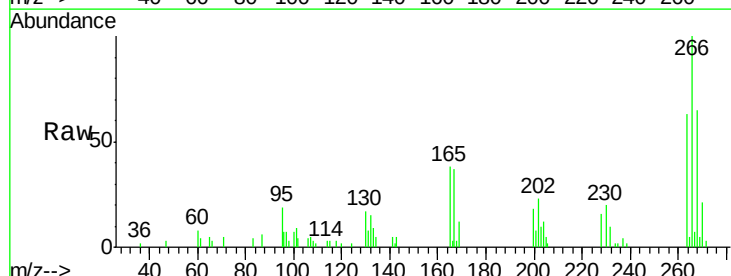
Tgt Ion:266 Resp: 22516

Ion Ratio Lower Upper

266 100

268 64.6 50.8 76.2

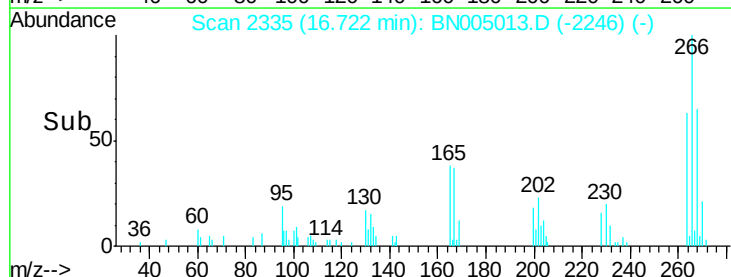
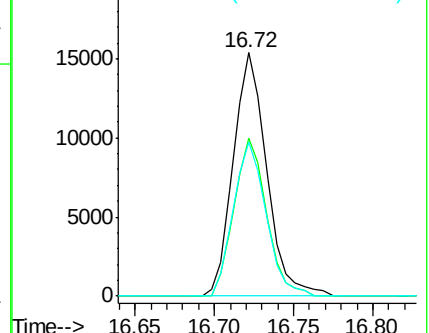
264 63.5 50.0 75.0

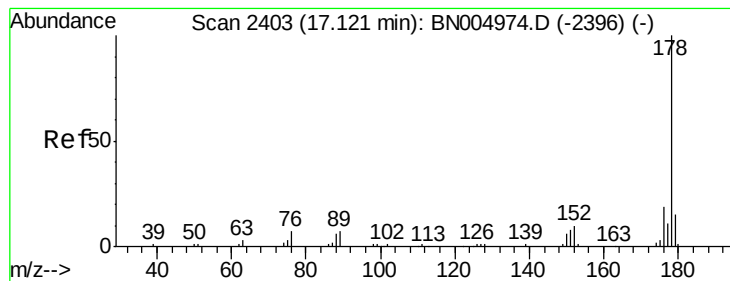


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.041 ng

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

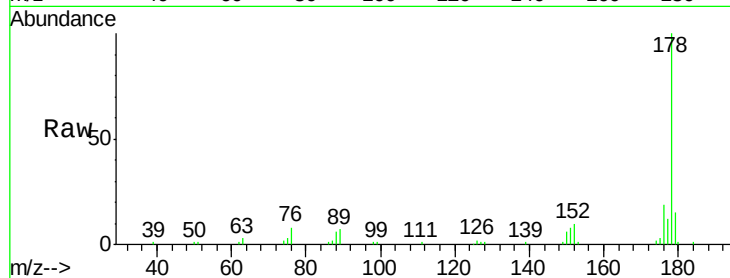
Tot Ion:178 Resp: 87605

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

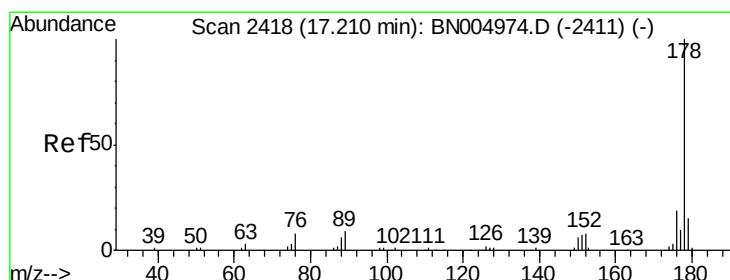
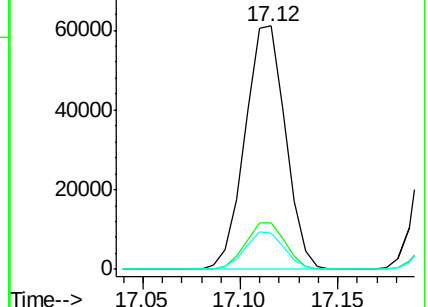
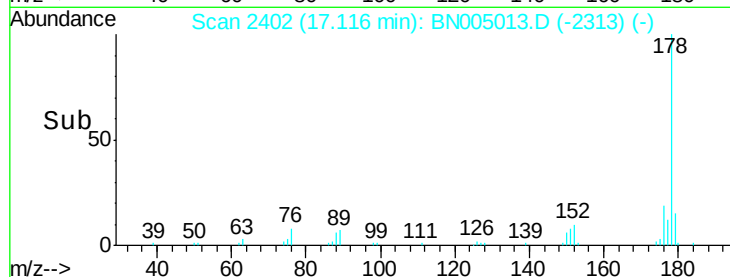
179 15.0 12.3 18.5



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: 41.066 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

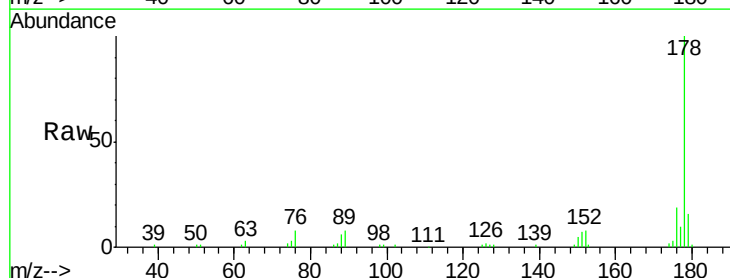
Tgt Ion:178 Resp: 89431

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

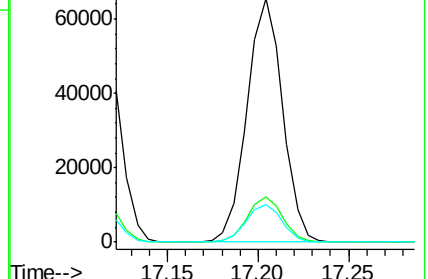
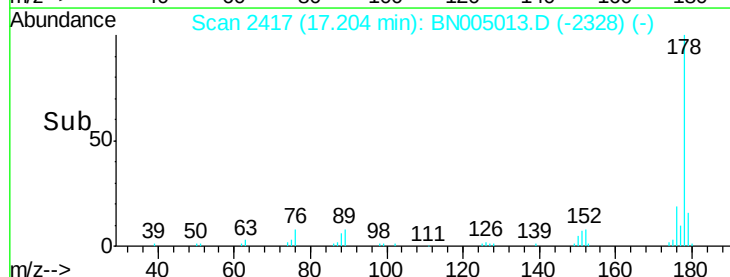
179 15.5 12.3 18.5

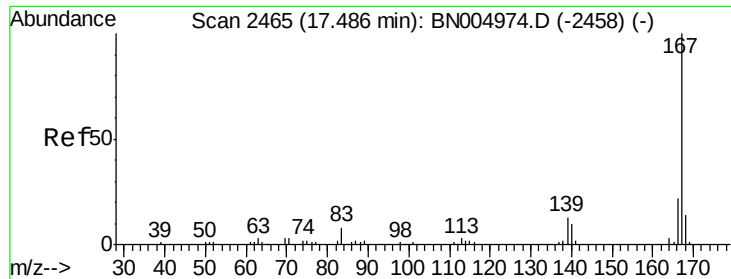


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

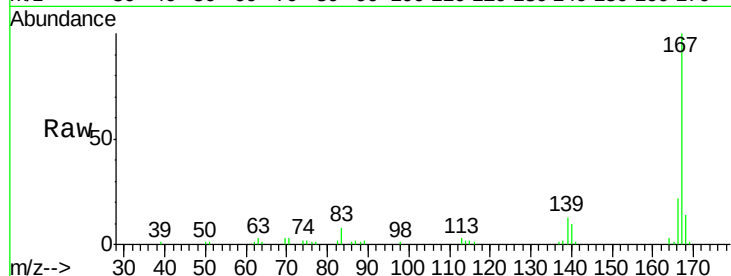




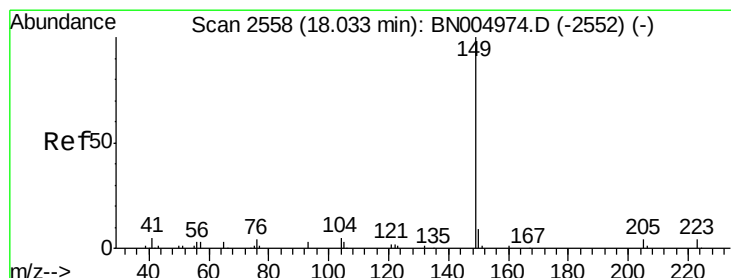
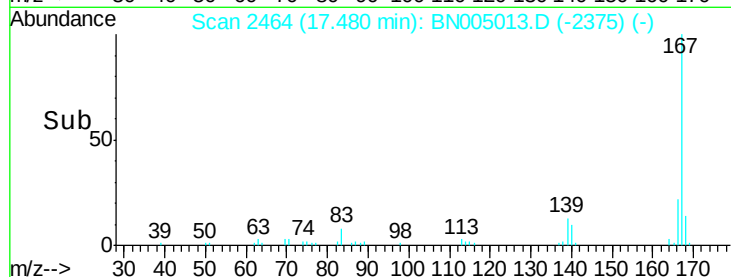
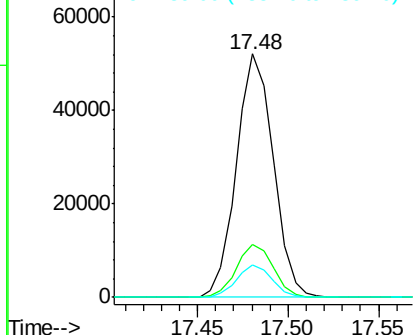
#73
 Carbazole
 Concen: 37.168 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

Tot Ion:167 Resp: 73675
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.2 10.6 16.0

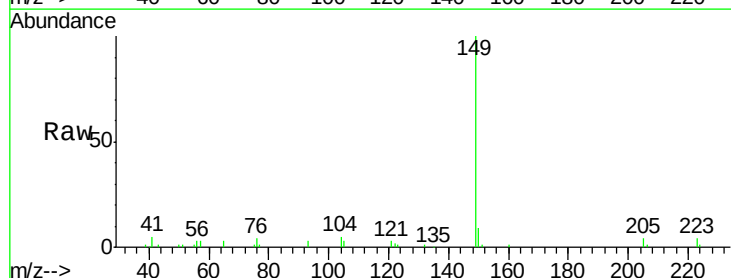


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

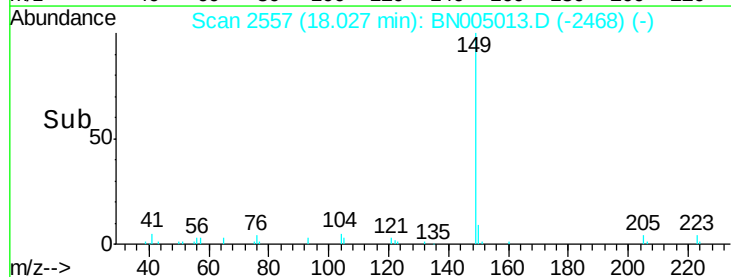
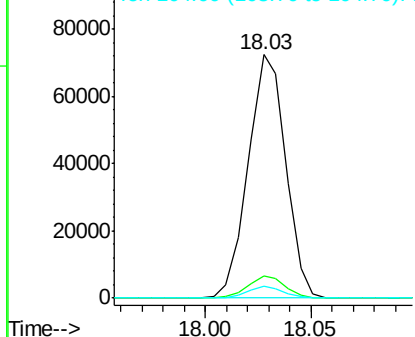


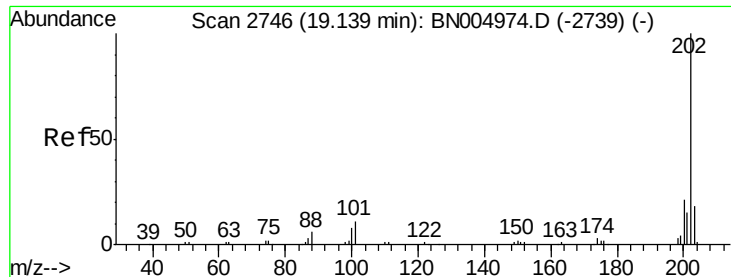
#74
 Di-n-butylphthalate
 Concen: 36.999 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:149 Resp: 89342
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.7 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: 35.397 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

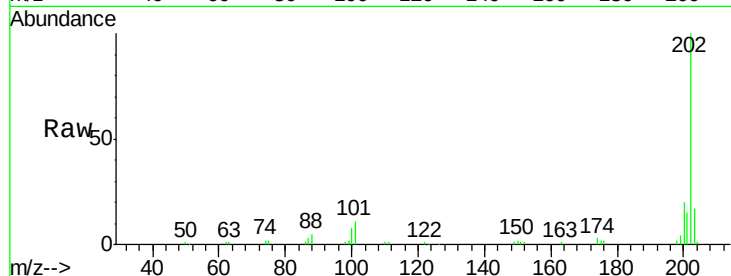
Tot Ion:202 Resp: 88350

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.1

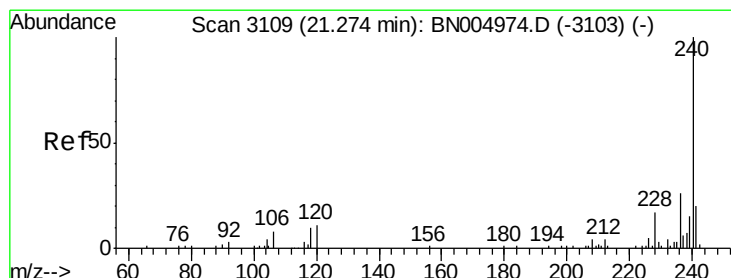
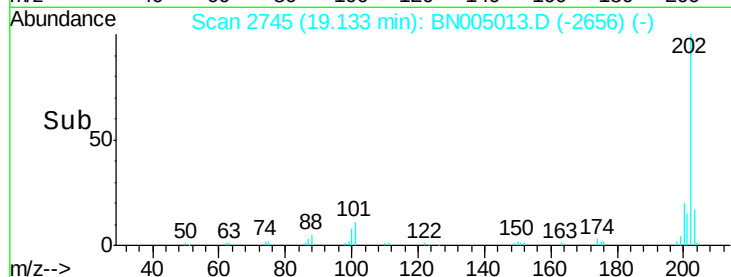
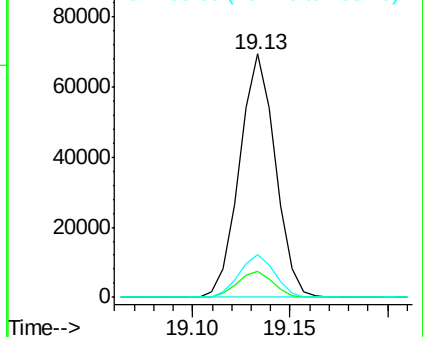
203 17.4 0.0 37.5



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

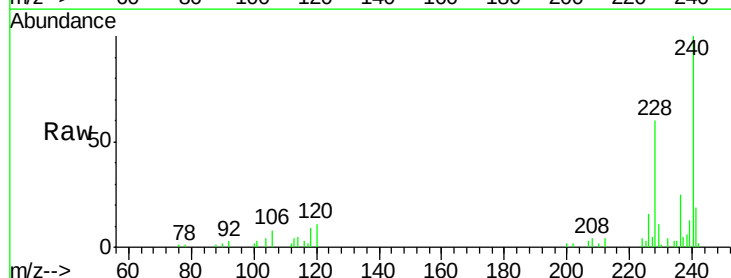
Tgt Ion:240 Resp: 30611

Ion Ratio Lower Upper

240 100

120 10.8 8.5 12.7

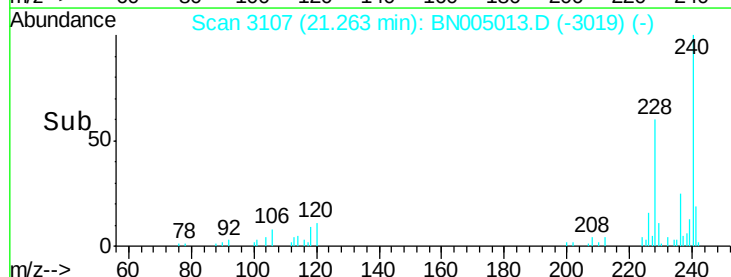
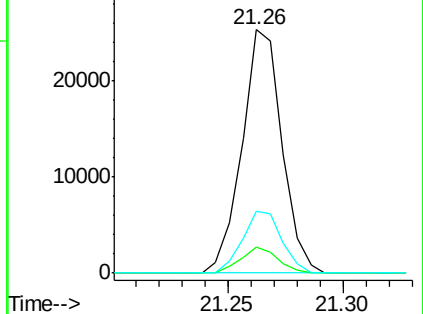
236 25.3 21.2 31.8

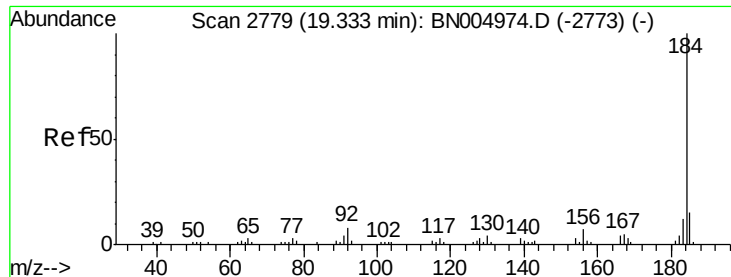


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.346 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

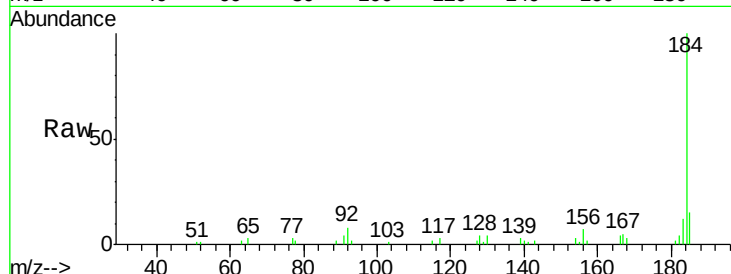
Tot Ion:184 Resp: 34673

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

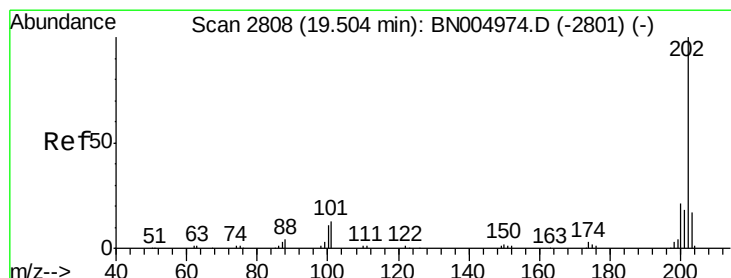
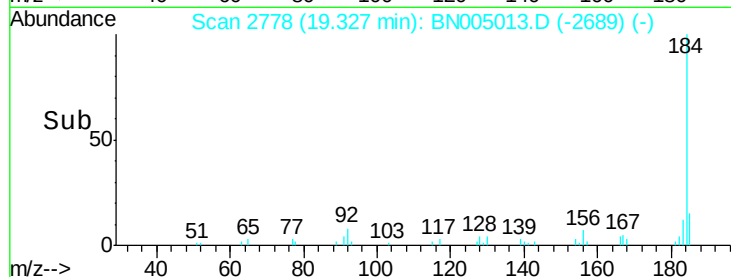
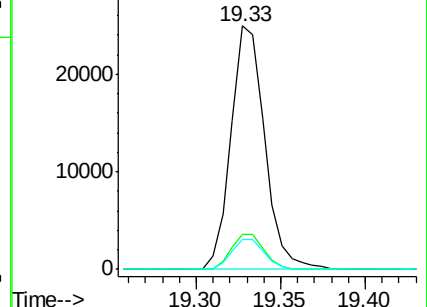
183 12.5 9.9 14.9



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: 43.180 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

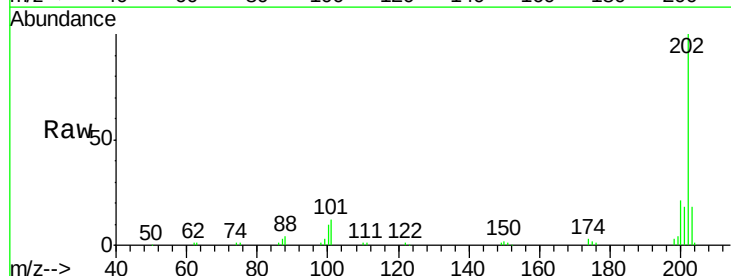
Tgt Ion:202 Resp: 88258

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

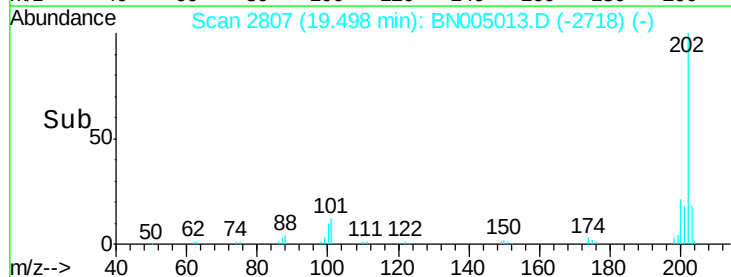
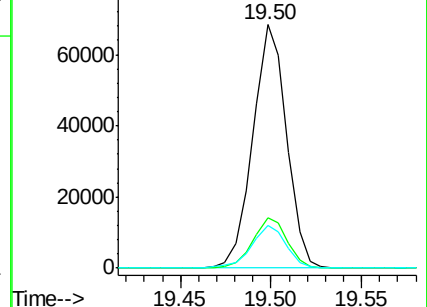
203 17.5 14.0 21.0

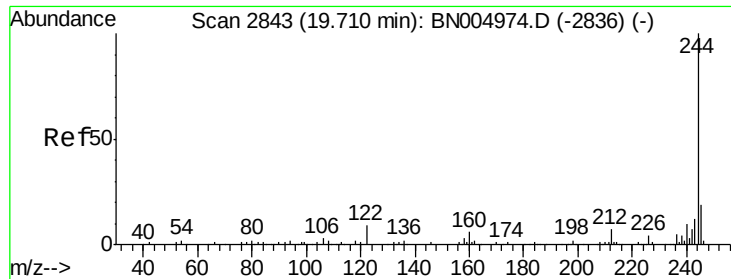


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.478 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

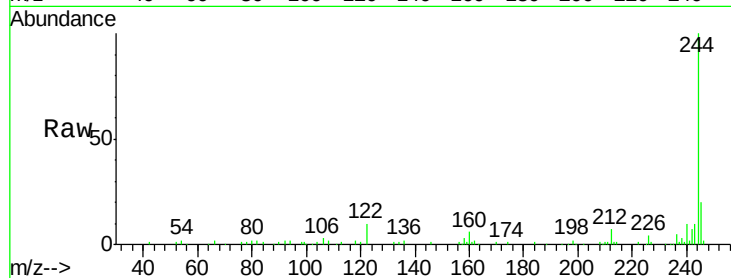
Tot Ion:244 Resp: 134318

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

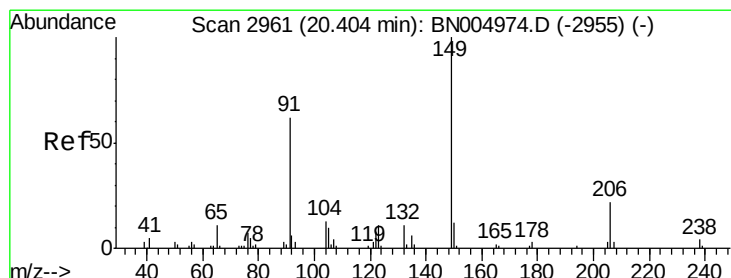
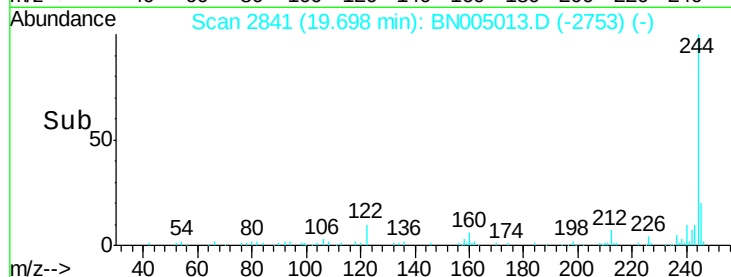
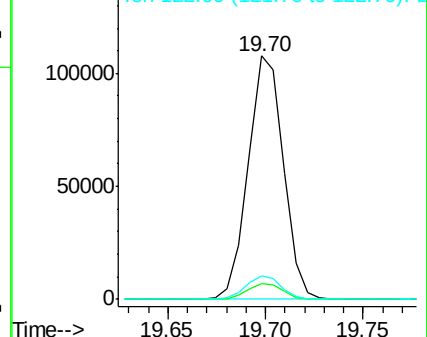
122 9.9 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.727 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

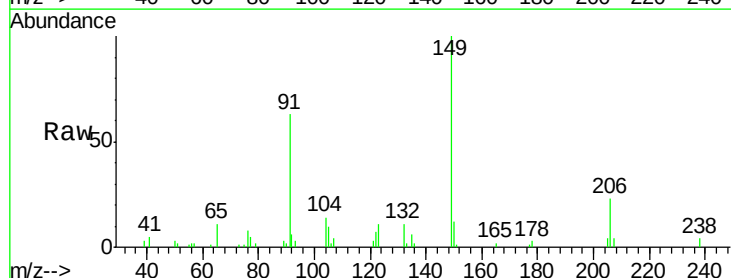
Tgt Ion:149 Resp: 32164

Ion Ratio Lower Upper

149 100

91 63.1 49.3 73.9

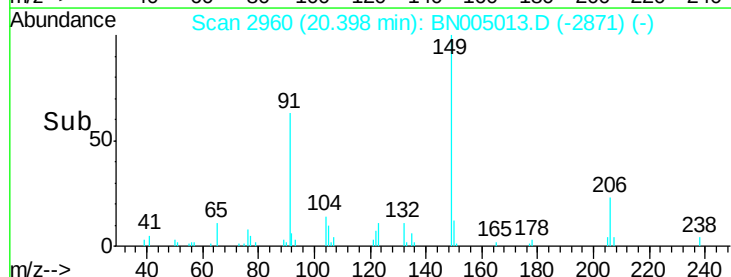
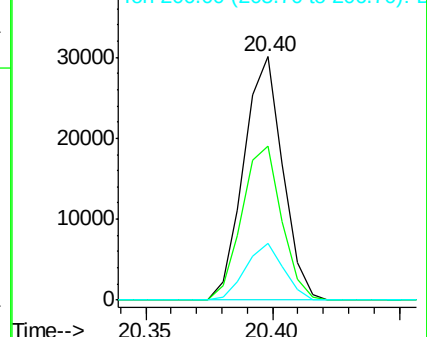
206 23.3 17.9 26.9

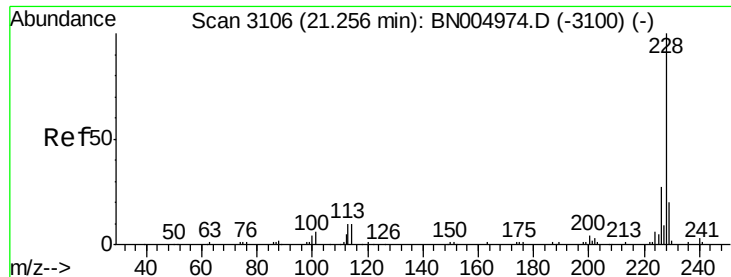


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.538 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

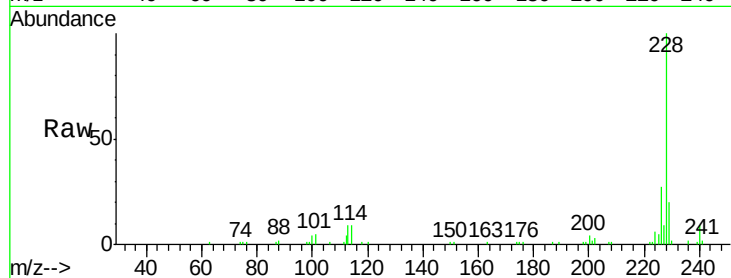
Tot Ion:228 Resp: 73483

Ion Ratio Lower Upper

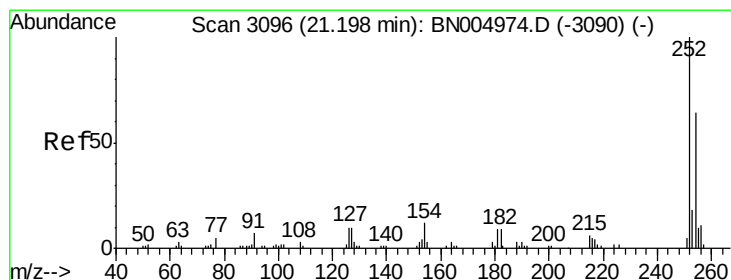
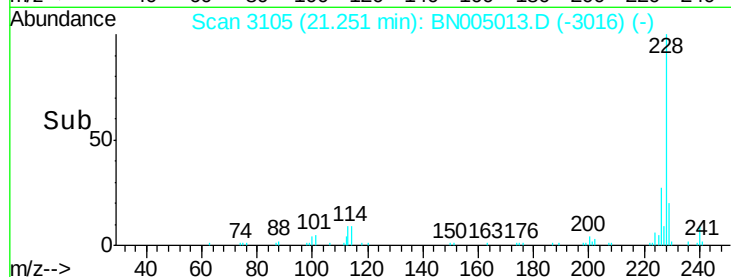
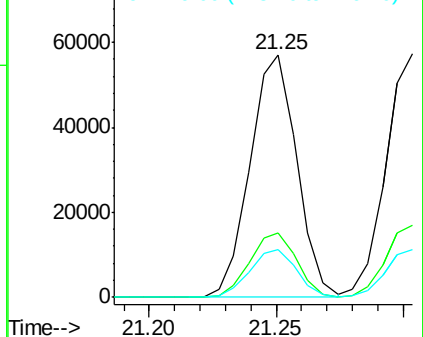
228 100

226 26.8 21.8 32.6

229 19.6 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: 24.619 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

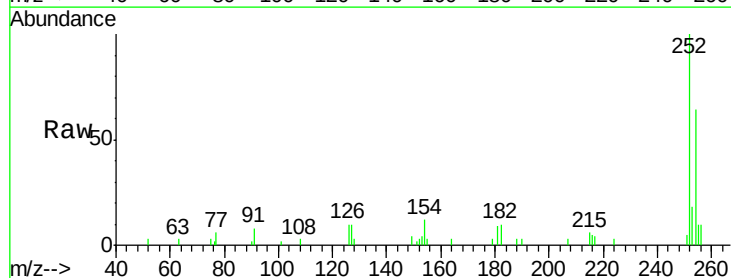
Tgt Ion:252 Resp: 17554

Ion Ratio Lower Upper

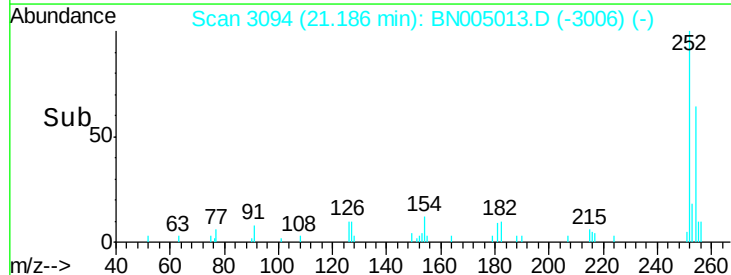
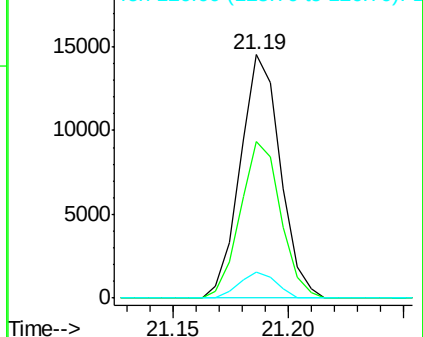
252 100

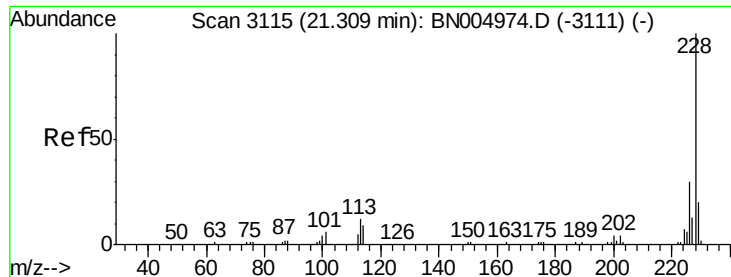
254 64.1 51.5 77.3

126 10.5 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

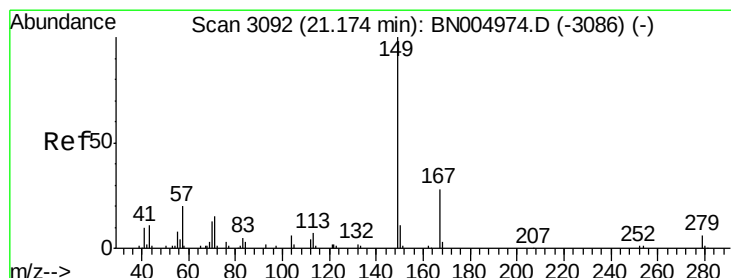
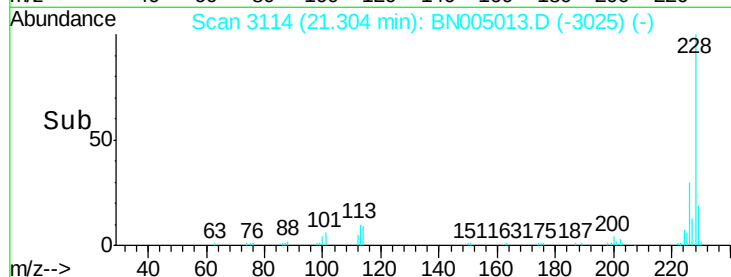
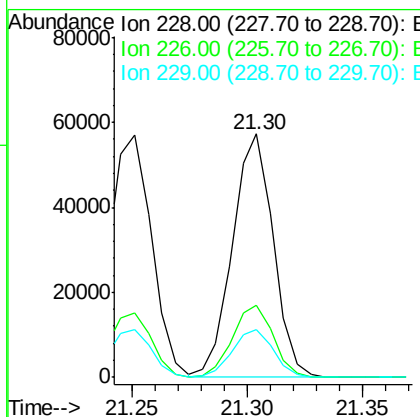
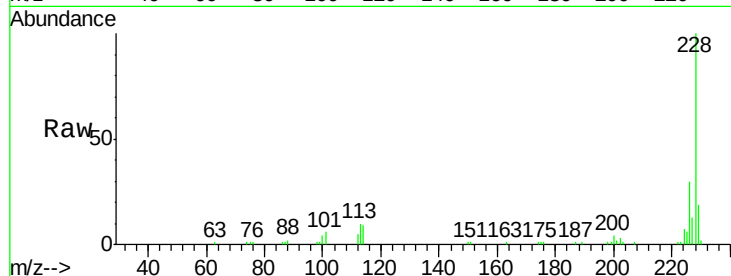




#83
 Chrysene
 Concen: 38.675 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

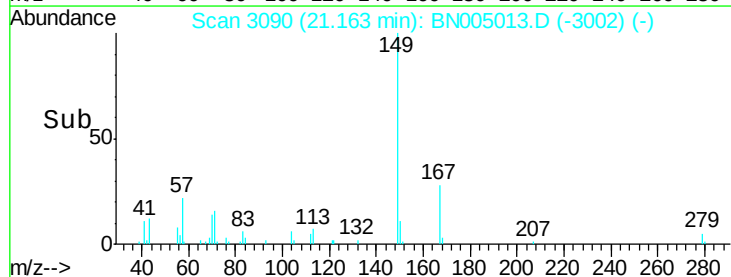
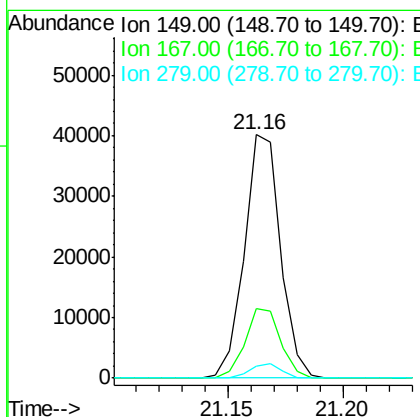
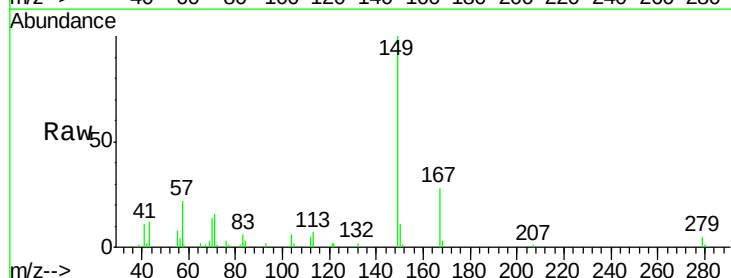
Instrument :
 BNA_N
 ClientSampleId :
 IDOC-S-04

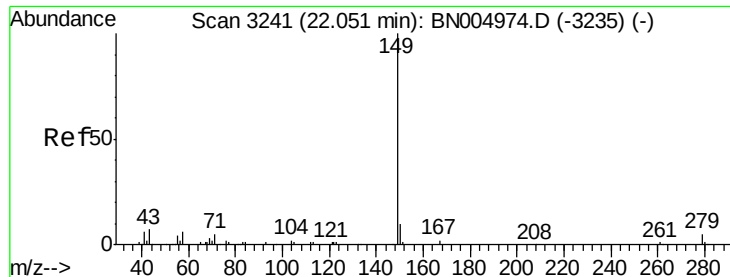
Tot Ion:228 Resp: 70438
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.2
 229 19.5 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.198 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BN005013.D
 Acq: 28 Mar 2019 02:24

Tgt Ion:149 Resp: 43894
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.5 33.7
 279 5.0 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 37.768 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

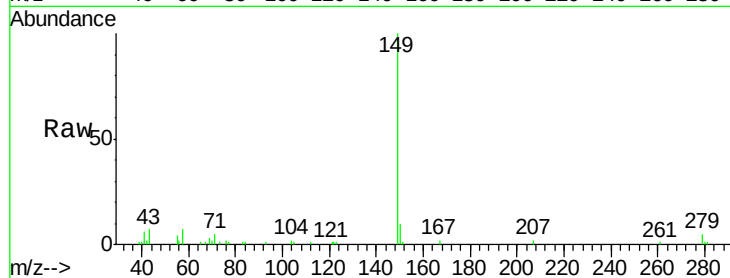
Tot Ion:149 Resp: 70040

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

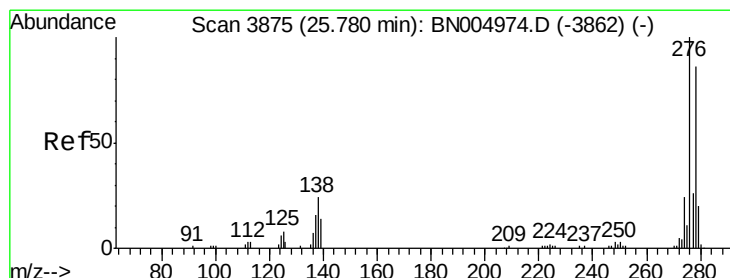
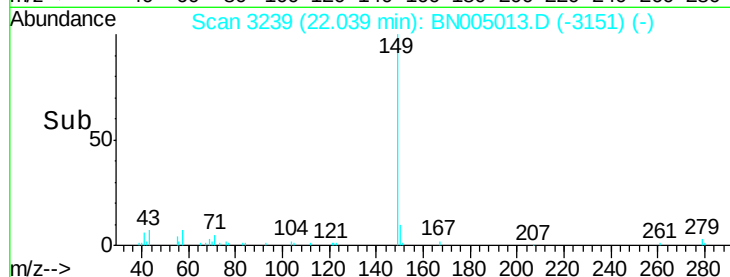
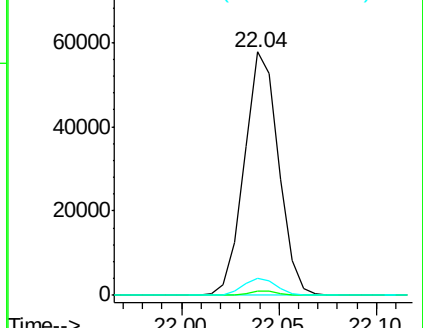
43 6.9 5.8 8.6



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: 39.570 ng

RT: 25.76 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

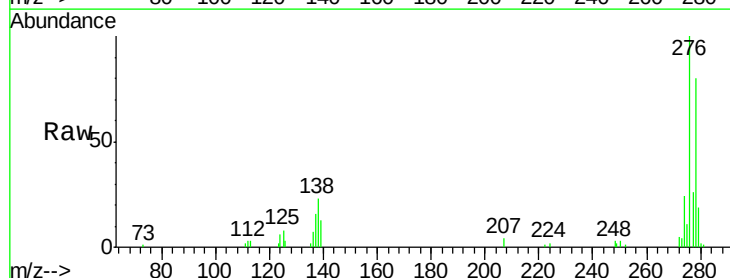
Tgt Ion:276 Resp: 81875

Ion Ratio Lower Upper

276 100

138 23.2 18.5 27.7

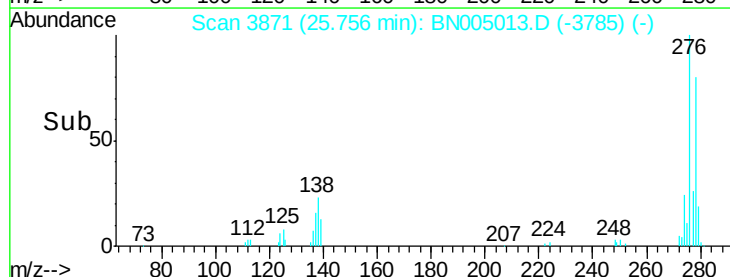
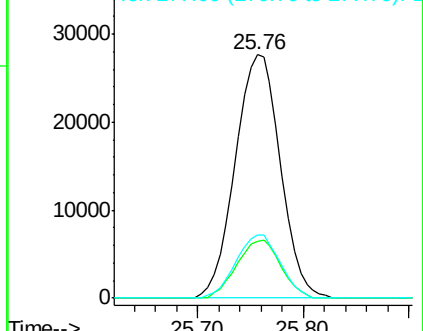
277 25.4 20.4 30.6

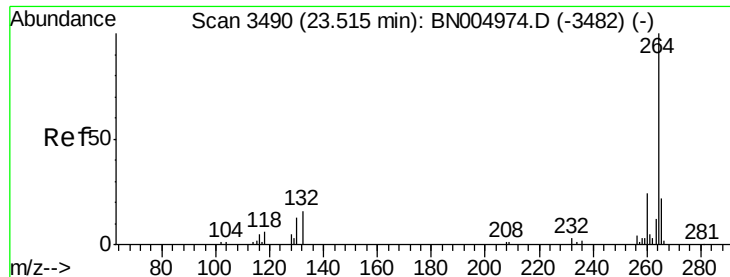


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



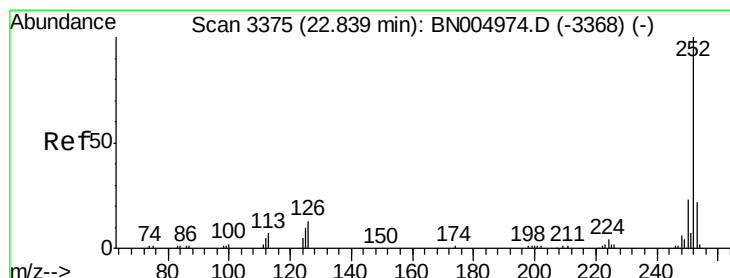
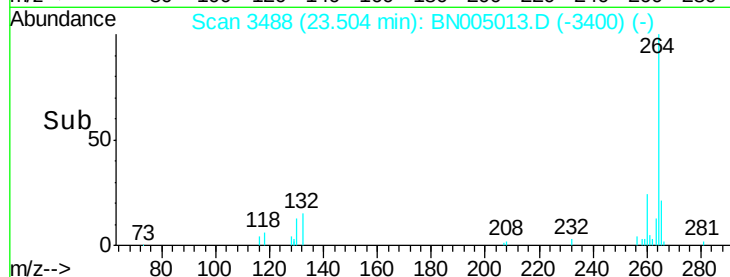
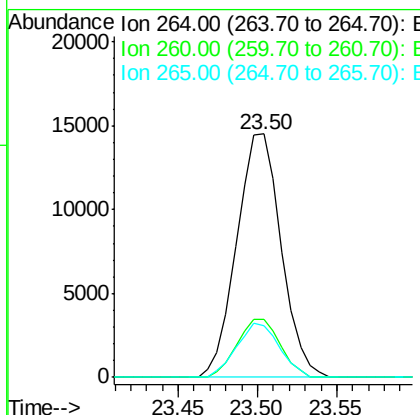
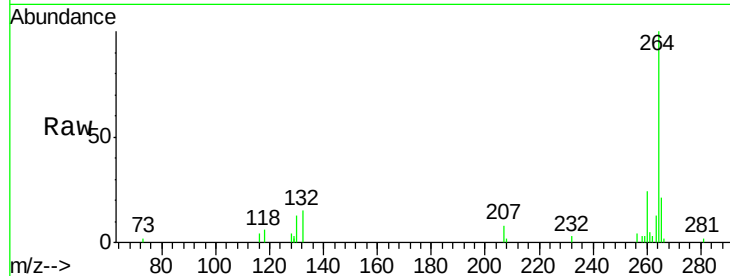


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Instrument :
BNA_N
ClientSampleId :
IDOC-S-04

Tot Ion:264 Resp: 28291

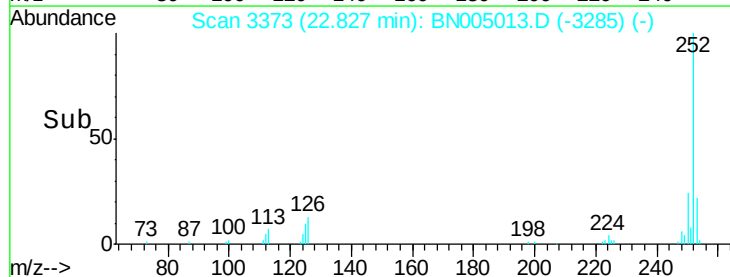
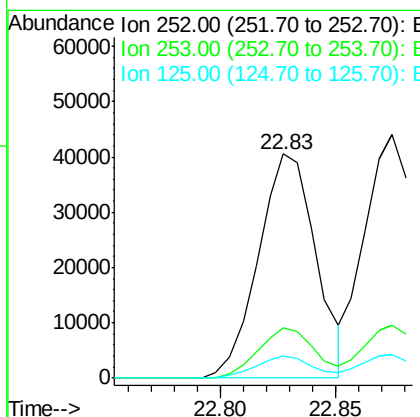
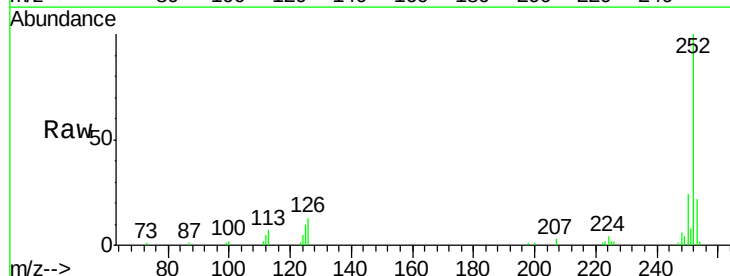
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.5	17.2	25.8

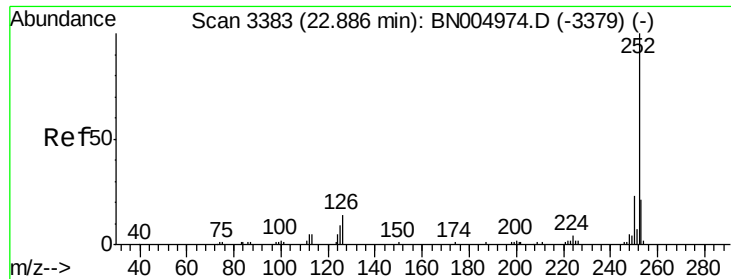


#88
Benzo(b)fluoranthene
Concen: 40.311 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BN005013.D
Acq: 28 Mar 2019 02:24

Tgt Ion:252 Resp: 70198

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.6	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 42.584 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

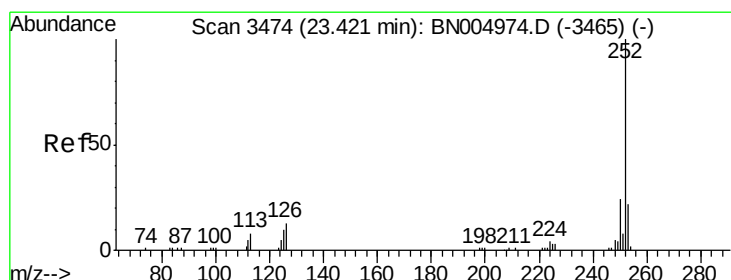
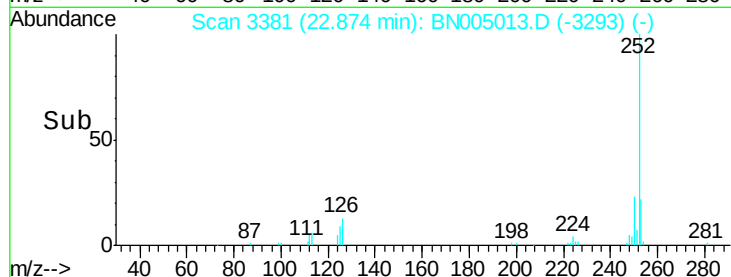
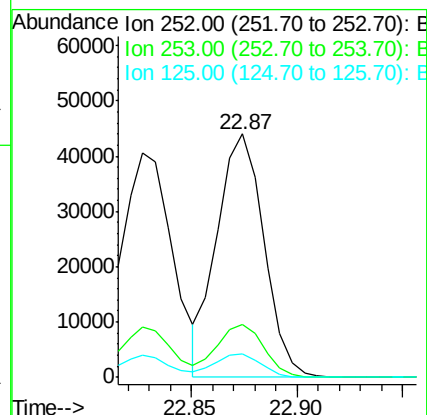
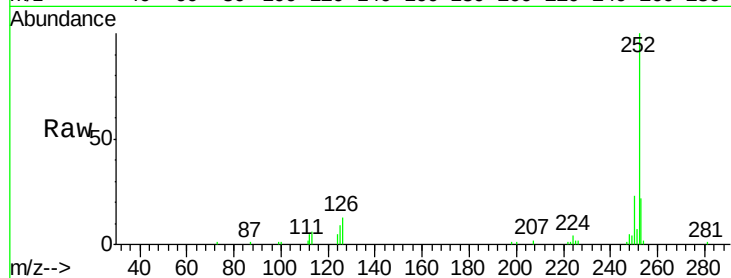
Tot Ion:252 Resp: 68002

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.4 7.6 11.4



#90

Benzo(a)pyrene

Concen: 42.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.02 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

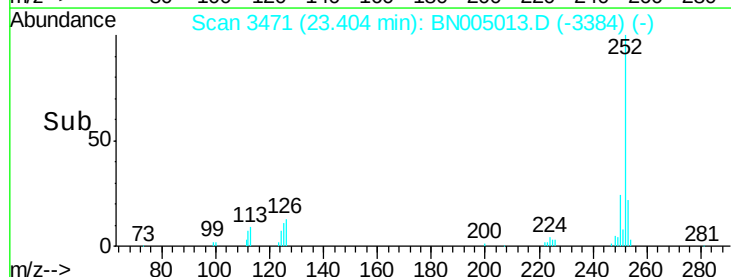
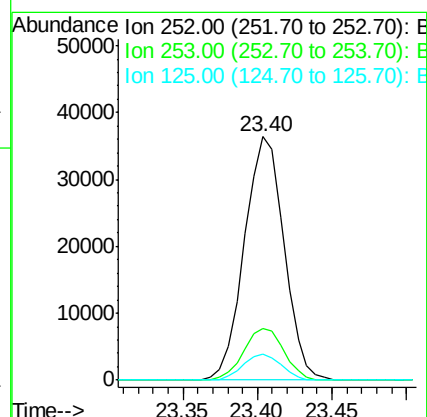
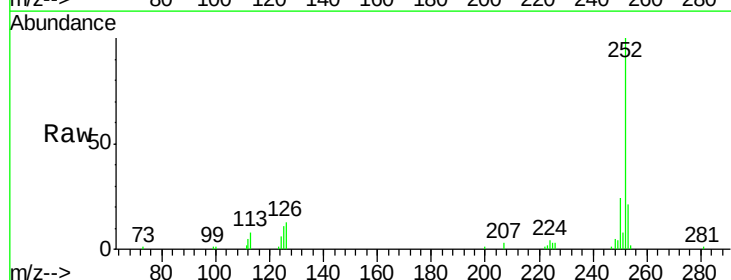
Tgt Ion:252 Resp: 66929

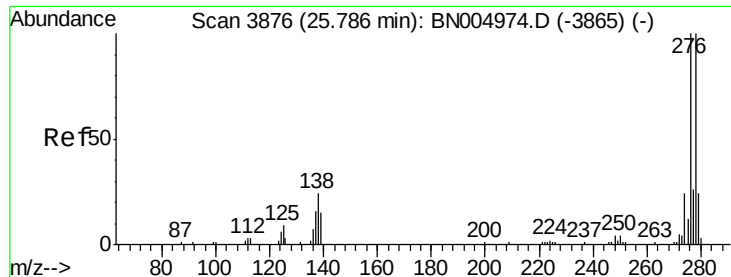
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 10.5 8.2 12.4





#91

Dibenzo(a,h)anthracene

Concen: 43.301 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.02 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA_N

ClientSampleId :

IDOC-S-04

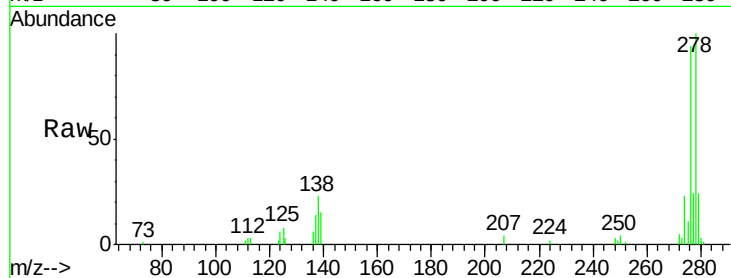
Tot Ion:278 Resp: 69273

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.8

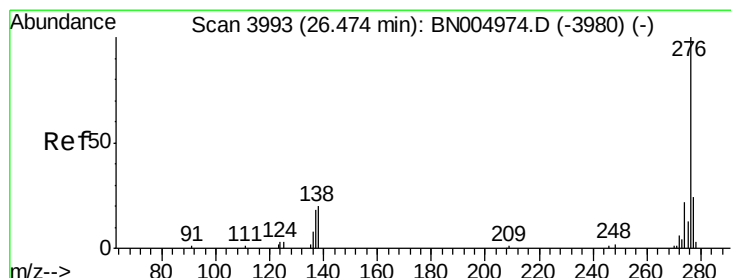
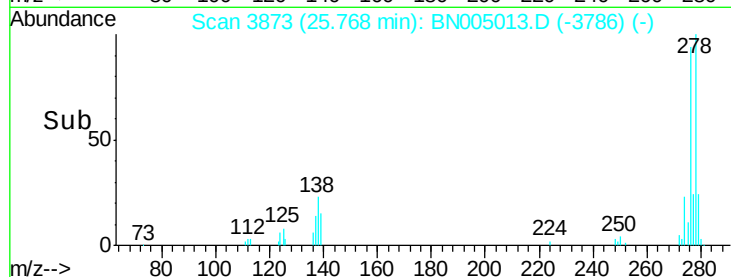
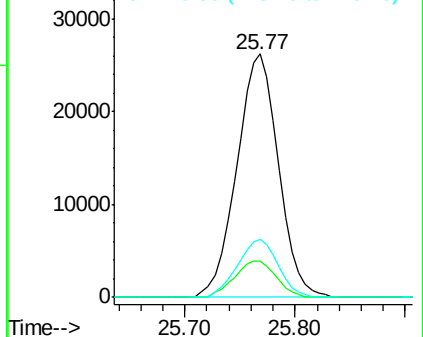
279 24.1 19.3 28.9



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: 43.835 ng

RT: 26.45 min Scan# 3989

Delta R.T. -0.02 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

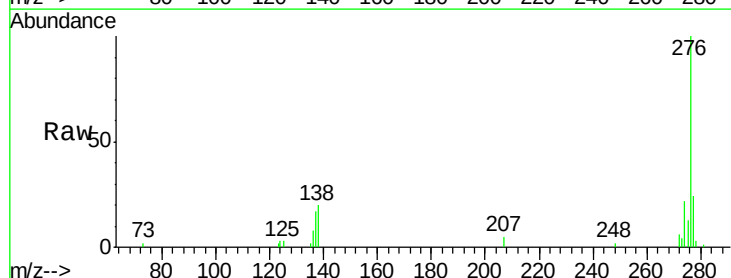
Tgt Ion:276 Resp: 69354

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 20.2 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

