

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
 Data File : BN000108.D
 Acq On : 15 Feb 2018 21:35
 Operator : JU/SJ
 Sample : J1161-09
 Misc : 5 PPM LOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 16 04:00:13 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 18:24:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	399696	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	1999931	20.00	ng	-0.01
38) Acenaphthene-d10	15.07	164	1203877	20.00	ng	-0.01
63) Phenanthrene-d10	17.79	188	2625289	20.00	ng	-0.01
75) Chrysene-d12	21.90	240	2774738	20.00	ng	-0.02
86) Perylene-d12	24.39	264	2895917	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.93	112	3249806	132.51	ng	-0.01
7) Phenol-d6	7.58	99	4686209	126.15	ng	-0.01
23) Nitrobenzene-d5	9.64	82	3377199	100.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.54	330	1590556	133.47	ng	-0.01
44) 2-Fluorobiphenyl	13.70	172	8255435	96.65	ng	-0.01
78) Terphenyl-d14	20.35	244	9931130	96.64	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	45146	4.57	ng	95
3) Pyridine	4.12	79	123187	4.01	ng	98
4) n-Nitrosodimethylamine	4.01	42	34078	3.92	ng	94
6) Aniline	7.76	93	206699	4.04	ng	# 89
8) 2-Chlorophenol	8.01	128	128169	4.47	ng	90
9) Benzaldehyde	7.58	77	72691	3.15	ng	96
10) Phenol	7.61	94	170718	4.35	ng	92
11) bis(2-Chloroethyl)ether	7.86	93	141626	4.39	ng	# 84
12) 1,3-Dichlorobenzene	8.35	146	150689	4.62	ng	96
13) 1,4-Dichlorobenzene	8.50	146	152694	4.59	ng	99
14) 1,2-Dichlorobenzene	8.82	146	151582	4.63	ng	92
15) Benzyl Alcohol	8.69	79	99970	3.74	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.99	45	153428	4.49	ng	81
17) 2-Methylphenol	8.89	107	111503	4.00	ng	97
18) Hexachloroethane	9.57	117	50202	4.33	ng	# 79
19) n-Nitroso-di-n-propylamine	9.26	70	93942	3.77	ng	# 82
20) 3+4-Methylphenols	9.22	107	148833	3.82	ng	91
22) Acetophenone	9.29	105	235523	4.20	ng	# 86
24) Nitrobenzene	9.68	77	181591	4.94	ng	# 93
25) Isophorone	10.20	82	257428	3.70	ng	96
26) 2-Nitrophenol	10.40	139	42017	9.56	ng	90
27) 2,4-Dimethylphenol	10.44	122	109734	3.64	ng	94
28) bis(2-Chloroethoxy)methane	10.68	93	186225	4.18	ng	95
29) 2,4-Dichlorophenol	10.93	162	94085	3.37	ng	91
30) 1,2,4-Trichlorobenzene	11.16	180	144342	4.49	ng	98
31) Naphthalene	11.35	128	498558	4.55	ng	98
32) Benzoic acid	10.48	122	31036	11.62	ng	# 78
33) 4-Chloroaniline	11.45	127	179268	3.72	ng	95
34) Hexachlorobutadiene	11.63	225	75095	4.51	ng	97
35) Caprolactam	12.17	113	28045	6.13	ng	94
36) 4-Chloro-3-methylphenol	12.53	107	118195	3.34	ng	97
37) 2-Methylnaphthalene	12.93	142	335652	4.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	158073	4.45	ng	# 96
40) Hexachlorocyclopentadiene	13.26	237	51705	3.49	ng	94

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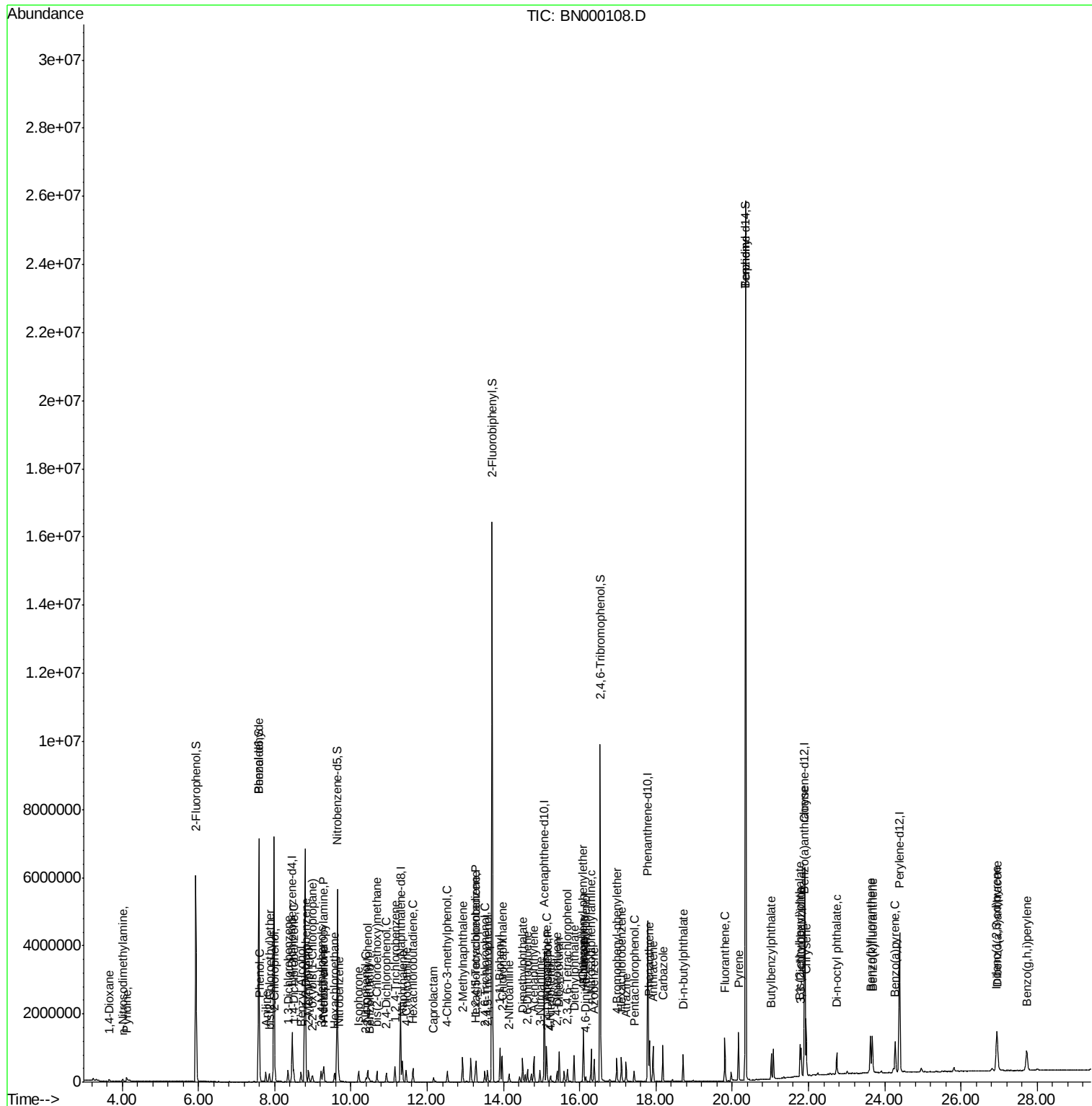
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	66560	3.13	nq	99
43) 2,4,5-Trichlorophenol	13.58	196	79802	3.12	nq	# 90
45) 1,1'-Biphenyl	13.91	154	502453	4.74	nq	98
46) 2-Chloronaphthalene	13.96	162	352401	4.43	nq	97
47) 2-Nitroaniline	14.15	65	57507	7.09	nq	86
48) Acenaphthylene	14.80	152	528904	4.13	nq	96
49) Dimethylphthalate	14.50	163	419064	4.16	nq	# 99
50) 2,6-Dinitrotoluene	14.63	165	62659	3.02	nq	93
51) Acenaphthene	15.13	154	363635	4.36	nq	97
52) 3-Nitroaniline	14.96	138	75842	3.00	nq	# 95
53) 2,4-Dinitrophenol	15.16	184	14015	10.91	nq	# 13
54) Dibenzofuran	15.46	168	537821	4.55	nq	96
55) 4-Nitrophenol	15.23	139	45175	7.02	nq	87
56) 2,4-Dinitrotoluene	15.40	165	75973	6.51	nq	96
57) Fluorene	16.10	166	437881	4.54	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.67	232	69196	3.42	nq	# 87
59) Diethylphthalate	15.85	149	411454	4.02	nq	96
60) 4-Chlorophenyl-phenylether	16.09	204	200882	4.57	nq	91
61) 4-Nitroaniline	16.10	138	77650	2.99	nq	87
62) Azobenzene	16.38	77	410102	4.03	nq	91
64) 4,6-Dinitro-2-methylphenol	16.16	198	25256	10.37	nq	88
65) n-Nitrosodiphenylamine	16.30	169	353177	4.13	nq	99
66) 4-Bromophenyl-phenylether	16.97	248	105564	4.23	nq	# 81
67) Hexachlorobenzene	17.09	284	127057	4.36	nq	# 84
68) Atrazine	17.22	200	87543	3.15	nq	96
69) Pentachlorophenol	17.43	266	48393	8.07	nq	99
70) Phenanthrene	17.83	178	717476	4.63	nq	99
71) Anthracene	17.92	178	632233	4.21	nq	99
72) Carbazole	18.18	167	629495	4.16	nq	96
73) Di-n-butylphthalate	18.71	149	544509	3.26	nq	# 98
74) Fluoranthene	19.80	202	694212	4.27	nq	94
76) Benzidine	20.35	184	178132	2.01	nq	95
77) Pyrene	20.16	202	781538	4.43	nq	99
79) Butylbenzylphthalate	21.02	149	197000	7.47	nq	98
80) Benzo(a)anthracene	21.89	228	762557	4.47	nq	97
81) 3,3'-Dichlorobenzidine	21.81	252	203393	3.25	nq	# 98
82) Chrysene	21.95	228	788603	4.64	nq	98
83) Bis(2-ethylhexyl)phthalate	21.78	149	316550	5.30	nq	# 92
84) Di-n-octyl phthalate	22.74	149	429822	8.29	nq	97
85) Indeno(1,2,3-cd)pyrene	26.93	276	827995	3.97	nq	# 86
87) Benzo(b)fluoranthene	23.63	252	730604	4.31	nq	# 95
88) Benzo(k)fluoranthene	23.67	252	745108	4.36	nq	# 94
89) Benzo(a)pyrene	24.27	252	678185	4.17	nq	# 93
90) Dibenzo(a,h)anthracene	26.95	278	701487	4.13	nq	# 91
91) Benzo(g,h,i)perylene	27.72	276	680390	3.96	nq	# 90

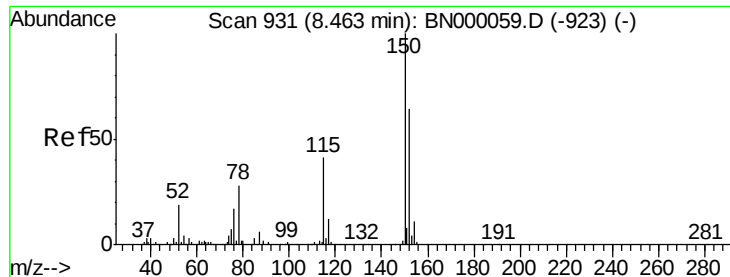
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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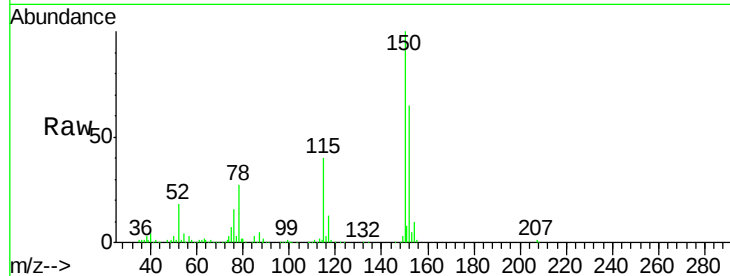


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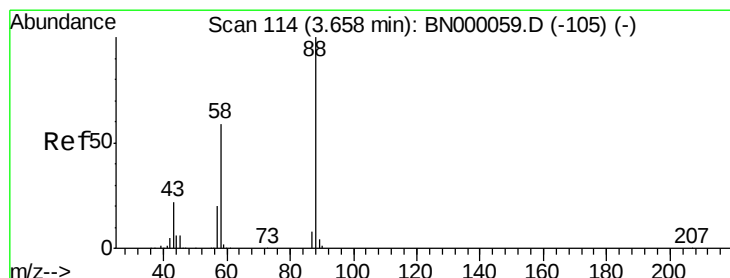
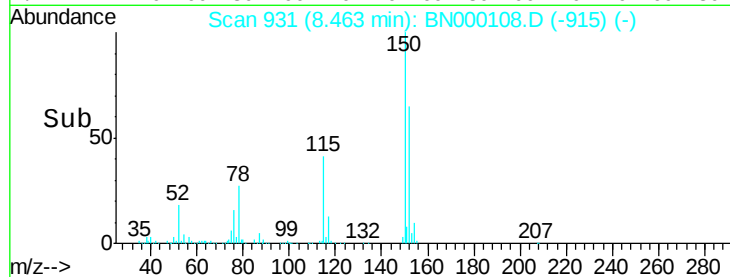
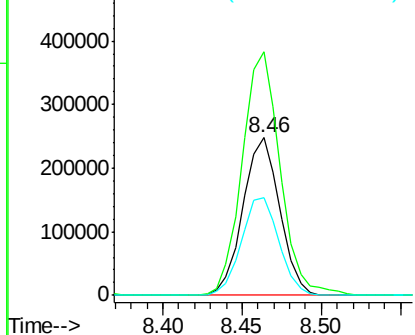
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.46 min Scan# 931
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 399696
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 62.4 53.0 79.4



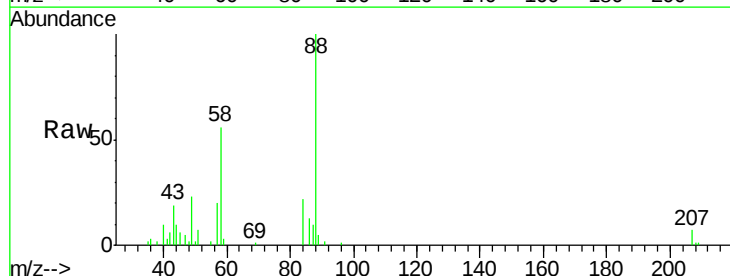
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



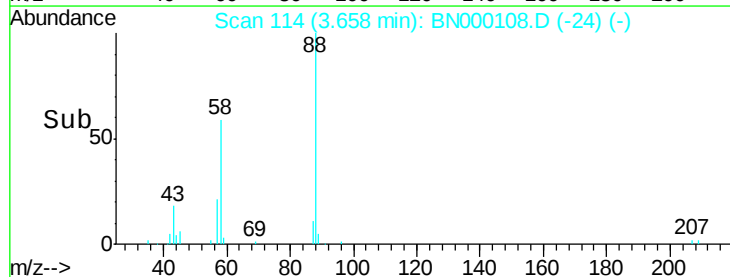
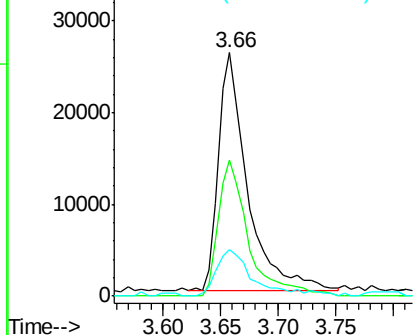
#2

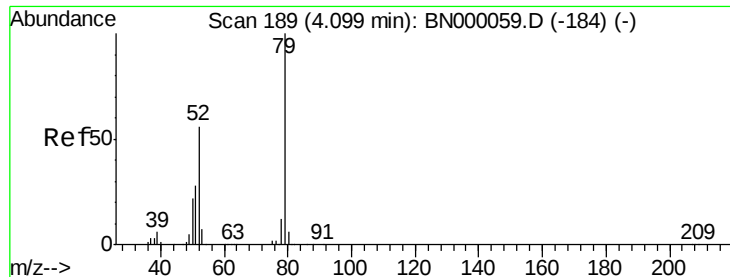
1,4-Dioxane
Concen: 4.57 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion: 88 Resp: 45146
Ion Ratio Lower Upper
88 100
58 59.4 52.0 78.0
43 25.1 20.0 30.0



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: 4.01 ng

RT: 4.12 min Scan# 192

Delta R.T. 0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

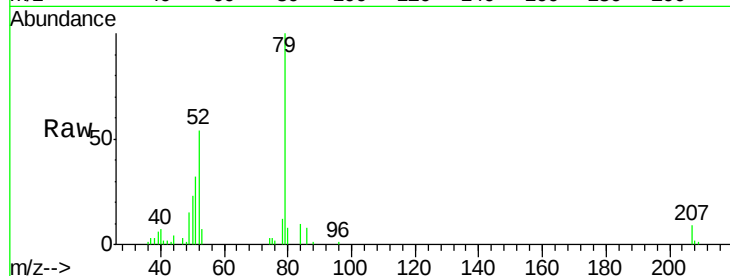
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 79 Resp: 123187

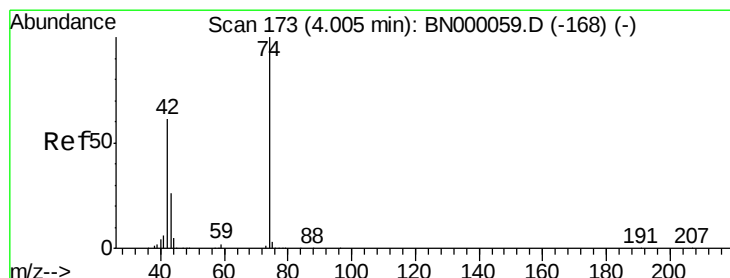
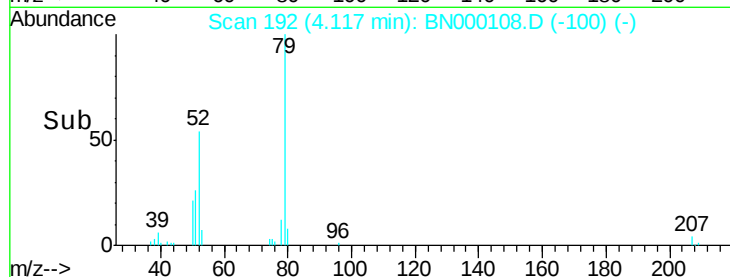
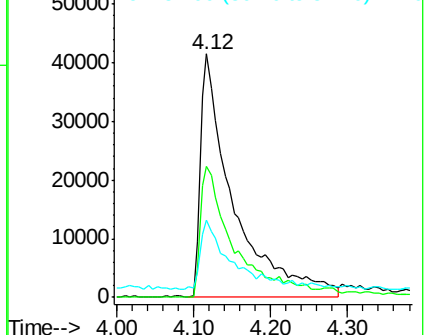
Ion	Ratio	Lower	Upper
79	100		
52	53.6	44.0	66.0
51	31.5	24.0	36.0



Abundance Ion 79.00 (78.70 to 79.70): BN000059.D (-184) (-)

Ion 52.00 (51.70 to 52.70): BN000059.D (-184) (-)

Ion 51.00 (50.70 to 51.70): BN000059.D (-184) (-)



#4

n-Nitrosodimethylamine

Concen: 3.92 ng

RT: 4.01 min Scan# 174

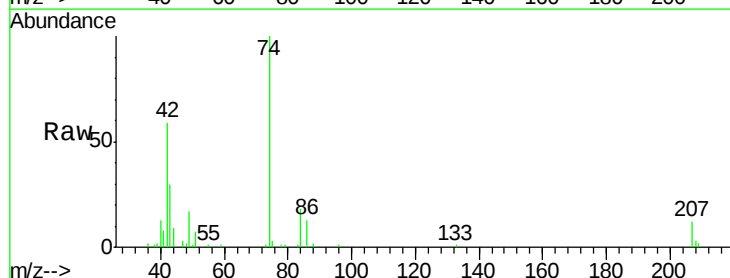
Delta R.T. 0.00 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion: 42 Resp: 34078

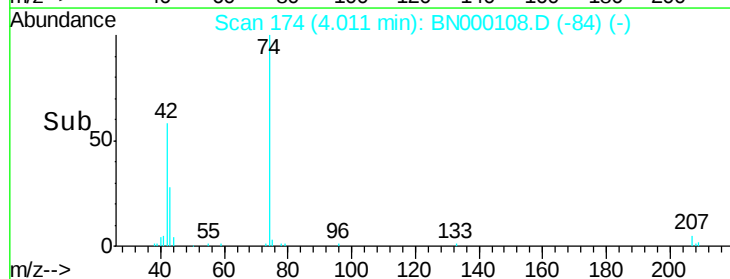
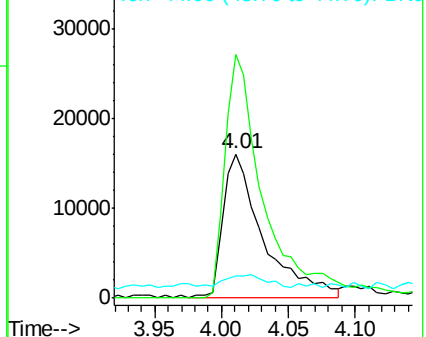
Ion	Ratio	Lower	Upper
42	100		
74	168.7	128.0	192.0
44	15.6	12.0	18.0

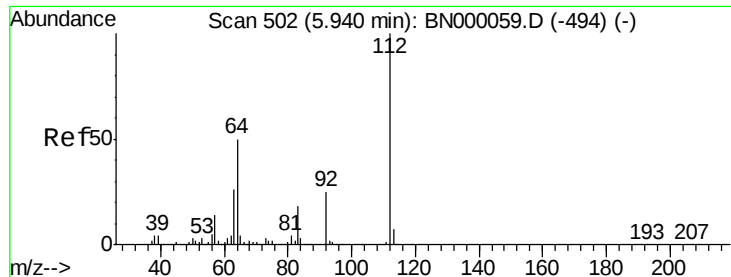


Abundance Ion 42.00 (41.70 to 42.70): BN000059.D (-168) (-)

Ion 74.00 (73.70 to 74.70): BN000059.D (-168) (-)

Ion 44.00 (43.70 to 44.70): BN000059.D (-168) (-)





#5

2-Fluorophenol

Concen: 132.51 ng

RT: 5.93 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

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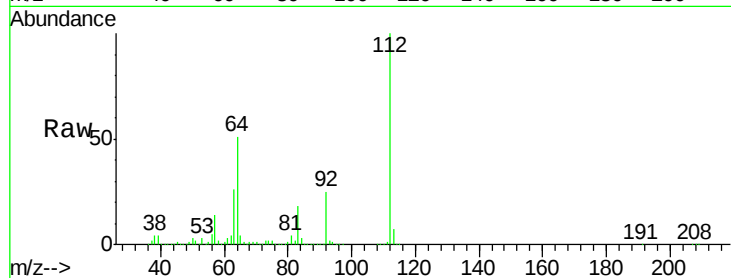
Tot Ion:112 Resp: 3249806

Ion Ratio Lower Upper

112 100

64 50.8 56.3 84.5#

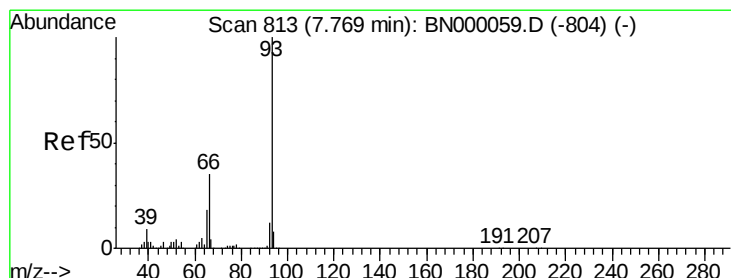
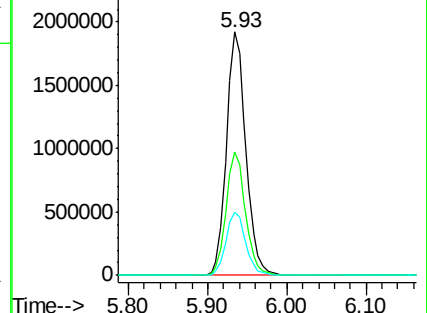
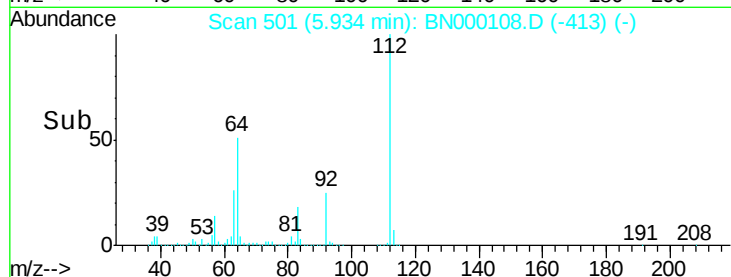
63 26.1 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 4.04 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

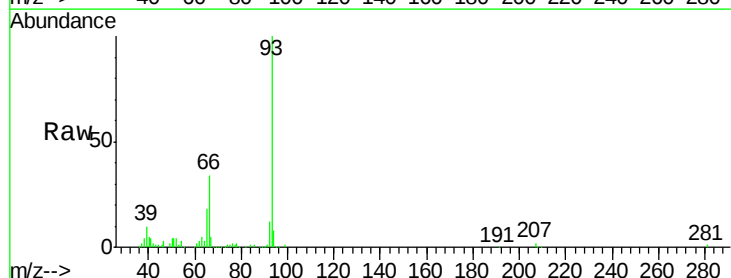
Tgt Ion: 93 Resp: 206699

Ion Ratio Lower Upper

93 100

66 33.5 33.7 50.5#

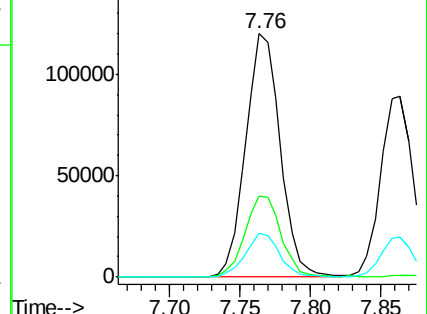
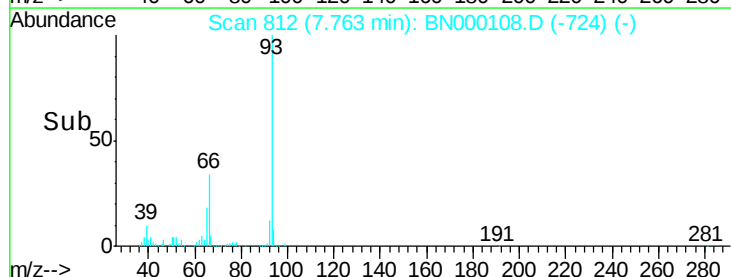
65 18.1 16.1 24.1

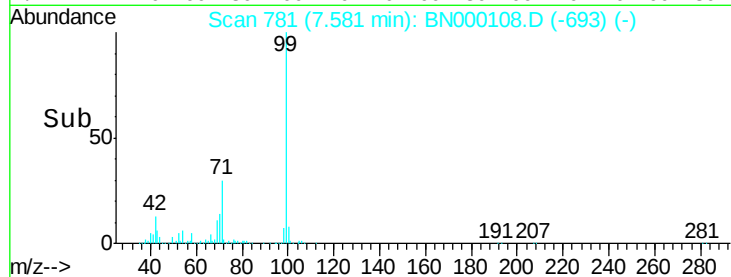
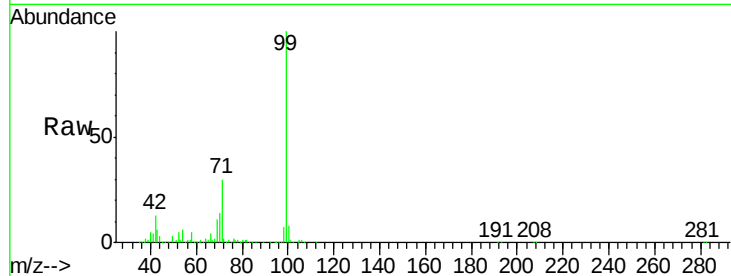
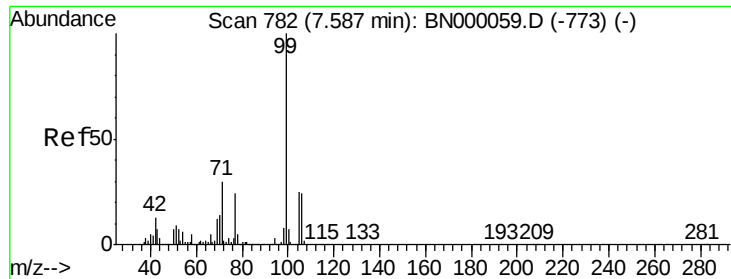


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 126.15 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.01 min

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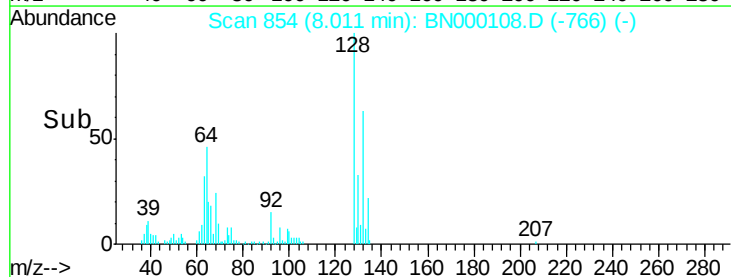
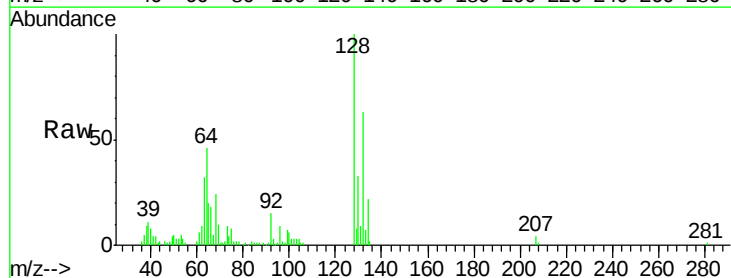
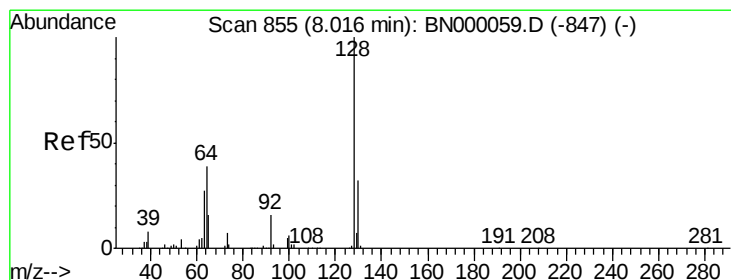
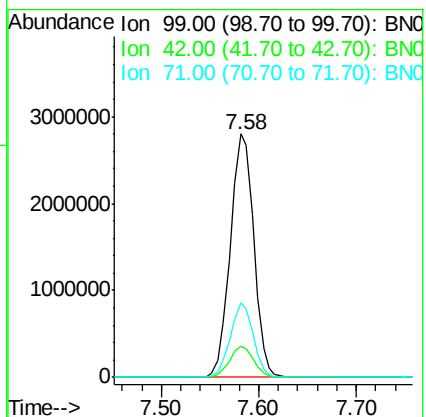
Tot Ion: 99 Resp: 4686209

Ion Ratio Lower Upper

99 100

42 12.7 14.1 21.1#

71 30.4 26.1 39.1



#8

2-Chlorophenol

Concen: 4.47 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

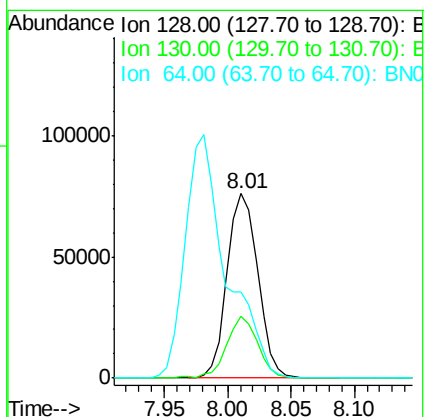
Tgt Ion: 128 Resp: 128169

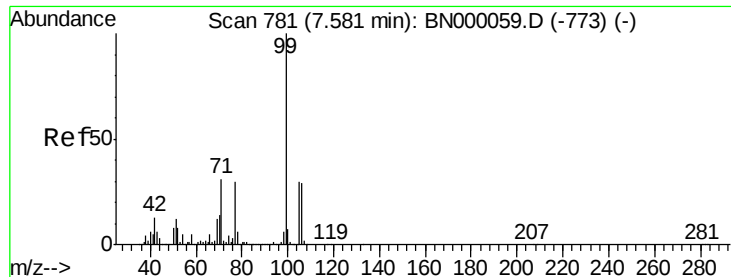
Ion Ratio Lower Upper

128 100

130 33.4 14.0 54.0

64 46.5 37.7 77.7





#9

Benzaldehyde

Concen: 3.15 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampled :

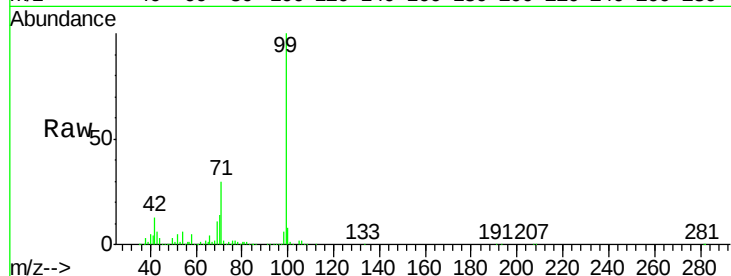
Tot Ion: 77 Resp: 72691

Ion Ratio Lower Upper

77 100

105 93.4 71.3 111.3

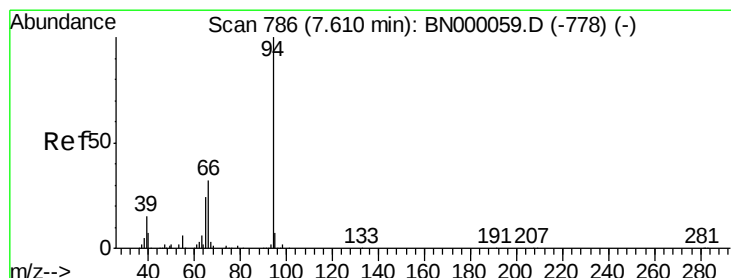
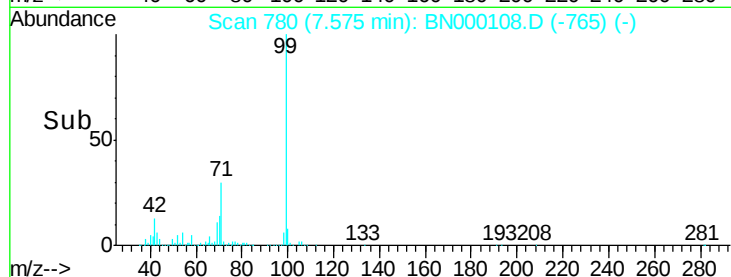
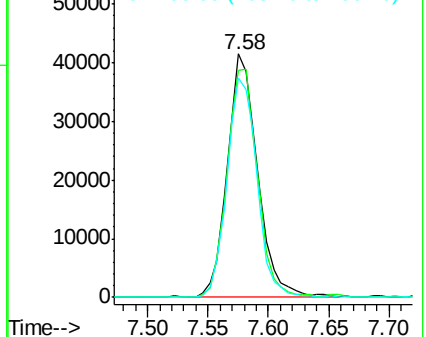
106 90.2 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BN000108.D (-698) (-)

Ion 105.00 (104.70 to 105.70): BN000108.D (-698) (-)

Ion 106.00 (105.70 to 106.70): BN000108.D (-698) (-)



#10

Phenol

Concen: 4.35 ng

RT: 7.61 min Scan# 786

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

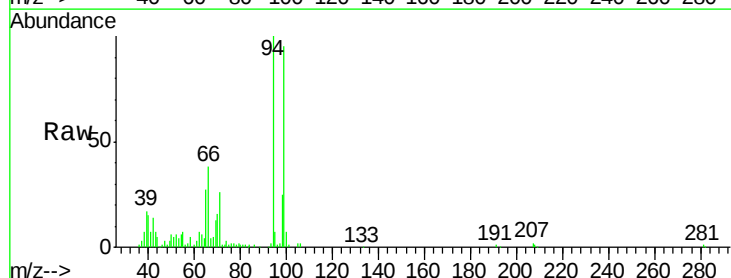
Tgt Ion: 94 Resp: 170718

Ion Ratio Lower Upper

94 100

65 27.3 11.9 51.9

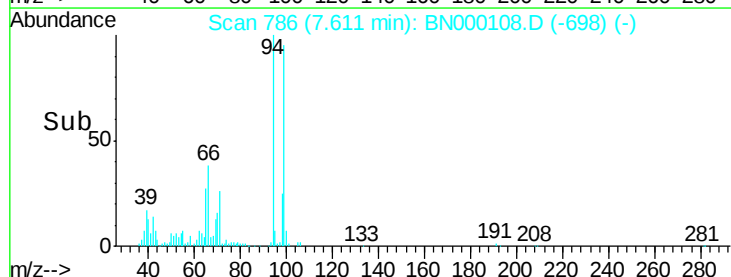
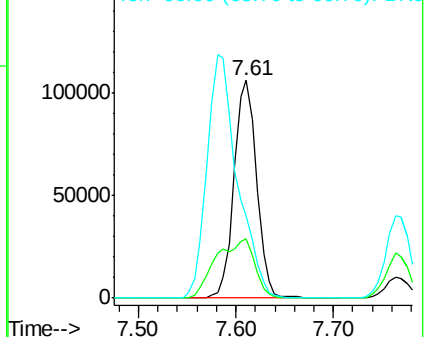
66 37.8 22.2 62.2

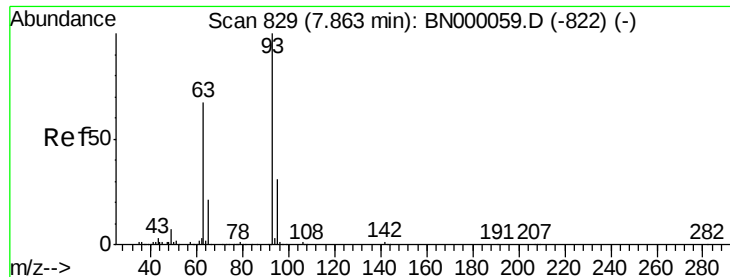


Abundance Ion 94.00 (93.70 to 94.70): BN000108.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BN000108.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BN000108.D (-698) (-)

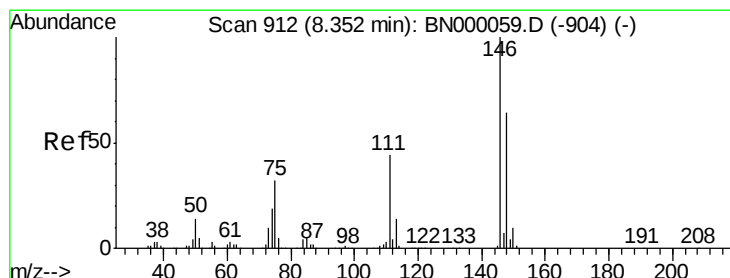
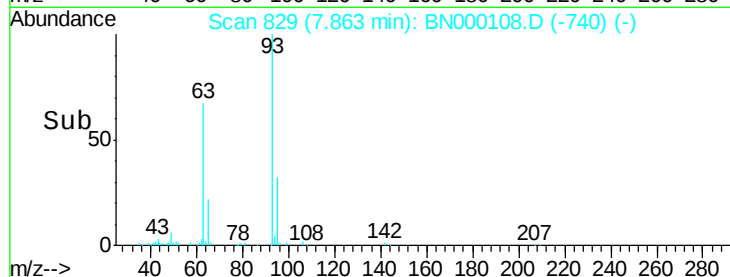
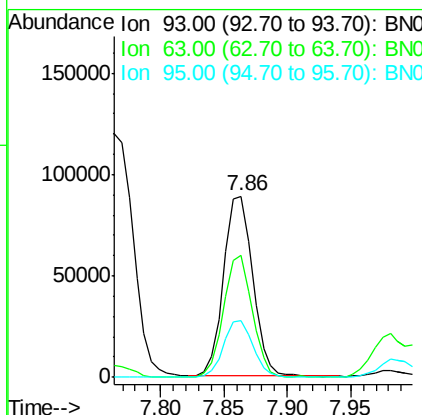
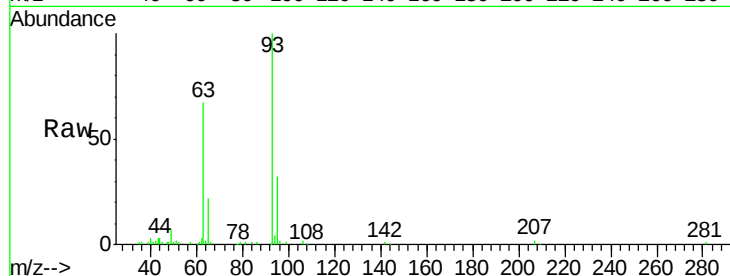




#11
bis(2-Chloroethyl)ether
Concen: 4.39 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

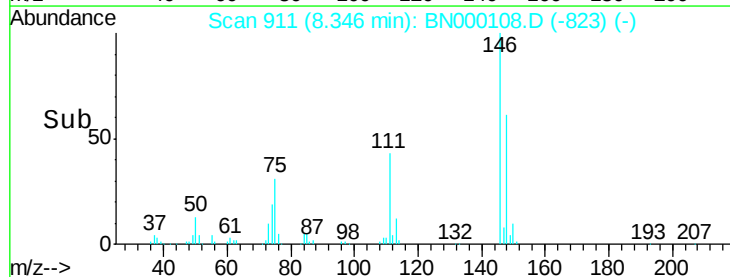
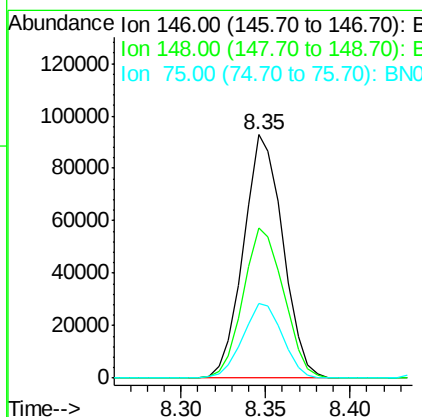
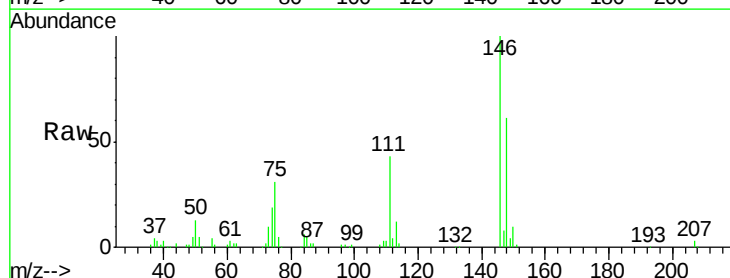
Instrument :
BNA_N
ClientSampleId :

Tot Ion	93	Resp	141626
Ion Ratio	100	Lower	Upper
63	67.0	67.1	107.1#
95	31.6	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 4.62 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	146	Resp	150689
Ion Ratio	100	Lower	Upper
148	61.5	51.4	77.2
75	30.7	26.6	39.8

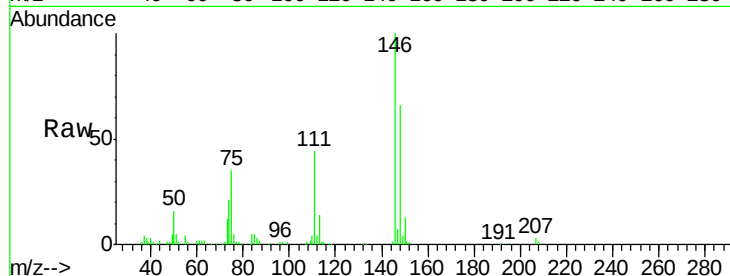




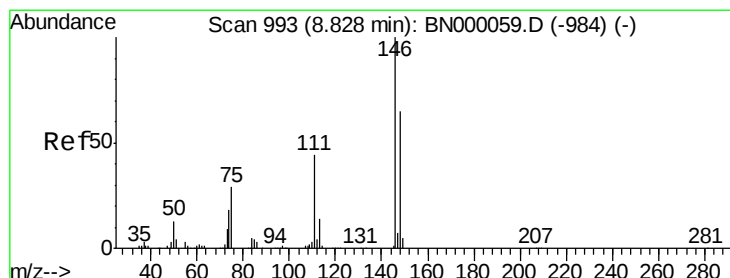
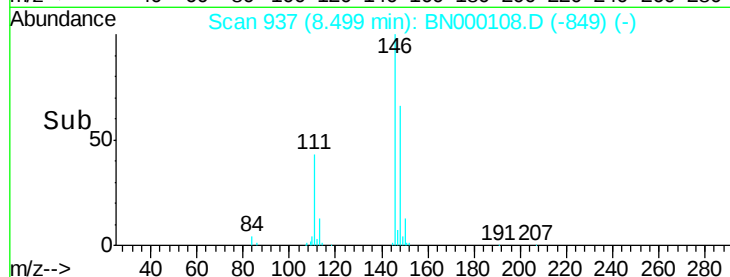
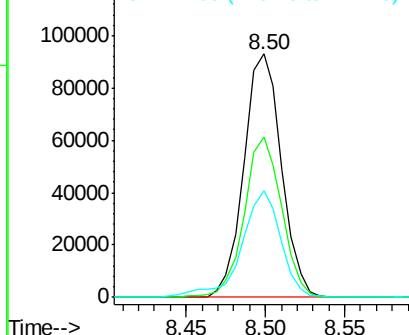
#13
 1,4-Dichlorobenzene
 Concen: 4.59 ng
 RT: 8.50 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:146 Resp: 152694
 Ion Ratio Lower Upper
 146 100
 148 65.9 53.7 80.5
 111 43.8 35.2 52.8

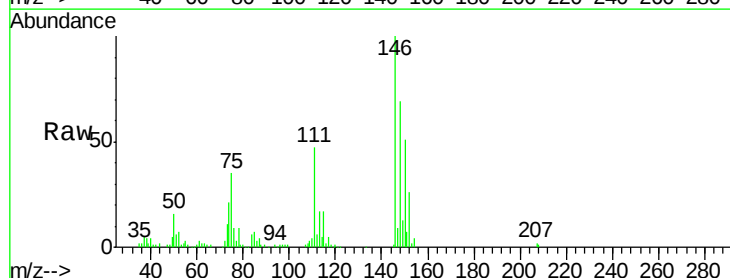


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

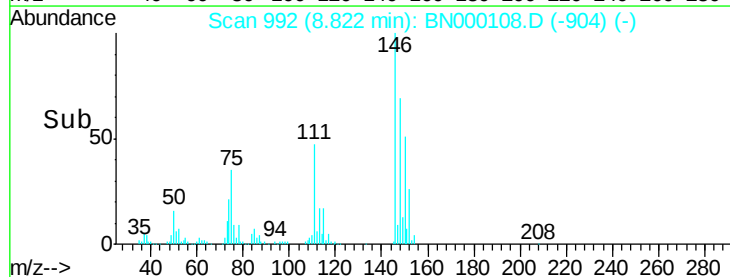
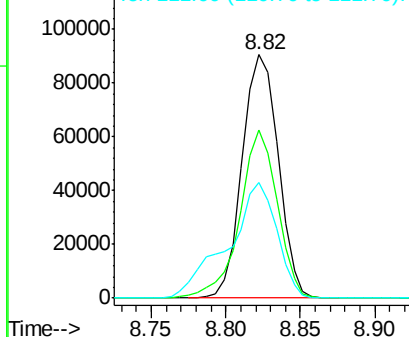


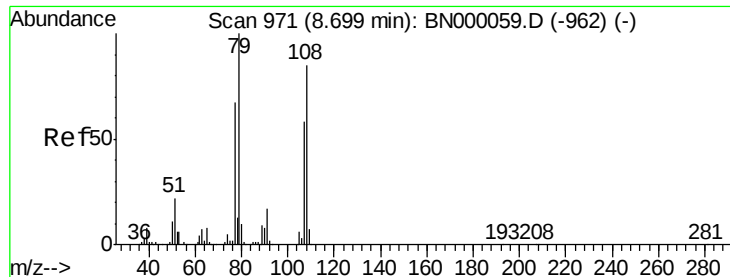
#14
 1,2-Dichlorobenzene
 Concen: 4.63 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:146 Resp: 151582
 Ion Ratio Lower Upper
 146 100
 148 68.9 49.3 73.9
 111 47.3 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.74 ng

RT: 8.69 min Scan# 970

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

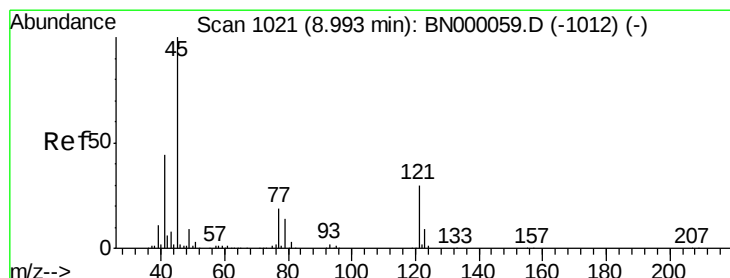
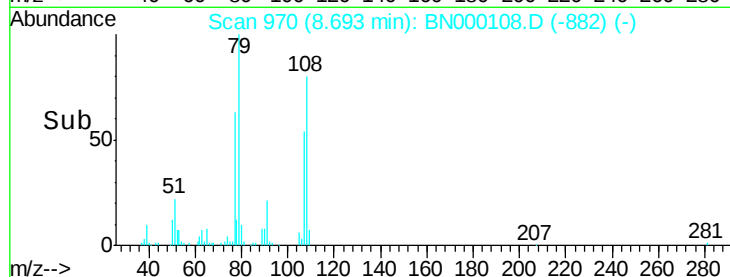
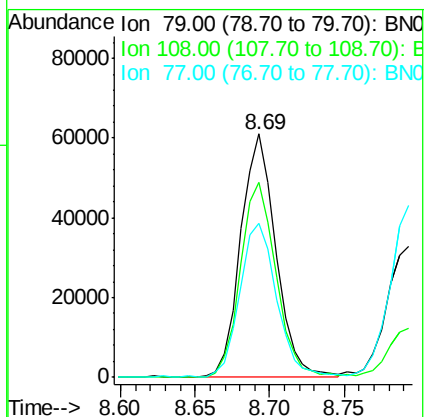
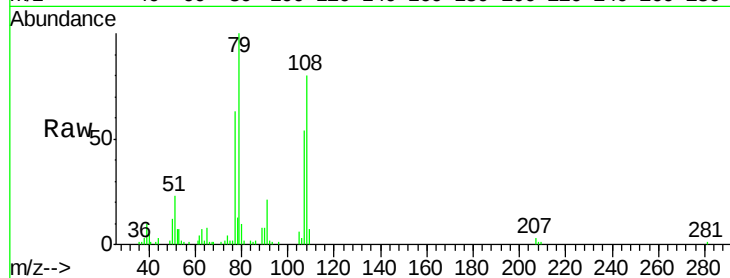
Tot Ion: 79 Resp: 99970

Ion Ratio Lower Upper

79 100

108 80.1 57.2 85.8

77 63.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.49 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

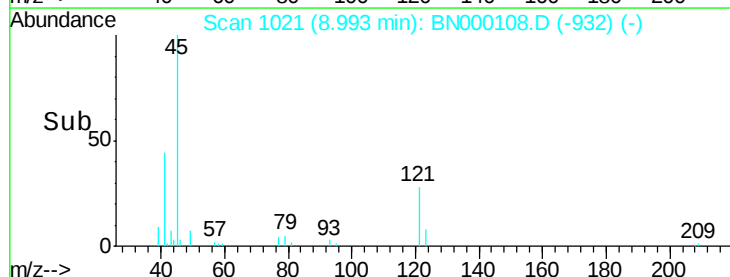
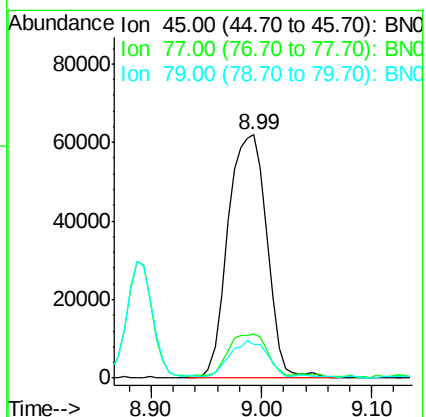
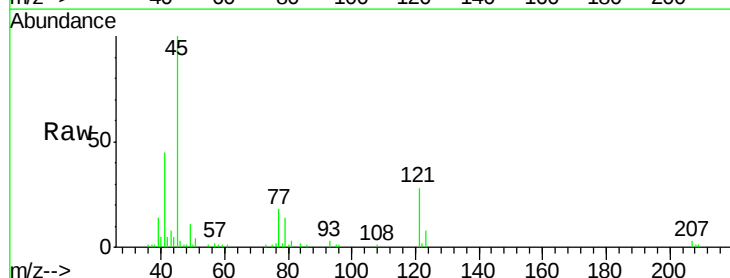
Tgt Ion: 45 Resp: 153428

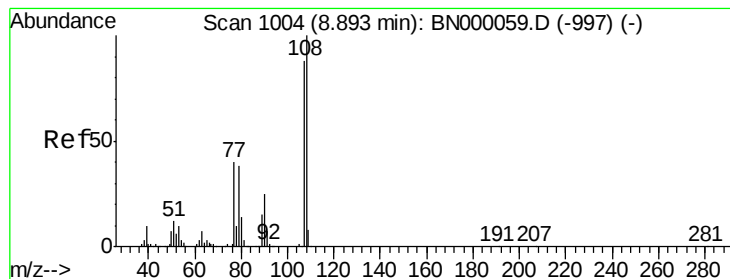
Ion Ratio Lower Upper

45 100

77 17.8 0.0 30.2

79 13.9 0.0 27.9





#17

2-Methylphenol

Concen: 4.00 ng

RT: 8.89 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:107 Resp: 111503

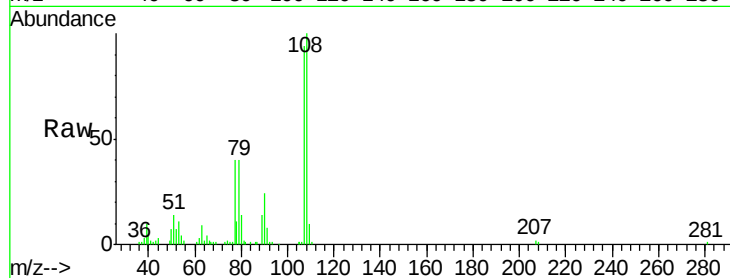
Ion Ratio Lower Upper

107 100

108 106.8 83.9 125.9

77 42.8 37.2 55.8

79 43.0 36.2 54.2

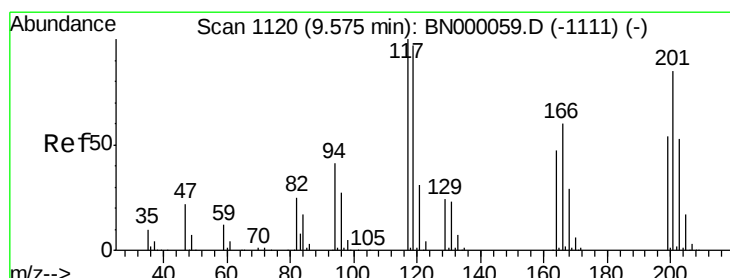
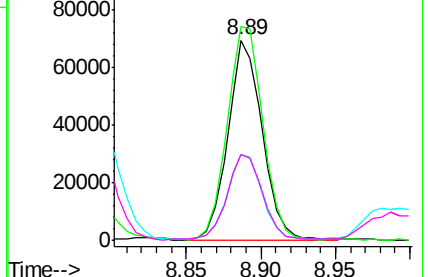
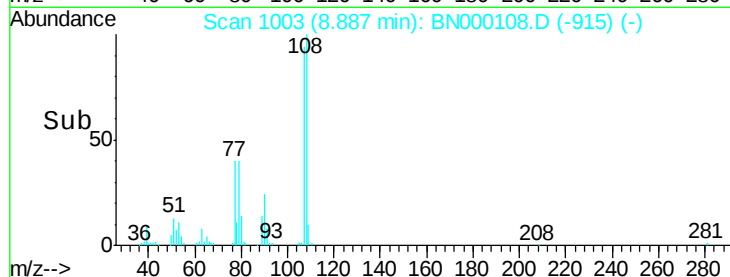


Abundance Ion 107.00 (106.70 to 107.70): E

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: 4.33 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

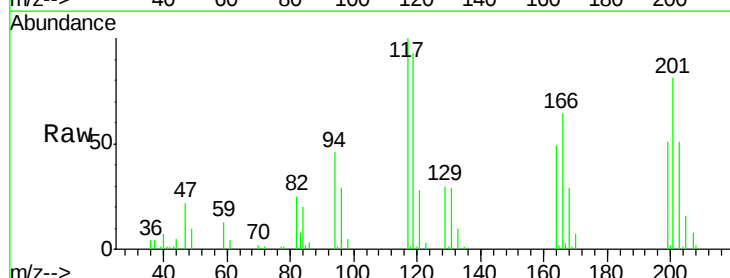
Tgt Ion:117 Resp: 50202

Ion Ratio Lower Upper

117 100

119 93.3 76.7 115.1

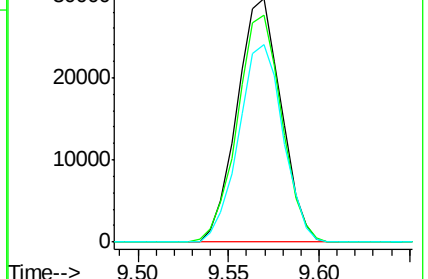
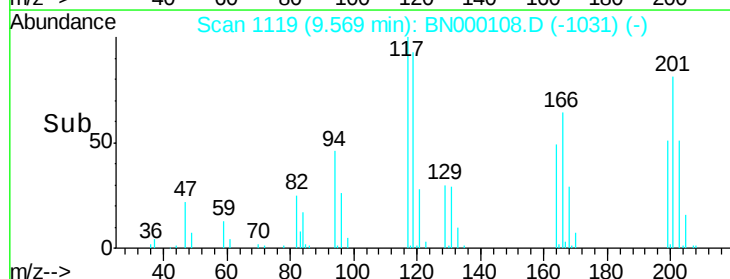
201 80.9 95.7 143.5#

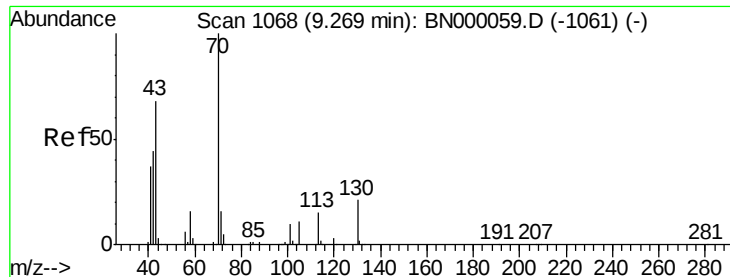


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

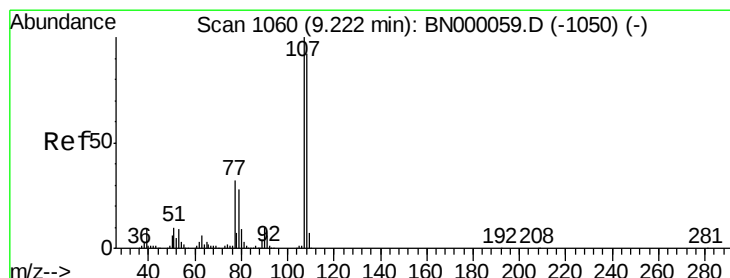
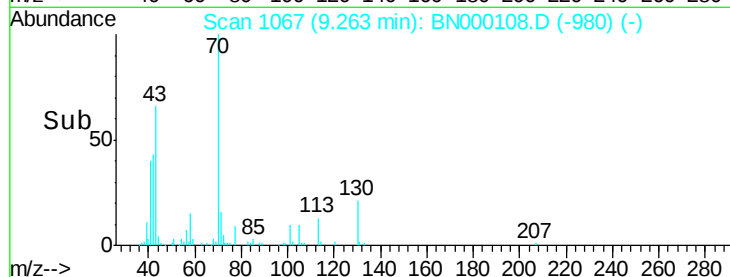
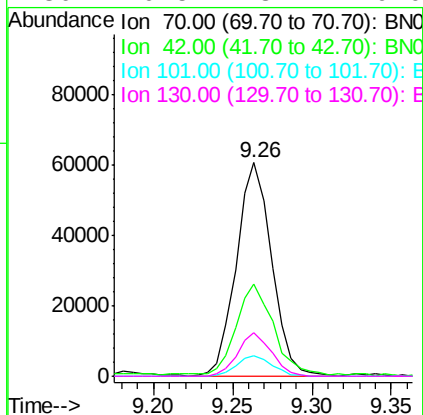
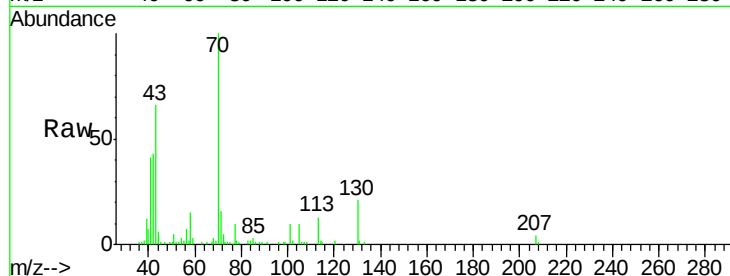




#19
n-Nitroso-di-n-propylamine
Concen: 3.77 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

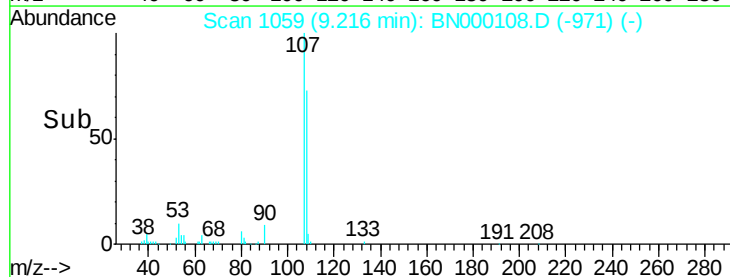
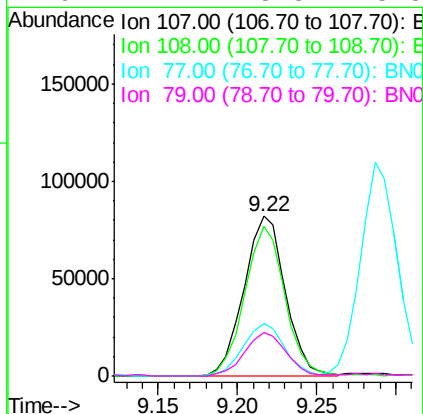
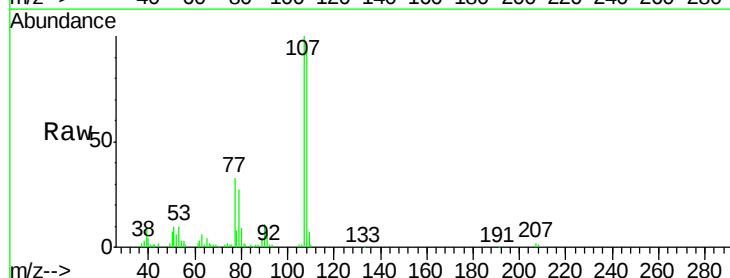
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	70	100		
42	43.2	49.1	73.7#	
101	9.7	8.5	12.7	
130	20.5	13.4	20.0#	



#20
3+4-Methylphenols
Concen: 3.82 ng
RT: 9.22 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	107	100		
108	93.6	61.6	101.6	
77	32.5	13.9	53.9	
79	27.4	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 1999931

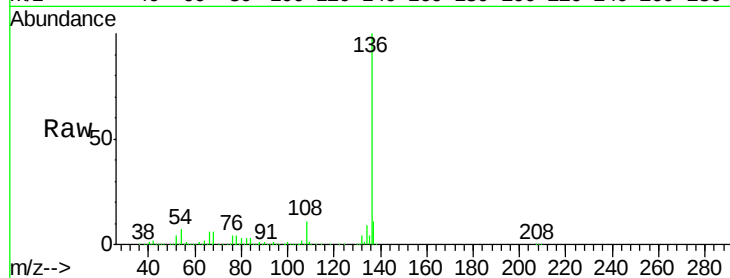
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.1	10.3	15.5#
68	6.2	4.5	6.7

136 100

137 10.6 9.2 13.8

54 7.1 10.3 15.5#

68 6.2 4.5 6.7

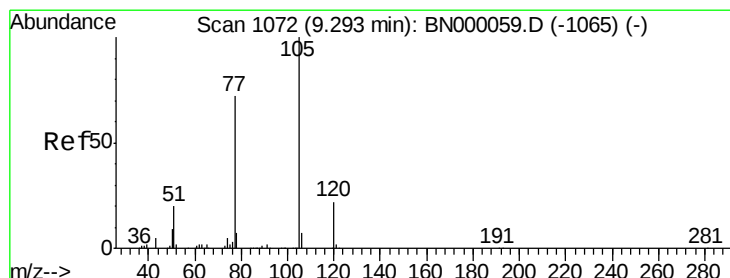
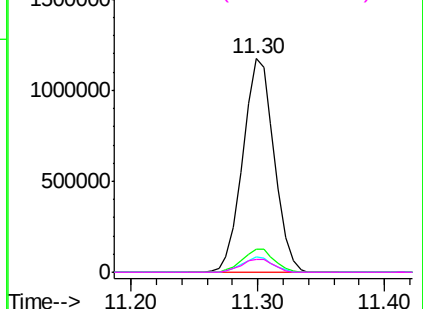
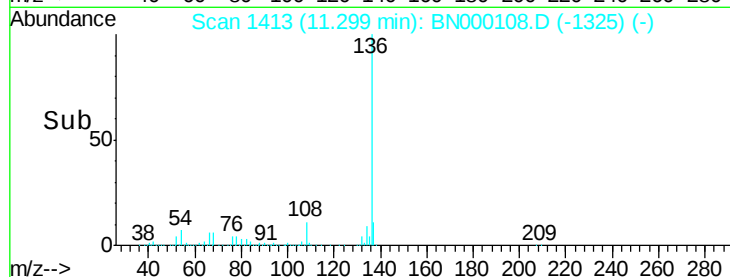


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 4.20 ng

RT: 9.29 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion:105 Resp: 235523

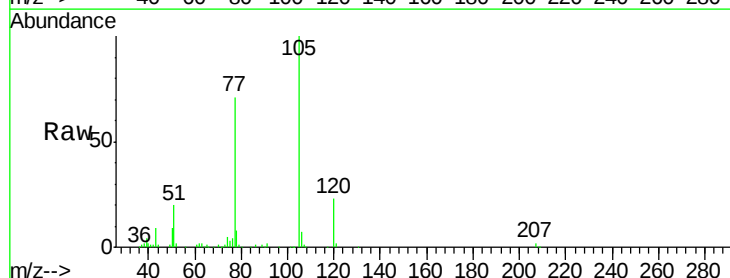
Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	20.1	26.1	39.1#
120	22.7	17.4	26.2

105 100

71 0.3 3.0 4.4#

51 20.1 26.1 39.1#

120 22.7 17.4 26.2

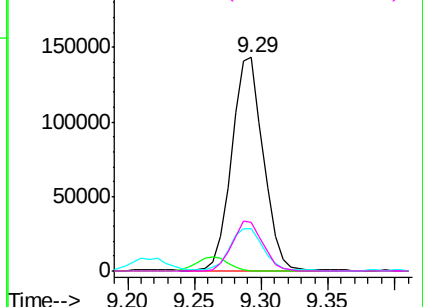
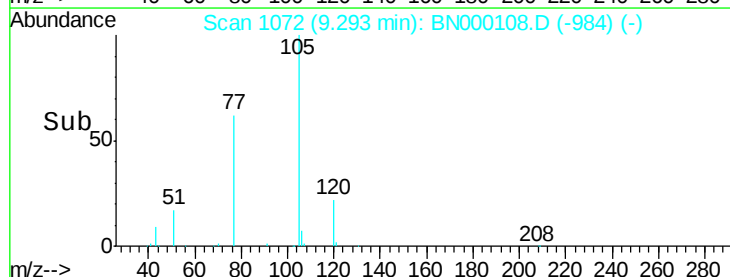


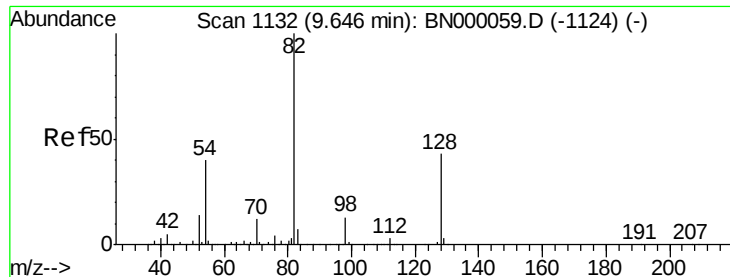
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

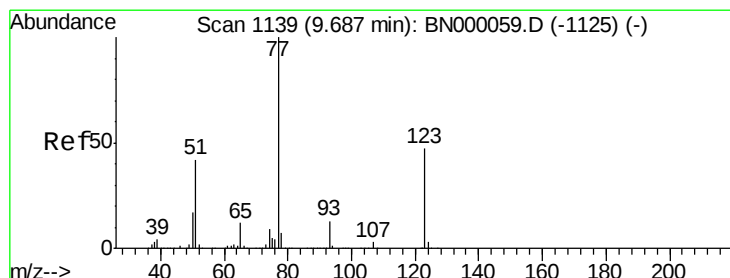
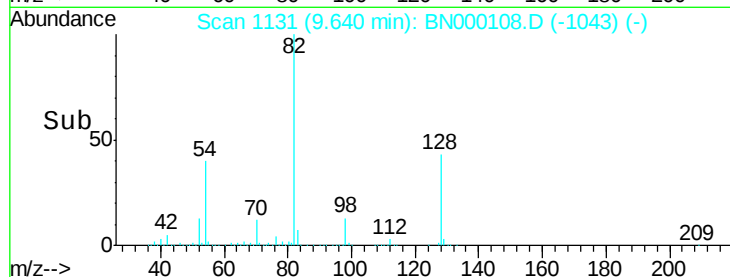
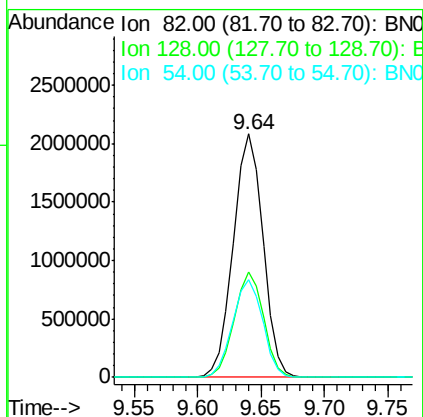
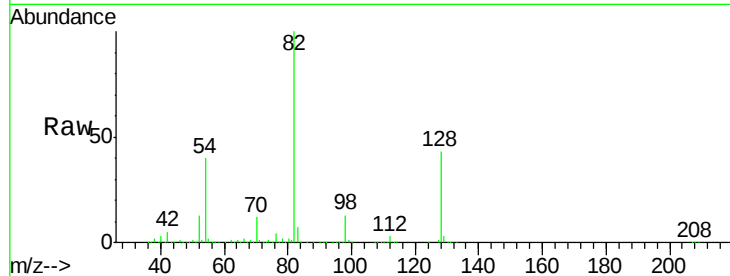




#23
 Nitrobenzene-d5
 Concen: 100.40 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

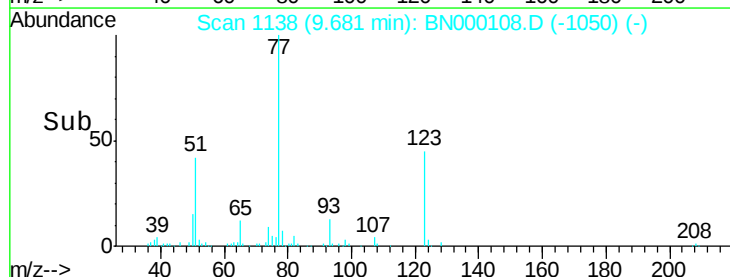
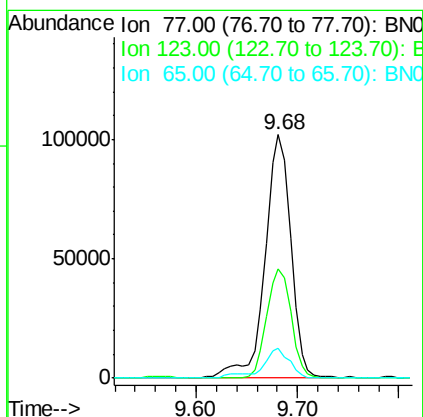
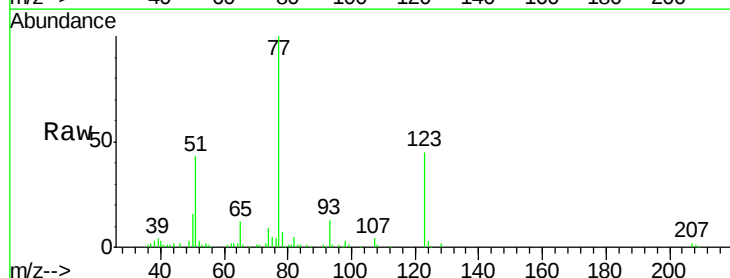
Instrument :
 BNA_N
 ClientSampled :

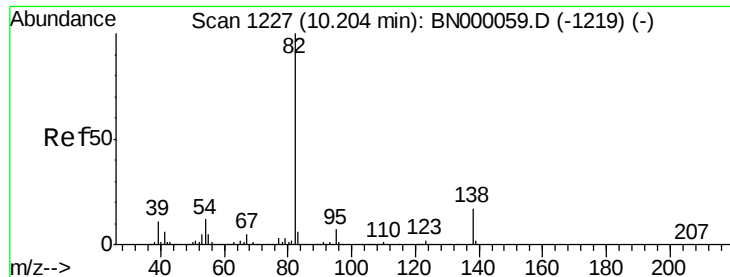
Tot Ion: 82 Resp: 3377199
 Ion Ratio Lower Upper
 82 100
 128 43.1 29.7 44.5
 54 40.0 43.1 64.7#



#24
 Nitrobenzene
 Concen: 4.94 ng
 RT: 9.68 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion: 77 Resp: 181591
 Ion Ratio Lower Upper
 77 100
 123 45.1 33.0 49.6
 65 12.1 13.0 19.6#





#25

Isophorone

Concen: 3.70 ng

RT: 10.20 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

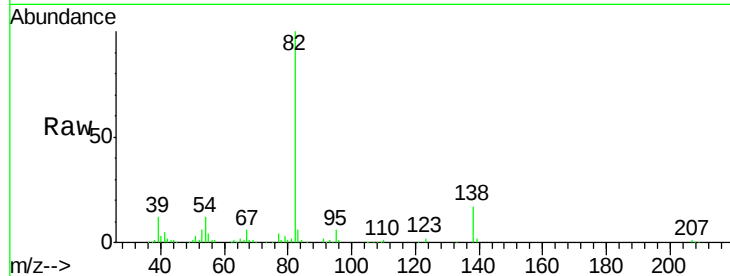
Tot Ion: 82 Resp: 257428

Ion Ratio Lower Upper

82 100

95 6.5 6.2 9.2

138 16.8 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN000059.D (-1219) (-)

Ion 95.00 (94.70 to 95.70): BN000059.D (-1219) (-)

Ion 138.00 (137.70 to 138.70): BN000059.D (-1219) (-)

10.20

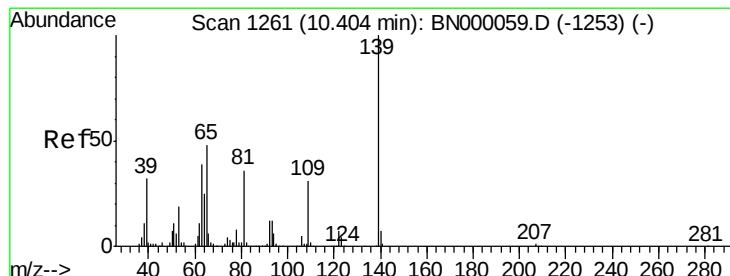
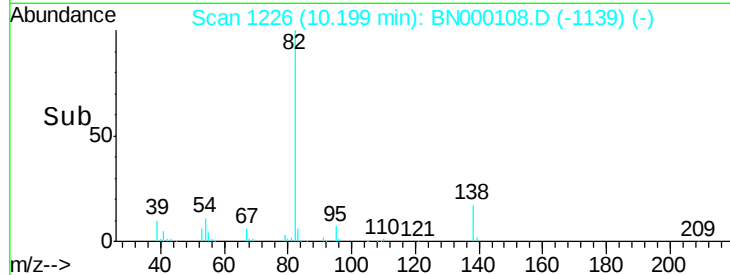
150000

100000

50000

0

Time-->



#26

2-Nitrophenol

Concen: 9.56 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

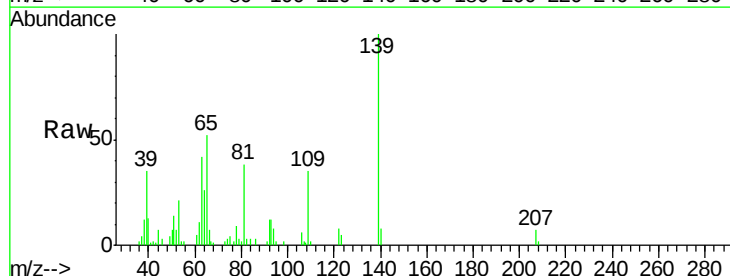
Tgt Ion: 139 Resp: 42017

Ion Ratio Lower Upper

139 100

109 35.5 24.2 36.2

65 52.0 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BN000059.D (-1253) (-)

Ion 109.00 (108.70 to 109.70): BN000059.D (-1253) (-)

Ion 65.00 (64.70 to 65.70): BN000059.D (-1253) (-)

10.40

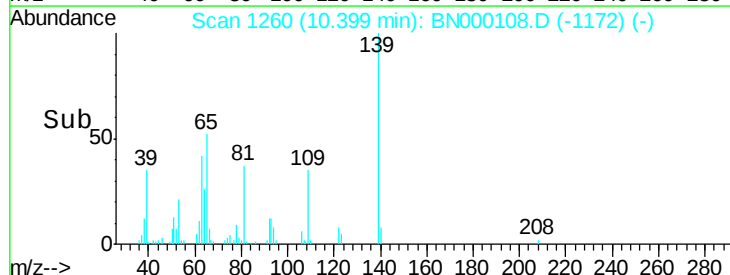
30000

20000

10000

0

Time-->

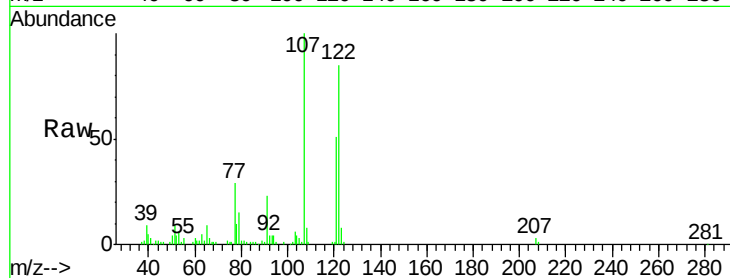




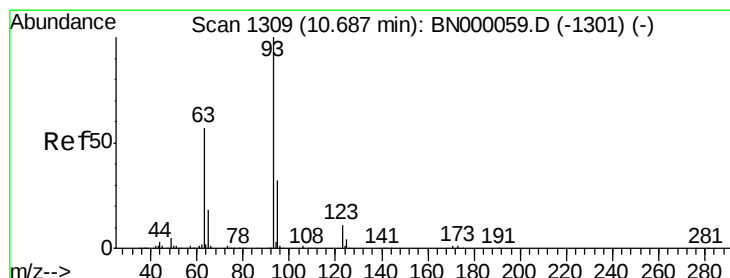
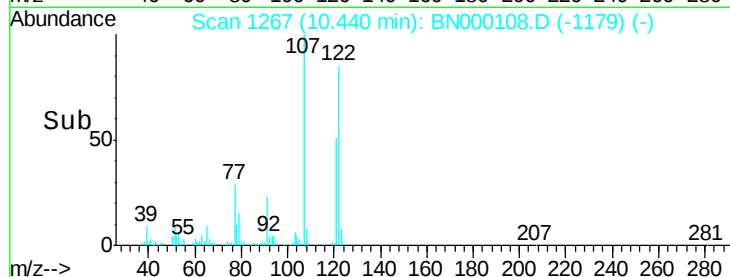
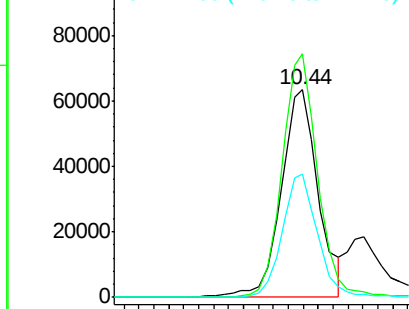
#27
 2,4-Dimethylphenol
 Concen: 3.64 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	100.2	150.2
121	59.6	44.4	66.6

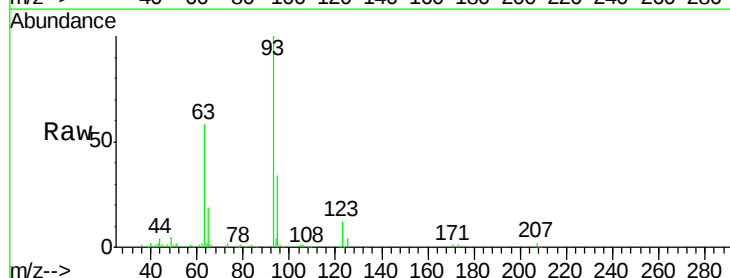


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

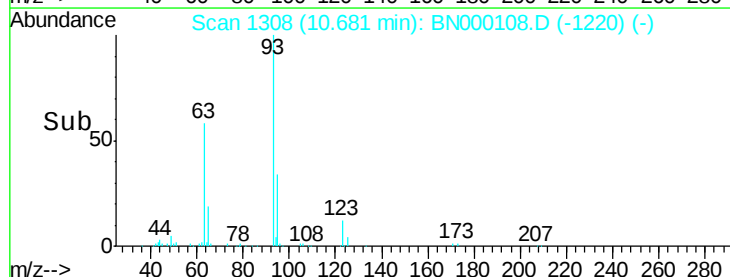
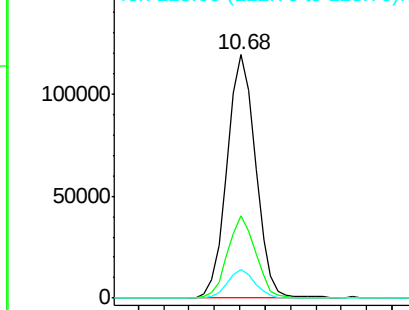


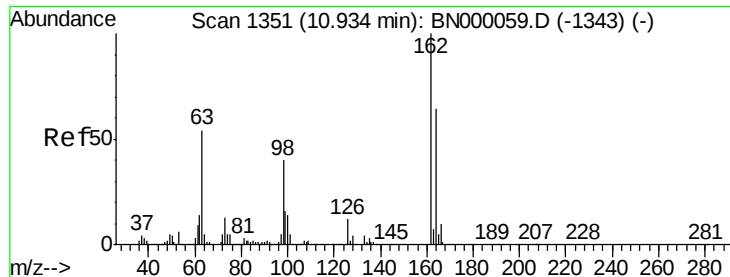
#28
 bis(2-Chloroethoxy)methane
 Concen: 4.18 ng
 RT: 10.68 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	11.7	8.4	12.6



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

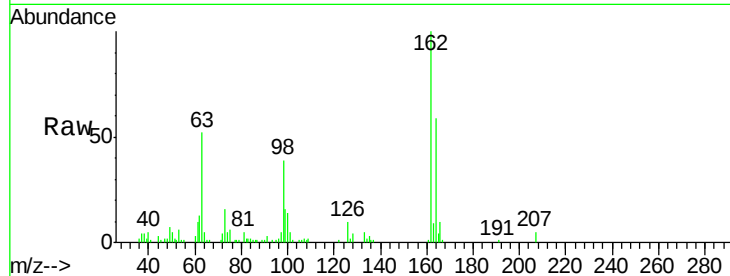




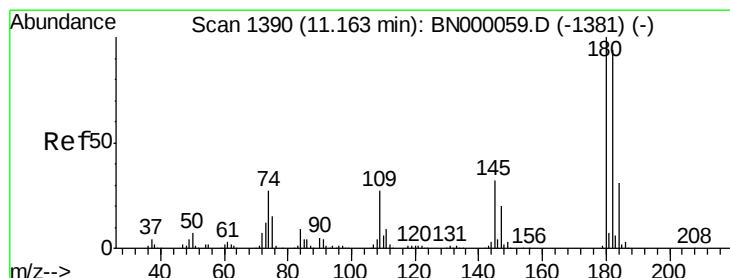
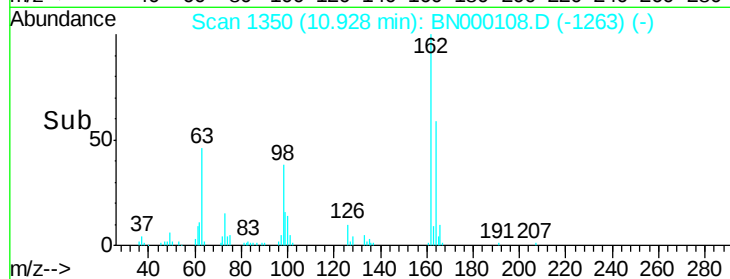
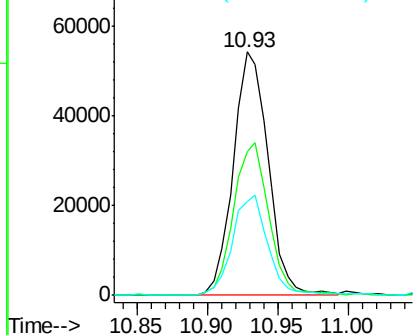
#29
2,4-Dichlorophenol
Concen: 3.37 ng
RT: 10.93 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.8	48.0	88.0
98	38.7	21.1	61.1

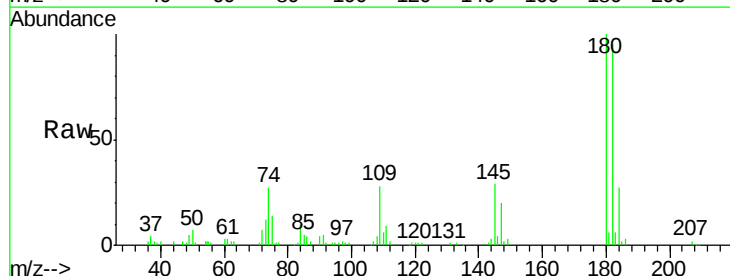


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

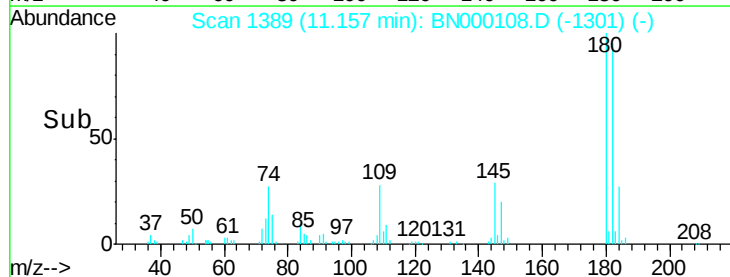
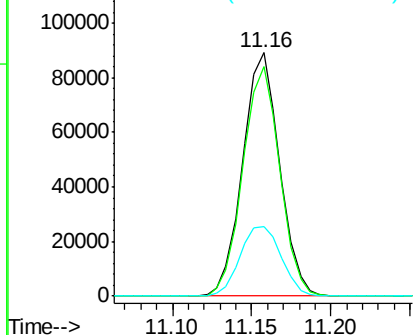


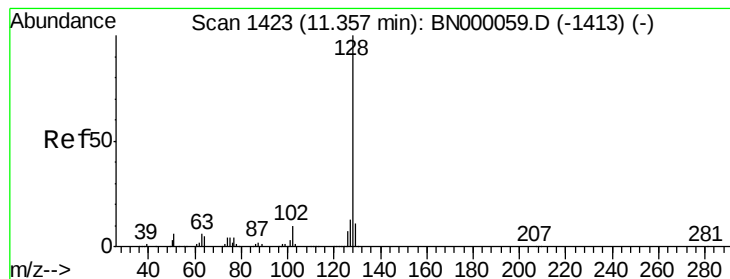
#30
1,2,4-Trichlorobenzene
Concen: 4.49 ng
RT: 11.16 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.5	116.3
145	28.6	23.4	35.2



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

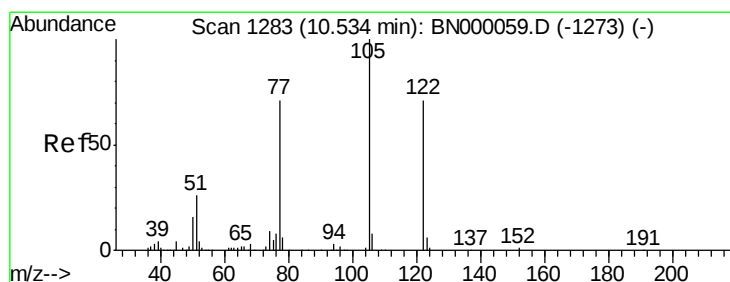
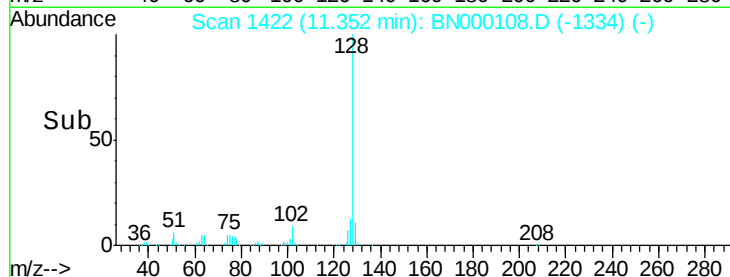
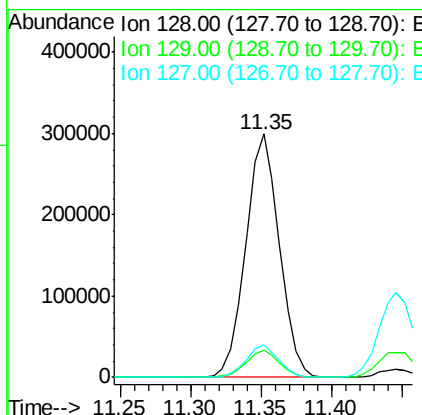
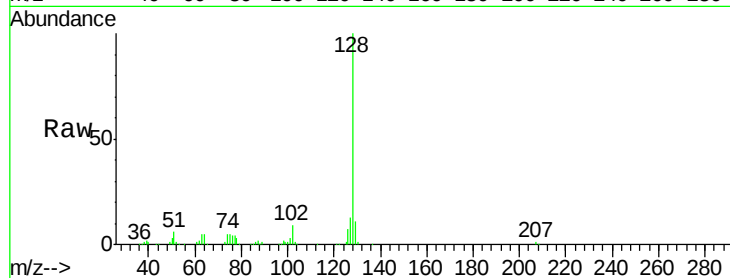




#31
Naphthalene
Concen: 4.55 ng
RT: 11.35 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

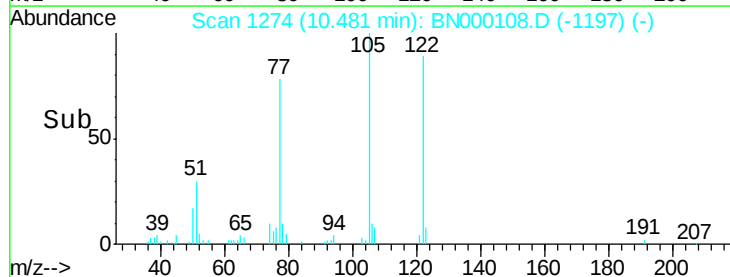
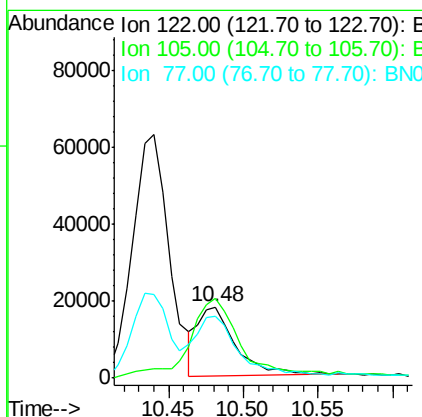
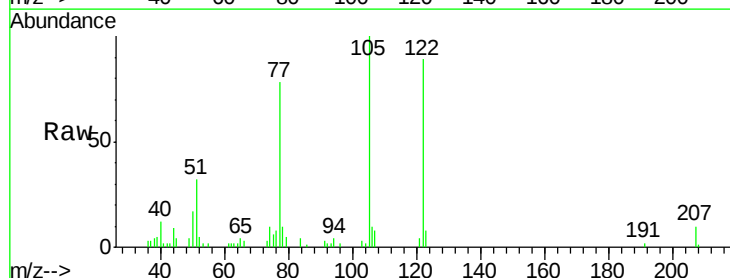
Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.4	11.6	17.4



#32
Benzoic acid
Concen: 11.62 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.08 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.4	123.5	163.5#
77	87.6	85.7	125.7

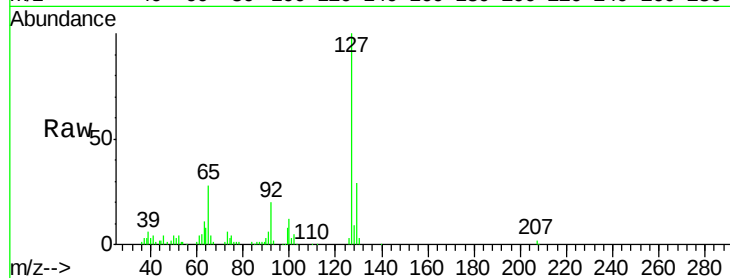




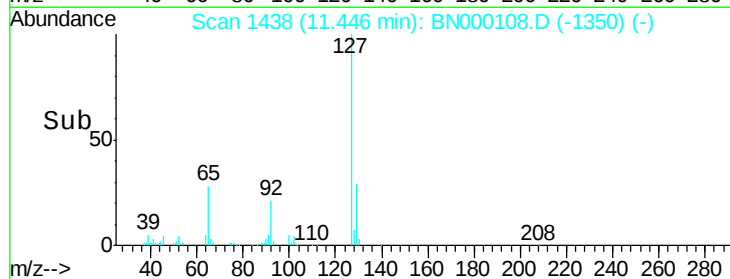
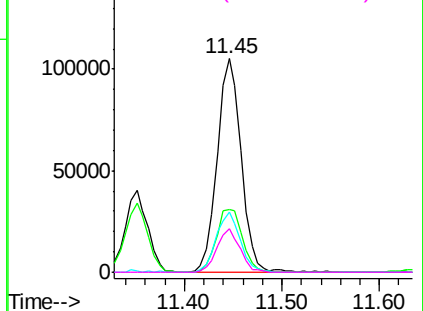
#33
4-Chloroaniline
Concen: 3.72 ng
RT: 11.45 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:	127	Resp:	179268
Ion	Ratio	Lower	Upper
127	100		
129	29.2	24.0	36.0
65	28.1	27.0	40.4
92	20.3	16.6	25.0

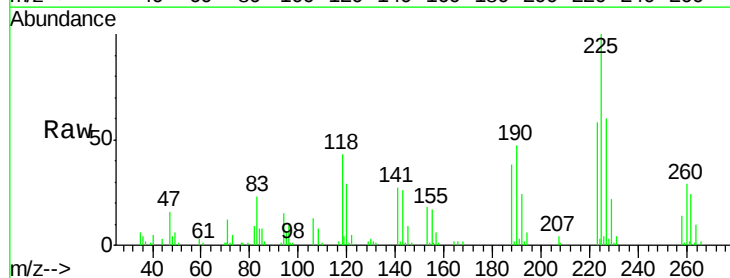


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

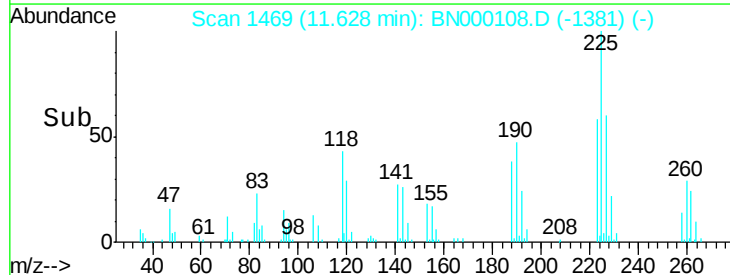
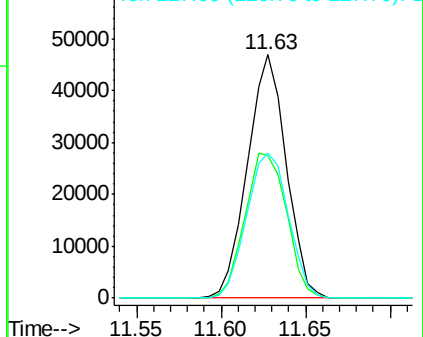


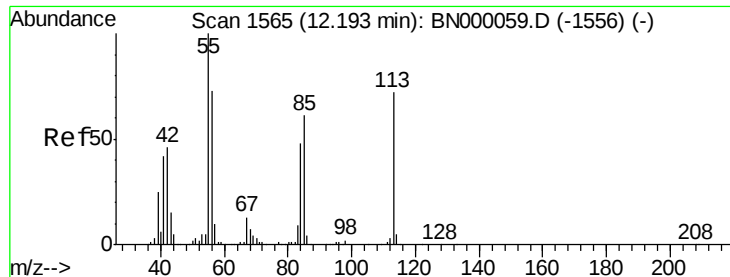
#34
Hexachlorobutadiene
Concen: 4.51 ng
RT: 11.63 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:	225	Resp:	75095
Ion	Ratio	Lower	Upper
225	100		
223	58.4	49.7	74.5
227	59.6	48.1	72.1



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: 6.13 ng

RT: 12.17 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampled :

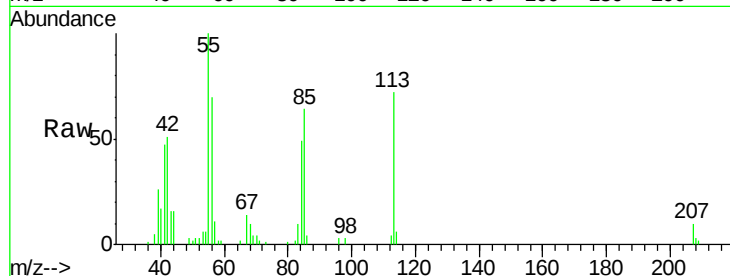
Tot Ion:113 Resp: 28045

Ion Ratio Lower Upper

113 100

55 138.9 120.0 160.0

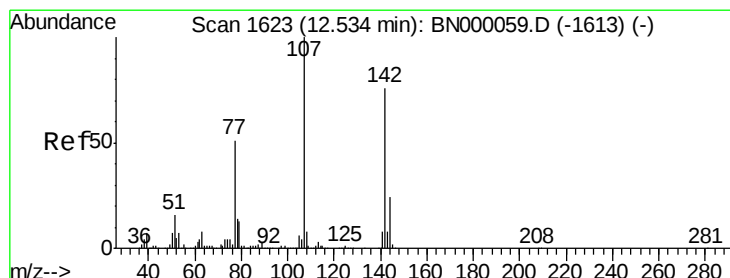
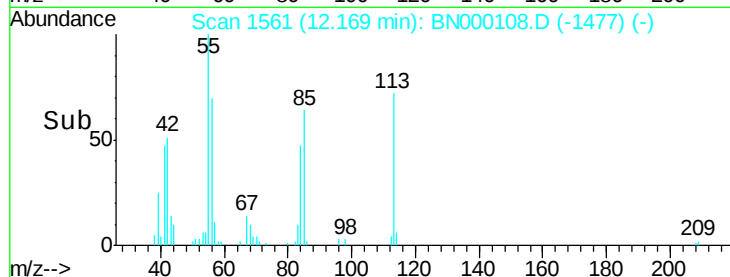
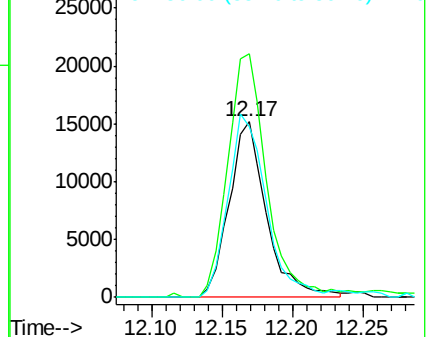
56 97.3 90.0 130.0



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: 3.34 ng

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

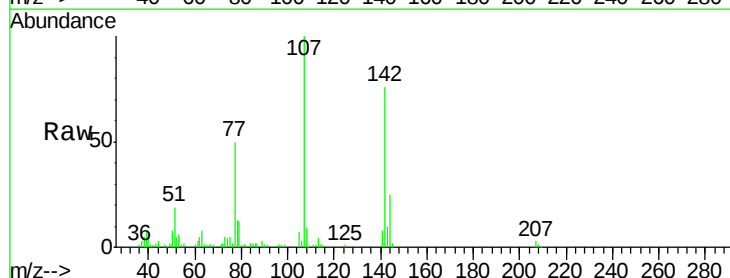
Tgt Ion:107 Resp: 118195

Ion Ratio Lower Upper

107 100

144 24.7 18.2 27.4

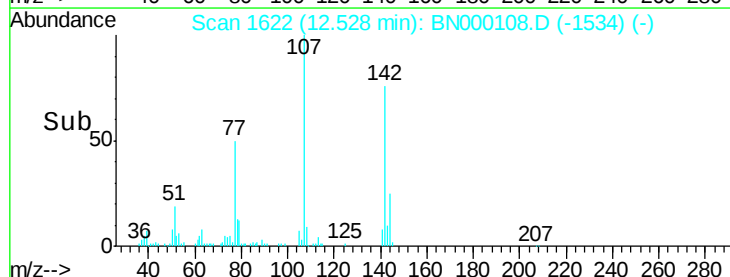
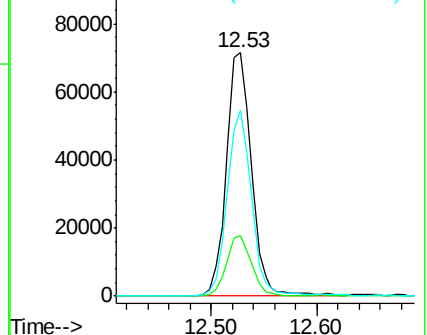
142 76.3 59.0 88.4

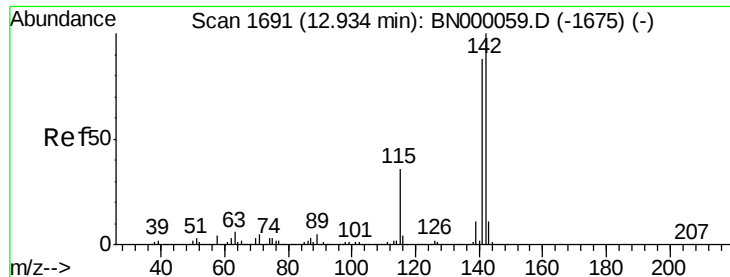


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

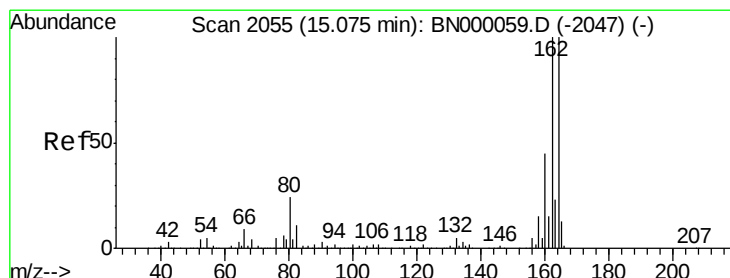
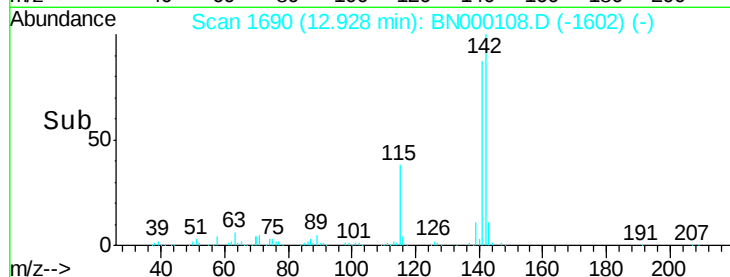
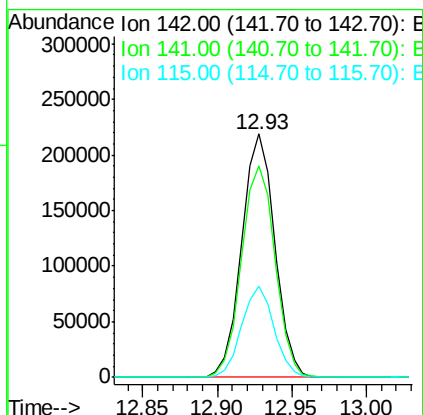
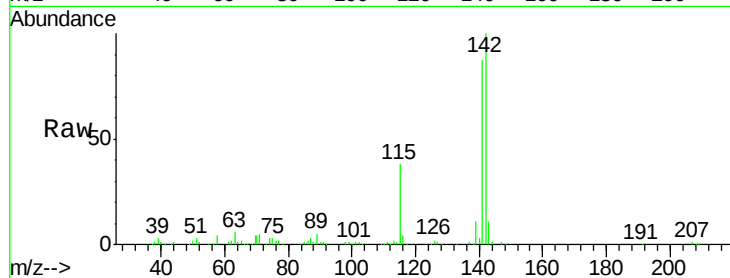




#37
2-Methylnaphthalene
Concen: 4.40 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

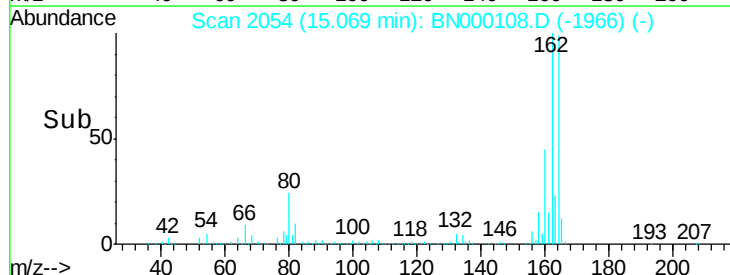
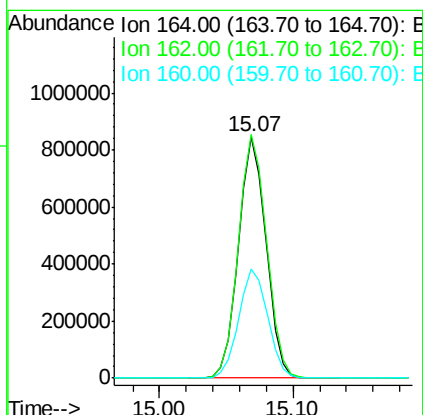
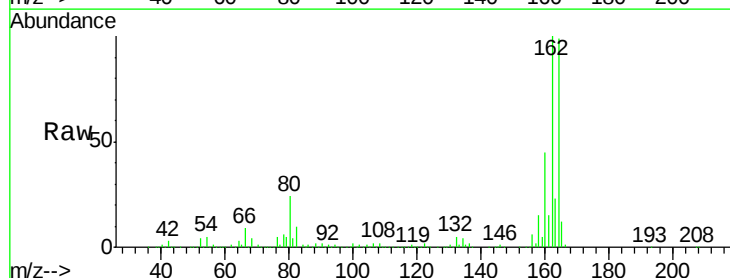
Instrument :
BNA_N
ClientSampled :

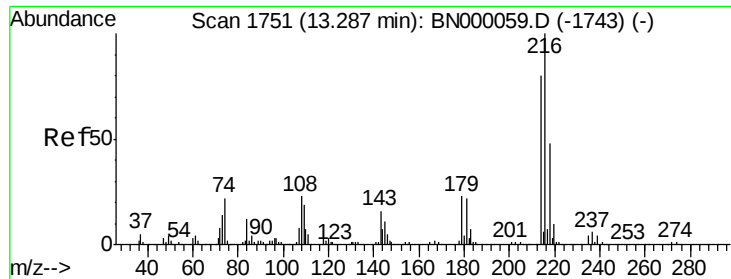
Tot Ion:142 Resp: 335652
Ion Ratio Lower Upper
142 100
141 87.1 67.1 100.7
115 37.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:164 Resp: 1203877
Ion Ratio Lower Upper
164 100
162 100.8 78.8 118.2
160 45.0 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.45 ng

RT: 13.28 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BN000108.D

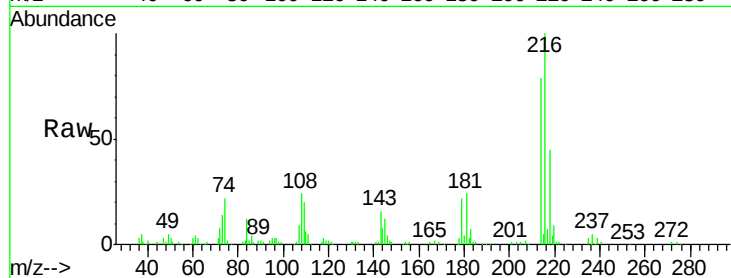
Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	216	Resp:	158073
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
179	22.5	17.0	25.6
108	24.7	12.8	19.2#

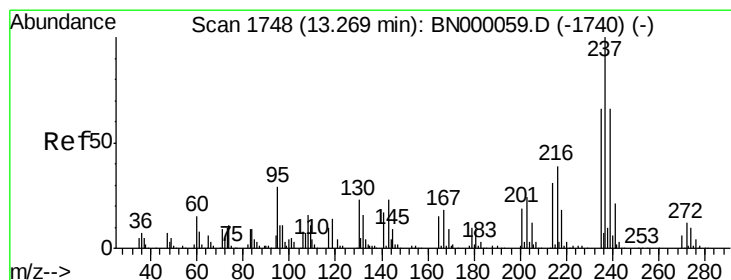
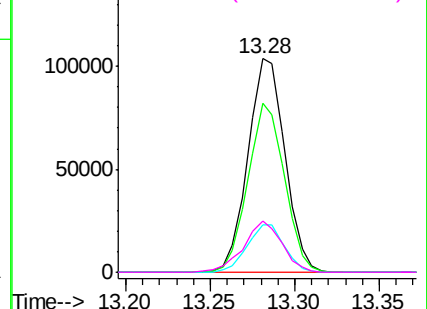
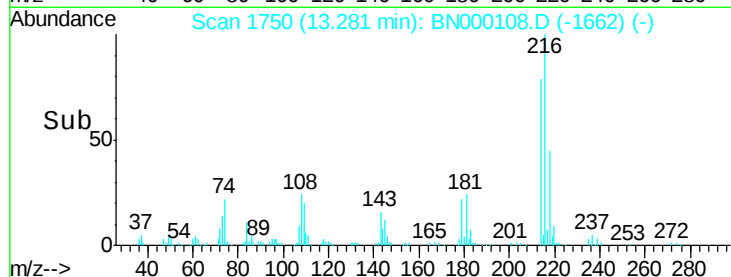


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 3.49 ng

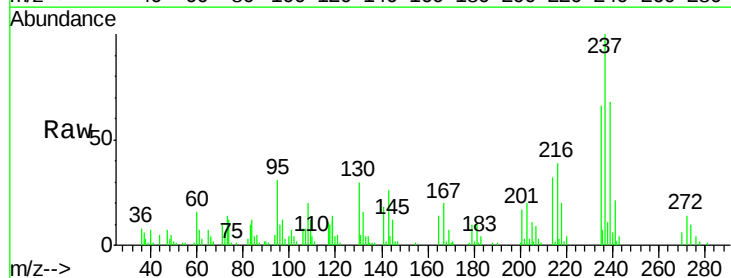
RT: 13.26 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

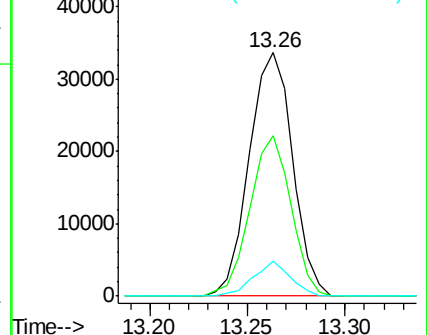
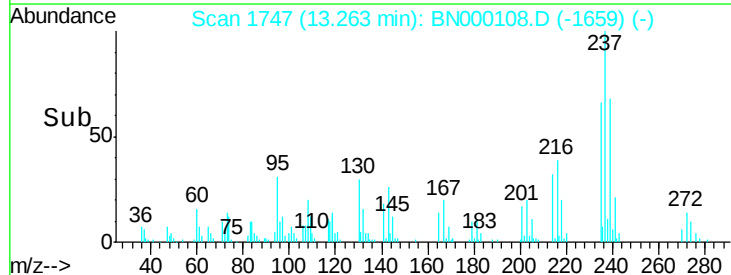
Tgt Ion:	237	Resp:	51705
Ion	Ratio	Lower	Upper
237	100		
235	65.8	50.4	90.4
272	14.3	0.0	31.8

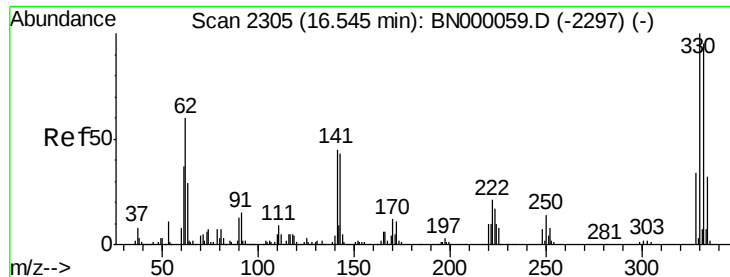


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

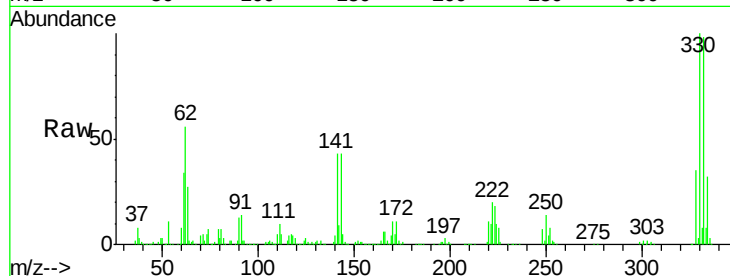




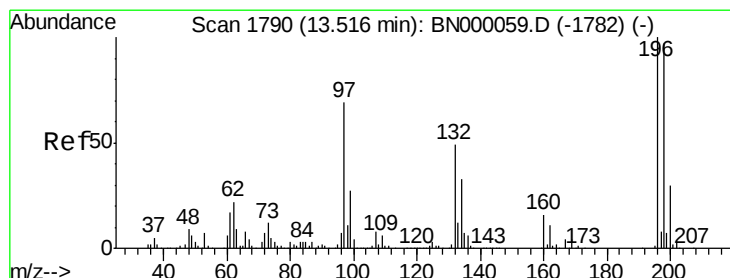
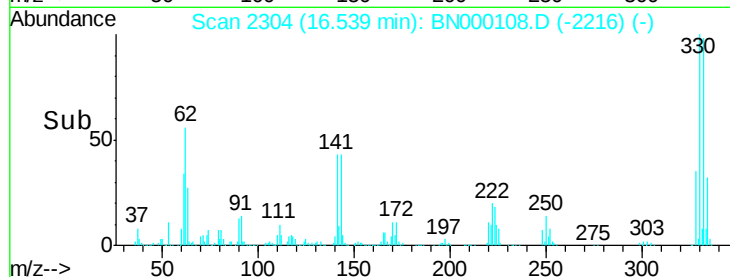
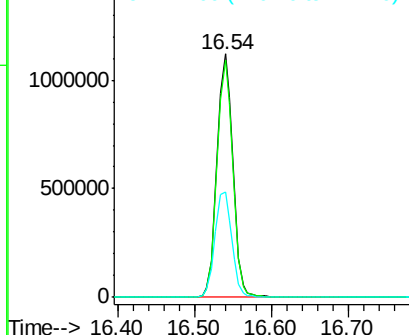
#41
 2,4,6-Tribromophenol
 Concen: 133.47 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:330 Resp: 1590556
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 46.4 25.2 37.8#

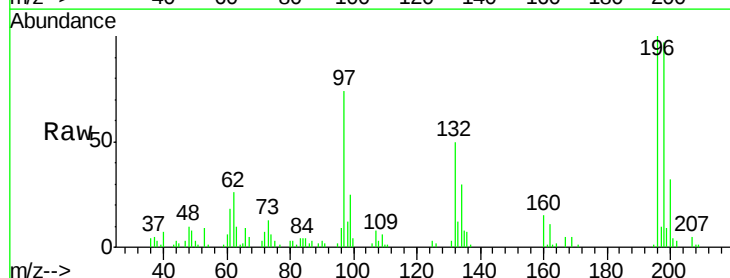


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

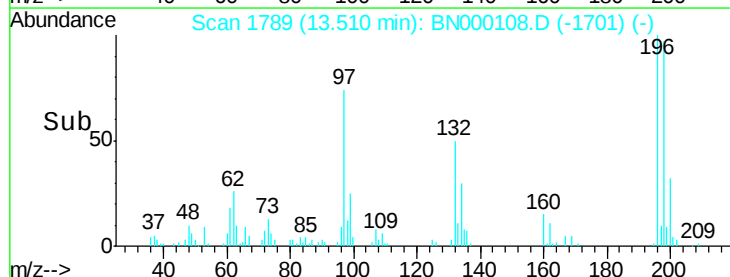
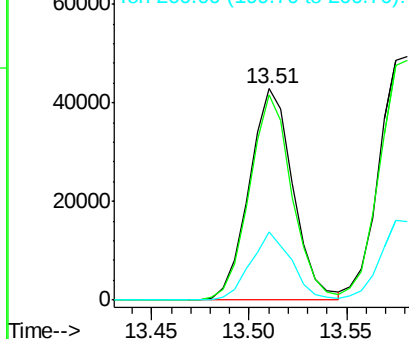


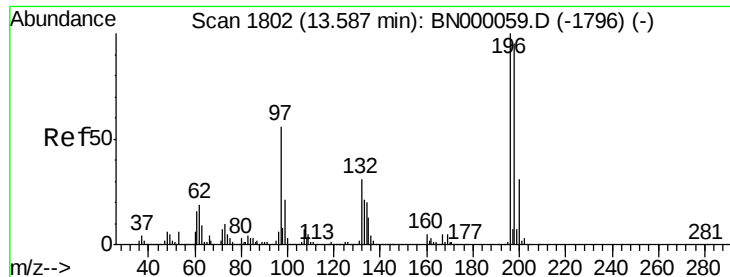
#42
 2,4,6-Trichlorophenol
 Concen: 3.13 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:196 Resp: 66560
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.2 117.2
 200 32.1 24.6 36.8



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

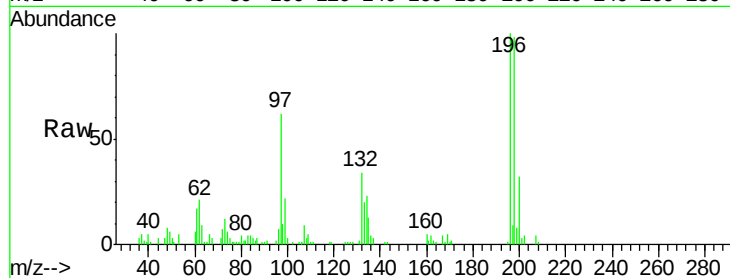




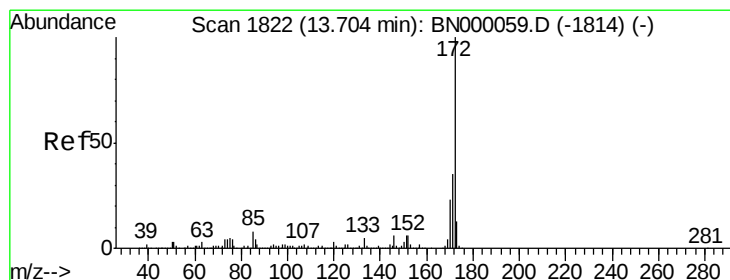
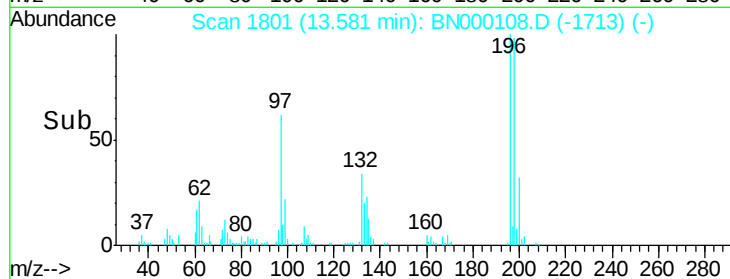
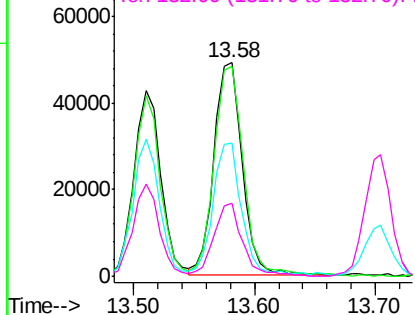
#43
 2,4,5-Trichlorophenol
 Concen: 3.12 ng
 RT: 13.58 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:196 Resp: 79802
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.2 114.4
 97 62.4 38.7 58.1#
 132 34.0 20.2 30.2#

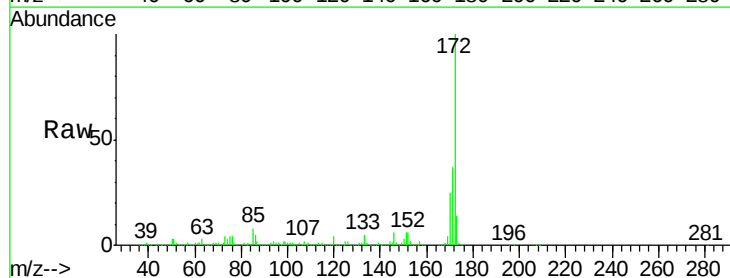


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

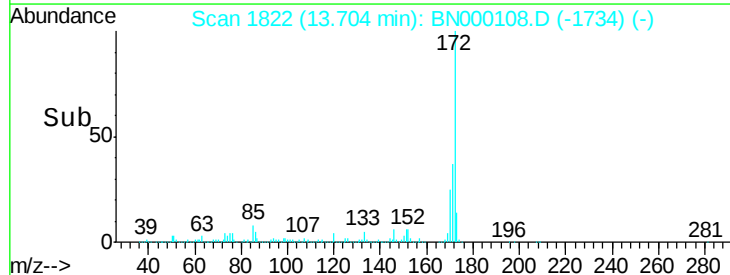
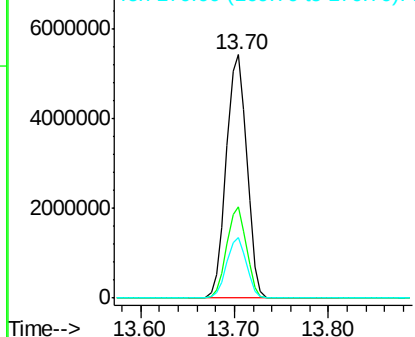


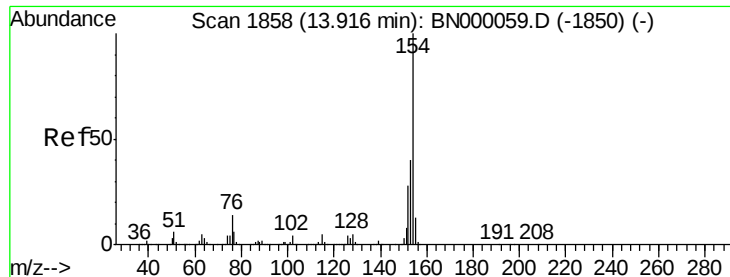
#44
 2-Fluorobiphenyl
 Concen: 96.65 ng
 RT: 13.70 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:172 Resp: 8255435
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.6 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 4.74 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

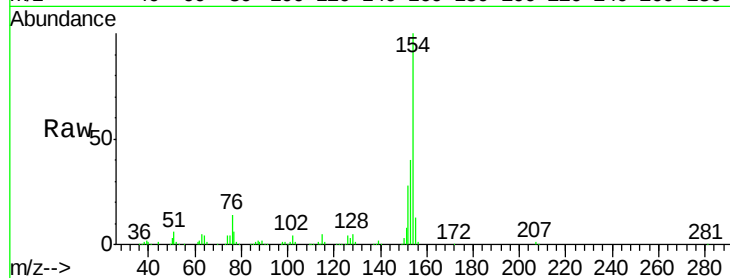
Tot Ion:154 Resp: 502453

Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

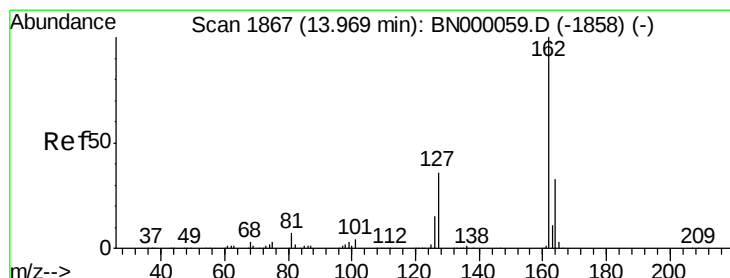
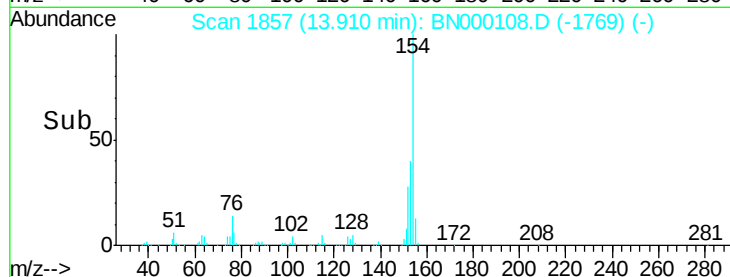
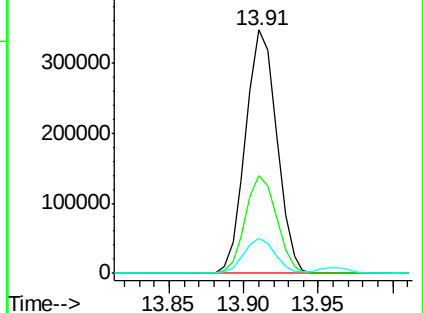
76 14.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 4.43 ng

RT: 13.96 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

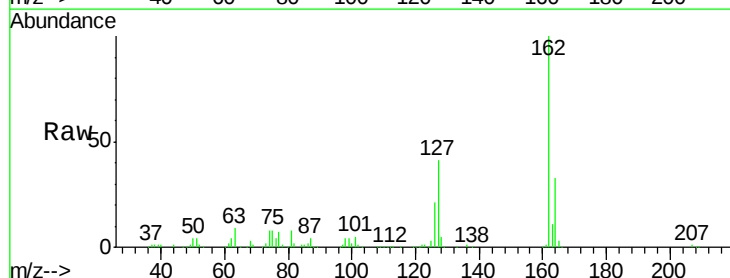
Tgt Ion:162 Resp: 352401

Ion Ratio Lower Upper

162 100

127 40.8 30.7 46.1

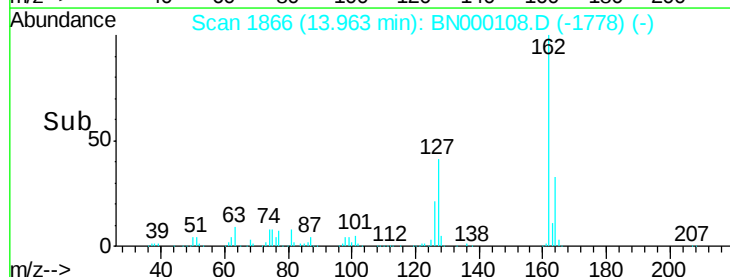
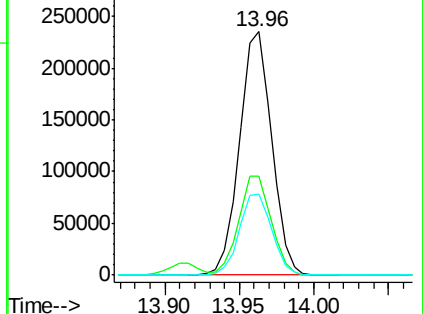
164 33.5 26.0 39.0

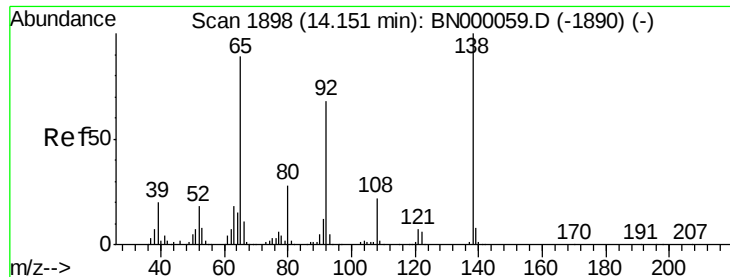


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 7.09 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampled :

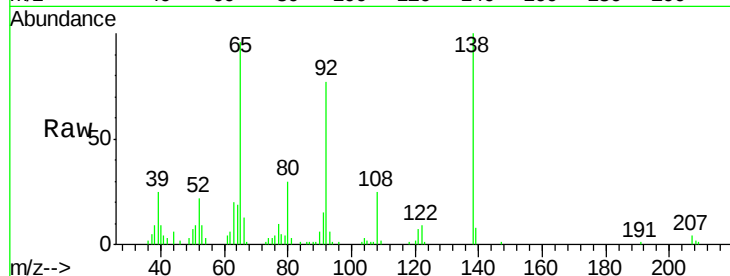
Tot Ion: 65 Resp: 57507

Ion Ratio Lower Upper

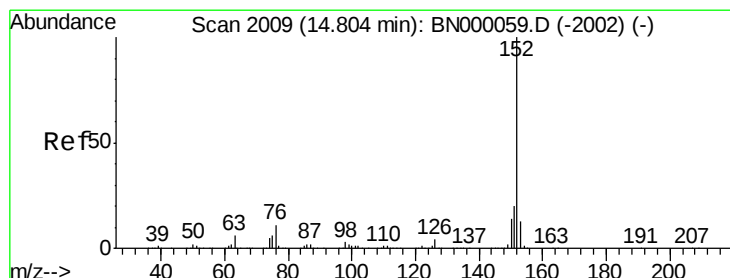
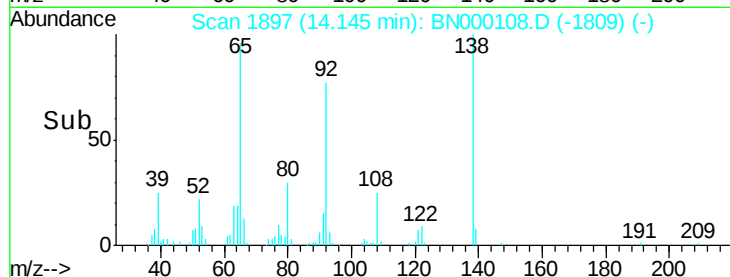
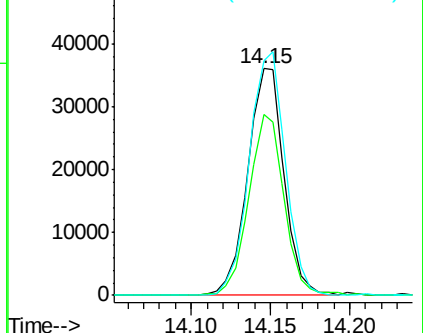
65 100

92 79.7 54.6 82.0

138 103.7 72.9 109.3



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): BNC



#48

Acenaphthylene

Concen: 4.13 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

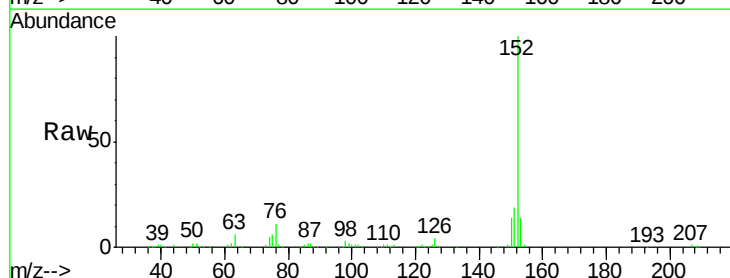
Tgt Ion: 152 Resp: 528904

Ion Ratio Lower Upper

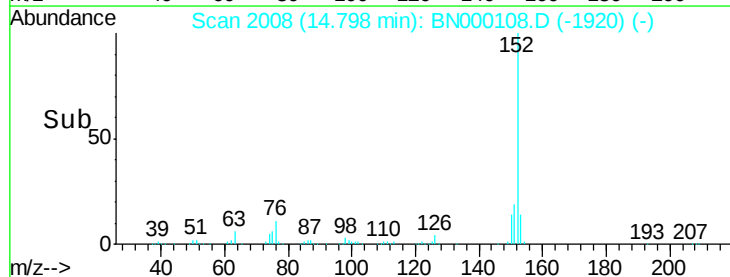
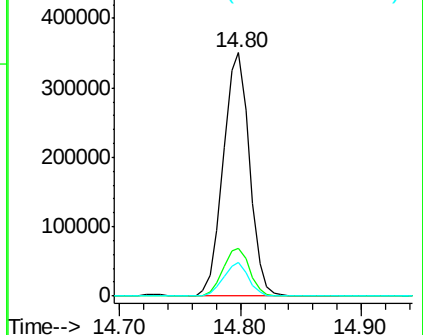
152 100

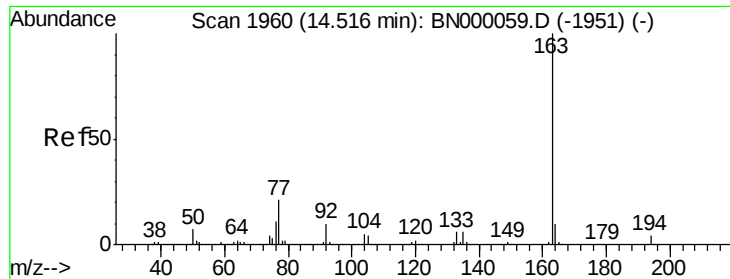
151 19.5 17.2 25.8

153 13.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BNC
Ion 151.00 (150.70 to 151.70): BNC
Ion 153.00 (152.70 to 153.70): BNC





#49

Dimethylphthalate

Concen: 4.16 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

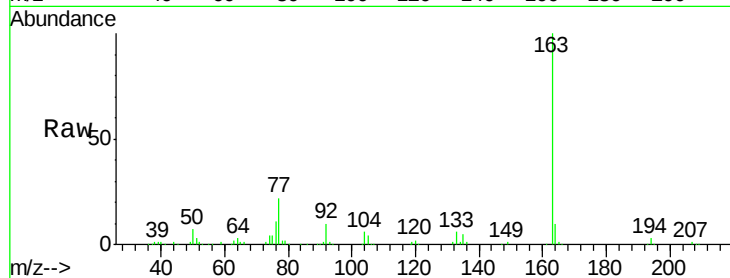
Tot Ion:163 Resp: 419064

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

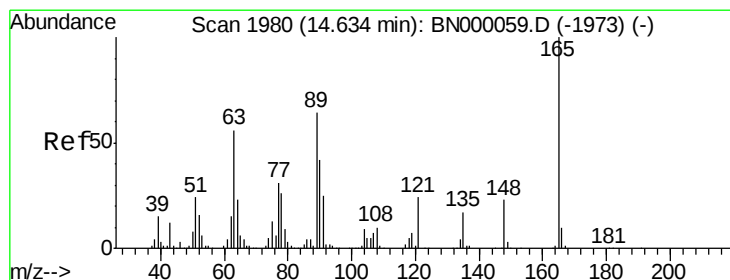
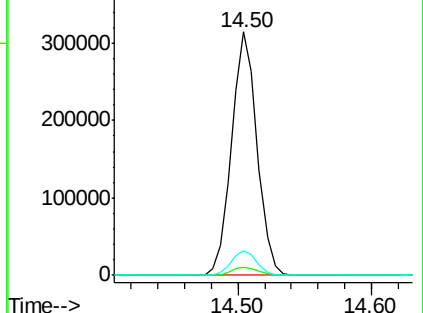
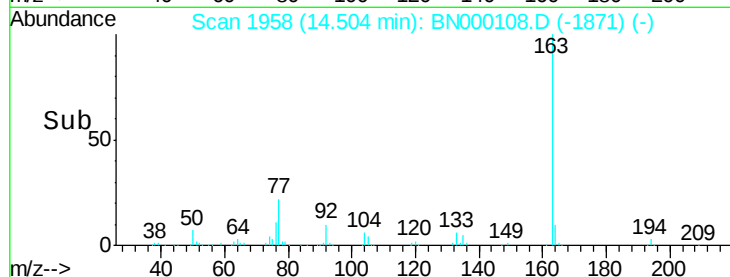
164 10.0 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 3.02 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

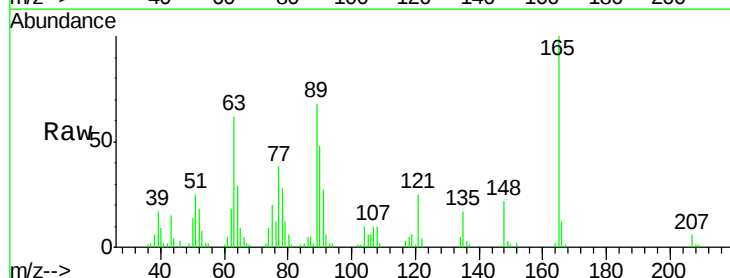
Tgt Ion:165 Resp: 62659

Ion Ratio Lower Upper

165 100

63 62.1 52.7 79.1

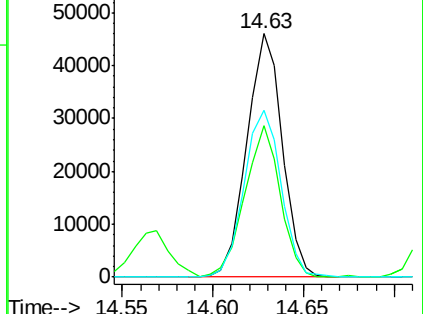
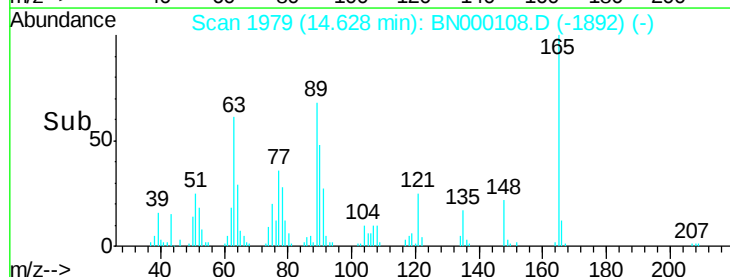
89 68.3 49.2 73.8

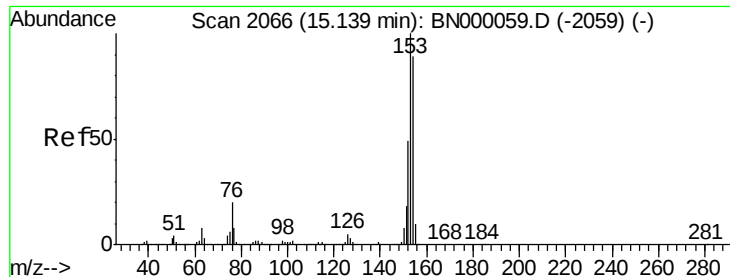


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 4.36 ng

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

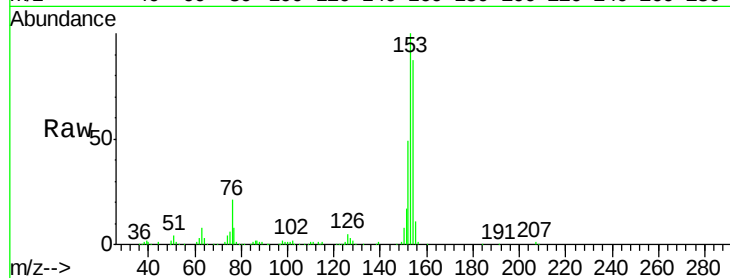
Tot Ion:154 Resp: 363635

Ion Ratio Lower Upper

154 100

153 114.5 90.4 135.6

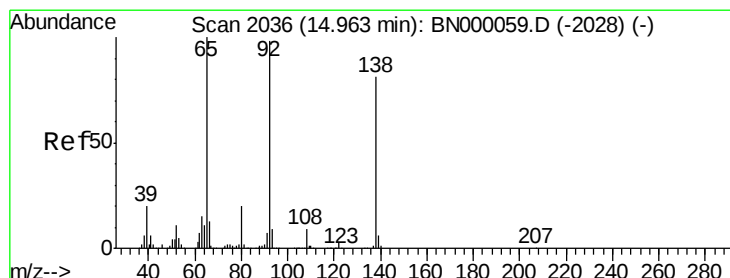
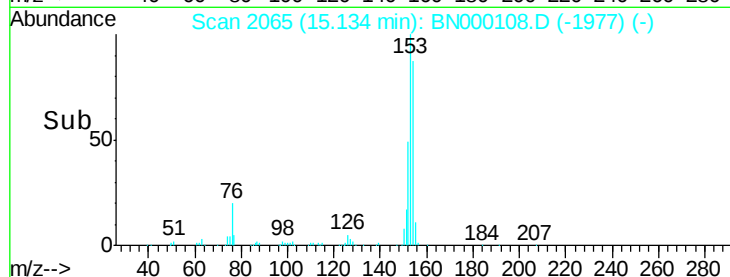
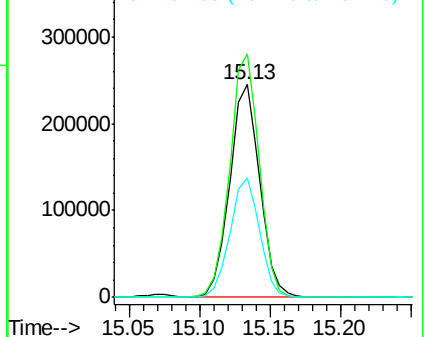
152 56.1 41.6 62.4



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



#52

3-Nitroaniline

Concen: 3.00 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

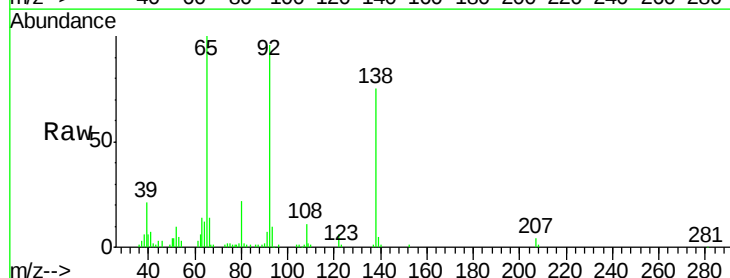
Tgt Ion:138 Resp: 75842

Ion Ratio Lower Upper

138 100

108 14.4 17.5 26.3#

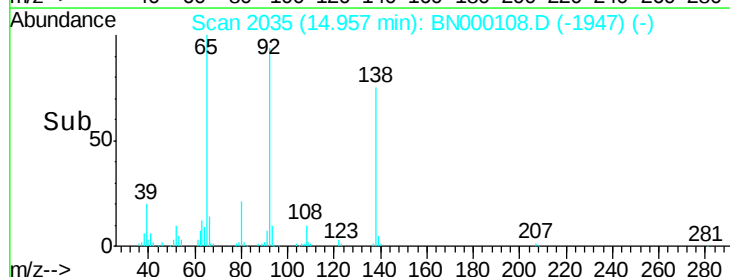
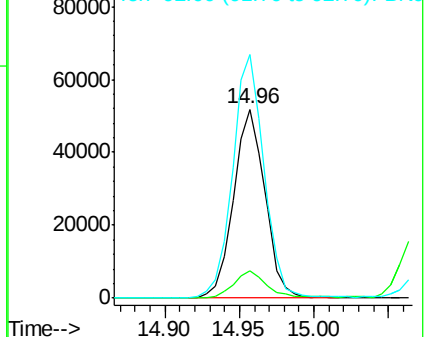
92 128.7 105.8 158.8

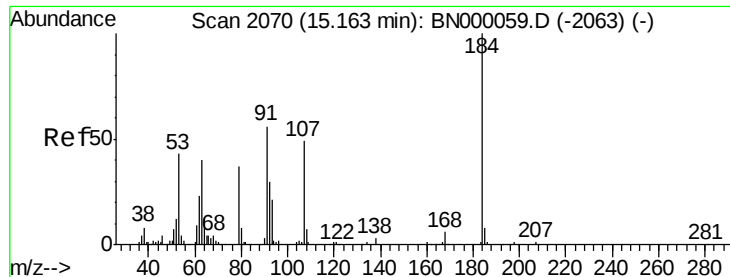


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

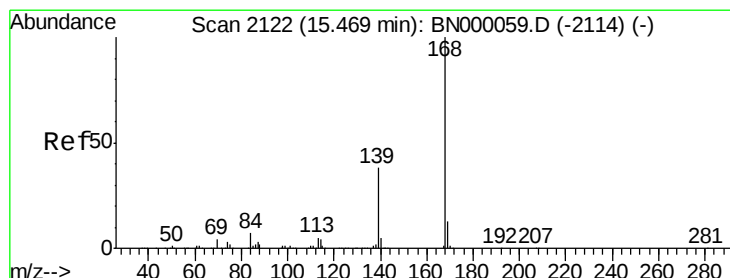
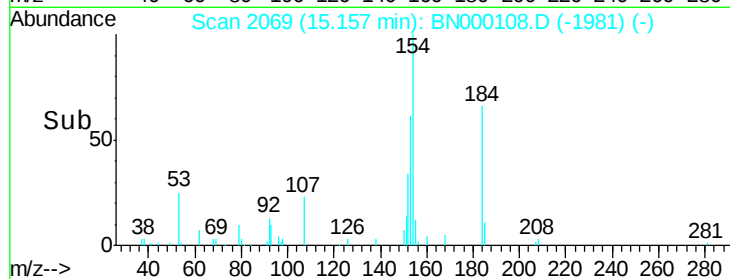
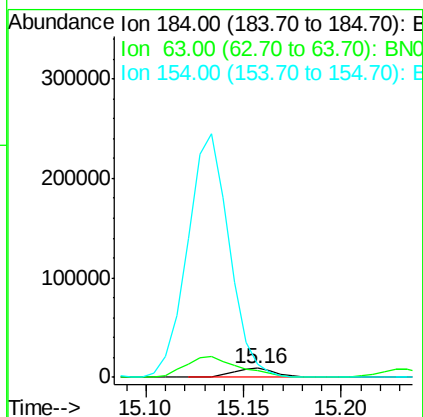
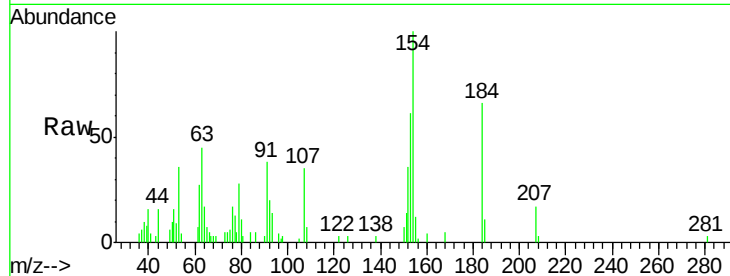




#53
2,4-Dinitrophenol
Concen: 10.91 ng
RT: 15.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

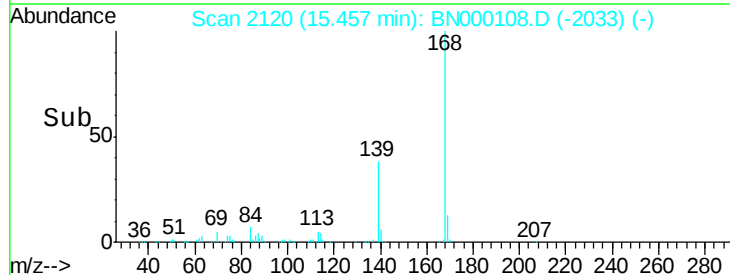
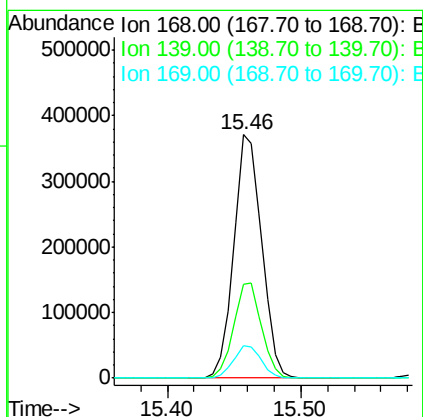
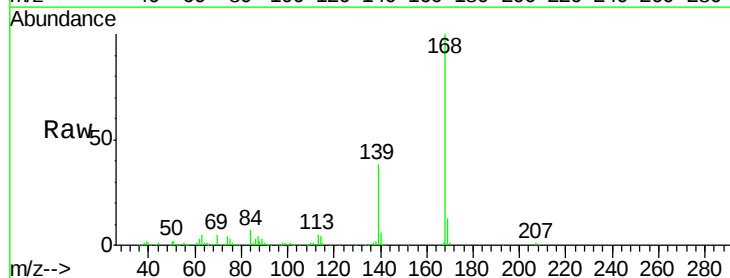
Instrument :
BNA_N
ClientSampleId :

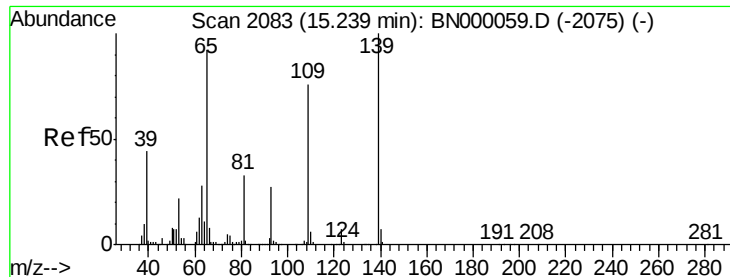
Tot Ion:184 Resp: 14015
Ion Ratio Lower Upper
184 100
63 68.7 80.0 120.0#
154 151.1 308.0 462.0#



#54
Dibenzofuran
Concen: 4.55 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:168 Resp: 537821
Ion Ratio Lower Upper
168 100
139 38.3 28.6 43.0
169 13.1 11.2 16.8





#55

4-Nitrophenol

Concen: 7.02 ng

RT: 15.23 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

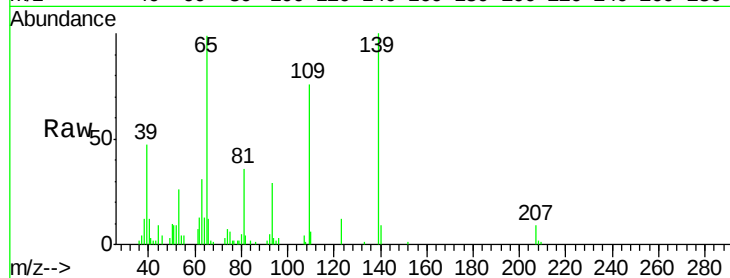
Tot Ion:139 Resp: 45175

Ion Ratio Lower Upper

139 100

109 76.2 62.2 102.2

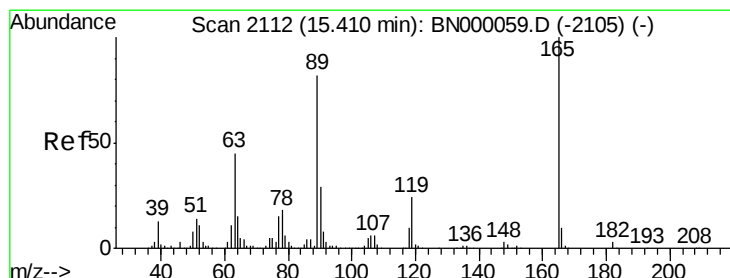
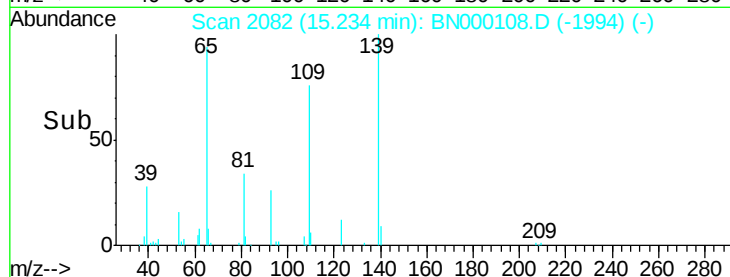
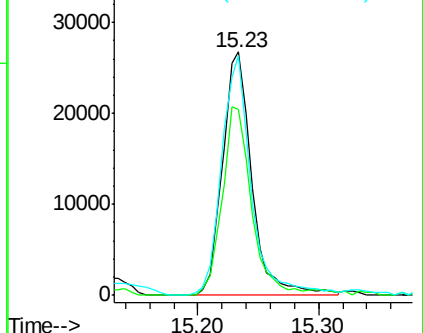
65 98.7 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC



#56

2,4-Dinitrotoluene

Concen: 6.51 ng

RT: 15.40 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion:165 Resp: 75973

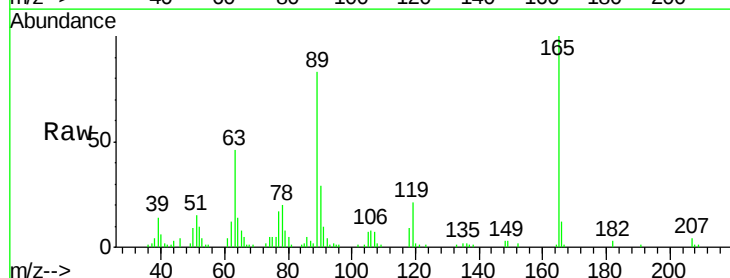
Ion Ratio Lower Upper

165 100

63 45.7 42.0 63.0

89 82.8 66.9 100.3

182 2.7 2.6 3.8

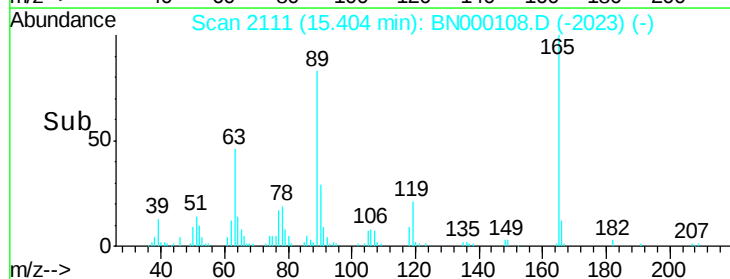
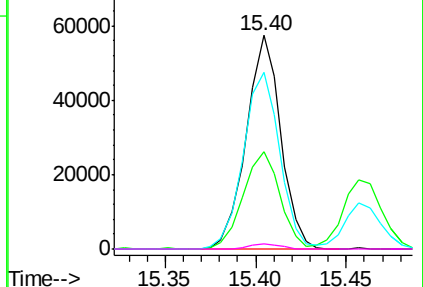


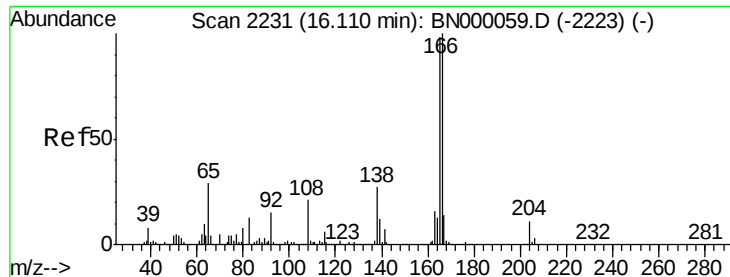
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 4.54 ng

RT: 16.10 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

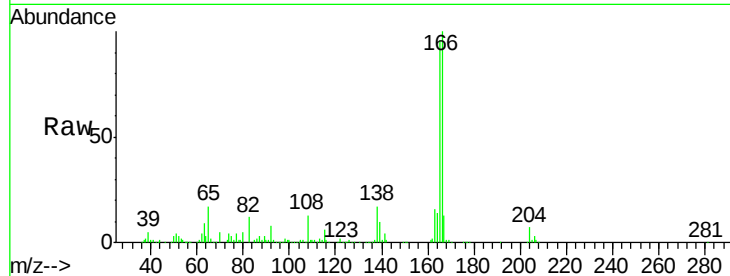
Tot Ion:166 Resp: 437881

Ion Ratio Lower Upper

166 100

165 95.6 80.6 121.0

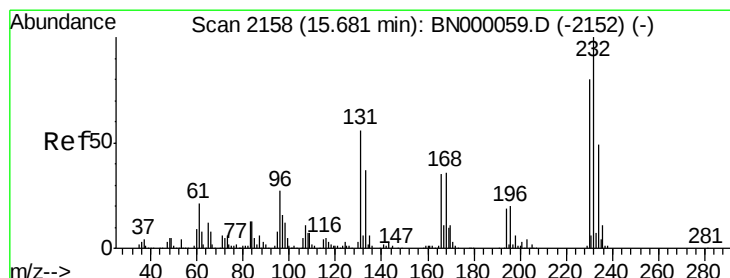
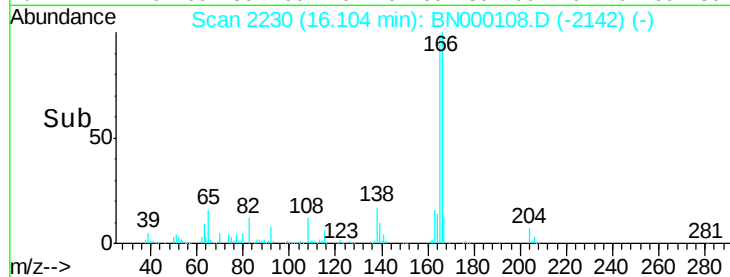
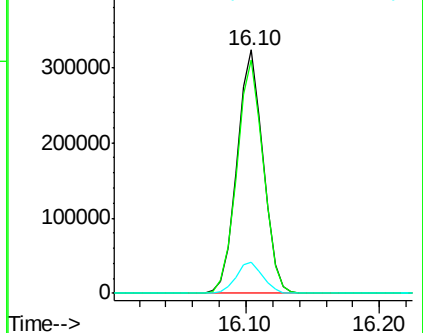
167 13.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.42 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion:232 Resp: 69196

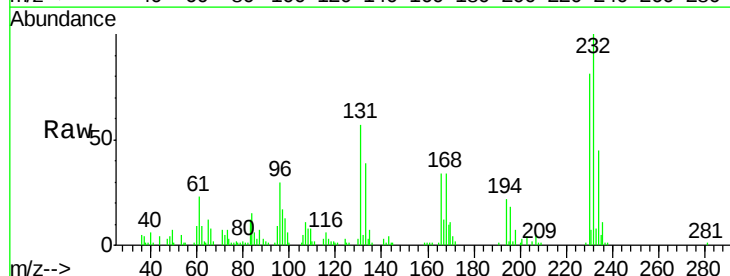
Ion Ratio Lower Upper

232 100

131 53.7 33.5 50.3#

130 3.0 2.2 3.2

166 34.7 24.8 37.2

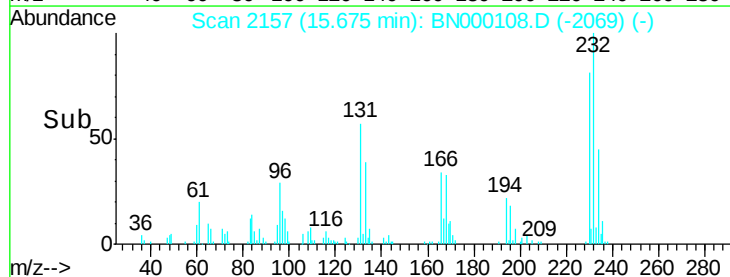
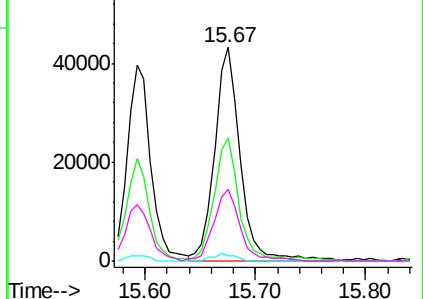


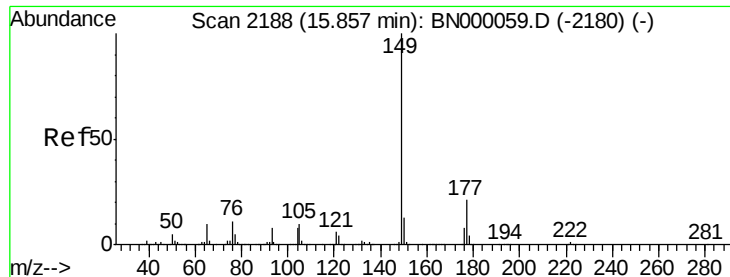
Abundance Ion 232.00 (231.70 to 232.70): E

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

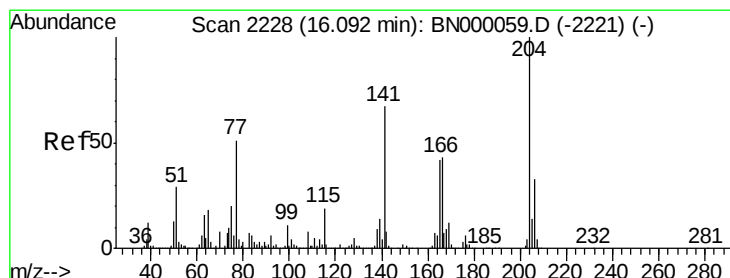
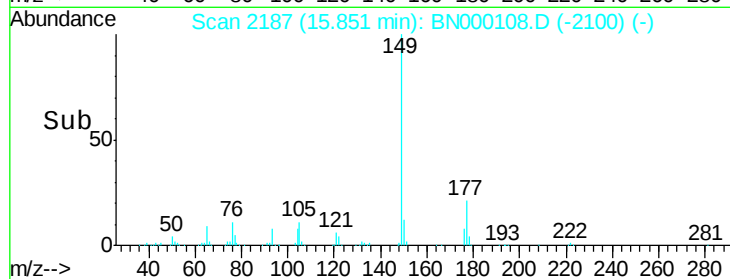
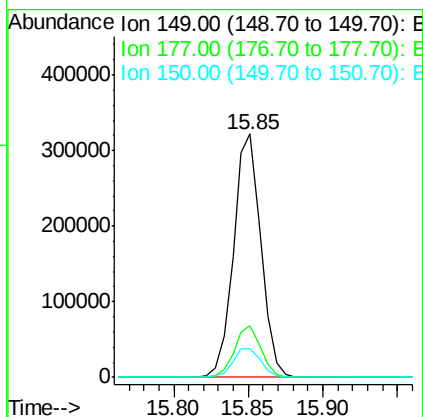
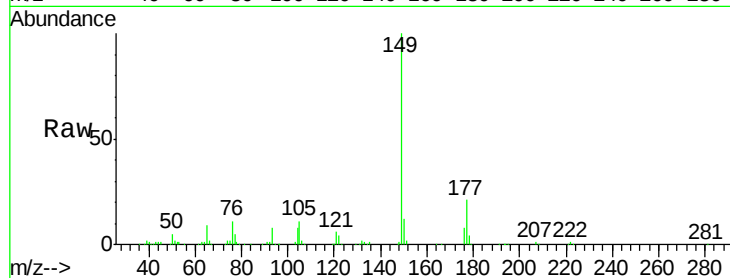




#59
Diethylphthalate
Concen: 4.02 ng
RT: 15.85 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

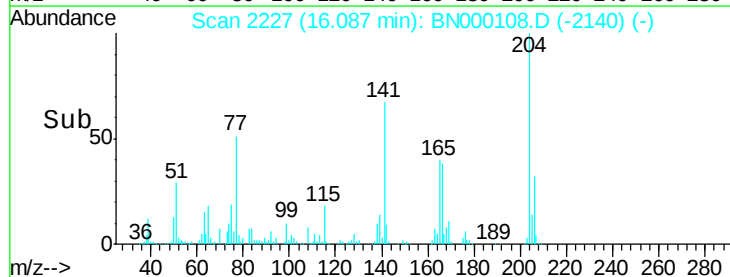
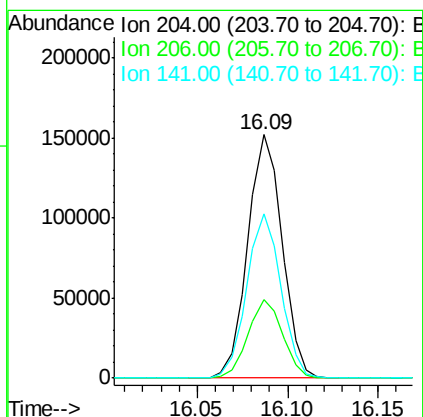
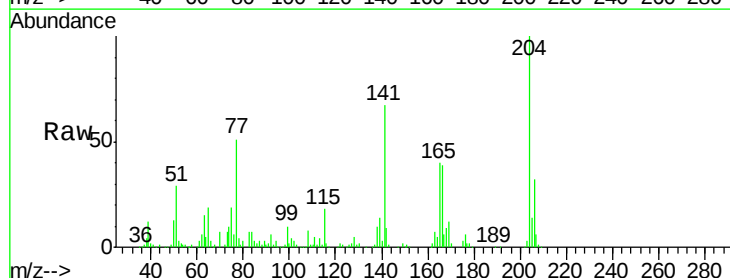
Instrument :
BNA_N
ClientSampleId :

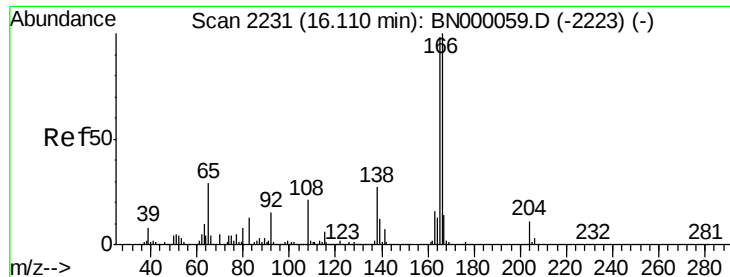
Tot Ion:149 Resp: 411454
Ion Ratio Lower Upper
149 100
177 21.0 18.5 27.7
150 11.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 4.57 ng
RT: 16.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:204 Resp: 200882
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 67.4 45.8 68.6





#61

4-Nitroaniline

Concen: 2.99 ng

RT: 16.10 min Scan# 2230

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

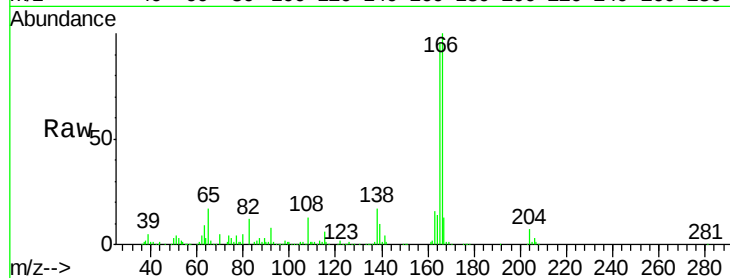
Tot Ion:138 Resp: 77650

Ion	Ratio	Lower	Upper
138	100		
92	48.5	40.1	80.1
108	75.3	65.4	105.4

138 100

92 48.5 40.1 80.1

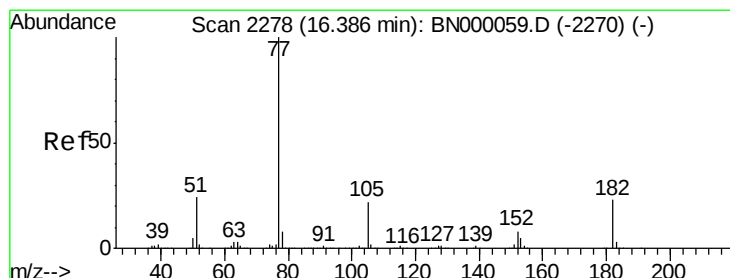
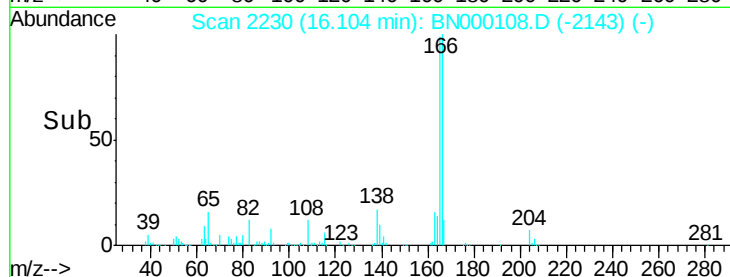
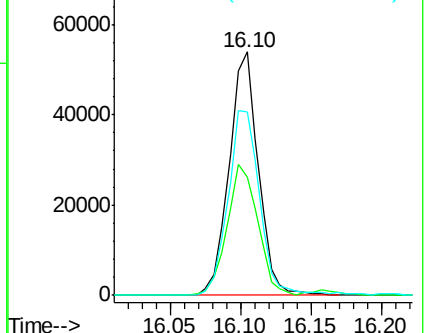
108 75.3 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 4.03 ng

RT: 16.38 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Tgt Ion: 77 Resp: 410102

Ion	Ratio	Lower	Upper
77	100		
182	23.2	7.4	47.4
105	21.3	0.3	40.3
51	23.9	11.6	51.6

77 100

182 23.2 7.4 47.4

105 21.3 0.3 40.3

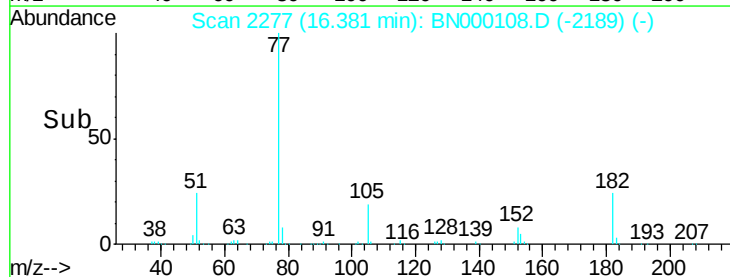
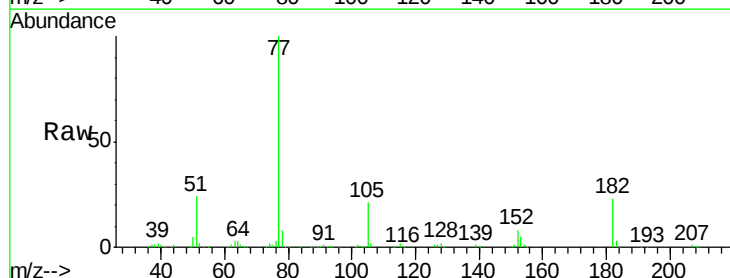
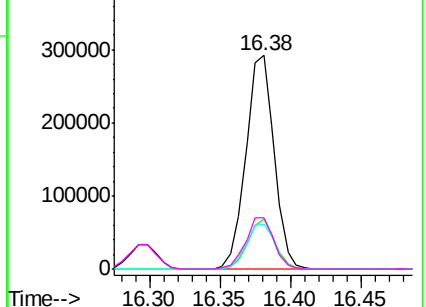
51 23.9 11.6 51.6

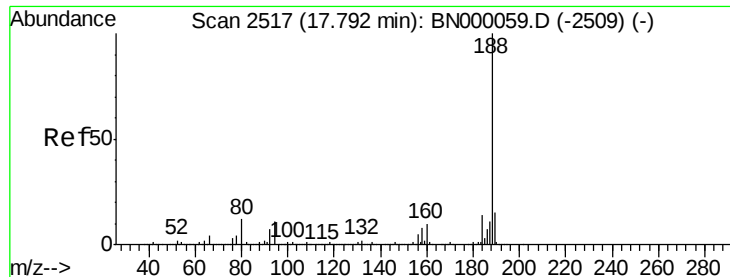
Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BNC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.79 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampled :

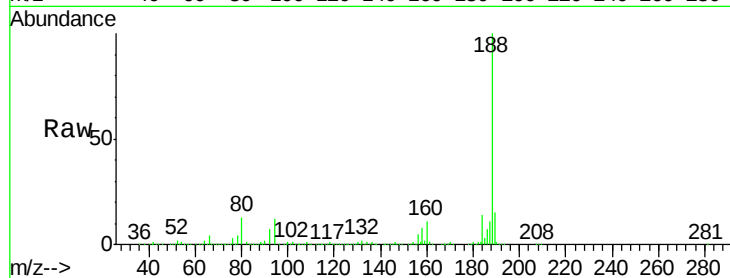
Tot Ion:188 Resp: 2625289

Ion Ratio Lower Upper

188 100

94 11.8 6.9 10.3#

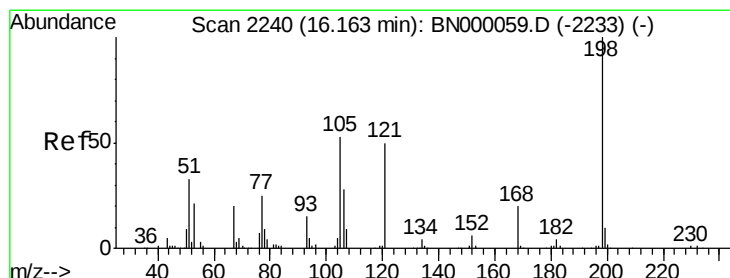
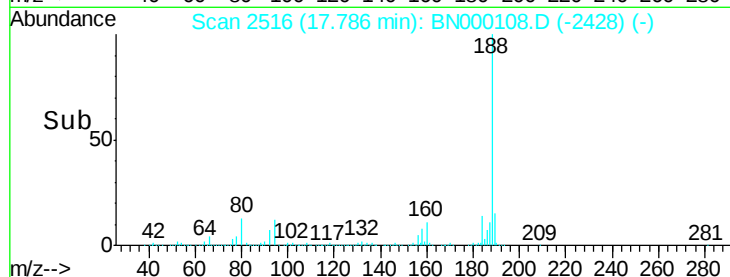
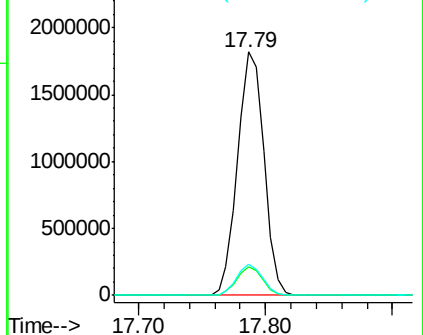
80 12.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 10.37 ng

RT: 16.16 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

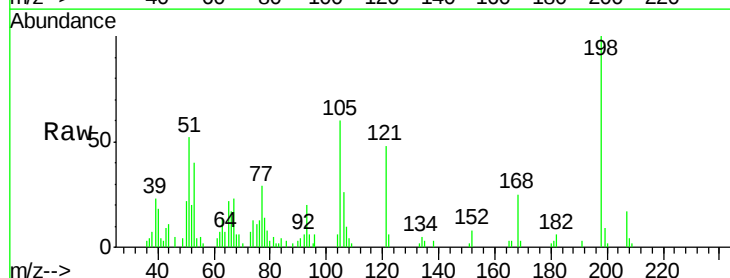
Tgt Ion:198 Resp: 25256

Ion Ratio Lower Upper

198 100

51 51.5 30.6 70.6

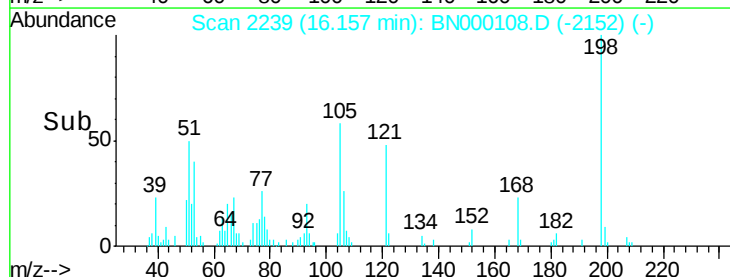
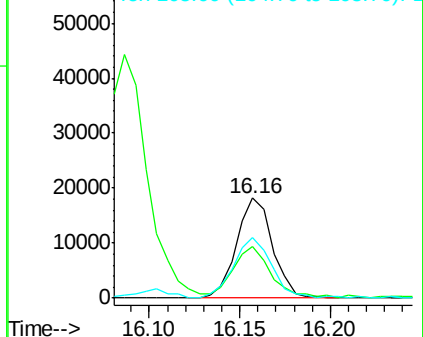
105 60.2 23.8 63.8

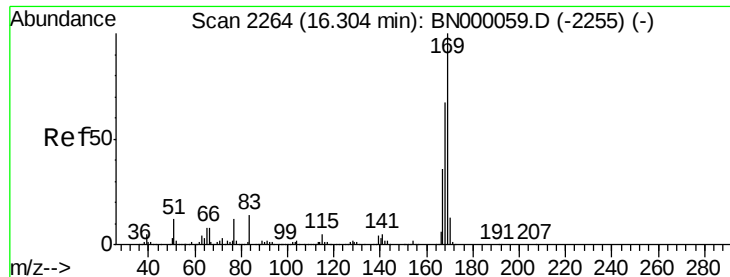


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

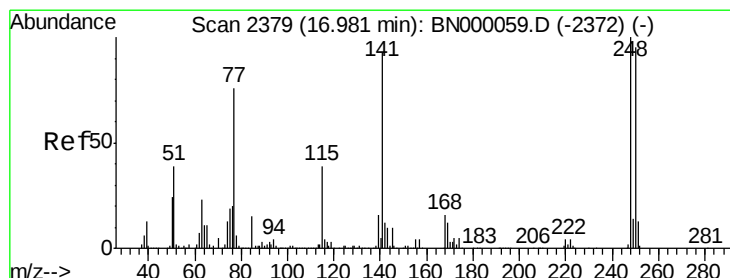
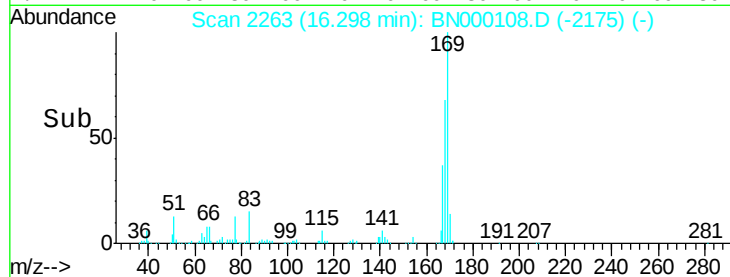
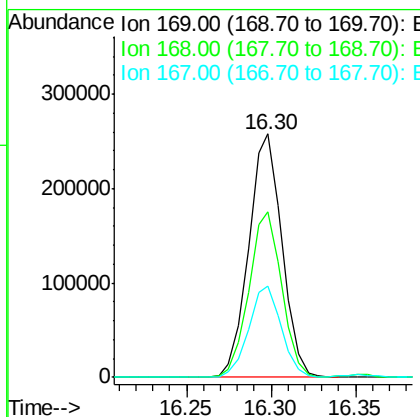
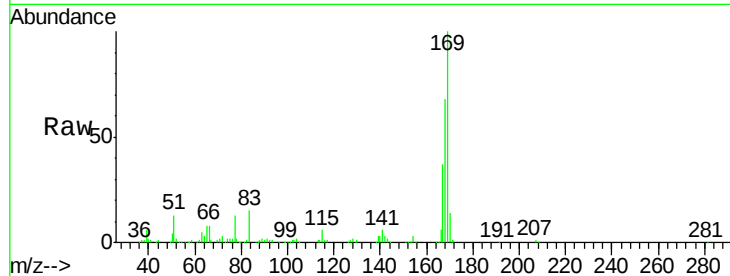




#65
 n-Nitrosodiphenylamine
 Concen: 4.13 ng
 RT: 16.30 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

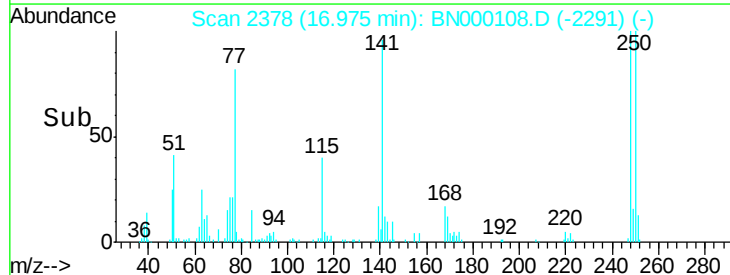
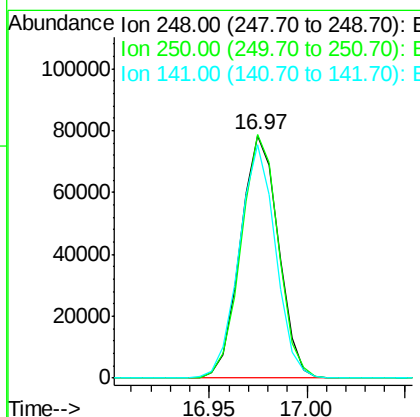
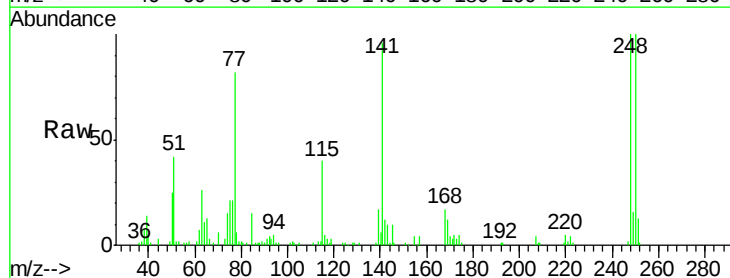
Instrument :
 BNA_N
 ClientSampleId :

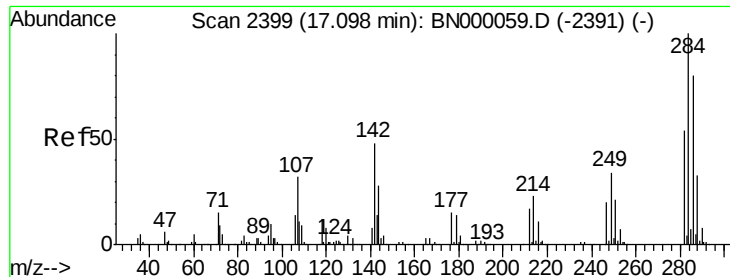
Tot Ion:169 Resp: 353177
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.7 83.5
 167 37.5 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.23 ng
 RT: 16.97 min Scan# 2378
 Delta R.T. -0.02 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:248 Resp: 105564
 Ion Ratio Lower Upper
 248 100
 250 100.2 77.1 115.7
 141 96.2 50.8 76.2#

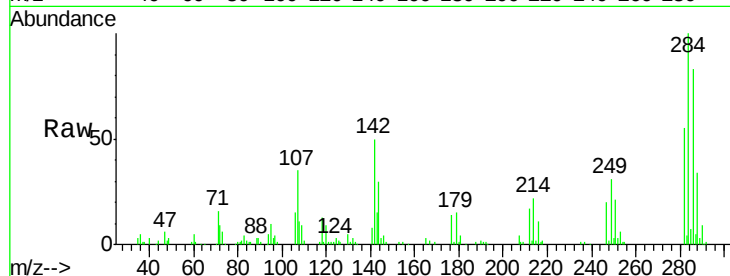




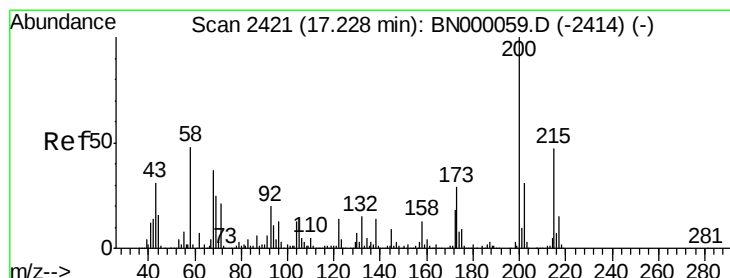
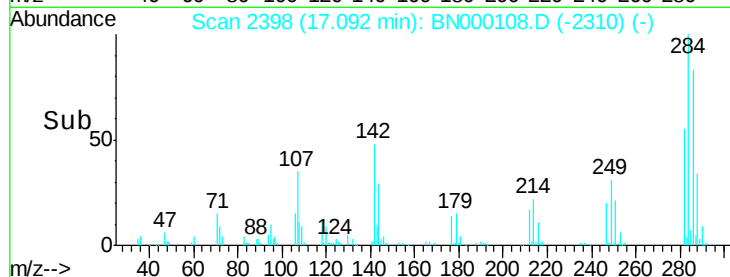
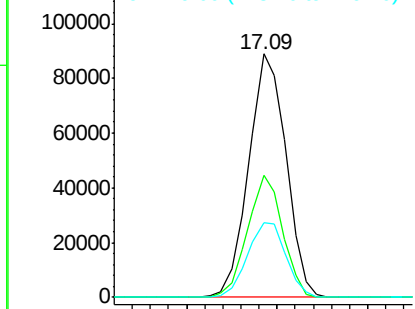
#67
Hexachlorobenzene
Concen: 4.36 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Instrument :
BNA_N
ClientSampled :

Tot Ion:284 Resp: 127057
Ion Ratio Lower Upper
284 100
142 49.9 26.8 40.2#
249 30.9 26.3 39.5

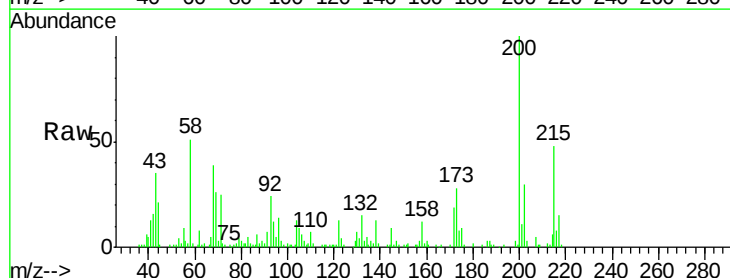


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

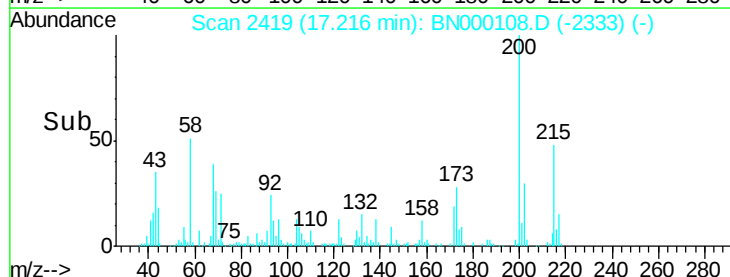
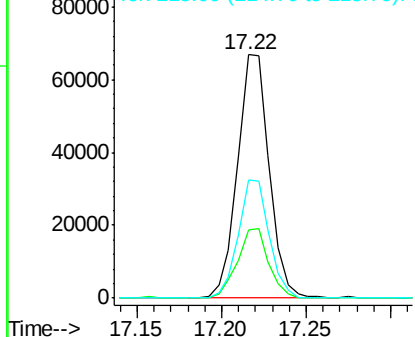


#68
Atrazine
Concen: 3.15 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion:200 Resp: 87543
Ion Ratio Lower Upper
200 100
173 28.2 5.2 45.2
215 48.5 30.4 70.4



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

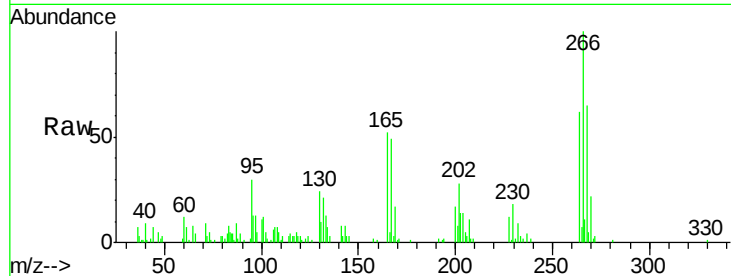




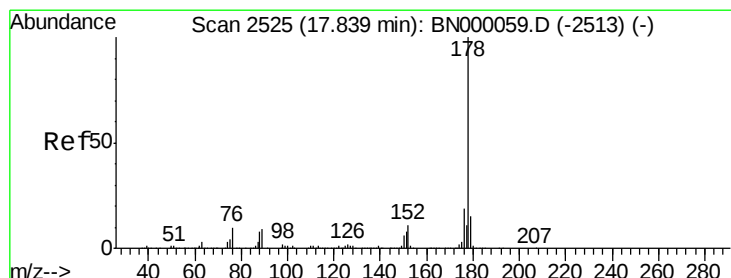
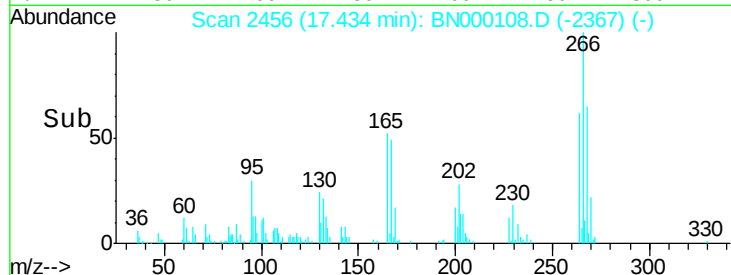
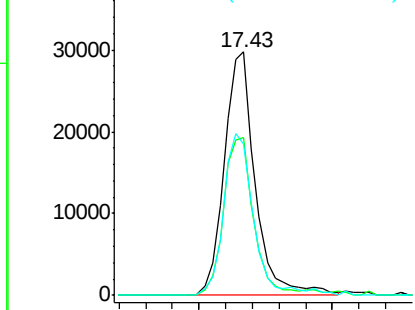
#69
Pentachlorophenol
Concen: 8.07 ng
RT: 17.43 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	62.3	49.6	74.4

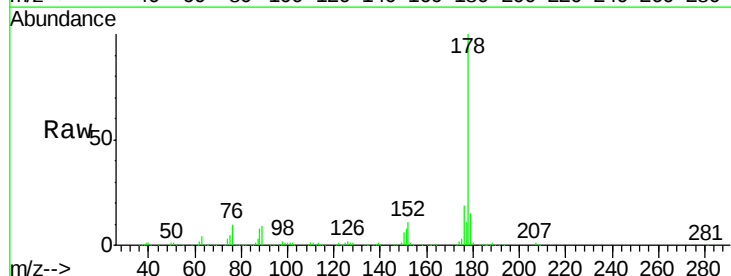


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

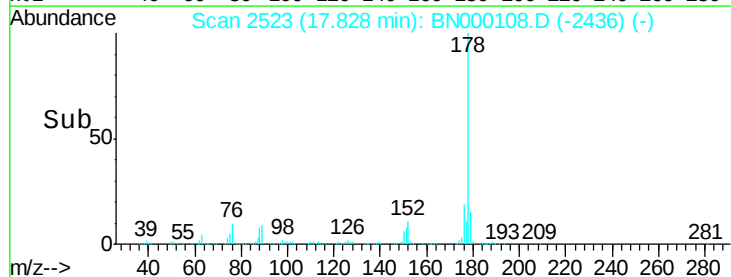
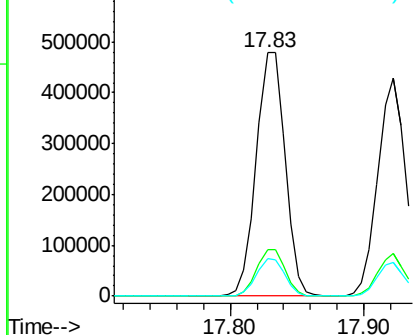


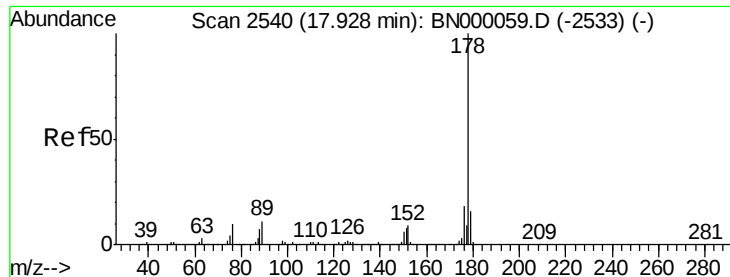
#70
Phenanthrene
Concen: 4.63 ng
RT: 17.83 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.5	18.7



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

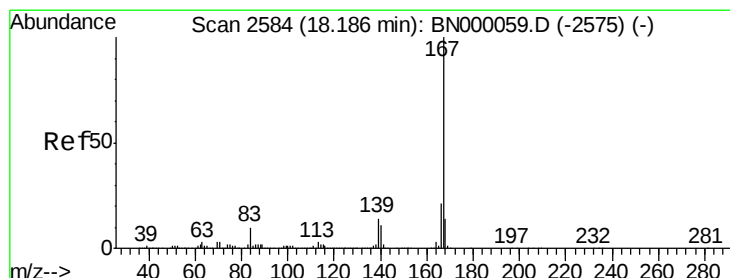
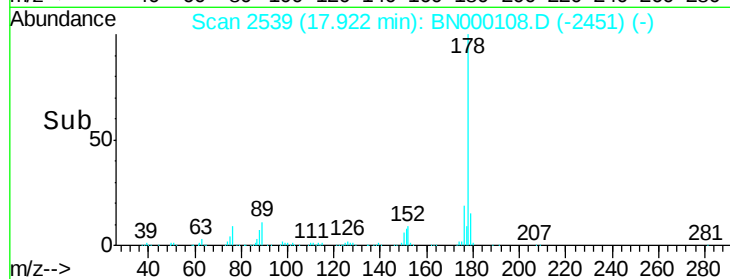
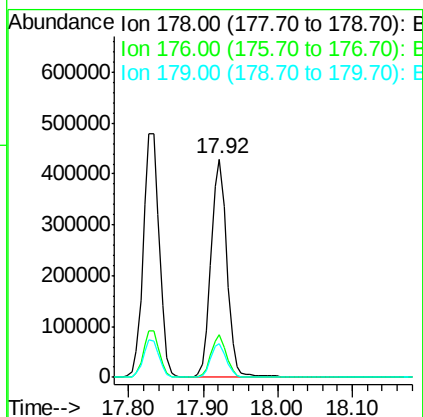
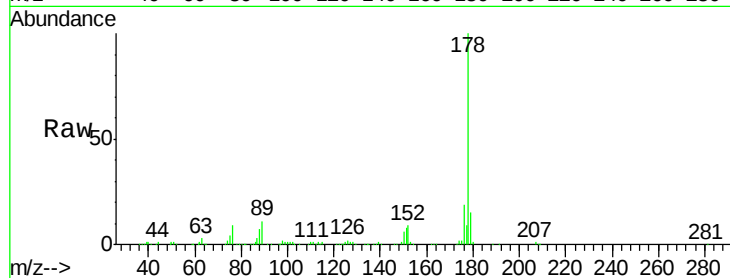




#71
 Anthracene
 Concen: 4.21 ng
 RT: 17.92 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

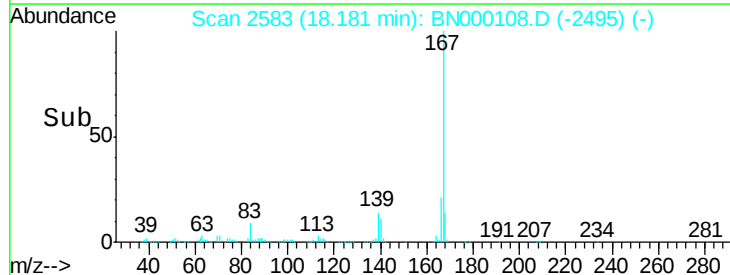
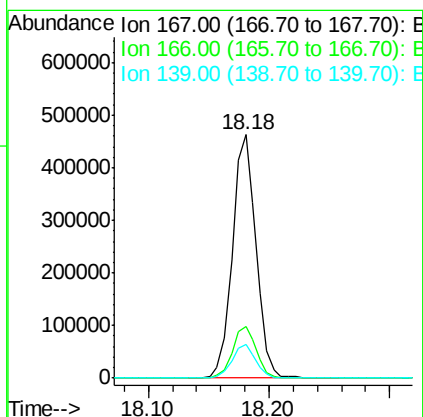
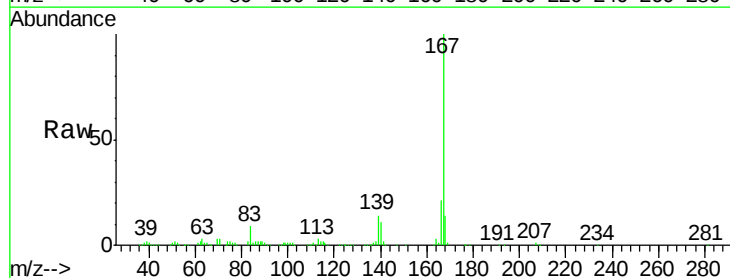
Instrument :
 BNA_N
 ClientSampleId :

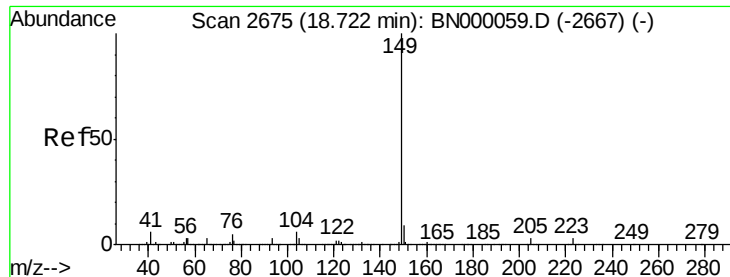
Tot Ion:178 Resp: 632233
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 4.16 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:167 Resp: 629495
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 3.26 ng

RT: 18.71 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

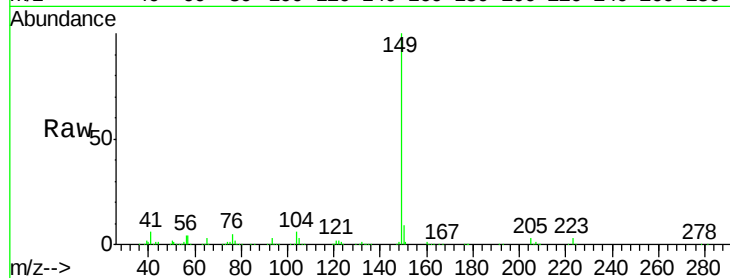
Tot Ion:149 Resp: 544509

Ion Ratio Lower Upper

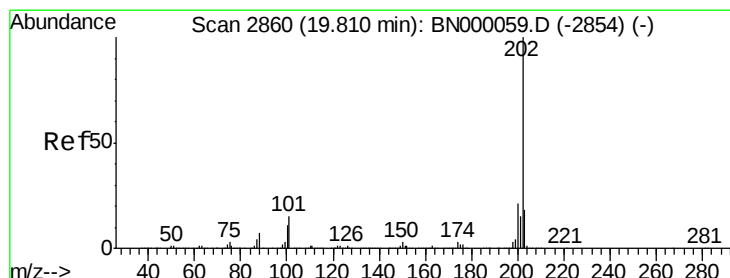
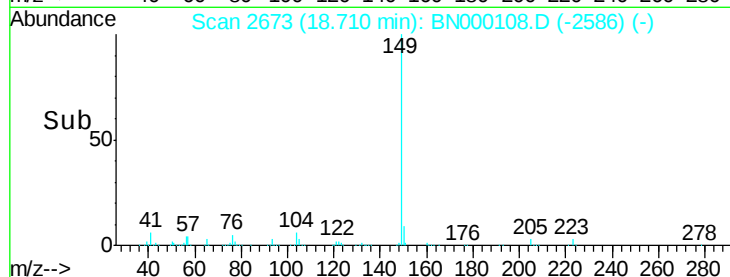
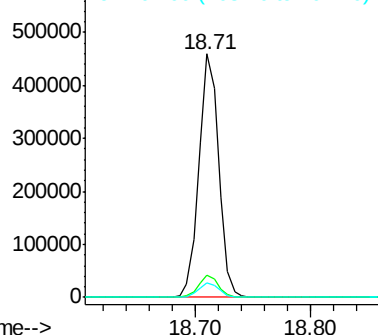
149 100

150 9.1 7.8 11.6

104 6.0 3.9 5.9#



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



#74

Fluoranthene

Concen: 4.27 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

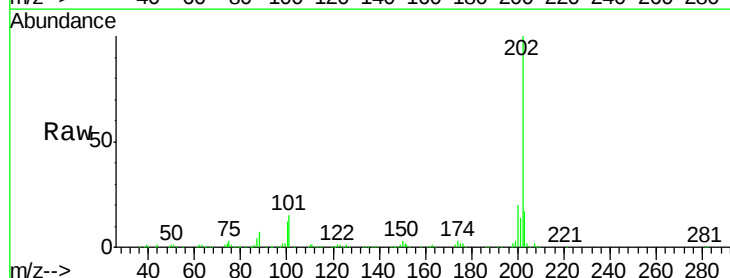
Tgt Ion:202 Resp: 694212

Ion Ratio Lower Upper

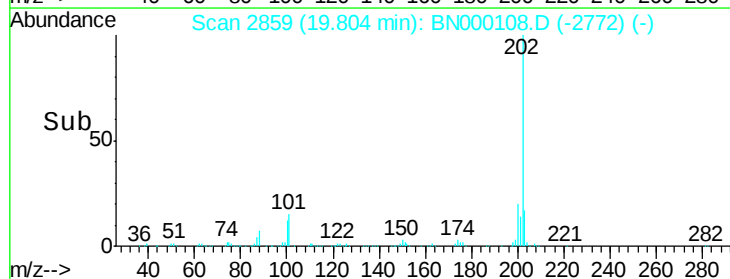
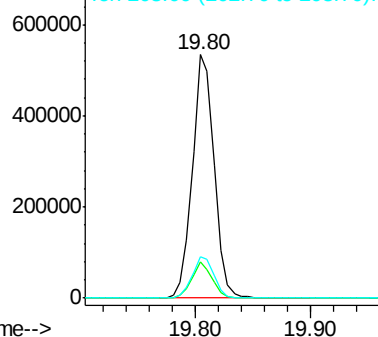
202 100

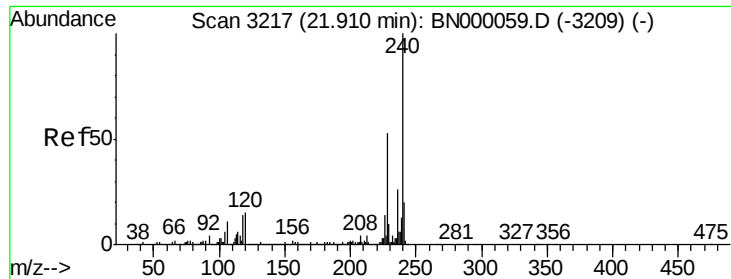
101 14.8 0.0 28.9

203 17.1 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampled :

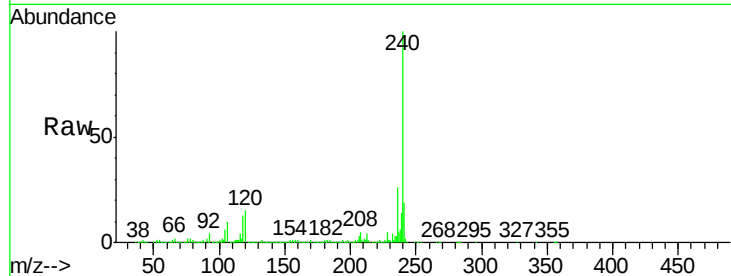
Tot Ion:240 Resp: 2774738

Ion Ratio Lower Upper

240 100

120 14.7 6.8 10.2#

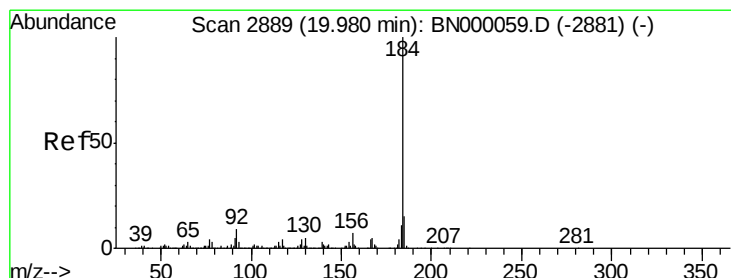
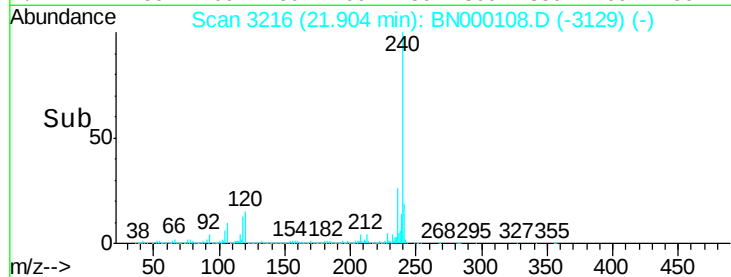
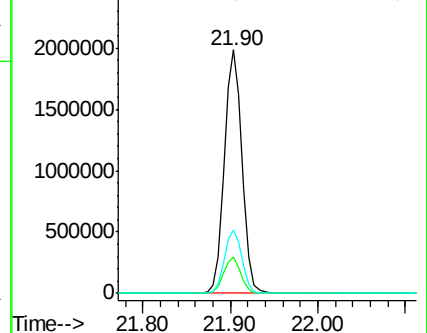
236 26.0 20.9 31.3



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



#76

Benzidine

Concen: 2.01 ng

RT: 20.35 min Scan# 2952

Delta R.T. 0.36 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

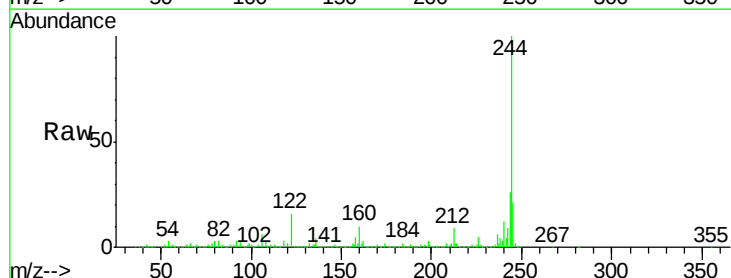
Tgt Ion:184 Resp: 178132

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

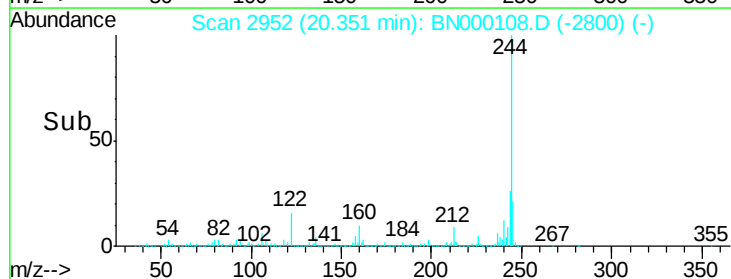
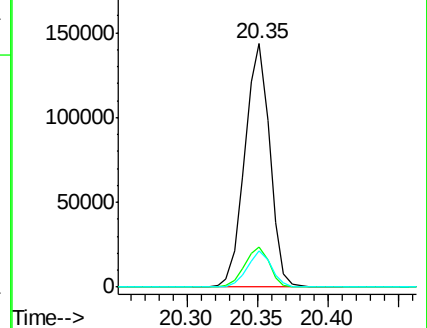
183 14.7 10.6 16.0

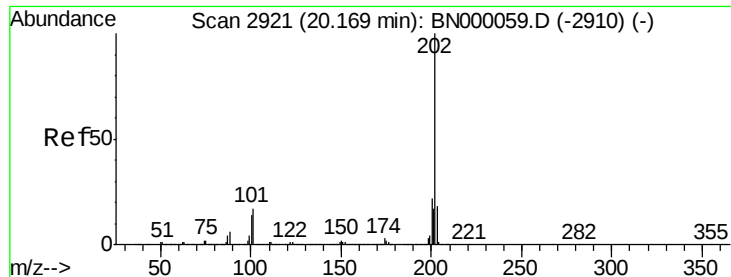


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

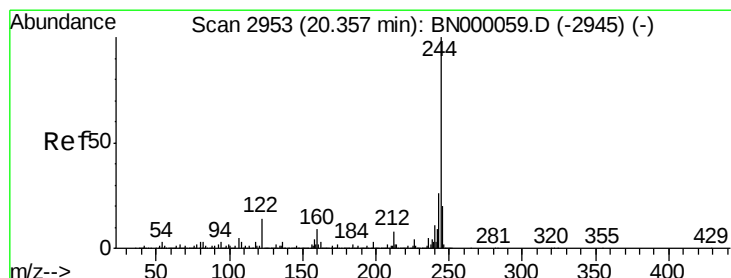
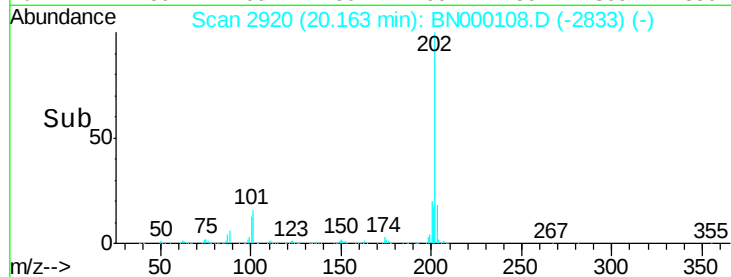
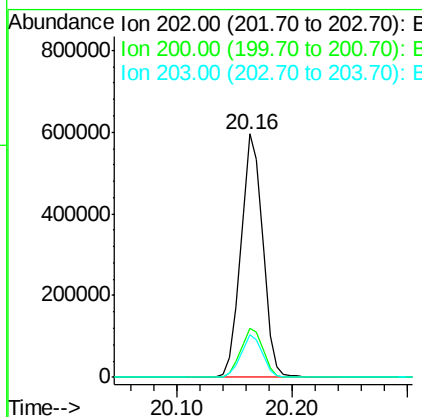
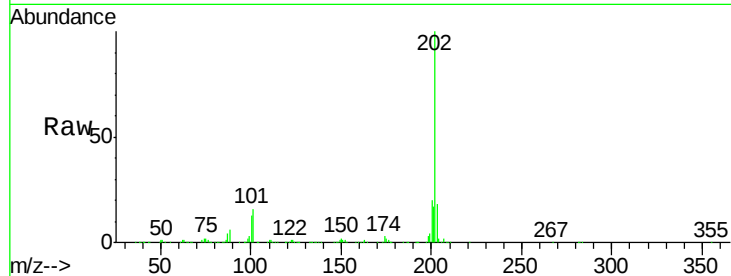




#77
Pvrene
Concen: 4.43 ng
RT: 20.16 min Scan# 2920
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

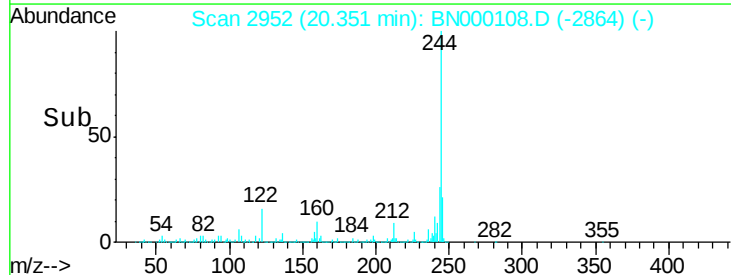
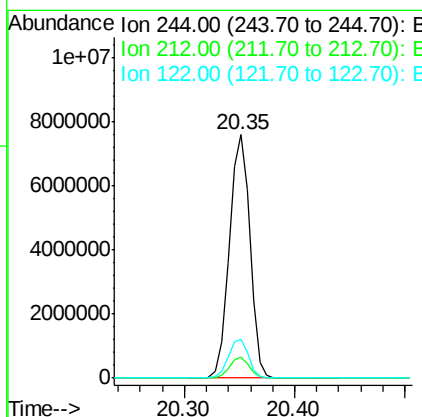
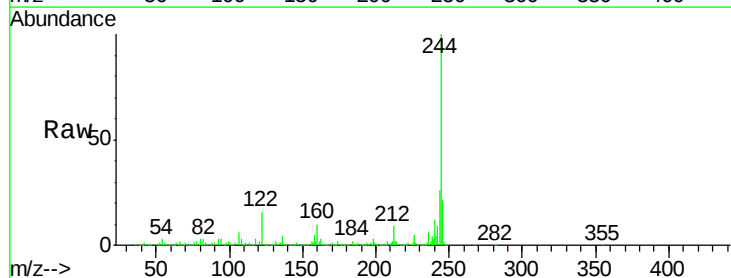
Instrument :
BNA_N
ClientSampleId :

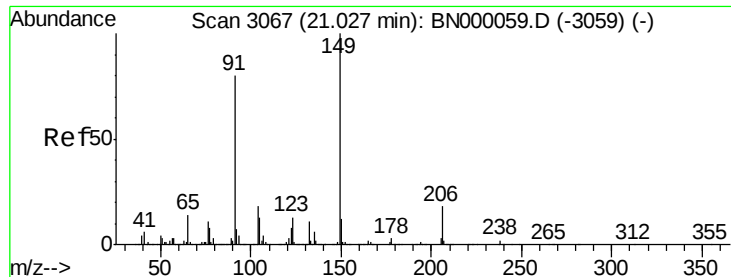
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.7	13.9	20.9



#78
Terphenyl-d14
Concen: 96.64 ng
RT: 20.35 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	16.0	7.0	10.4

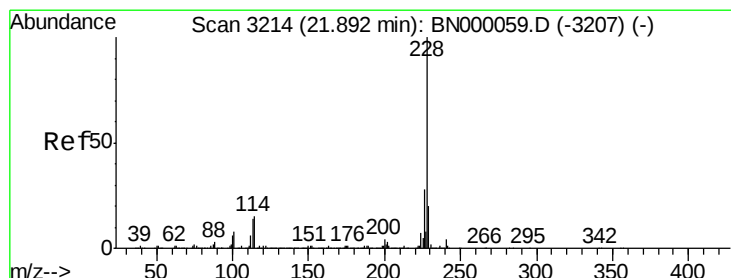
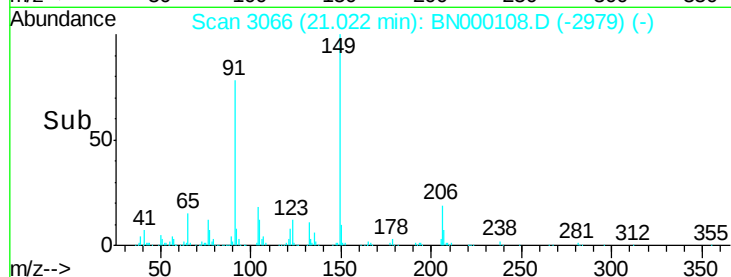
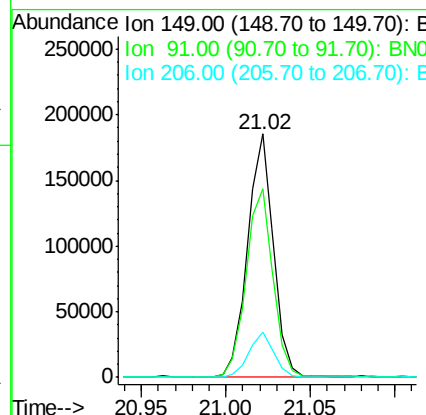
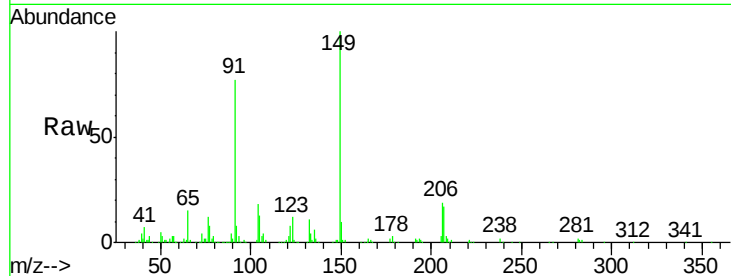




#79
Butylbenzylphthalate
Concen: 7.47 ng
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

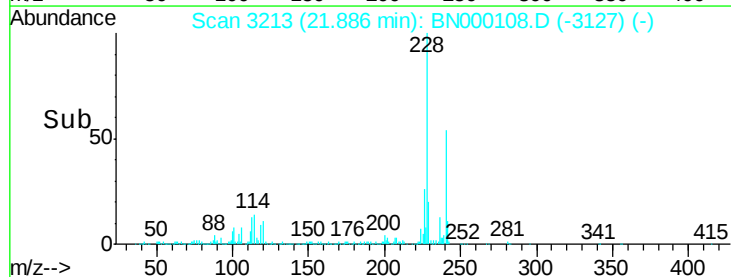
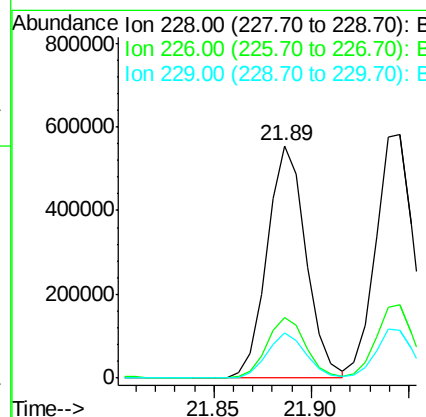
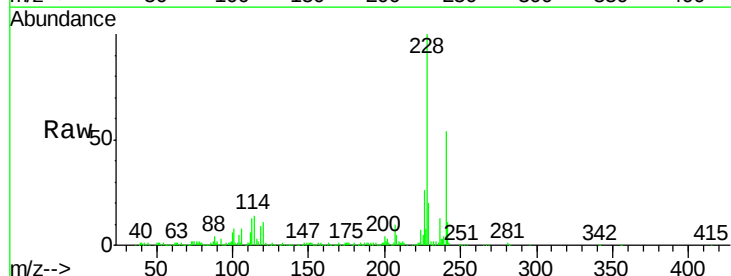
Instrument :
BNA_N
ClientSampleId :

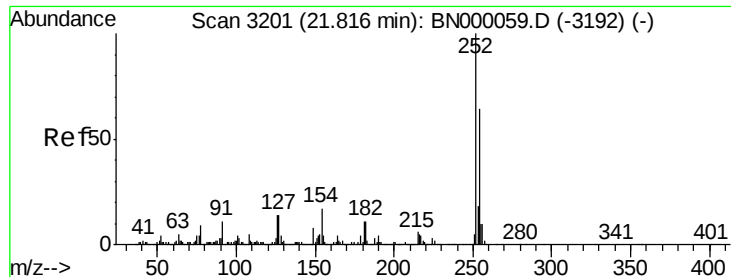
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.5	62.2	93.2
206	18.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 4.47 ng
RT: 21.89 min Scan# 3213
Delta R.T. -0.02 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.7	34.1
229	19.5	16.2	24.2

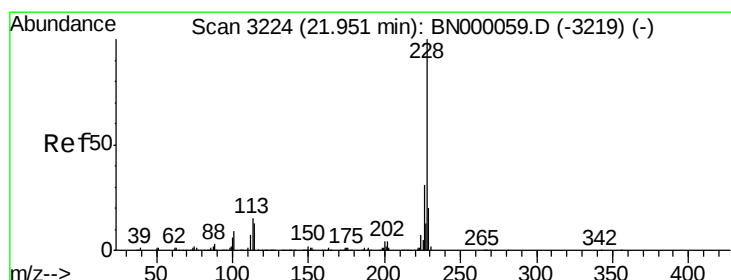
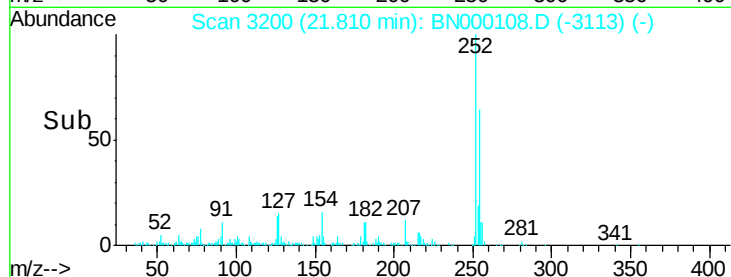
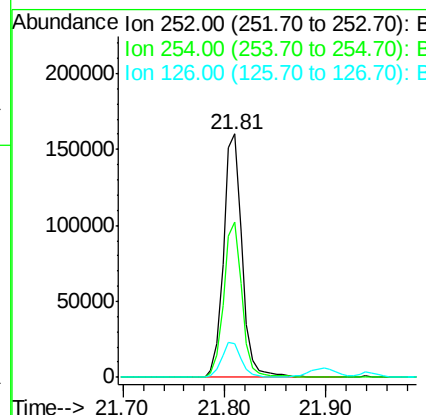
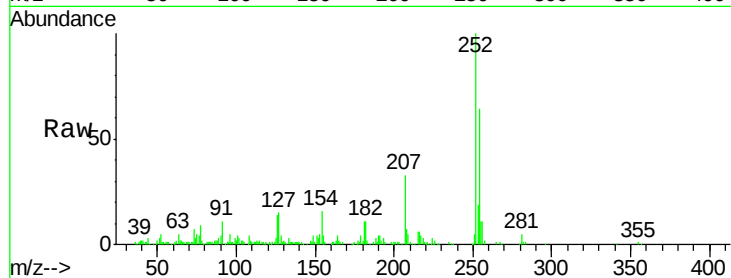




#81
 3,3'-Dichlorobenzidine
 Concen: 3.25 ng
 RT: 21.81 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

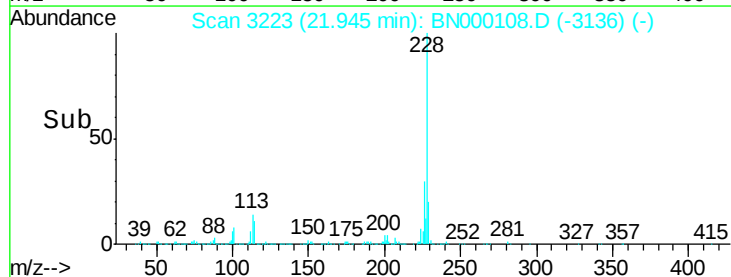
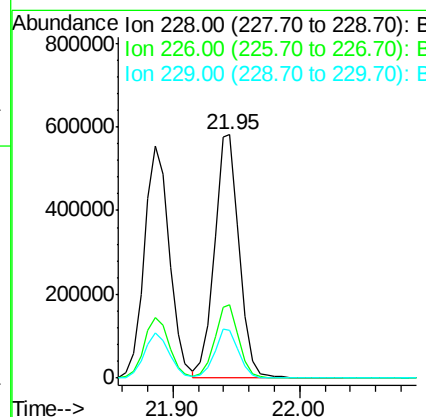
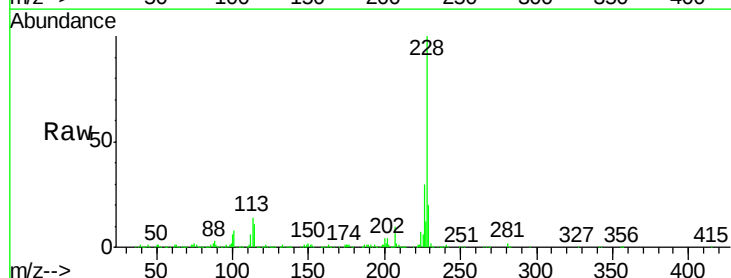
Instrument :
 BNA_N
 ClientSampleId :

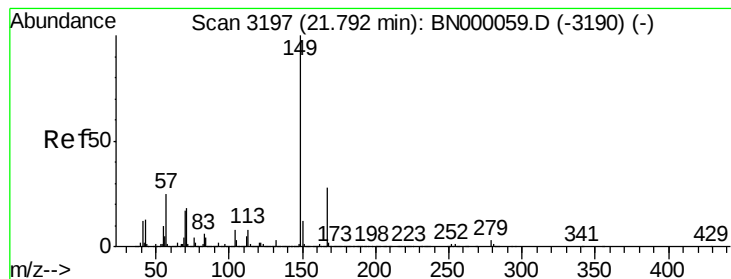
Tot Ion:252 Resp: 203393
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.8 76.2
 126 13.7 7.4 11.2#



#82
 Chrysene
 Concen: 4.64 ng
 RT: 21.95 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:228 Resp: 788603
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.7 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.30 ng

RT: 21.78 min Scan# 3195

Delta R.T. -0.03 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

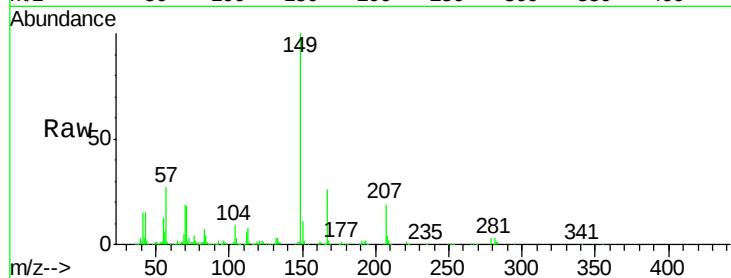
Tot Ion:149 Resp: 316550

Ion Ratio Lower Upper

149 100

167 25.9 24.3 36.5

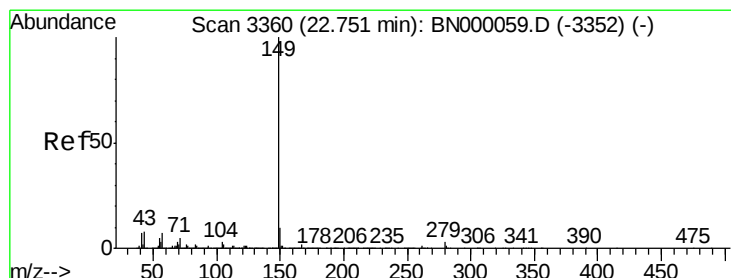
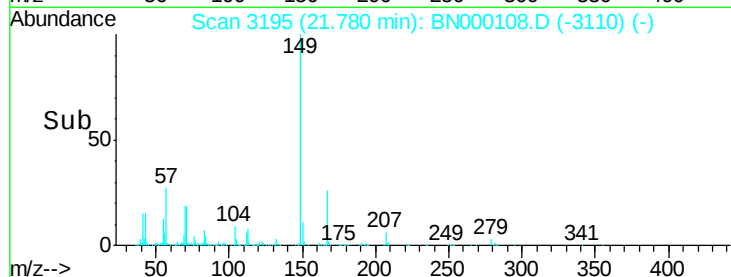
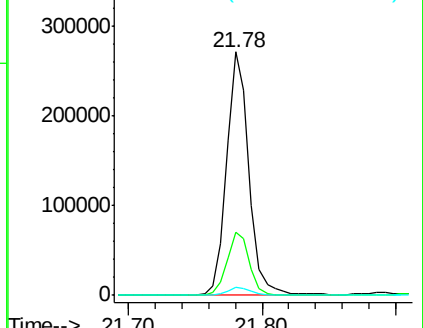
279 3.1 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 8.29 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.03 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

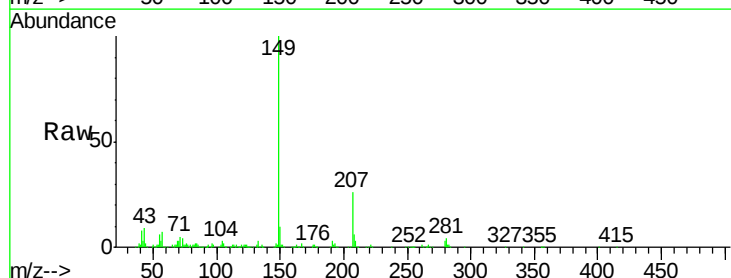
Tgt Ion:149 Resp: 429822

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

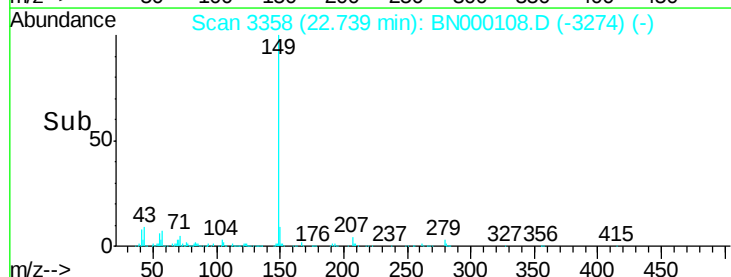
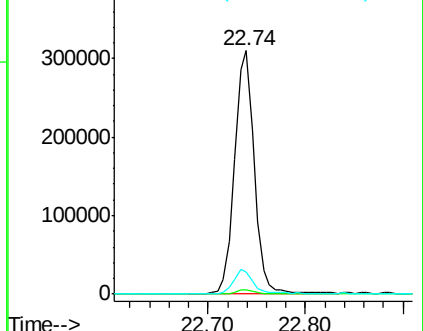
43 9.7 8.9 13.3

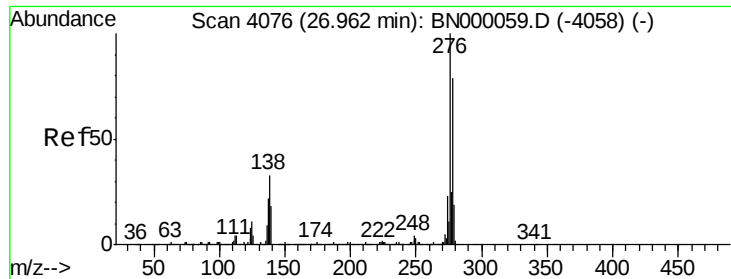


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC

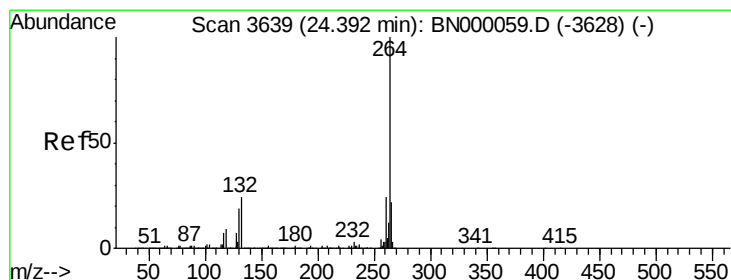
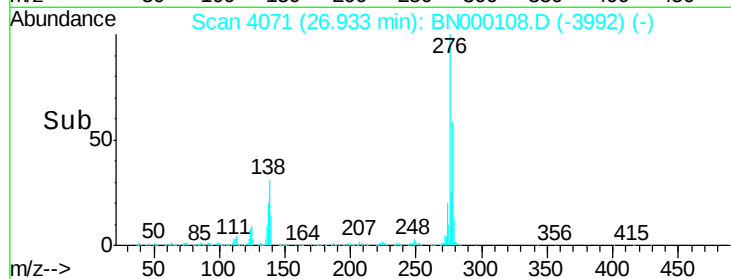
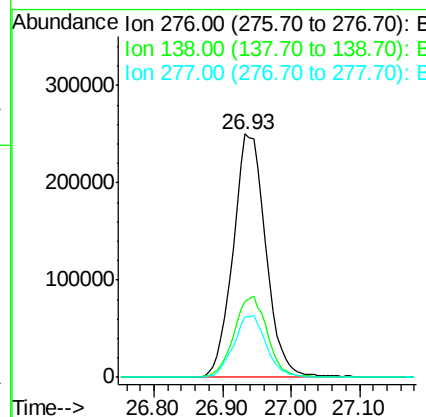
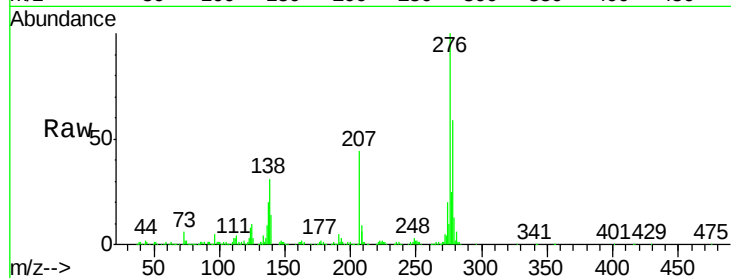




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.97 ng
 RT: 26.93 min Scan# 4071
 Delta R.T. -0.06 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

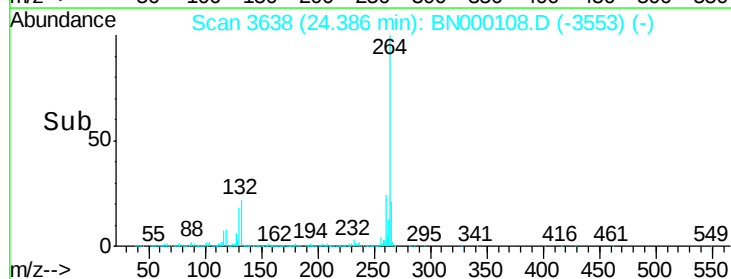
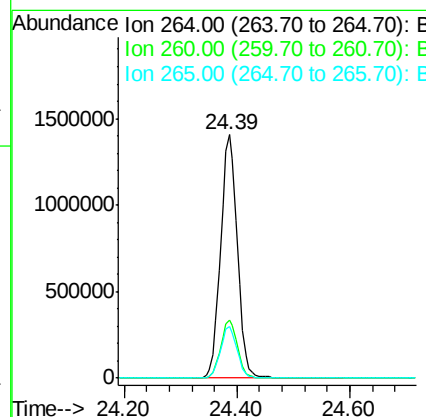
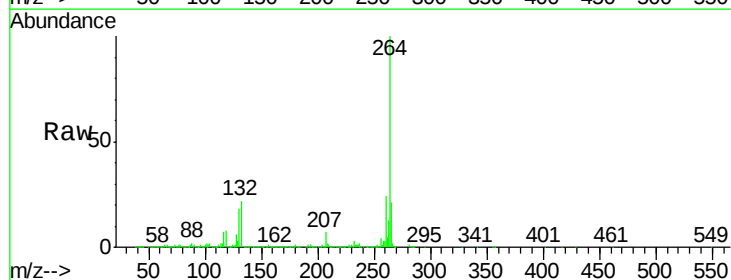
Instrument :
 BNA_N
 ClientSampleId :

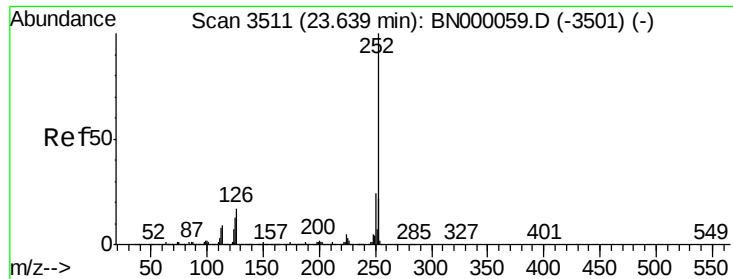
Tot Ion:276 Resp: 827995
 Ion Ratio Lower Upper
 276 100
 138 33.9 16.0 24.0#
 277 25.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.39 min Scan# 3638
 Delta R.T. -0.03 min
 Lab File: BN000108.D
 Acq: 15 Feb 2018 21:35

Tgt Ion:264 Resp: 2895917
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 21.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 4.31 ng

RT: 23.63 min Scan# 3509

Delta R.T. -0.03 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

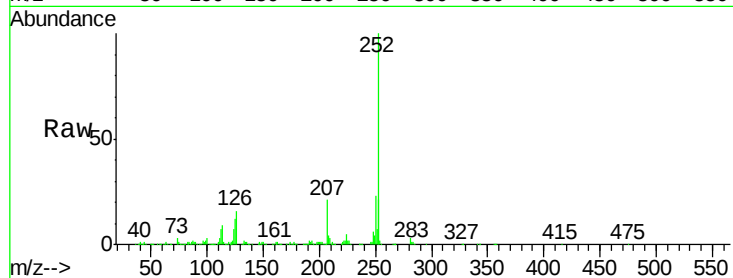
Tot Ion:252 Resp: 730604

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

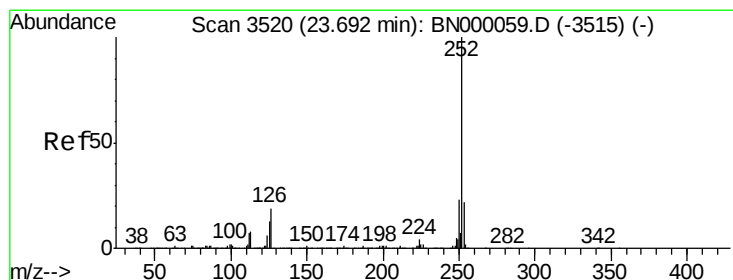
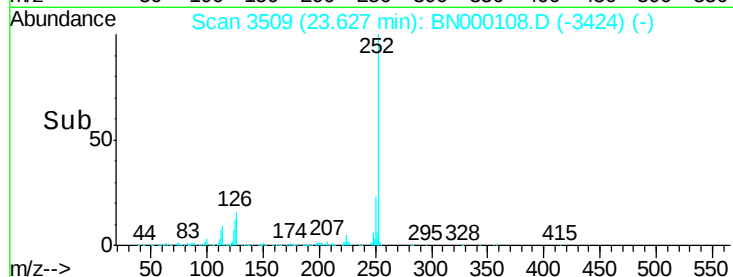
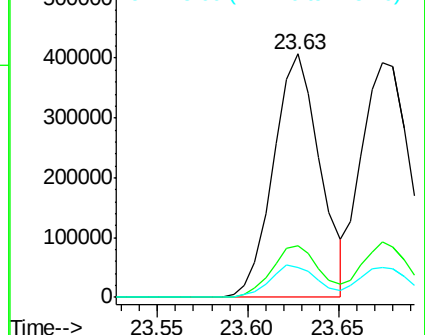
125 12.3 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 4.36 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.04 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

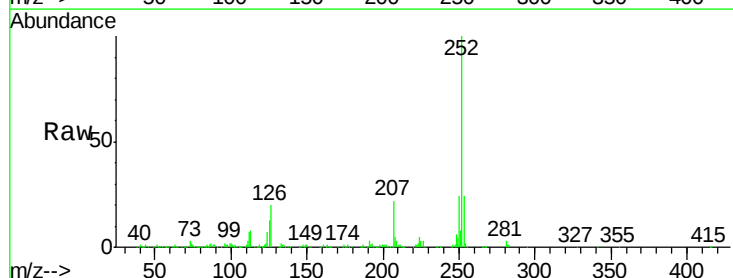
Tgt Ion:252 Resp: 745108

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

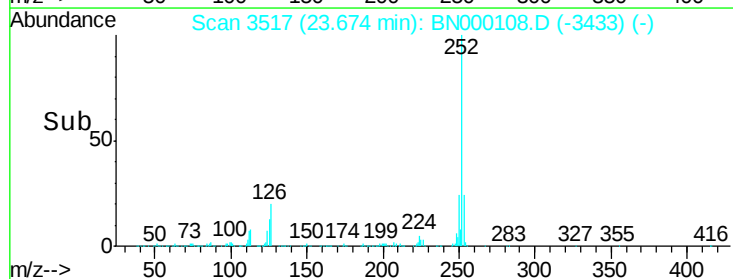
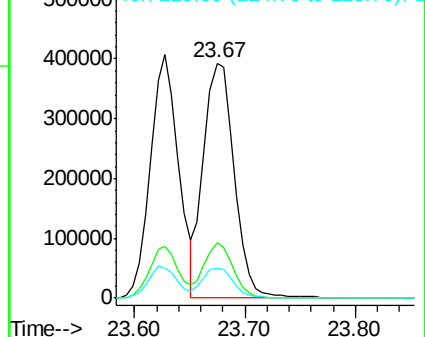
125 13.0 6.6 9.8#

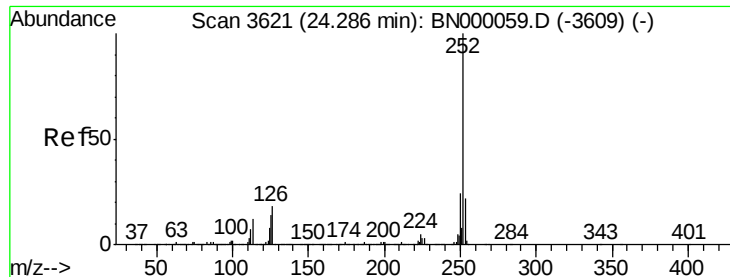


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

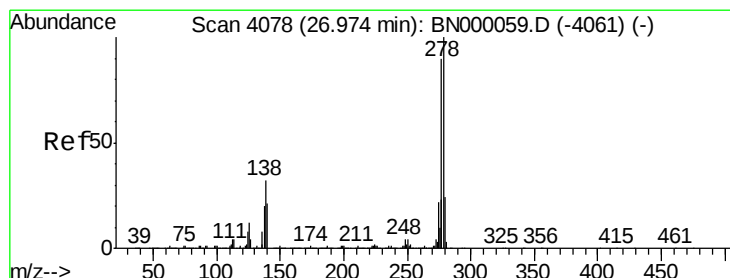
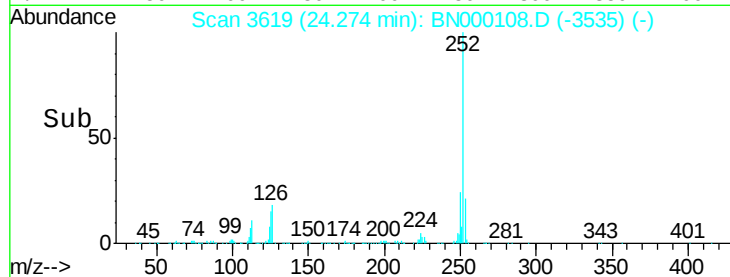
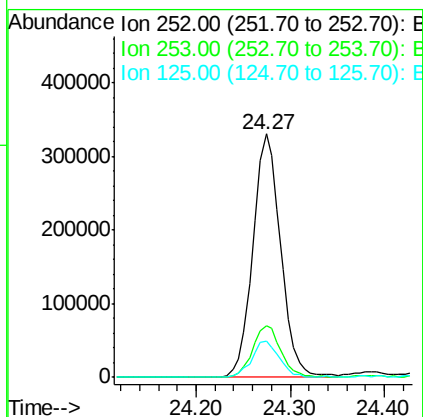
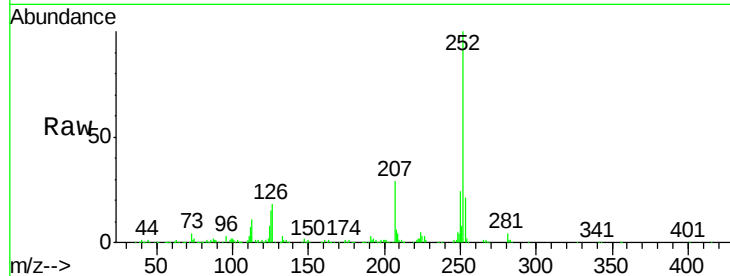




#89
Benzo(a)pyrene
Concen: 4.17 ng
RT: 24.27 min Scan# 3619
Delta R.T. -0.04 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

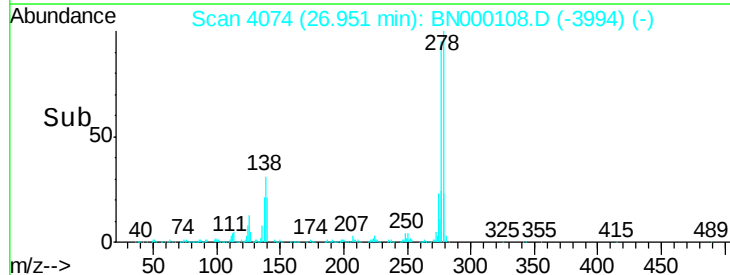
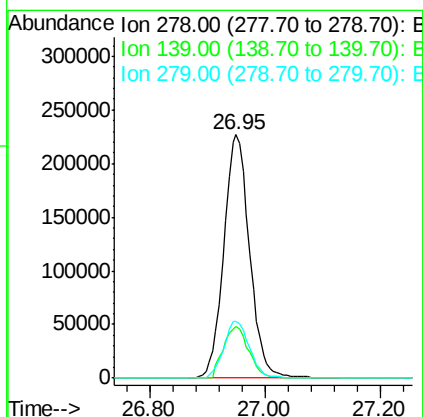
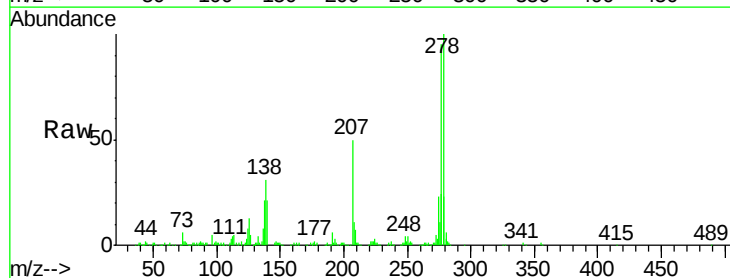
Instrument :
BNA_N
ClientSampled :

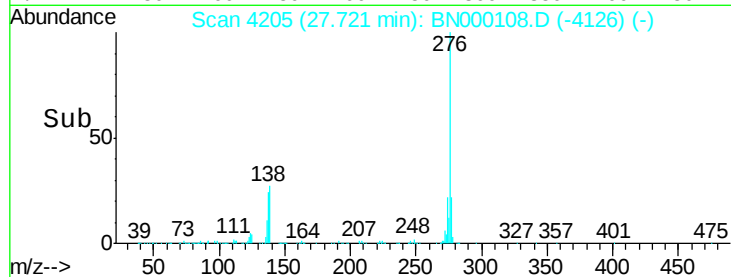
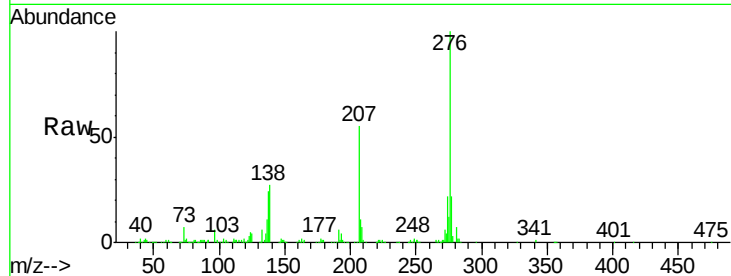
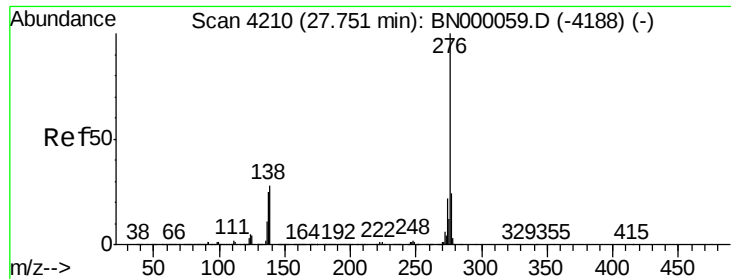
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.3	27.5
125	15.0	7.3	10.9



#90
Dibenzo(a,h)anthracene
Concen: 4.13 ng
RT: 26.95 min Scan# 4074
Delta R.T. -0.06 min
Lab File: BN000108.D
Acq: 15 Feb 2018 21:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	9.8	14.6
279	23.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 3.96 ng

RT: 27.72 min Scan# 4205

Delta R.T. -0.06 min

Lab File: BN000108.D

Acq: 15 Feb 2018 21:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 680390

Ion Ratio Lower Upper

276 100

277 22.4 18.3 27.5

138 27.4 13.9 20.9#

