

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033240.D
 Acq On : 19 Mar 2018 14:51
 Operator : SJ/JU
 Sample : J1888-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 16:57:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37083	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	152804	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	117347	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	312756	20.00	ng	0.00
75) Chrysene-d12	22.60	240	309927	20.00	ng	0.00
86) Perylene-d12	26.40	264	329516	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	277570	140.35	ng	0.00
7) Phenol-d6	8.00	99	435463	128.15	ng	0.00
23) Nitrobenzene-d5	10.10	82	284058	85.41	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	253208	144.27	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	749297	92.18	ng	0.00
78) Terphenyl-d14	20.76	244	1416514	97.74	ng	0.00

Target Compounds

						Qvalue
12) 1,3-Dichlorobenzene	8.94	146	178590	60.420	ng	98
13) 1,4-Dichlorobenzene	8.94	146	178590	60.330	ng	96
14) 1,2-Dichlorobenzene	9.27	146	209932	72.662	ng	98
18) Hexachloroethane	10.02	117	74166	64.915	ng	91
19) n-Nitroso-di-n-propylamine	10.10	70	39702	15.945	ng	# 70
31) Naphthalene	11.84	128	678223	85.652	ng	98
33) 4-Chloroaniline	11.84	127	94525	26.645	ng	# 38
37) 2-Methylnaphthalene	13.39	142	693267	112.800	ng	92
47) 2-Nitroaniline	14.94	65	8413	3.231	ng	# 1
48) Acenaphthylene	15.25	152	1749222	150.753	ng	97
49) Dimethylphthalate	14.94	163	686963	67.268	ng	99
50) 2,6-Dinitrotoluene	15.07	165	305471	146.288	ng	99
51) Acenaphthene	15.58	154	687603	91.927	ng	97
54) Dibenzofuran	15.91	168	742486	67.201	ng	91
55) 4-Nitrophenol	15.91	139	312865	203.239	ng	# 1
56) 2,4-Dinitrotoluene	15.85	165	274560	89.300	ng	# 91
57) Fluorene	16.55	166	415073	44.097	ng	97
59) Diethylphthalate	16.28	149	995294	100.368	ng	96
60) 4-Chlorophenyl-phenylether	16.52	204	503846	93.118	ng	97
61) 4-Nitroaniline	16.55	138	7453	3.362	ng	# 21
62) Azobenzene	16.52	77	198679	20.683	ng	# 44
65) n-Nitrosodiphenylamine	16.52	169	55069	6.168	ng	# 82
66) 4-Bromophenyl-phenylether	16.99	248	18239	4.966	ng	# 1
70) Phenanthrene	18.29	178	1218755	74.824	ng	98
71) Anthracene	18.29	178	1218755	73.898	ng	99
73) Di-n-butylphthalate	19.13	149	2068441	121.596	ng	# 95
74) Fluoranthene	20.24	202	1928892	95.695	ng	95
76) Benzidine	20.76	184	22447	2.671	ng	# 88
77) Pyrene	20.60	202	1161085	56.171	ng	97
79) Butylbenzylphthalate	21.46	149	888655	116.502	ng	94
80) Benzo(a)anthracene	22.58	228	1404639	71.176	ng	98
82) Chrysene	22.66	228	673347	35.247	ng	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	429608	40.857	ng	98
85) Indeno(1,2,3-cd)pyrene	30.83	276	1541927	74.654	ng	# 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	25.18	252	1599924	84.040	ng	# 96
88) Benzo(k)fluoranthene	25.26	252	1183786	61.481	ng	# 97
89) Benzo(a)pyrene	26.23	252	2344743	128.251	ng	# 97
90) Dibenzo(a,h)anthracene	30.90	278	926970	53.827	ng	95
91) Benzo(g,h,i)perylene	32.21	276	1082383	63.471	ng	# 94

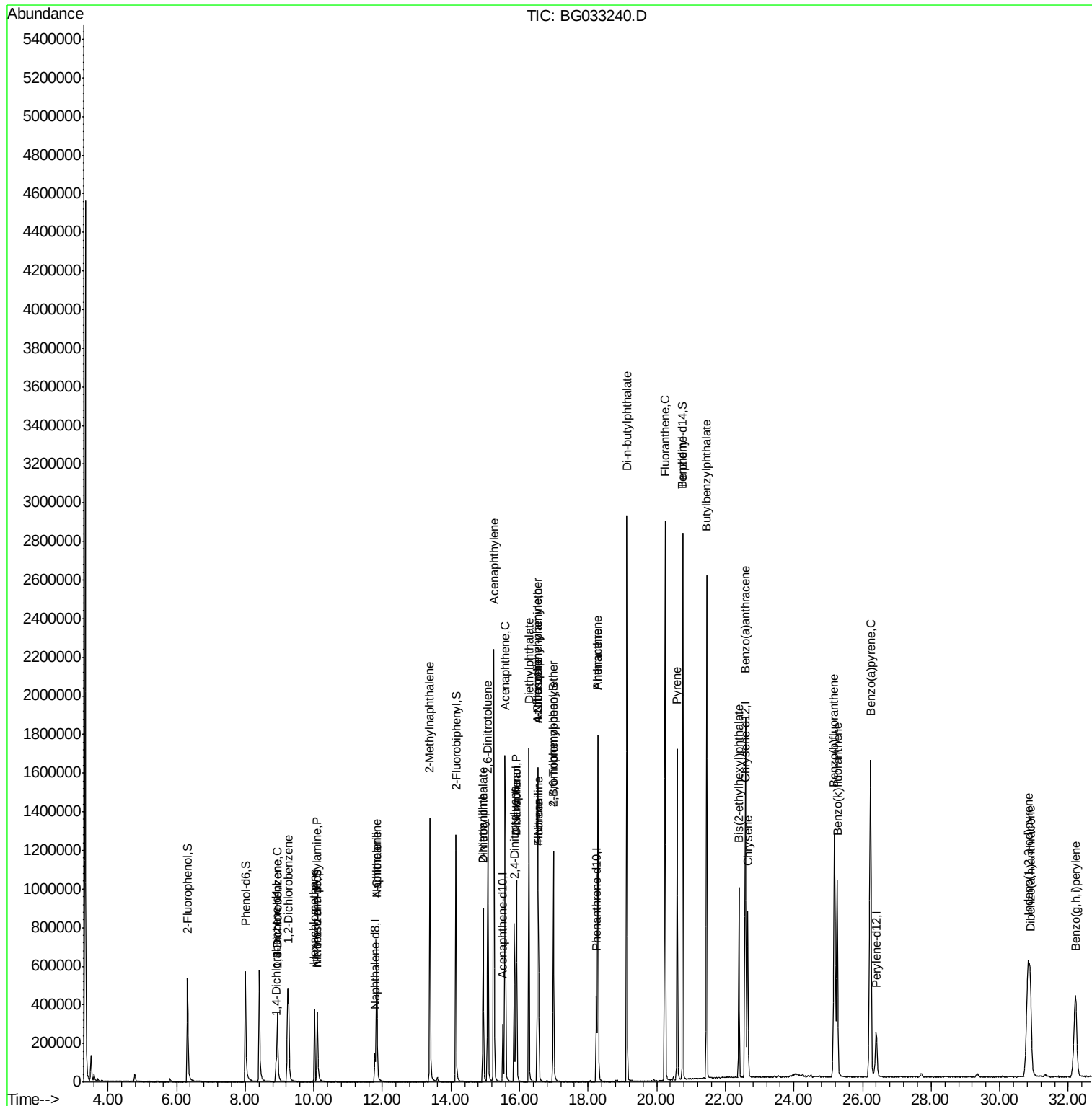
(#) = qualifier out of range (m) = manual integration (+) = signals summed

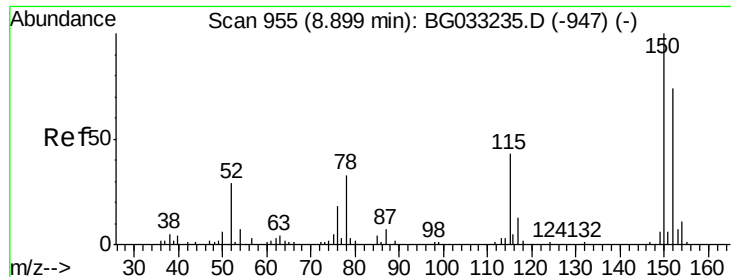
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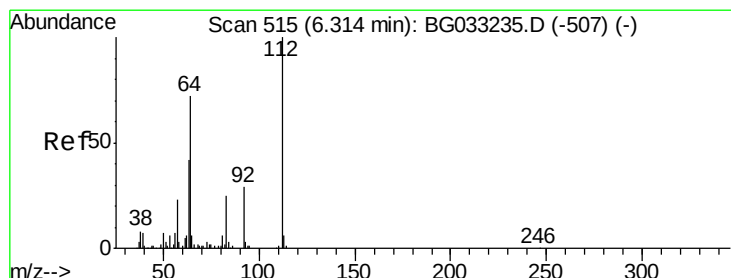
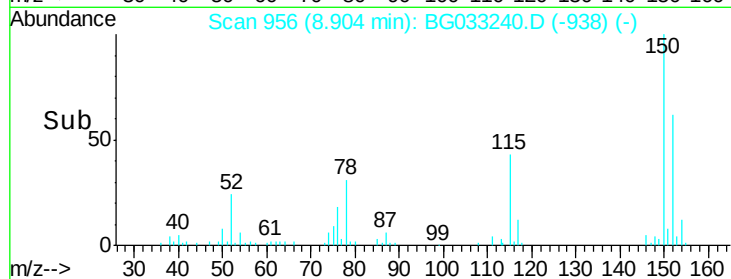
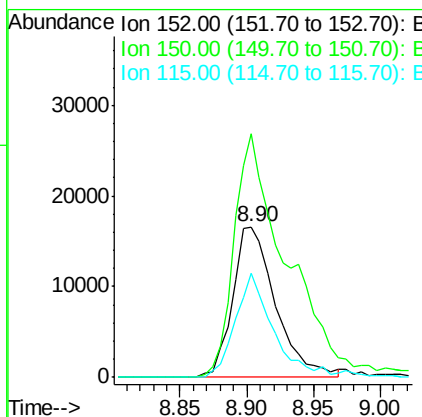
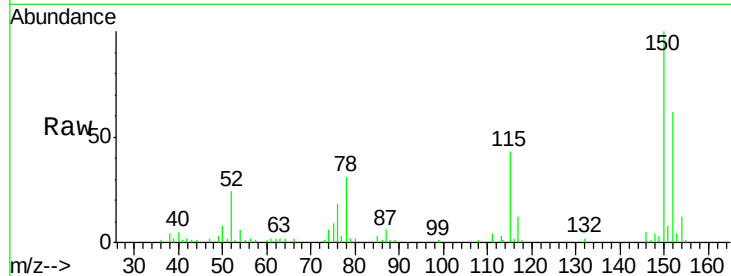




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.90 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

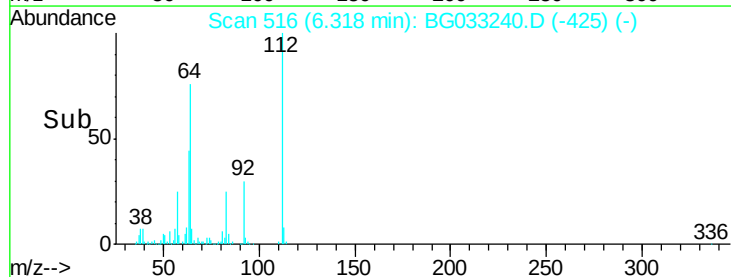
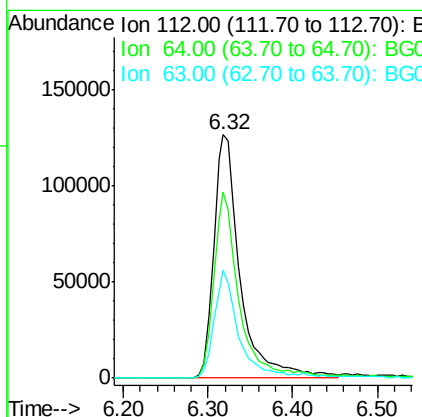
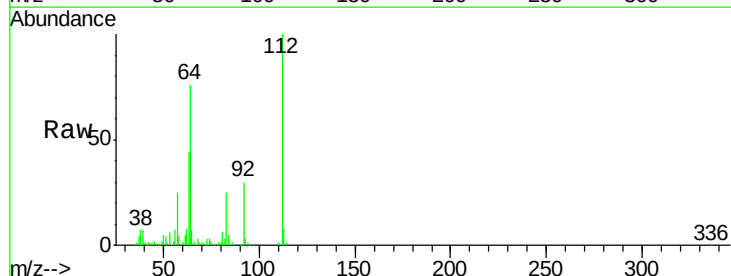
Instrument :
 BNA_G
 ClientSampleId :

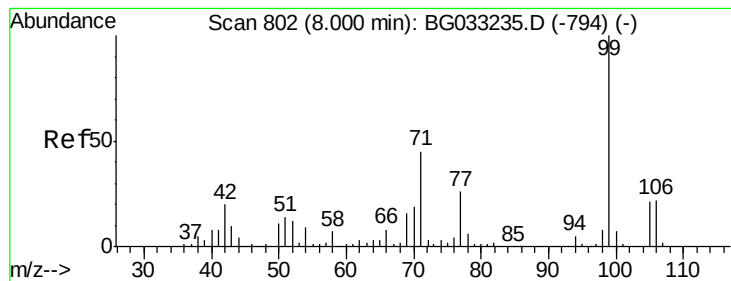
Tot Ion:152 Resp: 37083
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.6 189.8
 115 69.0 53.0 79.4



#5
 2-Fluorophenol
 Concen: 140.355 ng
 RT: 6.32 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

Tgt Ion:112 Resp: 277570
 Ion Ratio Lower Upper
 112 100
 64 76.2 56.3 84.5
 63 44.4 30.1 45.1





#7

Phenol-d6

Concen: 128.153 ng

RT: 8.00 min Scan# 803

Delta R.T. 0.01 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampled :

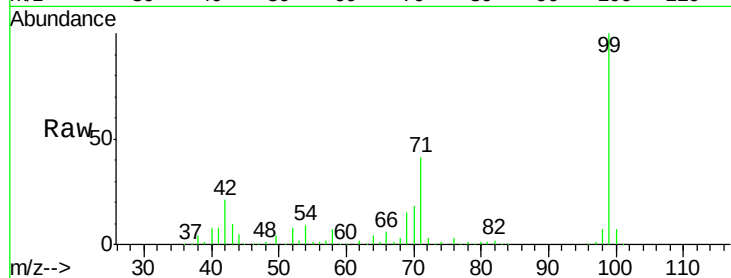
Tot Ion: 99 Resp: 435463

Ion Ratio Lower Upper

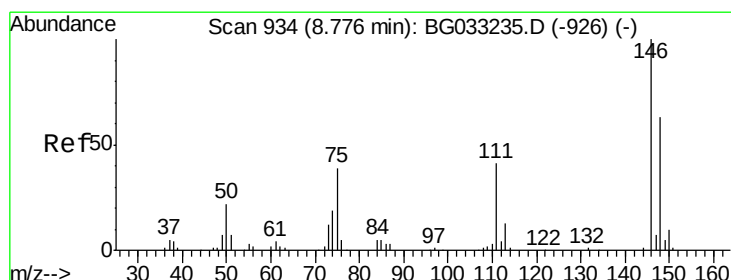
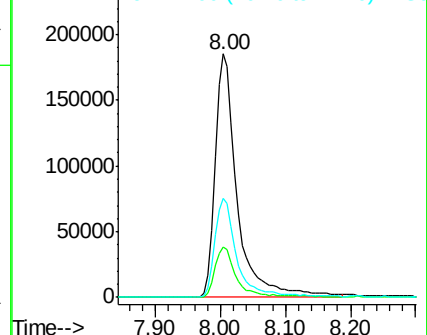
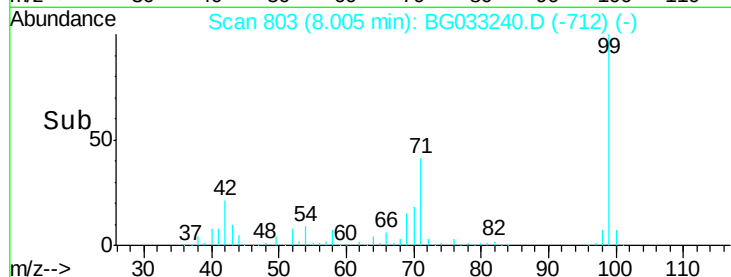
99 100

42 20.8 14.1 21.1

71 40.6 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



#12

1,3-Dichlorobenzene

Concen: 60.420 ng

RT: 8.94 min Scan# 962

Delta R.T. 0.16 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

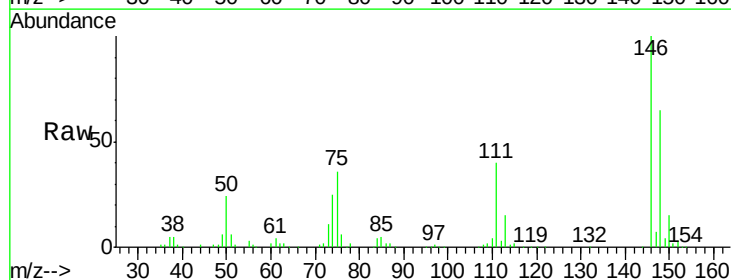
Tgt Ion: 146 Resp: 178590

Ion Ratio Lower Upper

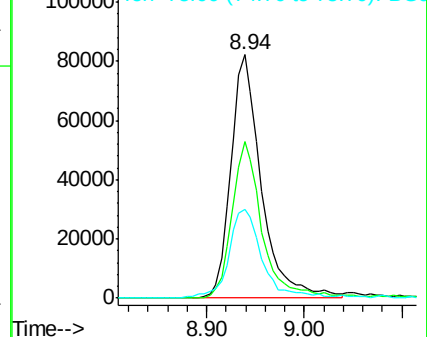
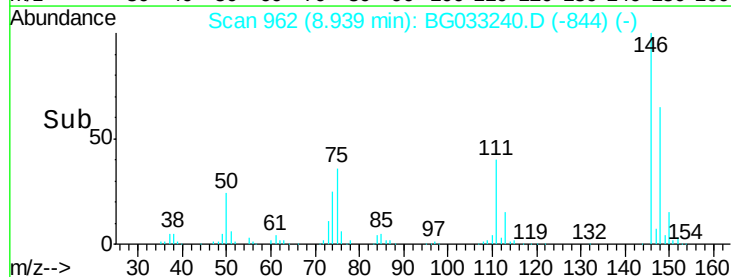
146 100

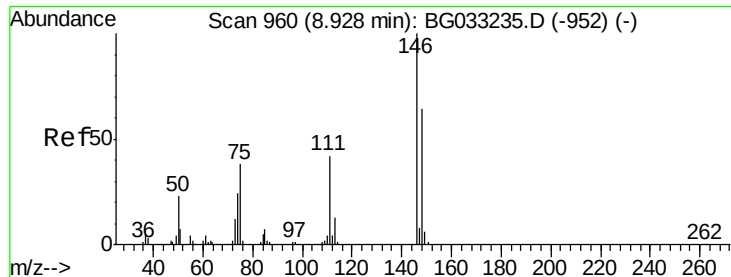
148 64.6 51.4 77.2

75 36.2 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

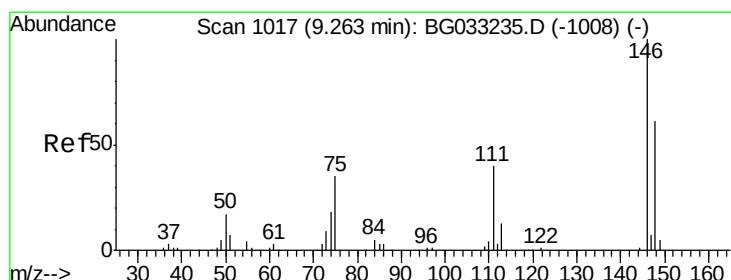
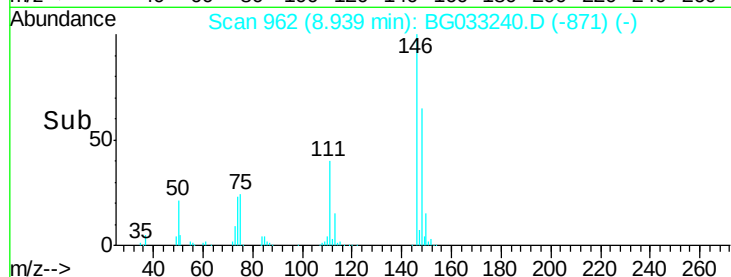
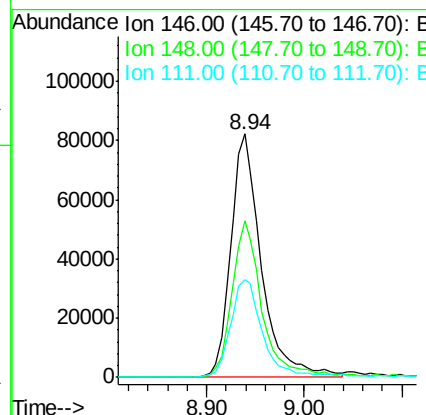
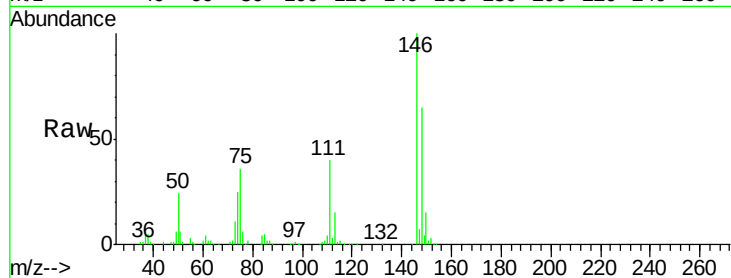




#13
 1,4-Dichlorobenzene
 Concen: 60.330 ng
 RT: 8.94 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

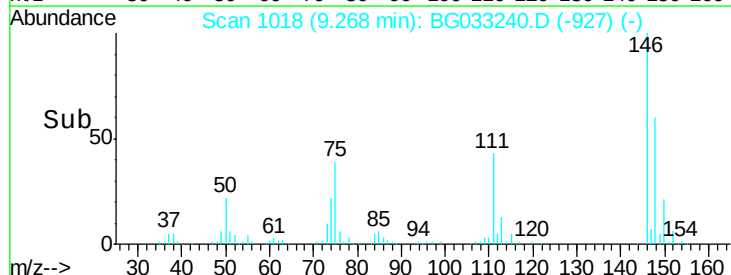
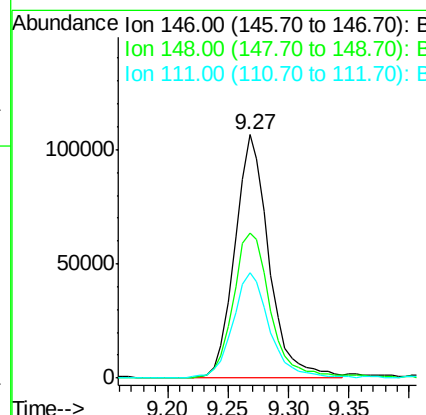
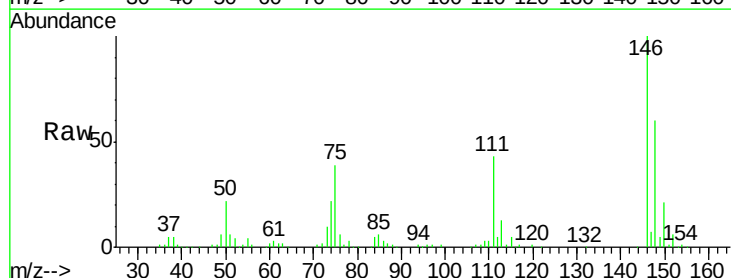
Instrument :
 BNA_G
 ClientSampleId :

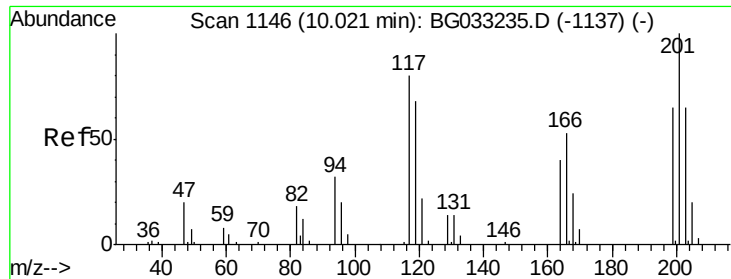
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.7	80.5
111	39.9	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 72.662 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.6	49.3	73.9
111	43.4	34.3	51.5

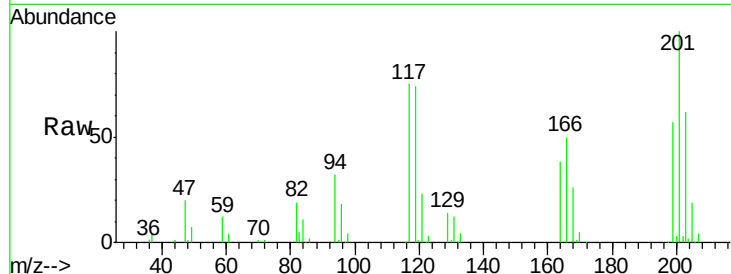




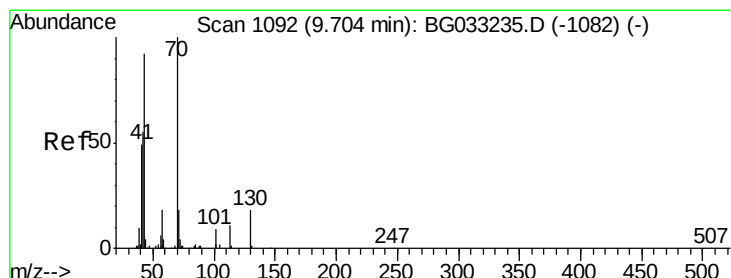
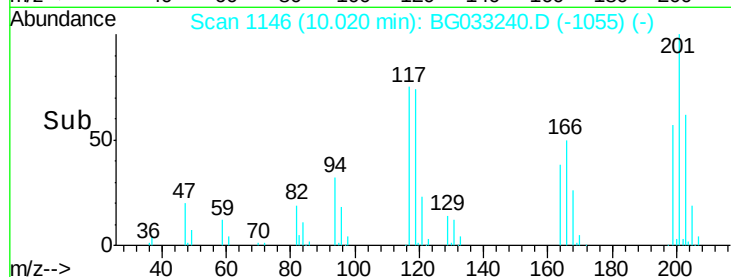
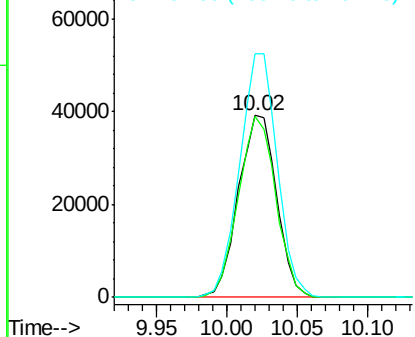
#18
Hexachloroethane
Concen: 64.915 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 74166
Ion Ratio Lower Upper
117 100
119 99.6 76.7 115.1
201 133.7 95.7 143.5

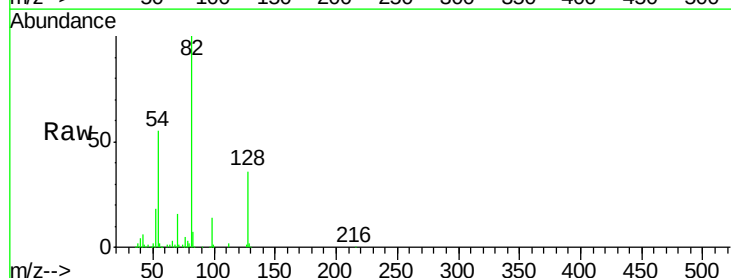


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

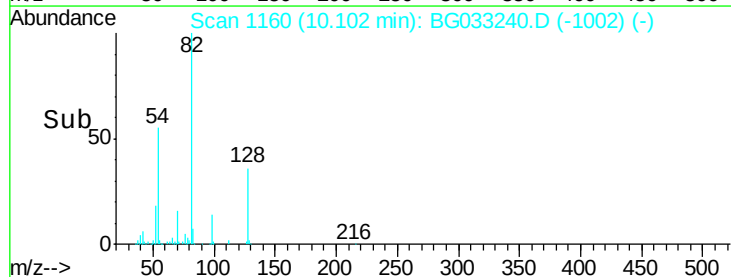
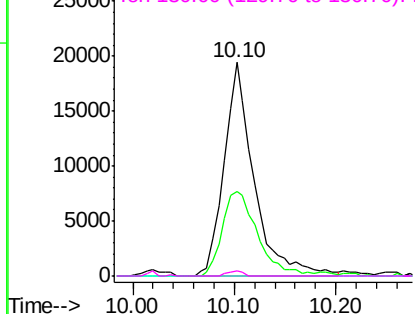


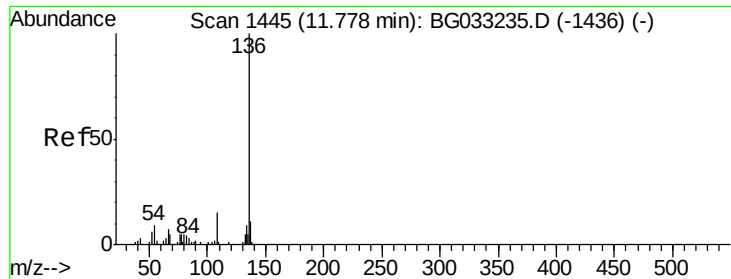
#19
n-Nitroso-di-n-propylamine
Concen: 15.945 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.40 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

Tgt Ion: 70 Resp: 39702
Ion Ratio Lower Upper
70 100
42 39.4 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

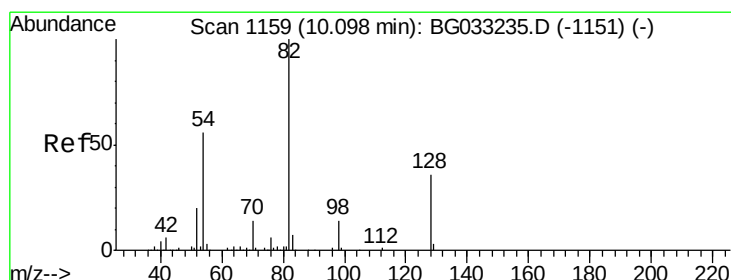
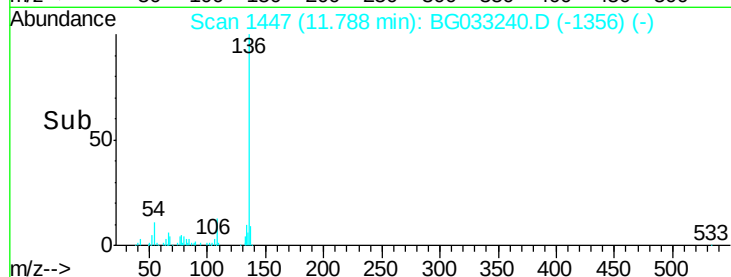
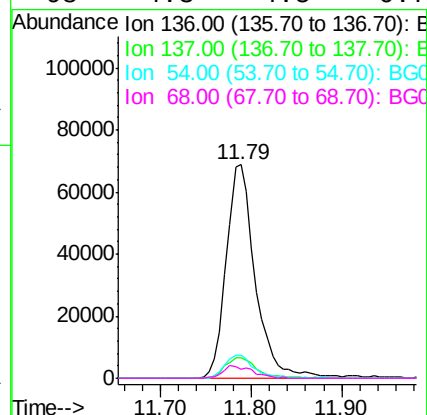
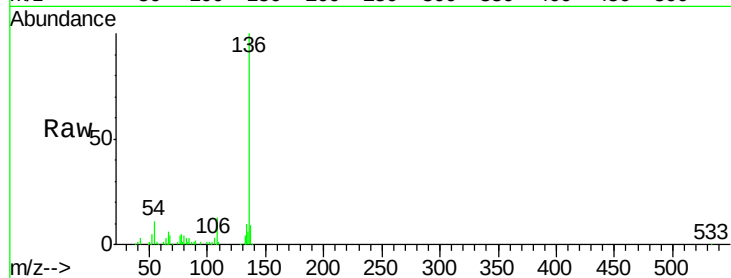




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

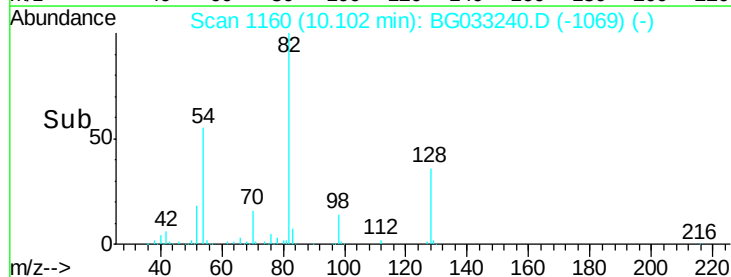
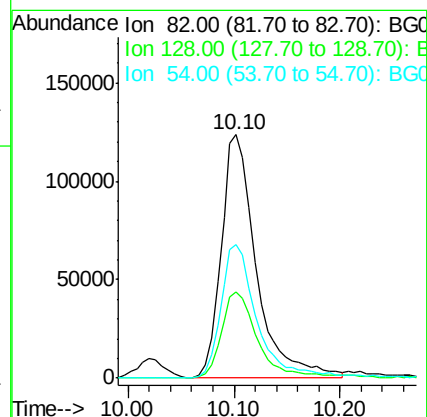
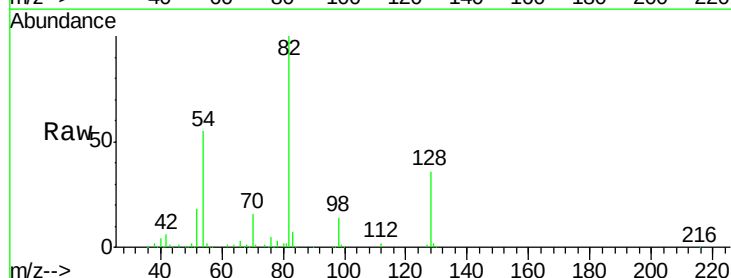
Instrument :
BNA_G
ClientSampleId :

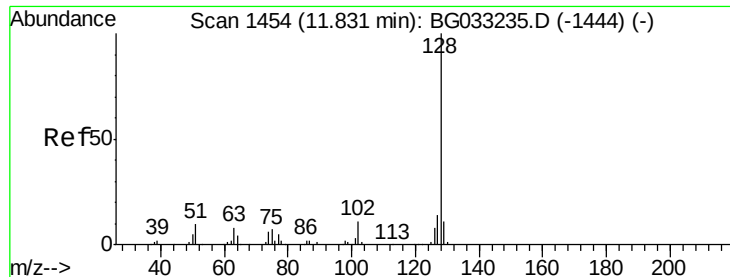
Tot Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	11.1	10.3	15.5
68	4.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 85.409 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	54.9	43.1	64.7





#31

Naphthalene

Concen: 85.652 ng

RT: 11.84 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

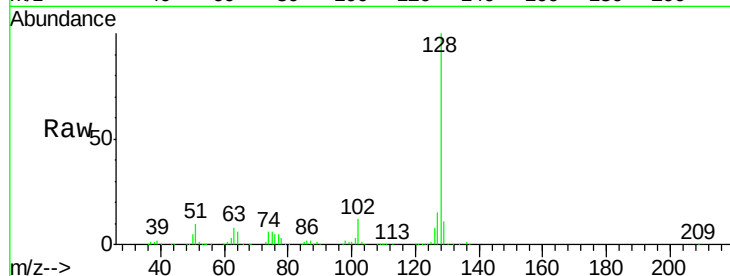
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 678223

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	15.4	11.6	17.4

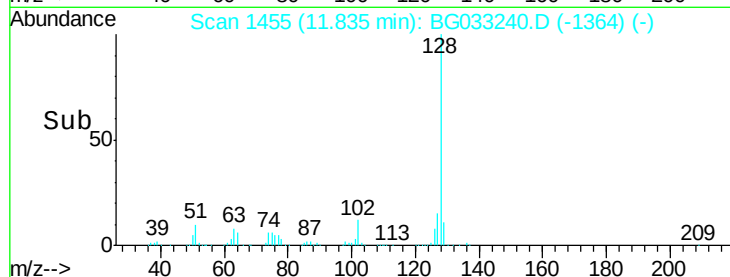


Abundance Ion 128.00 (127.70 to 128.70): E

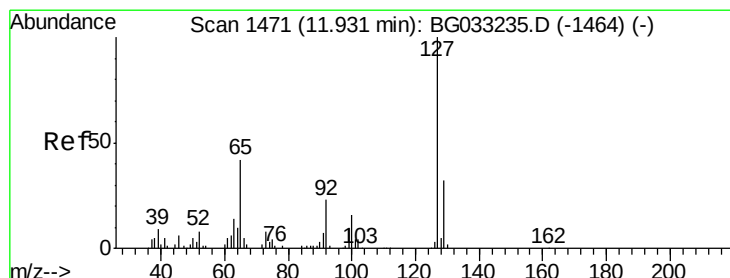
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

11.84



Time--> 11.70 11.80 11.90 12.00



#33

4-Chloroaniline

Concen: 26.645 ng

RT: 11.84 min Scan# 1455

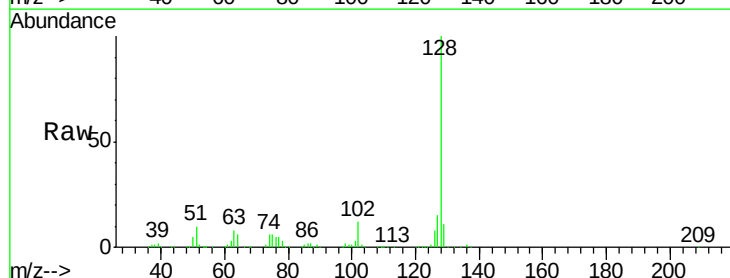
Delta R.T. -0.09 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Tgt Ion:127 Resp: 94525

Ion	Ratio	Lower	Upper
127	100		
129	71.2	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



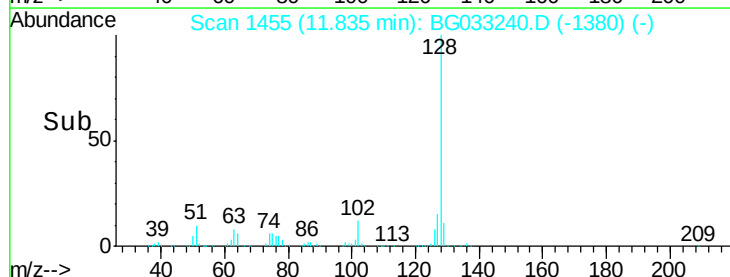
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

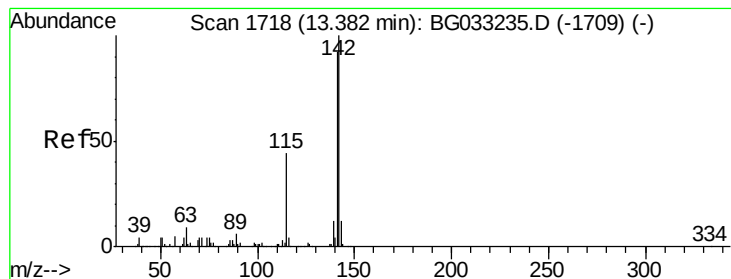
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

11.84



Time--> 11.80 11.90



#37

2-Methylnaphthalene

Concen: 112.800 ng

RT: 13.39 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

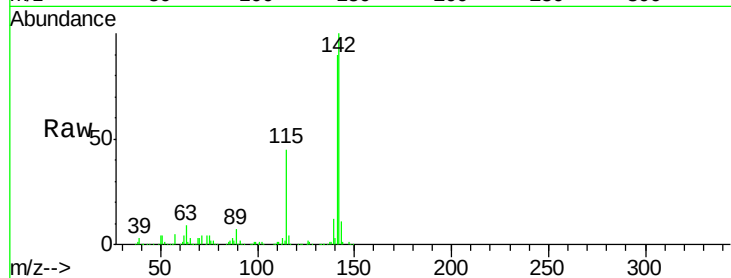
Tot Ion:142 Resp: 693267

Ion Ratio Lower Upper

142 100

141 90.3 67.1 100.7

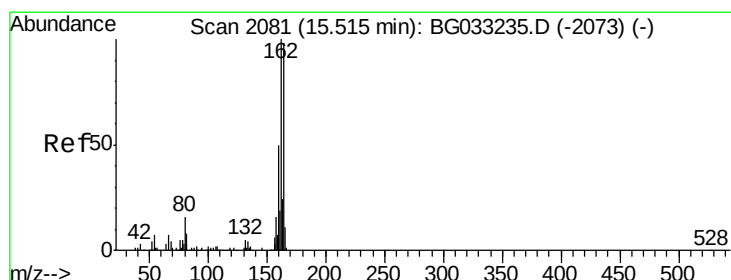
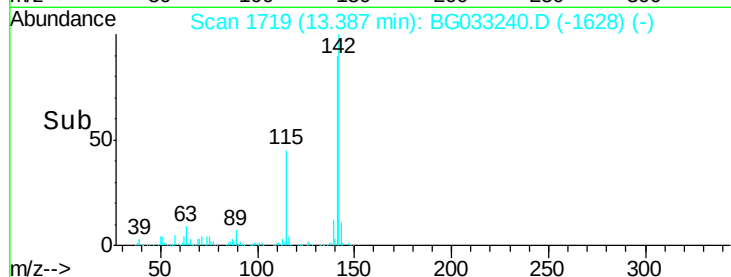
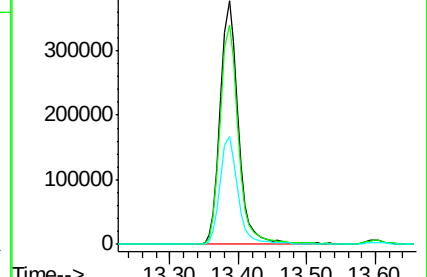
115 44.6 30.7 46.1



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: 15.51 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

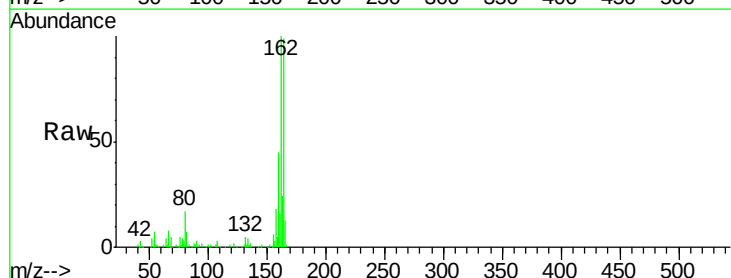
Tgt Ion:164 Resp: 117347

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

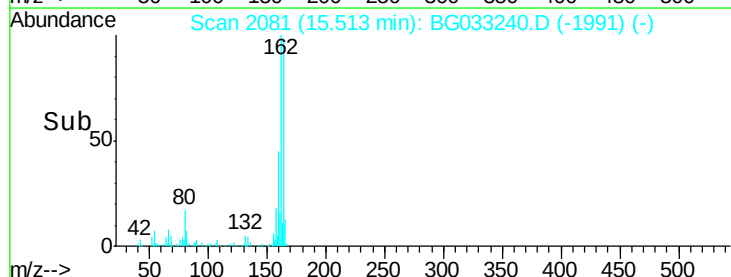
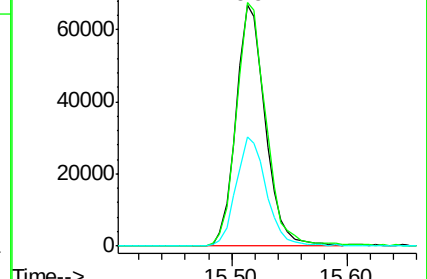
160 45.3 35.4 53.0

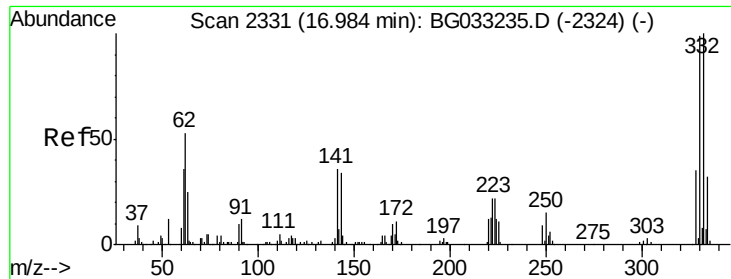


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

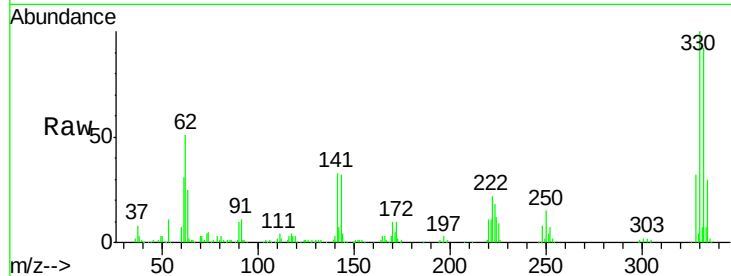




#41
 2,4,6-Tribromophenol
 Concen: 144.273 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.9	25.2	37.8

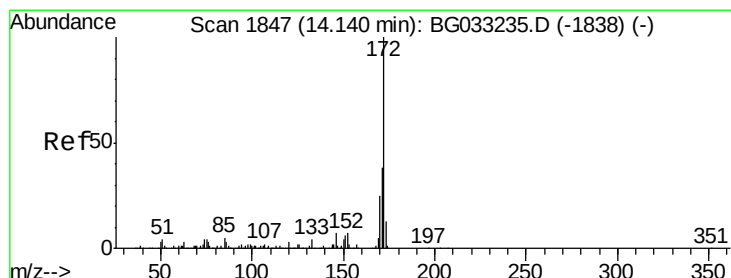
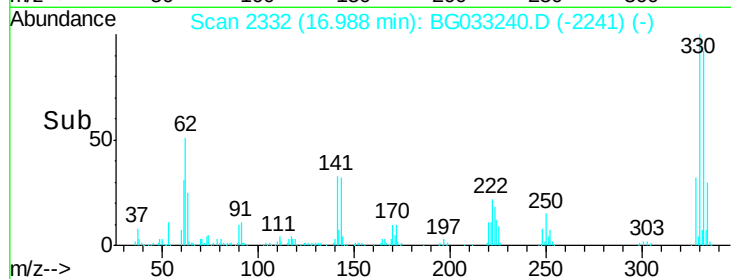
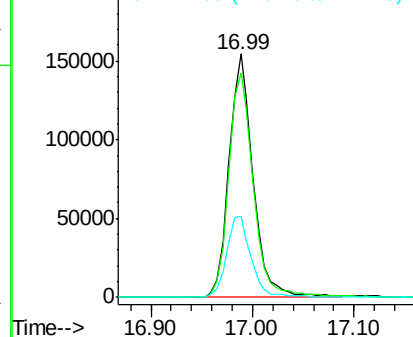


Abundance

Ion 329.80 (329.50 to 330.50): E

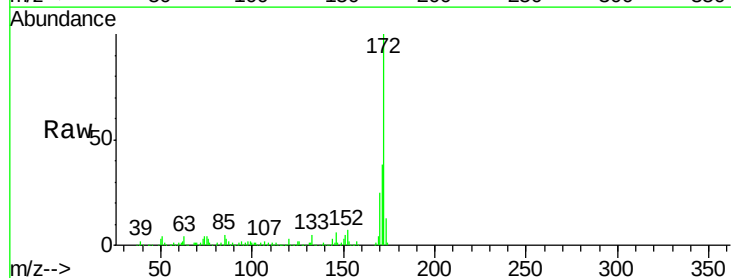
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.181 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.0	19.5	29.3

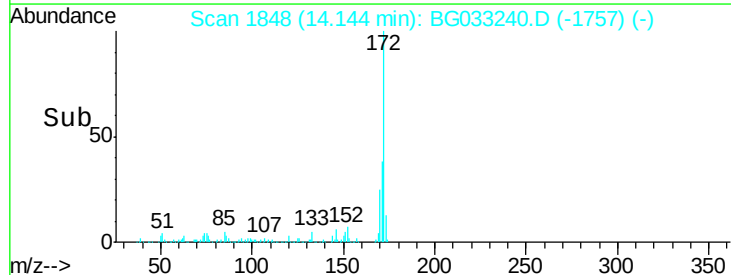
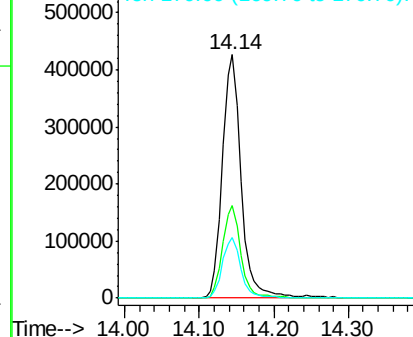


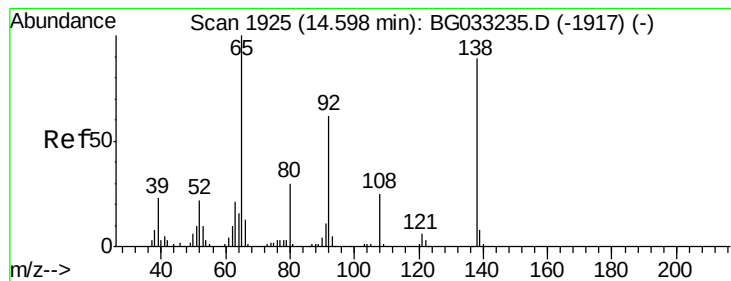
Abundance

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





#47

2-Nitroaniline

Concen: 3.231 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.34 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampled :

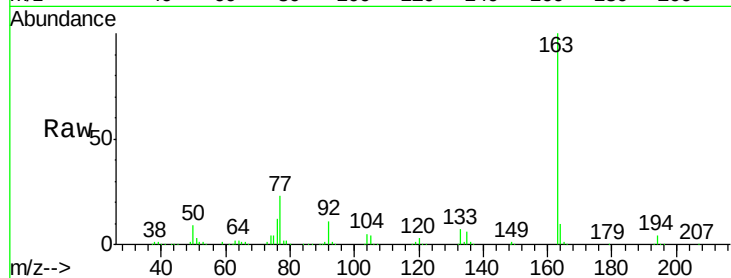
Tot Ion: 65 Resp: 8413

Ion Ratio Lower Upper

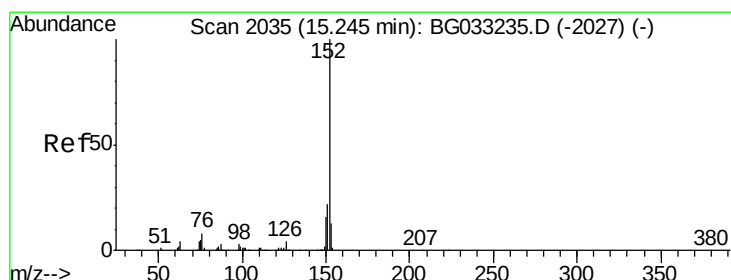
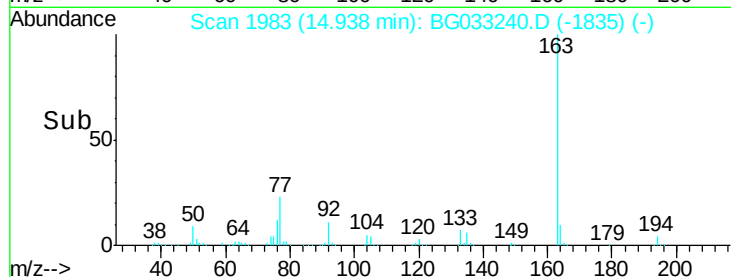
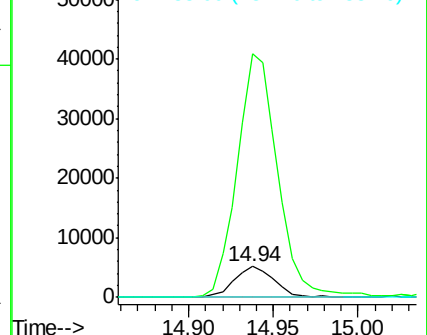
65 100

92 795.6 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: 150.753 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

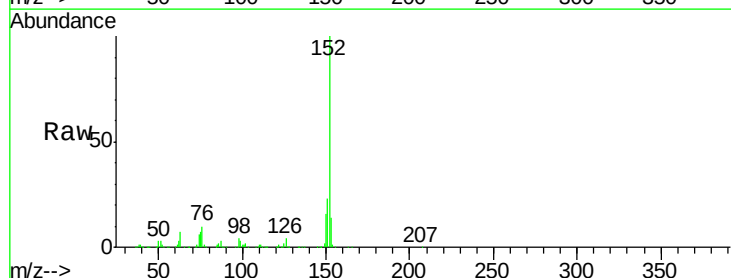
Tgt Ion: 152 Resp: 1749222

Ion Ratio Lower Upper

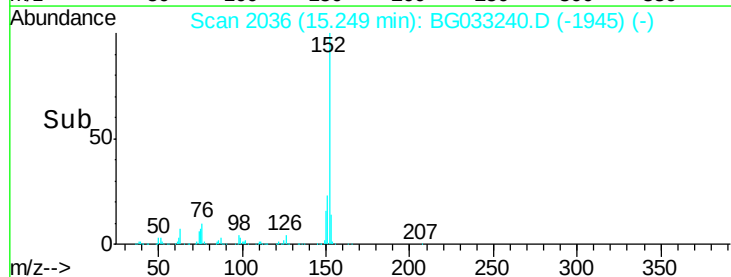
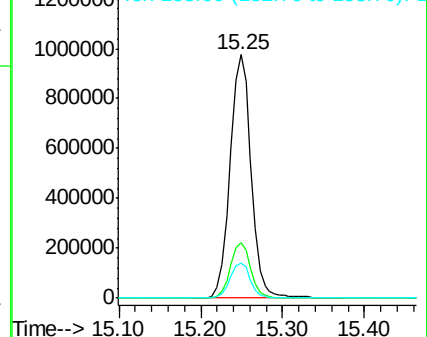
152 100

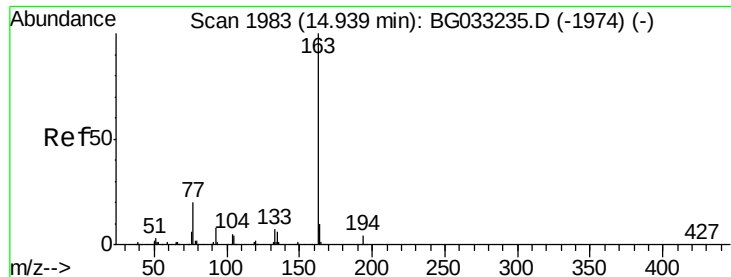
151 23.0 17.2 25.8

153 14.4 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 67.268 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

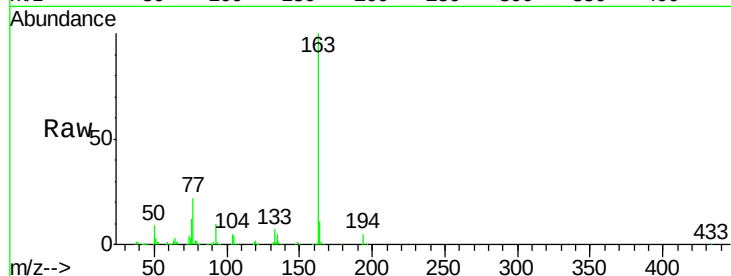
Tot Ion:163 Resp: 686963

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

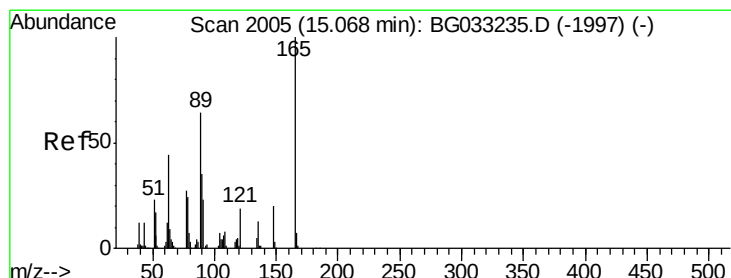
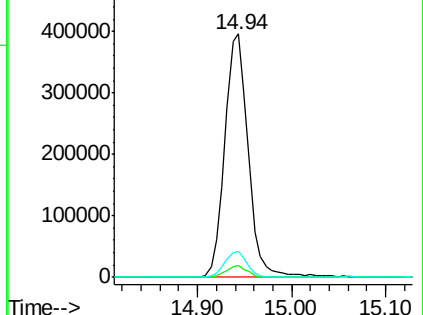
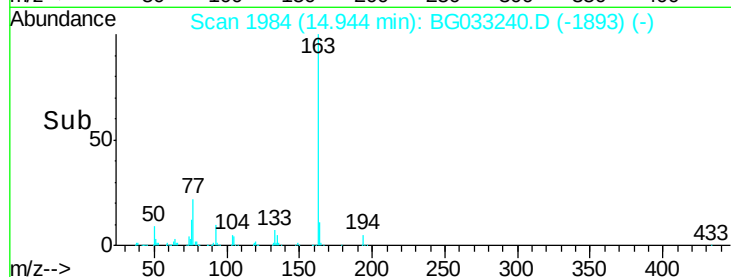
164 10.7 8.2 12.4



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: 146.288 ng

RT: 15.07 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

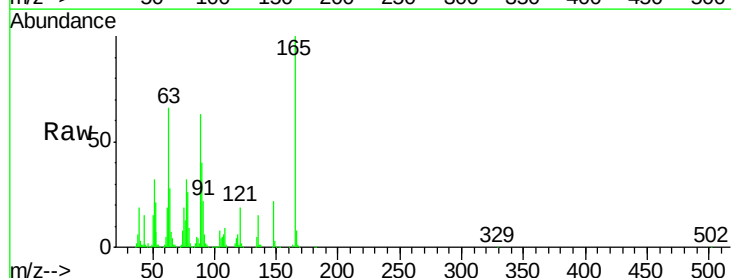
Tgt Ion:165 Resp: 305471

Ion Ratio Lower Upper

165 100

63 65.8 52.7 79.1

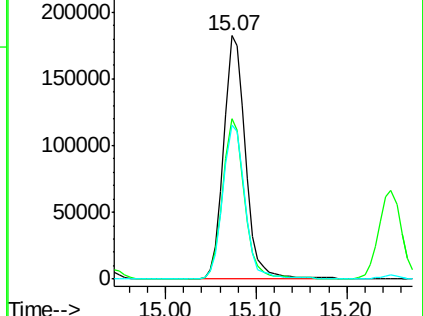
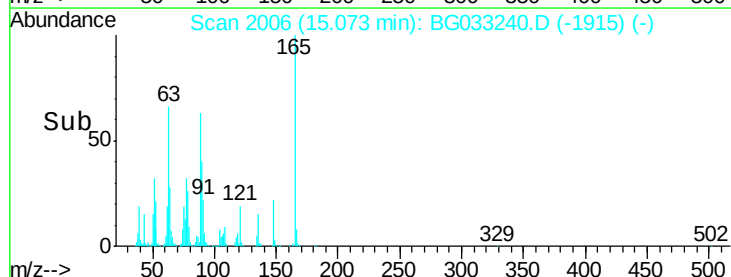
89 63.4 49.2 73.8

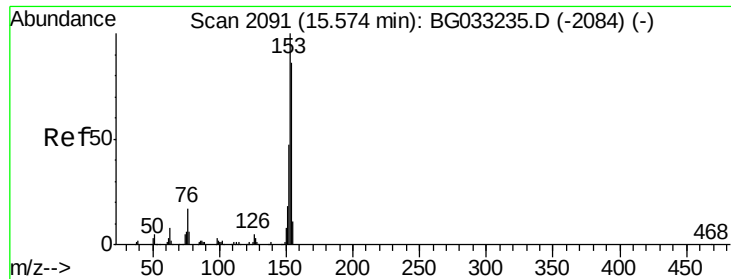


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 91.927 ng

RT: 15.58 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

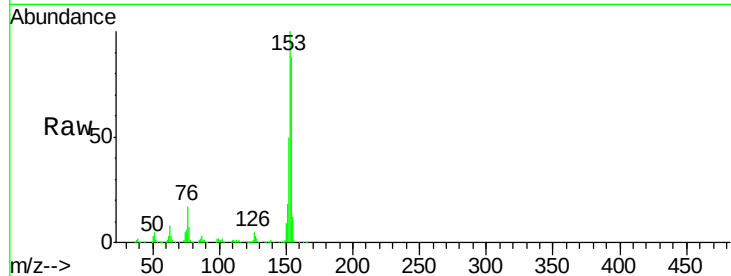
Tot Ion:154 Resp: 687603

Ion Ratio Lower Upper

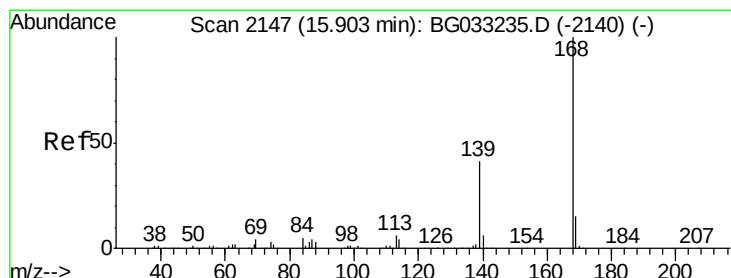
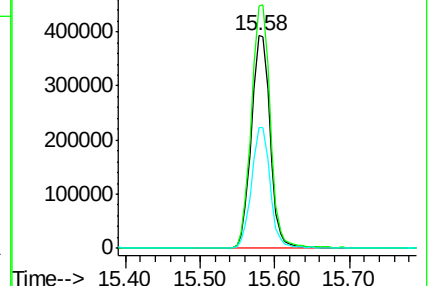
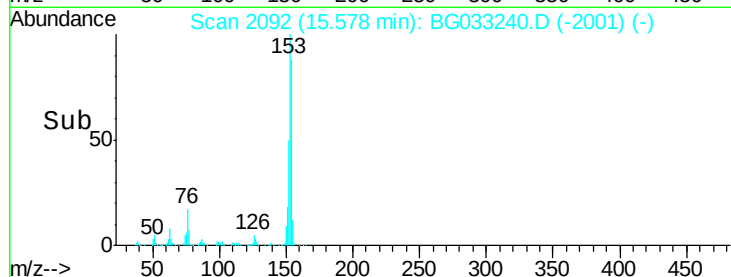
154 100

153 114.0 90.4 135.6

152 56.5 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: 67.201 ng

RT: 15.91 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

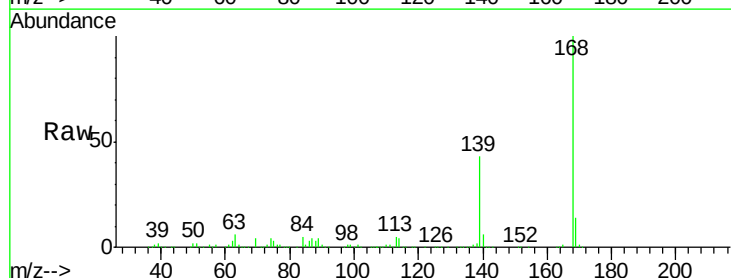
Tgt Ion:168 Resp: 742486

Ion Ratio Lower Upper

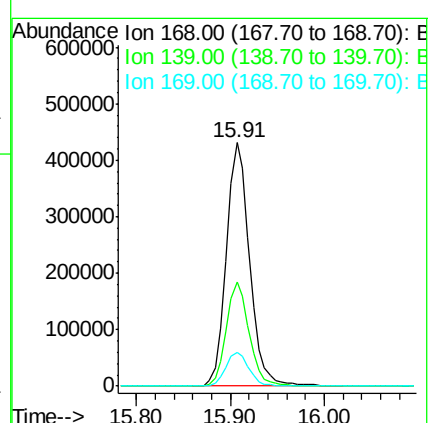
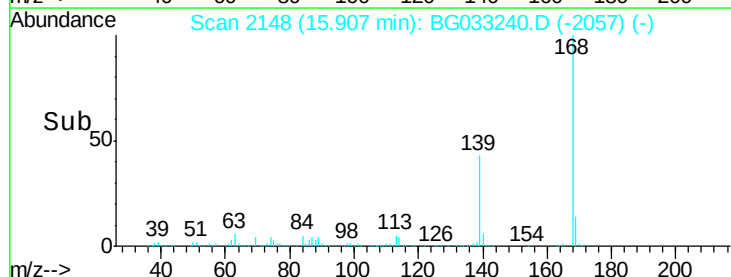
168 100

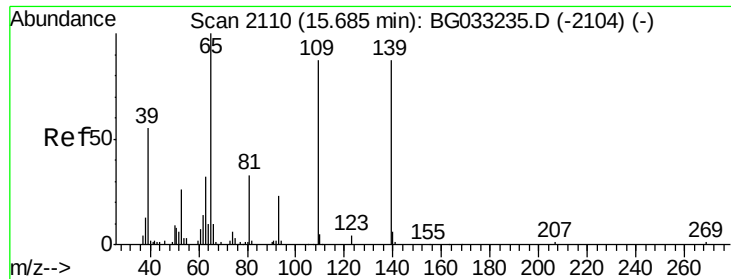
139 42.7 28.6 43.0

169 13.9 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

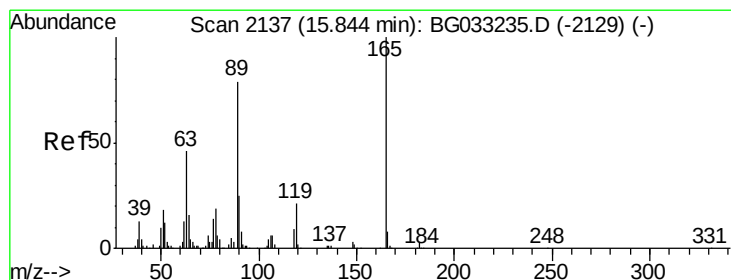
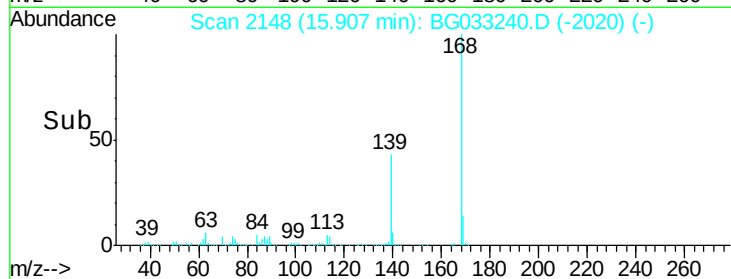
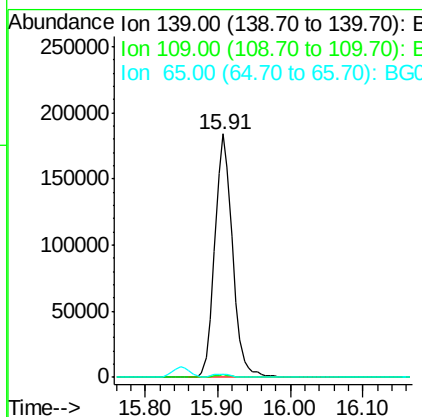
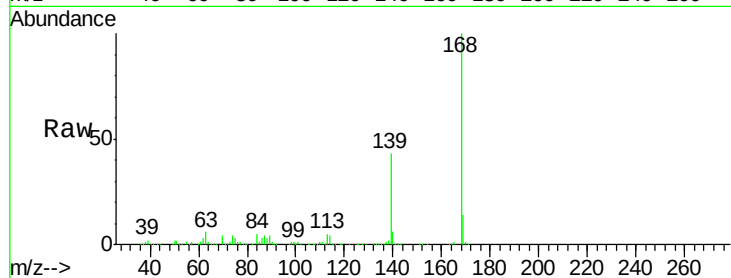




#55
4-Nitrophenol
Concen: 203.239 ng
RT: 15.91 min Scan# 2148
Delta R.T. 0.22 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

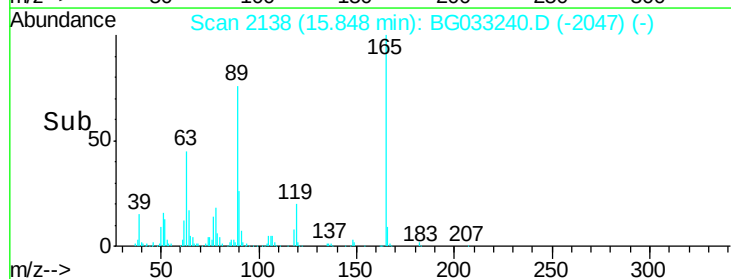
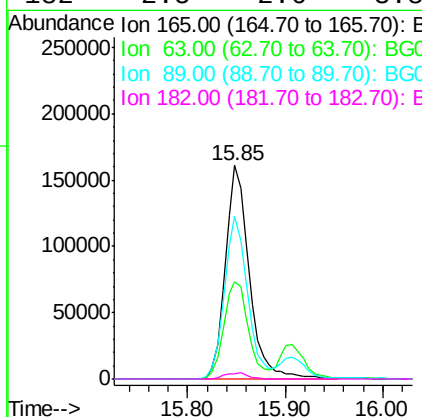
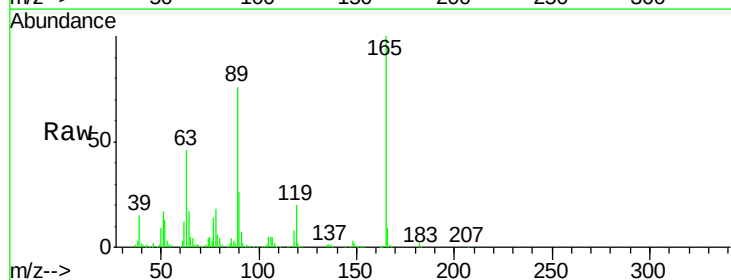
Instrument :
BNA_G
ClientSampleId :

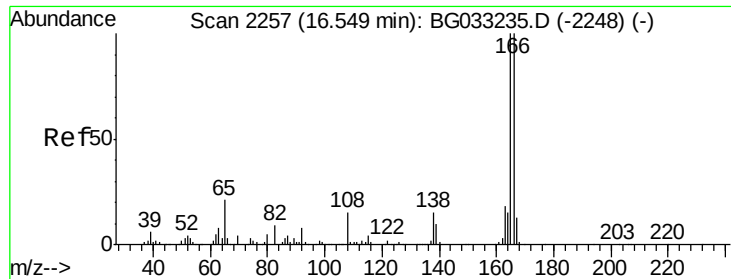
Tot Ion:139 Resp: 312865
Ion Ratio Lower Upper
139 100
109 1.0 62.2 102.2#
65 1.1 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 89.300 ng
RT: 15.85 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

Tgt Ion:165 Resp: 274560
Ion Ratio Lower Upper
165 100
63 45.7 42.0 63.0
89 75.9 66.9 100.3
182 2.5 2.6 3.8#





#57

Fluorene

Concen: 44.097 ng

RT: 16.55 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

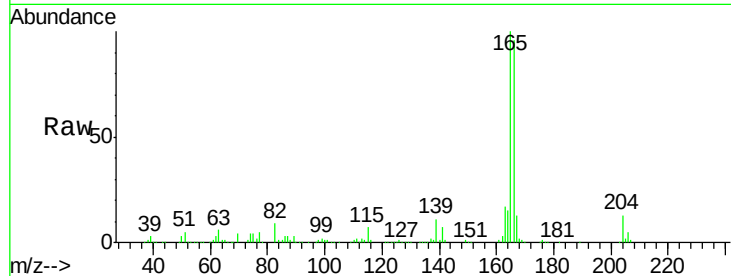
Tot Ion:166 Resp: 415073

Ion Ratio Lower Upper

166 100

165 104.1 80.6 121.0

167 13.2 10.4 15.6



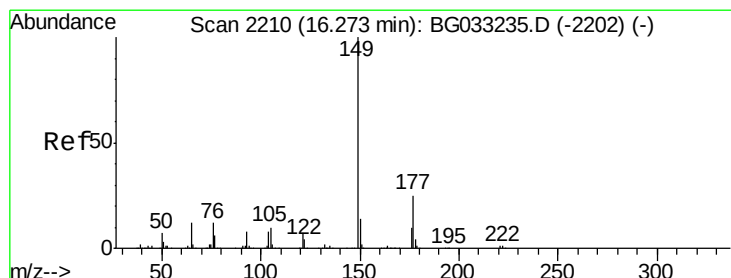
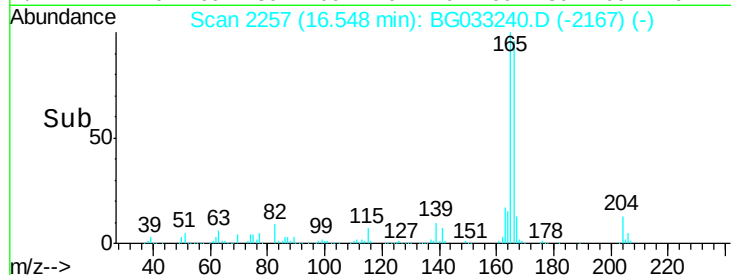
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

16.55

Time-->



#59

Diethylphthalate

Concen: 100.368 ng

RT: 16.28 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

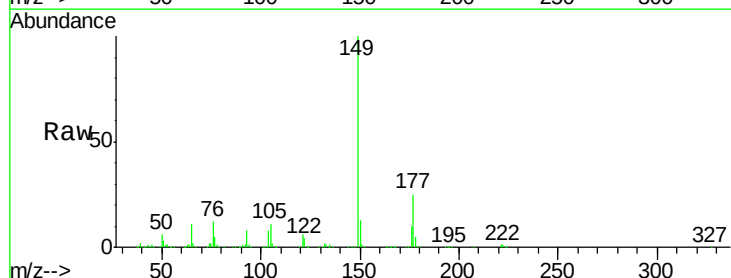
Tgt Ion:149 Resp: 995294

Ion Ratio Lower Upper

149 100

177 25.5 18.5 27.7

150 13.4 10.2 15.2



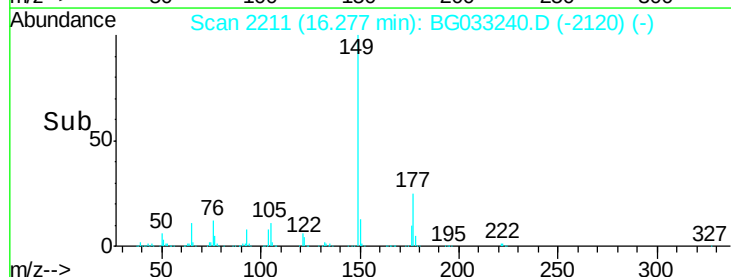
Abundance Ion 149.00 (148.70 to 149.70): E

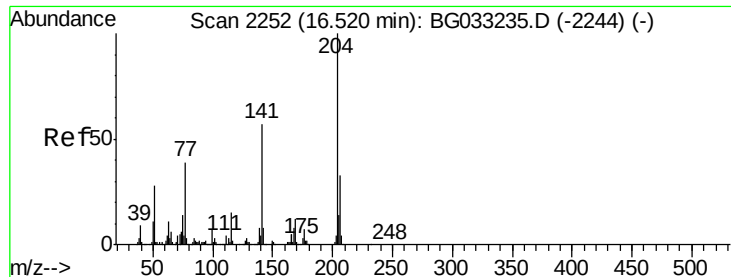
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

16.28

Time-->

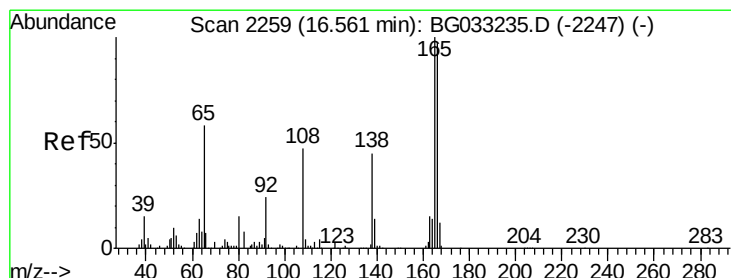
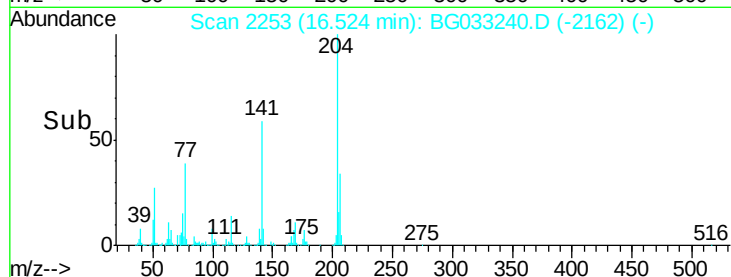
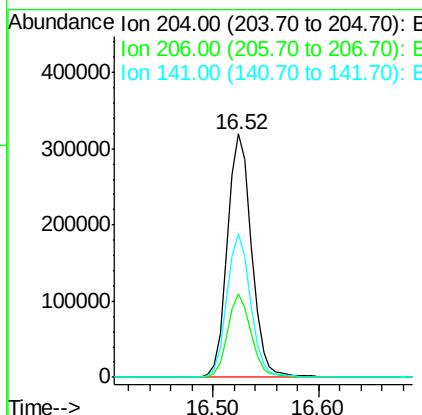
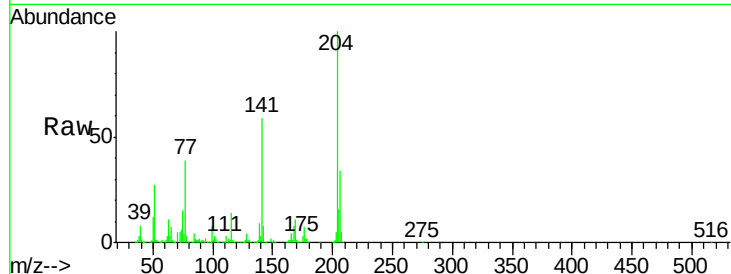




#60
 4-Chlorophenyl-phenylether
 Concen: 93.118 ng
 RT: 16.52 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

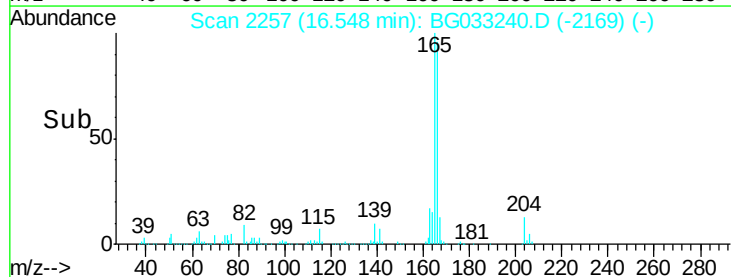
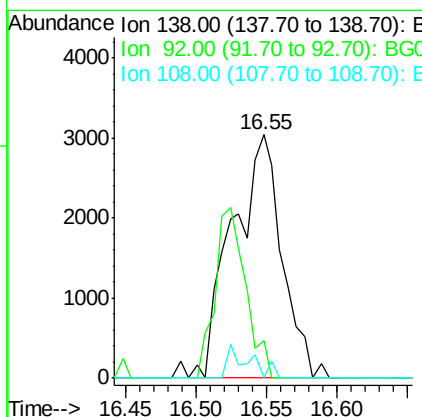
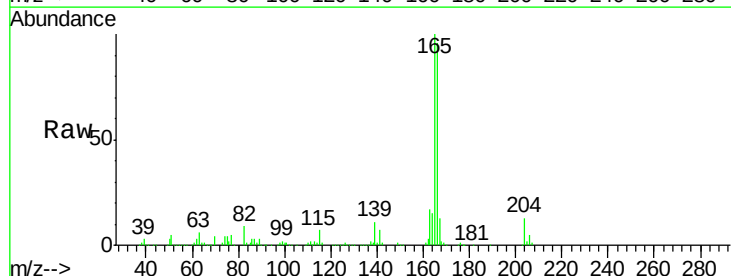
Instrument :
 BNA_G
 ClientSampleId :

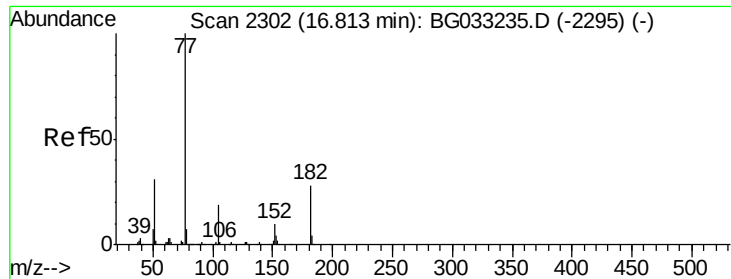
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	59.3	45.8	68.6



#61
 4-Nitroaniline
 Concen: 3.362 ng
 RT: 16.55 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	15.3	40.1	80.1#
108	0.0	65.4	105.4#





#62

Azobenzene

Concen: 20.683 ng

RT: 16.52 min Scan# 2253

Delta R.T. -0.29 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 198679

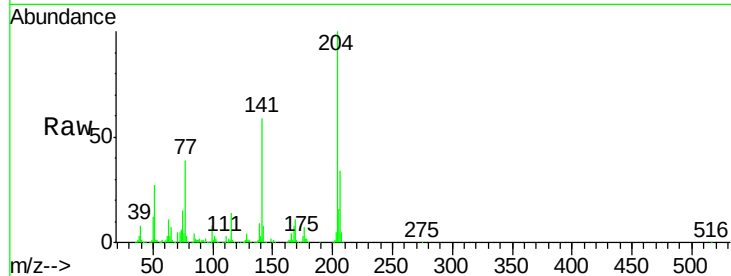
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.2 0.3 40.3#

51 68.9 11.6 51.6#



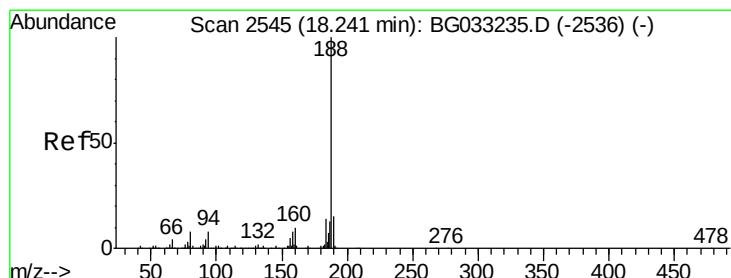
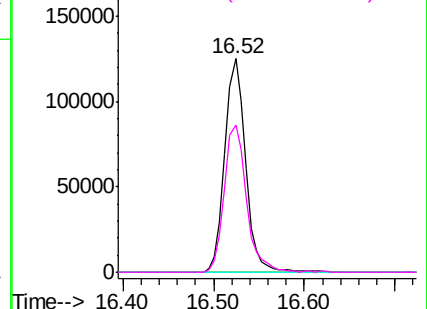
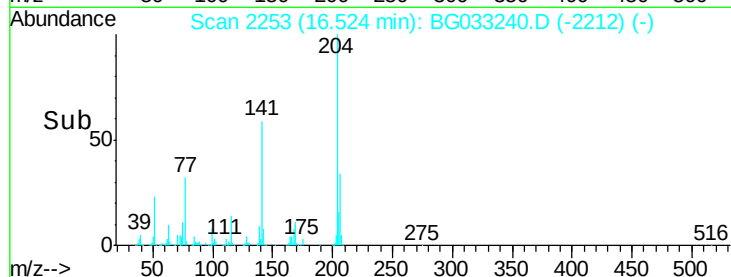
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

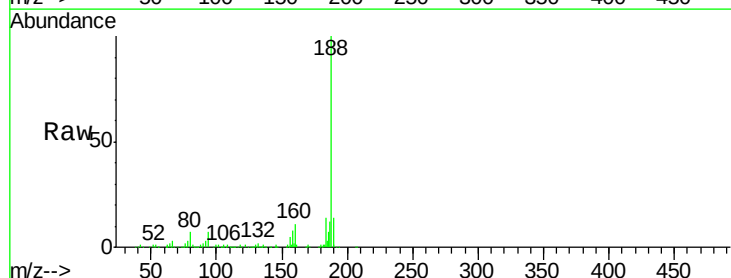
Tgt Ion: 188 Resp: 312756

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

80 7.4 7.7 11.5#

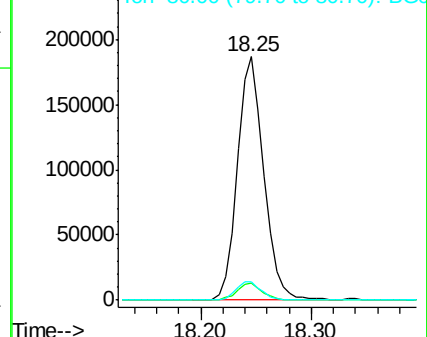
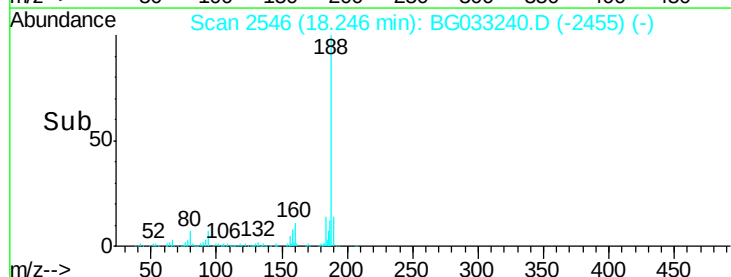


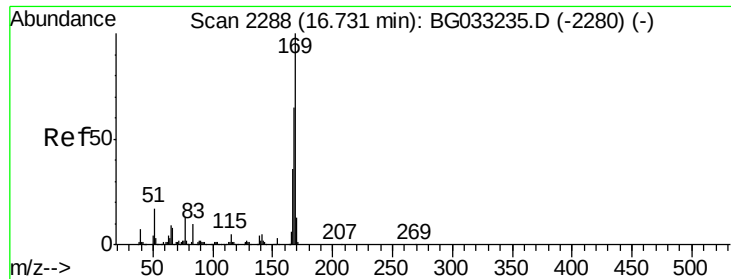
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

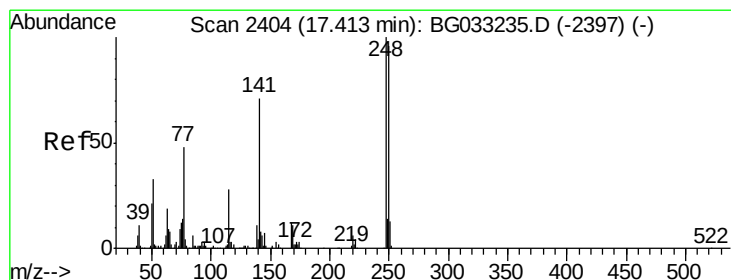
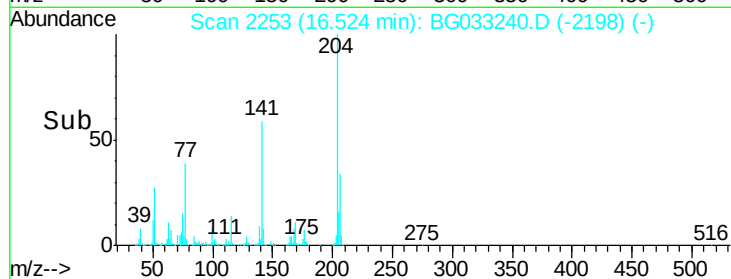
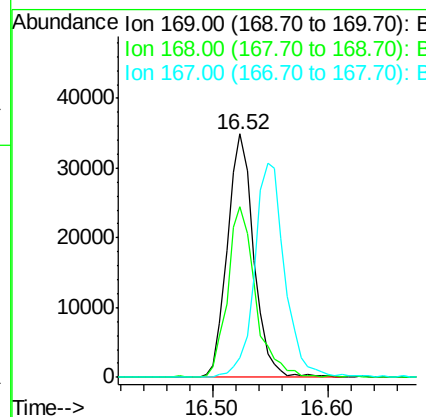
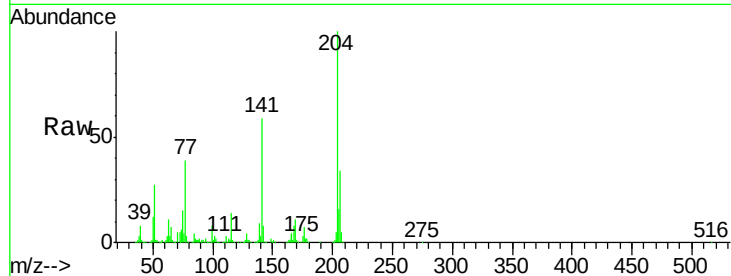




#65
 n-Nitrosodiphenylamine
 Concen: 6.168 ng
 RT: 16.52 min Scan# 2253
 Delta R.T. -0.21 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

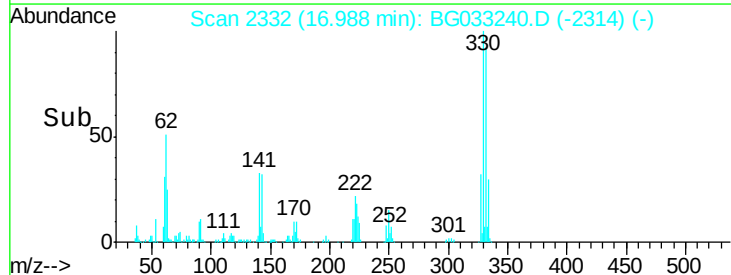
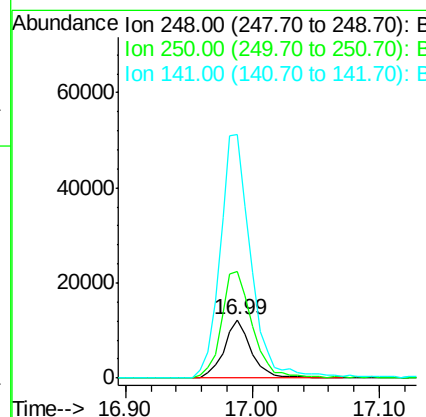
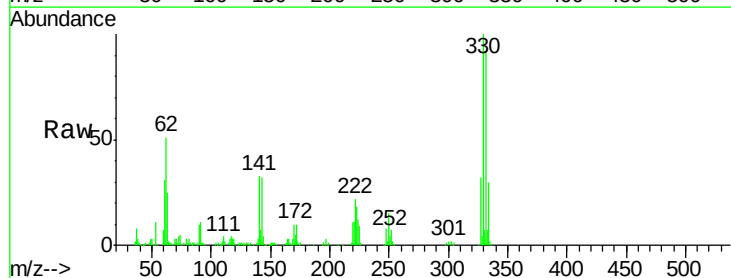
Instrument :
 BNA_G
 ClientSampleId :

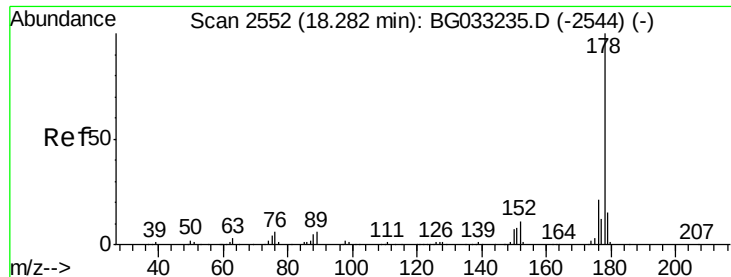
Tot Ion:169 Resp: 55069
 Ion Ratio Lower Upper
 169 100
 168 70.1 55.7 83.5
 167 8.2 30.1 45.1#



#66
 4-Bromophenyl-phenylether
 Concen: 4.966 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.42 min
 Lab File: BG033240.D
 Acq: 19 Mar 2018 14:51

Tgt Ion:248 Resp: 18239
 Ion Ratio Lower Upper
 248 100
 250 182.4 77.1 115.7#
 141 415.7 50.8 76.2#





#70

Phenanthrene

Concen: 74.824 ng

RT: 18.29 min Scan# 2553

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

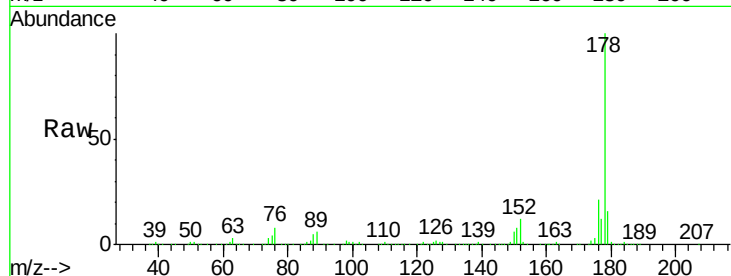
Tot Ion:178 Resp: 1218755

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

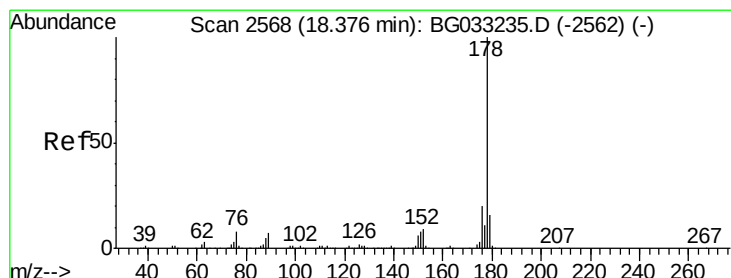
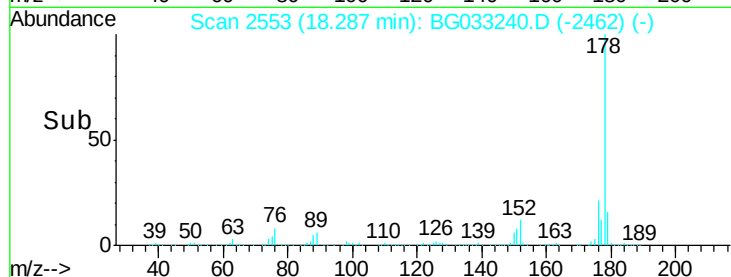
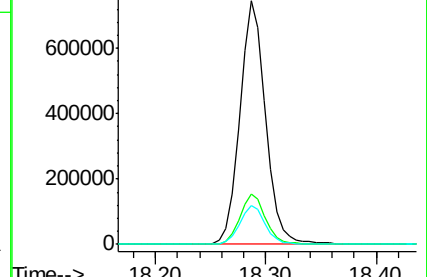
179 15.9 12.5 18.7



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: 73.898 ng

RT: 18.29 min Scan# 2553

Delta R.T. -0.09 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

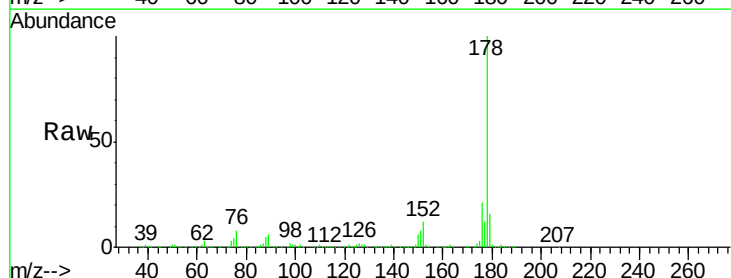
Tgt Ion:178 Resp: 1218755

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

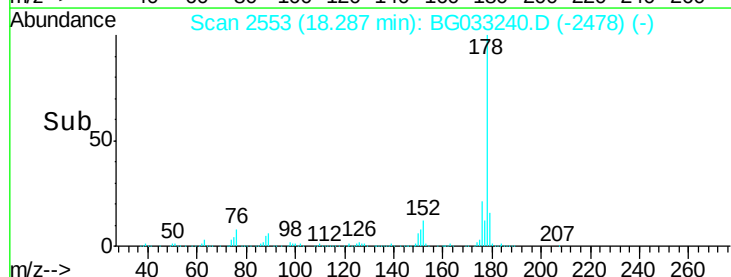
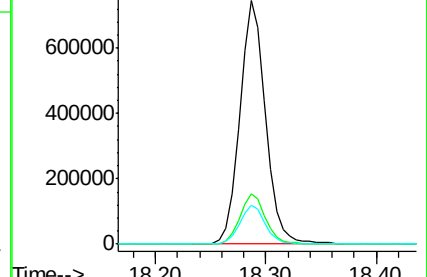
179 15.9 12.5 18.7

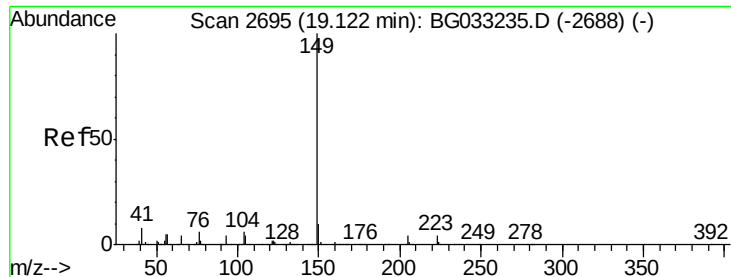


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 121.596 ng

RT: 19.13 min Scan# 2697

Delta R.T. 0.01 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

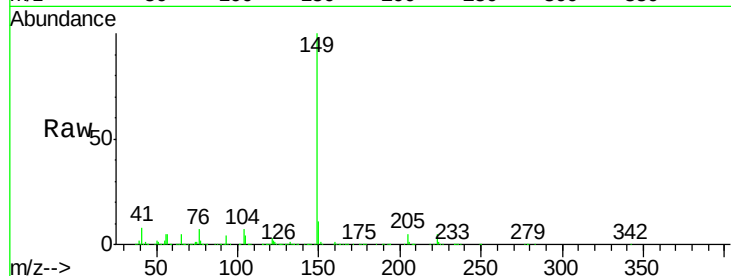
Tot Ion:149 Resp: 2068441

Ion Ratio Lower Upper

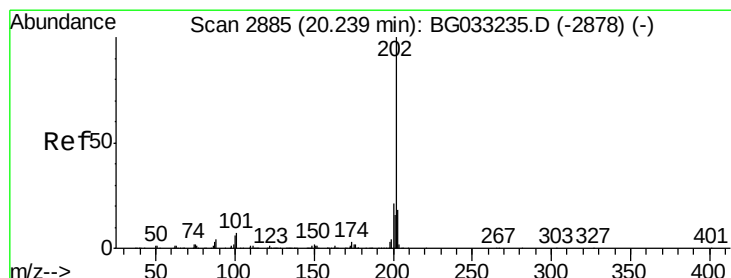
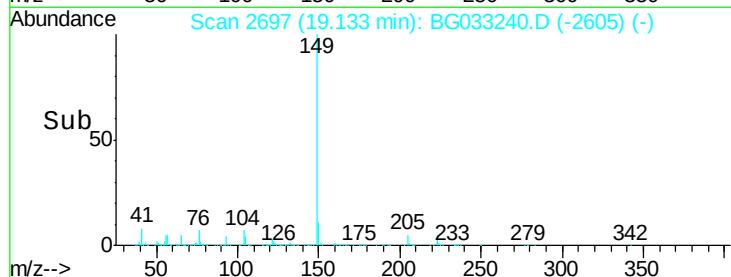
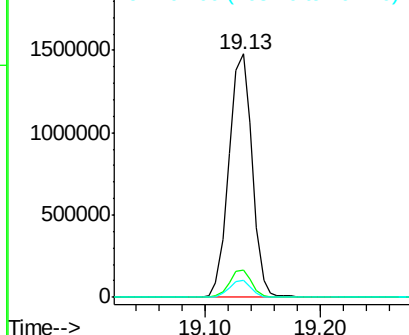
149 100

150 11.4 7.8 11.6

104 6.9 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: 95.695 ng

RT: 20.24 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

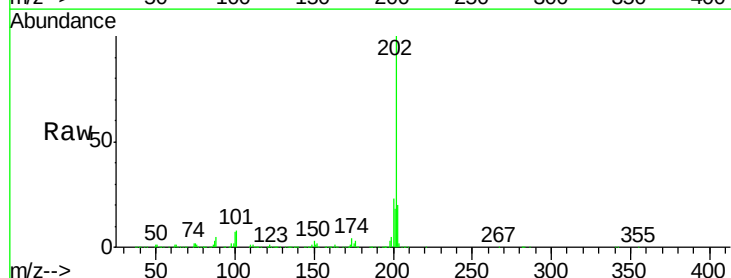
Tgt Ion:202 Resp: 1928892

Ion Ratio Lower Upper

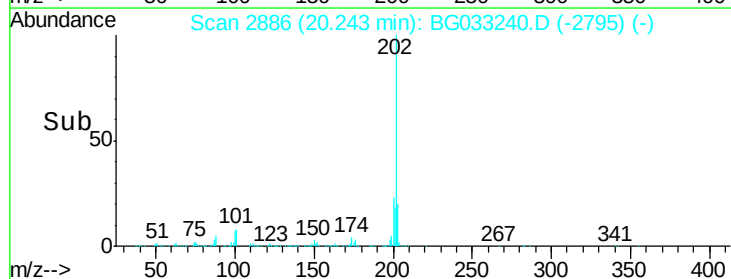
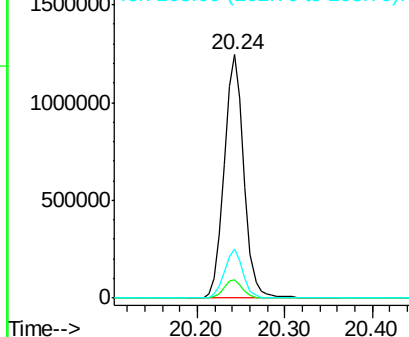
202 100

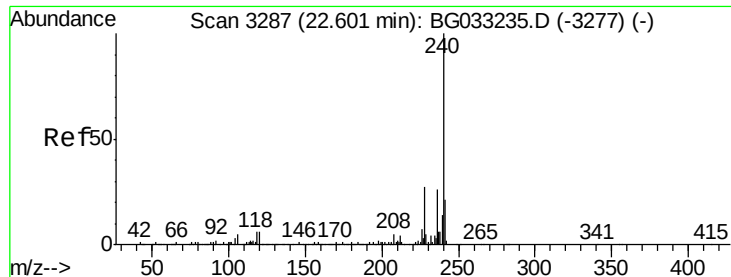
101 7.7 0.0 28.9

203 20.0 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: 22.60 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

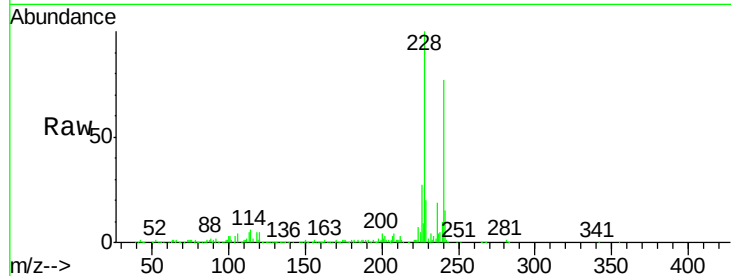
Tot Ion:240 Resp: 309927

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

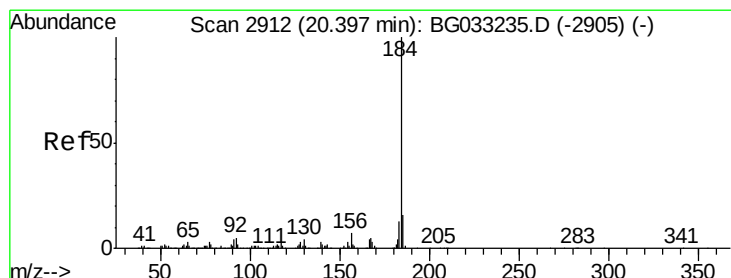
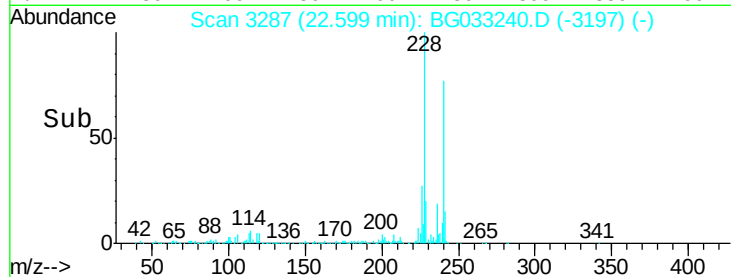
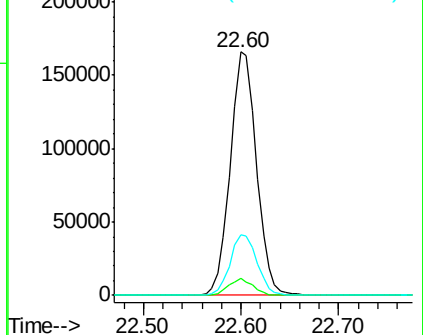
236 24.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.671 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

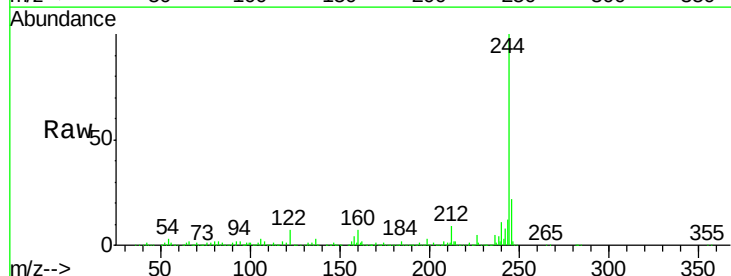
Tgt Ion:184 Resp: 22447

Ion Ratio Lower Upper

184 100

185 17.7 11.1 16.7#

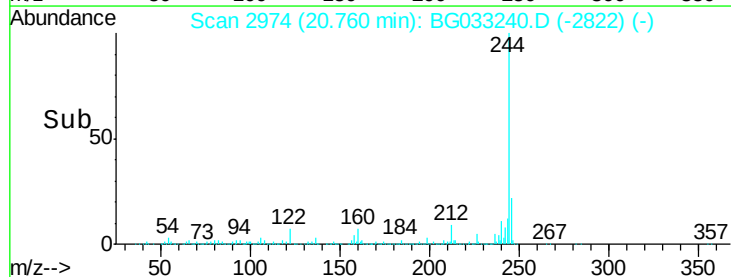
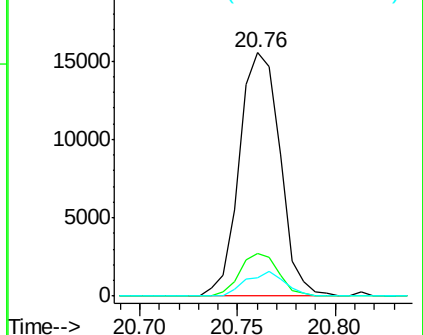
183 7.4 10.6 16.0#

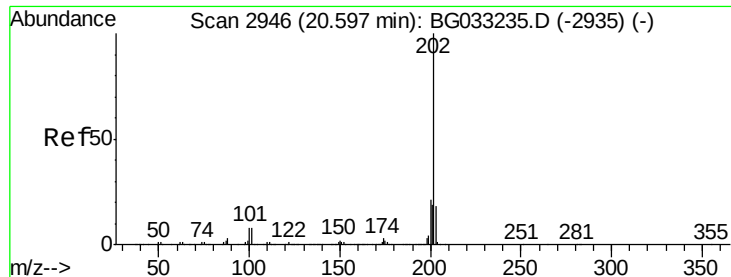


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 56.171 ng

RT: 20.60 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

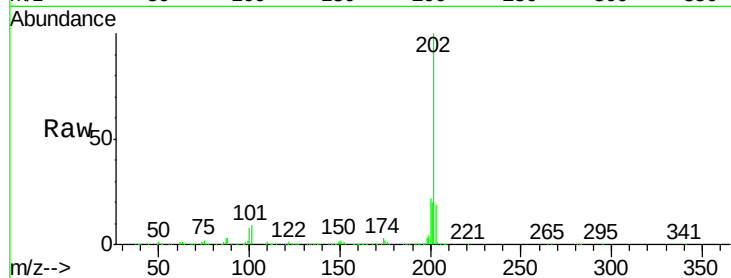
Tot Ion:202 Resp: 1161085

Ion Ratio Lower Upper

202 100

200 22.3 16.9 25.3

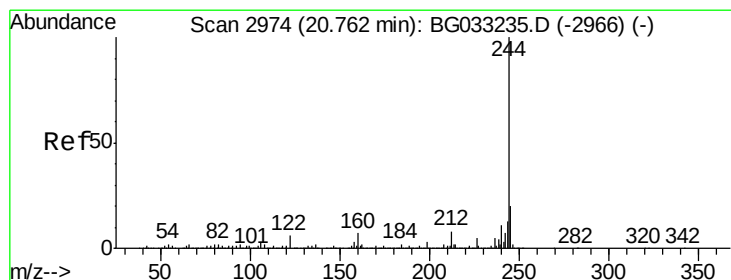
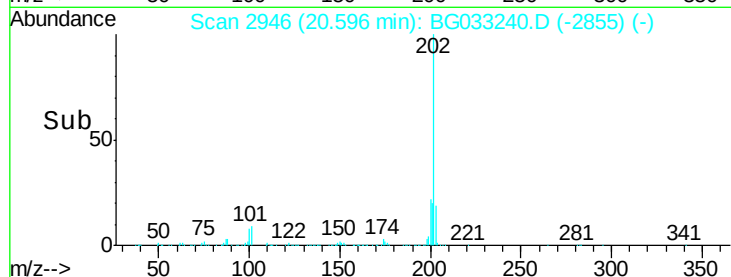
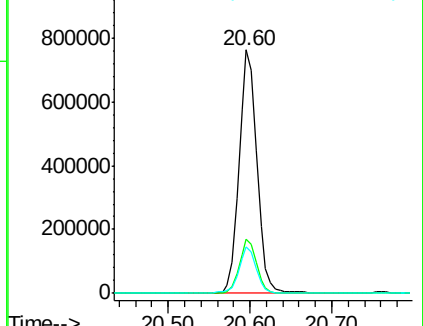
203 19.4 13.9 20.9



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: 97.744 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

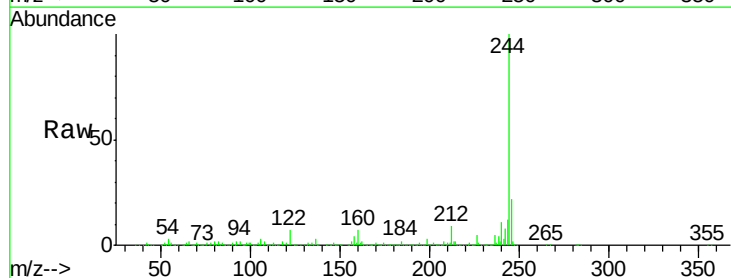
Tgt Ion:244 Resp: 1416514

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

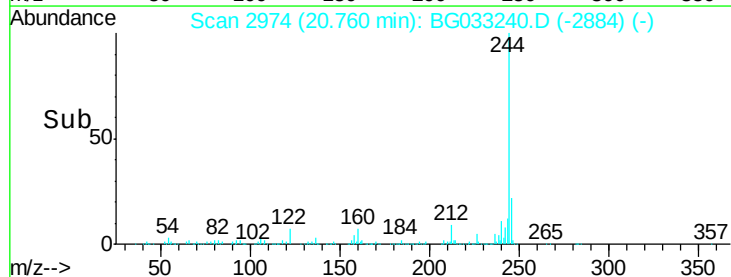
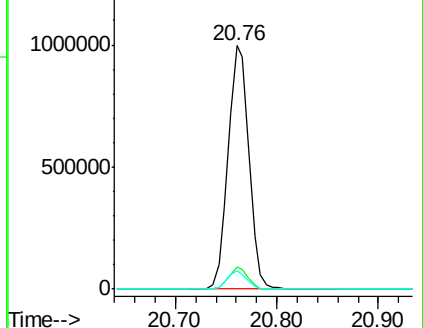
122 7.3 7.0 10.4

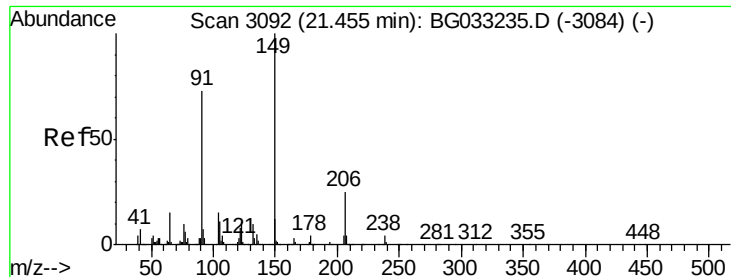


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

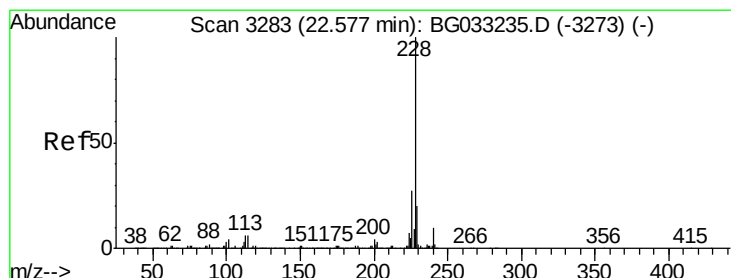
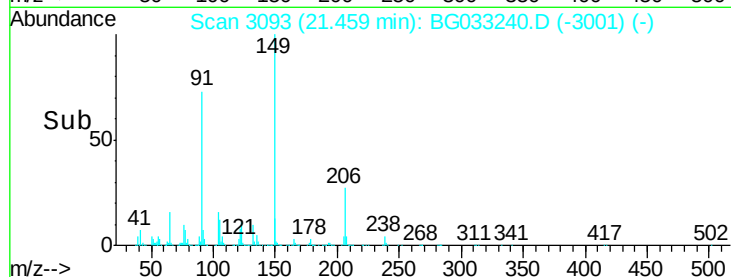
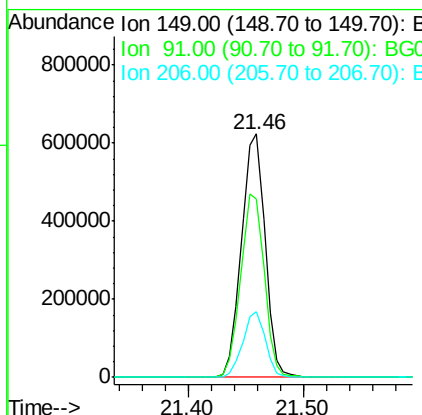
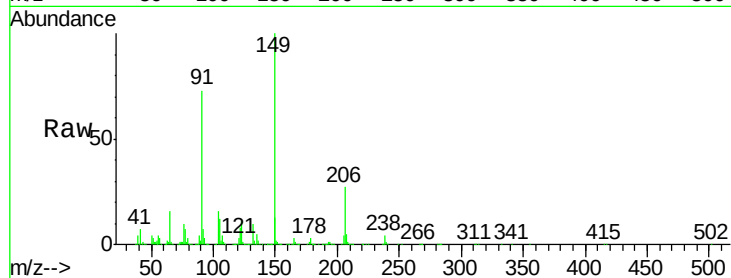




#79
Butylbenzylphthalate
Concen: 116.502 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

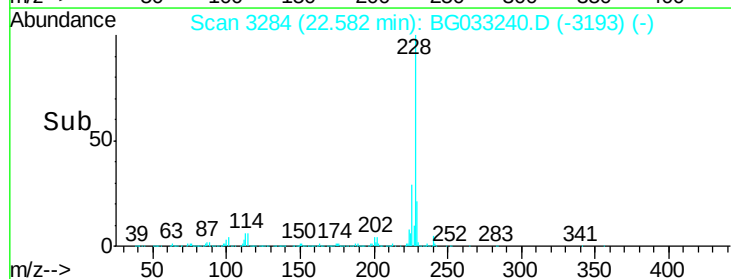
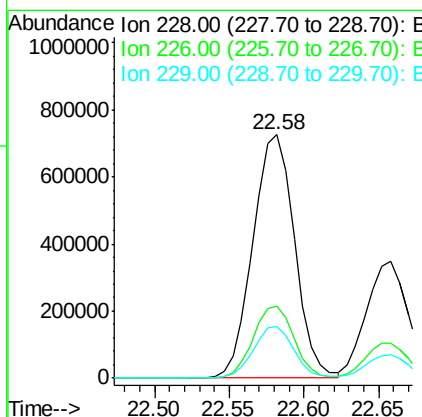
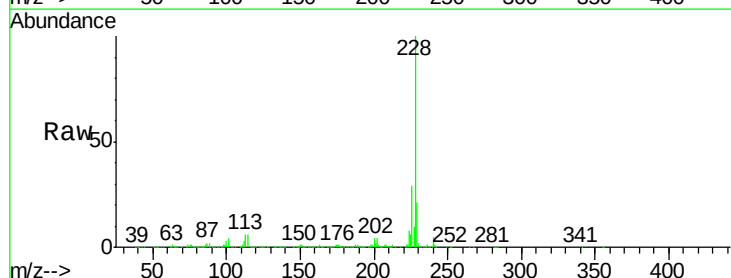
Instrument :
BNA_G
ClientSampleId :

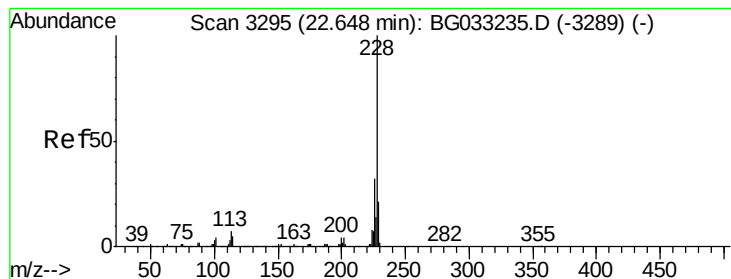
Tot Ion:149 Resp: 888655
Ion Ratio Lower Upper
149 100
91 73.1 62.2 93.2
206 27.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 71.176 ng
RT: 22.58 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

Tgt Ion:228 Resp: 1404639
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 21.3 16.2 24.2





#82

Chrysene

Concen: 35.247 ng

RT: 22.66 min Scan# 3297

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampled :

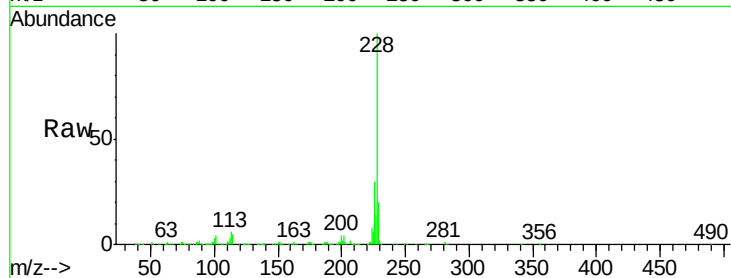
Tot Ion:228 Resp: 673347

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

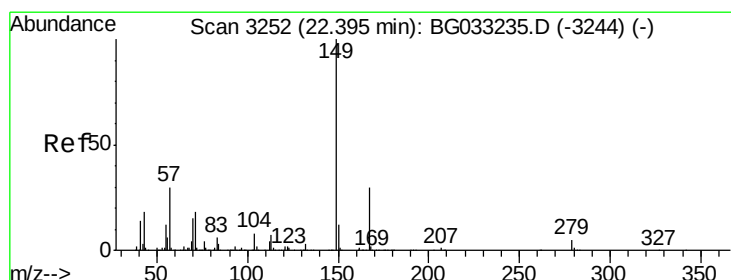
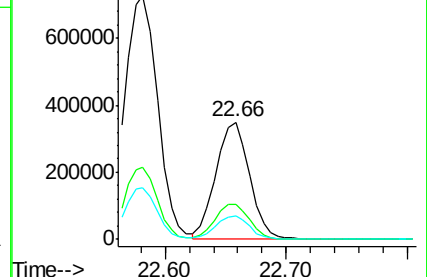
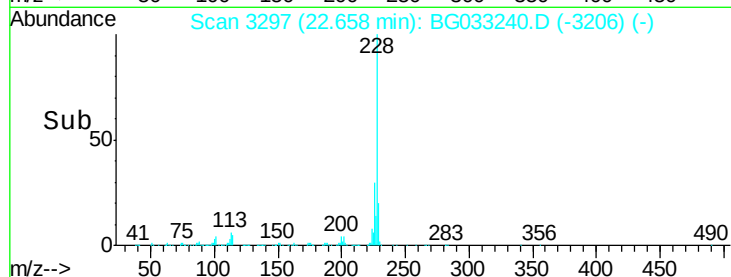
229 20.3 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.857 ng

RT: 22.40 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

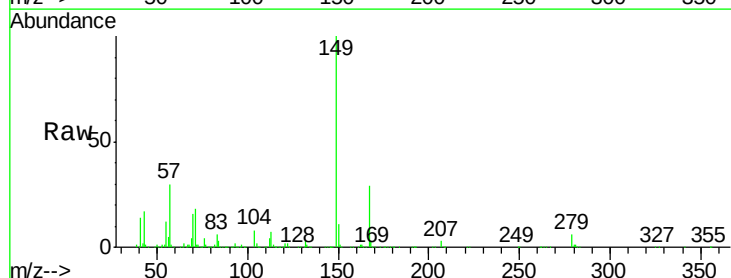
Tgt Ion:149 Resp: 429608

Ion Ratio Lower Upper

149 100

167 29.3 24.3 36.5

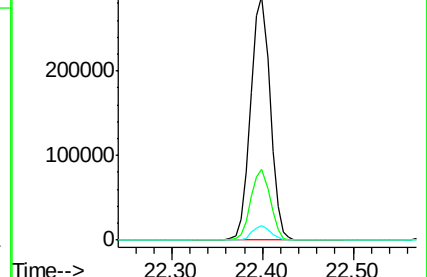
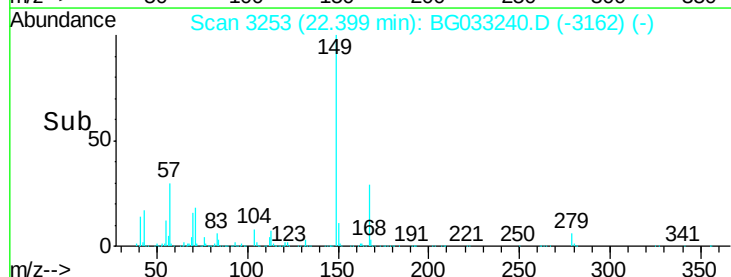
279 5.8 4.0 6.0

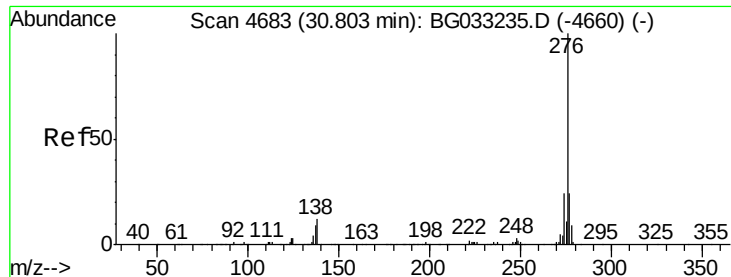


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 74.654 ng

RT: 30.83 min Scan# 4688

Delta R.T. 0.03 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

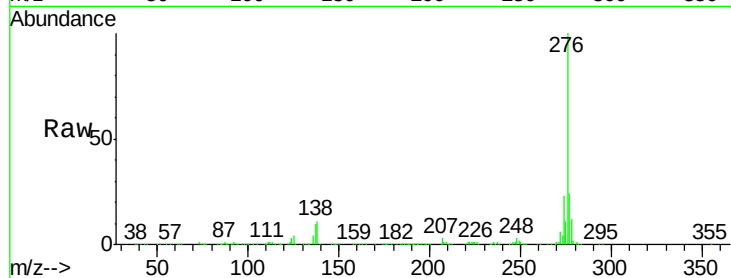
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1541927

Ion	Ratio	Lower	Upper
276	100		
138	14.7	16.0	24.0#
277	25.6	20.0	30.0

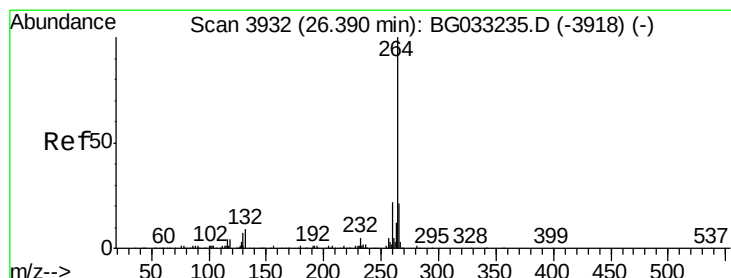
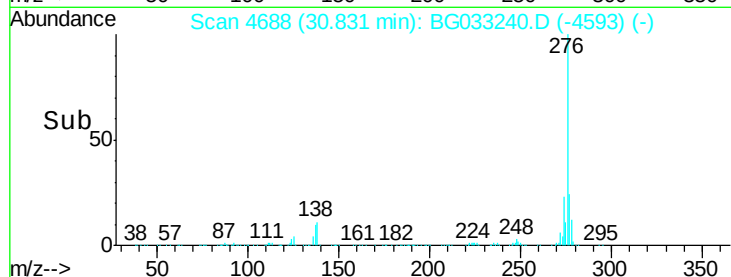
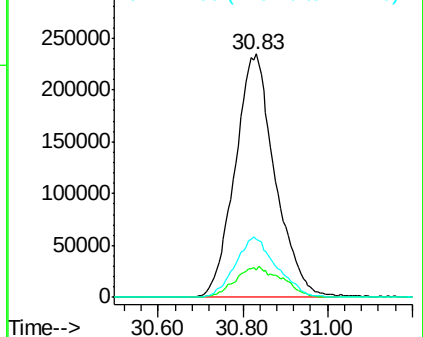


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3934

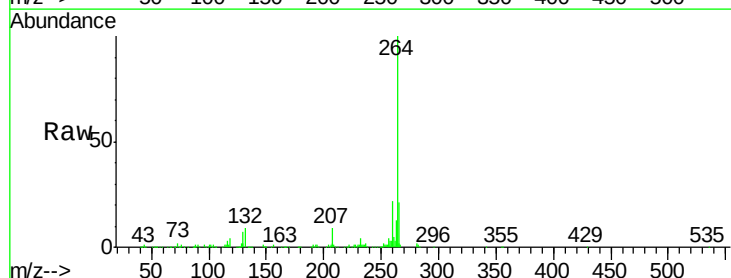
Delta R.T. 0.00 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Tgt Ion:264 Resp: 329516

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	21.3	17.7	26.5

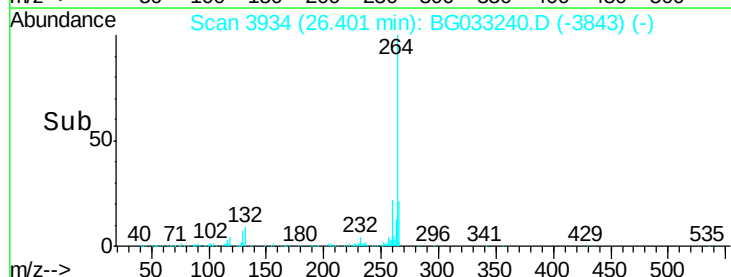
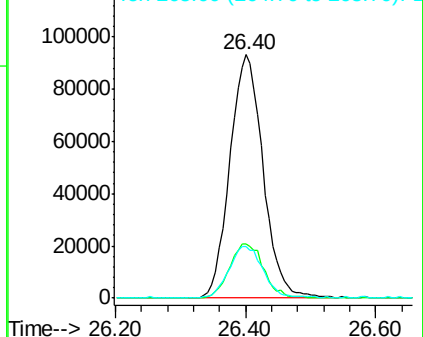


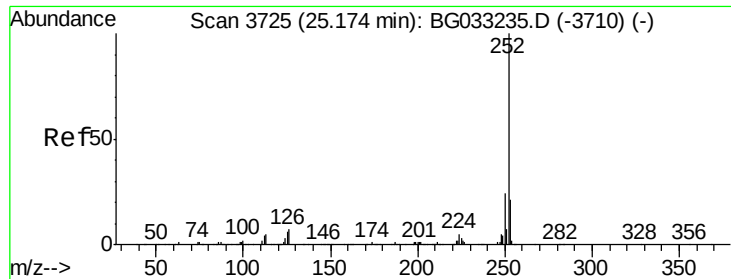
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

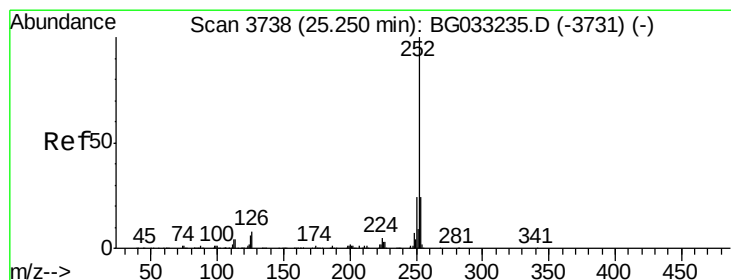
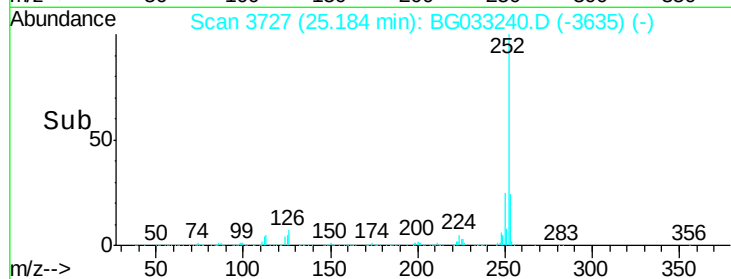
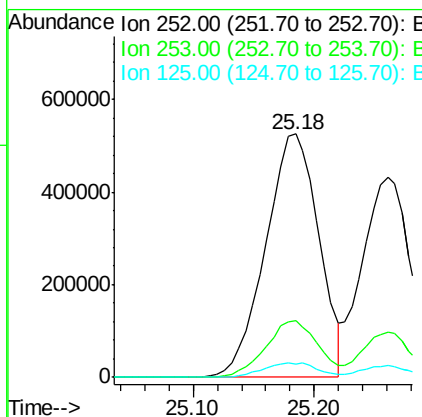
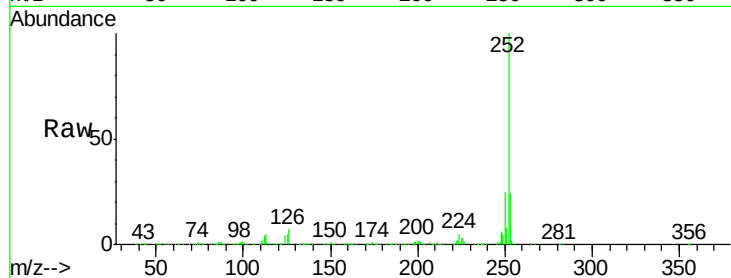




#87
Benzo(b)fluoranthene
Concen: 84.040 ng
RT: 25.18 min Scan# 3727
Delta R.T. 0.01 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

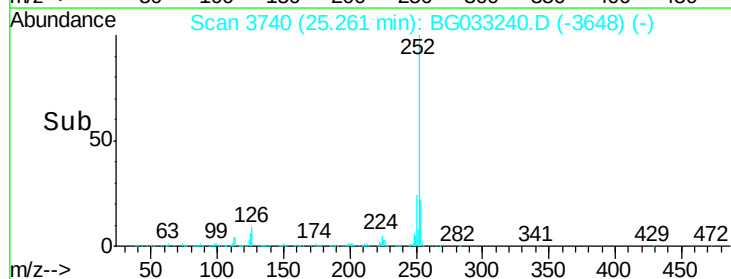
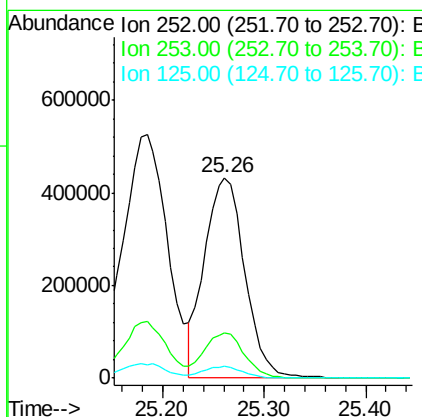
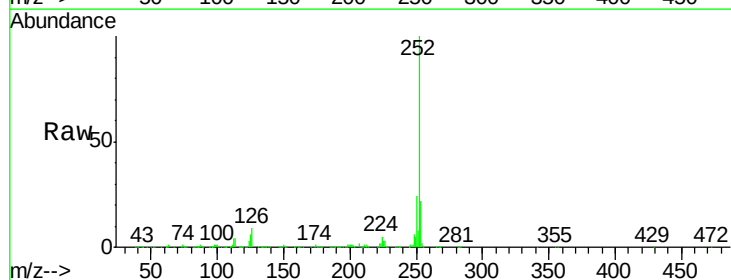
Instrument :
BNA_G
ClientSampleId :

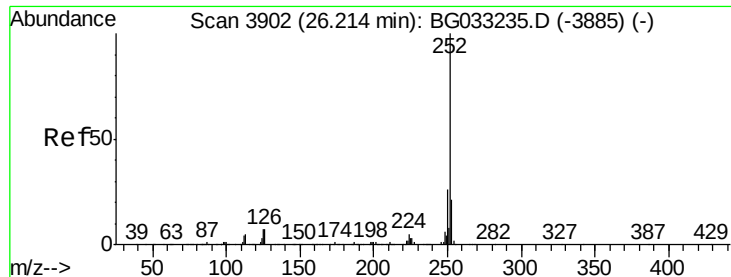
Tot Ion:252 Resp: 1599924
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 5.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 61.481 ng
RT: 25.26 min Scan# 3740
Delta R.T. 0.01 min
Lab File: BG033240.D
Acq: 19 Mar 2018 14:51

Tgt Ion:252 Resp: 1183786
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 5.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 128.251 ng

RT: 26.23 min Scan# 3905

Delta R.T. 0.02 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

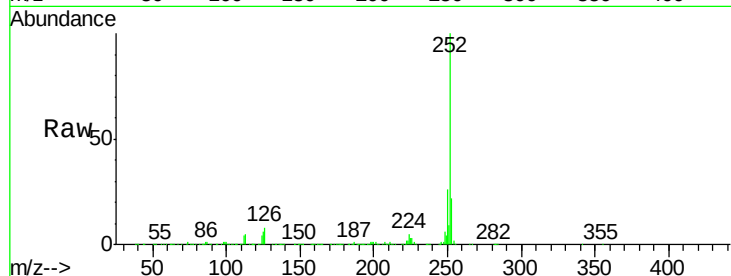
Tot Ion:252 Resp: 2344743

Ion Ratio Lower Upper

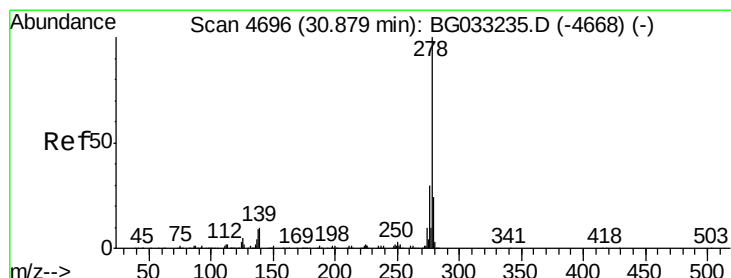
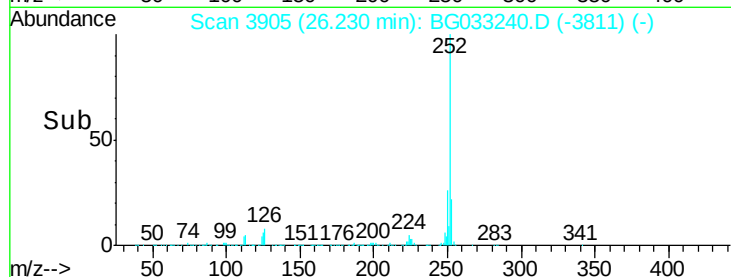
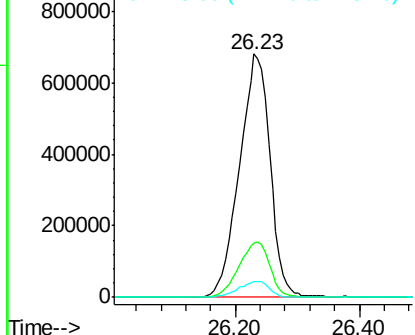
252 100

253 22.2 18.3 27.5

125 6.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.827 ng

RT: 30.90 min Scan# 4700

Delta R.T. 0.02 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

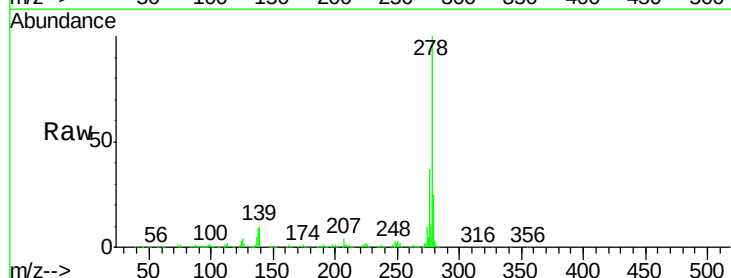
Tgt Ion:278 Resp: 926970

Ion Ratio Lower Upper

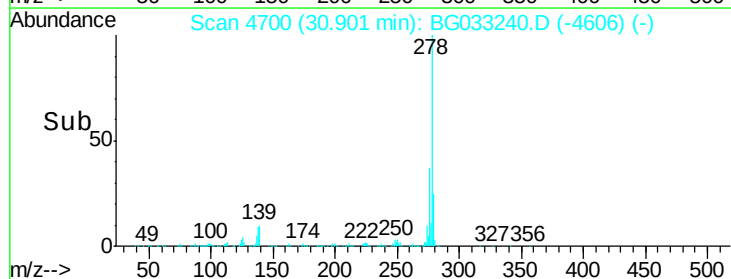
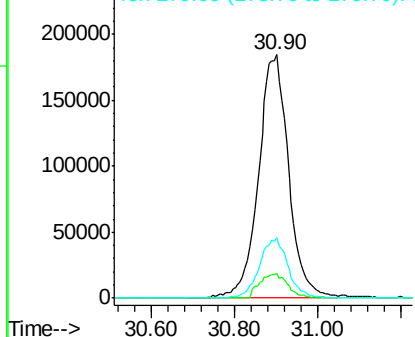
278 100

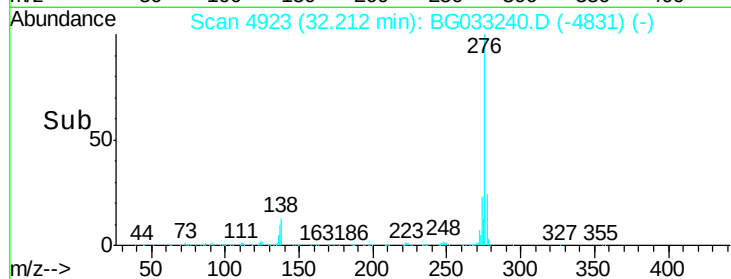
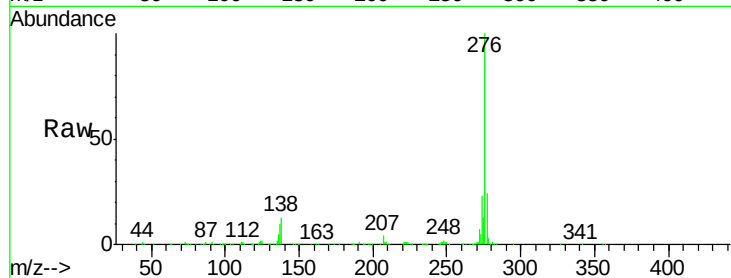
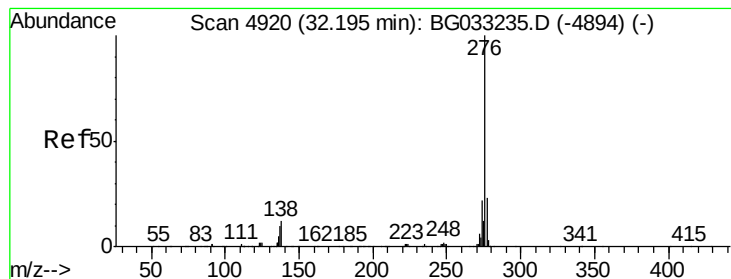
139 10.0 9.8 14.6

279 24.9 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 63.471 ng

RT: 32.21 min Scan# 4923

Delta R.T. 0.01 min

Lab File: BG033240.D

Acq: 19 Mar 2018 14:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1082383

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 13.2 13.9 20.9#

