

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000522.D
 Acq On : 21 Mar 2018 16:26
 Operator : JU/SJ
 Sample : J1905-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:38:39 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	165971	20.00	ng/ul	0.02
18) Naphthalene-d8	11.27	136	587825	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	337623	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.76	188	2178	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	536961	20.00	ng/ul	0.01
83) Perylene-d12	24.39	264	532835	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	16001	3.44	ng/uL	0.00
5) Phenol-d5	7.56	99	14670	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	45846	5.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	6488	0.55	ng/ul	0.02
13) 4-Methylphenol-d8	9.15	113	9766	0.81	ng/ul	0.02
19) Nitrobenzene-d5	9.44	128	15089	3.16	ng/ul	-0.15
22) 2-Nitrophenol-d4	10.38	143	70690	14.29	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.90	165	4696	0.53	ng/ul	0.04
29) 4-Chloroaniline-d4	11.37	131	269980	29.67	ng/ul	-0.01
43) Dimethylphthalate-d6	14.44	166	19174	0.72	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	18611	0.53	ng/ul	0.02
51) 4-Nitrophenol-d4	15.26	143	101593	20.51	ng/ul	0.04
57) Fluorene-d10	16.05	176	25857	1.14	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.13	200	8450	677.43	ng/ul	0.00
70) Anthracene-d10	17.90	188	13345	127.47	ng/ul	0.04
76) Pyrene-d10	20.14	212	20794	0.70	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.22	264	6456	0.26	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	7.55	77	145057	22.978	ng/ul#	1
14) Acetophenone	9.39	105	319541	17.823	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.29	70	15269	1.628	ng/ul#	79
17) Hexachloroethane	9.55	117	325893	65.341	ng/ul#	1
20) Nitrobenzene	9.63	77	55075	4.673	ng/ul#	43
21) Isophorone	10.18	82	246087	10.954	ng/ul#	1
23) 2-Nitrophenol	10.36	139	18674	3.511	ng/ul#	1
24) 2,4-Dimethylphenol	10.47	107	94290	8.229	ng/ul#	54
25) Bis(2-Chloroethoxy)methane	10.67	93	20233	1.426	ng/ul#	1
28) Naphthalene	11.32	128	1232859	39.938	ng/ul#	95
30) 4-Chloroaniline	11.45	127	17612	1.907	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.55	107	13667	1.351	ng/ul#	30
34) 2-Methylnaphthalene	12.91	142	2427940	117.808	ng/ul	100
38) 2,4,6-Trichlorophenol	13.51	196	20464	2.974	ng/ul	95
39) 2,4,5-Trichlorophenol	13.60	196	30571	4.261	ng/ul	94
40) 1,1'-Biphenyl	13.89	154	297155	10.339	ng/ul#	93
44) Dimethylphthalate	14.48	163	26456	1.003	ng/ul#	8
45) 2,6-Dinitrotoluene	14.57	165	71513	13.451	ng/ul#	35
47) Acenaphthylene	14.78	152	74348	2.157	ng/ul#	1
48) 3-Nitroaniline	14.98	138	22697	4.422	ng/ul#	33
49) Acenaphthene	15.12	153	206274	8.776	ng/ul#	85
50) 2,4-Dinitrophenol	15.17	184	28045	11.181	ng/ul#	1
52) 4-Nitrophenol	15.21	109	175306	45.802	ng/ul#	10

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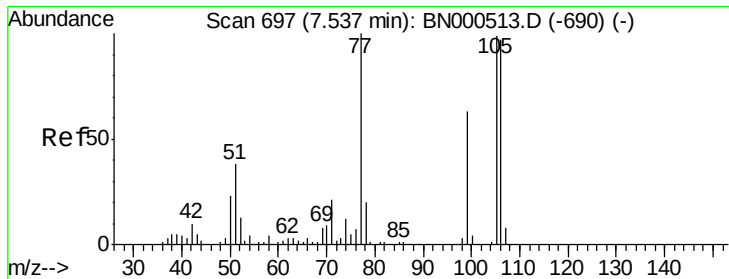
Instrument :
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

53) Dibenzofuran	15.45	168	139713	4.377	ng/ul#	16
54) 2,4-Dinitrotoluene	15.39	165	19344	2.566	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.70	232	2322432	423.936	ng/ul#	78
58) Fluorene	16.10	166	317151	12.502	ng/ul#	88
60) 4-Nitroaniline	16.12	138	134549	23.331	ng/ul#	54
63) 4,6-Dinitro-2-methylphenol	16.13	198	5404	410.369	ng/ul#	1
64) N-Nitrosodiphenylamine	16.25	169	319969	4459.418	ng/ul#	80
65) 4-Bromophenyl-phenylether	16.90	248	1030	46.396	ng/ul#	1
66) Hexachlorobenzene	17.10	284	32026	1366.235	ng/ul#	13
67) Atrazine	17.19	200	1288	59.518	ng/ul#	1
68) Pentachlorophenol	17.48	266	7582835	612741.584	ng/ul	95
69) Phenanthrene	17.75	178	55740	444.234	ng/ul#	1
71) Anthracene	17.85	178	1552889	12069.914	ng/ul	96
72) Carbazole	18.15	167	3982	36.092	ng/ul#	1
73) Di-n-butylphthalate	18.70	149	27454	182.982	ng/ul#	1
74) Fluoranthene	19.81	202	1070233	8583.575	ng/ul#	86
77) Pyrene	20.17	202	938353	23.926	ng/ul#	83
80) Benzo(a)anthracene	21.88	228	246406	6.887	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.75	149	605406	21.406	ng/ul	99
82) Chrysene	21.88	228	246343	7.345	ng/ul	96
84) Di-n-octyl phthalate	22.71	149	625961	13.957	ng/ul	100
85) Benzo(b)fluoranthene	23.63	252	218324	6.485	ng/ul#	78
86) Benzo(k)fluoranthene	23.63	252	218324	6.717	ng/ul#	77
88) Benzo(a)pyrene	24.28	252	143629	4.533	ng/ul#	79
89) Indeno(1,2,3-cd)pyrene	26.95	276	77897	2.280	ng/ul#	80
91) Benzo(g,h,i)perylene	27.75	276	68150	2.400	ng/ul#	83

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



#4

Benzaldehyde

Concen: 22.978 ng/ul

RT: 7.55 min Scan# 699

Delta R.T. 0.01 min

Lab File: BN000522.D

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Instrument :

BNA_N

ClientSampled :

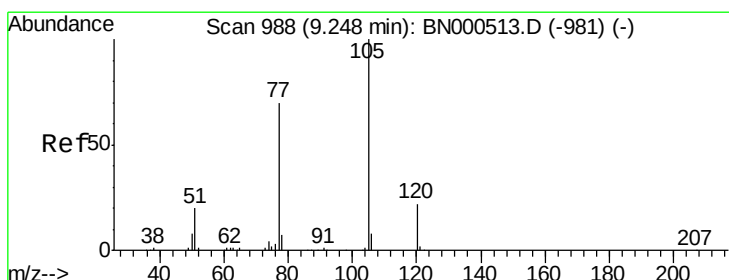
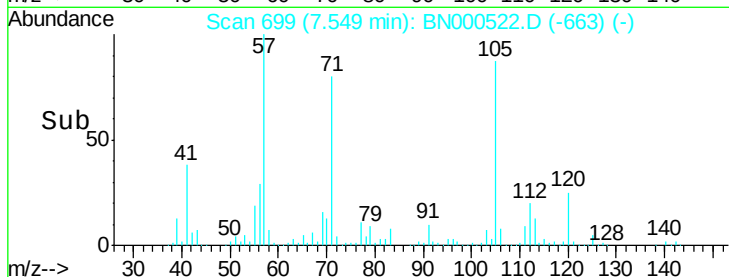
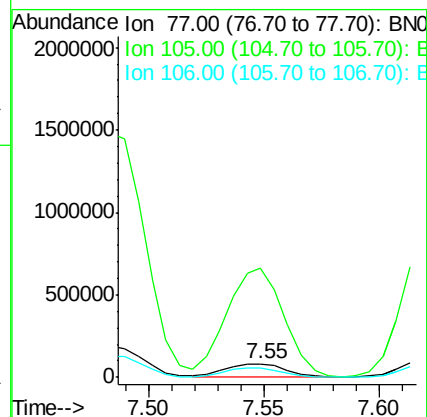
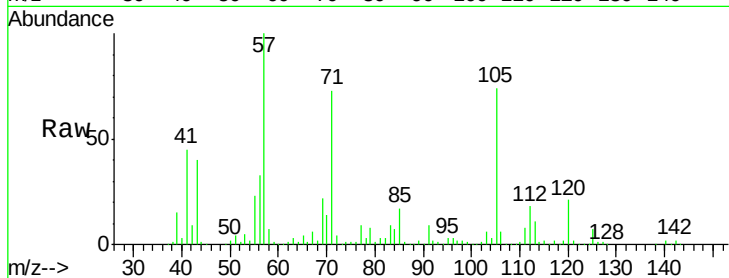
Tot Ion: 77 Resp: 145057

Ion Ratio Lower Upper

77 100

105 791.6 71.0 106.6#

106 69.5 69.5 104.3#



#14

Acetophenone

Concen: 17.823 ng/ul

RT: 9.39 min Scan# 1012

Delta R.T. 0.14 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

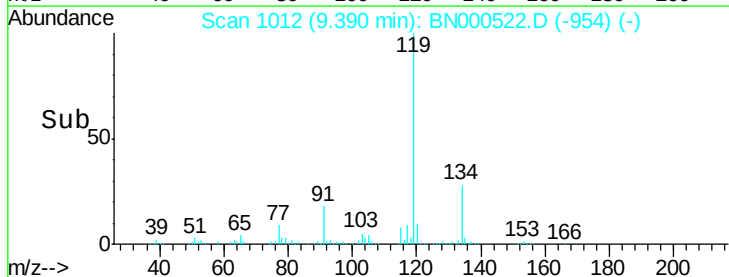
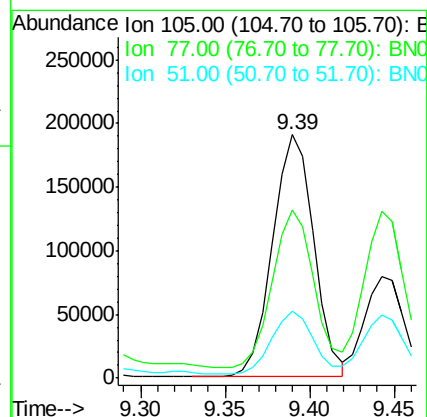
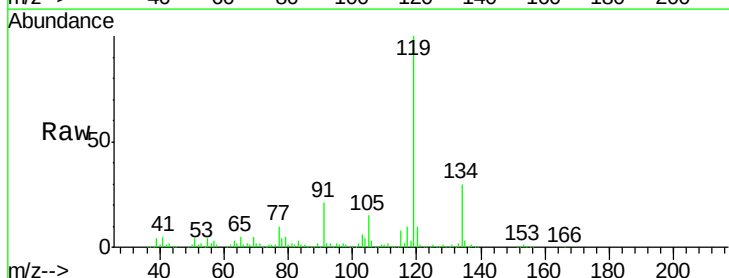
Tgt Ion: 105 Resp: 319541

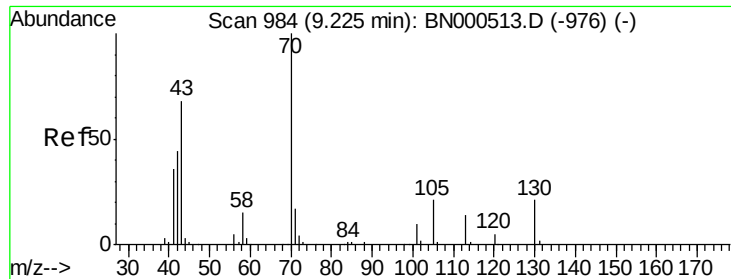
Ion Ratio Lower Upper

105 100

77 69.1 63.2 94.8

51 27.3 19.8 29.8

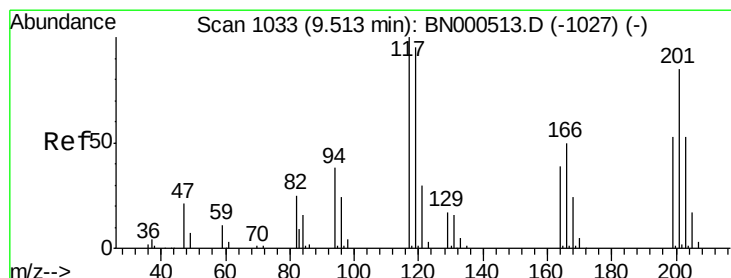
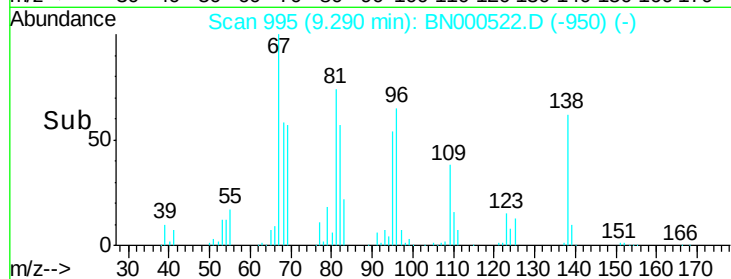
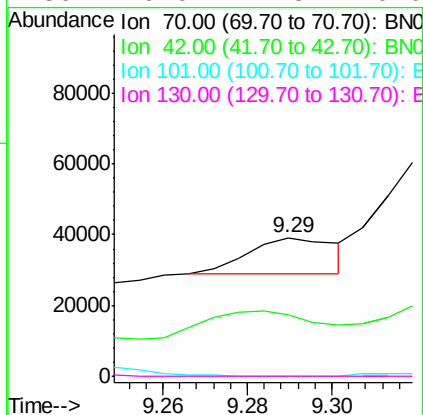
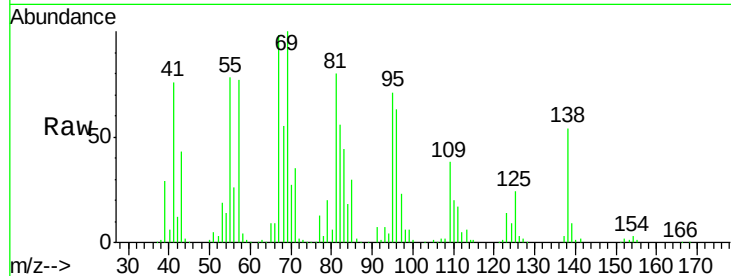




#15
N-Nitroso-di-n-propylamine
Concen: 1.628 ng/ul
RT: 9.29 min Scan# 995
Delta R.T. 0.06 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

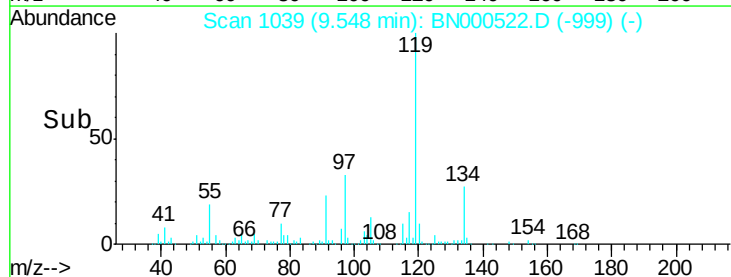
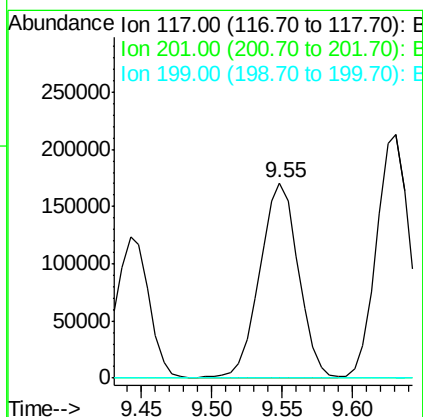
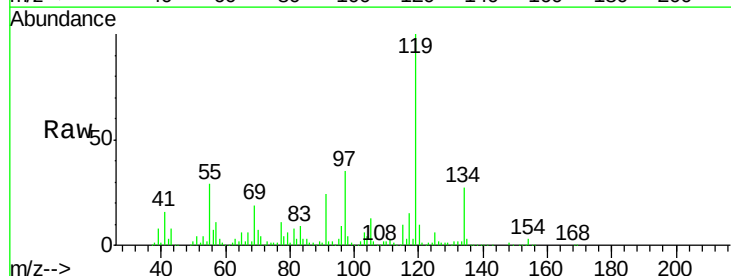
Instrument :
BNA_N
ClientSampleId :

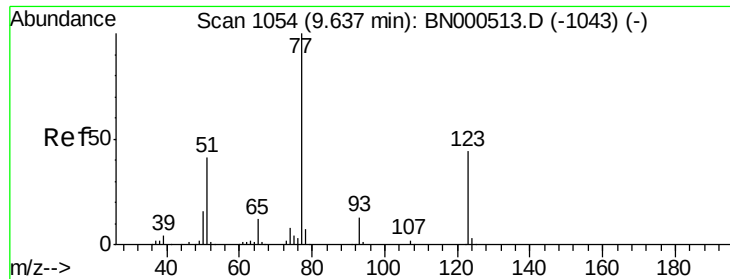
Tot Ion: 70 Resp: 15269
Ion Ratio Lower Upper
70 100
42 43.9 40.2 60.4
101 0.0 7.7 11.5#
130 0.0 17.8 26.6#



#17
Hexachloroethane
Concen: 65.341 ng/ul
RT: 9.55 min Scan# 1039
Delta R.T. 0.04 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

Tgt Ion: 117 Resp: 325893
Ion Ratio Lower Upper
117 100
201 0.0 96.1 144.1#
199 0.0 59.7 89.5#

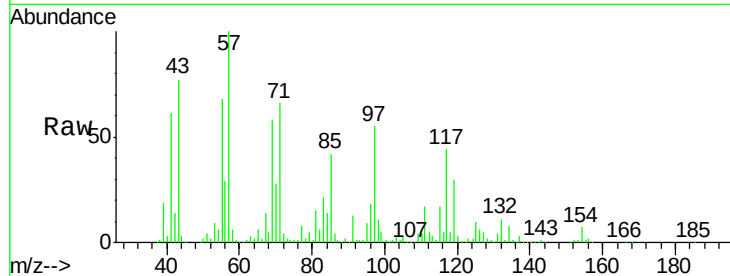




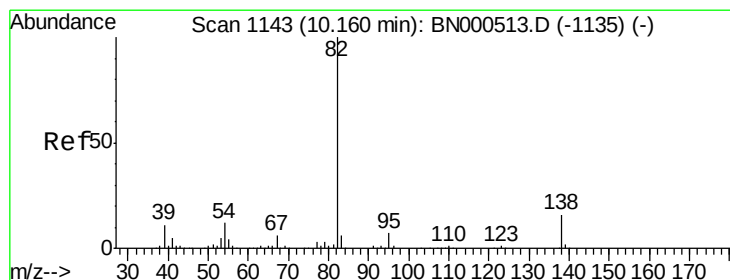
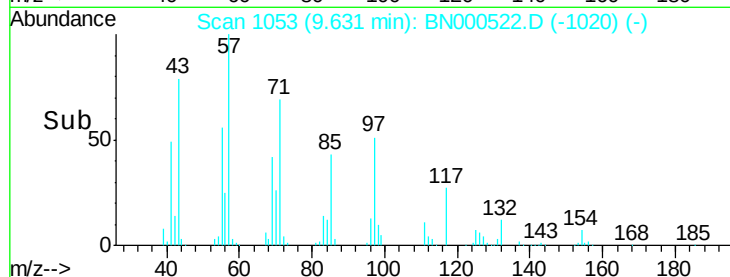
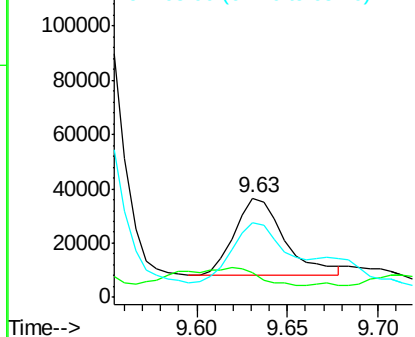
#20
Nitrobenzene
Concen: 4.673 ng/ul
RT: 9.63 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 77 Resp: 55075
Ion Ratio Lower Upper
77 100
123 24.3 31.8 47.8#
65 74.7 10.6 16.0#

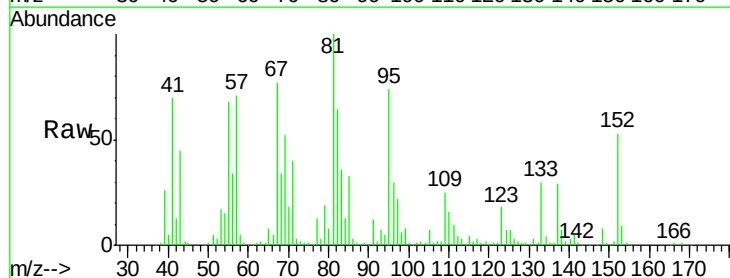


Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): BN0
Ion 65.00 (64.70 to 65.70): BN0

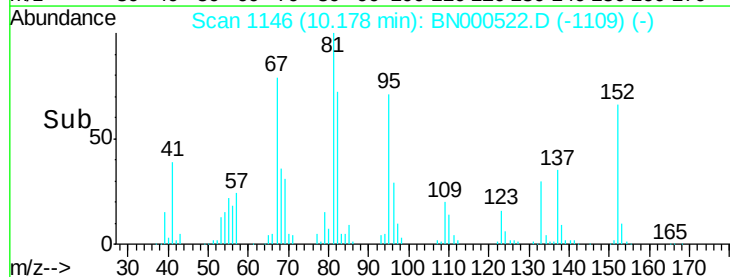
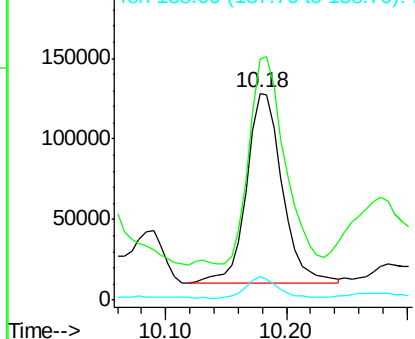


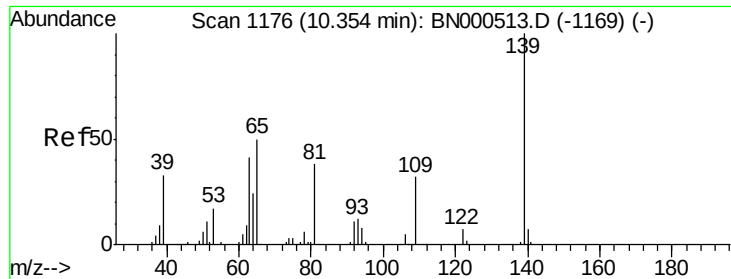
#21
Isophorone
Concen: 10.954 ng/ul
RT: 10.18 min Scan# 1146
Delta R.T. 0.02 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

Tgt Ion: 82 Resp: 246087
Ion Ratio Lower Upper
82 100
95 116.4 6.1 9.1#
138 11.5 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 95.00 (94.70 to 95.70): BN0
Ion 138.00 (137.70 to 138.70): BN0

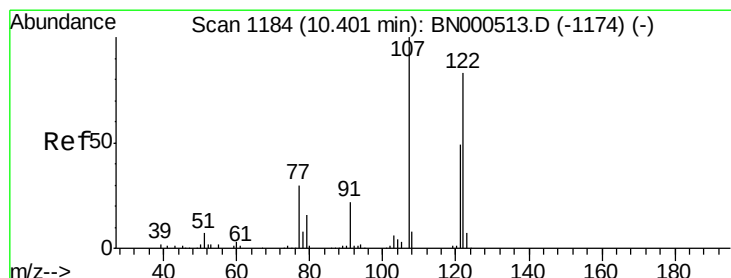
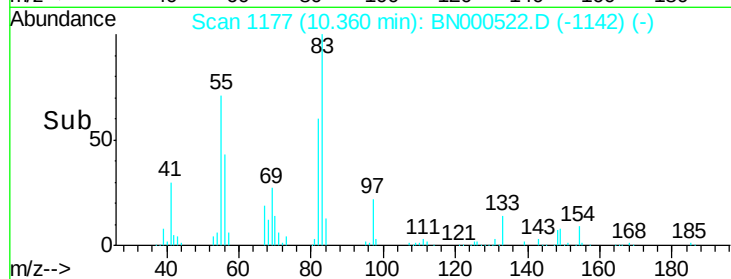
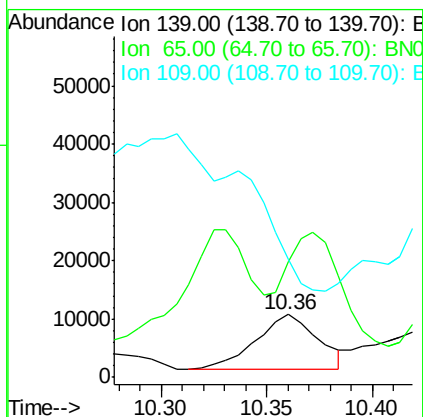
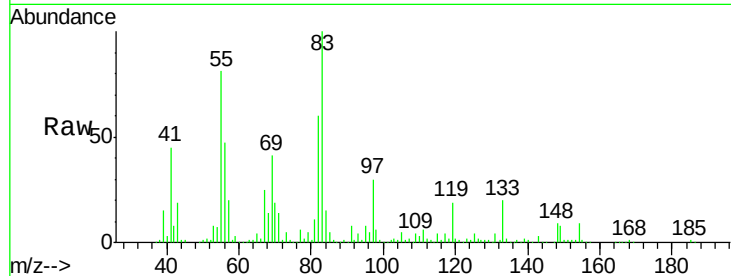




#23
 2-Nitrophenol
 Concen: 3.511 ng/ul
 RT: 10.36 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

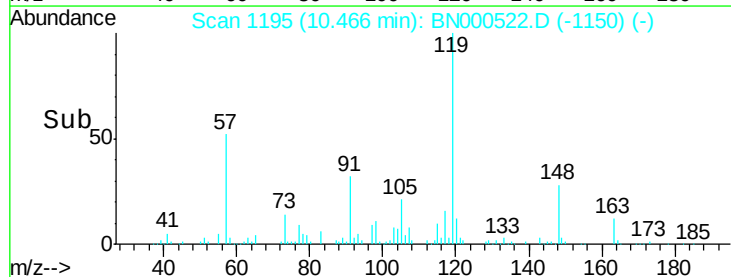
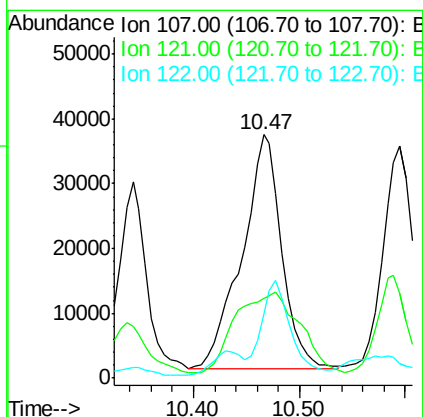
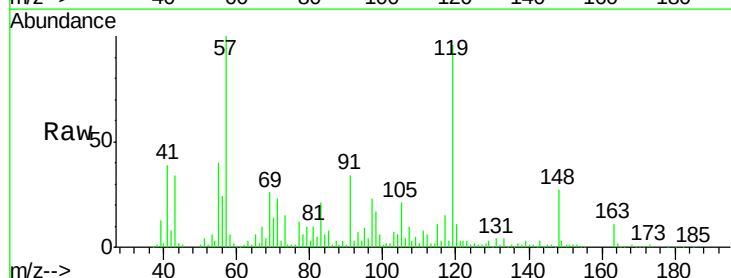
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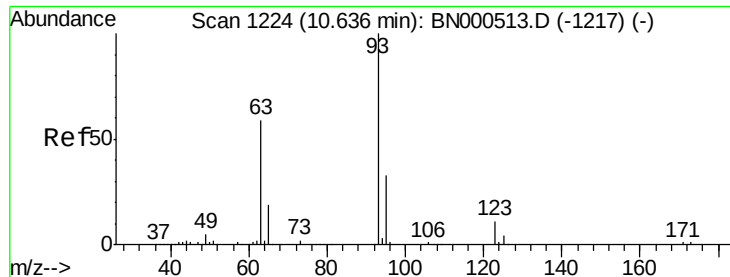
Tot Ion:139 Resp: 18674
 Ion Ratio Lower Upper
 139 100
 65 185.2 45.3 67.9#
 109 187.6 27.7 41.5#



#24
 2,4-Dimethylphenol
 Concen: 8.229 ng/ul
 RT: 10.47 min Scan# 1195
 Delta R.T. 0.06 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

Tgt Ion:107 Resp: 94290
 Ion Ratio Lower Upper
 107 100
 121 32.5 38.1 57.1#
 122 26.5 63.8 95.8#

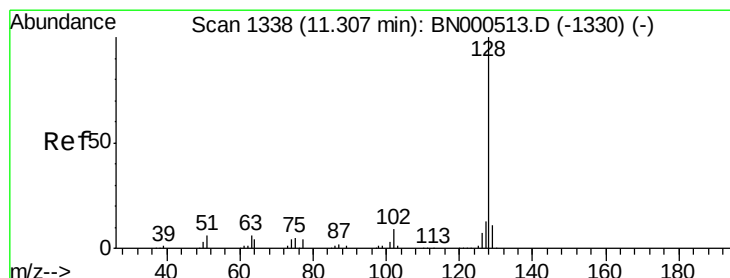
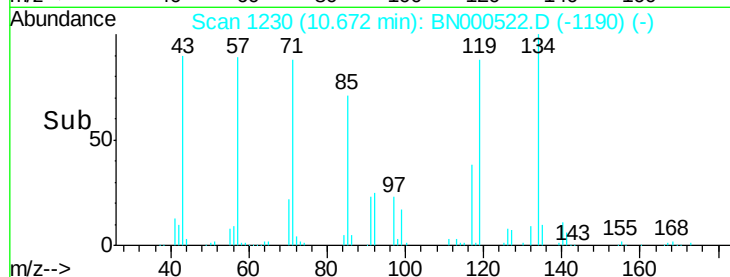
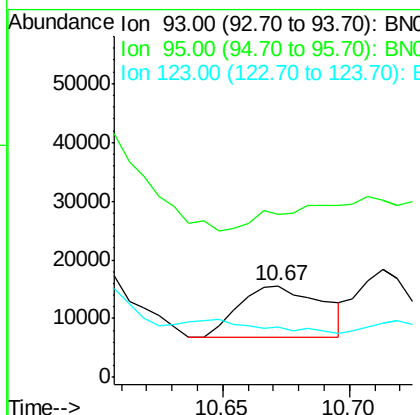
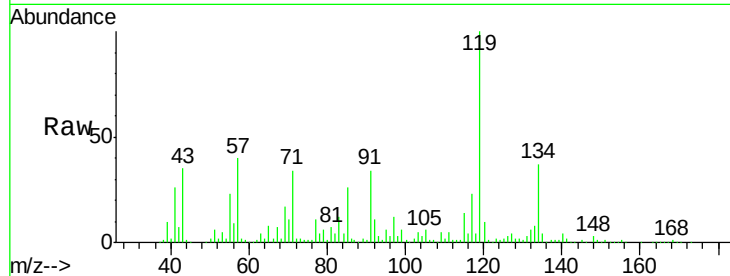




#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.426 ng/ul
 RT: 10.67 min Scan# 1230
 Delta R.T. 0.04 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

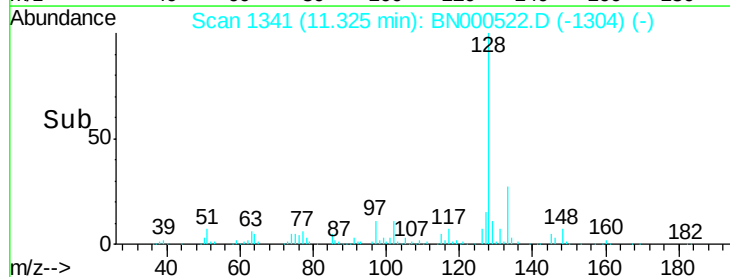
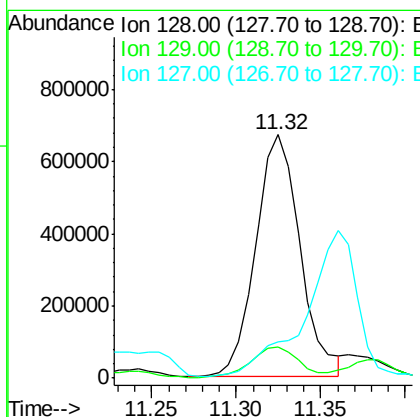
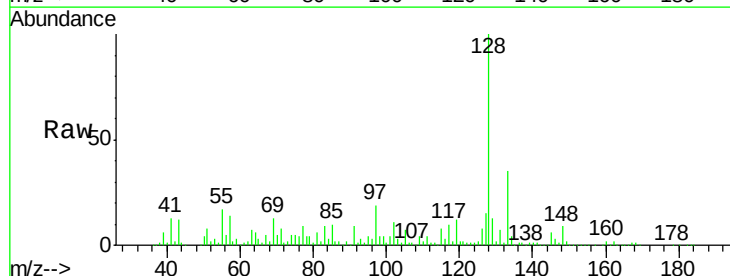
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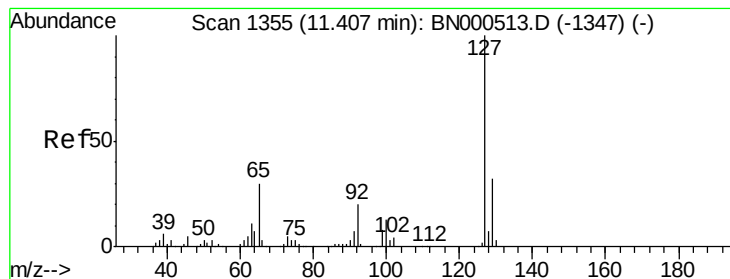
Tot Ion: 93 Resp: 20233
 Ion Ratio Lower Upper
 93 100
 95 176.9 24.7 37.1#
 123 54.2 8.2 12.2#



#28
 Naphthalene
 Concen: 39.938 ng/ul
 RT: 11.32 min Scan# 1341
 Delta R.T. 0.02 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

Tgt Ion:128 Resp: 1232859
 Ion Ratio Lower Upper
 128 100
 129 13.0 8.3 12.5#
 127 14.9 10.8 16.2





#30

4-Chloroaniline

Concen: 1.907 ng/ul

RT: 11.45 min Scan# 1363

Delta R.T. 0.05 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

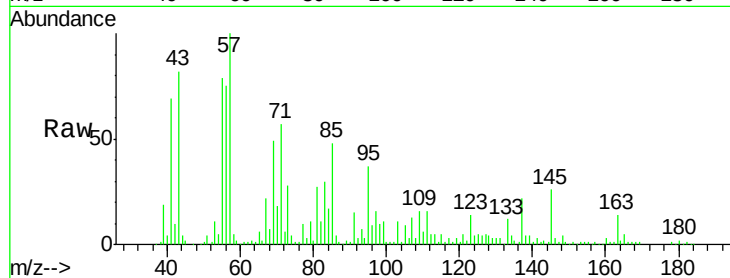
ClientSampled :

Tot Ion:127 Resp: 17612

Ion Ratio Lower Upper

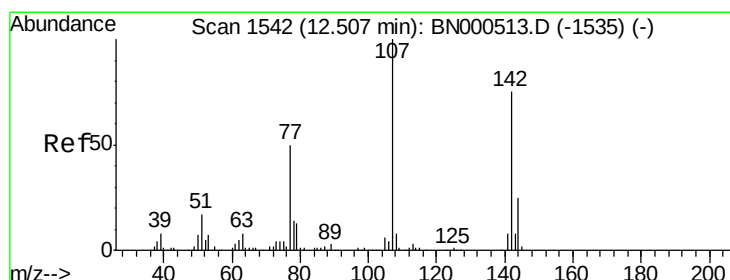
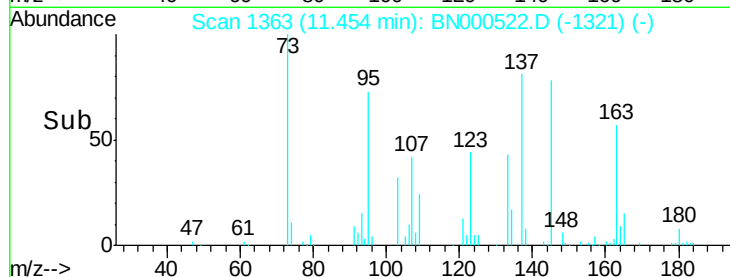
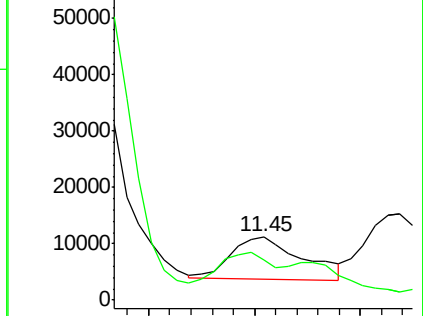
127 100

129 63.3 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#33

4-Chloro-3-methylphenol

Concen: 1.351 ng/ul

RT: 12.55 min Scan# 1549

Delta R.T. 0.04 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

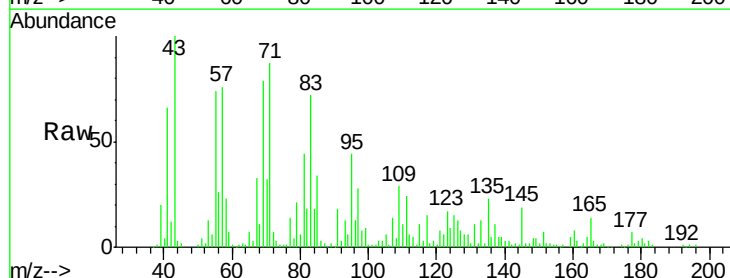
Tgt Ion:107 Resp: 13667

Ion Ratio Lower Upper

107 100

144 9.0 21.1 31.7#

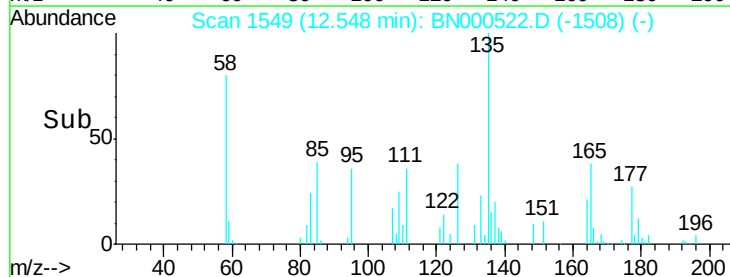
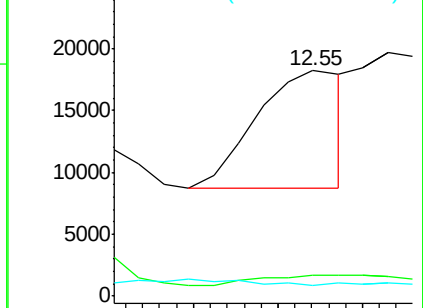
142 4.5 60.1 90.1#

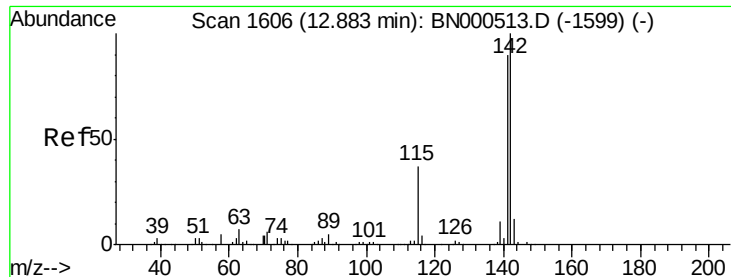


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

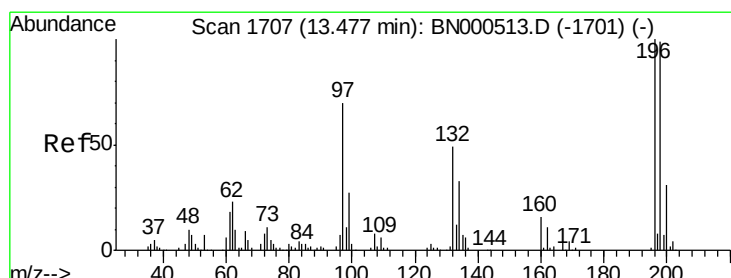
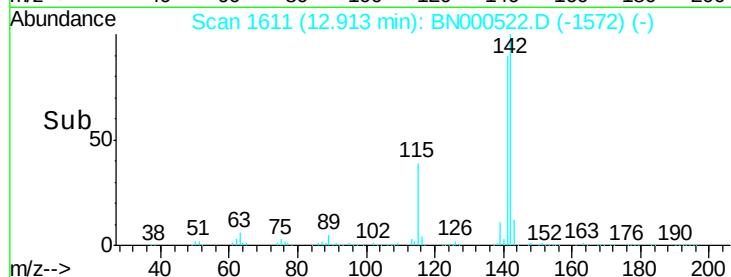
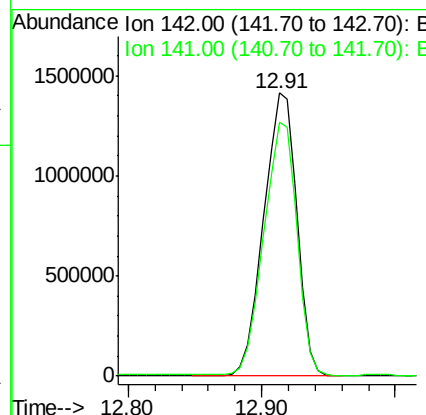
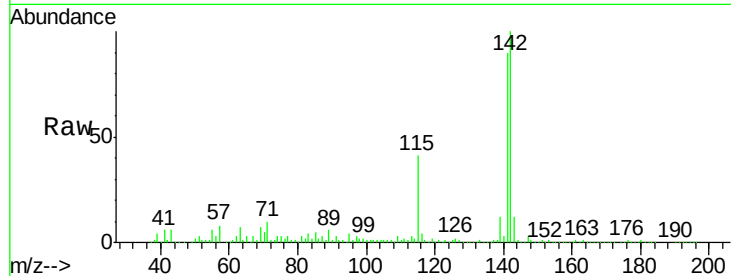




#34
 2-Methylnaphthalene
 Concen: 117.808 ng/ul
 RT: 12.91 min Scan# 1611
 Delta R.T. 0.03 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

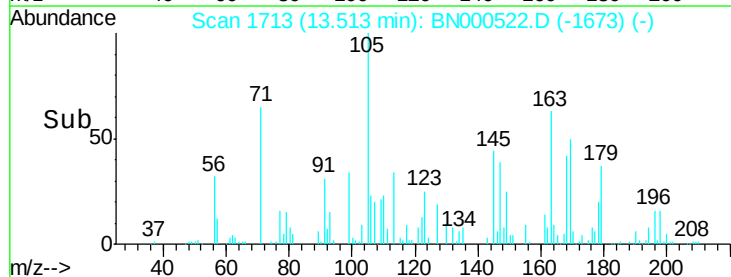
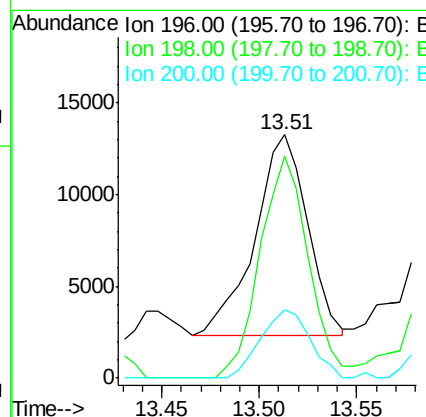
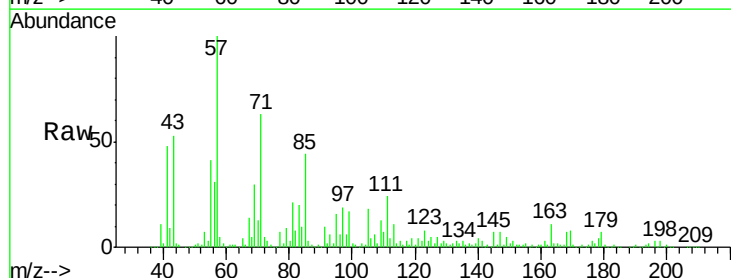
Instrument :
 BNA_N
 ClientSampleId :

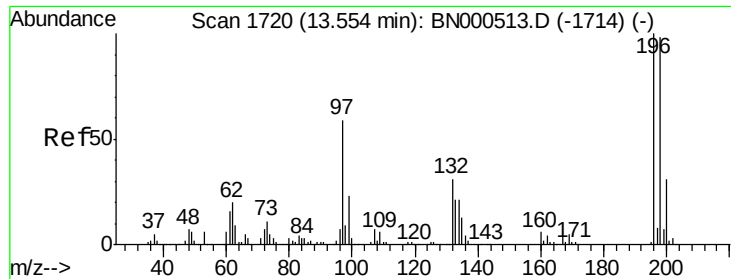
Tot Ion:142 Resp: 2427940
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.4 107.2



#38
 2,4,6-Trichlorophenol
 Concen: 2.974 ng/ul
 RT: 13.51 min Scan# 1713
 Delta R.T. 0.04 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

Tgt Ion:196 Resp: 20464
 Ion Ratio Lower Upper
 196 100
 198 90.9 75.9 113.9
 200 27.9 25.8 38.6

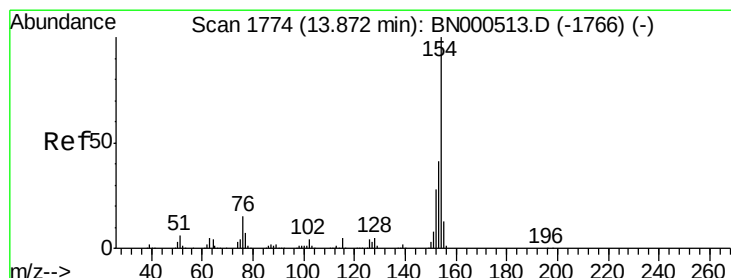
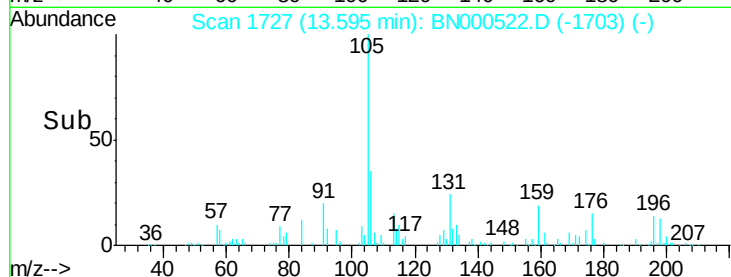
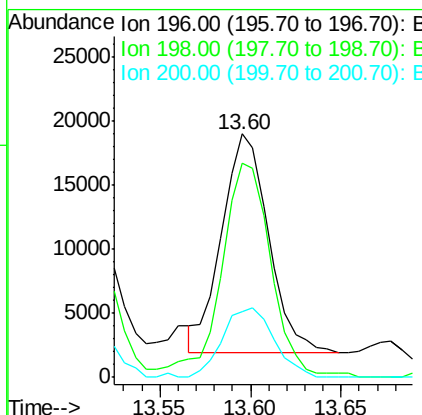
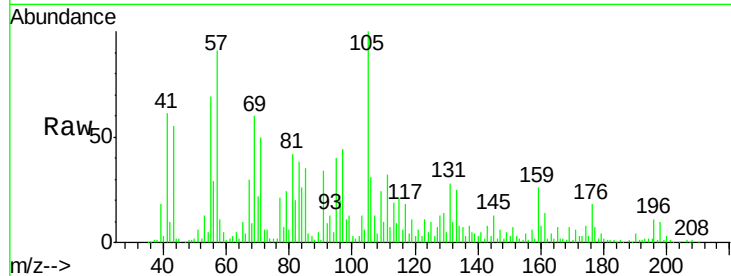




#39
 2,4,5-Trichlorophenol
 Concen: 4.261 ng/ul
 RT: 13.60 min Scan# 1727
 Delta R.T. 0.04 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

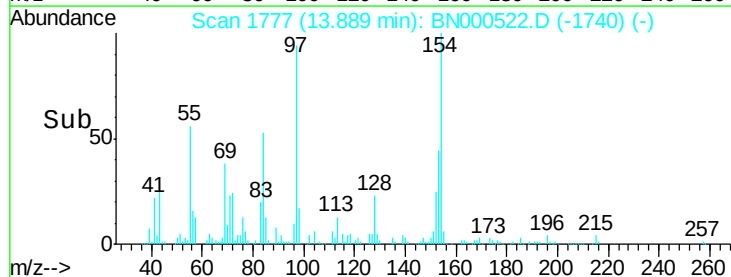
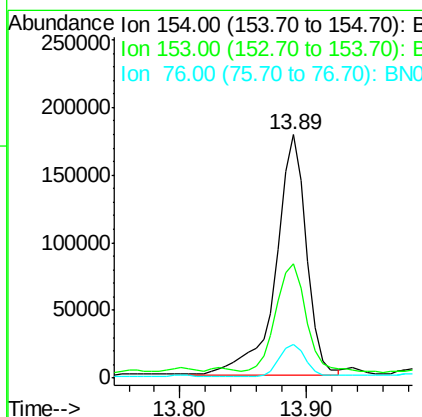
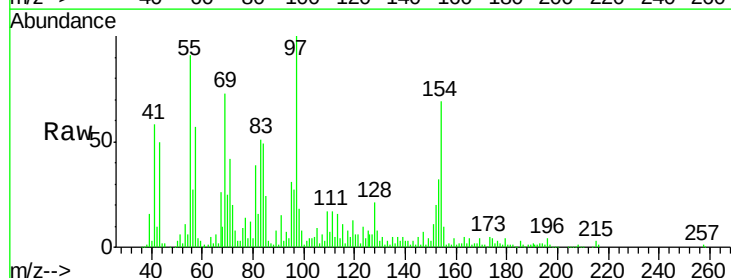
Instrument :
 BNA_N
 ClientSampleId :

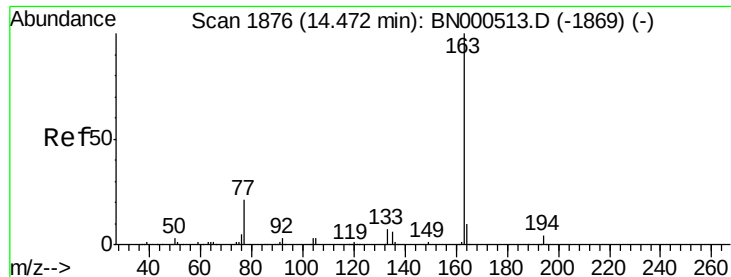
Tot Ion:196 Resp: 30571
 Ion Ratio Lower Upper
 196 100
 198 87.8 74.7 112.1
 200 27.1 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 10.339 ng/ul
 RT: 13.89 min Scan# 1777
 Delta R.T. 0.02 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

Tgt Ion:154 Resp: 297155
 Ion Ratio Lower Upper
 154 100
 153 47.1 34.0 51.0
 76 13.7 8.4 12.6#

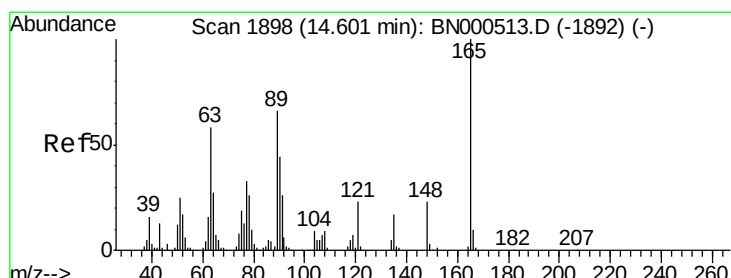
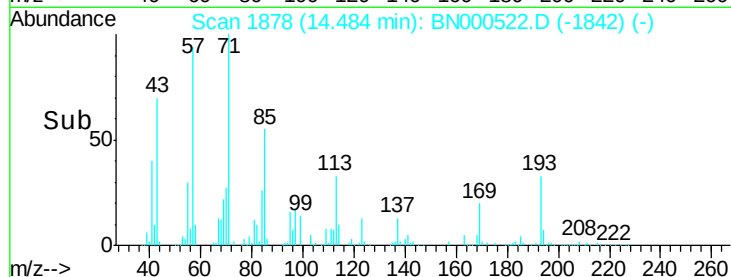
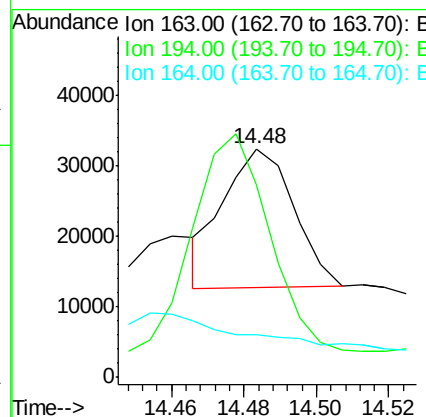
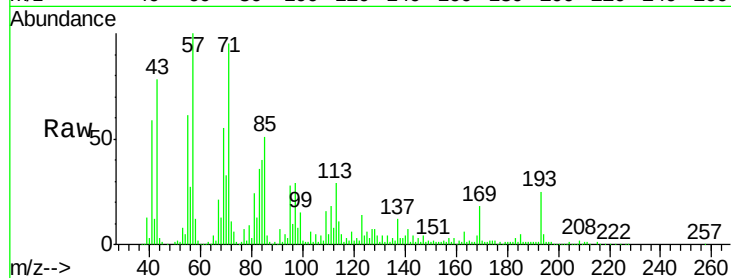




#44
Dimethylphthalate
Concen: 1.003 ng/ul
RT: 14.48 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

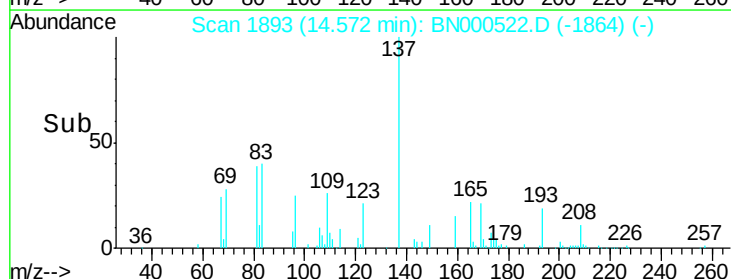
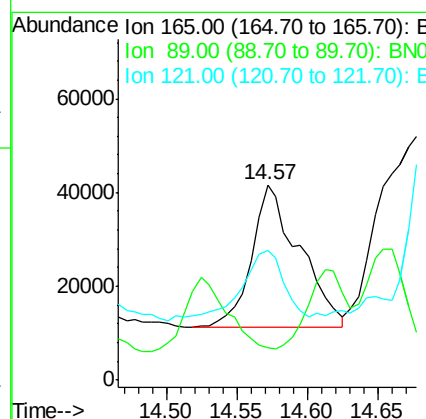
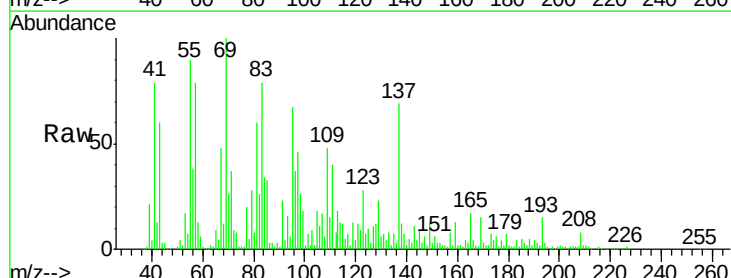
Instrument :
BNA_N
ClientSampled :

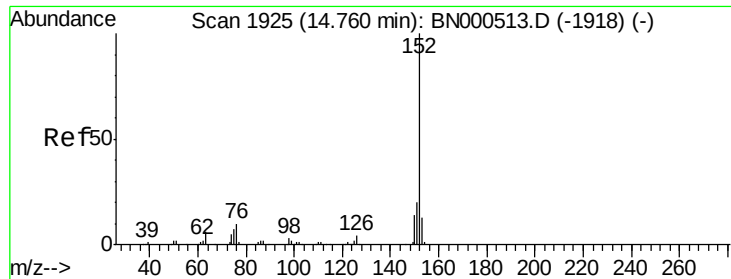
Tot Ion:163 Resp: 26456
Ion Ratio Lower Upper
163 100
194 84.4 4.0 6.0#
164 18.8 8.4 12.6#



#45
2,6-Dinitrotoluene
Concen: 13.451 ng/ul
RT: 14.57 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

Tgt Ion:165 Resp: 71513
Ion Ratio Lower Upper
165 100
89 16.4 43.8 65.8#
121 66.7 17.8 26.6#





#47

Acenaphthylene

Concen: 2.157 ng/ul

RT: 14.78 min Scan# 1928

Delta R.T. 0.02 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

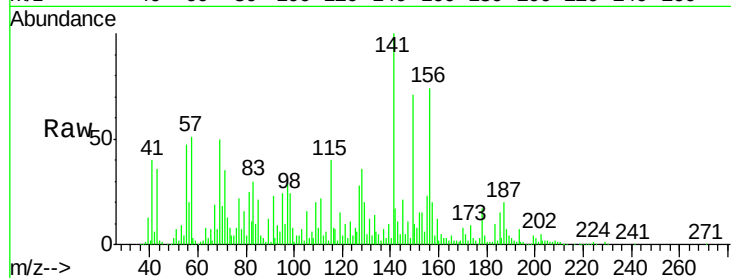
Tot Ion:152 Resp: 74348

Ion Ratio Lower Upper

152 100

151 54.9 16.1 24.1#

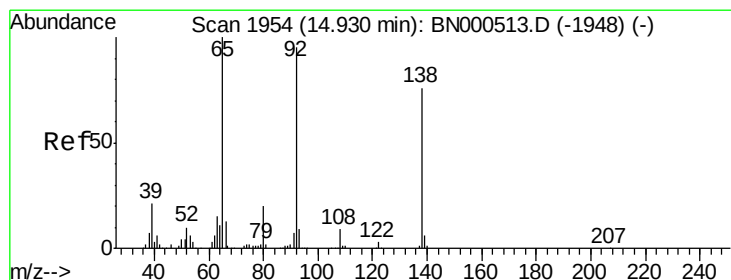
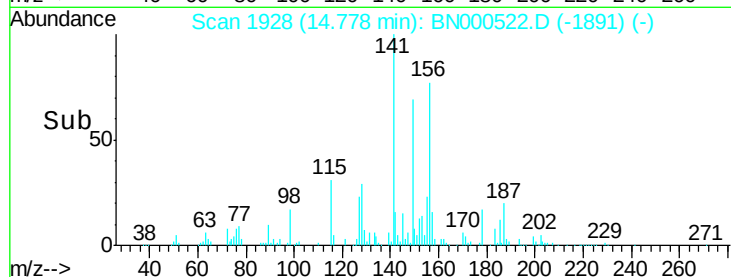
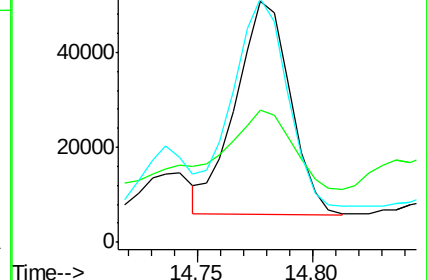
153 101.0 10.8 16.2#



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: 4.422 ng/ul

RT: 14.98 min Scan# 1962

Delta R.T. 0.05 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

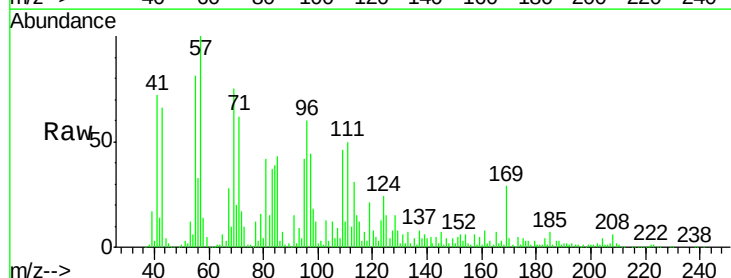
Tgt Ion:138 Resp: 22697

Ion Ratio Lower Upper

138 100

108 116.2 7.6 11.4#

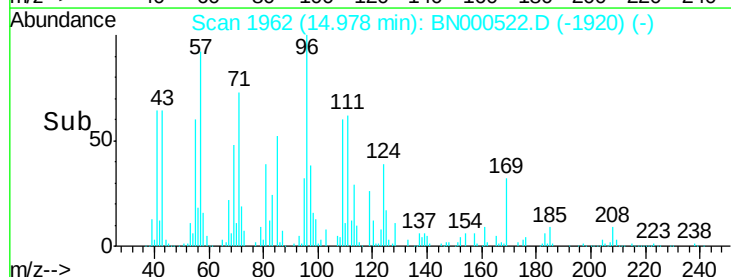
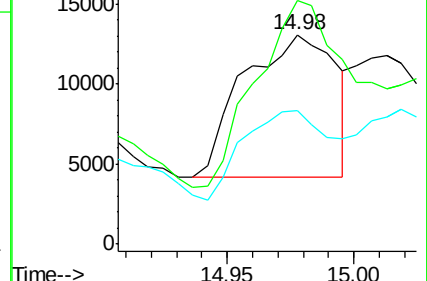
92 63.5 94.2 141.2#

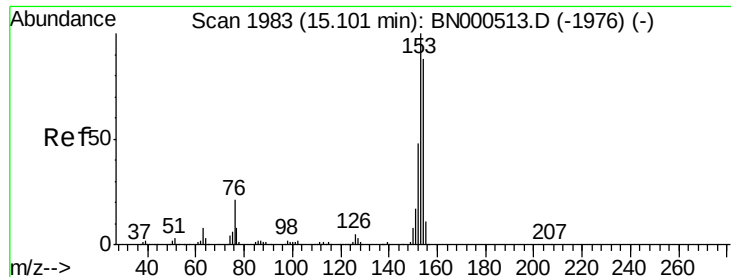


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 8.776 ng/ul

RT: 15.12 min Scan# 1986

Delta R.T. 0.02 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampled :

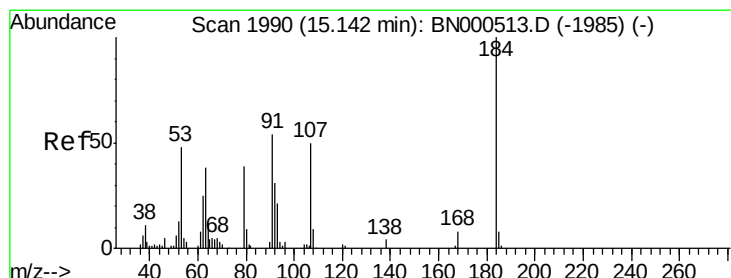
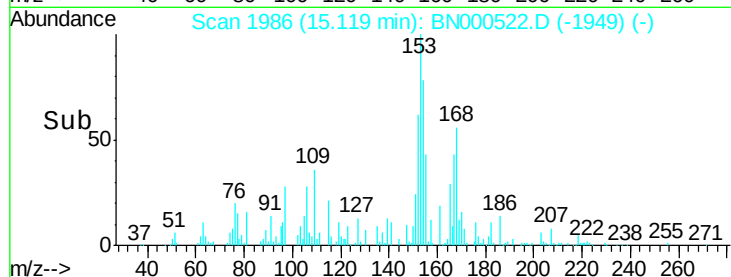
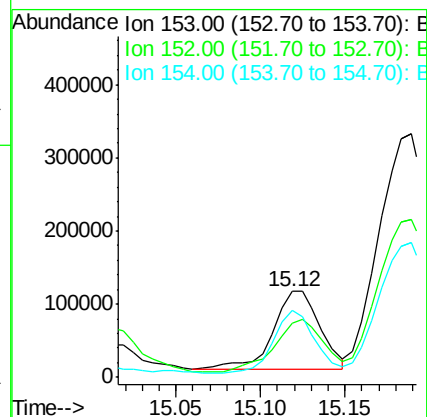
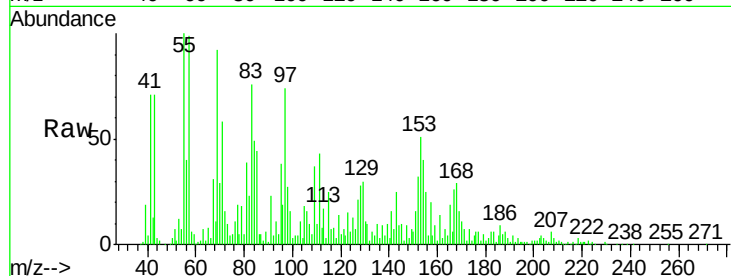
Tot Ion:153 Resp: 206274

Ion Ratio Lower Upper

153 100

152 63.7 37.9 56.9#

154 78.3 69.8 104.6



#50

2,4-Dinitrophenol

Concen: 11.181 ng/ul

RT: 15.17 min Scan# 1994

Delta R.T. 0.02 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

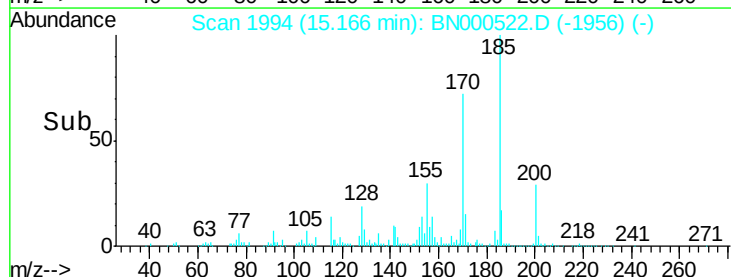
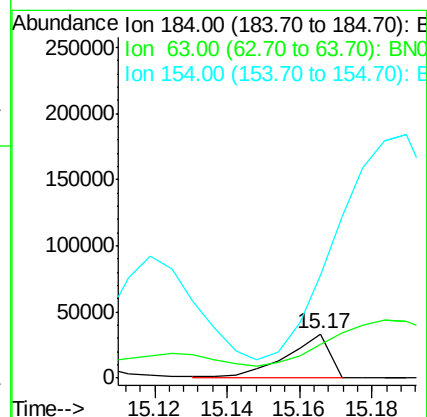
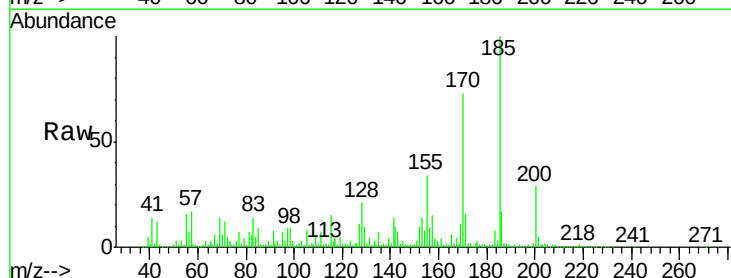
Tgt Ion:184 Resp: 28045

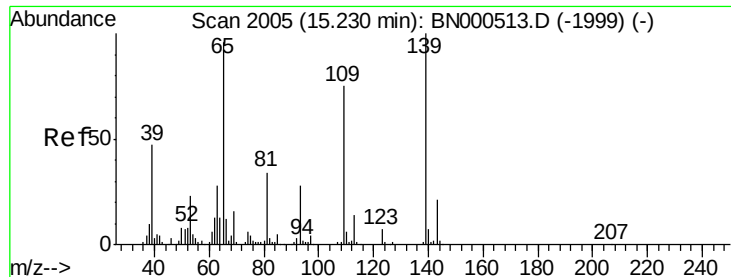
Ion Ratio Lower Upper

184 100

63 75.4 39.7 59.5#

154 232.5 45.0 67.6#





#52

4-Nitrophenol

Concen: 45.802 ng/ul

RT: 15.21 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

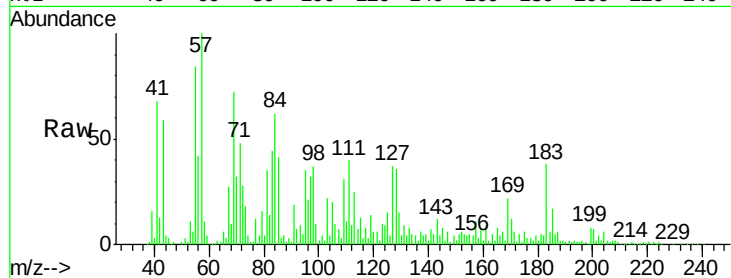
Tot Ion:109 Resp: 175306

Ion Ratio Lower Upper

109 100

139 16.5 91.2 136.8#

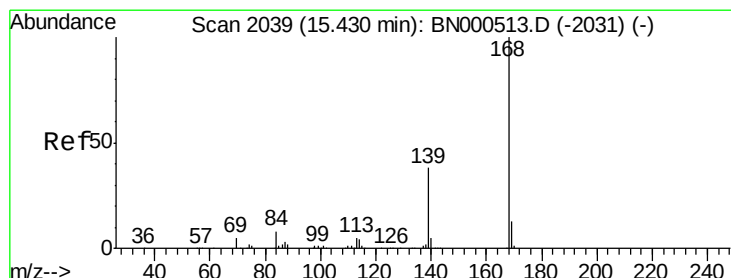
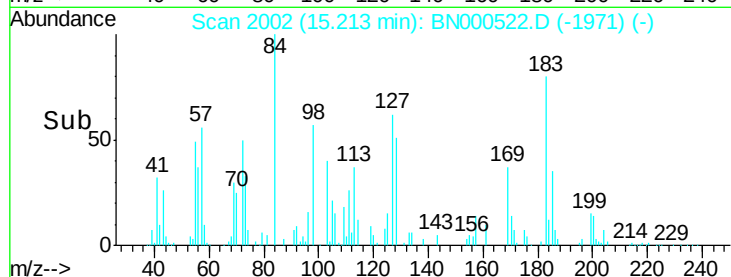
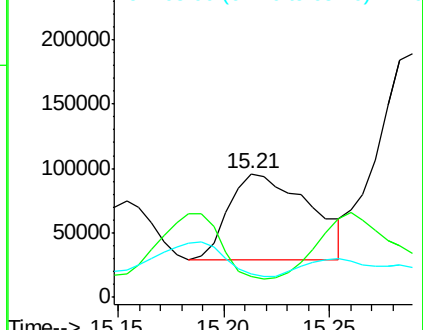
65 19.3 92.6 139.0#



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: 4.377 ng/ul

RT: 15.45 min Scan# 2043

Delta R.T. 0.02 min

Lab File: BN000522.D

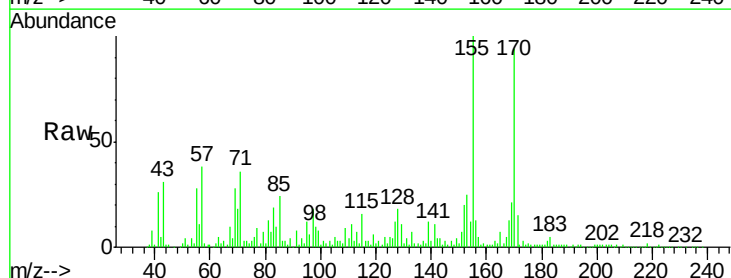
Acq: 21 Mar 2018 16:26

Tgt Ion:168 Resp: 139713

Ion Ratio Lower Upper

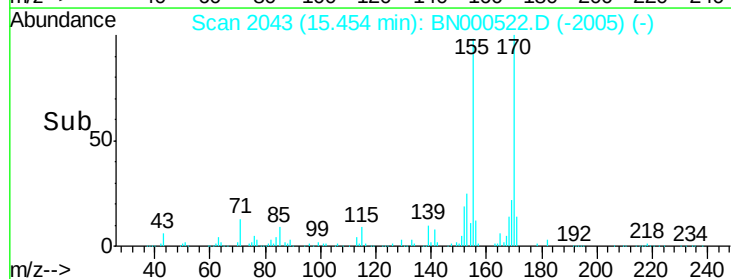
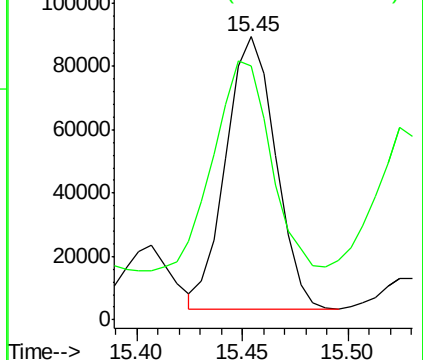
168 100

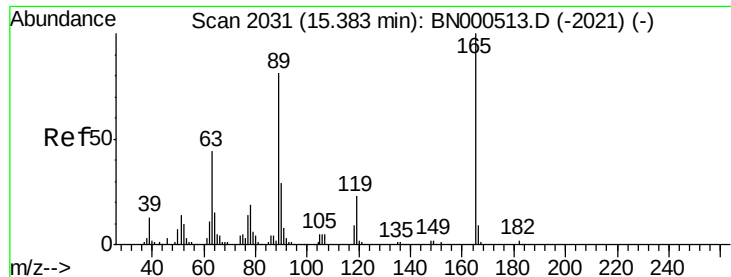
139 89.8 31.0 46.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 2.566 ng/ul

RT: 15.39 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampled :

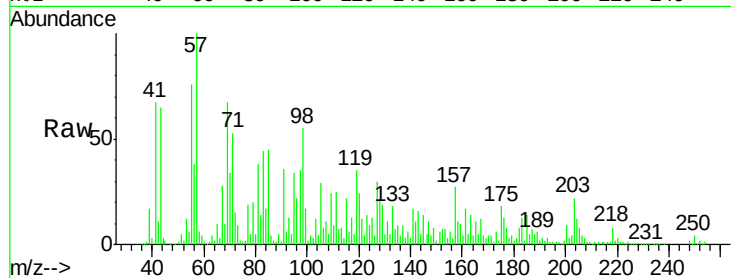
Tot Ion:165 Resp: 19344

Ion Ratio Lower Upper

165 100

63 34.8 31.4 47.0

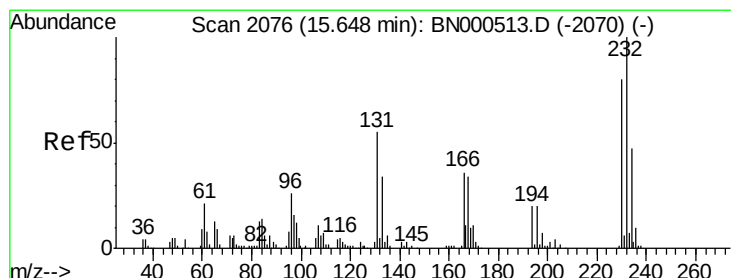
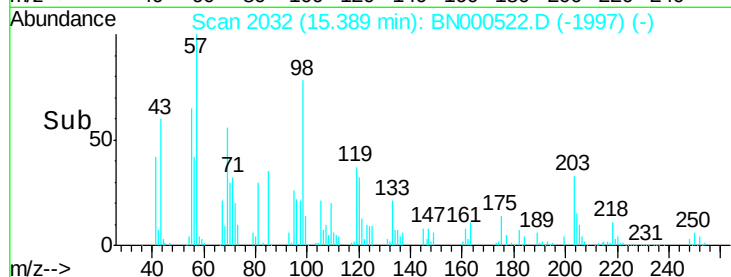
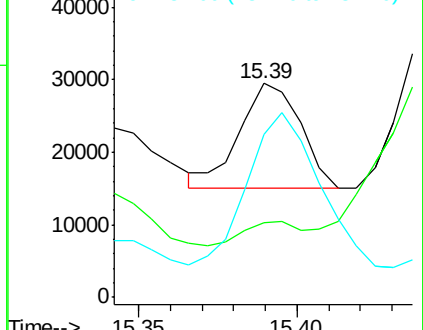
182 76.2 2.7 4.1#



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: 423.936 ng/ul

RT: 15.70 min Scan# 2085

Delta R.T. 0.05 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Tgt Ion:232 Resp: 2322432

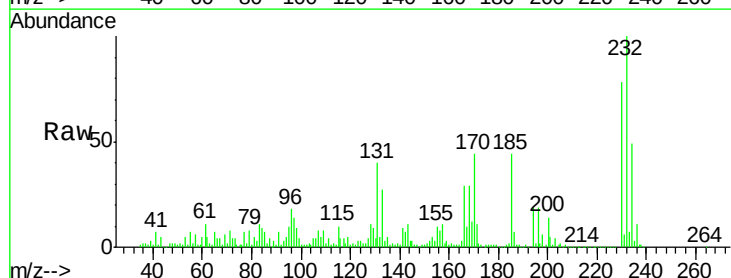
Ion Ratio Lower Upper

232 100

131 40.4 48.0 72.0#

130 4.2 4.0 6.0

166 29.3 32.0 48.0#

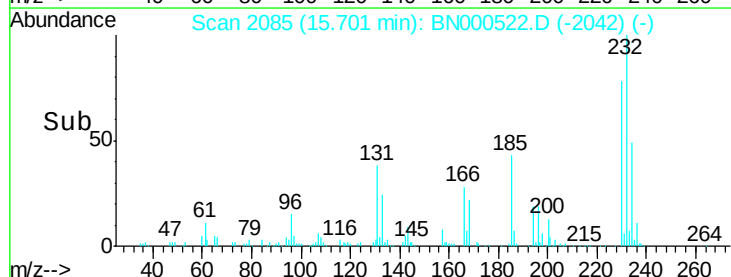
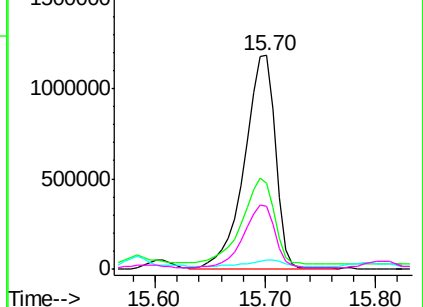


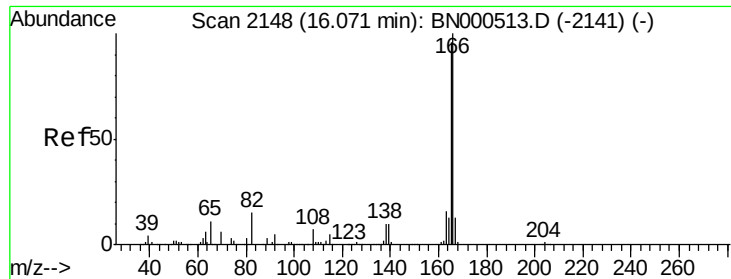
Abundance Ion 232.00 (231.70 to 232.70): E

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





#58

Fluorene

Concen: 12.502 ng/ul

RT: 16.10 min Scan# 2153

Delta R.T. 0.03 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

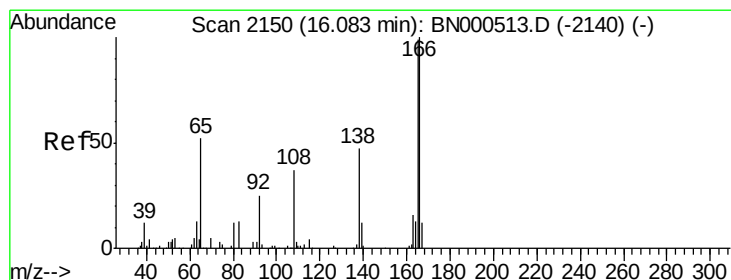
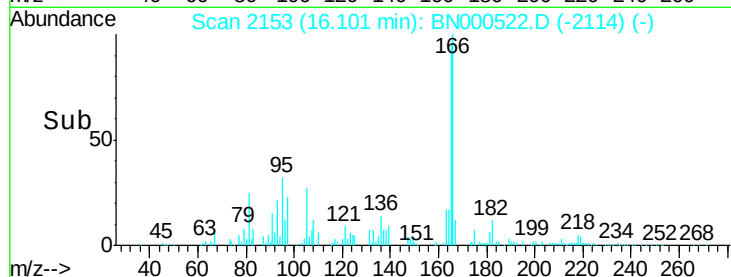
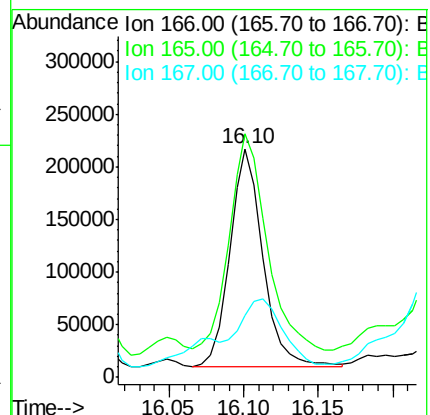
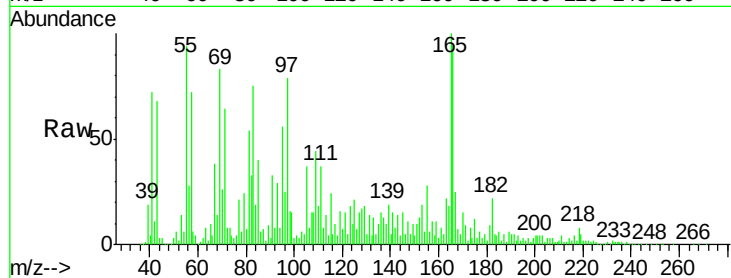
Tot Ion:166 Resp: 317151

Ion Ratio Lower Upper

166 100

165 106.7 78.4 117.6

167 27.1 11.1 16.7#



#60

4-Nitroaniline

Concen: 23.331 ng/ul

RT: 16.12 min Scan# 2157

Delta R.T. 0.04 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

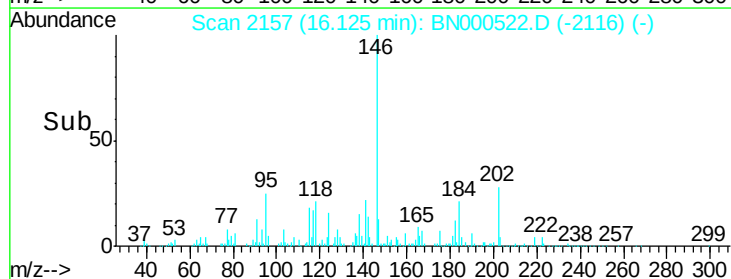
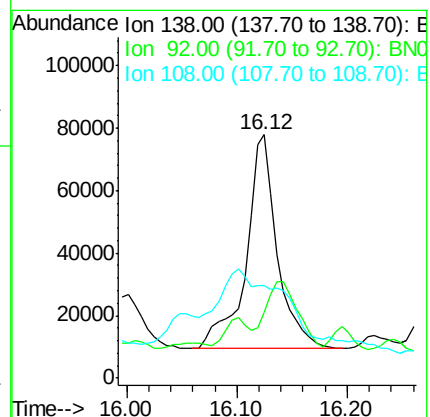
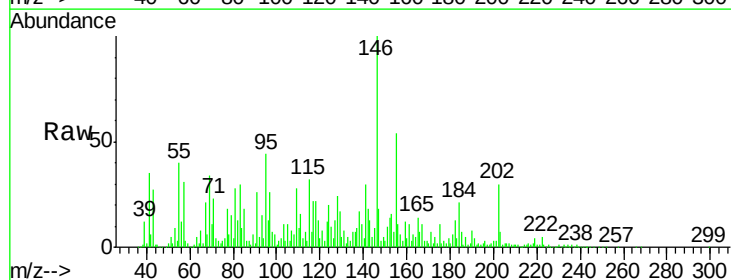
Tgt Ion:138 Resp: 134549

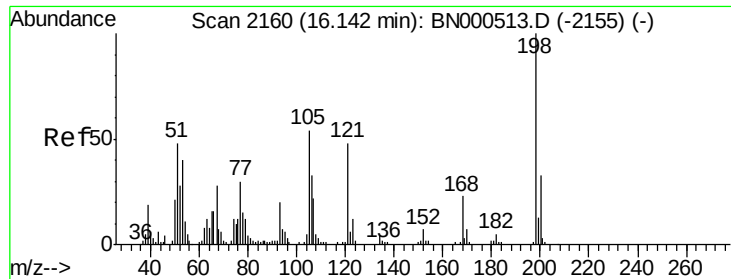
Ion Ratio Lower Upper

138 100

92 26.8 38.2 57.4#

108 38.0 70.0 105.0#

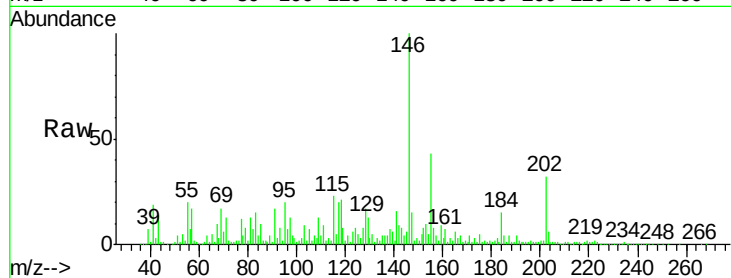




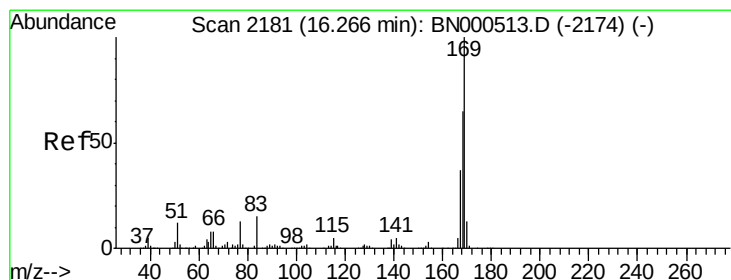
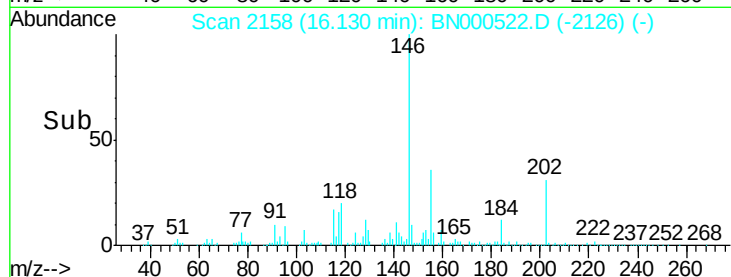
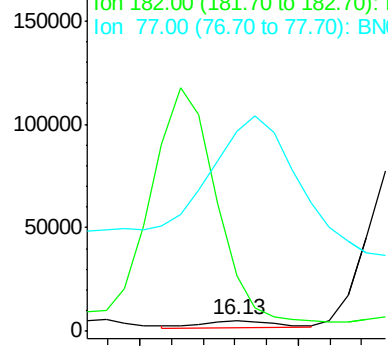
#63
 4,6-Dinitro-2-methylphenol
 Concen: 410.369 ng/ul
 RT: 16.13 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:198 Resp: 5404
 Ion Ratio Lower Upper
 198 100
 182 513.9 3.5 5.3#
 77 1863.8 18.2 27.4#

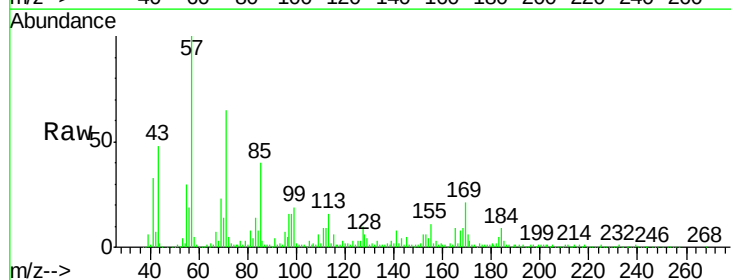


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

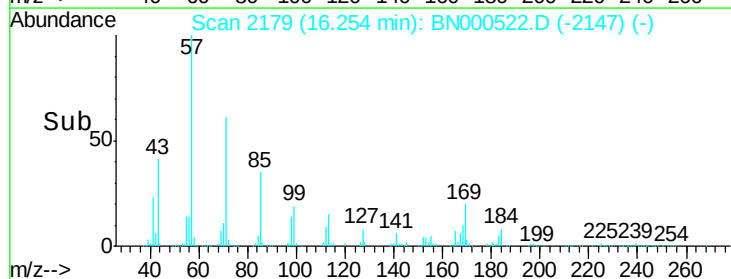
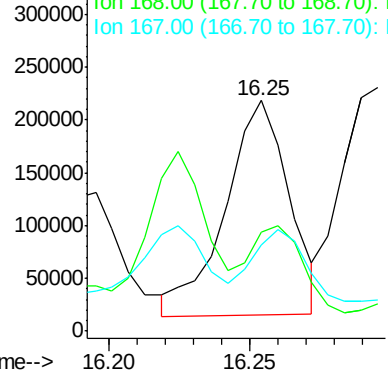


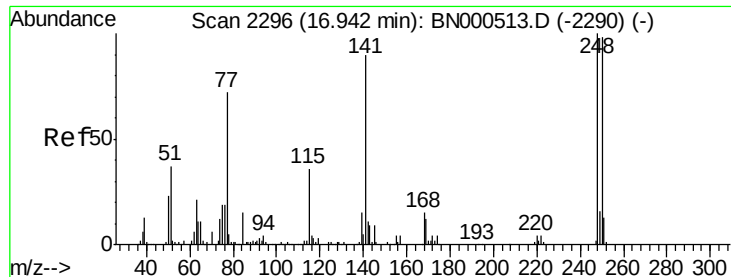
#64
 N-Nitrosodiphenylamine
 Concen: 4459.418 ng/ul
 RT: 16.25 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BN000522.D
 Acq: 21 Mar 2018 16:26

Tgt Ion:169 Resp: 319969
 Ion Ratio Lower Upper
 169 100
 168 42.9 53.8 80.8#
 167 37.6 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

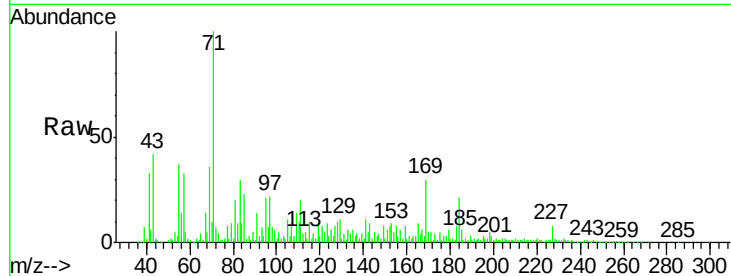




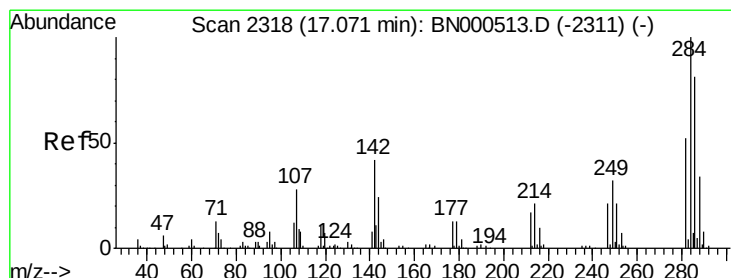
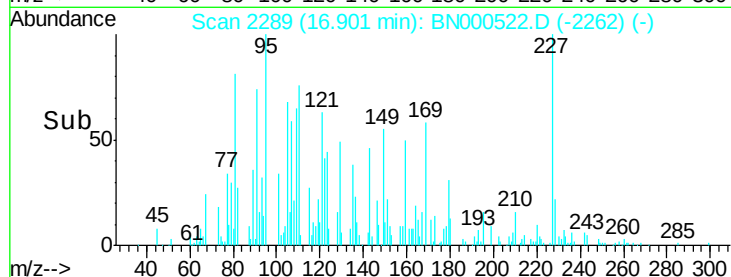
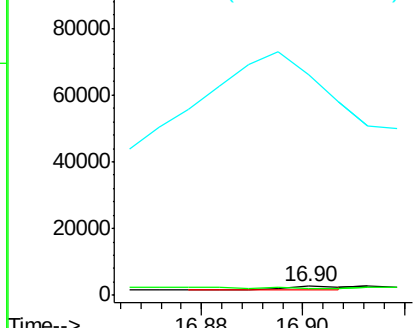
#65
4-Bromophenyl-phenylether
Concen: 46.396 ng/ul
RT: 16.90 min Scan# 2289
Delta R.T. -0.04 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 1030
Ion Ratio Lower Upper
248 100
250 80.1 79.0 118.4
141 2384.7 51.9 77.9#

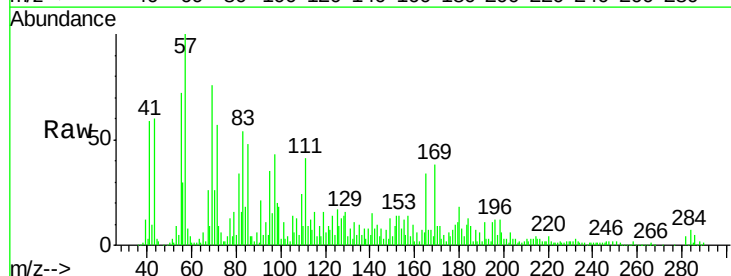


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

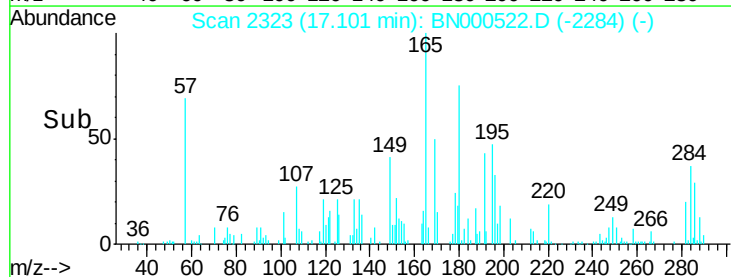
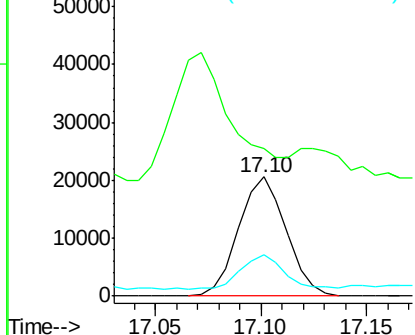


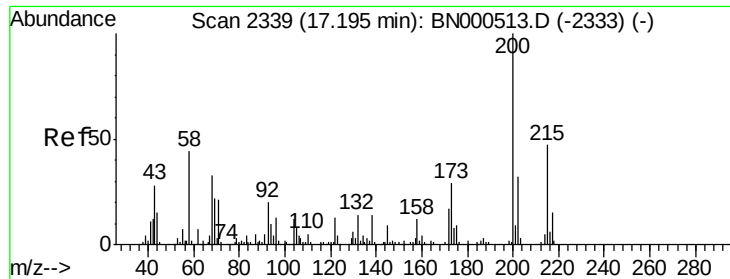
#66
Hexachlorobenzene
Concen: 1366.235 ng/ul
RT: 17.10 min Scan# 2323
Delta R.T. 0.03 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

Tgt Ion:284 Resp: 32026
Ion Ratio Lower Upper
284 100
142 124.0 21.3 31.9#
249 35.0 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: 59.518 ng/ul

RT: 17.19 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

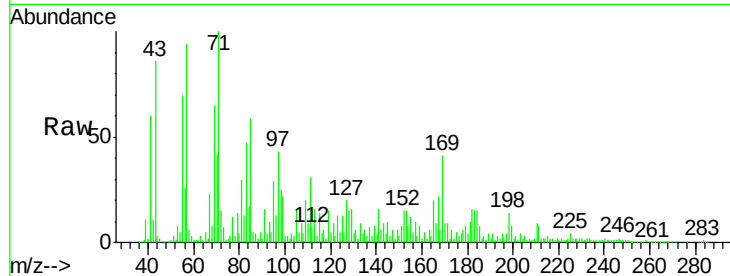
Tot Ion:200 Resp: 1288

Ion Ratio Lower Upper

200 100

173 286.9 20.6 31.0#

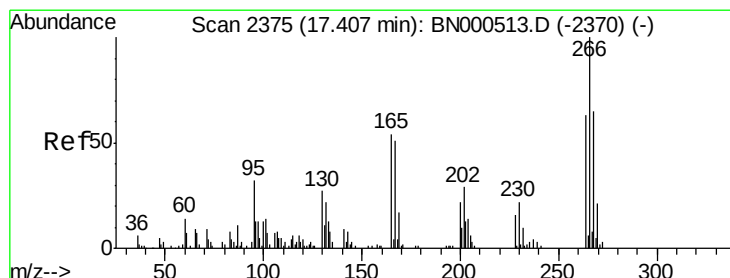
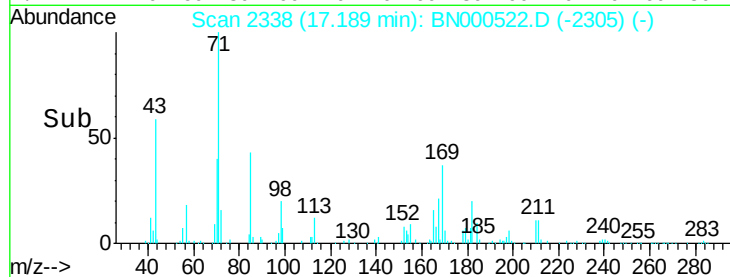
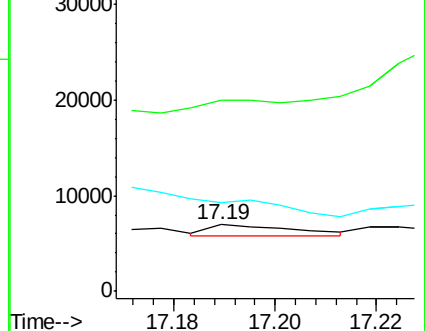
215 133.9 39.8 59.6#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 612741.584 ng/ul

RT: 17.48 min Scan# 2387

Delta R.T. 0.07 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

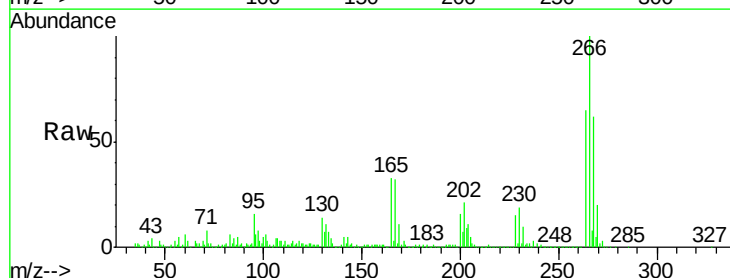
Tgt Ion:266 Resp: 7582835

Ion Ratio Lower Upper

266 100

264 64.9 48.2 72.4

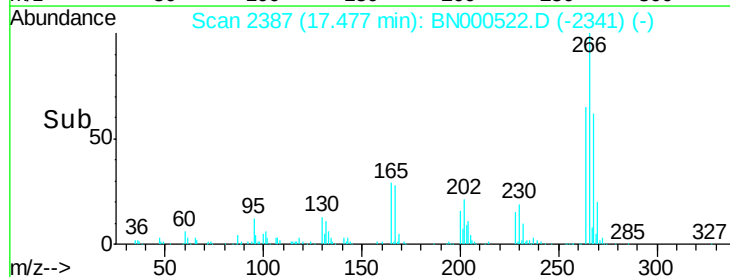
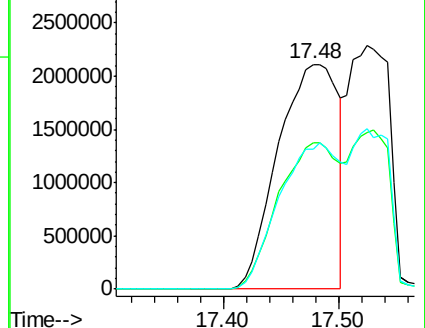
268 62.5 52.3 78.5

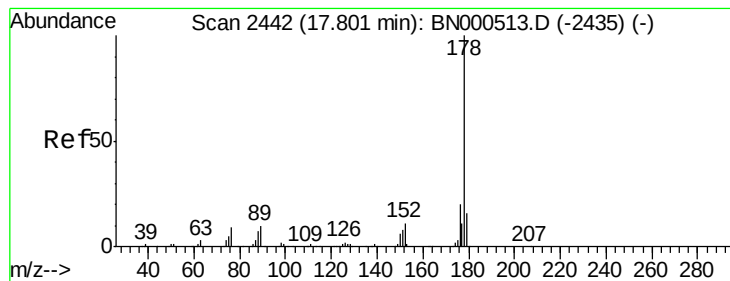


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 444.234 ng/ul

RT: 17.75 min Scan# 2434

Delta R.T. -0.05 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampled :

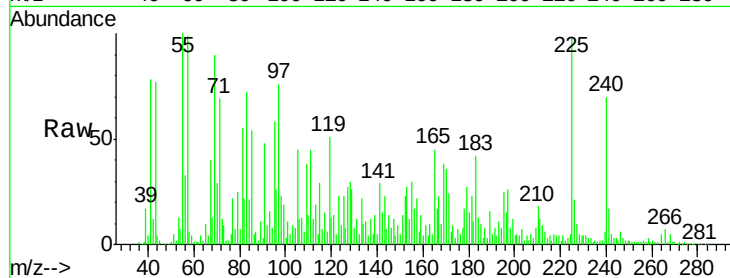
Tot Ion:178 Resp: 55740

Ion Ratio Lower Upper

178 100

179 159.1 12.3 18.5#

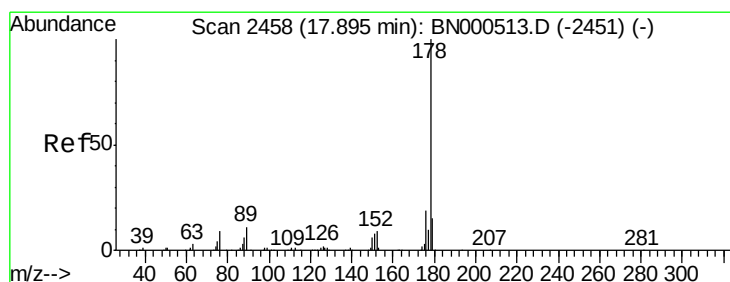
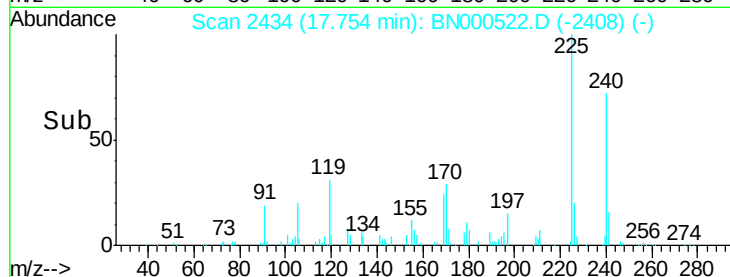
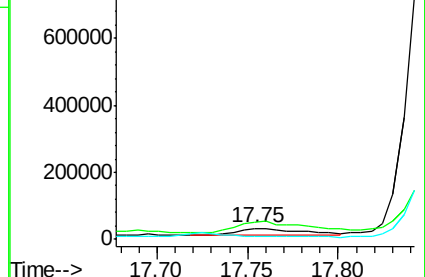
176 28.6 15.4 23.0#



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: 12069.914 ng/ul

RT: 17.85 min Scan# 2451

Delta R.T. -0.04 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

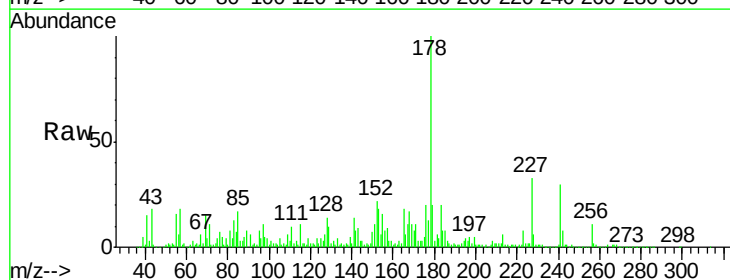
Tgt Ion:178 Resp: 1552889

Ion Ratio Lower Upper

178 100

179 19.7 13.4 20.2

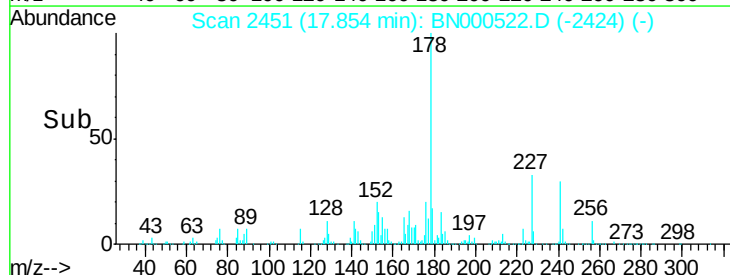
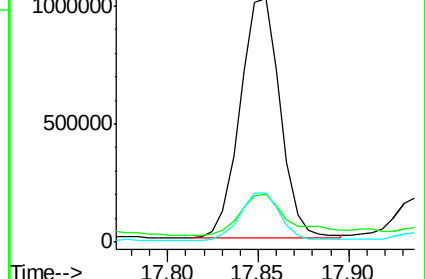
176 20.0 15.4 23.0

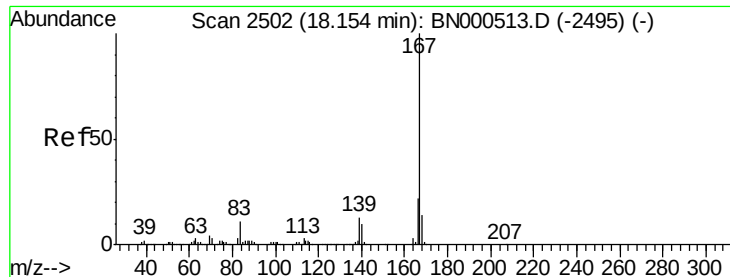


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 36.092 ng/ul

RT: 18.15 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

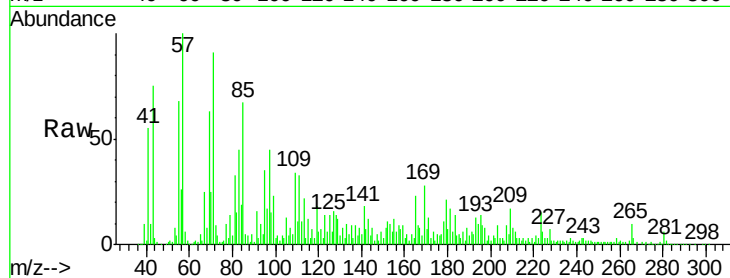
Tot Ion:167 Resp: 3982

Ion Ratio Lower Upper

167 100

166 100.3 17.0 25.4#

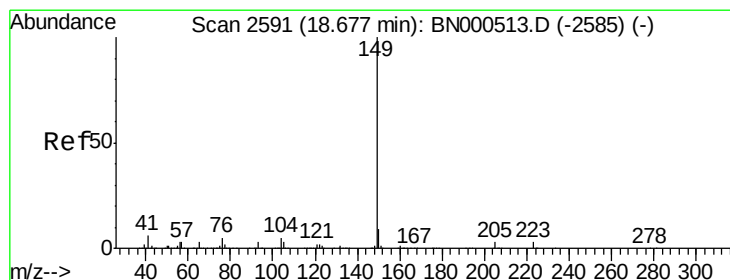
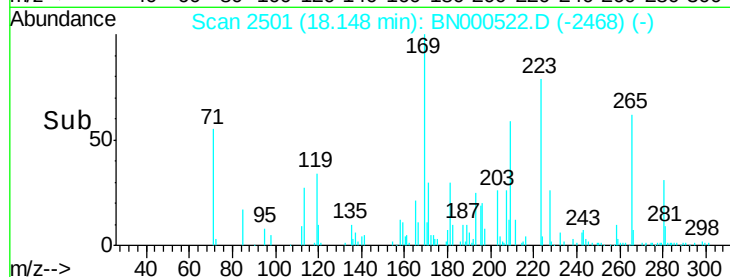
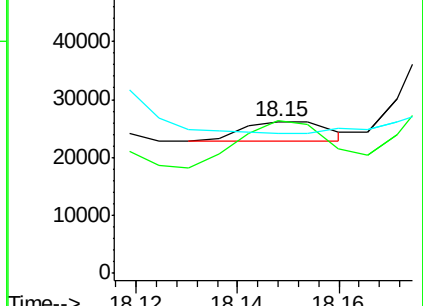
139 91.7 9.1 13.7#



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: 182.982 ng/ul

RT: 18.70 min Scan# 2595

Delta R.T. 0.02 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

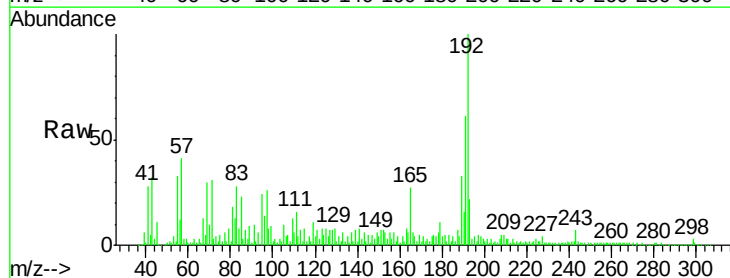
Tgt Ion:149 Resp: 27454

Ion Ratio Lower Upper

149 100

150 67.7 7.5 11.3#

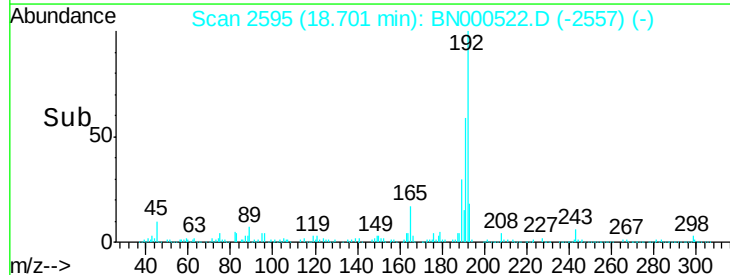
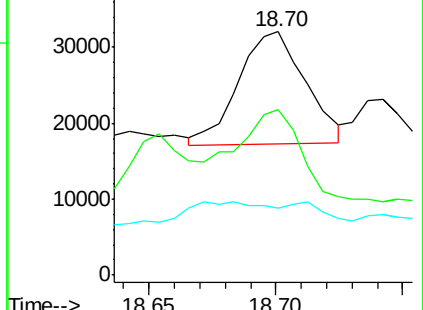
104 27.4 4.1 6.1#

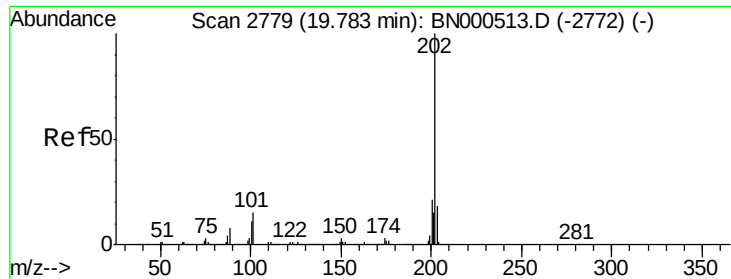


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 8583.575 ng/ul

RT: 19.81 min Scan# 2783

Delta R.T. 0.02 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

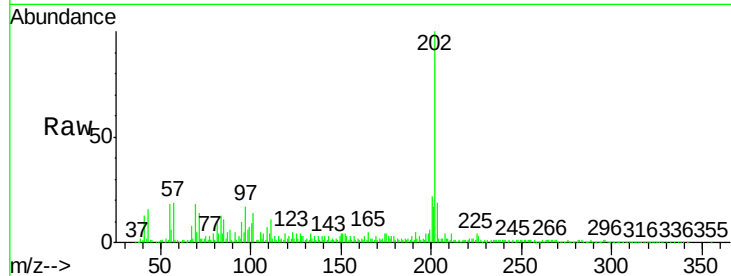
Tot Ion:202 Resp: 1070233

Ion Ratio Lower Upper

202 100

101 13.5 6.1 9.1#

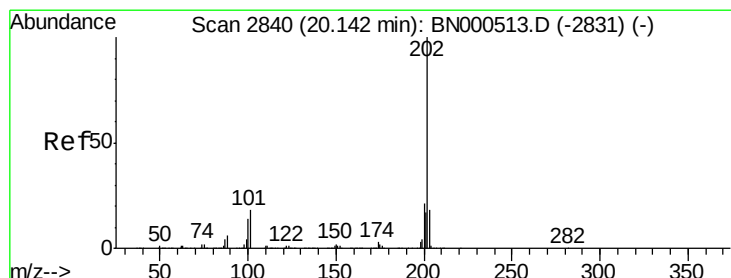
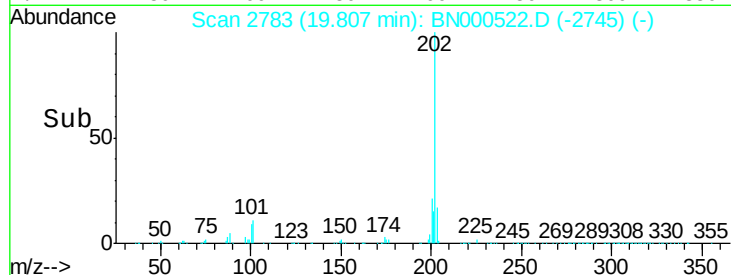
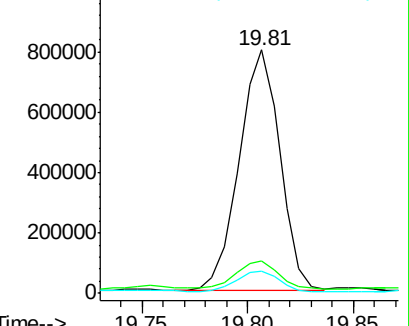
100 9.4 4.6 7.0#



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: 23.926 ng/ul

RT: 20.17 min Scan# 2844

Delta R.T. 0.02 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

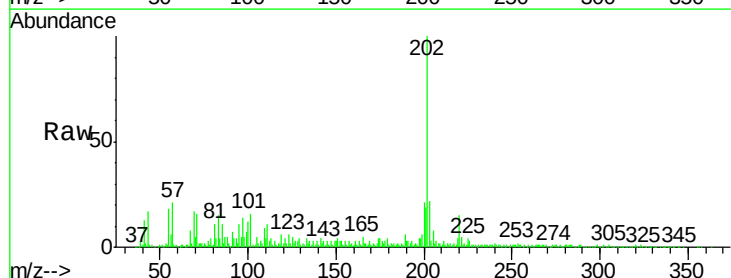
Tgt Ion:202 Resp: 938353

Ion Ratio Lower Upper

202 100

101 16.0 6.9 10.3#

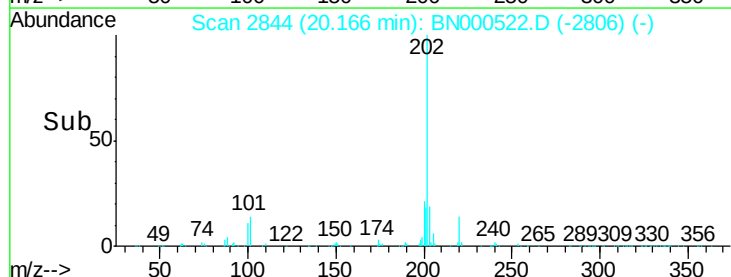
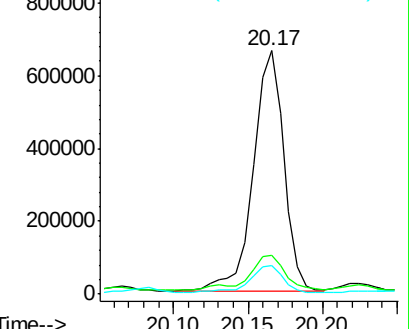
100 11.6 5.6 8.4#

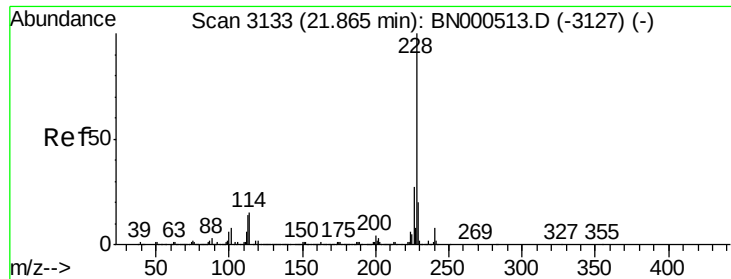


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 6.887 ng/ul

RT: 21.88 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

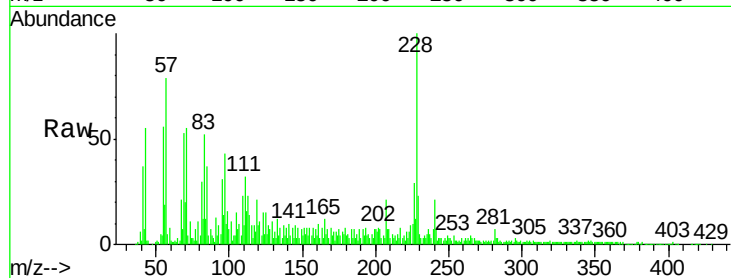
Tot Ion:228 Resp: 246406

Ion Ratio Lower Upper

228 100

229 22.9 16.0 24.0

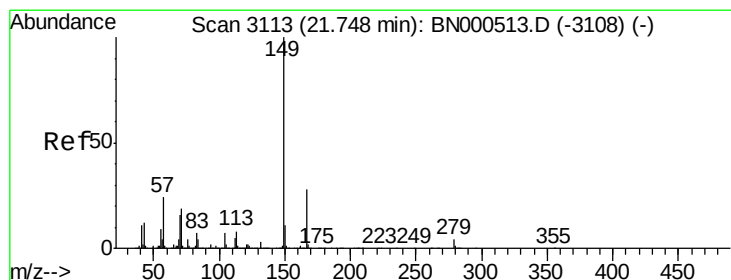
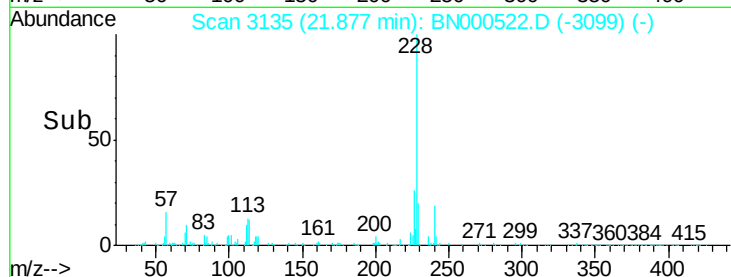
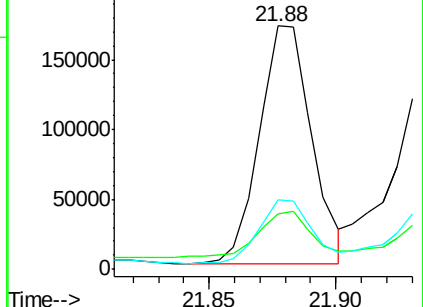
226 28.6 21.8 32.8



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: 21.406 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

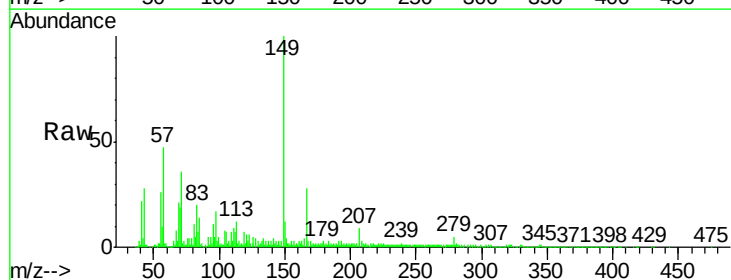
Tgt Ion:149 Resp: 605406

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.6

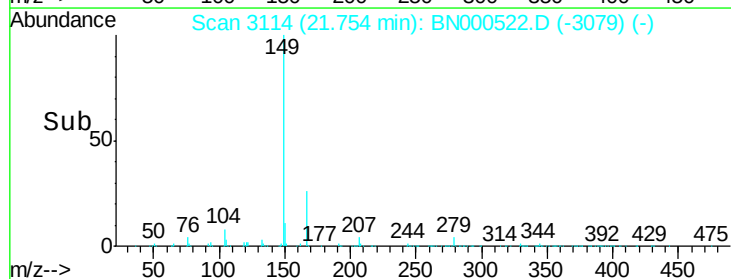
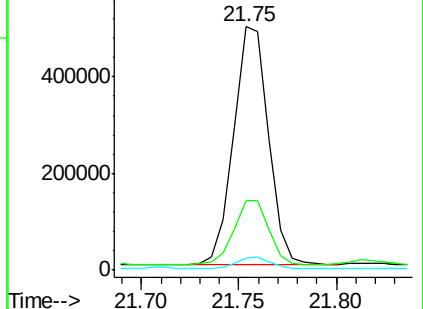
279 4.8 4.3 6.5

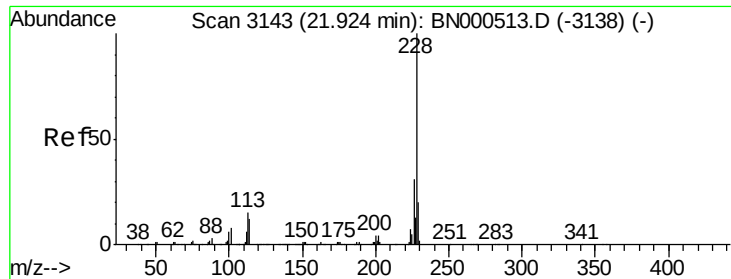


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 7.345 ng/ul

RT: 21.88 min Scan# 3135

Delta R.T. -0.05 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

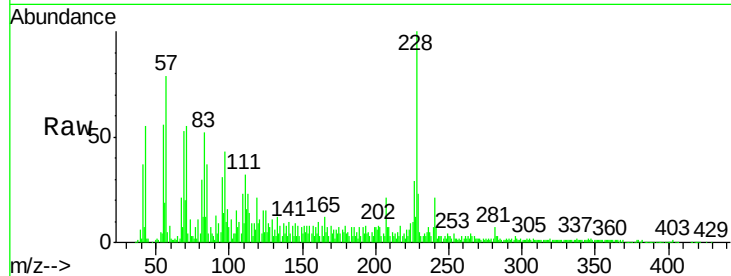
Tot Ion:228 Resp: 246343

Ion Ratio Lower Upper

228 100

226 28.6 24.1 36.1

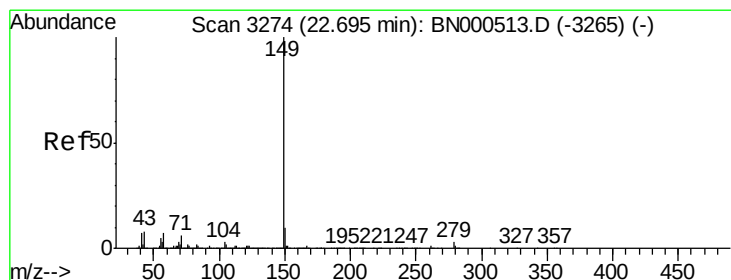
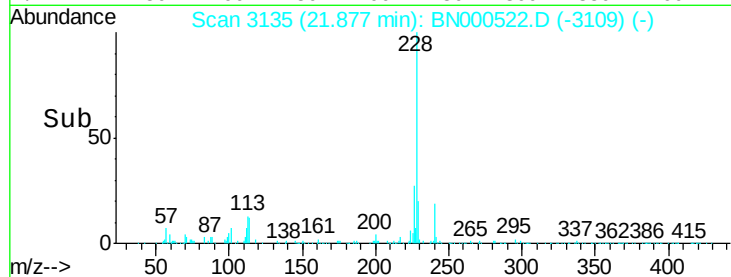
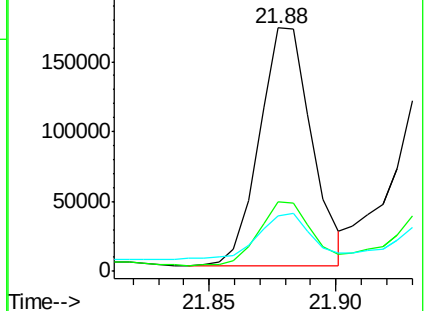
229 22.9 16.0 24.0



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: 13.957 ng/ul

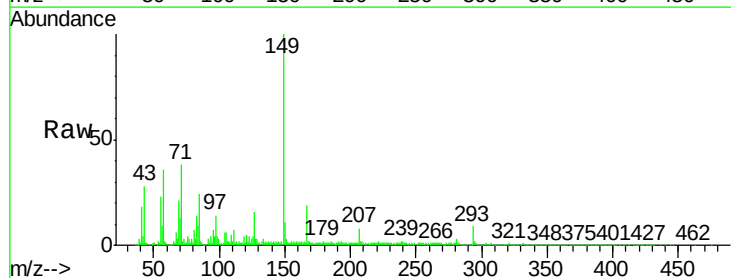
RT: 22.71 min Scan# 3277

Delta R.T. 0.02 min

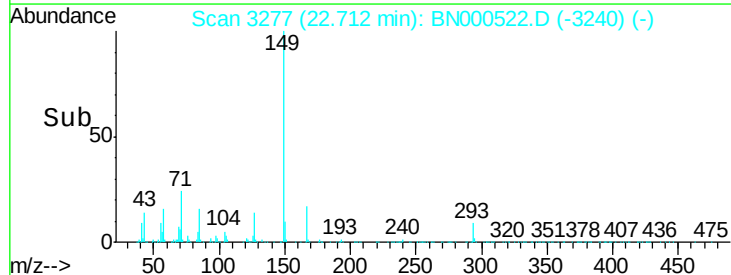
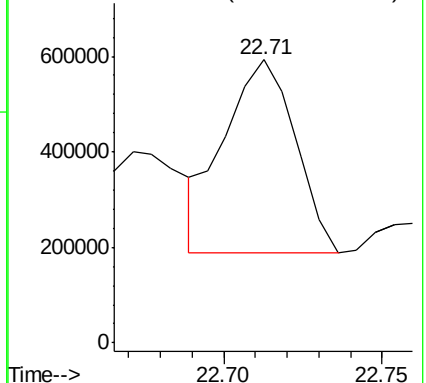
Lab File: BN000522.D

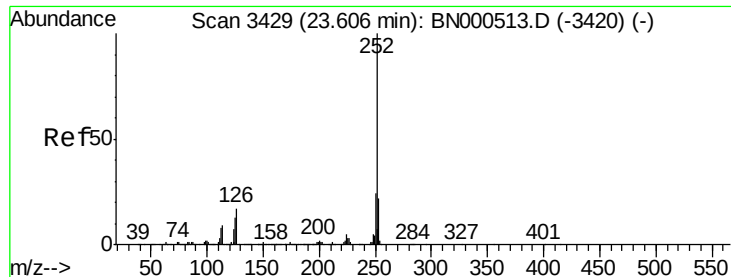
Acq: 21 Mar 2018 16:26

Tgt Ion:149 Resp: 625961



Abundance Ion 149.00 (148.70 to 149.70): E

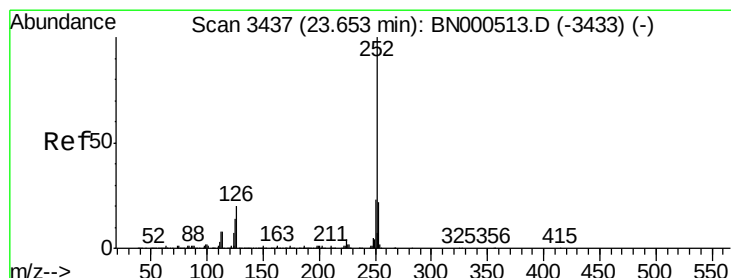
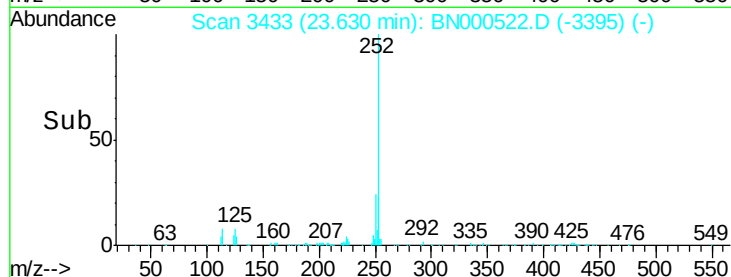
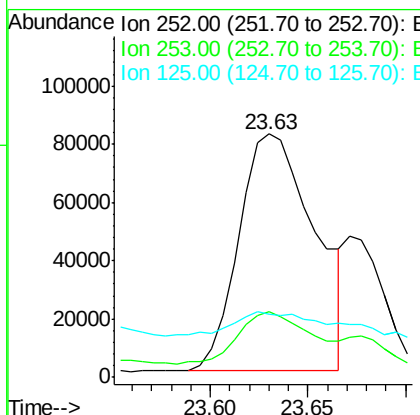
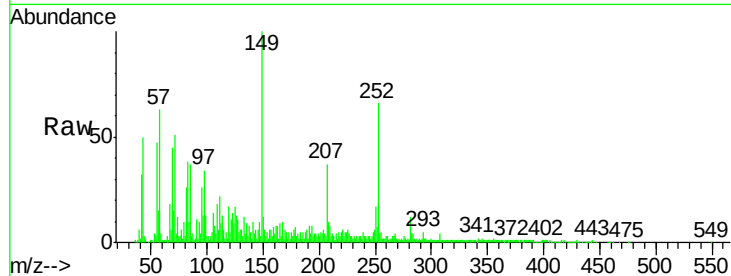




#85
Benzo(b)fluoranthene
Concen: 6.485 ng/ul
RT: 23.63 min Scan# 3433
Delta R.T. 0.02 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

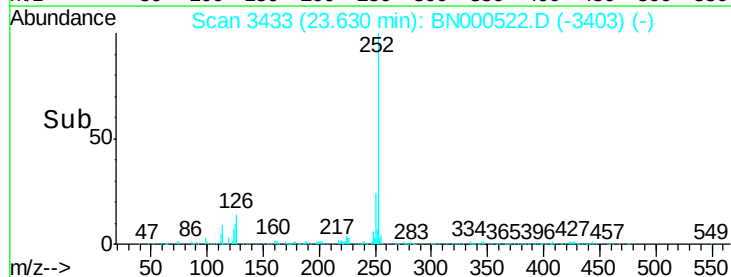
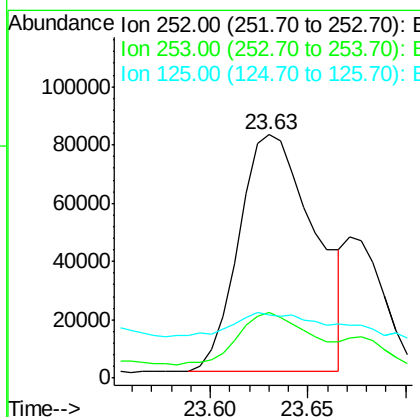
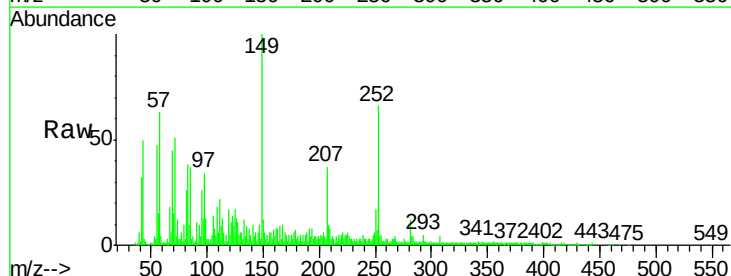
Instrument :
BNA_N
ClientSampleId :

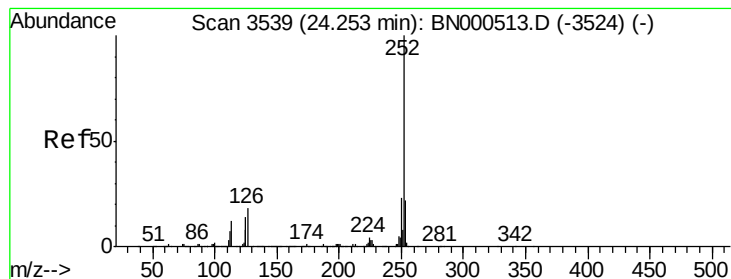
Tot Ion:252 Resp: 218324
Ion Ratio Lower Upper
252 100
253 26.9 17.4 26.0#
125 26.2 4.9 7.3#



#86
Benzo(k)fluoranthene
Concen: 6.717 ng/ul
RT: 23.63 min Scan# 3433
Delta R.T. -0.02 min
Lab File: BN000522.D
Acq: 21 Mar 2018 16:26

Tgt Ion:252 Resp: 218324
Ion Ratio Lower Upper
252 100
253 26.9 17.1 25.7#
125 26.2 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 4.533 ng/ul

RT: 24.28 min Scan# 3543

Delta R.T. 0.02 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampled :

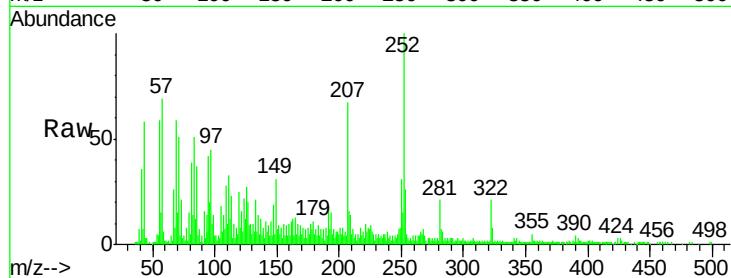
Tot Ion:252 Resp: 143629

Ion Ratio Lower Upper

252 100

253 26.1 17.2 25.8#

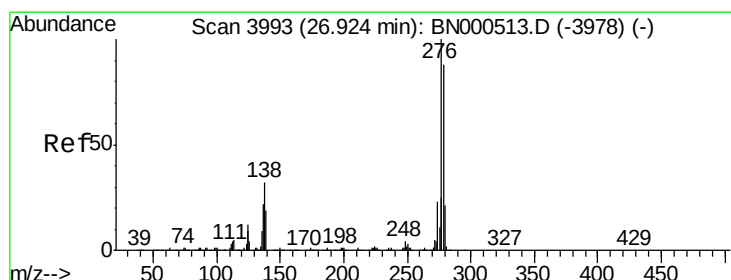
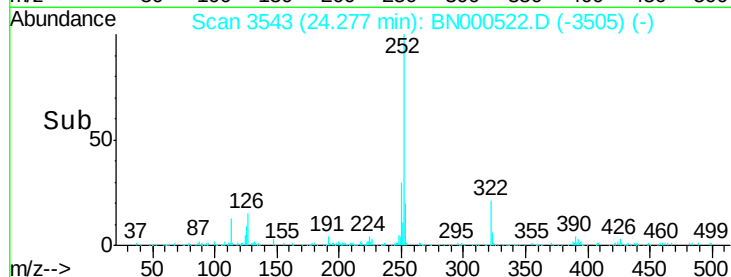
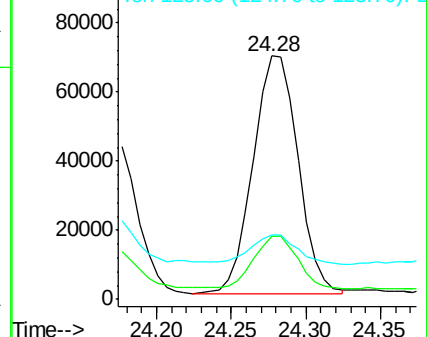
125 26.7 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.280 ng/ul

RT: 26.95 min Scan# 3998

Delta R.T. 0.03 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

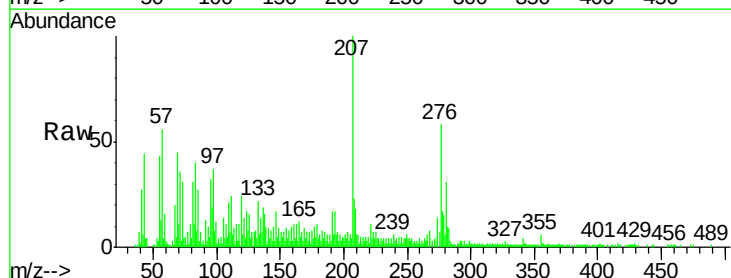
Tgt Ion:276 Resp: 77897

Ion Ratio Lower Upper

276 100

138 27.8 10.9 16.3#

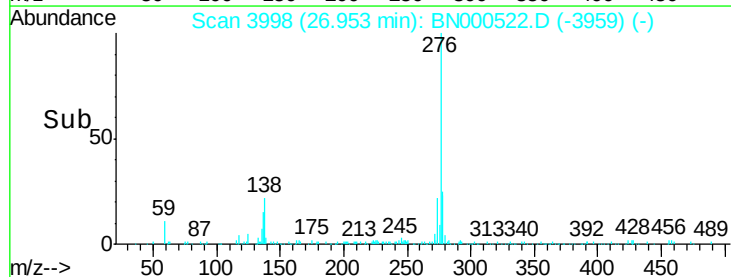
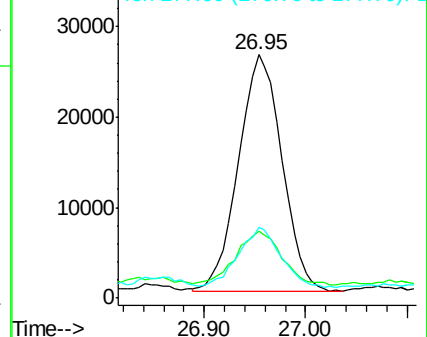
277 29.1 18.9 28.3#

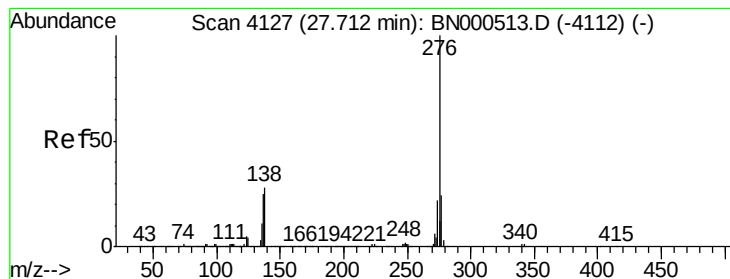


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.400 ng/ul

RT: 27.75 min Scan# 4133

Delta R.T. 0.04 min

Lab File: BN000522.D

Acq: 21 Mar 2018 16:26

Instrument :

BNA_N

ClientSampleId :

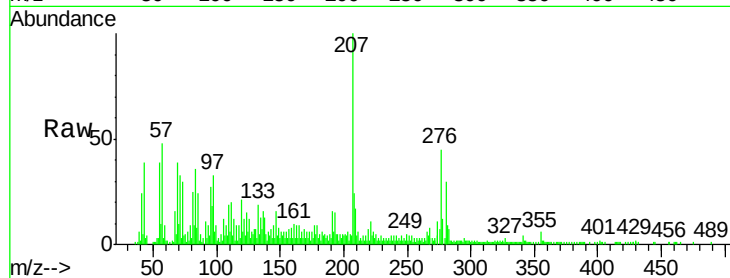
Tot Ion: 276 Resp: 68150

Ion Ratio Lower Upper

276 100

138 28.6 11.2 16.8#

277 26.7 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

