

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000520.D
 Acq On : 21 Mar 2018 15:18
 Operator : JU/SJ
 Sample : J1905-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:37:41 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	8.43	152	196753	20.00	ng/ul	0.02
18) Naphthalene-d8	11.28	136	682955	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.06	164	385014	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.77	188	3049	20.00	ng/ul	0.01
75) Chrysene-d12	21.90	240	627301	20.00	ng/ul	0.02
83) Perylene-d12	24.39	264	613160	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	16391	2.98	ng/uL	0.00
5) Phenol-d5	7.57	99	22459	1.22	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.73	67	71546	6.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.96	132	7493	0.54	ng/ul	0.02
13) 4-Methylphenol-d8	9.15	113	5703	0.40	ng/ul	0.02
19) Nitrobenzene-d5	9.63	128	32586	5.87	ng/ul	0.04
22) 2-Nitrophenol-d4	10.38	143	103922	18.09	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.90	165	9682	0.94	ng/ul	0.04
29) 4-Chloroaniline-d4	11.38	131	372369	35.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.44	166	23756	0.78	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	29532	0.74	ng/ul	0.02
51) 4-Nitrophenol-d4	15.26	143	131376	23.26	ng/ul	0.04
57) Fluorene-d10	16.05	176	37884	1.46	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.13	200	13191	755.41	ng/ul	0.00
70) Anthracene-d10	17.91	188	19102	130.34	ng/ul	0.05
76) Pyrene-d10	20.14	212	29680	0.86	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.22	264	12422	0.43	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	7.55	77	230158	30.754	ng/ul#	1
6) Phenol	7.61	94	20921	1.117	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.80	93	20641	1.389	ng/ul#	1
14) Acetophenone	9.40	105	485650	22.850	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.20	70	219774	19.770	ng/ul#	51
17) Hexachloroethane	9.55	117	479768	81.144	ng/ul#	1
20) Nitrobenzene	9.64	77	71193	5.199	ng/ul#	40
21) Isophorone	10.18	82	362359	13.883	ng/ul#	2
23) 2-Nitrophenol	10.36	139	24832	4.018	ng/ul#	1
25) Bis(2-Chloroethoxy)methane	10.68	93	25738	1.561	ng/ul#	1
27) 2,4-Dichlorophenol	10.91	162	10008	1.001	ng/ul#	1
28) Naphthalene	11.33	128	2010382	56.054	ng/ul	96
30) 4-Chloroaniline	11.45	127	21940	2.044	ng/ul#	27
32) Caprolactam	12.14	113	59572	16.301	ng/ul#	1
34) 2-Methylnaphthalene	12.92	142	3318597	138.594	ng/ul	100
38) 2,4,6-Trichlorophenol	13.52	196	31991	4.077	ng/ul	95
39) 2,4,5-Trichlorophenol	13.60	196	26843	3.281	ng/ul	96
40) 1,1'-Biphenyl	13.89	154	415245	12.669	ng/ul#	91
44) Dimethylphthalate	14.48	163	57991	1.927	ng/ul#	9
45) 2,6-Dinitrotoluene	14.58	165	86856	14.326	ng/ul#	37
47) Acenaphthylene	14.78	152	88388	2.248	ng/ul#	1
48) 3-Nitroaniline	14.98	138	27596	4.714	ng/ul#	33
49) Acenaphthene	15.12	153	232167	8.662	ng/ul#	78

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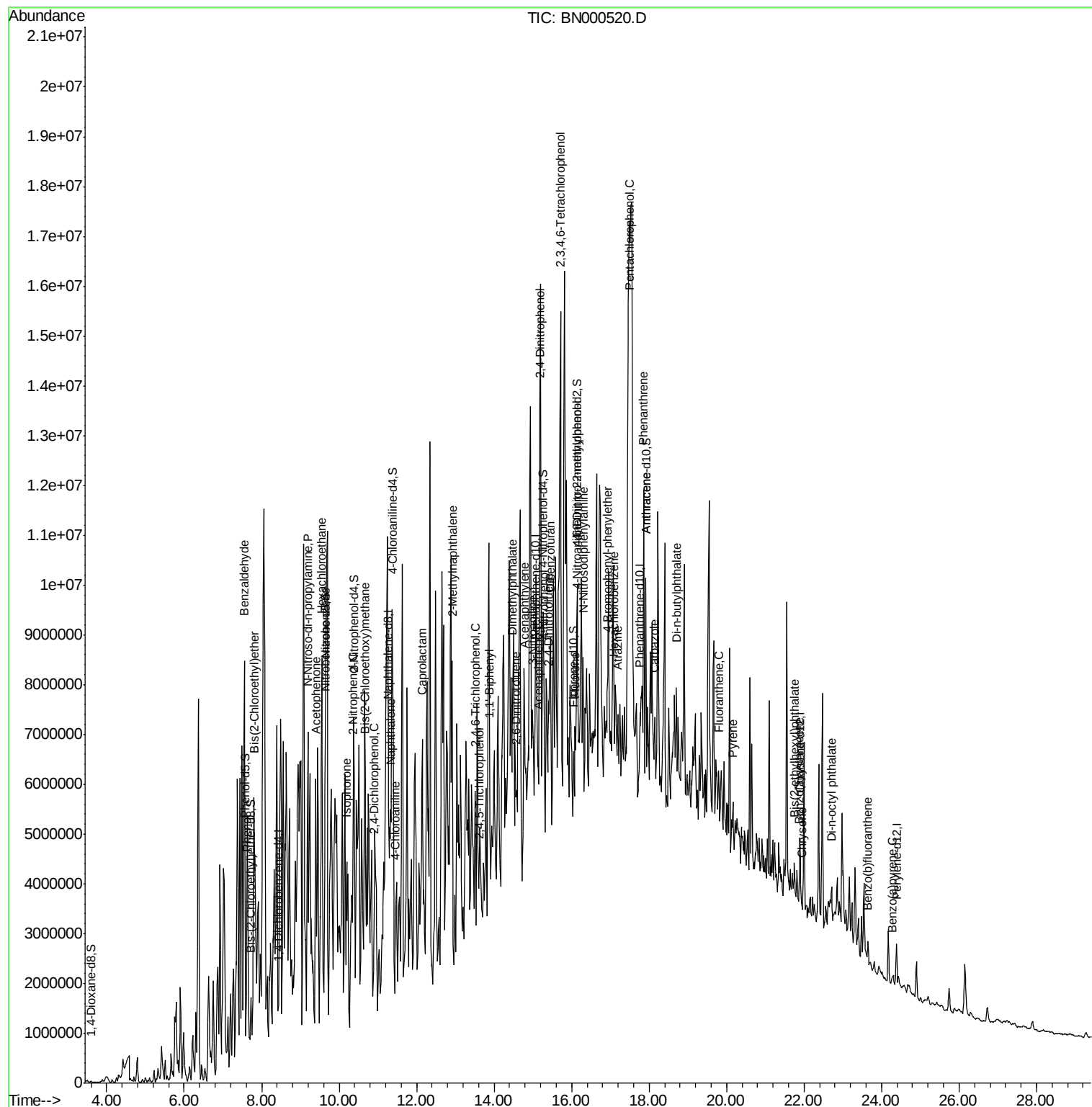
50) 2,4-Dinitrophenol	15.17	184	44745	15.643	ng/ul#	1
52) 4-Nitrophenol	15.29	109	253171	58.004	ng/ul#	10
53) Dibenzofuran	15.46	168	152606	4.192	ng/ul#	16
54) 2,4-Dinitrotoluene	15.40	165	22037	2.564	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.71	232	3354444	536.949	ng/ul#	77
58) Fluorene	16.11	166	344928	11.923	ng/ul#	80
60) 4-Nitroaniline	16.12	138	135373	20.585	ng/ul#	57
63) 4,6-Dinitro-2-methylphenol	16.14	198	6765	366.968	ng/ul#	1
64) N-Nitrosodiphenylamine	16.30	169	491085	4889.083	ng/ul#	40
65) 4-Bromophenyl-phenvlether	16.92	248	557	17.923	ng/ul#	1
66) Hexachlorobenzene	17.10	284	35369	1077.819	ng/ul#	9
67) Atrazine	17.20	200	1365	45.057	ng/ul#	1
68) Pentachlorophenol	17.49	266	8453572	487962.510	ng/ul	95
69) Phenanthrene	17.86	178	1236269	7038.145	ng/ul#	92
71) Anthracene	17.91	178	2736	15.191	ng/ul#	1
72) Carbazole	18.15	167	4214	27.284	ng/ul#	1
73) Di-n-butylphthalate	18.70	149	30333	144.417	ng/ul#	1
74) Fluoranthene	19.81	202	347477	1990.748	ng/ul#	75
77) Pyrene	20.17	202	377384	8.237	ng/ul#	74
80) Benzo(a)anthracene	21.88	228	76940	1.841	ng/ul#	81
81) Bis(2-ethylhexyl)phthalate	21.75	149	247485	7.490	ng/ul	95
82) Chrysene	21.94	228	75526	1.928	ng/ul#	80
84) Di-n-octyl phthalate	22.71	149	306296	5.935	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	61733	1.593	ng/ul#	27
88) Benzo(a)pyrene	24.28	252	42219	1.158	ng/ul#	36

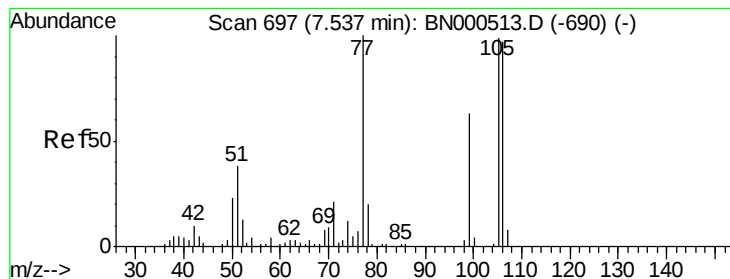
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 30.754 ng/ul

RT: 7.55 min Scan# 699

Delta R.T. 0.01 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampleId :

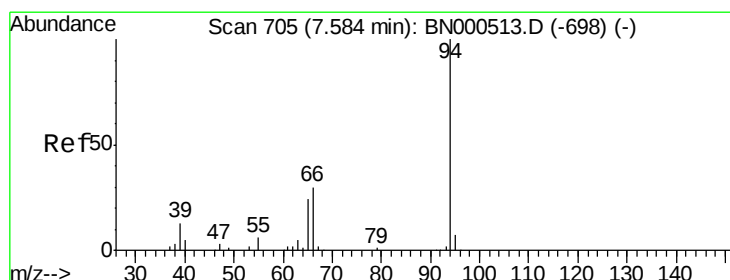
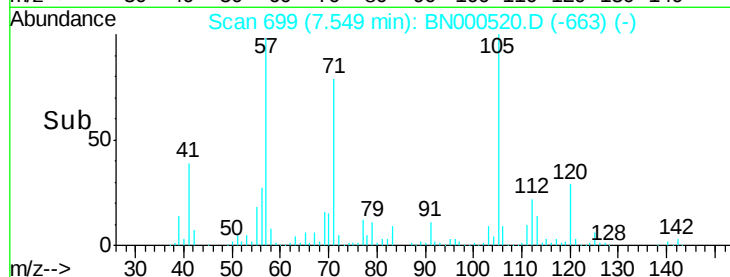
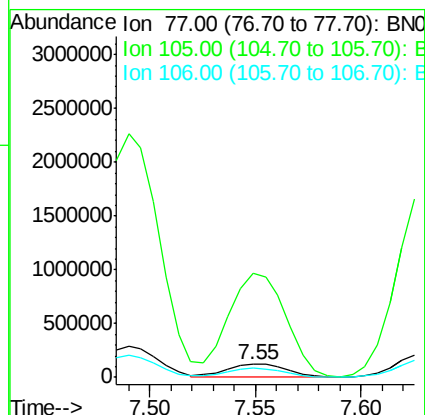
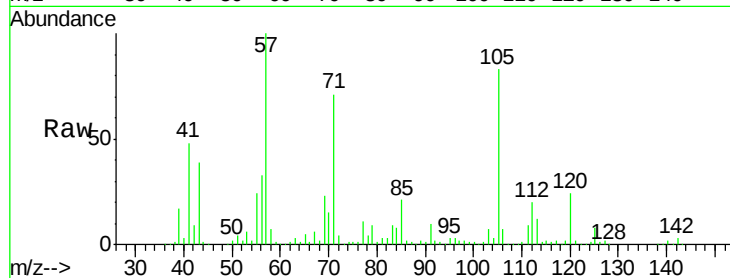
Tot Ion: 77 Resp: 230158

Ion Ratio Lower Upper

77 100

105 787.6 71.0 106.6#

106 71.0 69.5 104.3



#6

Phenol

Concen: 1.117 ng/ul

RT: 7.61 min Scan# 710

Delta R.T. 0.03 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

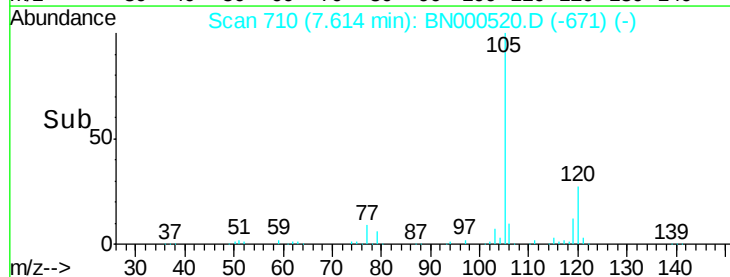
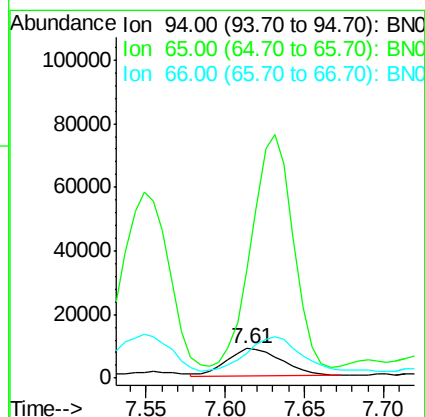
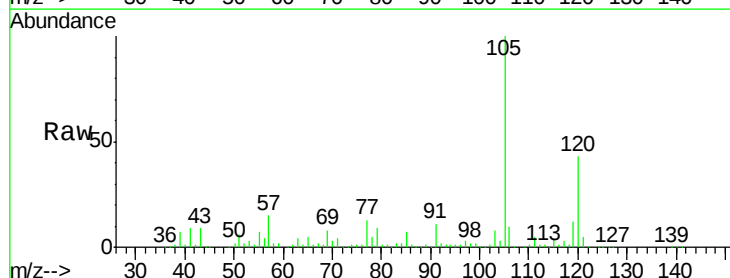
Tgt Ion: 94 Resp: 20921

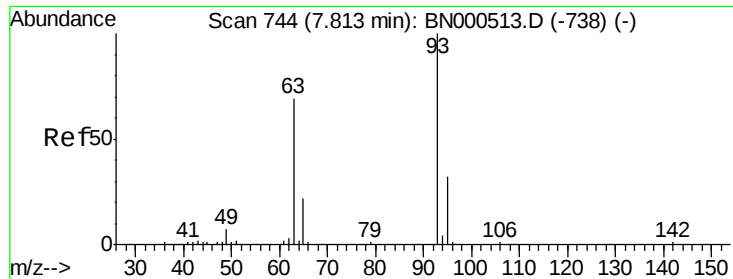
Ion Ratio Lower Upper

94 100

65 363.2 23.0 34.6#

66 83.5 30.4 45.6#



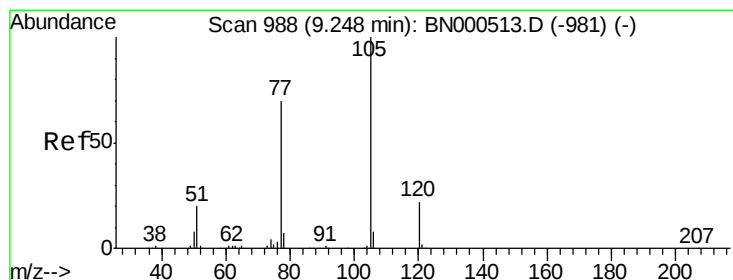
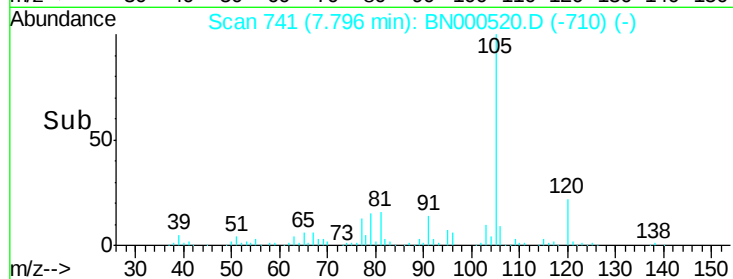
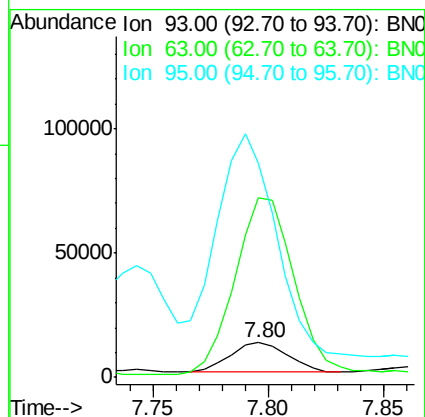
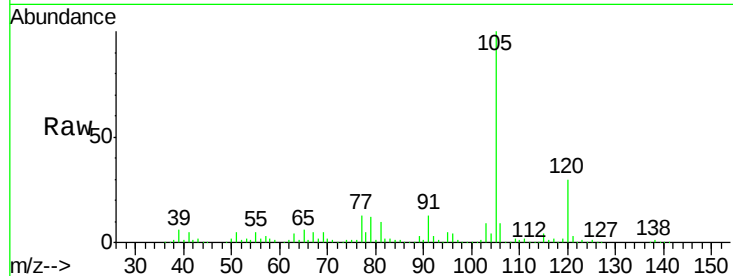


#8

Bis(2-Chloroethyl)ether
Concen: 1.389 ng/ul
RT: 7.80 min Scan# 741
Delta R.T. -0.02 min
Lab File: BN000520.D
Acq: 21 Mar 2018 15:18

Instrument :
BNA_N
ClientSampleId :

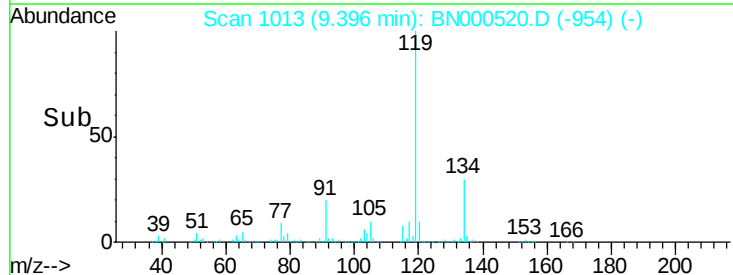
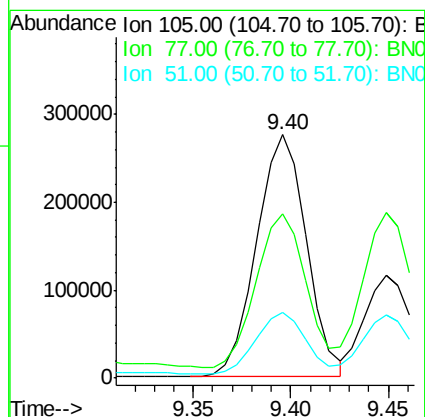
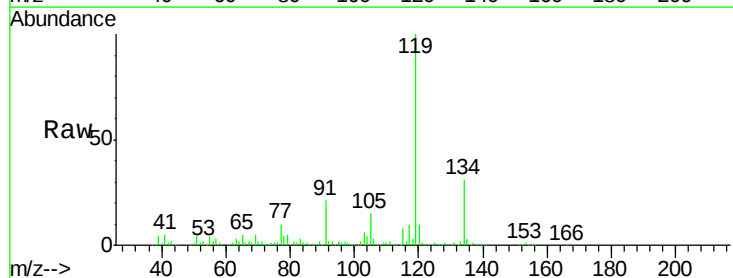
Tot Ion	93	Resp	20641
Ion Ratio	Lower	Upper	
93	100		
63	522.2	59.4	89.2#
95	622.9	26.4	39.6#

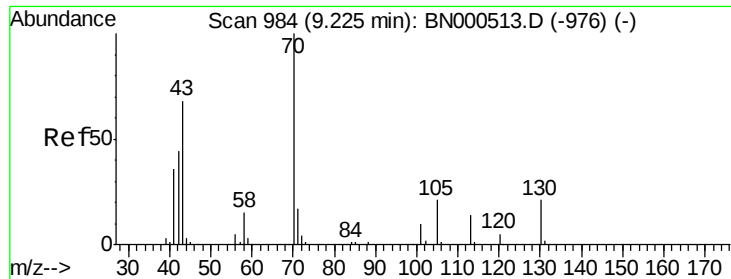


#14

Acetophenone
Concen: 22.850 ng/ul
RT: 9.40 min Scan# 1013
Delta R.T. 0.15 min
Lab File: BN000520.D
Acq: 21 Mar 2018 15:18

Tgt Ion	105	Resp	485650
Ion Ratio	Lower	Upper	
105	100		
77	67.7	63.2	94.8
51	26.8	19.8	29.8

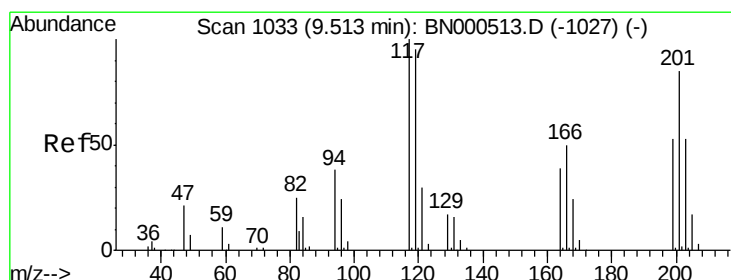
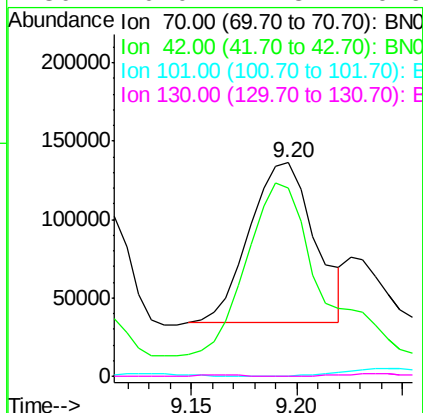
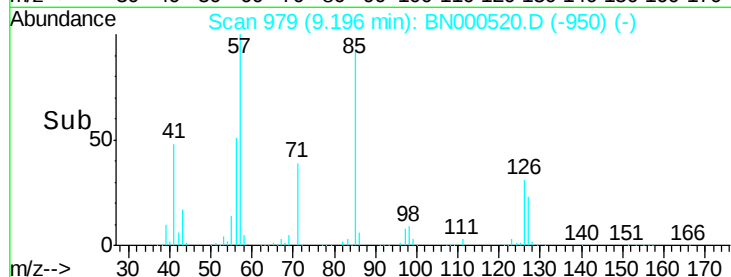
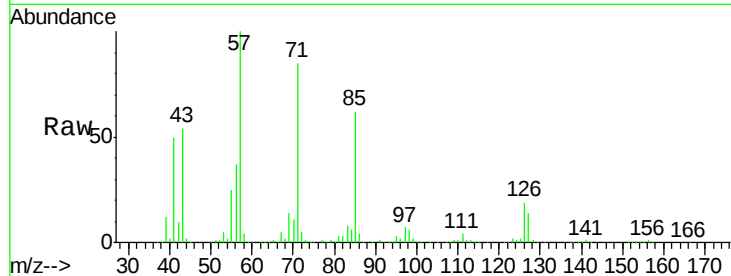




#15
N-Nitroso-di-n-propylamine
Concen: 19.770 ng/ul
RT: 9.20 min Scan# 979
Delta R.T. -0.03 min
Lab File: BN000520.D
Acq: 21 Mar 2018 15:18

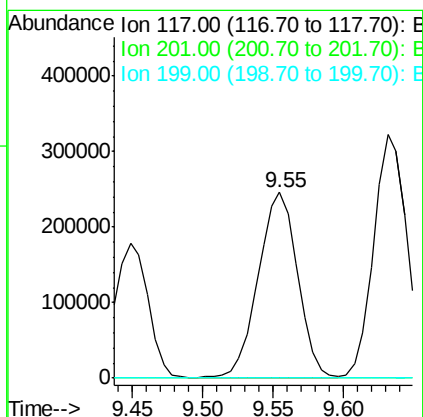
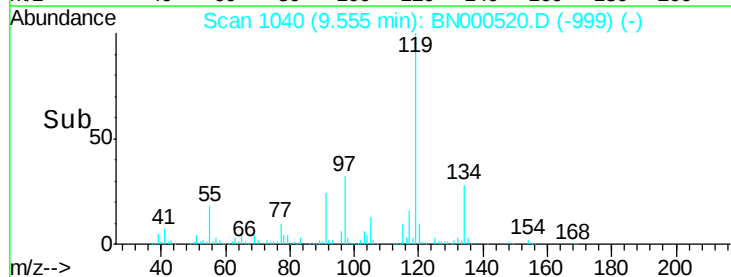
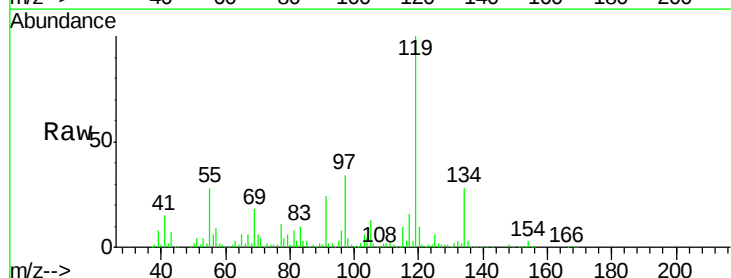
Instrument :
BNA_N
ClientSampleId :

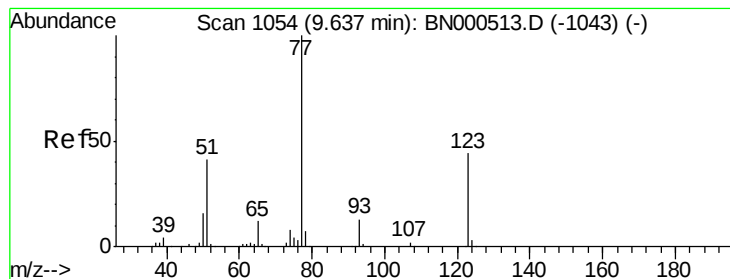
Tot Ion: 70 Resp: 219774
Ion Ratio Lower Upper
70 100
42 88.1 40.2 60.4#
101 0.2 7.7 11.5#
130 0.0 17.8 26.6#



#17
Hexachloroethane
Concen: 81.144 ng/ul
RT: 9.55 min Scan# 1040
Delta R.T. 0.04 min
Lab File: BN000520.D
Acq: 21 Mar 2018 15:18

Tgt Ion: 117 Resp: 479768
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#





#20

Nitrobenzene

Concen: 5.199 ng/ul

RT: 9.64 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampled :

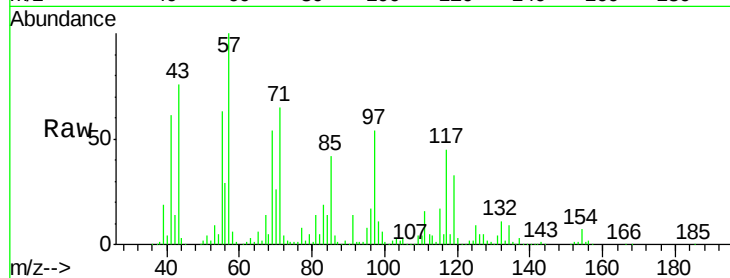
Tot Ion: 77 Resp: 71193

Ion Ratio Lower Upper

77 100

123 21.3 31.8 47.8#

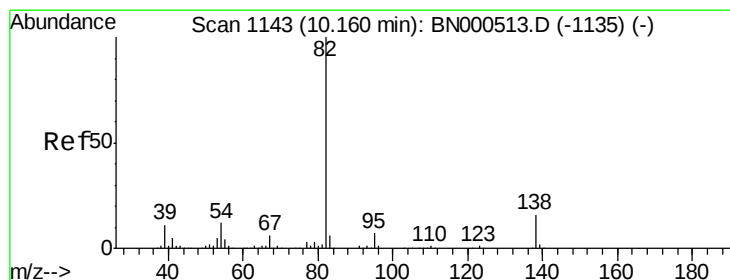
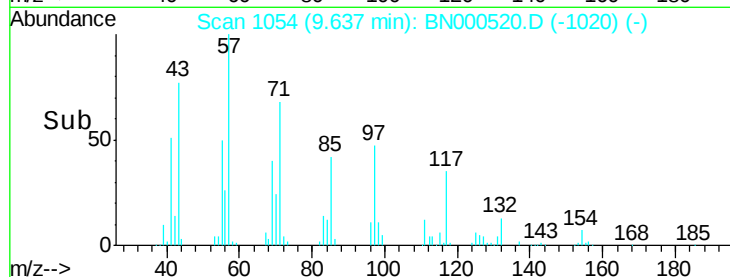
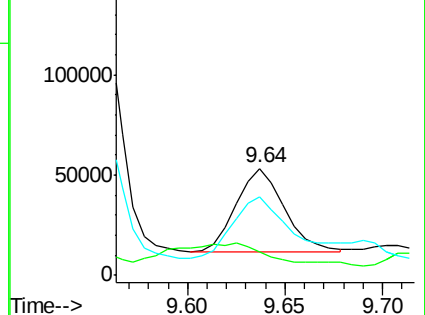
65 72.7 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC



#21

Isophorone

Concen: 13.883 ng/ul

RT: 10.18 min Scan# 1147

Delta R.T. 0.02 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

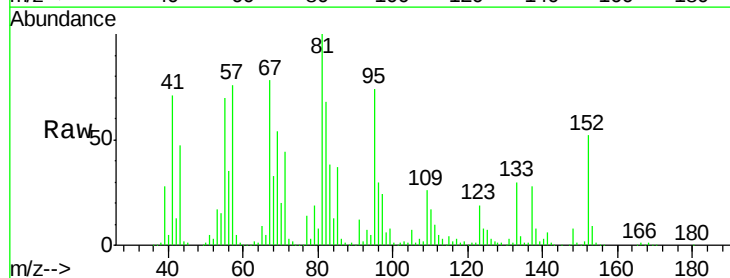
Tgt Ion: 82 Resp: 362359

Ion Ratio Lower Upper

82 100

95 109.3 6.1 9.1#

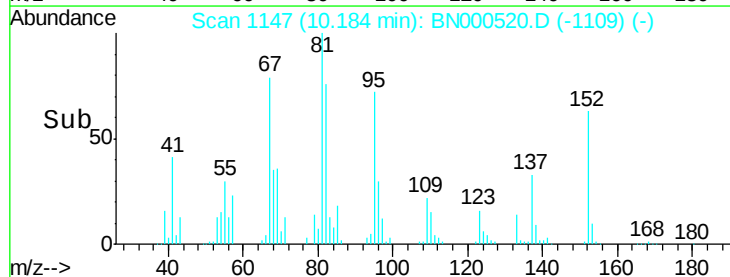
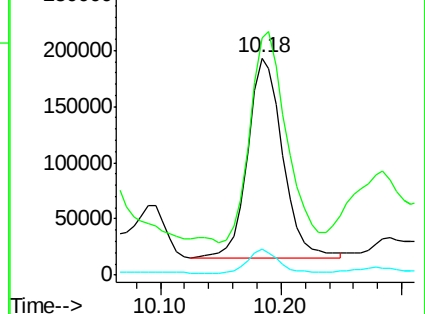
138 11.9 13.5 20.3#

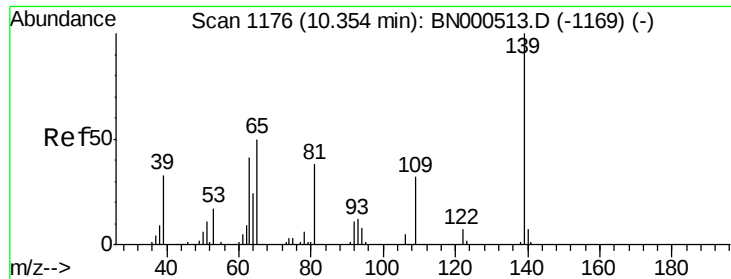


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 138.00 (137.70 to 138.70): BNC

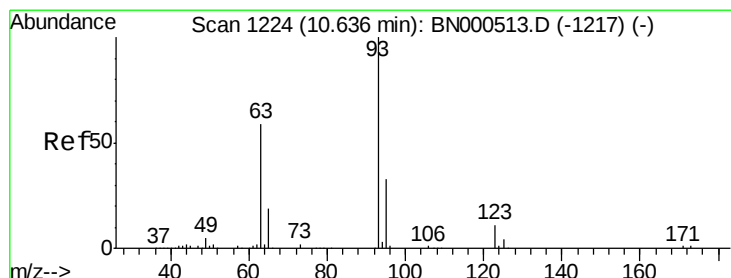
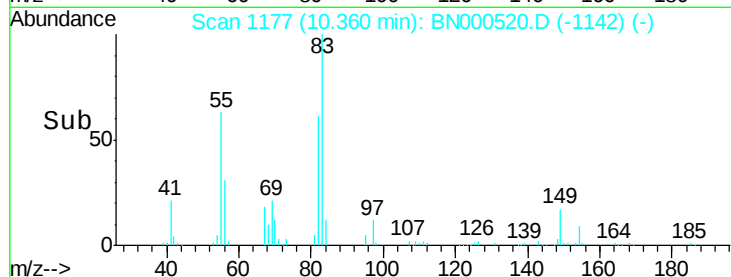
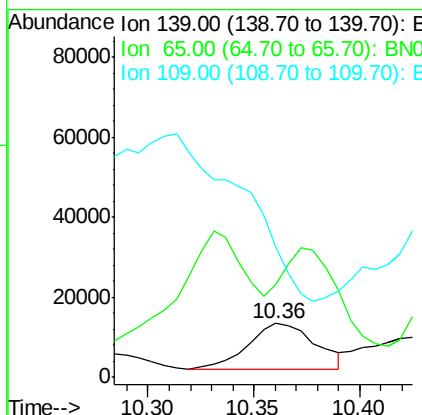
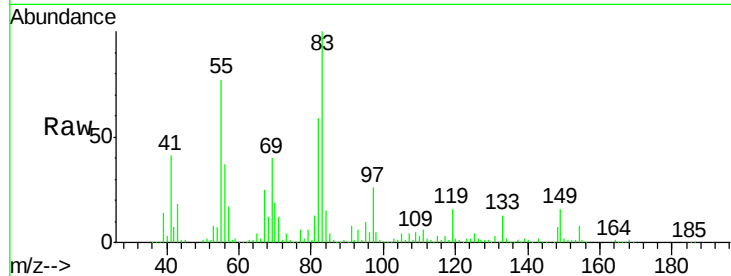




#23
 2-Nitrophenol
 Concen: 4.018 ng/ul
 RT: 10.36 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

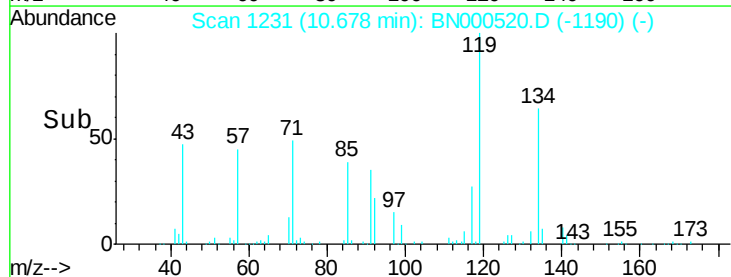
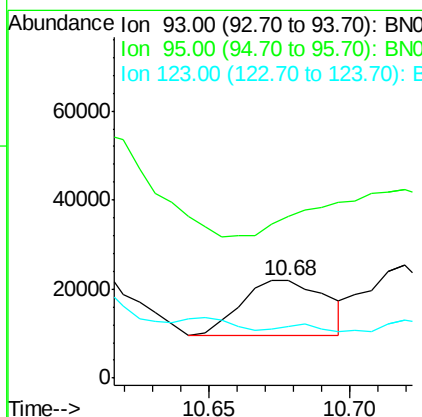
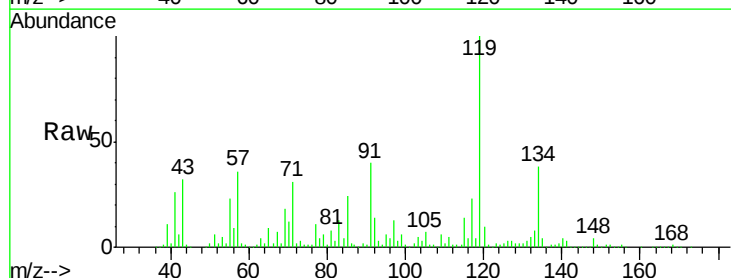
Instrument :
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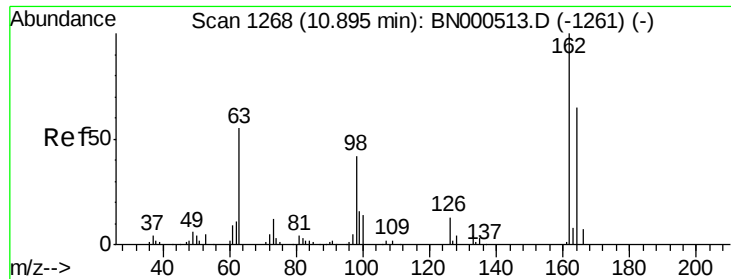
Tot Ion:139 Resp: 24832
 Ion Ratio Lower Upper
 139 100
 65 173.0 45.3 67.9#
 109 245.2 27.7 41.5#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.561 ng/ul
 RT: 10.68 min Scan# 1231
 Delta R.T. 0.04 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

Tgt Ion: 93 Resp: 25738
 Ion Ratio Lower Upper
 93 100
 95 165.8 24.7 37.1#
 123 52.6 8.2 12.2#





#27

2,4-Dichlorophenol

Concen: 1.001 ng/ul

RT: 10.91 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampled :

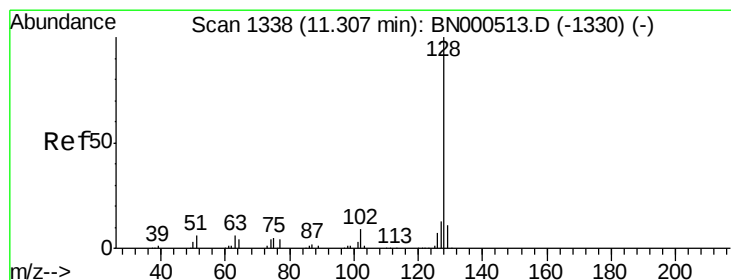
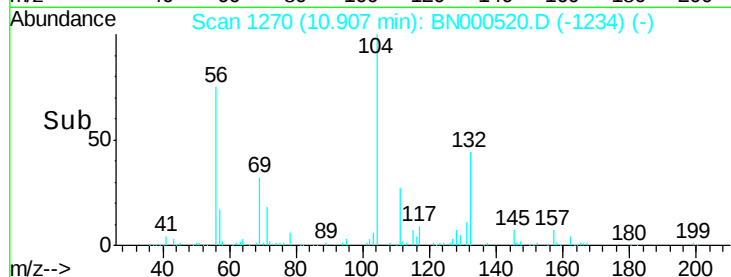
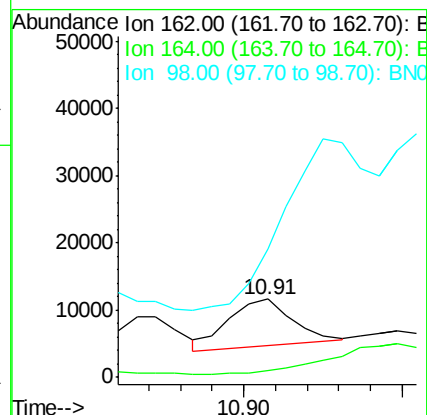
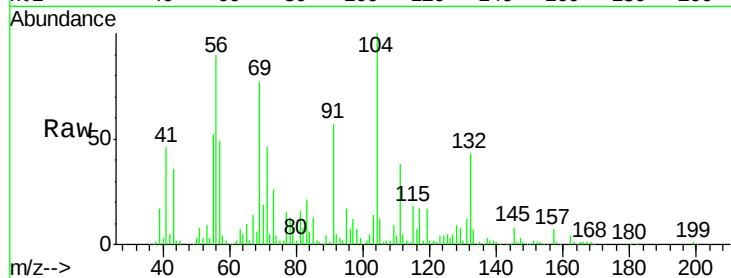
Tot Ion:162 Resp: 10008

Ion Ratio Lower Upper

162 100

164 8.3 52.0 78.0#

98 163.9 26.6 39.8#



#28

Naphthalene

Concen: 56.054 ng/ul

RT: 11.33 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

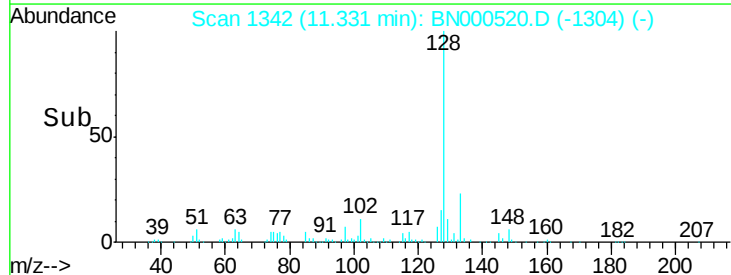
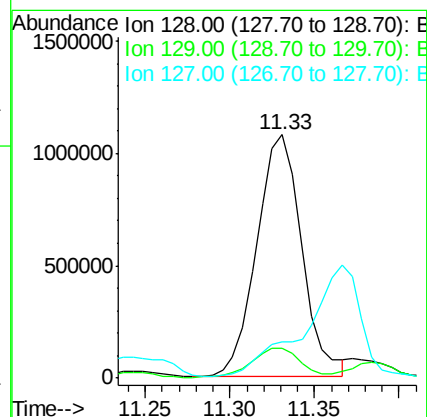
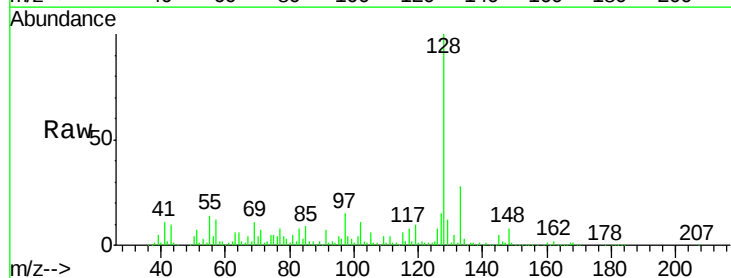
Tgt Ion:128 Resp: 2010382

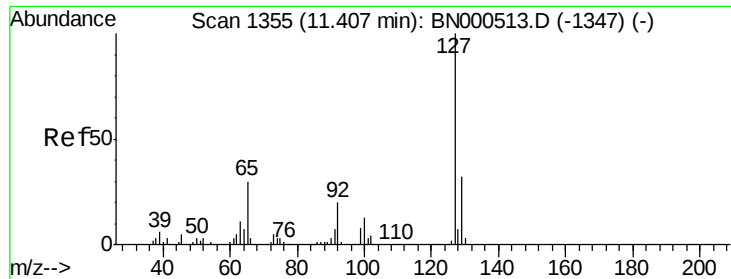
Ion Ratio Lower Upper

128 100

129 12.4 8.3 12.5

127 15.0 10.8 16.2

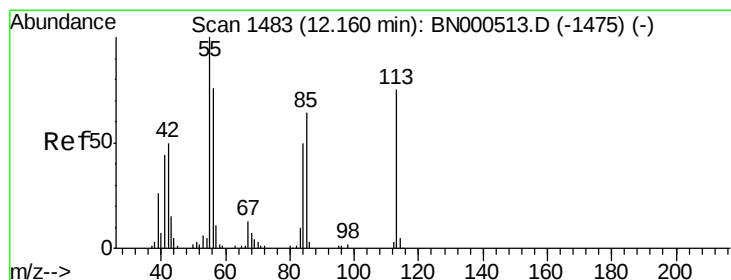
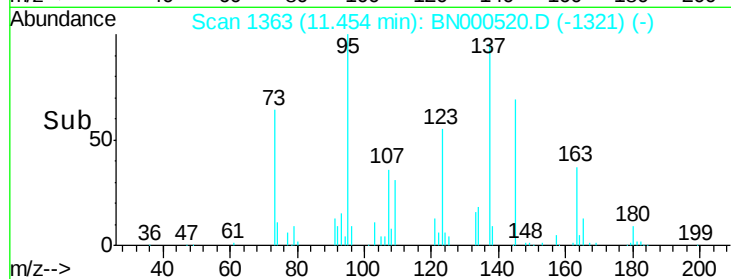
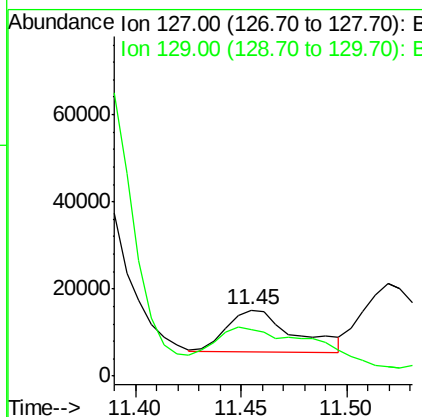
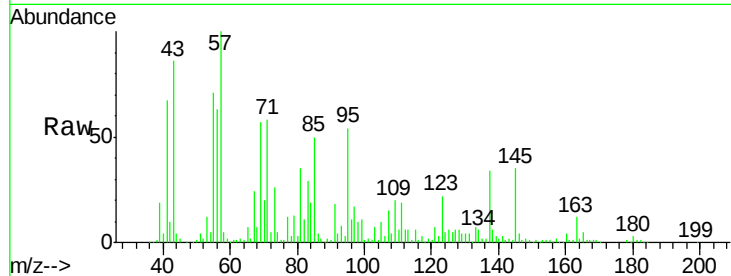




#30
4-Chloroaniline
Concen: 2.044 ng/ul
RT: 11.45 min Scan# 1363
Delta R.T. 0.05 min
Lab File: BN000520.D
Acq: 21 Mar 2018 15:18

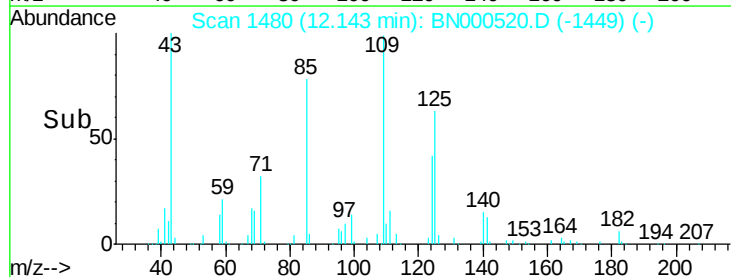
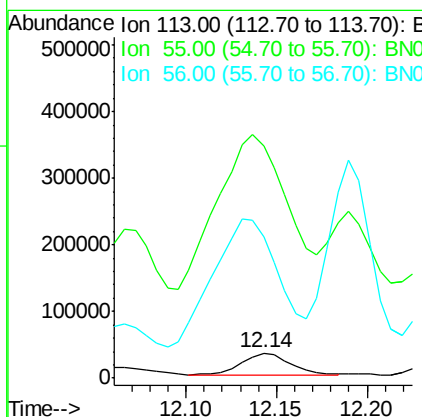
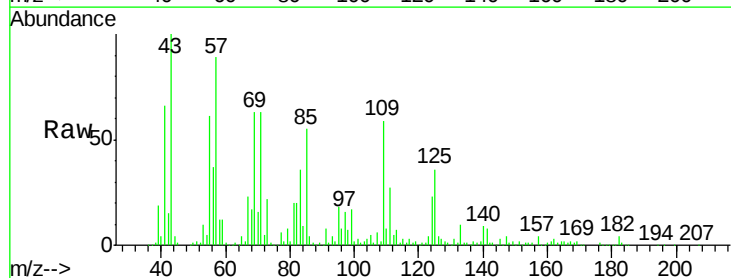
Instrument :
BNA_N
ClientSampleId :

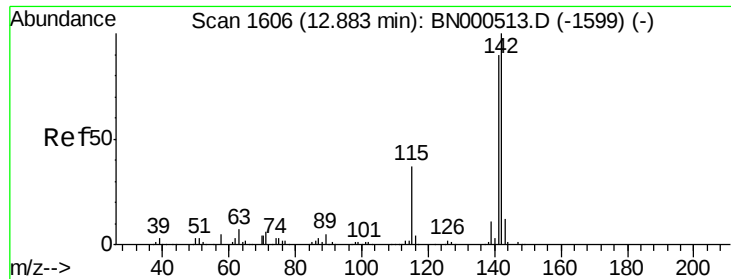
Tot Ion:127 Resp: 21940
Ion Ratio Lower Upper
127 100
129 70.8 24.6 37.0#



#32
Caprolactam
Concen: 16.301 ng/ul
RT: 12.14 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BN000520.D
Acq: 21 Mar 2018 15:18

Tgt Ion:113 Resp: 59572
Ion Ratio Lower Upper
113 100
55 931.4 131.7 197.5#
56 567.5 92.7 139.1#

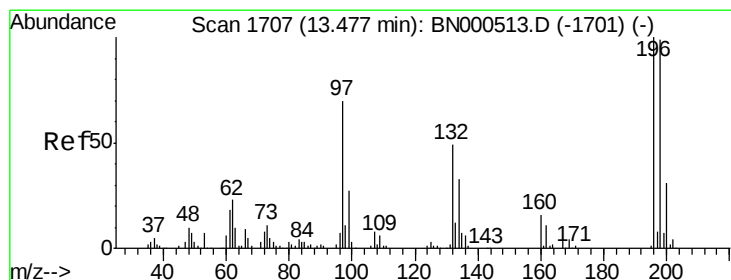
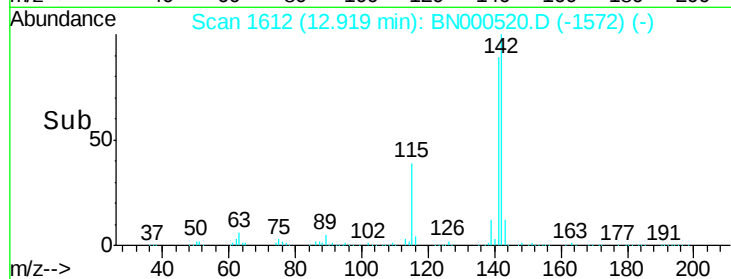
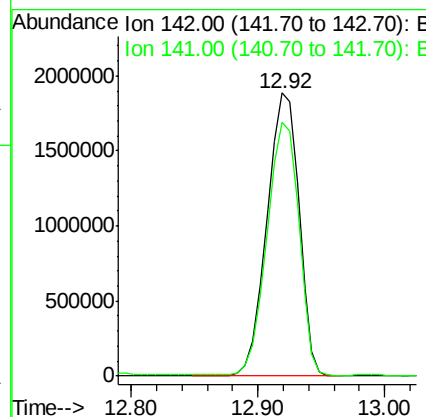
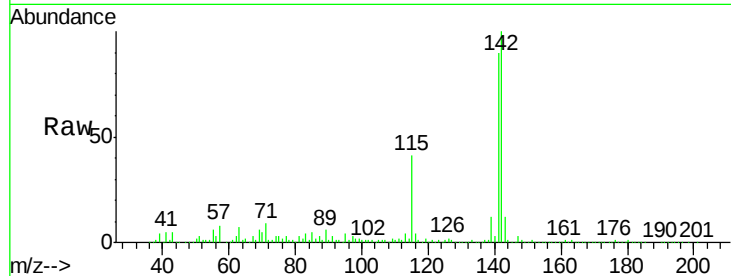




#34
 2-Methylnaphthalene
 Concen: 138.594 ng/ul
 RT: 12.92 min Scan# 1612
 Delta R.T. 0.04 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

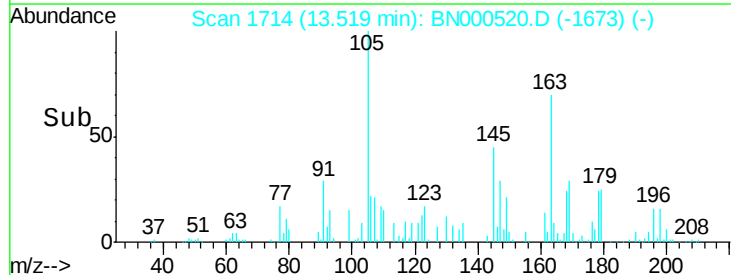
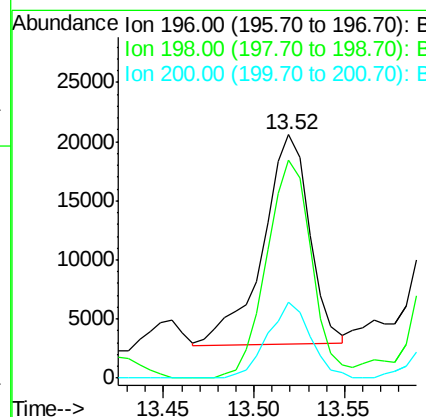
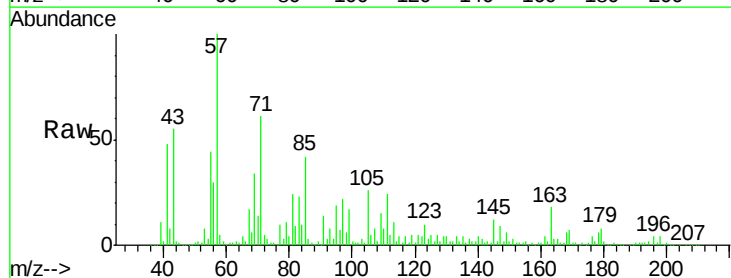
Instrument :
 BNA_N
 ClientSampleId :

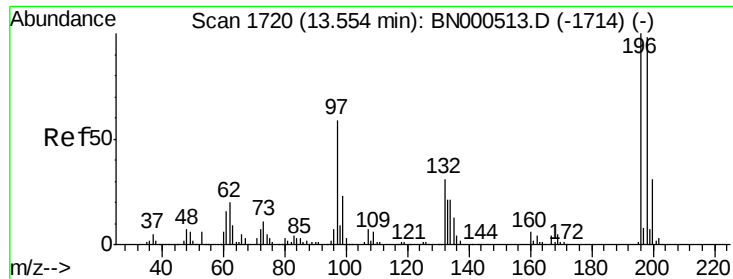
Tot Ion:142 Resp: 3318597
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.2



#38
 2,4,6-Trichlorophenol
 Concen: 4.077 ng/ul
 RT: 13.52 min Scan# 1714
 Delta R.T. 0.04 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

Tgt Ion:196 Resp: 31991
 Ion Ratio Lower Upper
 196 100
 198 89.4 75.9 113.9
 200 31.0 25.8 38.6

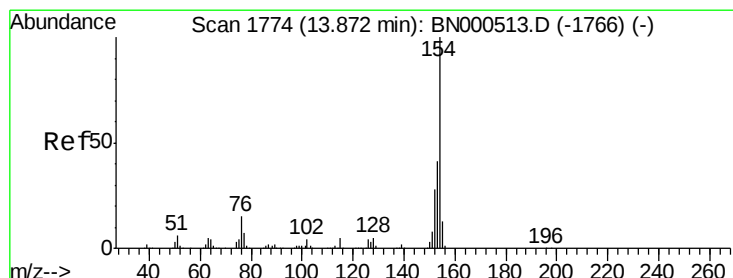
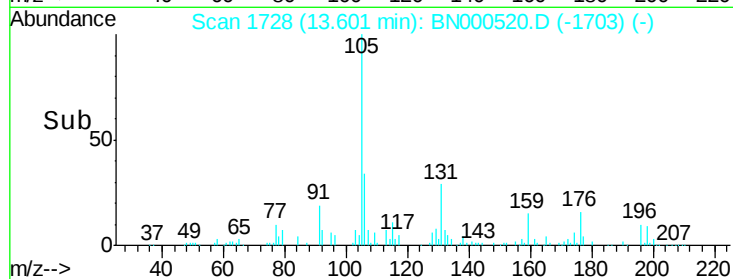
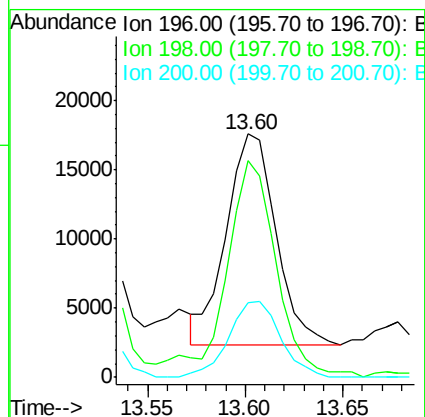
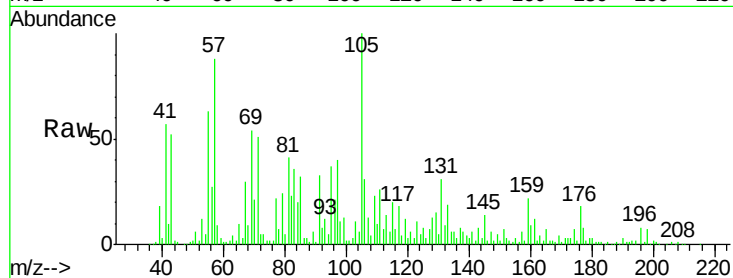




#39
 2,4,5-Trichlorophenol
 Concen: 3.281 ng/ul
 RT: 13.60 min Scan# 1728
 Delta R.T. 0.05 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

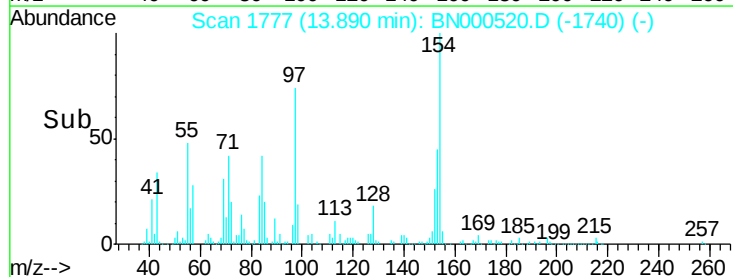
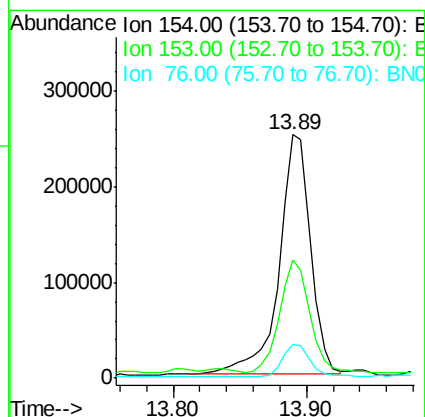
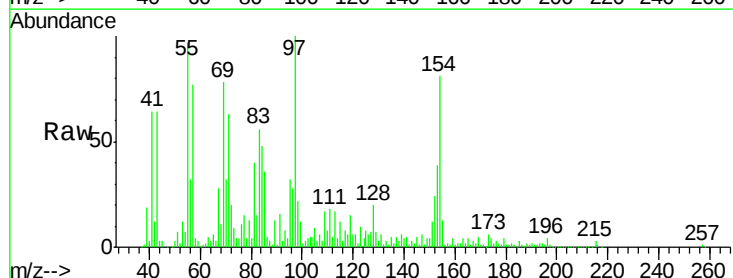
Instrument :
 BNA_N
 ClientSampleId :

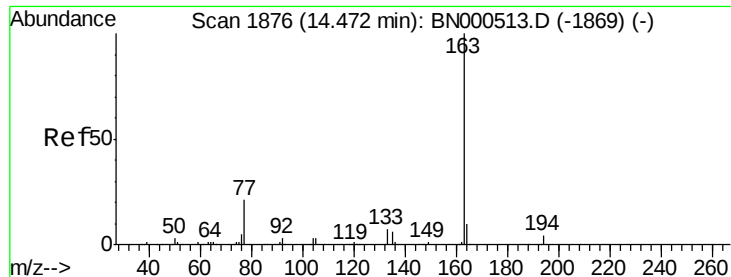
Tot Ion:196 Resp: 26843
 Ion Ratio Lower Upper
 196 100
 198 88.8 74.7 112.1
 200 30.9 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 12.669 ng/ul
 RT: 13.89 min Scan# 1777
 Delta R.T. 0.02 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

Tgt Ion:154 Resp: 415245
 Ion Ratio Lower Upper
 154 100
 153 48.4 34.0 51.0
 76 14.1 8.4 12.6#





#44

Dimethylphthalate

Concen: 1.927 ng/ul

RT: 14.48 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampleId :

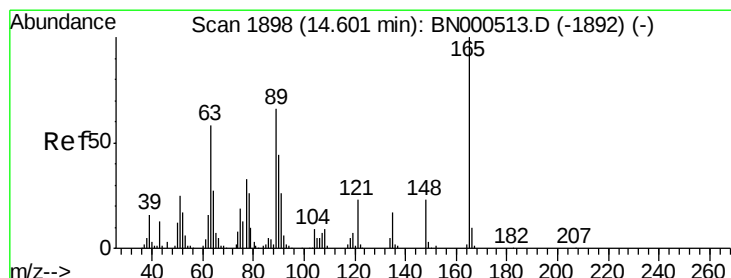
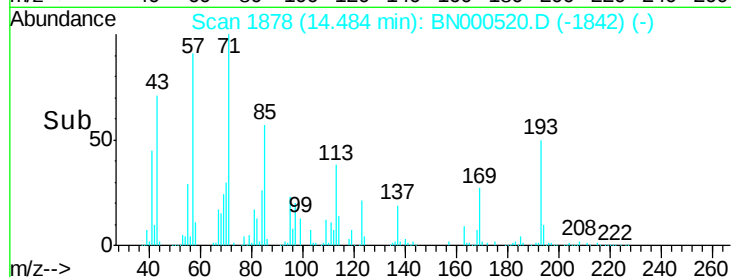
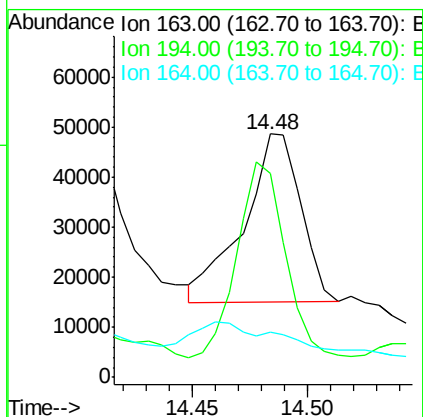
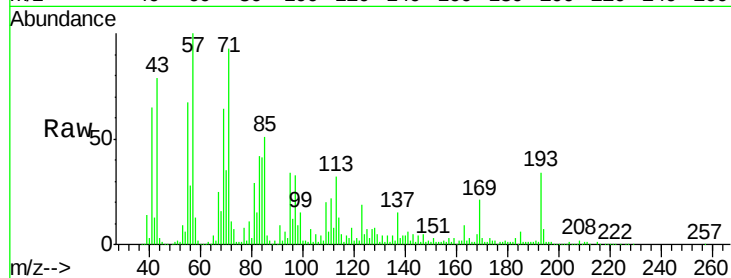
Tot Ion:163 Resp: 57991

Ion Ratio Lower Upper

163 100

194 83.7 4.0 6.0#

164 18.4 8.4 12.6#



#45

2,6-Dinitrotoluene

Concen: 14.326 ng/ul

RT: 14.58 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

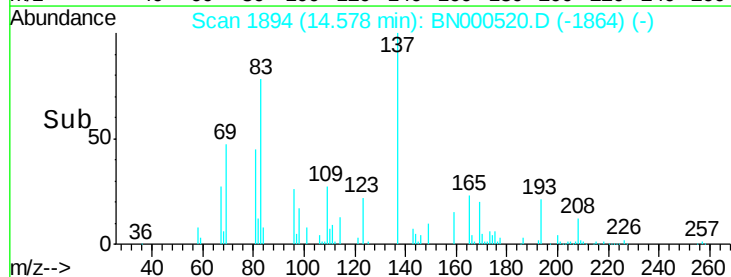
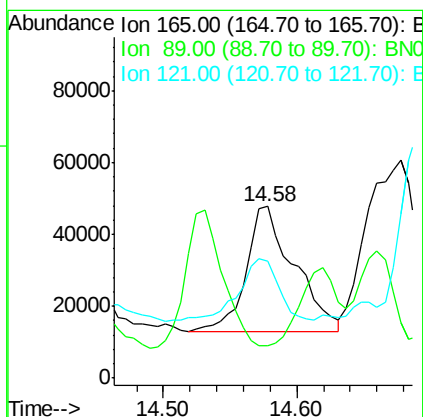
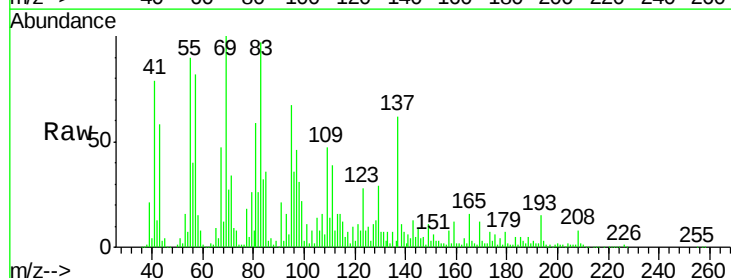
Tgt Ion:165 Resp: 86856

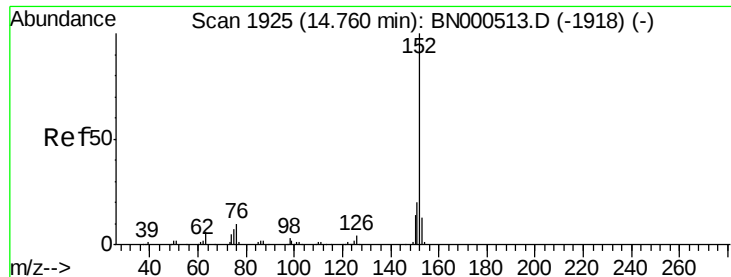
Ion Ratio Lower Upper

165 100

89 19.1 43.8 65.8#

121 68.4 17.8 26.6#





#47

Acenaphthylene

Concen: 2.248 ng/ul

RT: 14.78 min Scan# 1929

Delta R.T. 0.02 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampleId :

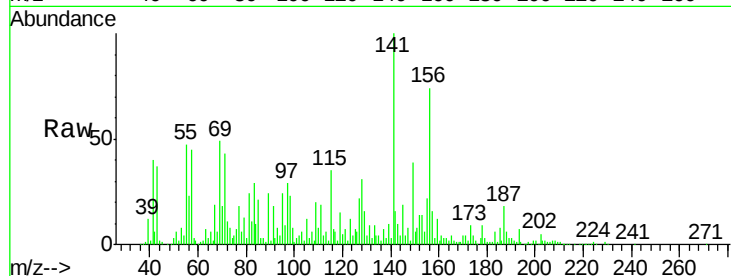
Tot Ion:152 Resp: 88388

Ion Ratio Lower Upper

152 100

151 54.4 16.1 24.1#

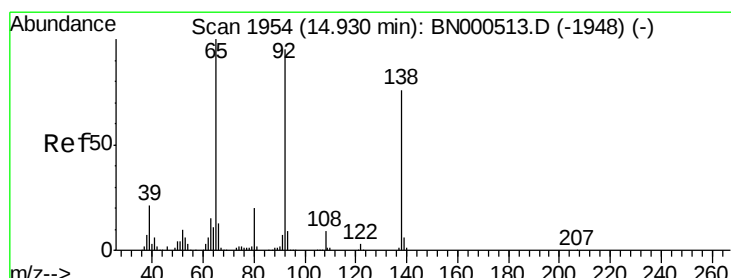
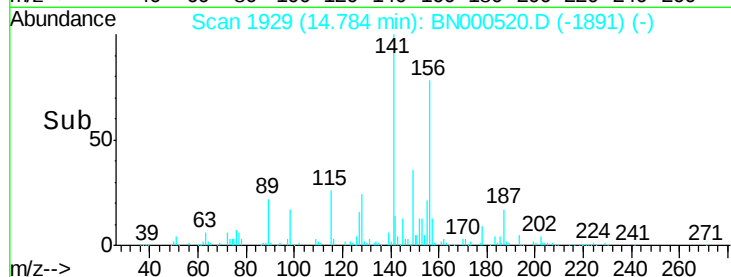
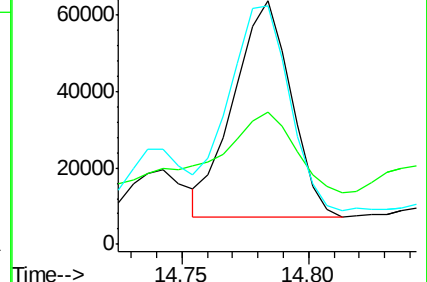
153 98.1 10.8 16.2#



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: 4.714 ng/ul

RT: 14.98 min Scan# 1963

Delta R.T. 0.05 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

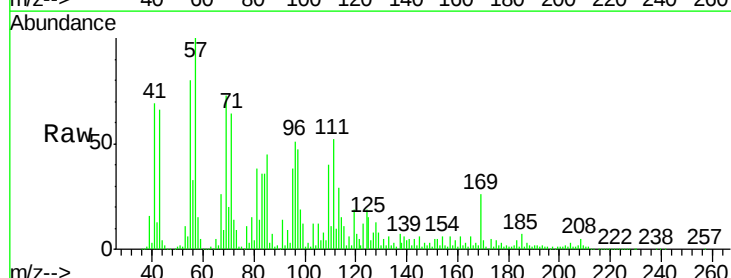
Tgt Ion:138 Resp: 27596

Ion Ratio Lower Upper

138 100

108 113.3 7.6 11.4#

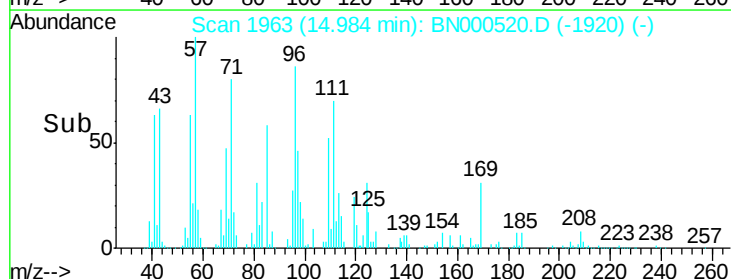
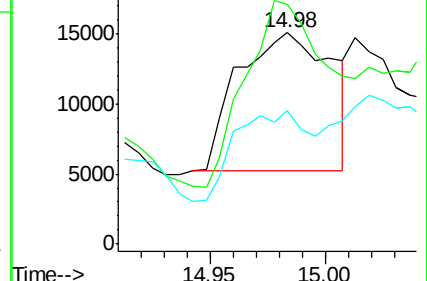
92 63.2 94.2 141.2#

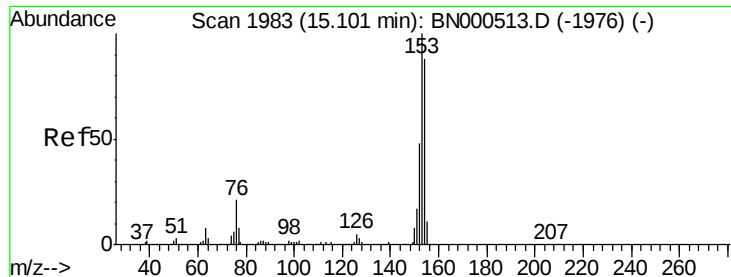


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 8.662 ng/ul

RT: 15.12 min Scan# 1987

Delta R.T. 0.02 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampled :

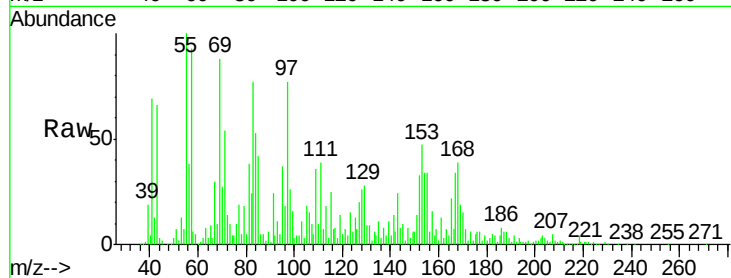
Tot Ion:153 Resp: 232167

Ion Ratio Lower Upper

153 100

152 69.5 37.9 56.9#

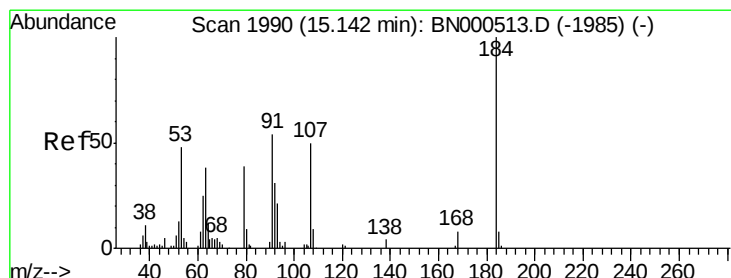
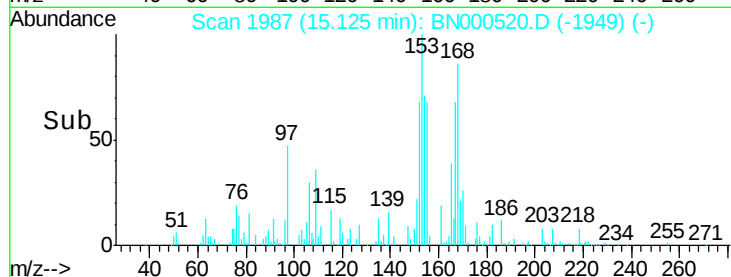
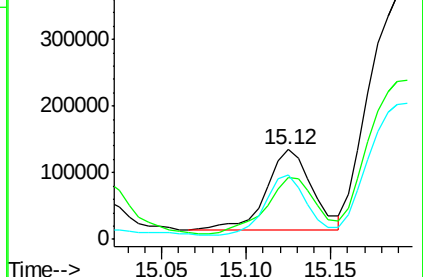
154 72.0 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 15.643 ng/ul

RT: 15.17 min Scan# 1995

Delta R.T. 0.03 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

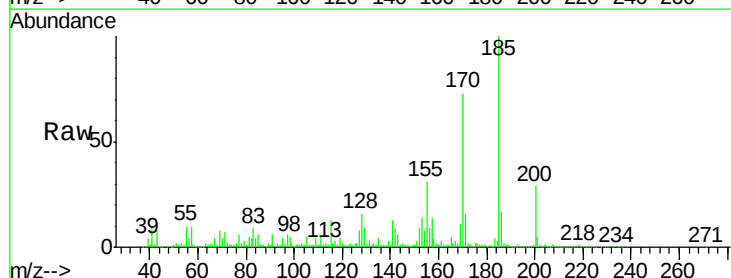
Tgt Ion:184 Resp: 44745

Ion Ratio Lower Upper

184 100

63 69.5 39.7 59.5#

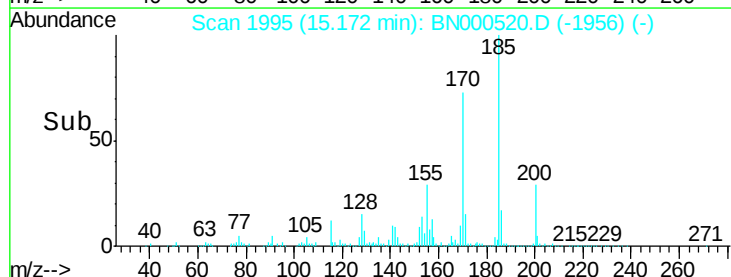
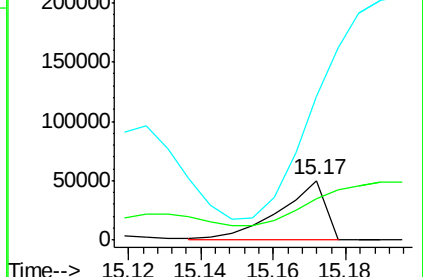
154 239.8 45.0 67.6#

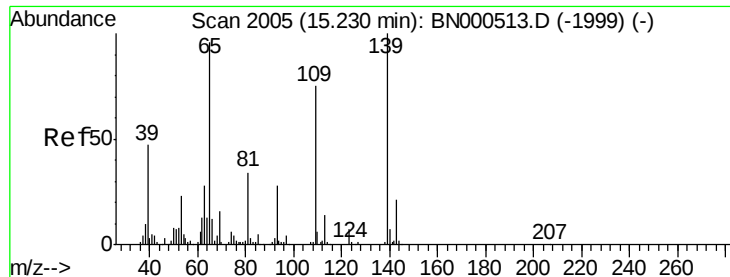


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 58.004 ng/ul

RT: 15.29 min Scan# 2015

Delta R.T. 0.06 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampled :

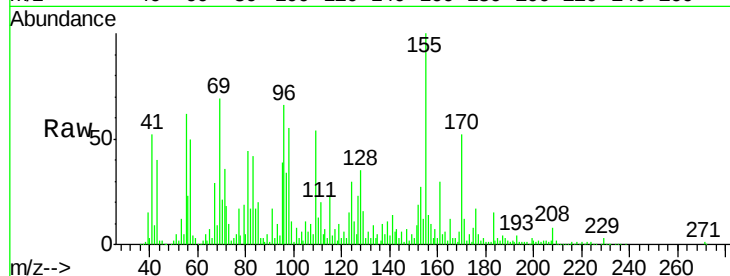
Tot Ion:109 Resp: 253171

Ion Ratio Lower Upper

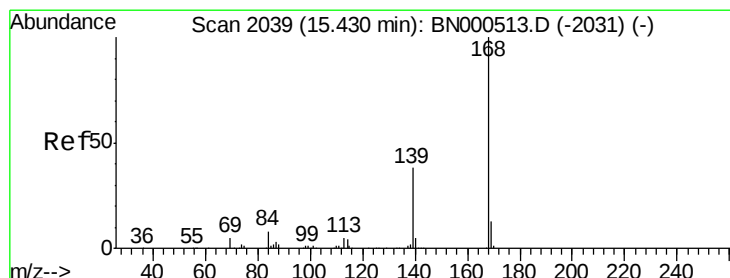
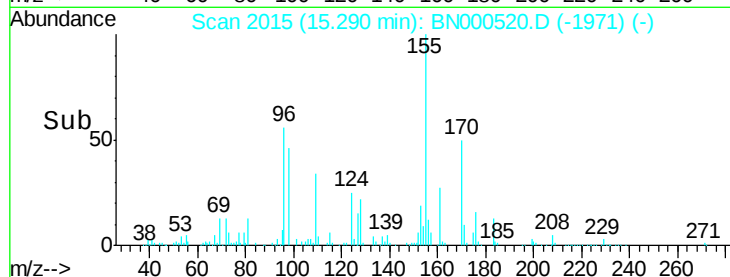
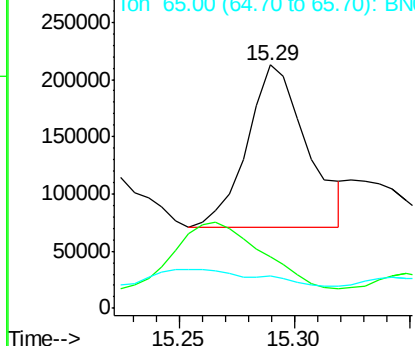
109 100

139 21.1 91.2 136.8#

65 13.4 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): BNC



#53

Dibenzofuran

Concen: 4.192 ng/ul

RT: 15.46 min Scan# 2044

Delta R.T. 0.03 min

Lab File: BN000520.D

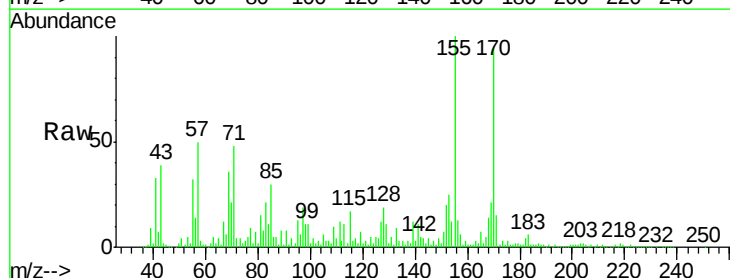
Acq: 21 Mar 2018 15:18

Tgt Ion:168 Resp: 152606

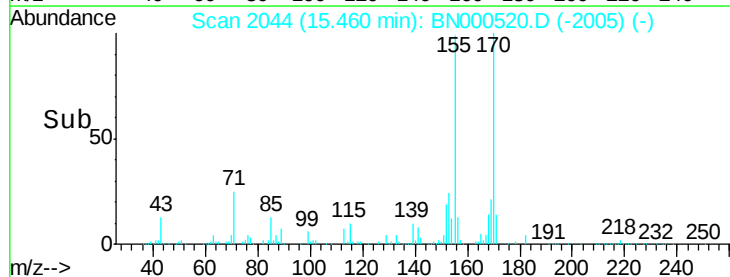
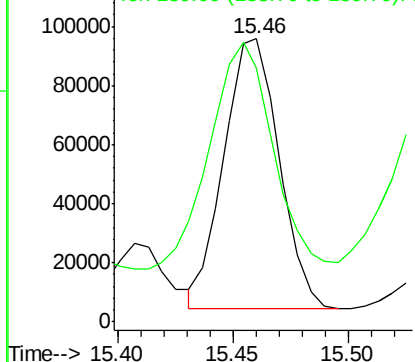
Ion Ratio Lower Upper

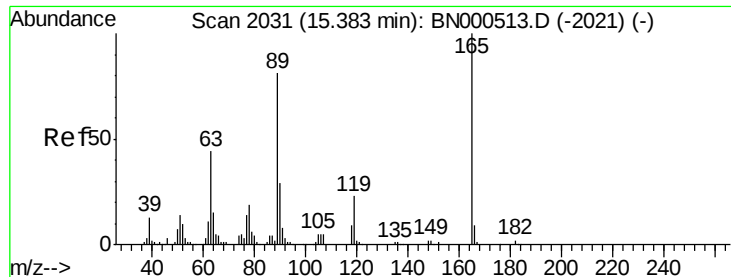
168 100

139 89.7 31.0 46.4#



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





#54

2,4-Dinitrotoluene

Concen: 2.564 ng/ul

RT: 15.40 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampled :

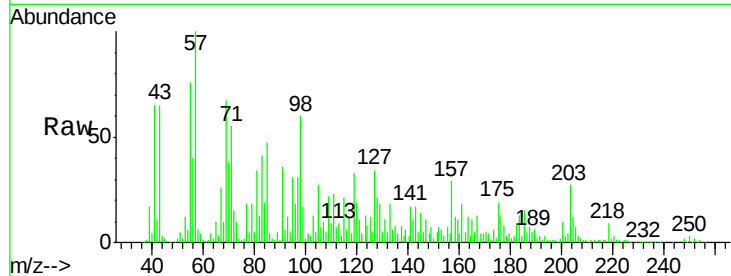
Tot Ion:165 Resp: 22037

Ion Ratio Lower Upper

165 100

63 36.5 31.4 47.0

182 84.3 2.7 4.1#

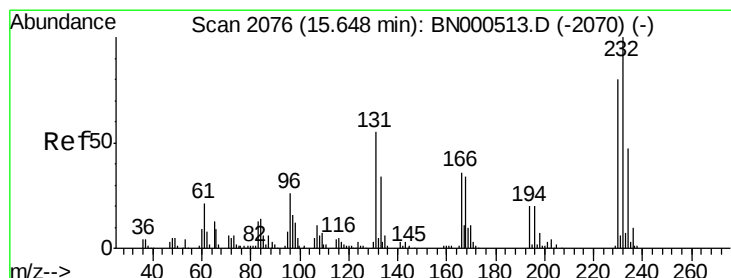
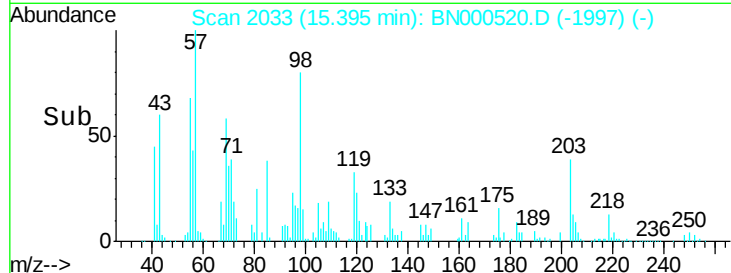
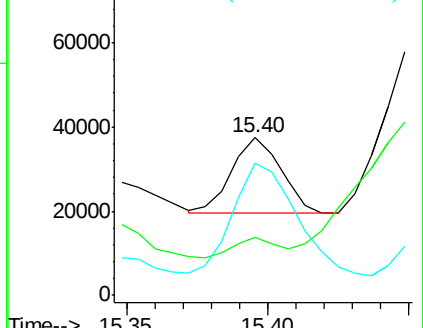


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 536.949 ng/ul

RT: 15.71 min Scan# 2086

Delta R.T. 0.06 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Tgt Ion:232 Resp: 3354444

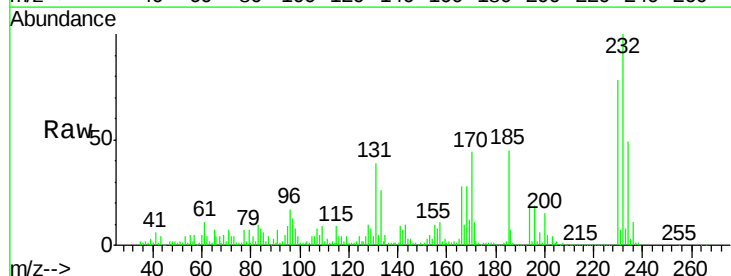
Ion Ratio Lower Upper

232 100

131 38.8 48.0 72.0#

130 3.9 4.0 6.0#

166 28.5 32.0 48.0#



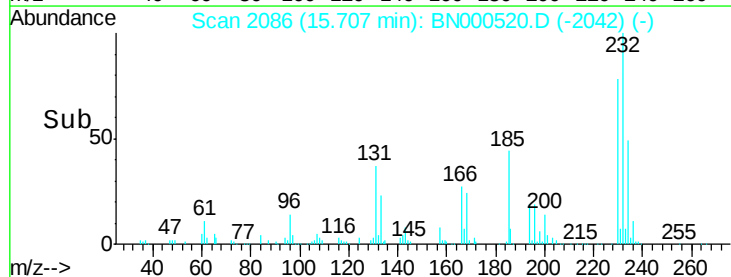
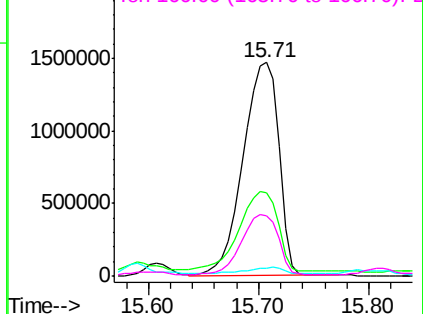
Abundance

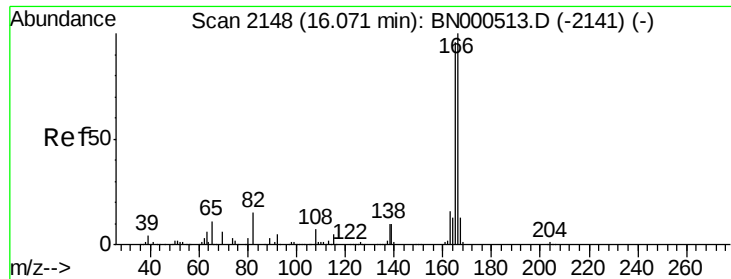
Ion 232.00 (231.70 to 232.70): E

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





#58

Fluorene

Concen: 11.923 ng/ul

RT: 16.11 min Scan# 2154

Delta R.T. 0.04 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampleId :

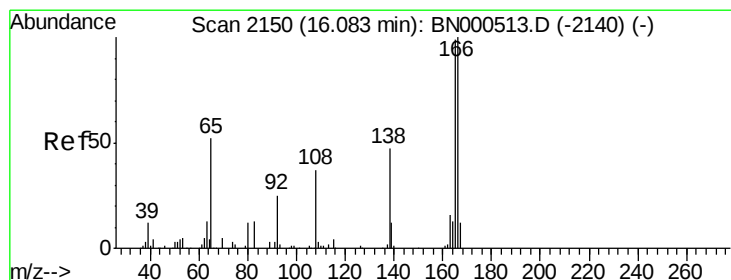
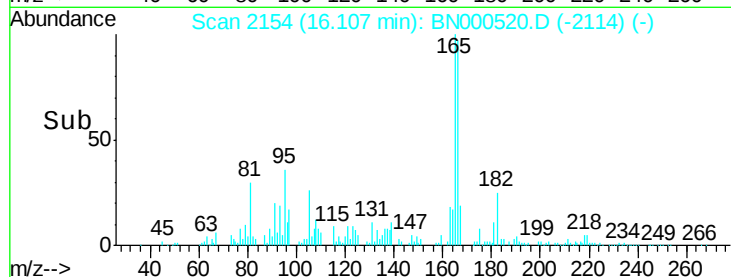
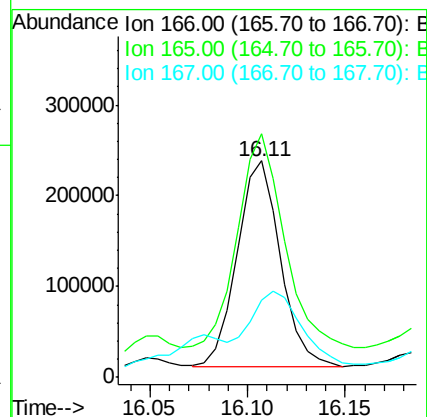
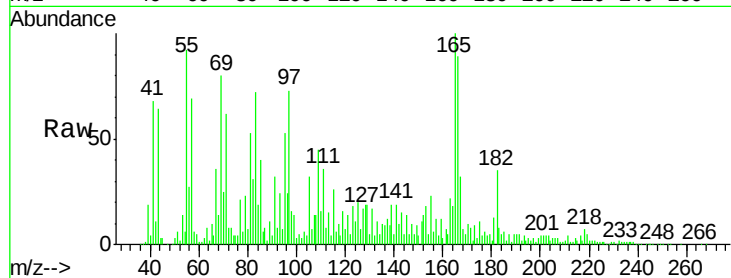
Tot Ion:166 Resp: 344928

Ion Ratio Lower Upper

166 100

165 112.6 78.4 117.6

167 35.5 11.1 16.7#



#60

4-Nitroaniline

Concen: 20.585 ng/ul

RT: 16.12 min Scan# 2157

Delta R.T. 0.04 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

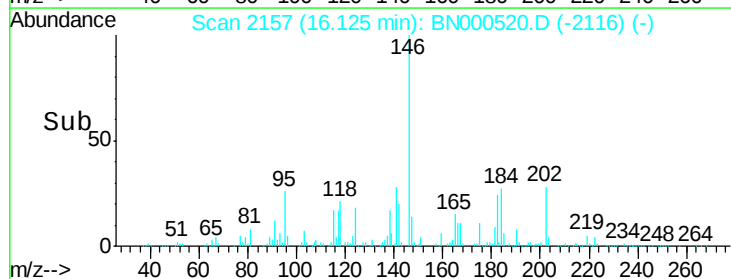
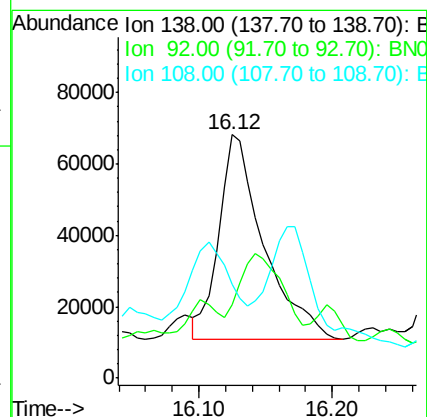
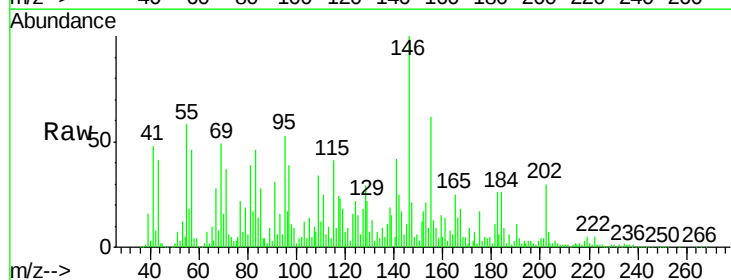
Tgt Ion:138 Resp: 135373

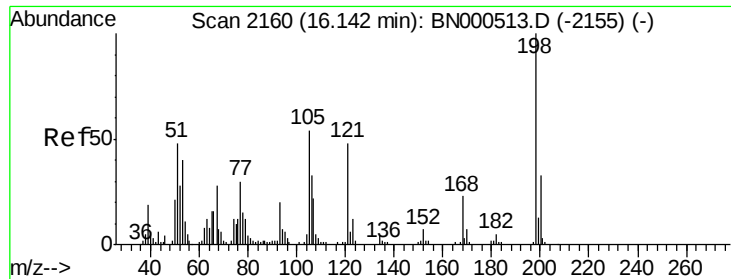
Ion Ratio Lower Upper

138 100

92 30.1 38.2 57.4#

108 38.7 70.0 105.0#





#63

4,6-Dinitro-2-methylphenol

Concen: 366.968 ng/ul

RT: 16.14 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN000520.D

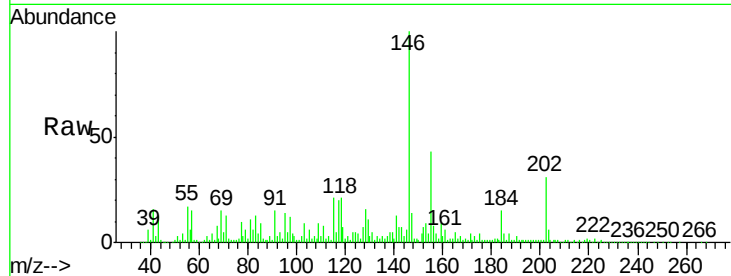
Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampleId :

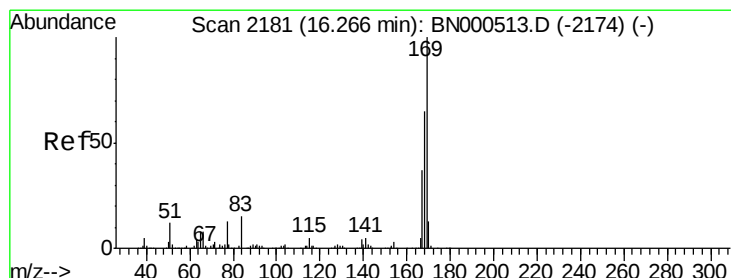
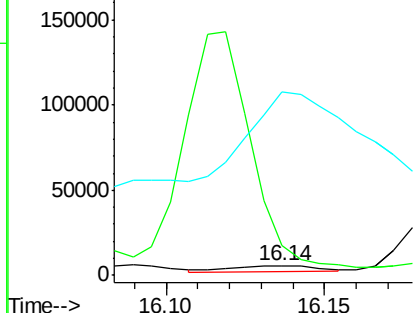
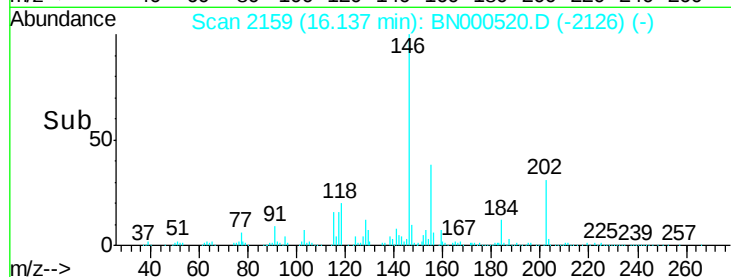
Tot Ion	198	Resp	6765
Ion Ratio	100		
Lower			
Upper			
182	304.9	3.5	5.3#
77	1854.2	18.2	27.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC



#64

N-Nitrosodiphenylamine

Concen: 4889.083 ng/ul

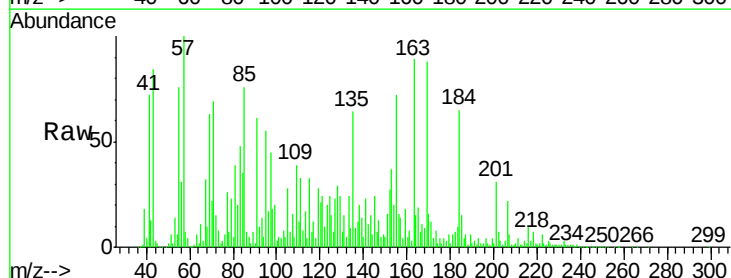
RT: 16.30 min Scan# 2186

Delta R.T. 0.03 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

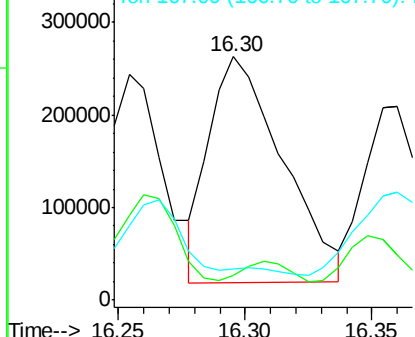
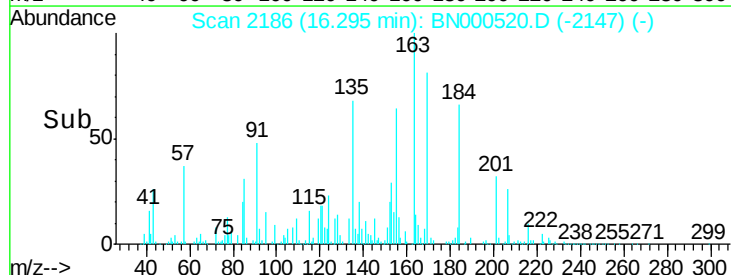
Tgt Ion	169	Resp	491085
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
168	10.2	53.8	80.8#
167	12.7	29.5	44.3#

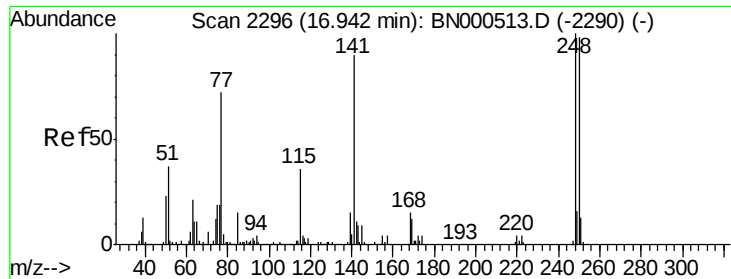


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

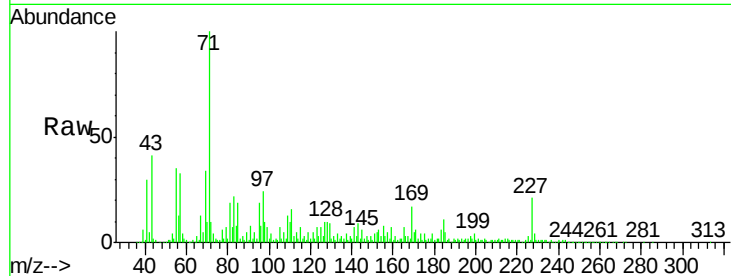




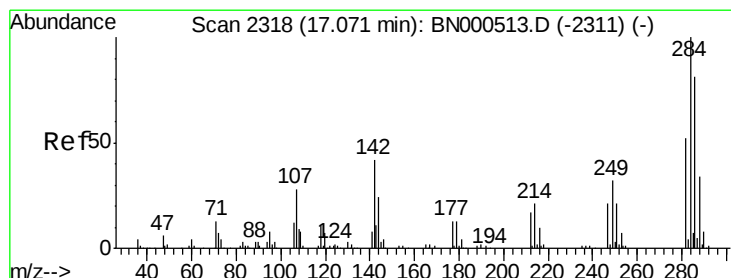
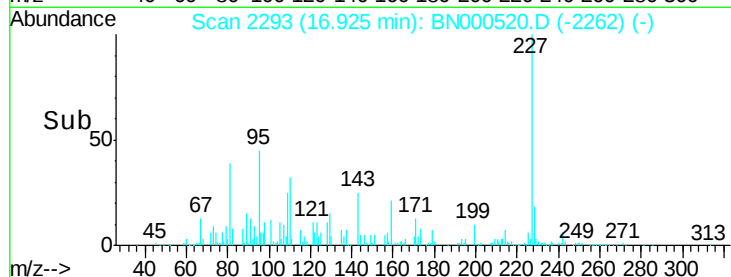
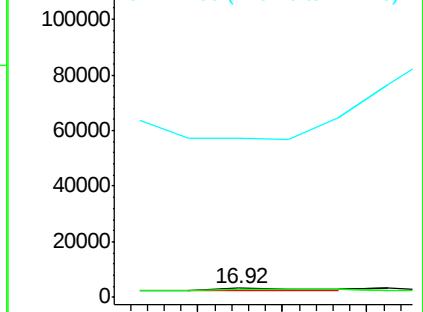
#65
4-Bromophenyl-phenylether
Concen: 17.923 ng/ul
RT: 16.92 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BN000520.D
Acq: 21 Mar 2018 15:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:248 Resp: 557
Ion Ratio Lower Upper
248 100
250 84.3 79.0 118.4
141 1784.7 51.9 77.9#

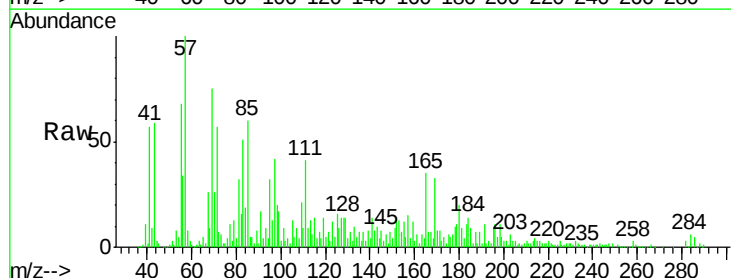


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

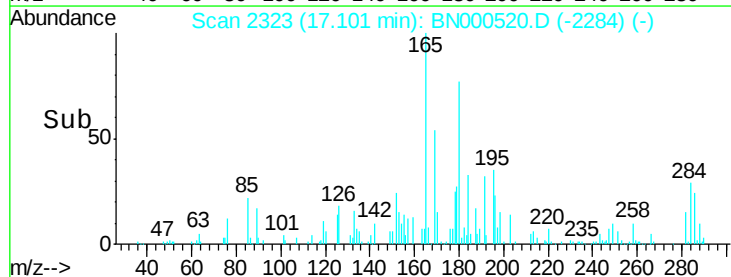
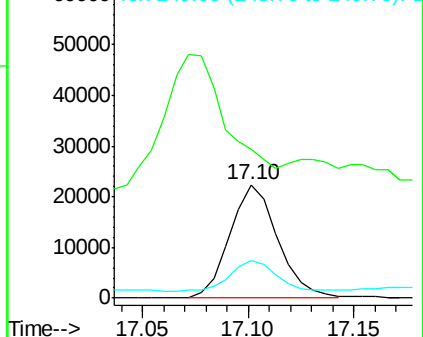


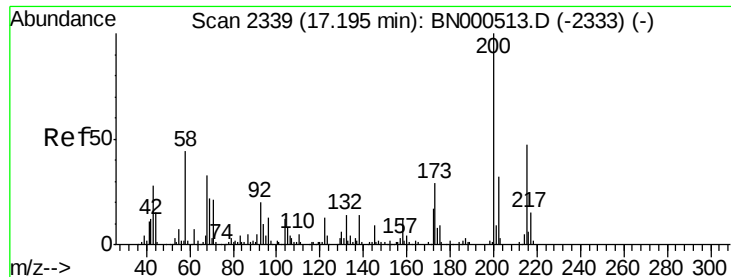
#66
Hexachlorobenzene
Concen: 1077.819 ng/ul
RT: 17.10 min Scan# 2323
Delta R.T. 0.03 min
Lab File: BN000520.D
Acq: 21 Mar 2018 15:18

Tgt Ion:284 Resp: 35369
Ion Ratio Lower Upper
284 100
142 130.6 21.3 31.9#
249 33.4 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

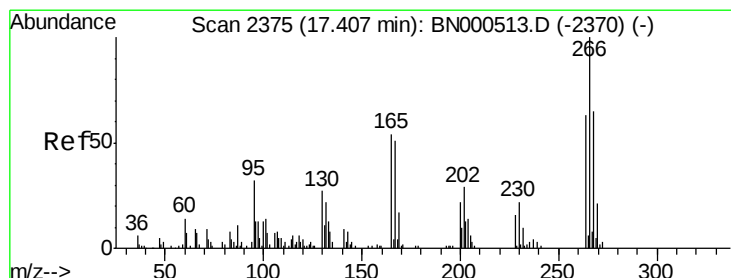
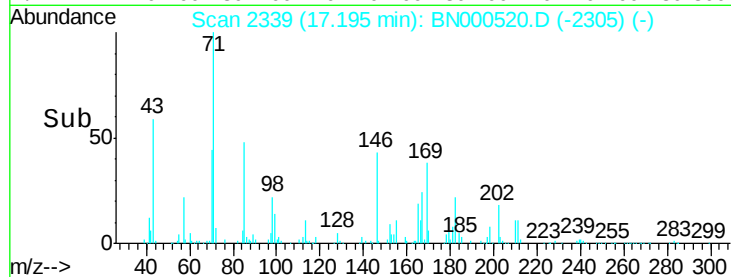
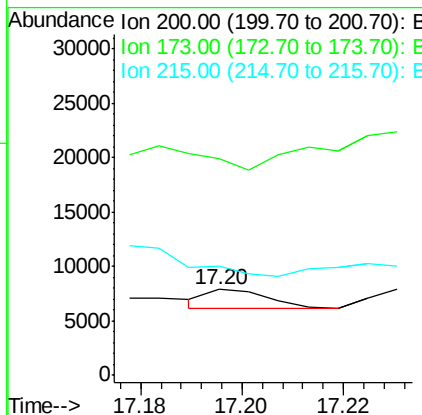
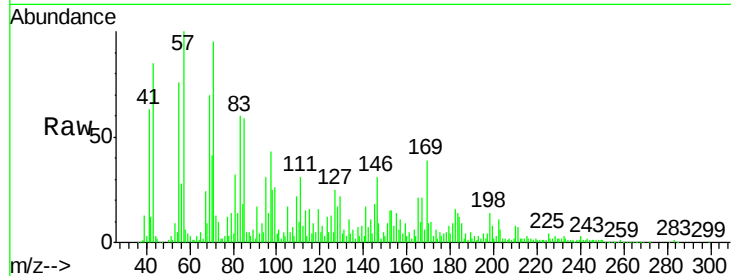




#67
 Atrazine
 Concen: 45.057 ng/ul
 RT: 17.20 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

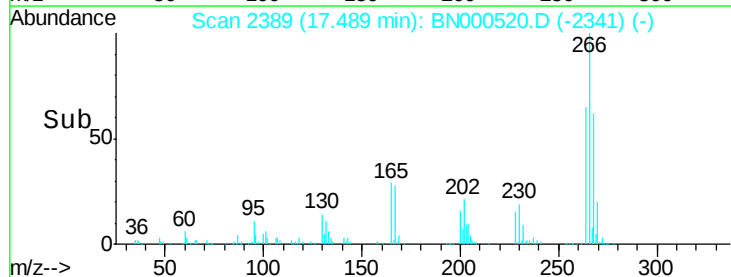
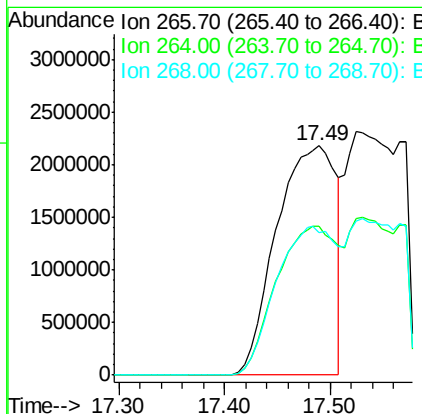
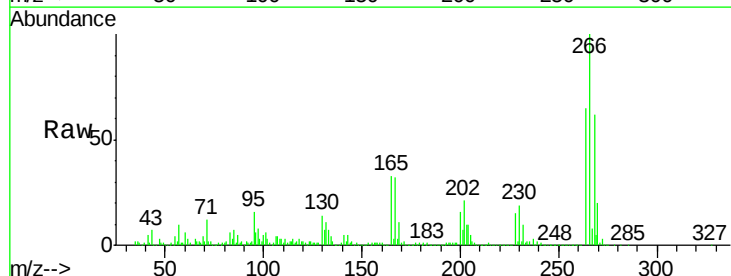
Instrument :
 BNA_N
 ClientSampleId :

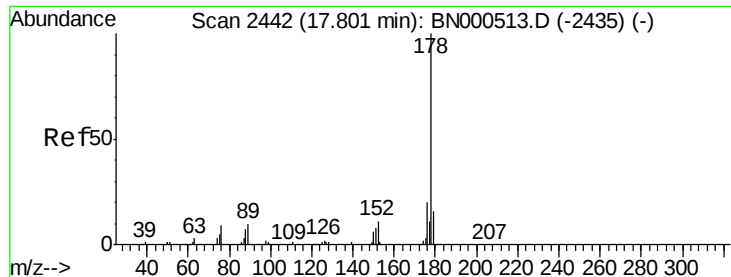
Tot Ion	Ratio	Lower	Upper
200	100		
173	251.1	20.6	31.0#
215	126.6	39.8	59.6#



#68
 Pentachlorophenol
 Concen: 487962.510 ng/ul
 RT: 17.49 min Scan# 2389
 Delta R.T. 0.08 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.9	48.2	72.4
268	62.3	52.3	78.5





#69

Phenanthrene

Concen: 7038.145 ng/ul

RT: 17.86 min Scan# 2452

Delta R.T. 0.06 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampled :

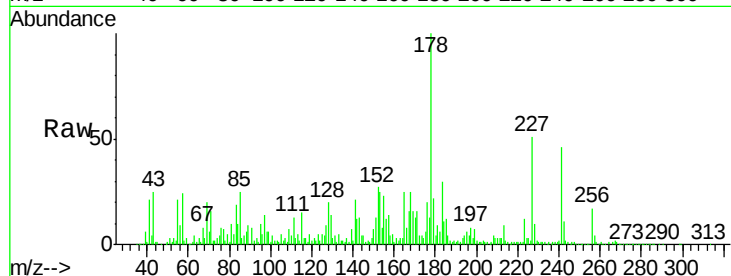
Tot Ion:178 Resp: 1236269

Ion Ratio Lower Upper

178 100

179 21.7 12.3 18.5#

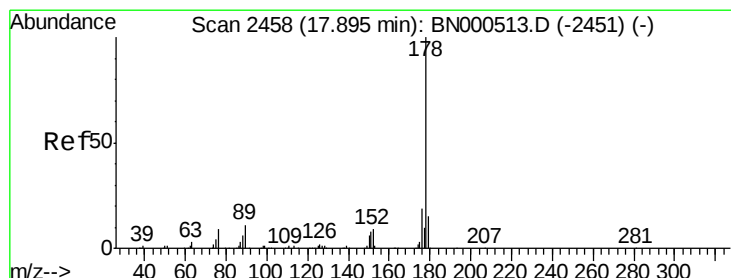
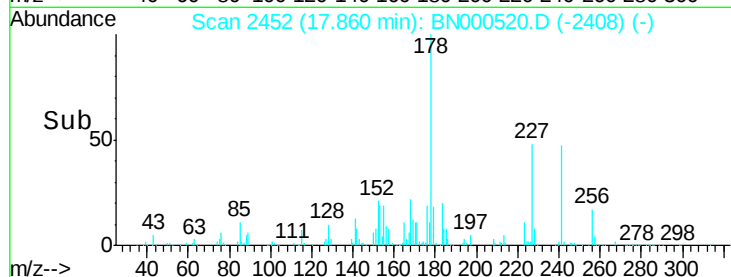
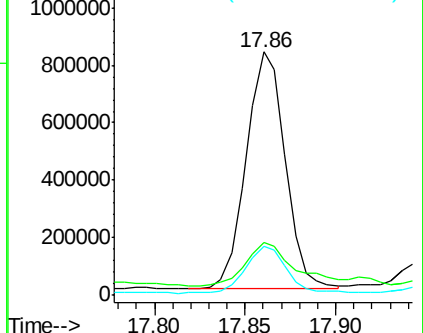
176 20.4 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 15.191 ng/ul

RT: 17.91 min Scan# 2461

Delta R.T. 0.02 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

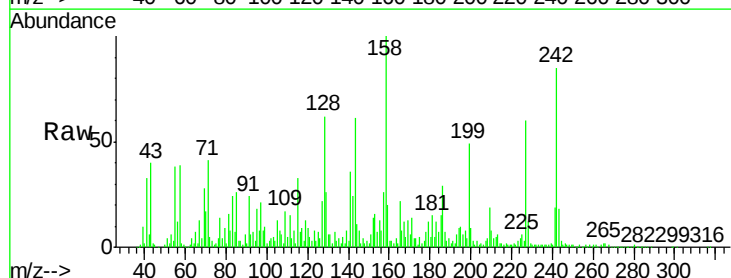
Tgt Ion:178 Resp: 2736

Ion Ratio Lower Upper

178 100

179 171.4 13.4 20.2#

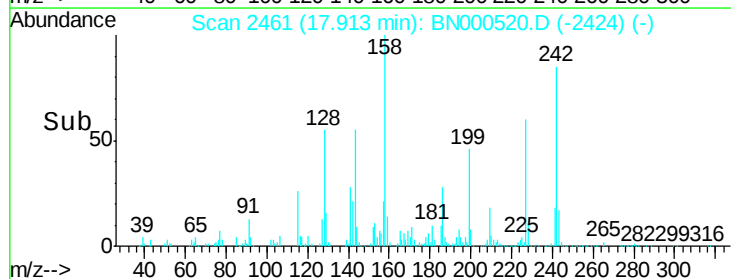
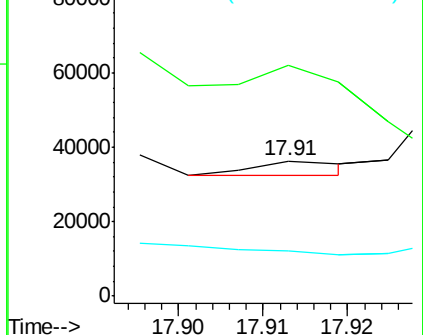
176 33.7 15.4 23.0#

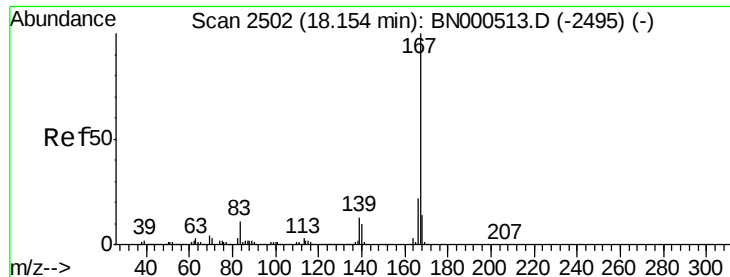


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

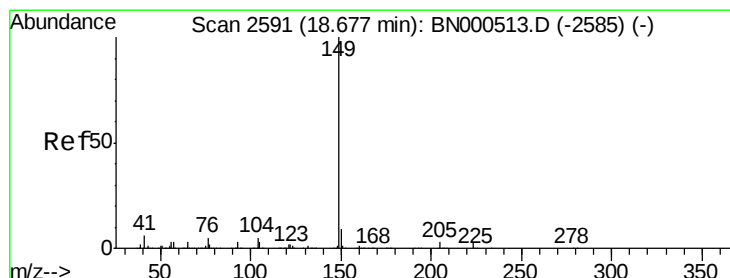
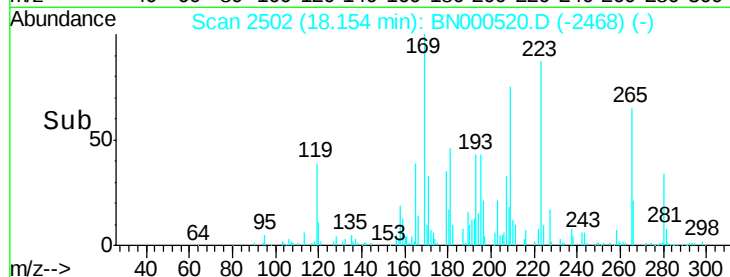
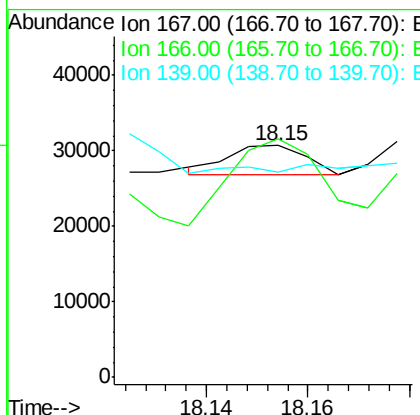
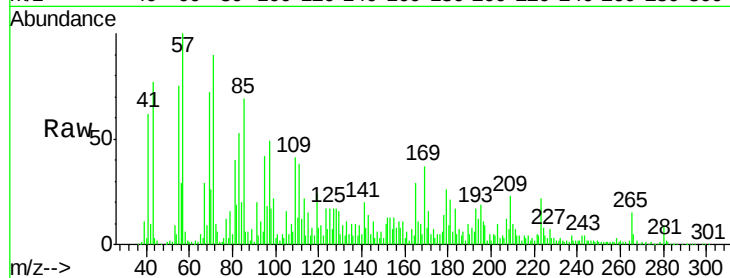




#72
 Carbazole
 Concen: 27.284 ng/ul
 RT: 18.15 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

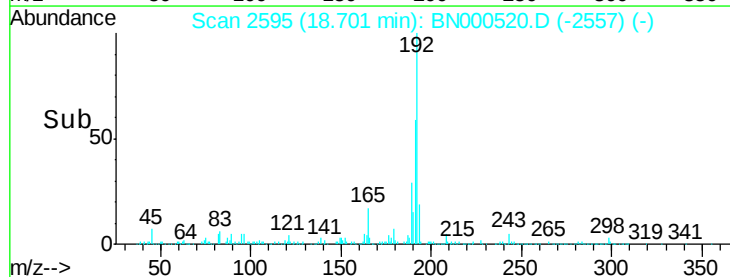
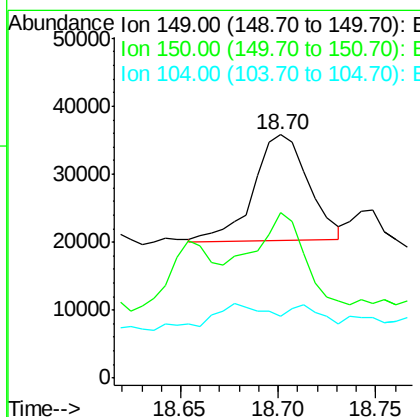
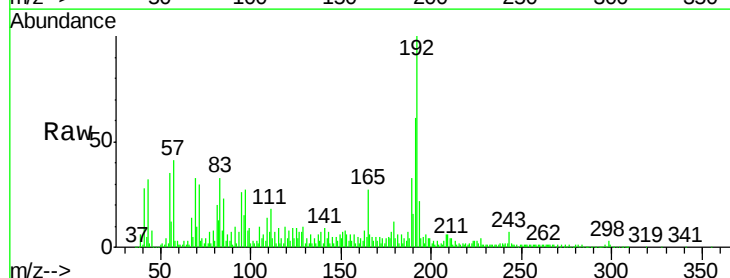
Instrument :
 BNA_N
 ClientSampled :

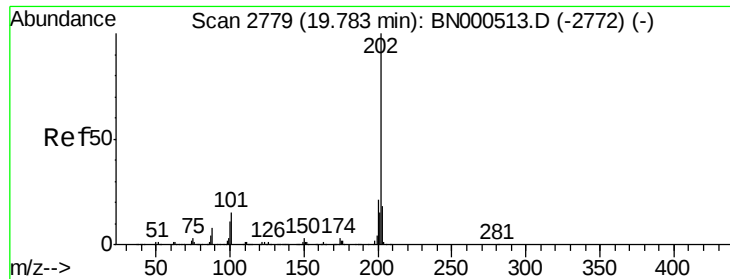
Tot Ion:167 Resp: 4214
 Ion Ratio Lower Upper
 167 100
 166 103.0 17.0 25.4#
 139 88.5 9.1 13.7#



#73
 Di-n-butylphthalate
 Concen: 144.417 ng/ul
 RT: 18.70 min Scan# 2595
 Delta R.T. 0.02 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

Tgt Ion:149 Resp: 30333
 Ion Ratio Lower Upper
 149 100
 150 68.1 7.5 11.3#
 104 25.3 4.1 6.1#

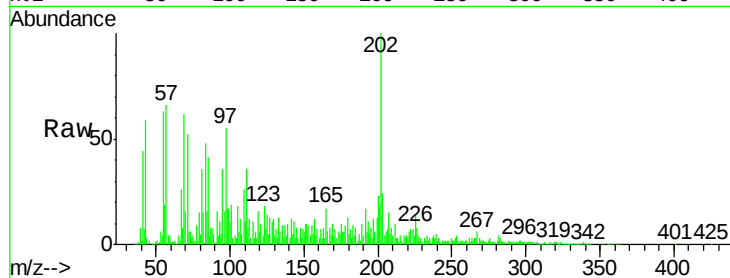




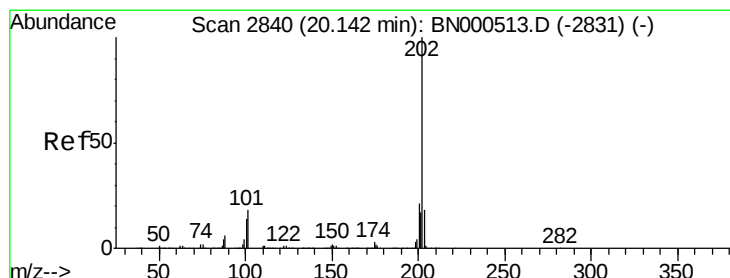
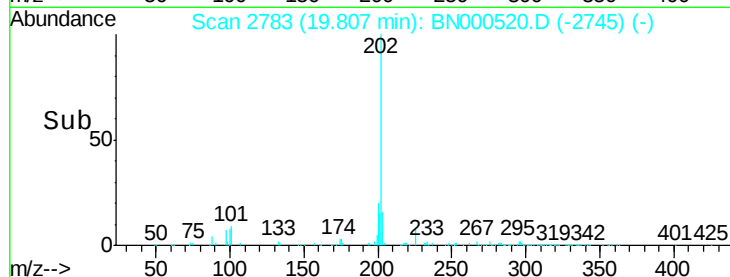
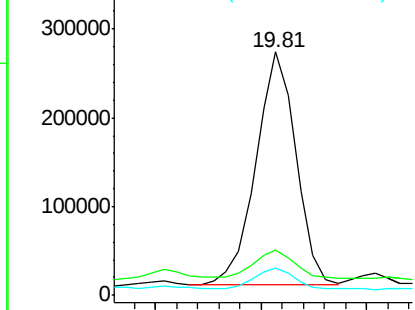
#74
 Fluoranthene
 Concen: 1990.748 ng/ul
 RT: 19.81 min Scan# 2783
 Delta R.T. 0.02 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 347477
 Ion Ratio Lower Upper
 202 100
 101 18.8 6.1 9.1#
 100 11.0 4.6 7.0#

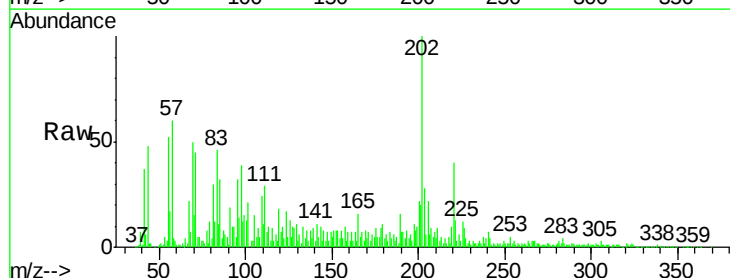


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

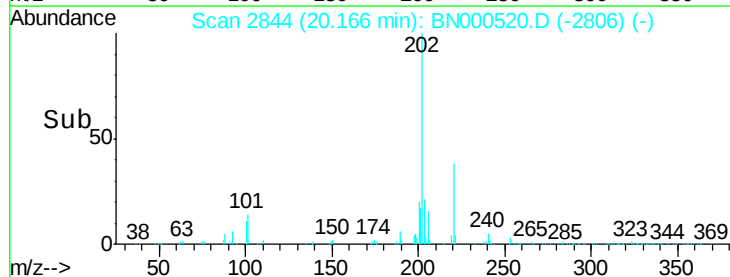
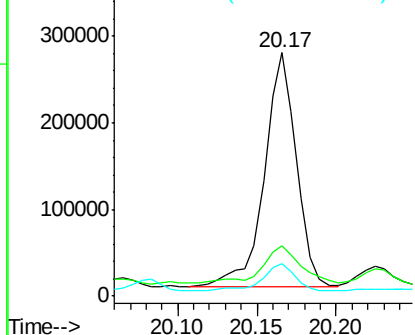


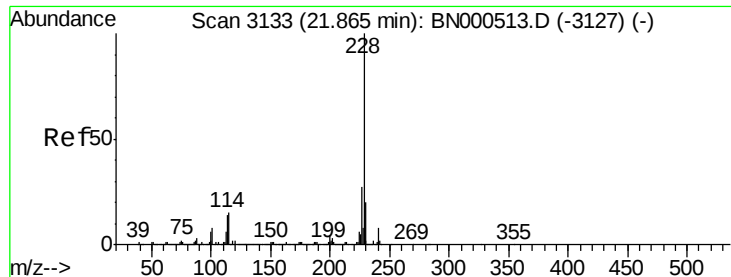
#77
 Pyrene
 Concen: 8.237 ng/ul
 RT: 20.17 min Scan# 2844
 Delta R.T. 0.02 min
 Lab File: BN000520.D
 Acq: 21 Mar 2018 15:18

Tgt Ion:202 Resp: 377384
 Ion Ratio Lower Upper
 202 100
 101 20.6 6.9 10.3#
 100 13.1 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





#80

Benzo(a)anthracene

Concen: 1.841 ng/ul

RT: 21.88 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampleId :

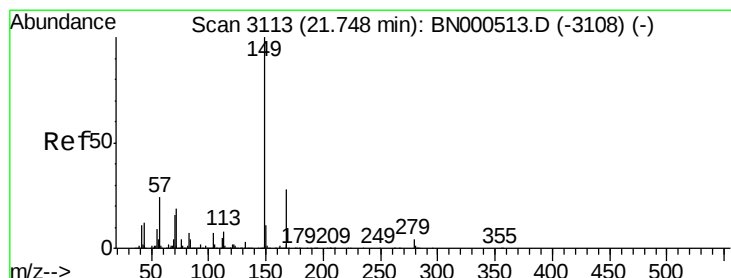
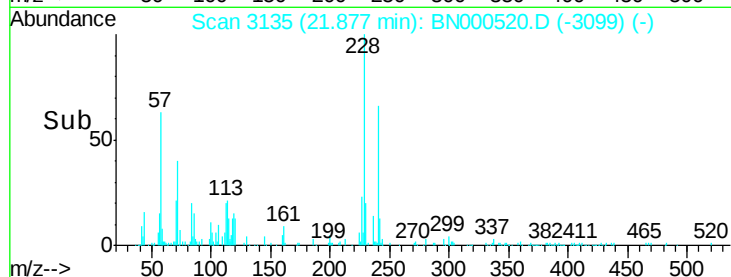
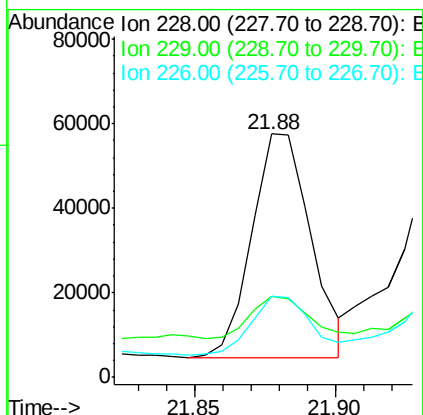
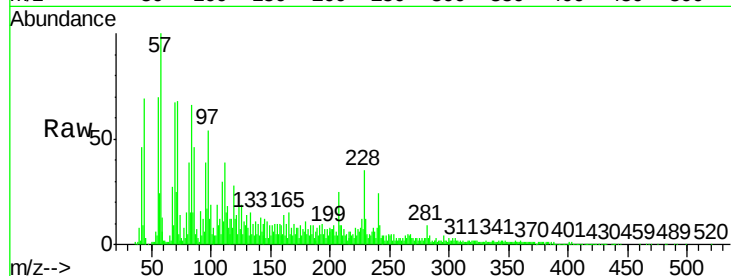
Tot Ion:228 Resp: 76940

Ion Ratio Lower Upper

228 100

229 33.0 16.0 24.0#

226 33.4 21.8 32.8#



#81

Bis(2-ethylhexyl)phthalate

Concen: 7.490 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

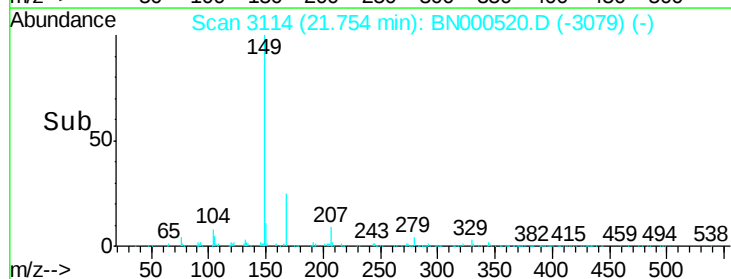
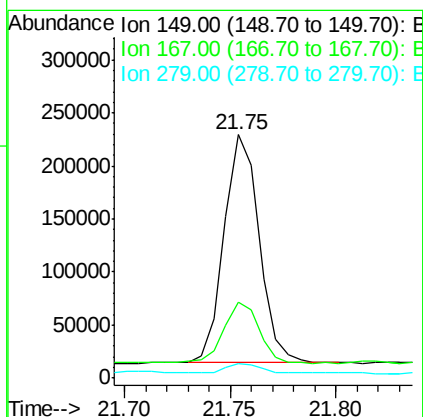
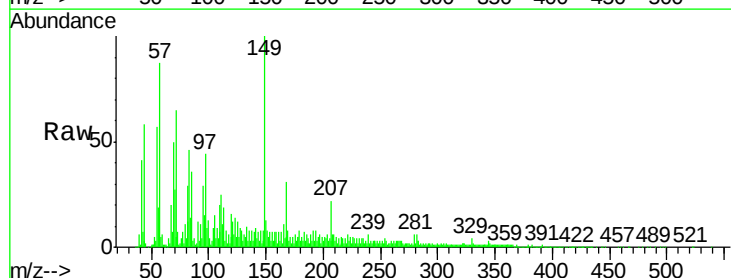
Tgt Ion:149 Resp: 247485

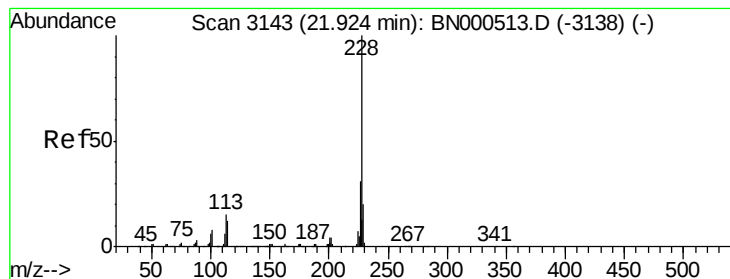
Ion Ratio Lower Upper

149 100

167 31.5 23.0 34.6

279 6.1 4.3 6.5





#82

Chrysene

Concen: 1.928 ng/ul

RT: 21.94 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampleId :

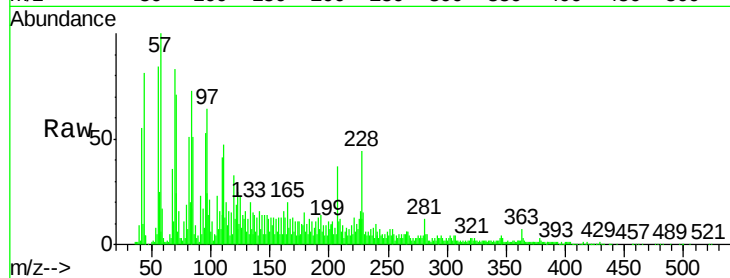
Tot Ion:228 Resp: 75526

Ion Ratio Lower Upper

228 100

226 37.4 24.1 36.1#

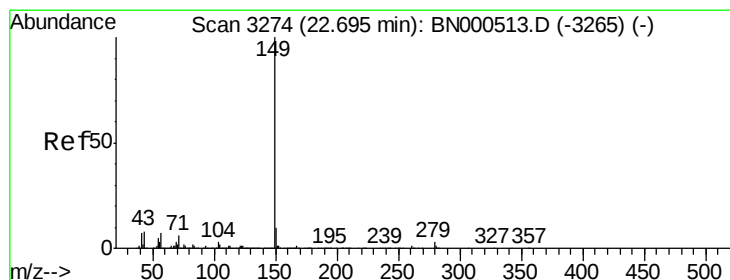
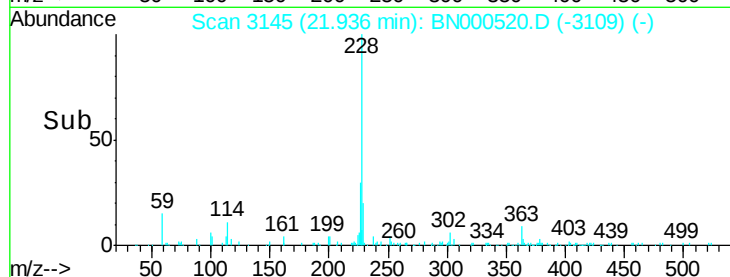
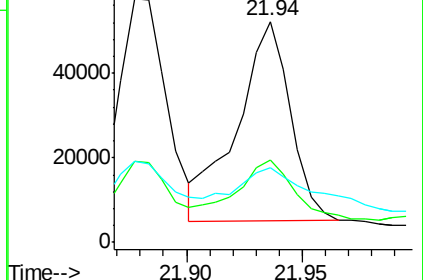
229 33.9 16.0 24.0#



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: 5.935 ng/ul

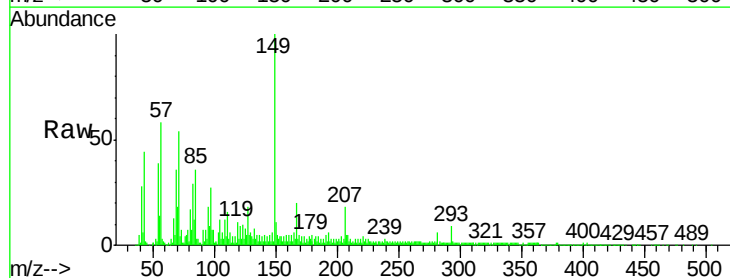
RT: 22.71 min Scan# 3277

Delta R.T. 0.02 min

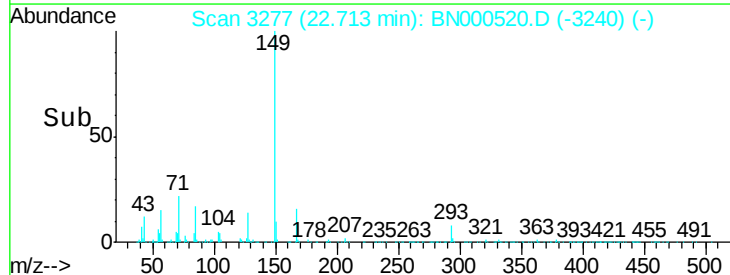
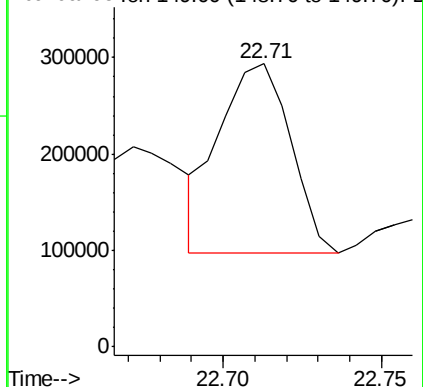
Lab File: BN000520.D

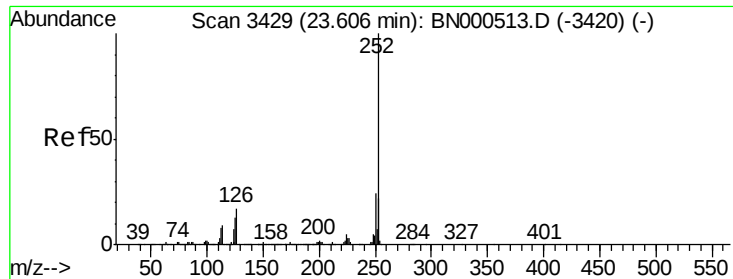
Acq: 21 Mar 2018 15:18

Tgt Ion:149 Resp: 306296



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 1.593 ng/ul

RT: 23.62 min Scan# 3432

Delta R.T. 0.02 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Instrument :

BNA_N

ClientSampled :

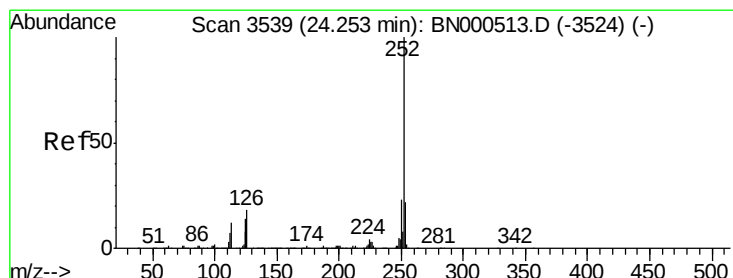
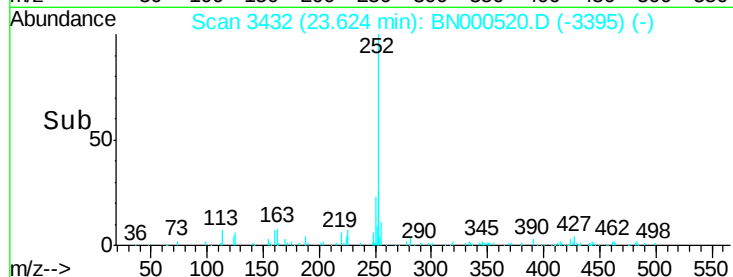
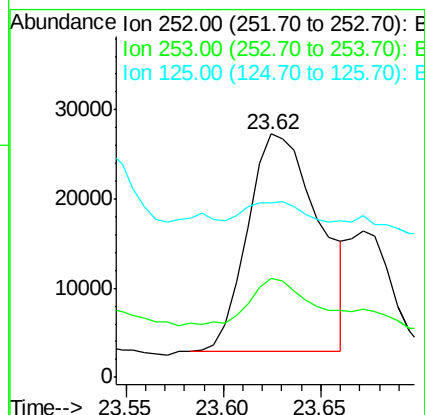
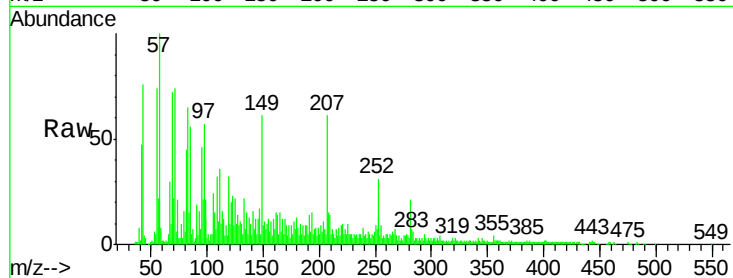
Tot Ion:252 Resp: 61733

Ion Ratio Lower Upper

252 100

253 40.6 17.4 26.0#

125 71.5 4.9 7.3#



#88

Benzo(a)pyrene

Concen: 1.158 ng/ul

RT: 24.28 min Scan# 3543

Delta R.T. 0.02 min

Lab File: BN000520.D

Acq: 21 Mar 2018 15:18

Tgt Ion:252 Resp: 42219

Ion Ratio Lower Upper

252 100

253 33.1 17.2 25.8#

125 69.9 5.8 8.6#

