

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:36:29 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	228766	20.00	ng/ul	0.01
18) Naphthalene-d8	11.27	136	835351	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	399896	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.78	188	3407	20.00	ng/ul	0.02
75) Chrysene-d12	21.90	240	613903	20.00	ng/ul	0.01
83) Perylene-d12	24.38	264	658436	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	27298	4.26	ng/uL	0.00
5) Phenol-d5	7.59	99	145967	6.84	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.73	67	180408	14.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	179316	11.11	ng/ul	0.02
13) 4-Methylphenol-d8	9.15	113	150438	9.05	ng/ul	0.03
19) Nitrobenzene-d5	9.61	128	95727	14.11	ng/ul	0.01
22) 2-Nitrophenol-d4	10.34	143	88644	12.61	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.90	165	174031	13.81	ng/ul	0.04
29) 4-Chloroaniline-d4	11.37	131	215497	16.66	ng/ul	-0.01
43) Dimethylphthalate-d6	14.44	166	413555	13.09	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	544409	13.06	ng/ul	0.02
51) 4-Nitrophenol-d4	15.25	143	74189	12.65	ng/ul	0.04
57) Fluorene-d10	16.04	176	342444	12.72	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.12	200	8249	422.76	ng/ul	0.00
70) Anthracene-d10	17.91	188	404073	2467.43	ng/ul	0.05
76) Pyrene-d10	20.14	212	422587	12.47	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.22	264	376258	12.11	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	7.54	77	122441	14.071	ng/ul#	1
6) Phenol	7.62	94	116065	5.330	ng/ul#	32
14) Acetophenone	9.39	105	235655	9.536	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.22	70	58854	4.553	ng/ul#	83
17) Hexachloroethane	9.54	117	242802	35.319	ng/ul#	1
20) Nitrobenzene	9.63	77	47283	2.823	ng/ul#	46
21) Isophorone	10.18	82	749591	23.479	ng/ul#	63
23) 2-Nitrophenol	10.36	139	22185	2.935	ng/ul#	1
24) 2,4-Dimethylphenol	10.47	107	117616	7.223	ng/ul#	56
25) Bis(2-Chloroethoxy)methane	10.68	93	26877	1.333	ng/ul#	1
28) Naphthalene	11.32	128	637988	14.543	ng/ul#	91
30) 4-Chloroaniline	11.45	127	16670	1.270	ng/ul#	9
32) Caprolactam	12.19	113	6003	1.343	ng/ul#	1
34) 2-Methylnaphthalene	12.91	142	1458435	49.797	ng/ul	100
38) 2,4,6-Trichlorophenol	13.51	196	41777	5.126	ng/ul	99
39) 2,4,5-Trichlorophenol	13.60	196	61028	7.182	ng/ul	99
40) 1,1'-Biphenyl	13.88	154	139787	4.106	ng/ul#	75
44) Dimethylphthalate	14.48	163	57000	1.824	ng/ul#	56
45) 2,6-Dinitrotoluene	14.65	165	32497	5.160	ng/ul#	65
47) Acenaphthylene	14.78	152	54227	1.328	ng/ul#	1
48) 3-Nitroaniline	14.95	138	8842	1.454	ng/ul#	34
49) Acenaphthene	15.12	153	200910	7.217	ng/ul#	88
50) 2,4-Dinitrophenol	15.17	184	65881	22.175	ng/ul#	1

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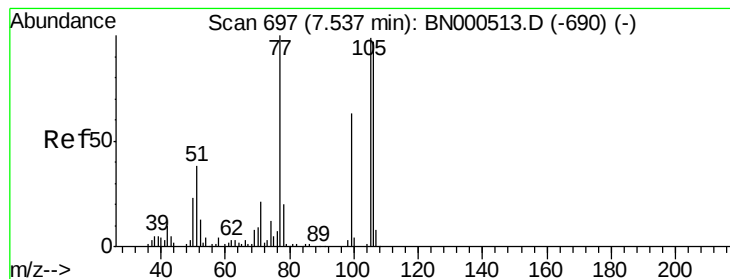
Instrument :
 BNA_N
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) 4-Nitrophenol	15.21	109	85789	18.924	ng/ul#	13
53) Dibenzofuran	15.60	168	98564	2.607	ng/ul	96
54) 2,4-Dinitrotoluene	15.39	165	9151	1.025	ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	15.71	232	4841034	746.071	ng/ul#	75
58) Fluorene	16.10	166	285124	9.489	ng/ul#	90
60) 4-Nitroaniline	16.12	138	134575	19.702	ng/ul#	63
63) 4,6-Dinitro-2-methylphenol	16.18	198	434223	21079.396	ng/ul#	99
64) N-Nitrosodiphenylamine	16.29	169	261347	2328.486	ng/ul#	41
65) 4-Bromophenyl-phenylether	16.90	248	874	25.168	ng/ul#	1
66) Hexachlorobenzene	17.10	284	20218	551.374	ng/ul#	1
67) Atrazine	17.22	200	1534	45.315	ng/ul#	1
68) Pentachlorophenol	17.49	266	10098866	521679.896	ng/ul	96
69) Phenanthrene	17.87	178	2000066	10190.016	ng/ul	96
71) Anthracene	17.87	178	2000066	9937.882	ng/ul	97
72) Carbazole	18.20	167	188397	1091.616	ng/ul#	68
73) Di-n-butylphthalate	18.70	149	23386	99.643	ng/ul#	1
74) Fluoranthene	19.81	202	1923863	9863.925	ng/ul#	85
77) Pyrene	20.17	202	1754358	39.126	ng/ul#	81
80) Benzo(a)anthracene	21.88	228	322597	7.887	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.75	149	153038	4.733	ng/ul	91
82) Chrysene	21.88	228	323000	8.423	ng/ul	96
84) Di-n-octyl phthalate	22.71	149	97648	1.762	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	213485	5.131	ng/ul#	75
88) Benzo(a)pyrene	24.27	252	132651	3.388	ng/ul#	72
89) Indeno(1,2,3-cd)pyrene	26.95	276	56924	1.348	ng/ul#	75
91) Benzo(g,h,i)perylene	27.74	276	49431	1.409	ng/ul#	67

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



#4

Benzaldehyde

Concen: 14.071 ng/ul

RT: 7.54 min Scan# 698

Delta R.T. 0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampled :

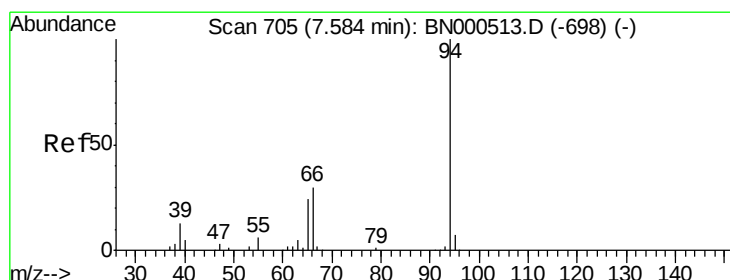
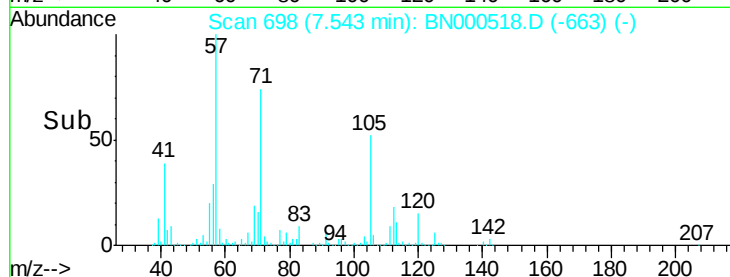
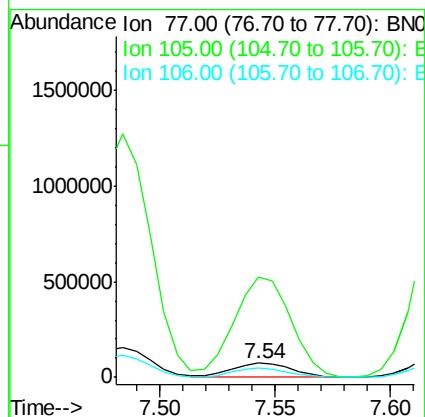
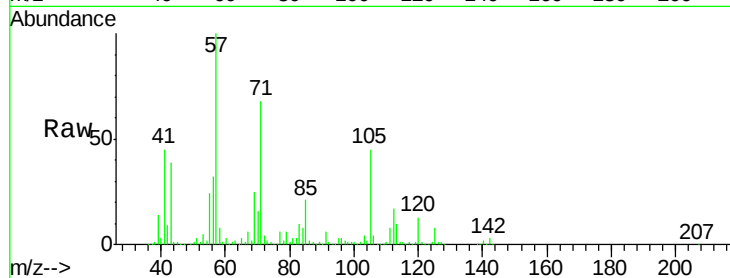
Tot Ion: 77 Resp: 122441

Ion Ratio Lower Upper

77 100

105 701.6 71.0 106.6#

106 62.4 69.5 104.3#



#6

Phenol

Concen: 5.330 ng/ul

RT: 7.62 min Scan# 711

Delta R.T. 0.04 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

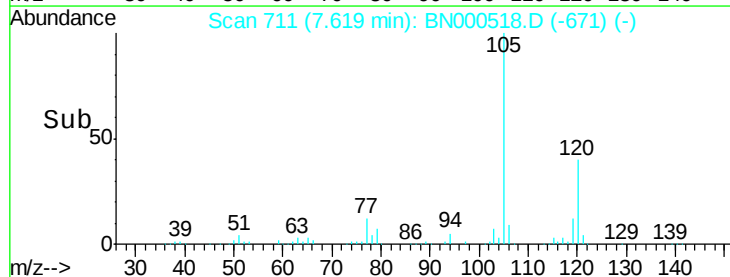
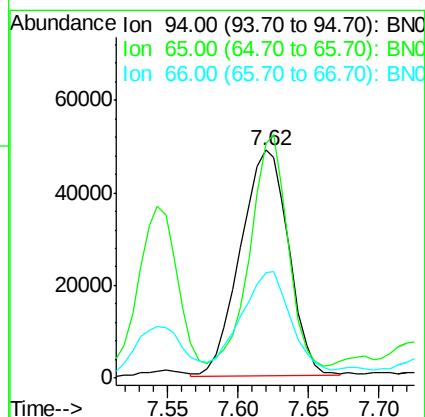
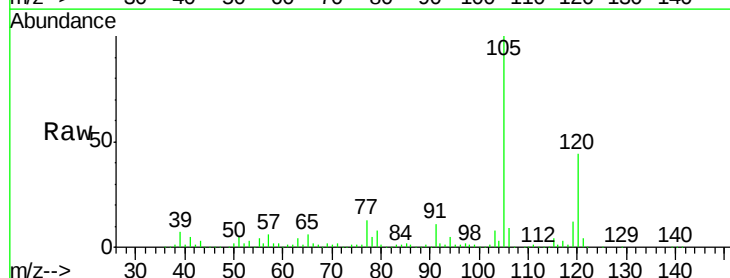
Tgt Ion: 94 Resp: 116065

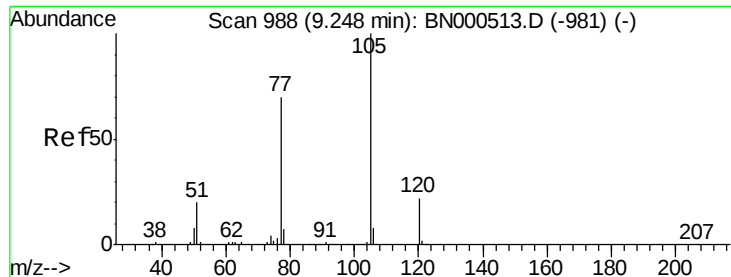
Ion Ratio Lower Upper

94 100

65 103.0 23.0 34.6#

66 46.5 30.4 45.6#





#14

Acetophenone

Concen: 9.536 ng/ul

RT: 9.39 min Scan# 1012

Delta R.T. 0.14 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

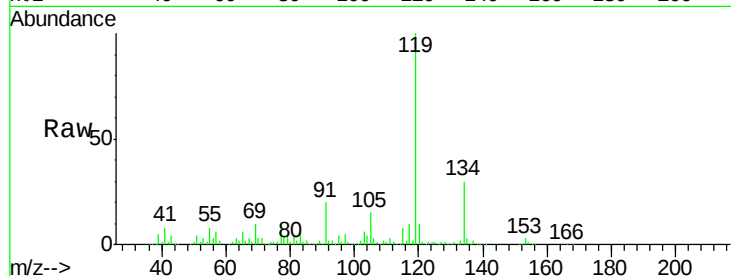
Tot Ion:105 Resp: 235655

Ion Ratio Lower Upper

105 100

77 70.0 63.2 94.8

51 27.9 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

200000

150000

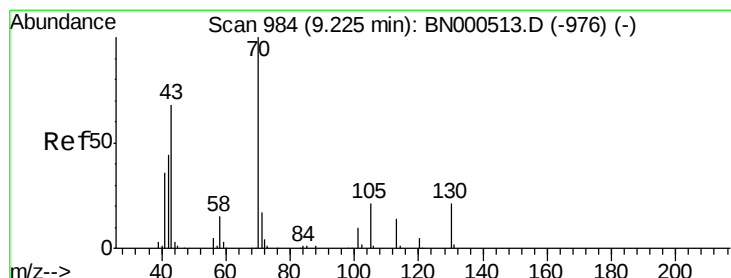
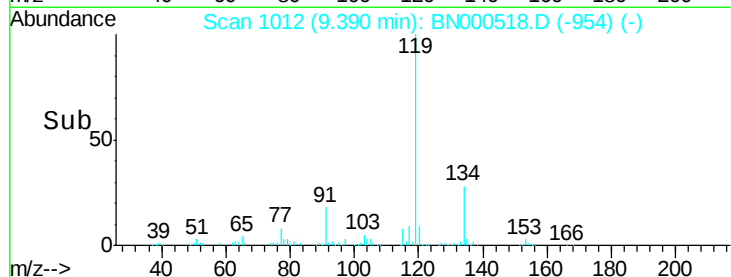
100000

50000

0

9.30 9.35 9.40

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 4.553 ng/ul

RT: 9.22 min Scan# 983

Delta R.T. -0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Tgt Ion: 70 Resp: 58854

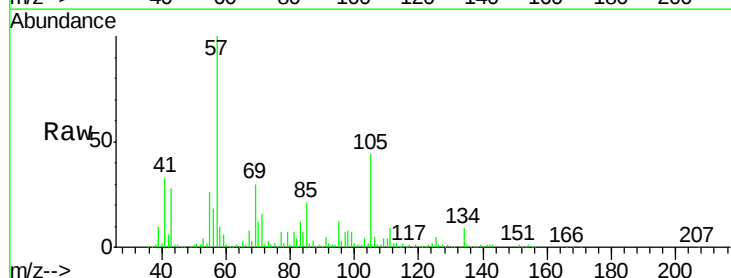
Ion Ratio Lower Upper

70 100

42 54.5 40.2 60.4

101 5.0 7.7 11.5#

130 0.9 17.8 26.6#



Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

200000

150000

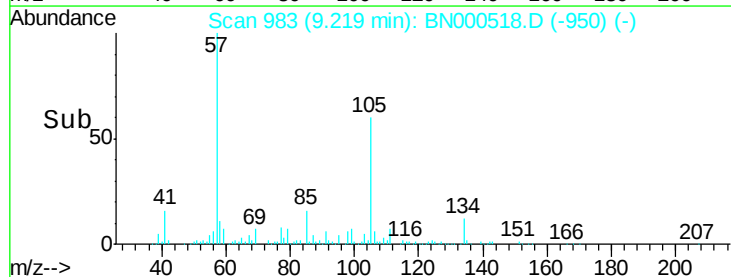
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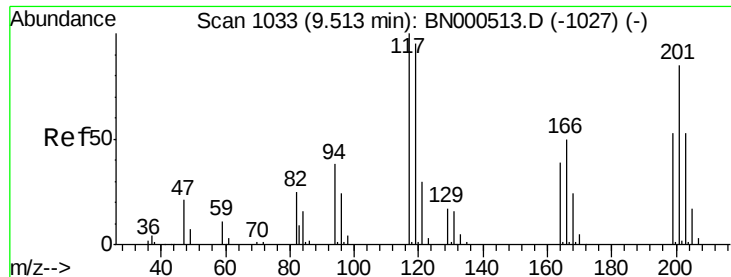
50000

0

9.20 9.22 9.24 9.26

Time-->





#17

Hexachloroethane

Concen: 35.319 ng/ul

RT: 9.54 min Scan# 1038

Delta R.T. 0.03 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampled :

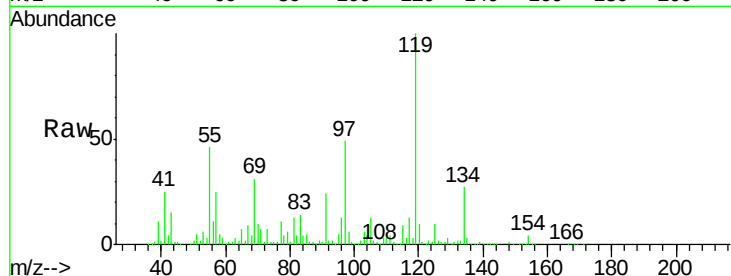
Tot Ion:117 Resp: 242802

Ion Ratio Lower Upper

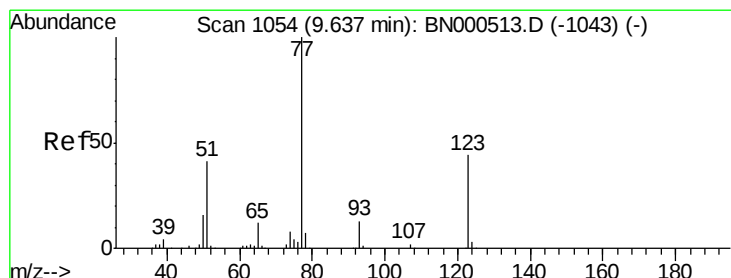
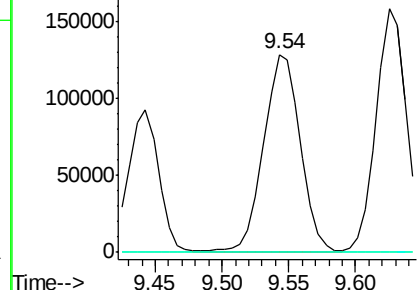
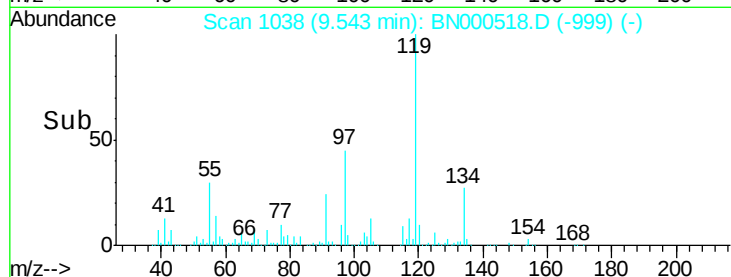
117 100

201 0.0 96.1 144.1#

199 0.0 59.7 89.5#



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



#20

Nitrobenzene

Concen: 2.823 ng/ul

RT: 9.63 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

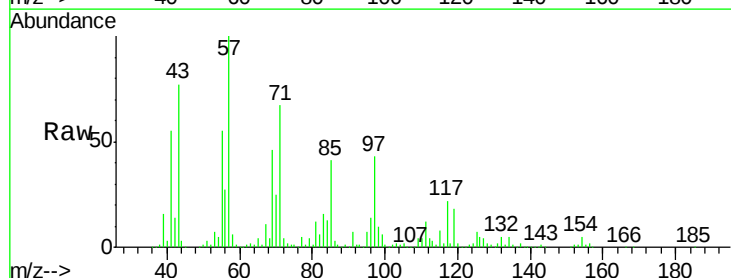
Tgt Ion: 77 Resp: 47283

Ion Ratio Lower Upper

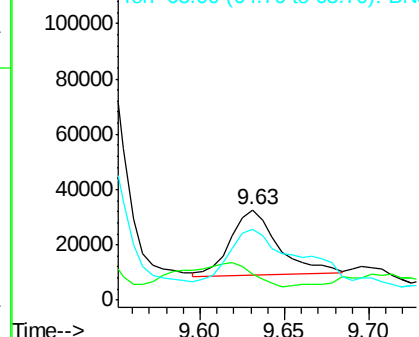
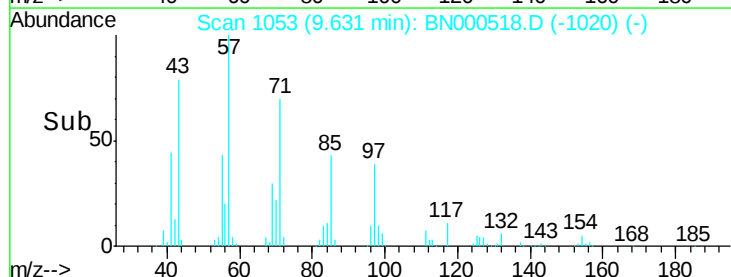
77 100

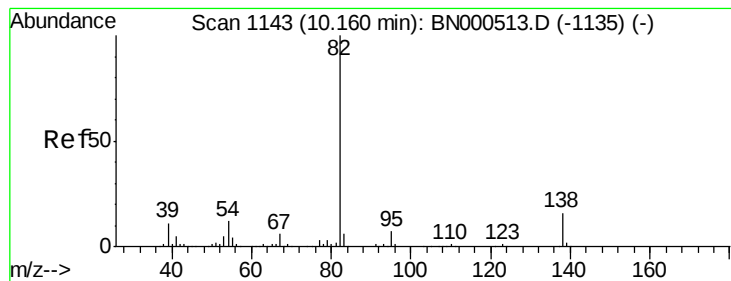
123 28.6 31.8 47.8#

65 78.0 10.6 16.0#



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





#21

Isophorone

Concen: 23.479 ng/ul

RT: 10.18 min Scan# 1146

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampled :

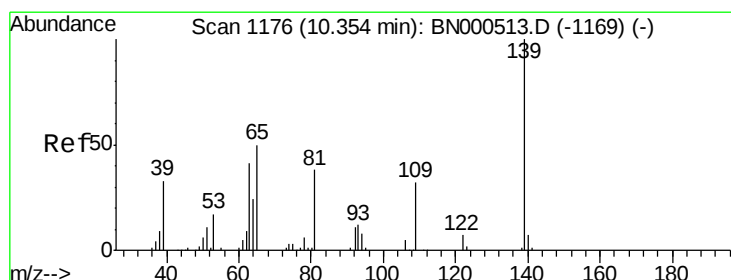
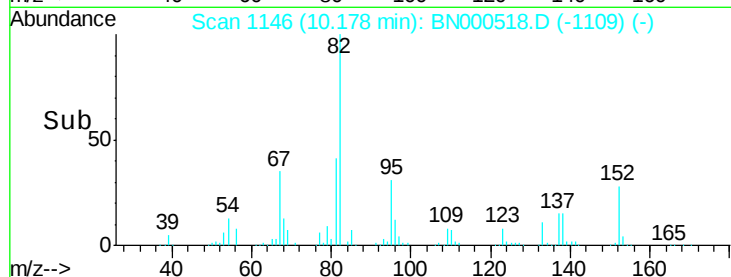
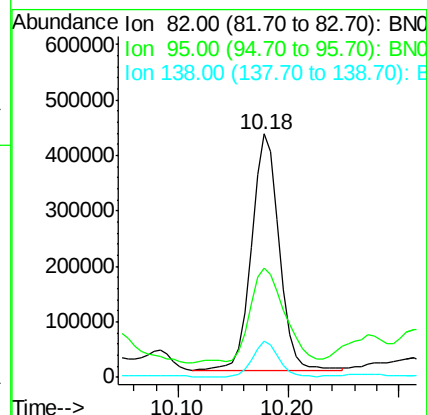
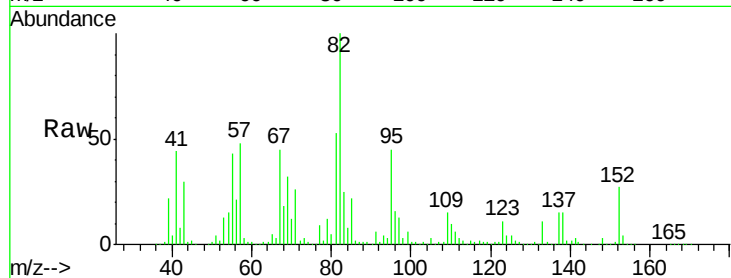
Tot Ion: 82 Resp: 749591

Ion Ratio Lower Upper

82 100

95 45.0 6.1 9.1#

138 14.8 13.5 20.3



#23

2-Nitrophenol

Concen: 2.935 ng/ul

RT: 10.36 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

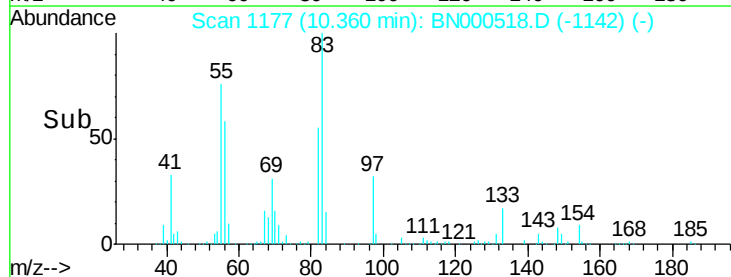
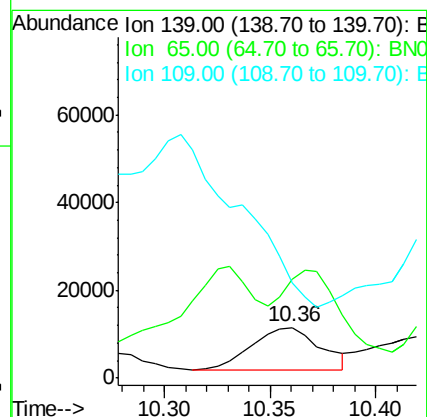
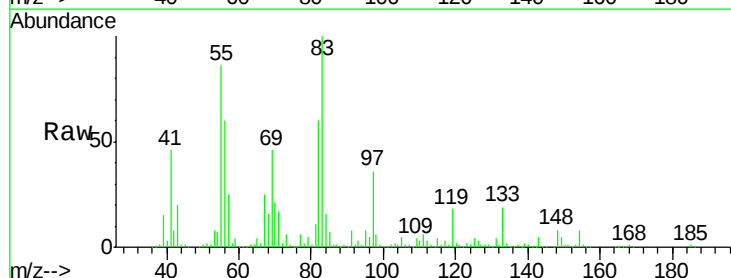
Tgt Ion: 139 Resp: 22185

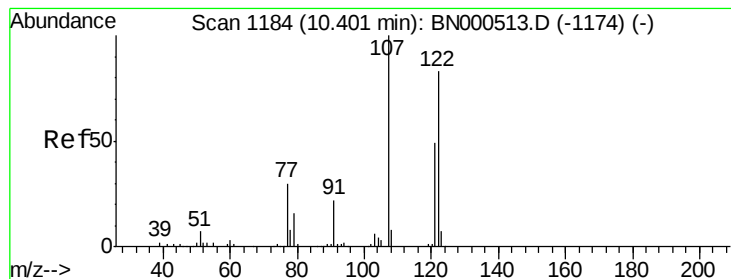
Ion Ratio Lower Upper

139 100

65 195.4 45.3 67.9#

109 188.3 27.7 41.5#





#24

2,4-Dimethylphenol

Concen: 7.223 ng/ul

RT: 10.47 min Scan# 1195

Delta R.T. 0.07 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampled :

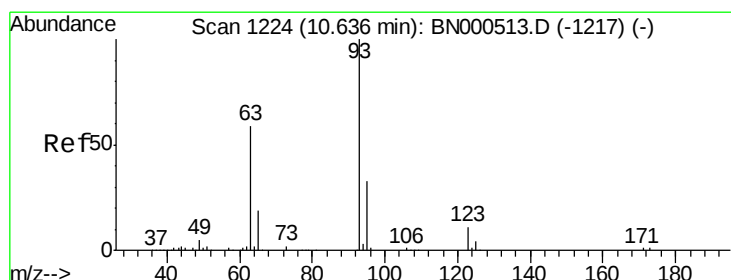
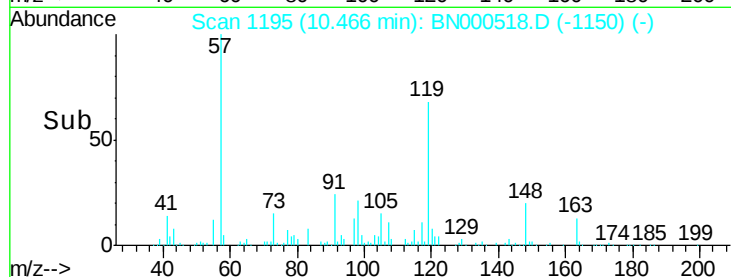
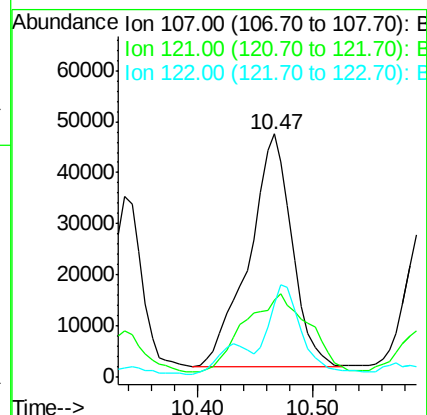
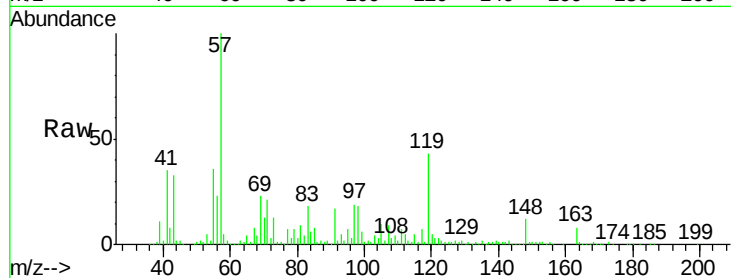
Tot Ion: 107 Resp: 117616

Ion Ratio Lower Upper

107 100

121 31.7 38.1 57.1#

122 30.2 63.8 95.8#



#25

Bis(2-Chloroethoxy)methane

Concen: 1.333 ng/ul

RT: 10.68 min Scan# 1231

Delta R.T. 0.04 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

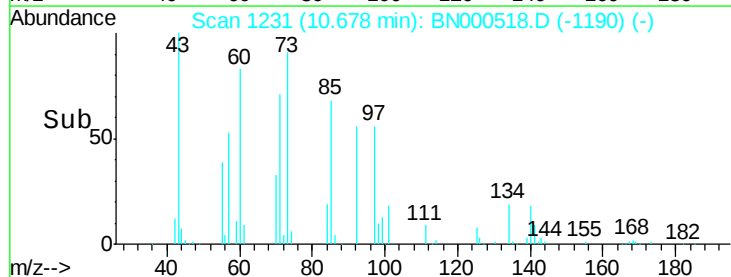
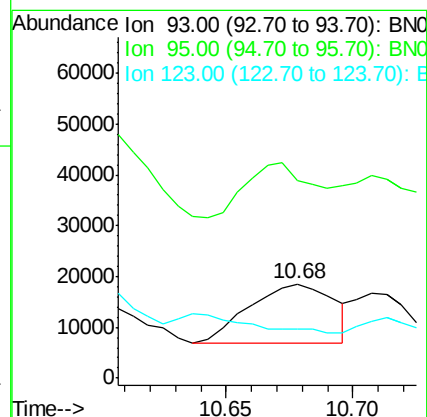
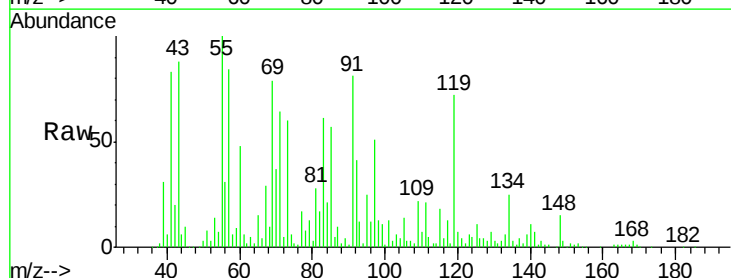
Tgt Ion: 93 Resp: 26877

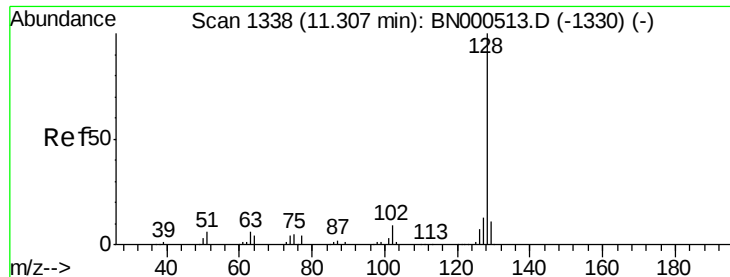
Ion Ratio Lower Upper

93 100

95 208.8 24.7 37.1#

123 52.4 8.2 12.2#

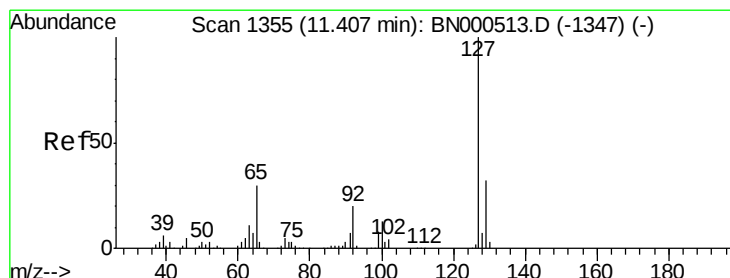
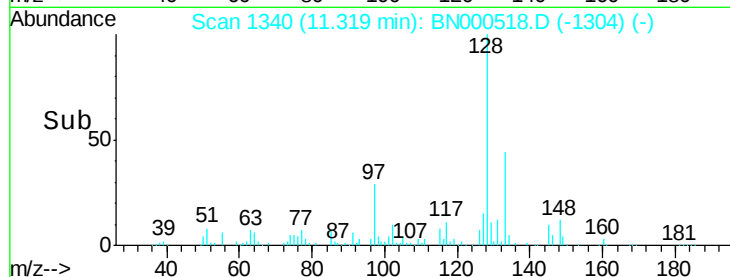
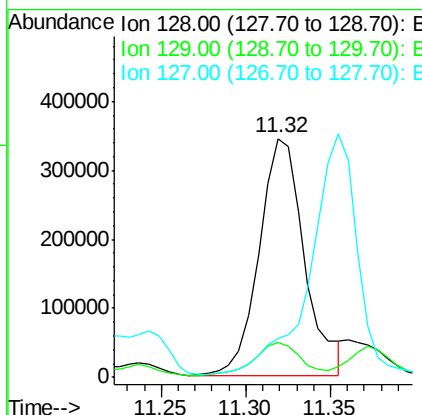
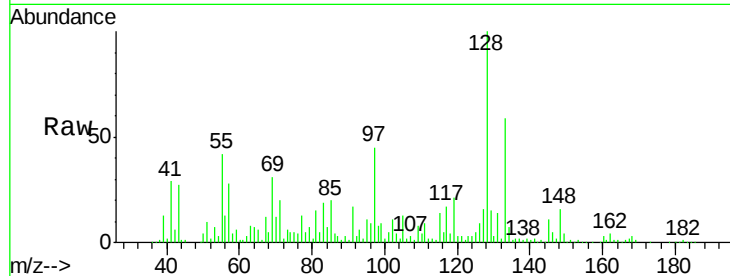




#28
Naphthalene
Concen: 14.543 ng/ul
RT: 11.32 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BN000518.D
Acq: 21 Mar 2018 14:09

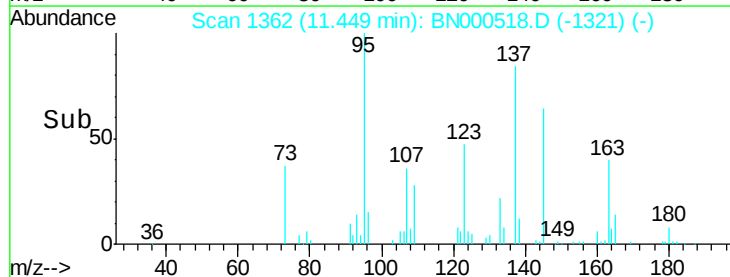
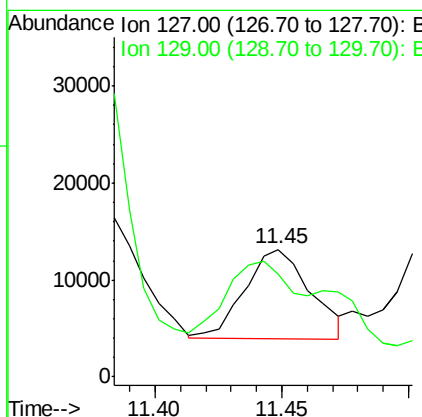
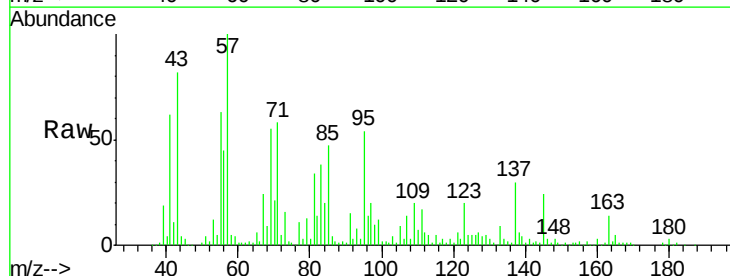
Instrument :
BNA_N
ClientSampleId :

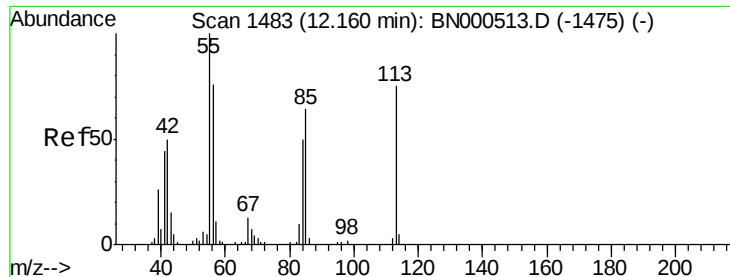
Tot Ion:128 Resp: 637988
Ion Ratio Lower Upper
128 100
129 14.7 8.3 12.5#
127 16.3 10.8 16.2#



#30
4-Chloroaniline
Concen: 1.270 ng/ul
RT: 11.45 min Scan# 1362
Delta R.T. 0.04 min
Lab File: BN000518.D
Acq: 21 Mar 2018 14:09

Tgt Ion:127 Resp: 16670
Ion Ratio Lower Upper
127 100
129 80.9 24.6 37.0#





#32

Caprolactam

Concen: 1.343 ng/ul

RT: 12.19 min Scan# 1488

Delta R.T. 0.03 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

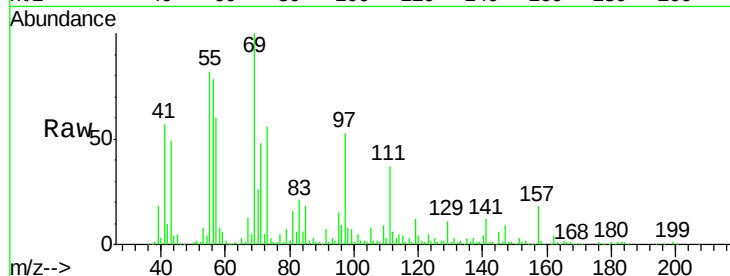
Tot Ion:113 Resp: 6003

Ion Ratio Lower Upper

113 100

55 3215.4 131.7 197.5#

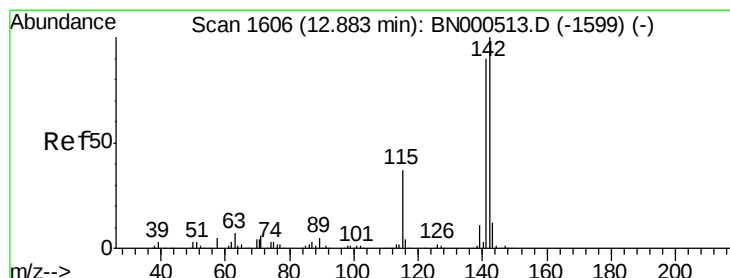
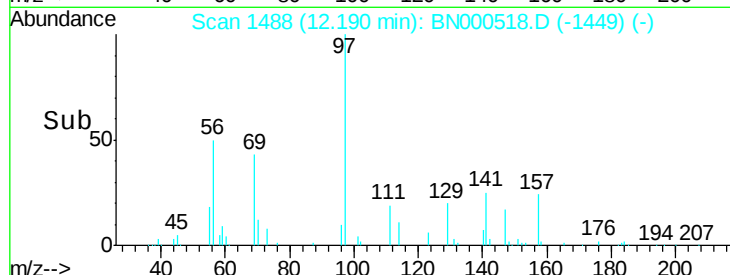
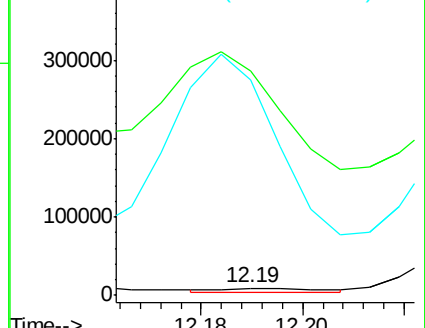
56 3087.0 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#34

2-Methylnaphthalene

Concen: 49.797 ng/ul

RT: 12.91 min Scan# 1610

Delta R.T. 0.02 min

Lab File: BN000518.D

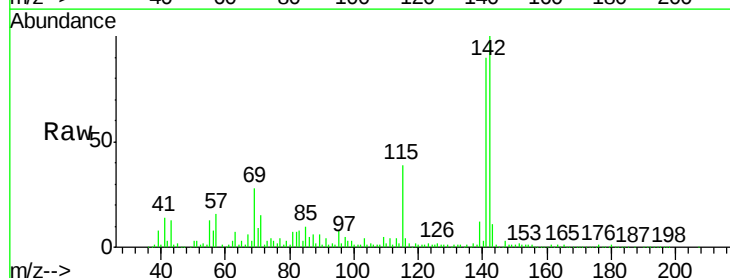
Acq: 21 Mar 2018 14:09

Tgt Ion:142 Resp: 1458435

Ion Ratio Lower Upper

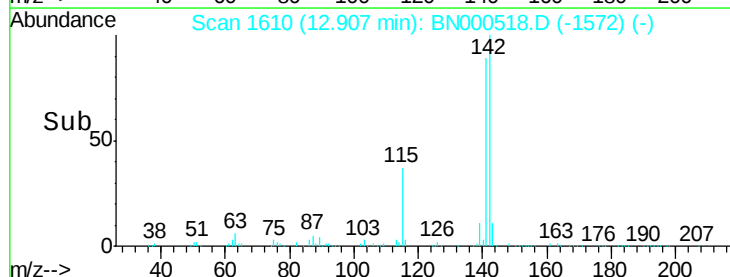
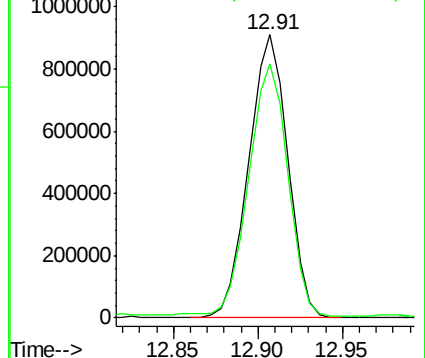
142 100

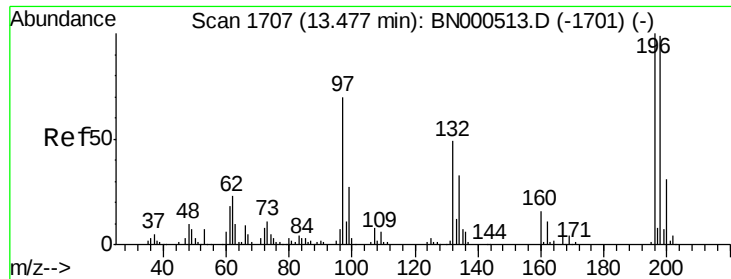
141 89.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

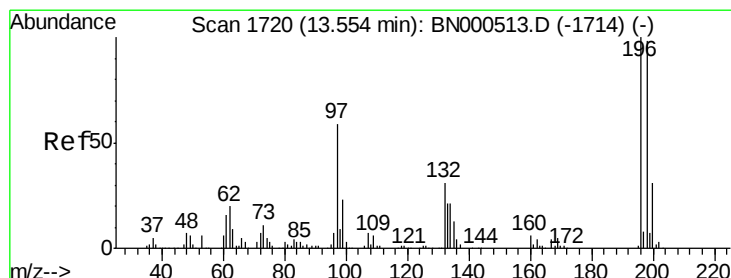
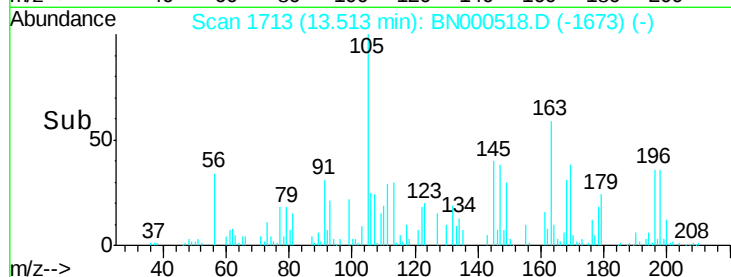
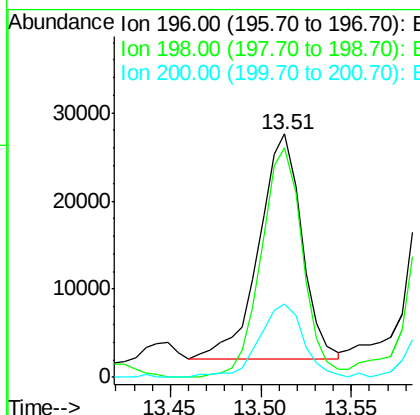
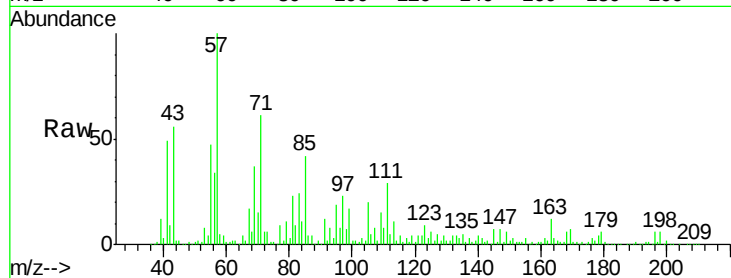




#38
 2,4,6-Trichlorophenol
 Concen: 5.126 ng/ul
 RT: 13.51 min Scan# 1713
 Delta R.T. 0.04 min
 Lab File: BN000518.D
 Acq: 21 Mar 2018 14:09

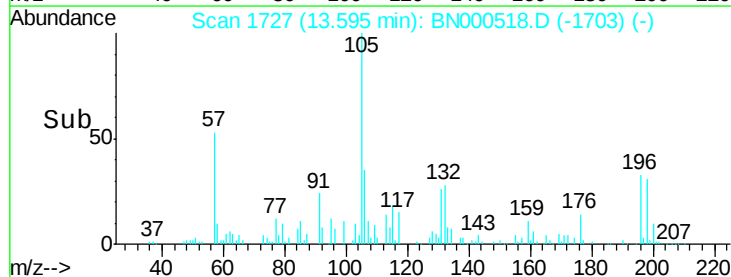
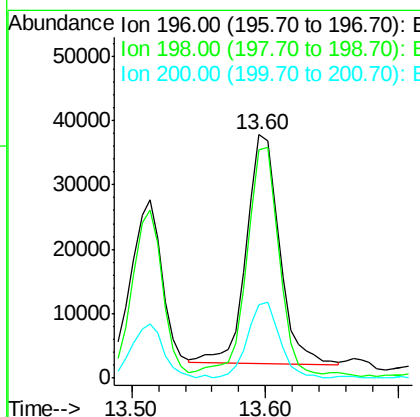
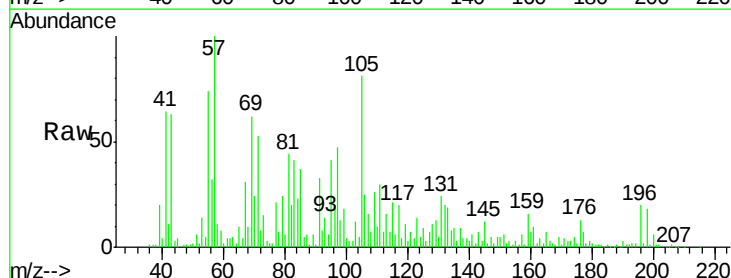
Instrument :
 BNA_N
 ClientSampled :

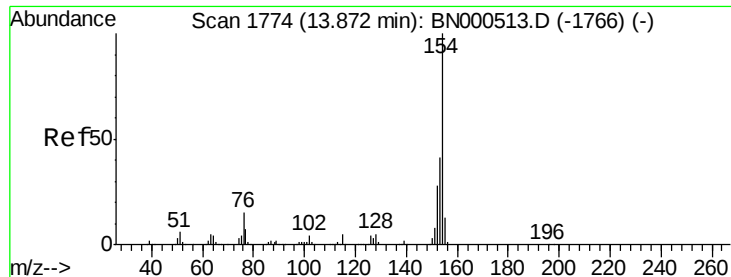
Tot Ion:196 Resp: 41777
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.9 113.9
 200 30.2 25.8 38.6



#39
 2,4,5-Trichlorophenol
 Concen: 7.182 ng/ul
 RT: 13.60 min Scan# 1727
 Delta R.T. 0.04 min
 Lab File: BN000518.D
 Acq: 21 Mar 2018 14:09

Tgt Ion:196 Resp: 61028
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.7 112.1
 200 30.0 25.4 38.0





#40

1,1'-Biphenyl

Concen: 4.106 ng/ul

RT: 13.88 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

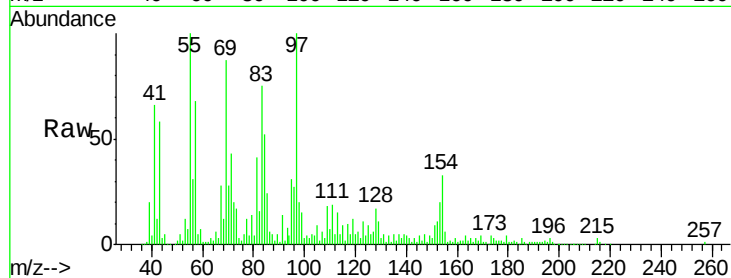
Tot Ion:154 Resp: 139787

Ion Ratio Lower Upper

154 100

153 60.3 34.0 51.0#

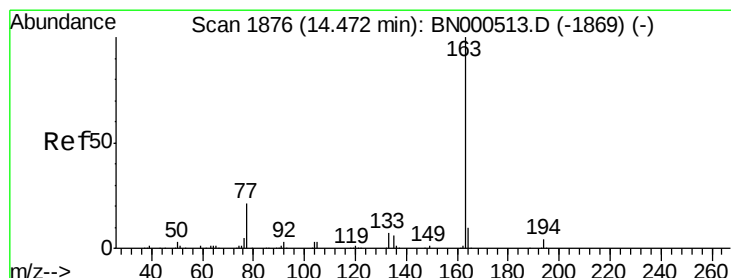
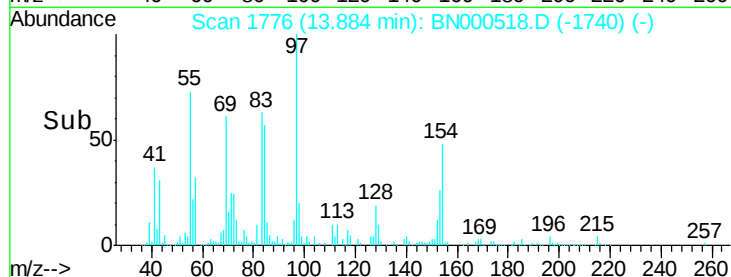
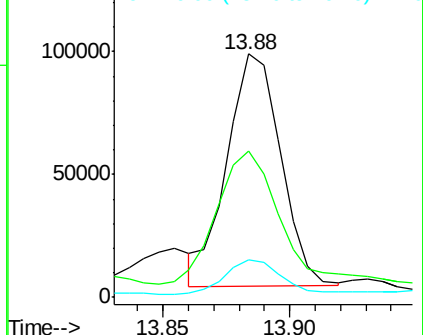
76 15.3 8.4 12.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#44

Dimethylphthalate

Concen: 1.824 ng/ul

RT: 14.48 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

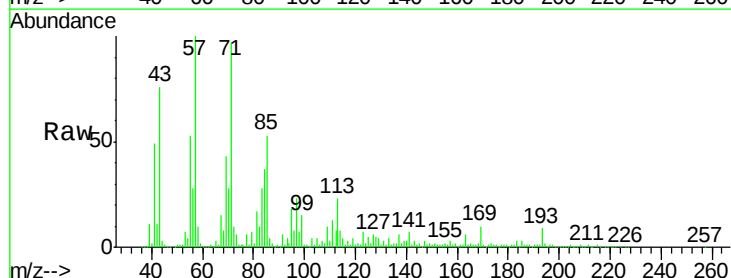
Tgt Ion:163 Resp: 57000

Ion Ratio Lower Upper

163 100

194 35.6 4.0 6.0#

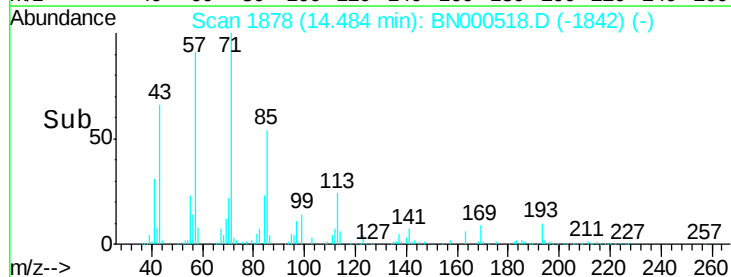
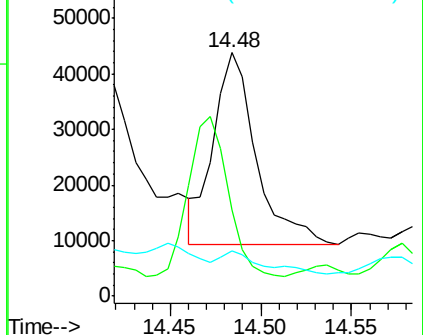
164 18.5 8.4 12.6#

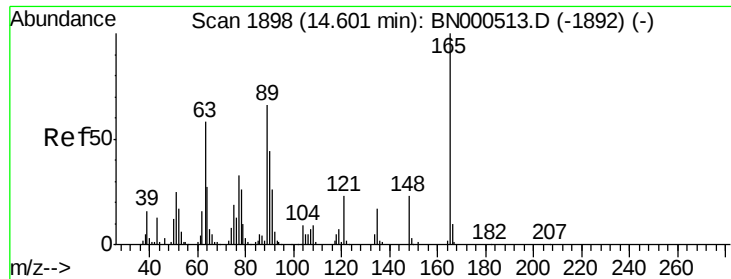


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

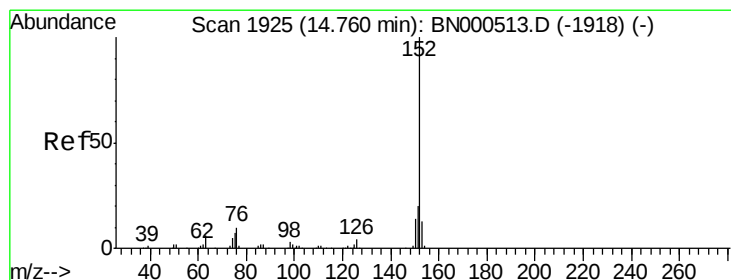
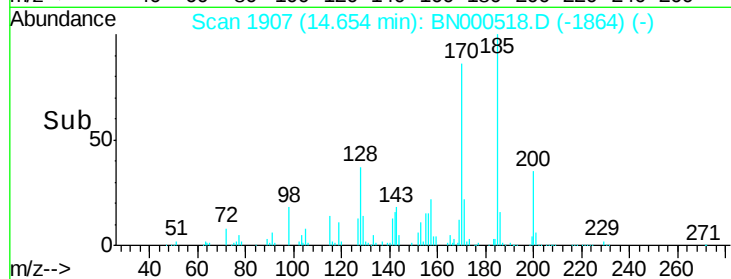
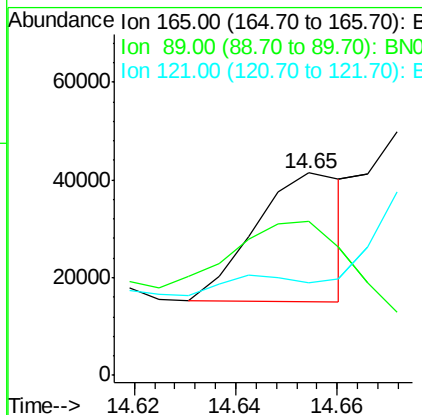
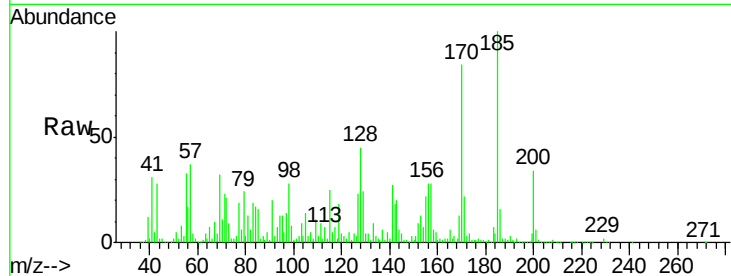




#45
 2,6-Dinitrotoluene
 Concen: 5.160 ng/ul
 RT: 14.65 min Scan# 1907
 Delta R.T. 0.05 min
 Lab File: BN000518.D
 Acq: 21 Mar 2018 14:09

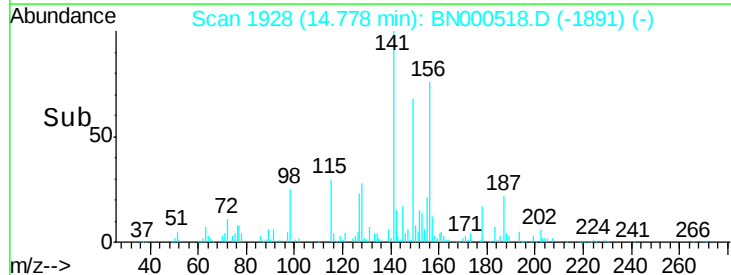
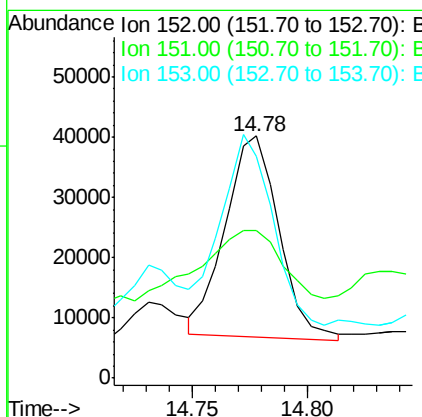
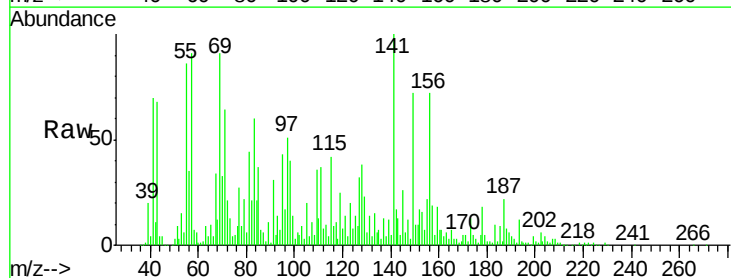
Instrument :
 BNA_N
 ClientSampleId :

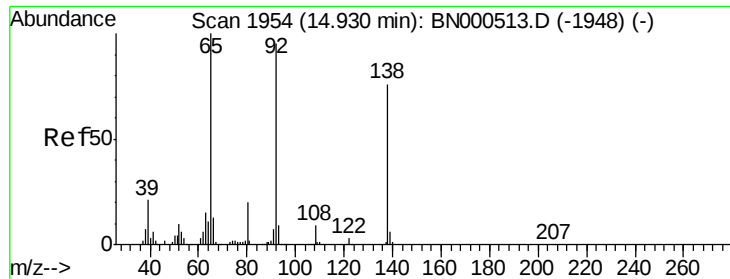
Tot Ion:165 Resp: 32497
 Ion Ratio Lower Upper
 165 100
 89 76.3 43.8 65.8#
 121 45.7 17.8 26.6#



#47
 Acenaphthylene
 Concen: 1.328 ng/ul
 RT: 14.78 min Scan# 1928
 Delta R.T. 0.02 min
 Lab File: BN000518.D
 Acq: 21 Mar 2018 14:09

Tgt Ion:152 Resp: 54227
 Ion Ratio Lower Upper
 152 100
 151 61.1 16.1 24.1#
 153 91.8 10.8 16.2#





#48

3-Nitroaniline

Concen: 1.454 ng/ul

RT: 14.95 min Scan# 1957

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

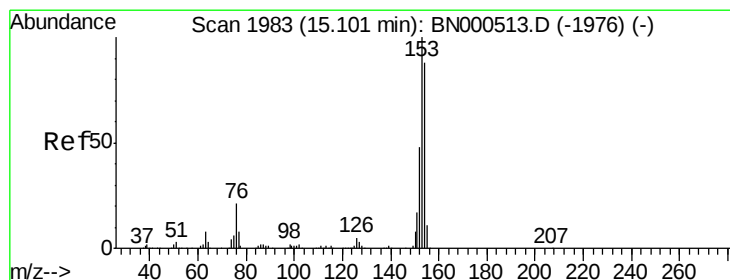
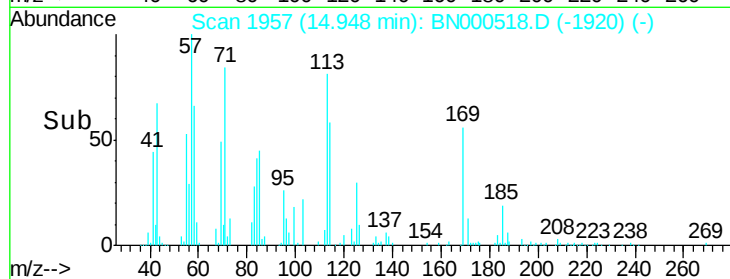
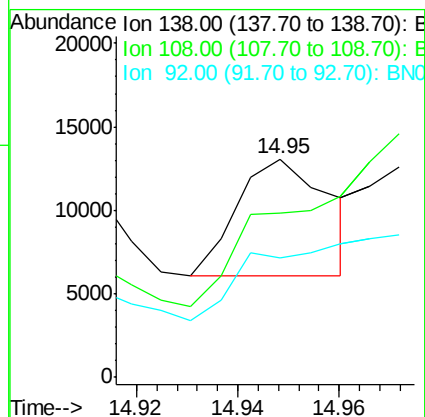
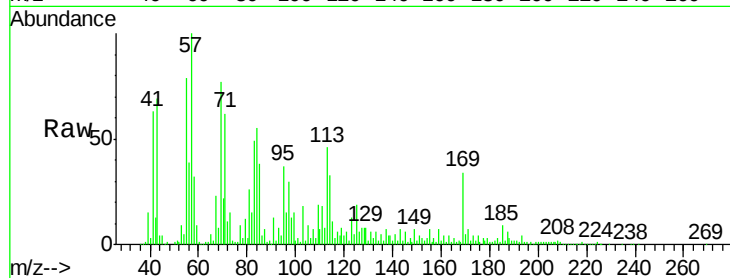
Tot Ion:138 Resp: 8842

Ion Ratio Lower Upper

138 100

108 75.1 7.6 11.4#

92 54.8 94.2 141.2#



#49

Acenaphthene

Concen: 7.217 ng/ul

RT: 15.12 min Scan# 1986

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

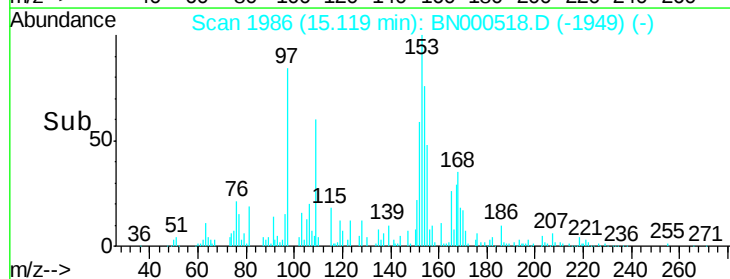
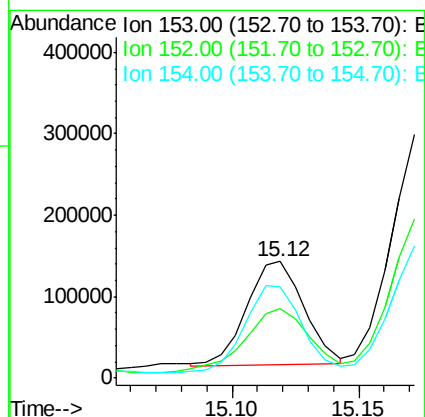
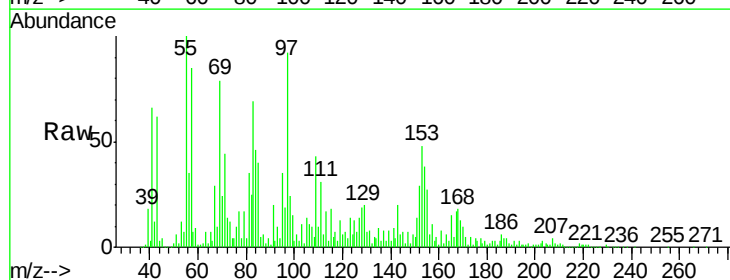
Tgt Ion:153 Resp: 200910

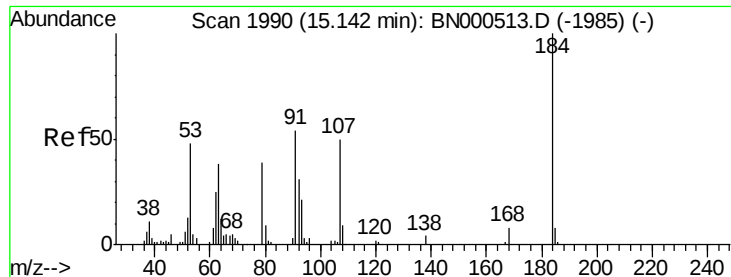
Ion Ratio Lower Upper

153 100

152 59.7 37.9 56.9#

154 78.7 69.8 104.6





#50

2,4-Dinitrophenol

Concen: 22.175 ng/ul

RT: 15.17 min Scan# 1995

Delta R.T. 0.03 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

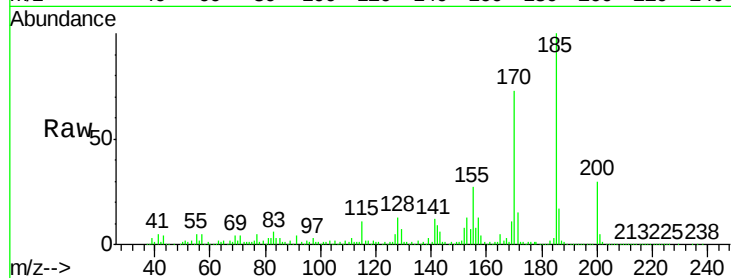
Tot Ion:184 Resp: 65881

Ion Ratio Lower Upper

184 100

63 64.1 39.7 59.5#

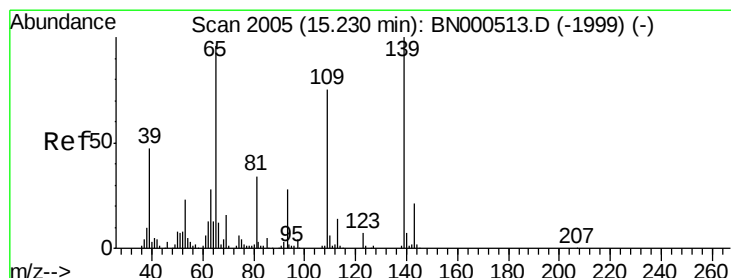
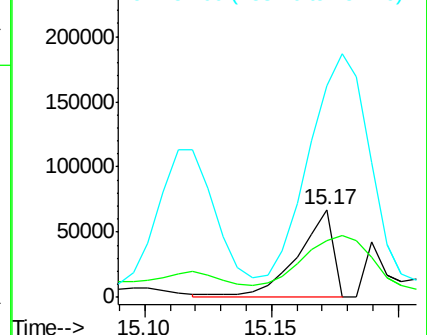
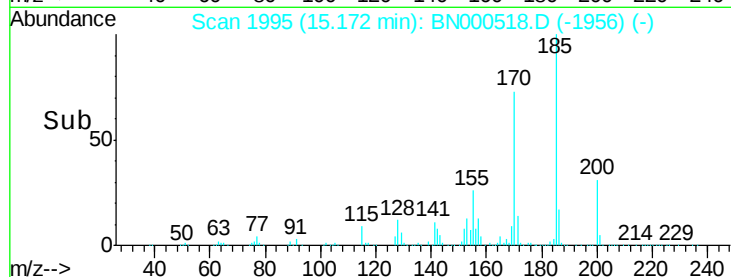
154 242.2 45.0 67.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 18.924 ng/ul

RT: 15.21 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

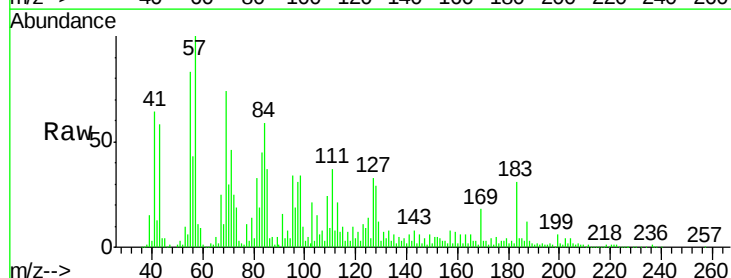
Tgt Ion:109 Resp: 85789

Ion Ratio Lower Upper

109 100

139 18.1 91.2 136.8#

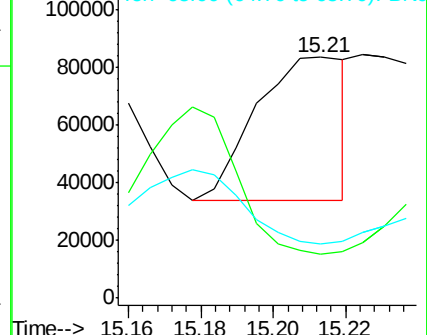
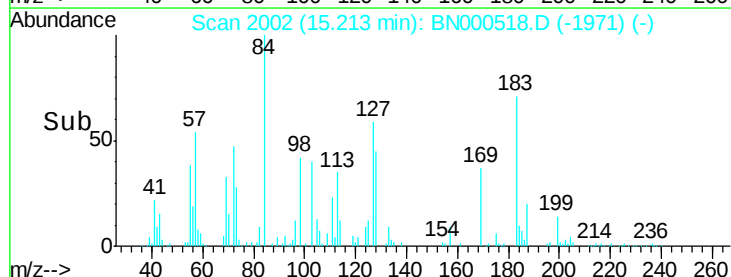
65 22.3 92.6 139.0#

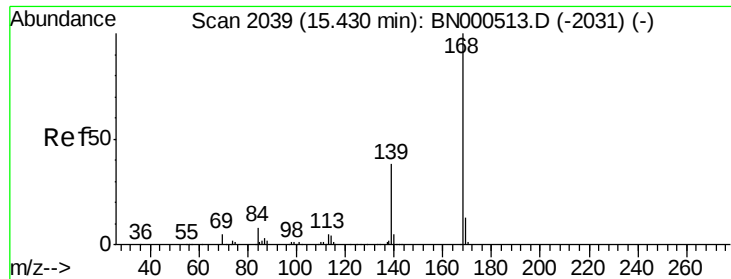


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO





#53

Dibenzofuran

Concen: 2.607 ng/ul

RT: 15.60 min Scan# 2068

Delta R.T. 0.17 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

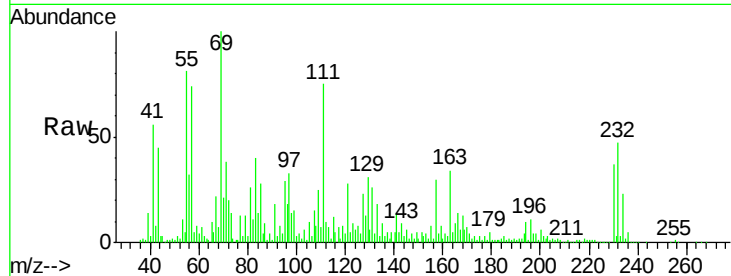
ClientSampleId :

Tot Ion:168 Resp: 98564

Ion Ratio Lower Upper

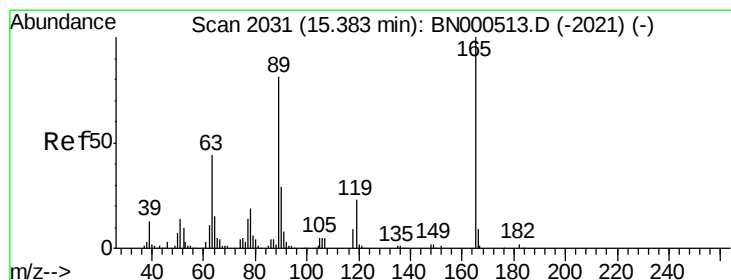
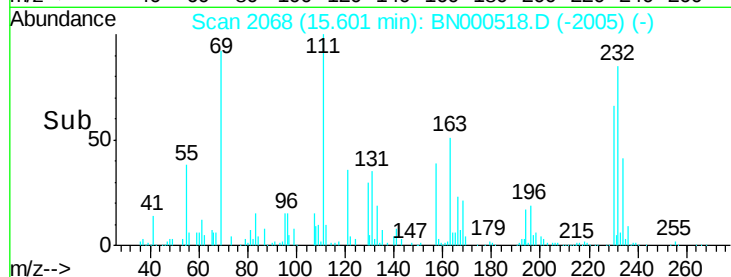
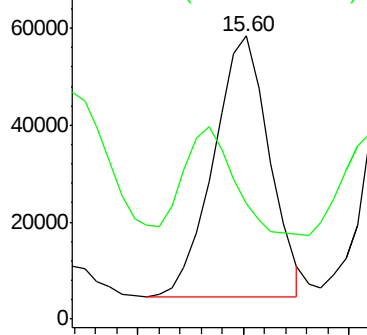
168 100

139 41.1 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: 1.025 ng/ul

RT: 15.39 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

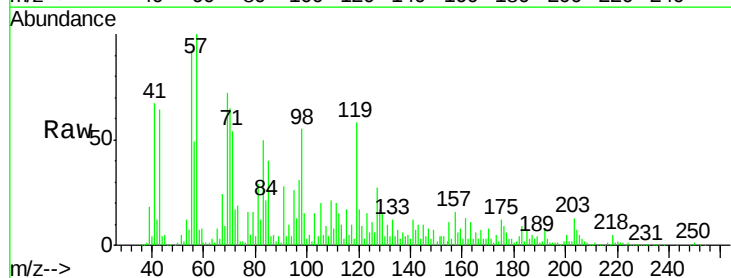
Tgt Ion:165 Resp: 9151

Ion Ratio Lower Upper

165 100

63 50.7 31.4 47.0#

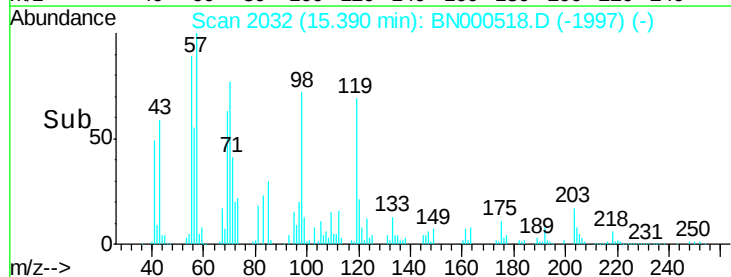
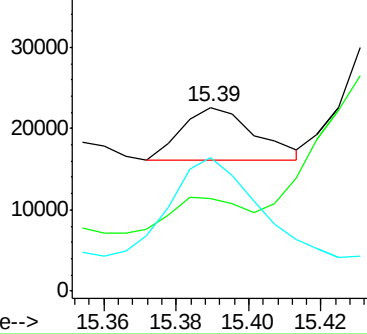
182 72.9 2.7 4.1#

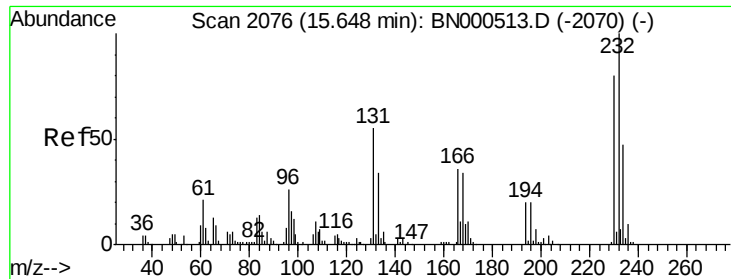


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 746.071 ng/ul

RT: 15.71 min Scan# 2087

Delta R.T. 0.07 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion:232 Resp: 4841034

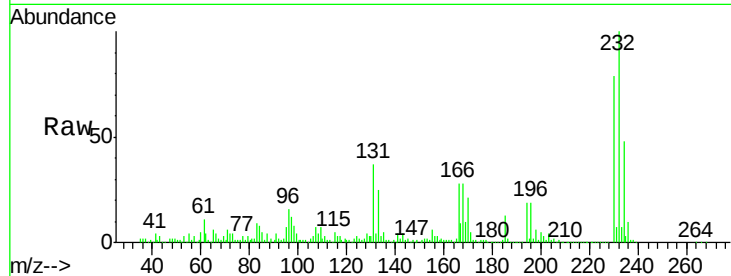
Ion Ratio Lower Upper

232 100

131 37.2 48.0 72.0#

130 2.9 4.0 6.0#

166 28.1 32.0 48.0#

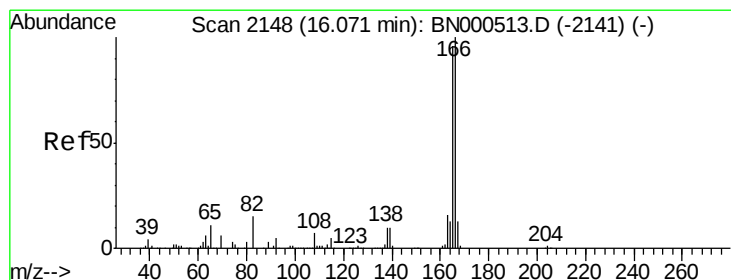
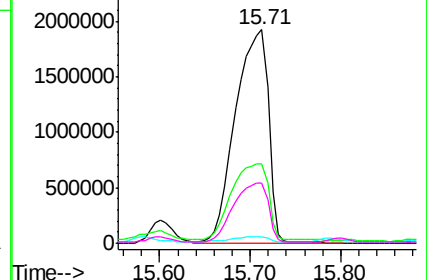
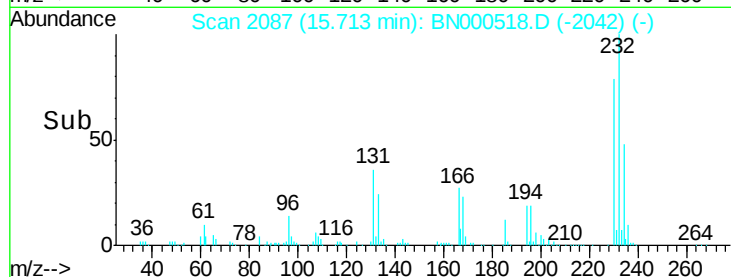


Abundance Ion 232.00 (231.70 to 232.70): E

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: 9.489 ng/ul

RT: 16.10 min Scan# 2152

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

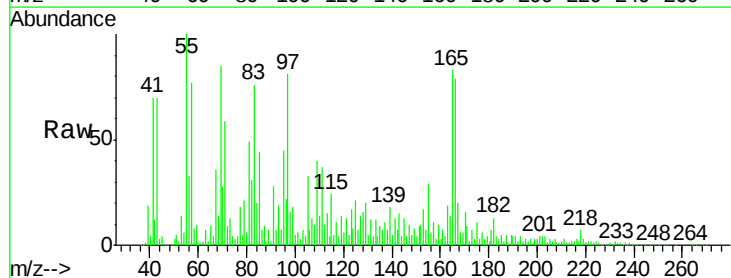
Tgt Ion:166 Resp: 285124

Ion Ratio Lower Upper

166 100

165 105.2 78.4 117.6

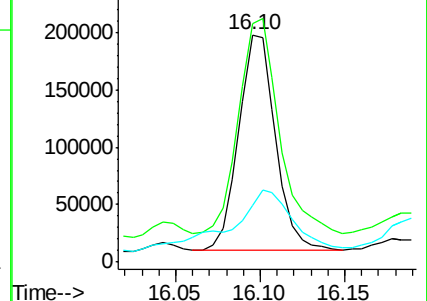
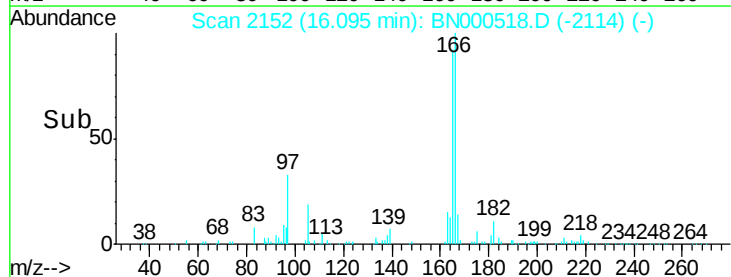
167 25.2 11.1 16.7#

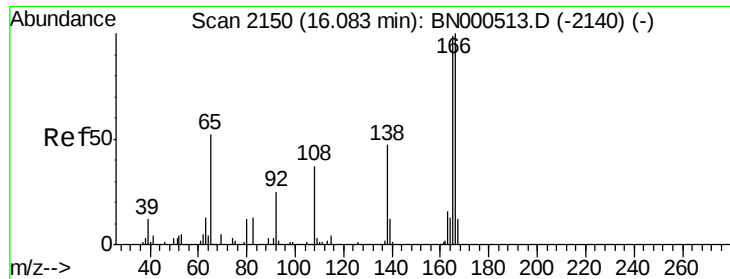


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

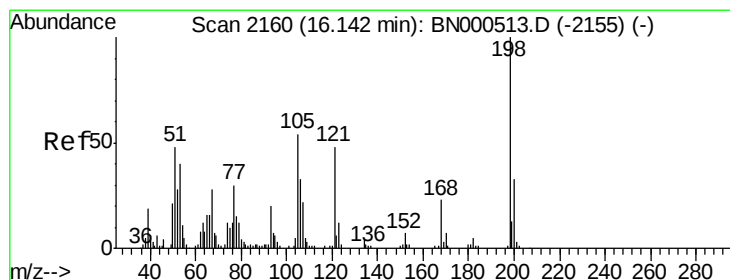
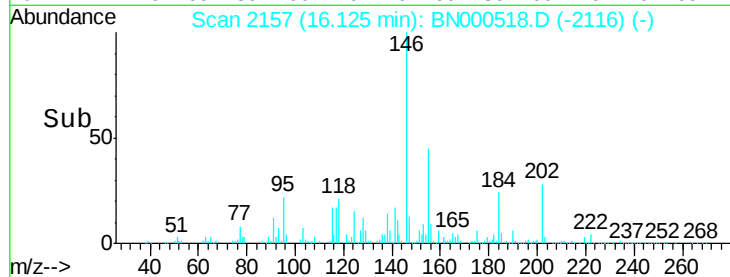
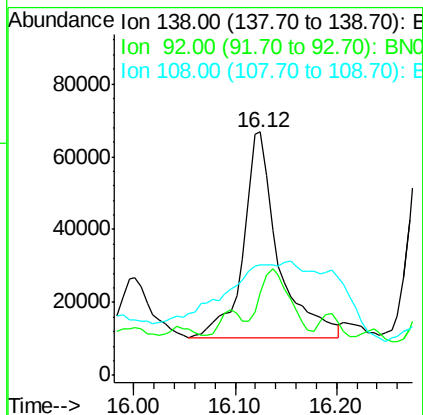
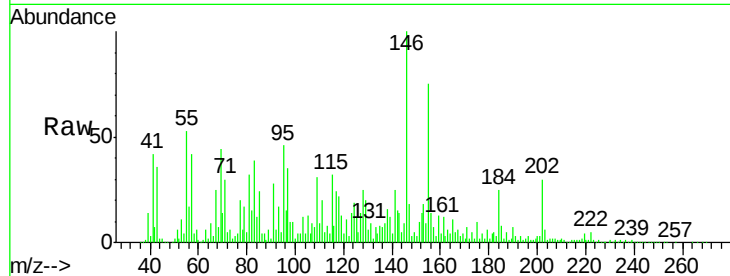




#60
4-Nitroaniline
Concen: 19.702 ng/ul
RT: 16.12 min Scan# 2157
Delta R.T. 0.04 min
Lab File: BN000518.D
Acq: 21 Mar 2018 14:09

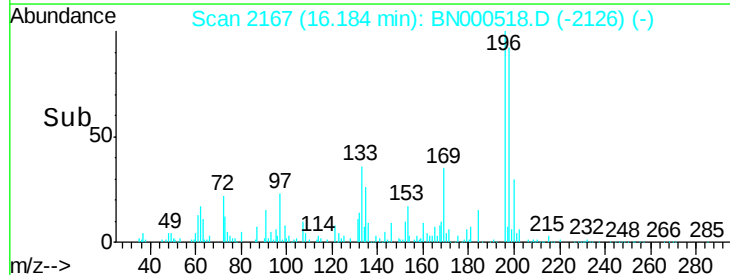
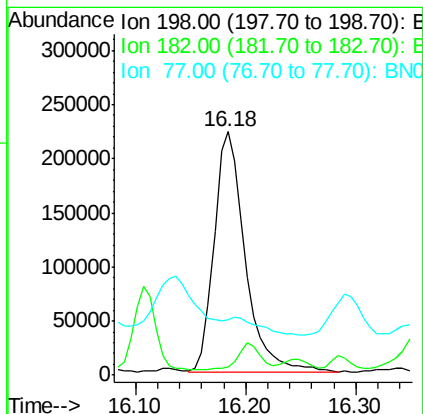
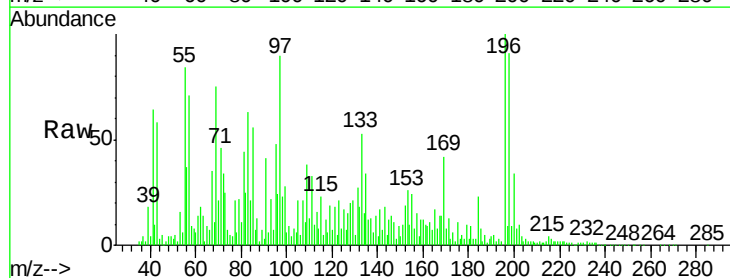
Instrument :
BNA_N
ClientSampleId :

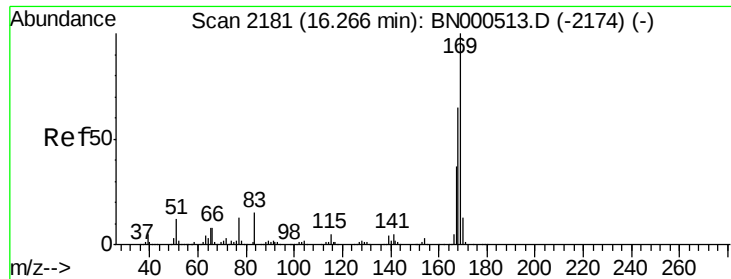
Tot Ion:138 Resp: 134575
Ion Ratio Lower Upper
138 100
92 33.8 38.2 57.4#
108 45.3 70.0 105.0#



#63
4,6-Dinitro-2-methylphenol
Concen: 21079.396 ng/ul
RT: 16.18 min Scan# 2167
Delta R.T. 0.04 min
Lab File: BN000518.D
Acq: 21 Mar 2018 14:09

Tgt Ion:198 Resp: 434223
Ion Ratio Lower Upper
198 100
182 3.4 3.5 5.3#
77 23.0 18.2 27.4





#64

N-Nitrosodiphenylamine

Concen: 2328.486 ng/ul

RT: 16.29 min Scan# 2185

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampled :

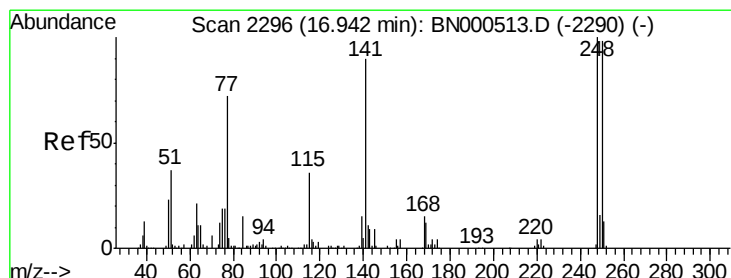
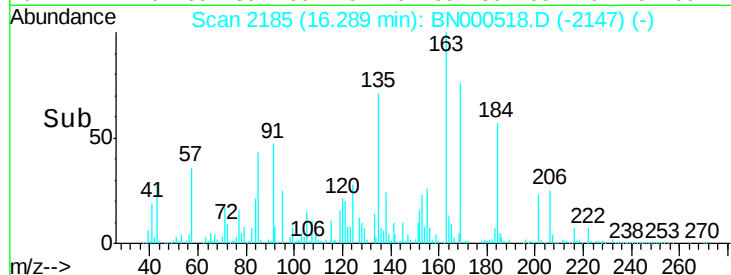
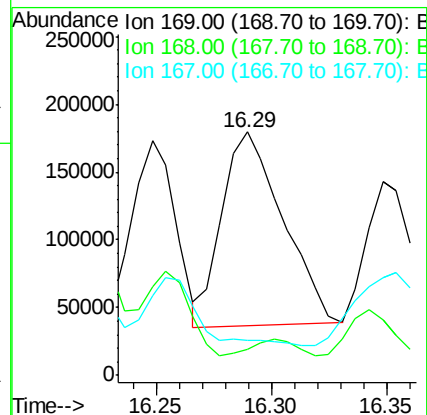
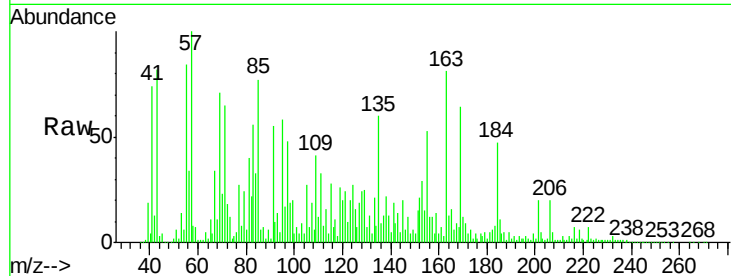
Tot Ion:169 Resp: 261347

Ion Ratio Lower Upper

169 100

168 10.6 53.8 80.8#

167 14.5 29.5 44.3#



#65

4-Bromophenyl-phenylether

Concen: 25.168 ng/ul

RT: 16.90 min Scan# 2288

Delta R.T. -0.05 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

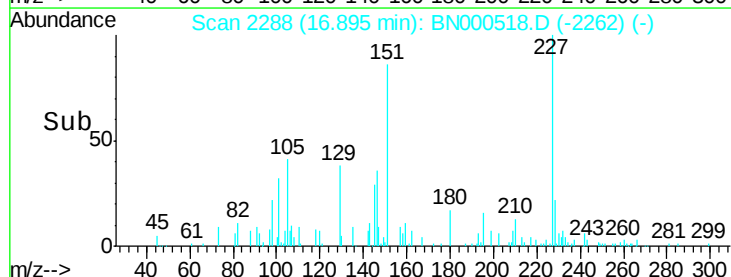
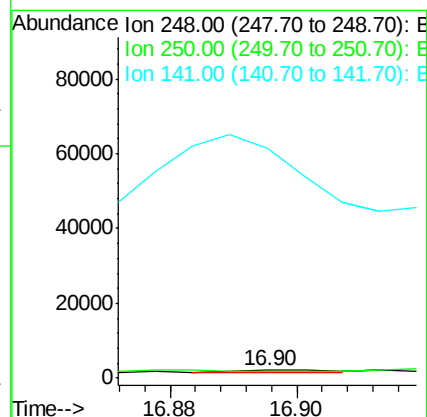
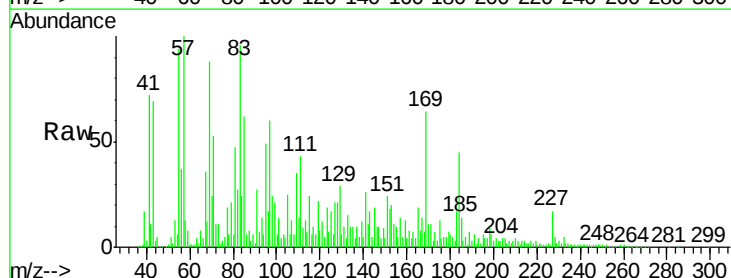
Tgt Ion:248 Resp: 874

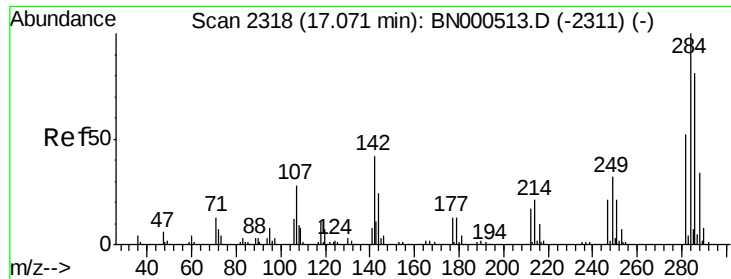
Ion Ratio Lower Upper

248 100

250 89.3 79.0 118.4

141 2966.8 51.9 77.9#

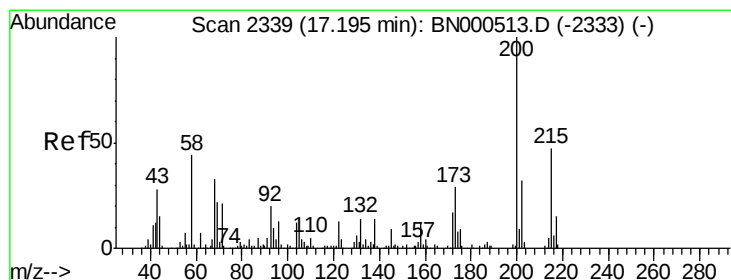
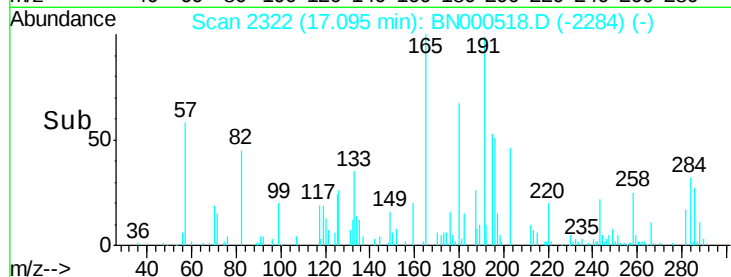
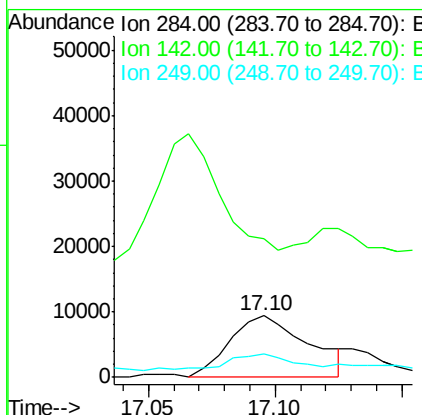
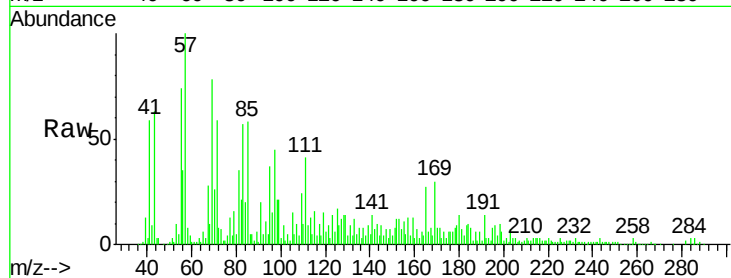




#66
Hexachlorobenzene
Concen: 551.374 ng/ul
RT: 17.10 min Scan# 2322
Delta R.T. 0.02 min
Lab File: BN000518.D
Acq: 21 Mar 2018 14:09

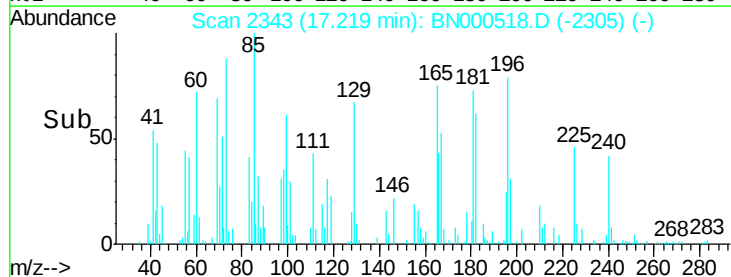
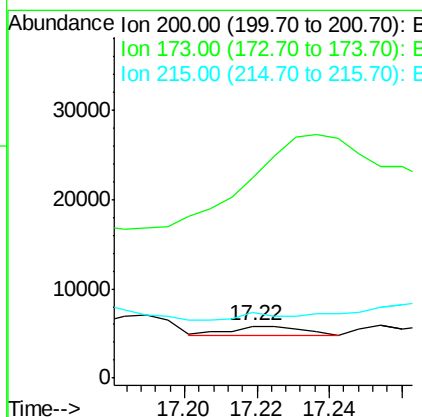
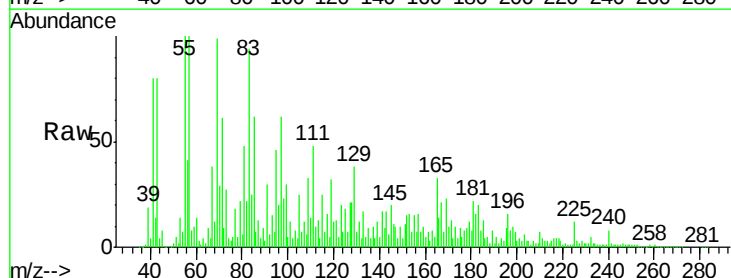
Instrument :
BNA_N
ClientSampled :

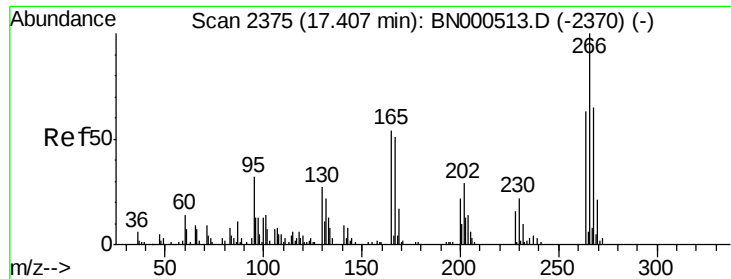
Tot Ion:284 Resp: 20218
Ion Ratio Lower Upper
284 100
142 225.9 21.3 31.9#
249 38.7 26.3 39.5



#67
Atrazine
Concen: 45.315 ng/ul
RT: 17.22 min Scan# 2343
Delta R.T. 0.02 min
Lab File: BN000518.D
Acq: 21 Mar 2018 14:09

Tgt Ion:200 Resp: 1534
Ion Ratio Lower Upper
200 100
173 387.2 20.6 31.0#
215 127.3 39.8 59.6#

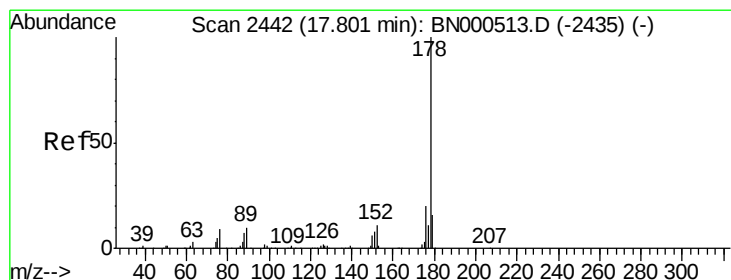
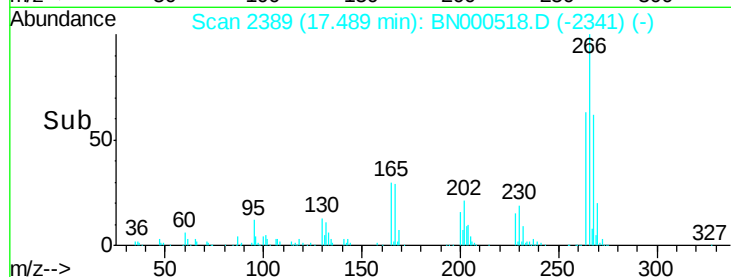
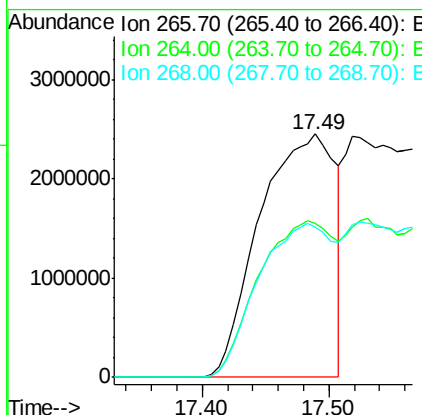
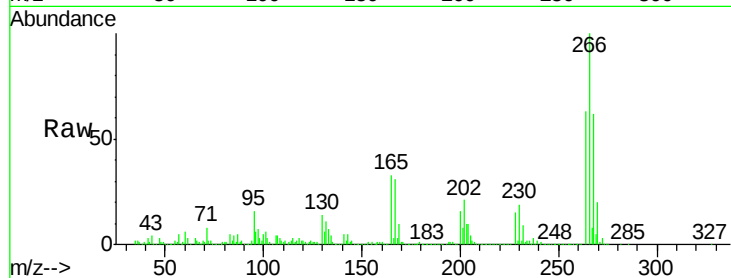




#68
 Pentachlorophenol
 Concen: 521679.896 ng/u1
 RT: 17.49 min Scan# 2389
 Delta R.T. 0.08 min
 Lab File: BN000518.D
 Acq: 21 Mar 2018 14:09

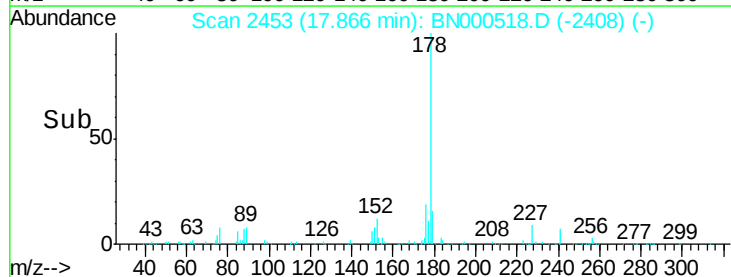
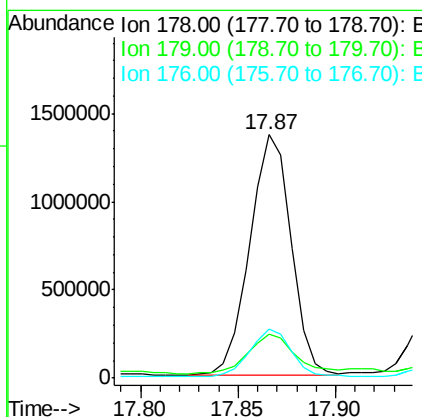
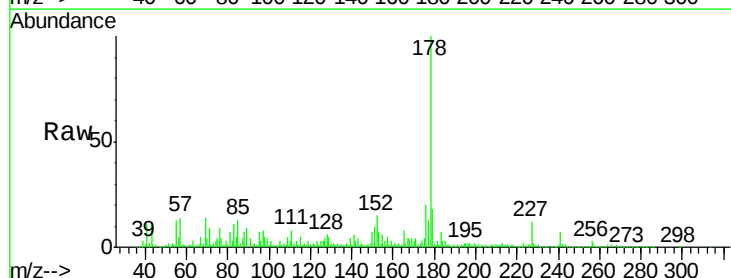
Instrument :
 BNA_N
 ClientSampled :

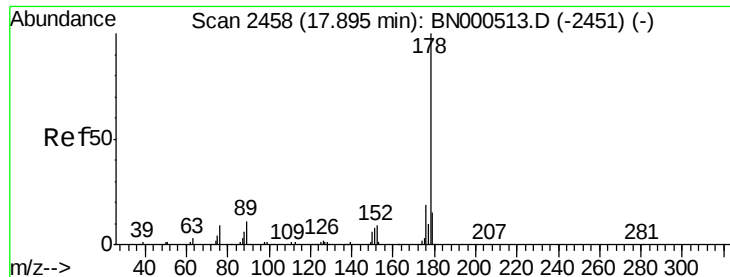
Tot Ion:266 Resp:10098866
 Ion Ratio Lower Upper
 266 100
 264 63.2 48.2 72.4
 268 61.9 52.3 78.5



#69
 Phenanthrene
 Concen: 10190.016 ng/u1
 RT: 17.87 min Scan# 2453
 Delta R.T. 0.07 min
 Lab File: BN000518.D
 Acq: 21 Mar 2018 14:09

Tgt Ion:178 Resp: 2000066
 Ion Ratio Lower Upper
 178 100
 179 18.2 12.3 18.5
 176 20.1 15.4 23.0



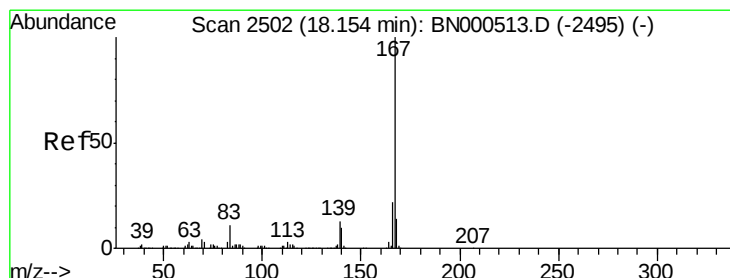
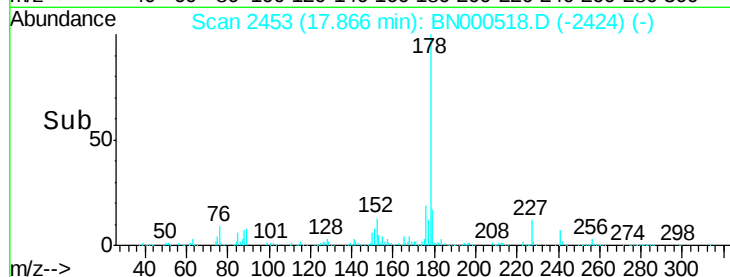
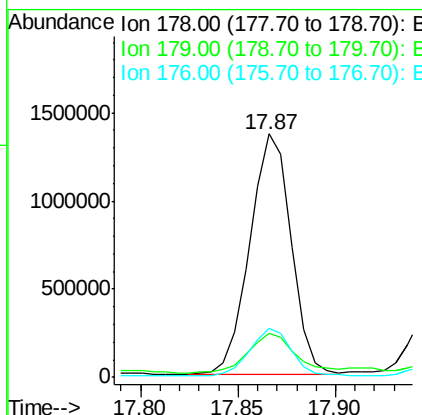
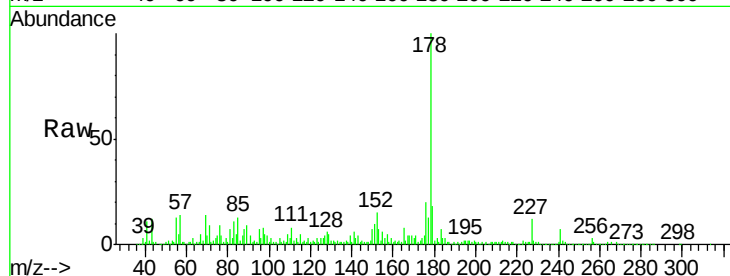


#71
 Anthracene
 Concen: 9937.882 ng/ul
 RT: 17.87 min Scan# 2453
 Delta R.T. -0.03 min
 Lab File: BN000518.D
 Acq: 21 Mar 2018 14:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:178 Resp: 2000066

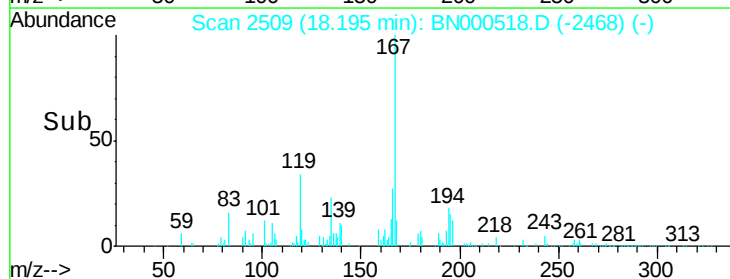
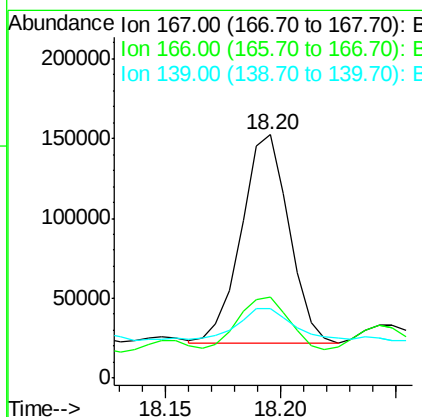
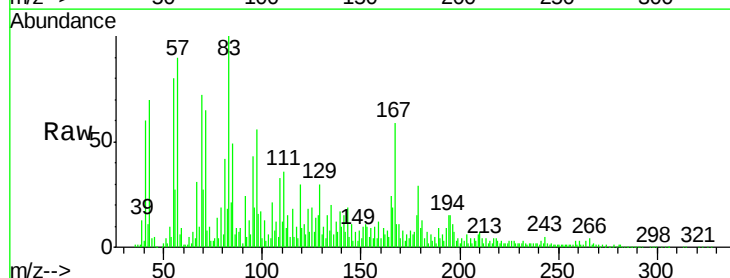
Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.4	20.2
176	20.1	15.4	23.0

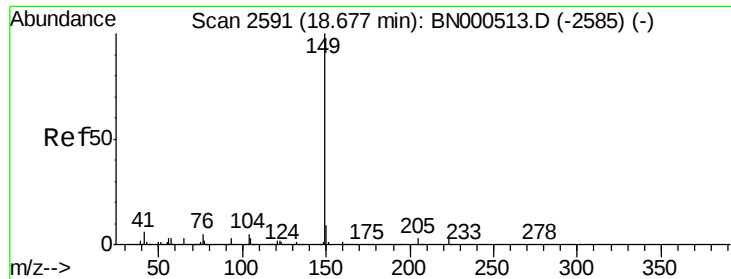


#72
 Carbazole
 Concen: 1091.616 ng/ul
 RT: 18.20 min Scan# 2509
 Delta R.T. 0.04 min
 Lab File: BN000518.D
 Acq: 21 Mar 2018 14:09

Tgt Ion:167 Resp: 188397

Ion	Ratio	Lower	Upper
167	100		
166	33.0	17.0	25.4#
139	28.4	9.1	13.7#





#73

Di-n-butylphthalate

Concen: 99.643 ng/ul

RT: 18.70 min Scan# 2594

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

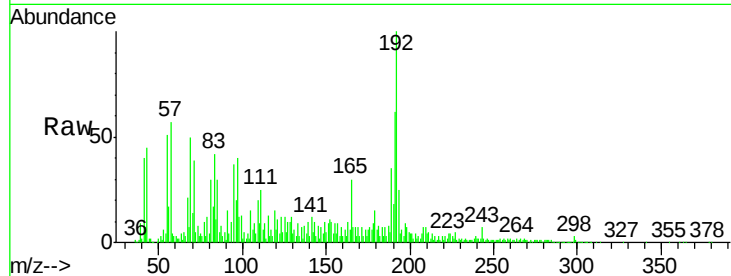
Tot Ion:149 Resp: 23386

Ion Ratio Lower Upper

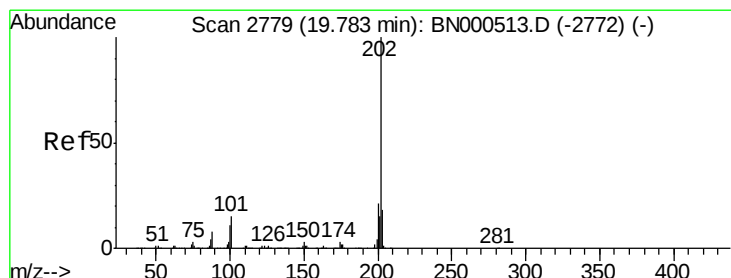
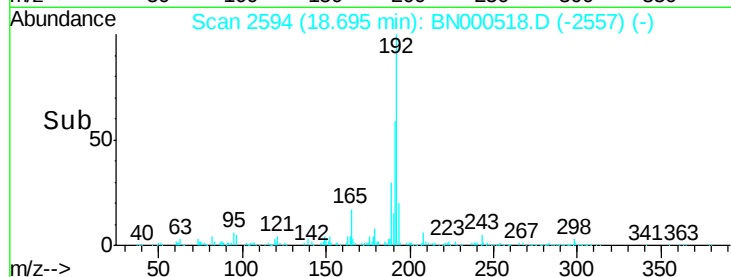
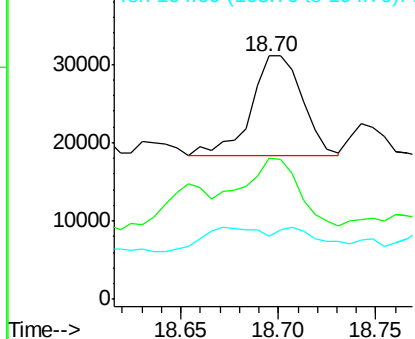
149 100

150 57.8 7.5 11.3#

104 26.0 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: 9863.925 ng/ul

RT: 19.81 min Scan# 2783

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

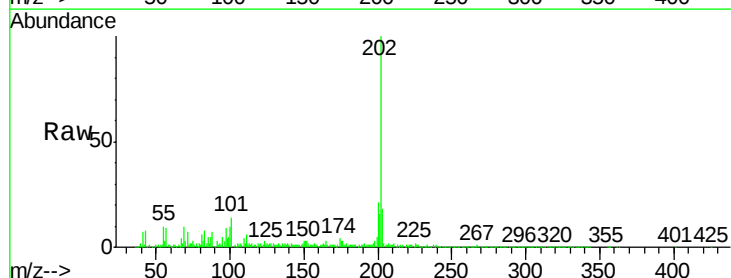
Tgt Ion:202 Resp: 1923863

Ion Ratio Lower Upper

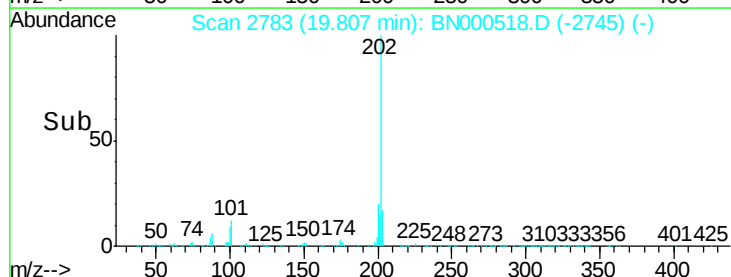
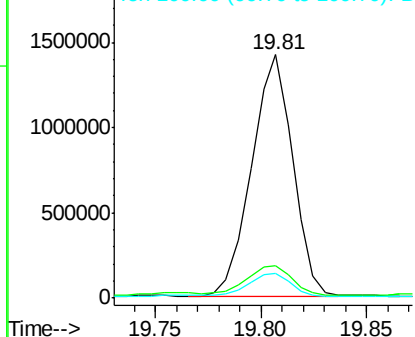
202 100

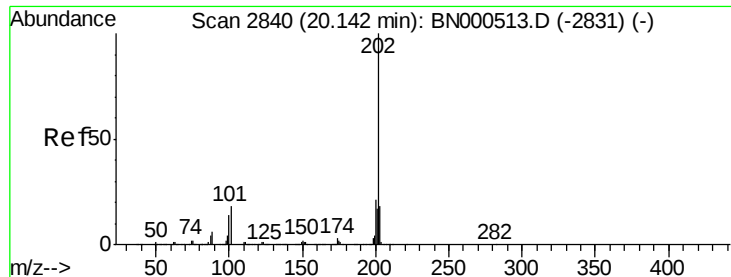
101 13.5 6.1 9.1#

100 9.9 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

Pvrene

Concen: 39.126 ng/ul

RT: 20.17 min Scan# 2844

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

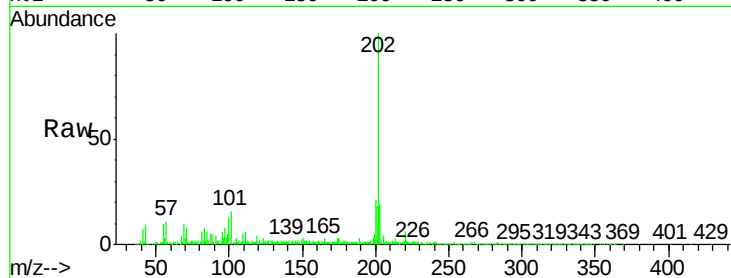
Tot Ion:202 Resp: 1754358

Ion Ratio Lower Upper

202 100

101 16.3 6.9 10.3#

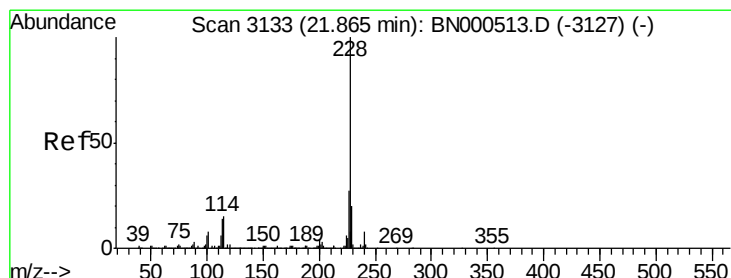
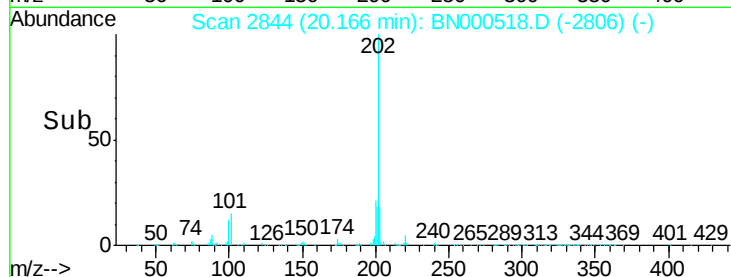
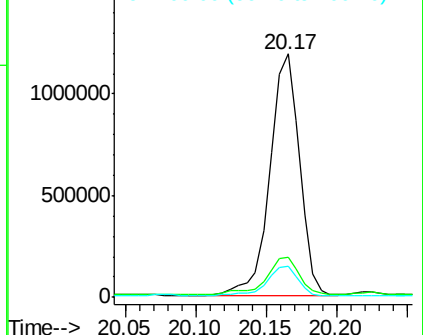
100 12.7 5.6 8.4#



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: 7.887 ng/ul

RT: 21.88 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

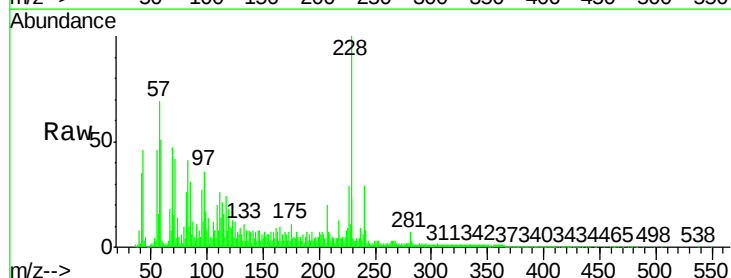
Tgt Ion:228 Resp: 322597

Ion Ratio Lower Upper

228 100

229 23.4 16.0 24.0

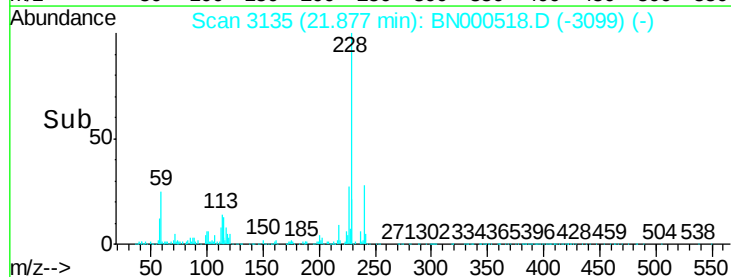
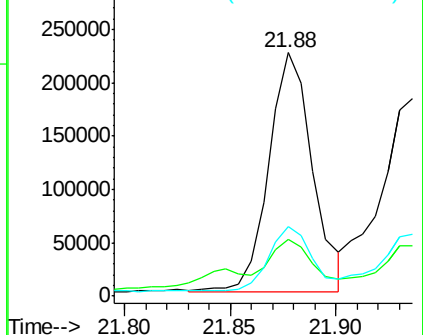
226 28.8 21.8 32.8

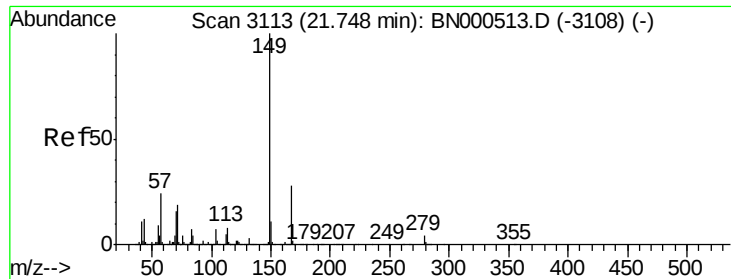


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 4.733 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

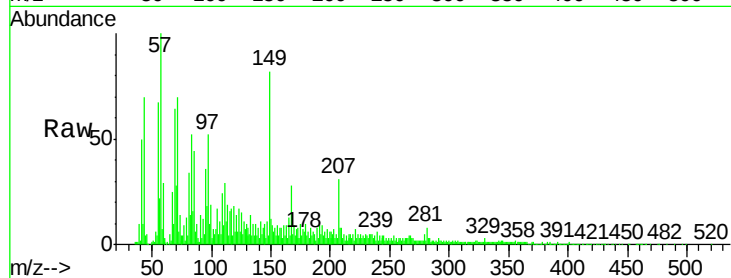
Tot Ion:149 Resp: 153038

Ion Ratio Lower Upper

149 100

167 34.1 23.0 34.6

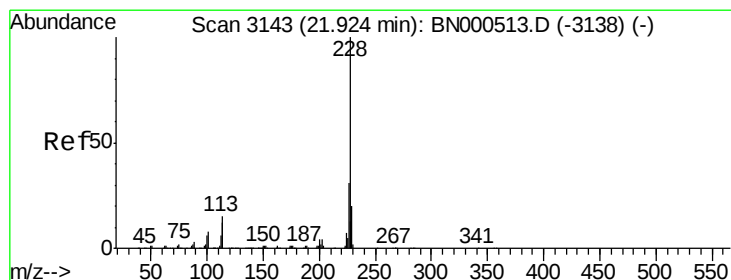
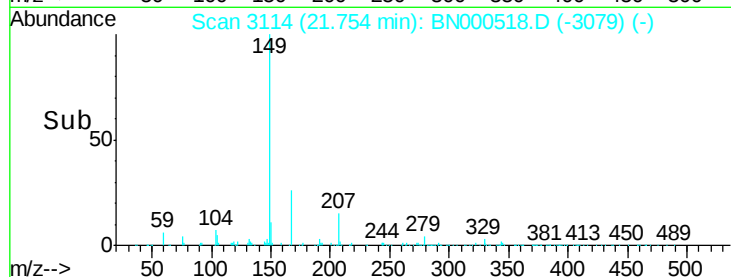
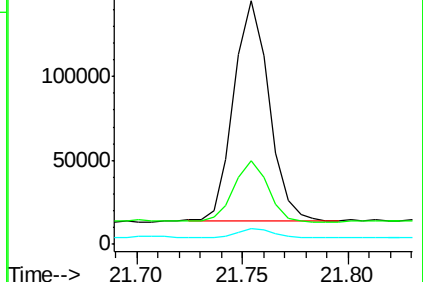
279 6.3 4.3 6.5



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: 8.423 ng/ul

RT: 21.88 min Scan# 3135

Delta R.T. -0.05 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

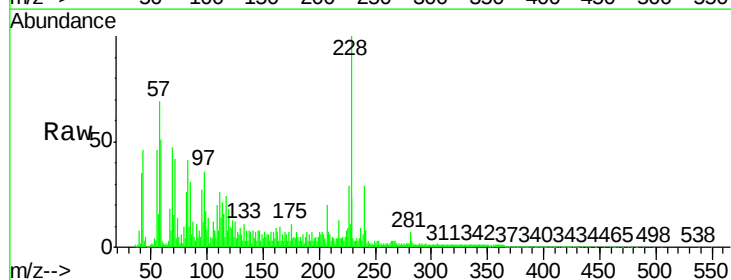
Tgt Ion:228 Resp: 323000

Ion Ratio Lower Upper

228 100

226 28.8 24.1 36.1

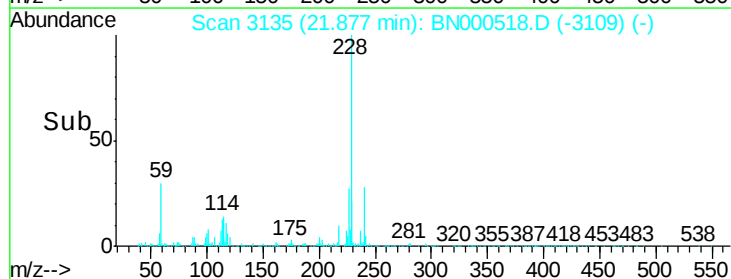
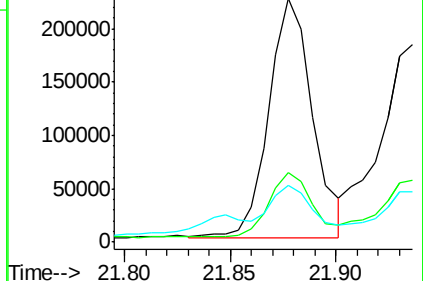
229 23.4 16.0 24.0

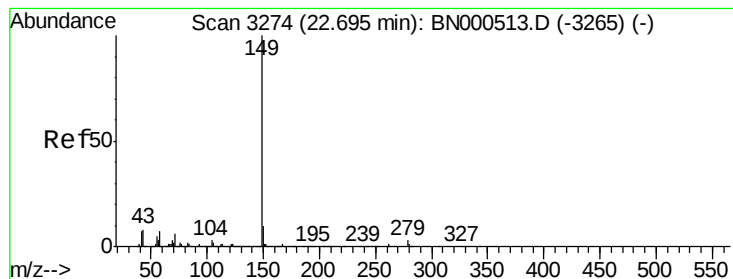


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 1.762 ng/ul

RT: 22.71 min Scan# 3276

Delta R.T. 0.01 min

Lab File: BN000518.D

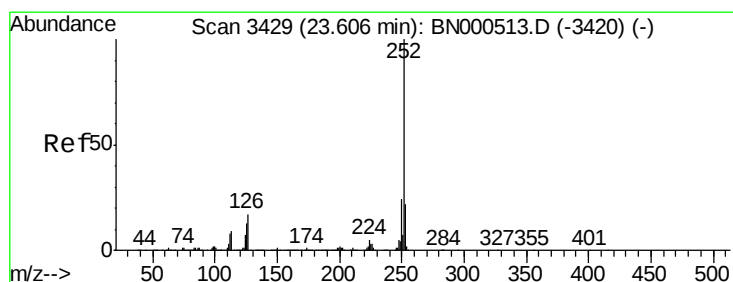
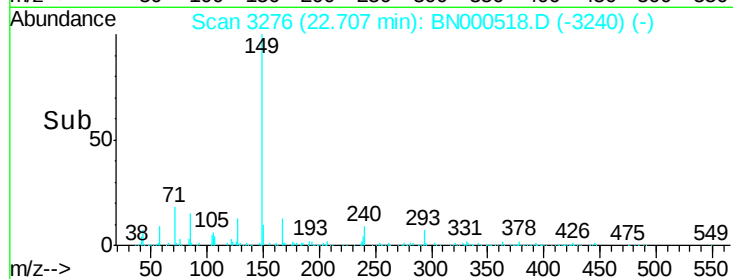
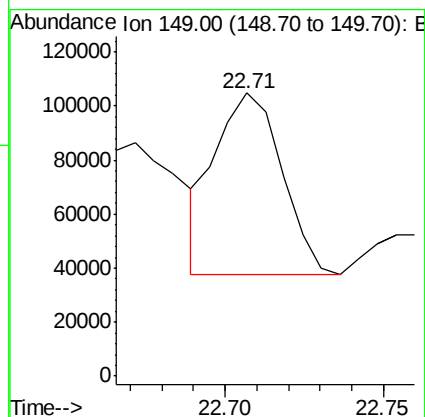
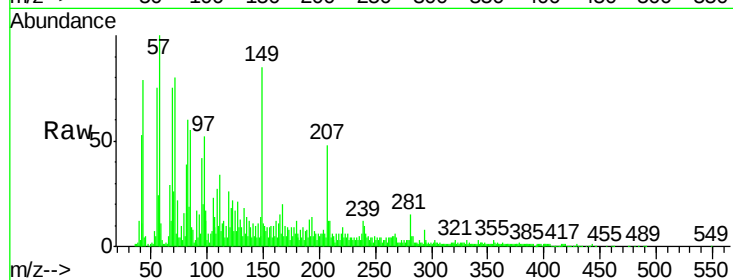
Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:149 Resp: 97648



#85

Benzo(b)fluoranthene

Concen: 5.131 ng/ul

RT: 23.62 min Scan# 3432

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

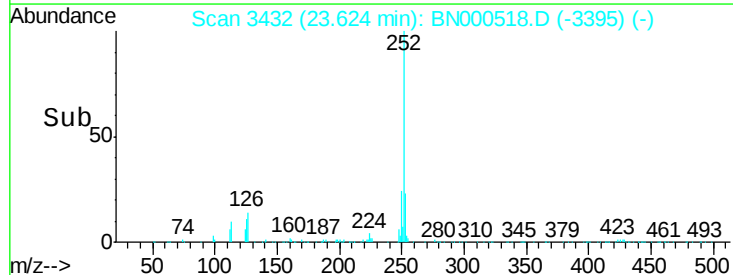
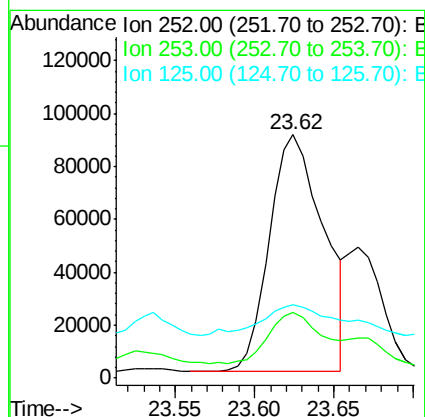
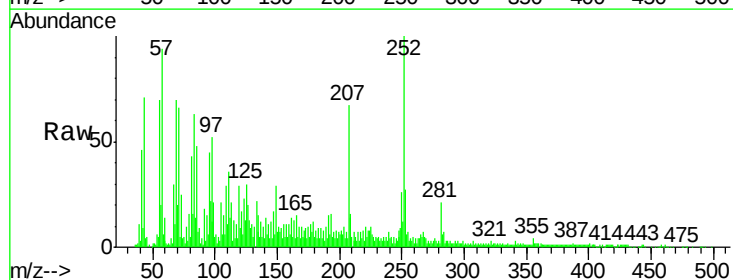
Tgt Ion:252 Resp: 213485

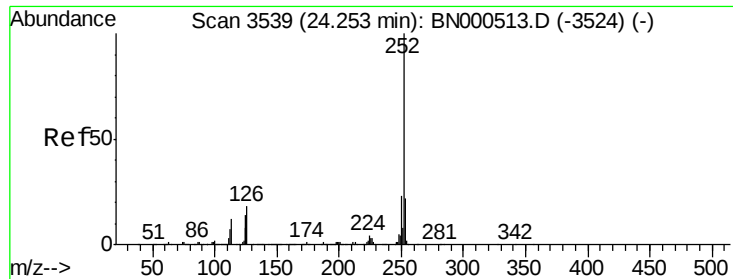
Ion Ratio Lower Upper

252 100

253 27.2 17.4 26.0#

125 30.3 4.9 7.3#





#88

Benzo(a)pyrene

Concen: 3.388 ng/ul

RT: 24.27 min Scan# 3542

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

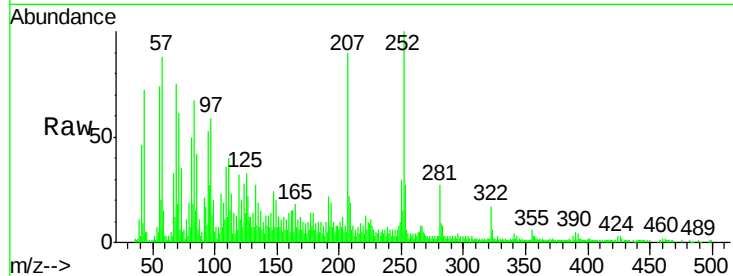
Tot Ion:252 Resp: 132651

Ion Ratio Lower Upper

252 100

253 27.2 17.2 25.8#

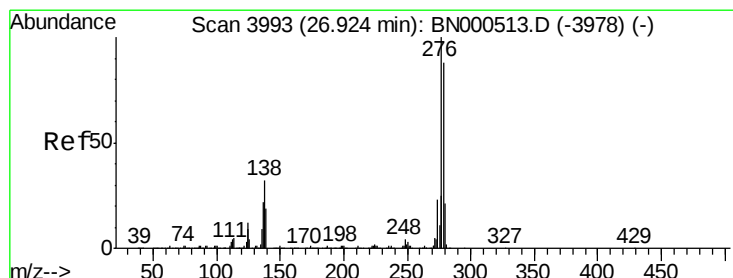
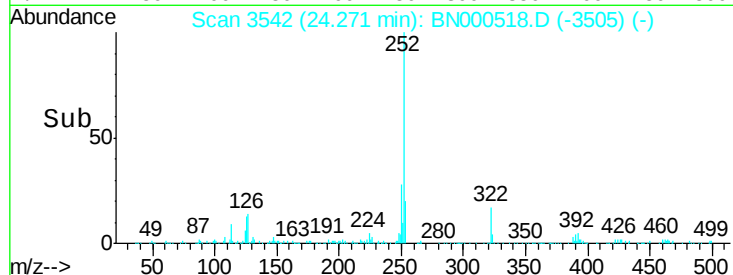
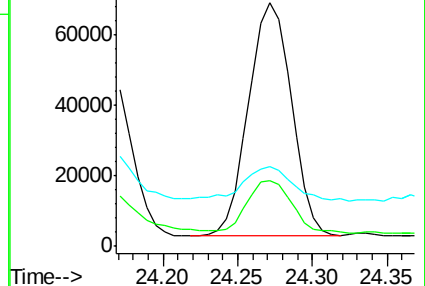
125 32.8 5.8 8.6#



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: 1.348 ng/ul

RT: 26.95 min Scan# 3997

Delta R.T. 0.02 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

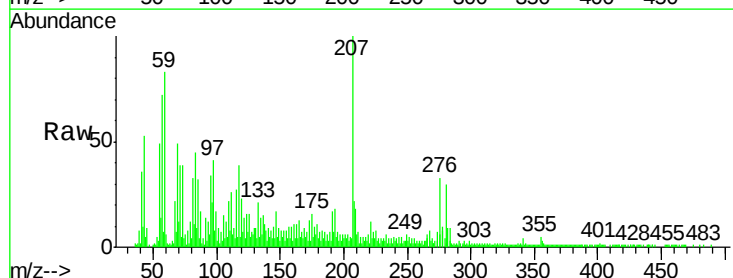
Tgt Ion:276 Resp: 56924

Ion Ratio Lower Upper

276 100

138 33.3 10.9 16.3#

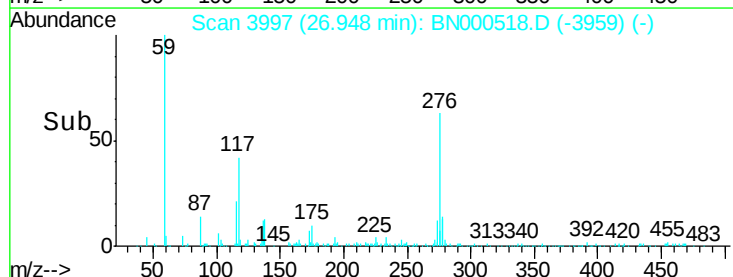
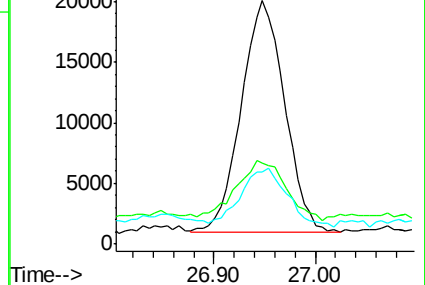
277 29.5 18.9 28.3#

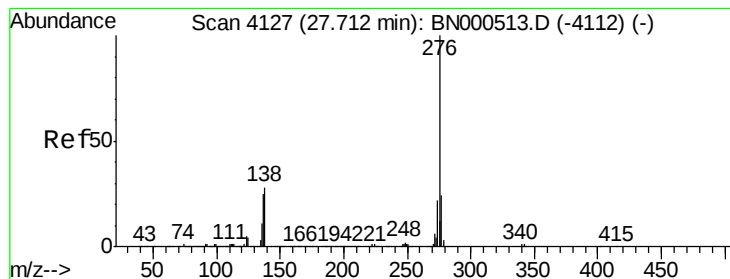


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.409 ng/ul

RT: 27.74 min Scan# 4132

Delta R.T. 0.03 min

Lab File: BN000518.D

Acq: 21 Mar 2018 14:09

Instrument :

BNA_N

ClientSampleId :

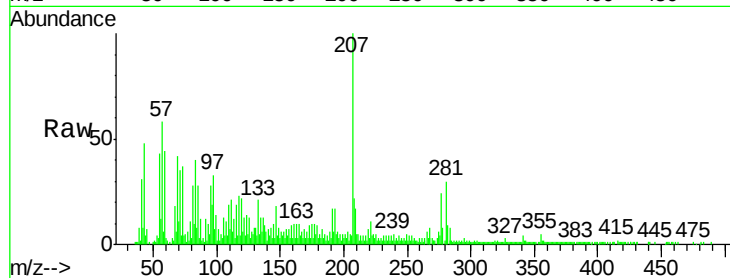
Tot Ion:276 Resp: 49431

Ion Ratio Lower Upper

276 100

138 37.7 11.2 16.8#

277 32.5 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

