

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033253.D
 Acq On : 19 Mar 2018 23:29
 Operator : SJ/JU
 Sample : J1953-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 03:40:46 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	36342	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	157832	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	122045	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	332697	20.00	ng	0.00
75) Chrysene-d12	22.60	240	341593	20.00	ng	0.00
86) Perylene-d12	26.39	264	352055	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	82948	42.80	ng	0.00
7) Phenol-d6	8.00	99	72886	21.89	ng	0.00
23) Nitrobenzene-d5	10.09	82	351574	102.34	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	191566	104.95	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	852863	100.88	ng	0.00
78) Terphenyl-d14	20.76	244	1412501	88.43	ng	0.00

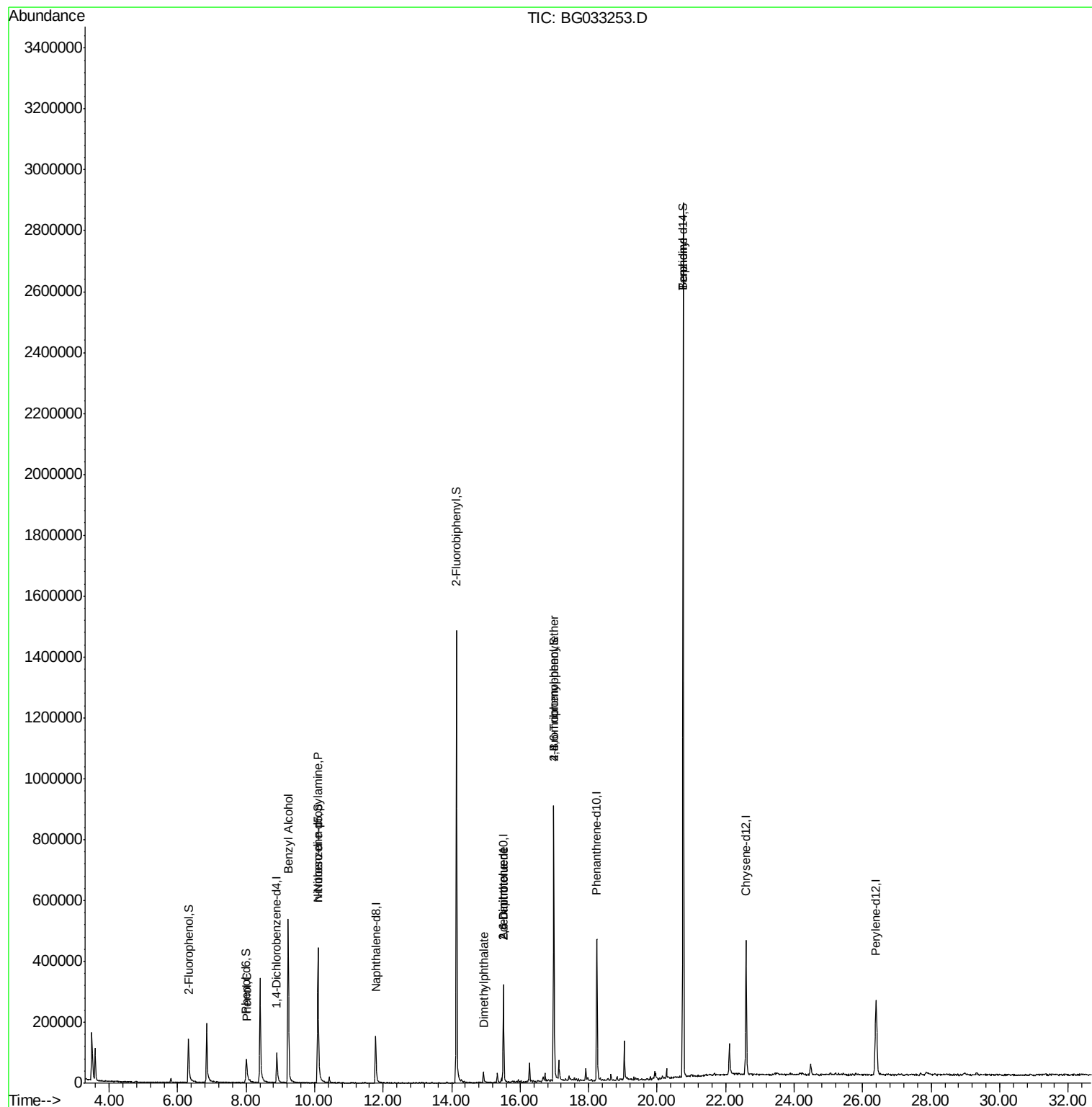
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	8.03	94	9120	2.774	ng	85
15) Benzyl Alcohol	9.23	79	5936	2.264	ng	# 52
19) n-Nitroso-di-n-propylamine	10.09	70	49490	20.281	ng	# 75
49) Dimethylphthalate	14.93	163	25014	2.355	ng	97
50) 2,6-Dinitrotoluene	15.51	165	16124	7.424	ng	# 22
56) 2,4-Dinitrotoluene	15.51	165	16126	5.043	ng	# 19
66) 4-Bromophenyl-phenylether	16.99	248	13207	3.380	ng	# 1
76) Benzidine	20.76	184	24434	2.638	ng	97

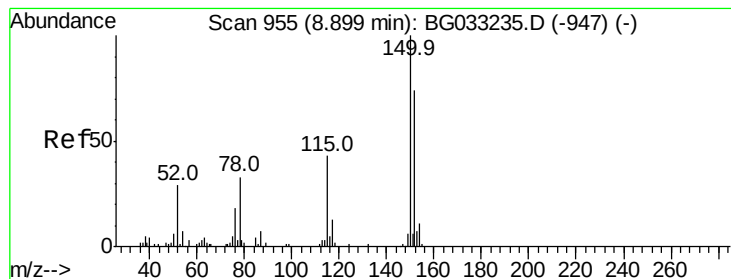
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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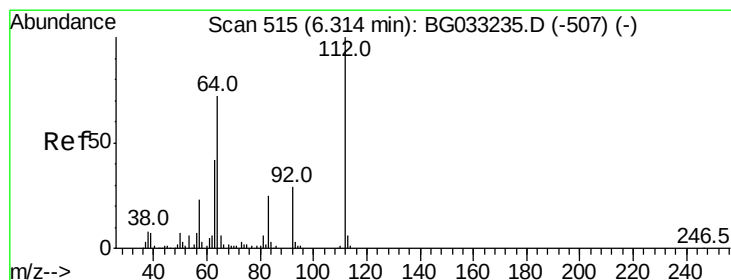
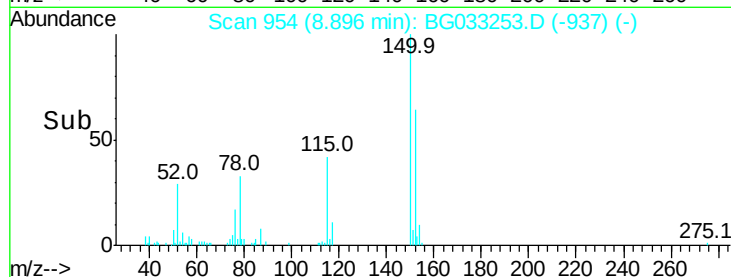
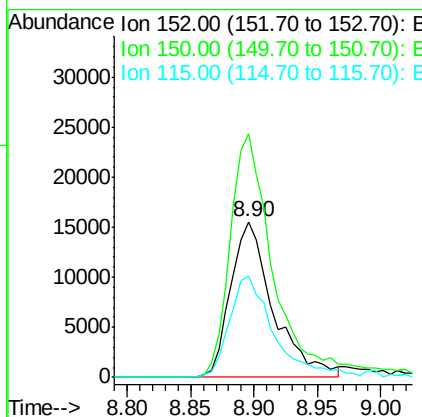
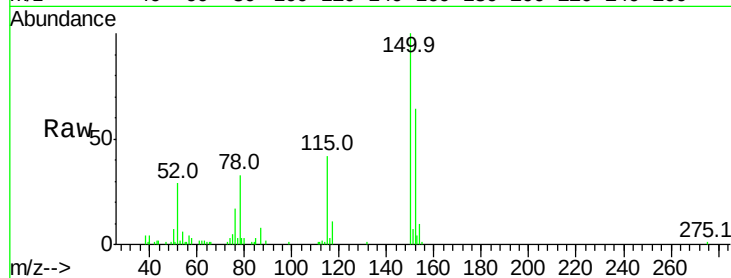


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Instrument :
BNA_G
ClientSampleId :

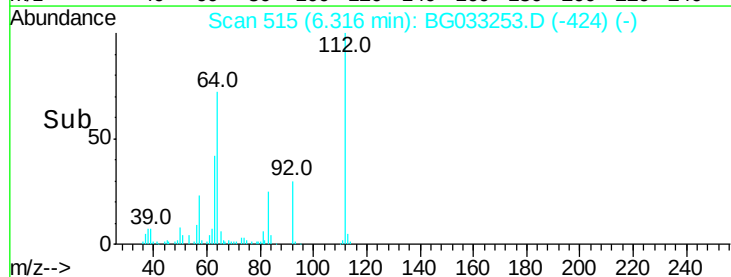
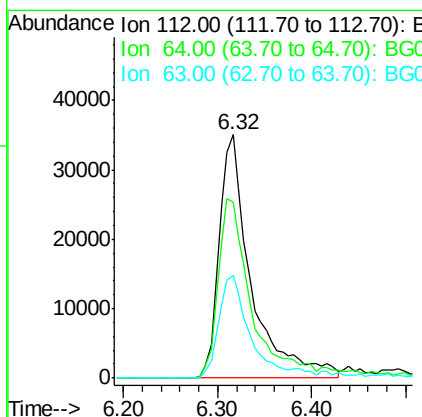
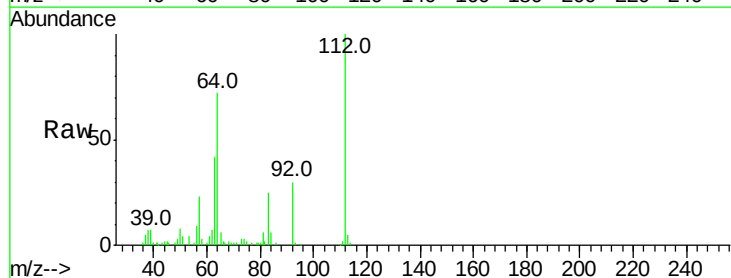
Tot Ion:152 Resp: 36342
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 65.2 53.0 79.4

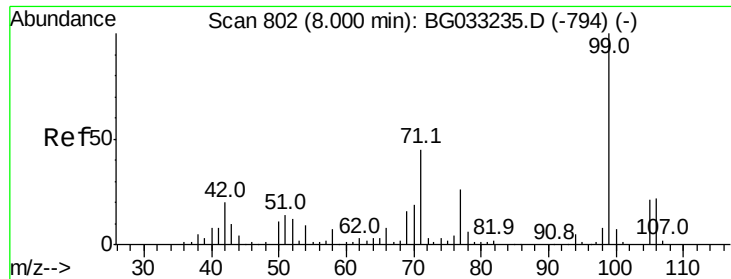


#5

2-Fluorophenol
Concen: 42.798 ng
RT: 6.32 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion:112 Resp: 82948
Ion Ratio Lower Upper
112 100
64 72.0 56.3 84.5
63 42.2 30.1 45.1





#7

Phenol-d6

Concen: 21.887 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

Instrument :

BNA_G

ClientSampleId :

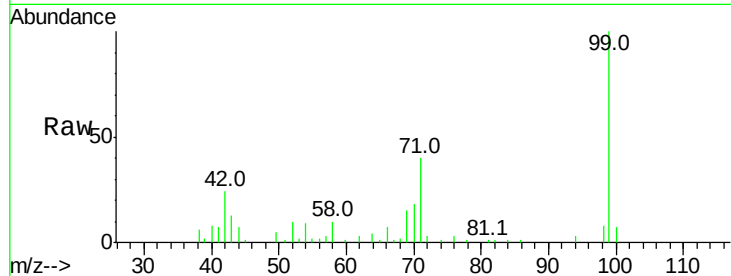
Tot Ion: 99 Resp: 72886

Ion Ratio Lower Upper

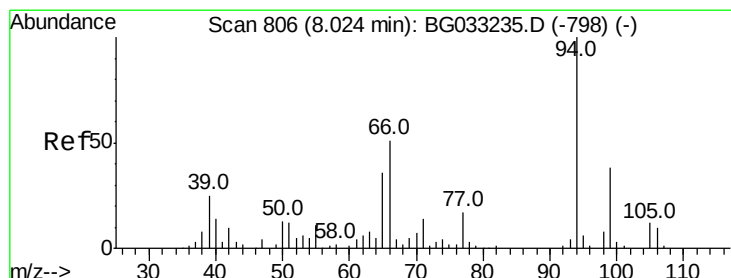
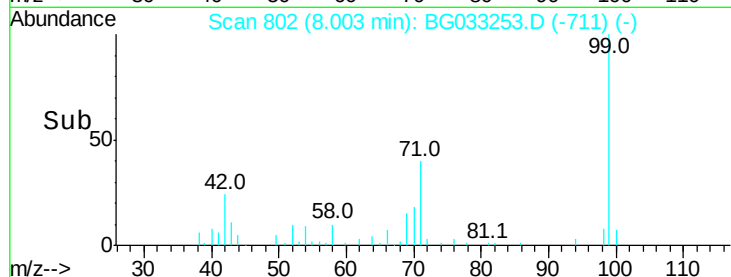
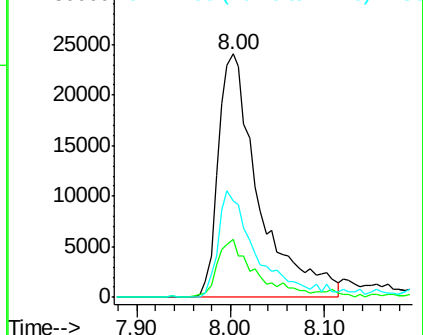
99 100

42 23.6 14.1 21.1#

71 39.6 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



#10

Phenol

Concen: 2.774 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

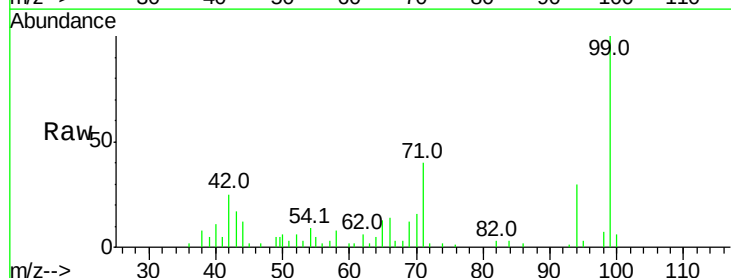
Tgt Ion: 94 Resp: 9120

Ion Ratio Lower Upper

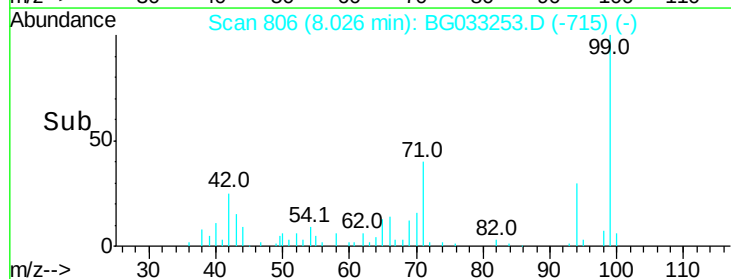
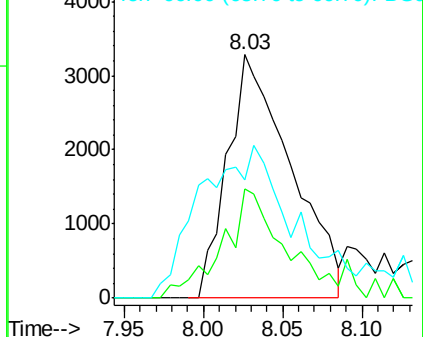
94 100

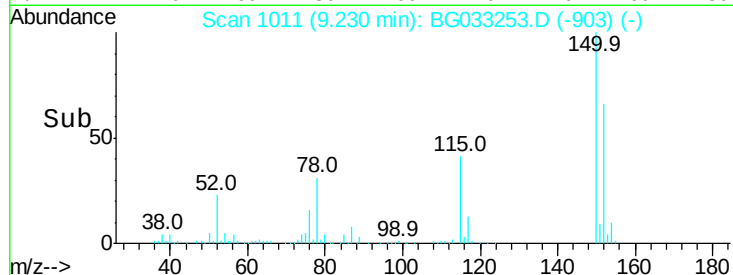
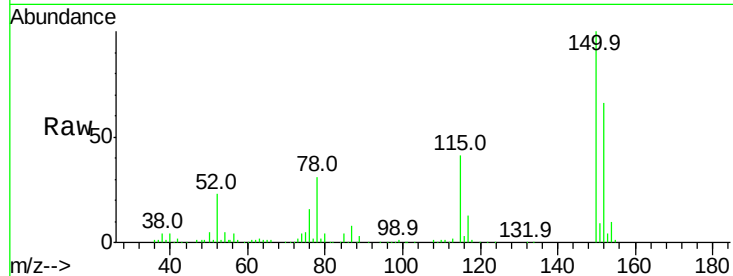
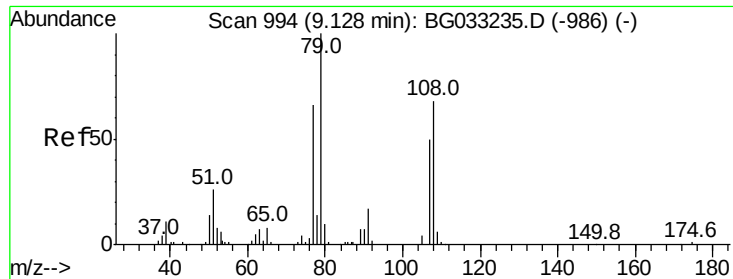
65 44.6 11.9 51.9

66 48.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

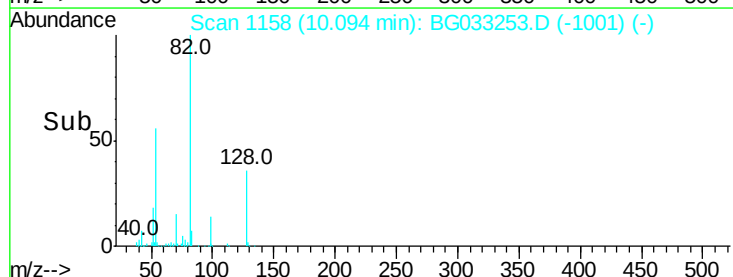
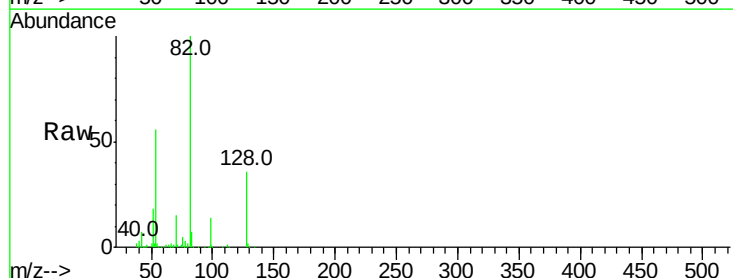
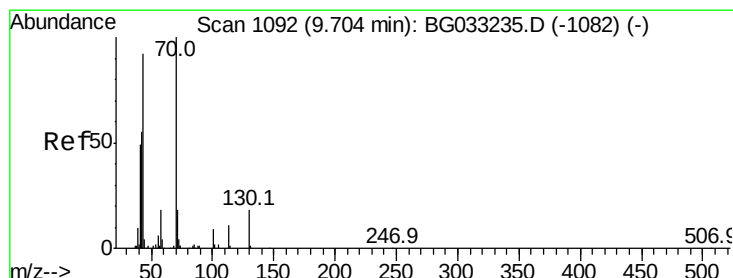
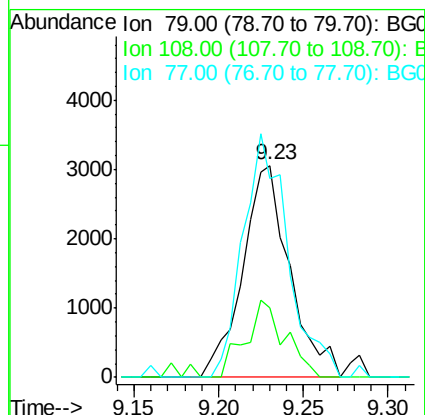




#15
Benzyl Alcohol
Concen: 2.264 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.10 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

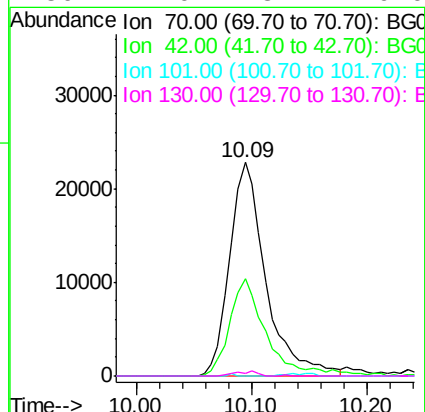
Instrument :
BNA_G
ClientSampleId :

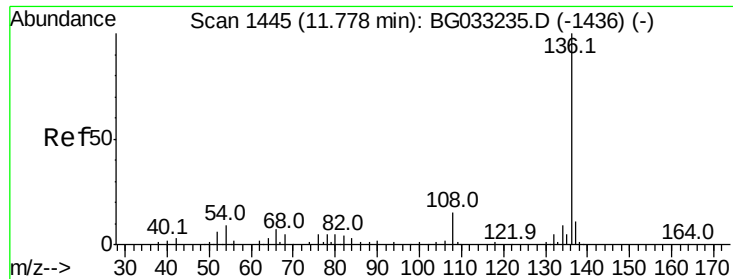
Tot Ion: 79 Resp: 5936
Ion Ratio Lower Upper
79 100
108 32.8 57.2 85.8#
77 94.0 46.1 69.1#



#19
n-Nitroso-di-n-propylamine
Concen: 20.281 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion: 70 Resp: 49490
Ion Ratio Lower Upper
70 100
42 45.5 49.1 73.7#
101 0.0 8.5 12.7#
130 1.0 13.4 20.0#

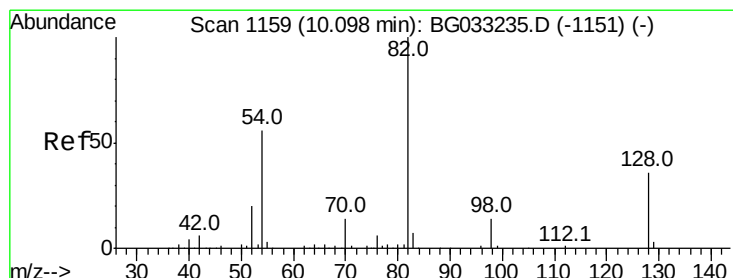
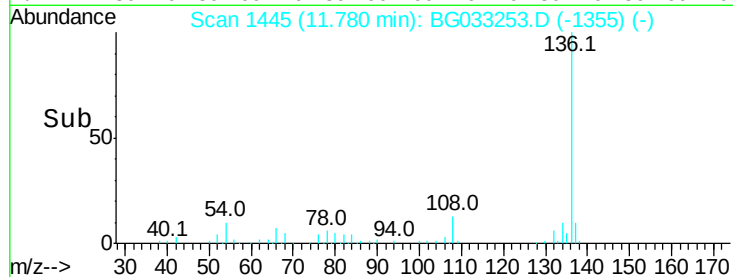
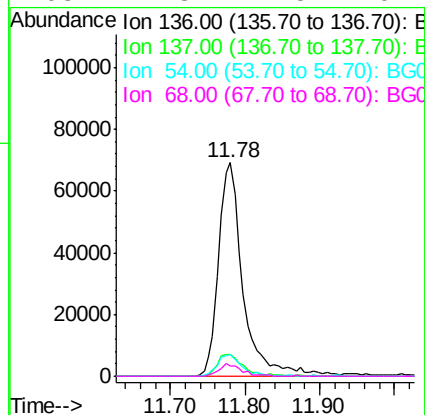
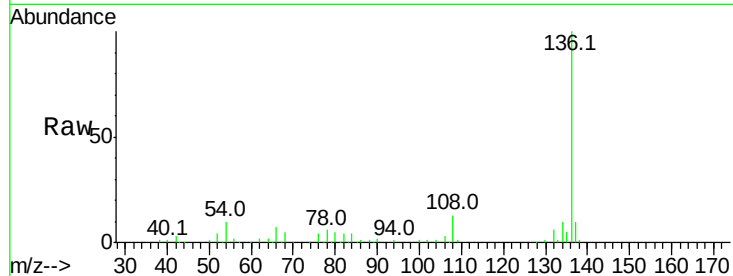




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

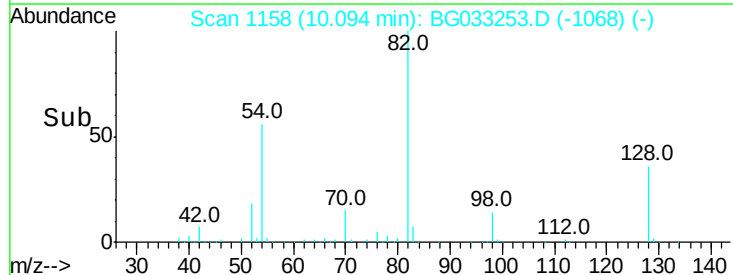
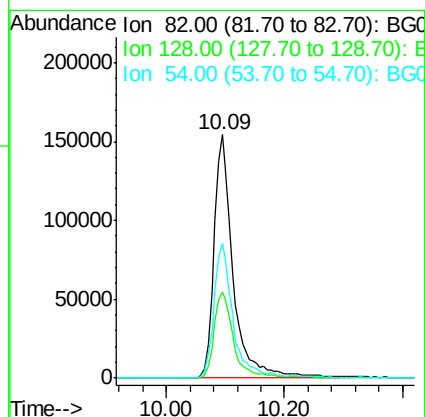
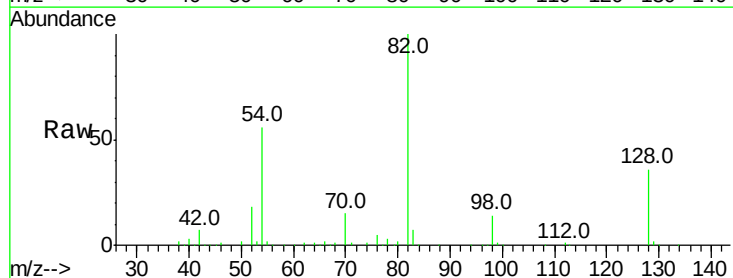
Instrument :
BNA_G
ClientSampleId :

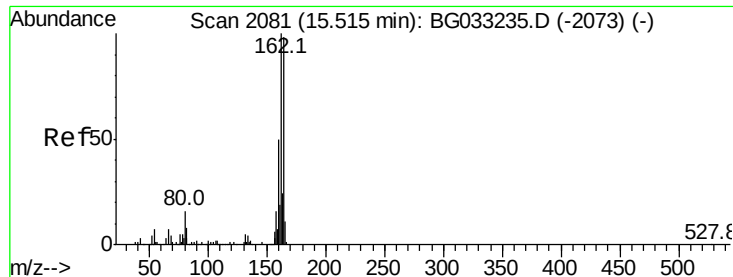
Tot Ion:	136	Resp:	157832
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	10.1	10.3	15.5#
68	4.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 102.341 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion:	82	Resp:	351574
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	55.6	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

Instrument :

BNA_G

ClientSampleId :

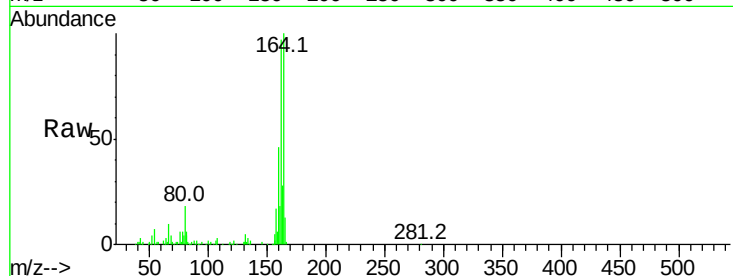
Tot Ion:164 Resp: 122045

Ion Ratio Lower Upper

164 100

162 96.8 78.8 118.2

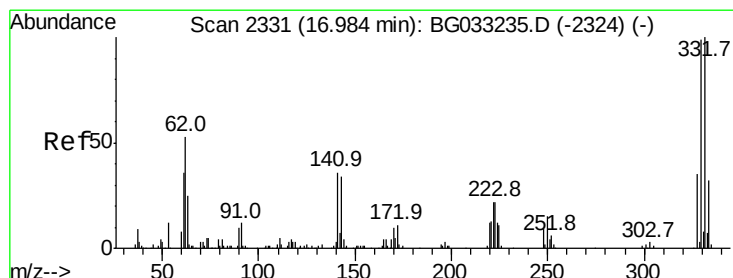
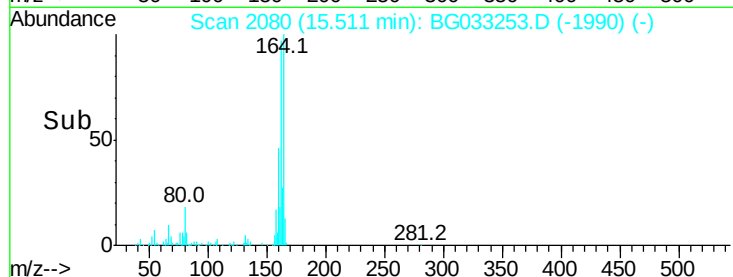
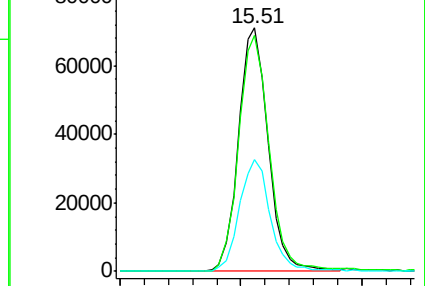
160 45.7 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 104.949 ng

RT: 16.98 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

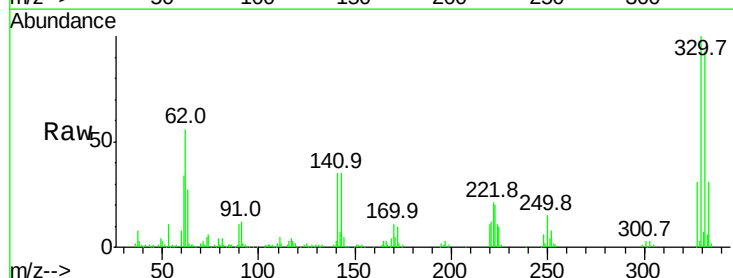
Tgt Ion:330 Resp: 191566

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

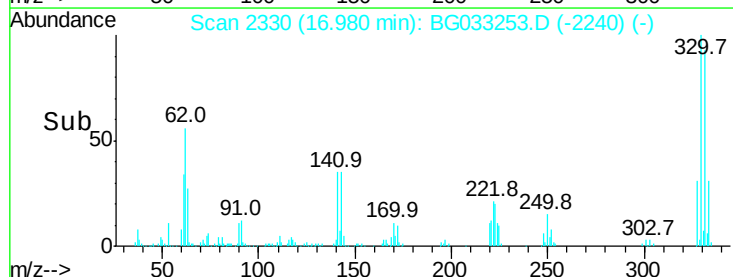
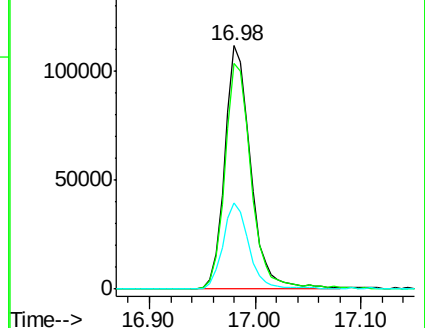
141 35.1 25.2 37.8

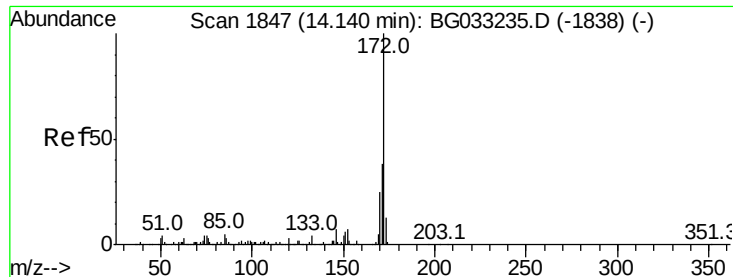


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

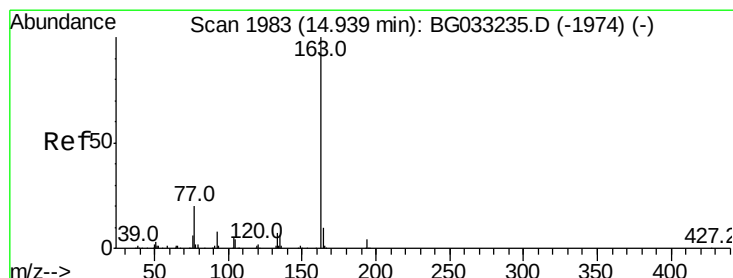
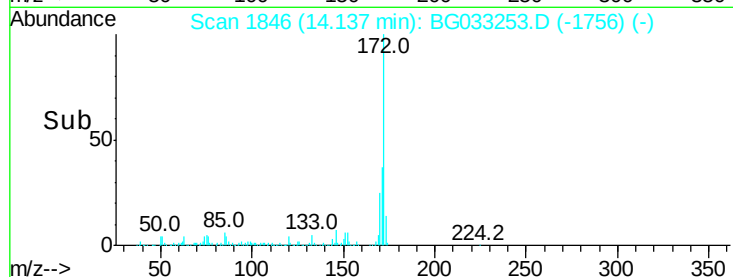
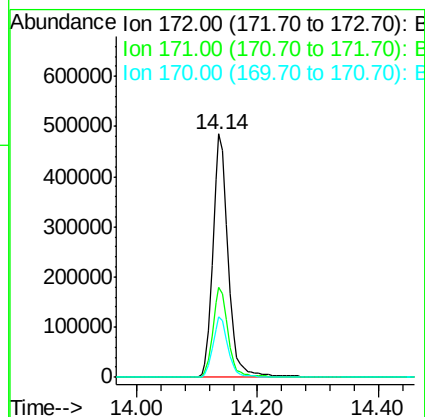
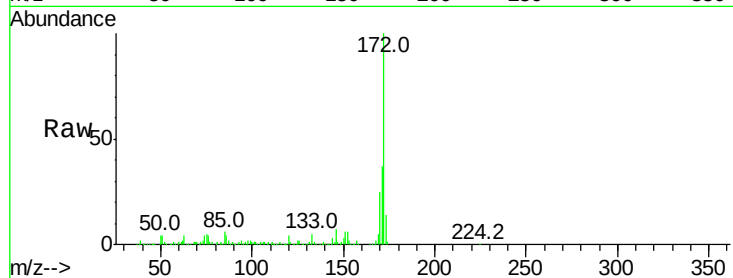




#44
2-Fluorobiphenyl
Concen: 100.883 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

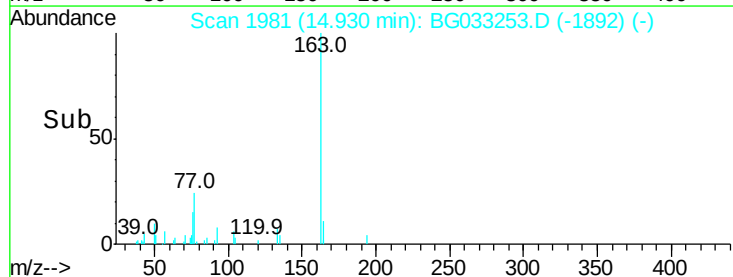
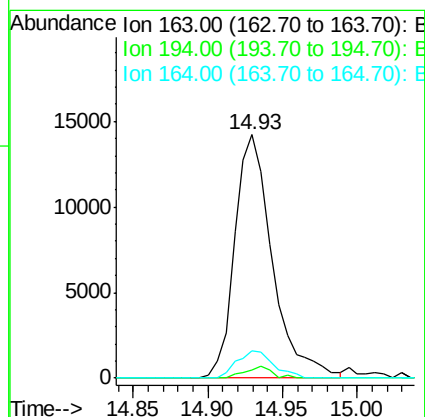
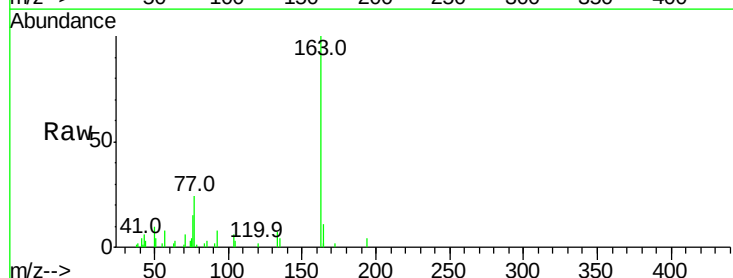
Instrument :
BNA_G
ClientSampleId :

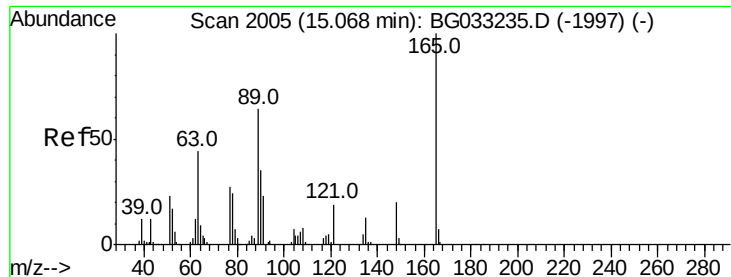
Tot Ion:172 Resp: 852863
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 25.1 19.5 29.3



#49
Dimethylphthalate
Concen: 2.355 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion:163 Resp: 25014
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 11.3 8.2 12.4

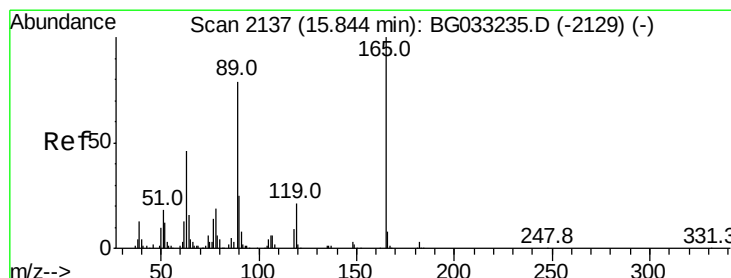
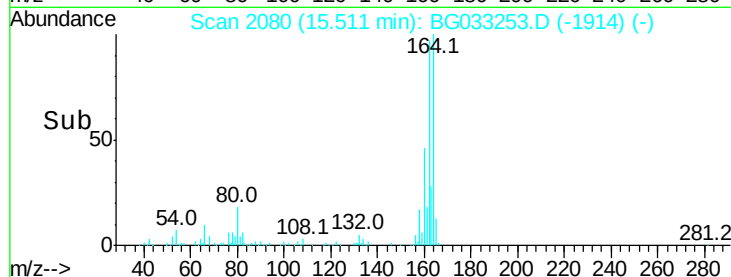
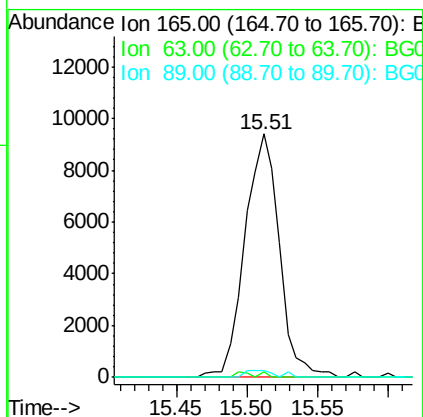
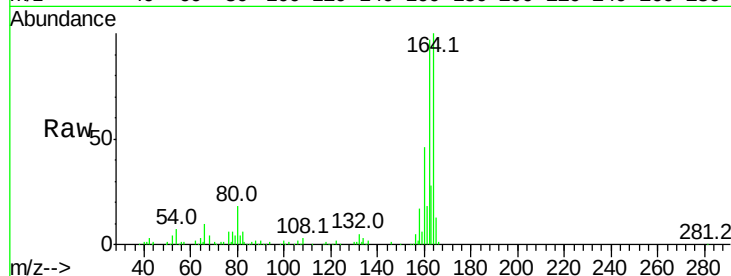




#50
2,6-Dinitrotoluene
Concen: 7.424 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

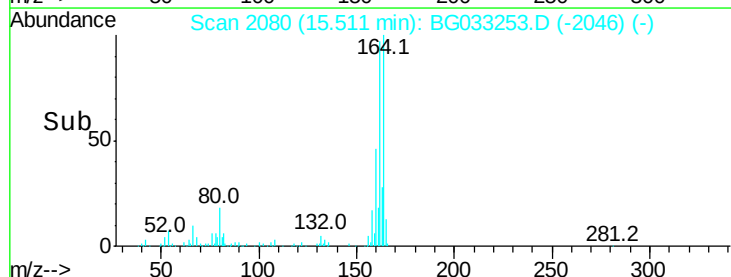
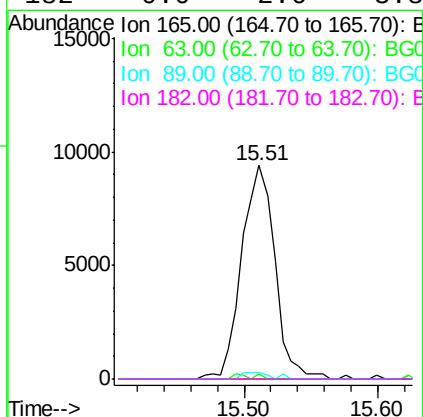
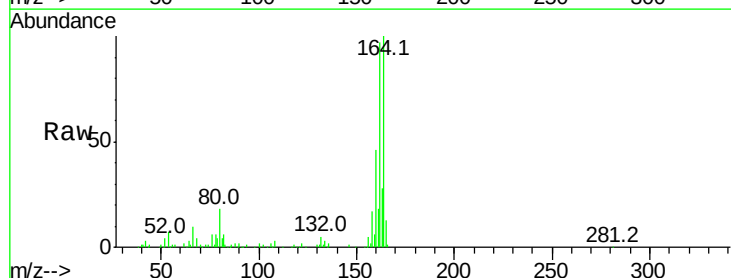
Instrument :
BNA_G
ClientSampleId :

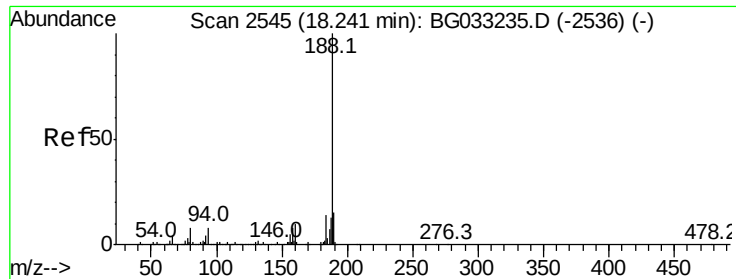
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	52.7	79.1#
89	2.8	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 5.043 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.33 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#

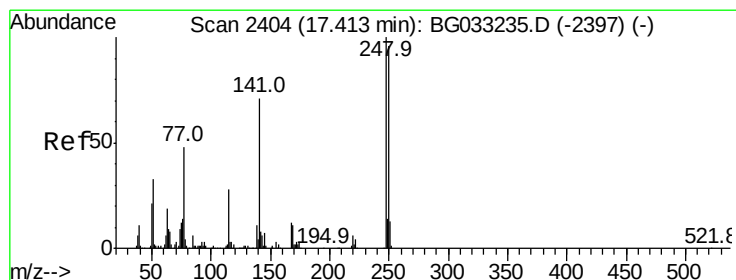
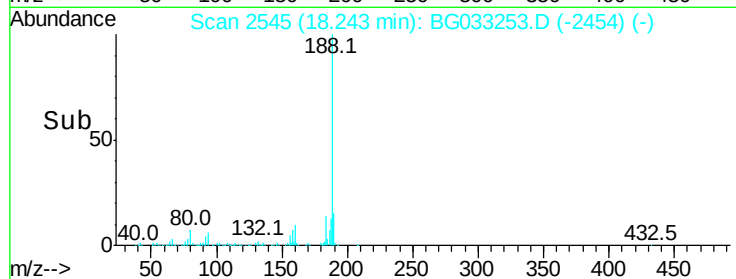
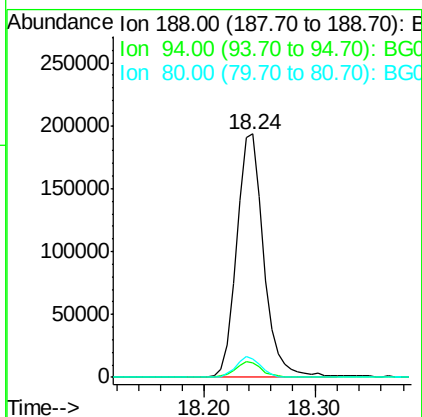
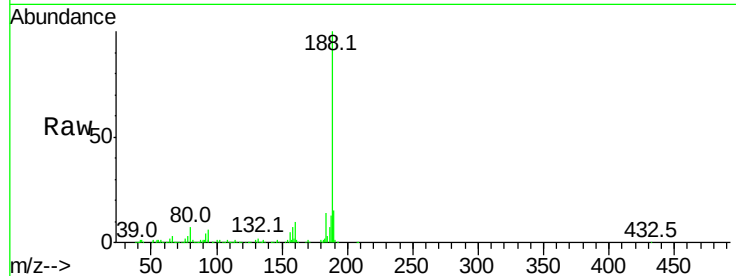




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

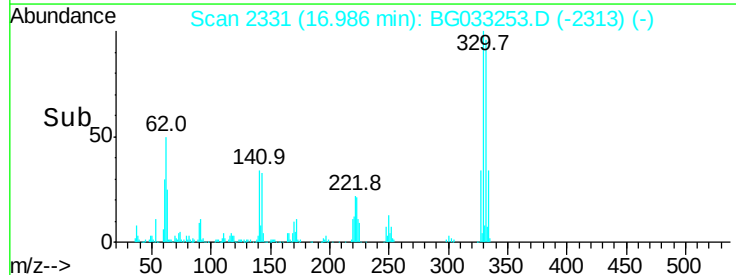
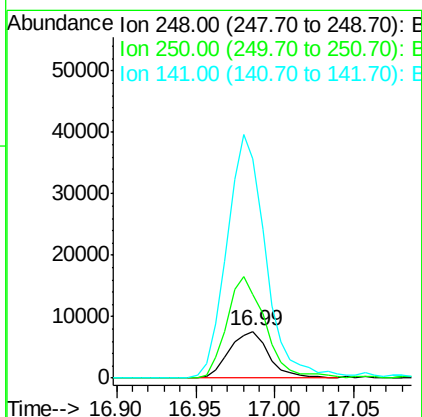
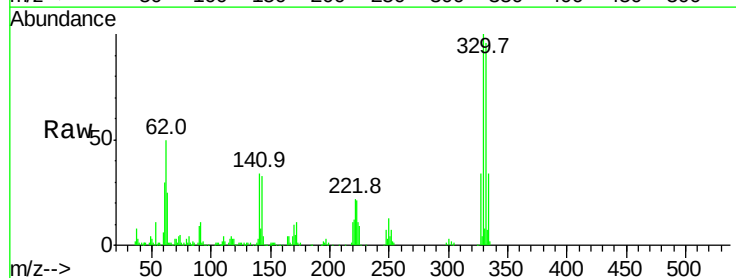
Instrument :
BNA_G
ClientSampled :

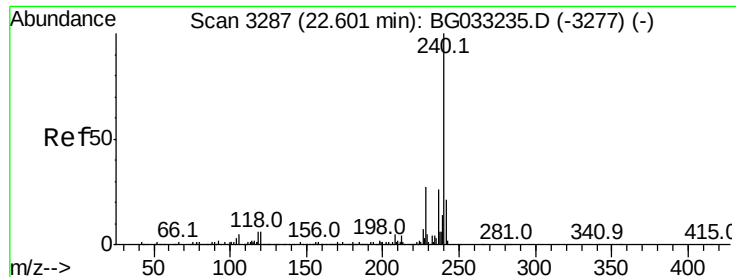
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.3	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.380 ng
RT: 16.99 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033253.D
Acq: 19 Mar 2018 23:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	178.2	77.1	115.7#
141	467.4	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

Instrument :

BNA_G

ClientSampleId :

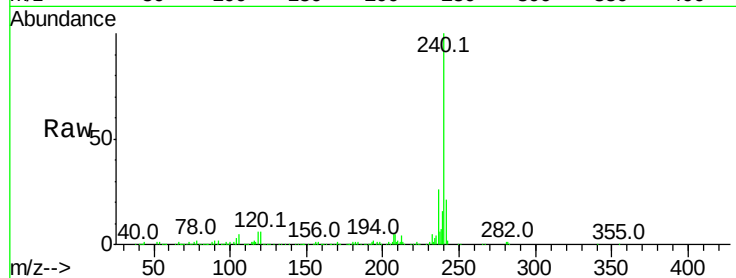
Tot Ion:240 Resp: 341593

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

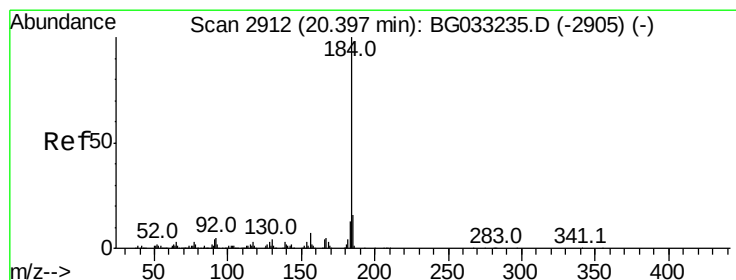
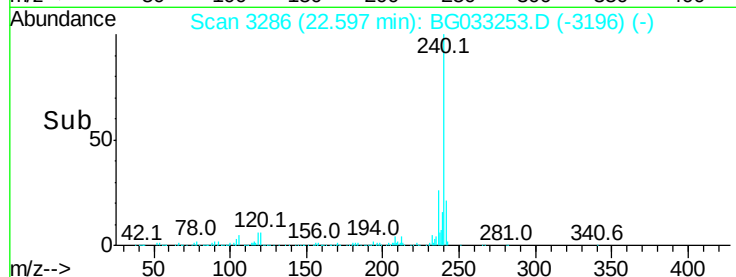
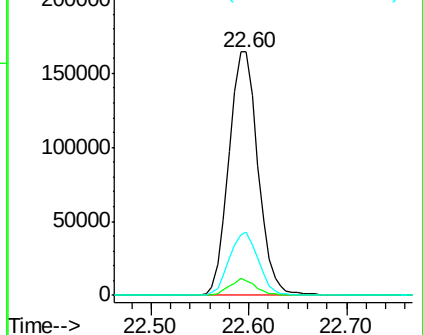
236 26.1 20.9 31.3



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: 2.638 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

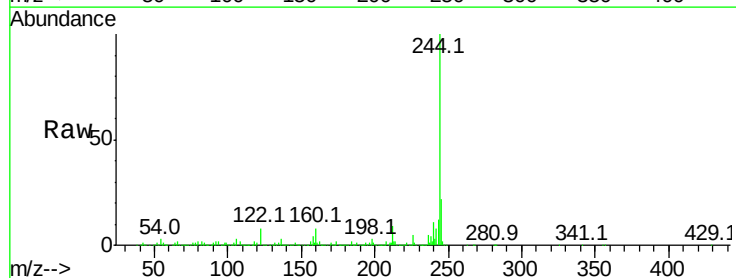
Tgt Ion:184 Resp: 24434

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

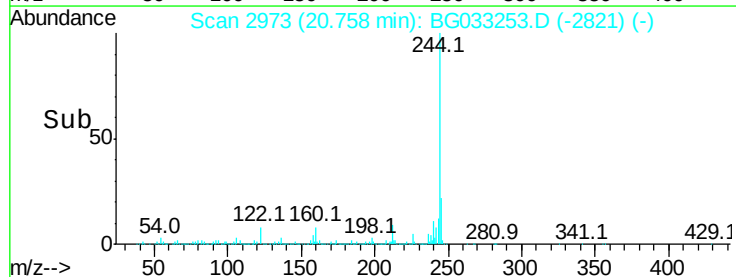
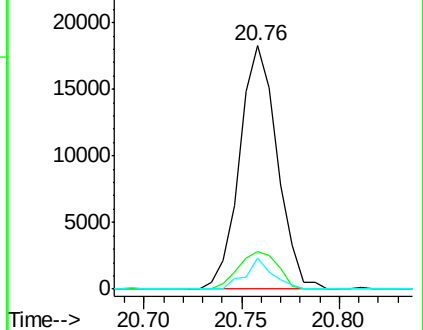
183 12.7 10.6 16.0

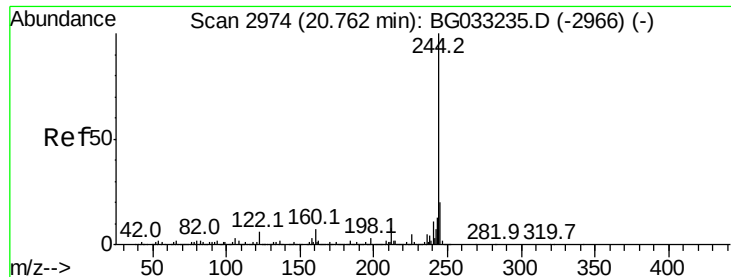


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 88.432 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

Instrument :

BNA_G

ClientSampleId :

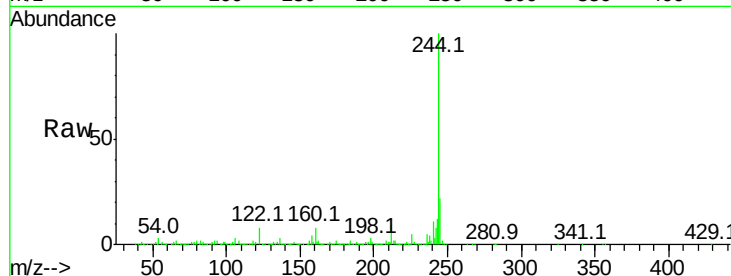
Tot Ion:244 Resp: 1412501

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

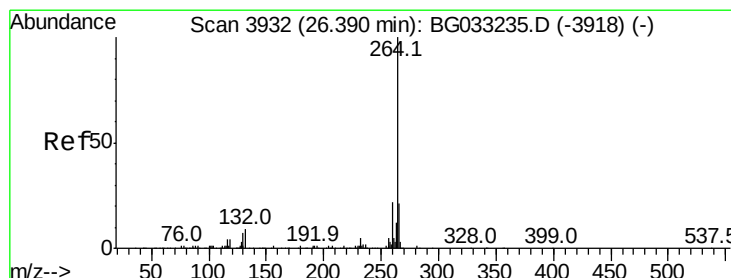
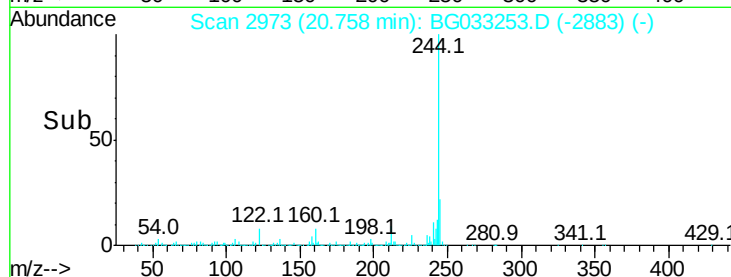
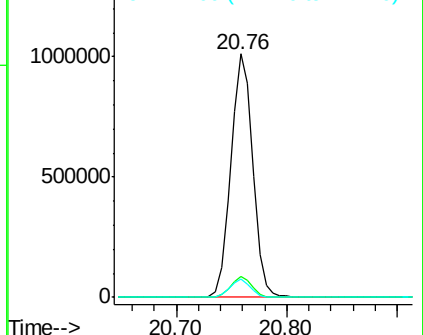
122 7.6 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.39 min Scan# 3931

Delta R.T. -0.01 min

Lab File: BG033253.D

Acq: 19 Mar 2018 23:29

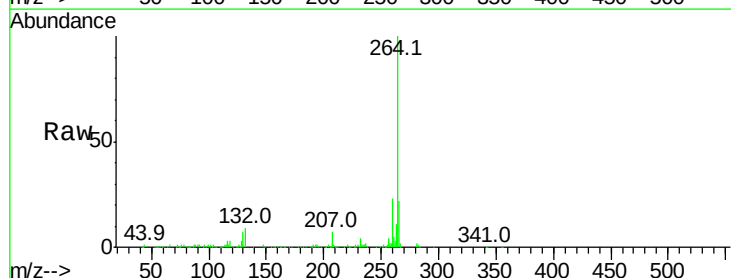
Tgt Ion:264 Resp: 352055

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.7 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

