

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033712.D
 Acq On : 10 Apr 2018 14:15
 Operator : SJ/JU
 Sample : J2227-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 16:52:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

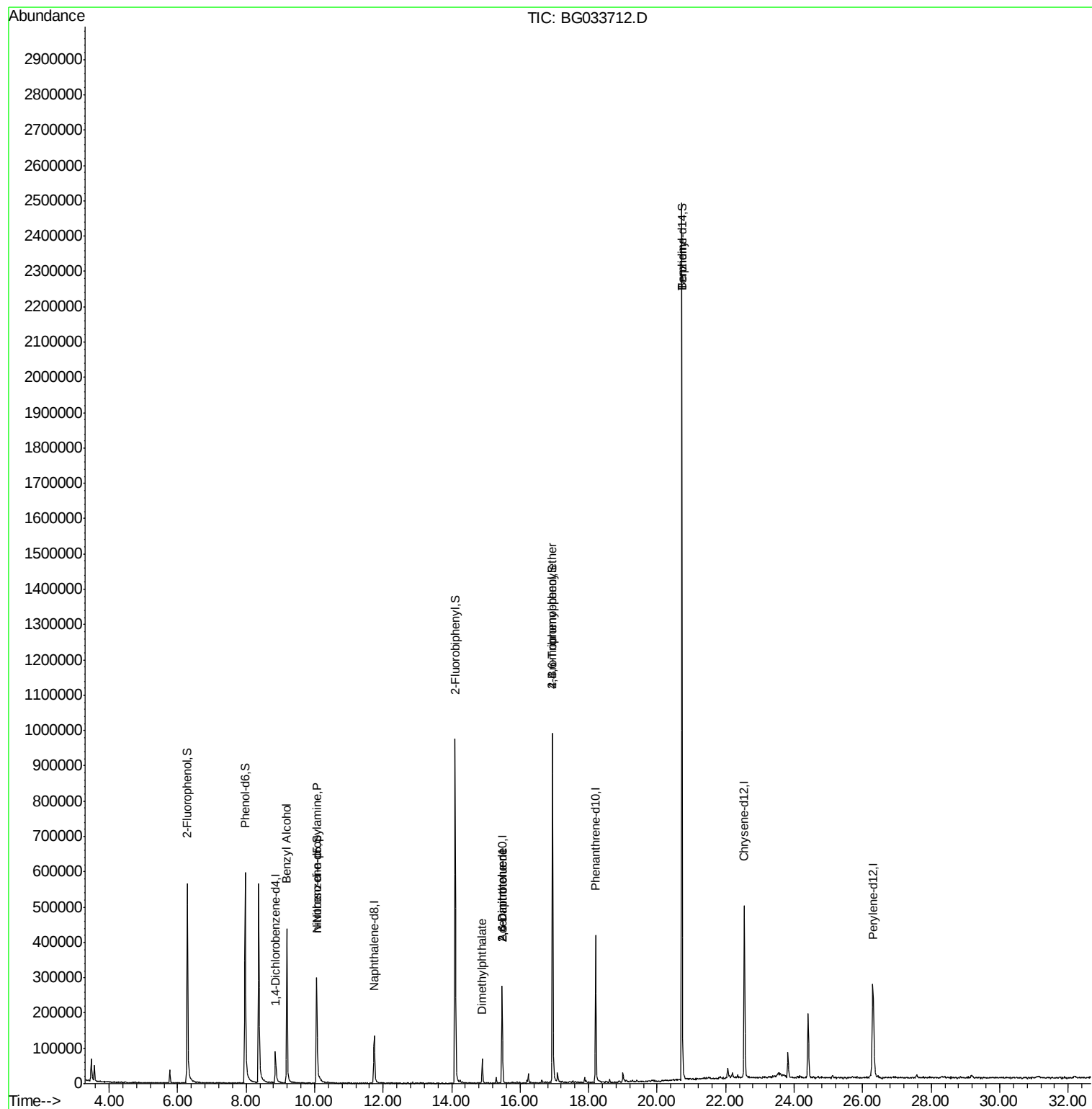
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32128	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	136262	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	100715	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	288426	20.00	ng	0.00
75) Chrysene-d12	22.54	240	341231	20.00	ng	0.00
86) Perylene-d12	26.30	264	366266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	260352	151.95	ng	0.00
7) Phenol-d6	7.97	99	393820	133.77	ng	0.00
23) Nitrobenzene-d5	10.06	82	247759	83.54	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	194824	129.34	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	572099	82.00	ng	0.00
78) Terphenyl-d14	20.72	244	1235140	77.41	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4714	2.034	ng	# 59
19) n-Nitroso-di-n-propylamine	10.06	70	33160	15.372	ng	# 71
49) Dimethylphthalate	14.89	163	45064	5.141	ng	# 94
50) 2,6-Dinitrotoluene	15.48	165	13561	7.567	ng	# 22
56) 2,4-Dinitrotoluene	15.48	165	13561	5.139	ng	# 19
66) 4-Bromophenyl-phenylether	16.94	248	15088	4.454	ng	# 1
76) Benzidine	20.72	184	20733	2.241	ng	# 87

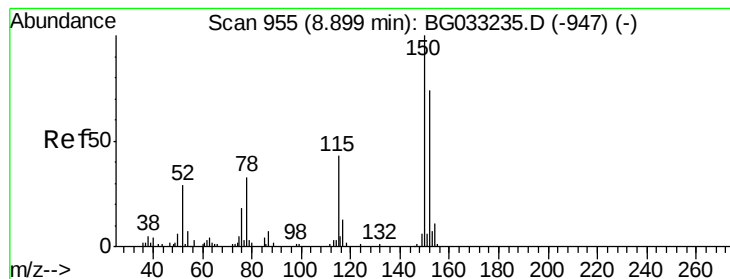
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



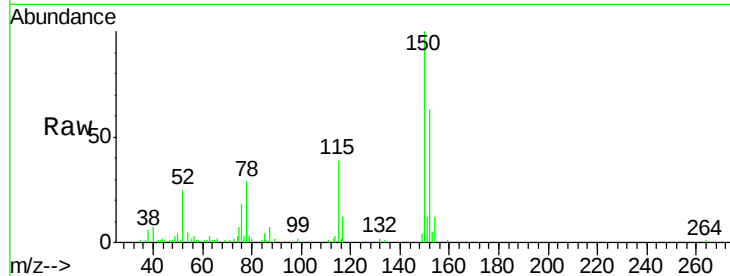


#1

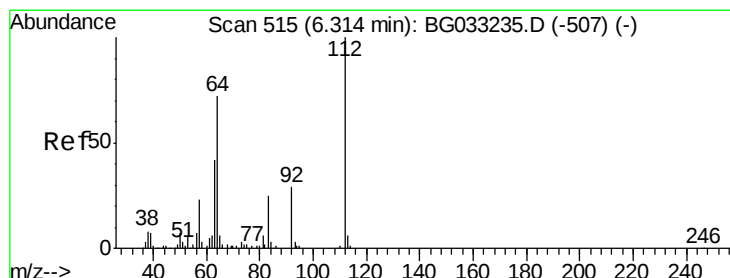
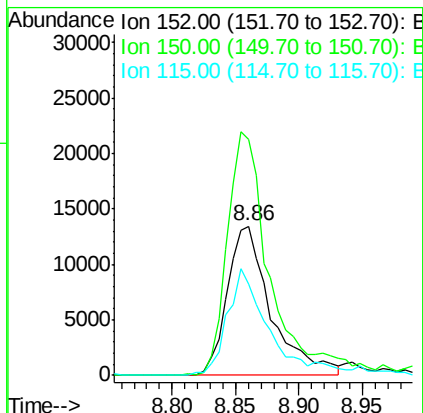
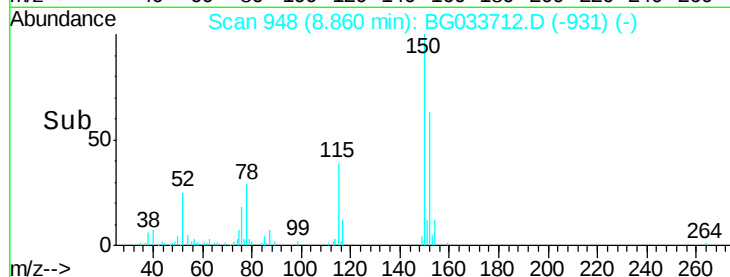
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	32128
Ion Ratio	Lower	Upper	
152	100		
150	157.9	126.6	189.8
115	61.0	53.0	79.4



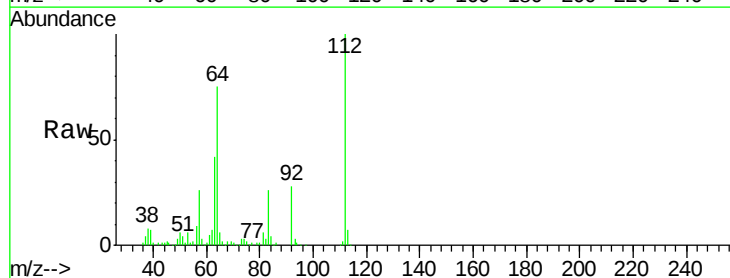
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



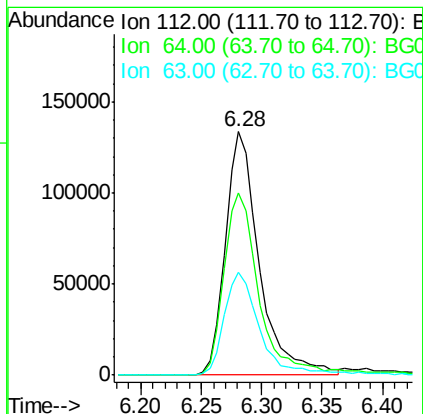
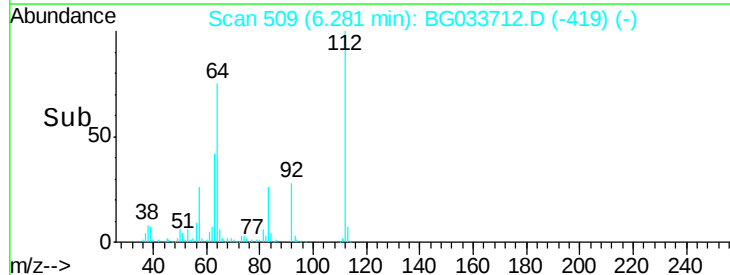
#5

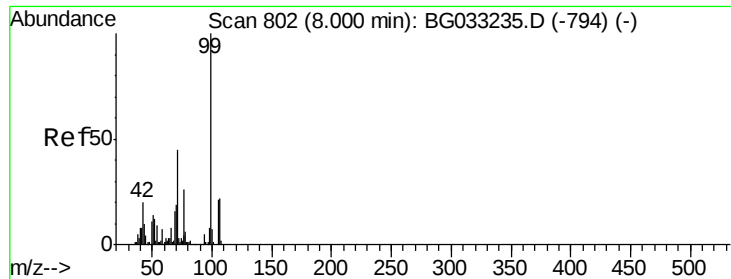
2-Fluorophenol
Concen: 151.952 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

Tgt Ion	112	Resp	260352
Ion Ratio	Lower	Upper	
112	100		
64	74.8	56.3	84.5
63	42.4	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.773 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033712.D

Acq: 10 Apr 2018 14:15

Instrument :

BNA_G

ClientSampleId :

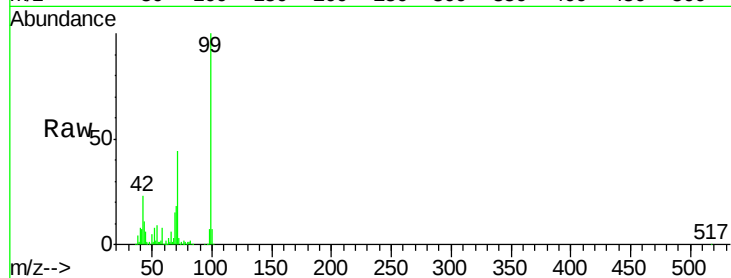
Tot Ion: 99 Resp: 393820

Ion Ratio Lower Upper

99 100

42 22.5 14.1 21.1#

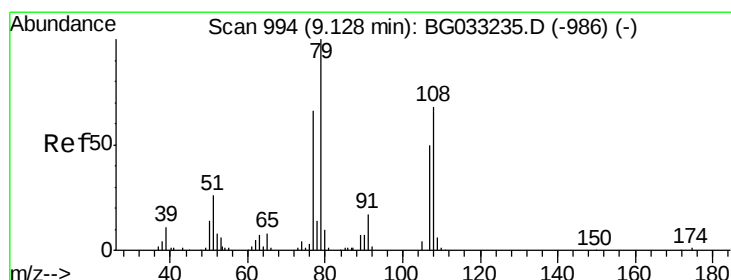
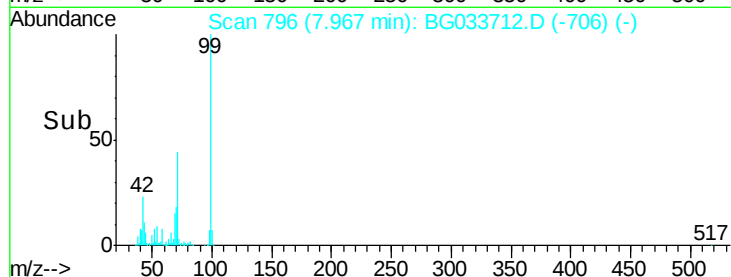
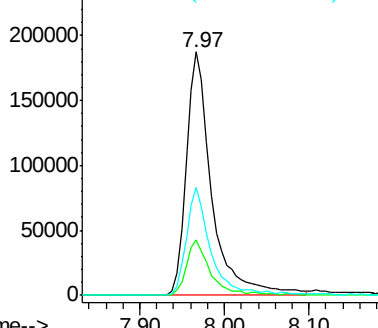
71 44.1 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.034 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033712.D

Acq: 10 Apr 2018 14:15

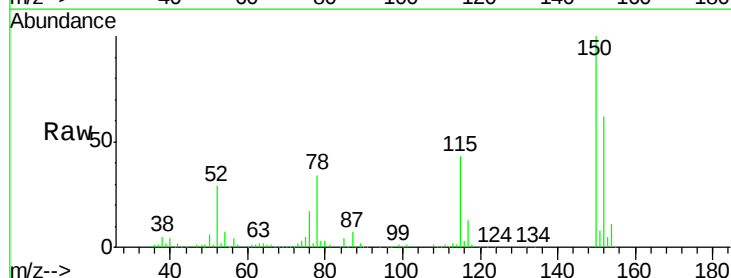
Tgt Ion: 79 Resp: 4714

Ion Ratio Lower Upper

79 100

108 25.4 57.2 85.8#

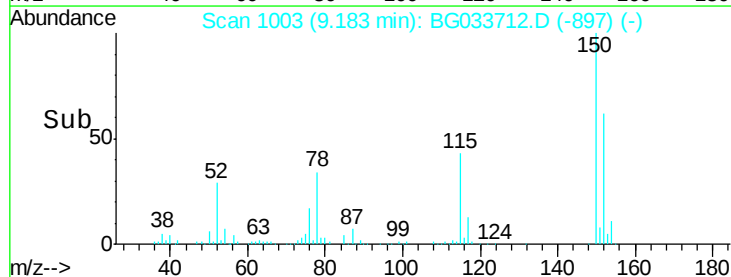
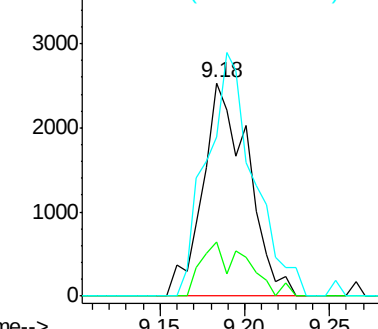
77 74.7 46.1 69.1#

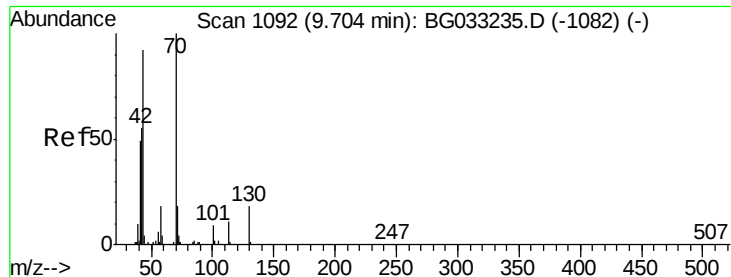


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

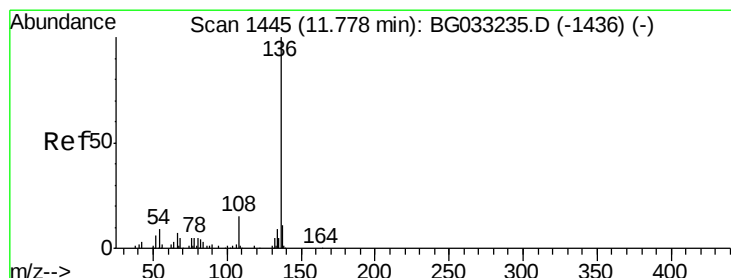
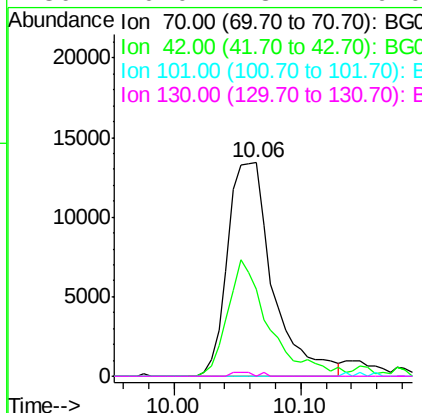
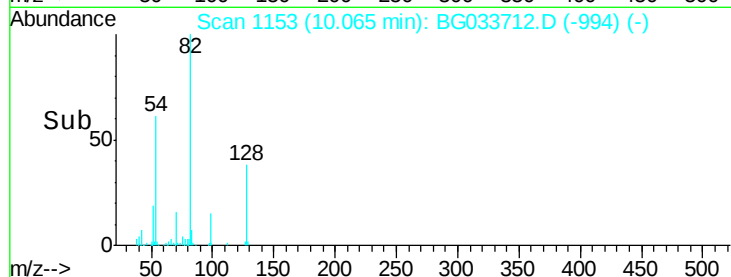
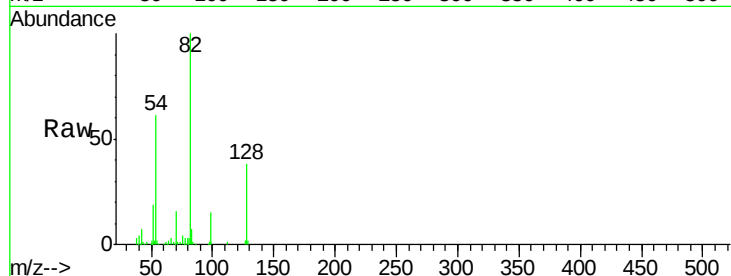




#19
n-Nitroso-di-n-propylamine
Concen: 15.372 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

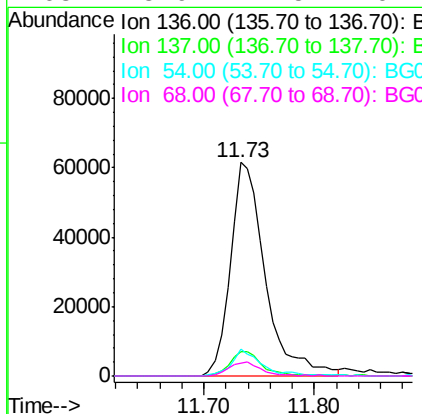
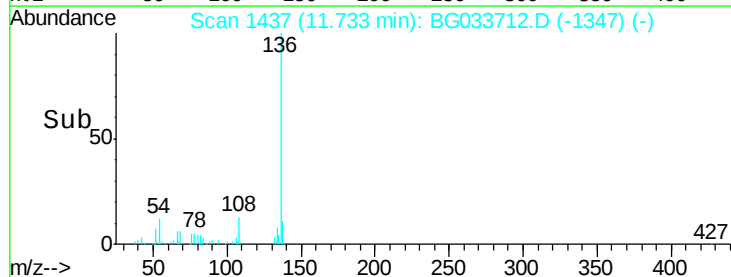
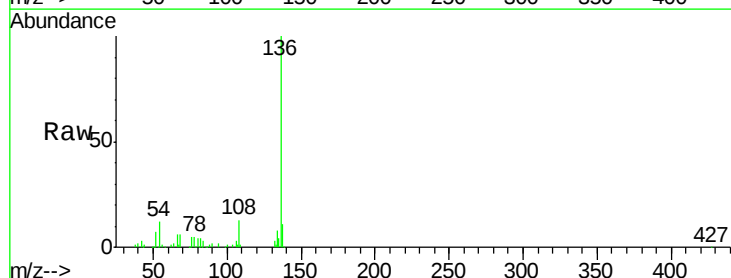
Instrument :
BNA_G
ClientSampleId :

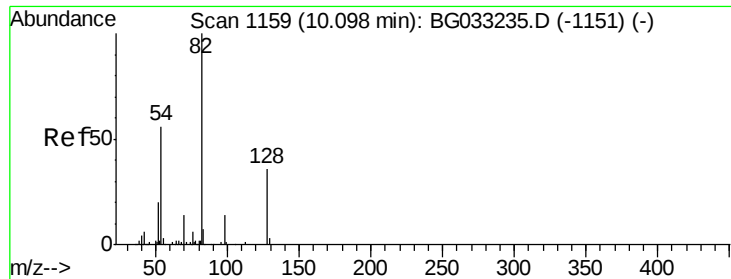
Tot Ion: 70 Resp: 33160
Ion Ratio Lower Upper
70 100
42 40.9 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

Tgt Ion: 136 Resp: 136262
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 12.4 10.3 15.5
68 5.9 4.5 6.7

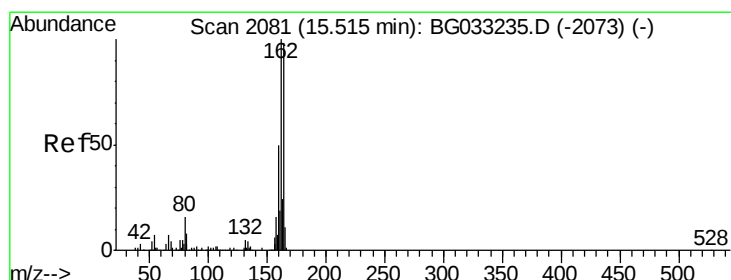
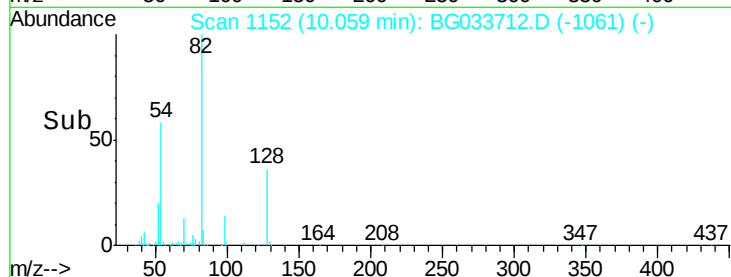
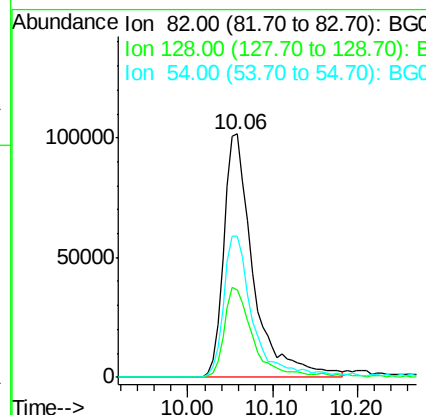
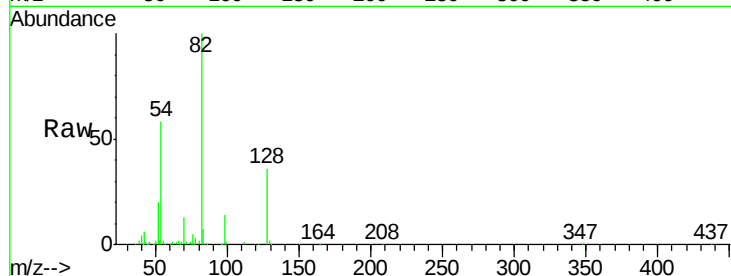




#23
Nitrobenzene-d5
Concen: 83.538 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

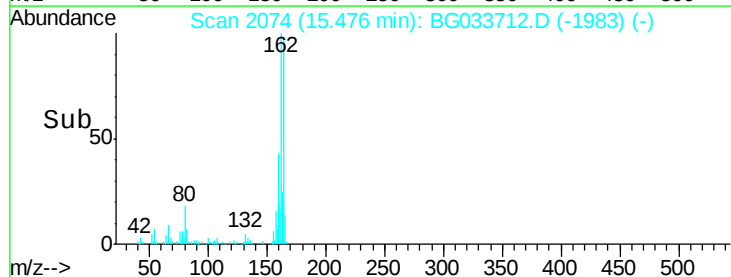
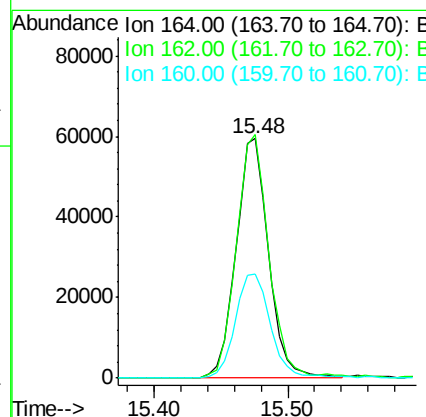
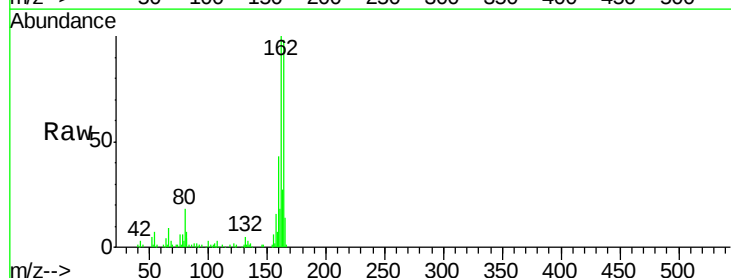
Instrument :
BNA_G
ClientSampleId :

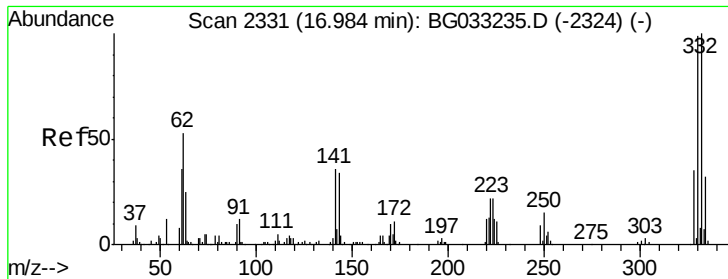
Tot Ion: 82 Resp: 247759
Ion Ratio Lower Upper
82 100
128 35.8 29.7 44.5
54 57.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

Tgt Ion: 164 Resp: 100715
Ion Ratio Lower Upper
164 100
162 101.6 78.8 118.2
160 43.6 35.4 53.0

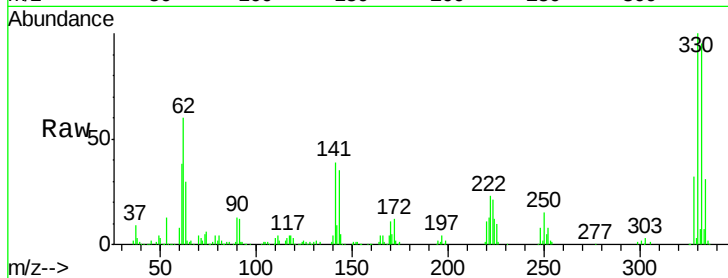




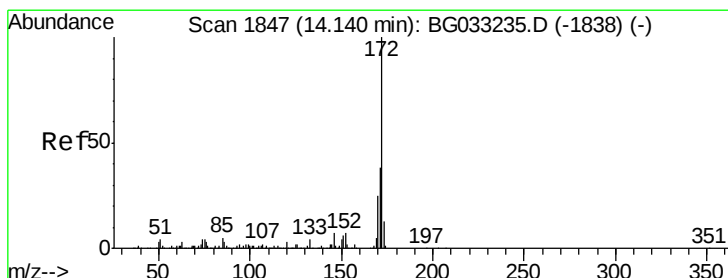
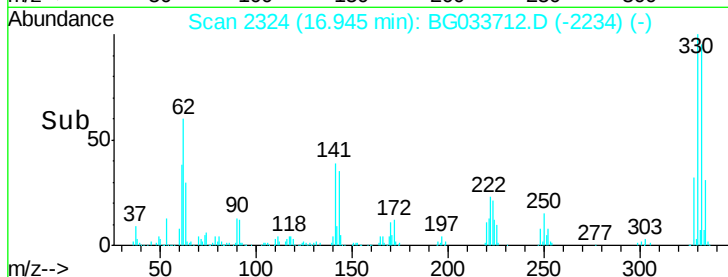
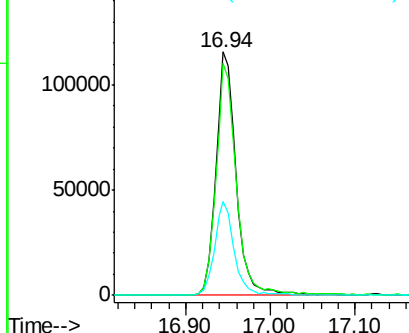
#41
 2,4,6-Tribromophenol
 Concen: 129.339 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033712.D
 Acq: 10 Apr 2018 14:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.4	25.2	37.8

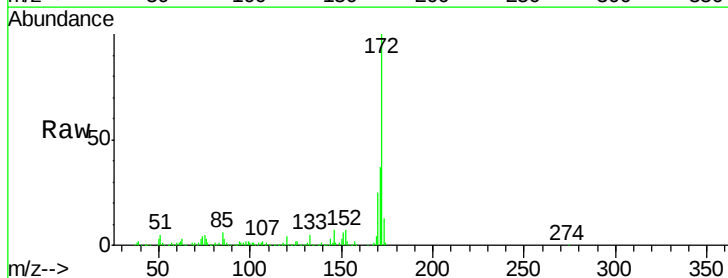


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

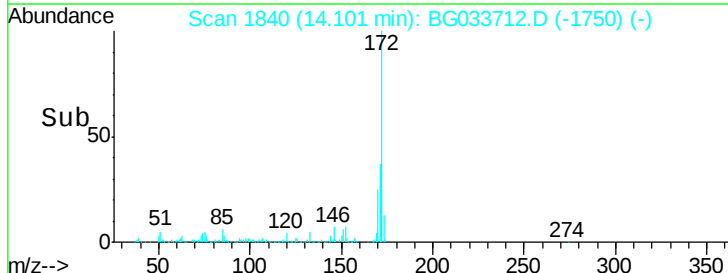
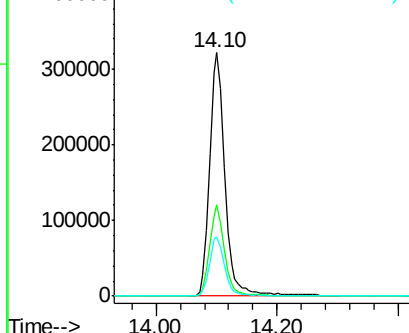


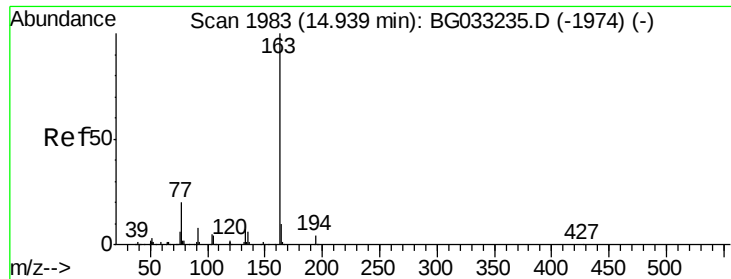
#44
 2-Fluorobiphenyl
 Concen: 82.004 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033712.D
 Acq: 10 Apr 2018 14:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.5	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





#49

Dimethylphthalate

Concen: 5.141 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG033712.D

Acq: 10 Apr 2018 14:15

Instrument :

BNA_G

ClientSampleId :

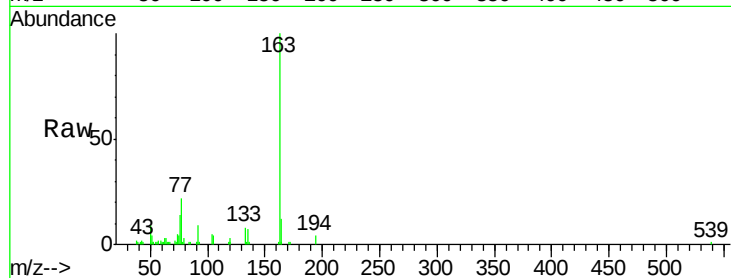
Tot Ion:163 Resp: 45064

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

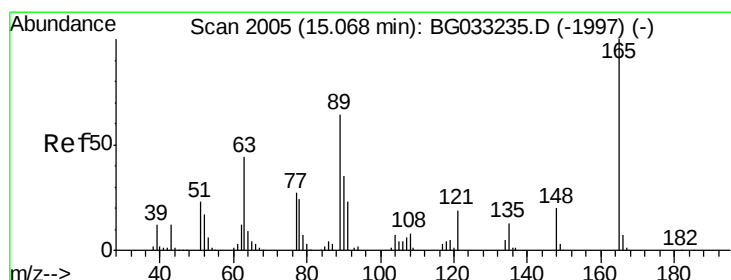
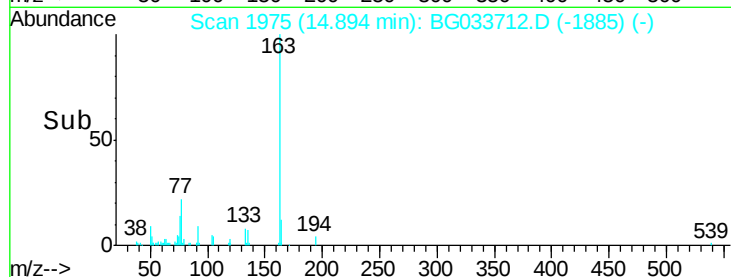
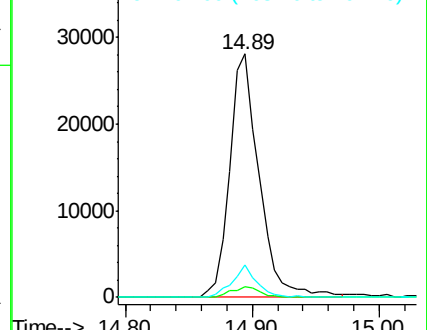
164 13.4 8.2 12.4#



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: 7.567 ng

RT: 15.48 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033712.D

Acq: 10 Apr 2018 14:15

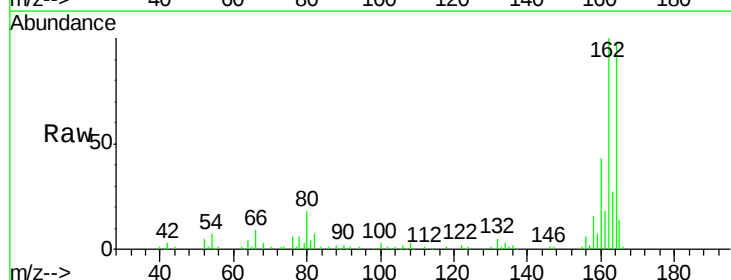
Tgt Ion:165 Resp: 13561

Ion Ratio Lower Upper

165 100

63 2.1 52.7 79.1#

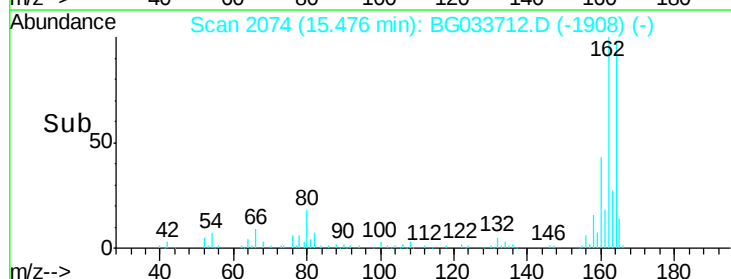
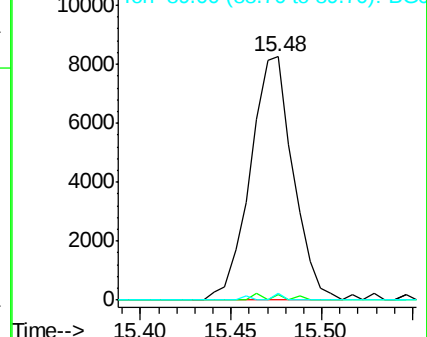
89 3.0 49.2 73.8#



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

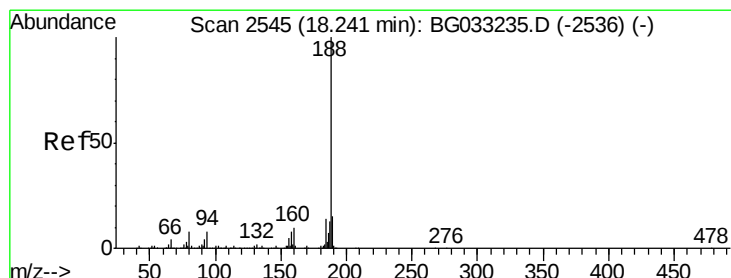
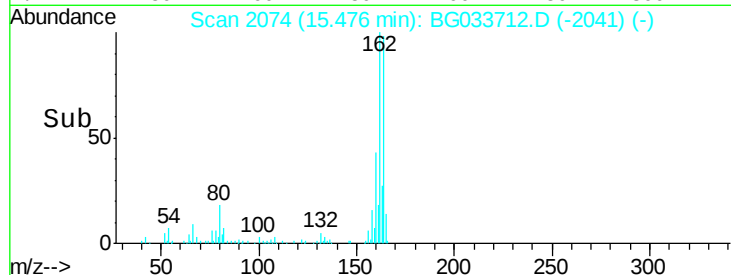
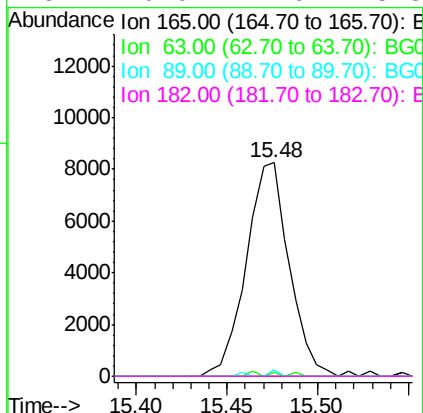
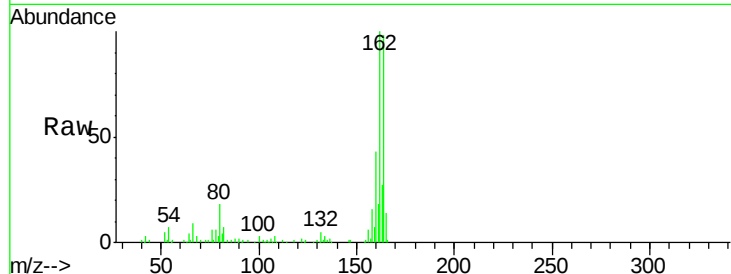




#56
 2,4-Dinitrotoluene
 Concen: 5.139 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033712.D
 Acq: 10 Apr 2018 14:15

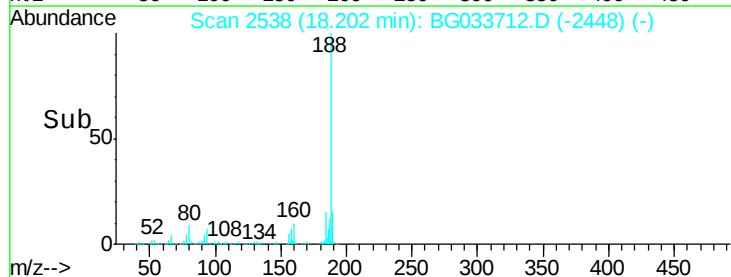
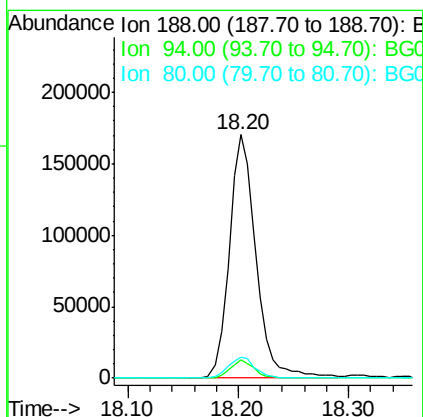
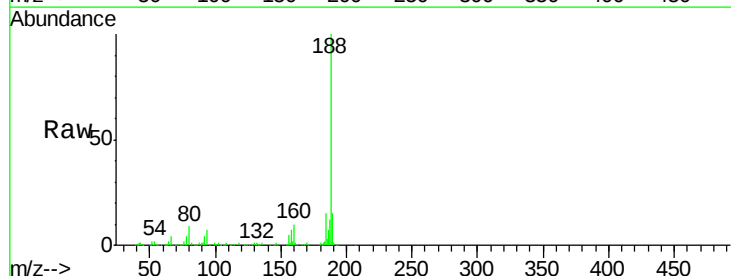
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 13561
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.0 63.0#
 89 3.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033712.D
 Acq: 10 Apr 2018 14:15

Tgt Ion:188 Resp: 288426
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 8.6 7.7 11.5

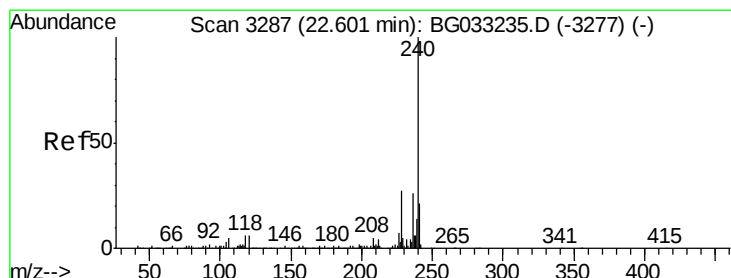
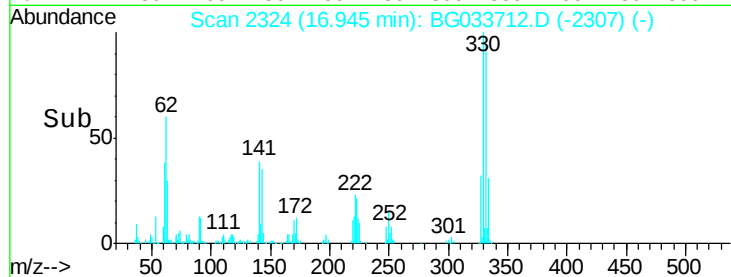
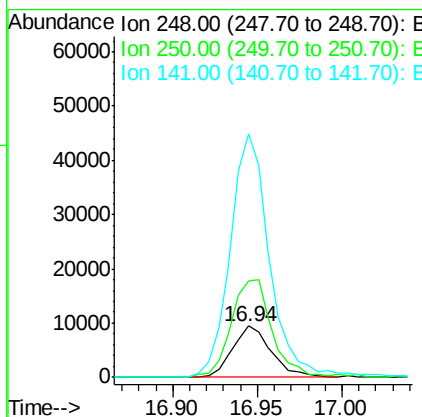
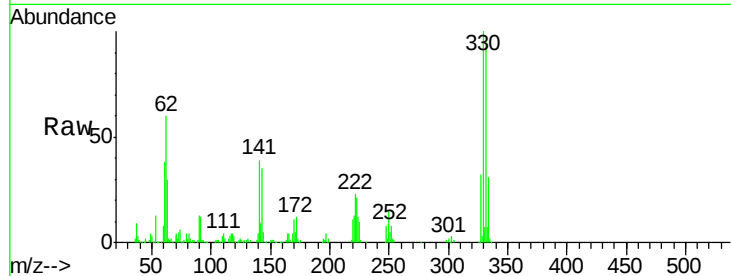




#66
4-Bromophenyl-phenylether
Concen: 4.454 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

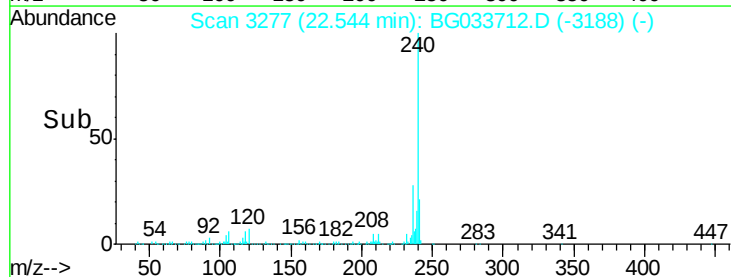
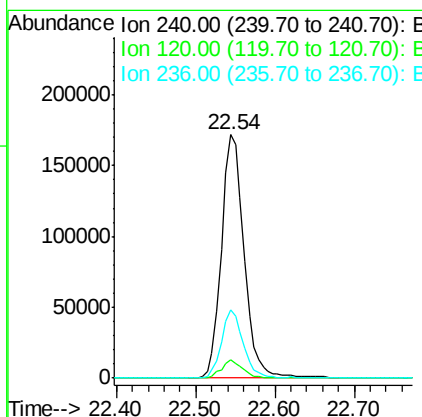
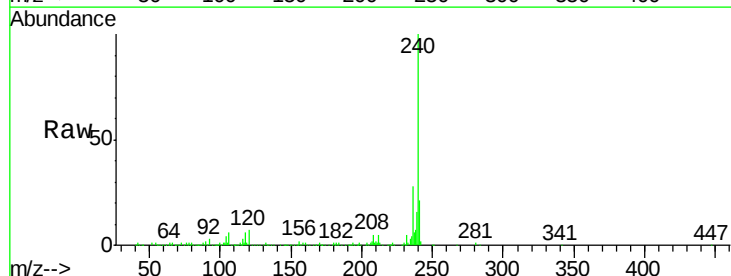
Instrument :
BNA_G
ClientSampleId :

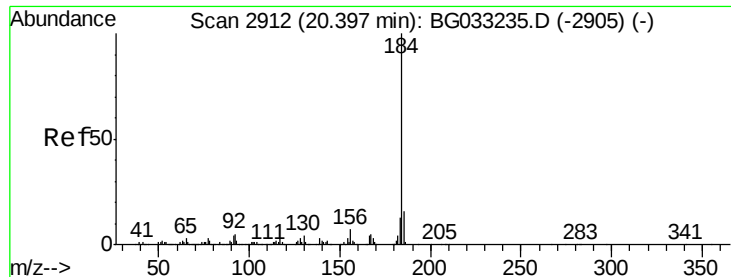
Tot Ion:248 Resp: 15088
Ion Ratio Lower Upper
248 100
250 187.8 77.1 115.7#
141 474.2 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

Tgt Ion:240 Resp: 341231
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 28.0 20.9 31.3





#76

Benzidine

Concen: 2.241 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033712.D

Acq: 10 Apr 2018 14:15

Instrument :

BNA_G

ClientSampleId :

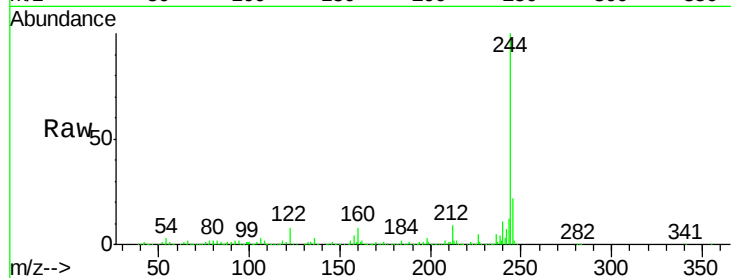
Tot Ion:184 Resp: 20733

Ion Ratio Lower Upper

184 100

185 20.1 11.1 16.7#

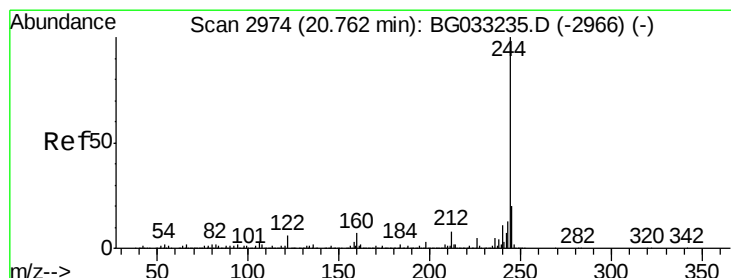
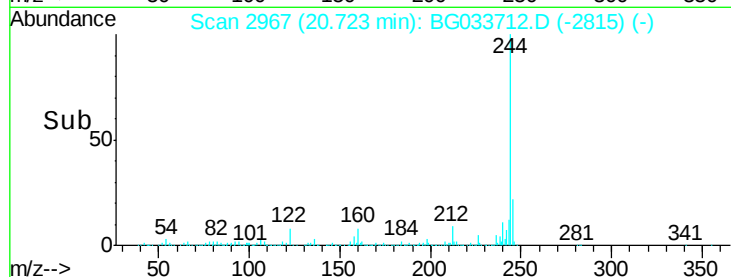
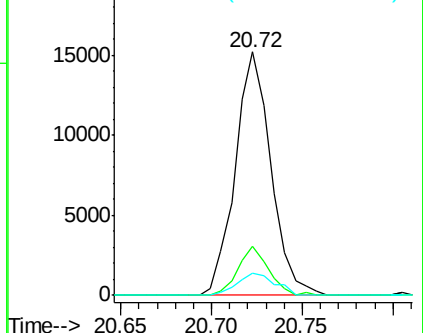
183 9.0 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 77.410 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033712.D

Acq: 10 Apr 2018 14:15

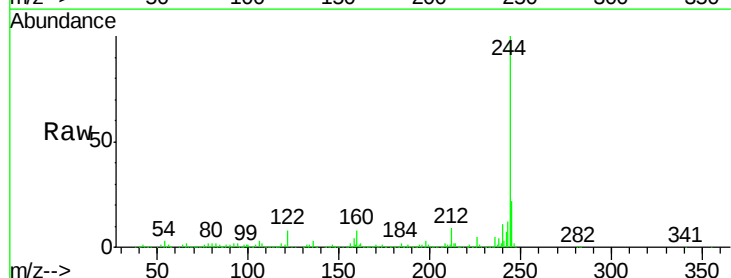
Tgt Ion:244 Resp: 1235140

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

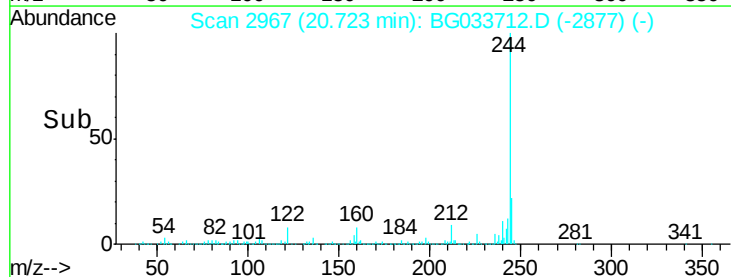
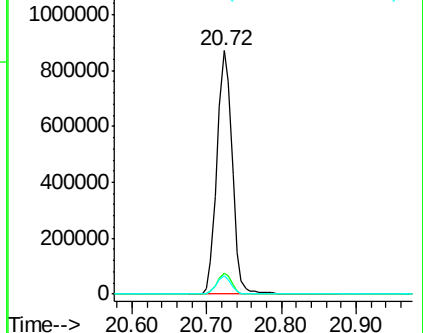
122 7.7 7.0 10.4

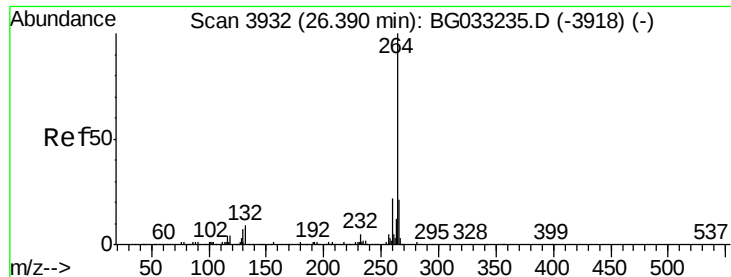


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

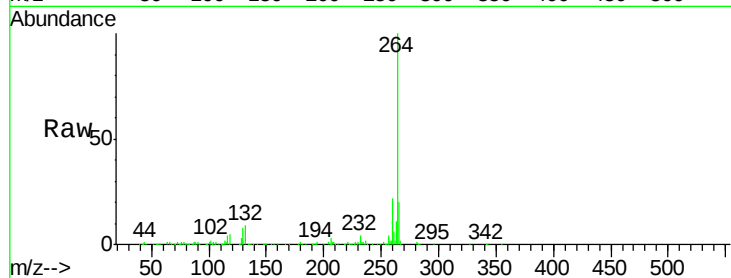




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BG033712.D
Acq: 10 Apr 2018 14:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	19.7	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

