

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
 Data File : BG031939.D
 Acq On : 5 Jan 2018 19:07
 Operator : SJ/JU
 Sample : J1011-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 23:12:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

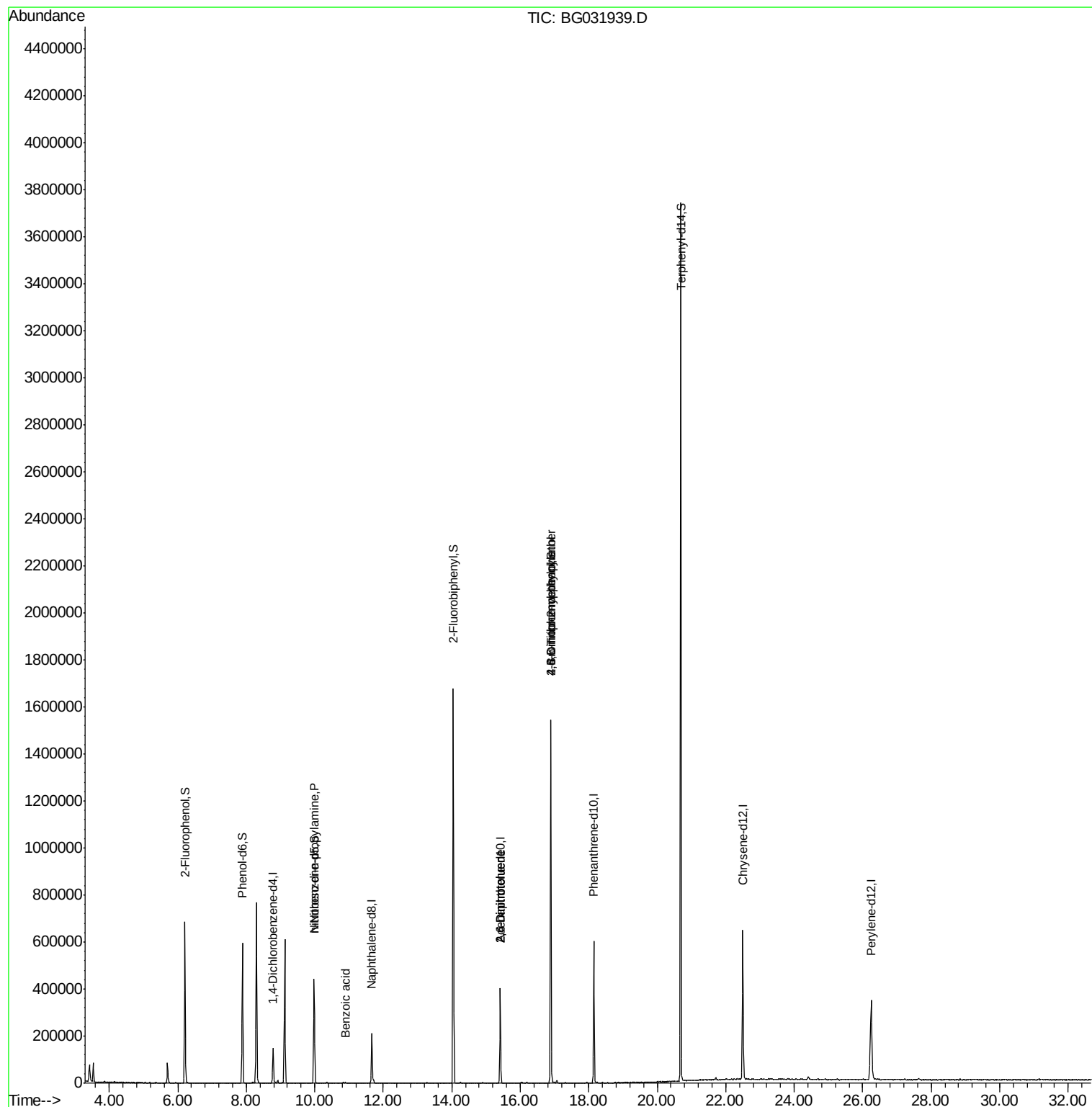
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	51740	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	213359	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	150264	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	412836	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	488792	20.00	ng	-0.02
86) Perylene-d12	26.24	264	478552	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	367309	129.30	ng	0.00
7) Phenol-d6	7.89	99	418029	113.34	ng	0.00
23) Nitrobenzene-d5	9.98	82	288254	102.02	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	367423	160.25	ng	-0.01
44) 2-Fluorobiphenyl	14.05	172	1022220	85.38	ng	0.00
78) Terphenyl-d14	20.69	244	2036985	95.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	37546	14.906	ng	# 72
32) Benzoic acid	10.91	122	237	6.788	ng	# 16
50) 2,6-Dinitrotoluene	15.41	165	19672	8.078	ng	# 18
56) 2,4-Dinitrotoluene	15.41	165	19672	6.282	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	763	8.620	ng	# 14
66) 4-Bromophenyl-phenylether	16.89	248	29632	4.964	ng	# 1

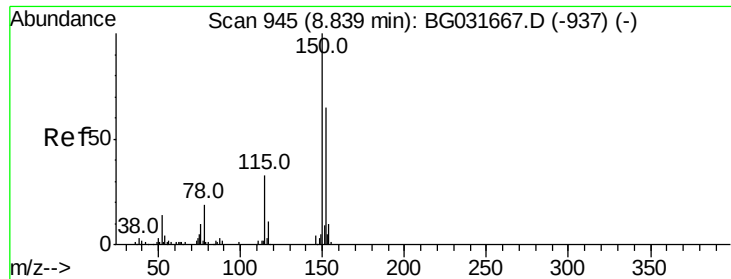
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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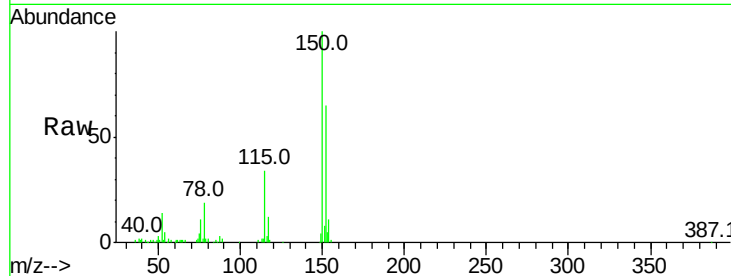


#1

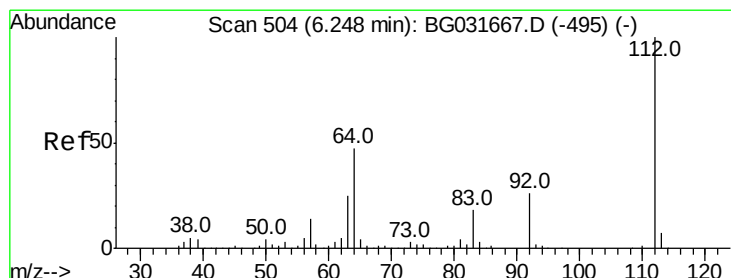
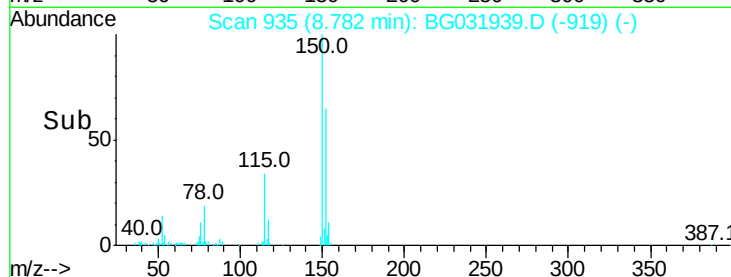
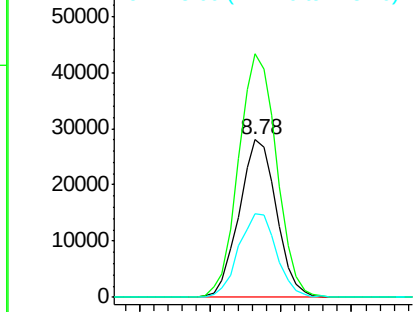
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	53.1	53.0	79.4



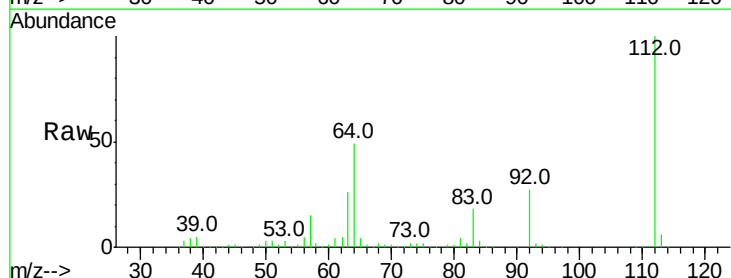
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



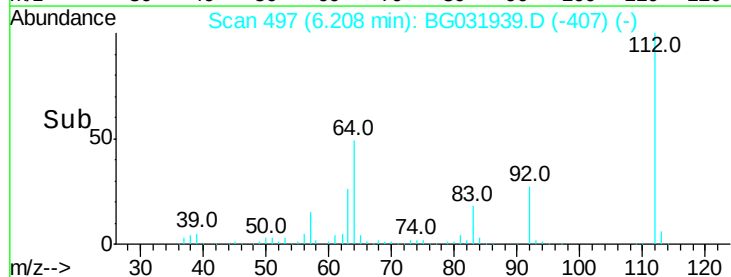
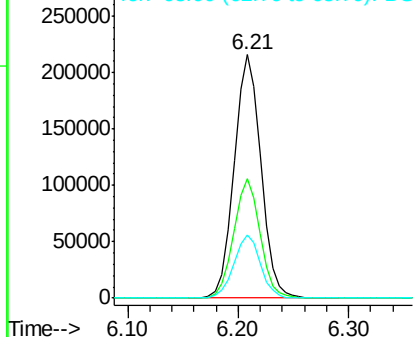
#5

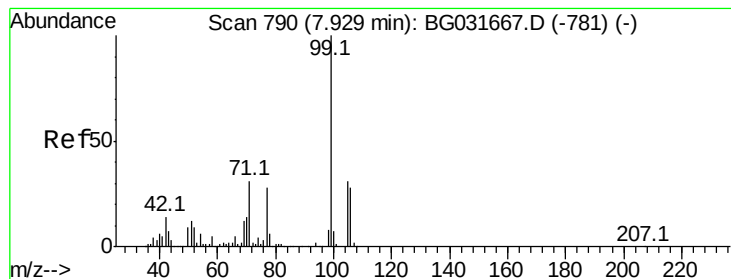
2-Fluorophenol
Concen: 129.302 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	56.3	84.5#
63	26.0	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: 113.343 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

Instrument :

BNA_G

ClientSampleId :

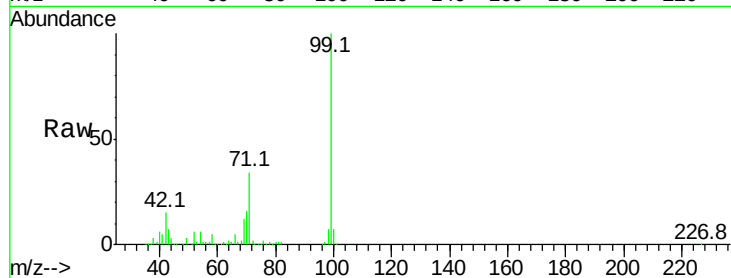
Tot Ion: 99 Resp: 418029

Ion Ratio Lower Upper

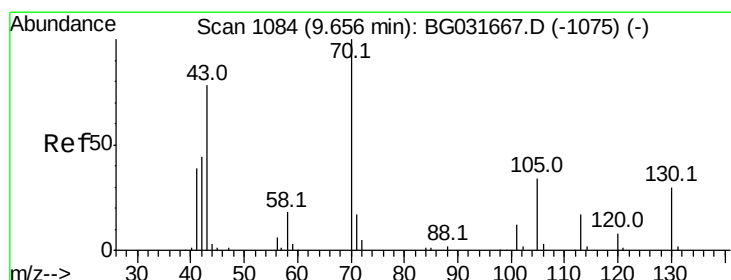
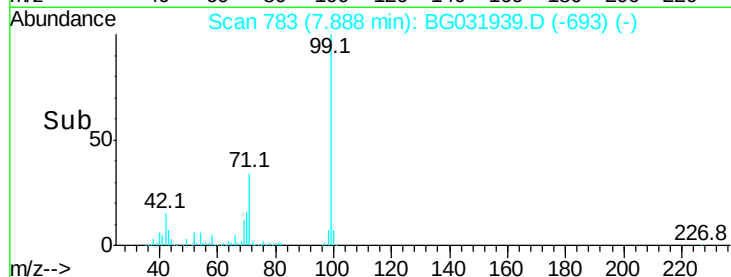
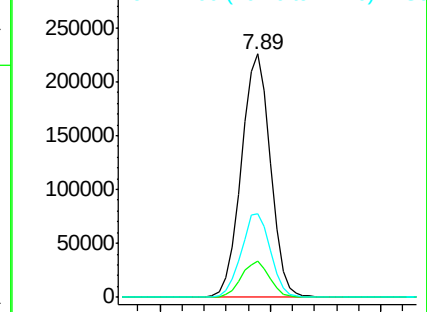
99 100

42 15.0 14.1 21.1

71 34.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.906 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.37 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

Tgt Ion: 70 Resp: 37546

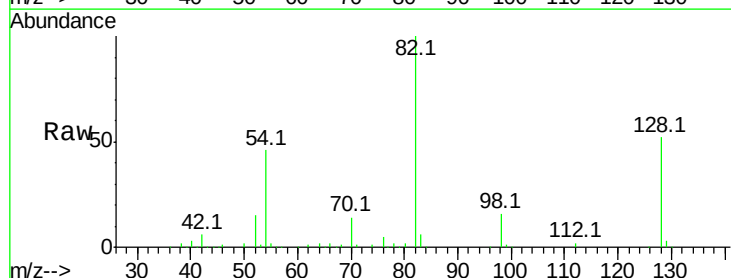
Ion Ratio Lower Upper

70 100

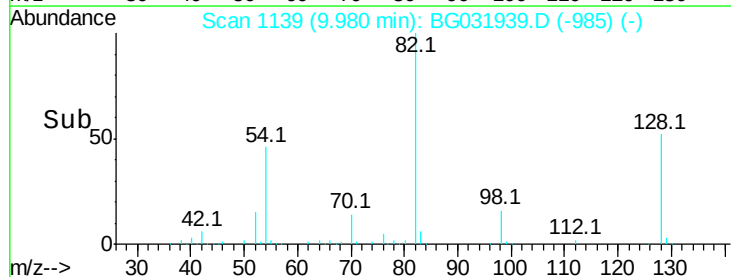
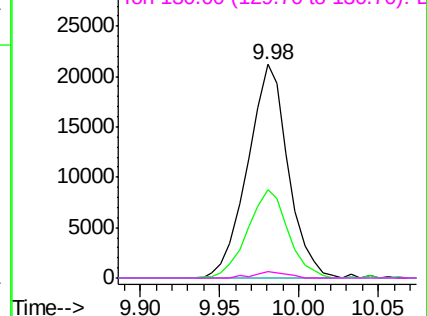
42 41.2 49.1 73.7#

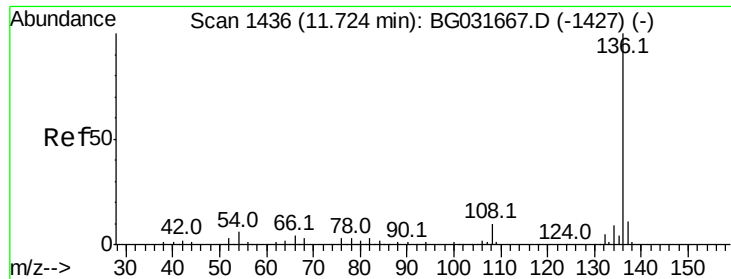
101 0.0 8.5 12.7#

130 3.0 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): BGC
Ion 130.00 (129.70 to 130.70): BGC

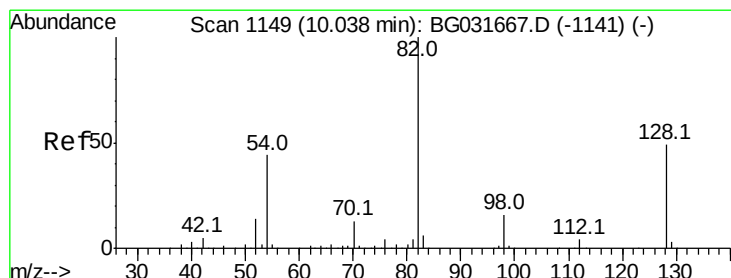
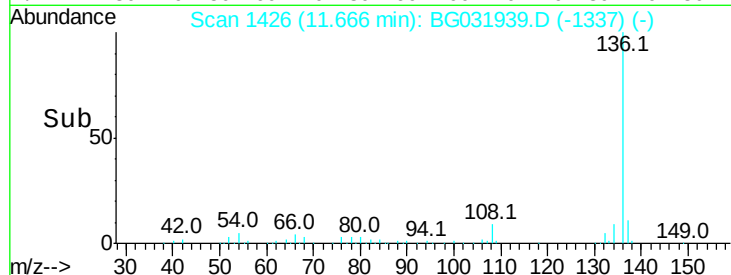
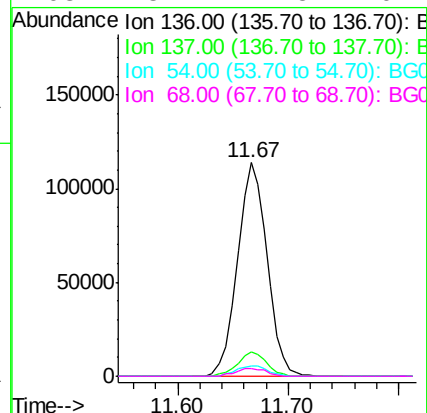
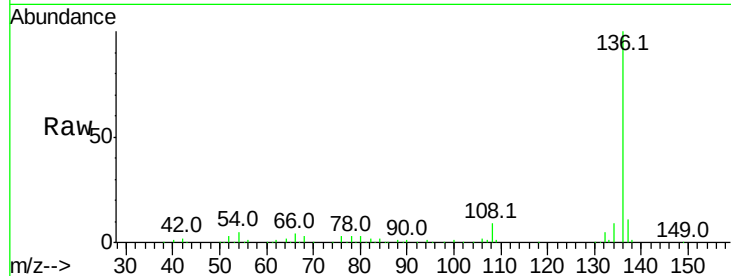




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

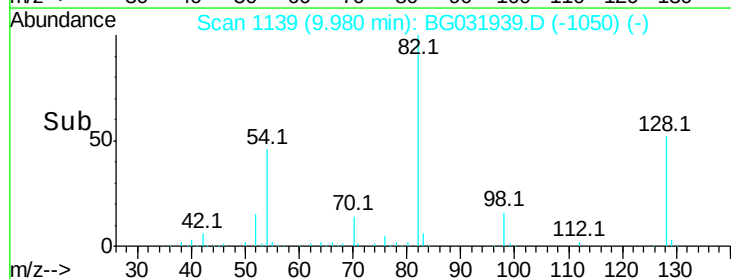
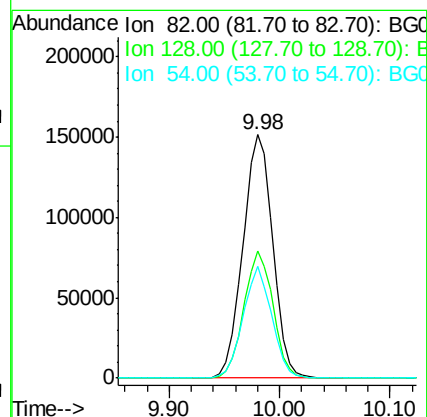
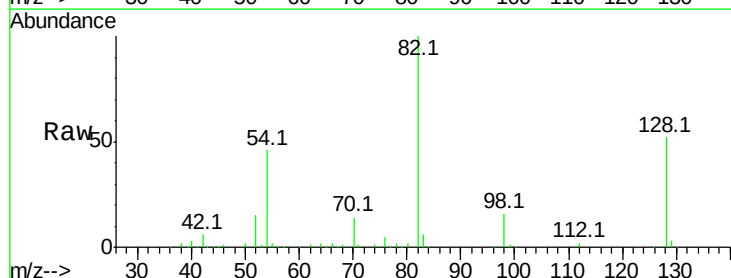
Instrument :
BNA_G
ClientSampleId :

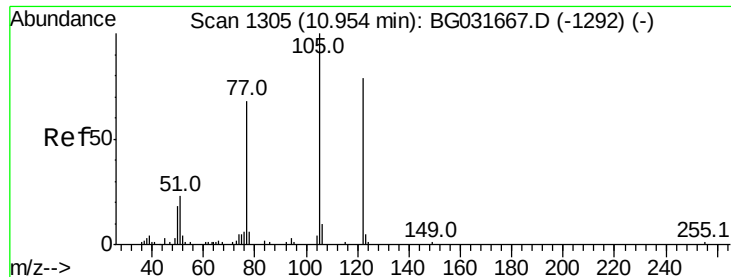
Tot Ion:136	Resp:	213359
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	4.9	10.3 15.5#
68	3.4	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 102.019 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

Tgt Ion: 82	Resp:	288254
Ion	Ratio	Lower Upper
82	100	
128	52.1	29.7 44.5#
54	46.0	43.1 64.7





#32

Benzoic acid

Concen: 6.788 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

Instrument :

BNA_G

ClientSampled :

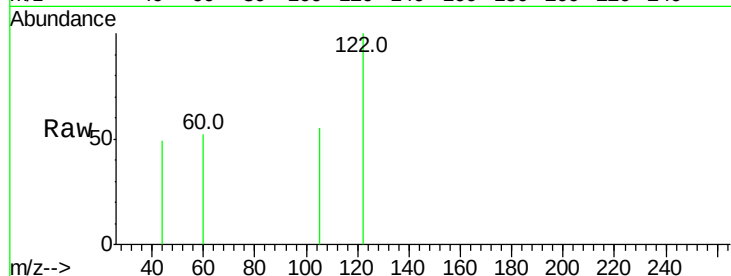
Tot Ion:122 Resp: 237

Ion Ratio Lower Upper

122 100

105 55.5 123.5 163.5#

77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

10.91

300

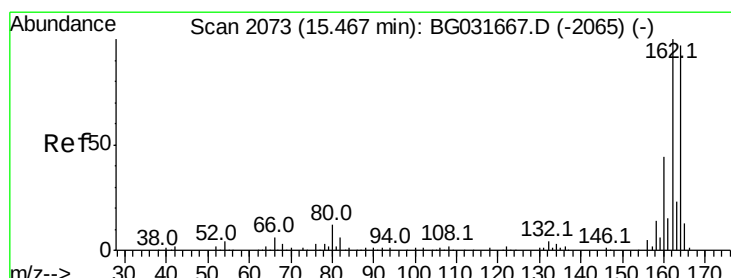
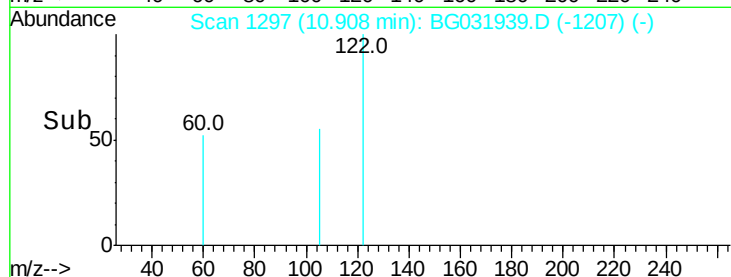
200

100

0

10.90 10.92 10.94

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

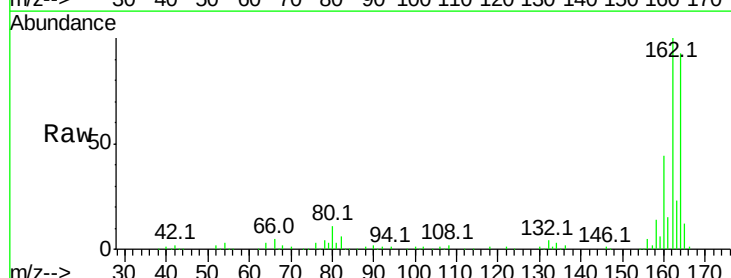
Tgt Ion:164 Resp: 150264

Ion Ratio Lower Upper

164 100

162 107.0 78.8 118.2

160 47.4 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

15.41

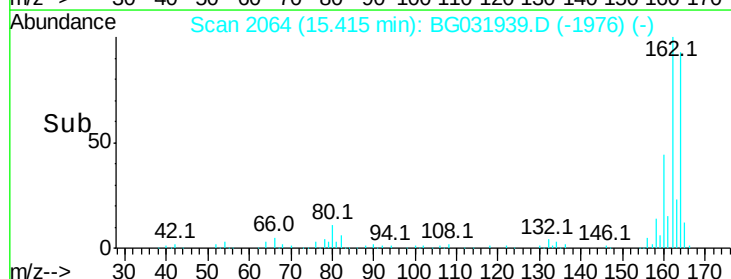
100000

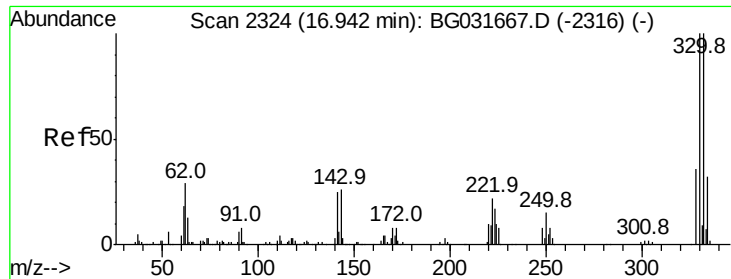
50000

0

15.35 15.40 15.45 15.50

Time-->

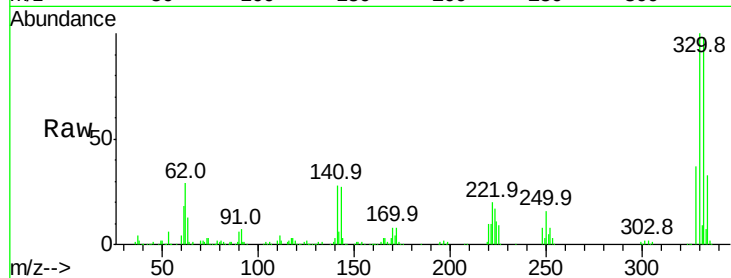




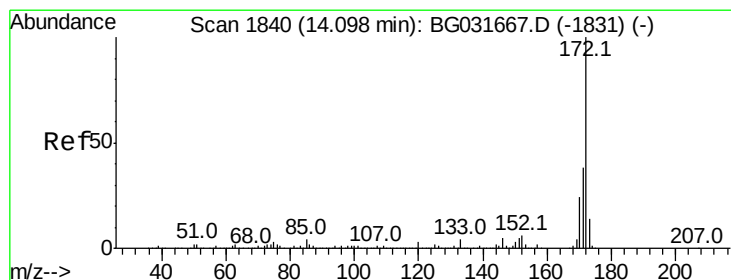
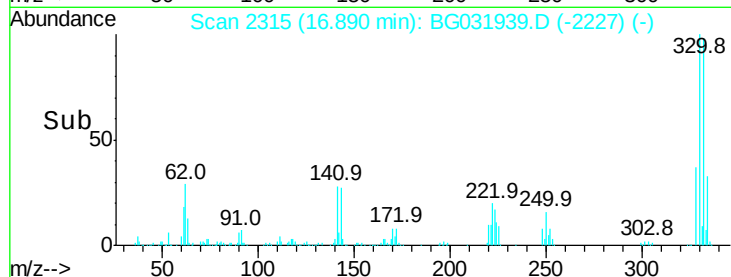
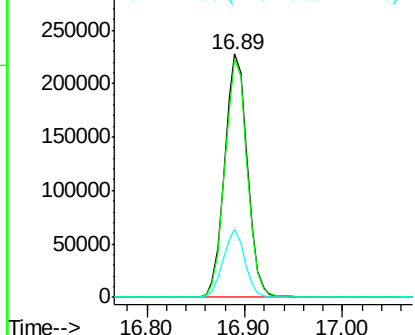
#41
 2,4,6-Tribromophenol
 Concen: 160.249 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.7	25.2	37.8

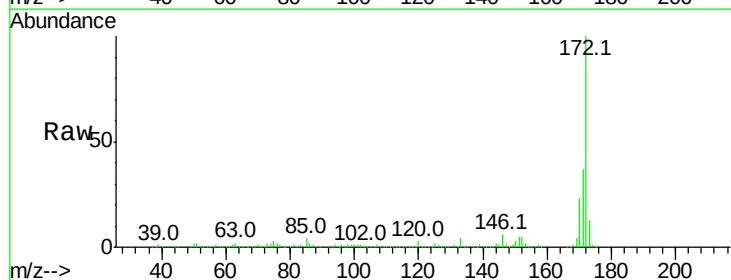


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

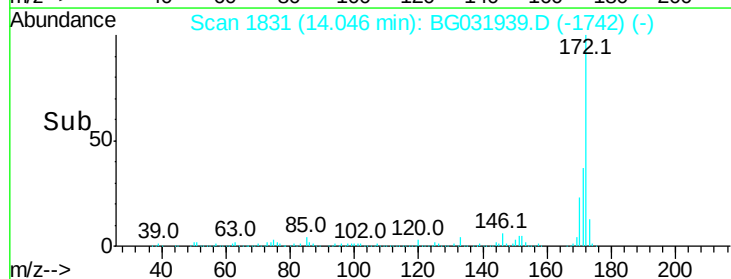
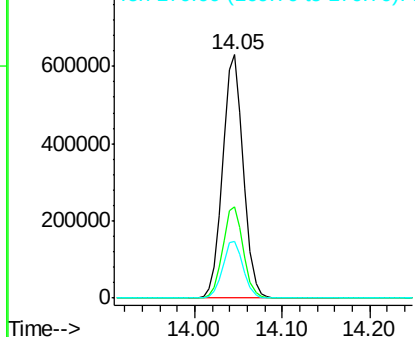


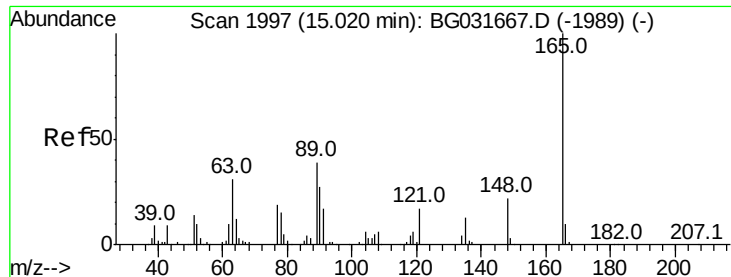
#44
 2-Fluorobiphenyl
 Concen: 85.385 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.3	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

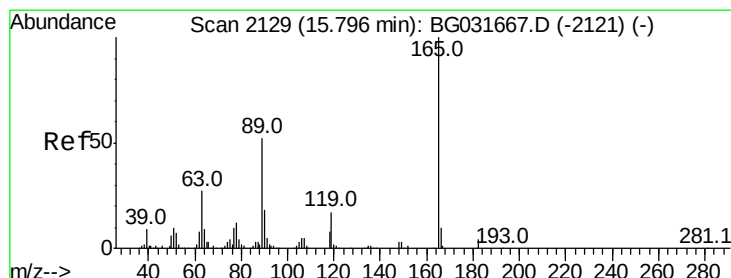
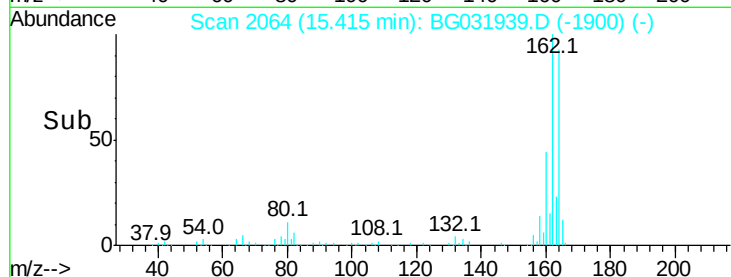
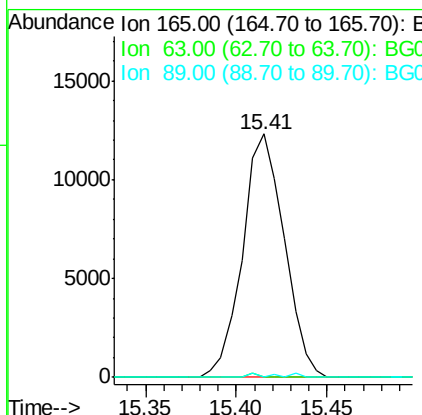
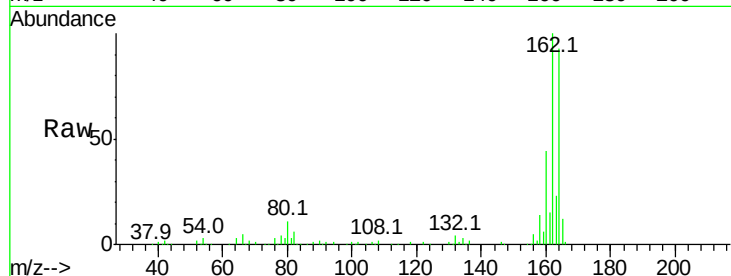




#50
 2,6-Dinitrotoluene
 Concen: 8.078 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. 0.43 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

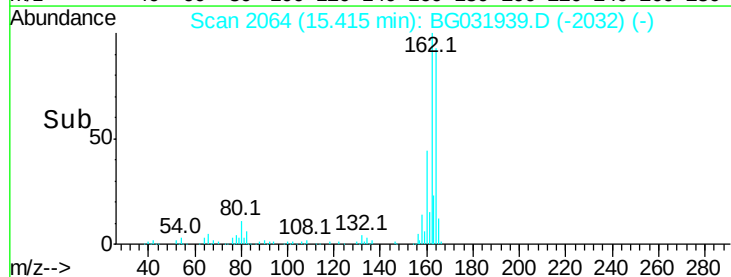
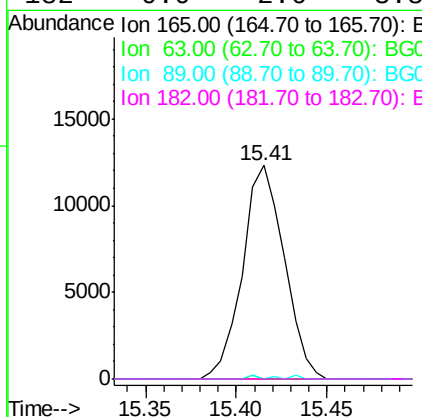
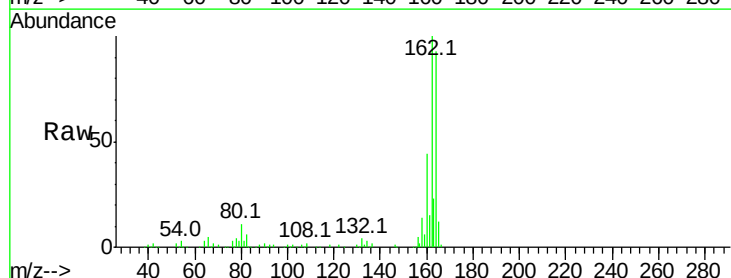
Instrument :
 BNA_G
 ClientSampleId :

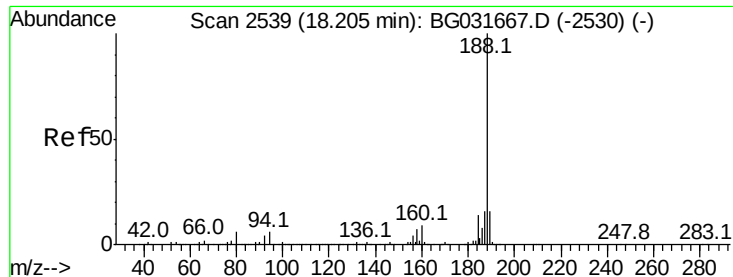
Tot Ion:165 Resp: 19672
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.282 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

Tgt Ion:165 Resp: 19672
 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#

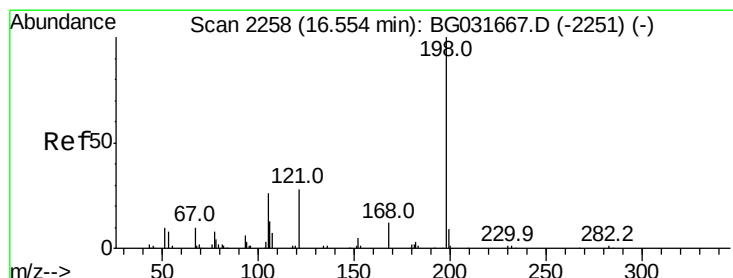
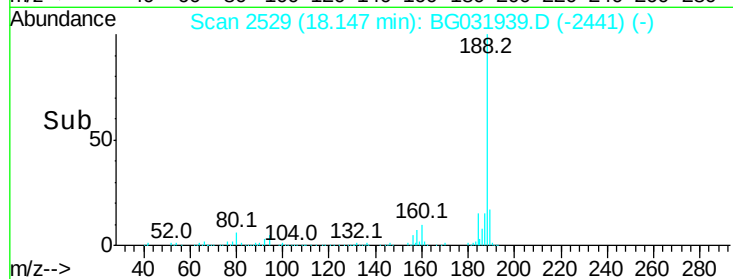
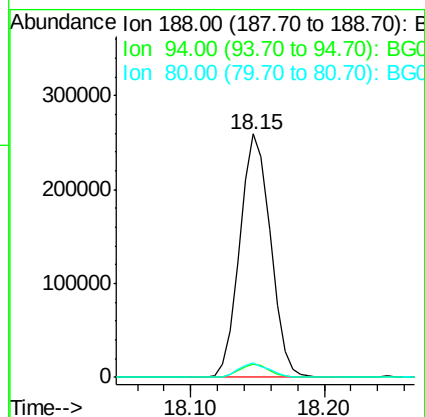
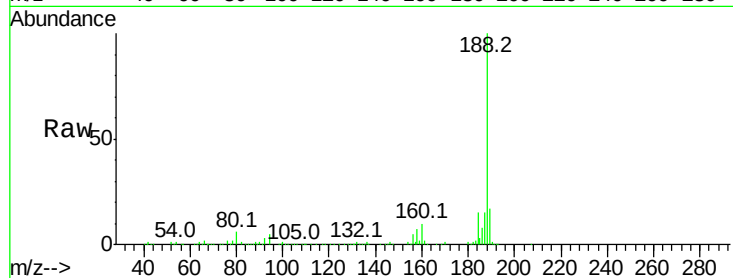




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

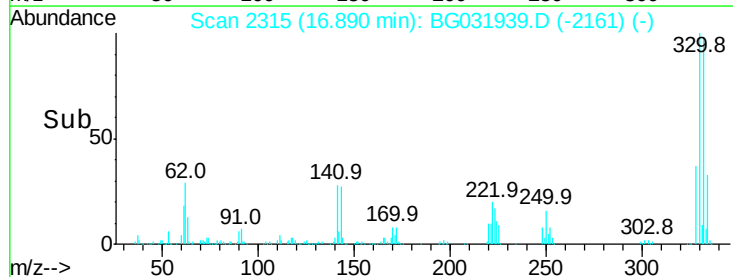
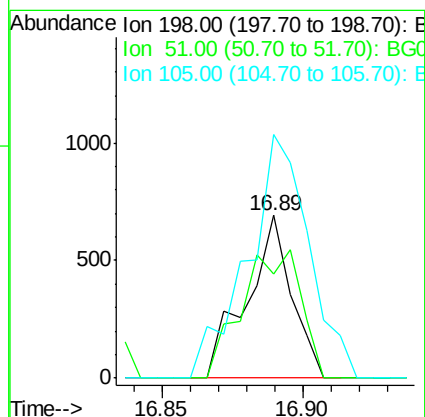
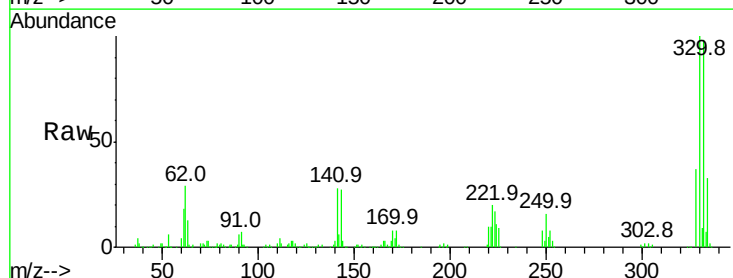
Instrument :
BNA_G
ClientSampleId :

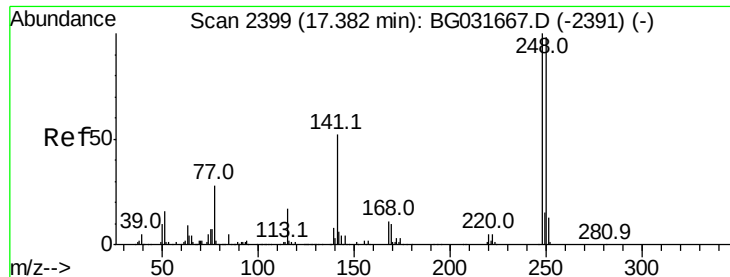
Tot Ion:188 Resp: 412836
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 6.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.620 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.37 min
Lab File: BG031939.D
Acq: 5 Jan 2018 19:07

Tgt Ion:198 Resp: 763
Ion Ratio Lower Upper
198 100
51 63.8 30.6 70.6
105 149.8 23.8 63.8#

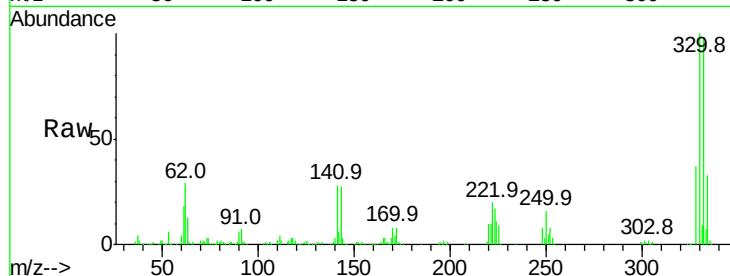




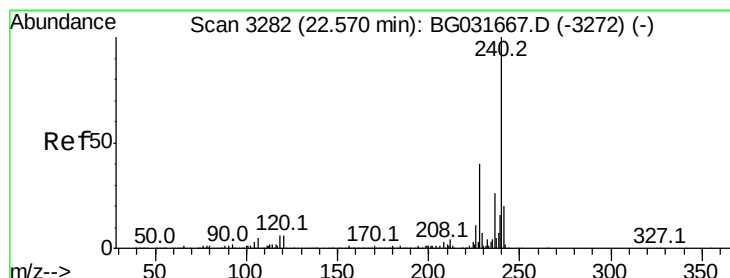
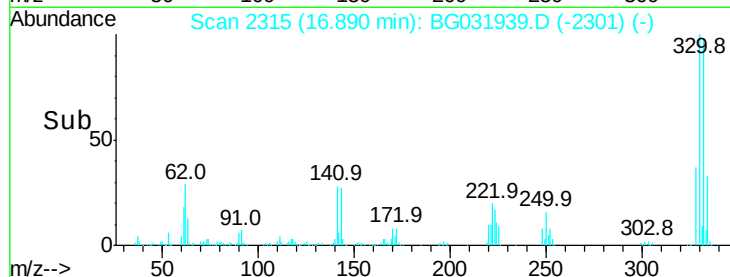
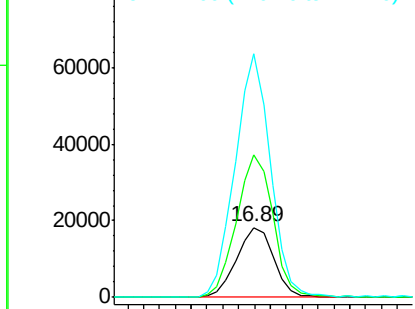
#66
 4-Bromophenyl-phenylether
 Concen: 4.964 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.45 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 29632
 Ion Ratio Lower Upper
 248 100
 250 203.7 77.1 115.7#
 141 349.0 50.8 76.2#

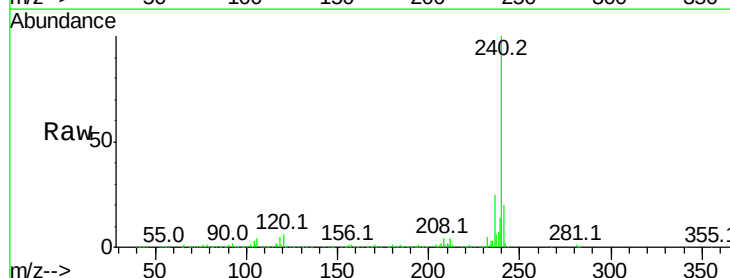


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

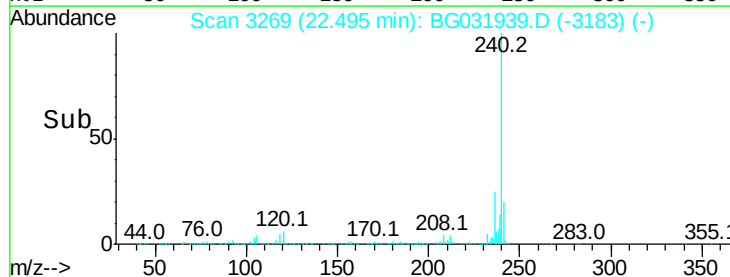
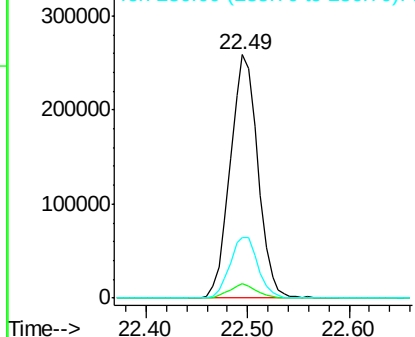


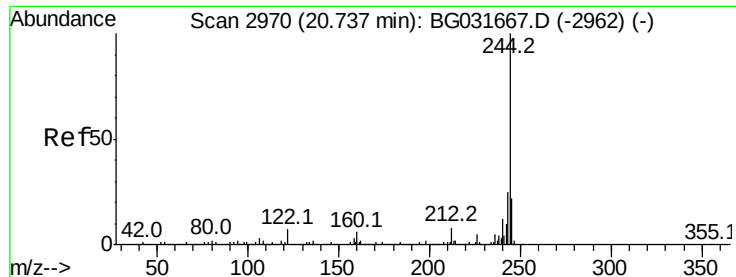
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3269
 Delta R.T. -0.02 min
 Lab File: BG031939.D
 Acq: 5 Jan 2018 19:07

Tgt Ion:240 Resp: 488792
 Ion Ratio Lower Upper
 240 100
 120 6.2 6.8 10.2#
 236 24.6 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





#78

Terphenyl-d14

Concen: 95.210 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

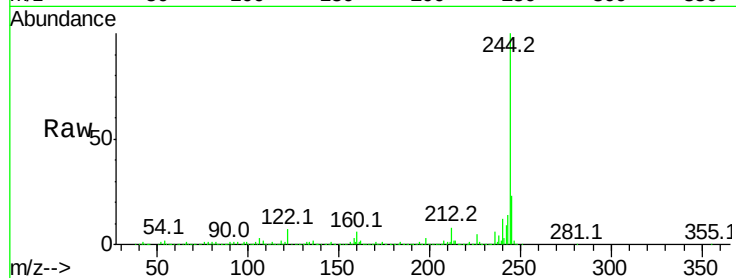
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2036985

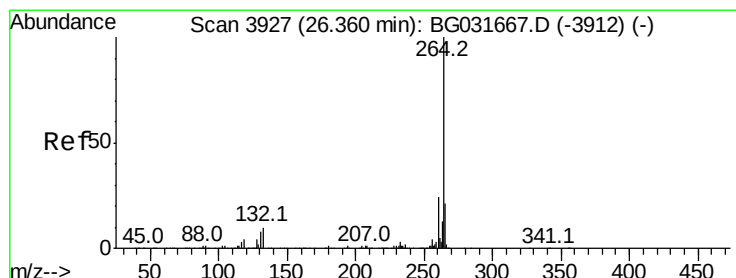
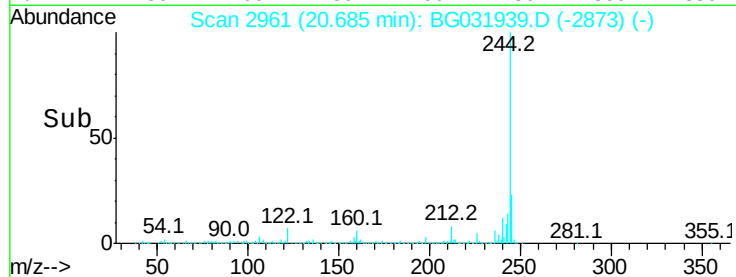
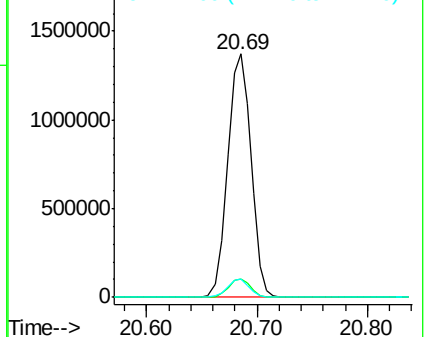
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.3	7.0	10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.24 min Scan# 3907

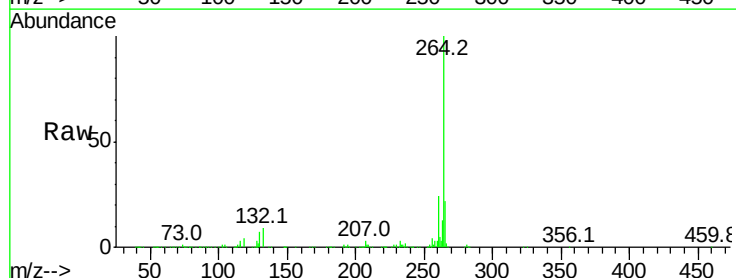
Delta R.T. -0.05 min

Lab File: BG031939.D

Acq: 5 Jan 2018 19:07

Tgt Ion:264 Resp: 478552

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.8	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

