

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033812.D
 Acq On : 16 Apr 2018 12:26
 Operator : SJ/JU
 Sample : J2348-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 14:06:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

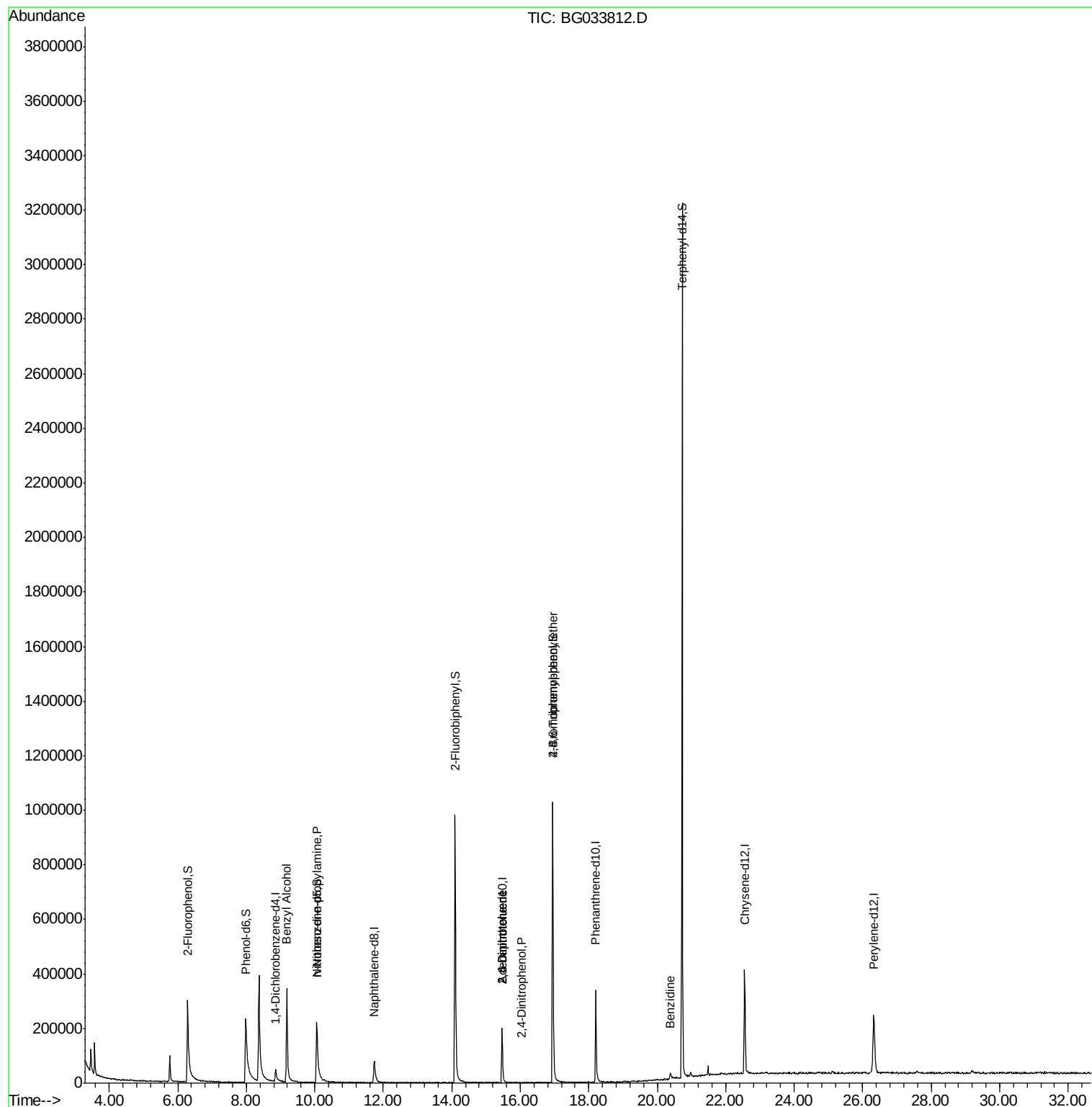
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	22581	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	108474	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	85412	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	259382	20.00	ng	0.00
75) Chrysene-d12	22.55	240	286659	20.00	ng	0.00
86) Perylene-d12	26.32	264	304685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	243295	202.03	ng	0.00
7) Phenol-d6	7.99	99	312532	151.04	ng	0.00
23) Nitrobenzene-d5	10.06	82	272885	115.58	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	232491	182.00	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	663421	112.13	ng	0.00
78) Terphenyl-d14	20.73	244	1589035	118.55	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4813	2.954	ng	# 66
19) n-Nitroso-di-n-propylamine	10.06	70	33156	21.868	ng	# 77
50) 2,6-Dinitrotoluene	15.47	165	10709	7.046	ng	# 18
53) 2,4-Dinitrophenol	16.04	184	71	7.725	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	10826	4.838	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	17602	5.778	ng	# 1
76) Benzidine	20.39	184	24101	3.100	ng	96

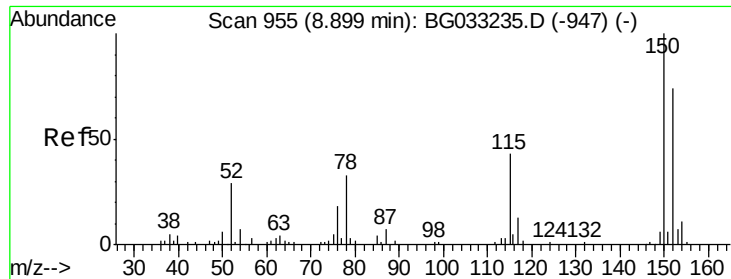
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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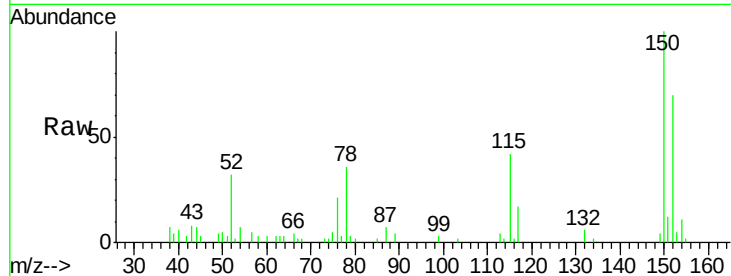


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033812.D
Acq: 16 Apr 2018 12:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.7	126.6	189.8
115	60.7	53.0	79.4

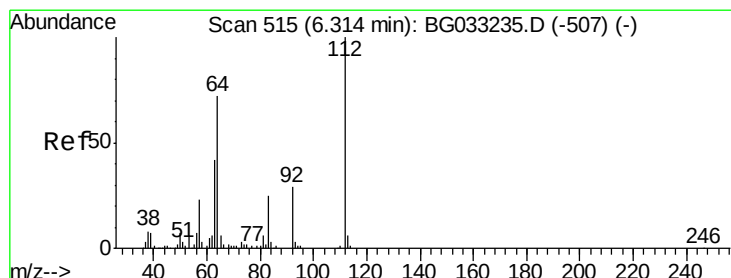
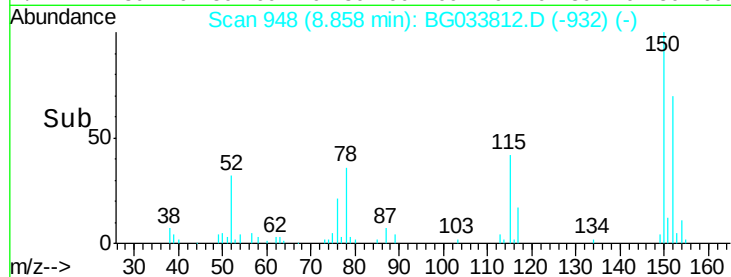
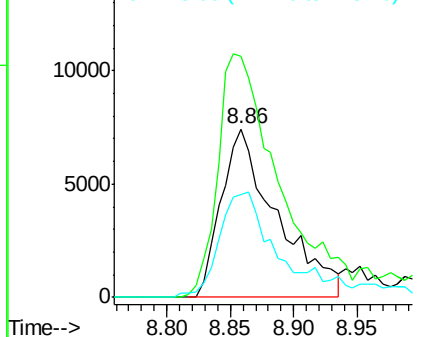


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

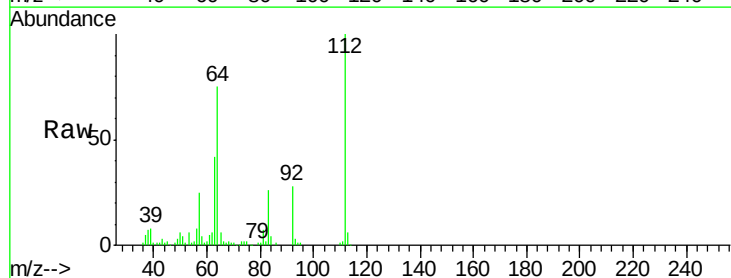
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 202.032 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.01 min
Lab File: BG033812.D
Acq: 16 Apr 2018 12:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	42.2	30.1	45.1

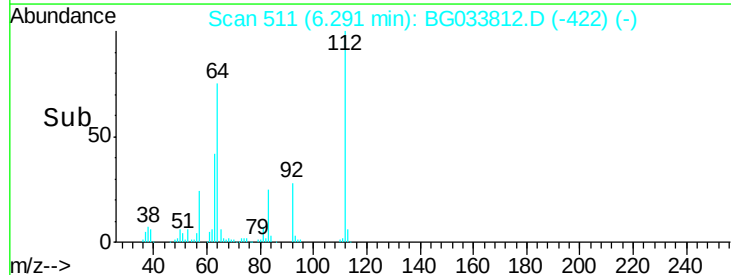
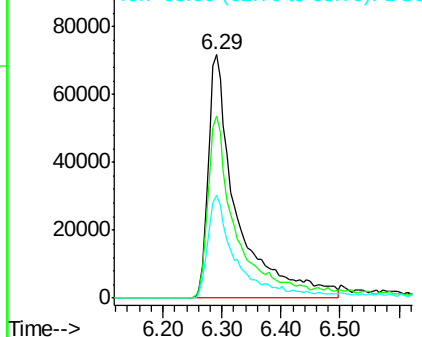


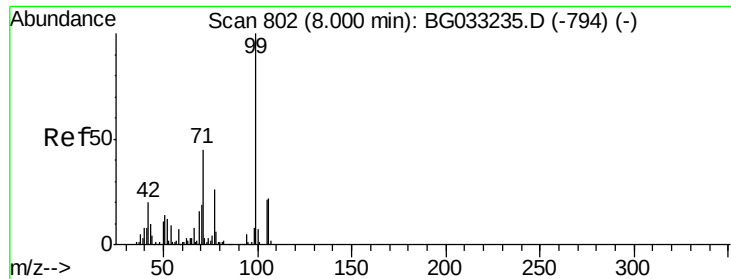
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 151.045 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

Instrument :

BNA_G

ClientSampled :

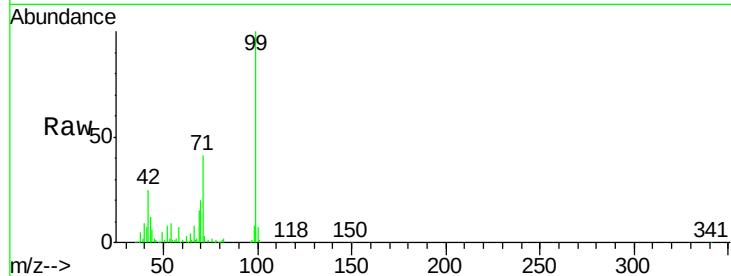
Tot Ion: 99 Resp: 312532

Ion Ratio Lower Upper

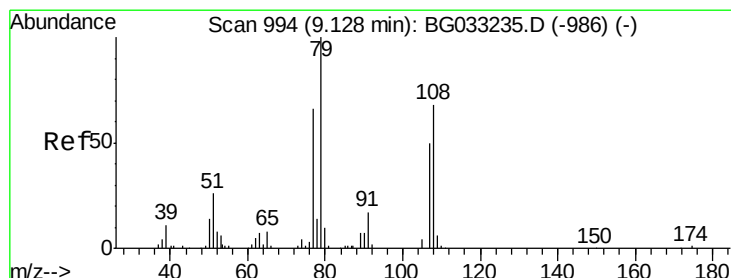
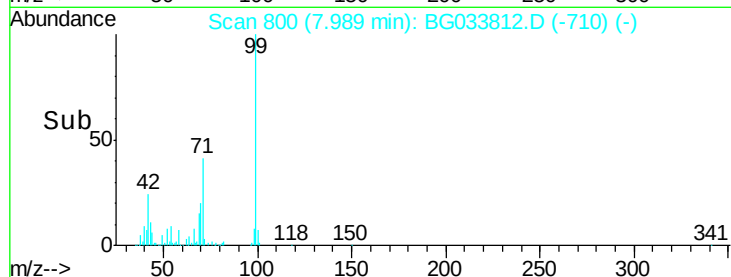
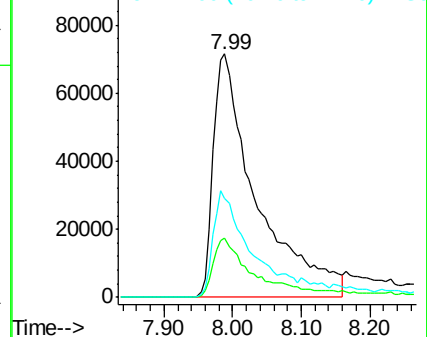
99 100

42 24.6 14.1 21.1#

71 40.8 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: 2.954 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

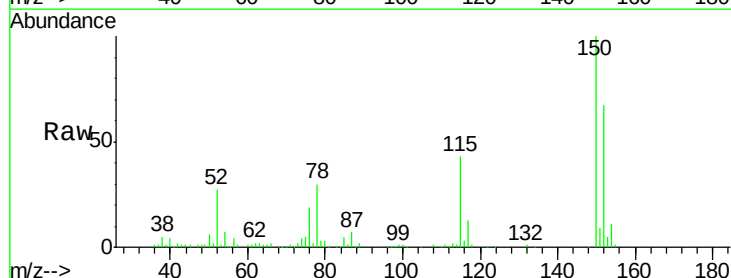
Tgt Ion: 79 Resp: 4813

Ion Ratio Lower Upper

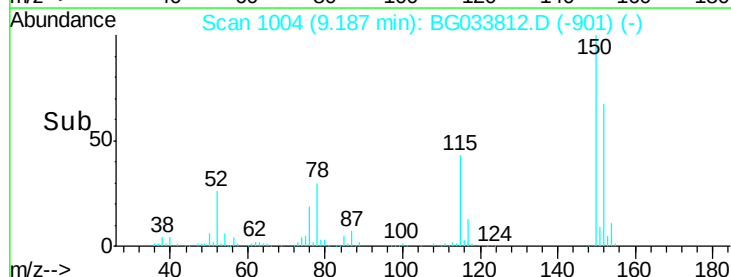
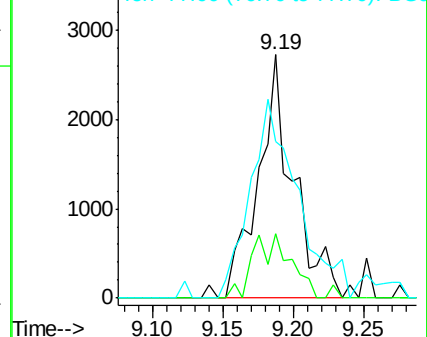
79 100

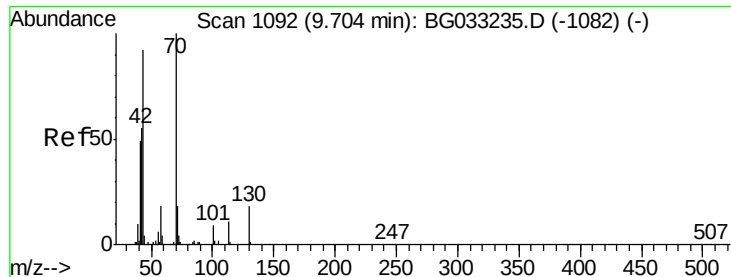
108 26.3 57.2 85.8#

77 64.2 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

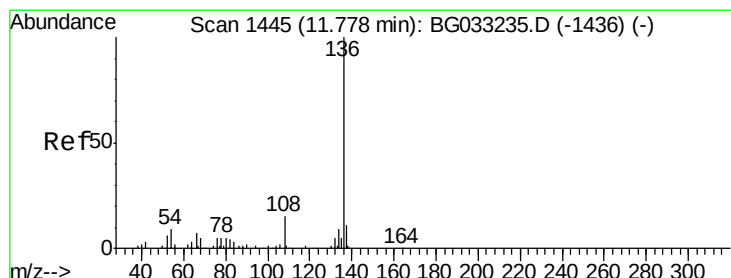
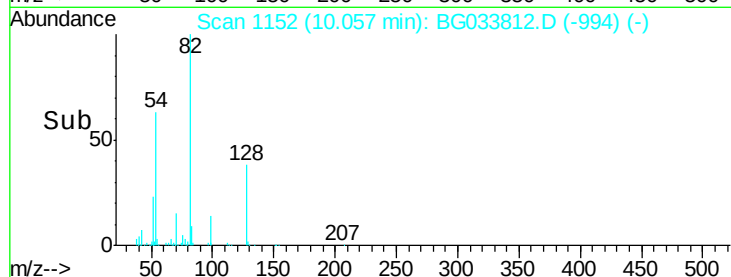
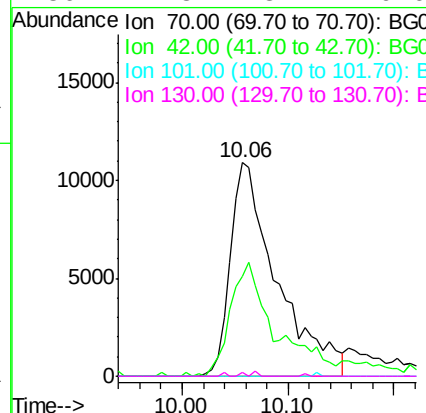
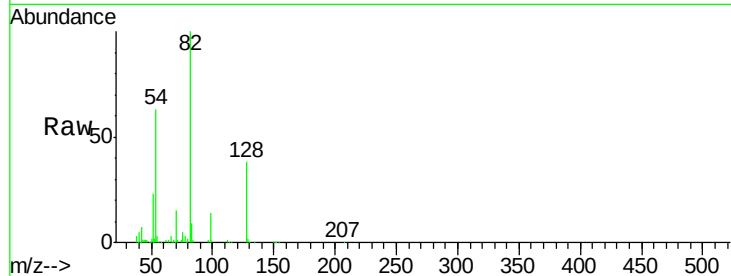




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.868 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.40 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

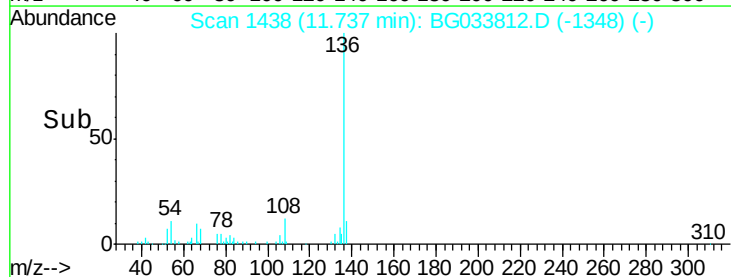
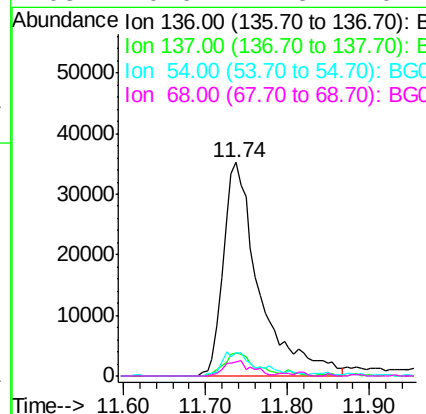
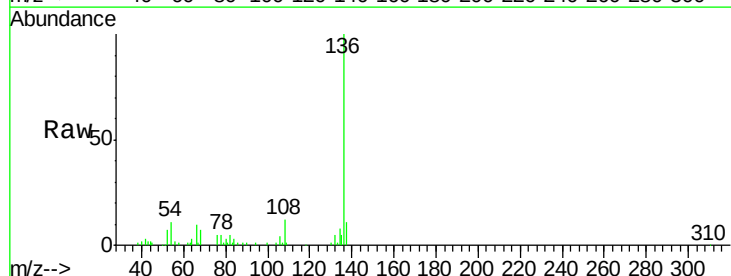
Instrument :
 BNA_G
 ClientSampleId :

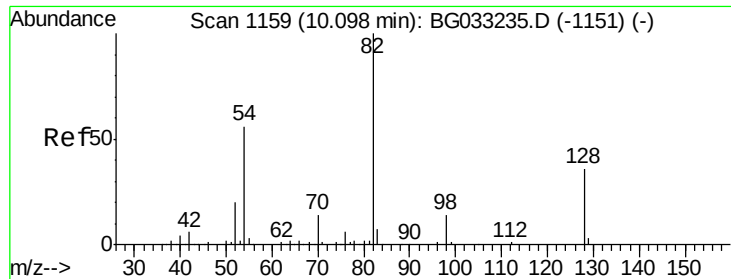
Tot Ion: 70 Resp: 33156
 Ion Ratio Lower Upper
 70 100
 42 46.6 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.8 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Tgt Ion: 136 Resp: 108474
 Ion Ratio Lower Upper
 136 100
 137 10.9 9.2 13.8
 54 11.0 10.3 15.5
 68 6.6 4.5 6.7

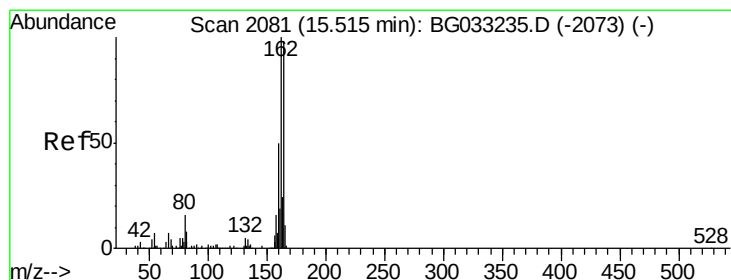
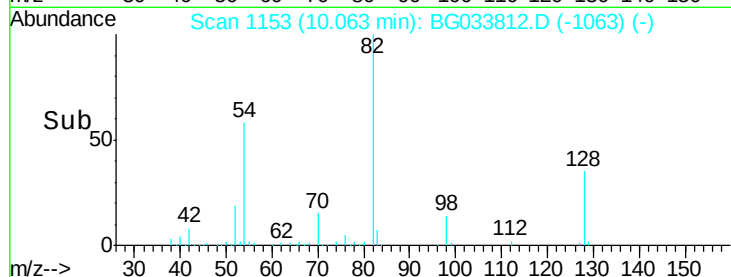
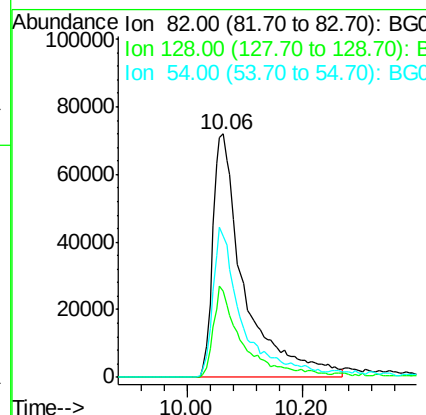
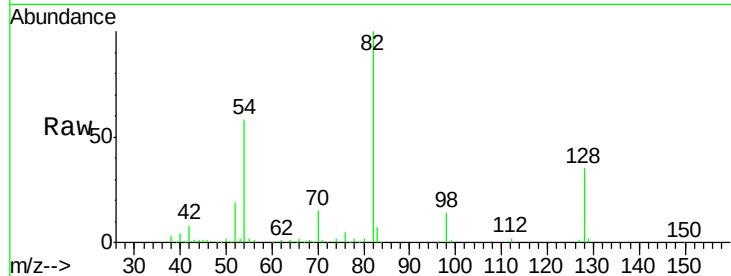




#23
 Nitrobenzene-d5
 Concen: 115.580 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

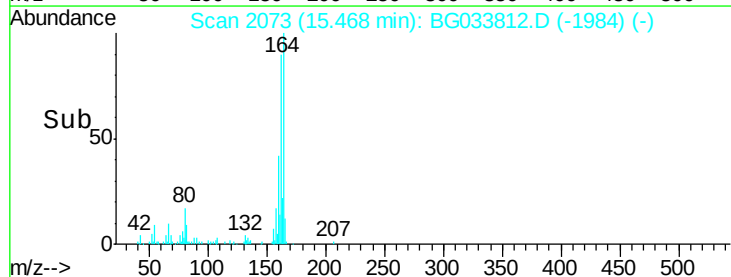
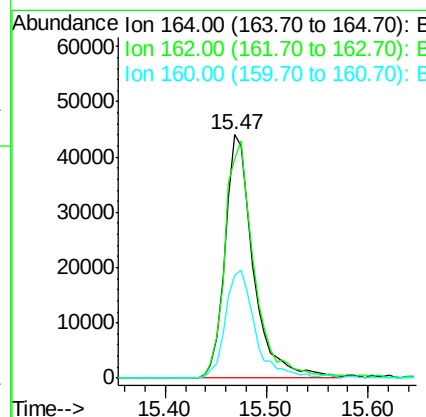
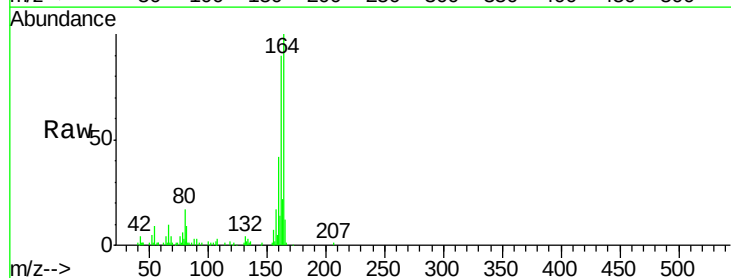
Instrument :
 BNA_G
 ClientSampled :

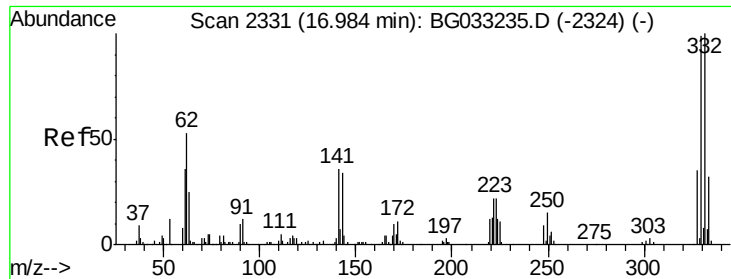
Tot Ion	82	Resp	272885
Ion Ratio	Lower	Upper	
82	100		
128	35.2	29.7	44.5
54	57.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Tgt Ion	164	Resp	85412
Ion Ratio	Lower	Upper	
164	100		
162	90.2	78.8	118.2
160	42.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 181.998 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

Instrument :

BNA_G

ClientSampleId :

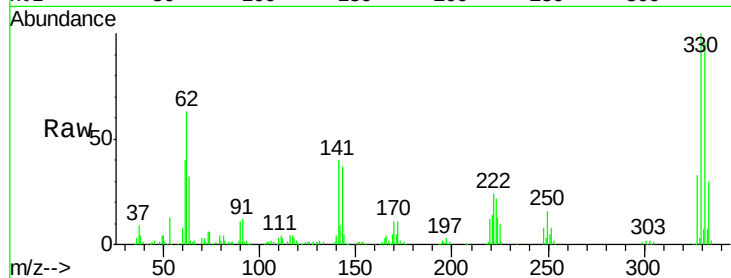
Tot Ion:330 Resp: 232491

Ion Ratio Lower Upper

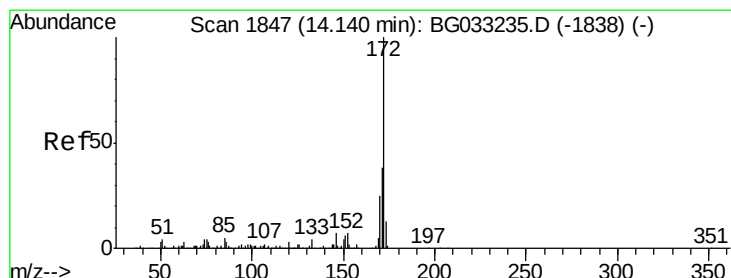
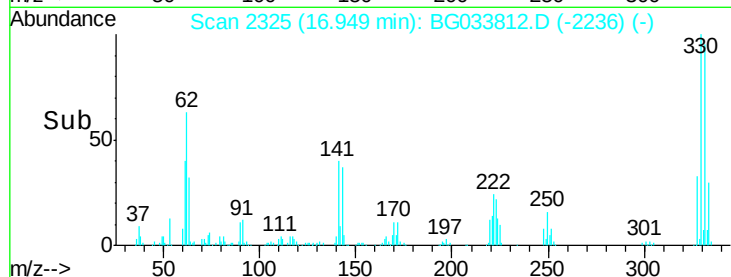
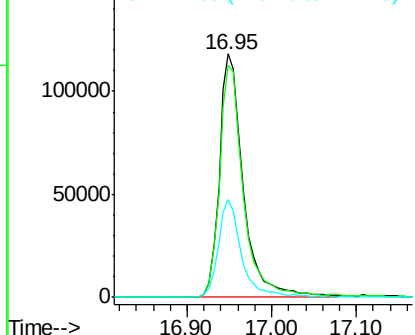
330 100

332 95.0 77.0 115.6

141 38.3 25.2 37.8#



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



#44

2-Fluorobiphenyl

Concen: 112.132 ng

RT: 14.10 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

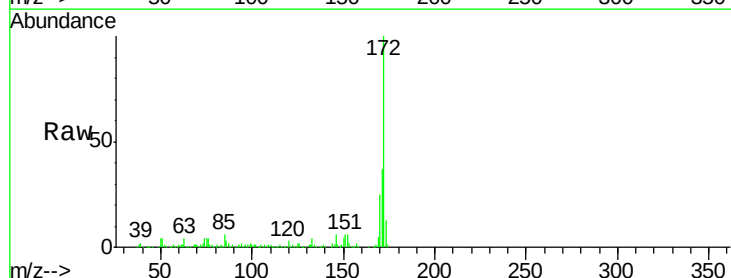
Tgt Ion:172 Resp: 663421

Ion Ratio Lower Upper

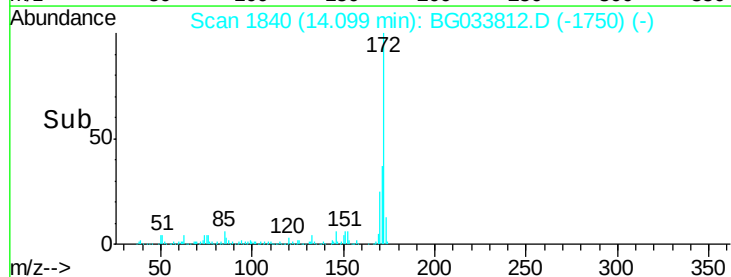
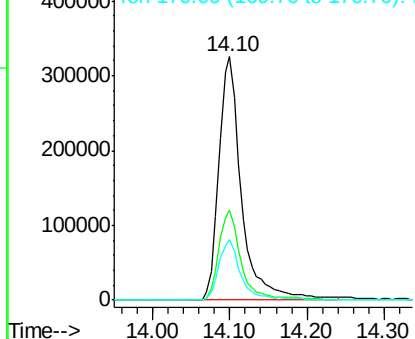
172 100

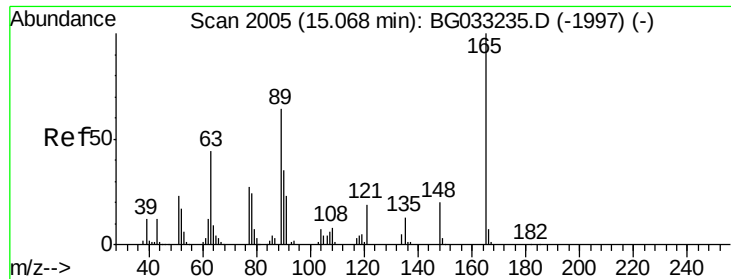
171 36.8 30.0 45.0

170 24.6 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

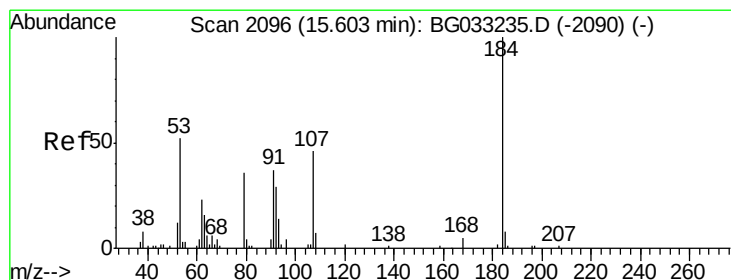
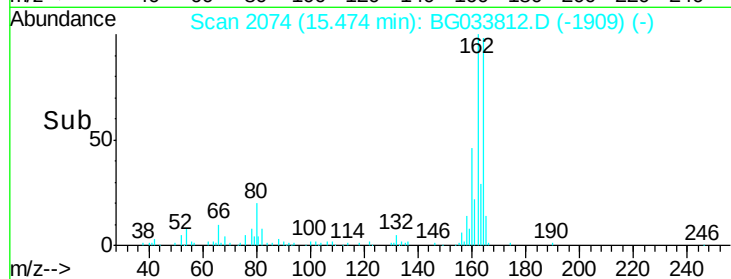
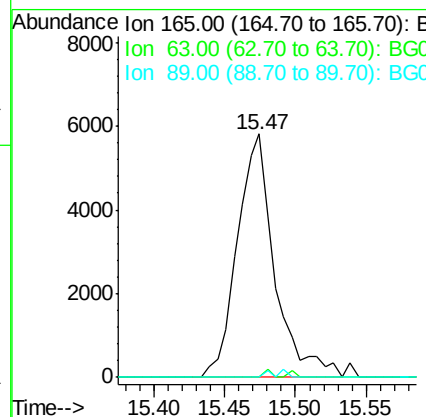
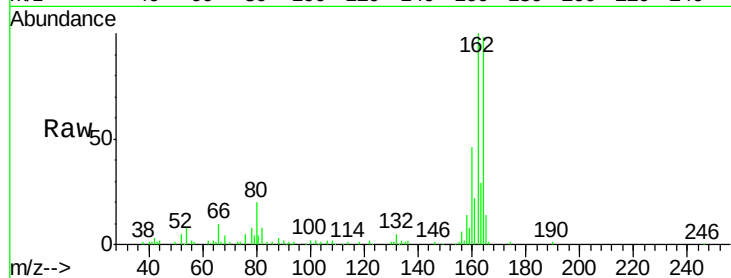




#50
 2,6-Dinitrotoluene
 Concen: 7.046 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

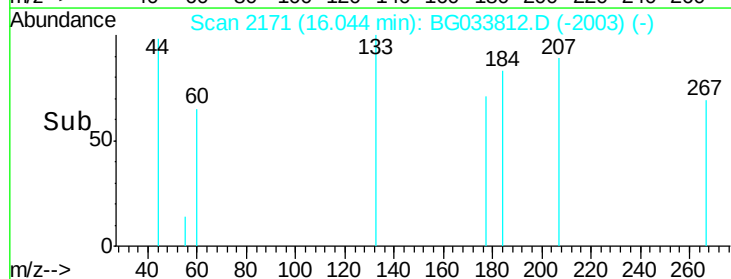
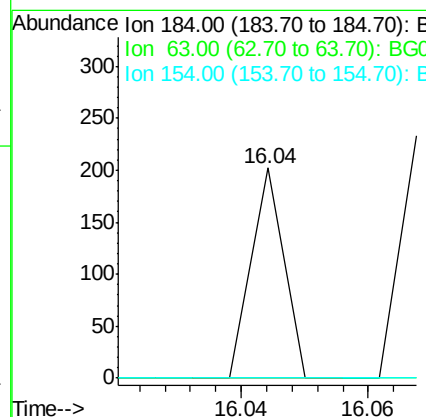
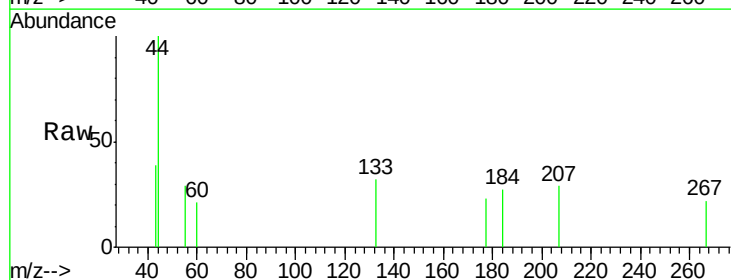
Instrument :
 BNA_G
 ClientSampleId :

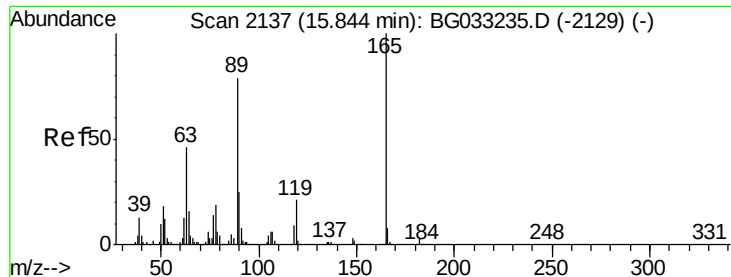
Tot Ion:165 Resp: 10709
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.725 ng
 RT: 16.04 min Scan# 2171
 Delta R.T. 0.46 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Tgt Ion:184 Resp: 71
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

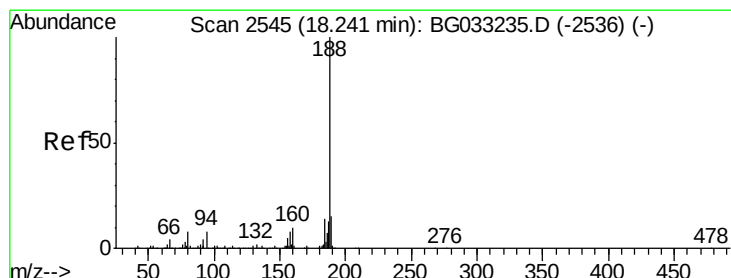
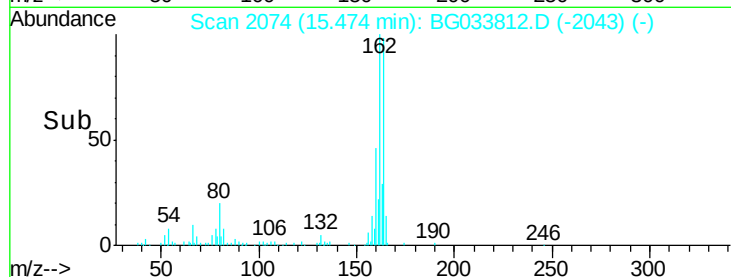
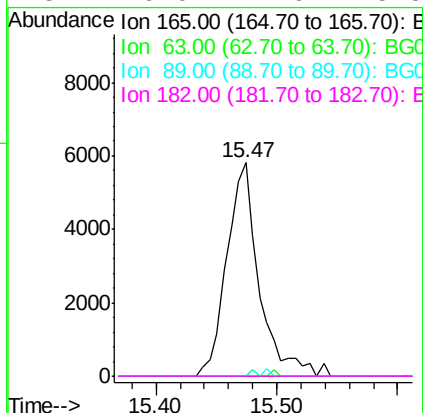
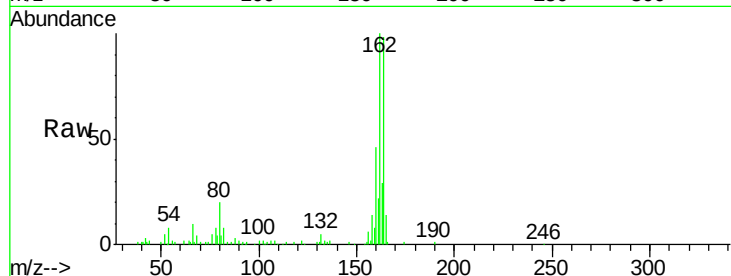




#56
 2,4-Dinitrotoluene
 Concen: 4.838 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

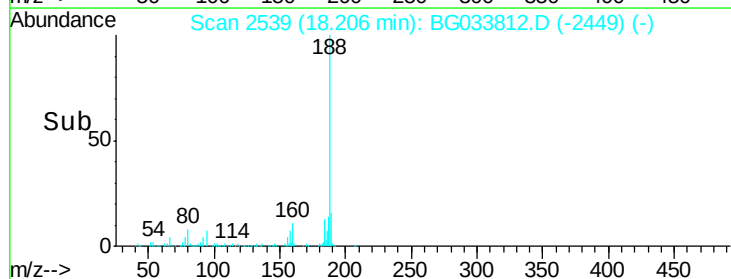
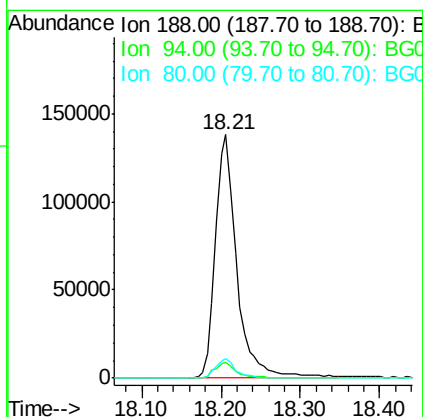
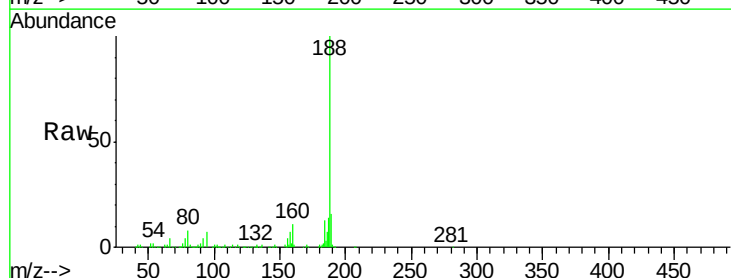
Instrument :
 BNA_G
 ClientSampleId :

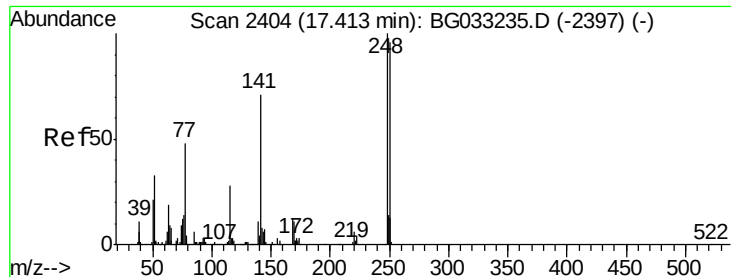
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	8.0	7.7	11.5

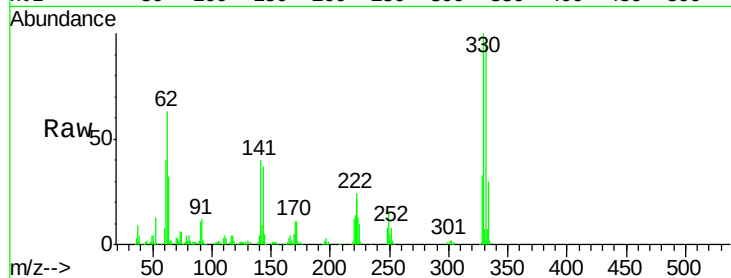




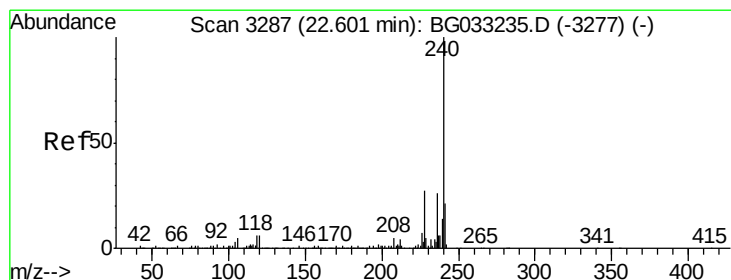
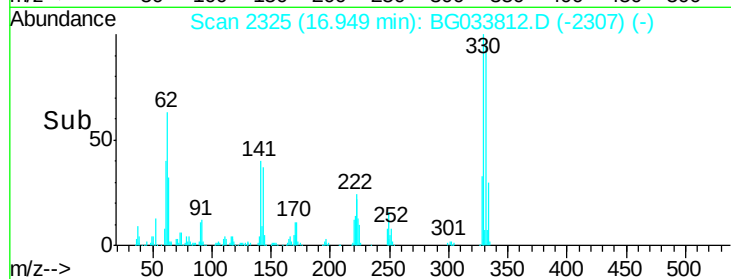
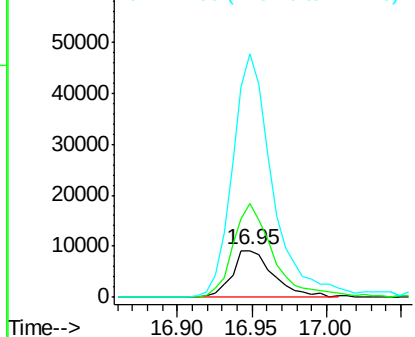
#66
4-Bromophenyl-phenylether
Concen: 5.778 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.42 min
Lab File: BG033812.D
Acq: 16 Apr 2018 12:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17602
Ion Ratio Lower Upper
248 100
250 201.0 77.1 115.7#
141 519.0 50.8 76.2#

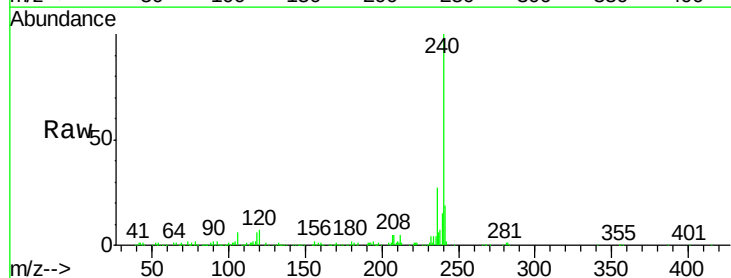


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

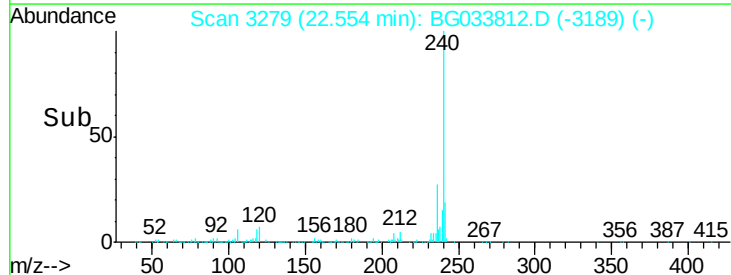
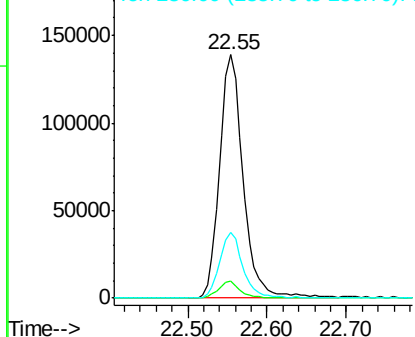


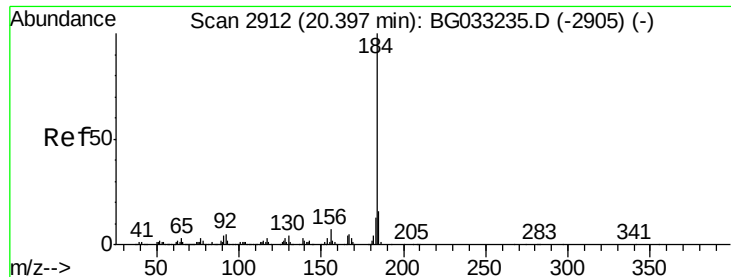
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BG033812.D
Acq: 16 Apr 2018 12:26

Tgt Ion:240 Resp: 286659
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.100 ng

RT: 20.39 min Scan# 2910

Delta R.T. 0.01 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

Instrument :

BNA_G

ClientSampled :

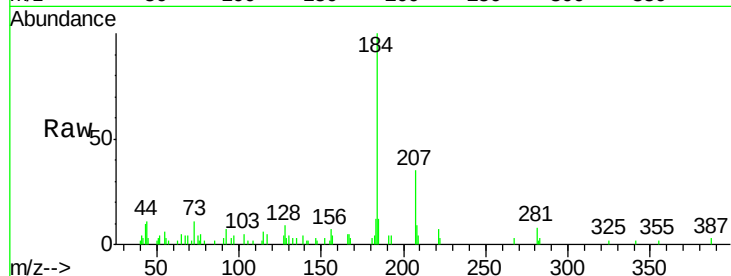
Tot Ion:184 Resp: 24101

Ion Ratio Lower Upper

184 100

185 12.4 11.1 16.7

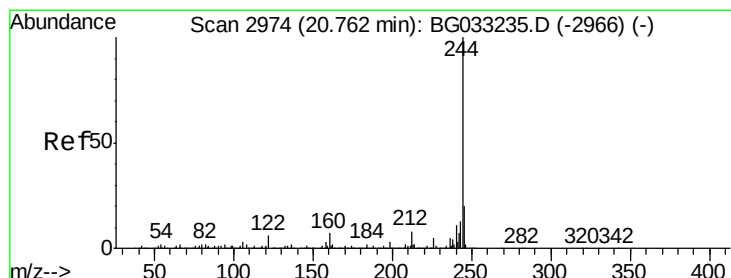
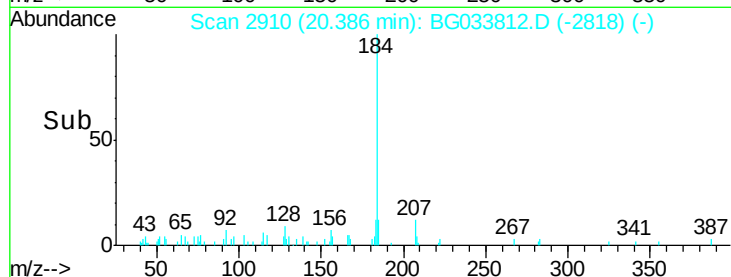
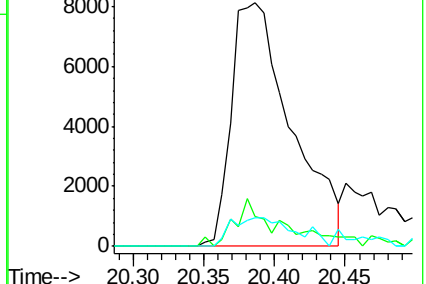
183 11.9 10.6 16.0



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: 118.549 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033812.D

Acq: 16 Apr 2018 12:26

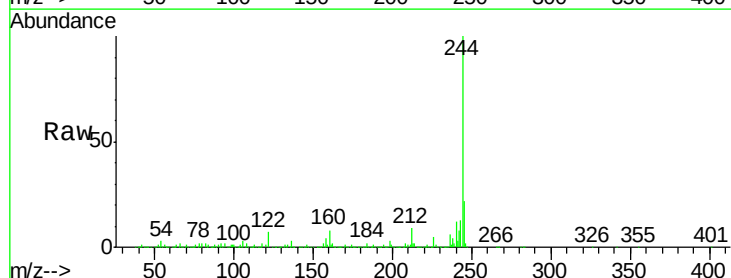
Tgt Ion:244 Resp: 1589035

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

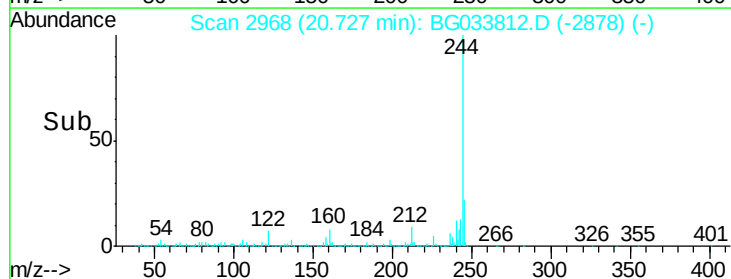
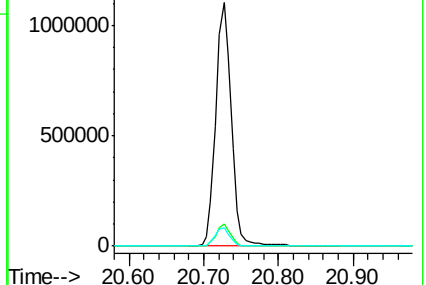
122 7.4 7.0 10.4

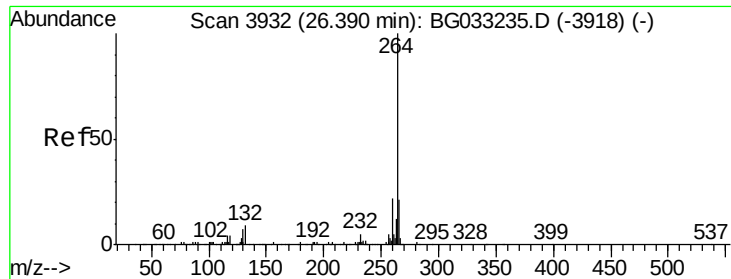


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BG033812.D
 Acq: 16 Apr 2018 12:26

Instrument :
 BNA_G
 ClientSampleId :

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

