

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033750.D
 Acq On : 11 Apr 2018 18:09
 Operator : SJ/JU
 Sample : PB108149BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:35:05 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

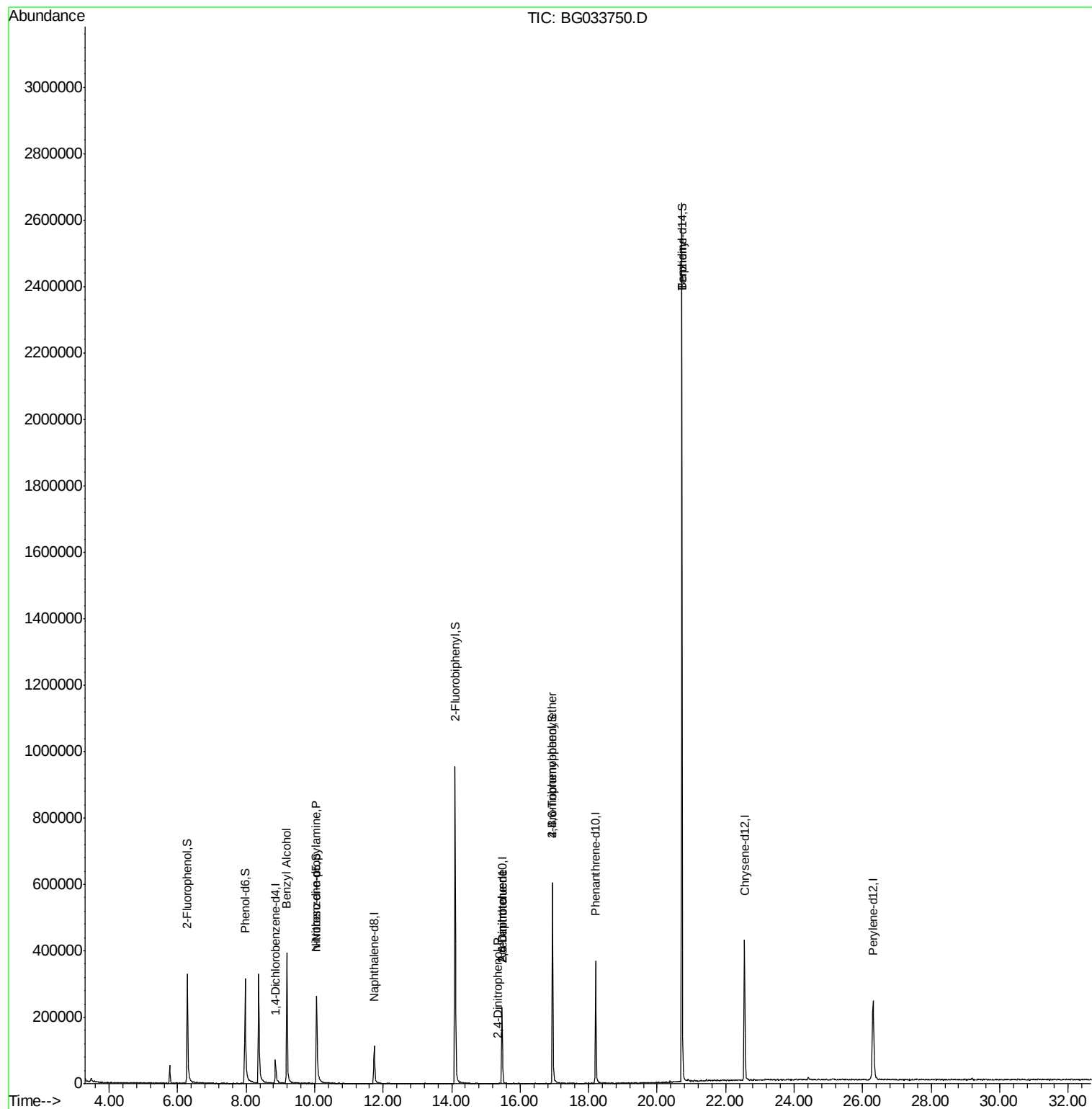
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	27116	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	115390	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	86904	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	265009	20.00	ng	0.00
75) Chrysene-d12	22.55	240	297359	20.00	ng	0.00
86) Perylene-d12	26.30	264	319522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	161559	111.72	ng	0.00
7) Phenol-d6	7.97	99	238239	95.88	ng	0.00
23) Nitrobenzene-d5	10.05	82	224289	89.30	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	120673	92.84	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	548029	91.04	ng	0.00
78) Terphenyl-d14	20.72	244	1291284	92.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4483	2.292	ng	# 51
19) n-Nitroso-di-n-propylamine	10.05	70	29917	16.432	ng	# 74
50) 2,6-Dinitrotoluene	15.47	165	10397	6.723	ng	# 23
53) 2,4-Dinitrophenol	15.34	184	66	7.717	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	10397	4.566	ng	# 20
66) 4-Bromophenyl-phenylether	16.94	248	8863	2.848	ng	# 1
76) Benzidine	20.72	184	20947	2.598	ng	# 92

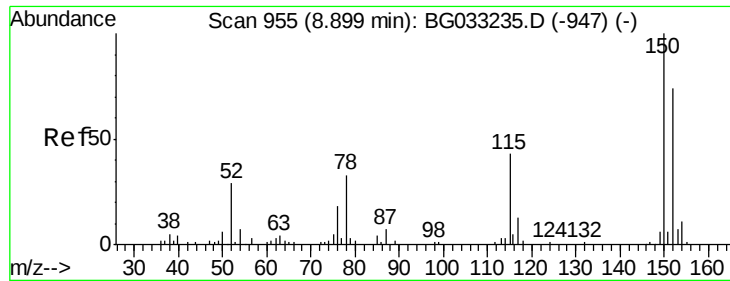
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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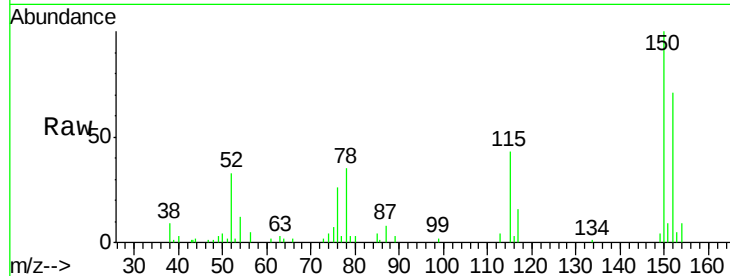


#1

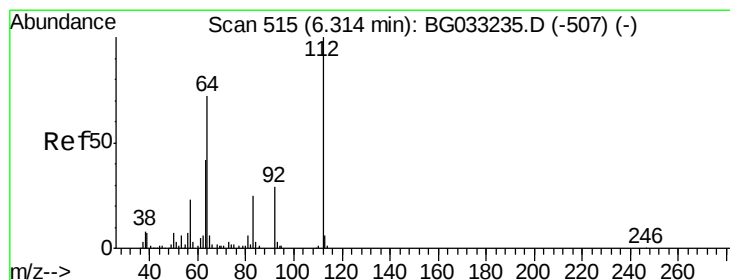
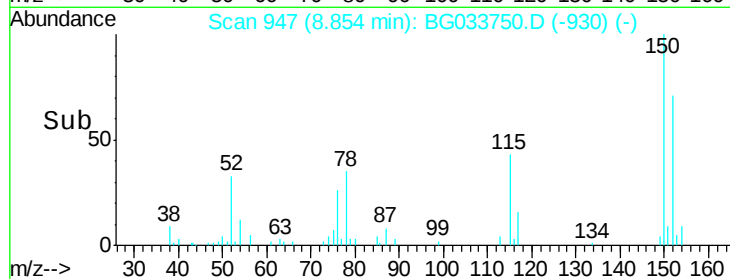
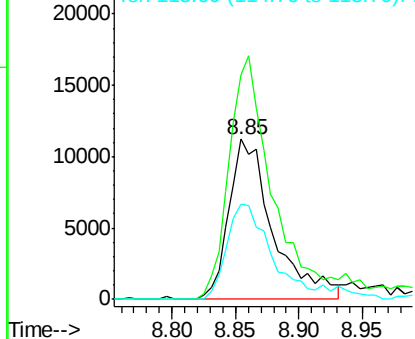
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 27116
Ion Ratio Lower Upper
152 100
150 140.5 126.6 189.8
115 59.8 53.0 79.4



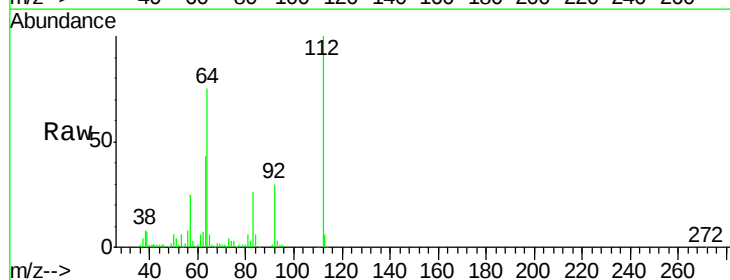
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



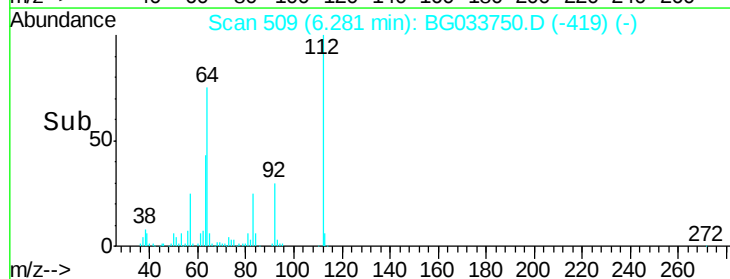
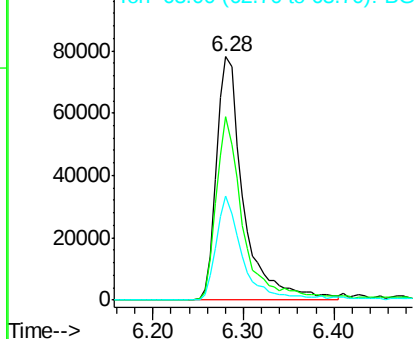
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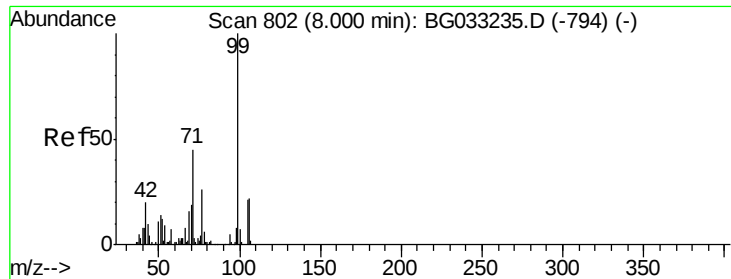
2-Fluorophenol
Concen: 111.721 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

Tgt Ion:112 Resp: 161559
Ion Ratio Lower Upper
112 100
64 75.3 56.3 84.5
63 42.6 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: 95.883 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

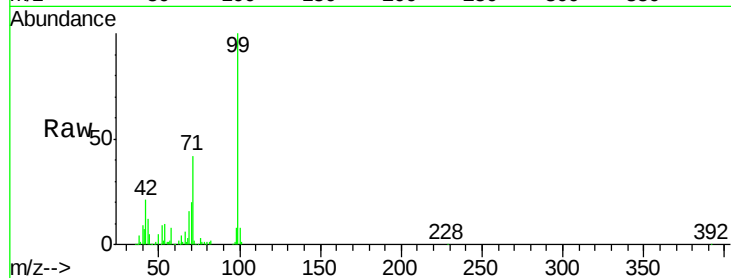
Tot Ion: 99 Resp: 238239

Ion Ratio Lower Upper

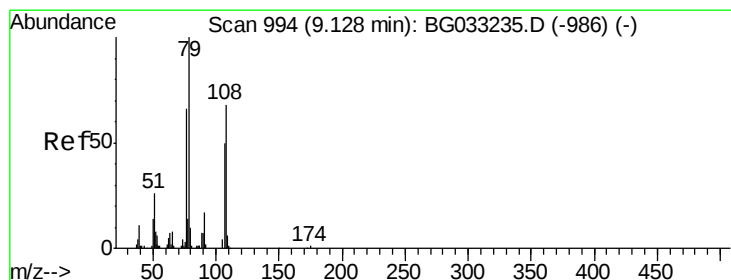
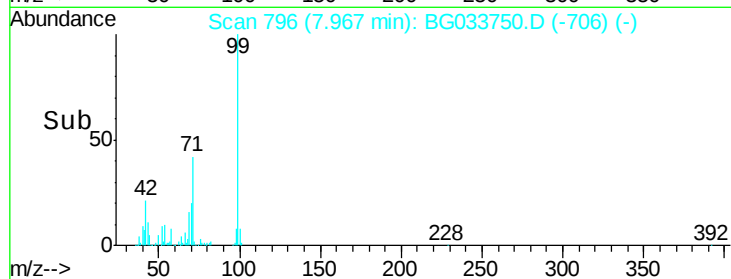
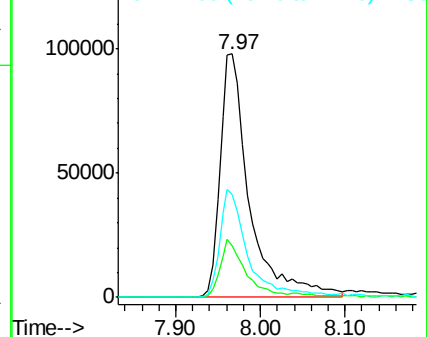
99 100

42 21.2 14.1 21.1#

71 42.4 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: 2.292 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

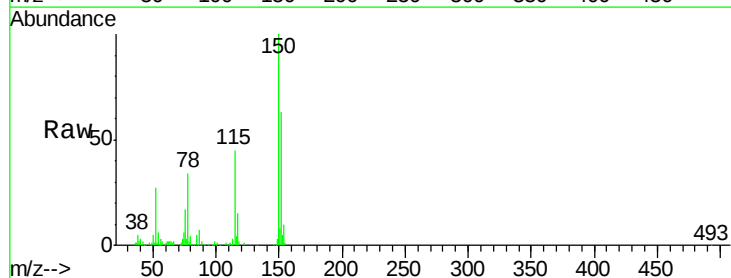
Tgt Ion: 79 Resp: 4483

Ion Ratio Lower Upper

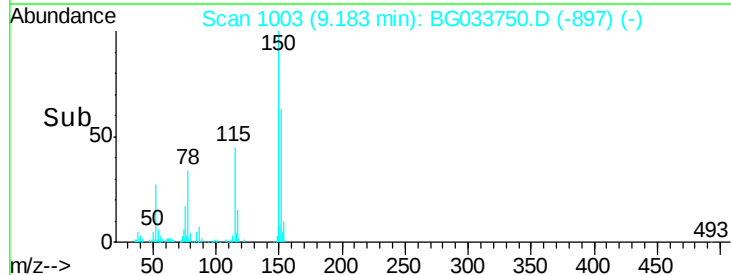
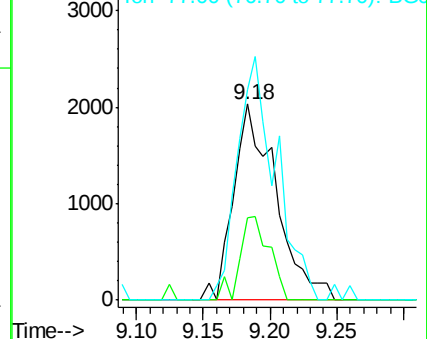
79 100

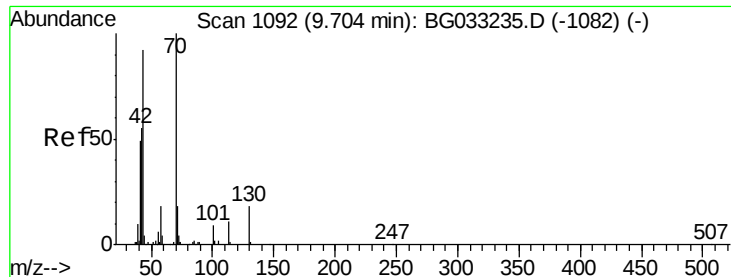
108 42.2 57.2 85.8#

77 107.2 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

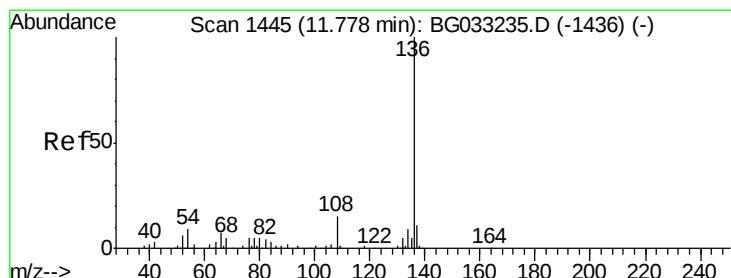
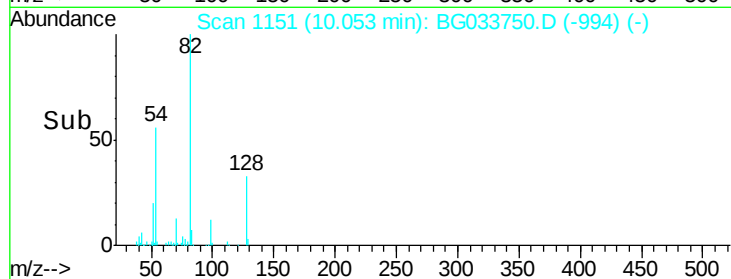
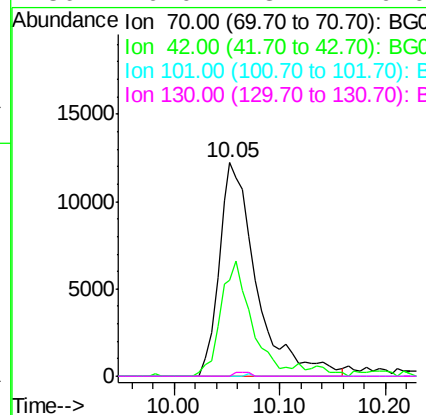
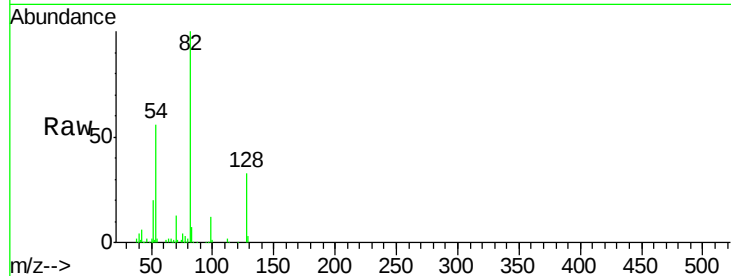




#19
n-Nitroso-di-n-propylamine
Concen: 16.432 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

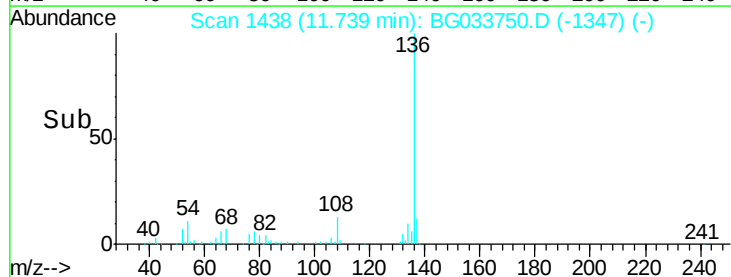
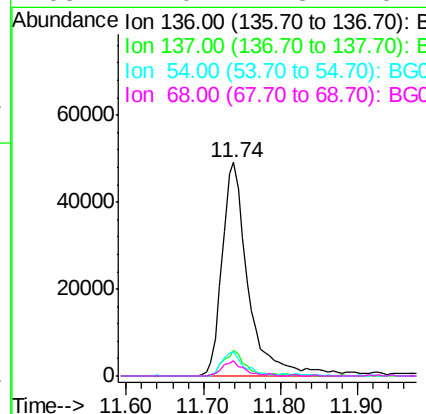
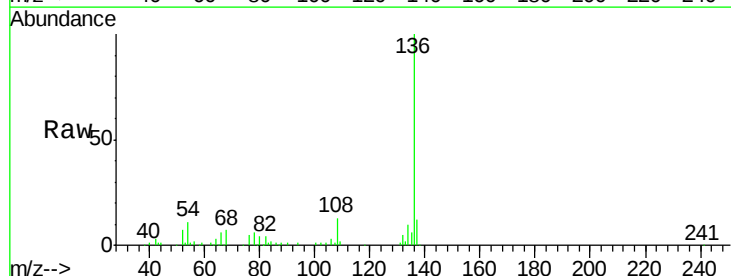
Instrument :
BNA_G
ClientSampleId :

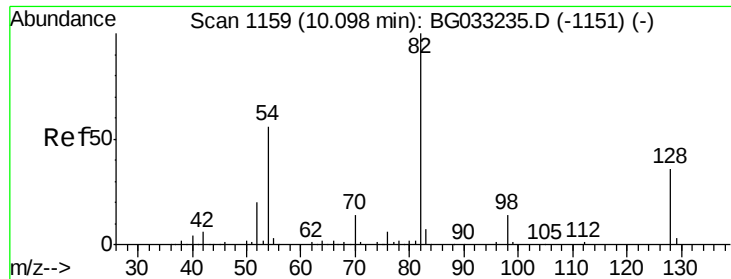
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.7	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	12.0	10.3	15.5
68	7.0	4.5	6.7#

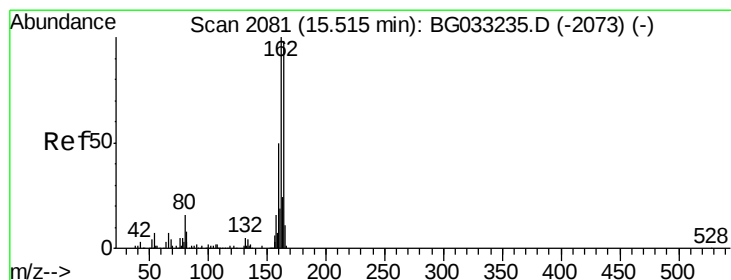
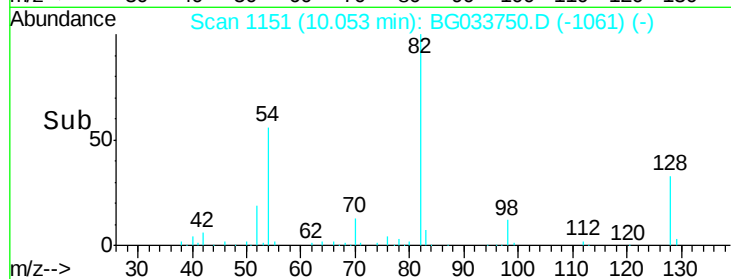
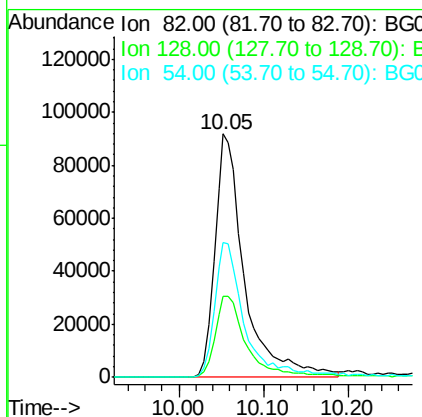
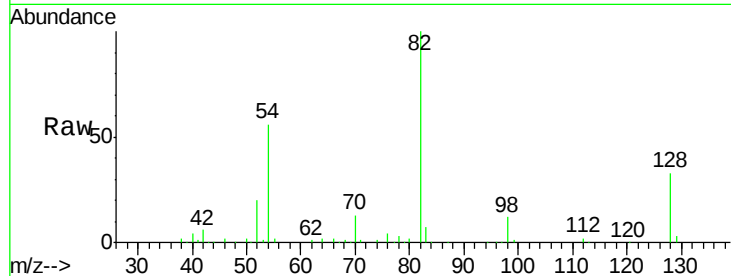




#23
 Nitrobenzene-d5
 Concen: 89.304 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

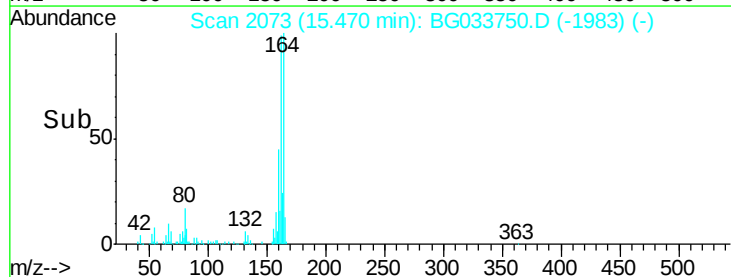
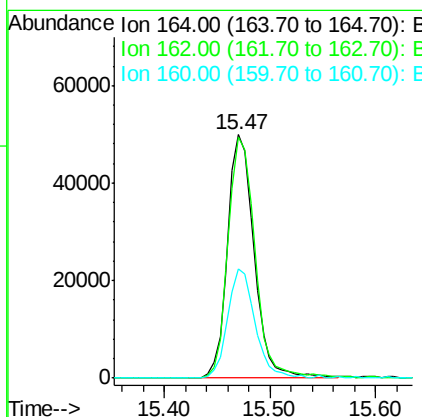
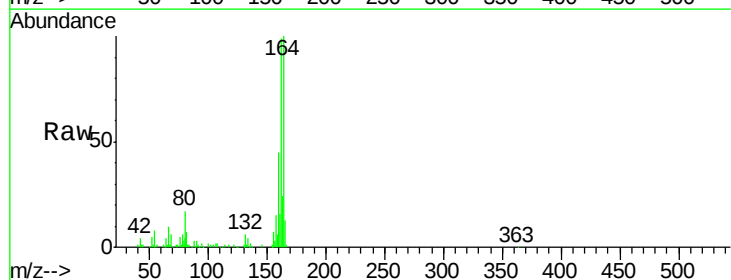
Instrument :
 BNA_G
 ClientSampleId :

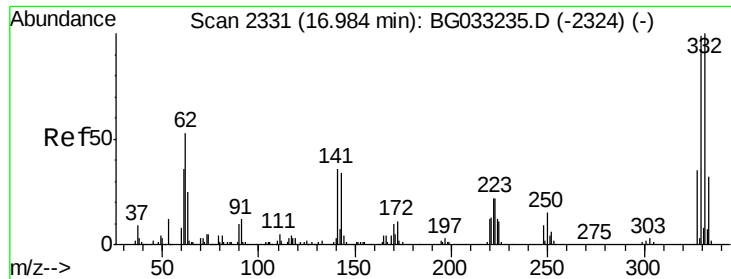
Tot Ion: 82 Resp: 224289
 Ion Ratio Lower Upper
 82 100
 128 33.4 29.7 44.5
 54 55.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

Tgt Ion: 164 Resp: 86904
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 44.9 35.4 53.0

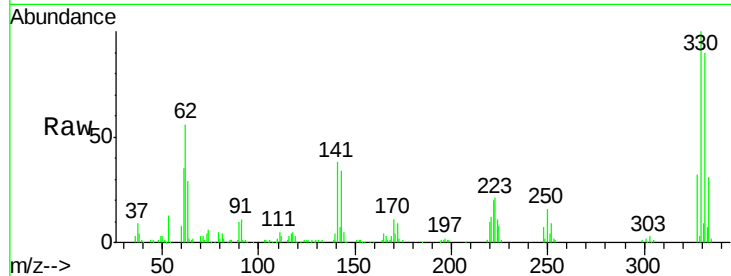




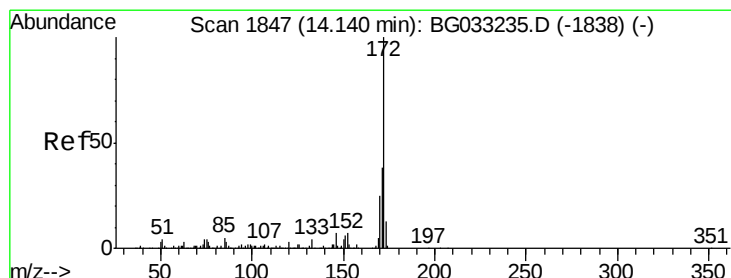
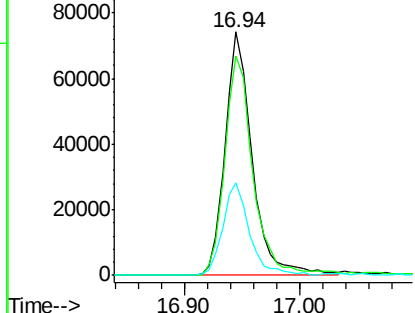
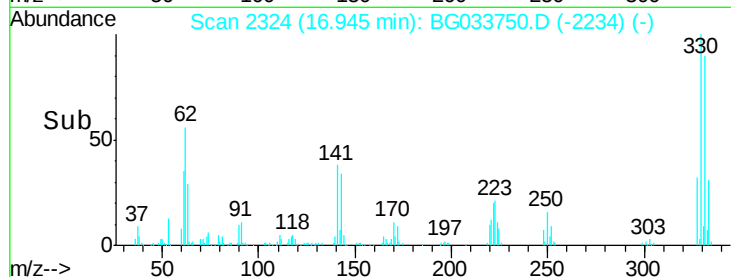
#41
 2,4,6-Tribromophenol
 Concen: 92.843 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	37.5	25.2	37.8

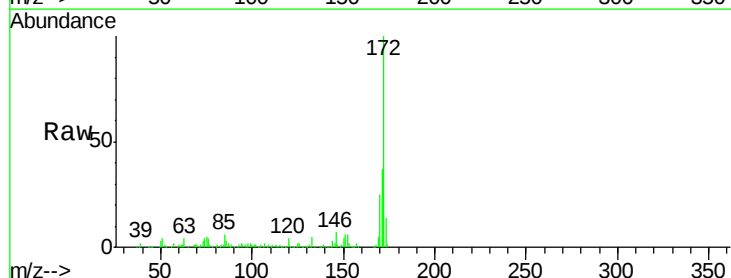


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

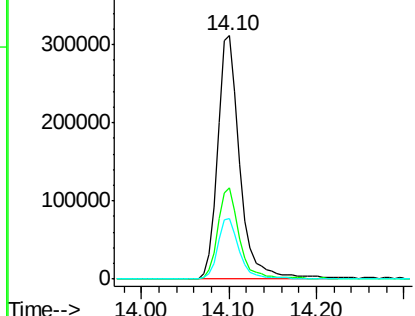
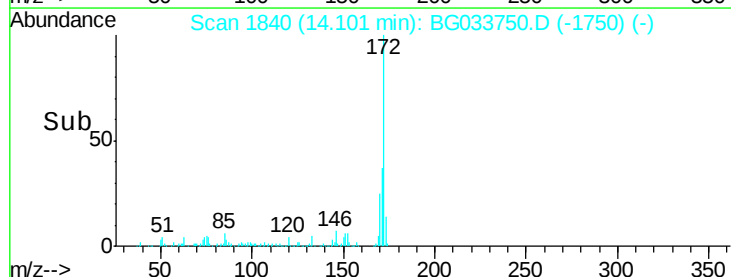


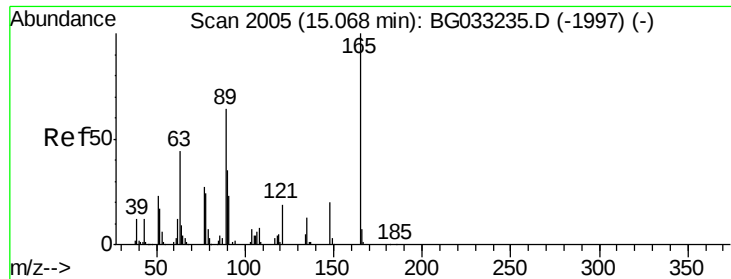
#44
 2-Fluorobiphenyl
 Concen: 91.038 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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

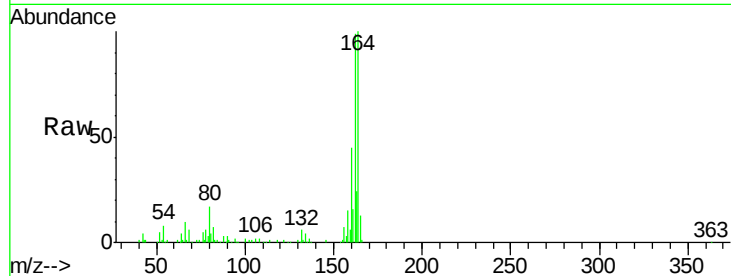




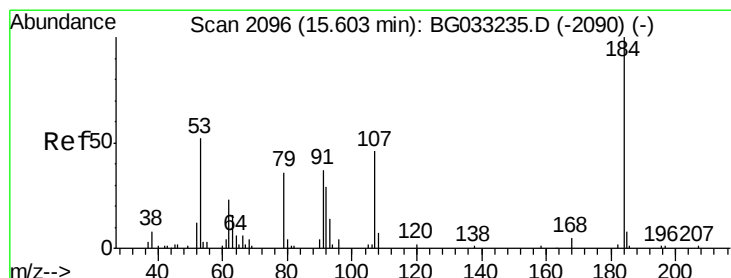
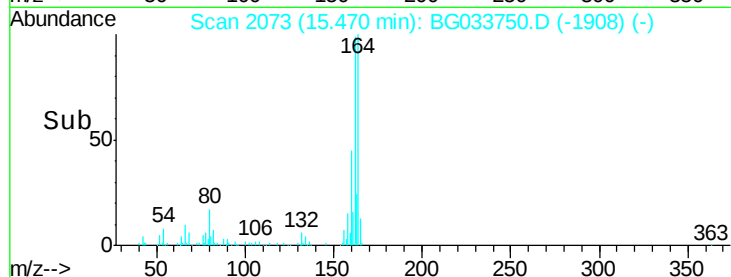
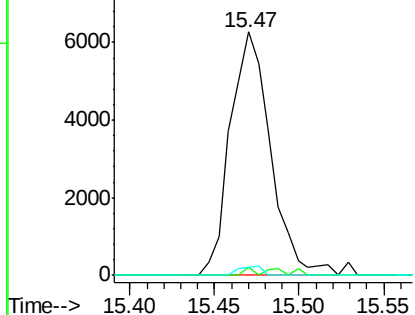
#50
 2,6-Dinitrotoluene
 Concen: 6.723 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.44 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.1	52.7	79.1#
89	3.4	49.2	73.8#

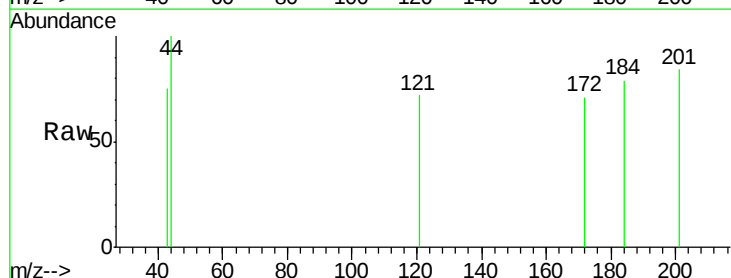


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

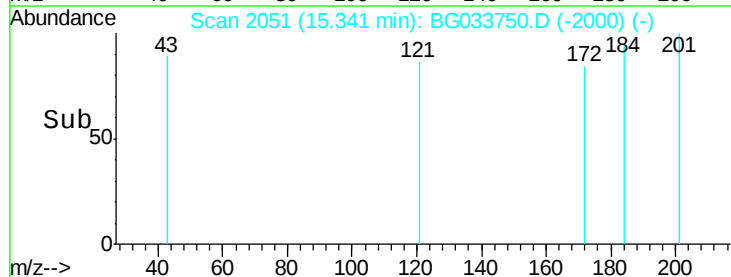
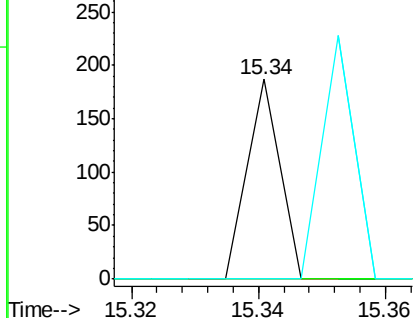


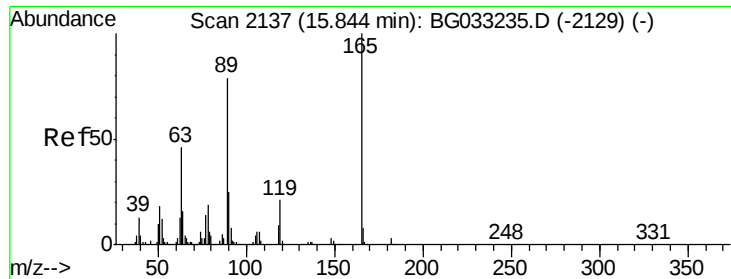
#53
 2,4-Dinitrophenol
 Concen: 7.717 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.23 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

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



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

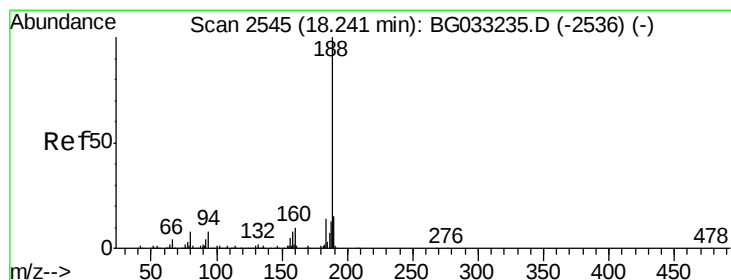
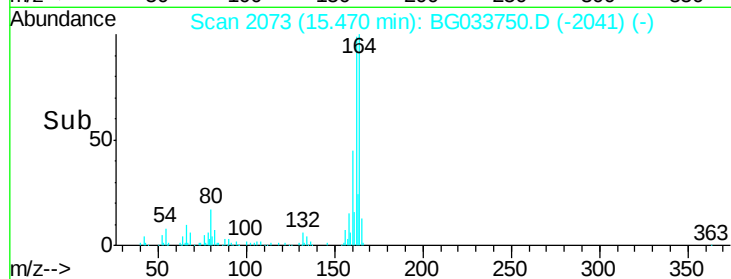
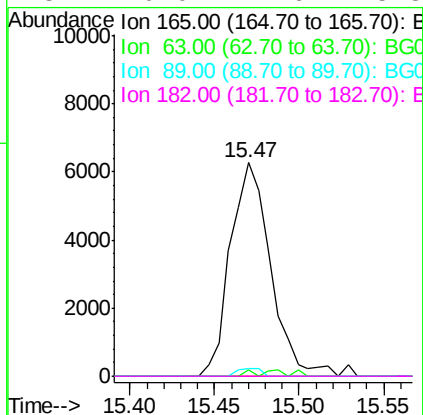
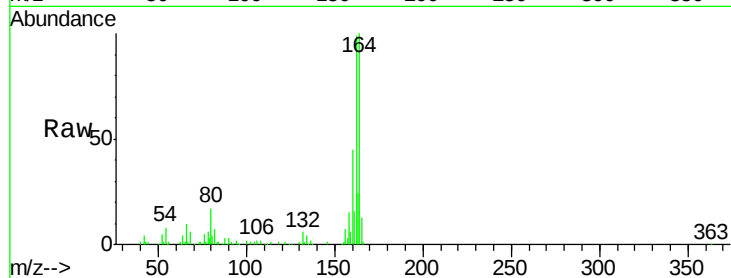




#56
 2,4-Dinitrotoluene
 Concen: 4.566 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

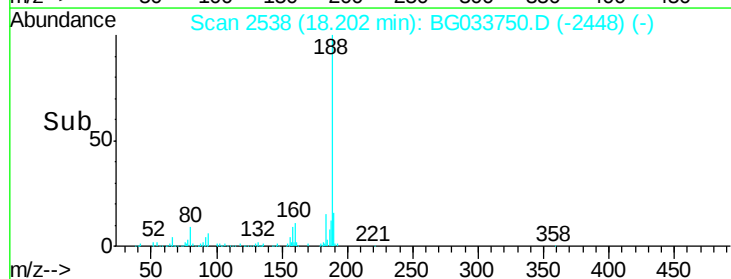
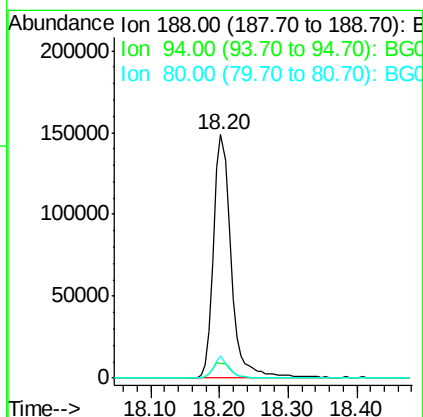
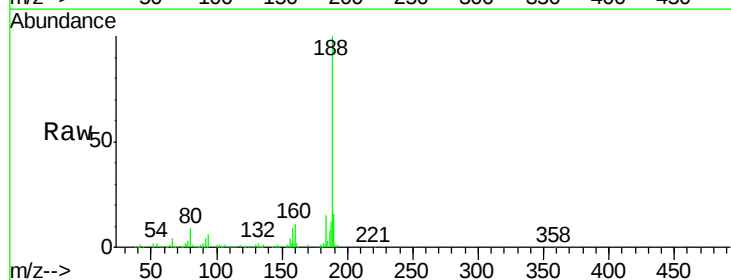
Instrument :
 BNA_G
 ClientSampleId :

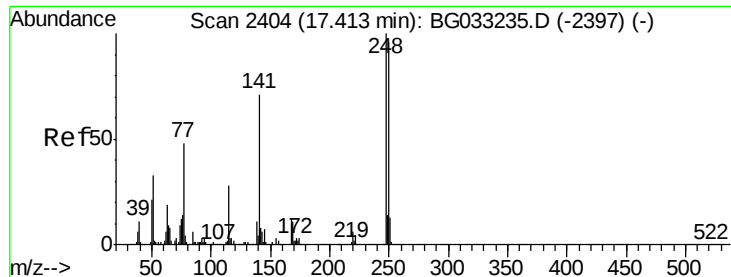
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.1	42.0	63.0#
89	3.4	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033750.D
 Acq: 11 Apr 2018 18:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	9.2	7.7	11.5

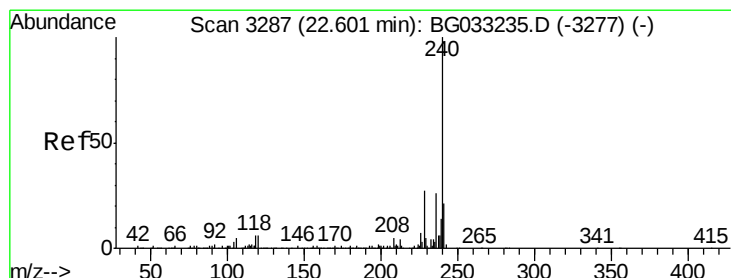
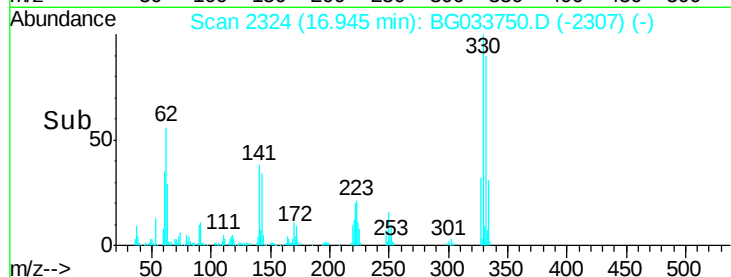
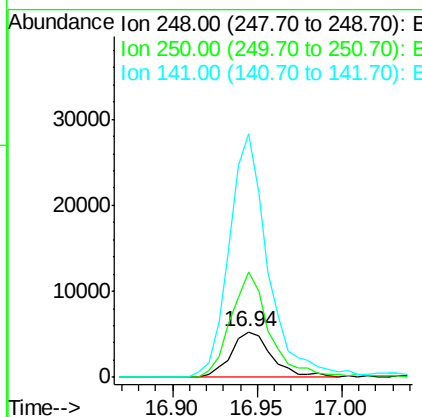
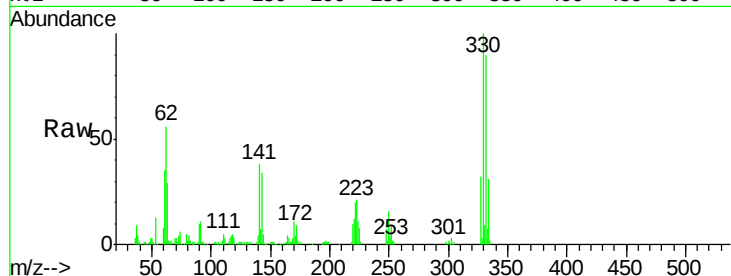




#66
4-Bromophenyl-phenylether
Concen: 2.848 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

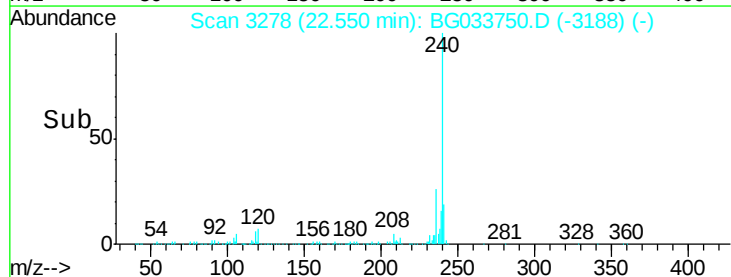
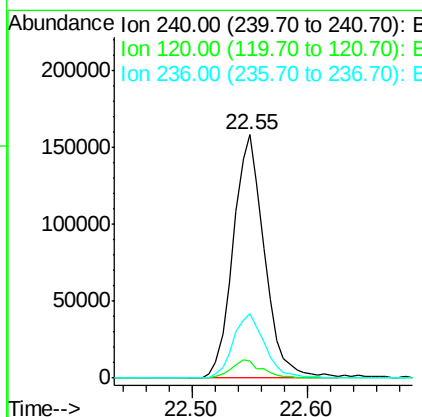
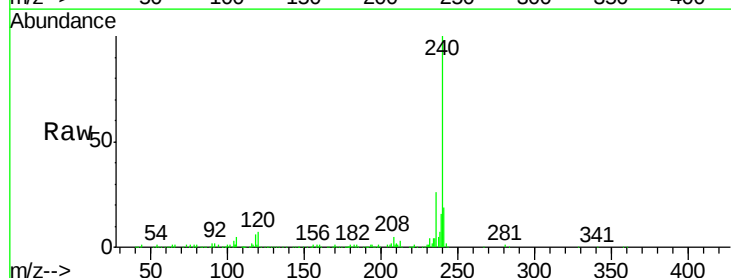
Instrument :
BNA_G
ClientSampleId :

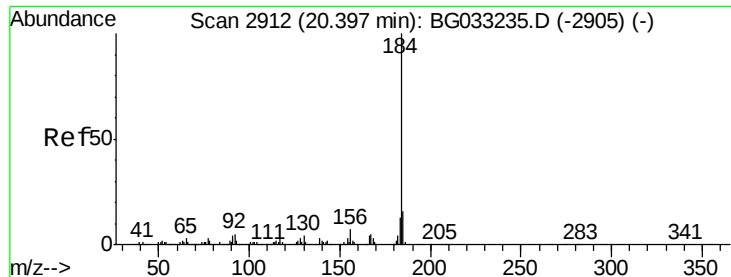
Tot Ion:248 Resp: 8863
Ion Ratio Lower Upper
248 100
250 231.7 77.1 115.7#
141 537.6 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

Tgt Ion:240 Resp: 297359
Ion Ratio Lower Upper
240 100
120 6.8 6.8 10.2#
236 26.4 20.9 31.3





#76

Benzidine

Concen: 2.598 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

Instrument :

BNA_G

ClientSampleId :

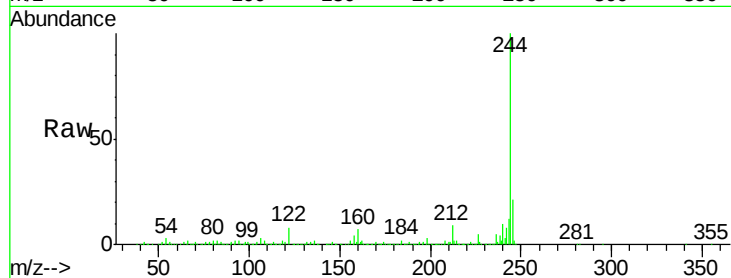
Tot Ion:184 Resp: 20947

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

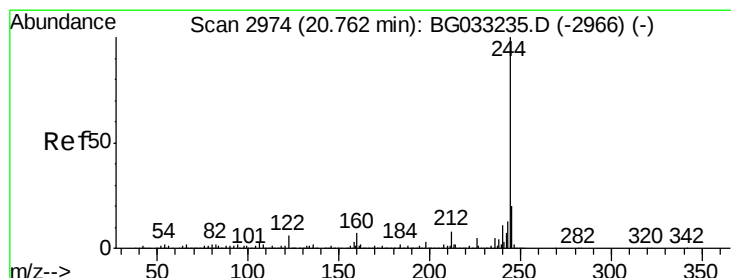
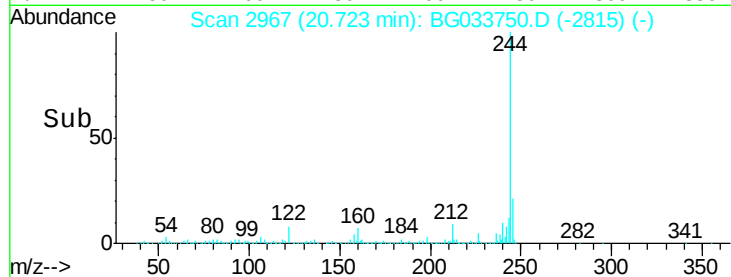
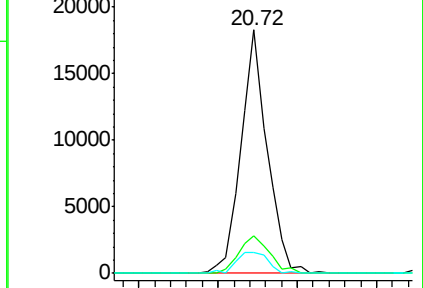
183 8.3 10.6 16.0#



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: 92.869 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033750.D

Acq: 11 Apr 2018 18:09

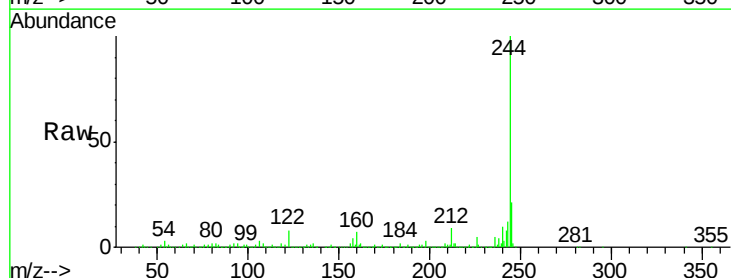
Tgt Ion:244 Resp: 1291284

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

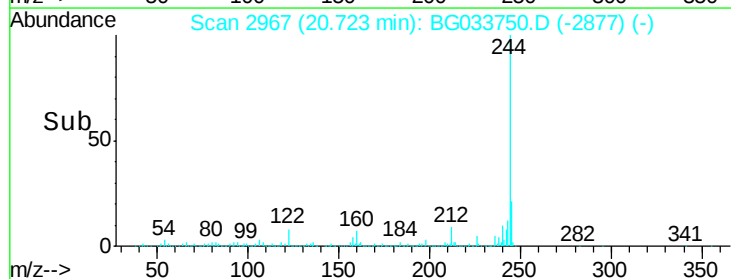
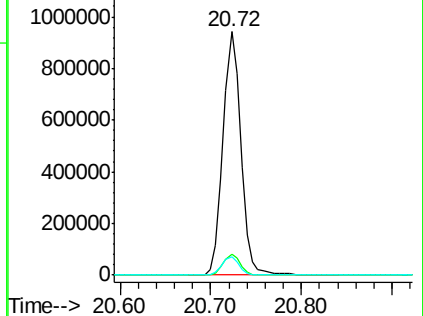
122 7.7 7.0 10.4

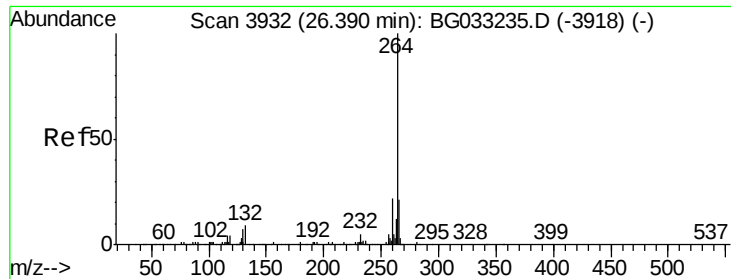


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

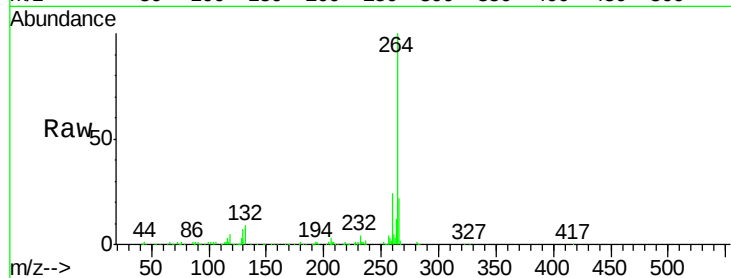




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3917
Delta R.T. -0.00 min
Lab File: BG033750.D
Acq: 11 Apr 2018 18:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.1	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

