

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
 Data File : BG034496.D
 Acq On : 16 May 2018 20:00
 Operator : SJ/JU
 Sample : J2604-13DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 17 03:17:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 16 22:24:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41056	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	199951	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	157060	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	397474	20.00	ng	0.00
75) Chrysene-d12	21.74	240	408240	20.00	ng	0.00
86) Perylene-d12	25.00	264	425851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	63867	23.96	ng	0.00
7) Phenol-d6	7.21	99	102707	23.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	76841	14.68	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	64215	23.74	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	177914	15.38	ng	0.00
78) Terphenyl-d14	20.06	244	381122	20.47	ng	0.00

Target Compounds

						Qvalue
12) 1,3-Dichlorobenzene	8.40	146	126517	38.138	ng	92
13) 1,4-Dichlorobenzene	8.08	146	140981	41.737	ng	92
14) 1,2-Dichlorobenzene	8.40	146	126514	38.159	ng	97
19) n-Nitroso-di-n-propylamine	9.22	70	11863	3.359	ng	# 73
28) bis(2-Chloroethoxy)methane	10.26	93	106410	20.838	ng	93
29) 2,4-Dichlorophenol	10.51	162	161657	45.701	ng	88
30) 1,2,4-Trichlorobenzene	10.72	180	68612	16.313	ng	98
34) Hexachlorobutadiene	11.20	225	124639	37.301	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	78836	16.541	ng	# 86
37) 2-Methylnaphthalene	12.52	142	95572	11.383	ng	# 89
42) 2,4,6-Trichlorophenol	13.12	196	165539	45.080	ng	90
43) 2,4,5-Trichlorophenol	13.20	196	70071	17.391	ng	# 95
46) 2-Chloronaphthalene	13.57	162	173912	17.861	ng	97
48) Acenaphthylene	14.42	152	391409	26.267	ng	96
50) 2,6-Dinitrotoluene	14.26	165	143171	51.499	ng	# 78
51) Acenaphthene	14.76	154	193351	20.015	ng	91
55) 4-Nitrophenol	14.91	139	71979	31.878	ng	# 65
57) Fluorene	15.74	166	277538	22.441	ng	97
60) 4-Chlorophenyl-phenylether	15.74	204	299043	40.718	ng	97
61) 4-Nitroaniline	15.74	138	5883	2.020	ng	# 33
62) Azobenzene	15.73	77	131816	8.807	ng	# 46
65) n-Nitrosodiphenylamine	15.73	169	36233	3.117	ng	# 77
66) 4-Bromophenyl-phenylether	16.63	248	199357	38.111	ng	# 90
67) Hexachlorobenzene	16.75	284	186146	32.203	ng	94
68) Atrazine	17.09	200	36606	7.106	ng	# 35
69) Pentachlorophenol	17.09	266	175512	50.349	ng	98
70) Phenanthrene	17.49	178	552230	25.509	ng	99
71) Anthracene	17.49	178	552230	25.174	ng	100
73) Di-n-butylphthalate	18.40	149	754525	33.570	ng	# 97
74) Fluoranthene	19.50	202	543474	20.427	ng	96
76) Benzidine	19.34	184	229	3.445	ng	# 66
77) Pyrene	19.50	202	543474	21.268	ng	99
79) Butylbenzylphthalate	20.75	149	216219	21.945	ng	# 89
80) Benzo(a)anthracene	21.72	228	421563	15.892	ng	98

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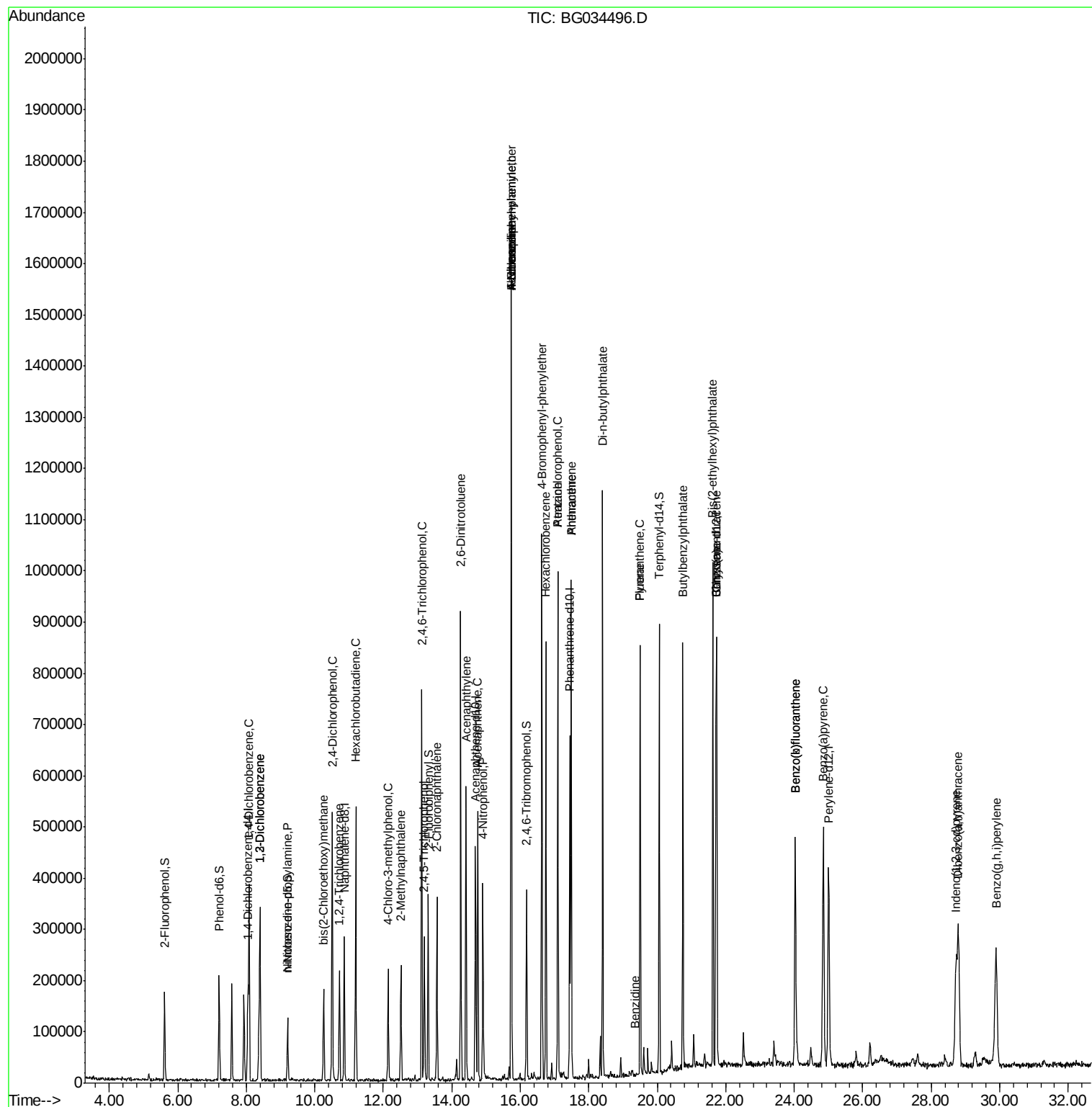
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.72	228	421563	17.328	nq	94
83) Bis(2-ethylhexyl)phthalate	21.62	149	384791	28.756	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.73	276	486589	15.631	nq #	54
87) Benzo(b)fluoranthene	24.03	252	461525	17.127	nq #	96
88) Benzo(k)fluoranthene	24.03	252	461525	18.030	nq #	96
89) Benzo(a)pyrene	24.84	252	564312	22.064	nq #	91
90) Dibenzo(a,h)anthracene	28.78	278	458877	18.092	nq #	94
91) Benzo(a,h,i)perylene	29.90	276	497573	19.515	nq #	90

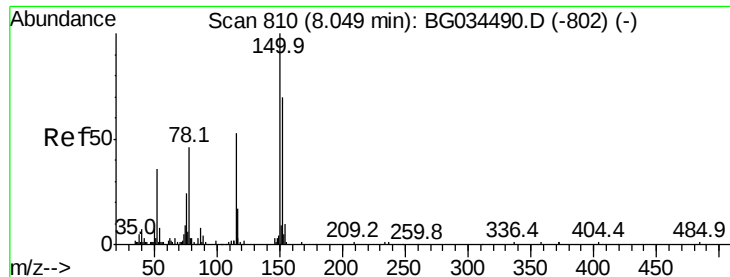
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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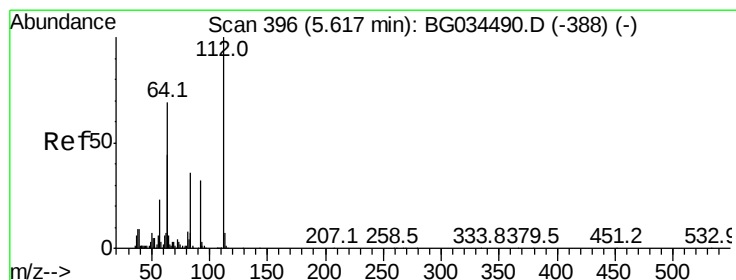
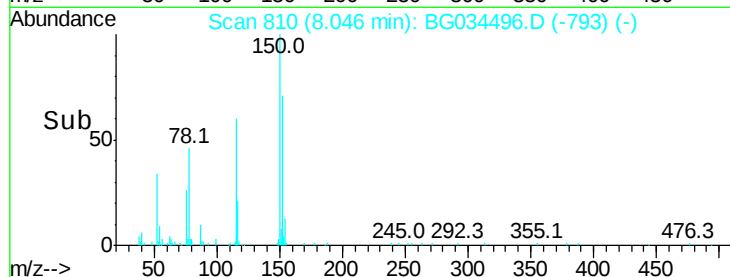
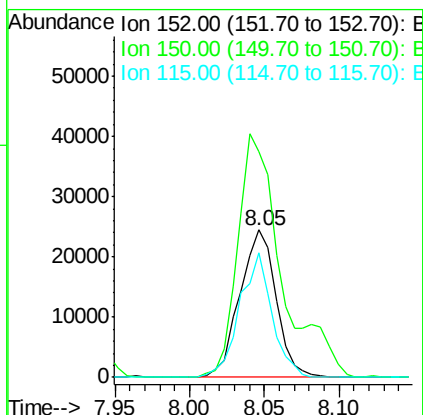
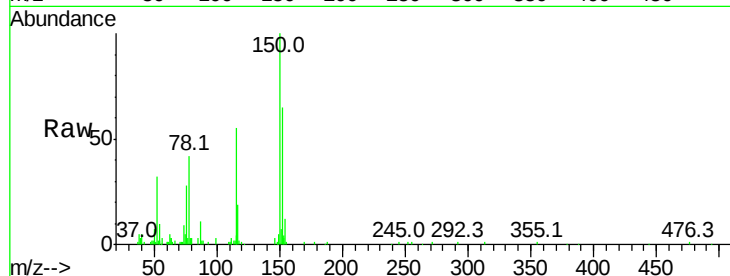


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Instrument :
BNA_G
ClientSampleId :

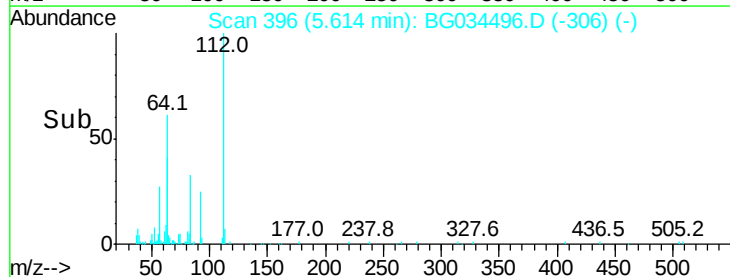
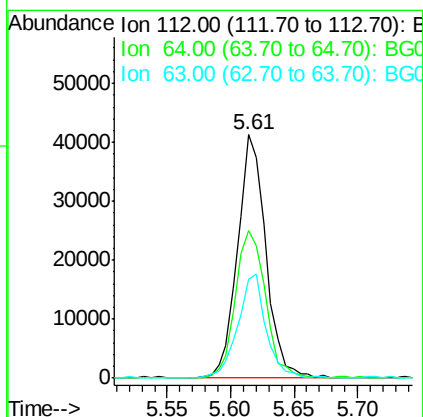
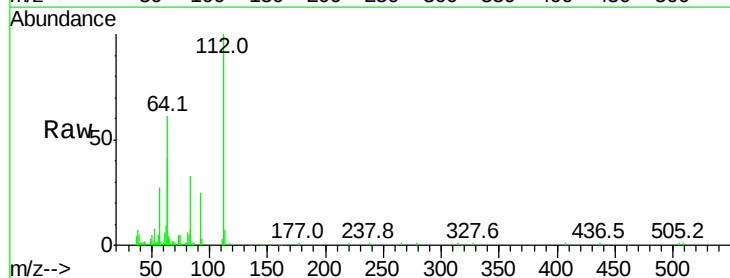
Tot Ion:152 Resp: 41056
Ion Ratio Lower Upper
152 100
150 145.3 126.6 189.8
115 80.5 53.0 79.4#

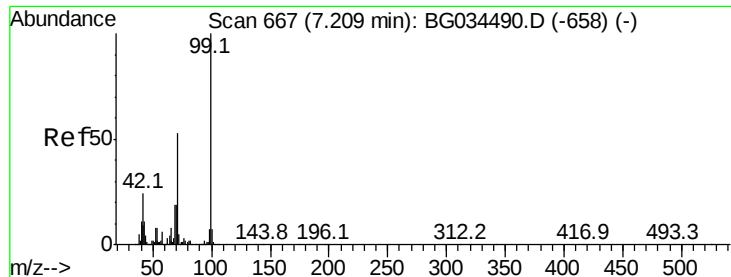


#5

2-Fluorophenol
Concen: 23.960 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion:112 Resp: 63867
Ion Ratio Lower Upper
112 100
64 60.8 56.3 84.5
63 40.7 30.1 45.1





#7

Phenol-d6

Concen: 23.819 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034496.D

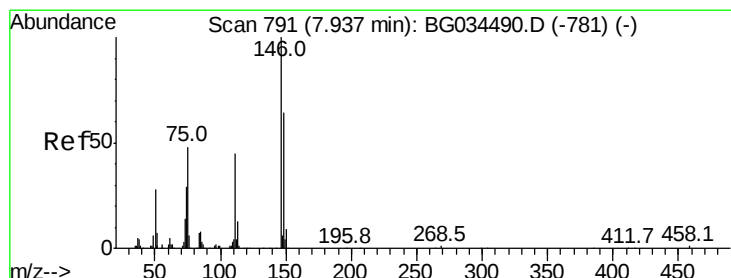
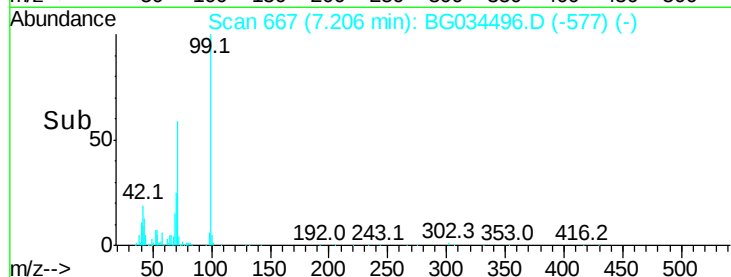
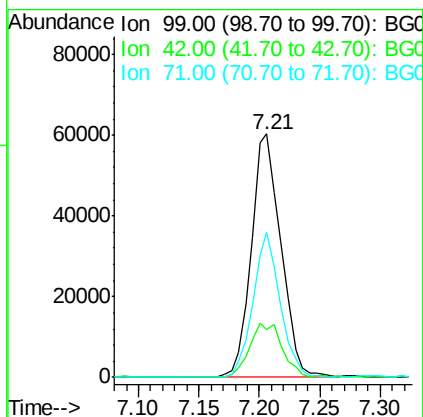
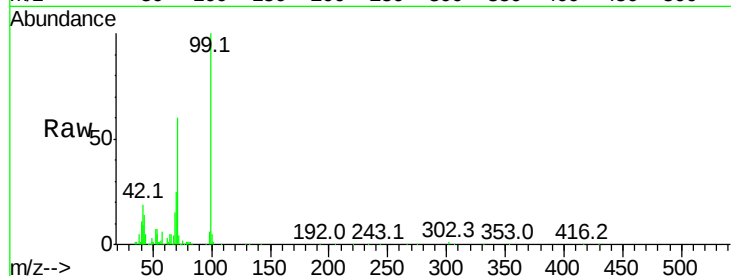
Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	99	Resp:	102707
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	59.7	26.1	39.1#



#12

1,3-Dichlorobenzene

Concen: 38.138 ng

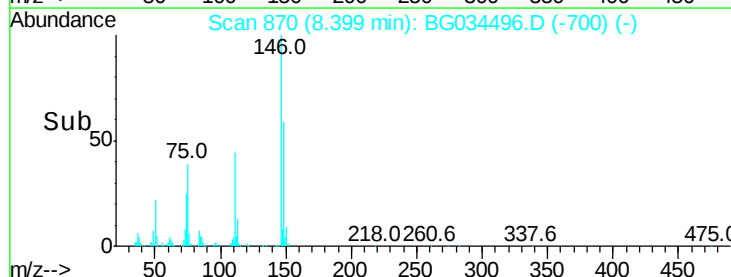
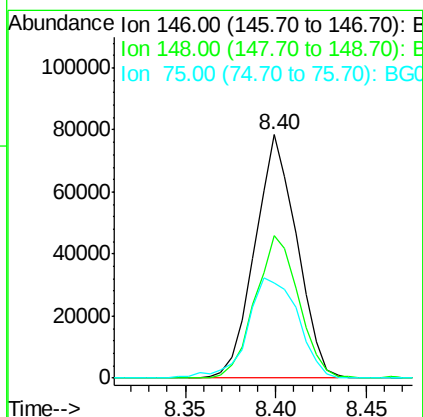
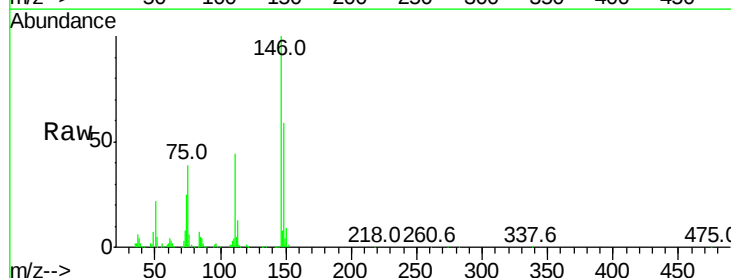
RT: 8.40 min Scan# 870

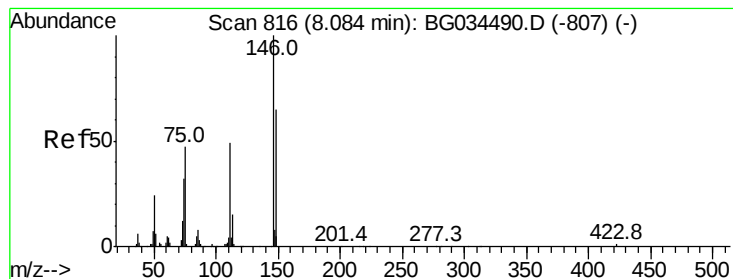
Delta R.T. 0.47 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tgt Ion:	146	Resp:	126517
Ion	Ratio	Lower	Upper
146	100		
148	58.7	51.4	77.2
75	38.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 41.737 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

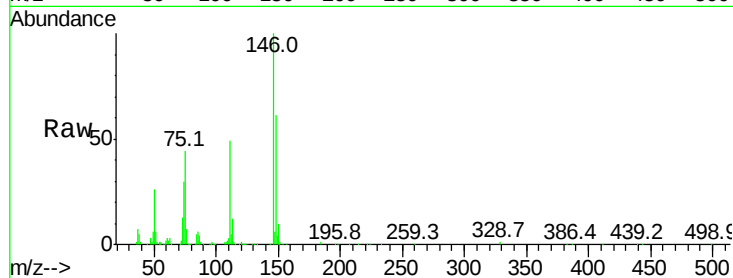
Tot Ion:146 Resp: 140981

Ion Ratio Lower Upper

146 100

148 60.6 53.7 80.5

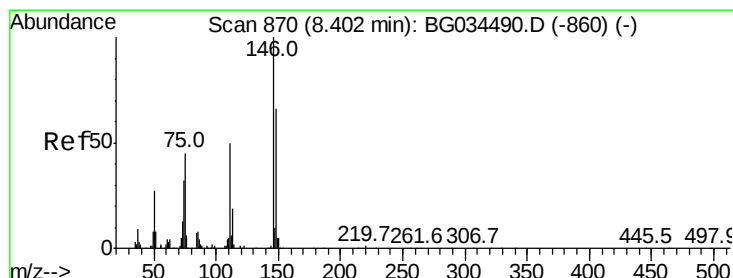
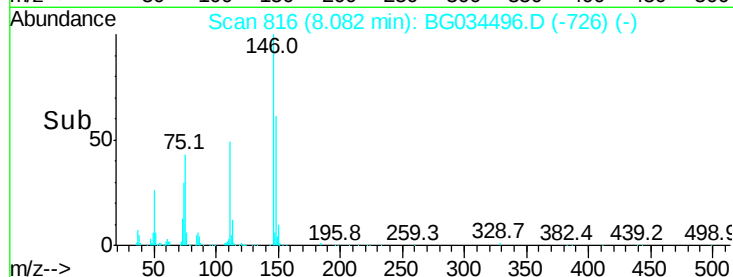
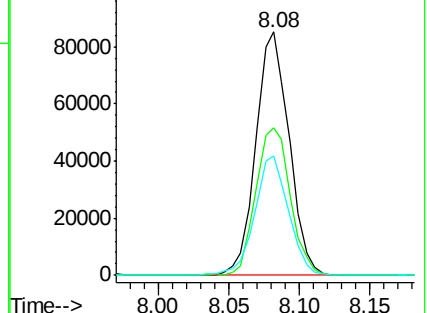
111 49.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.159 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

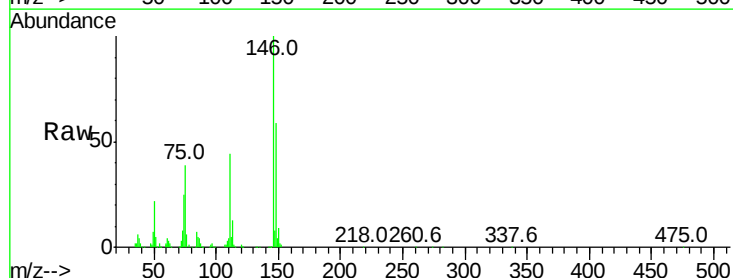
Tgt Ion:146 Resp: 126514

Ion Ratio Lower Upper

146 100

148 58.7 49.3 73.9

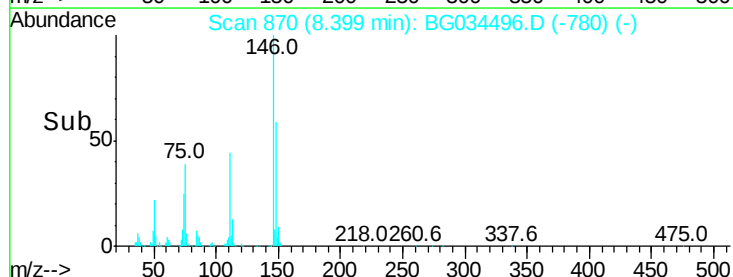
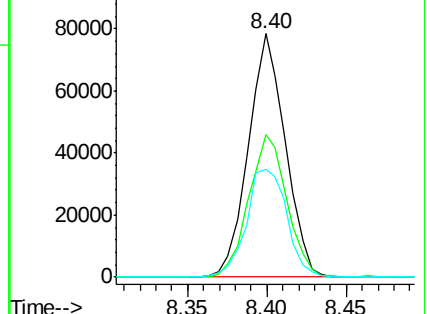
111 44.2 34.3 51.5

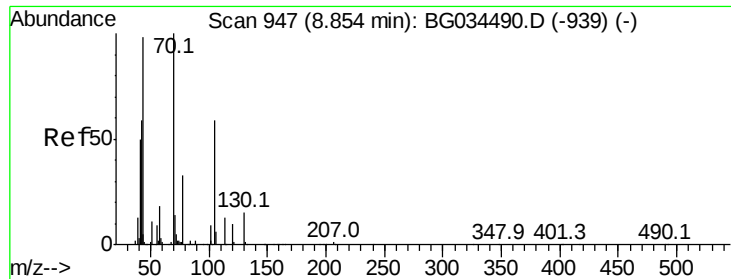


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

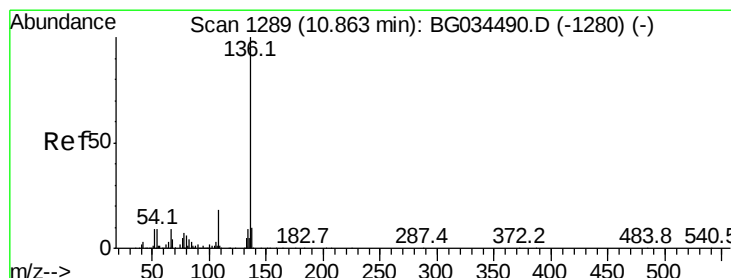
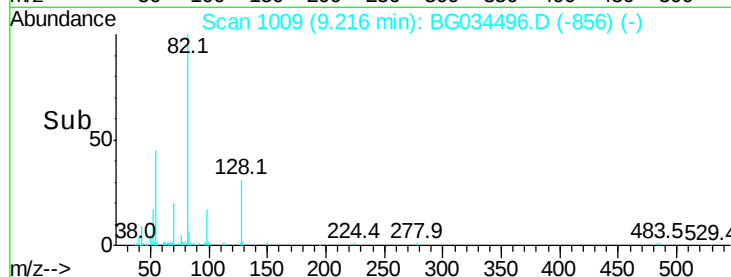
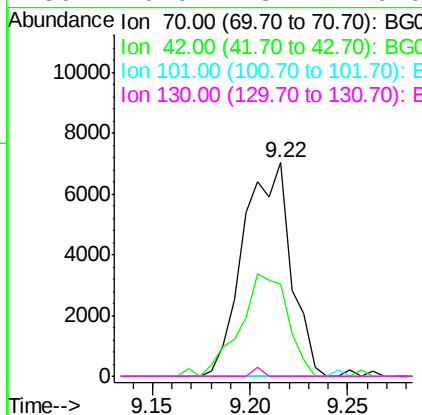
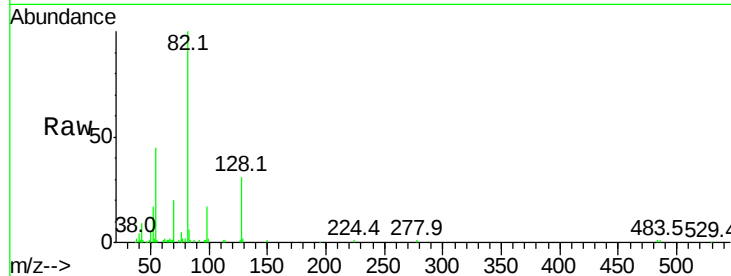




#19
n-Nitroso-di-n-propylamine
Concen: 3.359 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.37 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

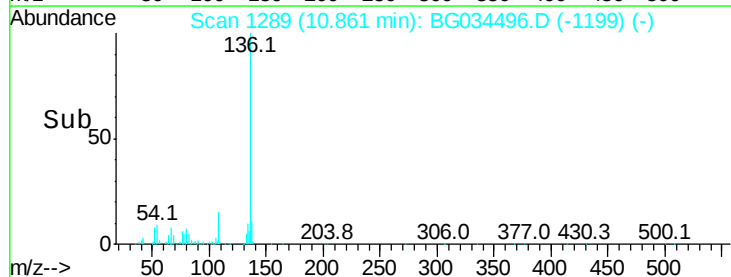
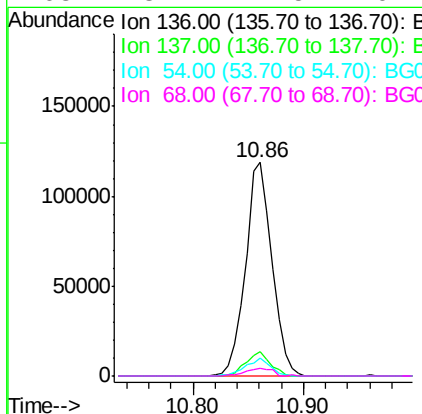
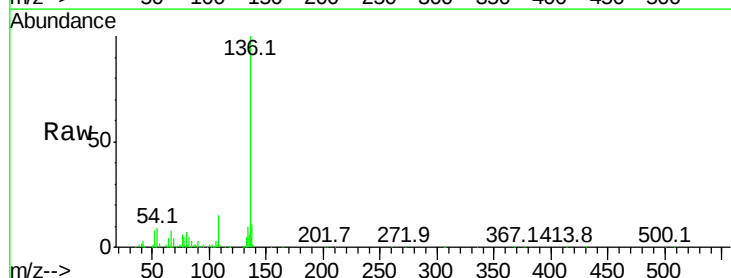
Instrument :
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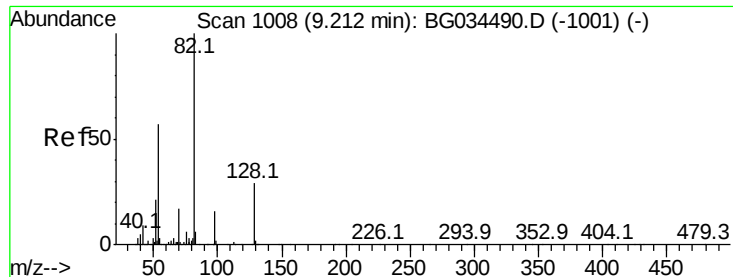
Tot Ion: 70 Resp: 11863
Ion Ratio Lower Upper
70 100
42 43.1 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion: 136 Resp: 199951
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.5 10.3 15.5#
68 3.7 4.5 6.7#

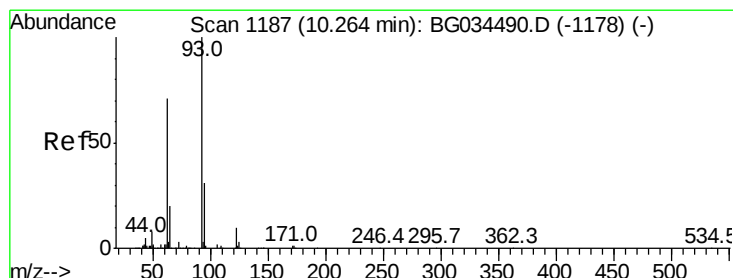
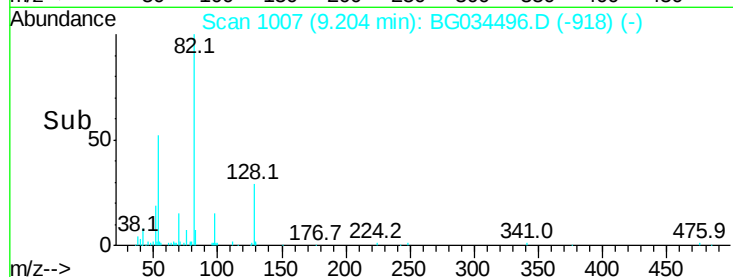
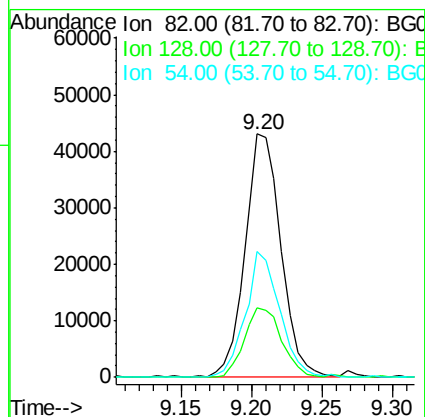
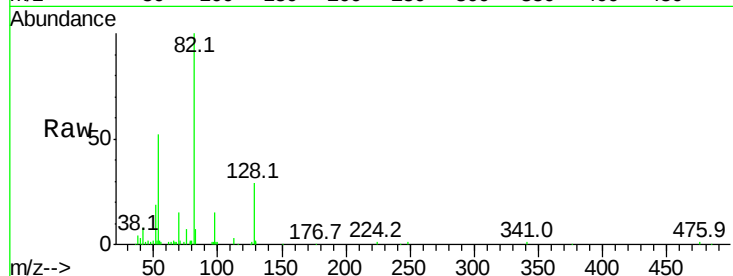




#23
 Nitrobenzene-d5
 Concen: 14.680 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

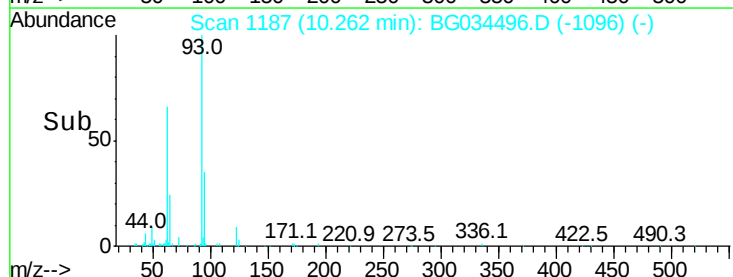
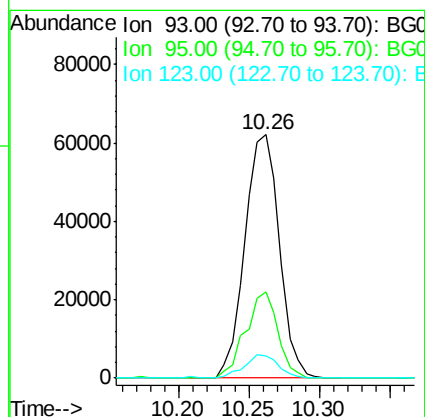
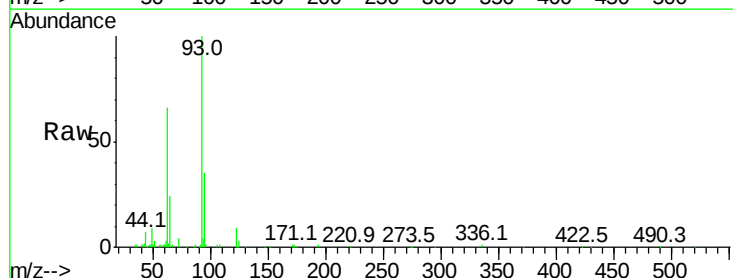
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 ClientSampleId :

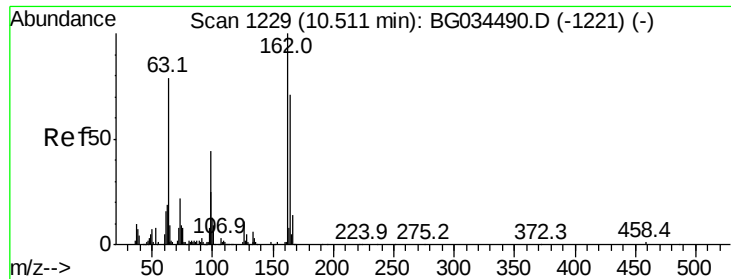
Tot Ion: 82 Resp: 76841
 Ion Ratio Lower Upper
 82 100
 128 28.5 29.7 44.5#
 54 51.7 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.838 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Tgt Ion: 93 Resp: 106410
 Ion Ratio Lower Upper
 93 100
 95 35.2 24.3 36.5
 123 9.1 8.4 12.6

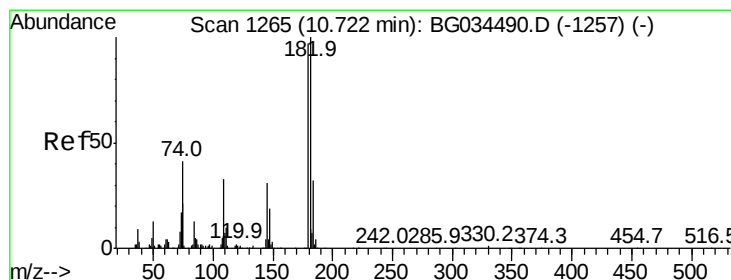
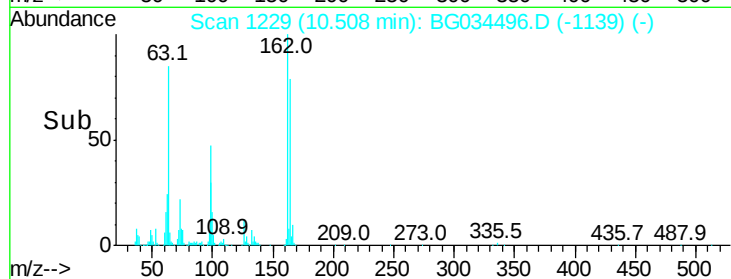
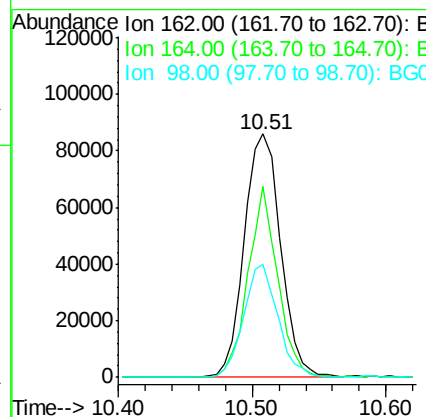
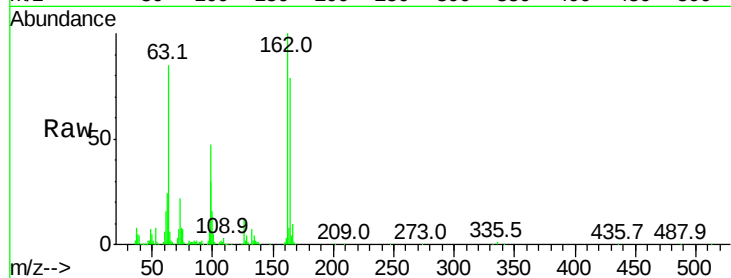




#29
2,4-Dichlorophenol
Concen: 45.701 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

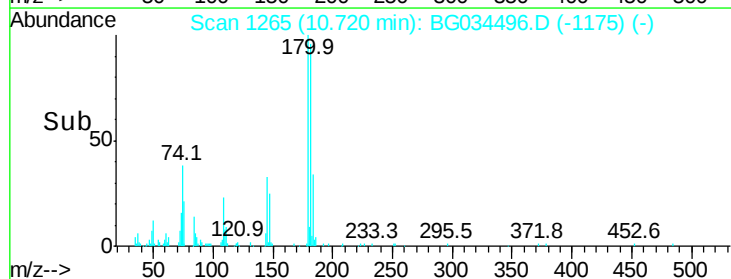
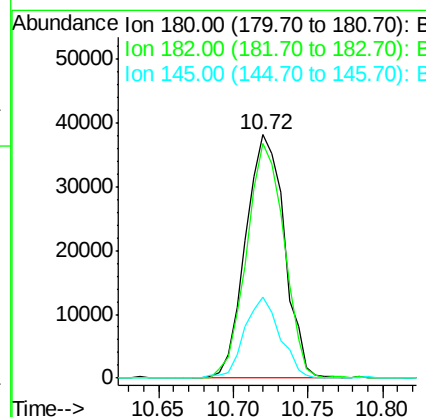
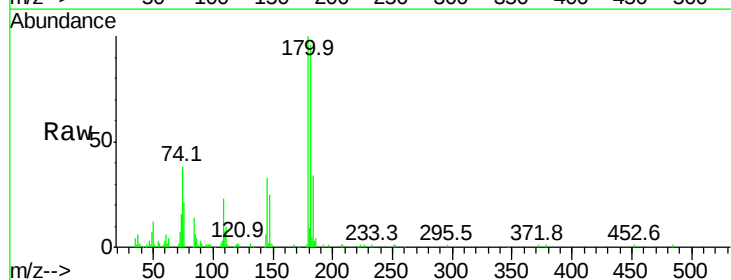
Instrument :
BNA_G
ClientSampleId :

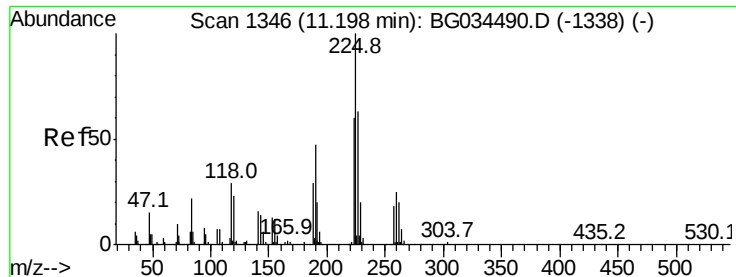
Tot Ion	Ratio	Lower	Upper
162	100		
164	78.7	48.0	88.0
98	46.6	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 16.313 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.5	116.3
145	33.3	23.4	35.2





#34

Hexachlorobutadiene

Concen: 37.301 ng

RT: 11.20 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

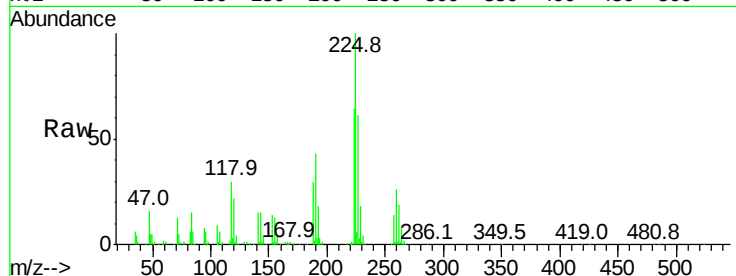
Instrument :

BNA_G

ClientSampled :

Tot Ion:225 Resp: 124639

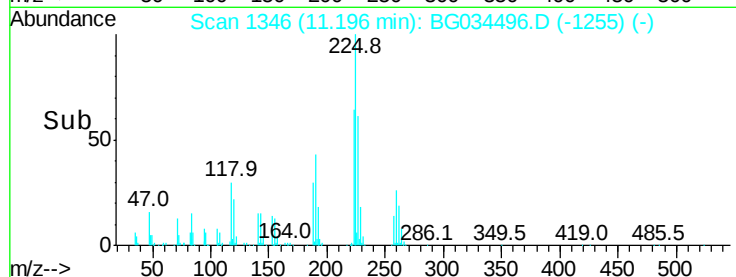
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.7	74.5
227	61.5	48.1	72.1



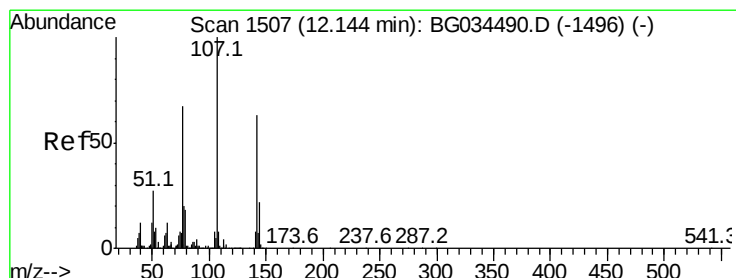
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time--> 11.10 11.15 11.20 11.25



#36

4-Chloro-3-methylphenol

Concen: 16.541 ng

RT: 12.14 min Scan# 1507

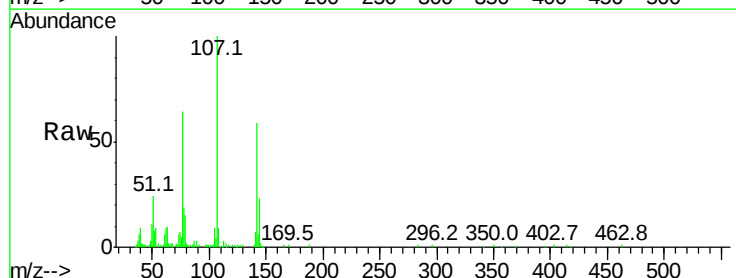
Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Tgt Ion:107 Resp: 78836

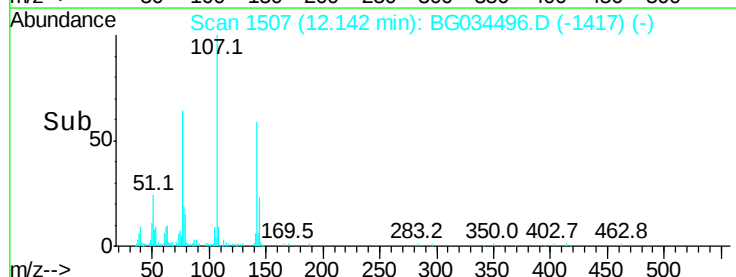
Ion	Ratio	Lower	Upper
107	100		
144	23.1	18.2	27.4
142	58.7	59.0	88.4#



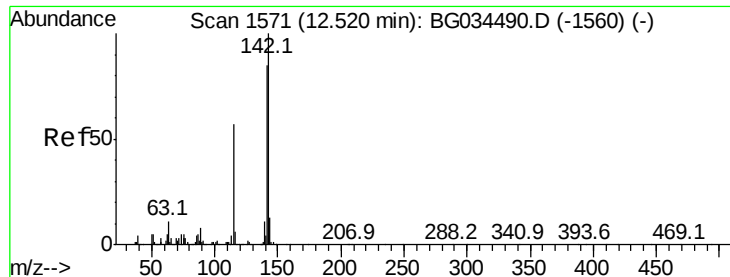
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



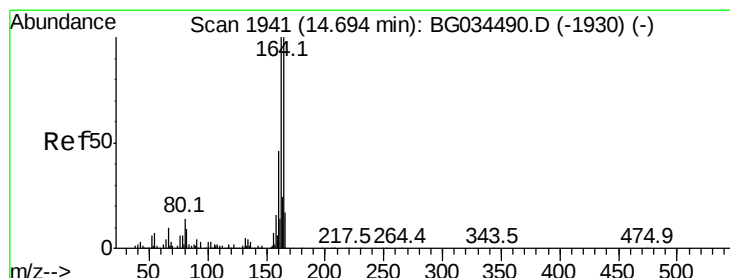
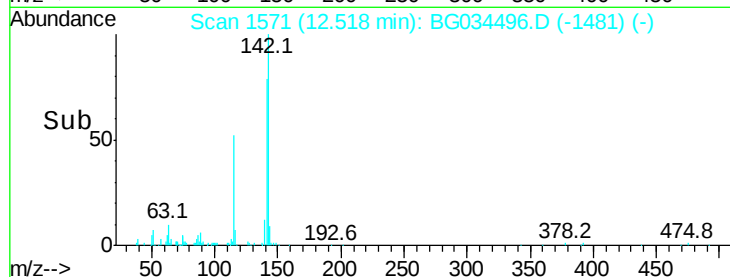
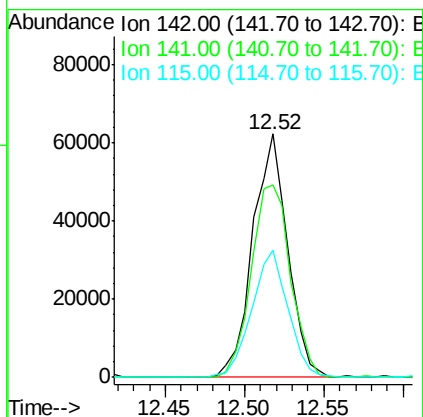
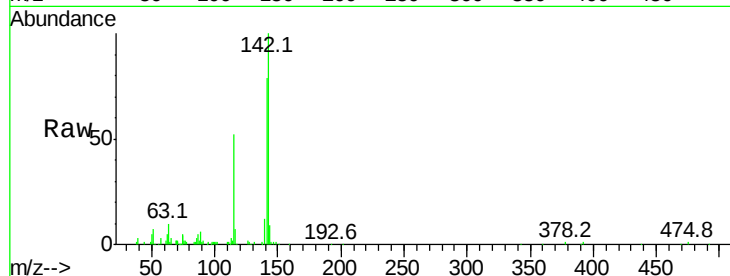
Time--> 12.10 12.14 12.18 12.22



#37
 2-Methylnaphthalene
 Concen: 11.383 ng
 RT: 12.52 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

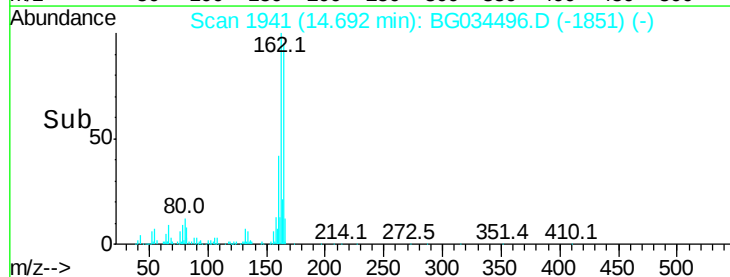
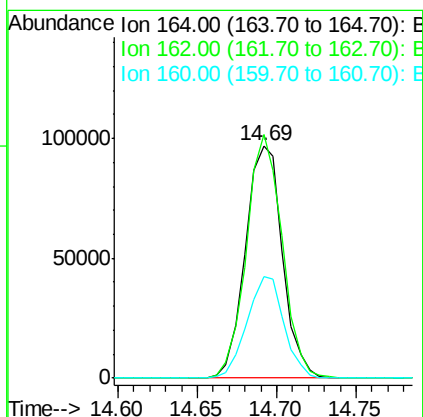
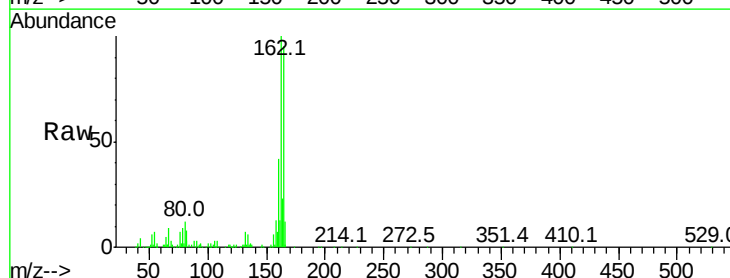
Instrument :
 BNA_G
 ClientSampleId :

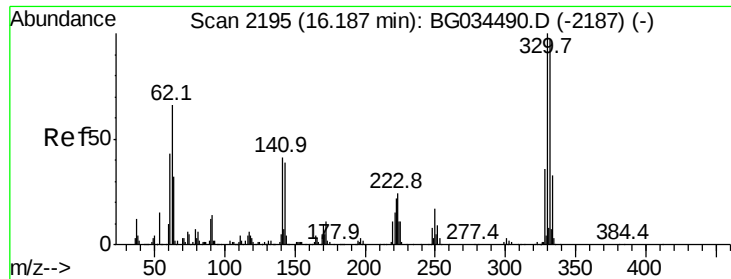
Tot Ion:142 Resp: 95572
 Ion Ratio Lower Upper
 142 100
 141 78.9 67.1 100.7
 115 52.2 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Tgt Ion:164 Resp: 157060
 Ion Ratio Lower Upper
 164 100
 162 104.8 78.8 118.2
 160 43.8 35.4 53.0

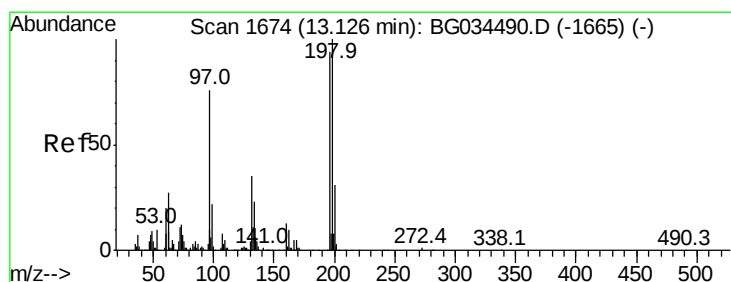
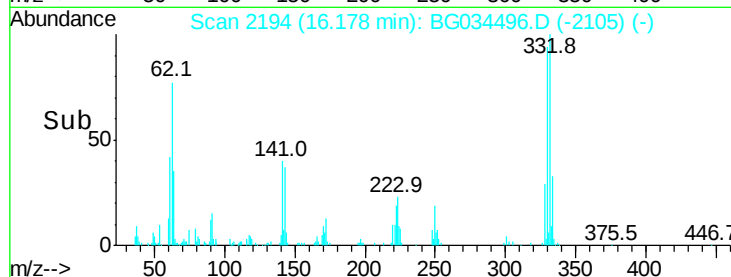
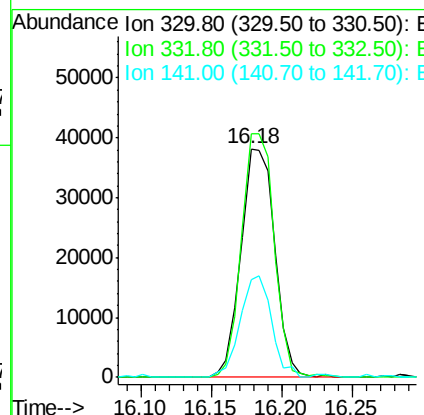
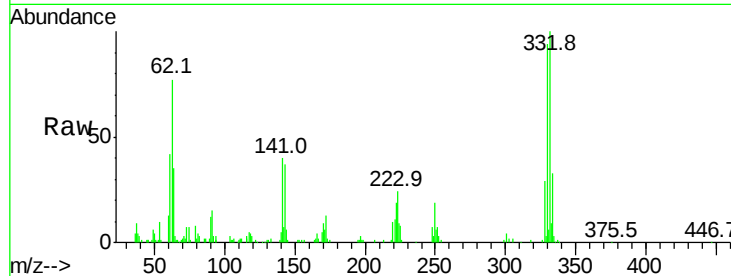




#41
 2,4,6-Tribromophenol
 Concen: 23.739 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

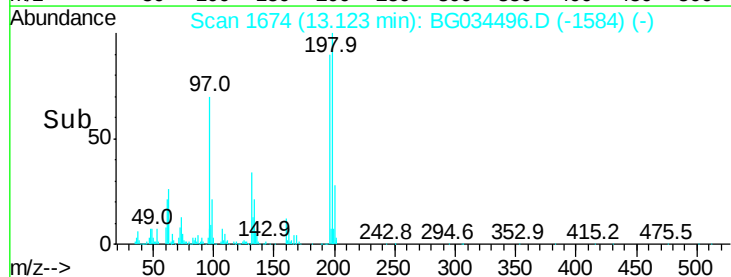
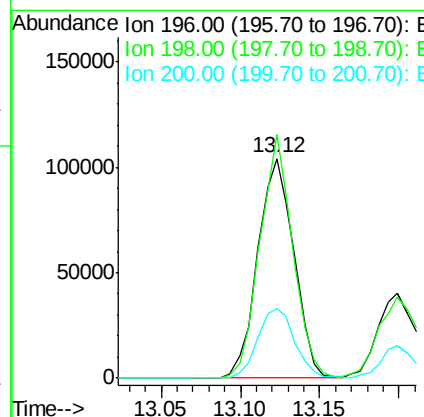
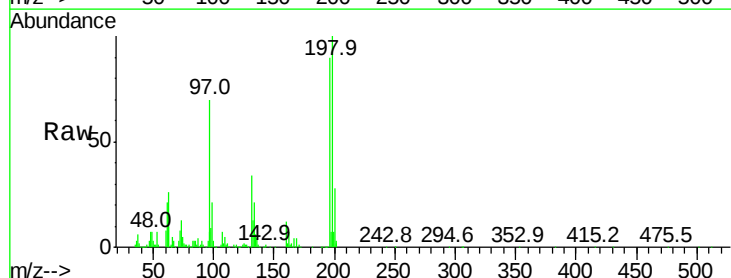
Instrument :
 BNA_G
 ClientSampleId :

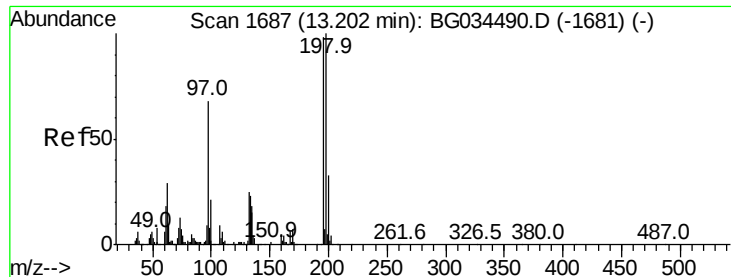
Tot Ion:330 Resp: 64215
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.0 115.6
 141 40.9 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 45.080 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Tgt Ion:196 Resp: 165539
 Ion Ratio Lower Upper
 196 100
 198 110.9 78.2 117.2
 200 31.4 24.6 36.8

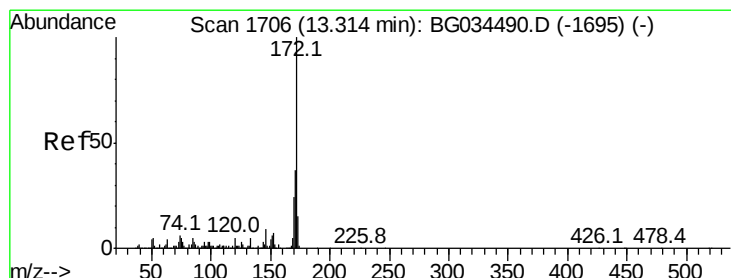
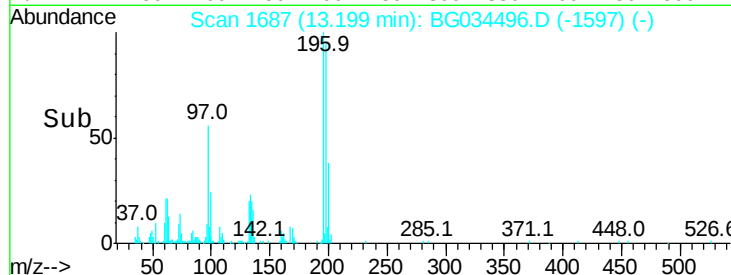
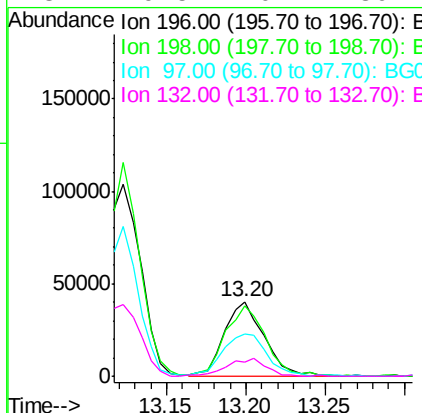
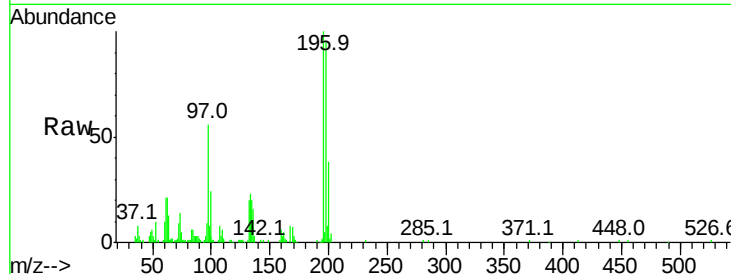




#43
2,4,5-Trichlorophenol
Concen: 17.391 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

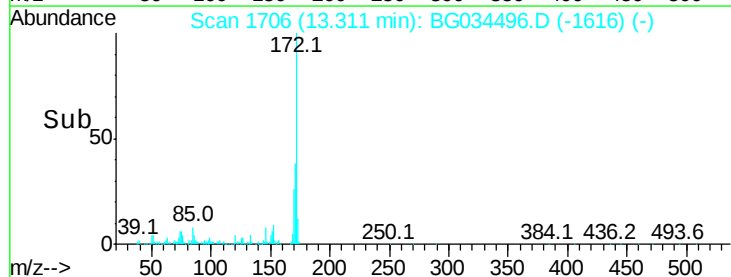
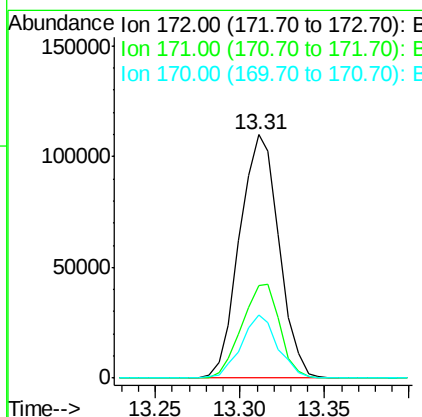
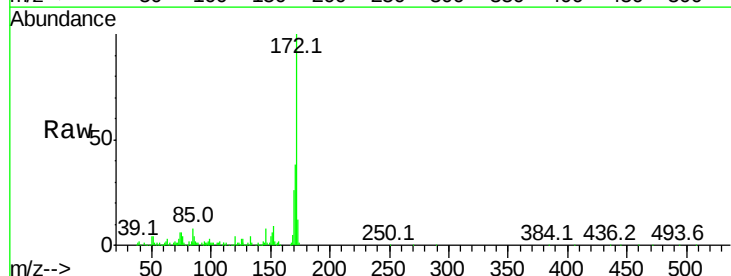
Instrument :
BNA_G
ClientSampleId :

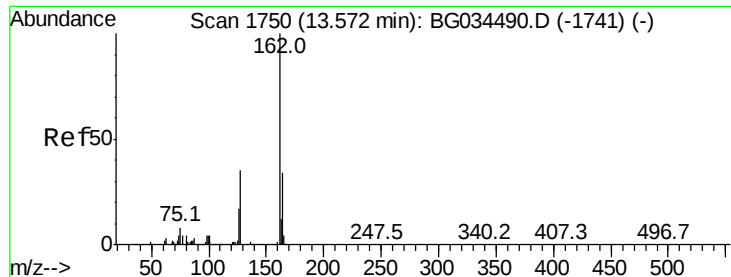
Tot Ion:196 Resp: 70071
Ion Ratio Lower Upper
196 100
198 94.8 76.2 114.4
97 56.4 38.7 58.1
132 19.5 20.2 30.2#



#44
2-Fluorobiphenyl
Concen: 15.379 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion:172 Resp: 177914
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 25.8 19.5 29.3

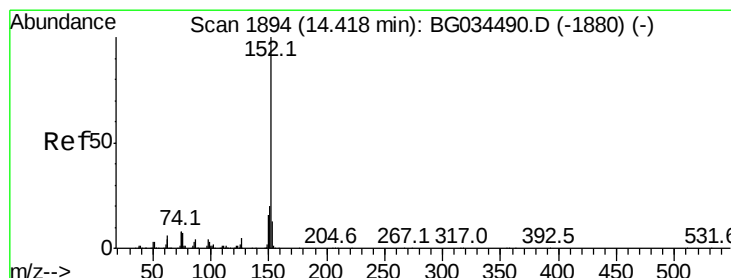
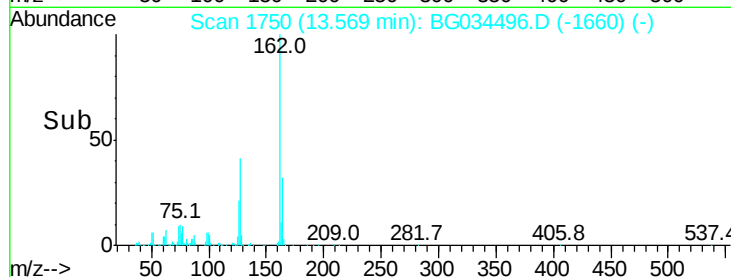
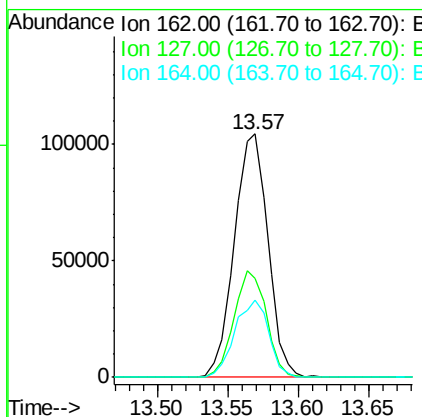
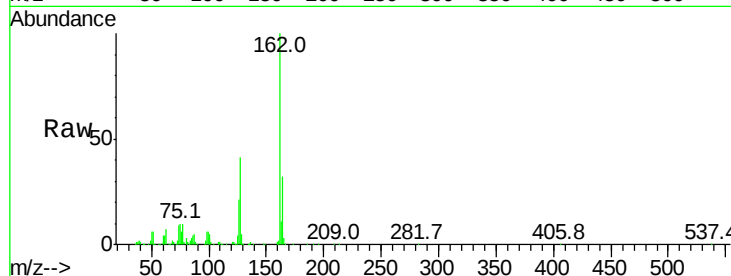




#46
2-Chloronaphthalene
Concen: 17.861 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

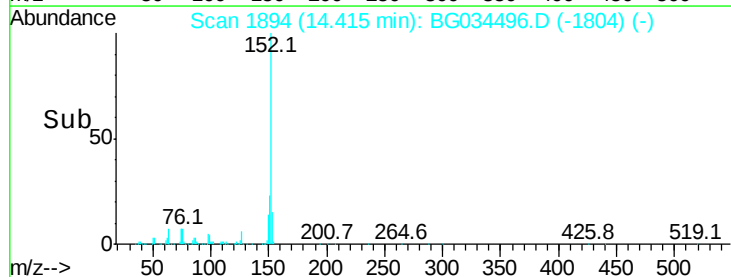
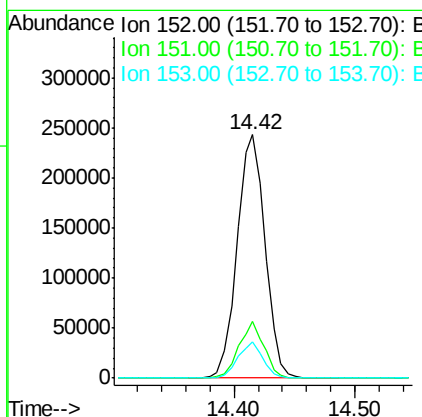
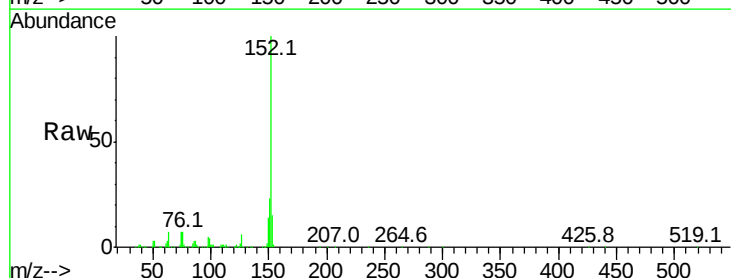
Instrument :
BNA_G
ClientSampleId :

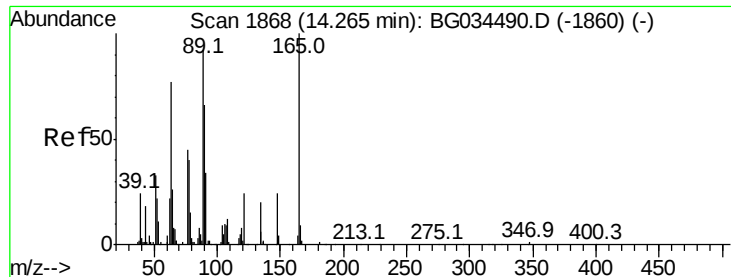
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	31.8	26.0	39.0



#48
Acenaphthylene
Concen: 26.267 ng
RT: 14.42 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.2	25.8
153	14.8	10.2	15.4





#50

2,6-Dinitrotoluene

Concen: 51.499 ng

RT: 14.26 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

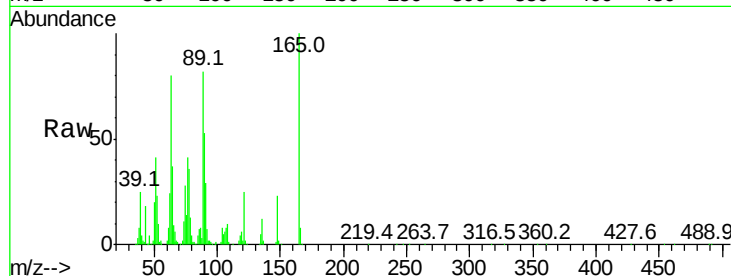
Tot Ion:165 Resp: 143171

Ion Ratio Lower Upper

165 100

63 80.5 52.7 79.1#

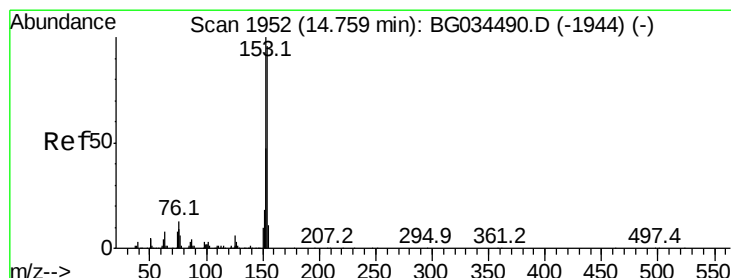
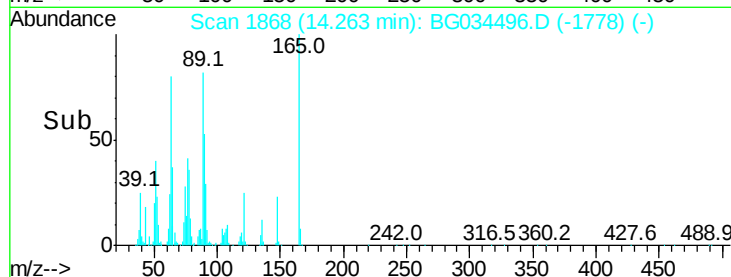
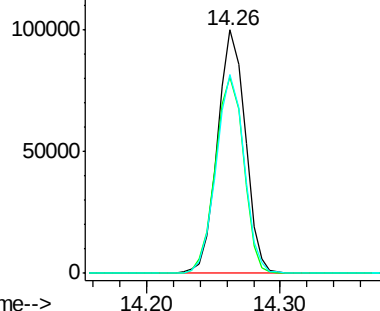
89 81.7 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#51

Acenaphthene

Concen: 20.015 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

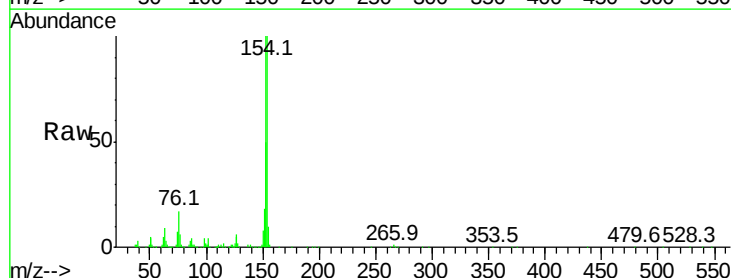
Tgt Ion:154 Resp: 193351

Ion Ratio Lower Upper

154 100

153 100.0 90.4 135.6

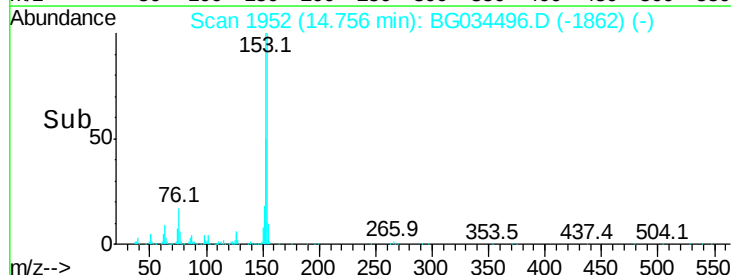
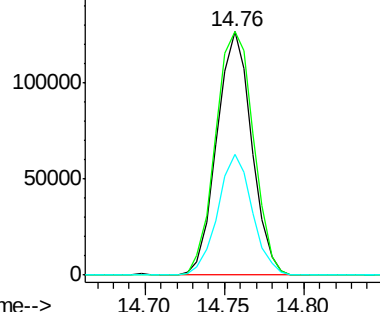
152 49.6 41.6 62.4

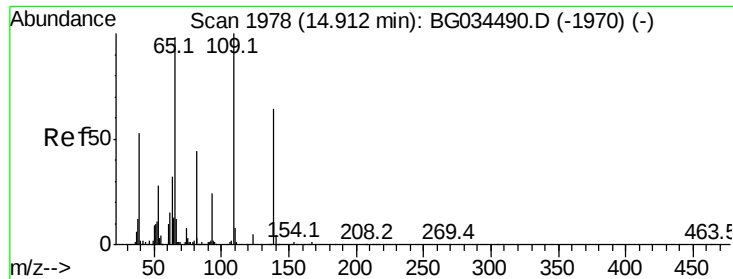


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

4-Nitrophenol

Concen: 31.878 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

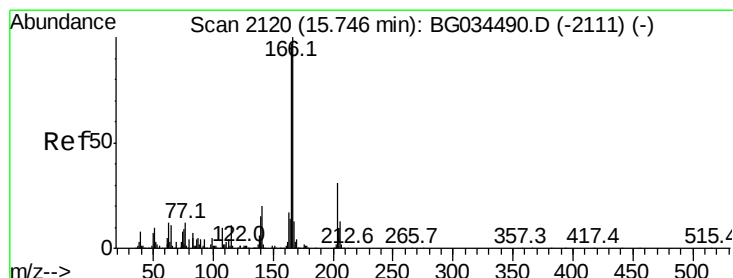
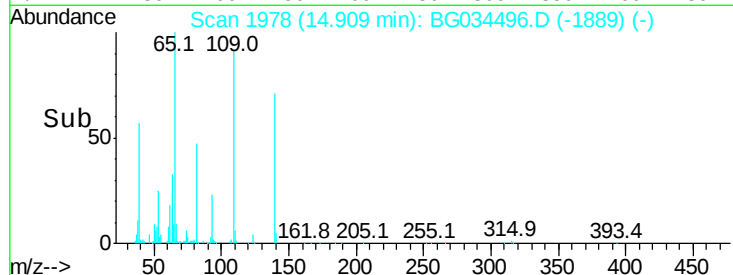
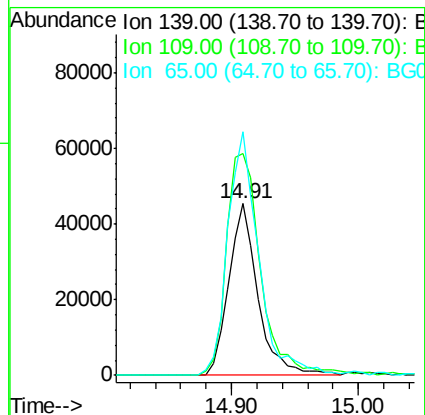
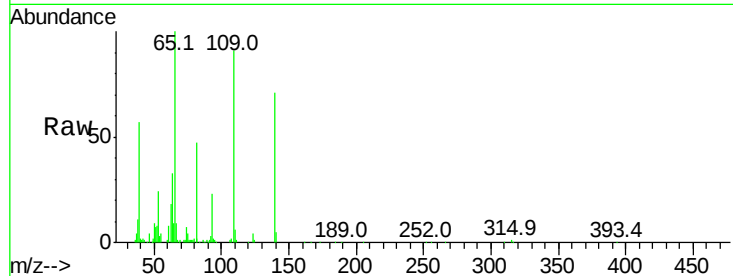
Tot Ion:139 Resp: 71979

Ion Ratio Lower Upper

139 100

109 129.0 62.2 102.2#

65 141.7 97.2 137.2#



#57

Fluorene

Concen: 22.441 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

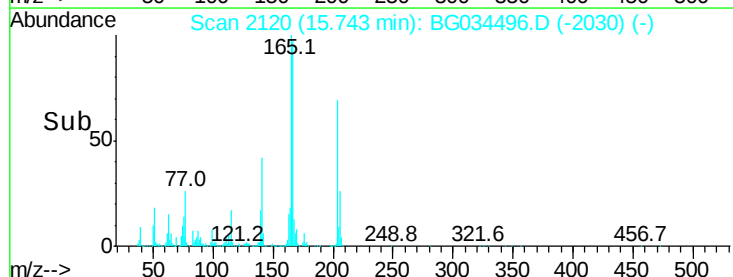
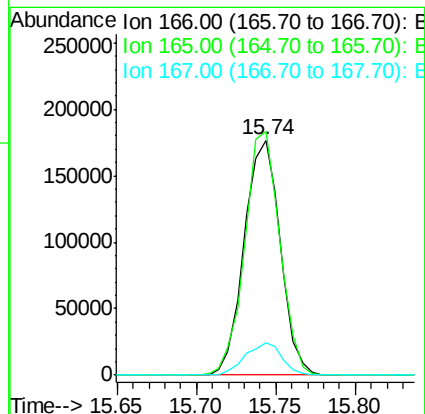
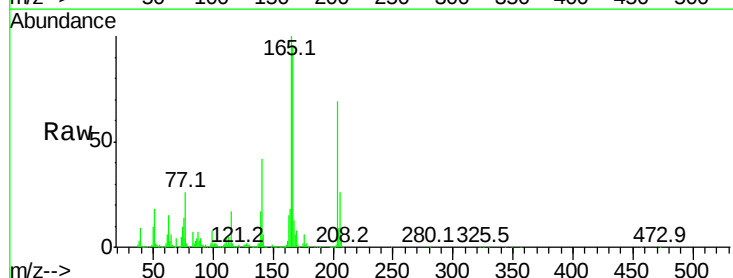
Tgt Ion:166 Resp: 277538

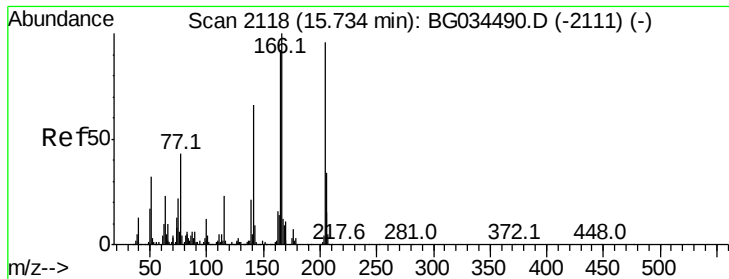
Ion Ratio Lower Upper

166 100

165 103.7 80.6 121.0

167 13.7 10.4 15.6





#60

4-Chlorophenyl-phenylether

Concen: 40.718 ng

RT: 15.74 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

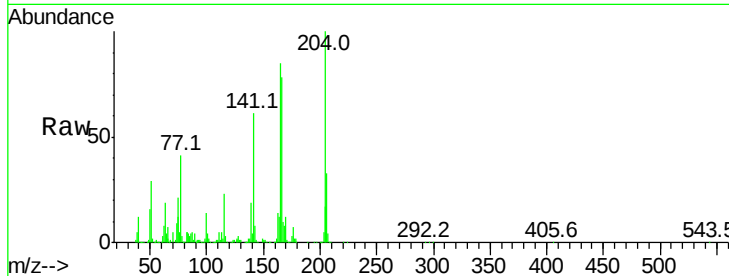
Tot Ion:204 Resp: 299043

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

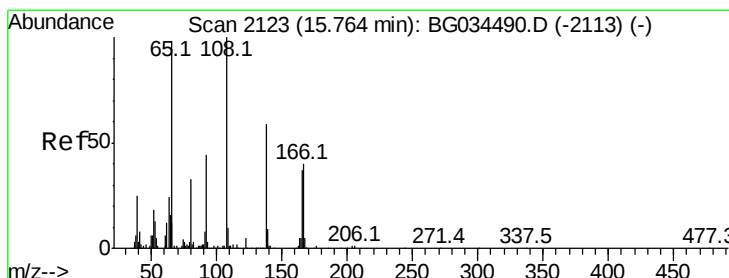
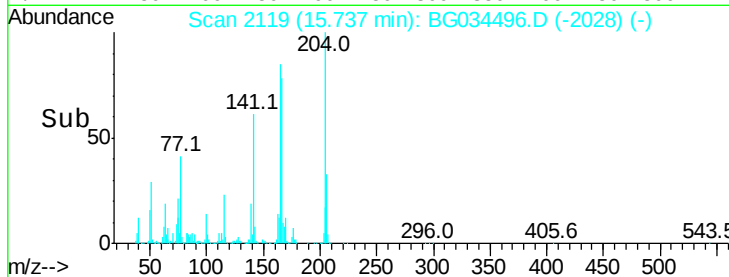
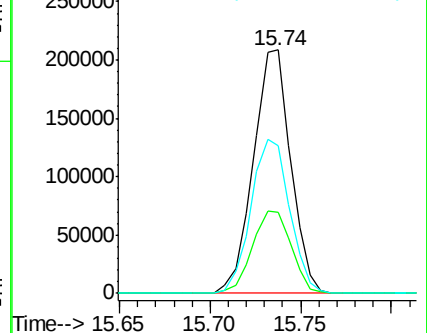
141 60.6 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 2.020 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

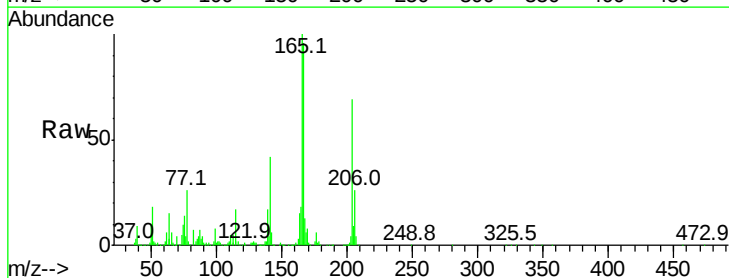
Tgt Ion:138 Resp: 5883

Ion Ratio Lower Upper

138 100

92 33.6 40.1 80.1#

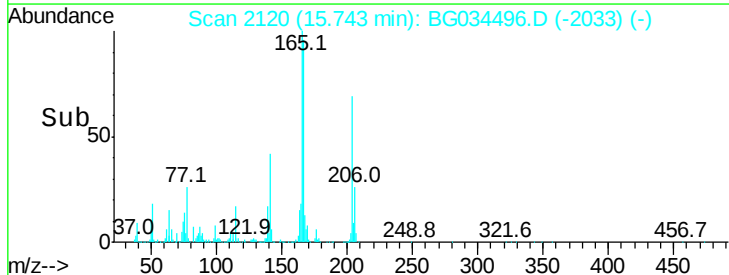
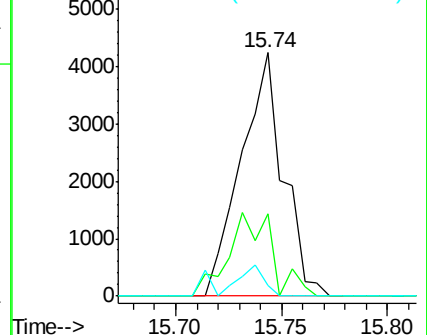
108 4.1 65.4 105.4#

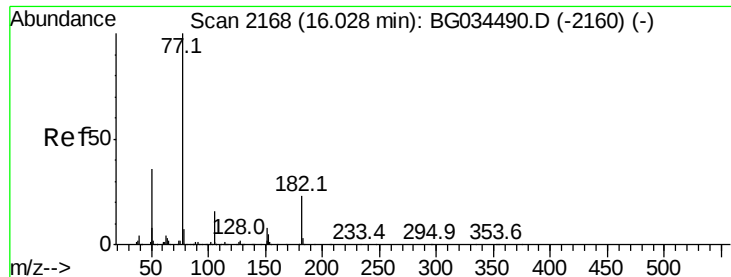


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 8.807 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.29 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 131816

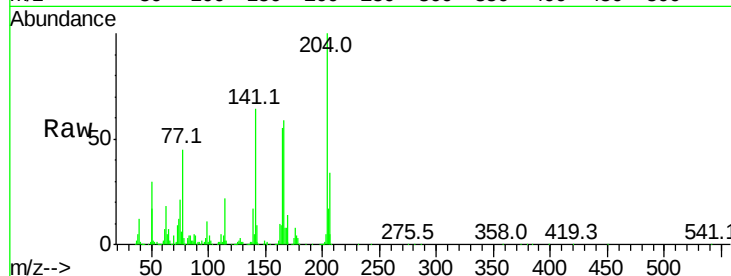
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 65.6 11.6 51.6#

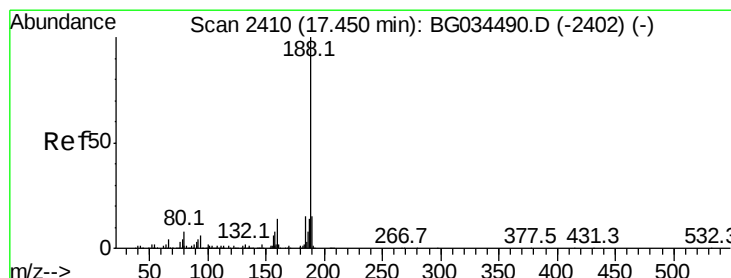
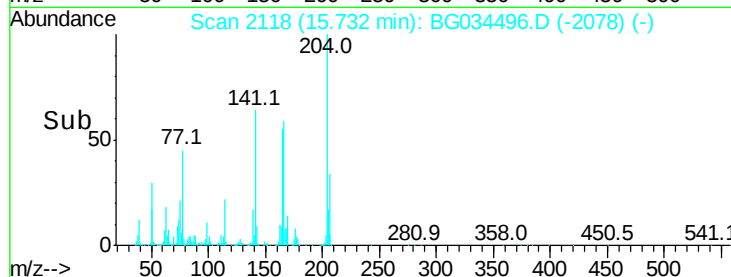
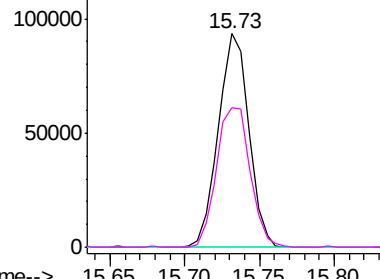


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

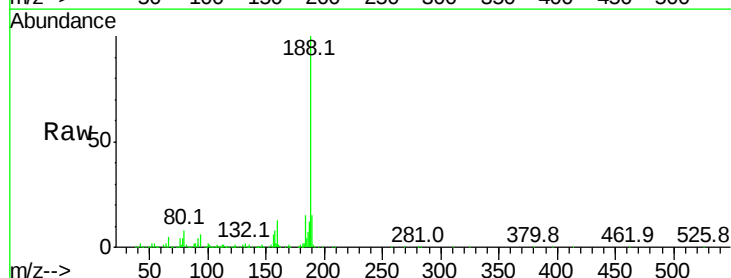
Tgt Ion: 188 Resp: 397474

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

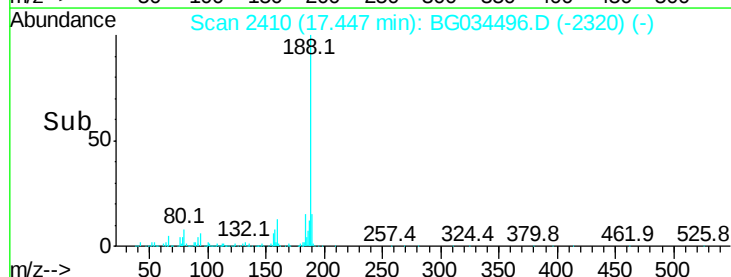
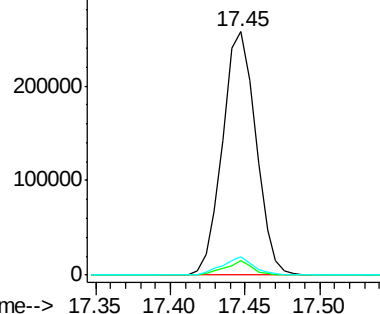
80 7.7 7.7 11.5#

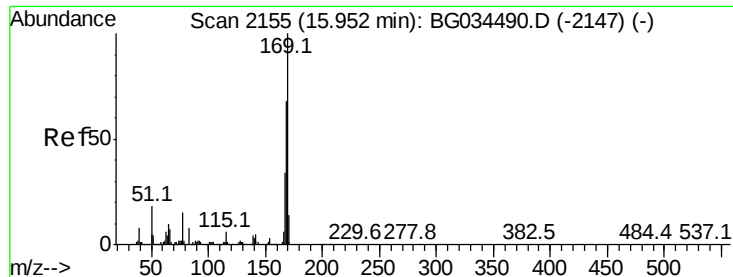


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

n-Nitrosodiphenylamine

Concen: 3.117 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.22 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

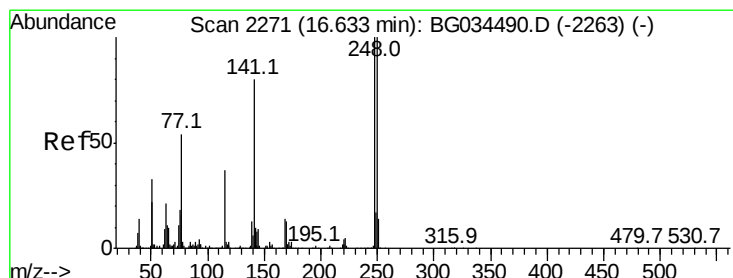
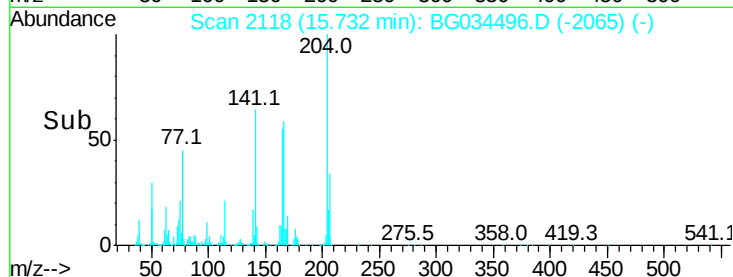
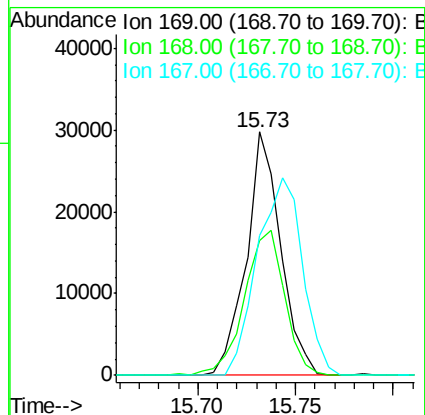
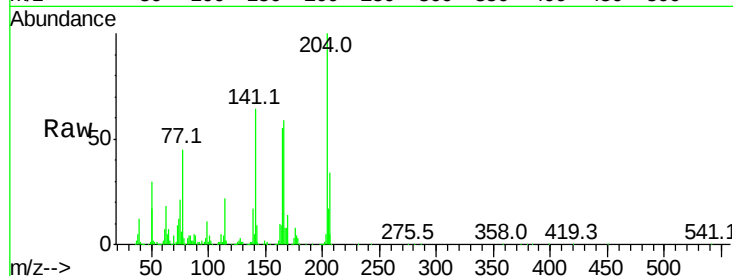
Tot Ion:169 Resp: 36233

Ion Ratio Lower Upper

169 100

168 55.3 55.7 83.5#

167 57.3 30.1 45.1#



#66

4-Bromophenyl-phenylether

Concen: 38.111 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

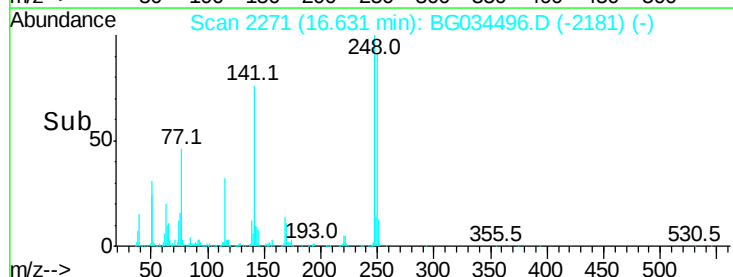
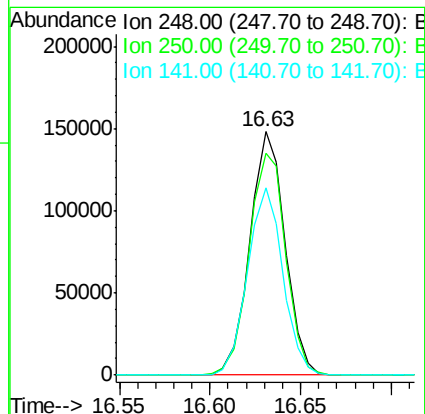
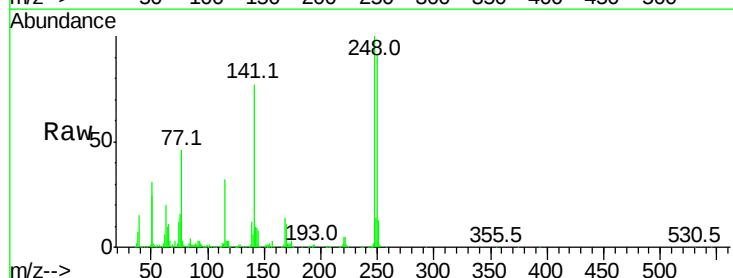
Tgt Ion:248 Resp: 199357

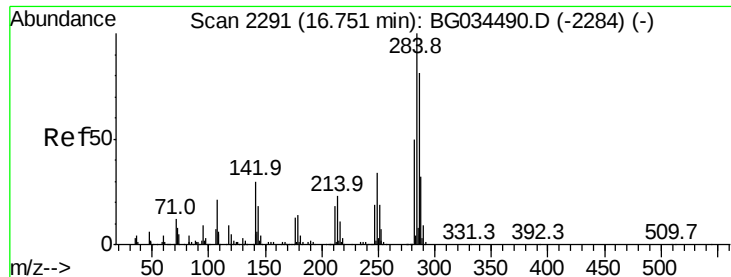
Ion Ratio Lower Upper

248 100

250 91.1 77.1 115.7

141 76.7 50.8 76.2#





#67

Hexachlorobenzene

Concen: 32.203 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

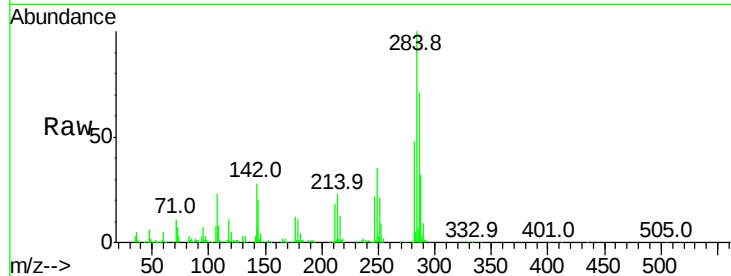
Tot Ion:284 Resp: 186146

Ion Ratio Lower Upper

284 100

142 28.2 26.8 40.2

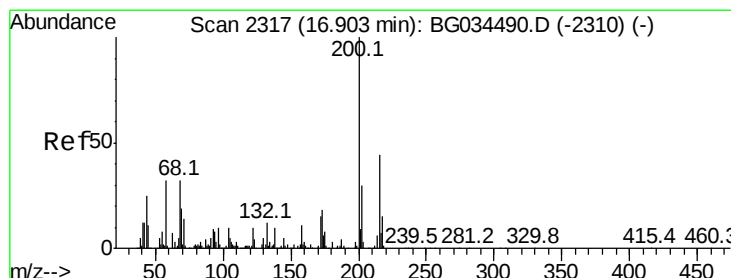
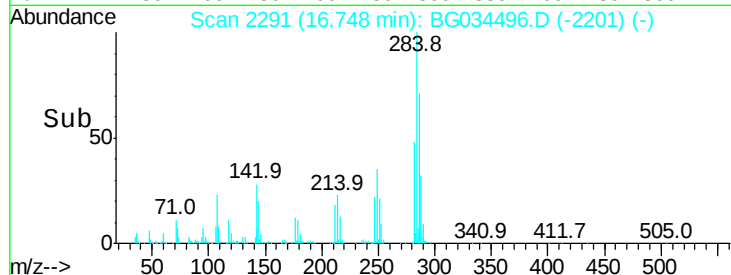
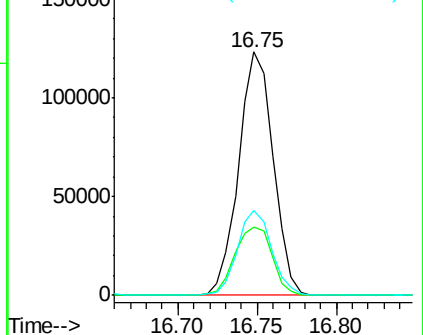
249 34.9 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 7.106 ng

RT: 17.09 min Scan# 2350

Delta R.T. 0.20 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

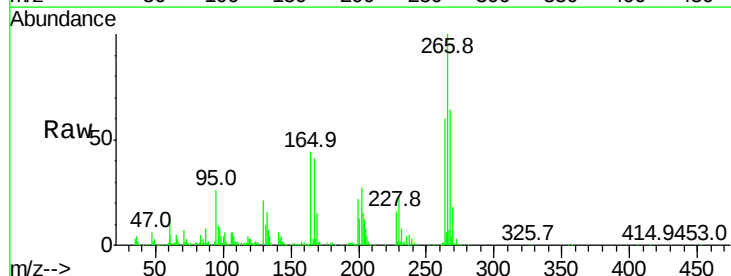
Tgt Ion:200 Resp: 36606

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

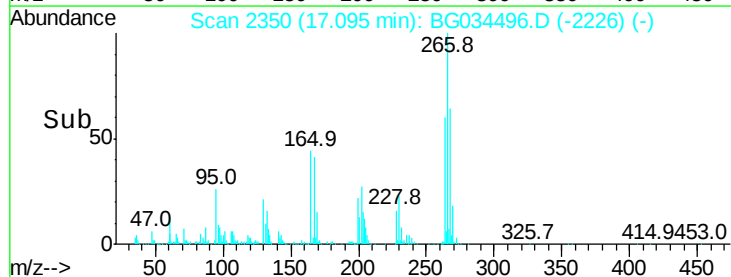
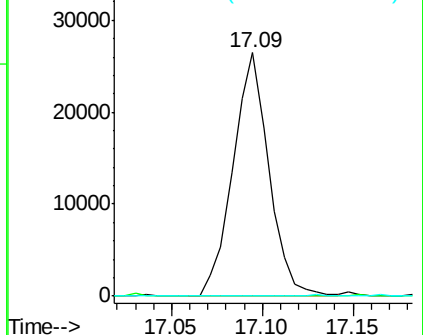
215 0.0 30.4 70.4#

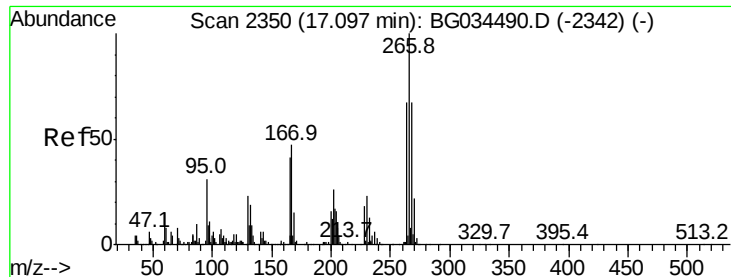


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 50.349 ng

RT: 17.09 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

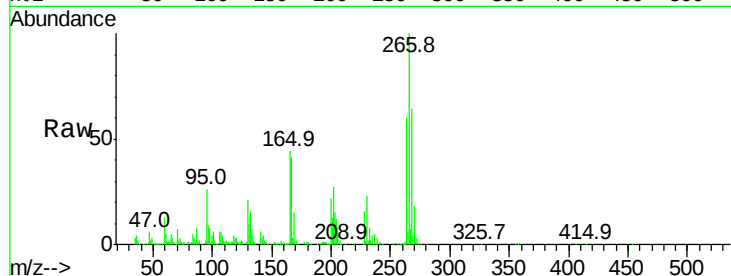
Tot Ion:266 Resp: 175512

Ion Ratio Lower Upper

266 100

268 64.4 51.1 76.7

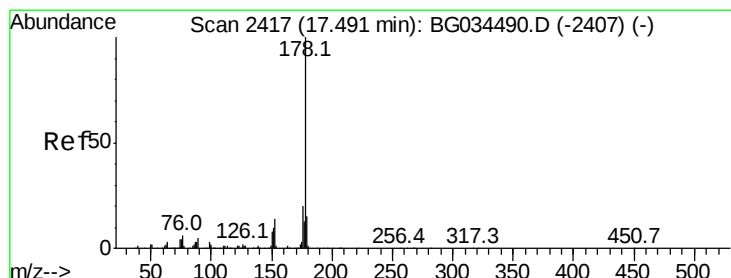
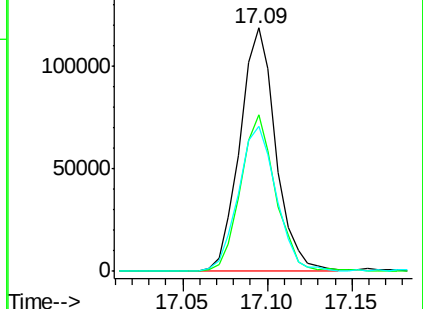
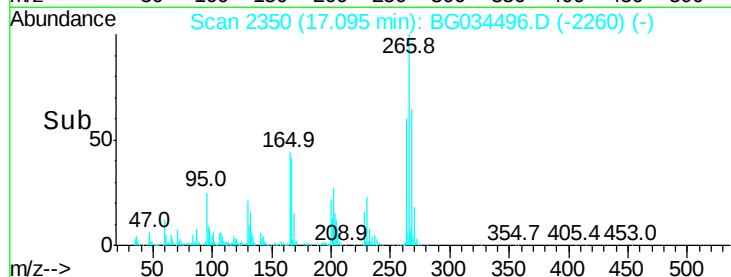
264 59.8 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 25.509 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

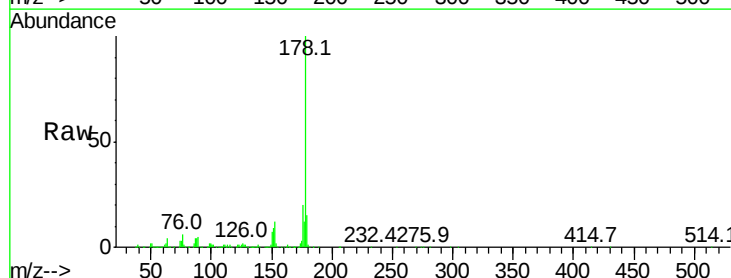
Tgt Ion:178 Resp: 552230

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

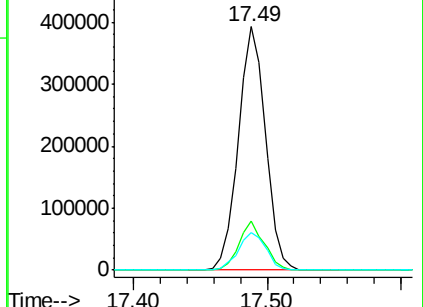
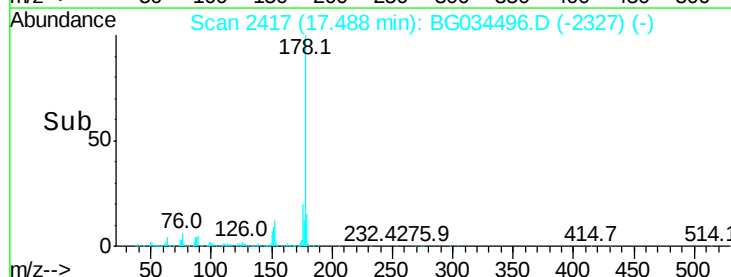
179 15.2 12.5 18.7

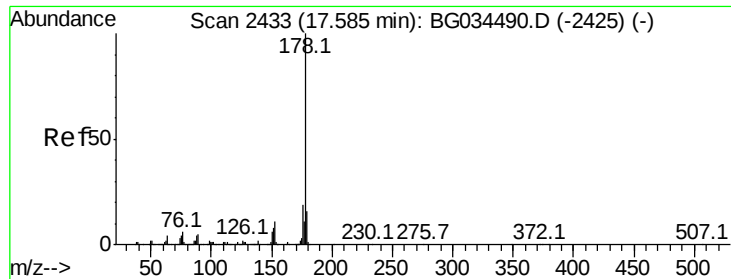


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

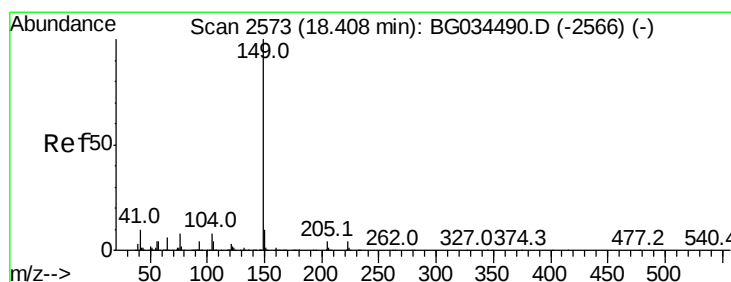
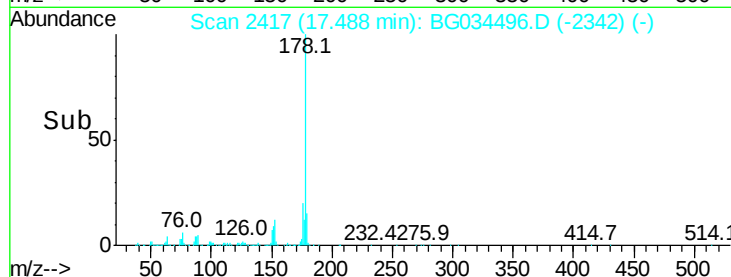
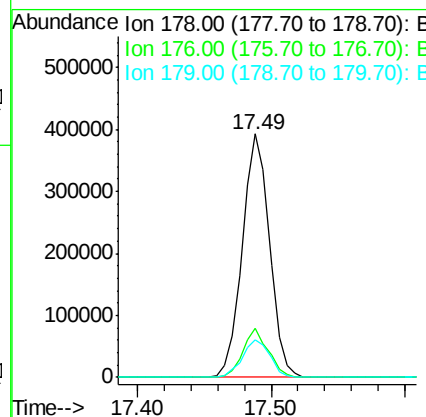
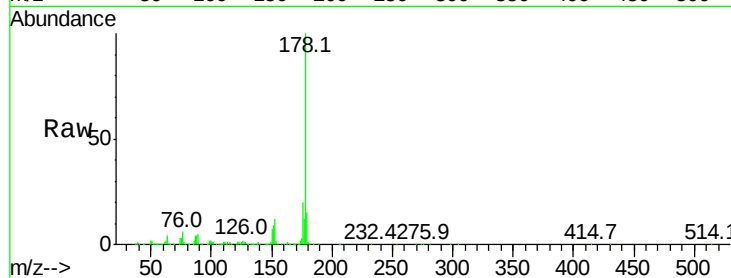




#71
 Anthracene
 Concen: 25.174 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.09 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

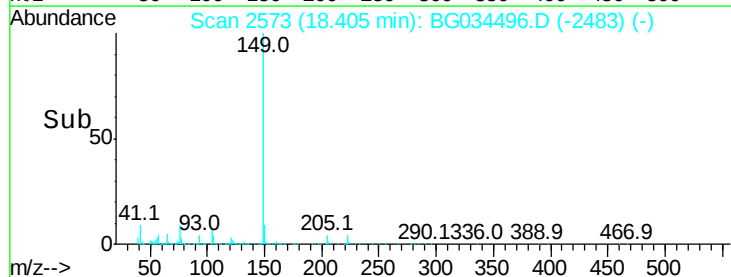
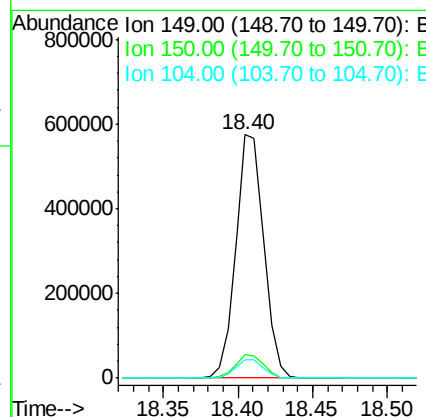
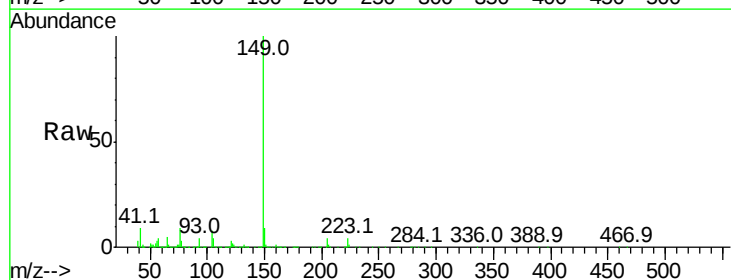
Instrument :
 BNA_G
 ClientSampleId :

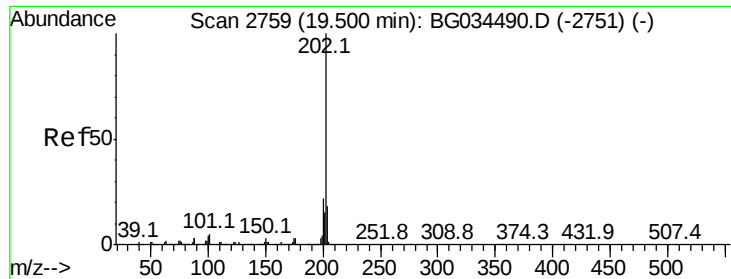
Tot Ion:178 Resp: 552230
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.2 12.5 18.7



#73
 Di-n-butylphthalate
 Concen: 33.570 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Tgt Ion:149 Resp: 754525
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 7.7 3.9 5.9#





#74

Fluoranthene

Concen: 20.427 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

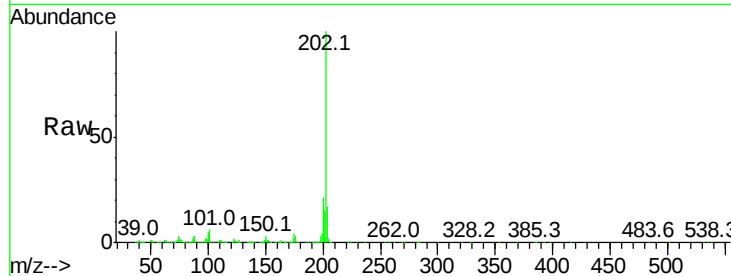
Tot Ion:202 Resp: 543474

Ion Ratio Lower Upper

202 100

101 5.5 0.0 28.9

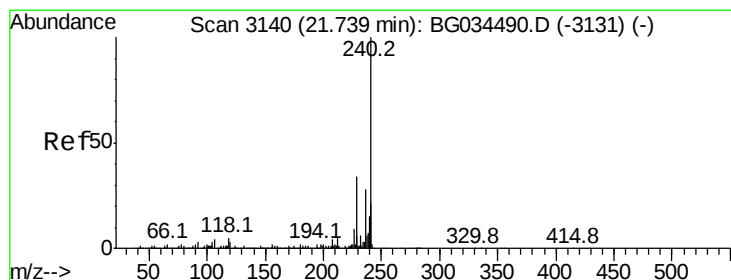
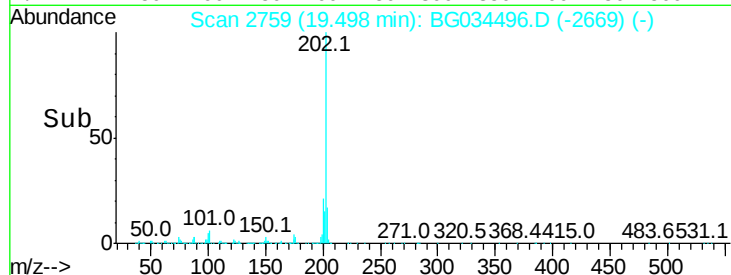
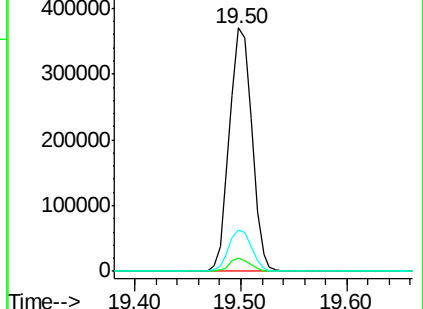
203 16.9 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

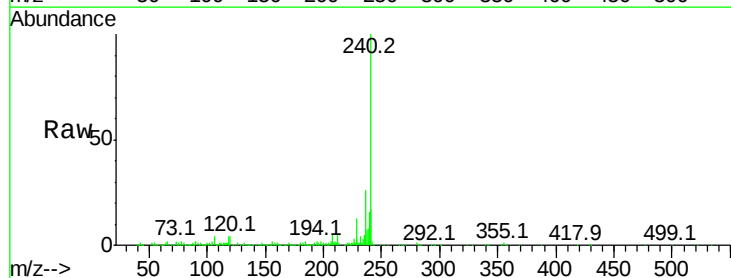
Tgt Ion:240 Resp: 408240

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

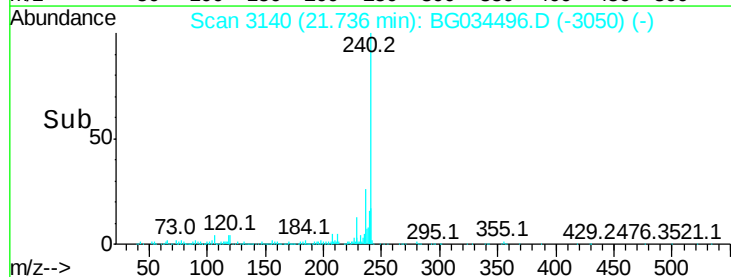
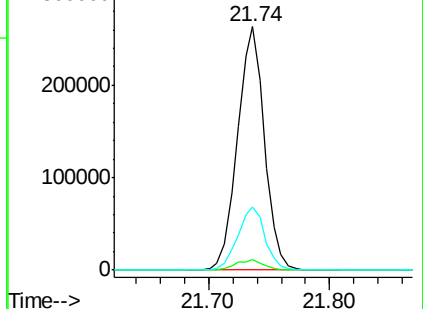
236 25.9 20.9 31.3

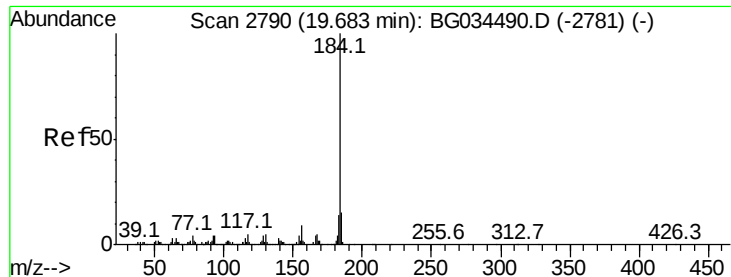


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.445 ng

RT: 19.34 min Scan# 2733

Delta R.T. -0.34 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

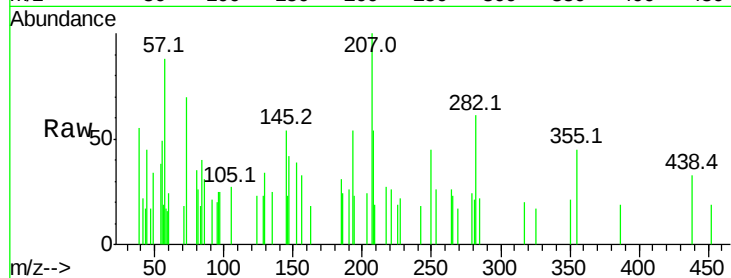
Tot Ion:184 Resp: 229

Ion Ratio Lower Upper

184 100

185 0.0 11.1 16.7#

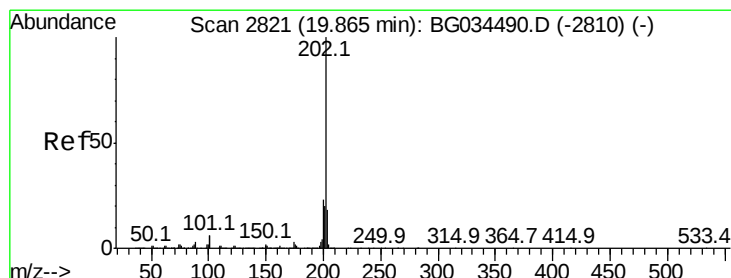
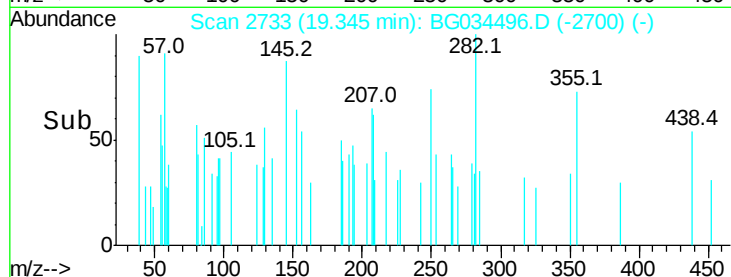
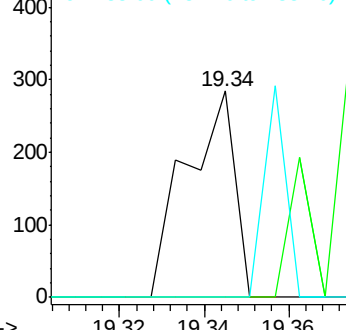
183 0.0 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 21.268 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.37 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

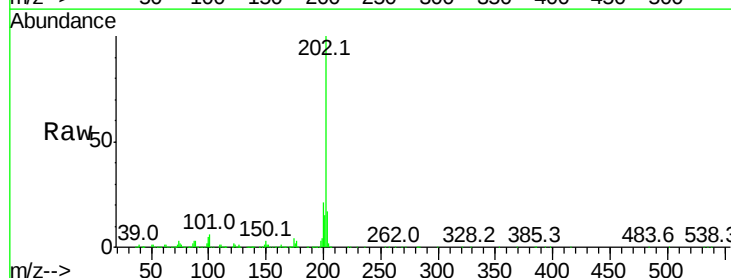
Tgt Ion:202 Resp: 543474

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

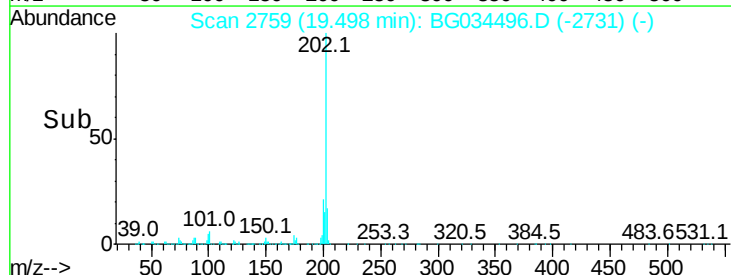
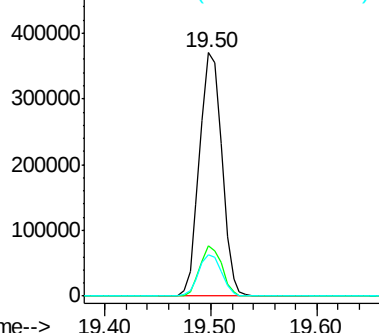
203 16.9 13.9 20.9

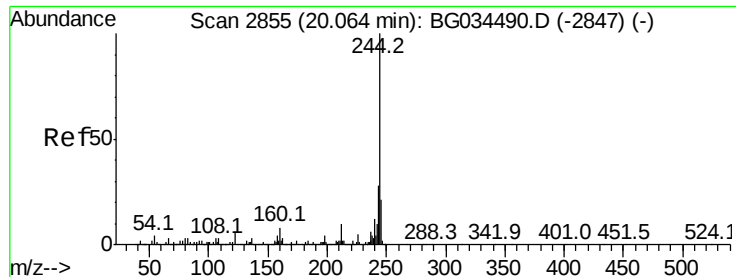


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 20.473 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

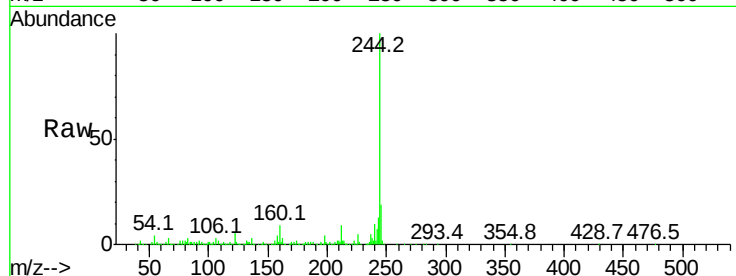
Tot Ion:244 Resp: 381122

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

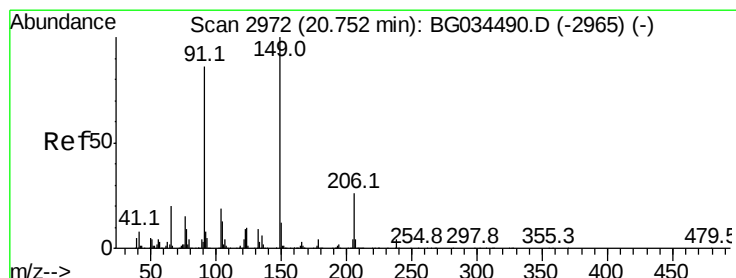
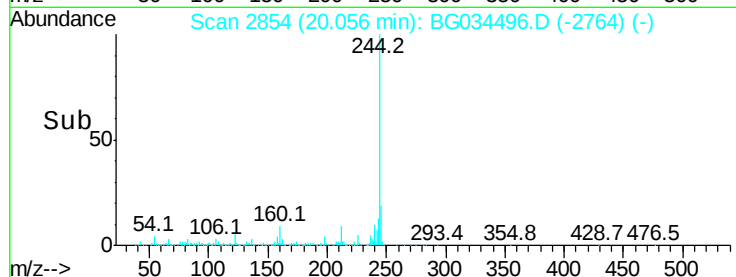
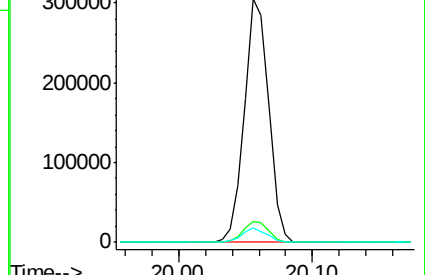
122 6.1 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 21.945 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

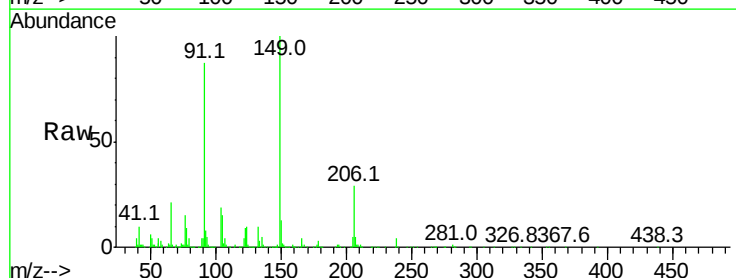
Tgt Ion:149 Resp: 216219

Ion Ratio Lower Upper

149 100

91 87.1 62.2 93.2

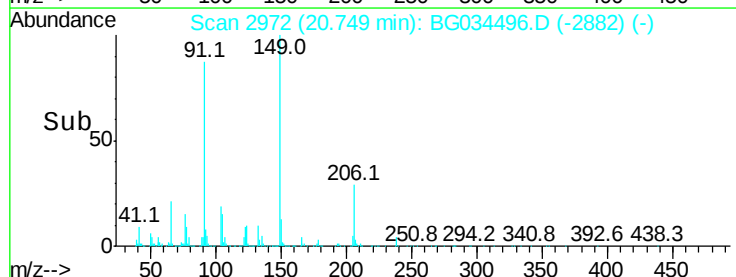
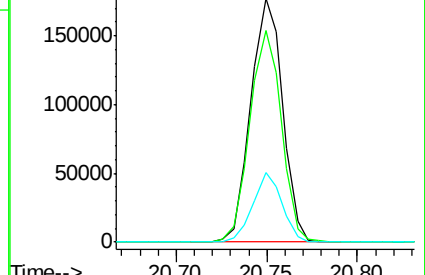
206 28.8 18.6 27.8#

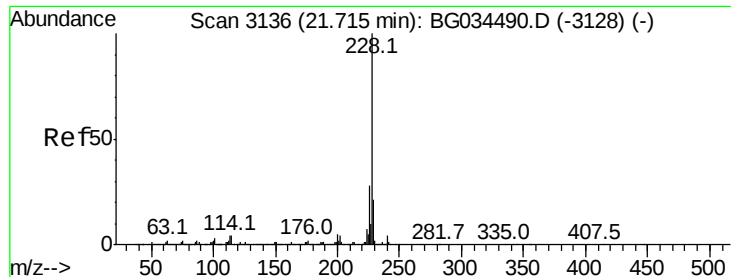


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 15.892 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

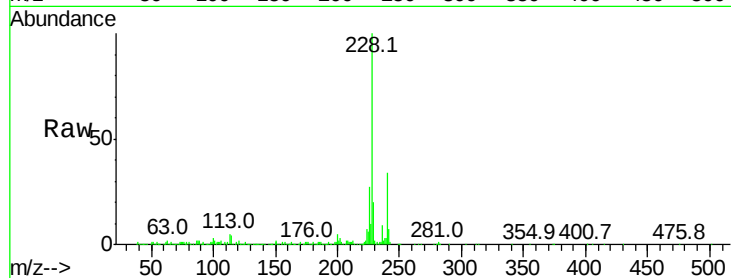
Tot Ion:228 Resp: 421563

Ion Ratio Lower Upper

228 100

226 26.6 22.7 34.1

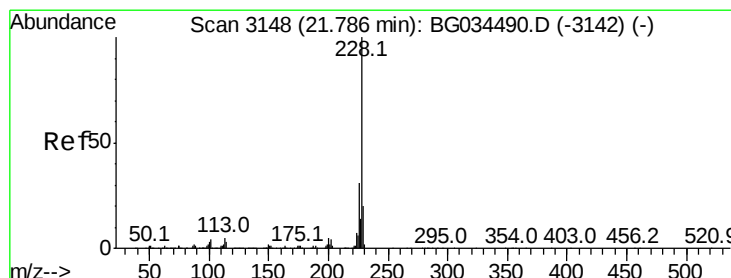
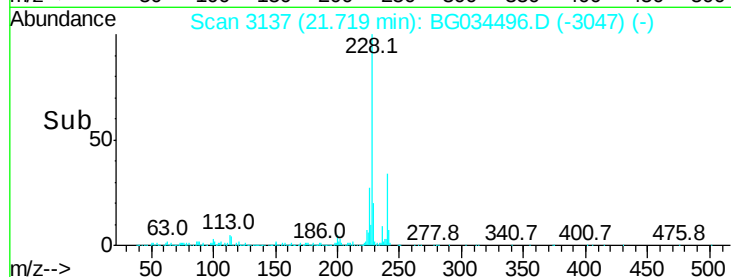
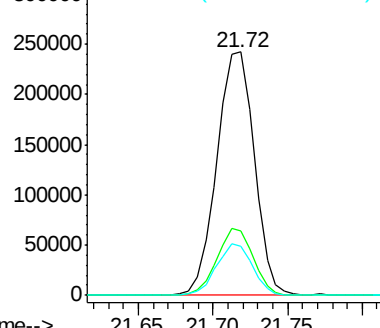
229 19.9 16.2 24.2



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



#82

Chrysene

Concen: 17.328 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.07 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

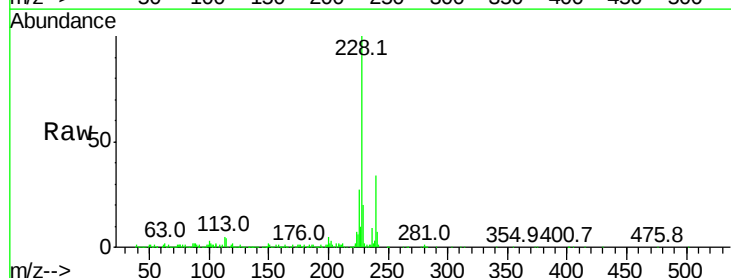
Tgt Ion:228 Resp: 421563

Ion Ratio Lower Upper

228 100

226 26.6 24.9 37.3

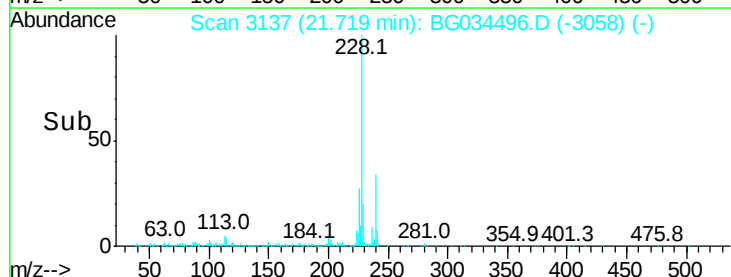
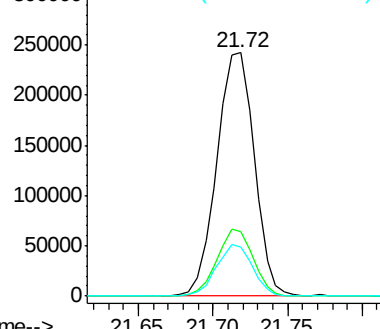
229 19.9 15.0 22.4

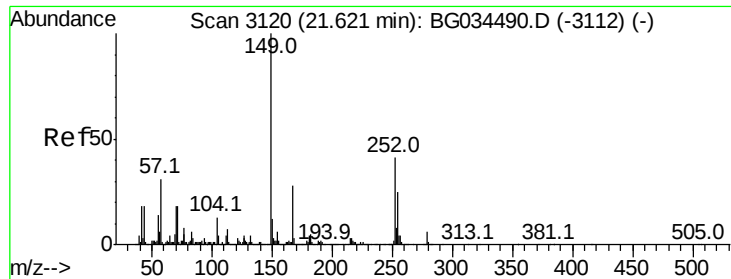


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

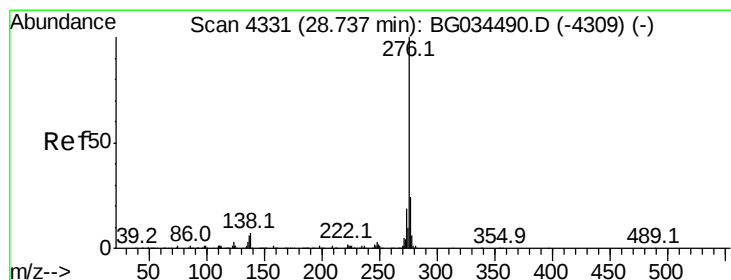
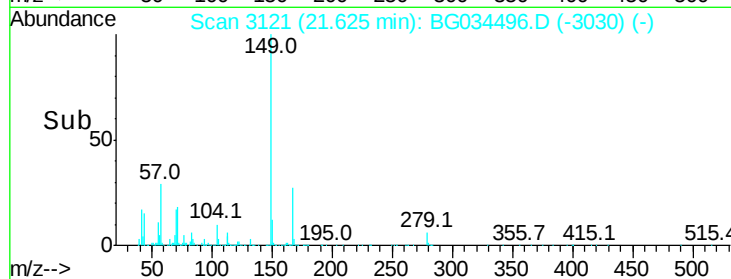
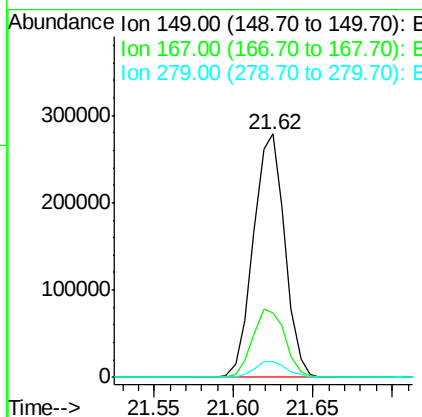
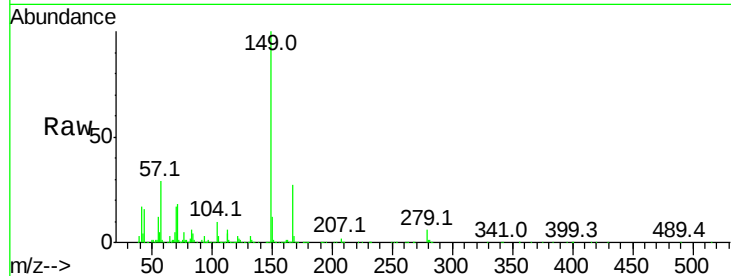




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.756 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

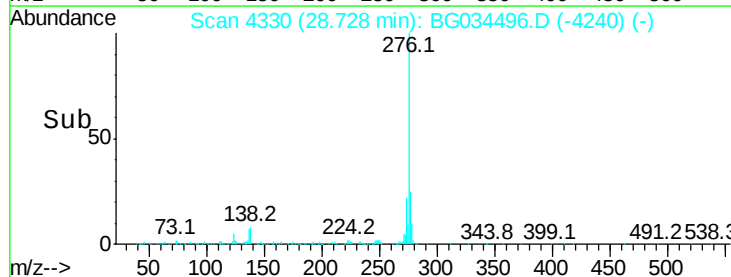
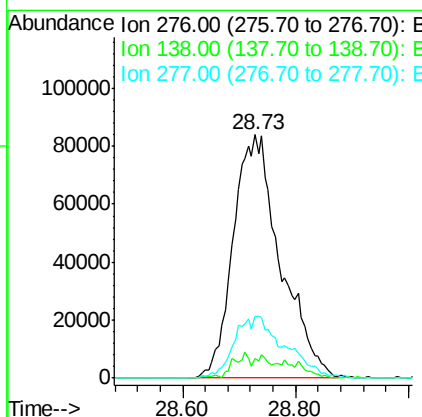
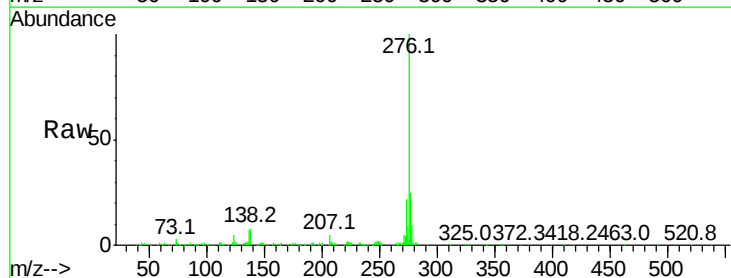
Instrument :
 BNA_G
 ClientSampleId :

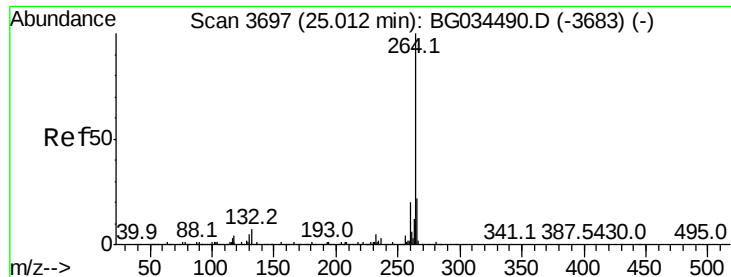
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	24.3	36.5
279	6.5	4.0	6.0



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.631 ng
 RT: 28.73 min Scan# 4330
 Delta R.T. -0.00 min
 Lab File: BG034496.D
 Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.1	16.0	24.0
277	0.0	20.0	30.0

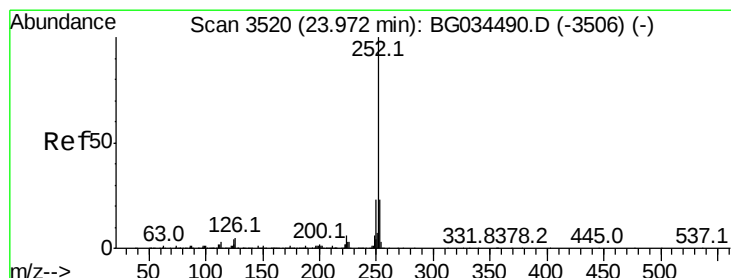
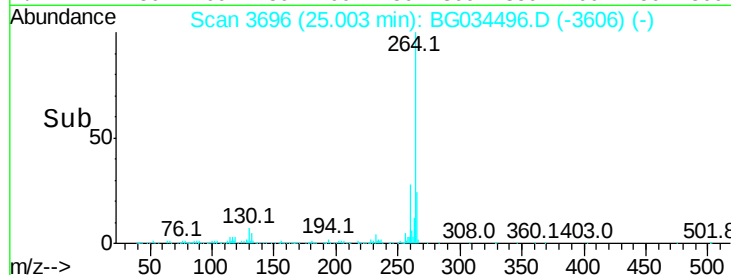
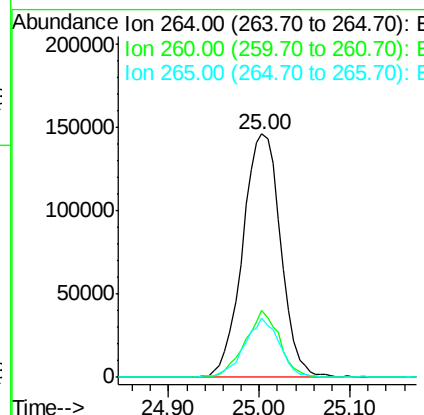
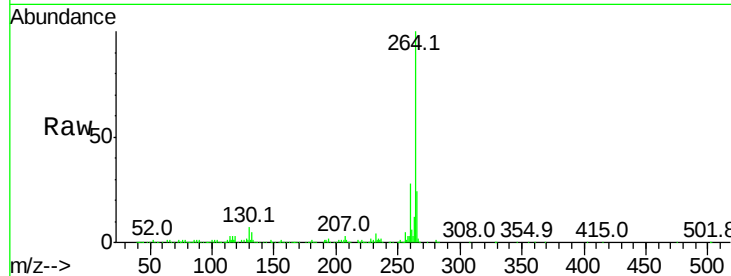




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

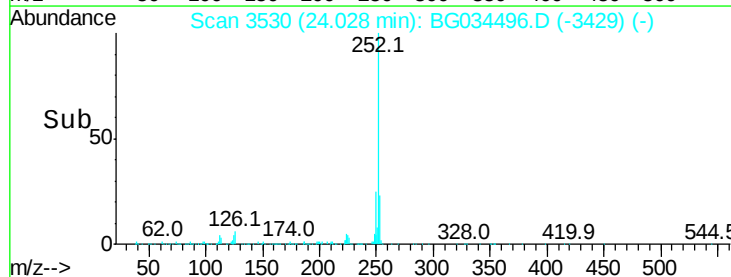
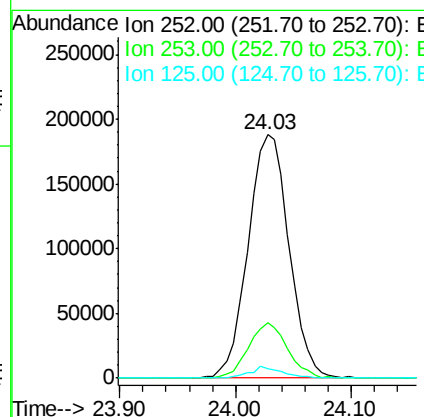
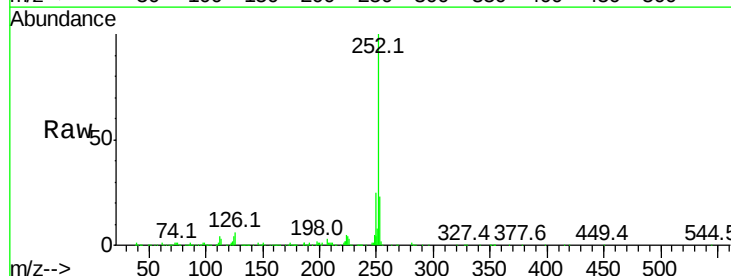
Instrument :
BNA_G
ClientSampleId :

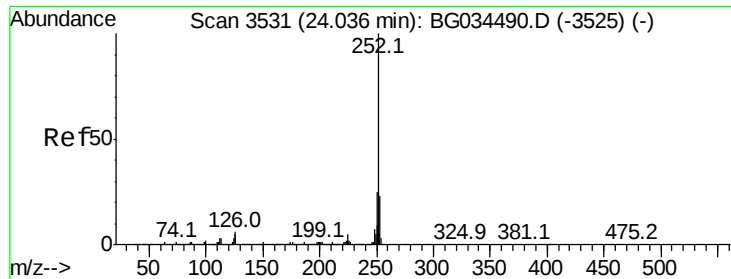
Tot Ion	Ratio	Lower	Upper
264	100		
260	27.8	17.4	26.0#
265	24.3	17.7	26.5



#87
Benzo(b)fluoranthene
Concen: 17.127 ng
RT: 24.03 min Scan# 3530
Delta R.T. 0.06 min
Lab File: BG034496.D
Acq: 16 May 2018 20:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	4.0	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 18.030 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

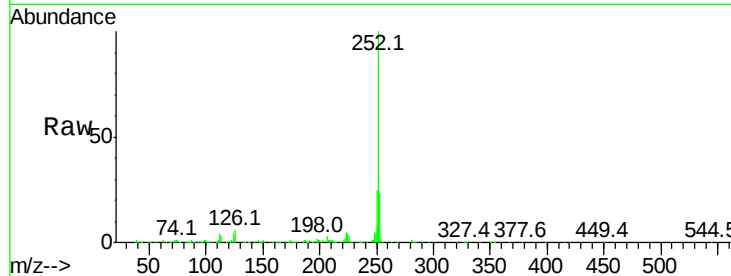
Tot Ion:252 Resp: 461525

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

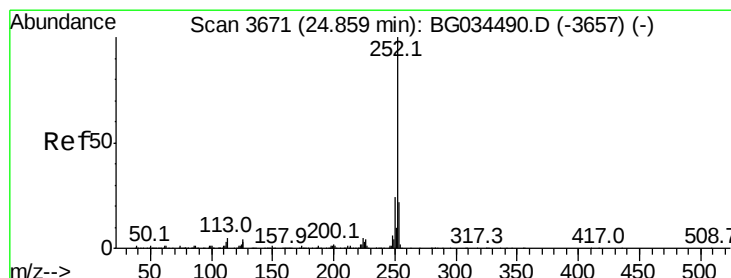
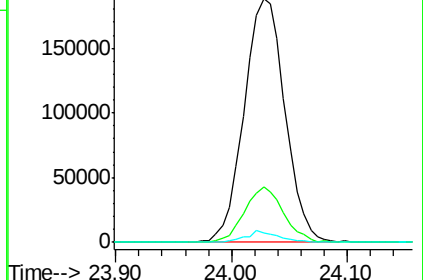
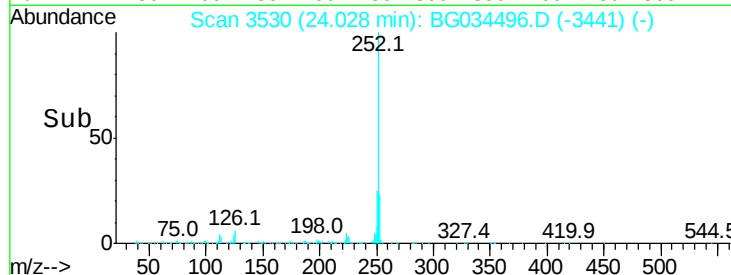
125 4.0 6.6 9.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 22.064 ng

RT: 24.84 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

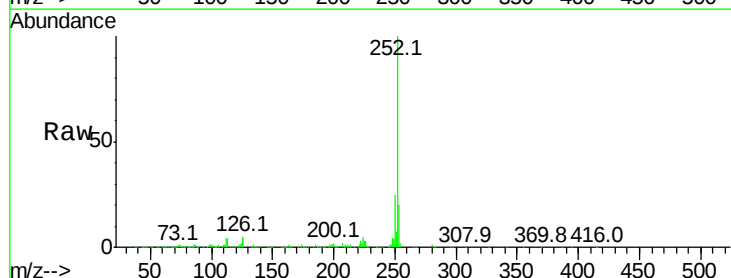
Tgt Ion:252 Resp: 564312

Ion Ratio Lower Upper

252 100

253 19.8 18.3 27.5

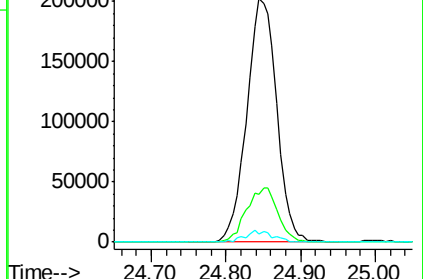
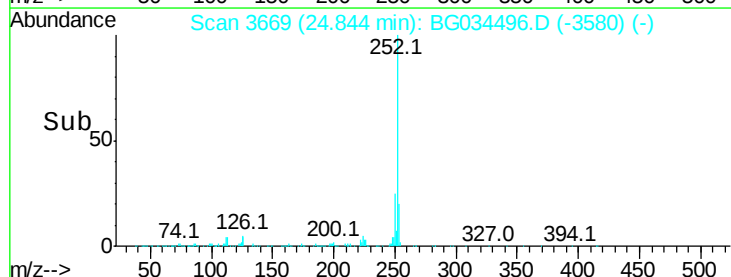
125 3.5 7.3 10.9#

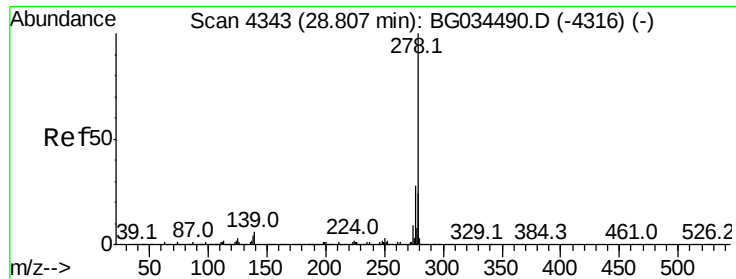


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 18.092 ng

RT: 28.78 min Scan# 4339

Delta R.T. -0.01 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

Instrument :

BNA_G

ClientSampleId :

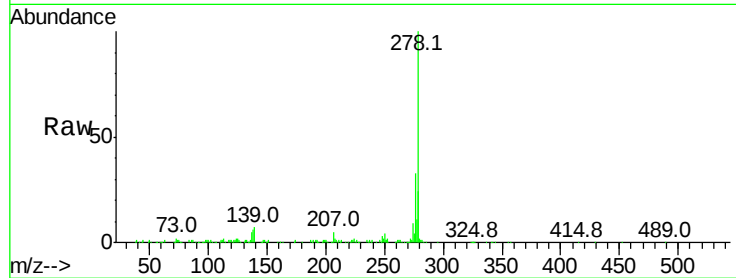
Tot Ion:278 Resp: 458877

Ion Ratio Lower Upper

278 100

139 7.3 9.8 14.6#

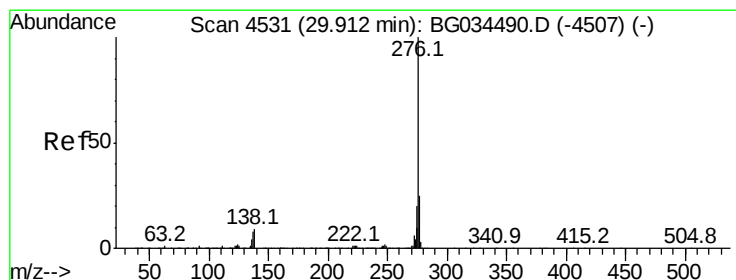
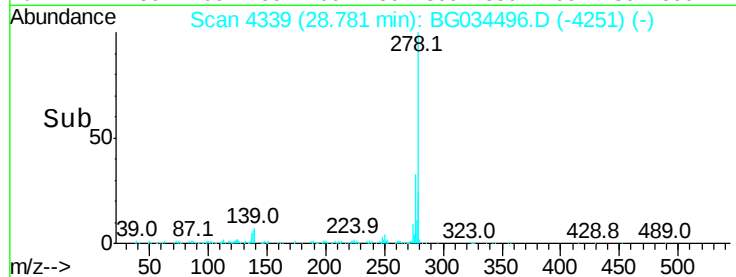
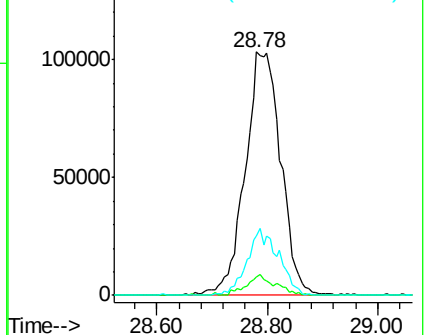
279 24.4 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.515 ng

RT: 29.90 min Scan# 4529

Delta R.T. 0.00 min

Lab File: BG034496.D

Acq: 16 May 2018 20:00

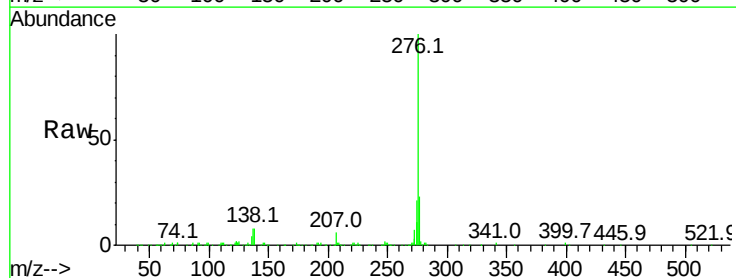
Tgt Ion:276 Resp: 497573

Ion Ratio Lower Upper

276 100

277 22.8 18.3 27.5

138 7.5 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

