

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032416.D
 Acq On : 29 Jan 2018 16:09
 Operator : SJ/JU
 Sample : J1196-25DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 03:25:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	26193	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	103169	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	78228	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	216157	20.00	ng	0.00
75) Chrysene-d12	22.42	240	279781	20.00	ng	0.00
86) Perylene-d12	26.10	264	280246	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	40887	31.35	ng	0.00
7) Phenol-d6	7.84	99	53163	30.55	ng	0.00
23) Nitrobenzene-d5	9.93	82	34790	21.06	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	44379	29.80	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	141362	21.48	ng	0.00
78) Terphenyl-d14	20.63	244	332555	25.46	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	4.18	42	15383	24.943	ng	# 79
6) Aniline	8.11	93	14923	6.878	ng	# 54
11) bis(2-Chloroethyl)ether	8.11	93	14923	11.852	ng	# 80
12) 1,3-Dichlorobenzene	9.09	146	44458	21.326	ng	95
13) 1,4-Dichlorobenzene	9.09	146	46035	22.032	ng	97
14) 1,2-Dichlorobenzene	9.09	146	46035	22.491	ng	94
18) Hexachloroethane	9.85	117	16446	23.444	ng	# 76
19) n-Nitroso-di-n-propylamine	9.53	70	17212	14.918	ng	# 87
24) Nitrobenzene	9.97	77	58493	36.622	ng	# 88
25) Isophorone	10.49	82	65822	23.404	ng	# 80
30) 1,2,4-Trichlorobenzene	11.46	180	83389	34.081	ng	96
31) Naphthalene	11.66	128	35982	7.141	ng	99
33) 4-Chloroaniline	11.66	127	5074	2.258	ng	# 40
34) Hexachlorobutadiene	11.93	225	40377	21.210	ng	98
37) 2-Methylnaphthalene	13.22	142	80819	19.092	ng	96
40) Hexachlorocyclopentadiene	13.55	237	28165	12.317	ng	94
48) Acenaphthylene	15.09	152	258453	33.004	ng	99
49) Dimethylphthalate	14.79	163	229074	31.759	ng	# 98
50) 2,6-Dinitrotoluene	14.92	165	30793	20.340	ng	# 73
51) Acenaphthene	15.42	154	90964	16.749	ng	96
54) Dibenzofuran	15.75	168	116599	14.505	ng	97
55) 4-Nitrophenol	15.75	139	42319	42.747	ng	# 1
56) 2,4-Dinitrotoluene	15.69	165	55356	25.681	ng	# 72
57) Fluorene	16.40	166	60171	9.008	ng	96
60) 4-Chlorophenyl-phenylether	16.37	204	58606	13.914	ng	91
62) Azobenzene	16.37	77	11917	2.839	ng	# 39
66) 4-Bromophenyl-phenylether	17.27	248	18661	5.827	ng	86
67) Hexachlorobenzene	17.40	284	104076	29.368	ng	# 89
70) Phenanthrene	18.14	178	169190	14.035	ng	99
71) Anthracene	18.22	178	79188	6.598	ng	99
73) Di-n-butylphthalate	18.99	149	408715	34.809	ng	100
74) Fluoranthene	20.10	202	615824	38.955	ng	95
77) Pvrene	20.10	202	615824	35.887	ng	99
79) Butylbenzylphthalate	21.31	149	114095	21.079	ng	# 74

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QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

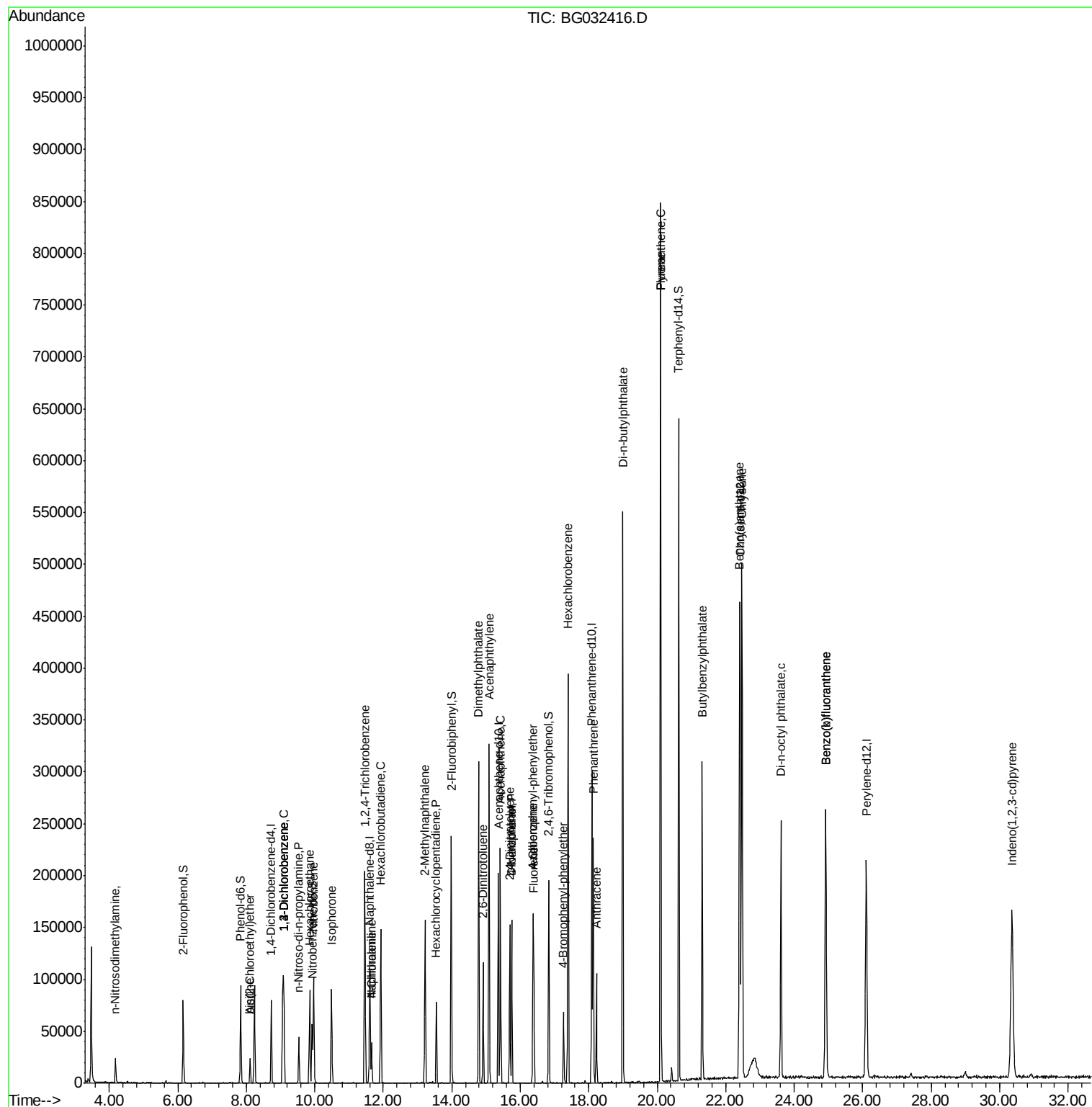
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	22.40	228	297929	17.177	nq	99
82) Chrysene	22.47	228	401009	23.940	nq	97
84) Di-n-octyl phthalate	23.61	149	266150	21.864	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.36	276	355532	16.778	nq	# 88
87) Benzo(b)fluoranthene	24.92	252	322840	19.066	nq	# 95
88) Benzo(k)fluoranthene	24.92	252	322840	19.246	nq	# 96

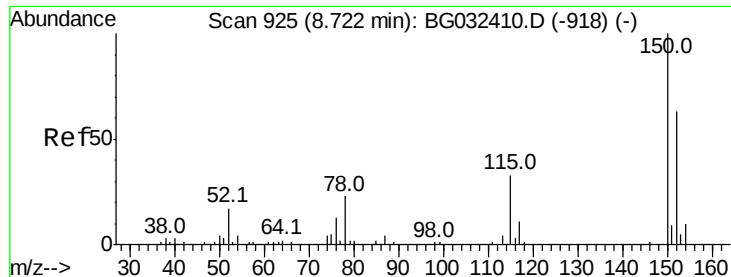
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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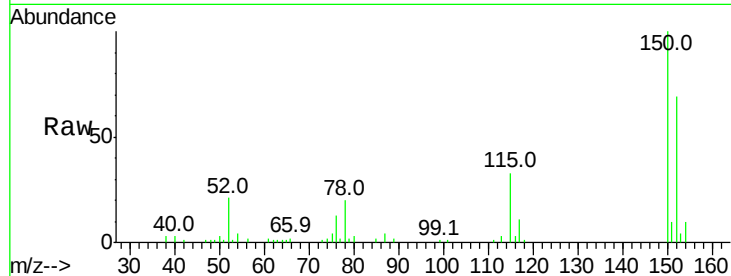


#1

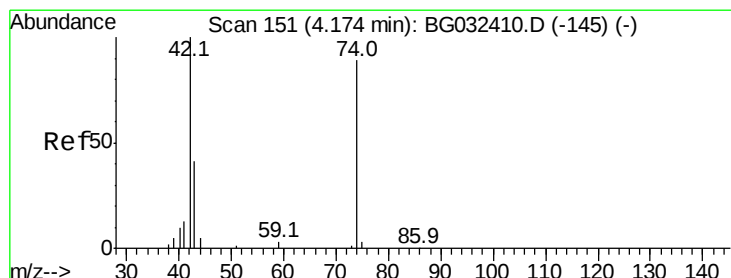
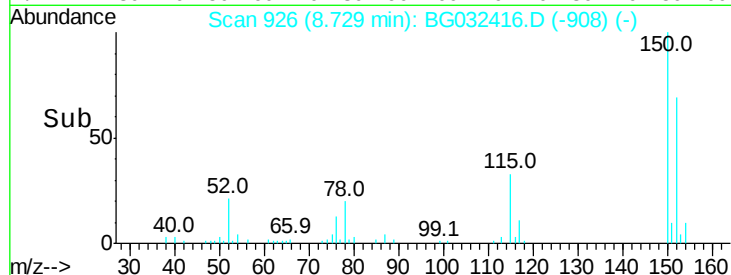
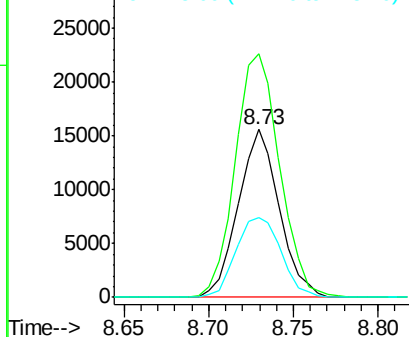
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. 0.01 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26193
Ion Ratio Lower Upper
152 100
150 145.3 126.6 189.8
115 47.3 53.0 79.4#



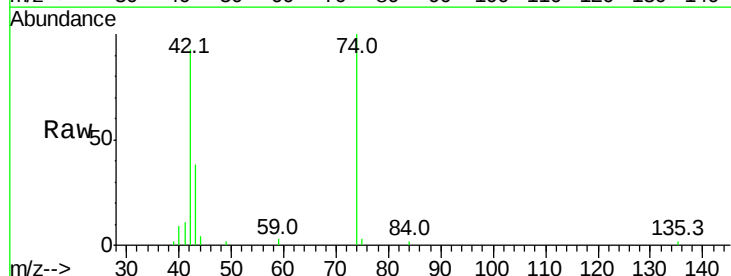
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



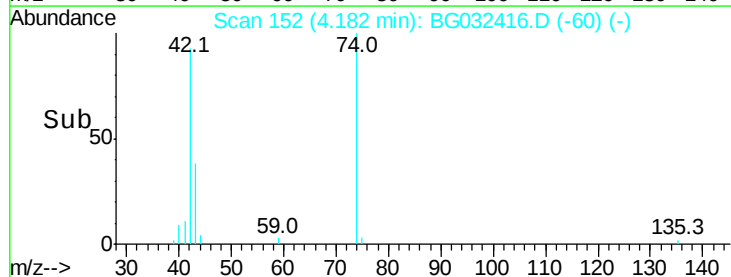
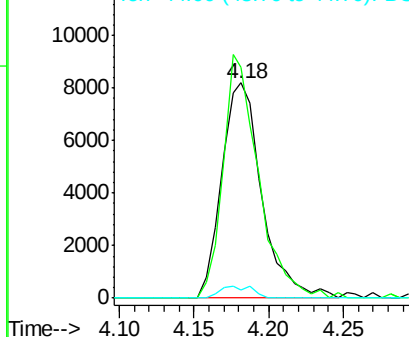
#4

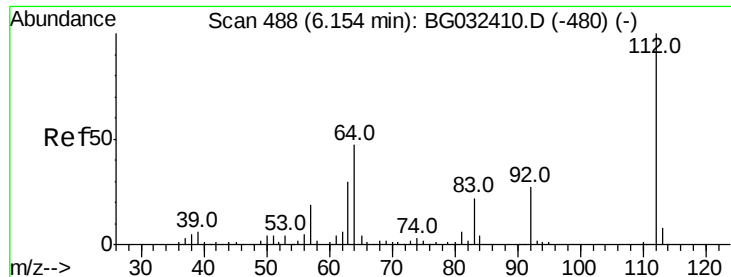
n-Nitrosodimethylamine
Concen: 24.943 ng
RT: 4.18 min Scan# 152
Delta R.T. 0.01 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Tgt Ion: 42 Resp: 15383
Ion Ratio Lower Upper
42 100
74 107.6 102.5 153.7
44 4.0 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 31.353 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

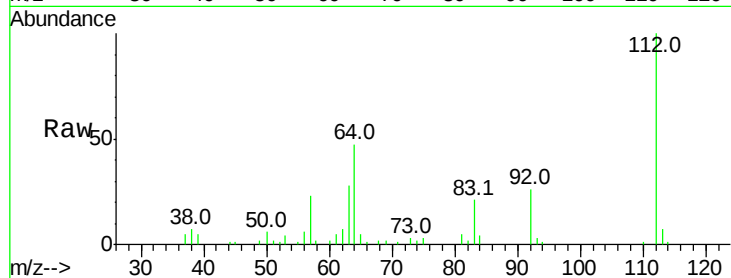
Tot Ion:112 Resp: 40887

Ion Ratio Lower Upper

112 100

64 47.2 56.3 84.5#

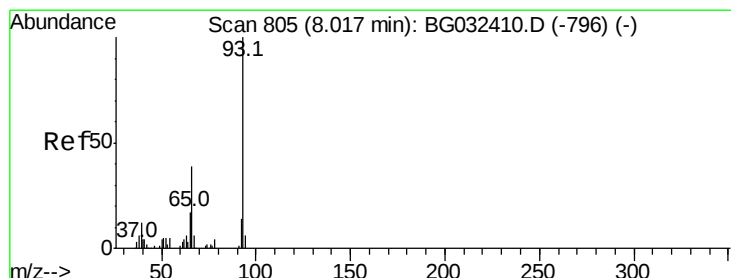
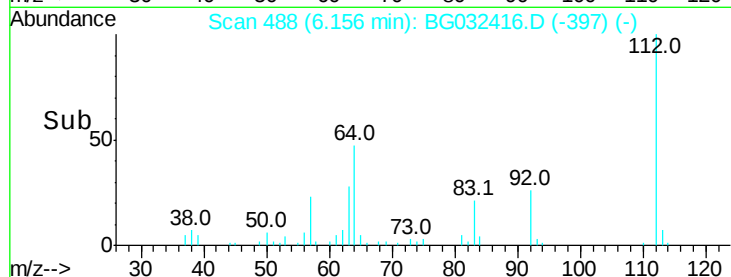
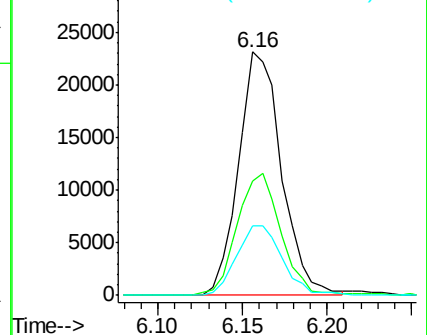
63 28.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.878 ng

RT: 8.11 min Scan# 821

Delta R.T. 0.10 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

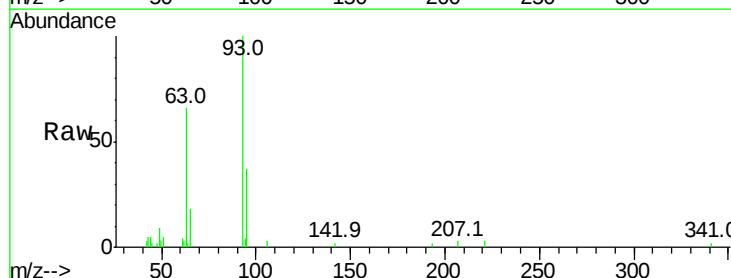
Tgt Ion: 93 Resp: 14923

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

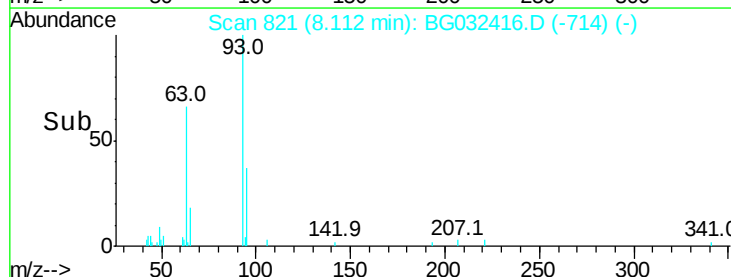
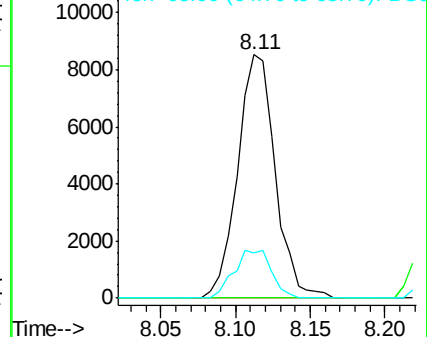
65 18.4 16.1 24.1

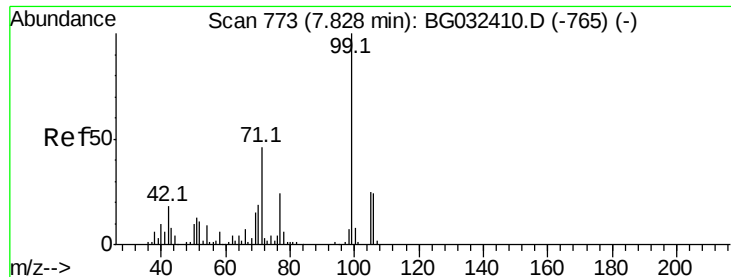


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 30.550 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

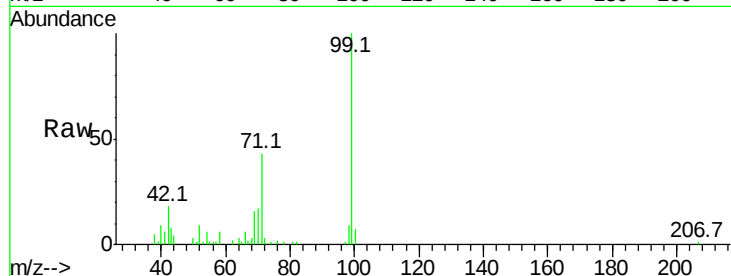
Tot Ion: 99 Resp: 53163

Ion Ratio Lower Upper

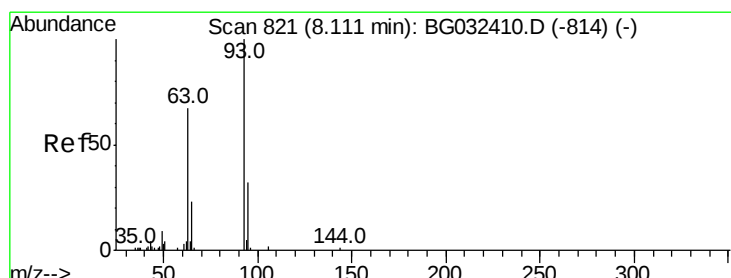
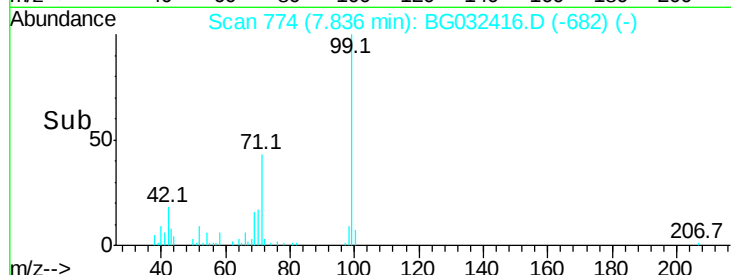
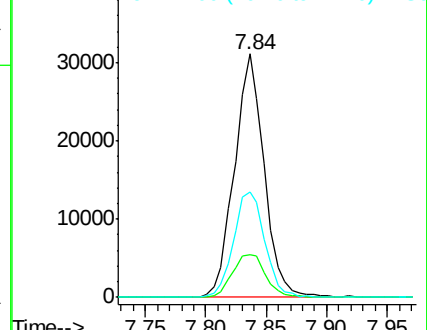
99 100

42 17.5 14.1 21.1

71 43.5 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 11.852 ng

RT: 8.11 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

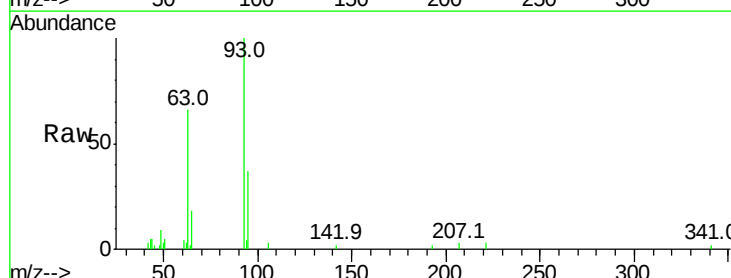
Tgt Ion: 93 Resp: 14923

Ion Ratio Lower Upper

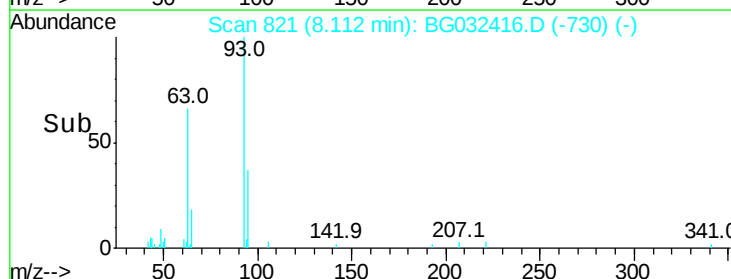
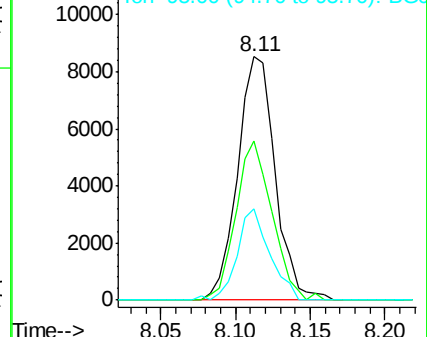
93 100

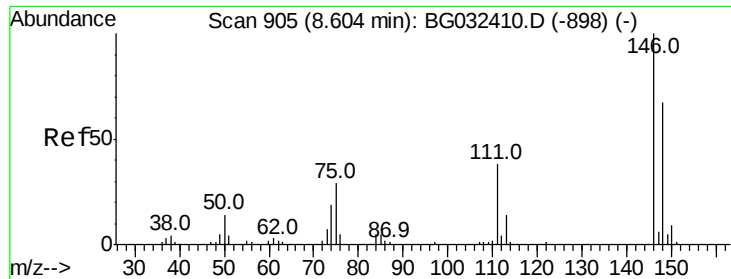
63 65.6 67.1 107.1#

95 37.3 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

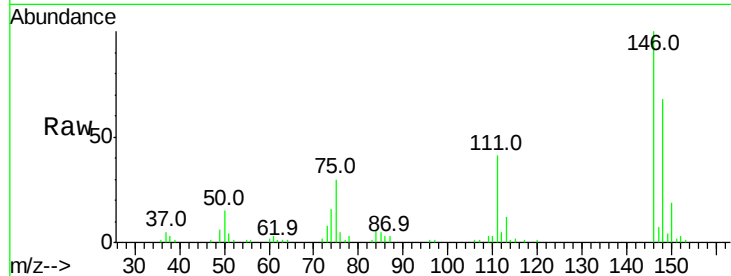




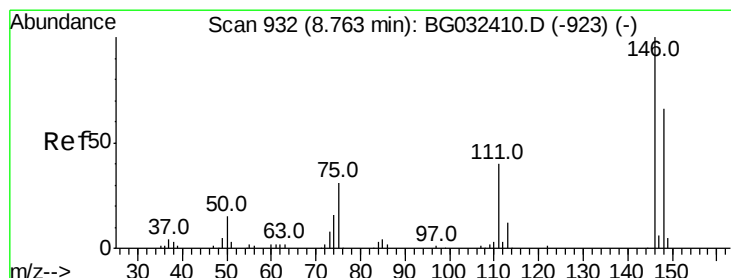
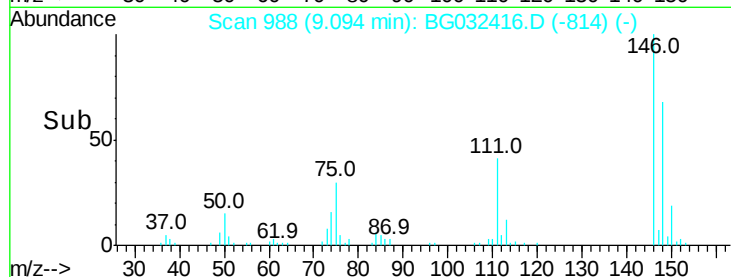
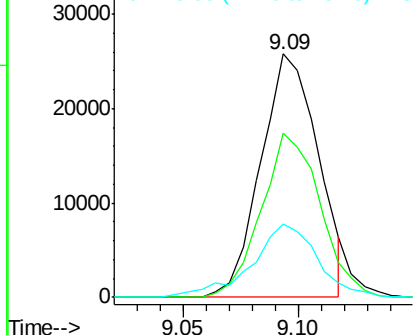
#12
 1,3-Dichlorobenzene
 Concen: 21.326 ng
 RT: 9.09 min Scan# 988
 Delta R.T. 0.49 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 44458
 Ion Ratio Lower Upper
 146 100
 148 67.7 51.4 77.2
 75 30.3 26.6 39.8

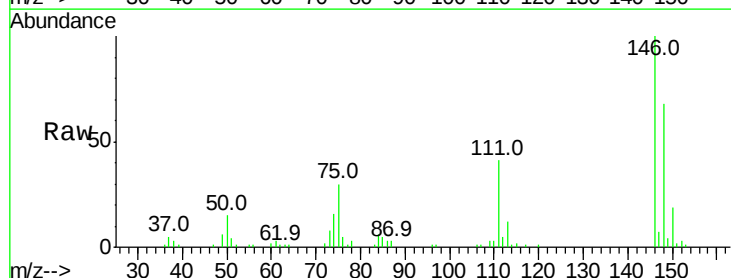


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

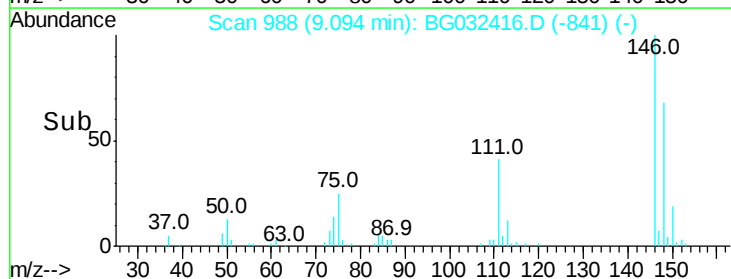
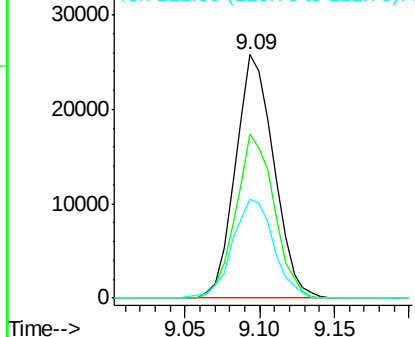


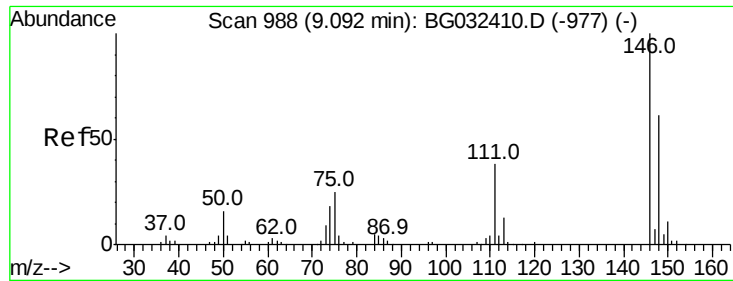
#13
 1,4-Dichlorobenzene
 Concen: 22.032 ng
 RT: 9.09 min Scan# 988
 Delta R.T. 0.33 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

Tgt Ion:146 Resp: 46035
 Ion Ratio Lower Upper
 146 100
 148 67.7 53.7 80.5
 111 40.6 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: 22.491 ng

RT: 9.09 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

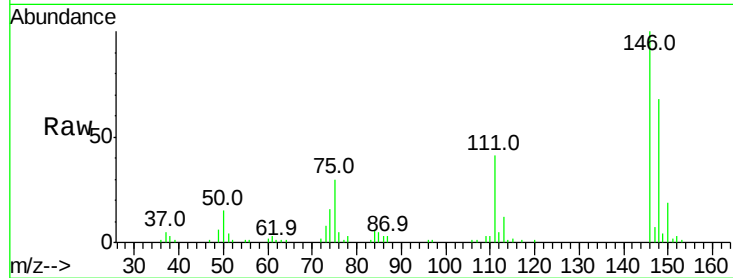
Tot Ion:146 Resp: 46035

Ion Ratio Lower Upper

146 100

148 67.7 49.3 73.9

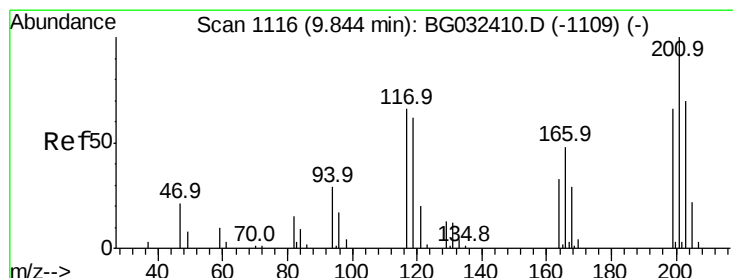
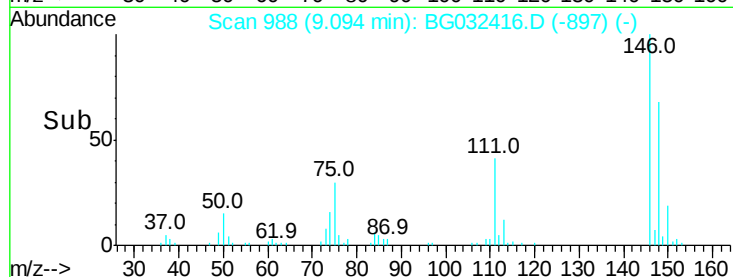
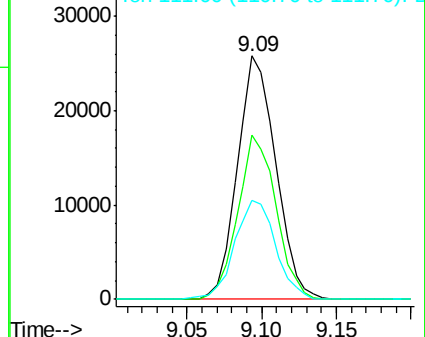
111 40.6 34.3 51.5



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



#18

Hexachloroethane

Concen: 23.444 ng

RT: 9.85 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

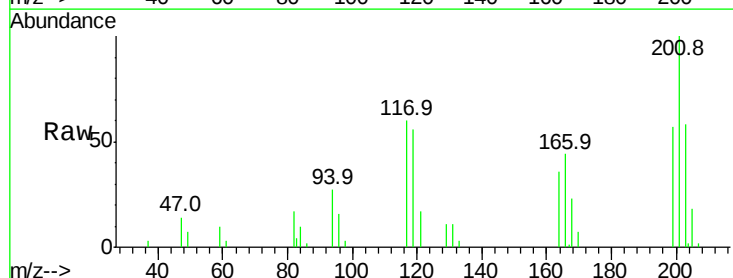
Tgt Ion:117 Resp: 16446

Ion Ratio Lower Upper

117 100

119 94.2 76.7 115.1

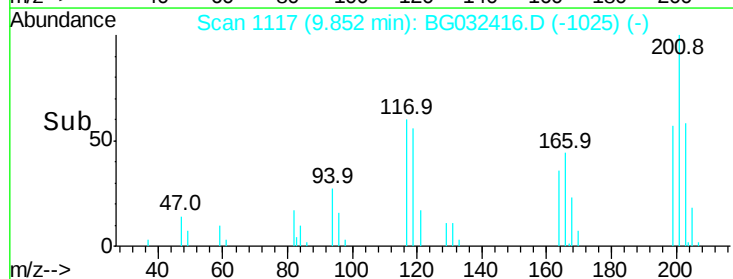
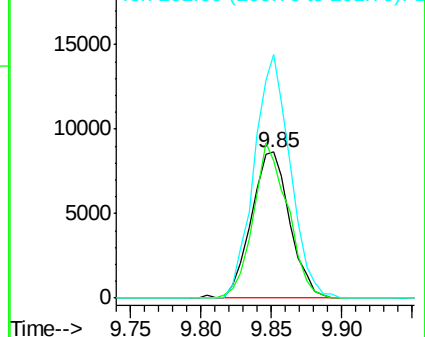
201 166.7 95.7 143.5#

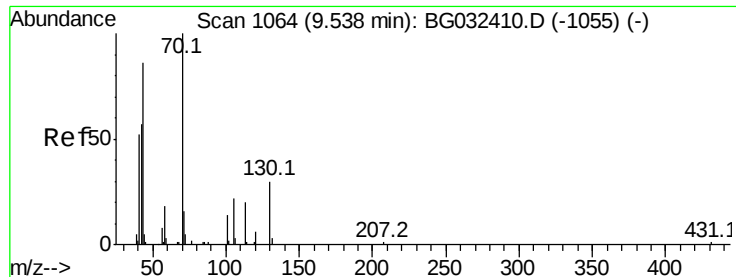


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

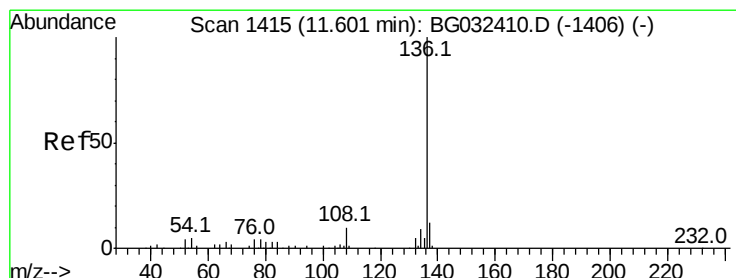
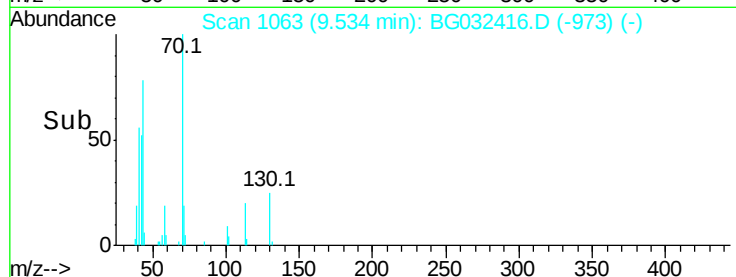
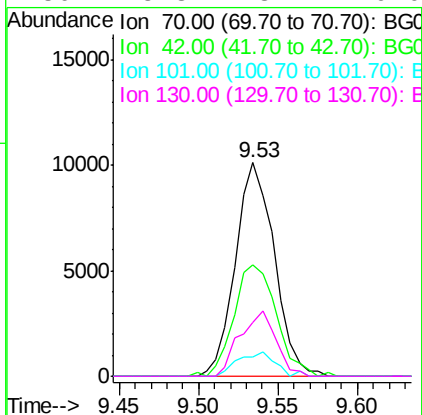
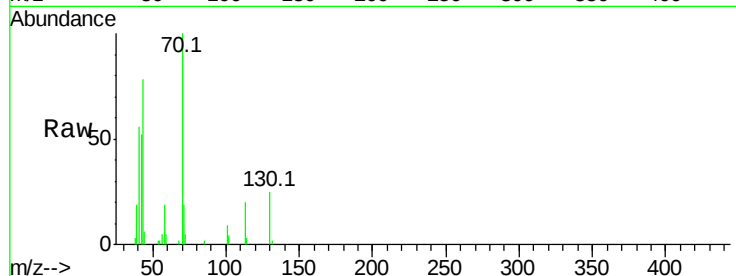




#19
n-Nitroso-di-n-propylamine
Concen: 14.918 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

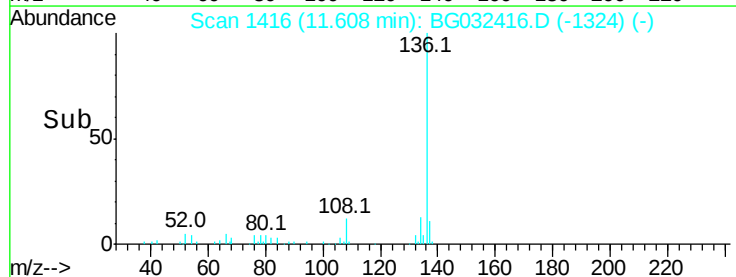
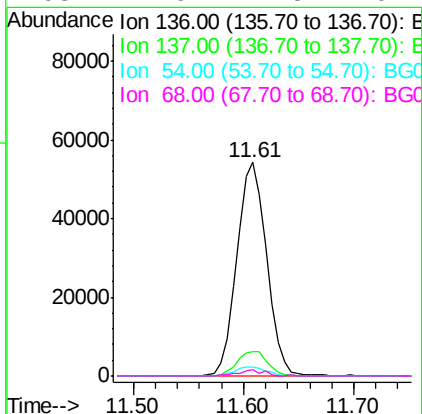
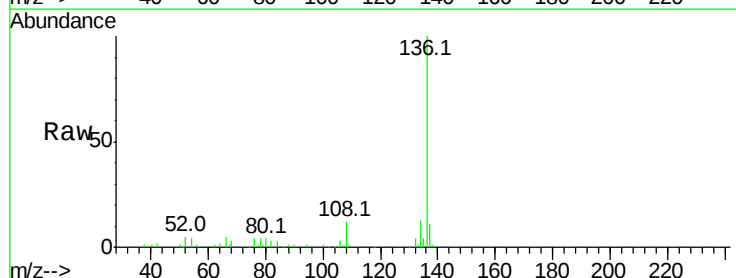
Instrument :
BNA_G
ClientSampleId :

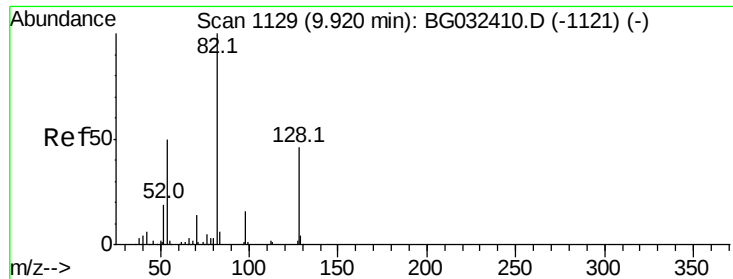
Tot Ion: 70 Resp: 17212
Ion Ratio Lower Upper
70 100
42 52.2 49.1 73.7
101 8.7 8.5 12.7
130 25.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Tgt Ion: 136 Resp: 103169
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 4.5 10.3 15.5#
68 2.9 4.5 6.7#

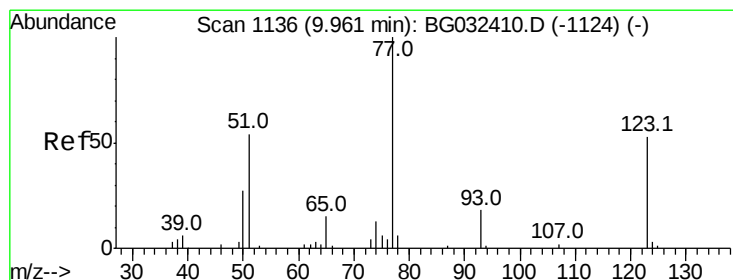
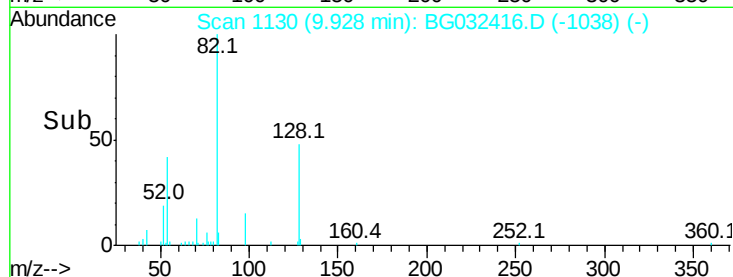
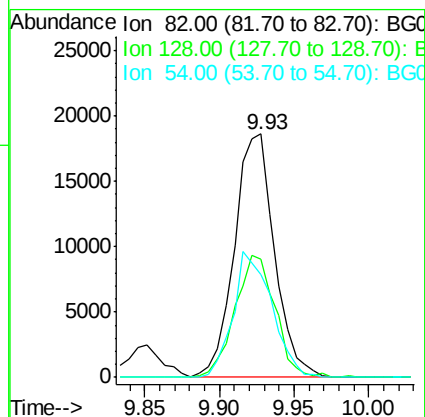
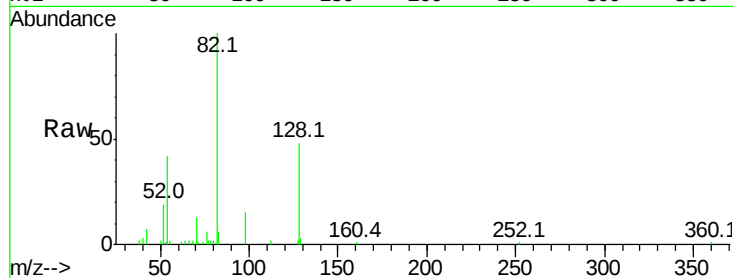




#23
Nitrobenzene-d5
Concen: 21.063 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

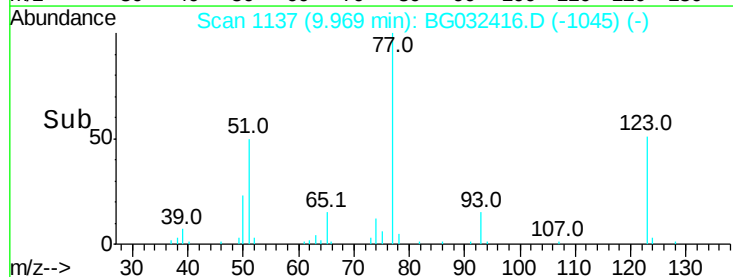
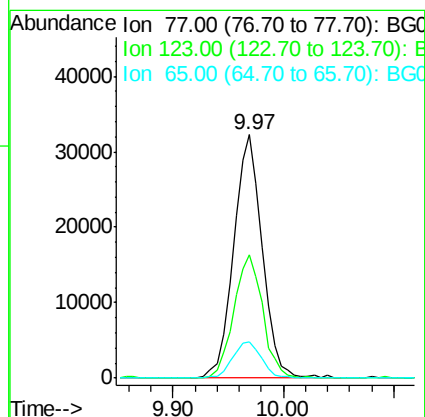
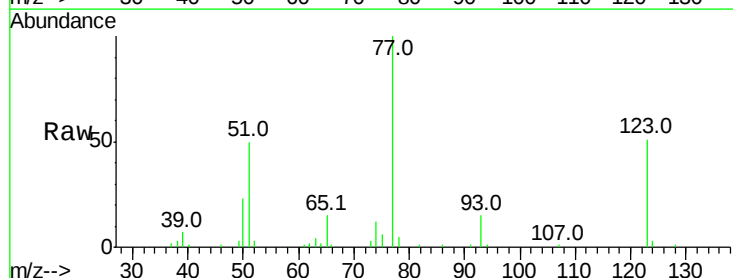
Instrument :
BNA_G
ClientSampleId :

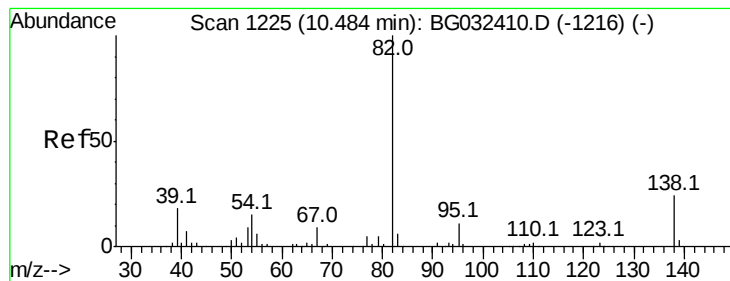
Tot Ion: 82 Resp: 34790
Ion Ratio Lower Upper
82 100
128 48.4 29.7 44.5#
54 42.2 43.1 64.7#



#24
Nitrobenzene
Concen: 36.622 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Tgt Ion: 77 Resp: 58493
Ion Ratio Lower Upper
77 100
123 50.7 33.0 49.6#
65 14.7 13.0 19.6





#25

Isophorone

Concen: 23.404 ng

RT: 10.49 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

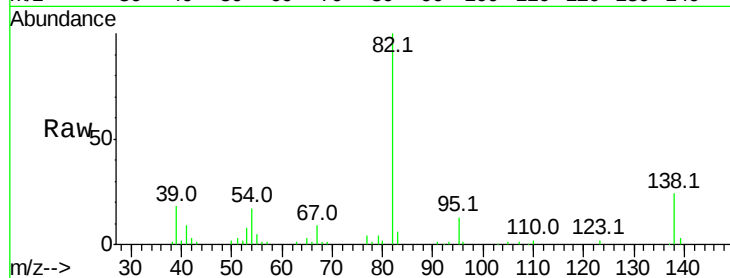
Tot Ion: 82 Resp: 65822

Ion Ratio Lower Upper

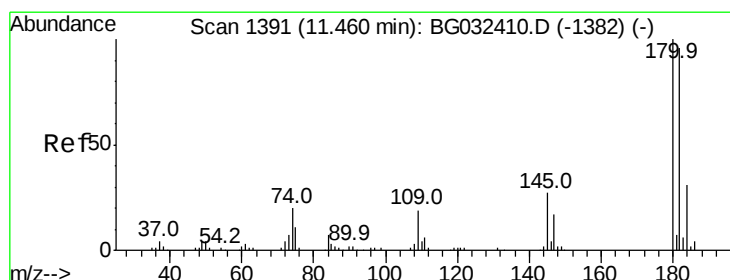
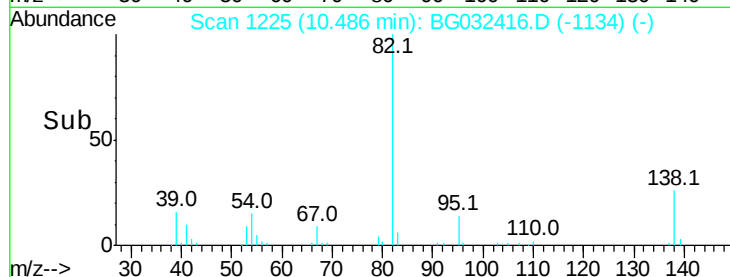
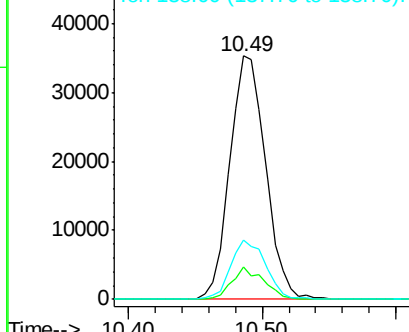
82 100

95 13.2 6.2 9.2#

138 24.4 12.1 18.1#



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



#30

1,2,4-Trichlorobenzene

Concen: 34.081 ng

RT: 11.46 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

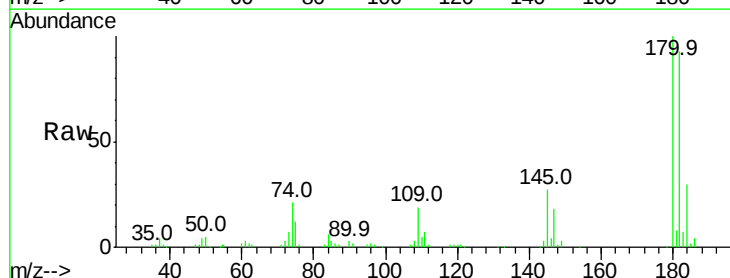
Tgt Ion:180 Resp: 83389

Ion Ratio Lower Upper

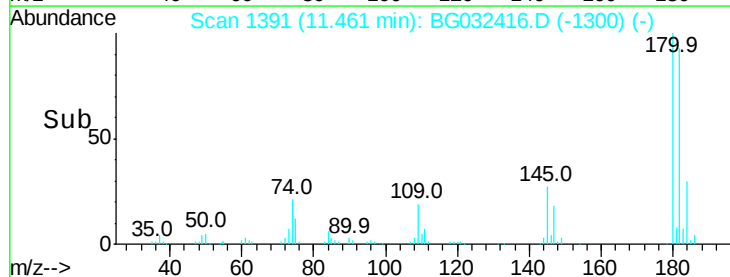
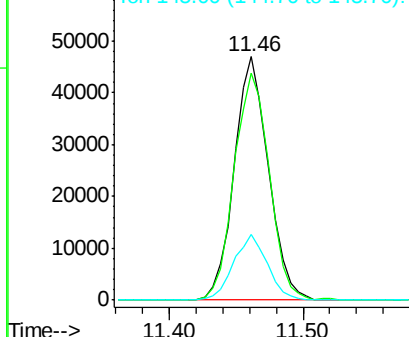
180 100

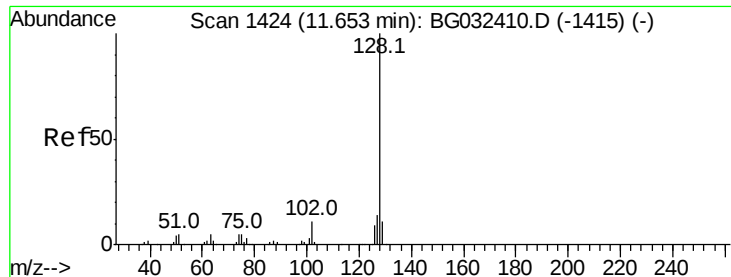
182 93.2 77.5 116.3

145 27.1 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 145.00 (144.70 to 145.70): BGC

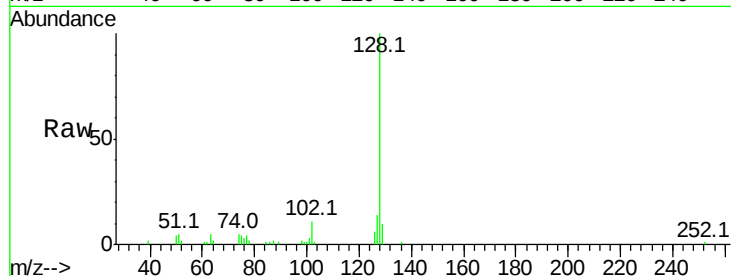




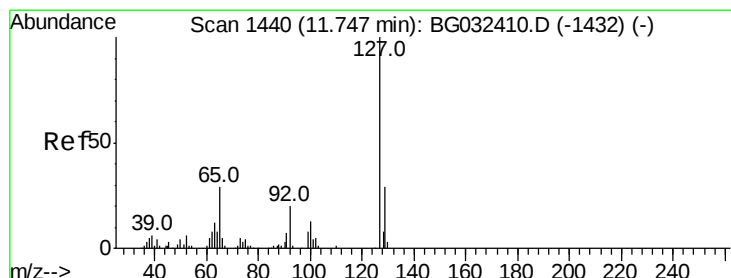
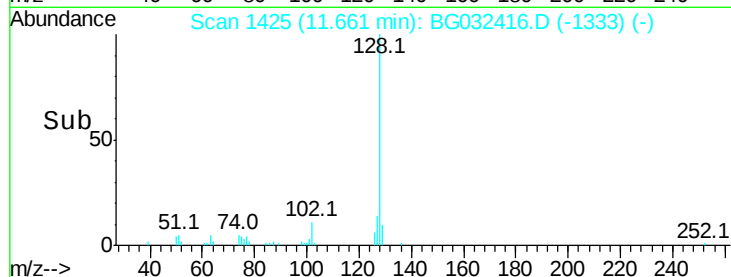
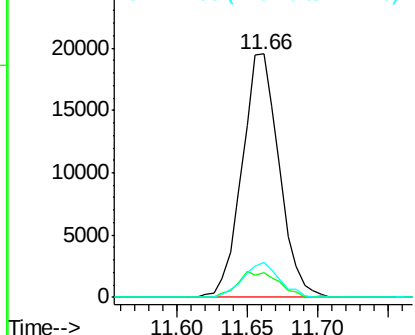
#31
Naphthalene
Concen: 7.141 ng
RT: 11.66 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 35982
Ion Ratio Lower Upper
128 100
129 10.0 8.6 12.8
127 14.5 11.6 17.4

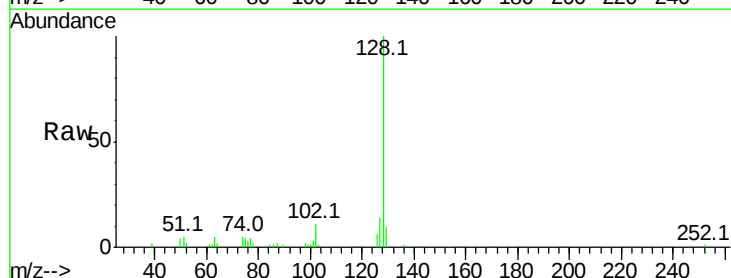


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

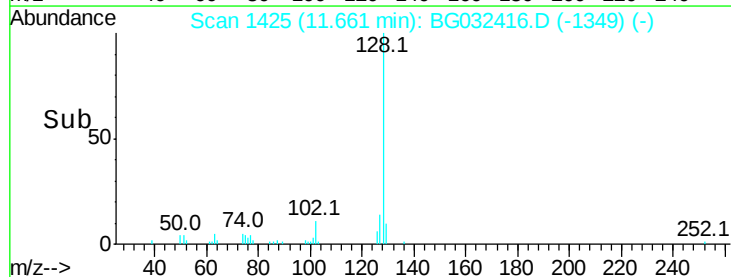
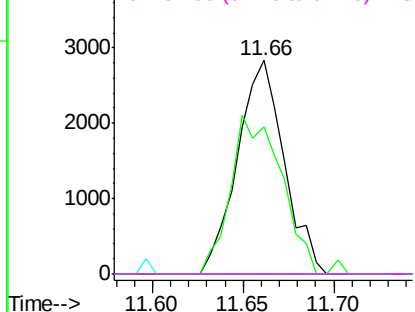


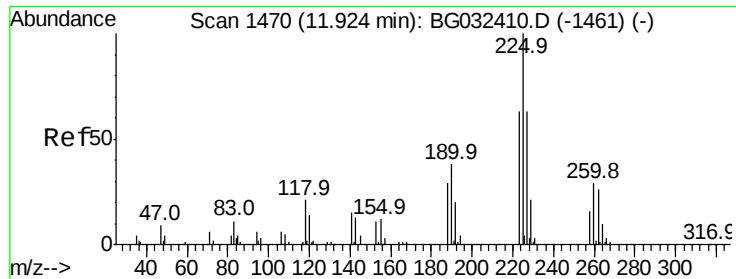
#33
4-Chloroaniline
Concen: 2.258 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.09 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Tgt Ion:127 Resp: 5074
Ion Ratio Lower Upper
127 100
129 69.1 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 21.210 ng

RT: 11.93 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

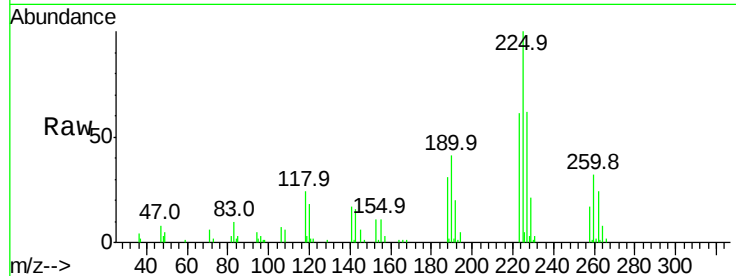
Tot Ion:225 Resp: 40377

Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.7	74.5
227	62.4	48.1	72.1

225 100

223 60.6 49.7 74.5

227 62.4 48.1 72.1

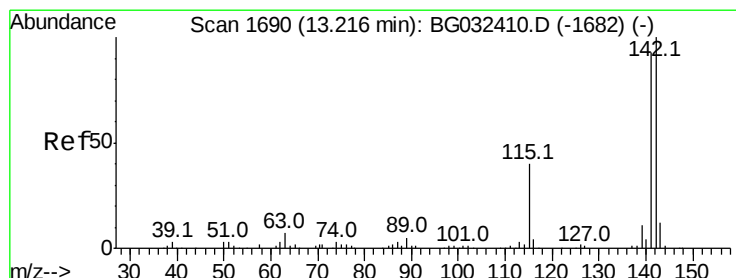
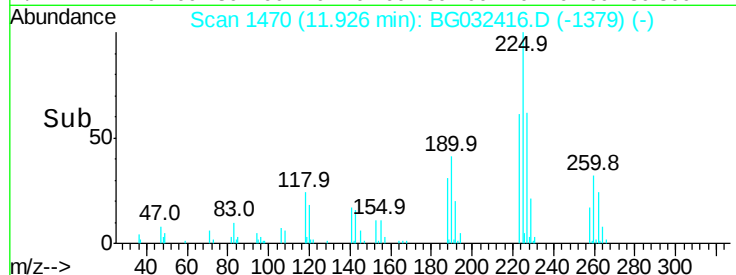
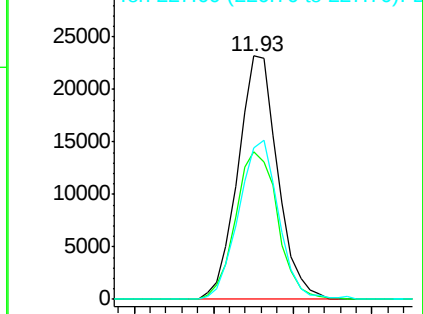


Abundance

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



#37

2-Methylnaphthalene

Concen: 19.092 ng

RT: 13.22 min Scan# 1691

Delta R.T. 0.01 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

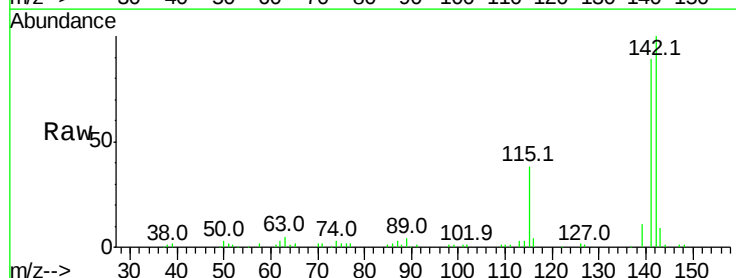
Tgt Ion:142 Resp: 80819

Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	37.6	30.7	46.1

142 100

141 89.2 67.1 100.7

115 37.6 30.7 46.1

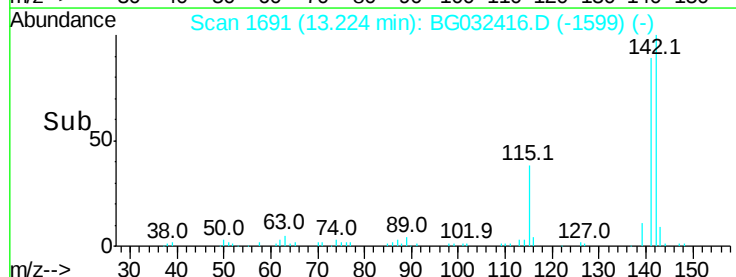
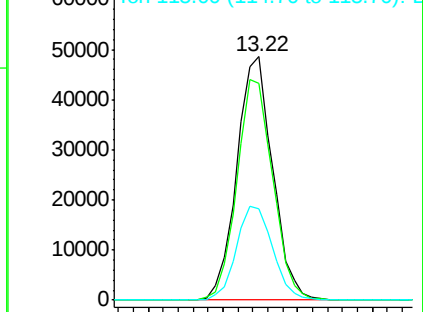


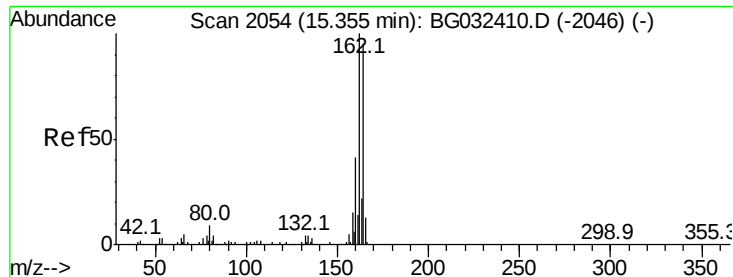
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

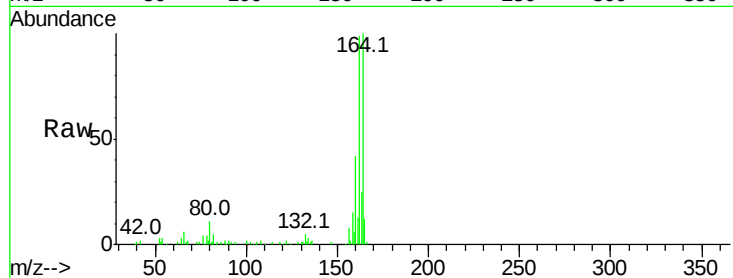
Tot Ion:164 Resp: 78228

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.8	118.2
160	42.0	35.4	53.0

164 100

162 98.9 78.8 118.2

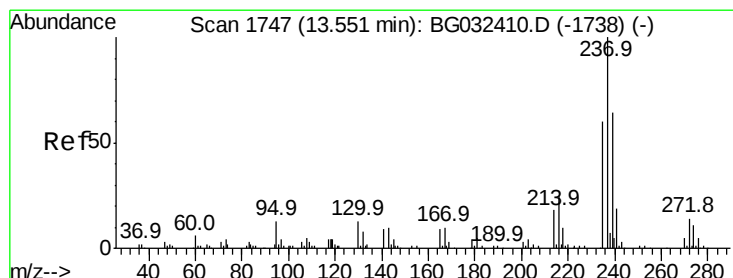
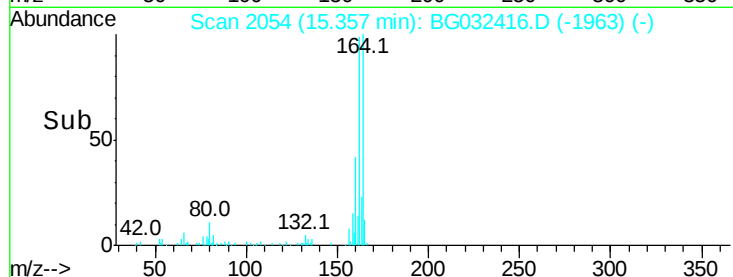
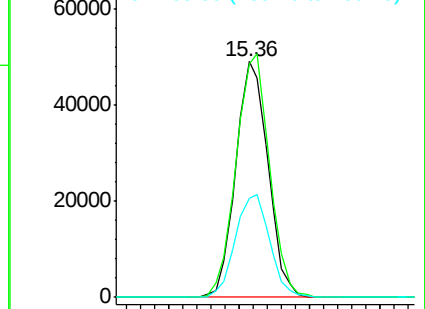
160 42.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.317 ng

RT: 13.55 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

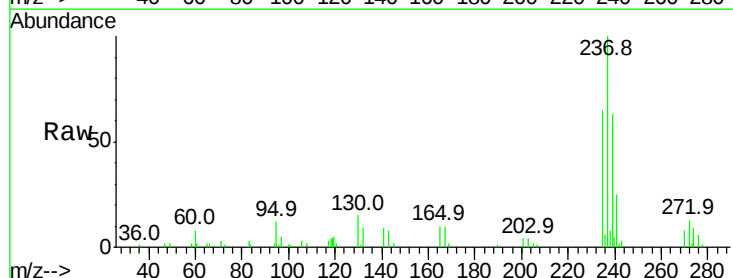
Tgt Ion:237 Resp: 28165

Ion	Ratio	Lower	Upper
237	100		
235	64.9	50.4	90.4
272	13.3	0.0	31.8

237 100

235 64.9 50.4 90.4

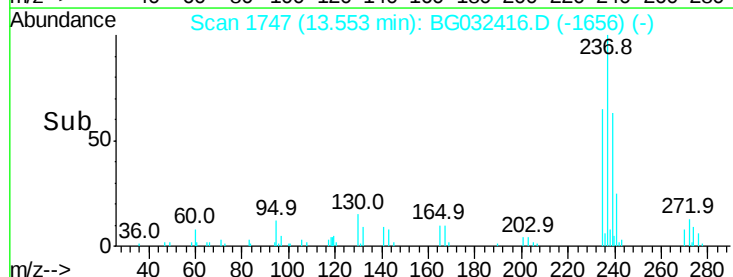
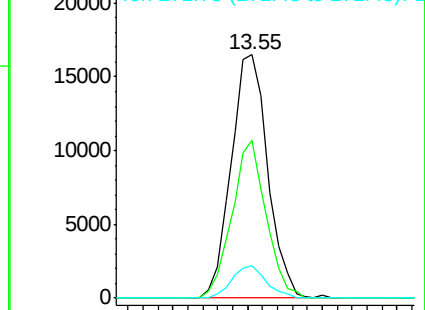
272 13.3 0.0 31.8

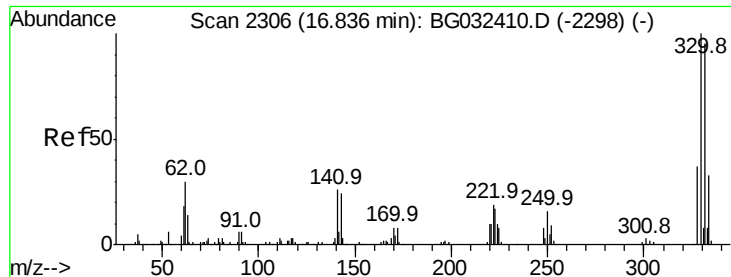


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

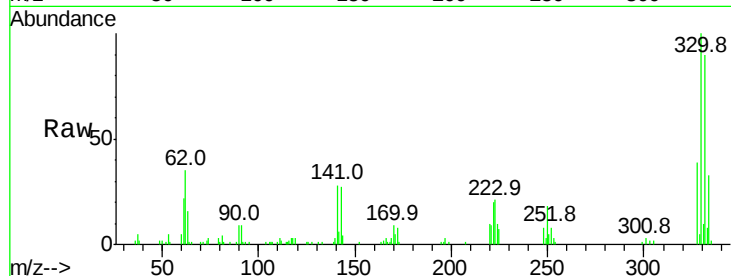




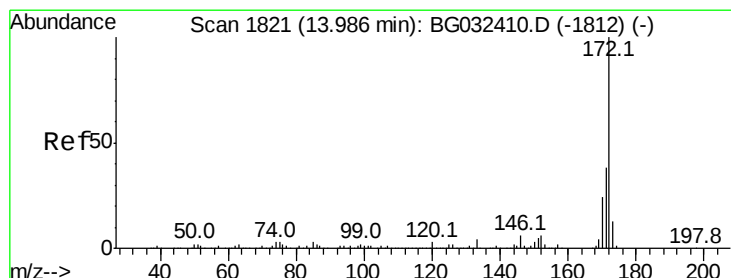
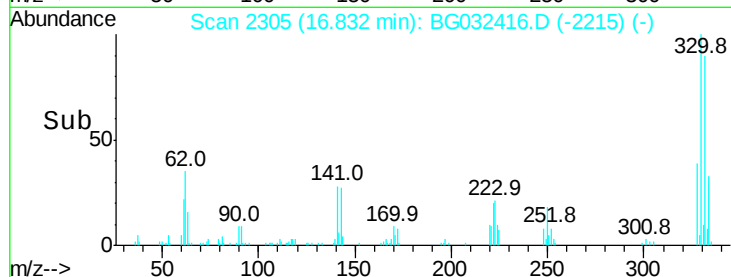
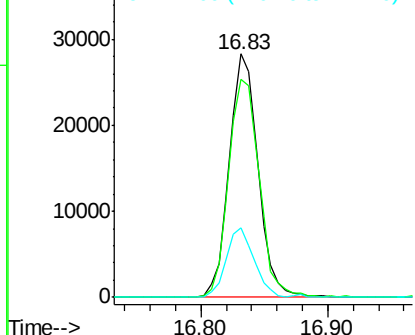
#41
 2,4,6-Tribromophenol
 Concen: 29.803 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 44379
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 27.3 25.2 37.8

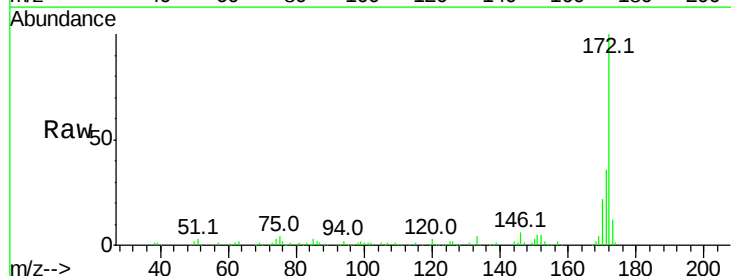


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

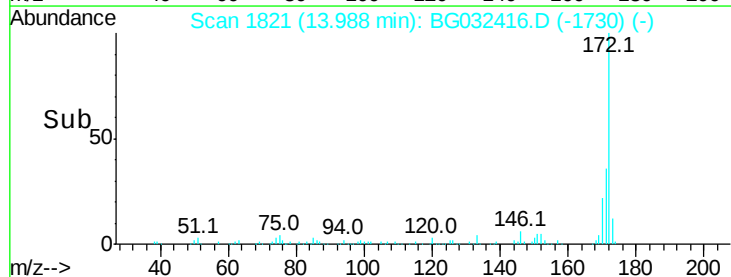
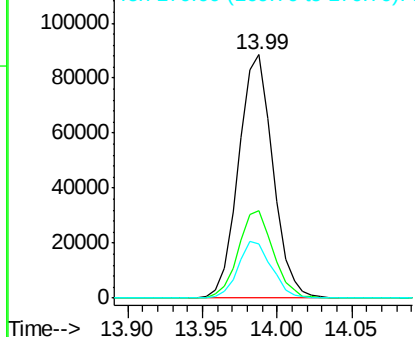


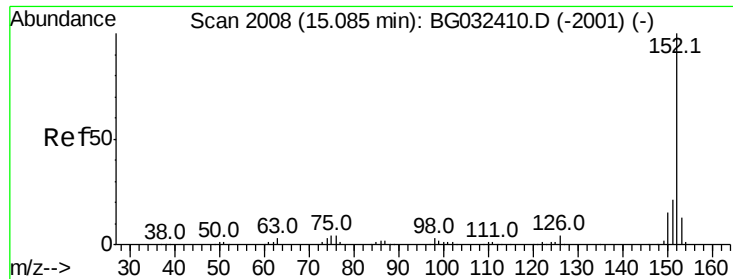
#44
 2-Fluorobiphenyl
 Concen: 21.478 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

Tgt Ion:172 Resp: 141362
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 22.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 33.004 ng

RT: 15.09 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

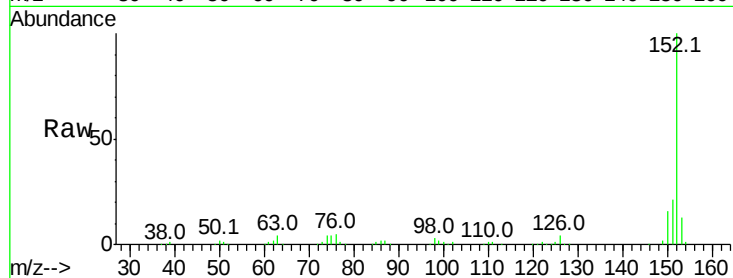
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 258453

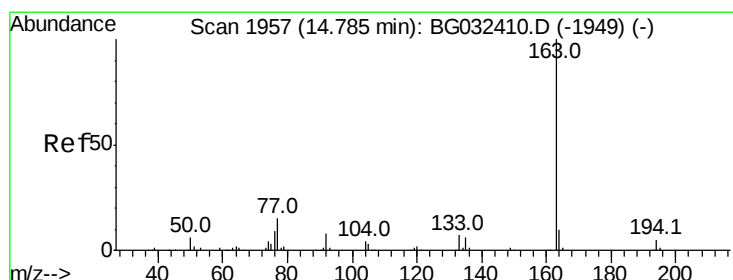
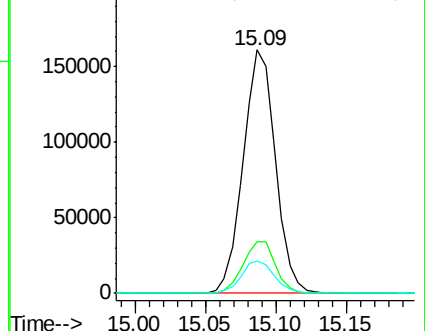
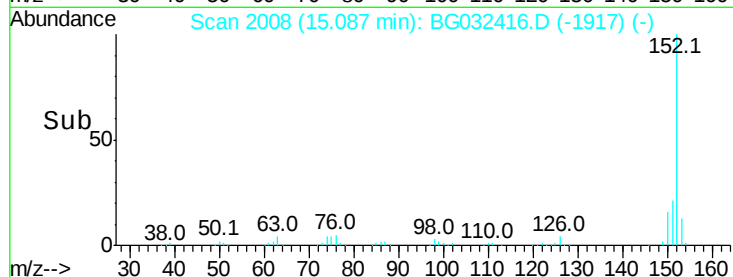
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	13.3	10.2	15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 31.759 ng

RT: 14.79 min Scan# 1957

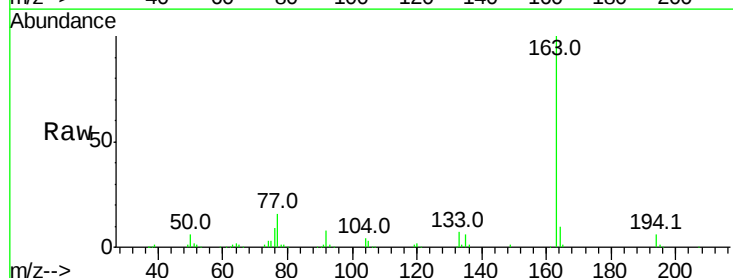
Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Tgt Ion:163 Resp: 229074

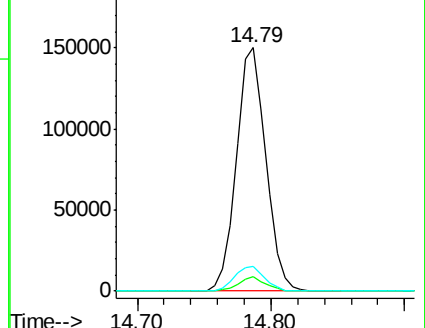
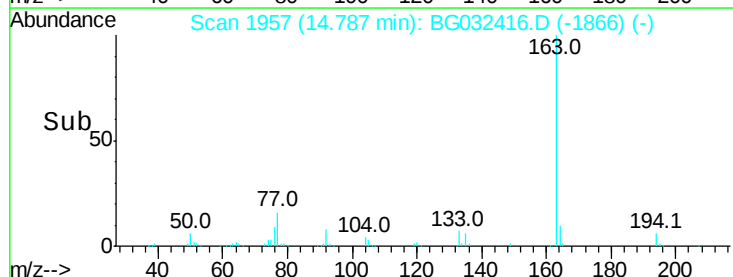
Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.4	5.2#
164	10.1	8.2	12.4

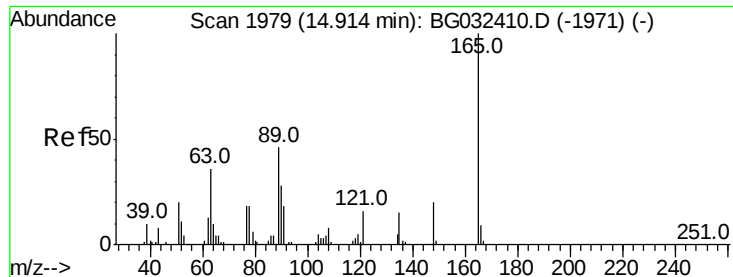


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

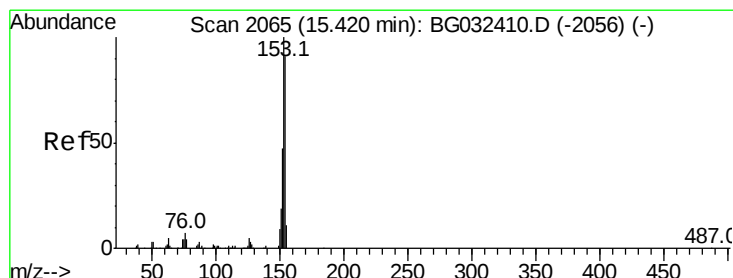
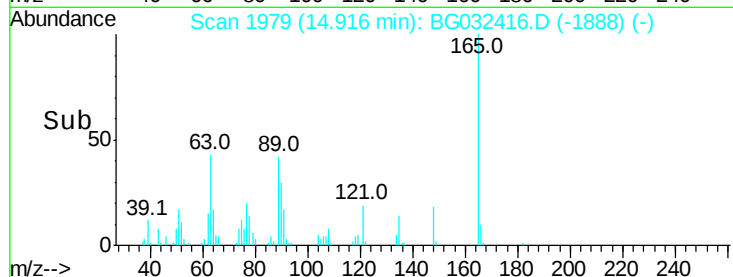
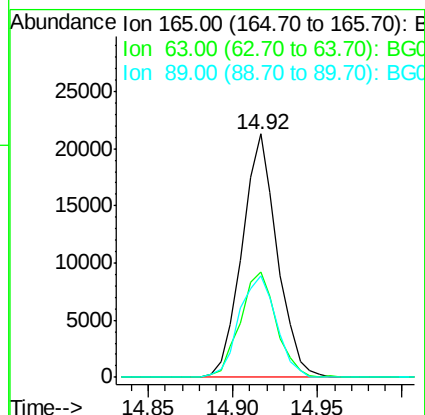
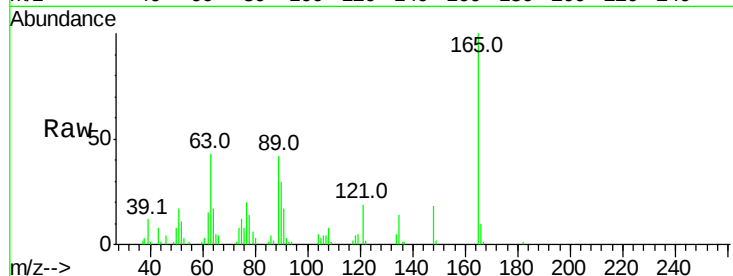




#50
 2,6-Dinitrotoluene
 Concen: 20.340 ng
 RT: 14.92 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

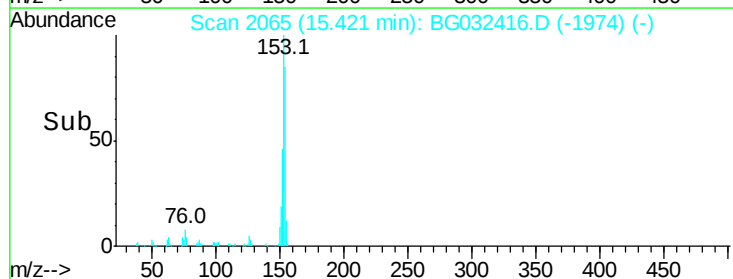
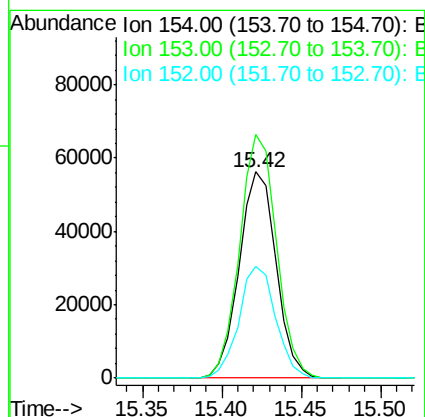
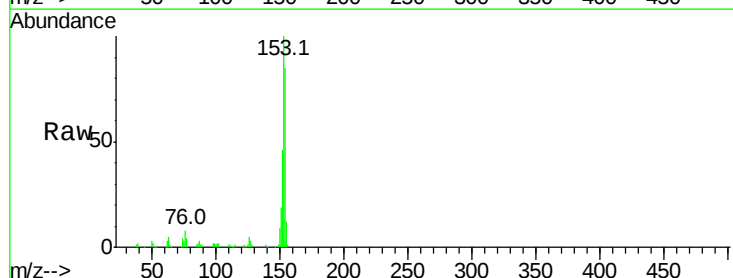
Instrument :
 BNA_G
 ClientSampleId :

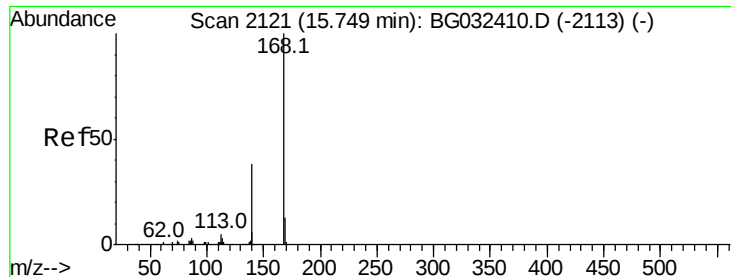
Tot Ion:165 Resp: 30793
 Ion Ratio Lower Upper
 165 100
 63 43.1 52.7 79.1#
 89 41.6 49.2 73.8#



#51
 Acenaphthene
 Concen: 16.749 ng
 RT: 15.42 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

Tgt Ion:154 Resp: 90964
 Ion Ratio Lower Upper
 154 100
 153 118.1 90.4 135.6
 152 54.4 41.6 62.4





#54

Dibenzenofuran

Concen: 14.505 ng

RT: 15.75 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

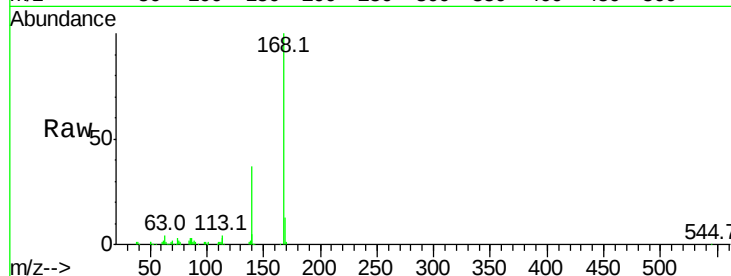
Tot Ion:168 Resp: 116599

Ion Ratio Lower Upper

168 100

139 37.3 28.6 43.0

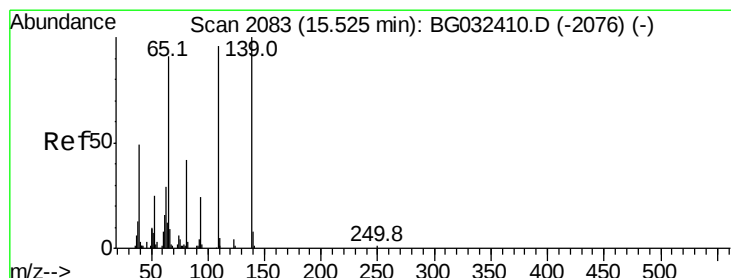
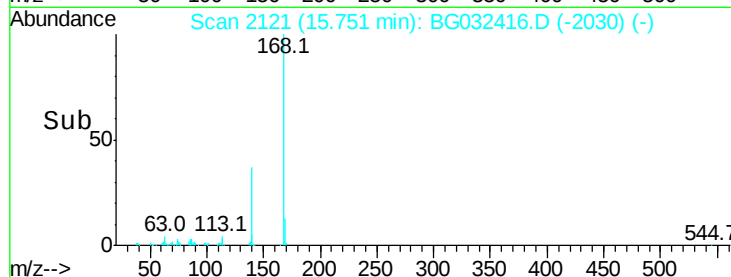
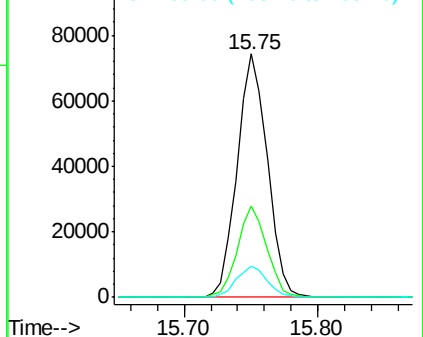
169 12.8 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 42.747 ng

RT: 15.75 min Scan# 2121

Delta R.T. 0.23 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

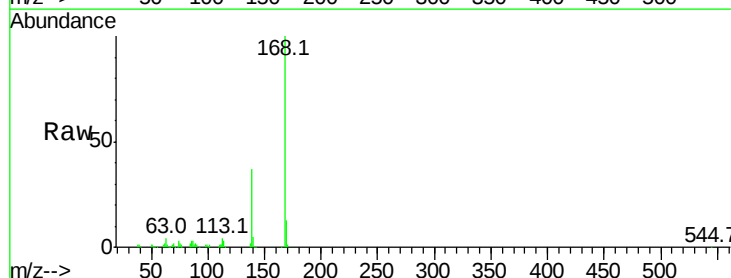
Tgt Ion:139 Resp: 42319

Ion Ratio Lower Upper

139 100

109 0.7 62.2 102.2#

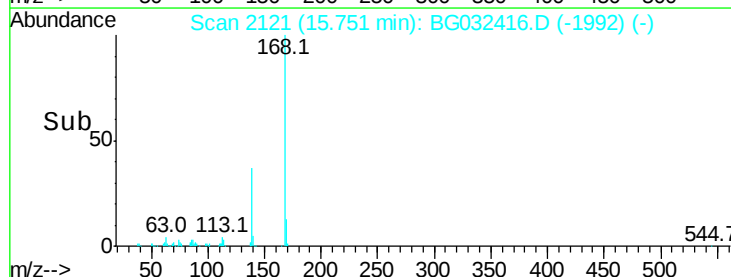
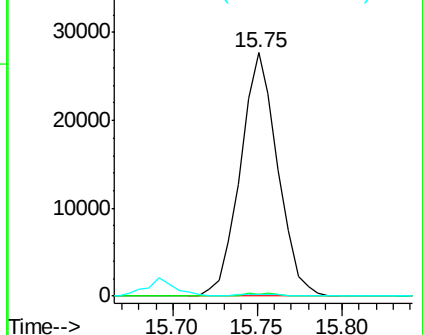
65 0.6 97.2 137.2#

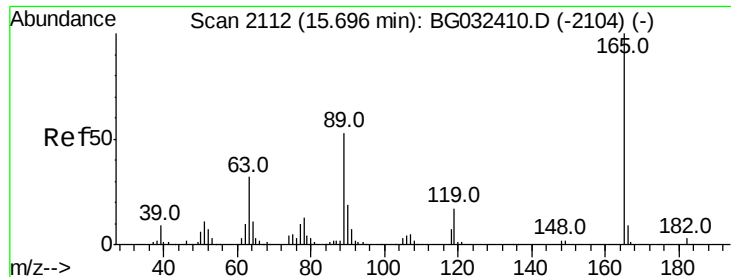


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

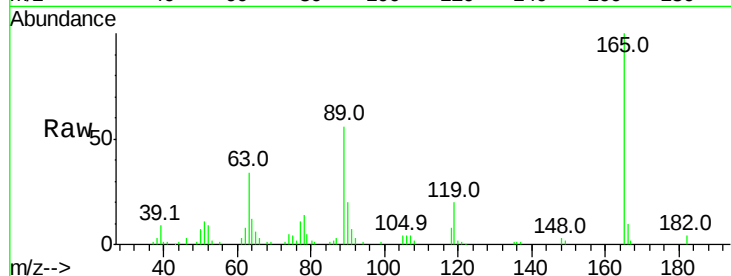




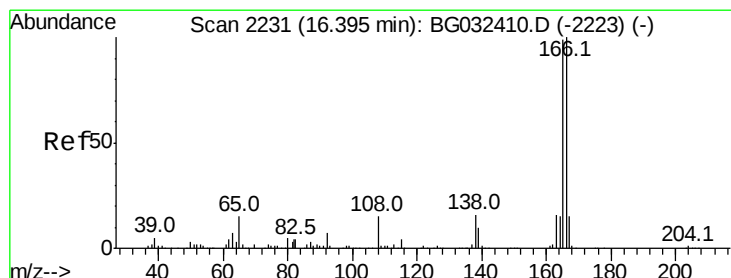
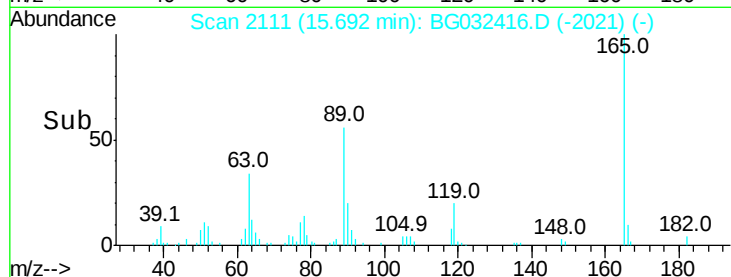
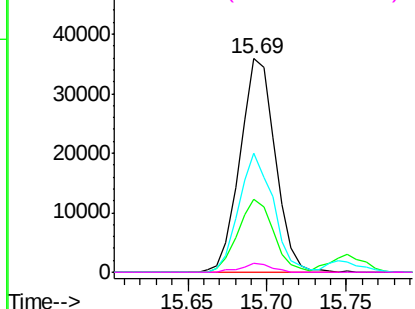
#56
2,4-Dinitrotoluene
Concen: 25.681 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 55356
Ion Ratio Lower Upper
165 100
63 34.0 42.0 63.0#
89 55.8 66.9 100.3#
182 4.4 2.6 3.8#

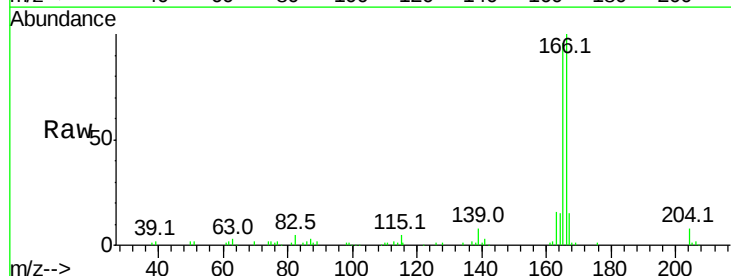


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

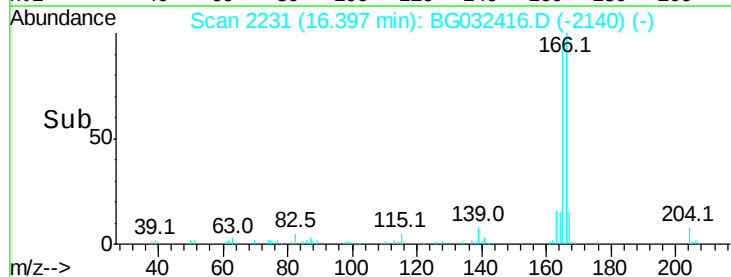
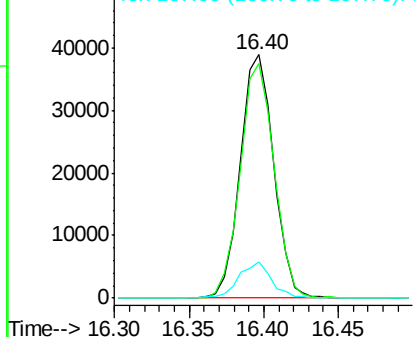


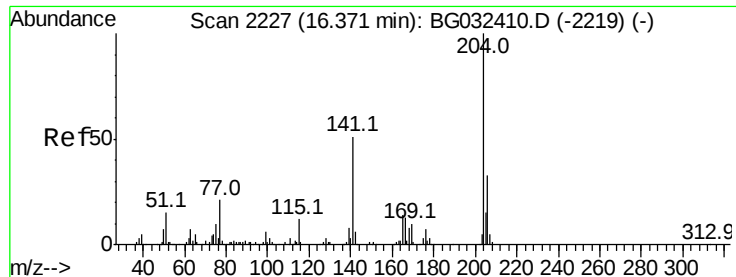
#57
Fluorene
Concen: 9.008 ng
RT: 16.40 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Tgt Ion:166 Resp: 60171
Ion Ratio Lower Upper
166 100
165 96.4 80.6 121.0
167 14.7 10.4 15.6



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

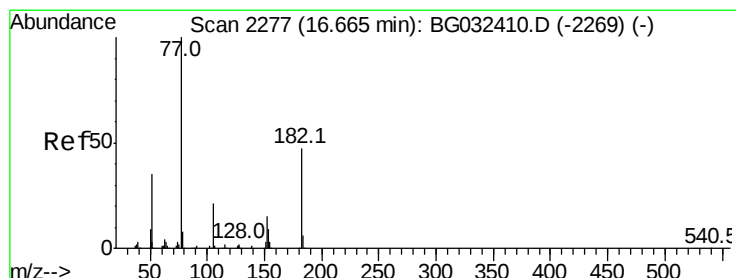
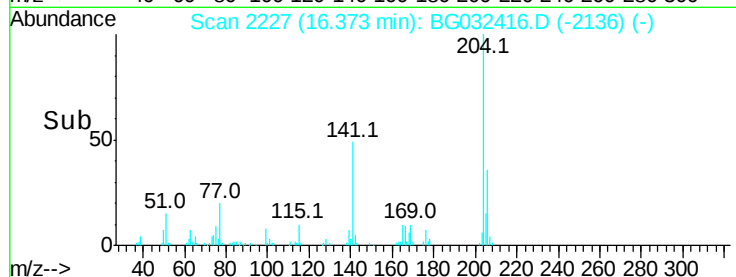
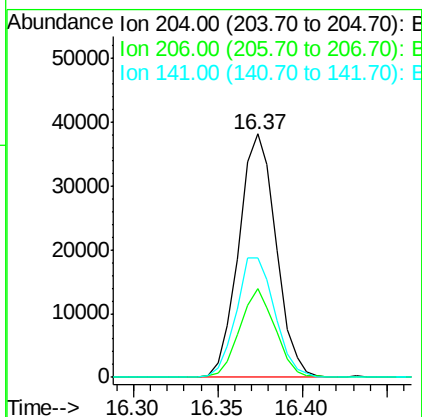
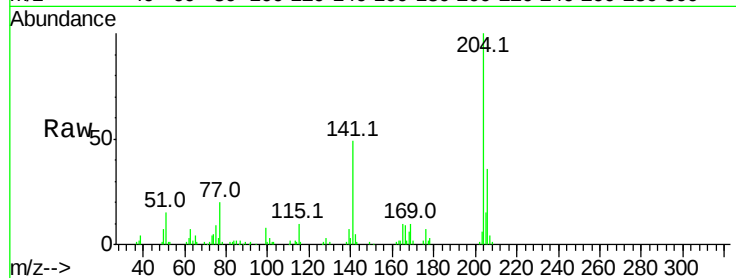




#60
4-Chlorophenyl-phenylether
Concen: 13.914 ng
RT: 16.37 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

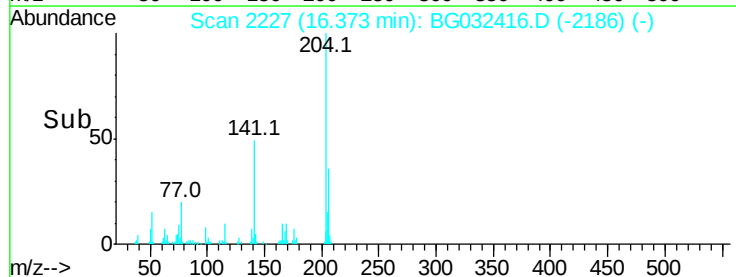
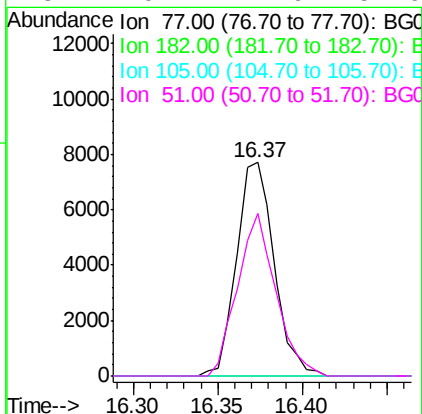
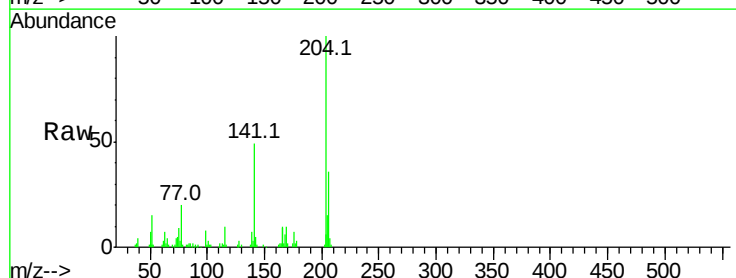
Instrument :
BNA_G
ClientSampled :

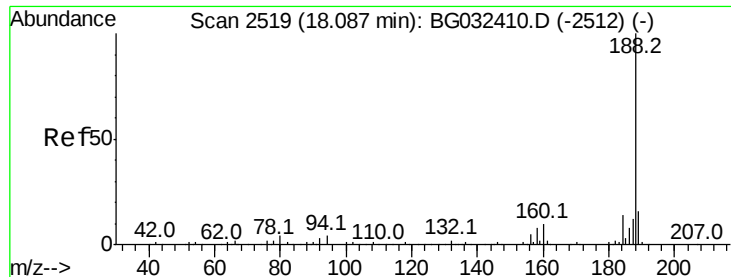
Tot Ion	Ratio	Lower	Upper
204	100		
206	36.3	26.2	39.2
141	49.3	45.8	68.6



#62
Azobenzene
Concen: 2.839 ng
RT: 16.37 min Scan# 2227
Delta R.T. -0.29 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.4	47.4#
105	0.0	0.3	40.3#
51	76.1	11.6	51.6#

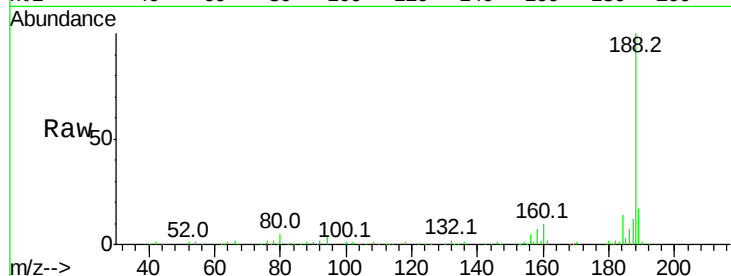




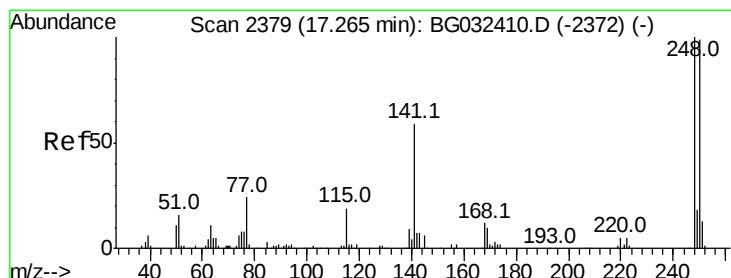
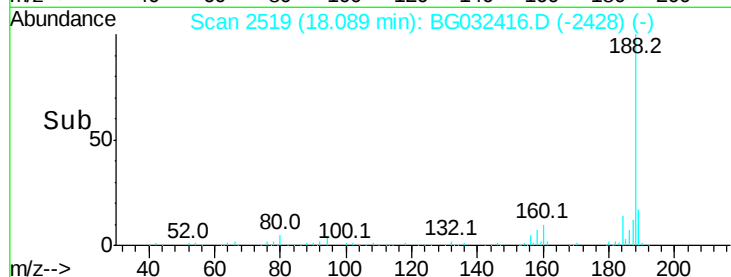
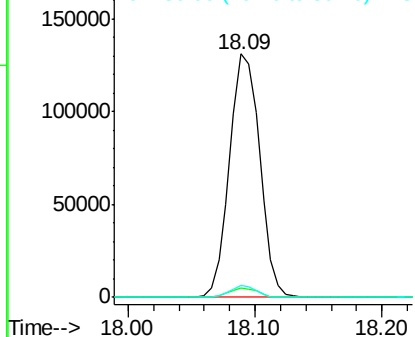
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 216157
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.8 7.7 11.5#

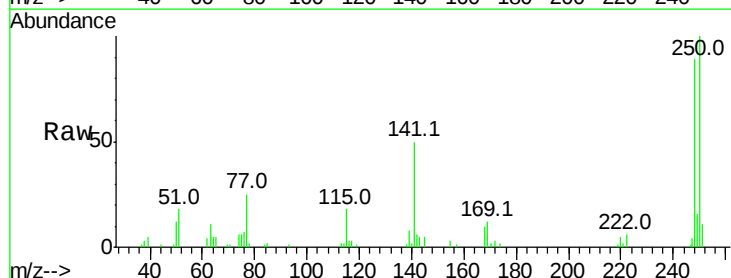


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

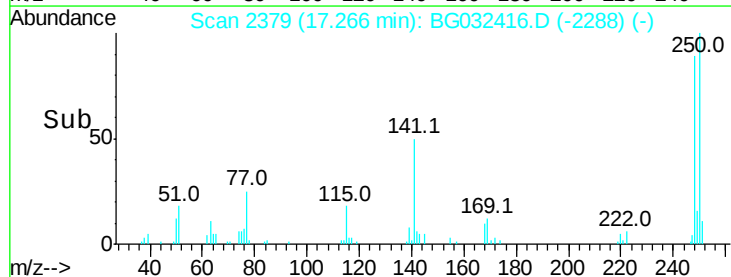
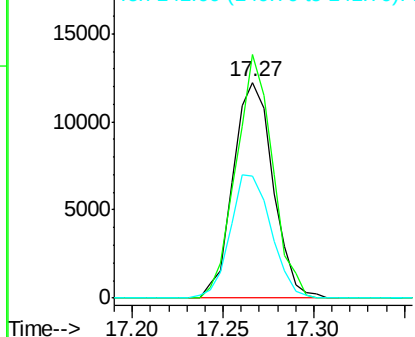


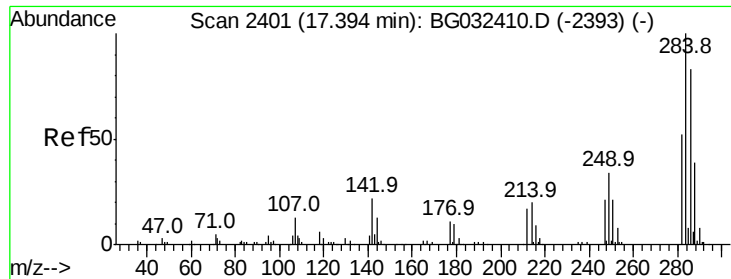
#66
4-Bromophenyl-phenylether
Concen: 5.827 ng
RT: 17.27 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Tgt Ion:248 Resp: 18661
Ion Ratio Lower Upper
248 100
250 112.9 77.1 115.7
141 56.3 50.8 76.2



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





#67

Hexachlorobenzene

Concen: 29.368 ng

RT: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

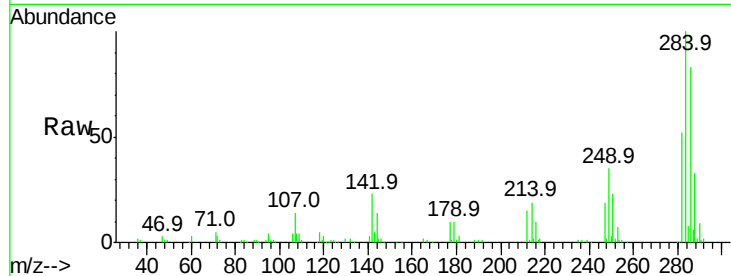
Tot Ion:284 Resp: 104076

Ion Ratio Lower Upper

284 100

142 22.5 26.8 40.2#

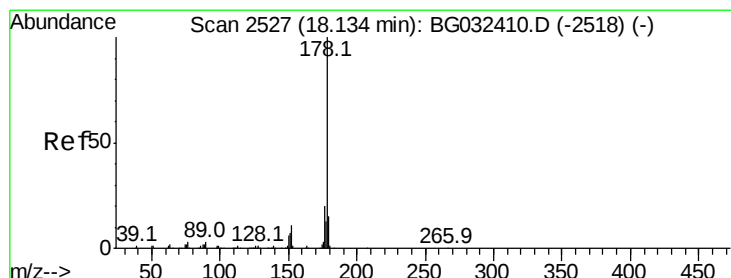
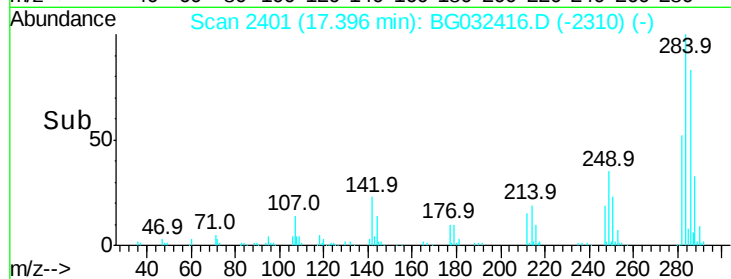
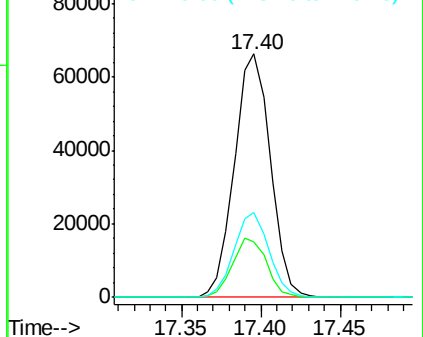
249 34.6 26.3 39.5



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



#70

Phenanthrene

Concen: 14.035 ng

RT: 18.14 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

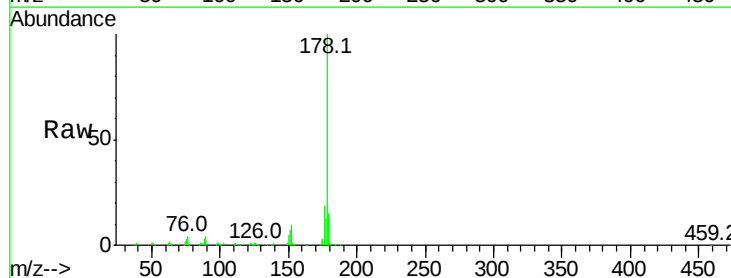
Tgt Ion:178 Resp: 169190

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

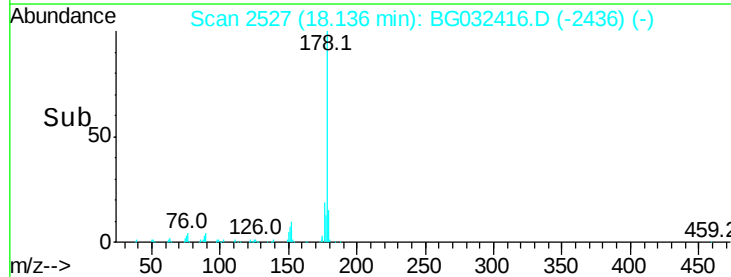
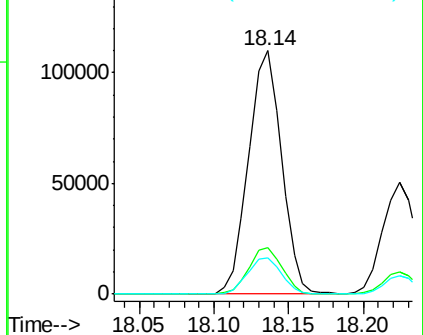
179 14.9 12.5 18.7

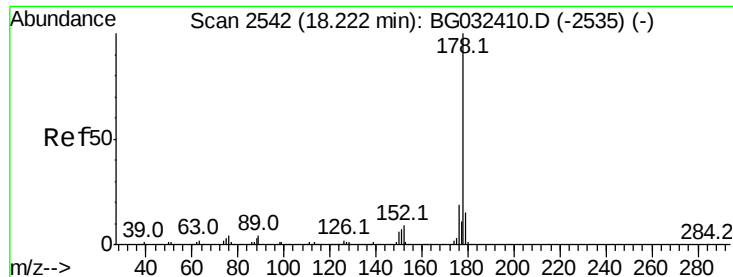


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 6.598 ng

RT: 18.22 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

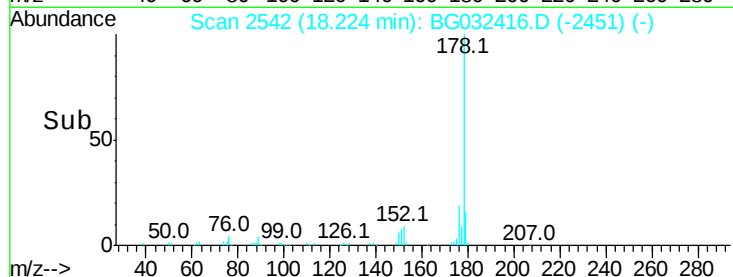
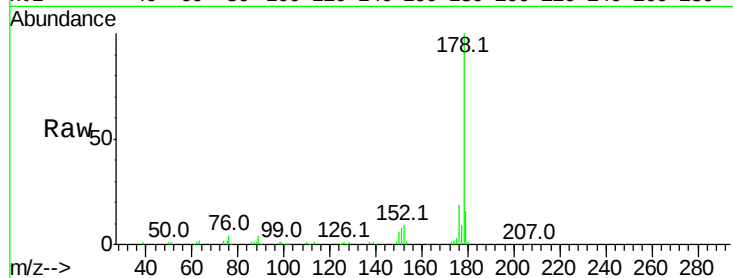
Instrument :

BNA_G

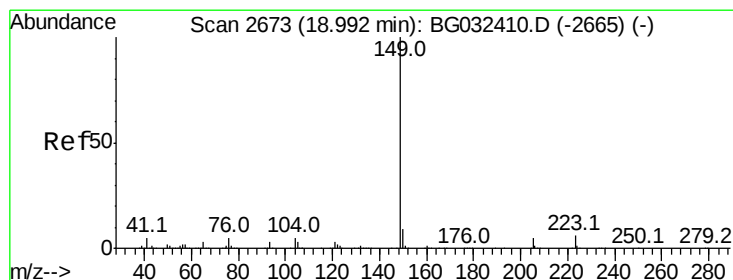
ClientSampleId :

Tot Ion:178 Resp: 79188

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.2	12.5	18.7



Time-->



#73

Di-n-butylphthalate

Concen: 34.809 ng

RT: 18.99 min Scan# 2673

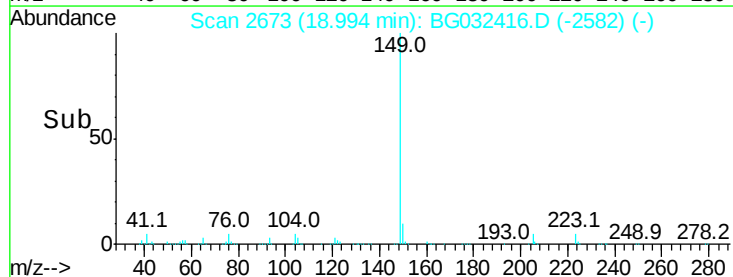
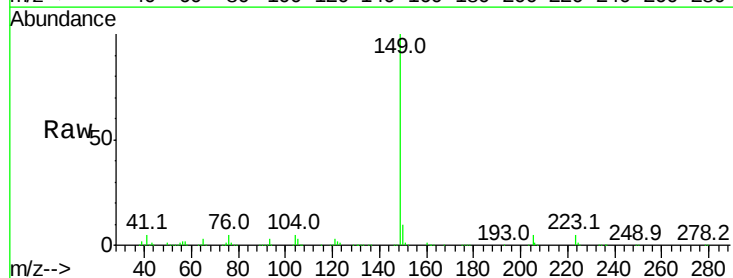
Delta R.T. 0.00 min

Lab File: BG032416.D

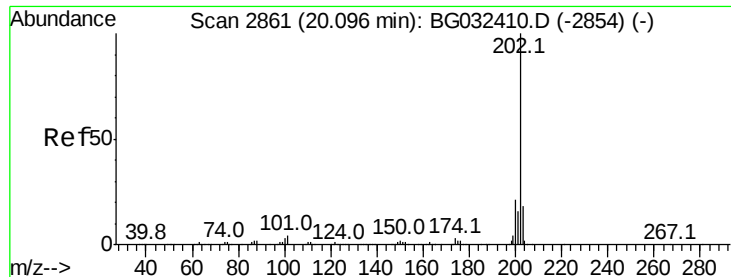
Acq: 29 Jan 2018 16:09

Tgt Ion:149 Resp: 408715

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.2	3.9	5.9



Time-->



#74

Fluoranthene

Concen: 38.955 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampled :

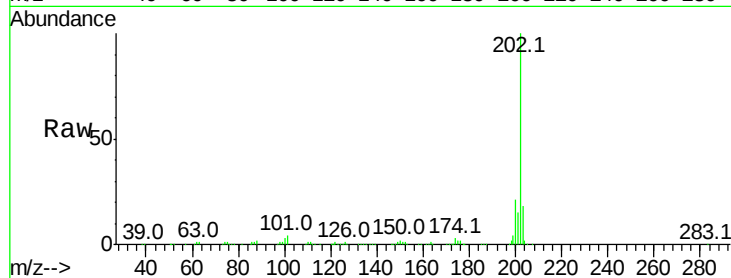
Tot Ion:202 Resp: 615824

Ion Ratio Lower Upper

202 100

101 4.2 0.0 28.9

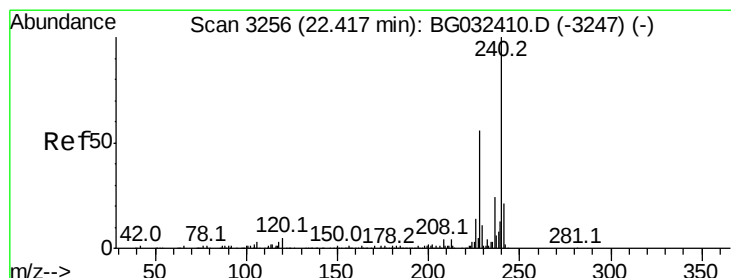
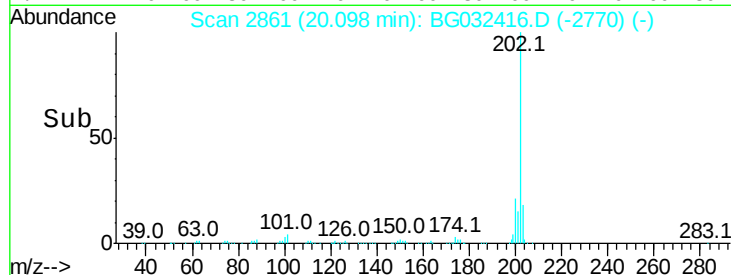
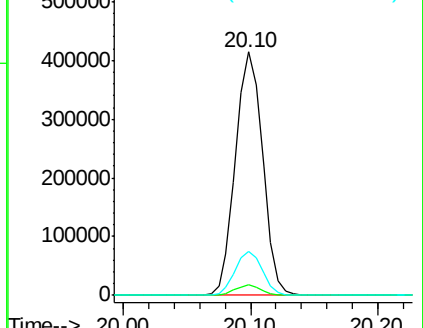
203 18.1 0.0 37.5



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: 22.42 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

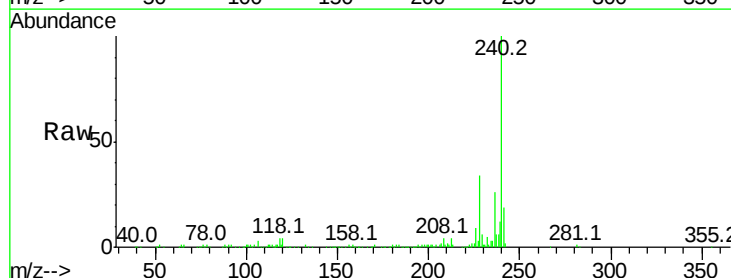
Tgt Ion:240 Resp: 279781

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

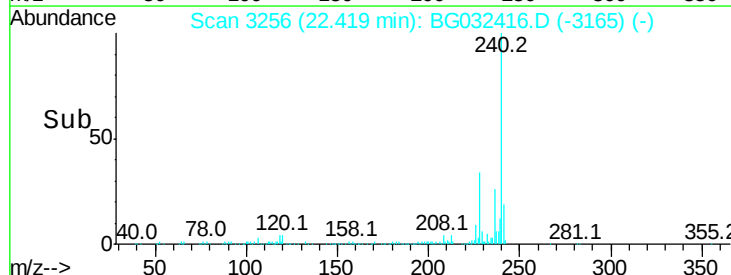
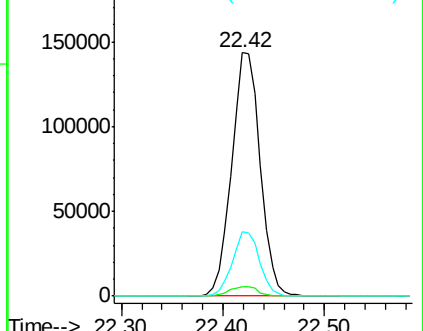
236 26.5 20.9 31.3

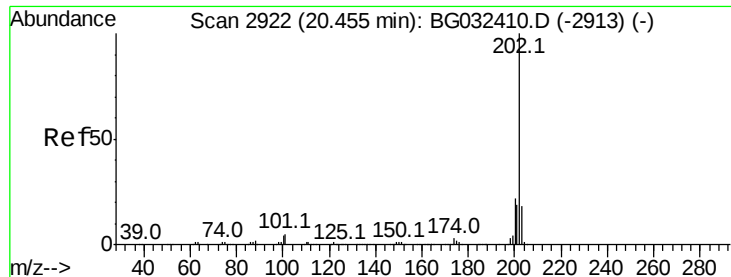


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 35.887 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.36 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampled :

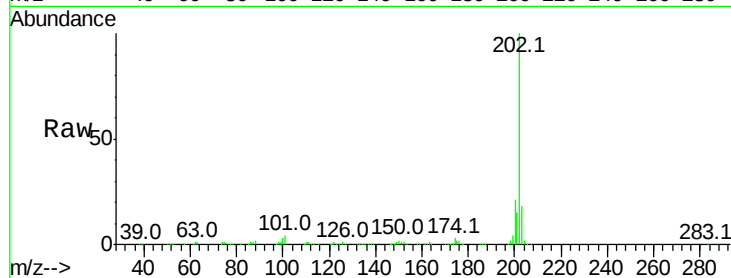
Tot Ion:202 Resp: 615824

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

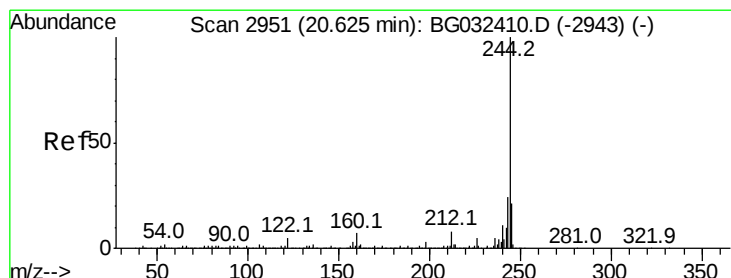
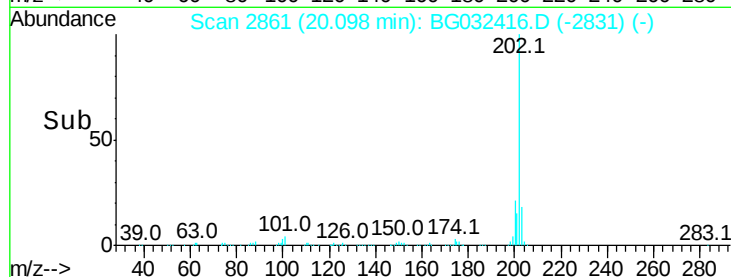
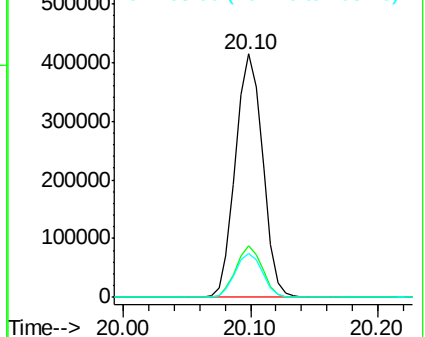
203 18.1 13.9 20.9



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: 25.461 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

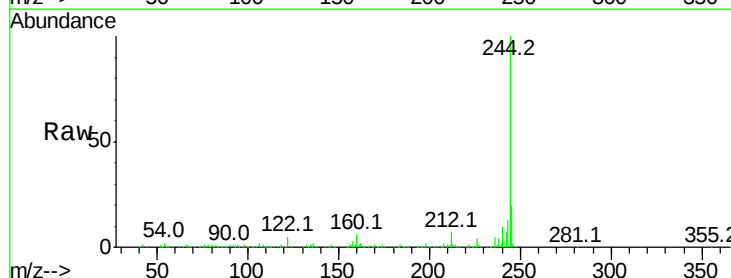
Tgt Ion:244 Resp: 332555

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

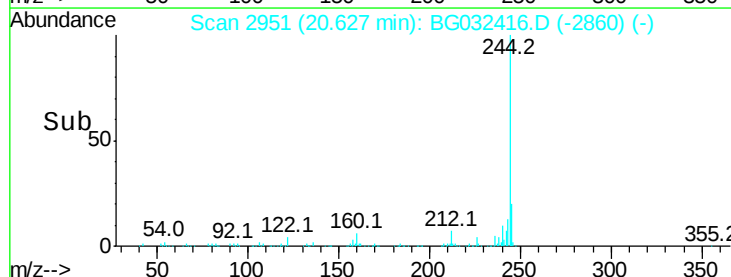
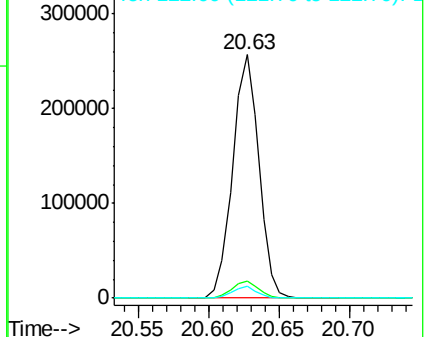
122 5.1 7.0 10.4#

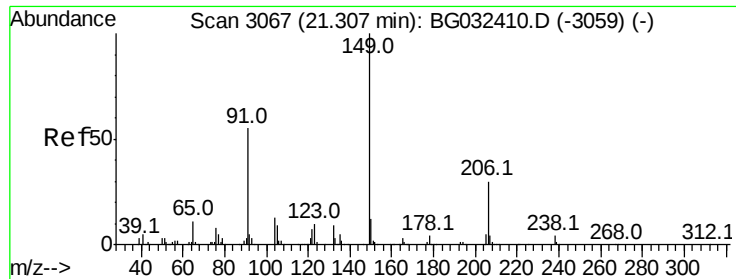


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 21.079 ng

RT: 21.31 min Scan# 3068

Delta R.T. 0.01 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

Instrument :

BNA_G

ClientSampleId :

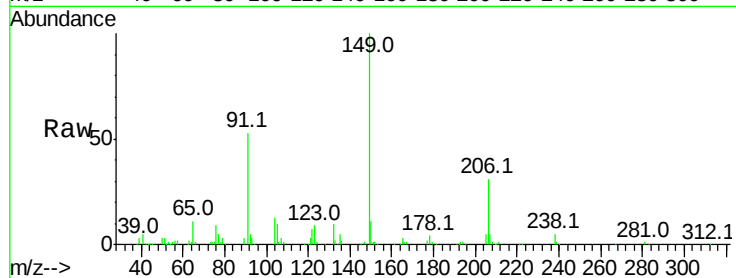
Tot Ion:149 Resp: 114095

Ion Ratio Lower Upper

149 100

91 52.8 62.2 93.2#

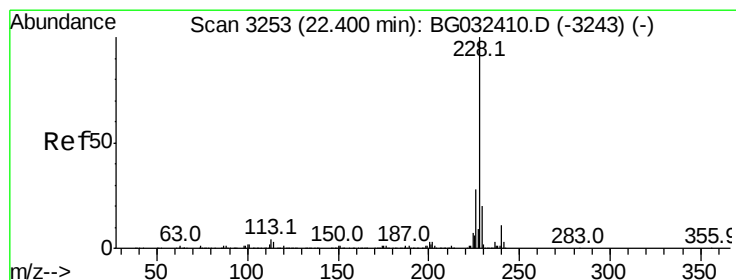
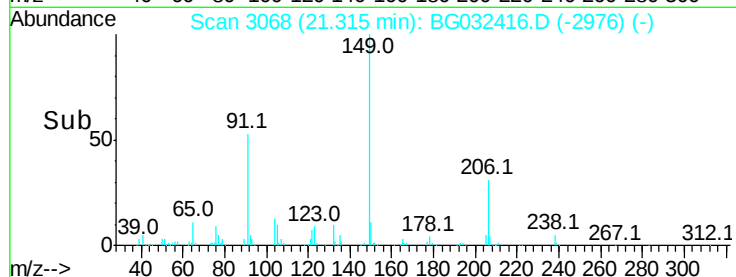
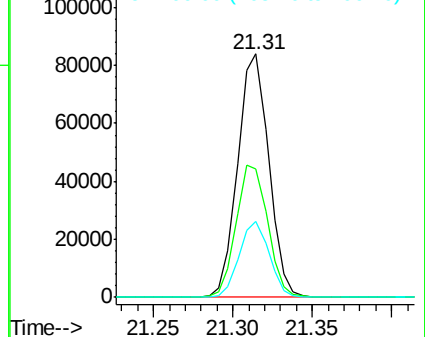
206 31.3 18.6 27.8#



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: 17.177 ng

RT: 22.40 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG032416.D

Acq: 29 Jan 2018 16:09

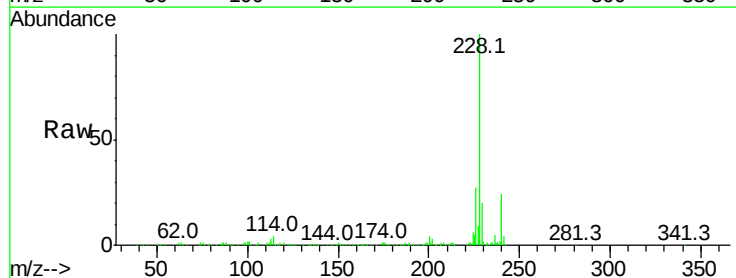
Tgt Ion:228 Resp: 297929

Ion Ratio Lower Upper

228 100

226 27.3 22.7 34.1

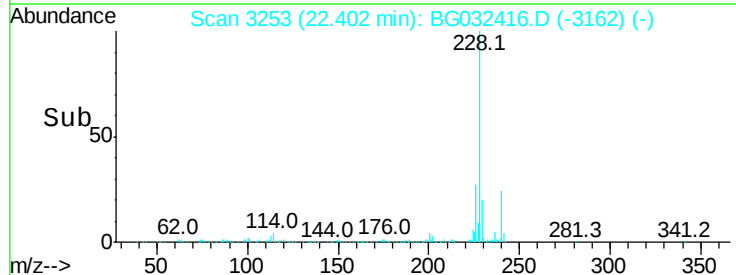
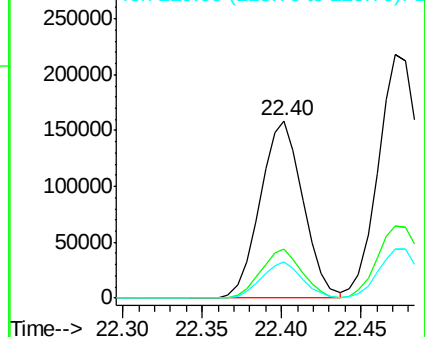
229 20.4 16.2 24.2

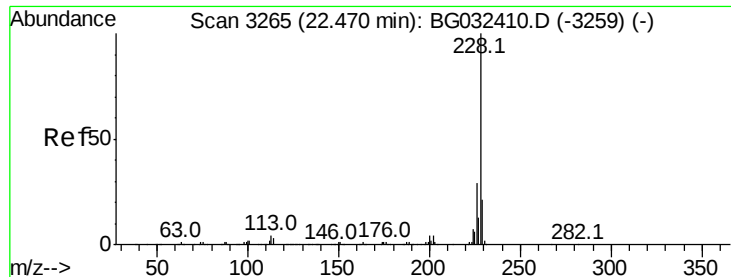


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

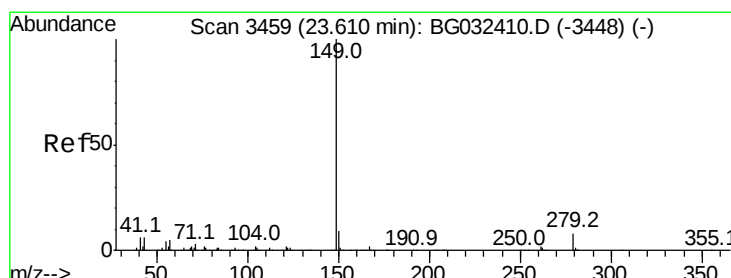
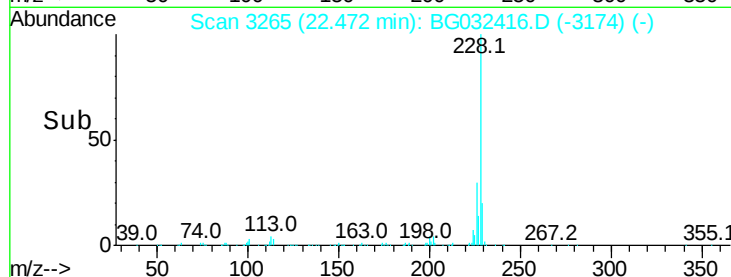
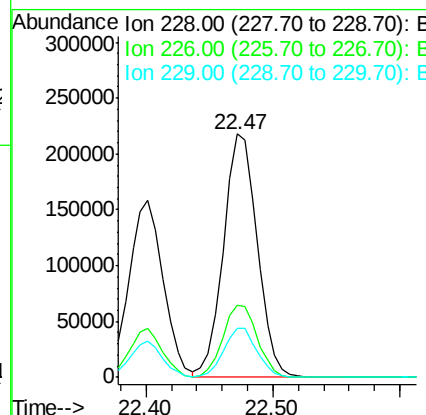
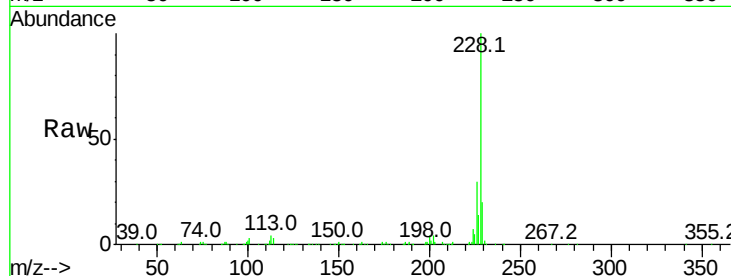




#82
 Chrysene
 Concen: 23.940 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

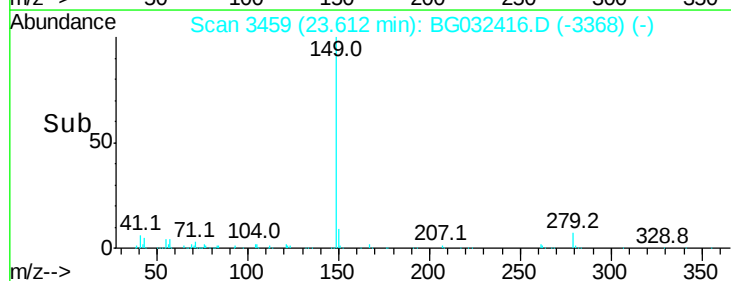
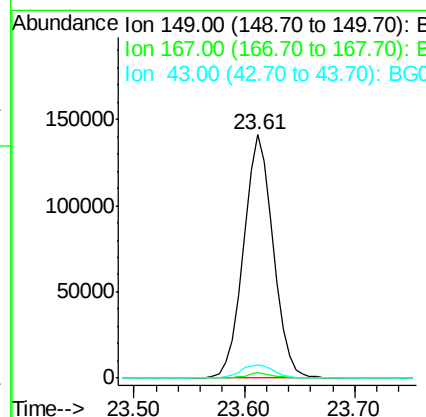
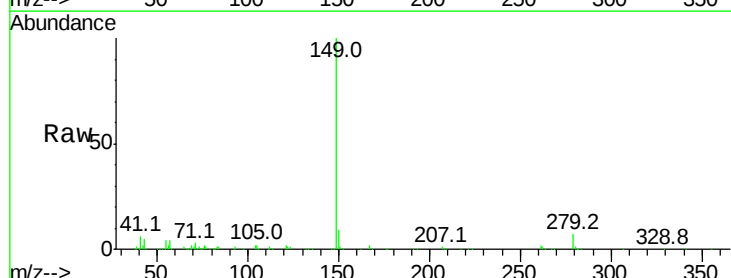
Instrument :
 BNA_G
 ClientSampled :

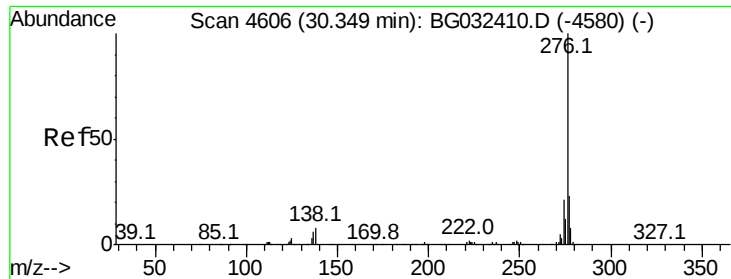
Tot Ion:228 Resp: 401009
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 20.4 15.0 22.4



#84
 Di-n-octyl phthalate
 Concen: 21.864 ng
 RT: 23.61 min Scan# 3459
 Delta R.T. 0.00 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

Tgt Ion:149 Resp: 266150
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 6.0 8.9 13.3#

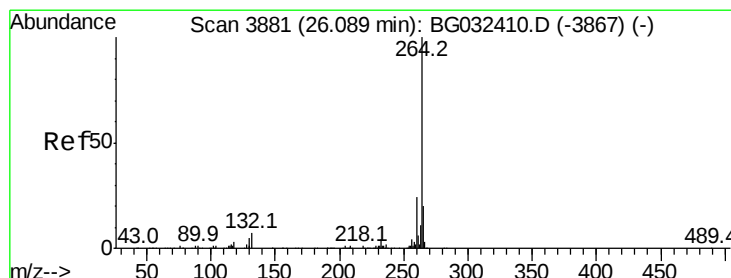
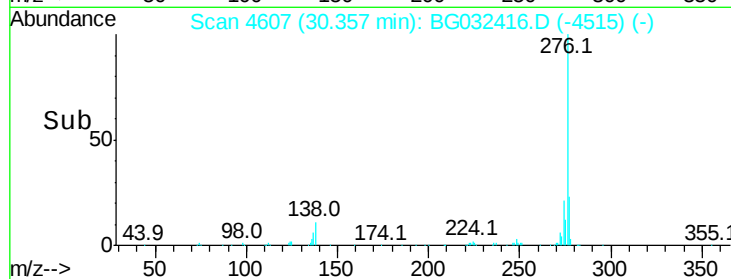
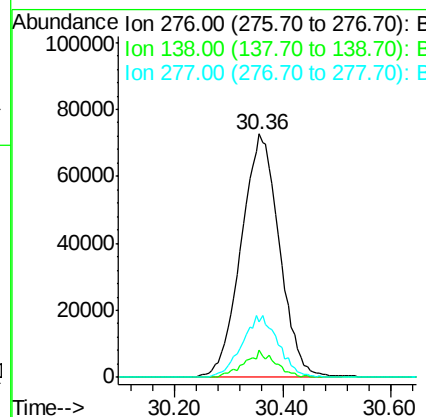
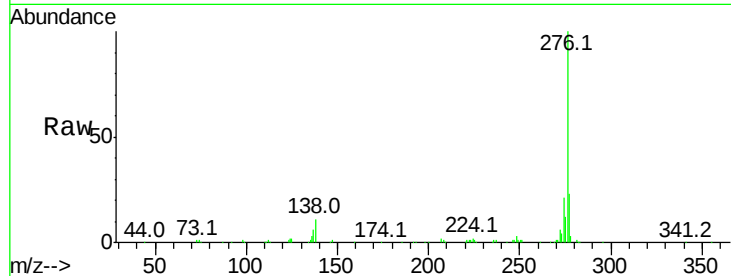




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.778 ng
 RT: 30.36 min Scan# 4607
 Delta R.T. 0.01 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

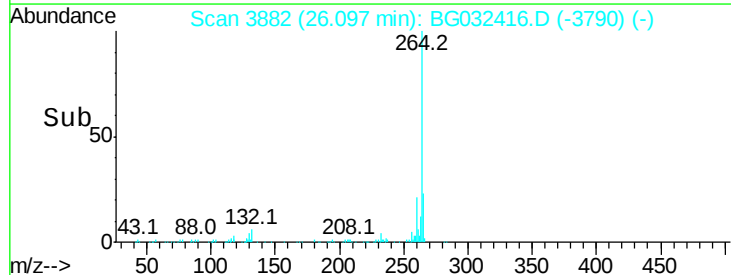
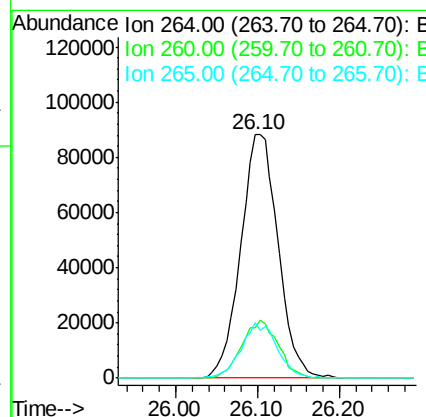
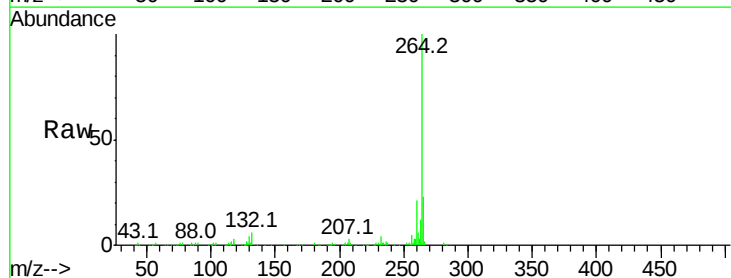
Instrument :
 BNA_G
 ClientSampleId :

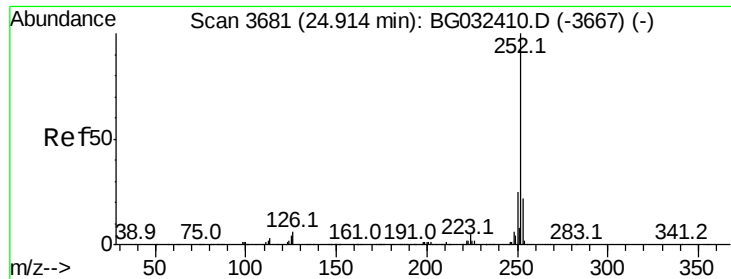
Tot Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.0	24.0#
277	24.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. 0.01 min
 Lab File: BG032416.D
 Acq: 29 Jan 2018 16:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.4	26.0
265	22.6	17.7	26.5

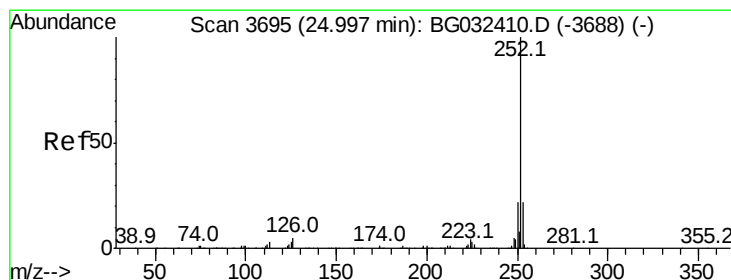
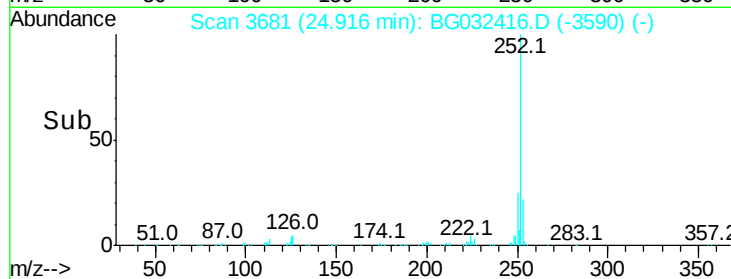
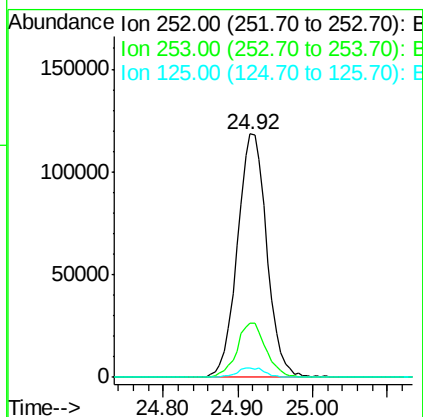
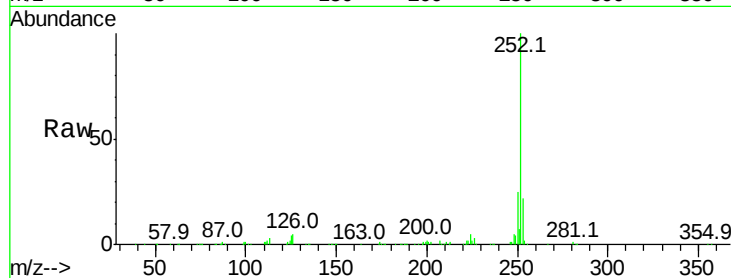




#87
Benzo(b)fluoranthene
Concen: 19.066 ng
RT: 24.92 min Scan# 3681
Delta R.T. 0.00 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	3.7	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 19.246 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.08 min
Lab File: BG032416.D
Acq: 29 Jan 2018 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	3.7	6.6	9.8

