

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000516.D
 Acq On : 21 Mar 2018 13:01
 Operator : JU/SJ
 Sample : J1905-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:35:26 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	194145	20.00	ng/ul	0.02
18) Naphthalene-d8	11.30	136	488709	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.06	164	278221	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.82	188	9005	20.00	ng/ul	0.07
75) Chrysene-d12	21.96	240	842	20.00	ng/ul	0.08
83) Perylene-d12	24.38	264	609394	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	36384	6.69	ng/uL	0.00
5) Phenol-d5	7.60	99	58435	3.23	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.74	67	376527	36.04	ng/ul	0.02
9) 2-Chlorophenol-d4	8.00	132	241049	17.60	ng/ul	0.07
13) 4-Methylphenol-d8	9.17	113	2632	0.19	ng/ul	0.05
19) Nitrobenzene-d5	9.64	128	179331	45.18	ng/ul	0.05
22) 2-Nitrophenol-d4	10.37	143	155988	37.94	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.91	165	3197	0.43	ng/ul	0.04
29) 4-Chloroaniline-d4	11.45	131	3046	0.40	ng/ul	0.07
43) Dimethylphthalate-d6	14.46	166	720704	32.79	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	986430	34.02	ng/ul	0.04
51) 4-Nitrophenol-d4	15.26	143	97753	23.95	ng/ul	0.04
57) Fluorene-d10	16.07	176	645447	34.46	ng/ul	0.05
62) 4,6-Dinitro-2-methylphenol	16.18	200	46241	896.62	ng/ul	0.05
70) Anthracene-d10	17.89	188	503950	1164.29	ng/ul	0.03
76) Pyrene-d10	20.14	212	938620	20193.39	ng/ul	0.03
87) Benzo(a)pyrene-d12	24.22	264	939731	32.67	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	7.55	77	314130	42.538	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.81	93	35729	2.437	ng/ul#	1
11) 2-Methylphenol	8.82	108	27931	2.061	ng/ul#	79
14) Acetophenone	9.42	105	583775	27.835	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.21	70	296151	26.999	ng/ul#	47
16) 4-Methylphenol	9.31	108	35537	2.449	ng/ul	81
17) Hexachloroethane	9.57	117	592922	101.629	ng/ul#	1
20) Nitrobenzene	9.65	77	81206	8.288	ng/ul#	39
21) Isophorone	10.23	82	5912580	316.556	ng/ul#	85
23) 2-Nitrophenol	10.38	139	28971	6.551	ng/ul#	1
24) 2,4-Dimethylphenol	10.49	107	186261	19.552	ng/ul#	64
25) Bis(2-Chloroethoxy)methane	10.63	93	225816	19.143	ng/ul#	1
27) 2,4-Dichlorophenol	10.92	162	17223	2.408	ng/ul#	1
28) Naphthalene	11.34	128	1933596	75.342	ng/ul#	95
30) 4-Chloroaniline	11.47	127	39976	5.206	ng/ul#	19
32) Caprolactam	12.25	113	313209	119.769	ng/ul#	40
33) 4-Chloro-3-methylphenol	12.55	107	46659	5.548	ng/ul#	37
34) 2-Methylnaphthalene	12.93	142	3327310	194.190	ng/ul	99
38) 2,4,6-Trichlorophenol	13.34	196	14460	2.550	ng/ul	89
39) 2,4,5-Trichlorophenol	13.55	196	236819	40.059	ng/ul	98
40) 1,1'-Biphenyl	13.90	154	382353	16.144	ng/ul#	79
41) 2-Chloronaphthalene	13.91	162	22717	1.244	ng/ul#	1
42) 2-Nitroaniline	14.12	65	63608	11.499	ng/ul#	1

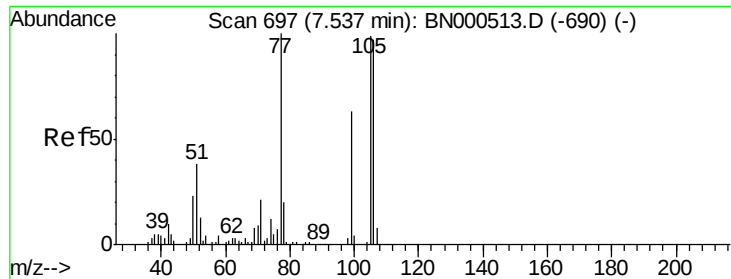
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000516.D
 Acq On : 21 Mar 2018 13:01
 Operator : JU/SJ
 Sample : J1905-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:35:26 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Dimethylphthalate	14.47	163	194132	8.929	ng/ul#	54
45) 2,6-Dinitrotoluene	14.59	165	100881	23.025	ng/ul#	68
47) Acenaphthylene	14.79	152	82165	2.892	ng/ul#	1
48) 3-Nitroaniline	14.97	138	95136	22.491	ng/ul#	31
49) Acenaphthene	15.13	153	241059	12.446	ng/ul#	82
50) 2,4-Dinitrophenol	15.17	184	42536	20.579	ng/ul#	1
52) 4-Nitrophenol	15.23	109	235484	74.661	ng/ul#	14
53) Dibenzofuran	15.62	168	198873	7.560	ng/ul	90
54) 2,4-Dinitrotoluene	15.40	165	21739	3.500	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.62	232	1415459	313.543	ng/ul#	84
58) Fluorene	16.12	166	354072	16.937	ng/ul#	77
59) 4-Chlorophenyl-phenylether	16.15	204	13599	1.408	ng/ul#	1
60) 4-Nitroaniline	16.02	138	41209	8.671	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.21	198	501649	9213.692	ng/ul#	74
64) N-Nitrosodiphenylamine	16.30	169	372404	1255.333	ng/ul#	40
65) 4-Bromophenyl-phenylether	17.09	248	884	9.631	ng/ul#	1
66) Hexachlorobenzene	17.10	284	19068	196.744	ng/ul#	1
67) Atrazine	17.27	200	3399	37.989	ng/ul#	1
68) Pentachlorophenol	17.49	266	8881706	173586.642	ng/ul	96
69) Phenanthrene	17.83	178	14826	28.579	ng/ul#	1
71) Anthracene	17.92	178	1519570	2856.661	ng/ul#	93
72) Carbazole	18.22	167	125685	275.529	ng/ul#	41
73) Di-n-butylphthalate	18.77	149	7523	12.127	ng/ul#	1
74) Fluoranthene	19.90	202	11001	21.340	ng/ul#	1
77) Pyrene	20.23	202	28175	458.137	ng/ul#	1
78) Butylbenzylphthalate	21.07	149	2306	75.488	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.87	252	1801	109.484	ng/ul#	23
80) Benzo(a)anthracene	21.94	228	99276	1769.578	ng/ul#	72
81) Bis(2-ethylhexyl)phthalate	21.75	149	238777	5384.026	ng/ul	92
82) Chrysene	22.01	228	874	16.618	ng/ul#	1
84) Di-n-octyl phthalate	22.71	149	150449	2.933	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	48882	1.269	ng/ul#	1
86) Benzo(k)fluoranthene	23.62	252	48882	1.315	ng/ul#	1

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



#4

Benzaldehyde

Concen: 42.538 ng/ul

RT: 7.55 min Scan# 700

Delta R.T. 0.02 min

Lab File: BN000516.D

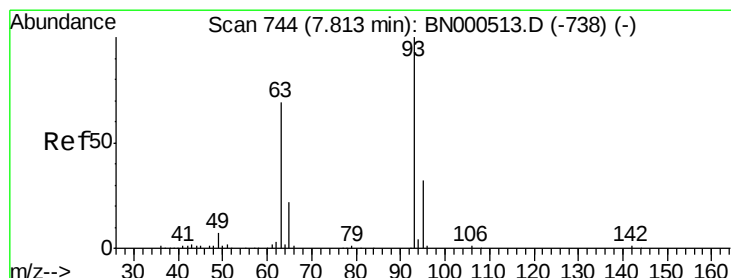
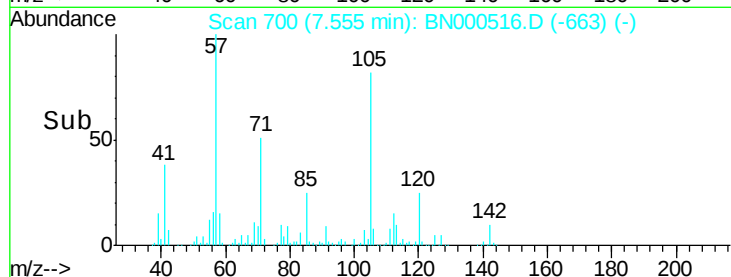
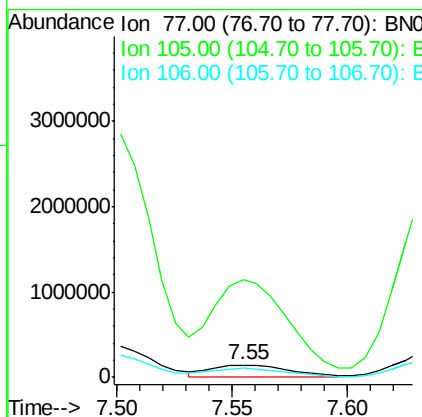
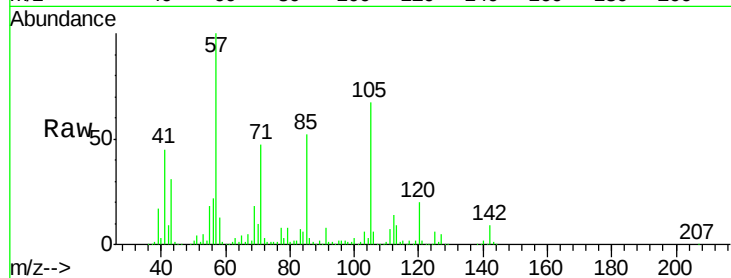
Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampled :

Tot Ion: 77 Resp: 314130
 Ion Ratio Lower Upper
 77 100
 105 797.5 71.0 106.6#
 106 73.8 69.5 104.3



#8

Bis(2-Chloroethyl)ether

Concen: 2.437 ng/ul

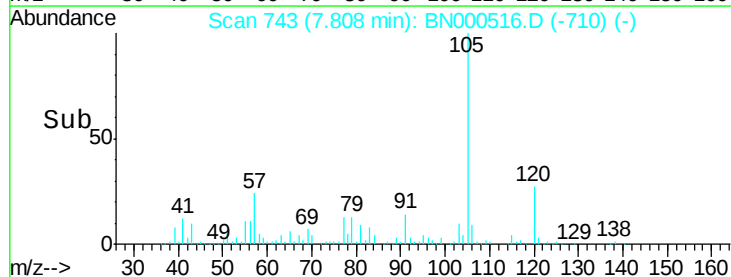
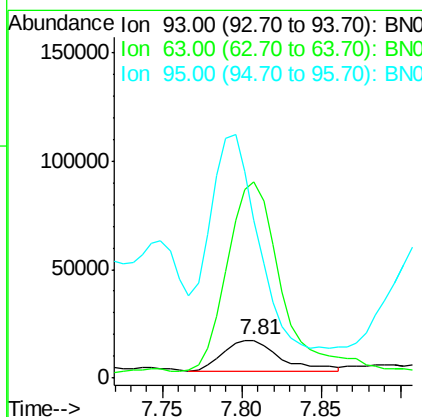
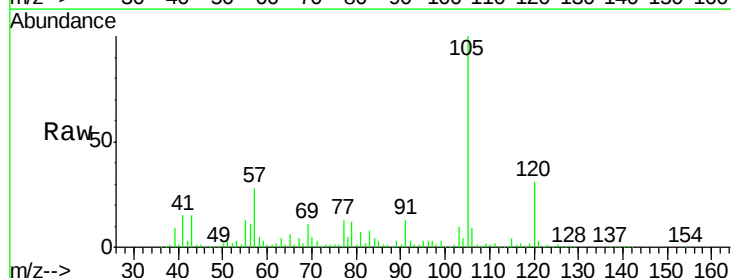
RT: 7.81 min Scan# 743

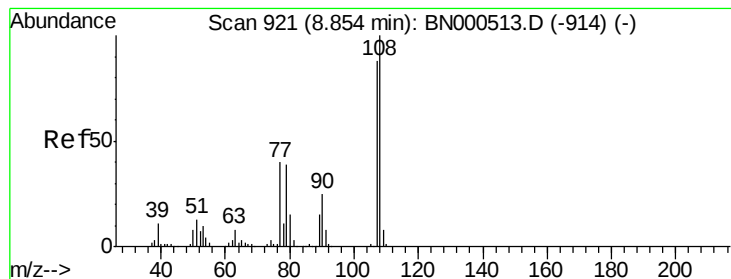
Delta R.T. -0.01 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Tgt Ion: 93 Resp: 35729
 Ion Ratio Lower Upper
 93 100
 63 521.4 59.4 89.2#
 95 417.3 26.4 39.6#





#11

2-Methylphenol

Concen: 2.061 ng/ul

RT: 8.82 min Scan# 915

Delta R.T. -0.03 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

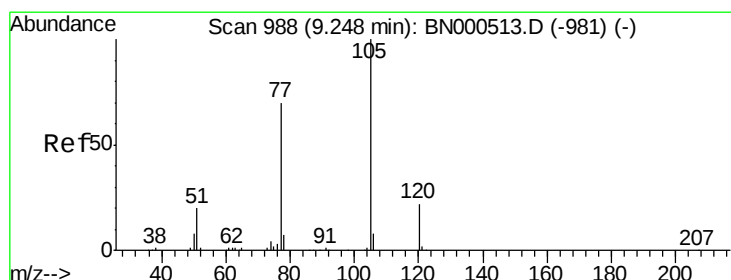
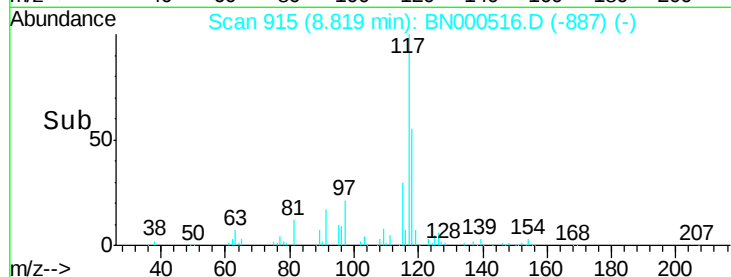
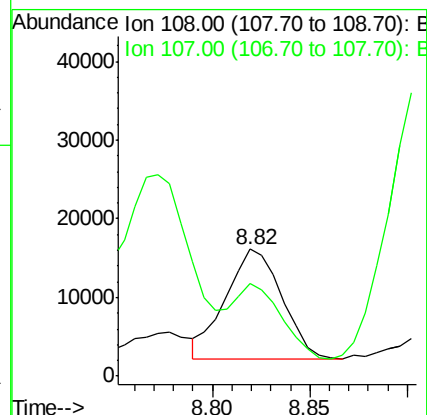
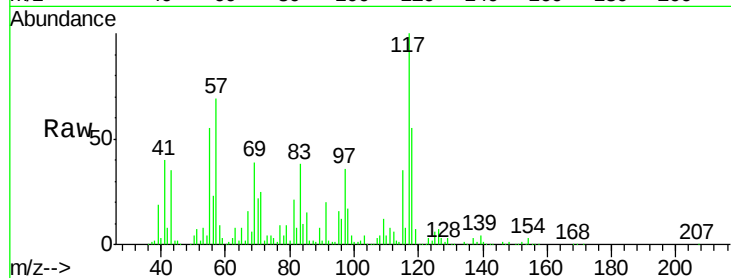
ClientSampled :

Tot Ion:108 Resp: 27931

Ion Ratio Lower Upper

108 100

107 72.5 74.1 111.1#



#14

Acetophenone

Concen: 27.835 ng/ul

RT: 9.42 min Scan# 1017

Delta R.T. 0.17 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

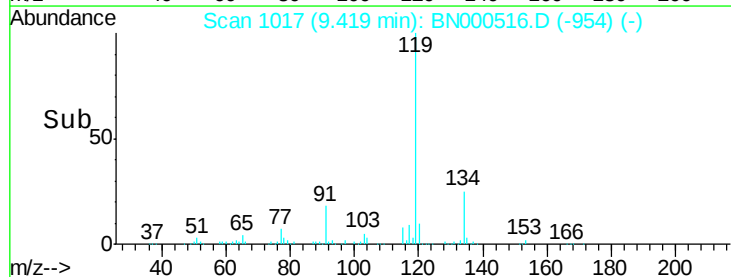
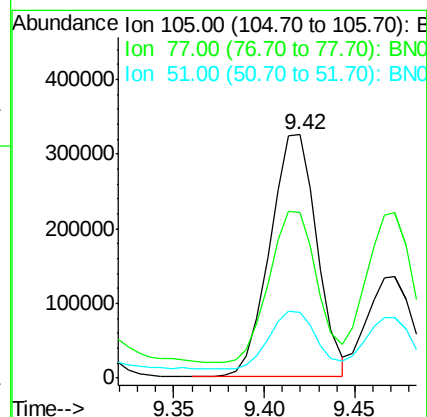
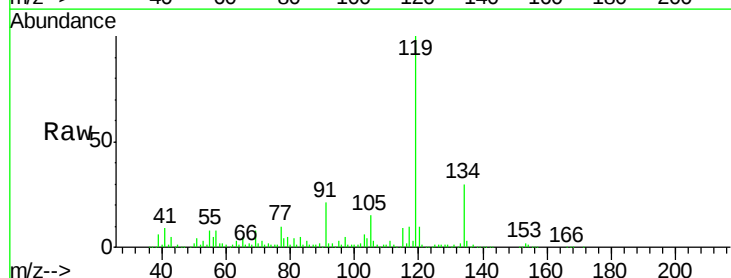
Tgt Ion:105 Resp: 583775

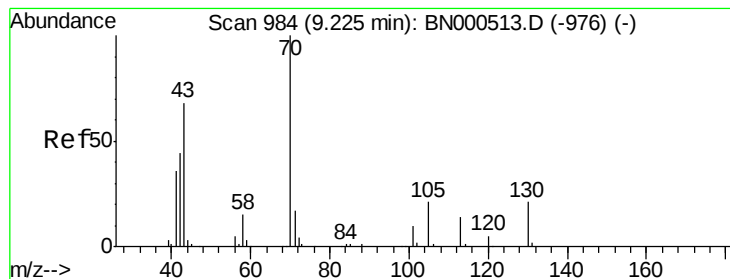
Ion Ratio Lower Upper

105 100

77 68.1 63.2 94.8

51 27.0 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 26.999 ng/ul

RT: 9.21 min Scan# 981

Delta R.T. -0.02 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 296151

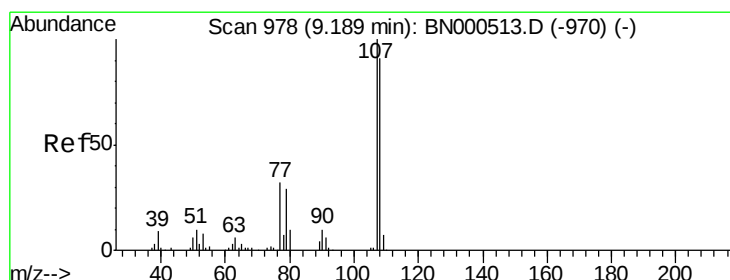
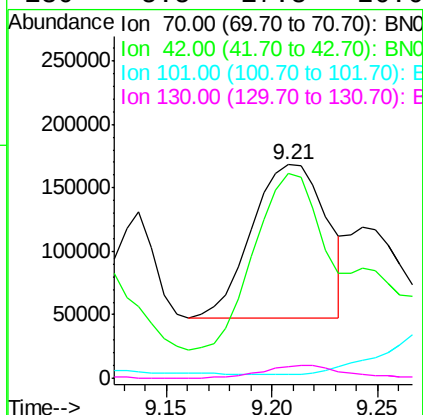
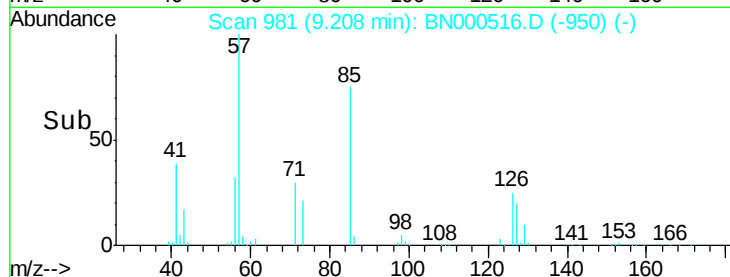
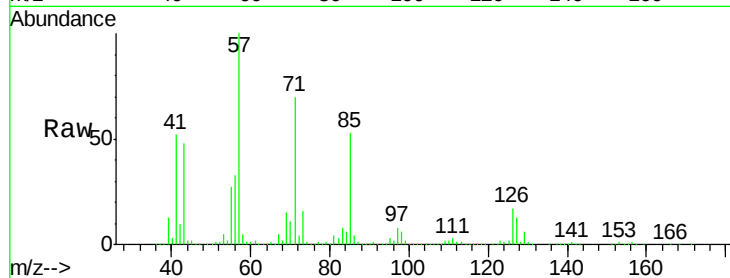
Ion Ratio Lower Upper

70 100

42 96.0 40.2 60.4#

101 1.6 7.7 11.5#

130 5.5 17.8 26.6#



#16

4-Methylphenol

Concen: 2.449 ng/ul

RT: 9.31 min Scan# 999

Delta R.T. 0.12 min

Lab File: BN000516.D

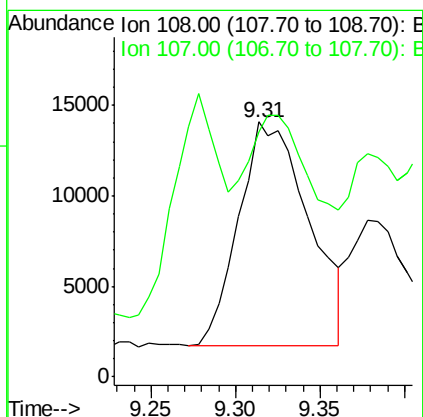
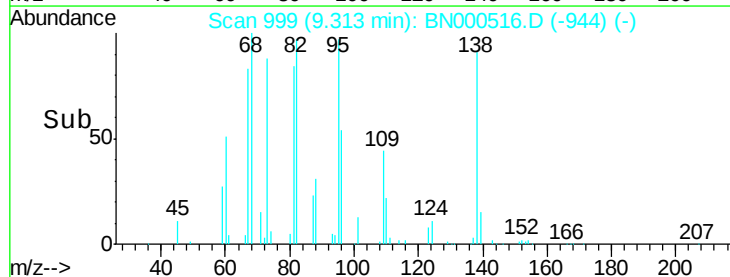
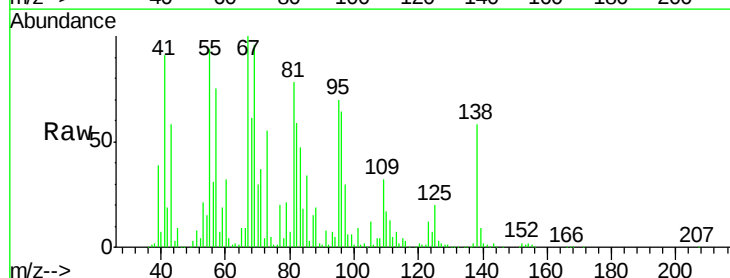
Acq: 21 Mar 2018 13:01

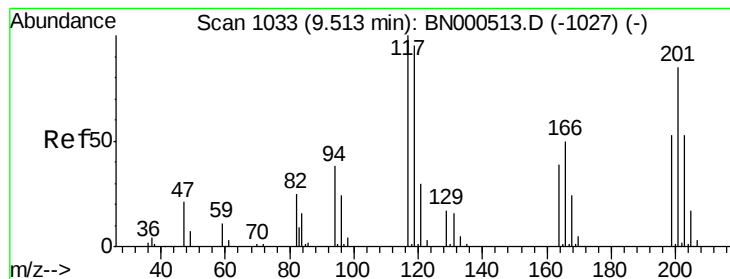
Tgt Ion: 108 Resp: 35537

Ion Ratio Lower Upper

108 100

107 96.1 93.6 140.4





#17

Hexachloroethane

Concen: 101.629 ng/ul

RT: 9.57 min Scan# 1043

Delta R.T. 0.06 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

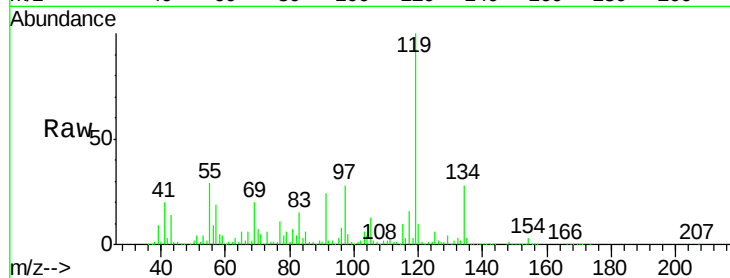
Tot Ion:117 Resp: 592922

Ion Ratio Lower Upper

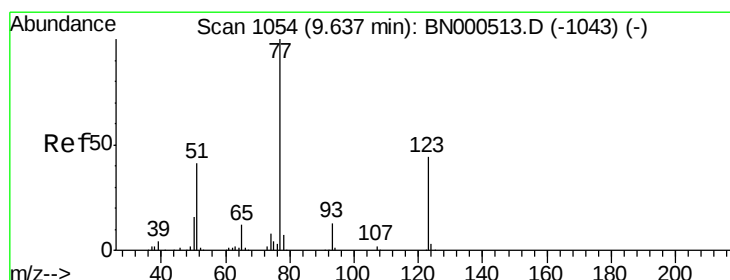
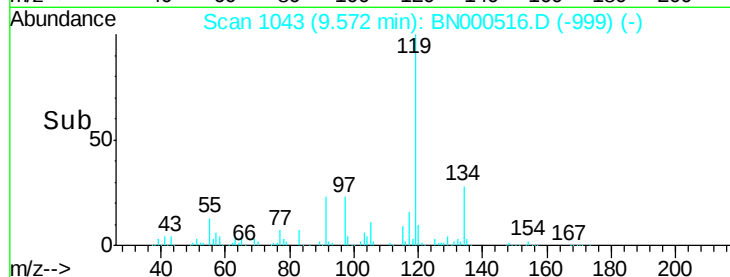
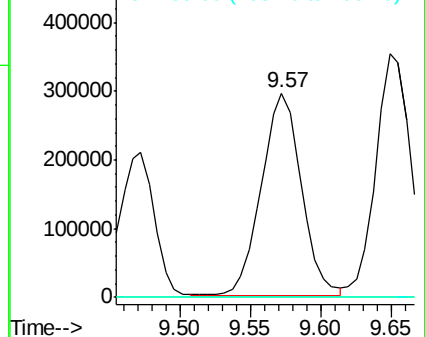
117 100

201 0.0 96.1 144.1#

199 0.0 59.7 89.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 8.288 ng/ul

RT: 9.65 min Scan# 1057

Delta R.T. 0.02 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

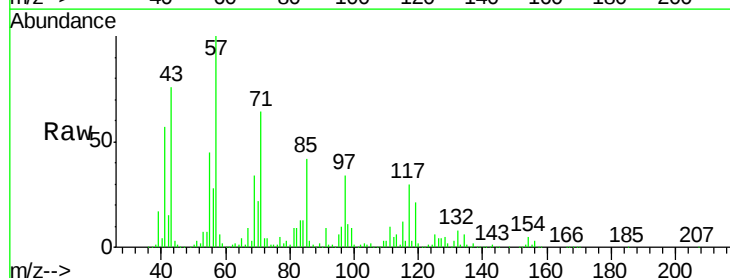
Tgt Ion: 77 Resp: 81206

Ion Ratio Lower Upper

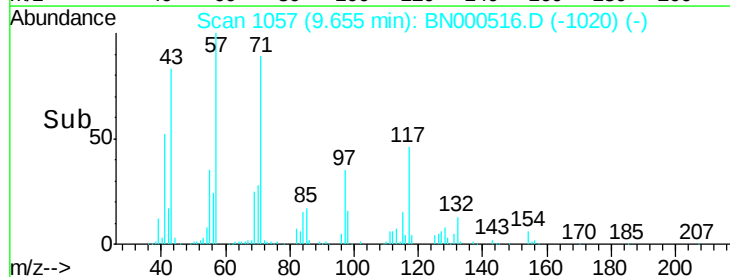
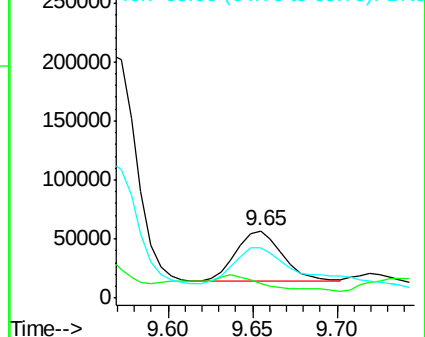
77 100

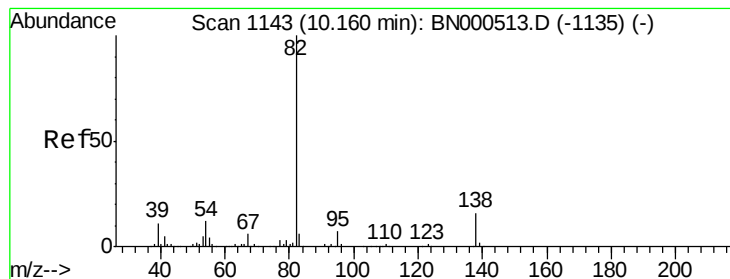
123 20.8 31.8 47.8#

65 74.0 10.6 16.0#



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





#21

Isophorone

Concen: 316.556 ng/ul

RT: 10.23 min Scan# 1155

Delta R.T. 0.07 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

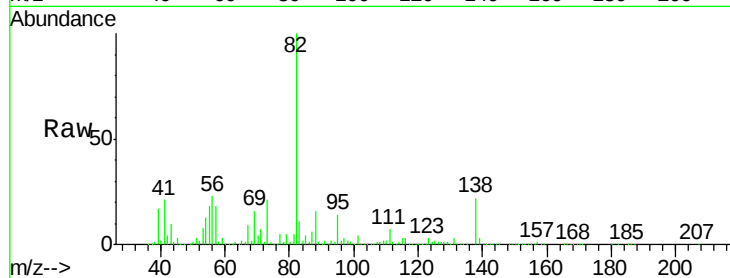
Tot Ion: 82 Resp: 5912580

Ion Ratio Lower Upper

82 100

95 14.1 6.1 9.1#

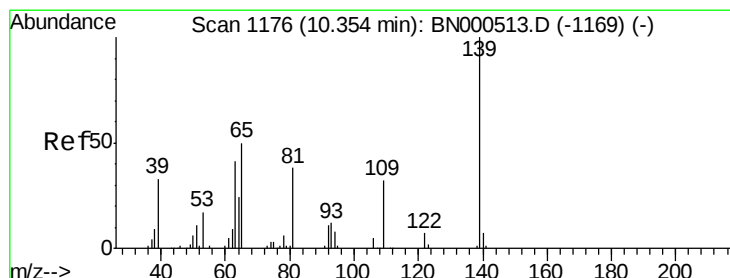
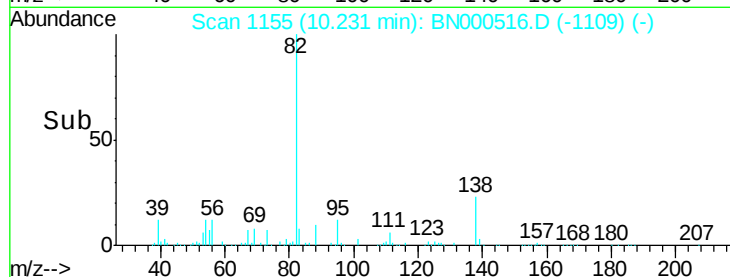
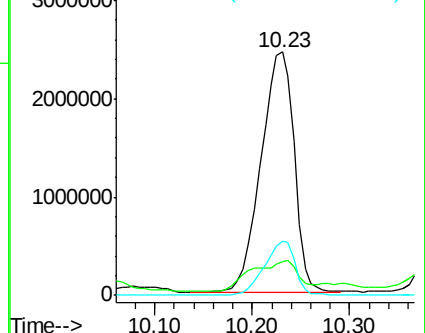
138 22.5 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BN000513.D (-1135) (-)

Ion 95.00 (94.70 to 95.70): BN000513.D (-1135) (-)

Ion 138.00 (137.70 to 138.70): BN000513.D (-1135) (-)



#23

2-Nitrophenol

Concen: 6.551 ng/ul

RT: 10.38 min Scan# 1180

Delta R.T. 0.02 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

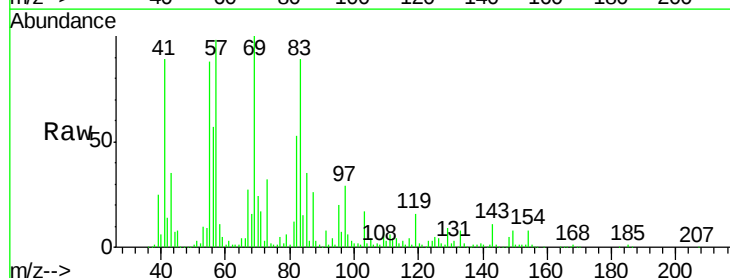
Tgt Ion:139 Resp: 28971

Ion Ratio Lower Upper

139 100

65 210.8 45.3 67.9#

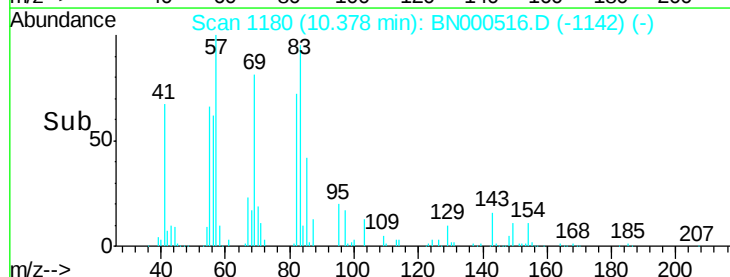
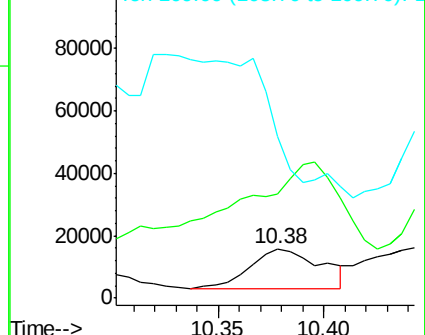
109 327.8 27.7 41.5#

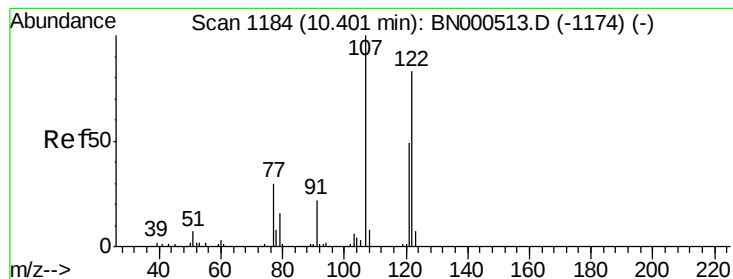


Abundance Ion 139.00 (138.70 to 139.70): BN000513.D (-1169) (-)

Ion 65.00 (64.70 to 65.70): BN000513.D (-1169) (-)

Ion 109.00 (108.70 to 109.70): BN000513.D (-1169) (-)





#24

2,4-Dimethylphenol

Concen: 19.552 ng/ul

RT: 10.49 min Scan# 1199

Delta R.T. 0.09 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

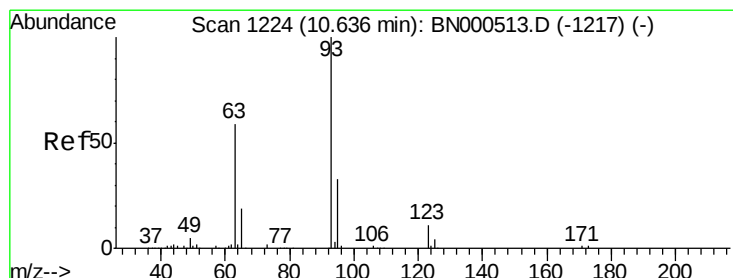
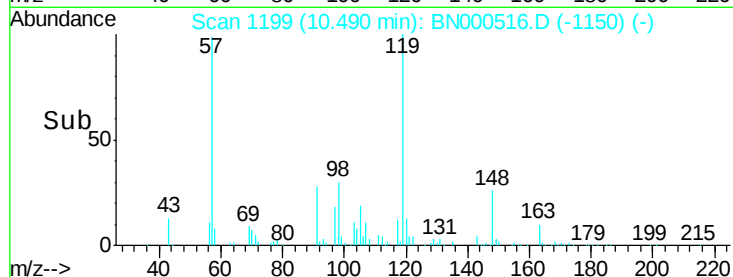
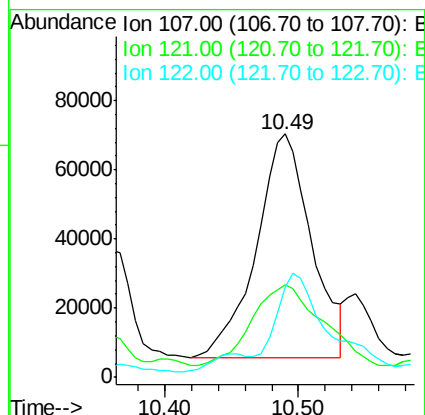
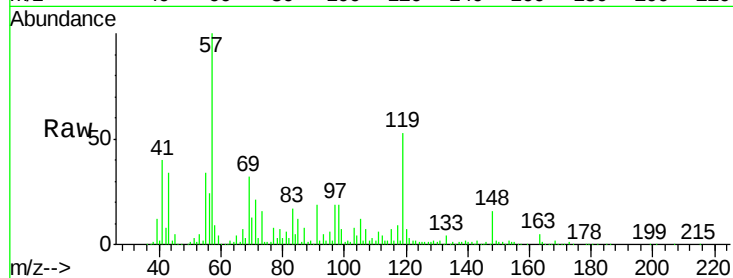
Tot Ion:107 Resp: 186261

Ion Ratio Lower Upper

107 100

121 37.8 38.1 57.1#

122 36.8 63.8 95.8#



#25

Bis(2-Chloroethoxy)methane

Concen: 19.143 ng/ul

RT: 10.63 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

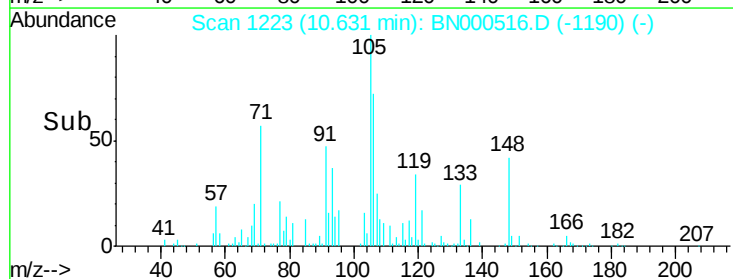
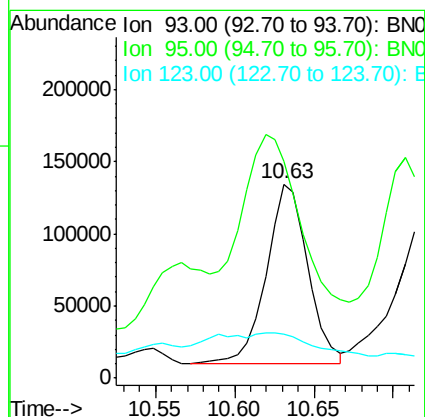
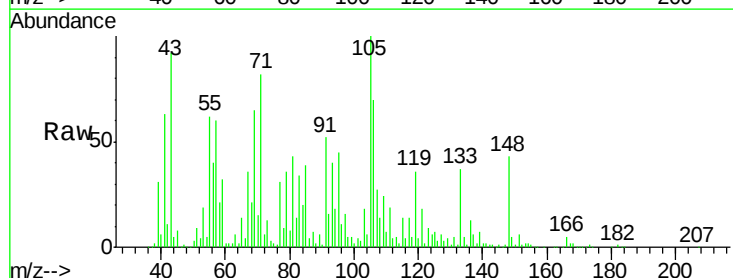
Tgt Ion: 93 Resp: 225816

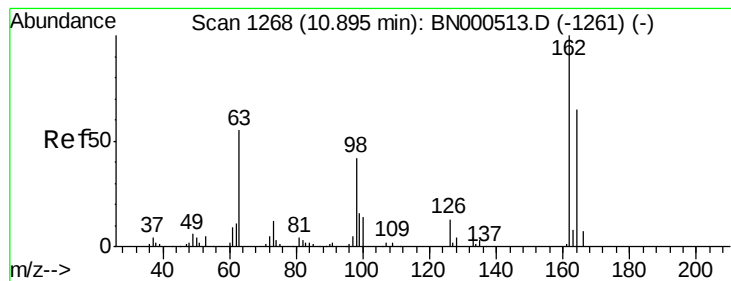
Ion Ratio Lower Upper

93 100

95 111.8 24.7 37.1#

123 22.9 8.2 12.2#





#27

2,4-Dichlorophenol

Concen: 2.408 ng/ul

RT: 10.92 min Scan# 1272

Delta R.T. 0.02 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

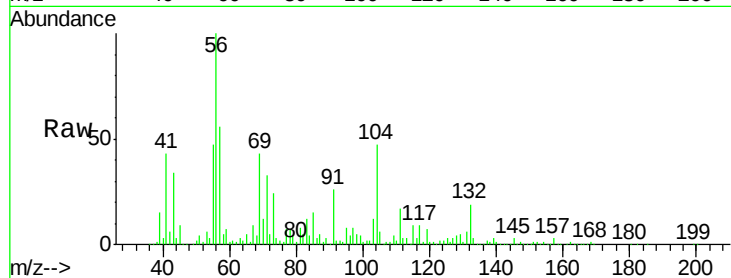
Tot Ion:162 Resp: 17223

Ion Ratio Lower Upper

162 100

164 4.6 52.0 78.0#

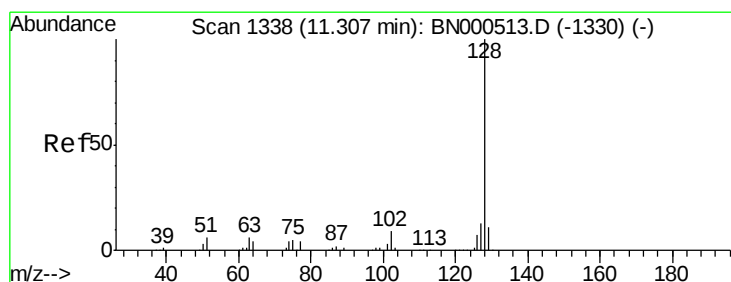
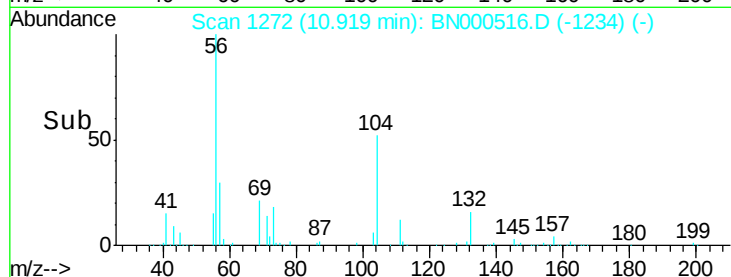
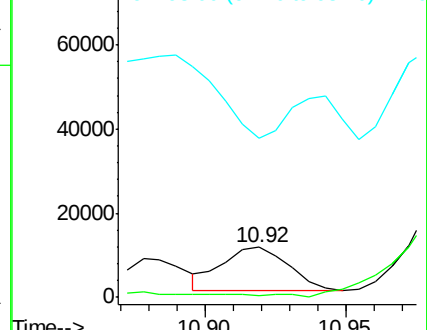
98 318.9 26.6 39.8#



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



#28

Naphthalene

Concen: 75.342 ng/ul

RT: 11.34 min Scan# 1344

Delta R.T. 0.04 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

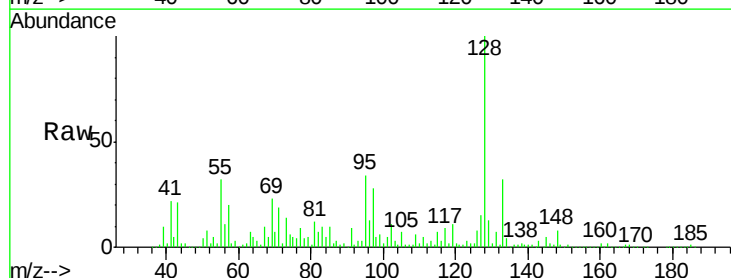
Tgt Ion:128 Resp: 1933596

Ion Ratio Lower Upper

128 100

129 13.0 8.3 12.5#

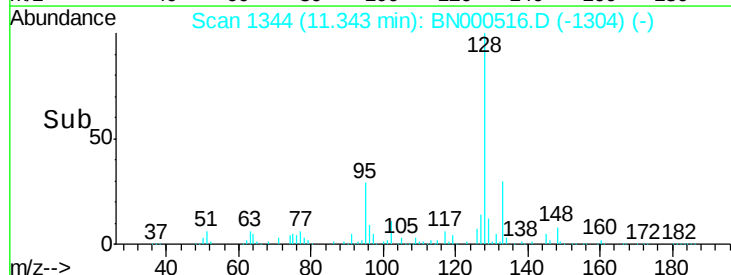
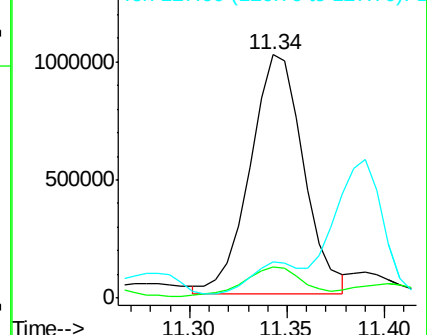
127 14.7 10.8 16.2

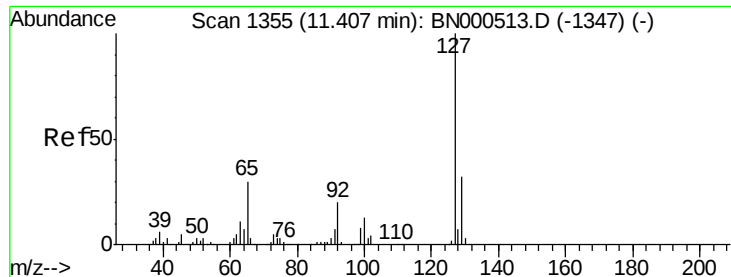


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

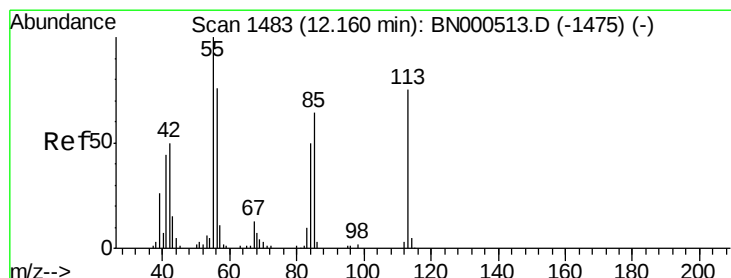
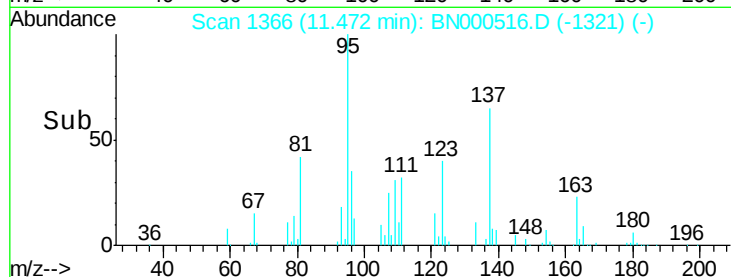
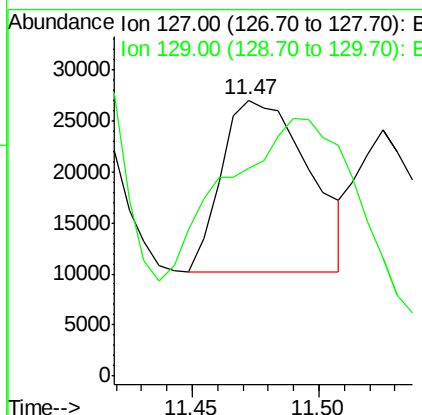
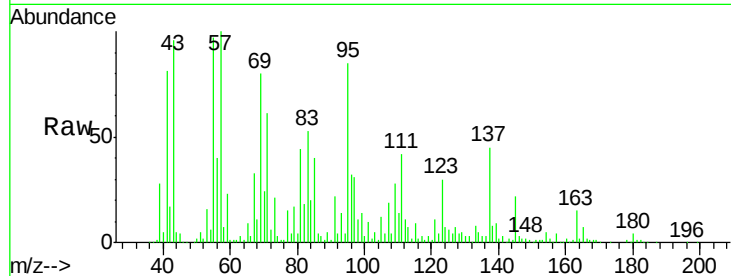




#30
4-Chloroaniline
Concen: 5.206 ng/ul
RT: 11.47 min Scan# 1366
Delta R.T. 0.07 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

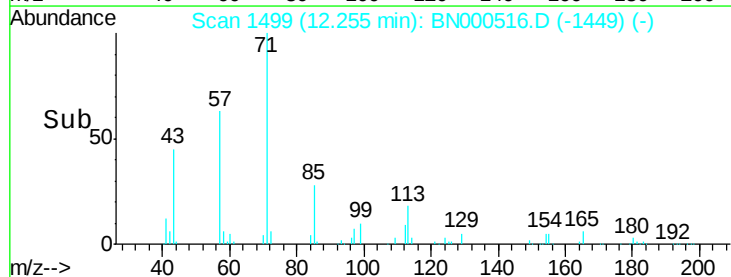
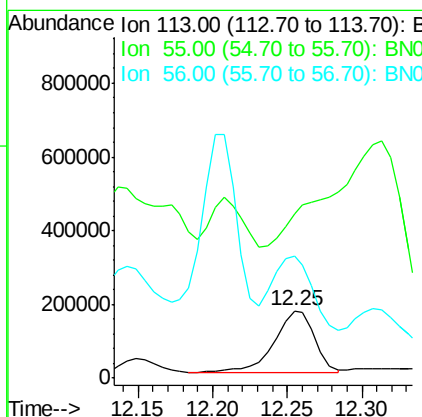
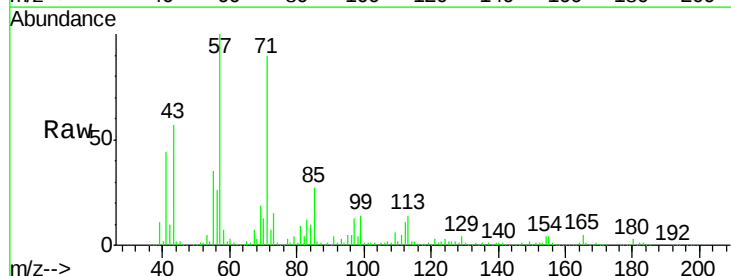
Instrument :
BNA_N
ClientSampleId :

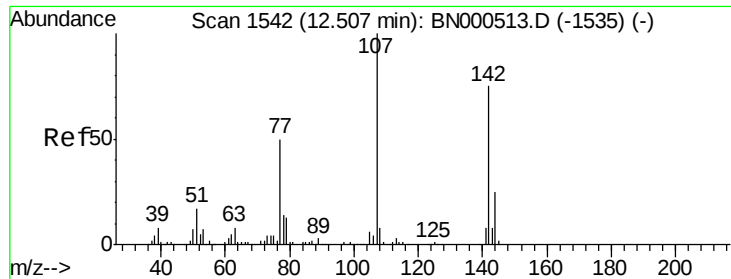
Tot Ion:127 Resp: 39976
Ion Ratio Lower Upper
127 100
129 75.4 24.6 37.0#



#32
Caprolactam
Concen: 119.769 ng/ul
RT: 12.25 min Scan# 1499
Delta R.T. 0.09 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion:113 Resp: 313209
Ion Ratio Lower Upper
113 100
55 244.6 131.7 197.5#
56 181.0 92.7 139.1#

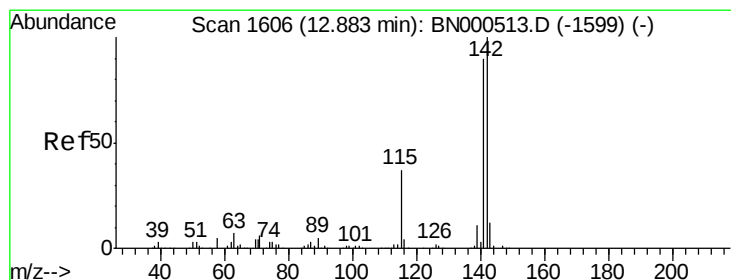
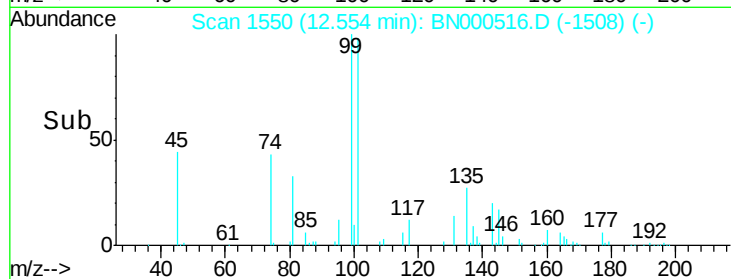
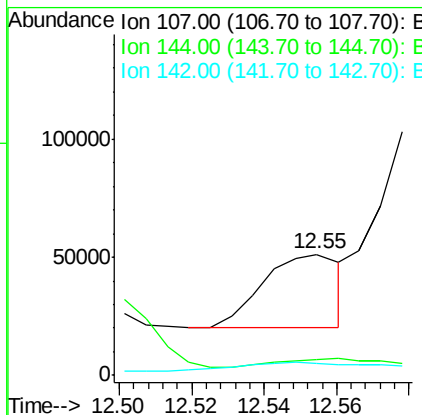
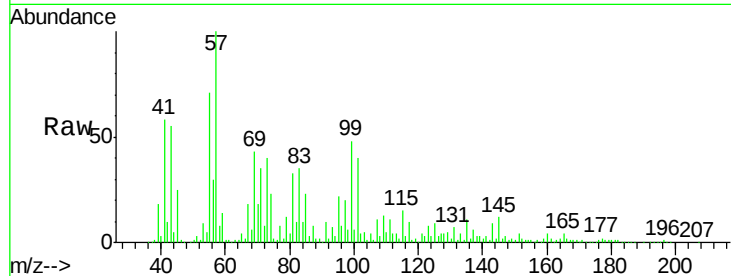




#33
 4-Chloro-3-methylphenol
 Concen: 5.548 ng/ul
 RT: 12.55 min Scan# 1550
 Delta R.T. 0.05 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

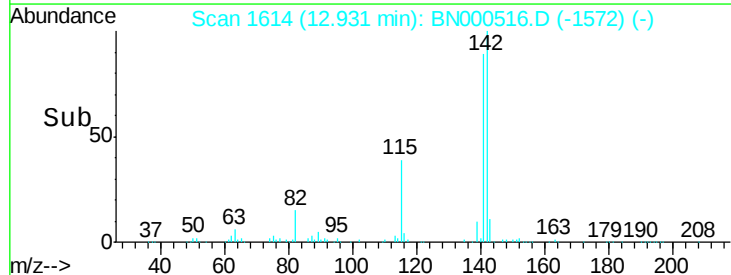
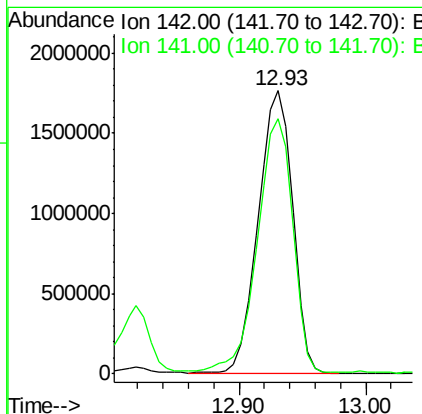
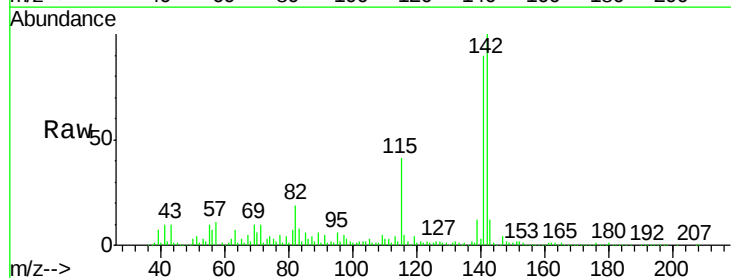
Instrument :
 BNA_N
 ClientSampleId :

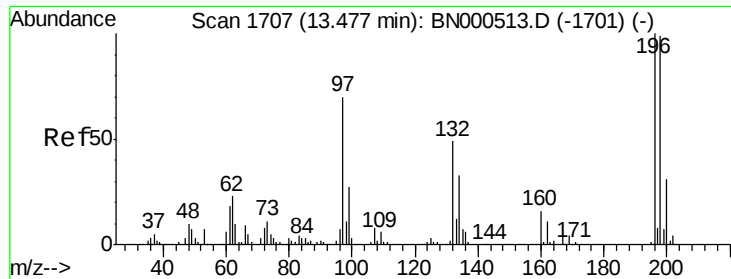
Tot Ion:107 Resp: 46659
 Ion Ratio Lower Upper
 107 100
 144 13.5 21.1 31.7#
 142 10.2 60.1 90.1#



#34
 2-Methylnaphthalene
 Concen: 194.190 ng/ul
 RT: 12.93 min Scan# 1614
 Delta R.T. 0.05 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Tgt Ion:142 Resp: 3327310
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2

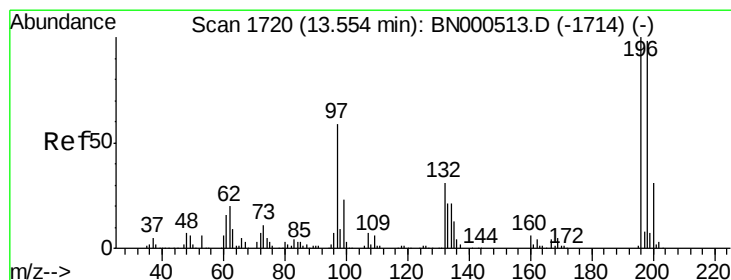
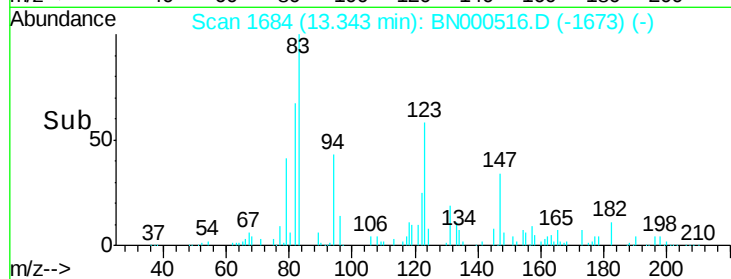
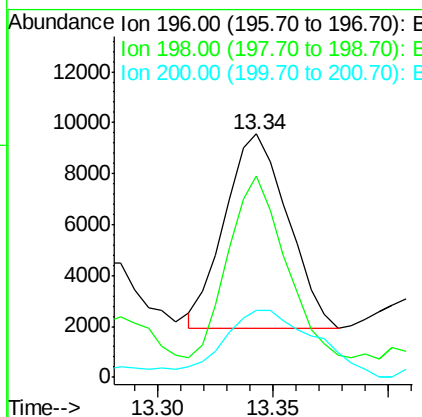
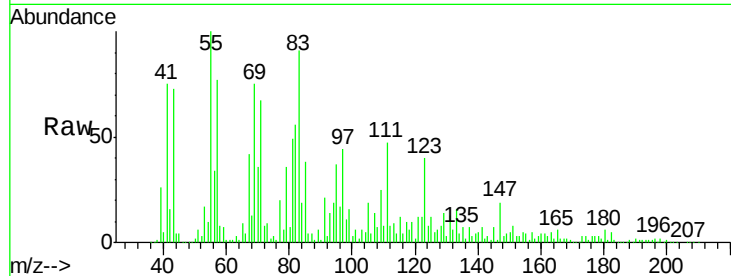




#38
 2,4,6-Trichlorophenol
 Concen: 2.550 ng/ul
 RT: 13.34 min Scan# 1684
 Delta R.T. -0.13 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

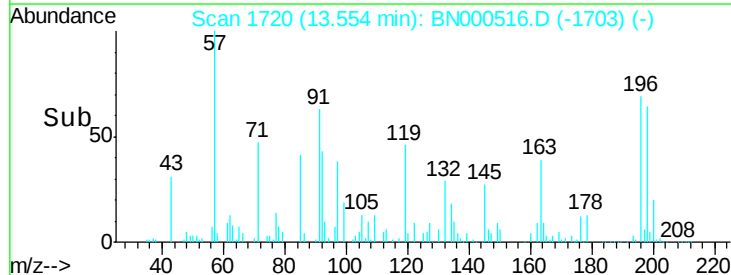
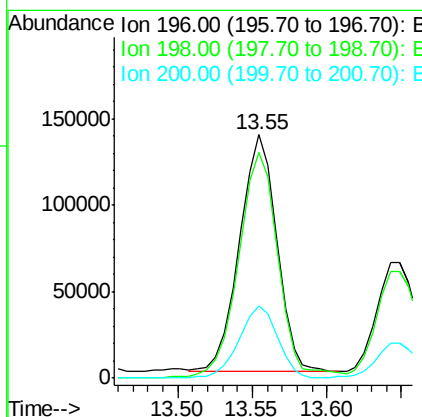
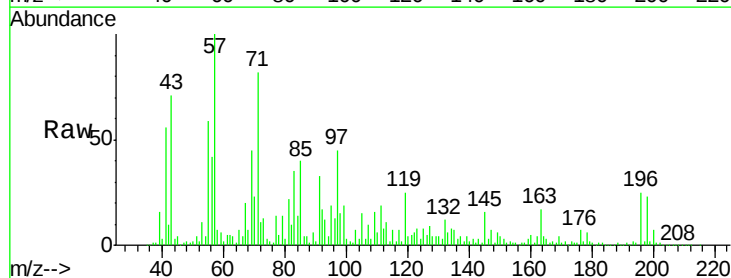
Instrument :
 BNA_N
 ClientSampled :

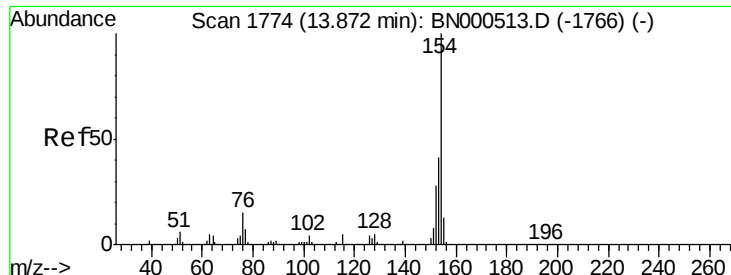
Tot Ion:196 Resp: 14460
 Ion Ratio Lower Upper
 196 100
 198 82.7 75.9 113.9
 200 27.5 25.8 38.6



#39
 2,4,5-Trichlorophenol
 Concen: 40.059 ng/ul
 RT: 13.55 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Tgt Ion:196 Resp: 236819
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.7 112.1
 200 29.5 25.4 38.0

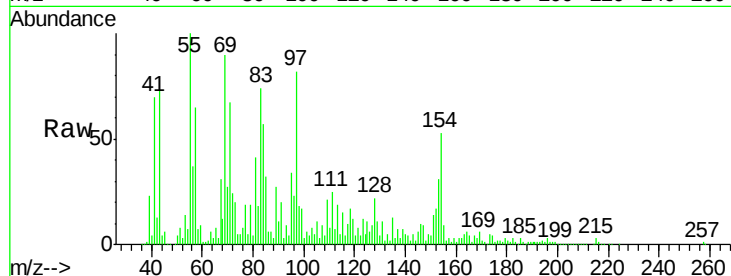




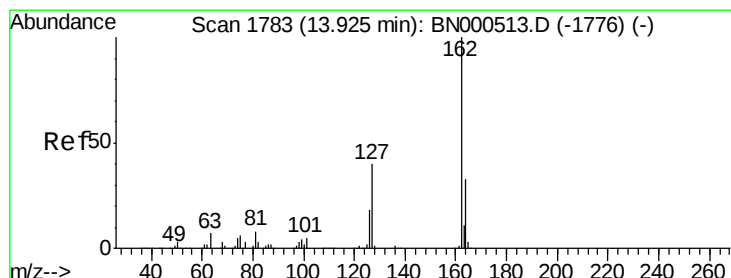
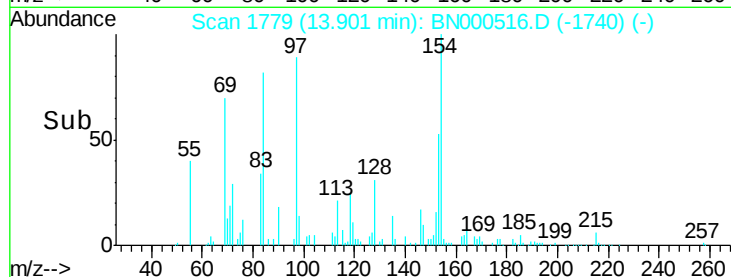
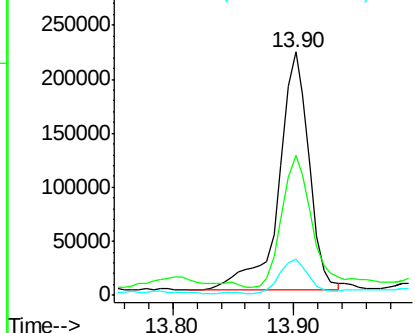
#40
 1,1'-Biphenyl
 Concen: 16.144 ng/ul
 RT: 13.90 min Scan# 1779
 Delta R.T. 0.03 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:154 Resp: 382353
 Ion Ratio Lower Upper
 154 100
 153 57.6 34.0 51.0#
 76 14.9 8.4 12.6#

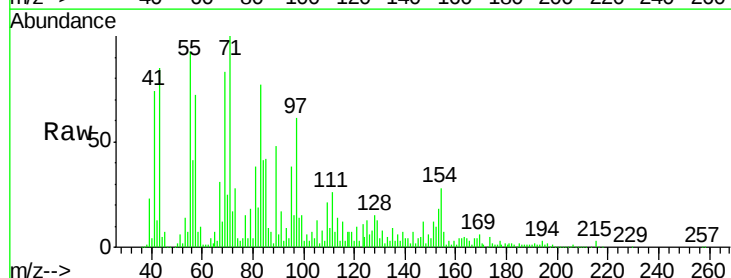


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

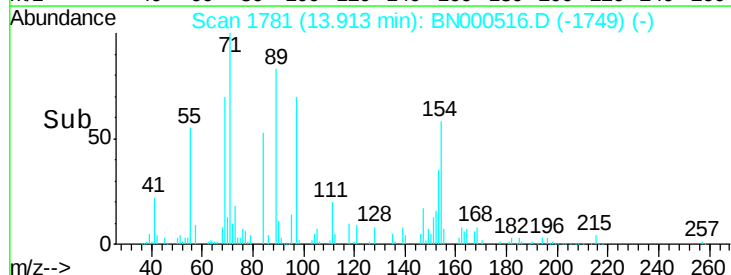
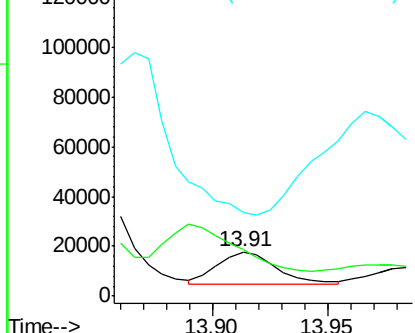


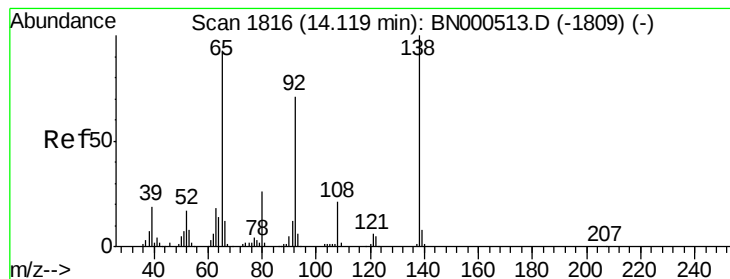
#41
 2-Chloronaphthalene
 Concen: 1.244 ng/ul
 RT: 13.91 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Tgt Ion:162 Resp: 22717
 Ion Ratio Lower Upper
 162 100
 164 104.5 26.2 39.4#
 127 189.7 29.5 44.3#



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





#42

2-Nitroaniline

Concen: 11.499 ng/ul

RT: 14.12 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

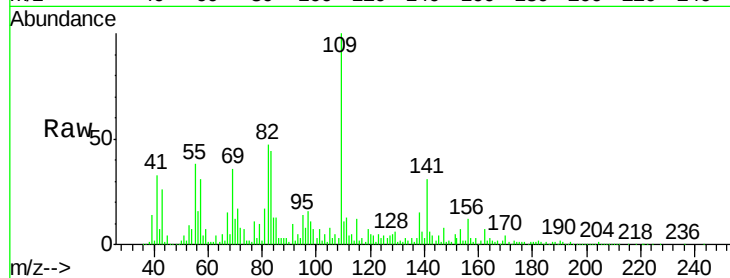
Tot Ion: 65 Resp: 63608

Ion Ratio Lower Upper

65 100

92 34.2 57.0 85.4#

138 298.5 87.2 130.8#

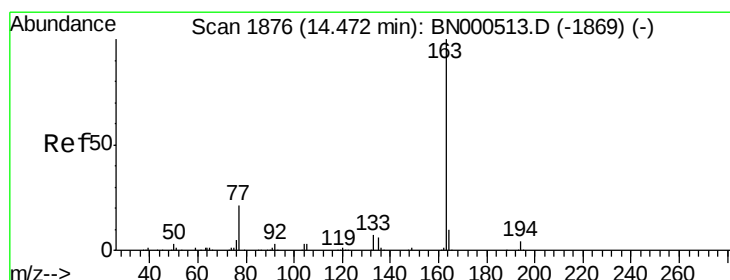
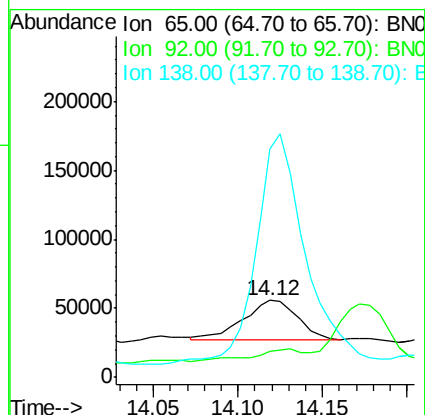
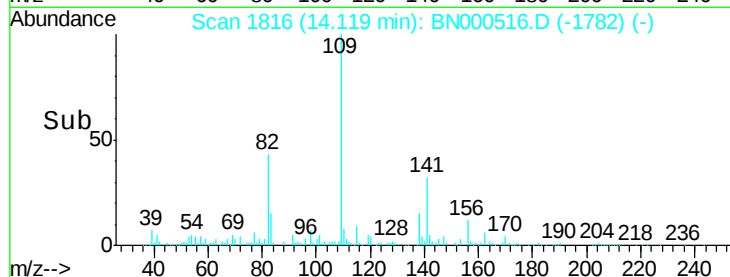


Abundance Ion 65.00 (64.70 to 65.70): BN000513.D (-1809) (-)

Ion 92.00 (91.70 to 92.70): BN000513.D (-1809) (-)

Ion 138.00 (137.70 to 138.70): BN000513.D (-1809) (-)

Time-->



#44

Dimethylphthalate

Concen: 8.929 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

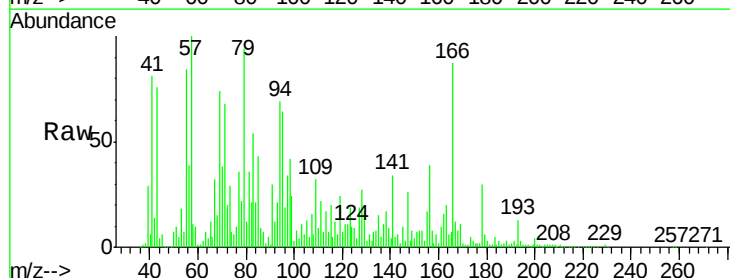
Tgt Ion:163 Resp: 194132

Ion Ratio Lower Upper

163 100

194 14.2 4.0 6.0#

164 31.2 8.4 12.6#

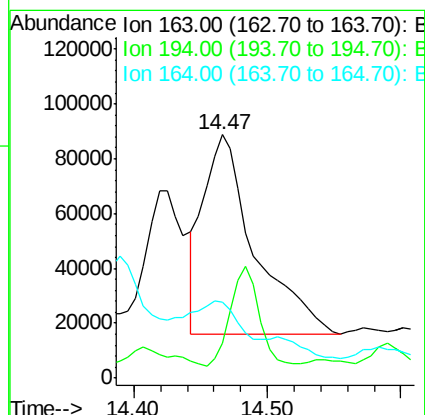
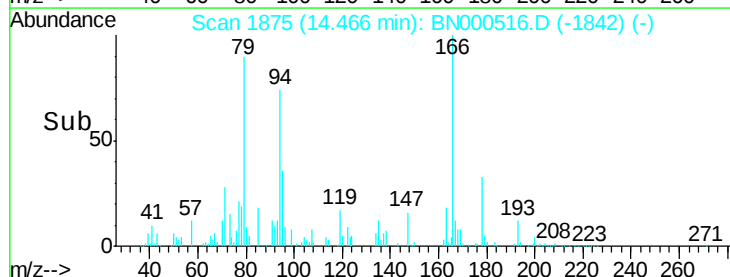


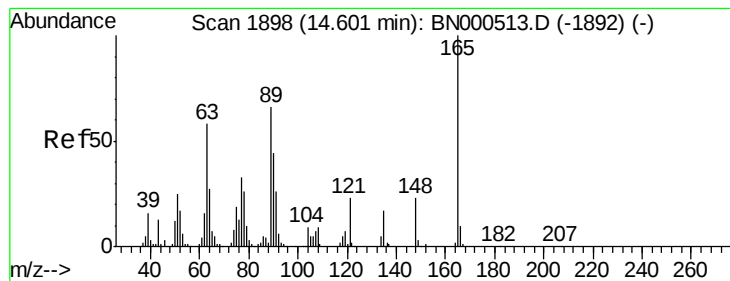
Abundance Ion 163.00 (162.70 to 163.70): BN000513.D (-1869) (-)

Ion 194.00 (193.70 to 194.70): BN000513.D (-1869) (-)

Ion 164.00 (163.70 to 164.70): BN000513.D (-1869) (-)

Time-->





#45

2,6-Dinitrotoluene

Concen: 23.025 ng/ul

RT: 14.59 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampled :

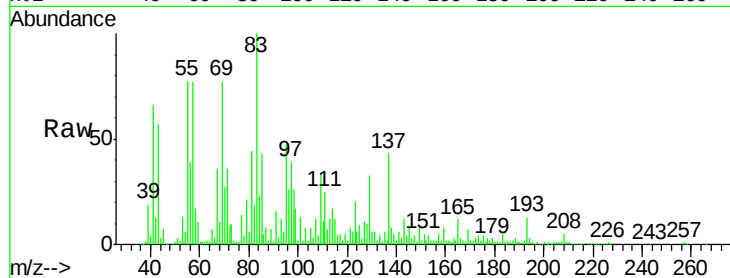
Tot Ion:165 Resp: 100881

Ion Ratio Lower Upper

165 100

89 58.2 43.8 65.8

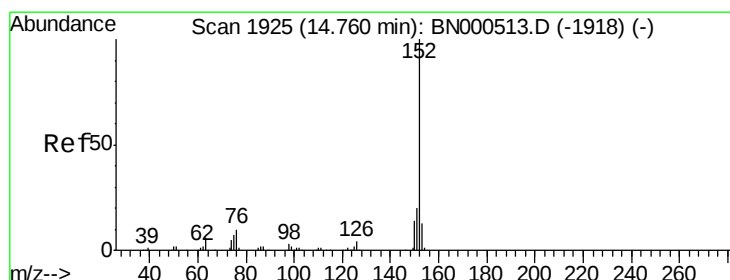
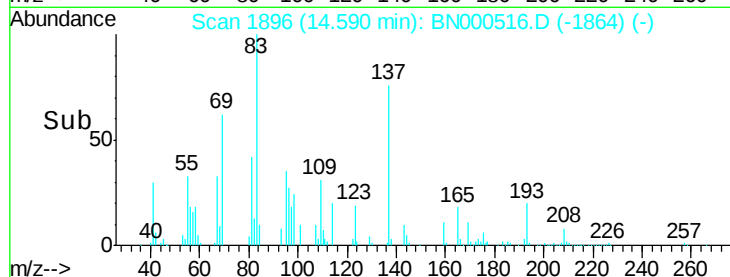
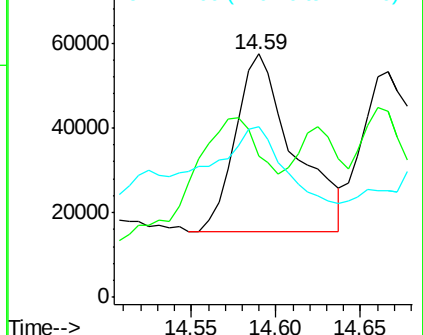
121 70.3 17.8 26.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E



#47

Acenaphthylene

Concen: 2.892 ng/ul

RT: 14.79 min Scan# 1930

Delta R.T. 0.03 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

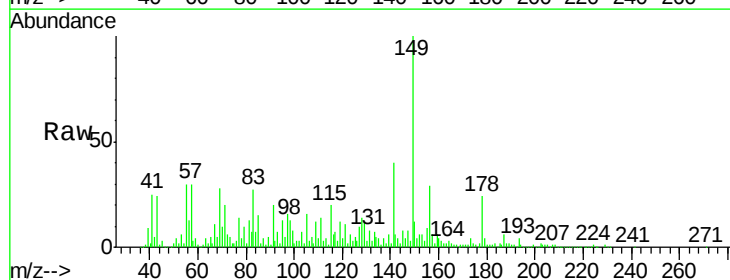
Tgt Ion:152 Resp: 82165

Ion Ratio Lower Upper

152 100

151 65.1 16.1 24.1#

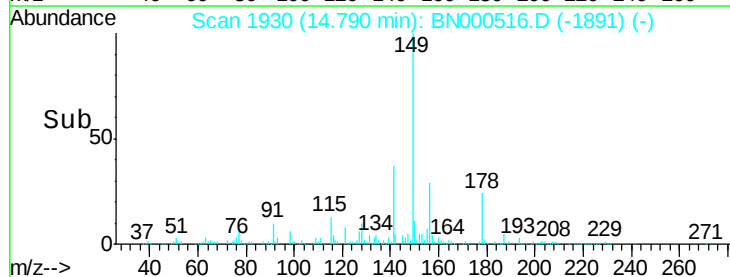
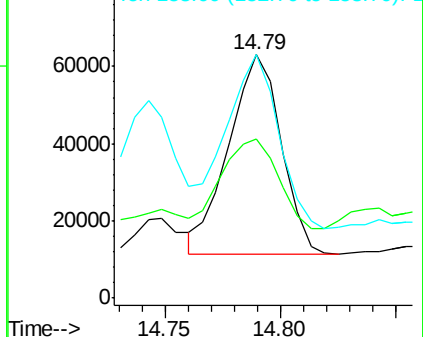
153 99.8 10.8 16.2#

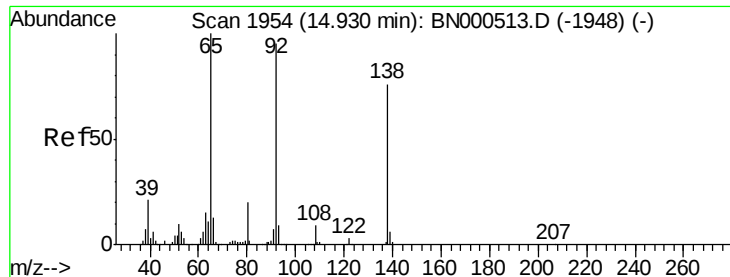


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

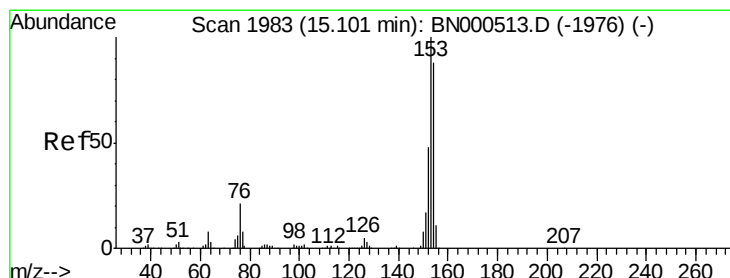
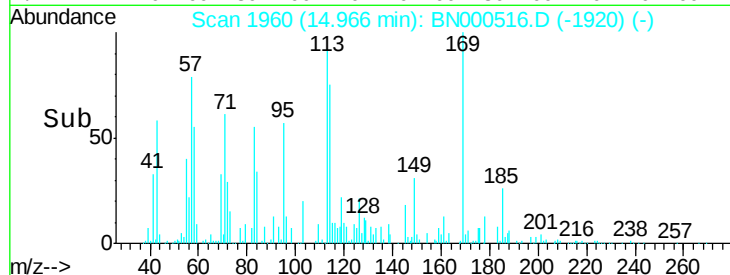
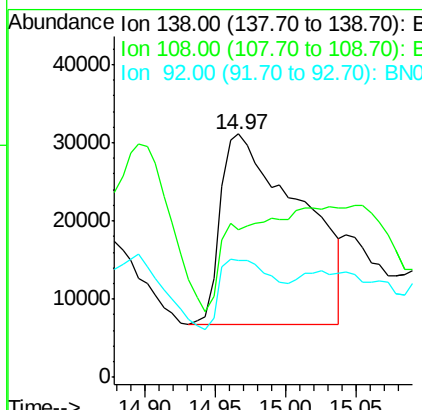
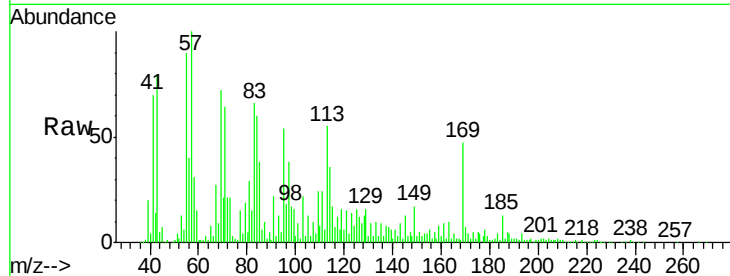




#48
3-Nitroaniline
Concen: 22.491 ng/ul
RT: 14.97 min Scan# 1960
Delta R.T. 0.04 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

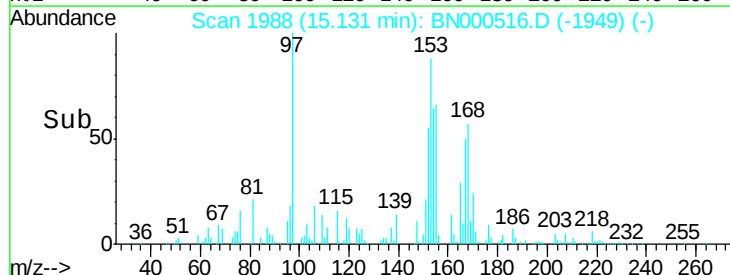
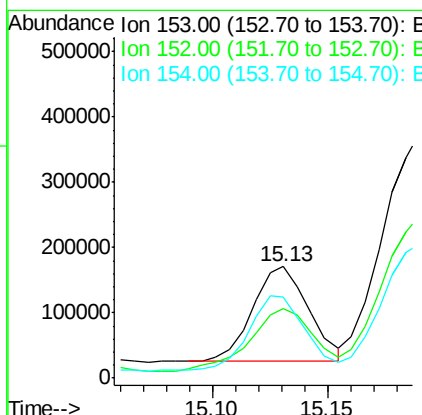
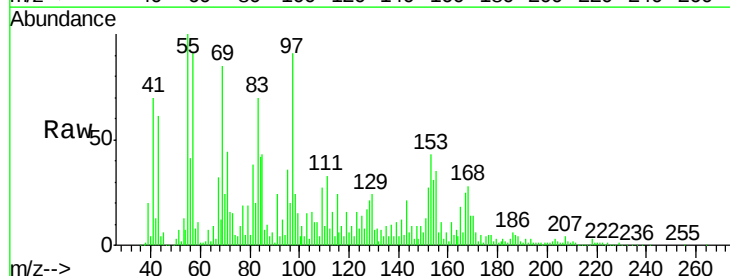
Instrument :
BNA_N
ClientSampleId :

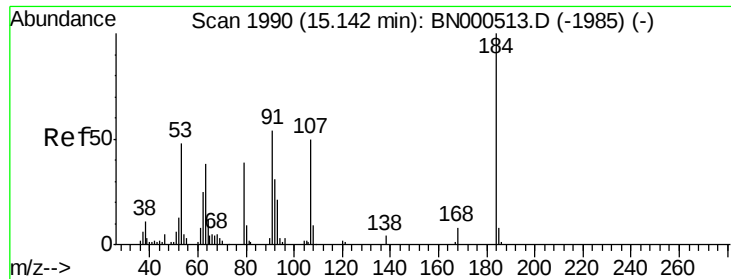
Tot Ion:138 Resp: 95136
Ion Ratio Lower Upper
138 100
108 60.5 7.6 11.4#
92 48.1 94.2 141.2#



#49
Acenaphthene
Concen: 12.446 ng/ul
RT: 15.13 min Scan# 1988
Delta R.T. 0.03 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion:153 Resp: 241059
Ion Ratio Lower Upper
153 100
152 62.4 37.9 56.9#
154 72.7 69.8 104.6





#50

2,4-Dinitrophenol

Concen: 20.579 ng/ul

RT: 15.17 min Scan# 1995

Delta R.T. 0.03 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

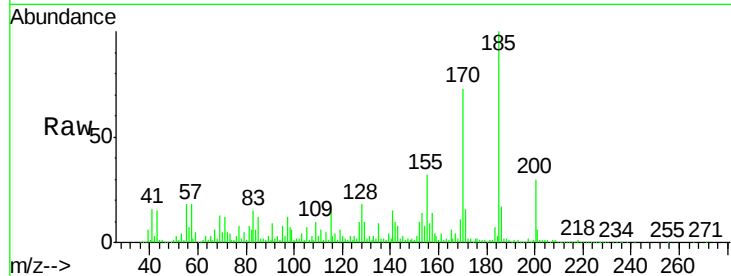
Tot Ion:184 Resp: 42536

Ion Ratio Lower Upper

184 100

63 75.4 39.7 59.5#

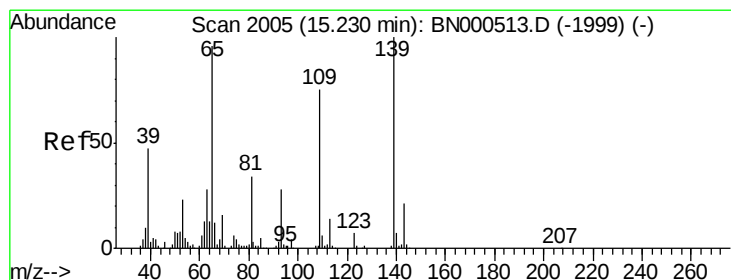
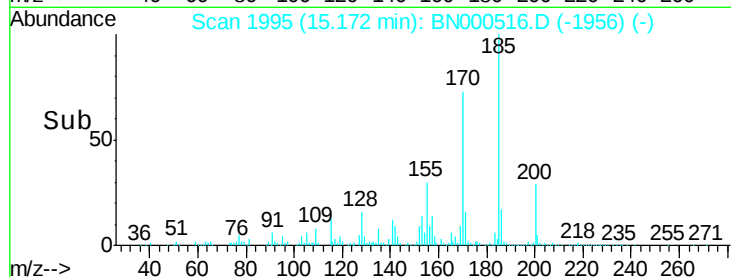
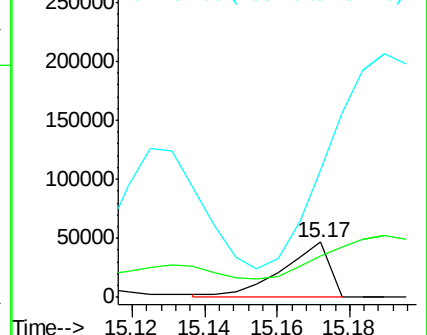
154 230.2 45.0 67.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 74.661 ng/ul

RT: 15.23 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

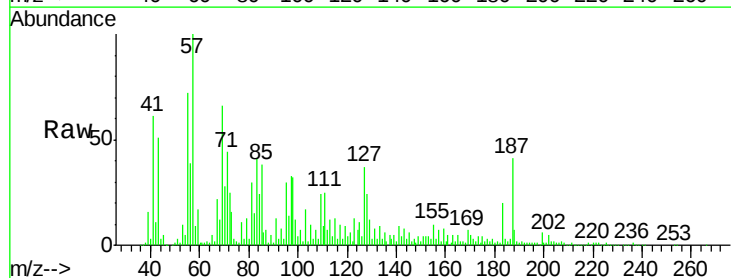
Tgt Ion:109 Resp: 235484

Ion Ratio Lower Upper

109 100

139 22.0 91.2 136.8#

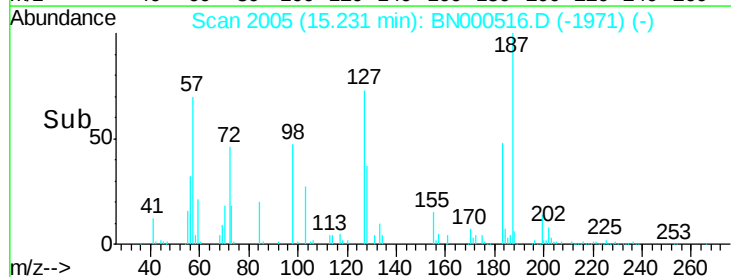
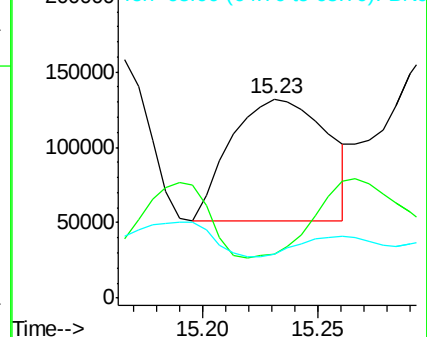
65 22.2 92.6 139.0#

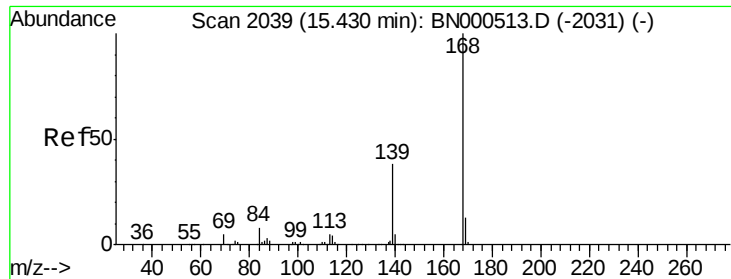


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

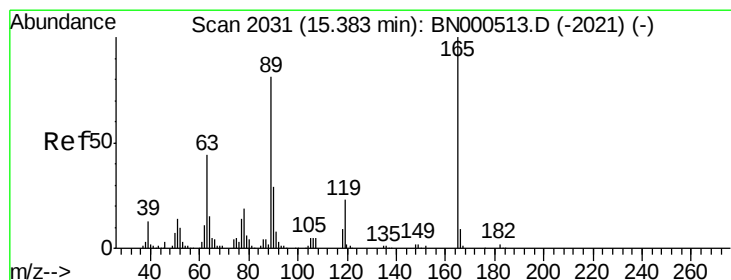
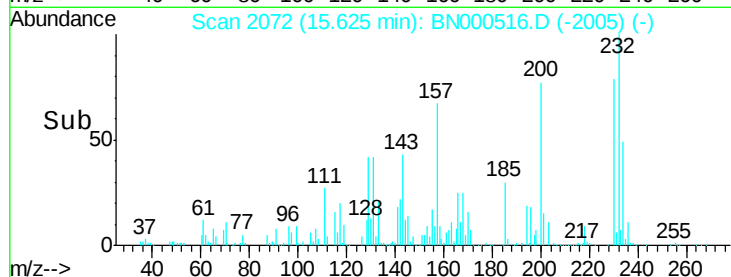
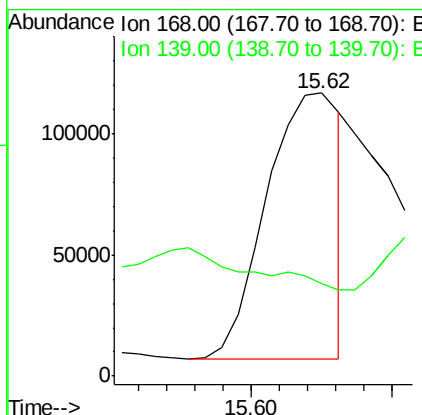
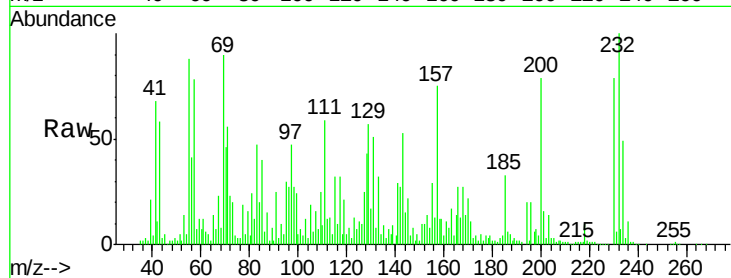




#53
Dibenzofuran
Concen: 7.560 ng/ul
RT: 15.62 min Scan# 2072
Delta R.T. 0.19 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

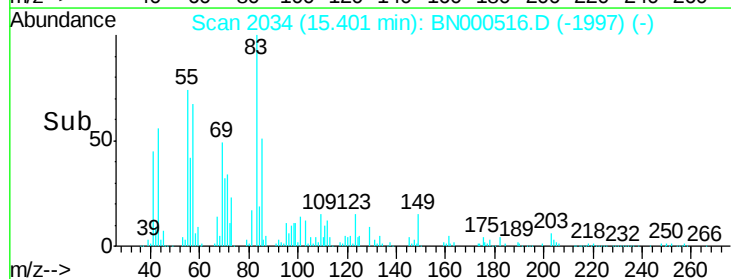
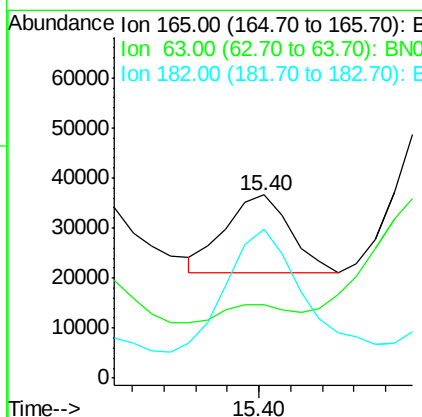
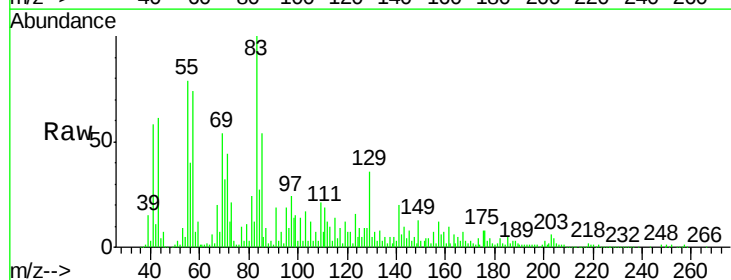
Instrument :
BNA_N
ClientSampleId :

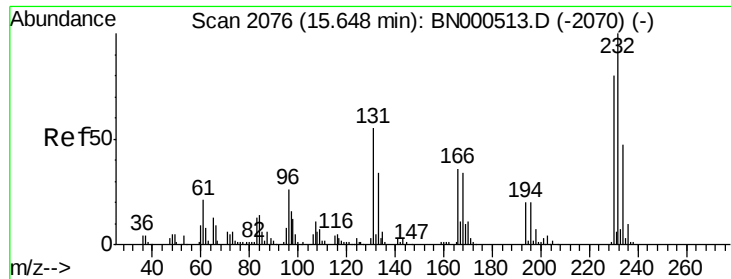
Tot Ion:168 Resp: 198873
Ion Ratio Lower Upper
168 100
139 32.9 31.0 46.4



#54
2,4-Dinitrotoluene
Concen: 3.500 ng/ul
RT: 15.40 min Scan# 2034
Delta R.T. 0.02 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion:165 Resp: 21739
Ion Ratio Lower Upper
165 100
63 40.1 31.4 47.0
182 81.8 2.7 4.1#





#55

2,3,4,6-Tetrachlorophenol

Concen: 313.543 ng/ul

RT: 15.62 min Scan# 2072

Delta R.T. -0.02 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion:232 Resp: 1415459

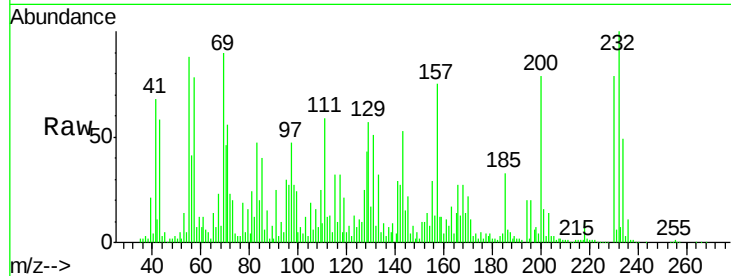
Ion Ratio Lower Upper

232 100

131 51.2 48.0 72.0

130 16.6 4.0 6.0#

166 27.3 32.0 48.0#

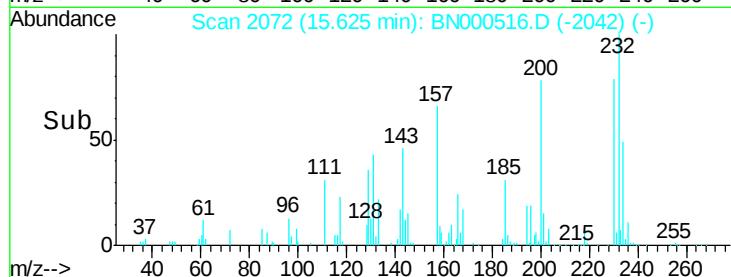


Abundance Ion 232.00 (231.70 to 232.70): E

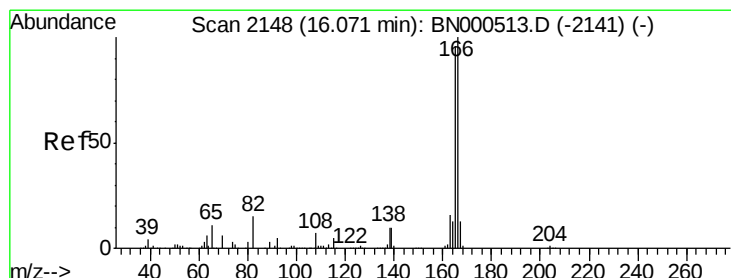
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#58

Fluorene

Concen: 16.937 ng/ul

RT: 16.12 min Scan# 2156

Delta R.T. 0.05 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

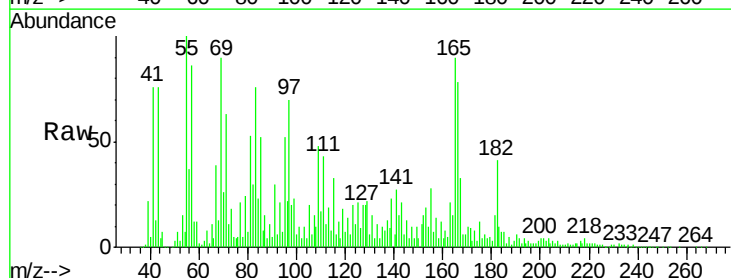
Tgt Ion:166 Resp: 354072

Ion Ratio Lower Upper

166 100

165 114.4 78.4 117.6

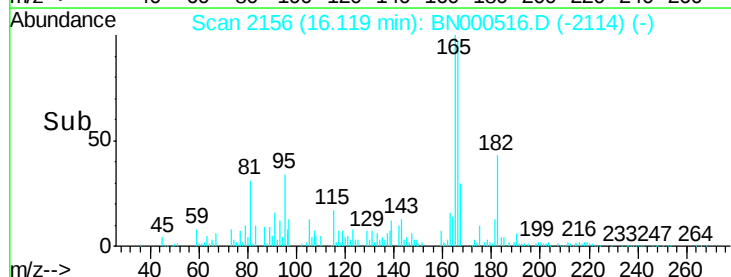
167 42.0 11.1 16.7#



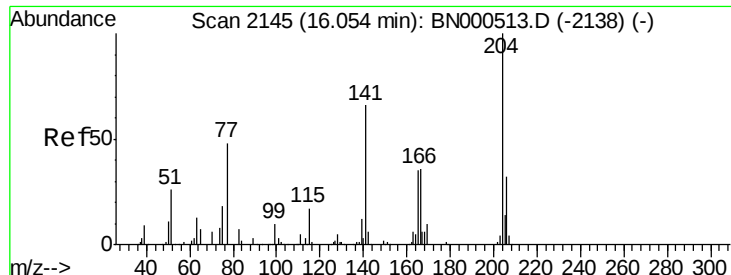
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



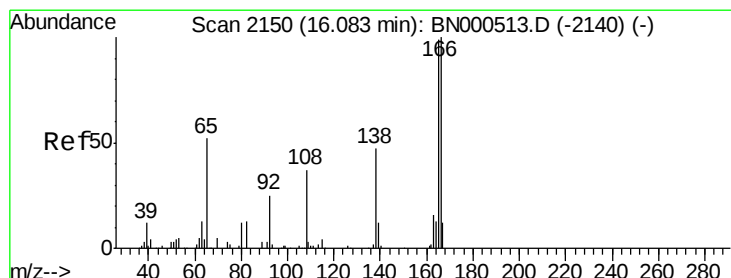
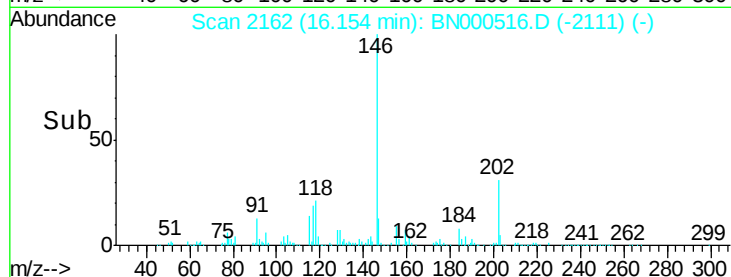
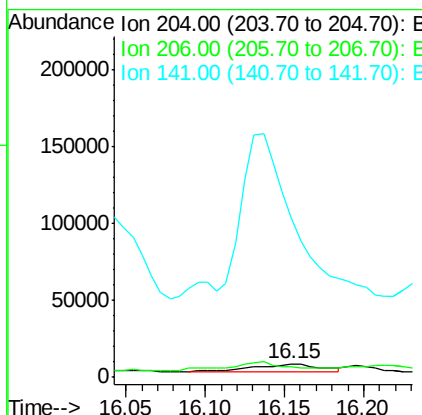
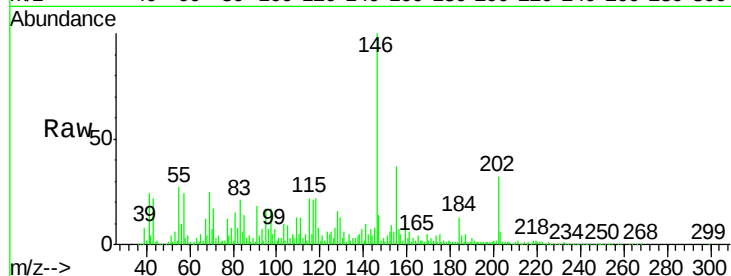
Time-->



#59
4-Chlorophenyl-phenylether
Concen: 1.408 ng/ul
RT: 16.15 min Scan# 2162
Delta R.T. 0.10 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

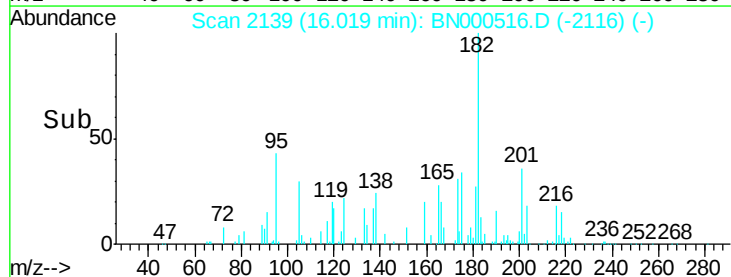
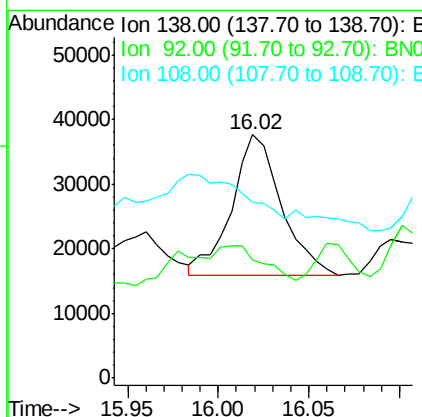
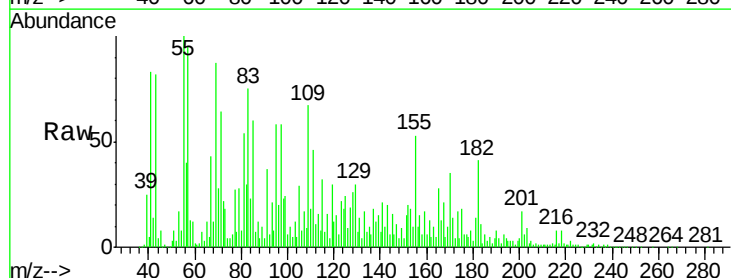
Instrument :
BNA_N
ClientSampled :

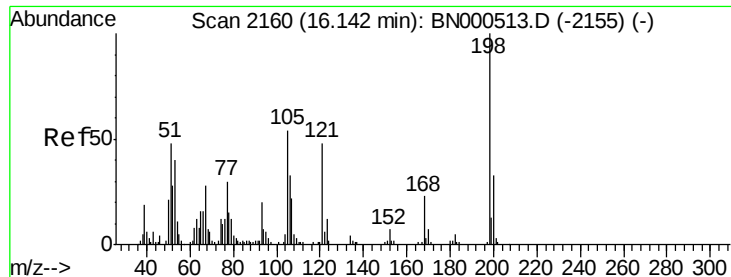
Tot Ion:204 Resp: 13599
Ion Ratio Lower Upper
204 100
206 75.2 26.6 40.0#
141 1203.9 40.7 61.1#



#60
4-Nitroaniline
Concen: 8.671 ng/ul
RT: 16.02 min Scan# 2139
Delta R.T. -0.06 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion:138 Resp: 41209
Ion Ratio Lower Upper
138 100
92 48.7 38.2 57.4
108 72.0 70.0 105.0

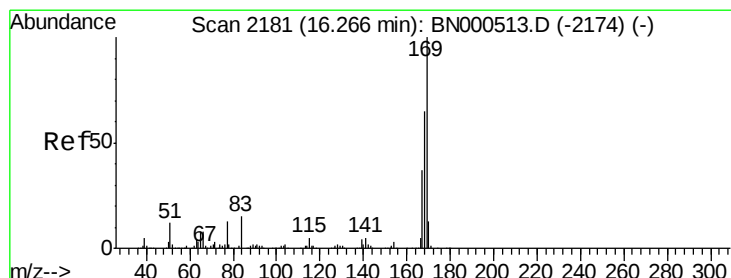
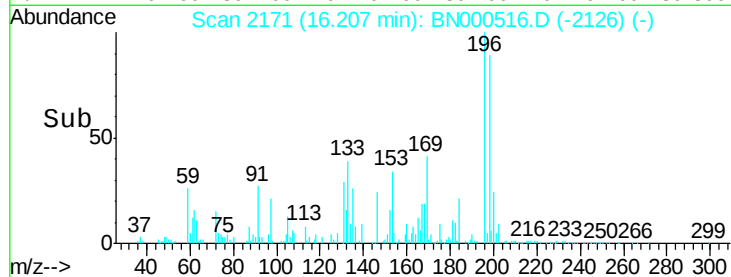
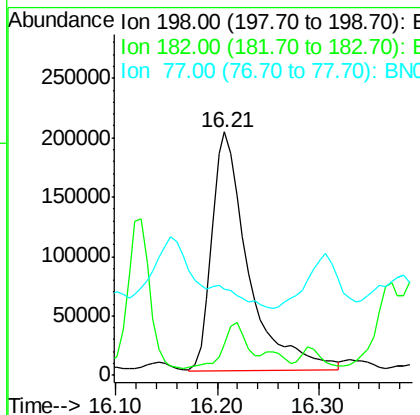
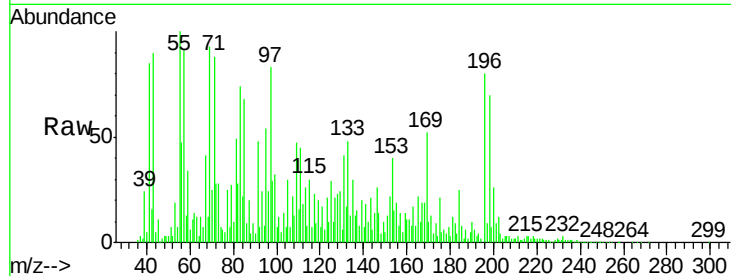




#63
 4,6-Dinitro-2-methylphenol
 Concen: 9213.692 ng/ul
 RT: 16.21 min Scan# 2171
 Delta R.T. 0.07 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

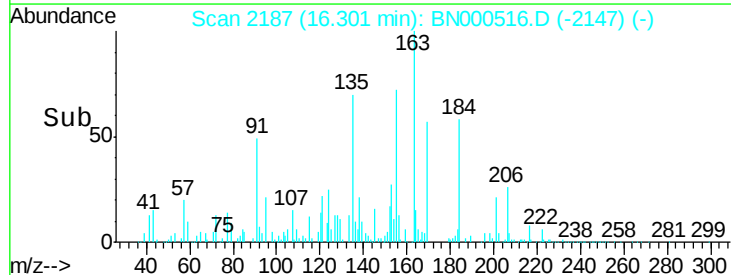
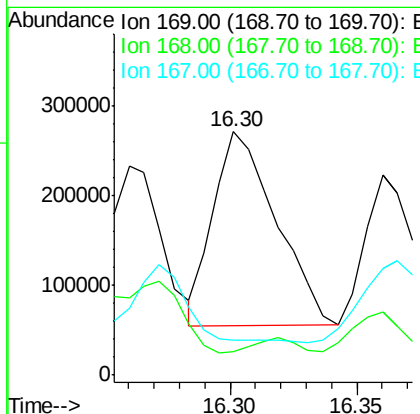
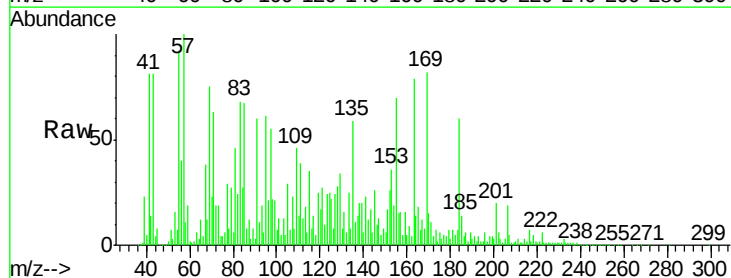
Instrument :
 BNA_N
 ClientSampleId :

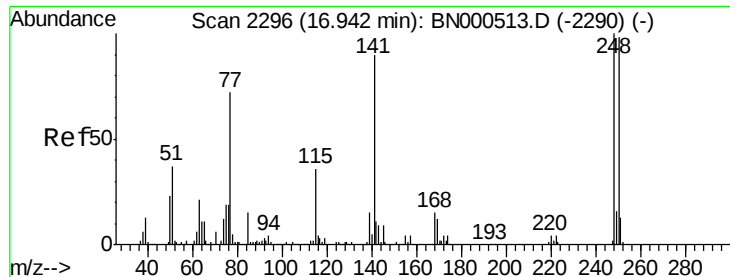
Tot Ion:198 Resp: 501649
 Ion Ratio Lower Upper
 198 100
 182 13.0 3.5 5.3#
 77 35.6 18.2 27.4#



#64
 N-Nitrosodiphenylamine
 Concen: 1255.333 ng/ul
 RT: 16.30 min Scan# 2187
 Delta R.T. 0.04 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Tgt Ion:169 Resp: 372404
 Ion Ratio Lower Upper
 169 100
 168 9.8 53.8 80.8#
 167 14.3 29.5 44.3#

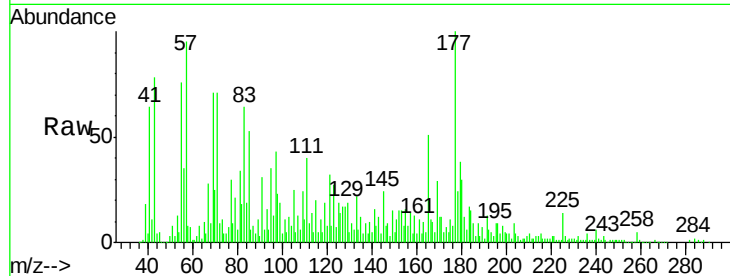




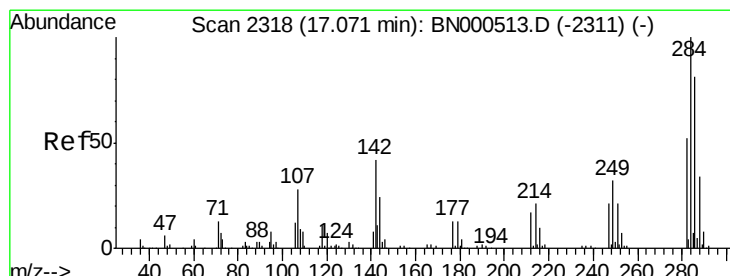
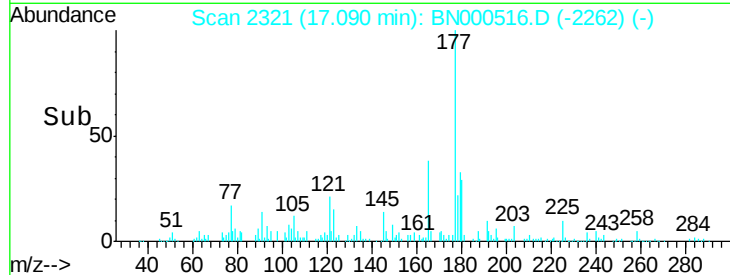
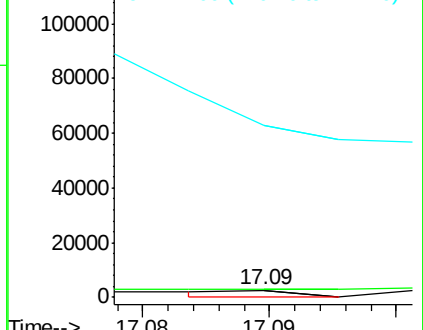
#65
4-Bromophenyl-phenylether
Concen: 9.631 ng/ul
RT: 17.09 min Scan# 2321
Delta R.T. 0.15 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 884
Ion Ratio Lower Upper
248 100
250 110.0 79.0 118.4
141 2507.9 51.9 77.9#

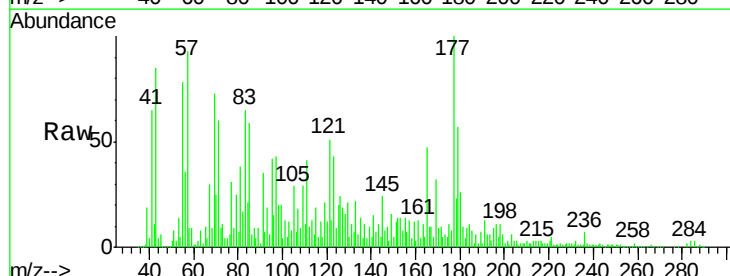


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

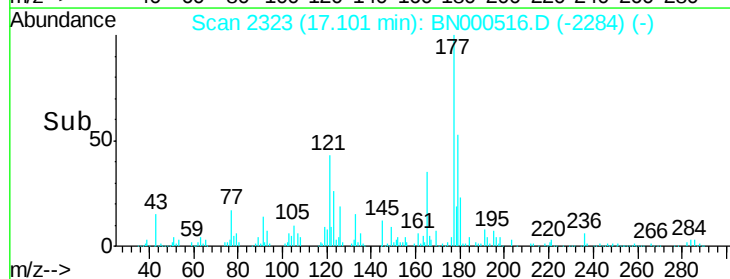
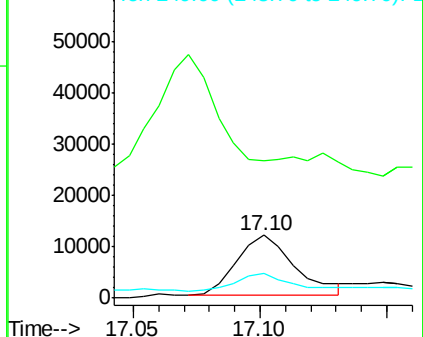


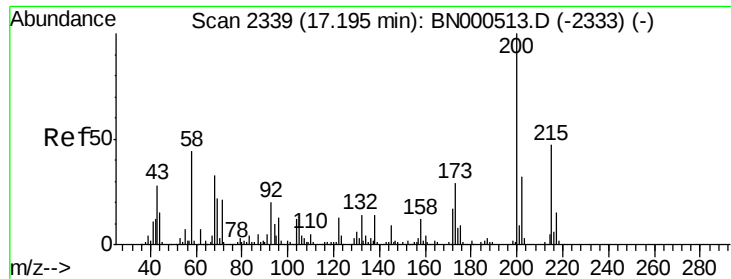
#66
Hexachlorobenzene
Concen: 196.744 ng/ul
RT: 17.10 min Scan# 2323
Delta R.T. 0.03 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion:284 Resp: 19068
Ion Ratio Lower Upper
284 100
142 217.7 21.3 31.9#
249 39.9 26.3 39.5#



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

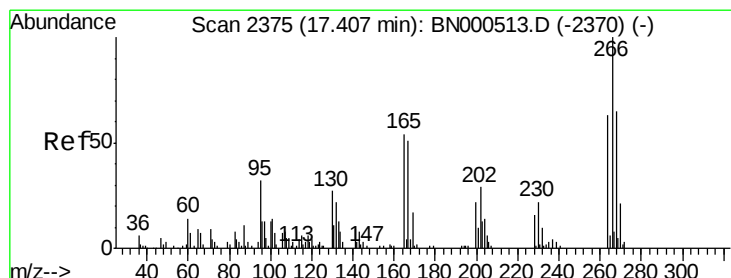
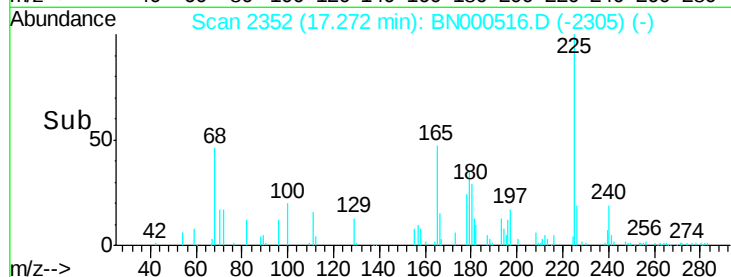
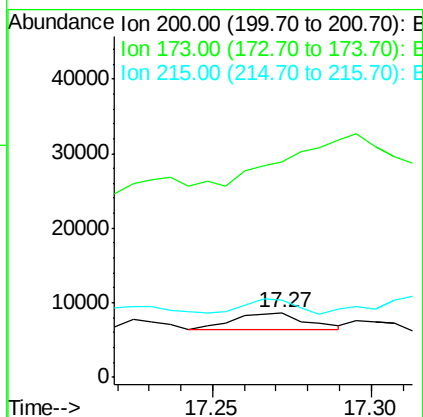
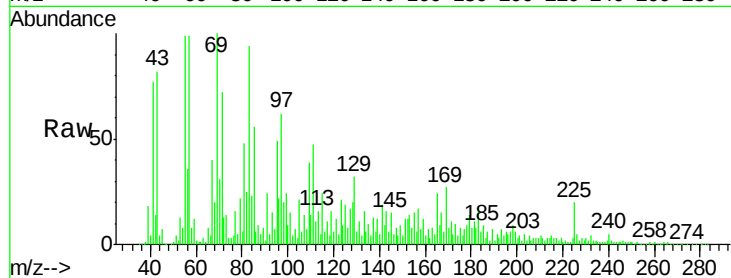




#67
Atrazine
Concen: 37.989 ng/ul
RT: 17.27 min Scan# 2352
Delta R.T. 0.08 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

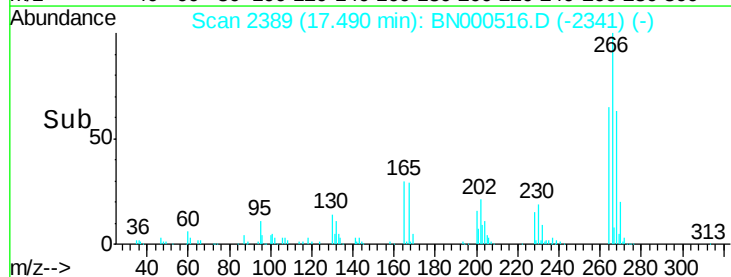
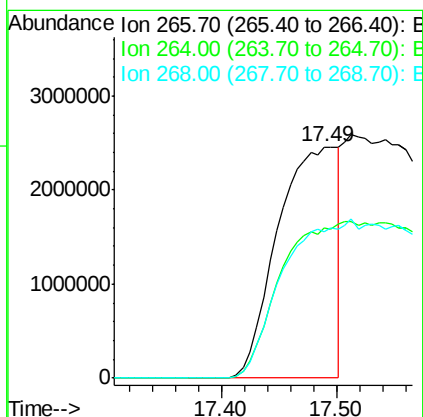
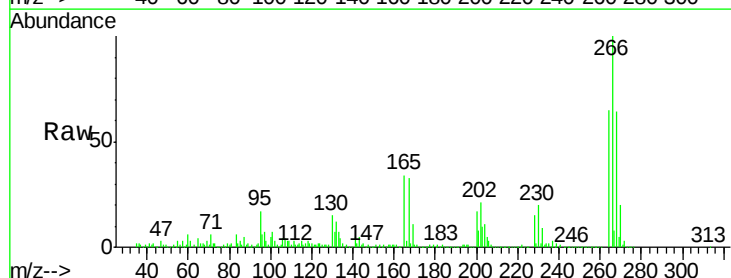
Instrument :
BNA_N
ClientSampleId :

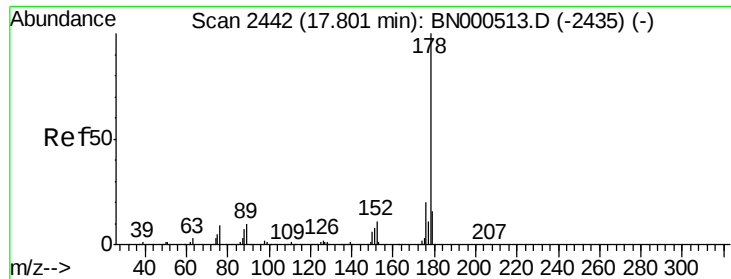
Tot Ion:200 Resp: 3399
Ion Ratio Lower Upper
200 100
173 332.2 20.6 31.0#
215 119.8 39.8 59.6#



#68
Pentachlorophenol
Concen: 173586.642 ng/ul
RT: 17.49 min Scan# 2389
Delta R.T. 0.08 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion:266 Resp: 8881706
Ion Ratio Lower Upper
266 100
264 65.3 48.2 72.4
268 63.5 52.3 78.5





#69

Phenanthrene

Concen: 28.579 ng/ul

RT: 17.83 min Scan# 2447

Delta R.T. 0.03 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

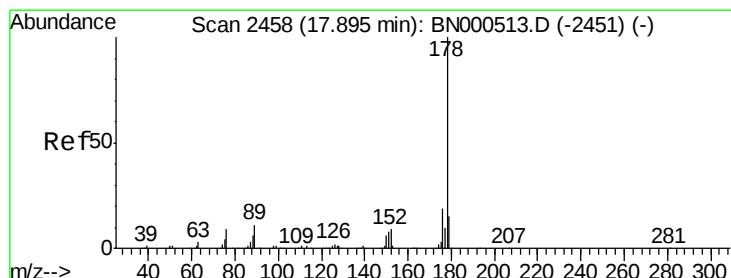
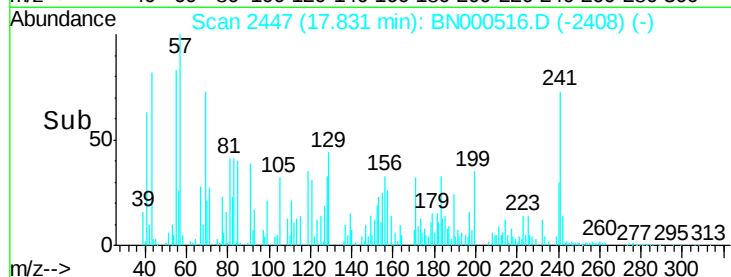
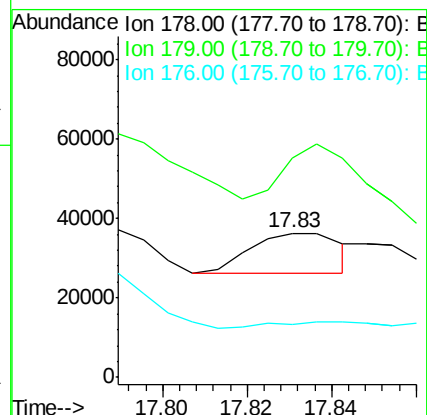
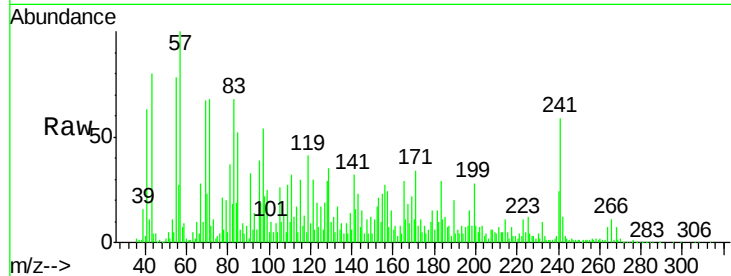
Tot Ion:178 Resp: 14826

Ion Ratio Lower Upper

178 100

179 152.7 12.3 18.5#

176 36.4 15.4 23.0#



#71

Anthracene

Concen: 2856.661 ng/ul

RT: 17.92 min Scan# 2463

Delta R.T. 0.03 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

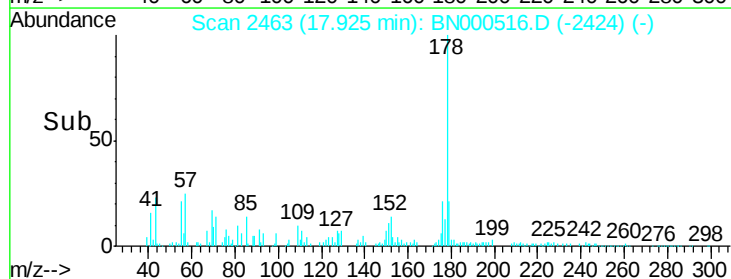
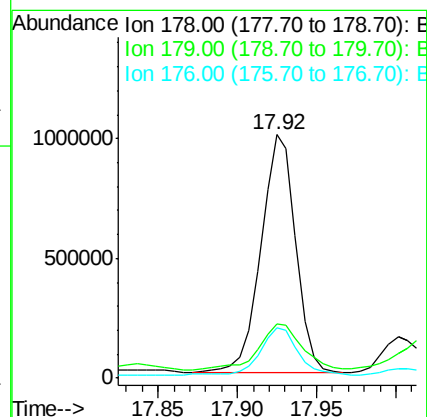
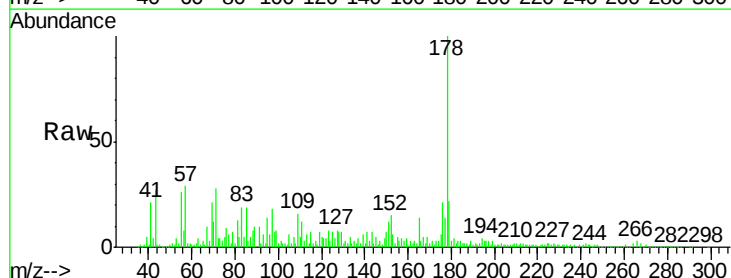
Tgt Ion:178 Resp: 1519570

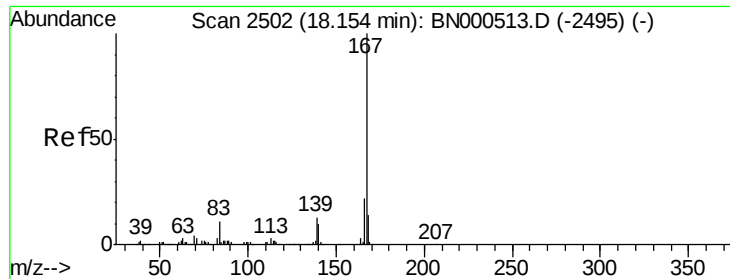
Ion Ratio Lower Upper

178 100

179 22.0 13.4 20.2#

176 20.8 15.4 23.0





#72

Carbazole

Concen: 275.529 ng/ul

RT: 18.22 min Scan# 2514

Delta R.T. 0.07 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampled :

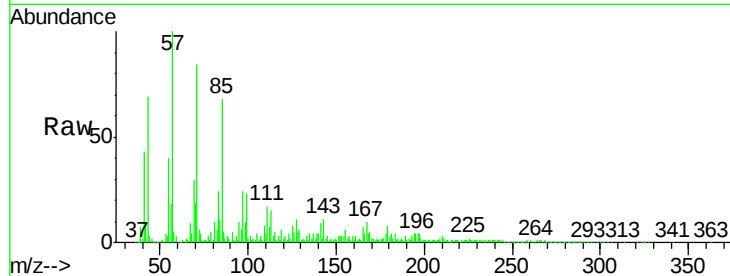
Tot Ion:167 Resp: 125685

Ion Ratio Lower Upper

167 100

166 41.6 17.0 25.4#

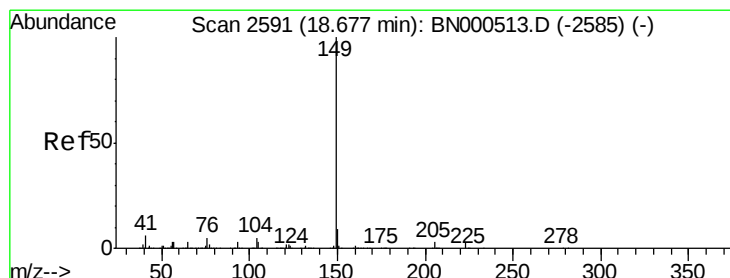
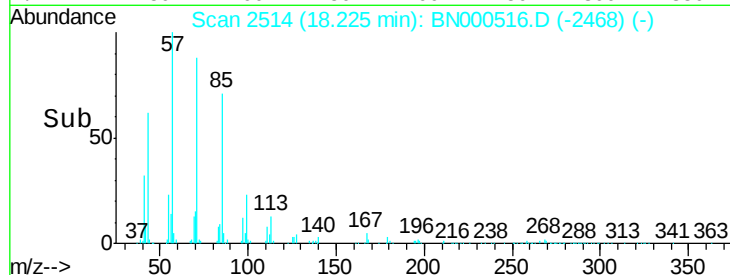
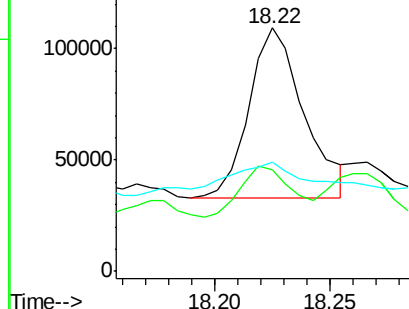
139 44.7 9.1 13.7#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 12.127 ng/ul

RT: 18.77 min Scan# 2606

Delta R.T. 0.09 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

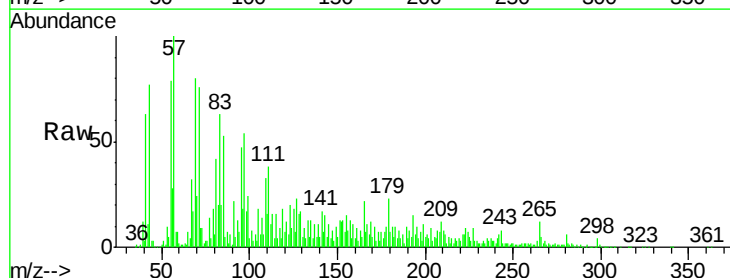
Tgt Ion:149 Resp: 7523

Ion Ratio Lower Upper

149 100

150 49.8 7.5 11.3#

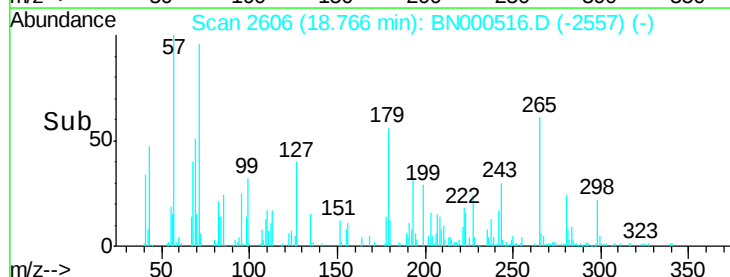
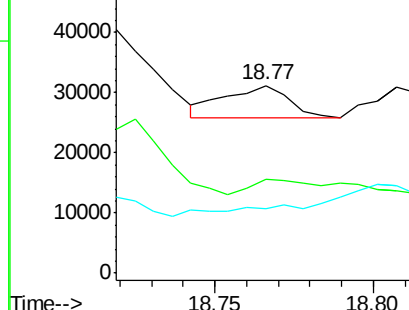
104 34.2 4.1 6.1#

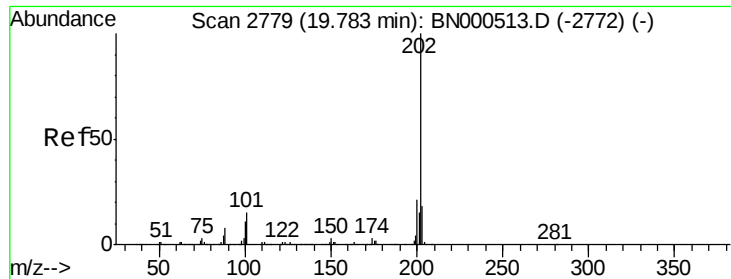


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.340 ng/ul

RT: 19.90 min Scan# 2798

Delta R.T. 0.11 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

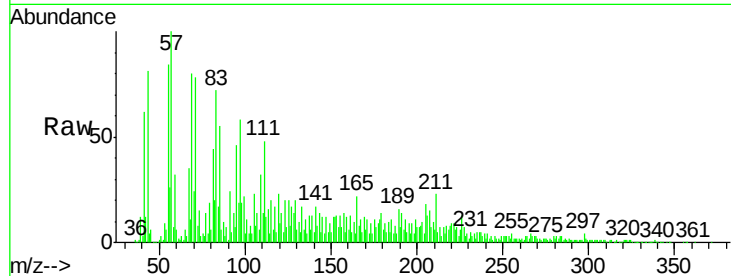
Tot Ion:202 Resp: 11001

Ion Ratio Lower Upper

202 100

101 136.3 6.1 9.1#

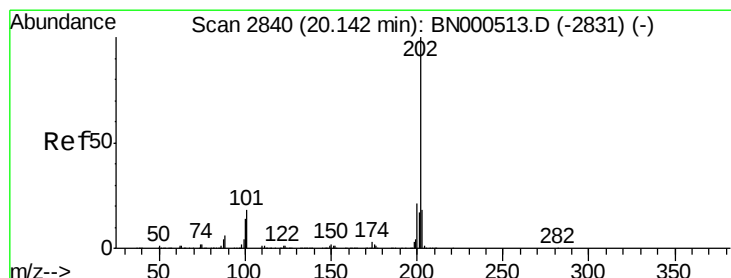
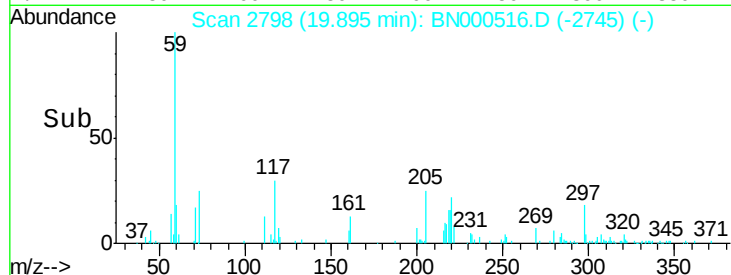
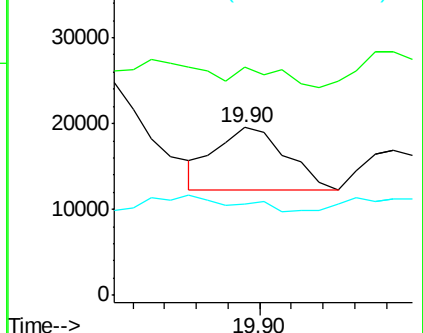
100 54.6 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 458.137 ng/ul

RT: 20.23 min Scan# 2855

Delta R.T. 0.09 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

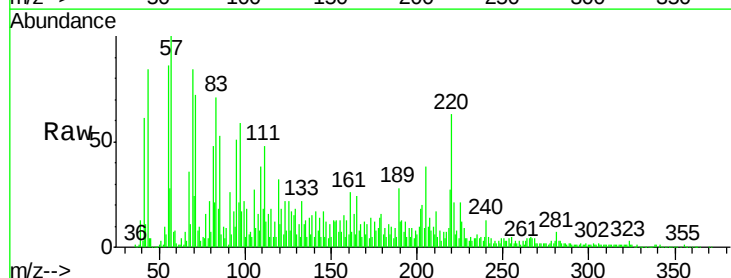
Tgt Ion:202 Resp: 28175

Ion Ratio Lower Upper

202 100

101 97.1 6.9 10.3#

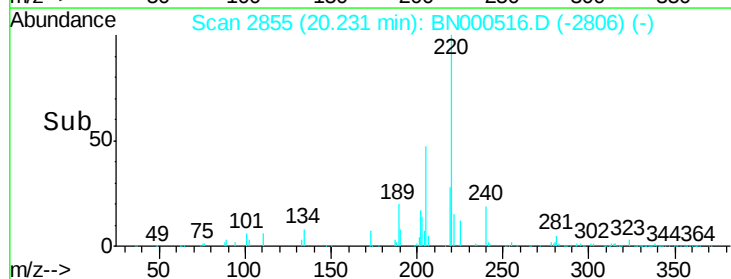
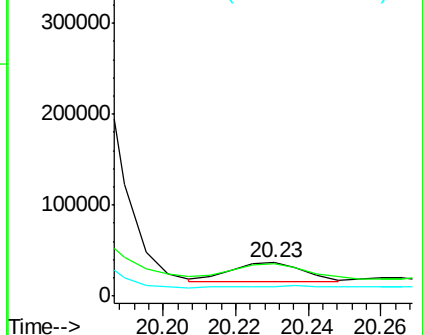
100 29.5 5.6 8.4#

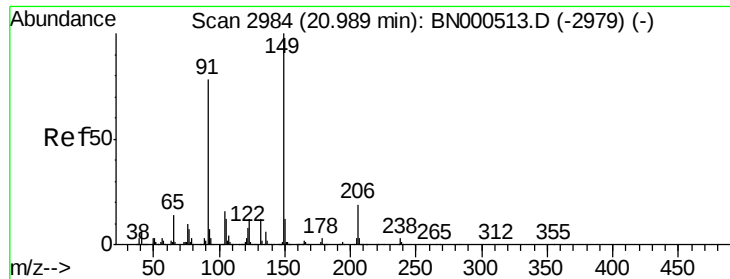


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

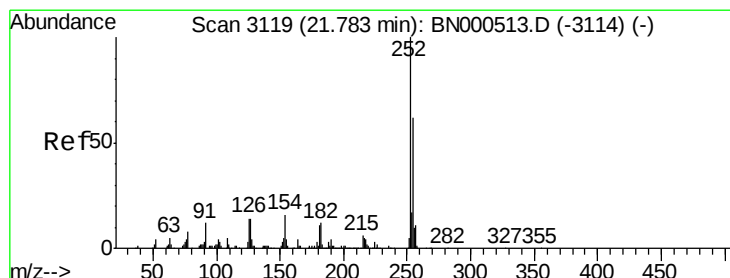
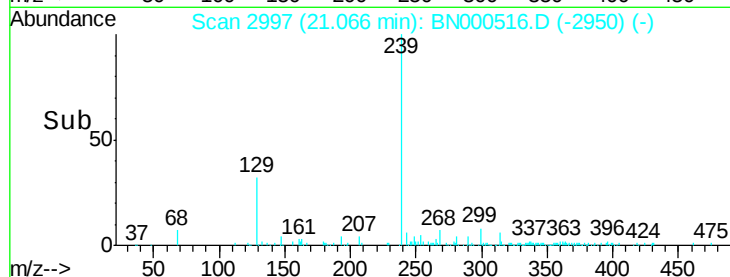
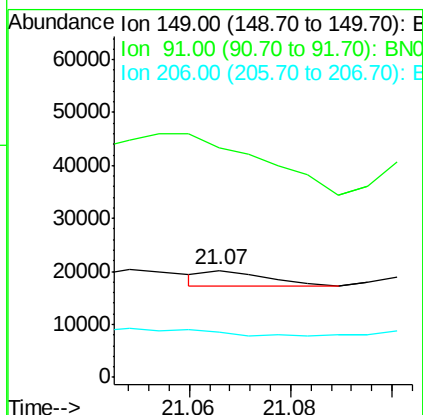
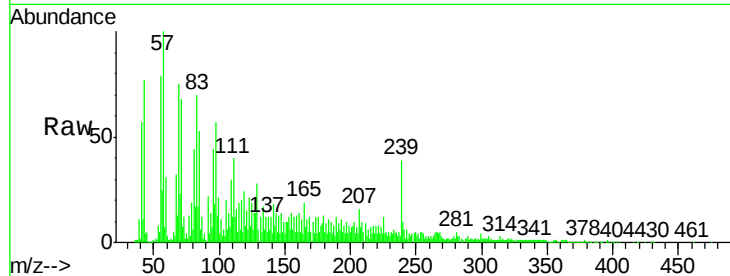




#78
Butylbenzylphthalate
Concen: 75.488 ng/ul
RT: 21.07 min Scan# 2997
Delta R.T. 0.08 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

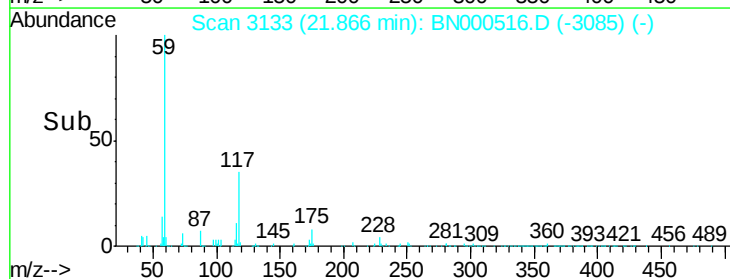
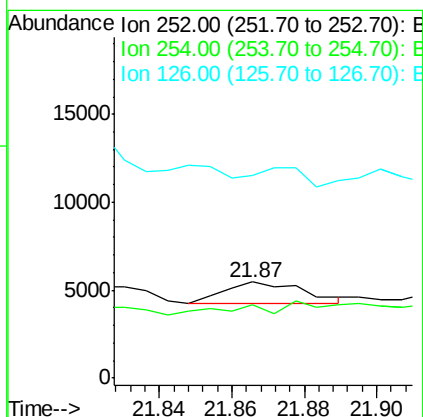
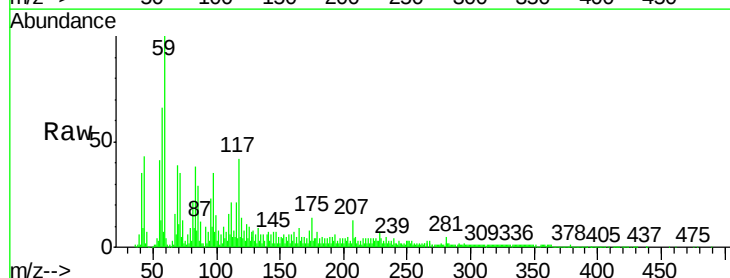
Instrument :
BNA_N
ClientSampleId :

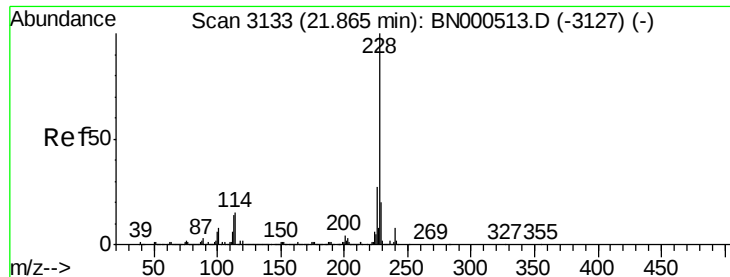
Tot Ion:149 Resp: 2306
Ion Ratio Lower Upper
149 100
91 215.2 53.4 80.0#
206 42.5 19.3 28.9#



#79
3,3'-Dichlorobenzidine
Concen: 109.484 ng/ul
RT: 21.87 min Scan# 3133
Delta R.T. 0.08 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion:252 Resp: 1801
Ion Ratio Lower Upper
252 100
254 76.7 52.8 79.2
126 211.5 6.9 10.3#





#80

Benzo(a)anthracene

Concen: 1769.578 ng/ul

RT: 21.94 min Scan# 3145

Delta R.T. 0.07 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

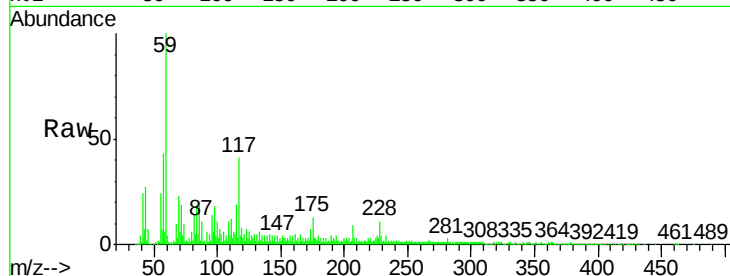
Tot Ion:228 Resp: 99276

Ion Ratio Lower Upper

228 100

229 38.3 16.0 24.0#

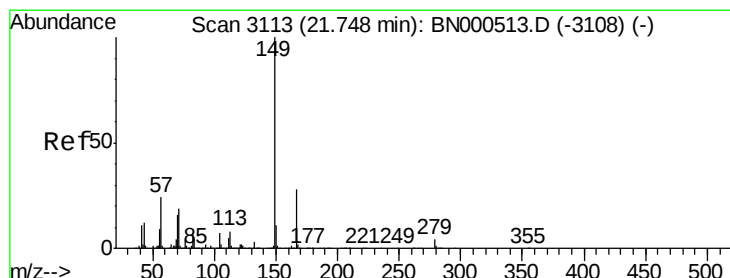
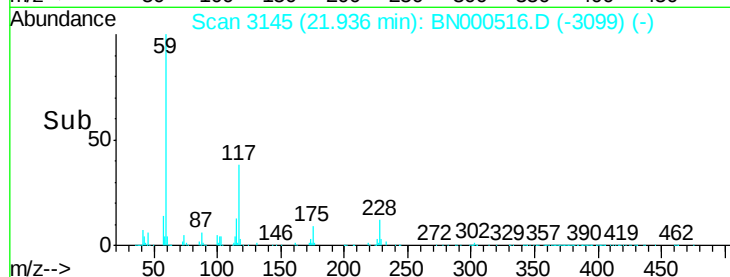
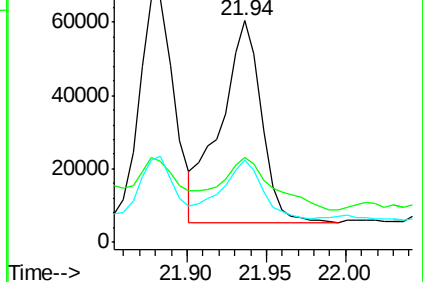
226 37.4 21.8 32.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 5384.026 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

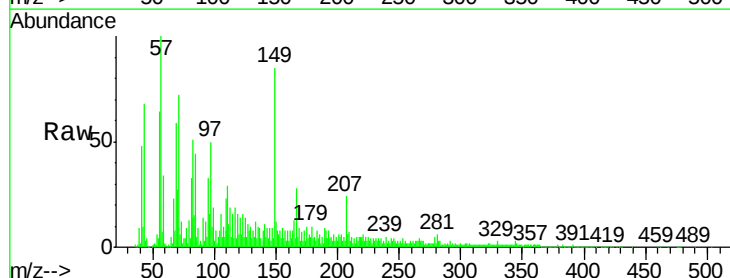
Tgt Ion:149 Resp: 238777

Ion Ratio Lower Upper

149 100

167 33.5 23.0 34.6

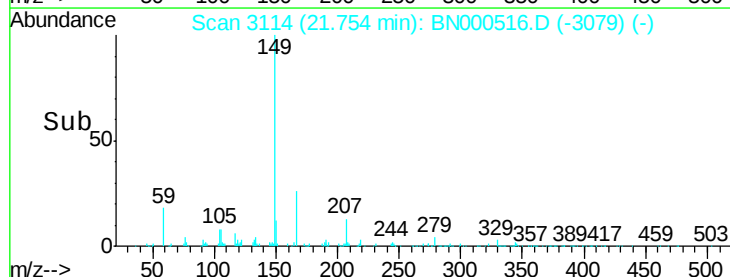
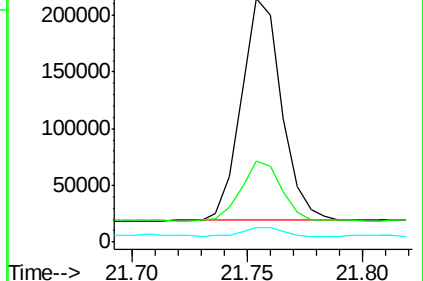
279 5.9 4.3 6.5

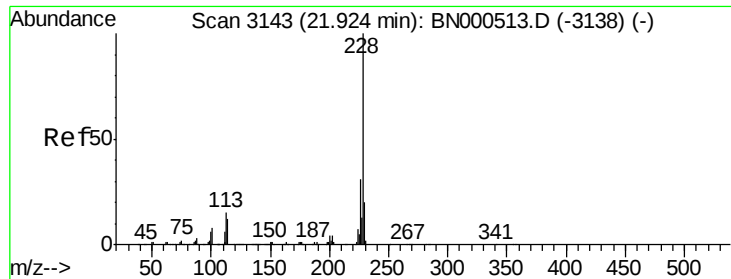


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 16.618 ng/ul

RT: 22.01 min Scan# 3157

Delta R.T. 0.08 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

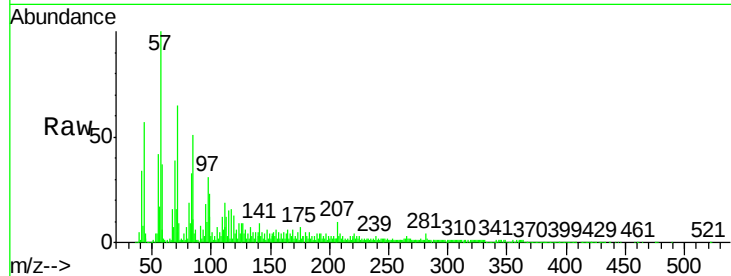
Tot Ion:228 Resp: 874

Ion Ratio Lower Upper

228 100

226 108.6 24.1 36.1#

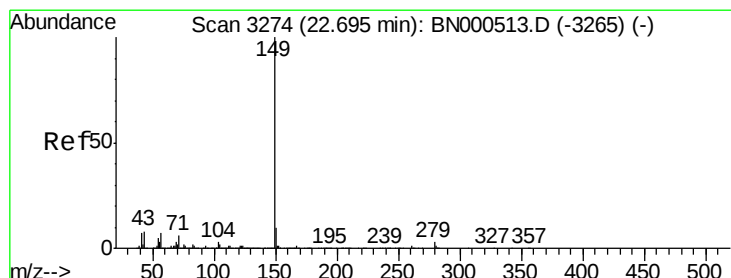
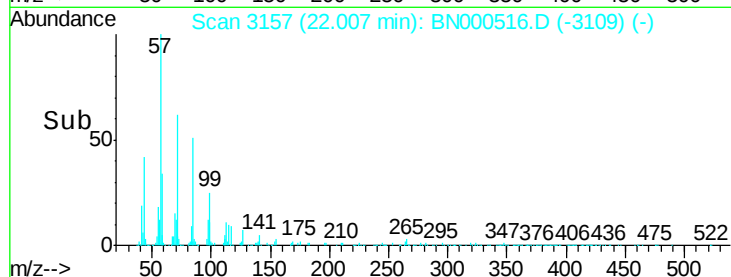
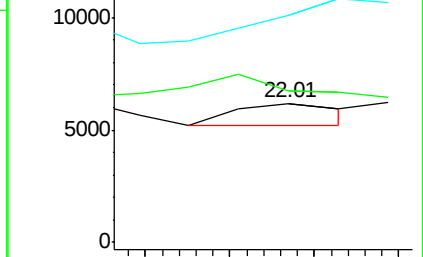
229 162.7 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 2.933 ng/ul

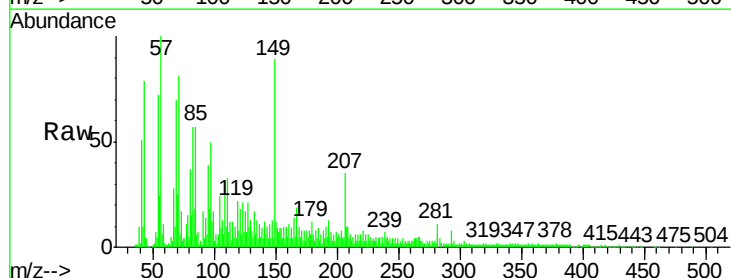
RT: 22.71 min Scan# 3276

Delta R.T. 0.01 min

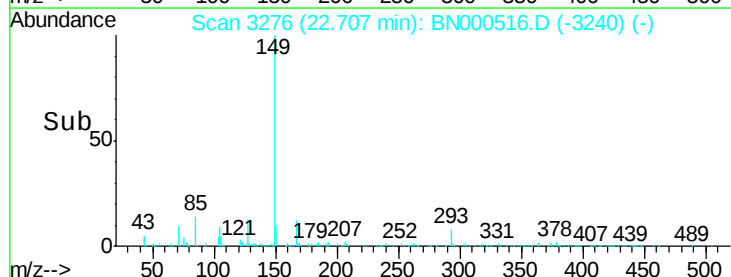
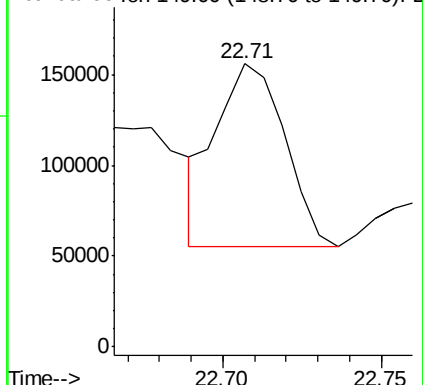
Lab File: BN000516.D

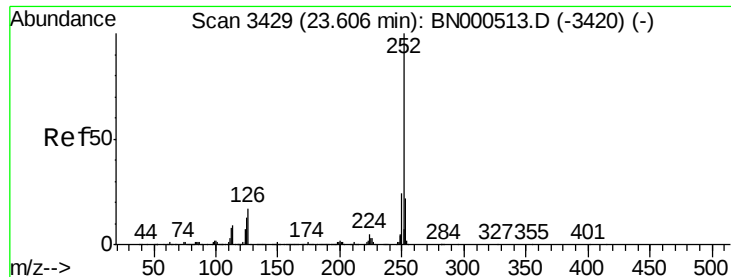
Acq: 21 Mar 2018 13:01

Tgt Ion:149 Resp: 150449



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 1.269 ng/ul

RT: 23.62 min Scan# 3432

Delta R.T. 0.02 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

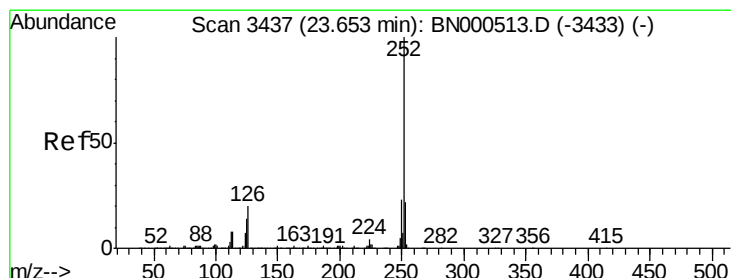
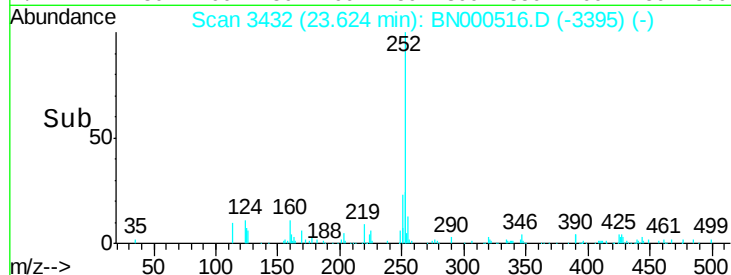
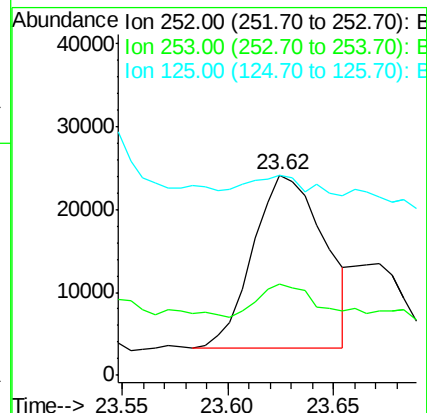
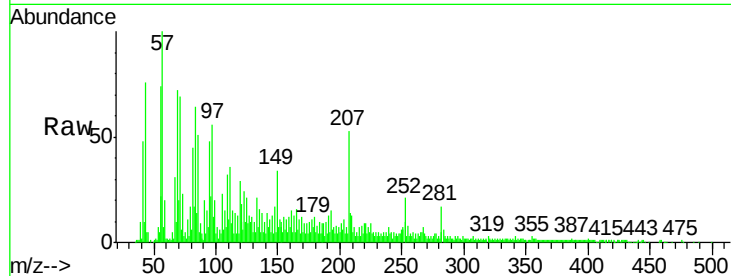
Tot Ion:252 Resp: 48882

Ion Ratio Lower Upper

252 100

253 45.9 17.4 26.0#

125 100.1 4.9 7.3#



#86

Benzo(k)fluoranthene

Concen: 1.315 ng/ul

RT: 23.62 min Scan# 3432

Delta R.T. -0.03 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Tgt Ion:252 Resp: 48882

Ion Ratio Lower Upper

252 100

253 45.9 17.1 25.7#

125 100.1 5.4 8.0#

