

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032415.D
 Acq On : 29 Jan 2018 15:27
 Operator : SJ/JU
 Sample : J1196-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 03:25:26 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	26681	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	117212	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	89053	20.00	ng	0.00
63) Phenanthrene-d10	18.10	188	238214	20.00	ng	0.00
75) Chrysene-d12	22.43	240	278614	20.00	ng	0.00
86) Perylene-d12	26.11	264	303756	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	214308	161.33	ng	0.02
7) Phenol-d6	7.84	99	287625	162.26	ng	0.02
23) Nitrobenzene-d5	9.93	82	184440	98.29	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	251865	148.58	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	715887	95.55	ng	0.00
78) Terphenyl-d14	20.63	244	1385442	106.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	6649	14.877	ng	# 1
4) n-Nitrosodimethylamine	4.18	42	74594	118.740	ng	# 75
6) Aniline	8.12	93	74813	33.851	ng	# 54
11) bis(2-Chloroethyl)ether	8.12	93	74813	58.329	ng	# 80
12) 1,3-Dichlorobenzene	9.10	146	221987	104.538	ng	# 92
13) 1,4-Dichlorobenzene	9.10	146	233636	109.773	ng	# 92
14) 1,2-Dichlorobenzene	9.10	146	233636	112.058	ng	# 97
18) Hexachloroethane	9.85	117	81367	113.866	ng	# 81
19) n-Nitroso-di-n-propylamine	9.54	70	93139	79.246	ng	# 88
24) Nitrobenzene	9.98	77	296649	163.478	ng	# 85
25) Isophorone	10.49	82	339430	106.228	ng	# 84
26) 2-Nitrophenol	10.50	139	7761	7.075	ng	# 76
28) bis(2-Chloroethoxy)methane	10.50	93	5493	3.135	ng	# 1
30) 1,2,4-Trichlorobenzene	11.47	180	428385	154.104	ng	# 99
31) Naphthalene	11.66	128	188615	32.947	ng	# 98
32) Benzoic acid	10.51	122	322	7.516	ng	# 1
33) 4-Chloroaniline	11.66	127	26081	10.215	ng	# 38
34) Hexachlorobutadiene	11.93	225	210033	97.112	ng	# 96
37) 2-Methylnaphthalene	13.23	142	436043	90.664	ng	# 94
40) Hexachlorocyclopentadiene	13.56	237	170959	65.676	ng	# 88
47) 2-Nitroaniline	14.80	65	9417	7.221	ng	# 1
48) Acenaphthylene	15.09	152	1295671	145.341	ng	# 99
49) Dimethylphthalate	14.80	163	1136718	138.437	ng	# 98
50) 2,6-Dinitrotoluene	14.93	165	163037	94.601	ng	# 77
51) Acenaphthene	15.43	154	474554	76.757	ng	# 97
54) Dibenzofuran	15.76	168	580396	63.426	ng	# 98
55) 4-Nitrophenol	15.76	139	216622	192.216	ng	# 1
56) 2,4-Dinitrotoluene	15.71	165	289033	117.790	ng	# 69
57) Fluorene	16.40	166	300837	39.563	ng	# 97
60) 4-Chlorophenyl-phenylether	16.38	204	295376	61.601	ng	# 95
61) 4-Nitroaniline	16.40	138	4821	2.988	ng	# 12
62) Azobenzene	16.38	77	63337	13.253	ng	# 42
65) n-Nitrosodiphenylamine	16.38	169	31888	4.486	ng	# 87
66) 4-Bromophenyl-phenylether	17.27	248	98391	27.880	ng	# 96

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

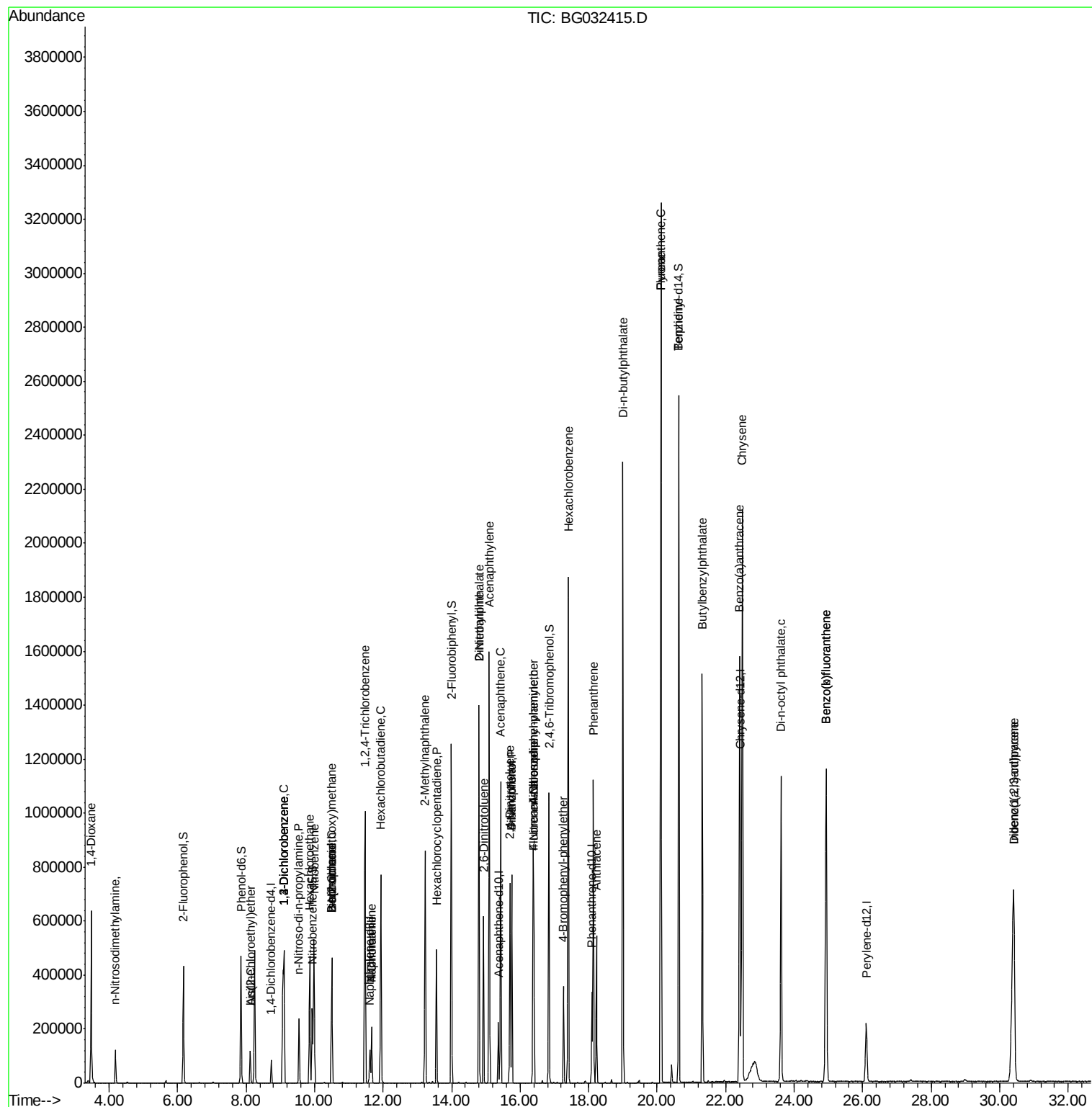
67) Hexachlorobenzene	17.40	284	490431	125.575	nq	# 90
70) Phenanthrene	18.14	178	809673	60.949	nq	99
71) Anthracene	18.23	178	389380	29.437	nq	98
73) Di-n-butylphthalate	19.00	149	1790214	138.350	nq	97
74) Fluoranthene	20.11	202	2441986	140.170	nq	92
76) Benzidine	20.63	184	19543	3.572	nq	# 92
77) Pyrene	20.11	202	2441986	142.902	nq	93
79) Butylbenzylphthalate	21.32	149	548748	101.806	nq	# 77
80) Benzo(a)anthracene	22.41	228	1316509	76.220	nq	99
82) Chrysene	22.49	228	1695796	101.662	nq	96
84) Di-n-octyl phthalate	23.62	149	1318567	108.773	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.41	276	1780189	84.362	nq	# 88
87) Benzo(b)fluoranthene	24.94	252	1521800	82.915	nq	# 96
88) Benzo(k)fluoranthene	24.94	252	1521800	83.700	nq	# 95
90) Dibenzo(a,h)anthracene	30.41	278	51003	2.849	nq	# 67

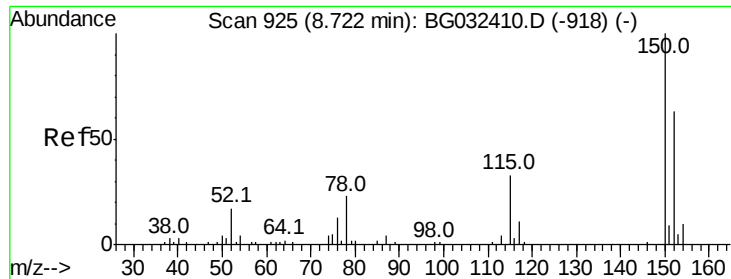
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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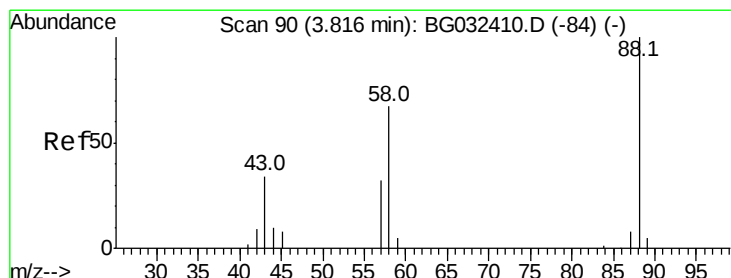
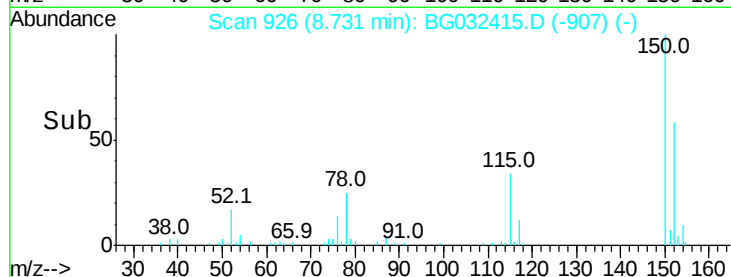
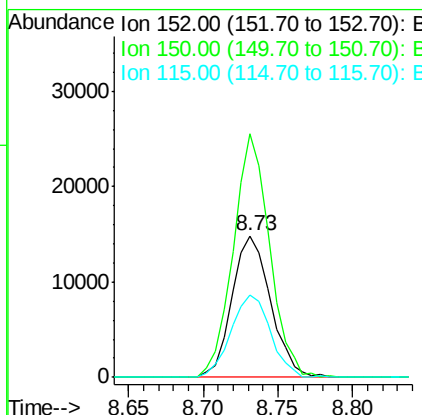
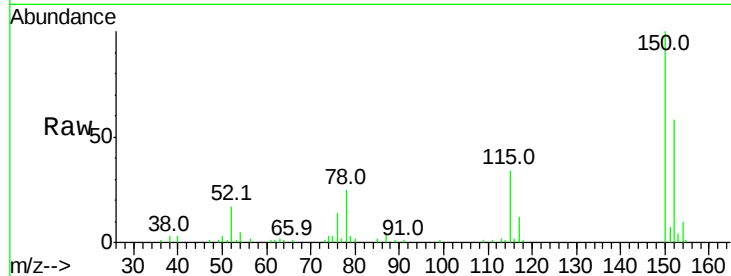


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Instrument :
BNA_G
ClientSampleId :

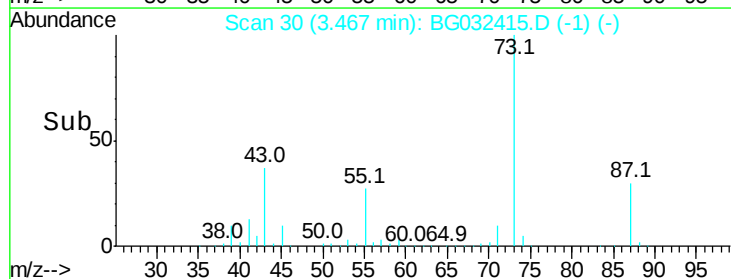
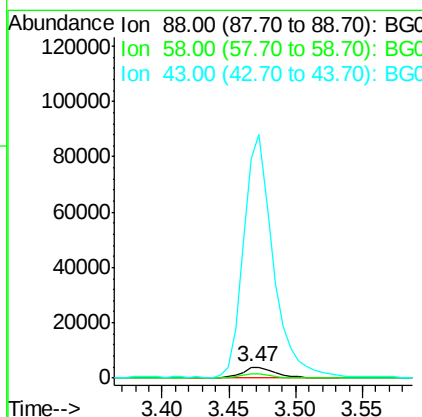
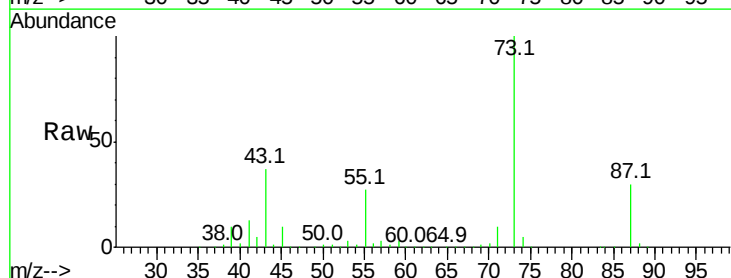
Tot Ion:152 Resp: 26681
Ion Ratio Lower Upper
152 100
150 172.4 126.6 189.8
115 58.2 53.0 79.4

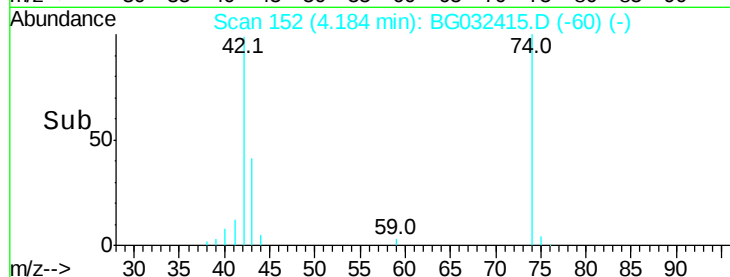
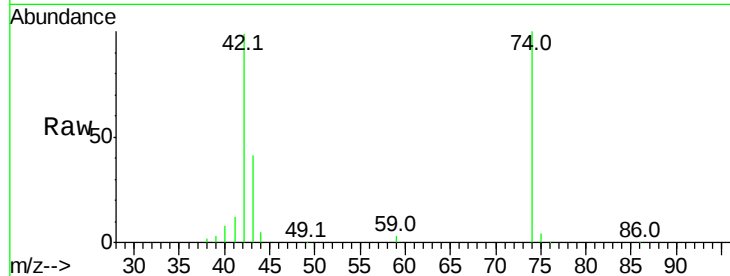
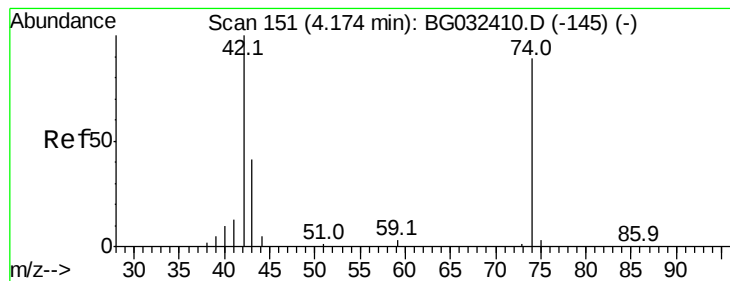


#2

1,4-Dioxane
Concen: 14.877 ng
RT: 3.47 min Scan# 30
Delta R.T. -0.35 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Tgt Ion: 88 Resp: 6649
Ion Ratio Lower Upper
88 100
58 38.6 79.6 119.4#
43 2049.7 27.4 41.0#





#4

n-Nitrosodimethylamine

Concen: 118.740 ng

RT: 4.18 min Scan# 152

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampled :

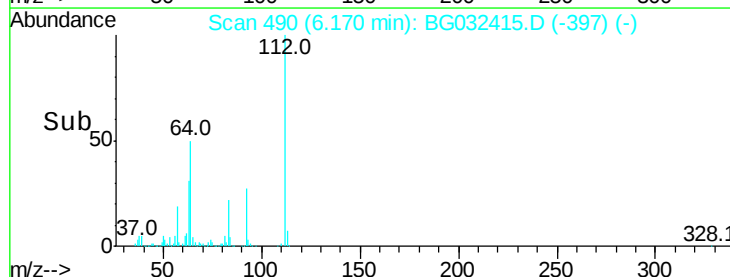
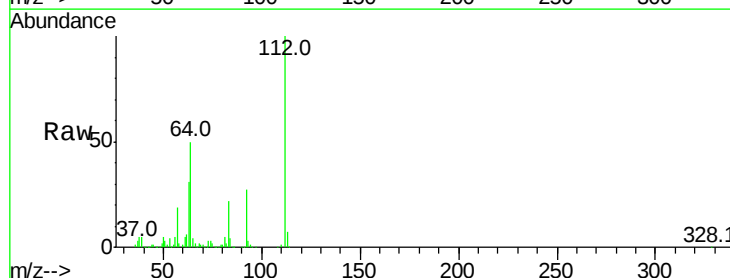
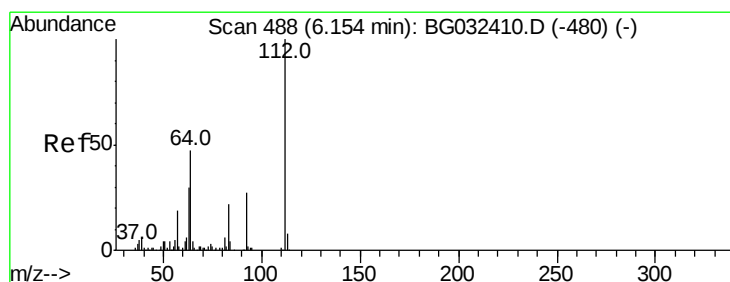
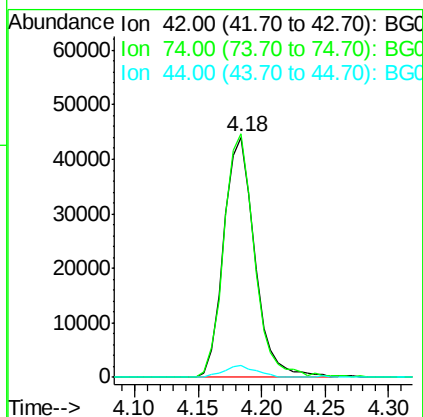
Tot Ion: 42 Resp: 74594

Ion Ratio Lower Upper

42 100

74 101.4 102.5 153.7#

44 4.9 18.9 28.3#



#5

2-Fluorophenol

Concen: 161.332 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.02 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

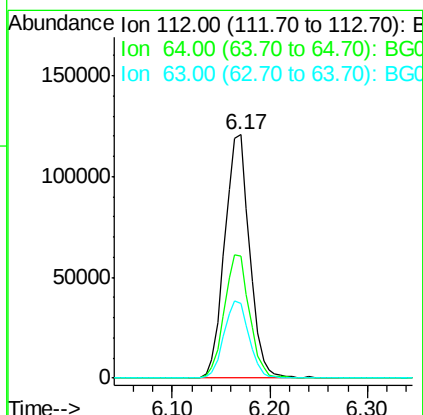
Tgt Ion: 112 Resp: 214308

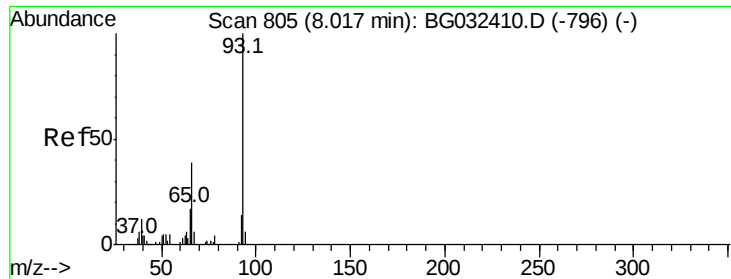
Ion Ratio Lower Upper

112 100

64 50.3 56.3 84.5#

63 30.6 30.1 45.1





#6

Aniline

Concen: 33.851 ng

RT: 8.12 min Scan# 822

Delta R.T. 0.10 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

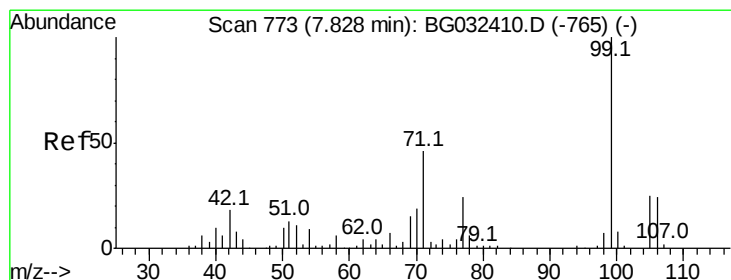
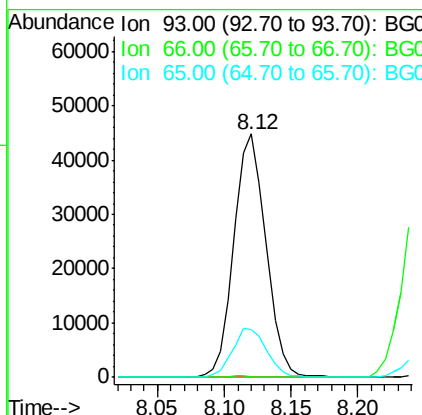
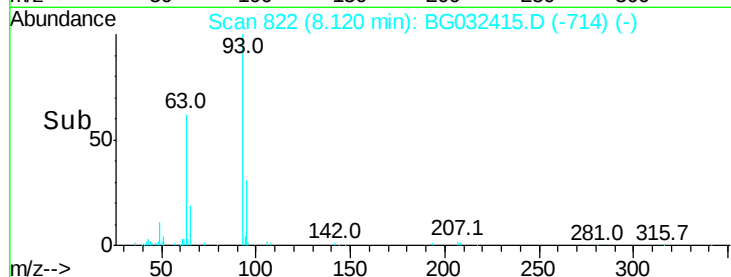
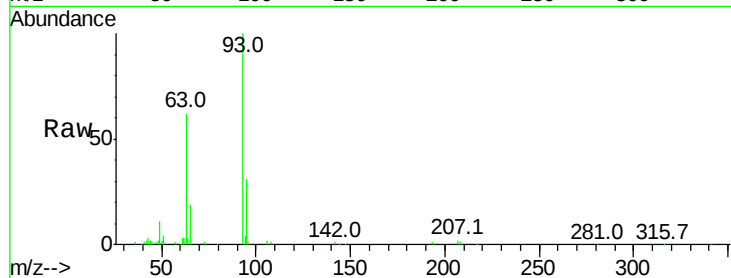
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 93 Resp: 74813

Ion	Ratio	Lower	Upper
93	100		
66	0.0	33.7	50.5#
65	19.4	16.1	24.1



#7

Phenol-d6

Concen: 162.262 ng

RT: 7.84 min Scan# 775

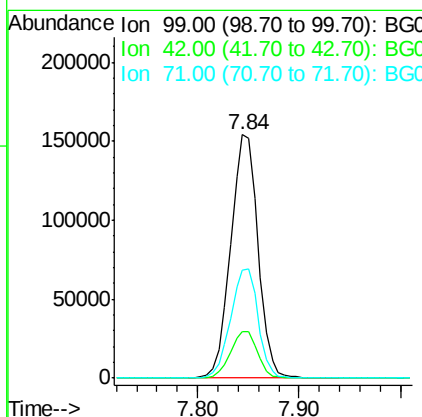
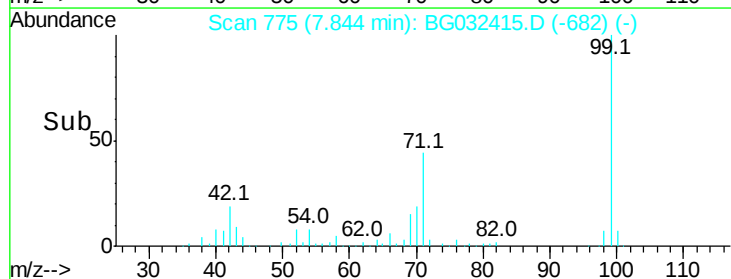
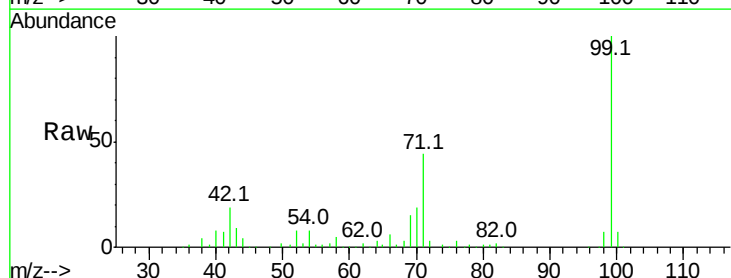
Delta R.T. 0.02 min

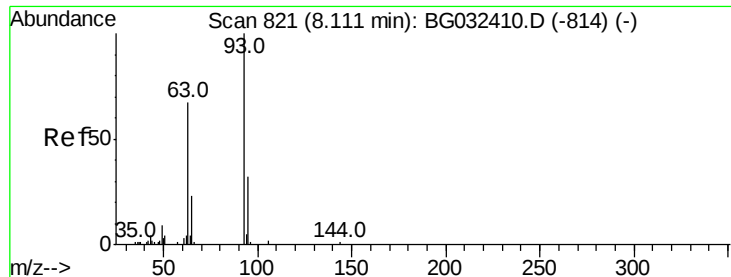
Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Tgt Ion: 99 Resp: 287625

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	44.4	26.1	39.1#





#11

bis(2-Chloroethyl)ether

Concen: 58.329 ng

RT: 8.12 min Scan# 822

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

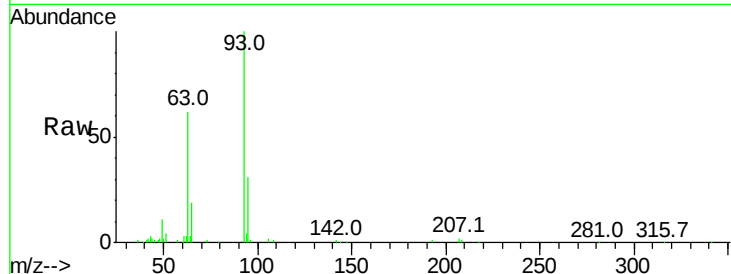
Tot Ion: 93 Resp: 74813

Ion Ratio Lower Upper

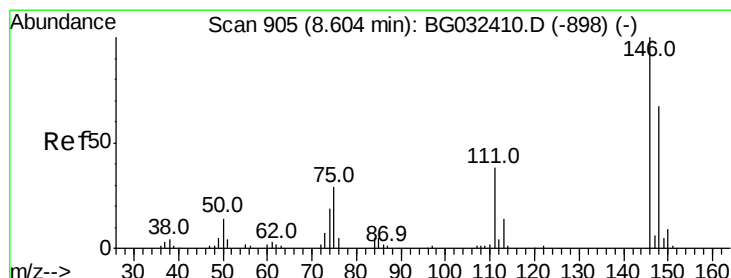
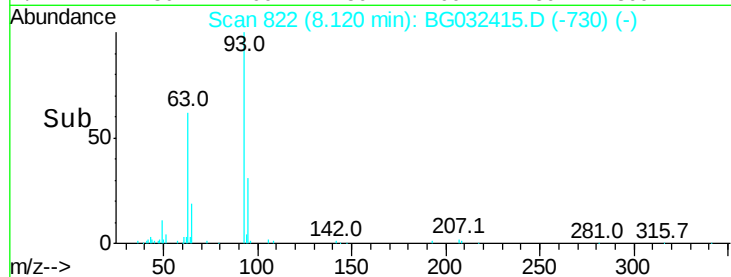
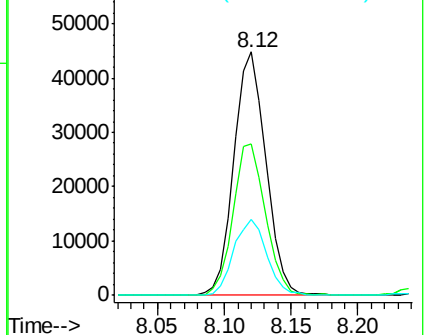
93 100

63 62.4 67.1 107.1#

95 31.1 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: 104.538 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.50 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

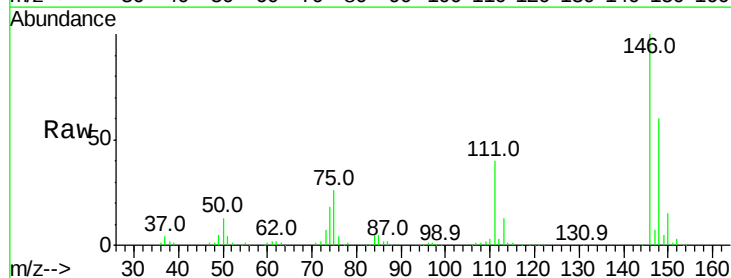
Tgt Ion:146 Resp: 221987

Ion Ratio Lower Upper

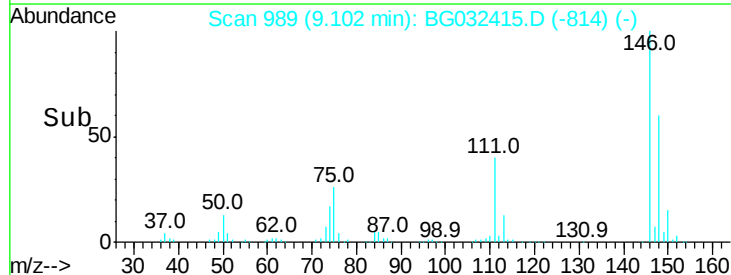
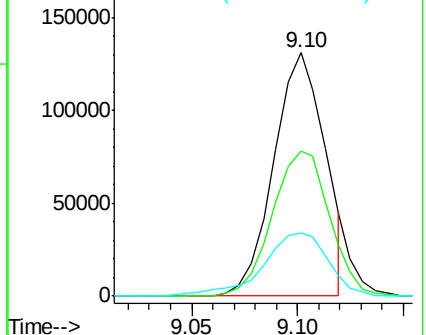
146 100

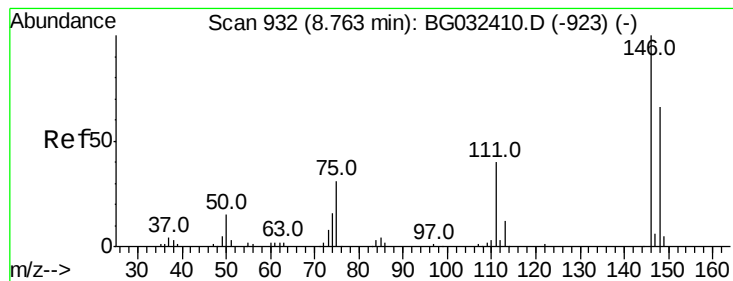
148 59.7 51.4 77.2

75 26.2 26.6 39.8#



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





#13

1,4-Dichlorobenzene

Concen: 109.773 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.34 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

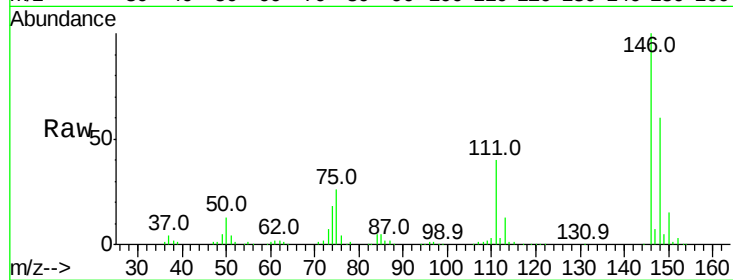
Tot Ion:146 Resp: 233636

Ion Ratio Lower Upper

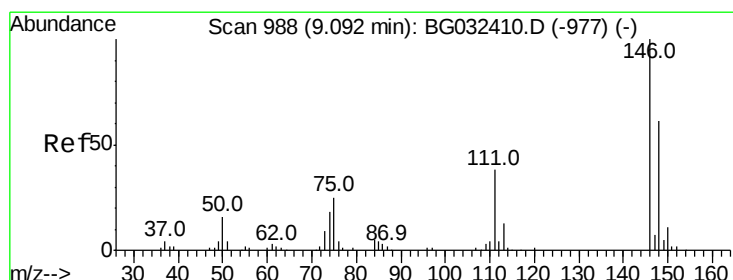
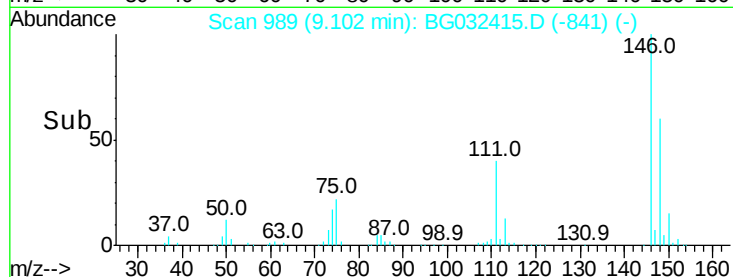
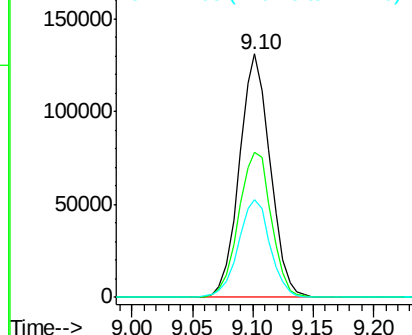
146 100

148 59.7 53.7 80.5

111 40.0 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: 112.058 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

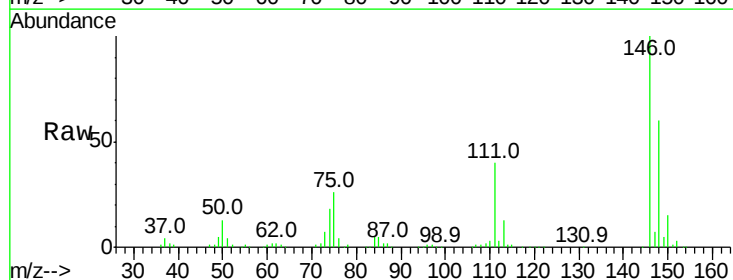
Tgt Ion:146 Resp: 233636

Ion Ratio Lower Upper

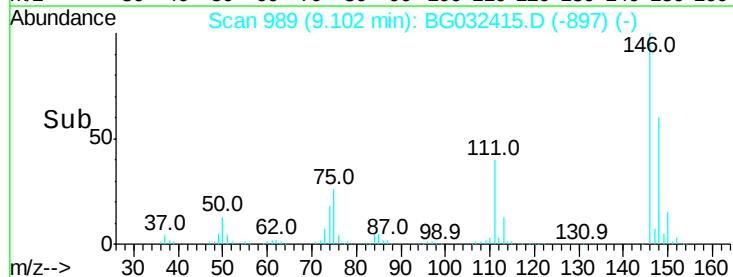
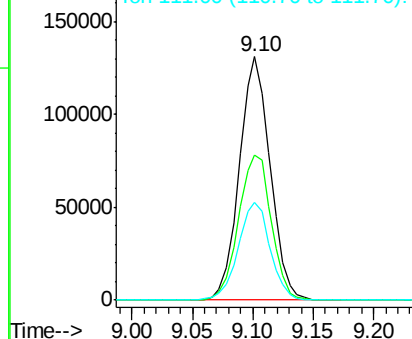
146 100

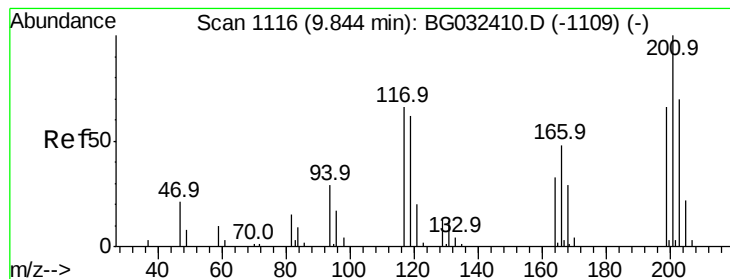
148 59.7 49.3 73.9

111 40.0 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: 113.866 ng

RT: 9.85 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampled :

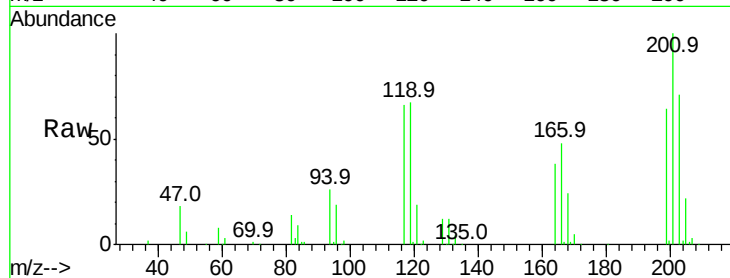
Tot Ion:117 Resp: 81367

Ion Ratio Lower Upper

117 100

119 101.4 76.7 115.1

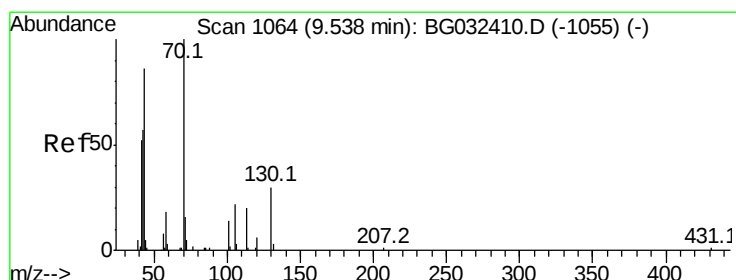
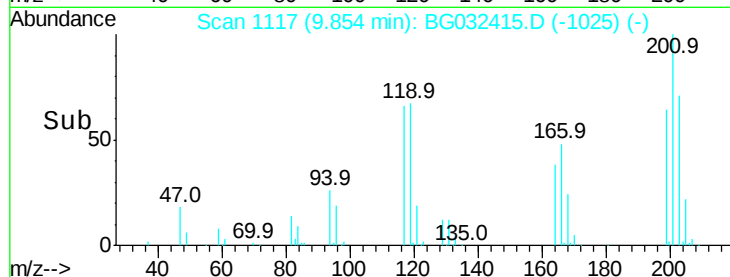
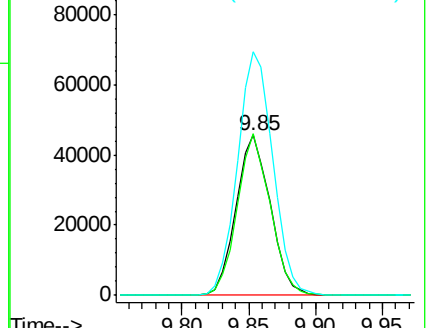
201 152.1 95.7 143.5#



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: 79.246 ng

RT: 9.54 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Tgt Ion: 70 Resp: 93139

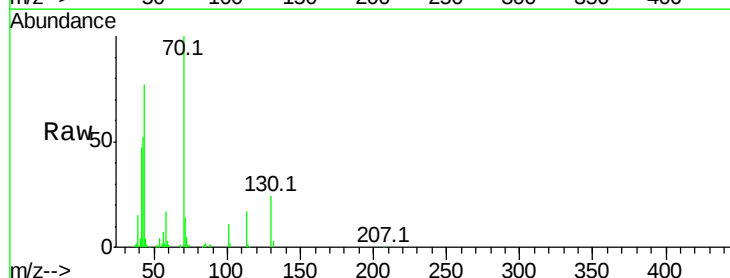
Ion Ratio Lower Upper

70 100

42 52.0 49.1 73.7

101 11.1 8.5 12.7

130 23.9 13.4 20.0#

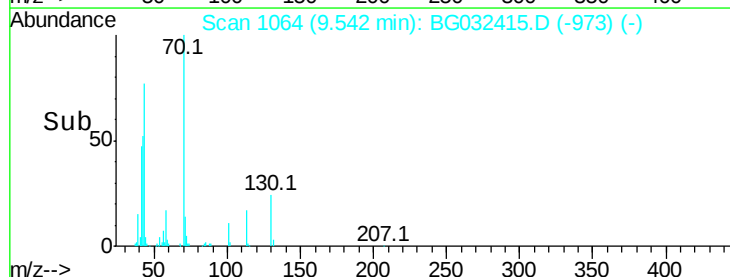
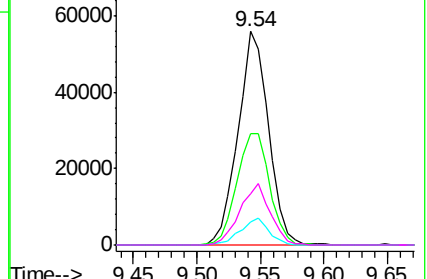


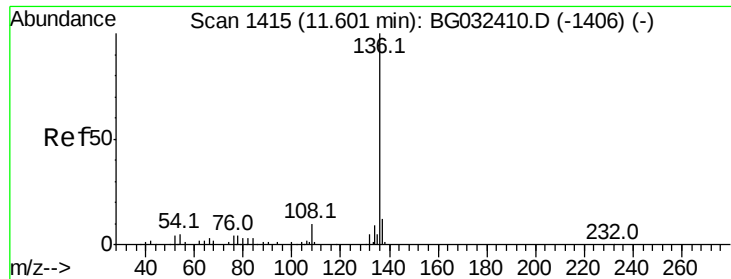
Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 117212

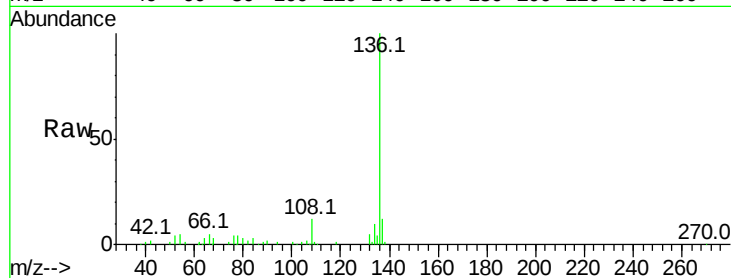
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.8 10.3 15.5#

68 3.1 4.5 6.7#

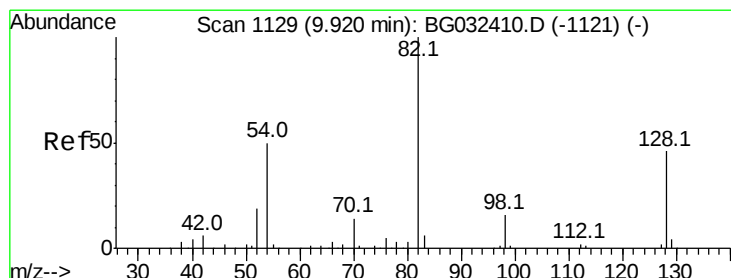
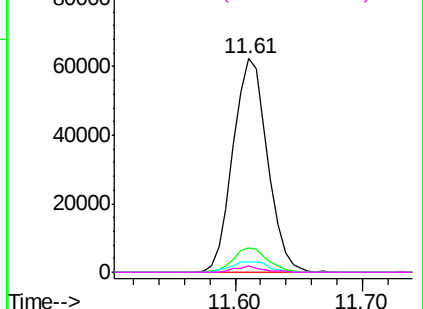
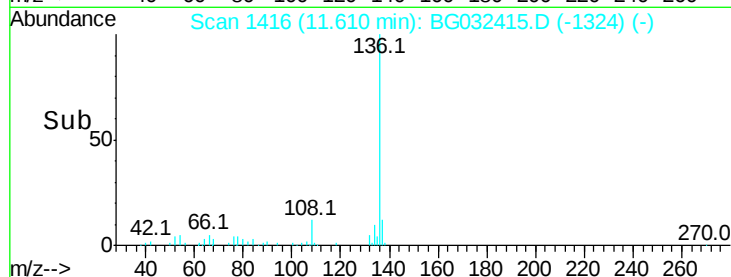


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 98.285 ng

RT: 9.93 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

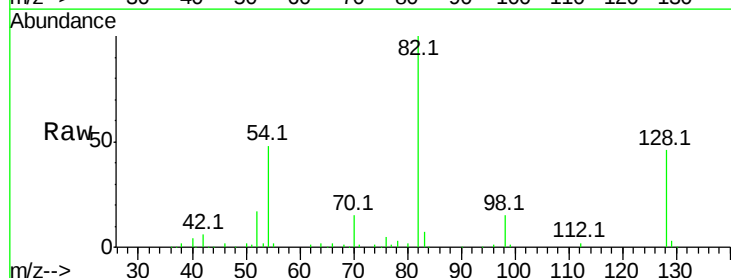
Tgt Ion: 82 Resp: 184440

Ion Ratio Lower Upper

82 100

128 45.9 29.7 44.5#

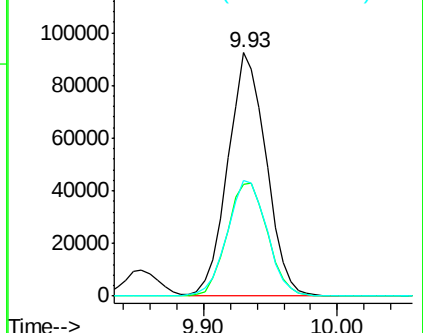
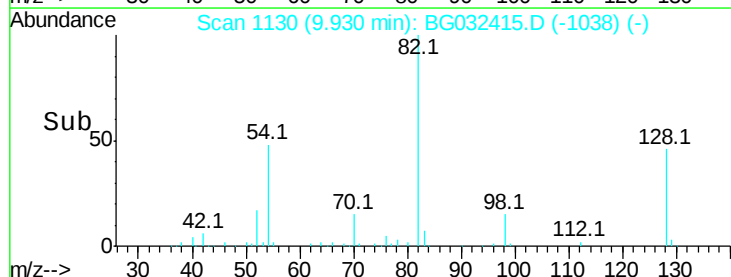
54 47.6 43.1 64.7

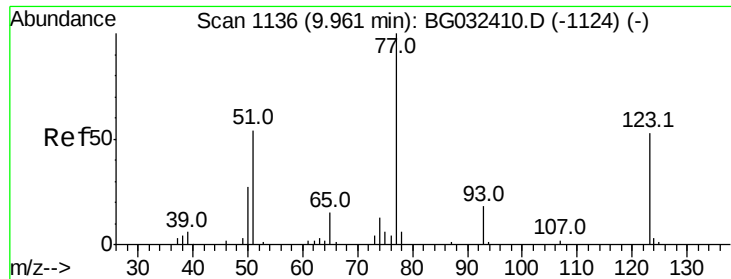


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

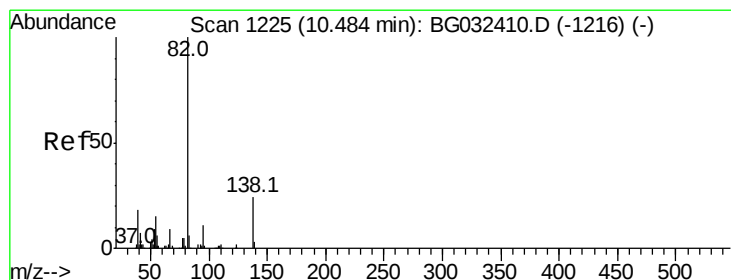
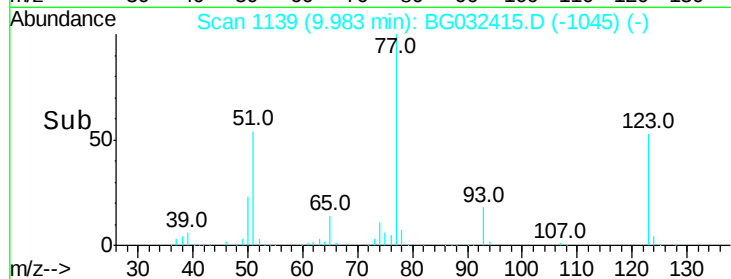
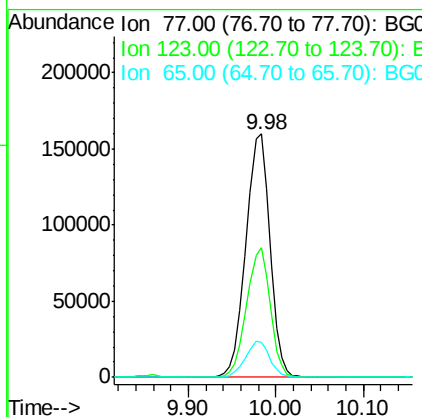
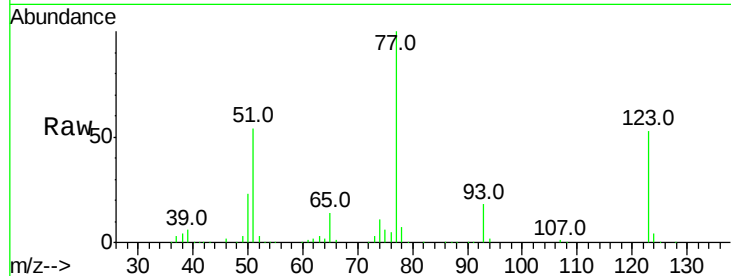




#24
 Nitrobenzene
 Concen: 163.478 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. 0.02 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

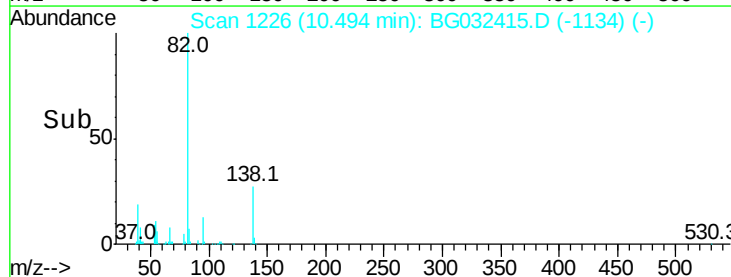
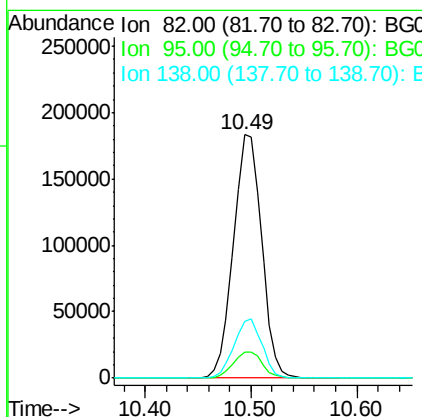
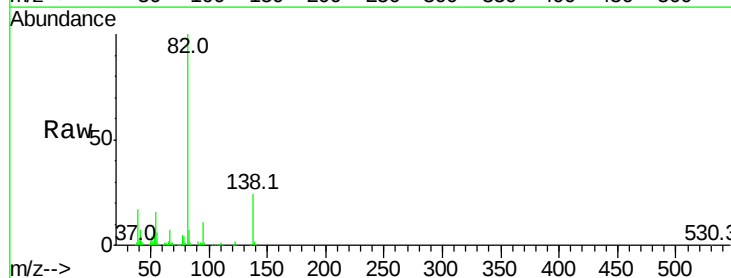
Instrument :
 BNA_G
 ClientSampled :

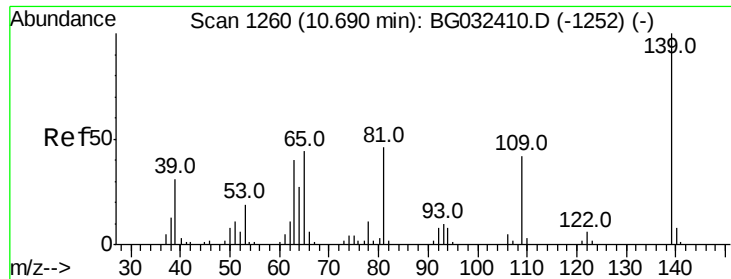
Tot Ion	Ratio	Lower	Upper
77	100		
123	53.1	33.0	49.6#
65	14.2	13.0	19.6



#25
 Isophorone
 Concen: 106.228 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.8	6.2	9.2#
138	23.6	12.1	18.1#

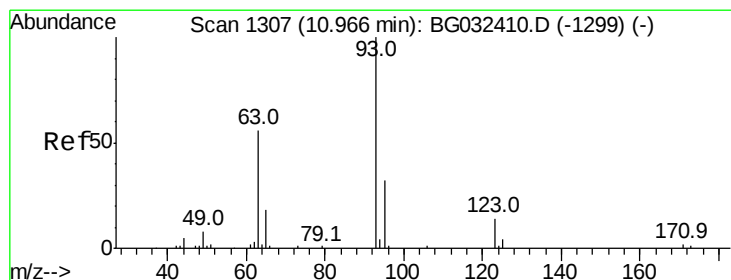
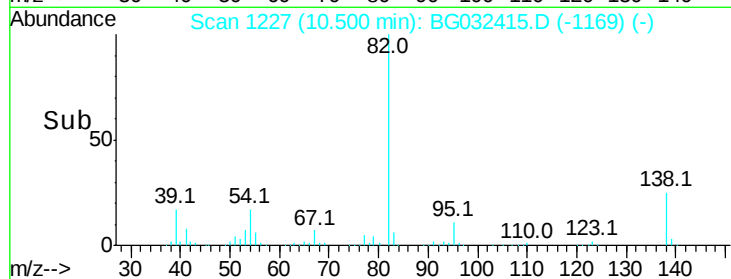
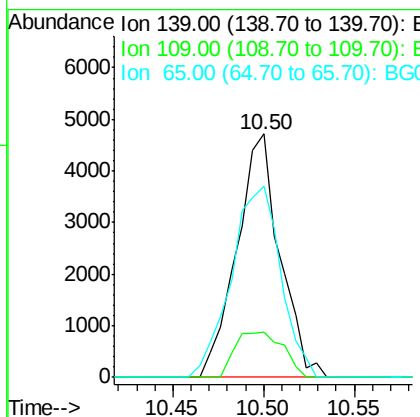
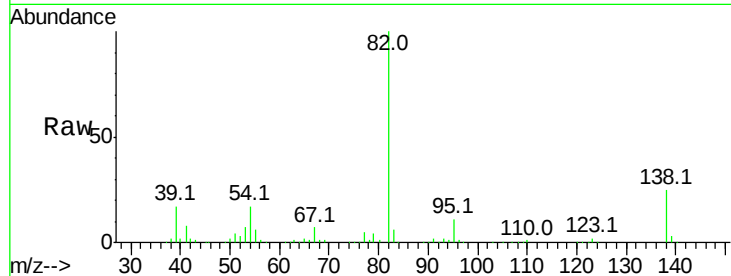




#26
 2-Nitrophenol
 Concen: 7.075 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.19 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

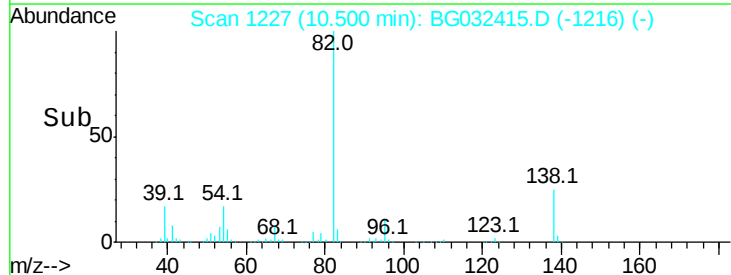
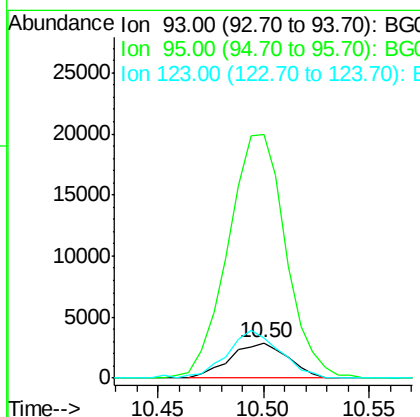
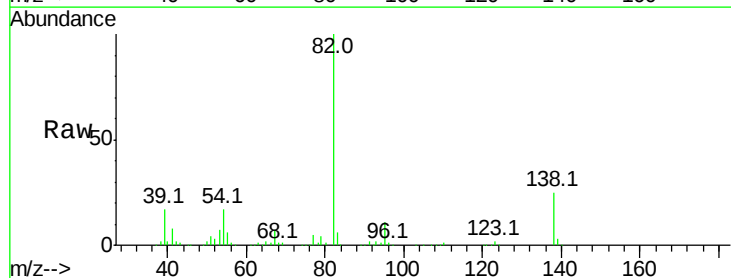
Instrument :
 BNA_G
 ClientSampleId :

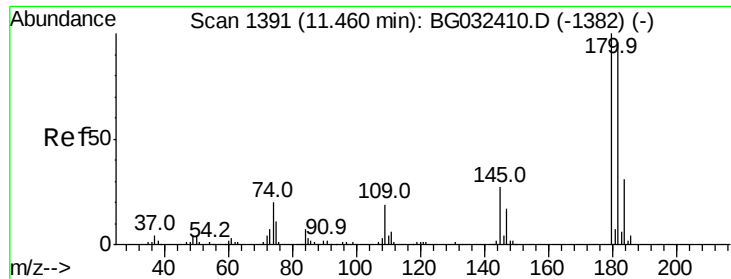
Tot Ion:139 Resp: 7761
 Ion Ratio Lower Upper
 139 100
 109 18.7 24.2 36.2#
 65 78.3 47.4 71.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.135 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.47 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

Tgt Ion: 93 Resp: 5493
 Ion Ratio Lower Upper
 93 100
 95 687.0 24.3 36.5#
 123 114.7 8.4 12.6#

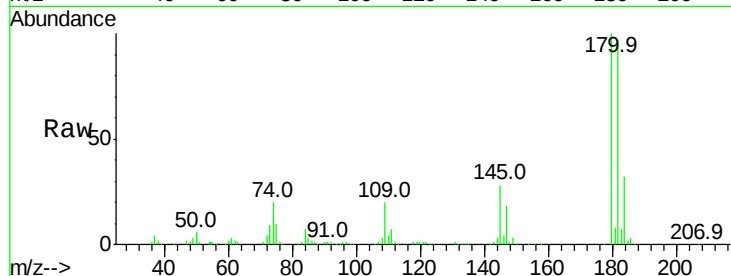




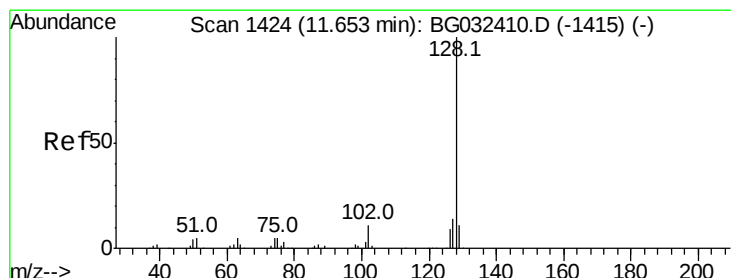
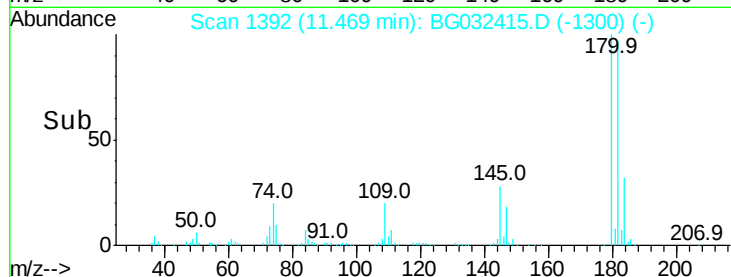
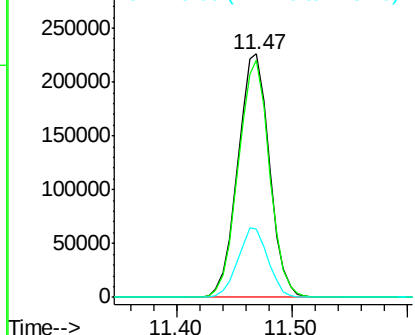
#30
1,2,4-Trichlorobenzene
Concen: 154.104 ng
RT: 11.47 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:180 Resp: 428385
Ion Ratio Lower Upper
180 100
182 97.3 77.5 116.3
145 28.1 23.4 35.2

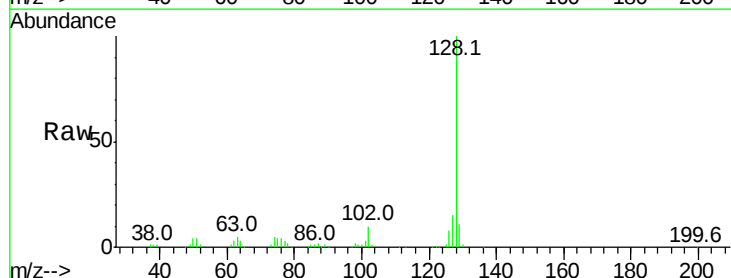


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

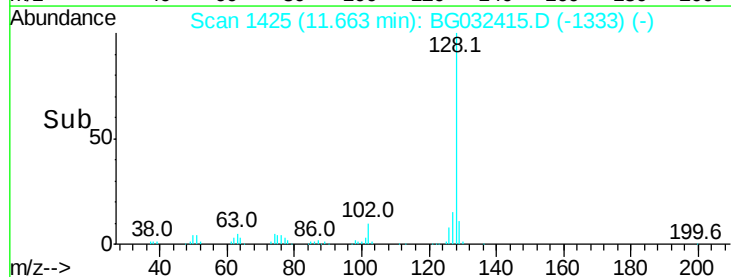
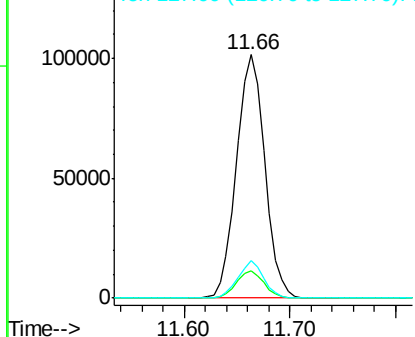


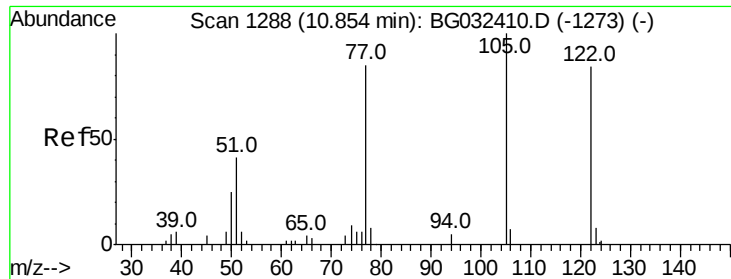
#31
Naphthalene
Concen: 32.947 ng
RT: 11.66 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Tgt Ion:128 Resp: 188615
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 15.3 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

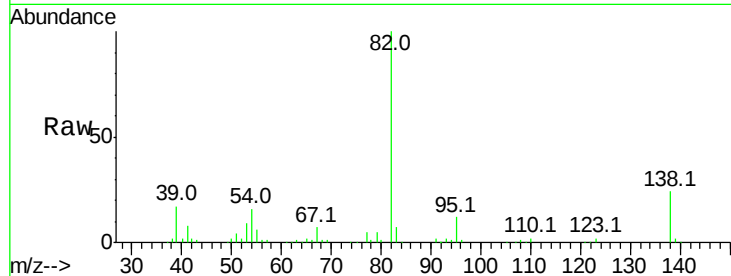




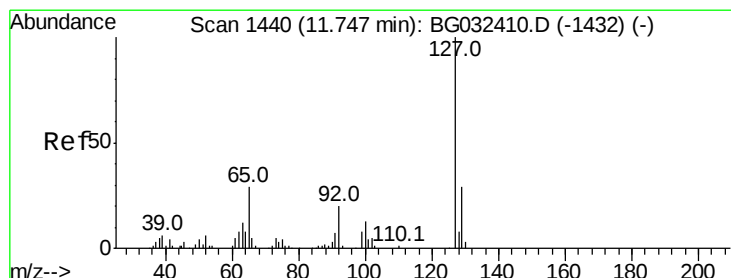
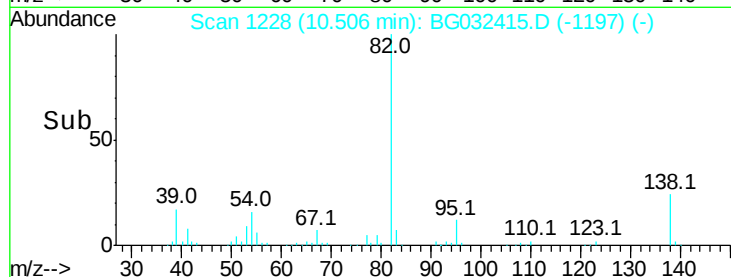
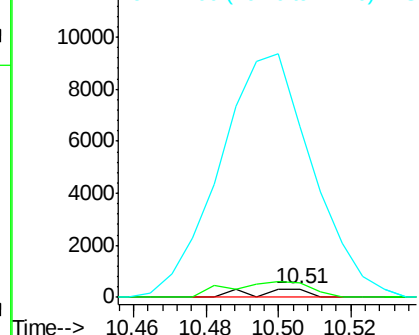
#32
Benzoic acid
Concen: 7.516 ng
RT: 10.51 min Scan# 1228
Delta R.T. -0.35 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 322
Ion Ratio Lower Upper
122 100
105 172.2 123.5 163.5#
77 1999.4 85.7 125.7#



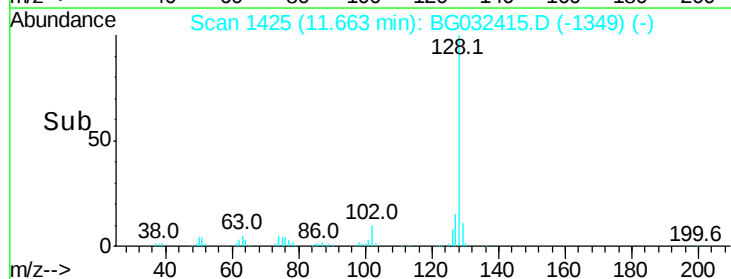
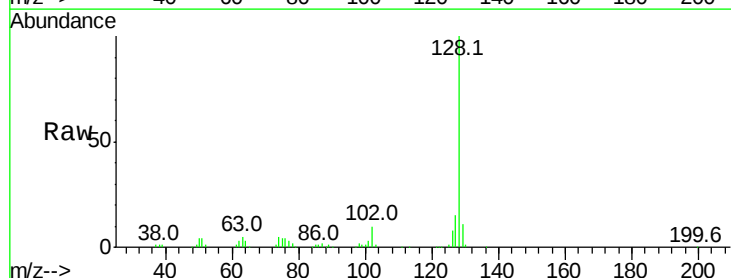
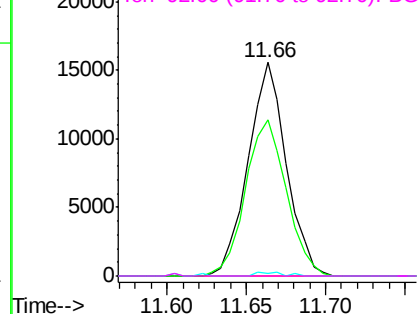
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

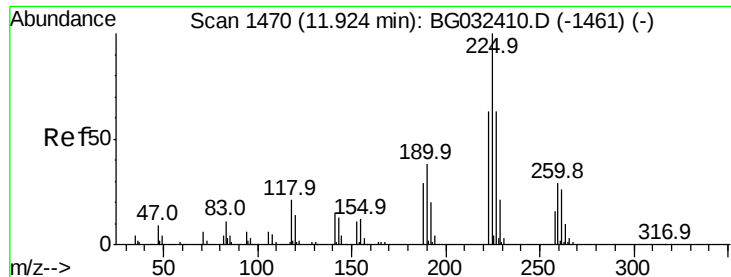


#33
4-Chloroaniline
Concen: 10.215 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.08 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Tgt Ion:127 Resp: 26081
Ion Ratio Lower Upper
127 100
129 73.1 24.0 36.0#
65 1.3 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

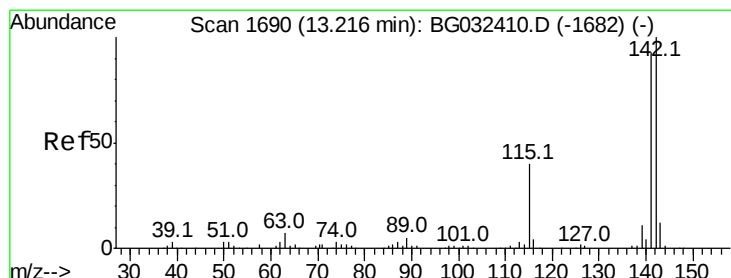
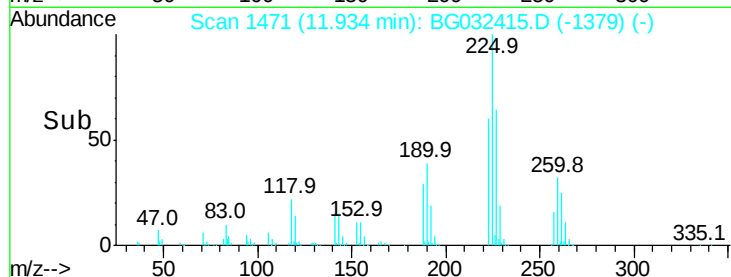
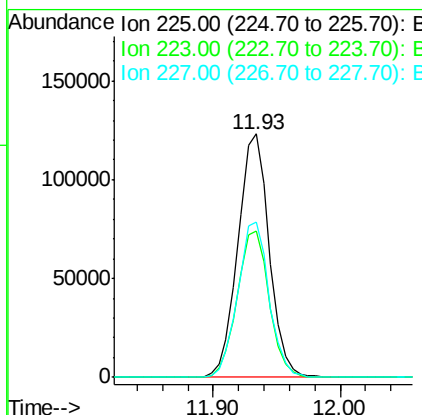
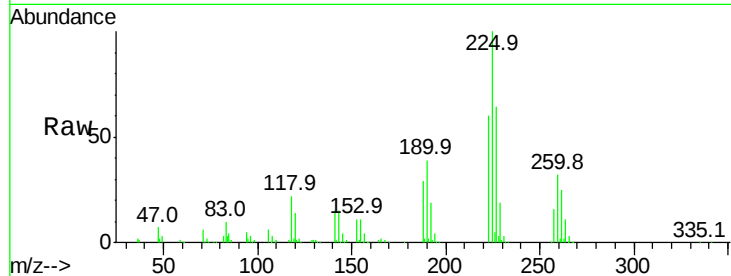




#34
Hexachlorobutadiene
Concen: 97.112 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

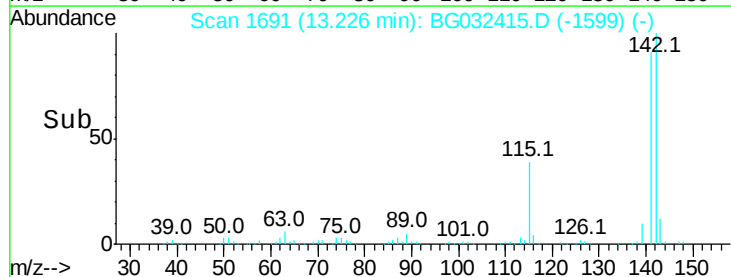
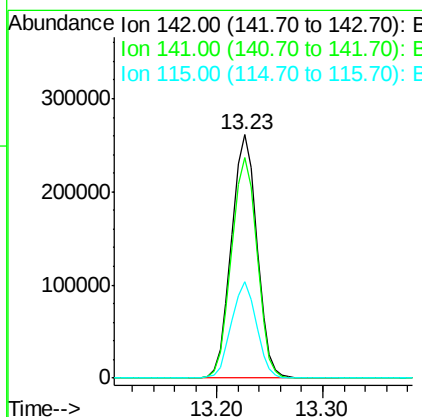
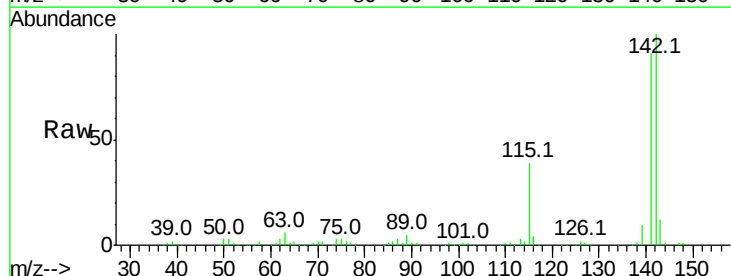
Instrument :
BNA_G
ClientSampleId :

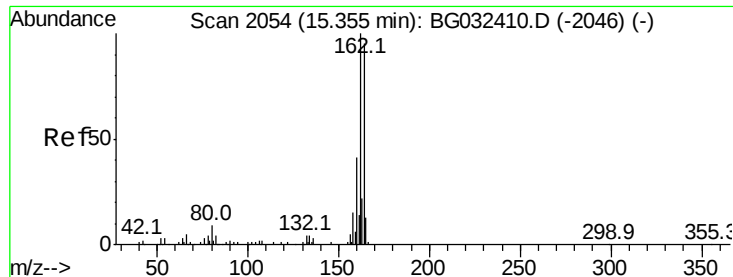
Tot Ion:225 Resp: 210033
Ion Ratio Lower Upper
225 100
223 60.1 49.7 74.5
227 63.8 48.1 72.1



#37
2-Methylnaphthalene
Concen: 90.664 ng
RT: 13.23 min Scan# 1691
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Tgt Ion:142 Resp: 436043
Ion Ratio Lower Upper
142 100
141 90.6 67.1 100.7
115 39.4 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

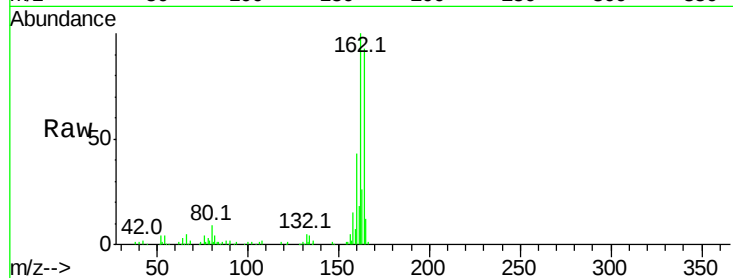
Tot Ion:164 Resp: 89053

Ion	Ratio	Lower	Upper
164	100		
162	107.4	78.8	118.2
160	46.7	35.4	53.0

164 100

162 107.4 78.8 118.2

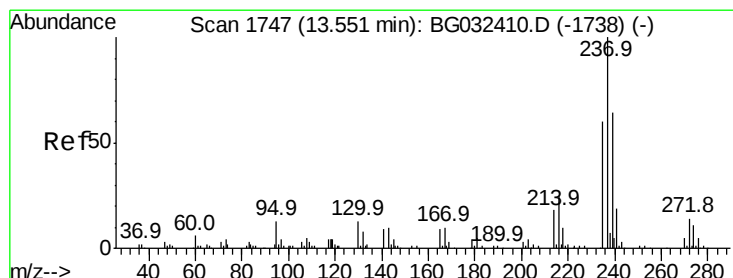
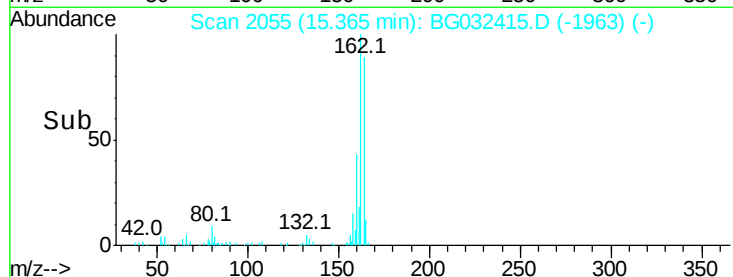
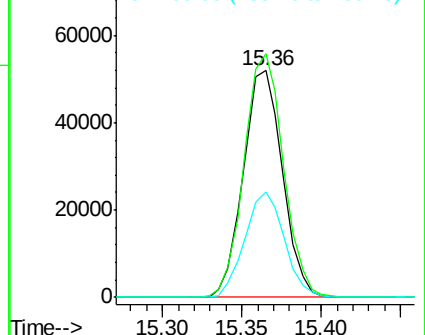
160 46.7 35.4 53.0



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: 65.676 ng

RT: 13.56 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

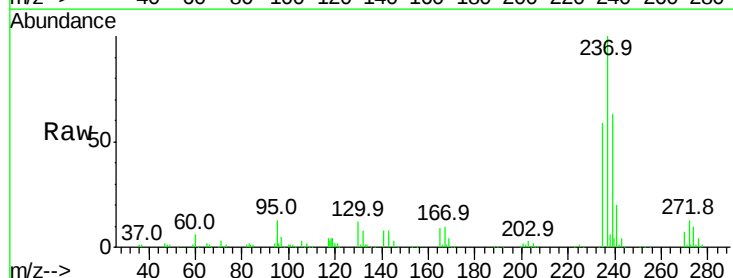
Tgt Ion:237 Resp: 170959

Ion	Ratio	Lower	Upper
237	100		
235	59.3	50.4	90.4
272	13.1	0.0	31.8

237 100

235 59.3 50.4 90.4

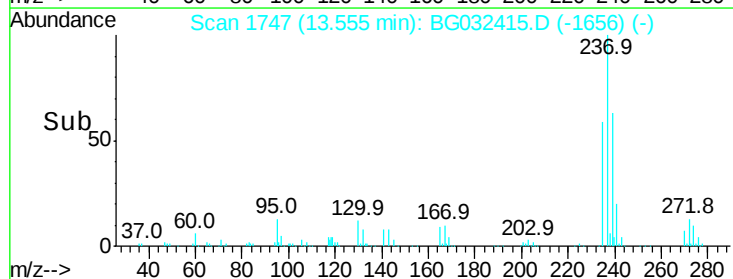
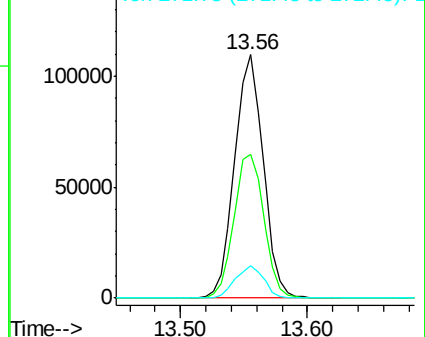
272 13.1 0.0 31.8

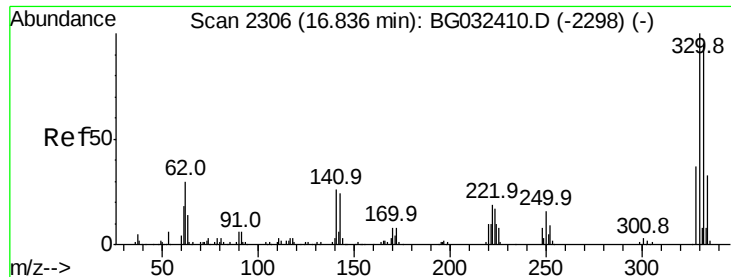


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

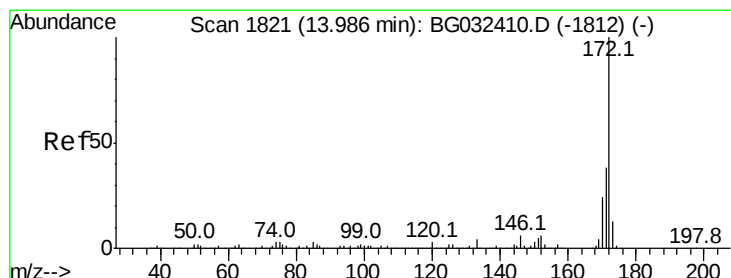
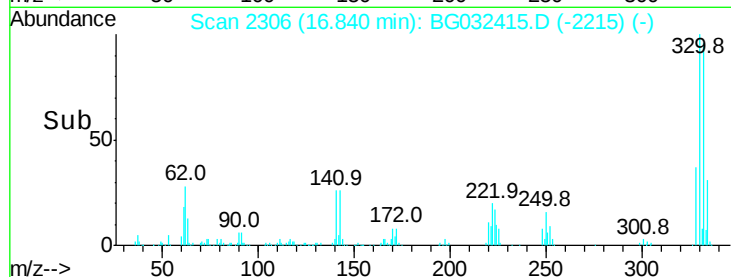
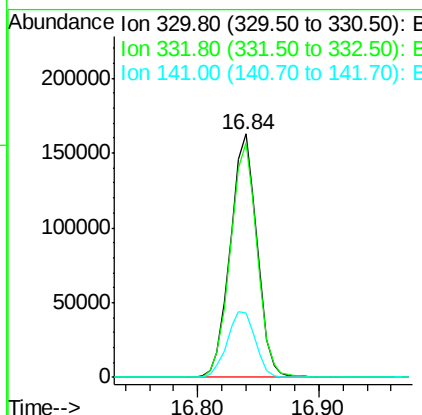
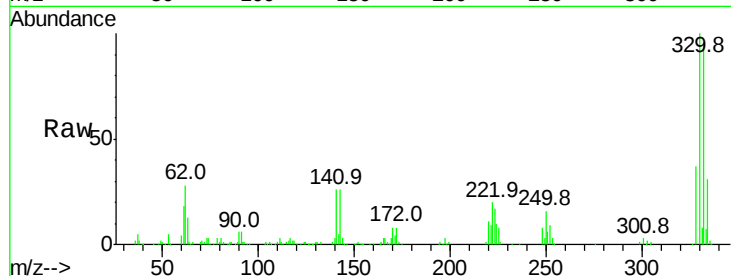




#41
 2,4,6-Tribromophenol
 Concen: 148.582 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

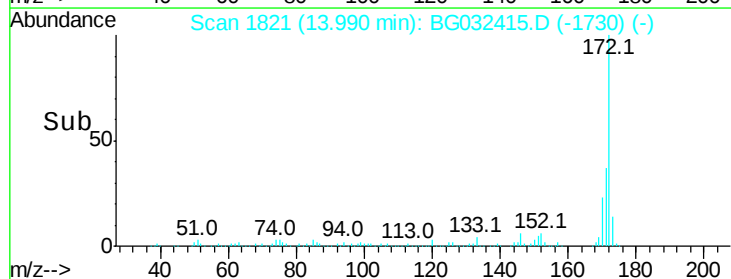
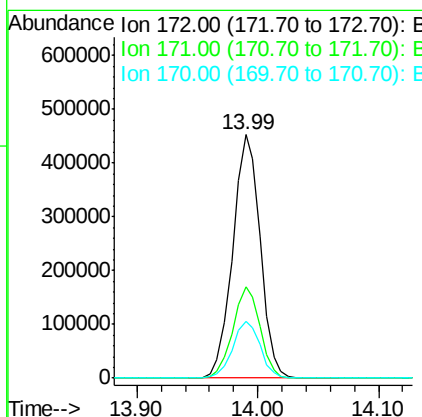
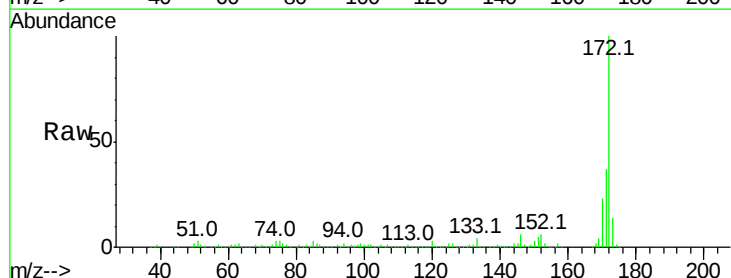
Instrument :
 BNA_G
 ClientSampleId :

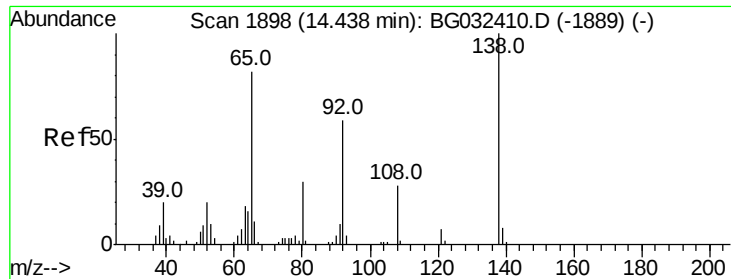
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 95.548 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.2	19.5	29.3

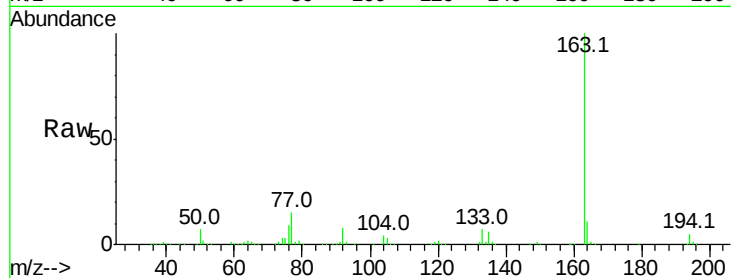




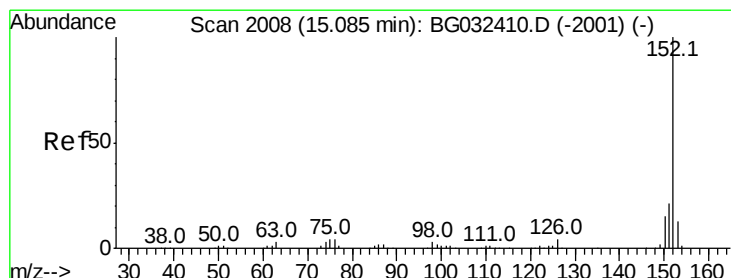
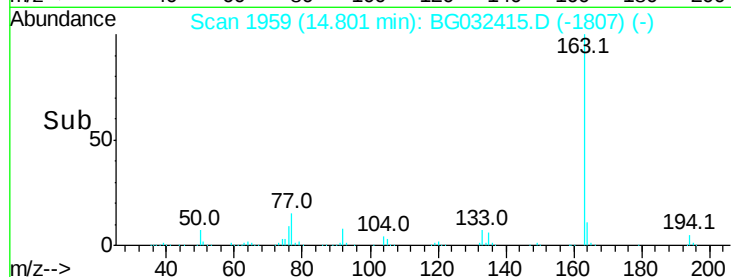
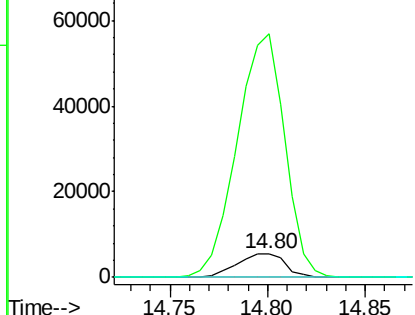
#47
2-Nitroaniline
Concen: 7.221 ng
RT: 14.80 min Scan# 1959
Delta R.T. 0.36 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 9417
Ion Ratio Lower Upper
65 100
92 1036.2 54.6 82.0#
138 0.0 72.9 109.3#

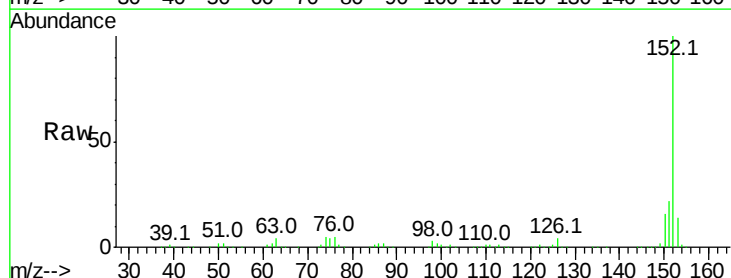


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

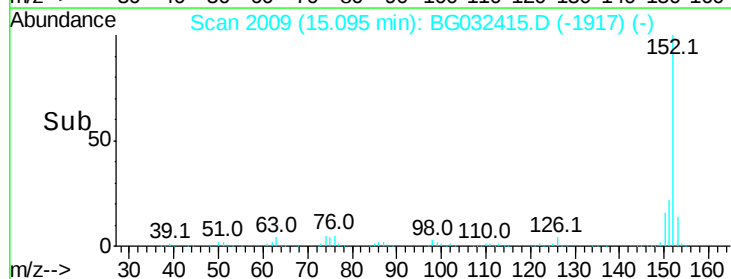
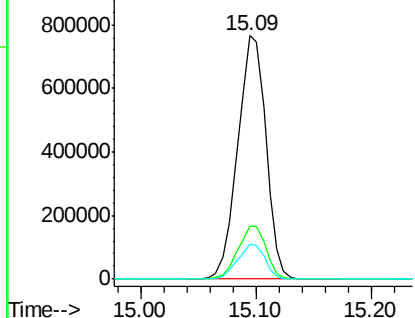


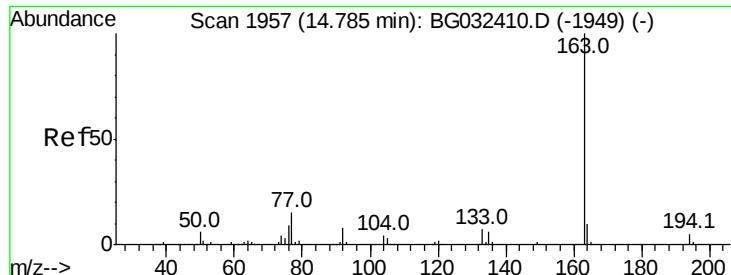
#48
Acenaphthylene
Concen: 145.341 ng
RT: 15.09 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Tgt Ion: 152 Resp: 1295671
Ion Ratio Lower Upper
152 100
151 21.6 17.2 25.8
153 14.2 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: 138.437 ng

RT: 14.80 min Scan# 1959

Delta R.T. 0.02 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampled :

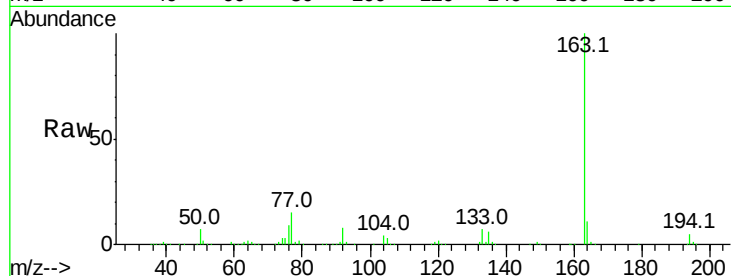
Tot Ion:163 Resp: 1136718

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

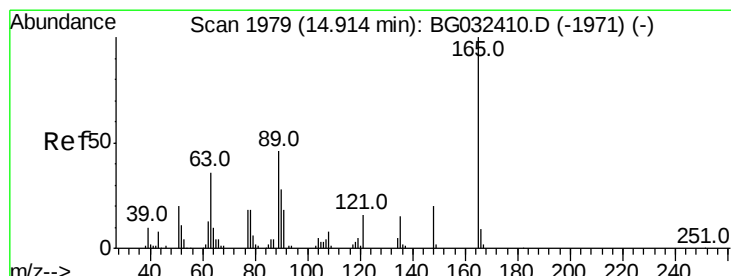
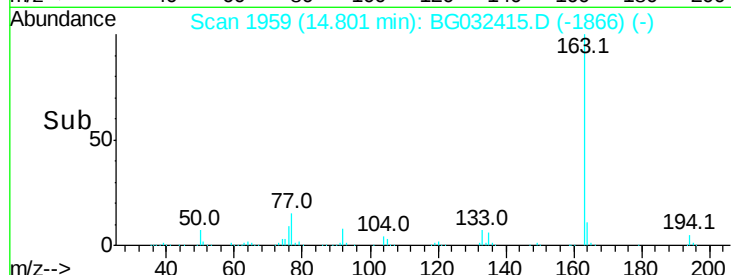
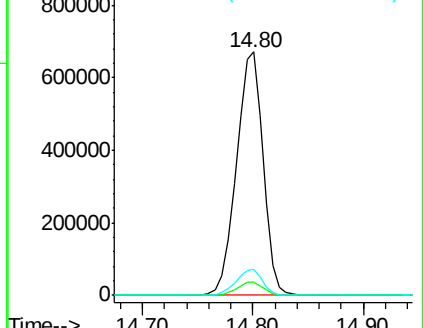
164 10.8 8.2 12.4



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: 94.601 ng

RT: 14.93 min Scan# 1981

Delta R.T. 0.02 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

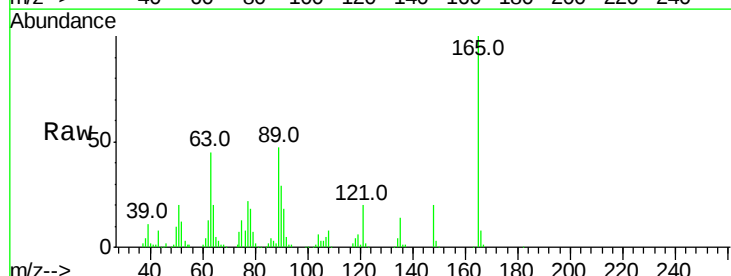
Tgt Ion:165 Resp: 163037

Ion Ratio Lower Upper

165 100

63 44.7 52.7 79.1#

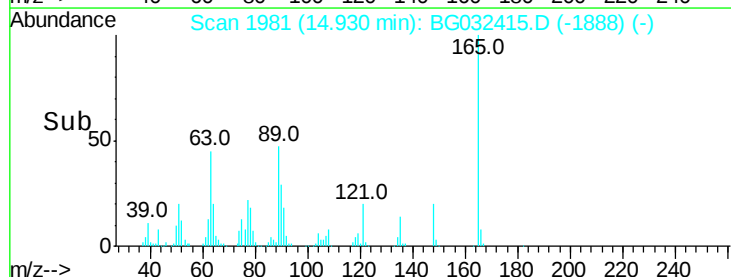
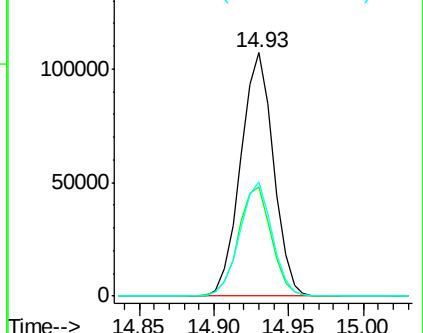
89 46.9 49.2 73.8#

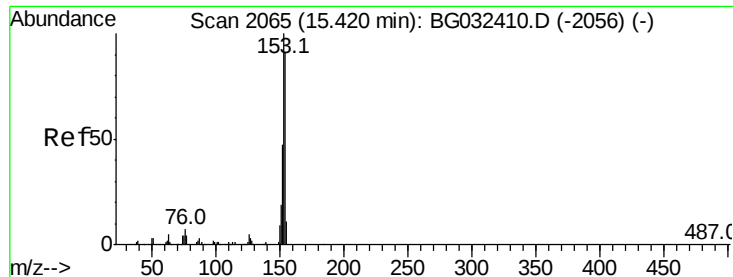


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 76.757 ng

RT: 15.43 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

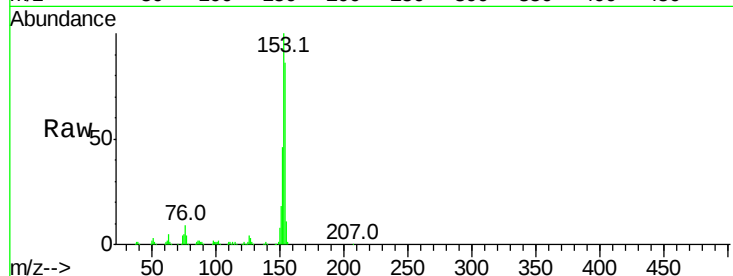
Tot Ion:154 Resp: 474554

Ion Ratio Lower Upper

154 100

153 115.9 90.4 135.6

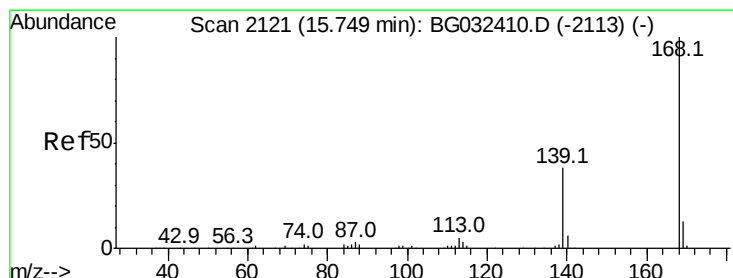
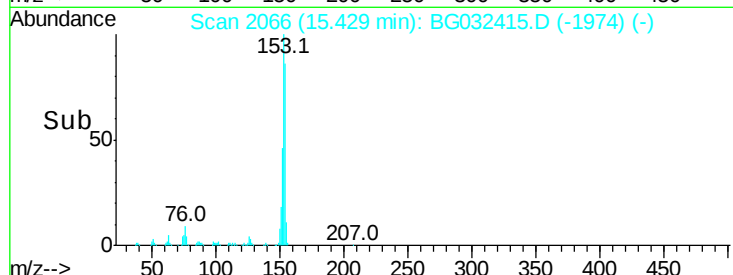
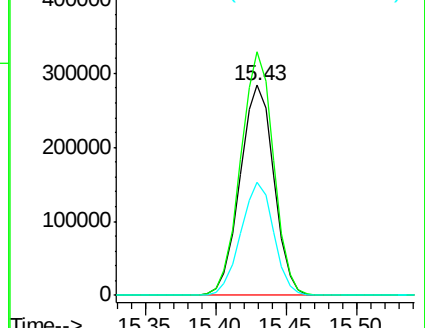
152 53.8 41.6 62.4



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



#54

Dibenzofuran

Concen: 63.426 ng

RT: 15.76 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

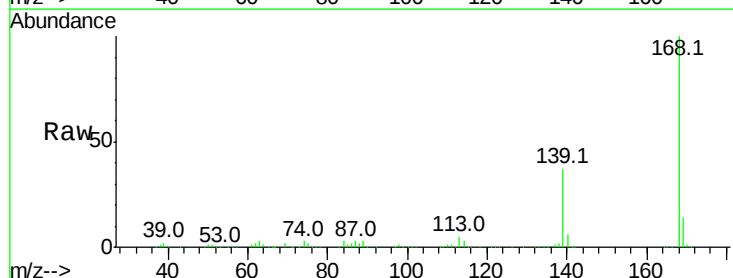
Tgt Ion:168 Resp: 580396

Ion Ratio Lower Upper

168 100

139 37.1 28.6 43.0

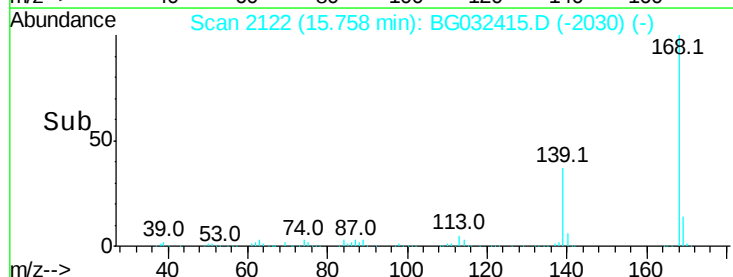
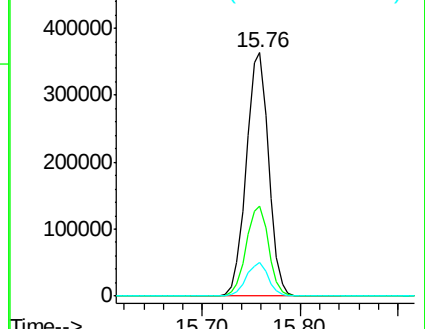
169 13.7 11.2 16.8

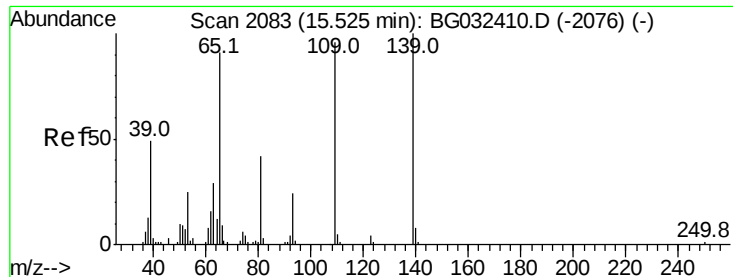


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

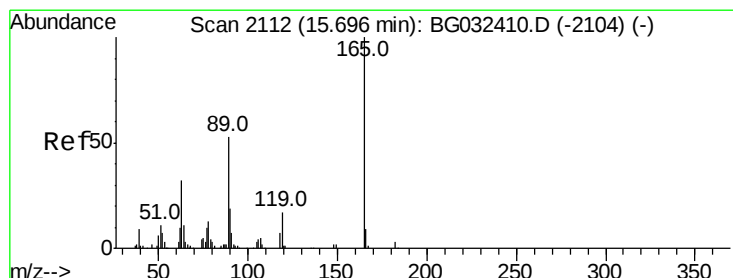
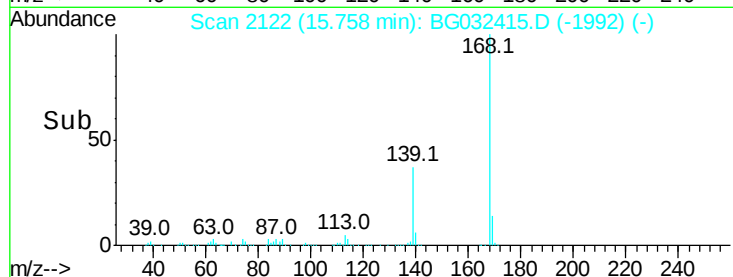
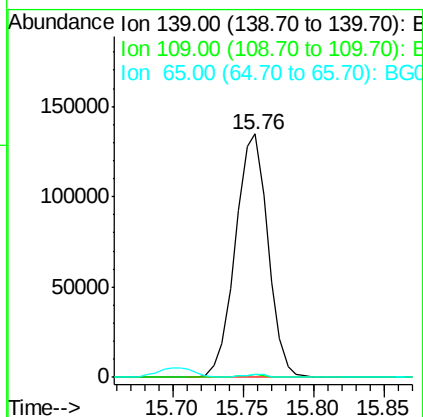
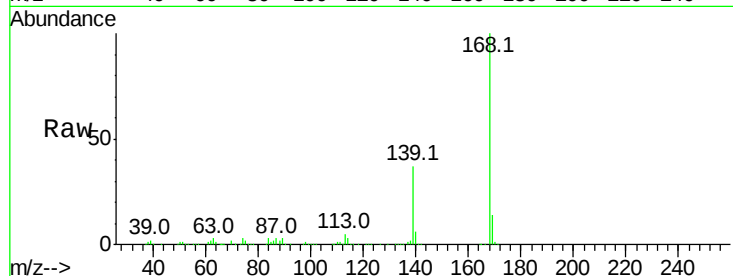




#55
4-Nitrophenol
Concen: 192.216 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.23 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

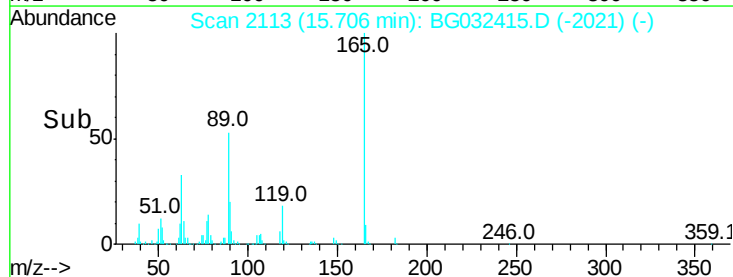
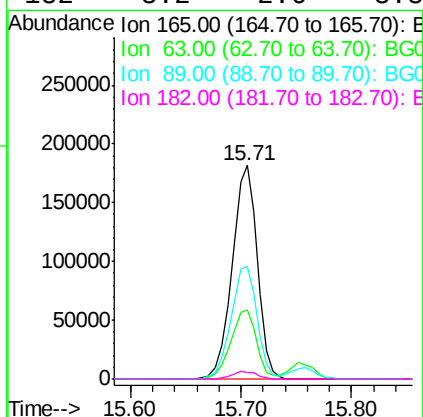
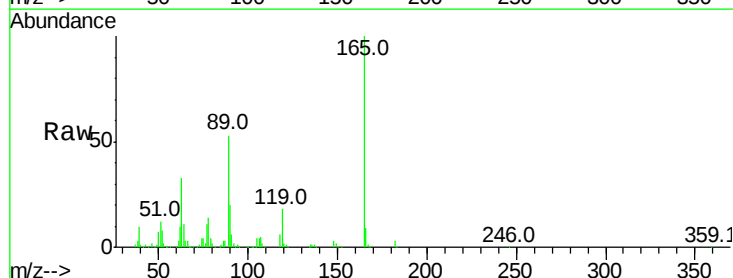
Instrument :
BNA_G
ClientSampleId :

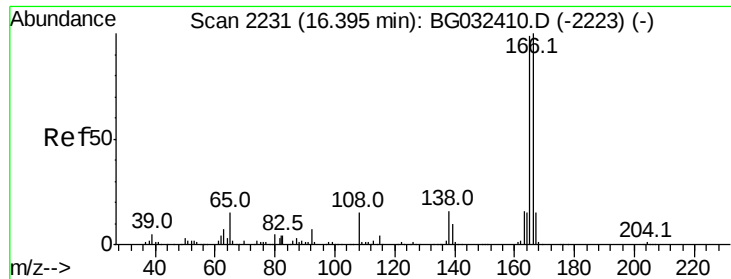
Tot Ion:139 Resp: 216622
Ion Ratio Lower Upper
139 100
109 1.0 62.2 102.2#
65 1.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 117.790 ng
RT: 15.71 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Tgt Ion:165 Resp: 289033
Ion Ratio Lower Upper
165 100
63 32.6 42.0 63.0#
89 53.0 66.9 100.3#
182 3.2 2.6 3.8

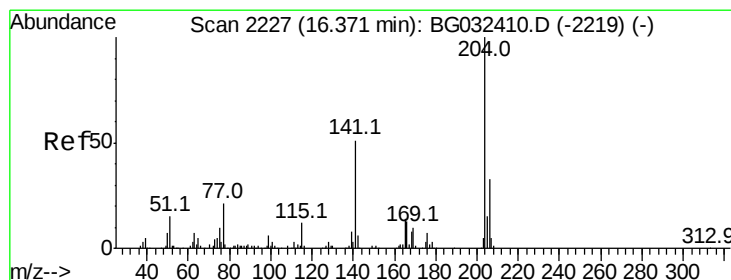
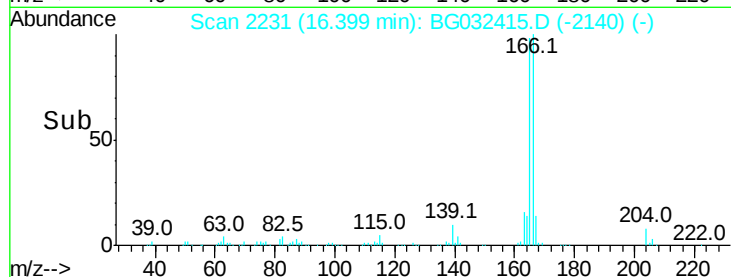
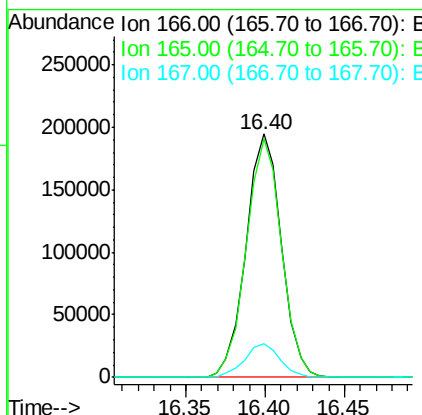
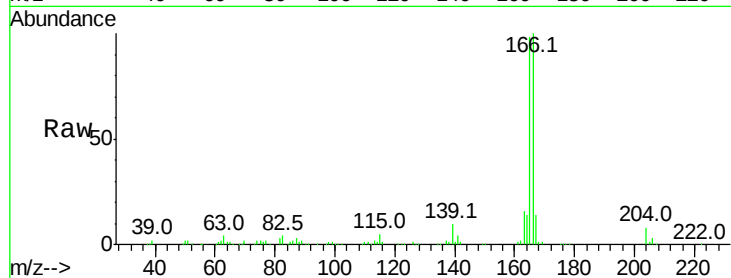




#57
Fluorene
 Concen: 39.563 ng
 RT: 16.40 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

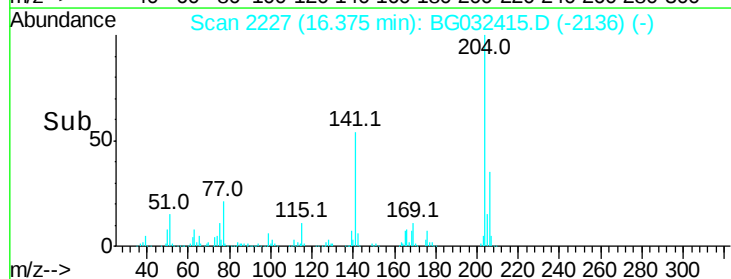
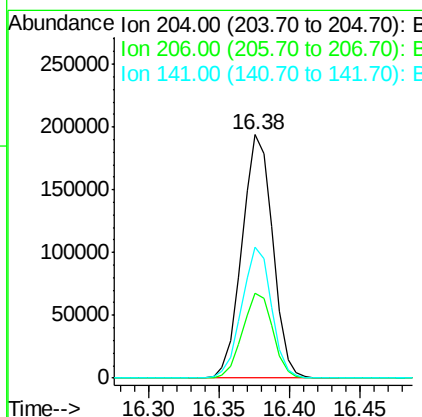
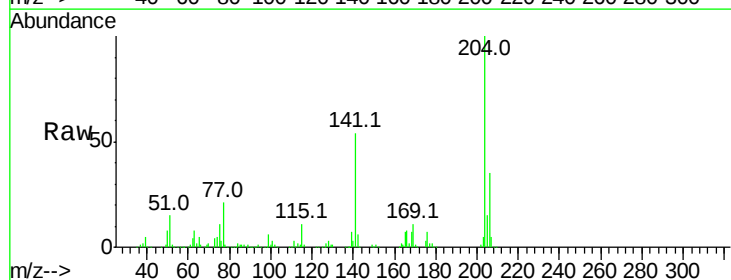
Instrument :
 BNA_G
 ClientSampleId :

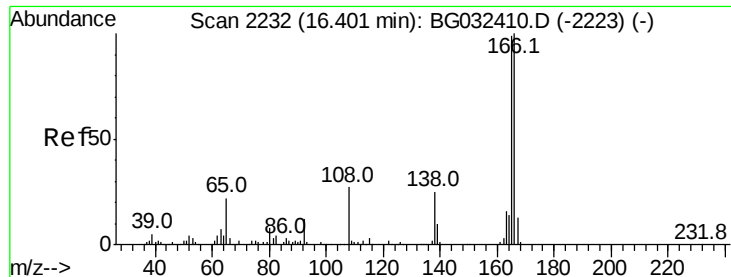
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.6	121.0
167	13.6	10.4	15.6



#60
4-Chlorophenyl-phenylether
 Concen: 61.601 ng
 RT: 16.38 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	26.2	39.2
141	53.6	45.8	68.6





#61

4-Nitroaniline

Concen: 2.988 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

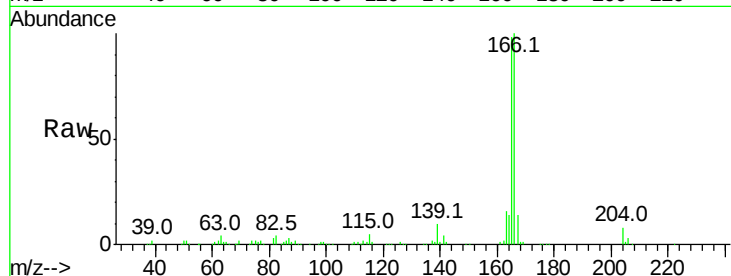
Tot Ion:138 Resp: 4821

Ion Ratio Lower Upper

138 100

92 0.0 40.1 80.1#

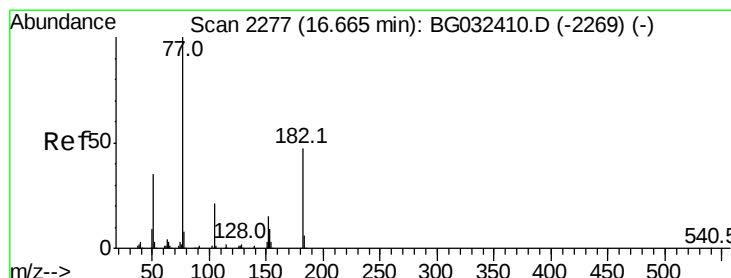
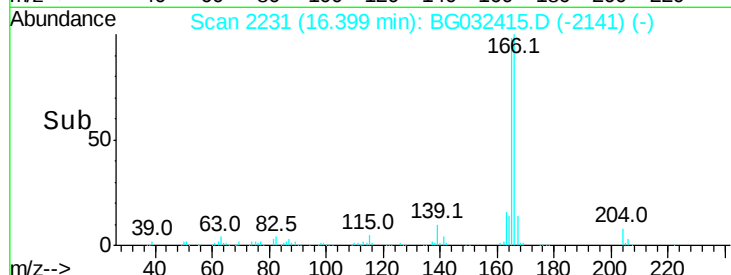
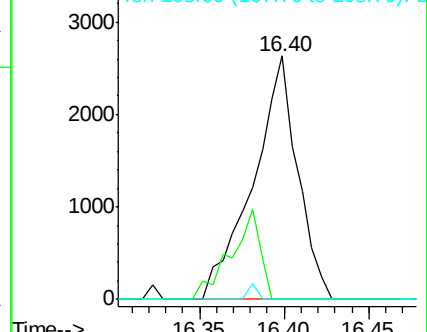
108 0.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 13.253 ng

RT: 16.38 min Scan# 2227

Delta R.T. -0.29 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Tgt Ion: 77 Resp: 63337

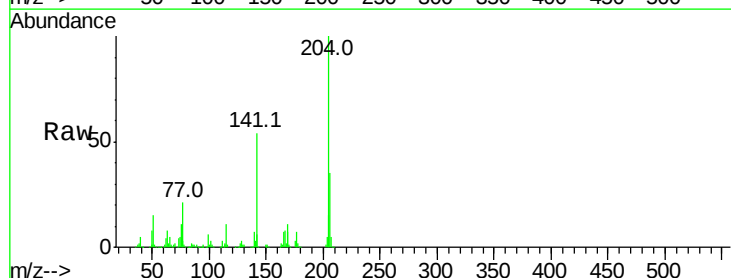
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 72.0 11.6 51.6#

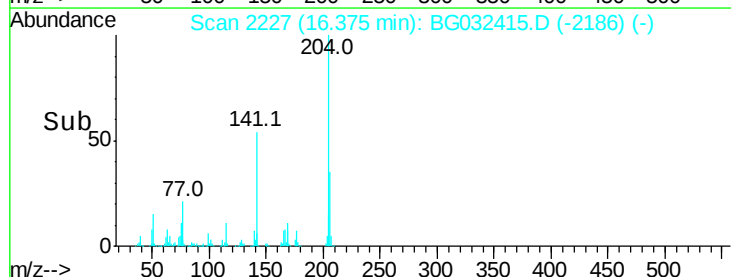
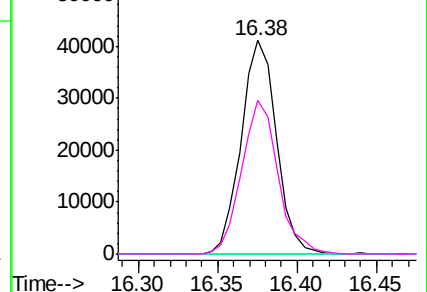


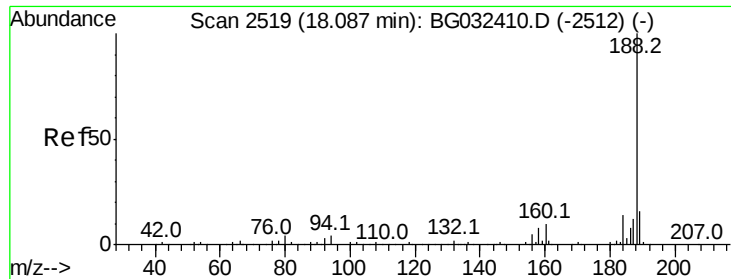
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.10 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

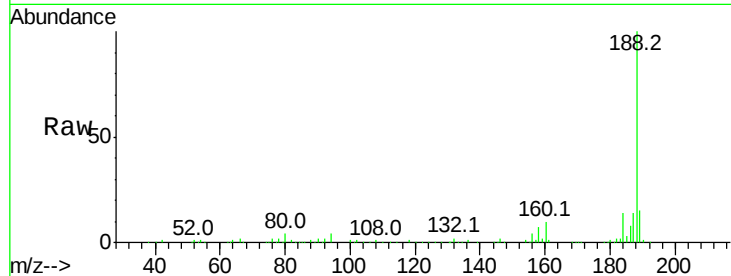
Tot Ion:188 Resp: 238214

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

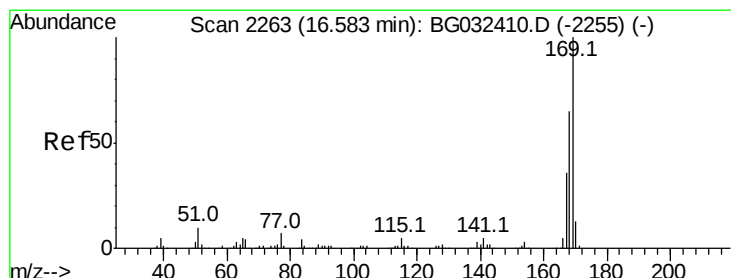
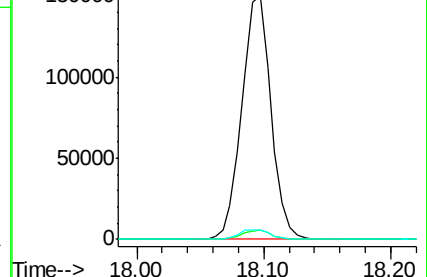
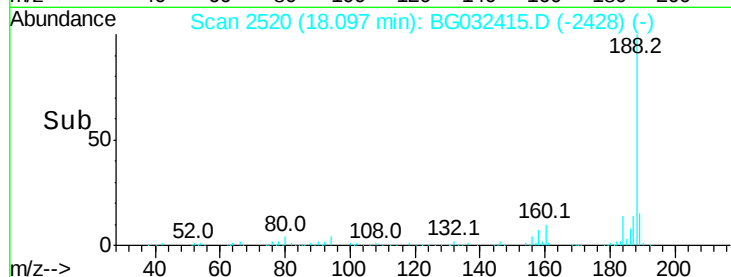
80 3.9 7.7 11.5#



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



#65

n-Nitrosodiphenylamine

Concen: 4.486 ng

RT: 16.38 min Scan# 2227

Delta R.T. -0.21 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

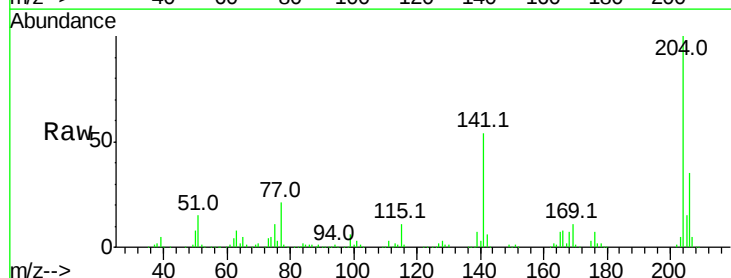
Tgt Ion:169 Resp: 31888

Ion Ratio Lower Upper

169 100

168 68.1 55.7 83.5

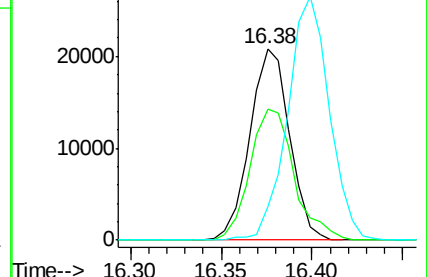
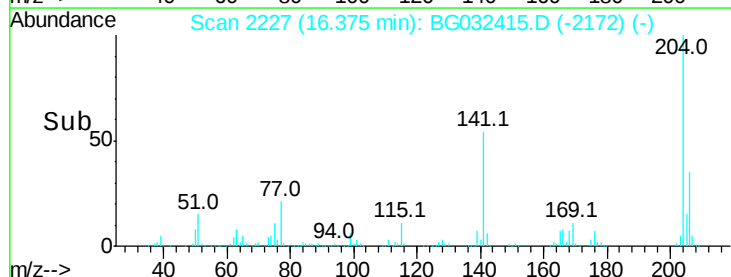
167 17.5 30.1 45.1#

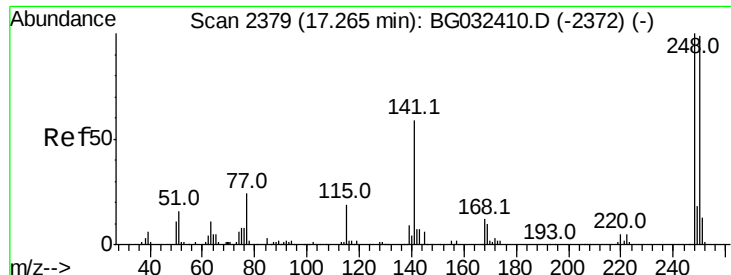


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

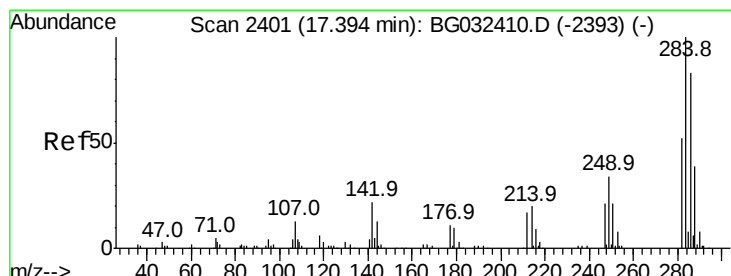
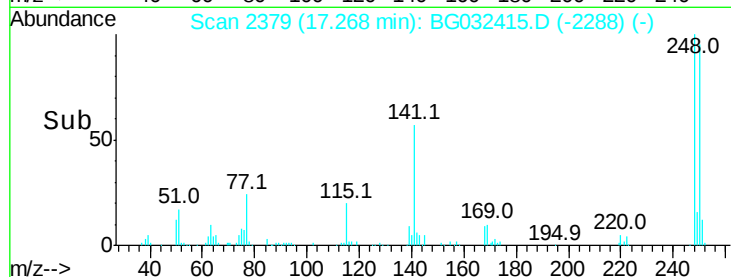
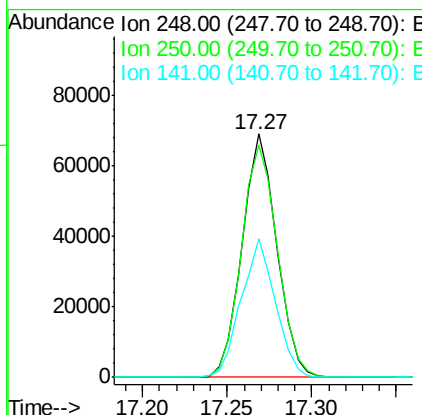
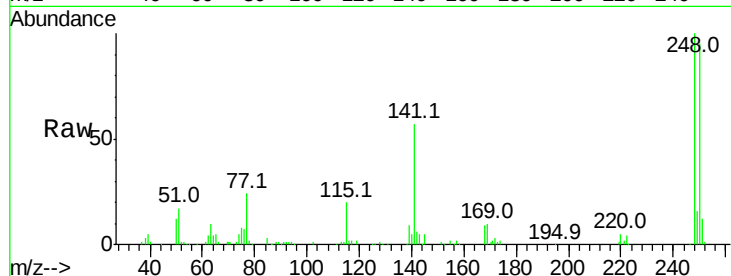




#66
 4-Bromophenyl-phenylether
 Concen: 27.880 ng
 RT: 17.27 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

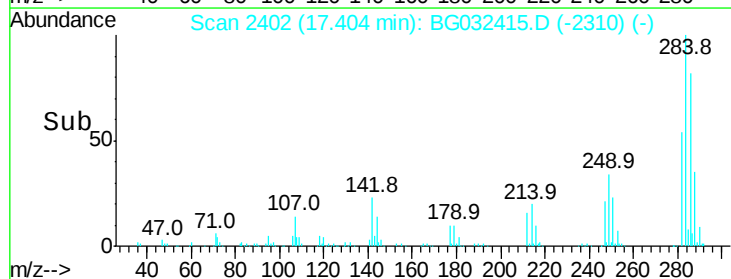
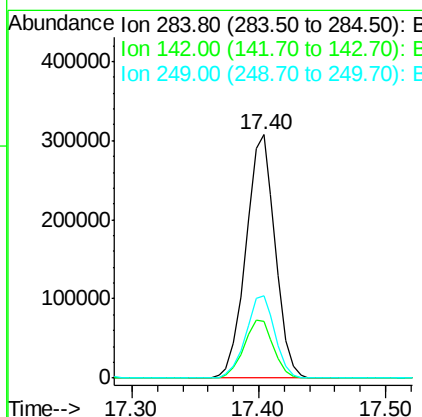
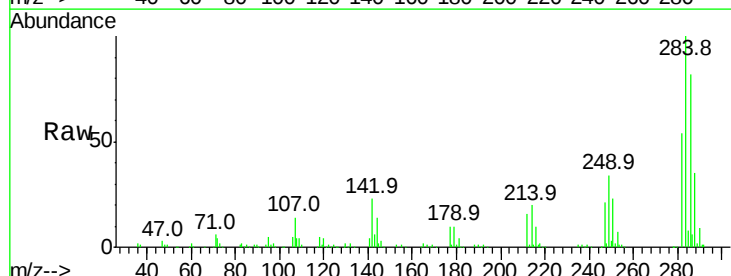
Instrument :
 BNA_G
 ClientSampled :

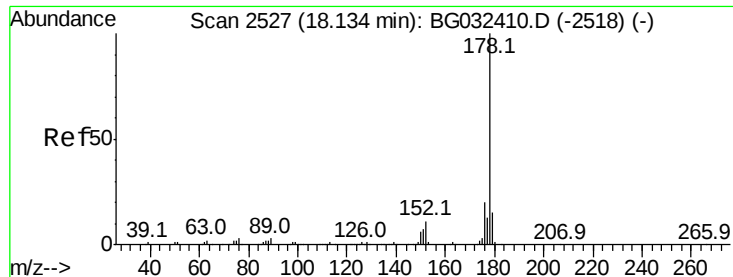
Tot Ion:248 Resp: 98391
 Ion Ratio Lower Upper
 248 100
 250 95.1 77.1 115.7
 141 57.0 50.8 76.2



#67
 Hexachlorobenzene
 Concen: 125.575 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

Tgt Ion:284 Resp: 490431
 Ion Ratio Lower Upper
 284 100
 142 23.2 26.8 40.2#
 249 33.7 26.3 39.5





#70

Phenanthrene

Concen: 60.949 ng

RT: 18.14 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

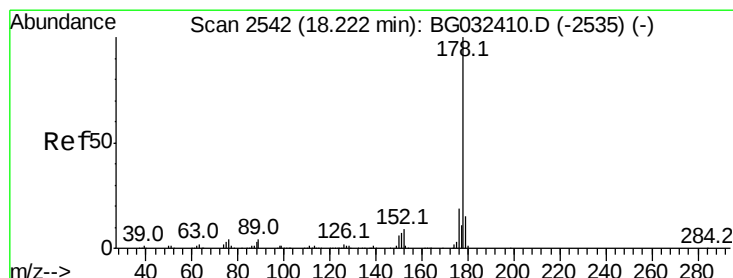
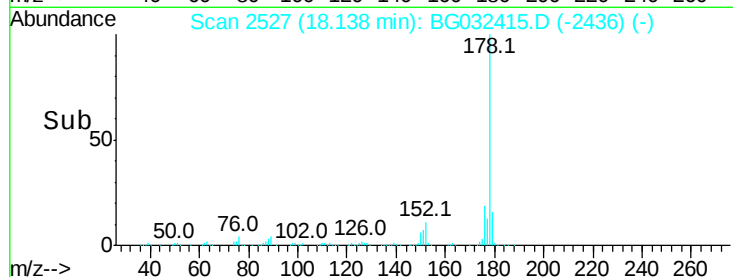
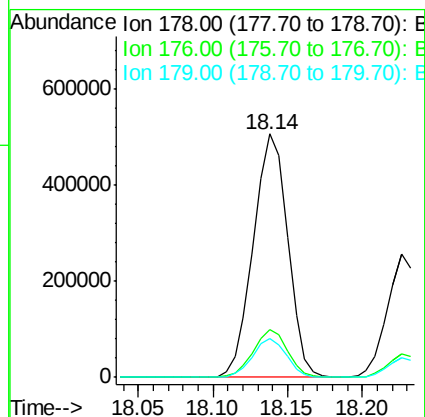
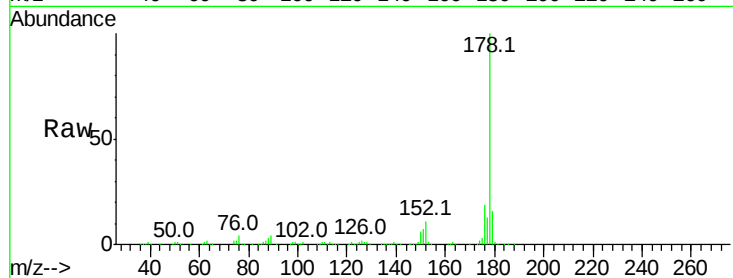
Tot Ion:178 Resp: 809673

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.9 12.5 18.7



#71

Anthracene

Concen: 29.437 ng

RT: 18.23 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

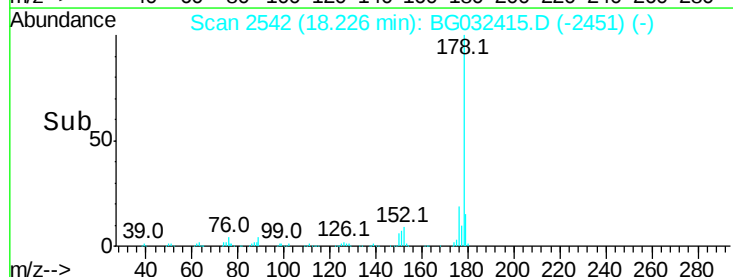
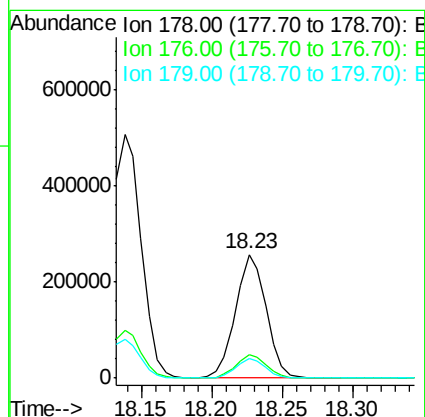
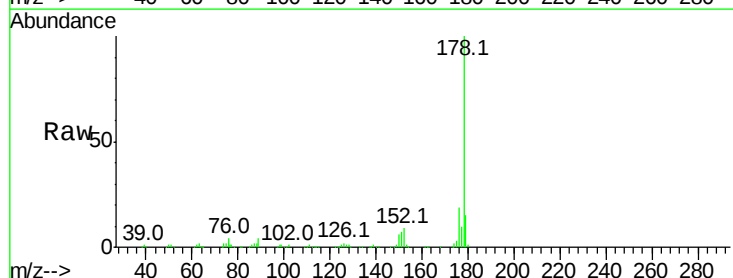
Tgt Ion:178 Resp: 389380

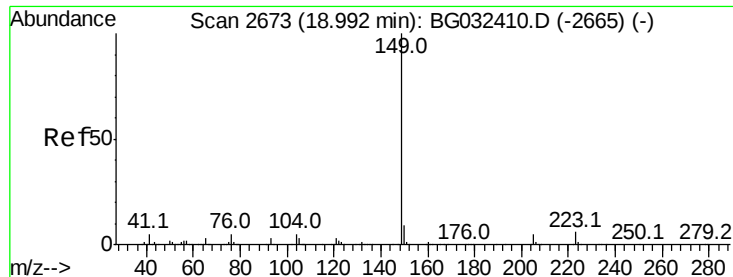
Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

179 15.4 12.5 18.7





#73

Di-n-butylphthalate

Concen: 138.350 ng

RT: 19.00 min Scan# 2674

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

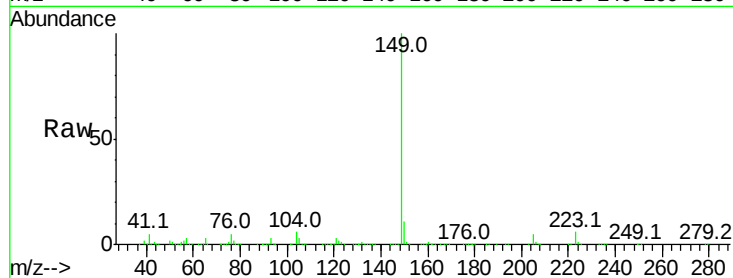
Tot Ion:149 Resp: 1790214

Ion Ratio Lower Upper

149 100

150 10.9 7.8 11.6

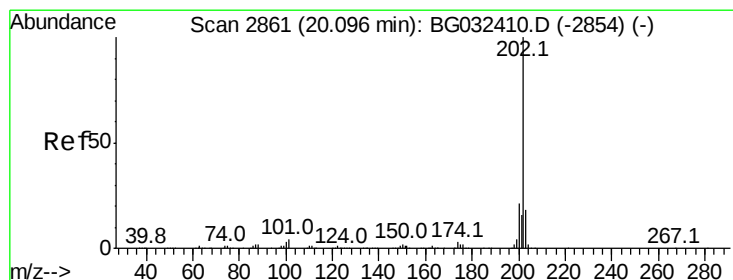
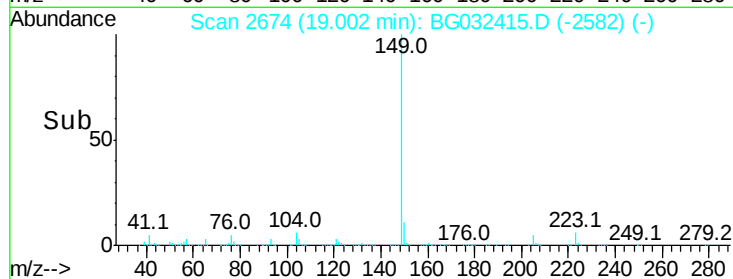
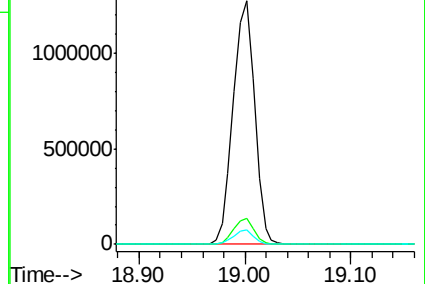
104 5.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 140.170 ng

RT: 20.11 min Scan# 2863

Delta R.T. 0.02 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

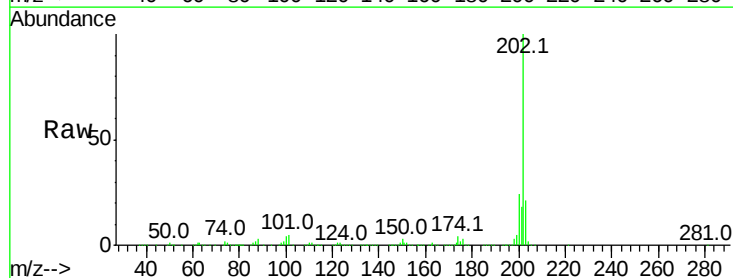
Tgt Ion:202 Resp: 2441986

Ion Ratio Lower Upper

202 100

101 5.3 0.0 28.9

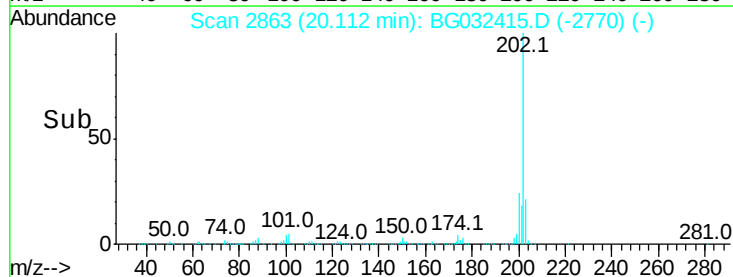
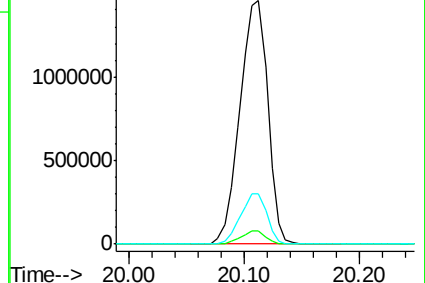
203 20.6 0.0 37.5

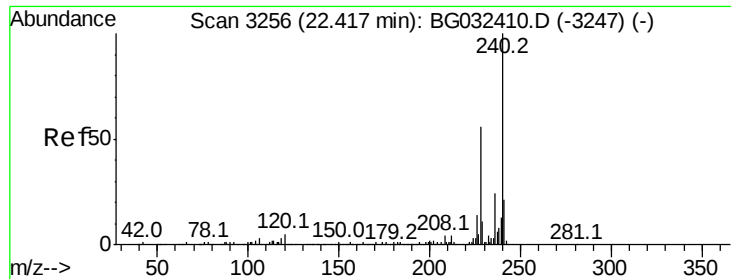


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.43 min Scan# 3257

Delta R.T. 0.01 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

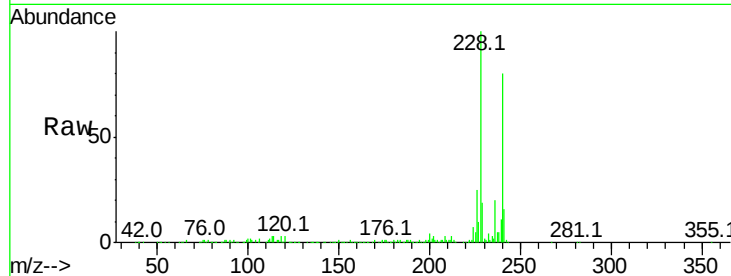
Tot Ion:240 Resp: 278614

Ion Ratio Lower Upper

240 100

120 3.6 6.8 10.2#

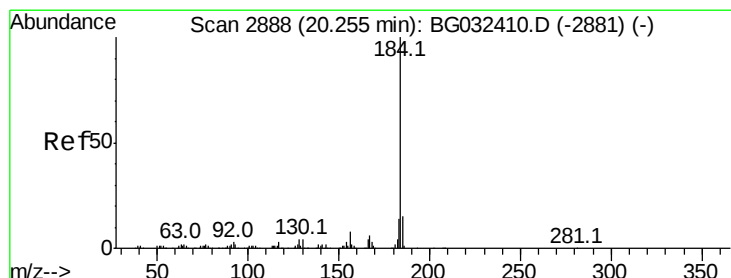
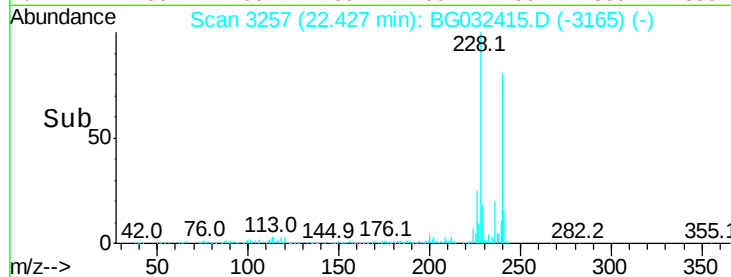
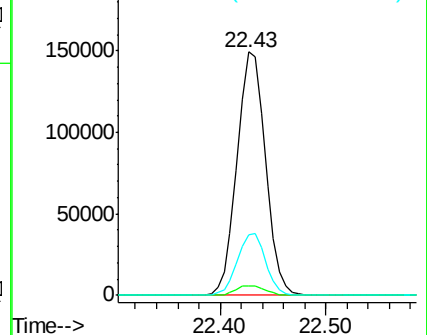
236 25.1 20.9 31.3



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: 3.572 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.37 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

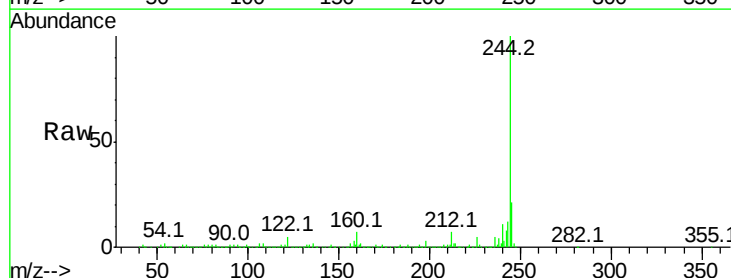
Tgt Ion:184 Resp: 19543

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

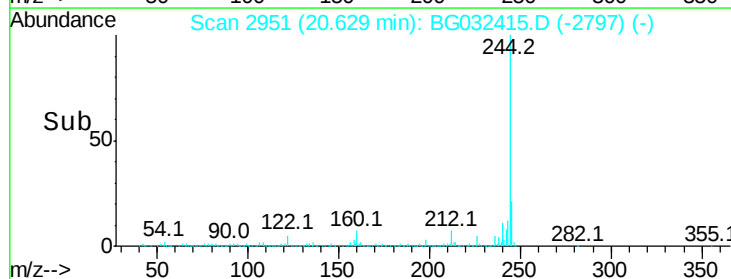
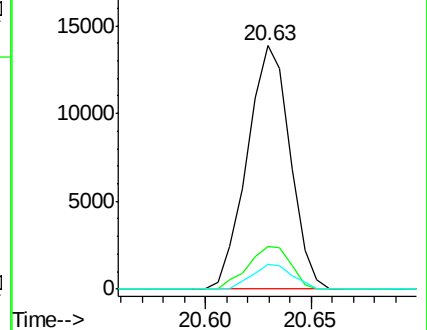
183 10.2 10.6 16.0#

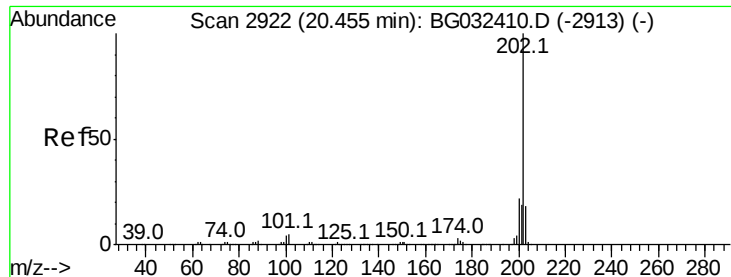


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 142.902 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.34 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

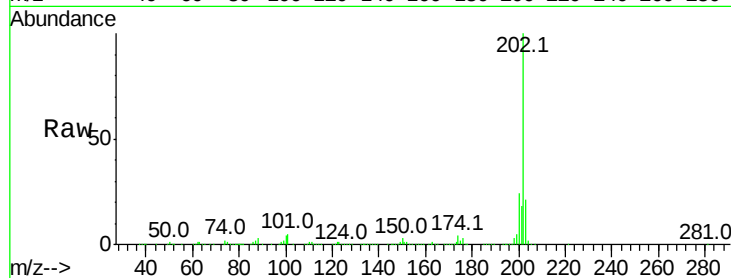
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 2441986

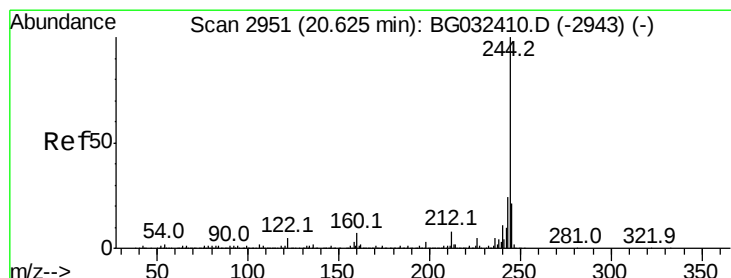
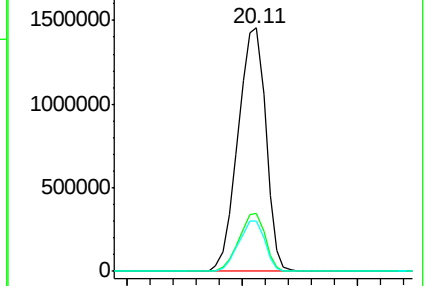
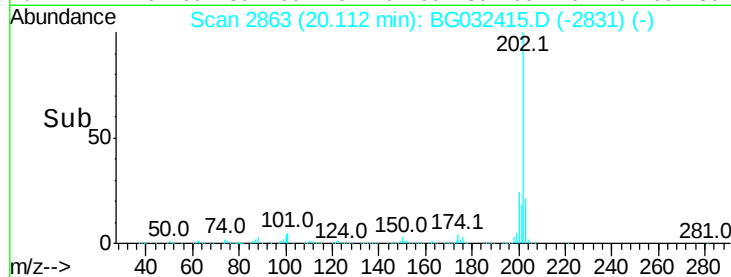
Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.9	25.3
203	20.6	13.9	20.9



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: 106.518 ng

RT: 20.63 min Scan# 2951

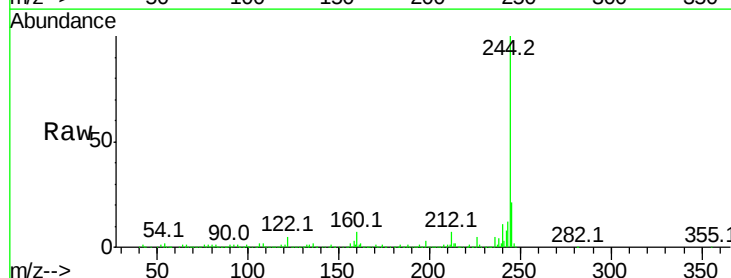
Delta R.T. 0.00 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Tgt Ion:244 Resp: 1385442

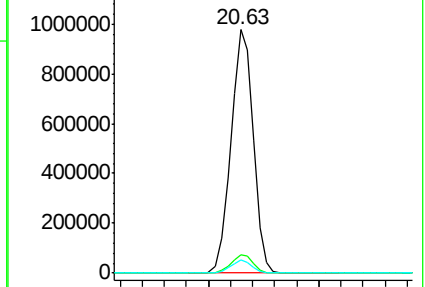
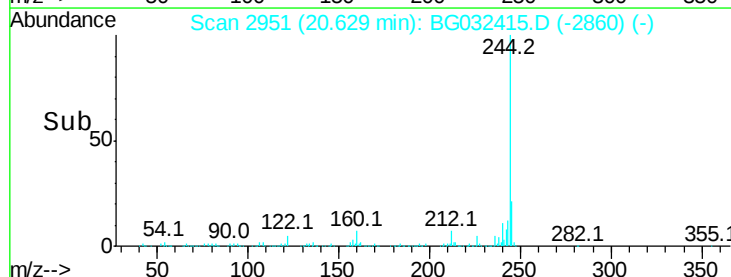
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.4	7.0	10.4#

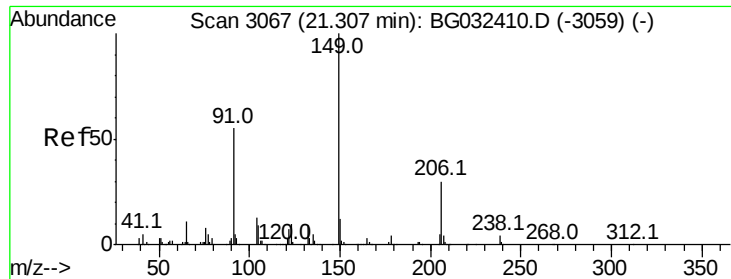


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

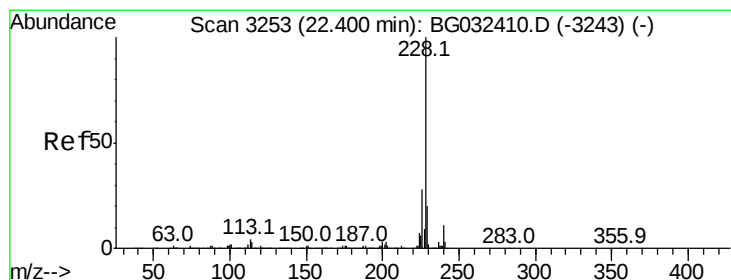
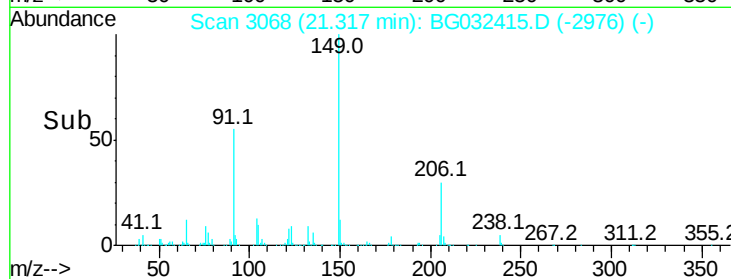
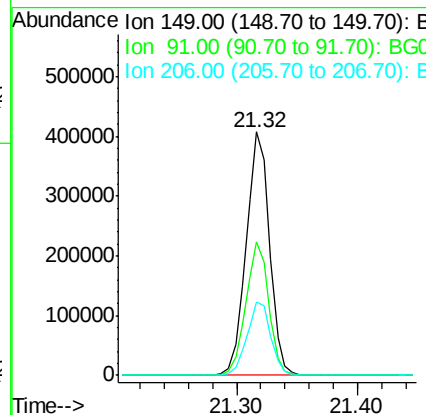
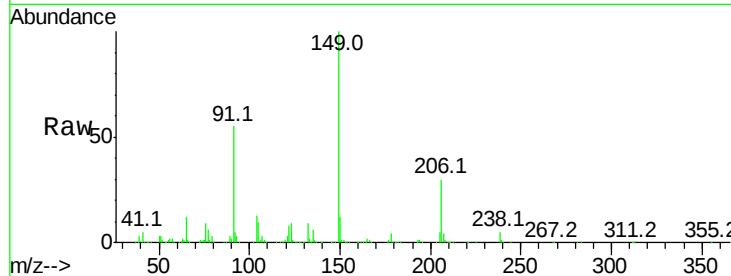




#79
Butylbenzylphthalate
Concen: 101.806 ng
RT: 21.32 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

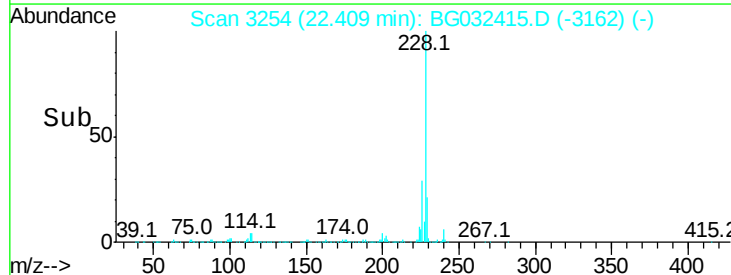
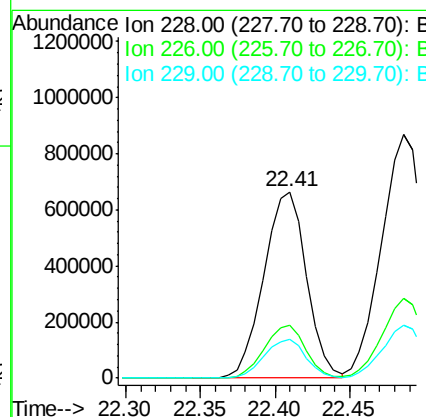
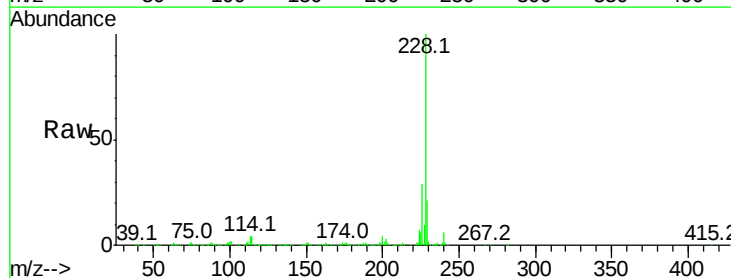
Instrument :
BNA_G
ClientSampleId :

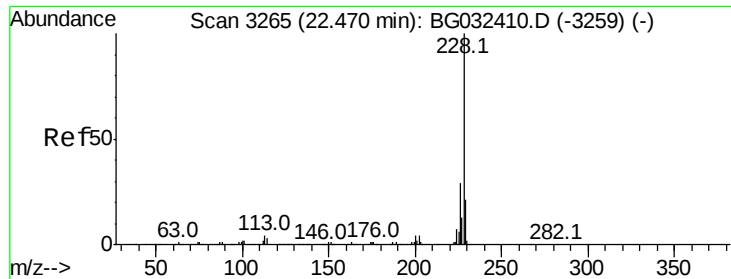
Tot Ion:149 Resp: 548748
Ion Ratio Lower Upper
149 100
91 54.9 62.2 93.2#
206 29.9 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 76.220 ng
RT: 22.41 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BG032415.D
Acq: 29 Jan 2018 15:27

Tgt Ion:228 Resp: 1316509
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 21.0 16.2 24.2



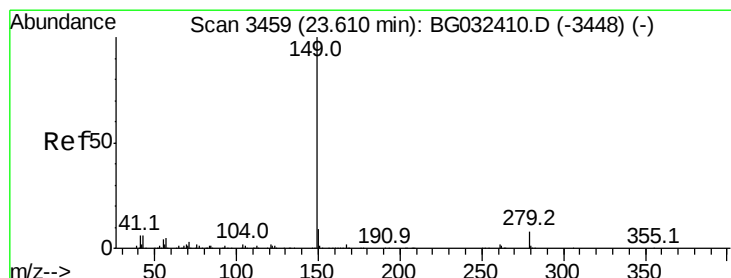
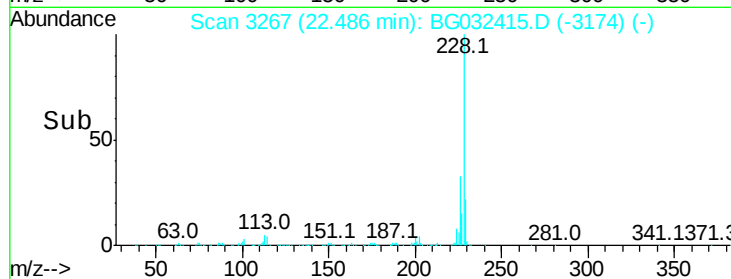
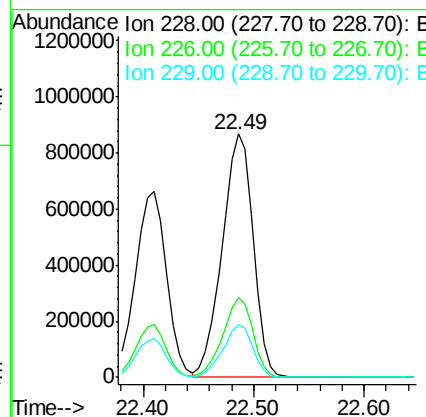
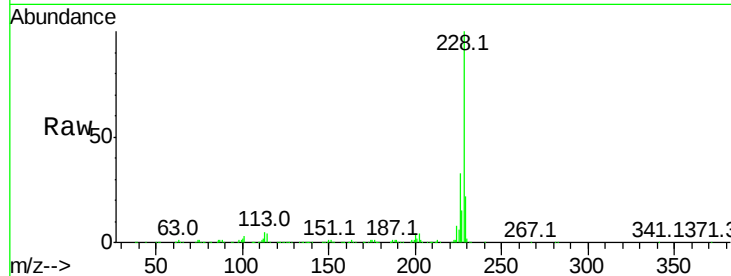


#82
 Chrysene
 Concen: 101.662 ng
 RT: 22.49 min Scan# 3267
 Delta R.T. 0.02 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:228 Resp: 1695796

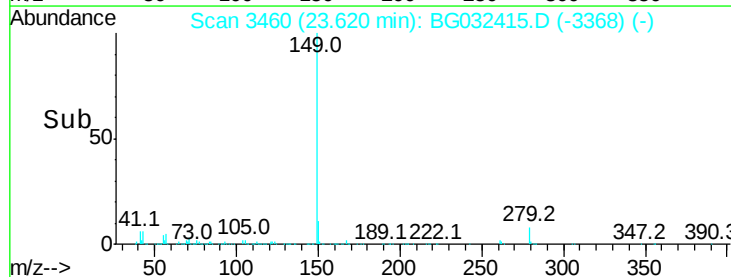
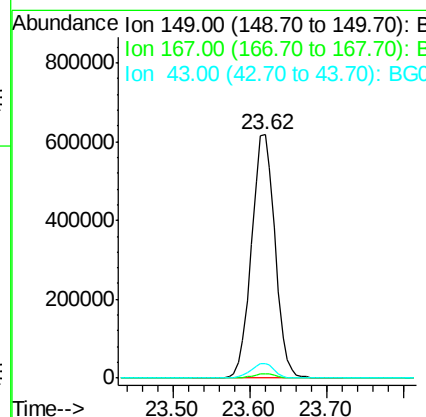
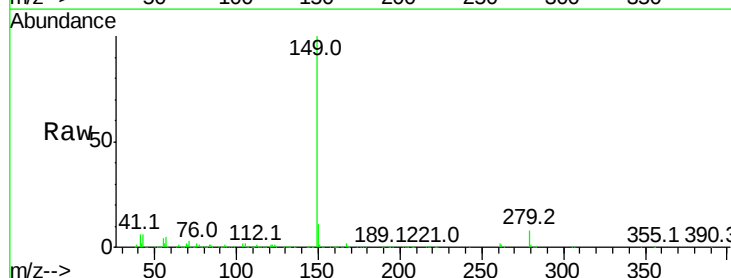
Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.6	15.0	22.4

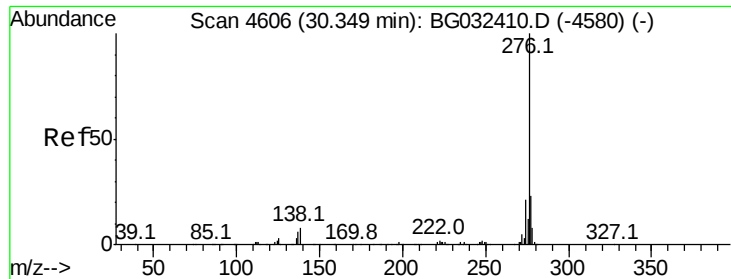


#84
 Di-n-octyl phthalate
 Concen: 108.773 ng
 RT: 23.62 min Scan# 3460
 Delta R.T. 0.01 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

Tgt Ion:149 Resp: 1318567

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	6.0	8.9	13.3

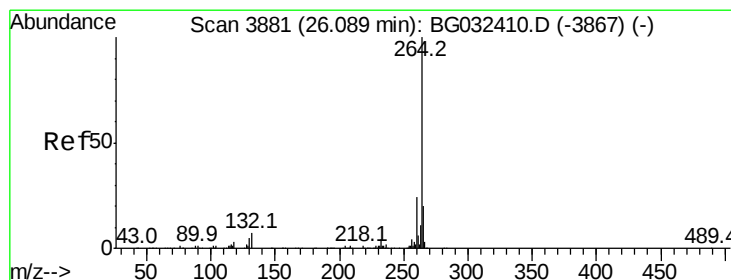
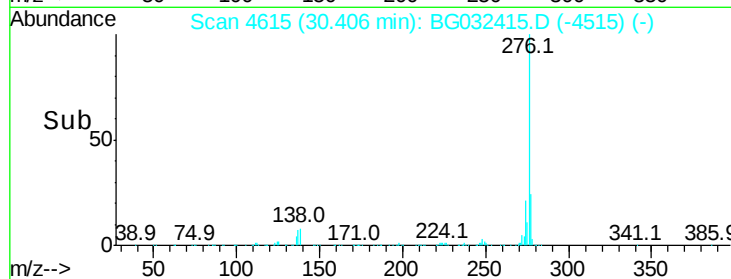
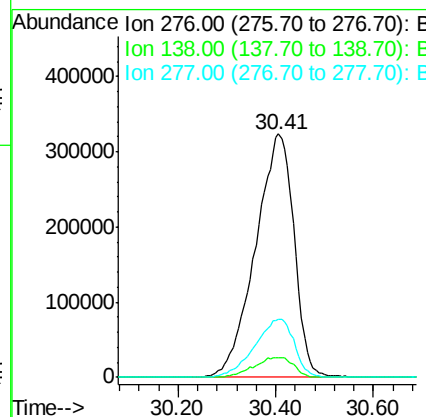
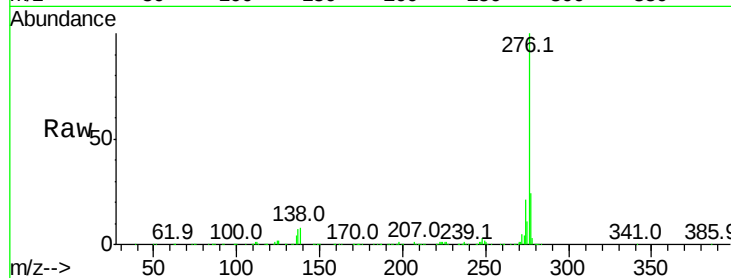




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 84.362 ng
 RT: 30.41 min Scan# 4615
 Delta R.T. 0.06 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

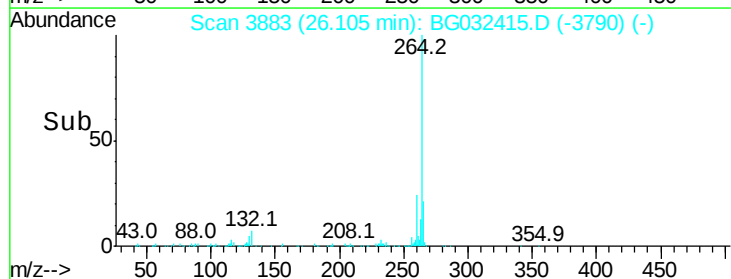
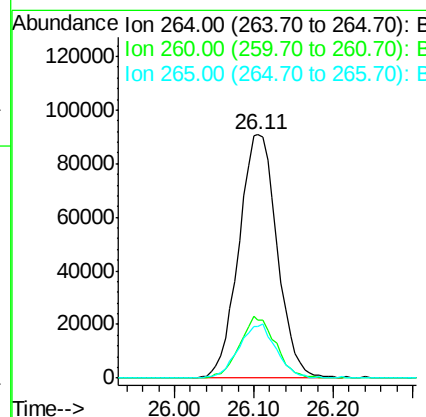
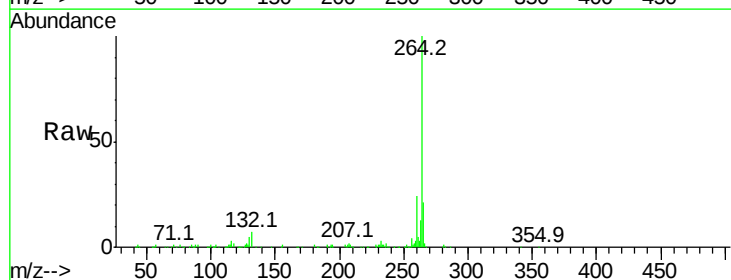
Instrument :
 BNA_G
 ClientSampleId :

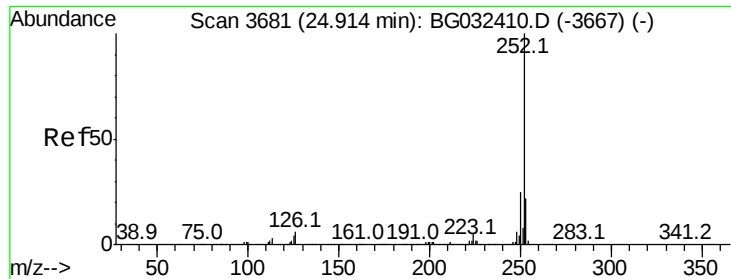
Tot Ion:276 Resp: 1780189
 Ion Ratio Lower Upper
 276 100
 138 8.5 16.0 24.0#
 277 24.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.11 min Scan# 3883
 Delta R.T. 0.02 min
 Lab File: BG032415.D
 Acq: 29 Jan 2018 15:27

Tgt Ion:264 Resp: 303756
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 21.1 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 82.915 ng

RT: 24.94 min Scan# 3684

Delta R.T. 0.02 min

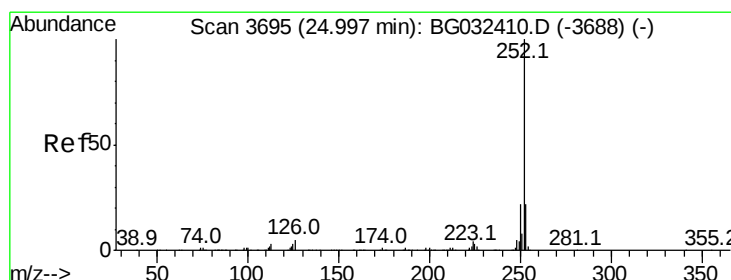
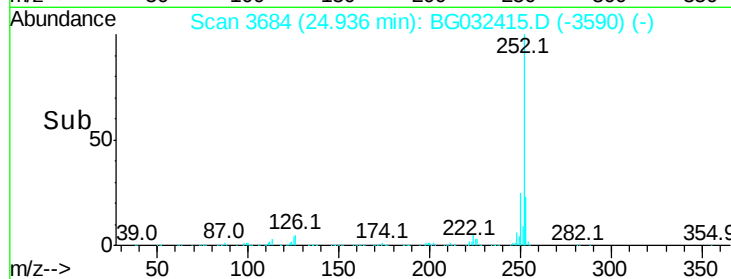
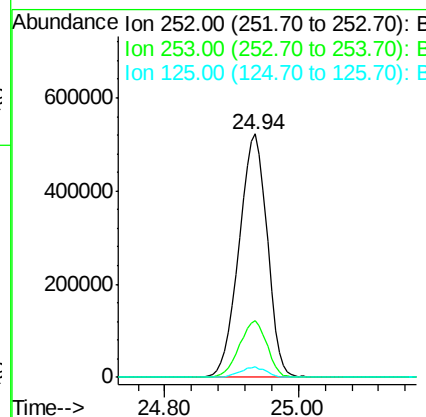
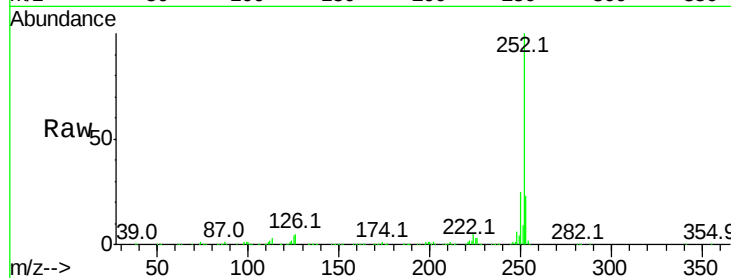
Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1521800

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	4.3	7.2	10.8#



#88

Benzo(k)fluoranthene

Concen: 83.700 ng

RT: 24.94 min Scan# 3684

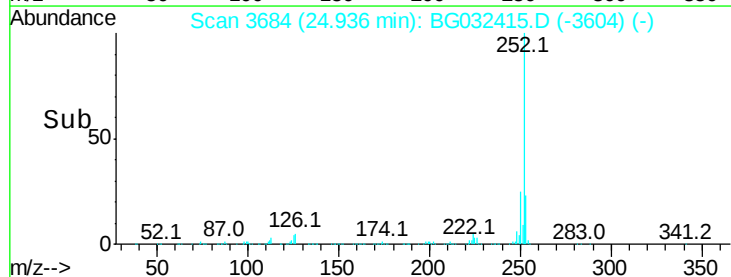
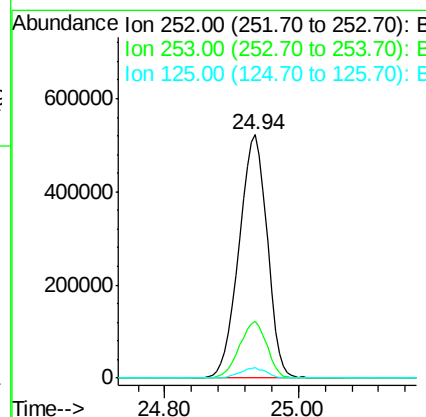
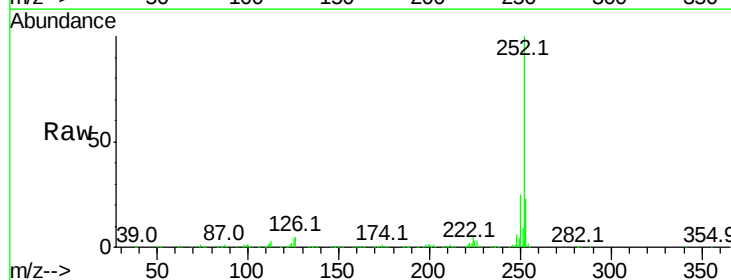
Delta R.T. -0.06 min

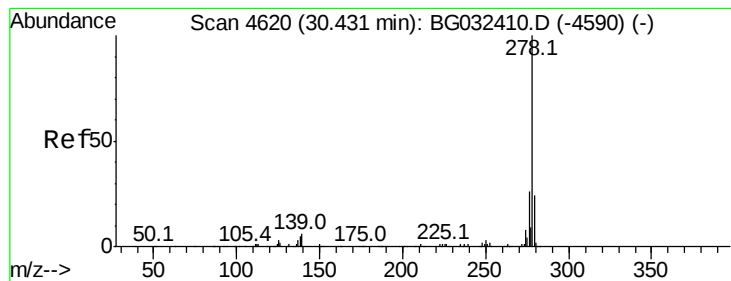
Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Tgt Ion:252 Resp: 1521800

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	4.3	6.6	9.8#





#90

Dibenzo(a,h)anthracene

Concen: 2.849 ng

RT: 30.41 min Scan# 4615

Delta R.T. -0.03 min

Lab File: BG032415.D

Acq: 29 Jan 2018 15:27

Instrument :

BNA_G

ClientSampleId :

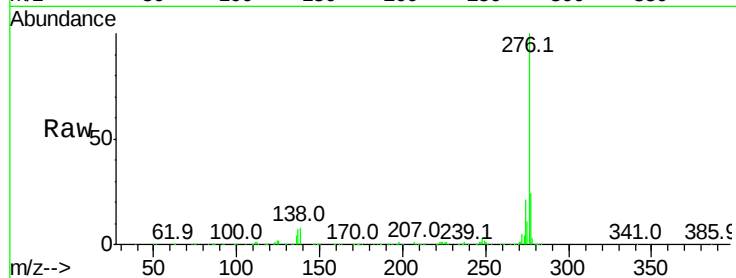
Tot Ion:278 Resp: 51003

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

279 6.7 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

