

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031927.D
 Acq On : 4 Jan 2018 22:29
 Operator : SJ/JU
 Sample : J1025-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:13:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

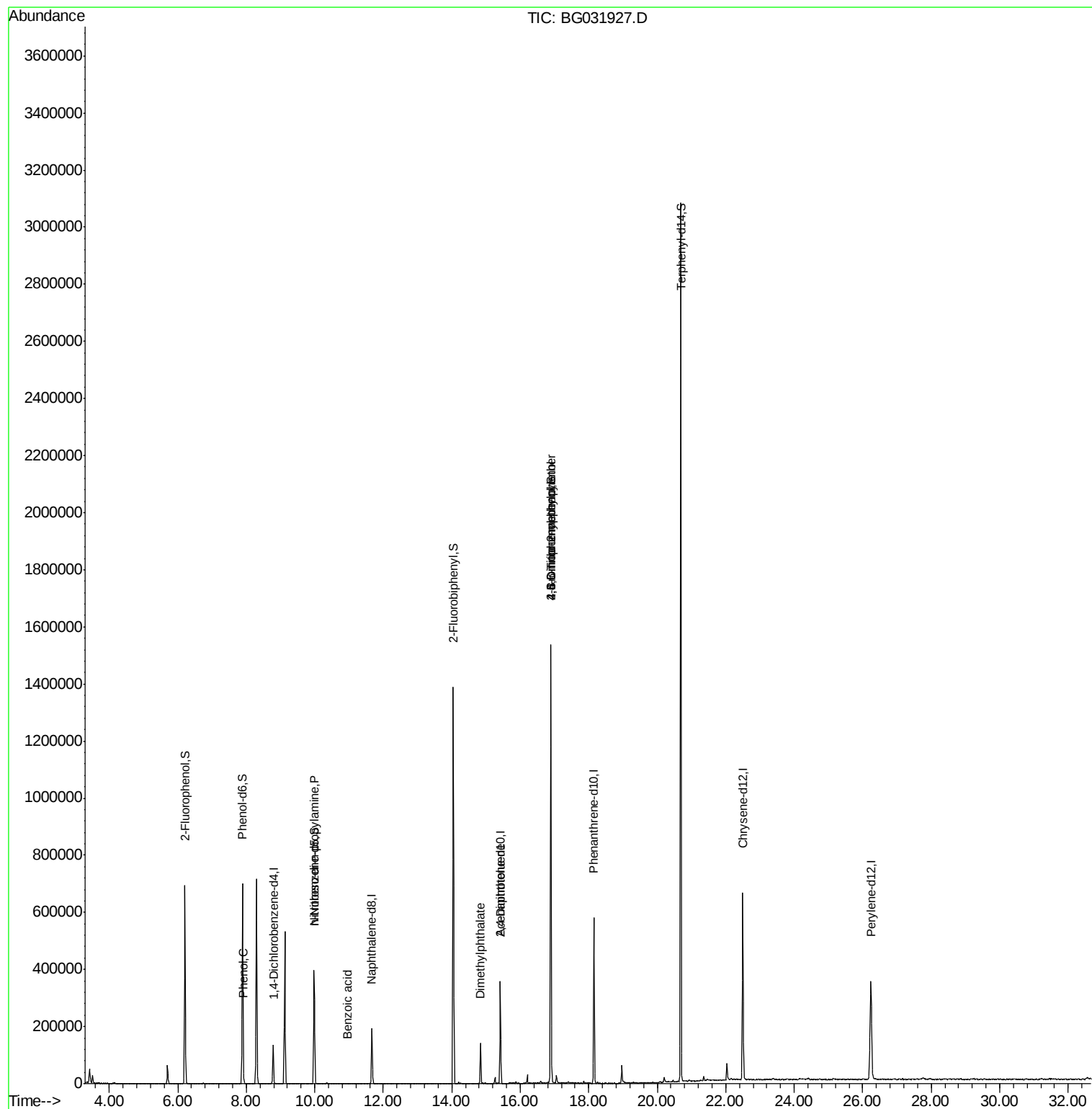
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	46590	20.00	ng	-0.01
21) Naphthalene-d8	11.67	136	195725	20.00	ng	-0.01
38) Acenaphthene-d10	15.42	164	139297	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	407170	20.00	ng	0.00
75) Chrysene-d12	22.49	240	490977	20.00	ng	-0.01
86) Perylene-d12	26.24	264	479380	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	376887	147.34	ng	0.00
7) Phenol-d6	7.89	99	486662	146.54	ng	0.00
23) Nitrobenzene-d5	9.98	82	262160	101.14	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	375362	176.60	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	826454	74.47	ng	0.00
78) Terphenyl-d14	20.68	244	1694085	78.83	ng	0.00
Target Compounds						
10) Phenol	7.92	94	17473	5.211	ng	94
19) n-Nitroso-di-n-propylamine	9.98	70	35297	15.563	ng	# 67
32) Benzoic acid	10.97	122	54	6.718	ng	# 1
49) Dimethylphthalate	14.84	163	107877	8.791	ng	99
56) 2,4-Dinitrotoluene	15.42	165	18159	6.256	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.89	198	968	8.710	ng	# 51
66) 4-Bromophenyl-phenylether	16.89	248	29857	5.071	ng	# 1

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

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031927.D
Acq On : 4 Jan 2018 22:29
Operator : SJ/JU
Sample : J1025-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 05 03:13:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration



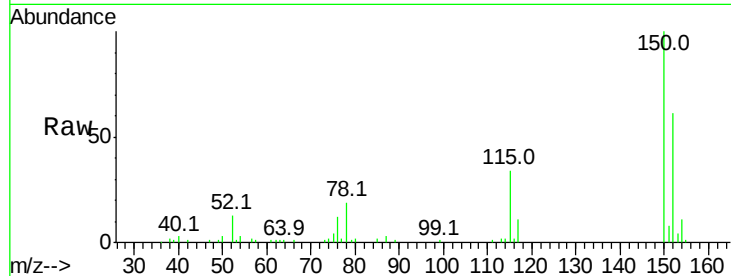


#1

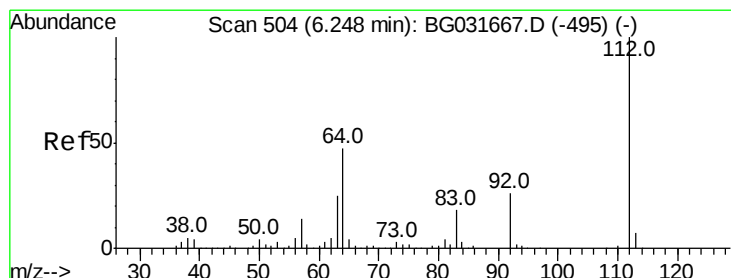
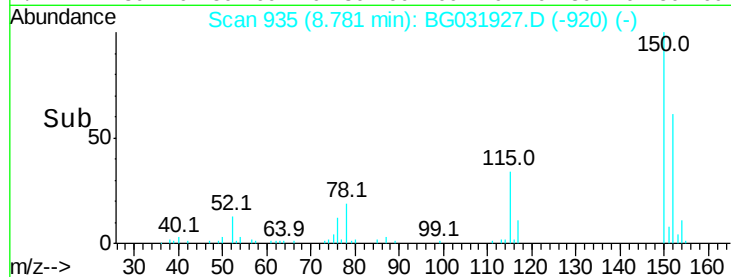
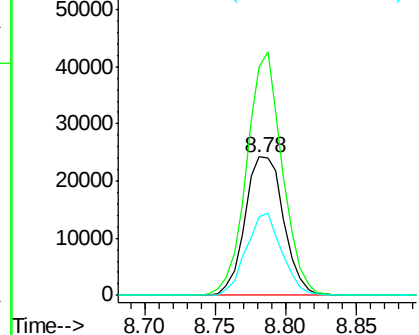
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031927.D
Acq: 4 Jan 2018 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 46590
Ion Ratio Lower Upper
152 100
150 165.2 126.6 189.8
115 56.6 53.0 79.4



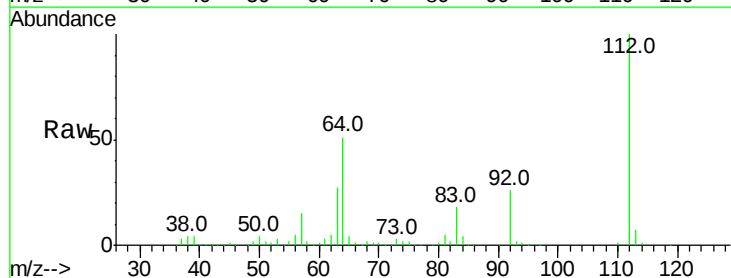
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



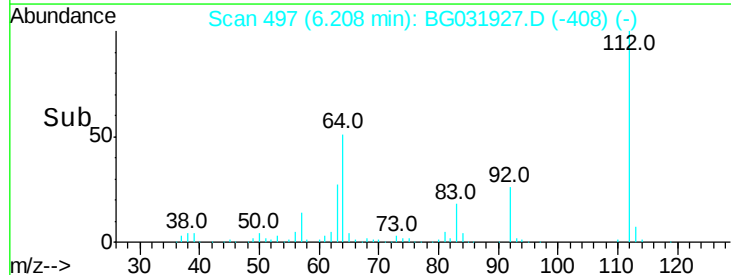
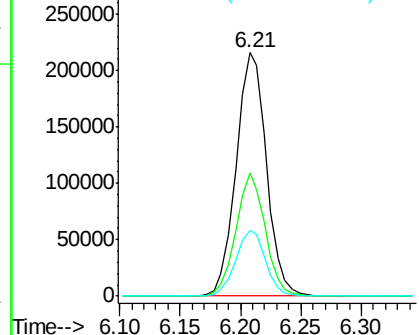
#5

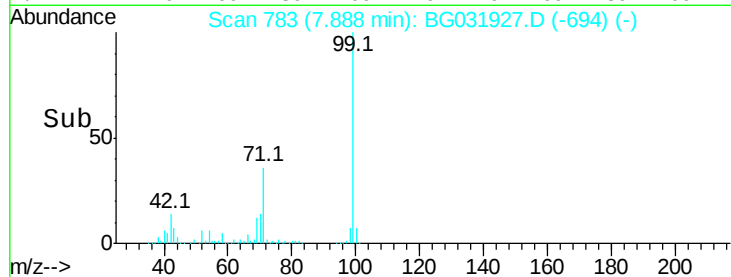
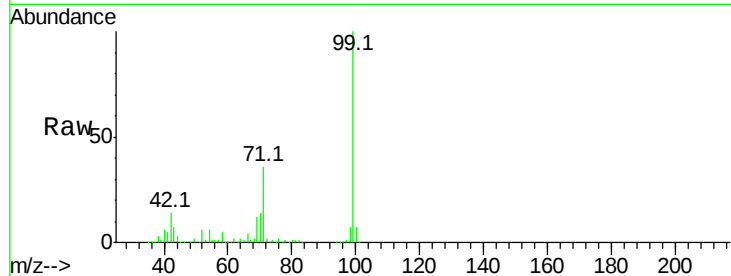
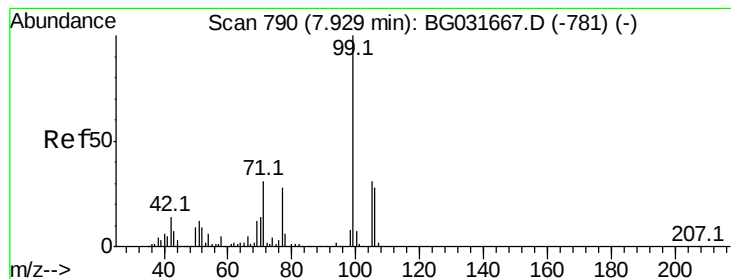
2-Fluorophenol
Concen: 147.340 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031927.D
Acq: 4 Jan 2018 22:29

Tgt Ion:112 Resp: 376887
Ion Ratio Lower Upper
112 100
64 50.7 56.3 84.5#
63 26.9 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: 146.538 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

Instrument :

BNA_G

ClientSampleId :

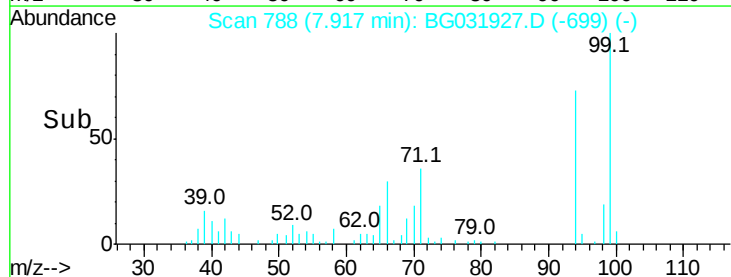
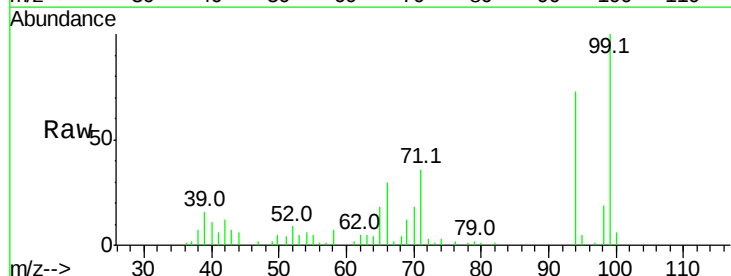
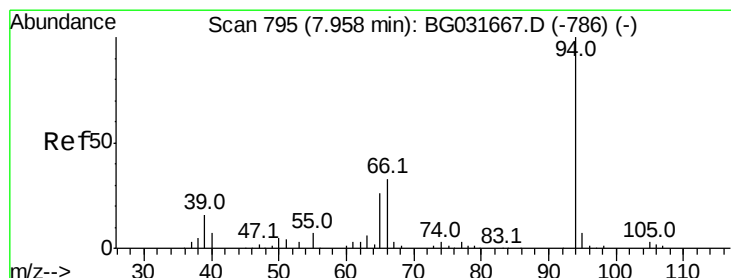
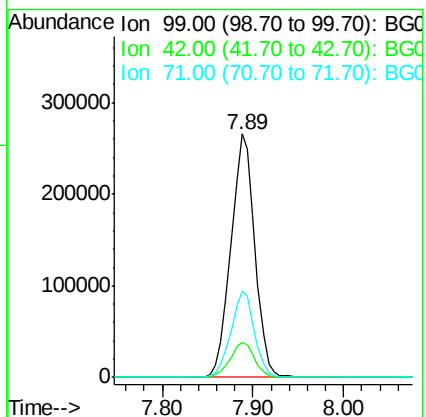
Tot Ion: 99 Resp: 486662

Ion Ratio Lower Upper

99 100

42 14.2 14.1 21.1

71 35.6 26.1 39.1



#10

Phenol

Concen: 5.211 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

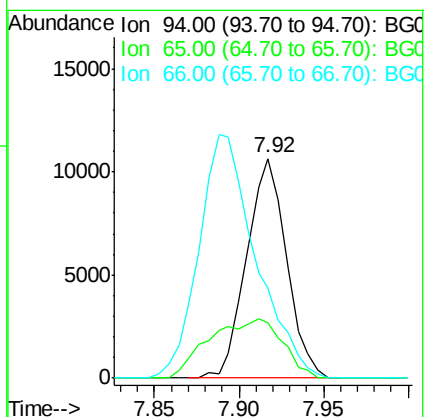
Tgt Ion: 94 Resp: 17473

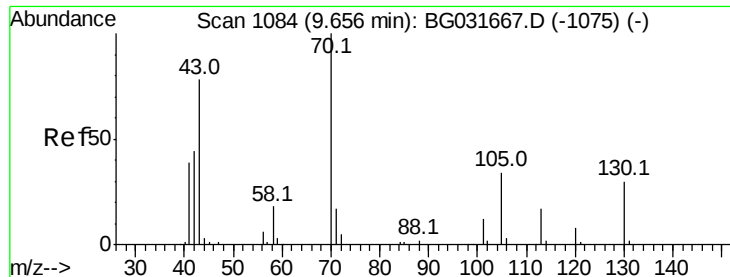
Ion Ratio Lower Upper

94 100

65 25.3 11.9 51.9

66 40.9 22.2 62.2

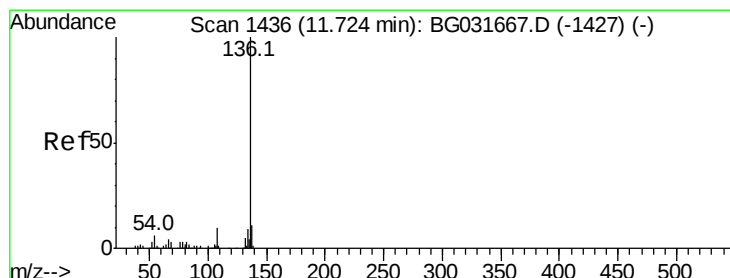
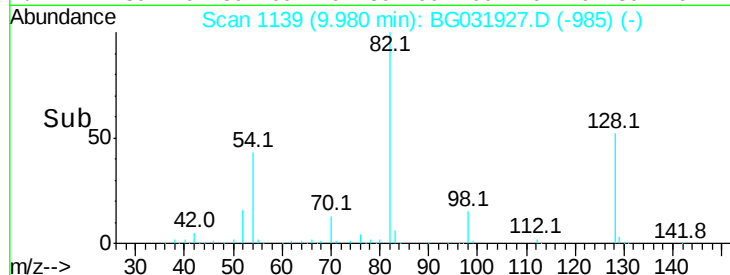
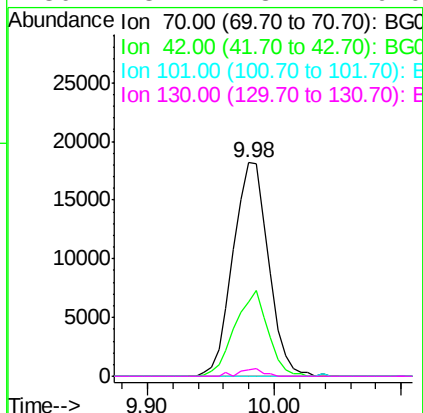
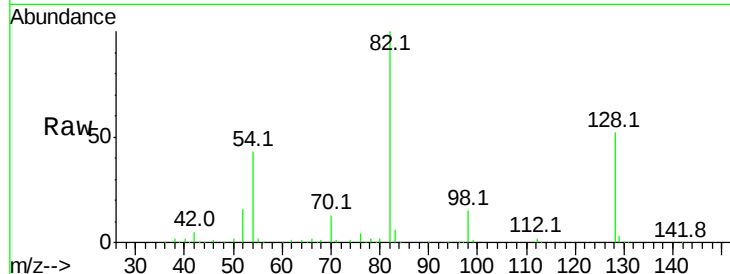




#19
n-Nitroso-di-n-propylamine
Concen: 15.563 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031927.D
Acq: 4 Jan 2018 22:29

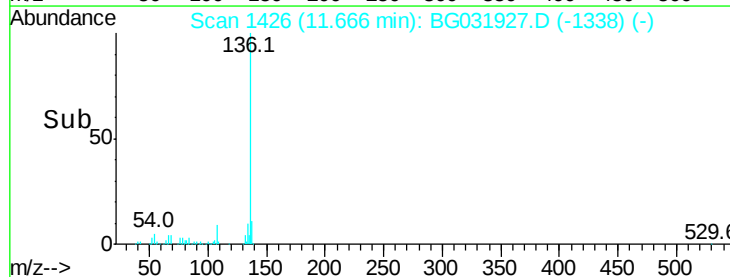
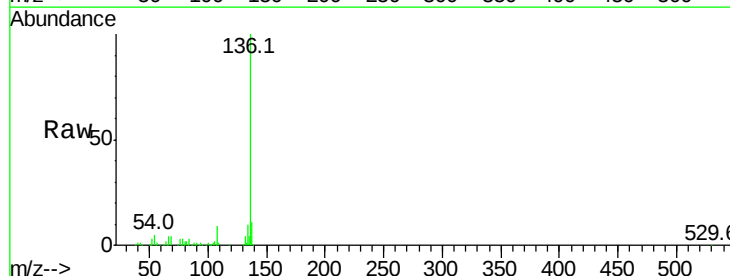
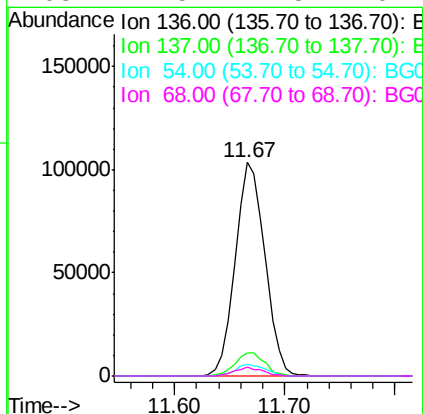
Instrument :
BNA_G
ClientSampled :

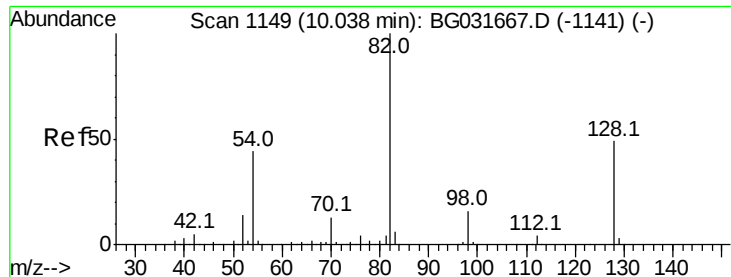
Tot Ion: 70 Resp: 35297
Ion Ratio Lower Upper
70 100
42 34.9 49.1 73.7#
101 0.0 8.5 12.7#
130 3.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031927.D
Acq: 4 Jan 2018 22:29

Tgt Ion: 136 Resp: 195725
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 5.1 10.3 15.5#
68 4.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 101.143 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

Instrument :

BNA_G

ClientSampleId :

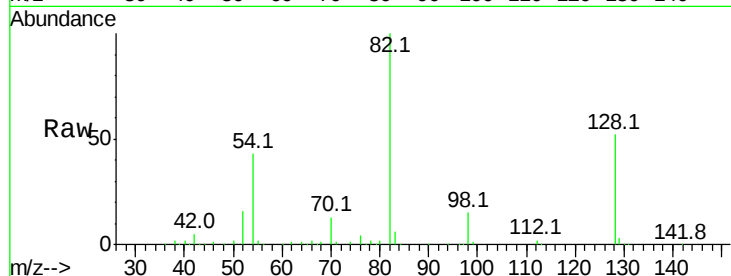
Tot Ion: 82 Resp: 262160

Ion Ratio Lower Upper

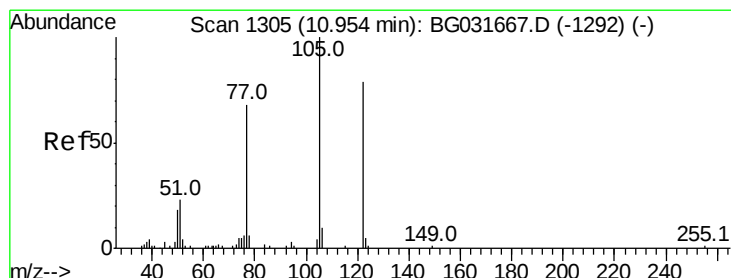
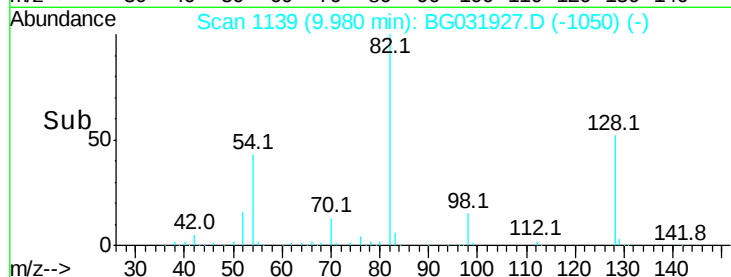
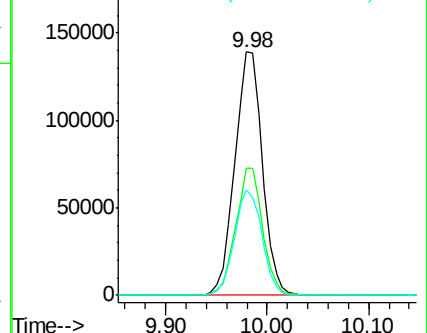
82 100

128 52.1 29.7 44.5#

54 43.1 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 6.718 ng

RT: 10.97 min Scan# 1307

Delta R.T. 0.06 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

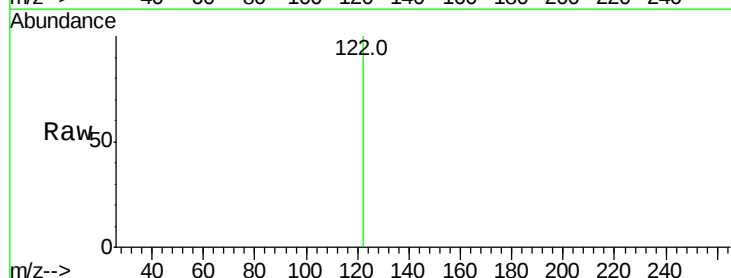
Tgt Ion:122 Resp: 54

Ion Ratio Lower Upper

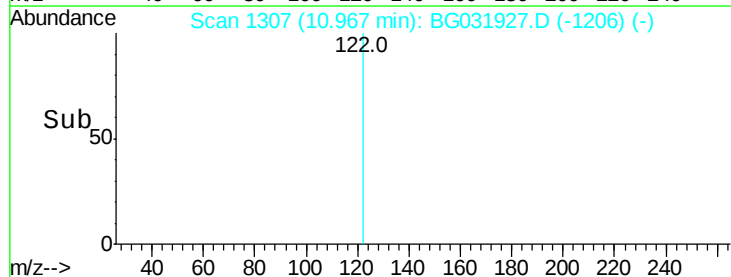
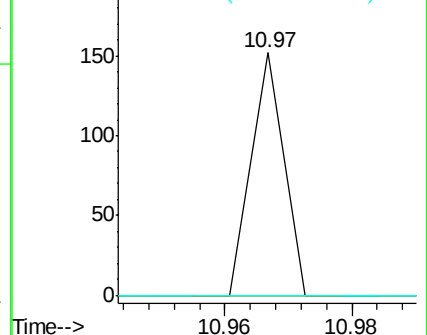
122 100

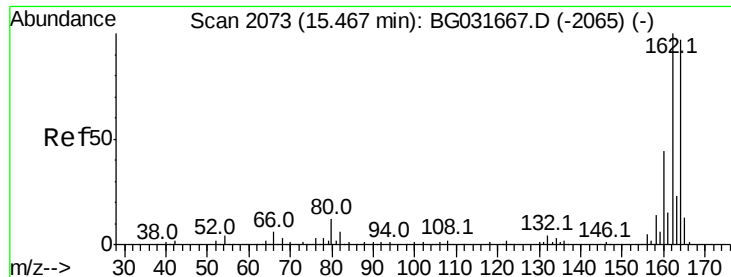
105 0.0 123.5 163.5#

77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

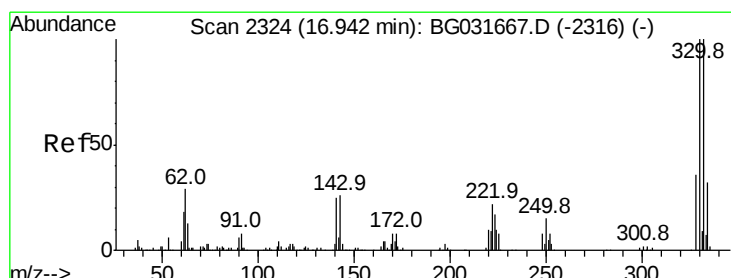
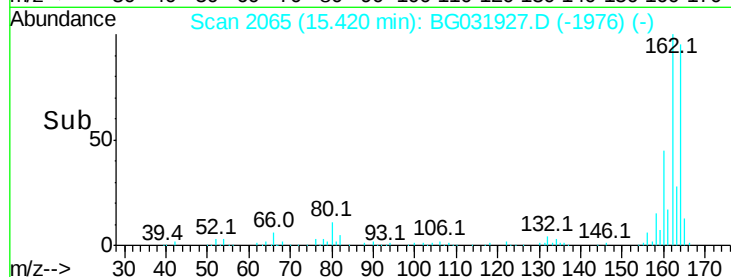
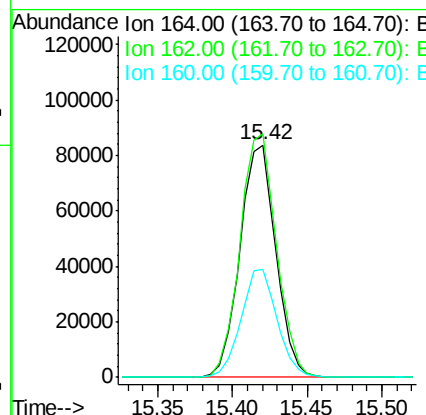
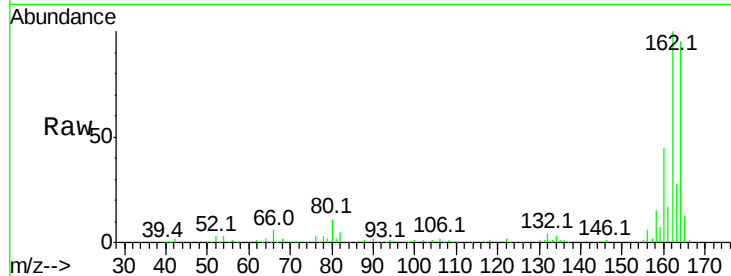




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2065
 Delta R.T. -0.01 min
 Lab File: BG031927.D
 Acq: 4 Jan 2018 22:29

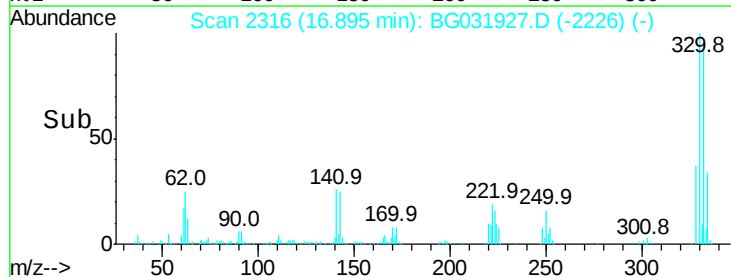
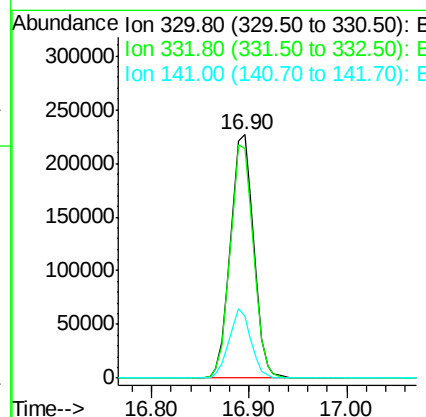
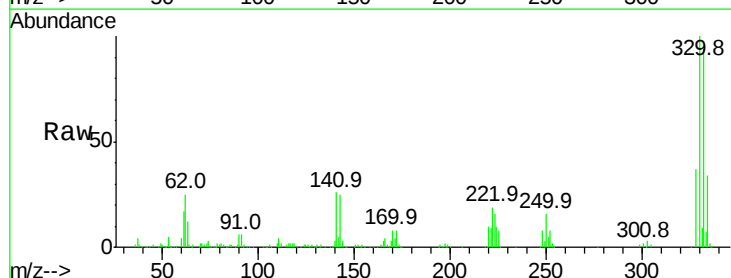
Instrument :
 BNA_G
 ClientSampleId :

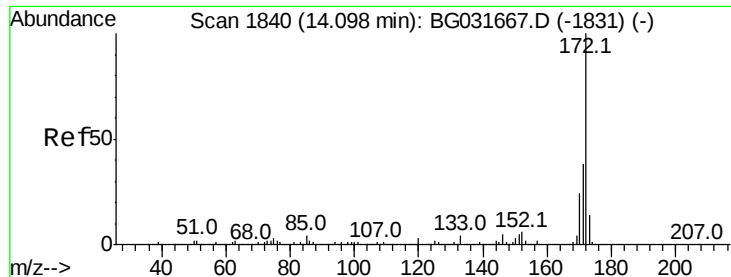
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	46.7	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 176.601 ng
 RT: 16.90 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BG031927.D
 Acq: 4 Jan 2018 22:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	26.7	25.2	37.8

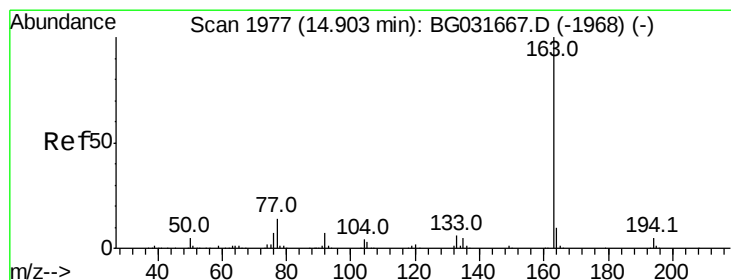
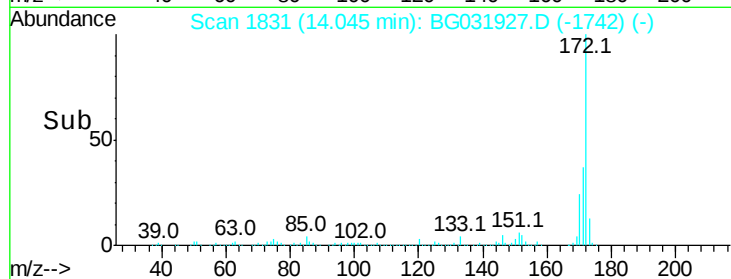
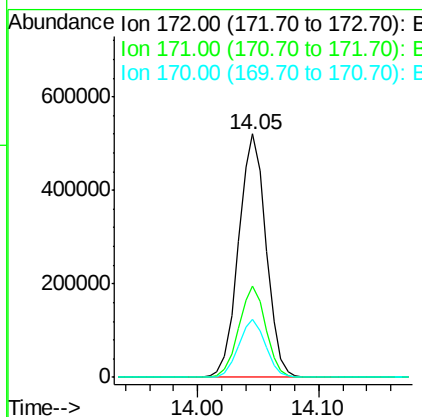
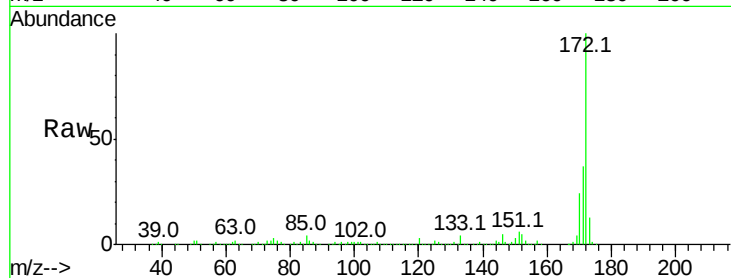




#44
2-Fluorobiphenyl
Concen: 74.468 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031927.D
Acq: 4 Jan 2018 22:29

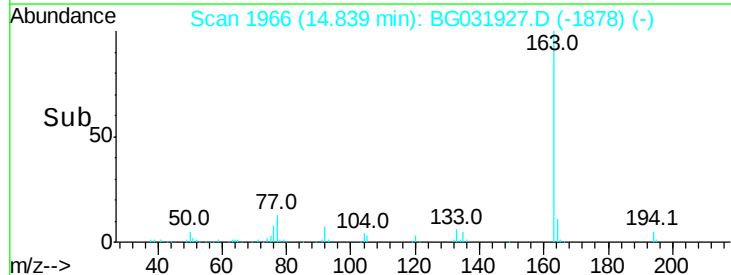
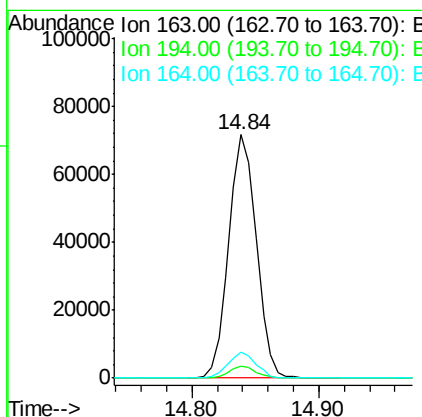
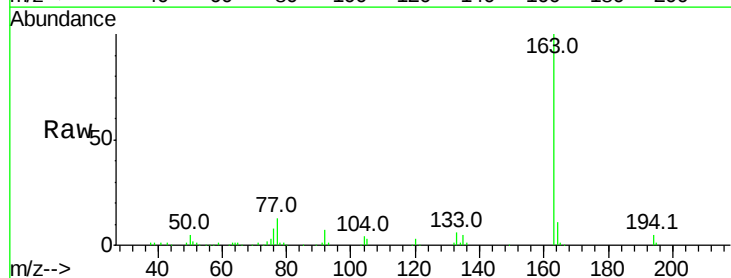
Instrument :
BNA_G
ClientSampleId :

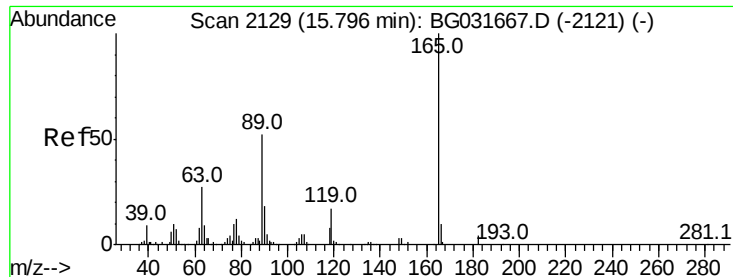
Tot Ion:172 Resp: 826454
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 8.791 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031927.D
Acq: 4 Jan 2018 22:29

Tgt Ion:163 Resp: 107877
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.6 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.256 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.33 min

Lab File: BG031927.D

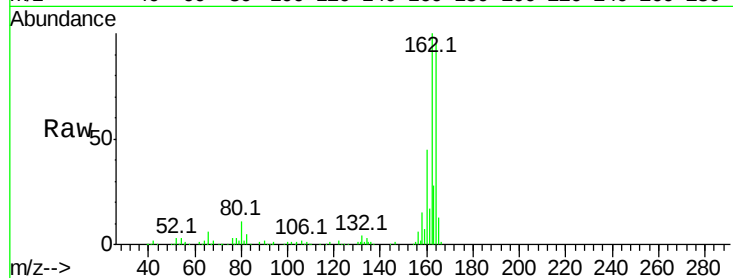
Acq: 4 Jan 2018 22:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	18159
Ion Ratio	Lower	Upper
165	100	
63	1.3	42.0 63.0#
89	0.0	66.9 100.3#
182	0.0	2.6 3.8#

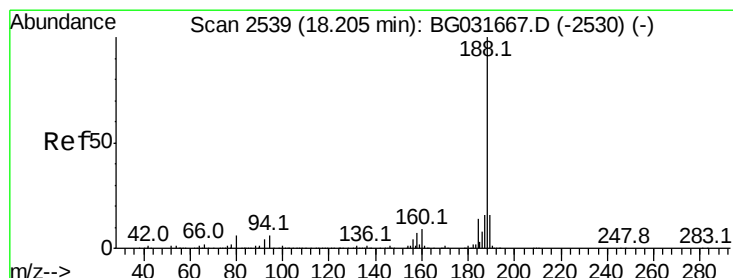
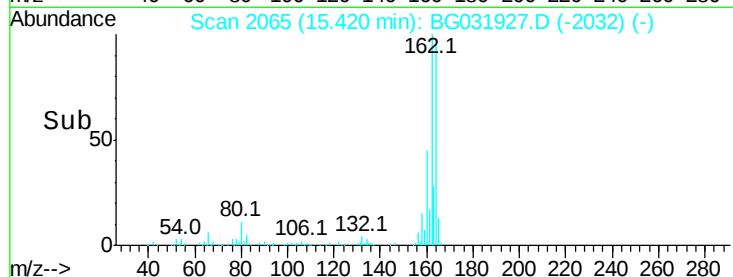
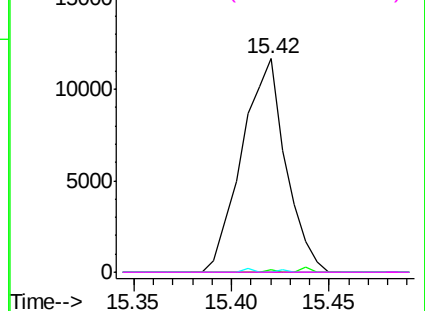


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

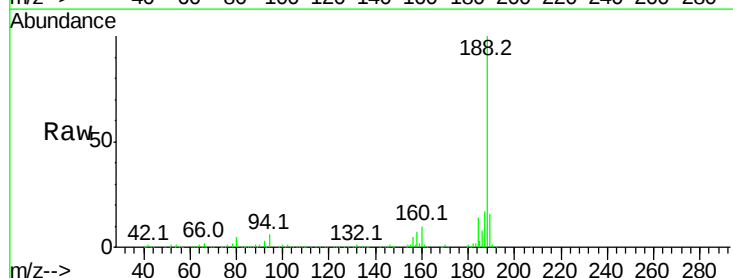
RT: 18.15 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

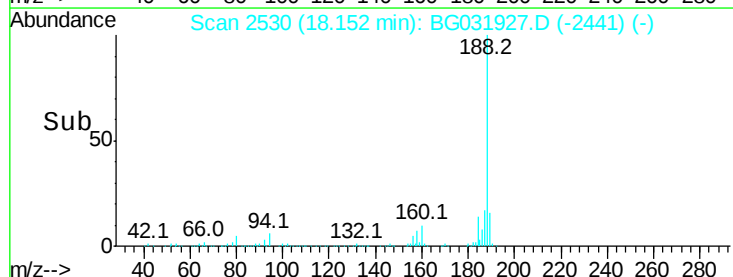
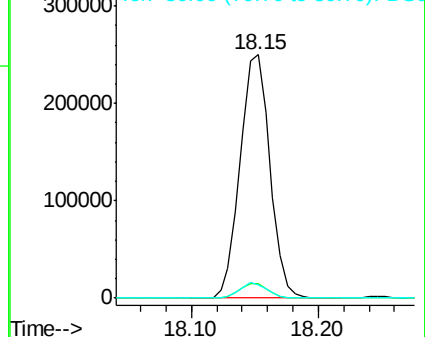
Tgt Ion:188	Resp:	407170
Ion Ratio	Lower	Upper
188	100	
94	5.9	6.9 10.3#
80	5.2	7.7 11.5#

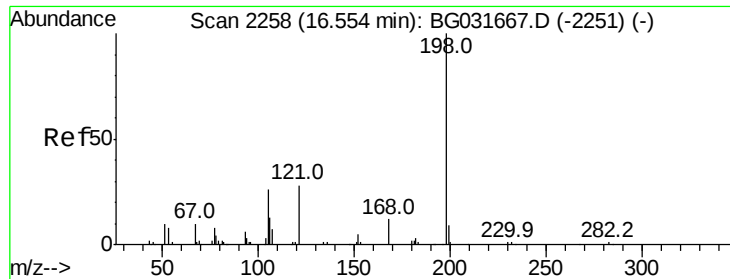


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 8.710 ng

RT: 16.89 min Scan# 2315

Delta R.T. 0.38 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

Instrument :

BNA_G

ClientSampleId :

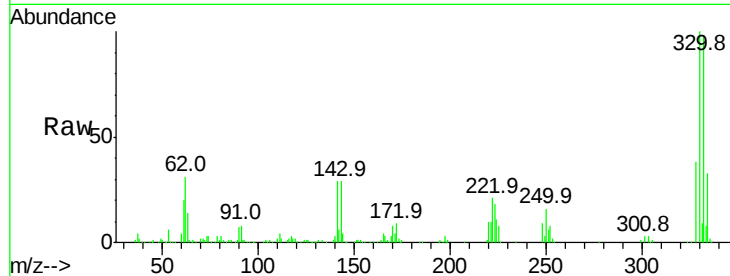
Tot Ion:198 Resp: 968

Ion Ratio Lower Upper

198 100

51 51.3 30.6 70.6

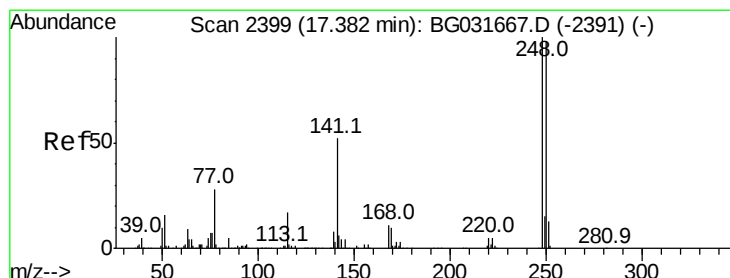
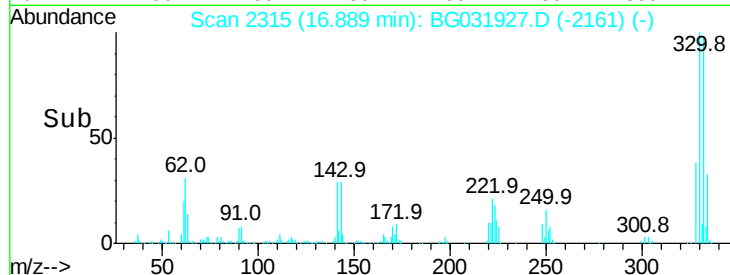
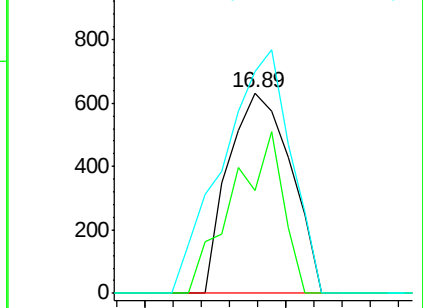
105 110.9 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG031927.D (-2251) (-)

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.071 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.44 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

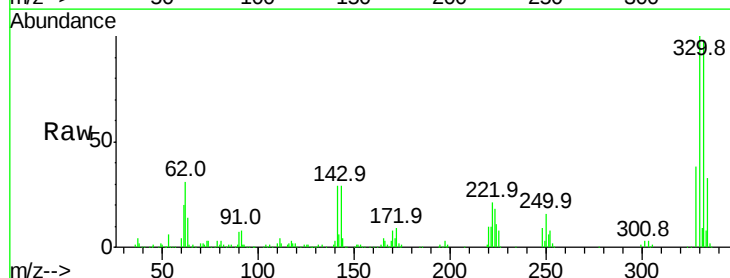
Tgt Ion:248 Resp: 29857

Ion Ratio Lower Upper

248 100

250 188.0 77.1 115.7#

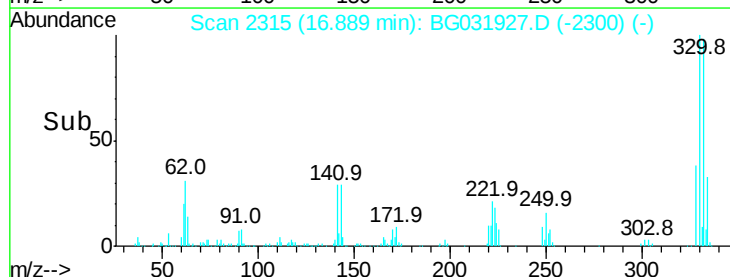
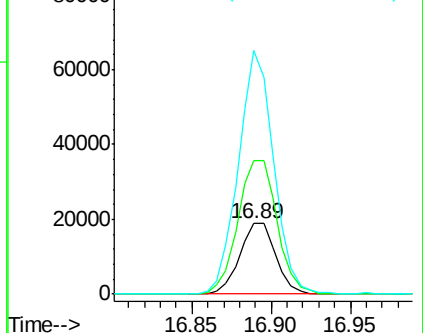
141 344.4 50.8 76.2#

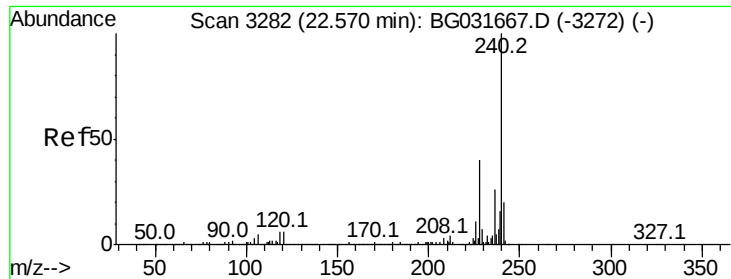


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.01 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

Instrument :

BNA_G

ClientSampleId :

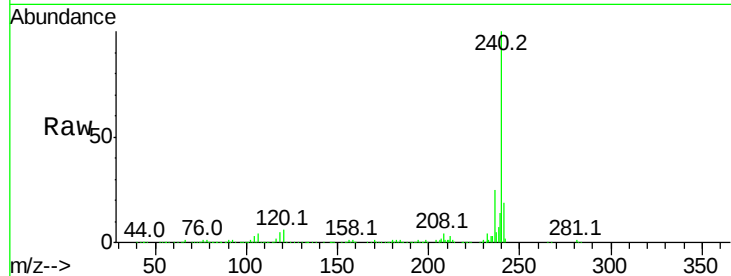
Tot Ion:240 Resp: 490977

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

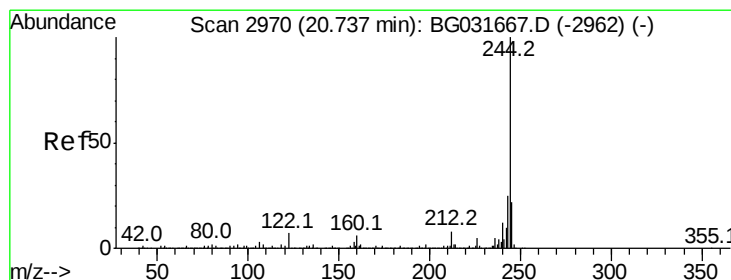
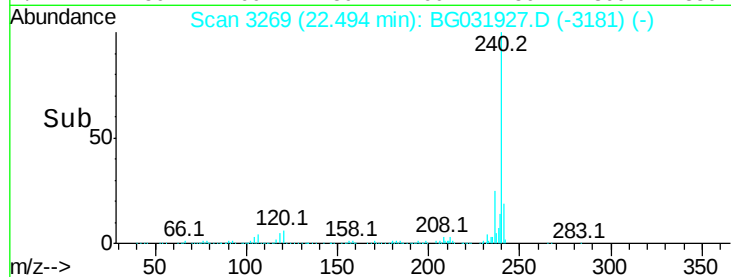
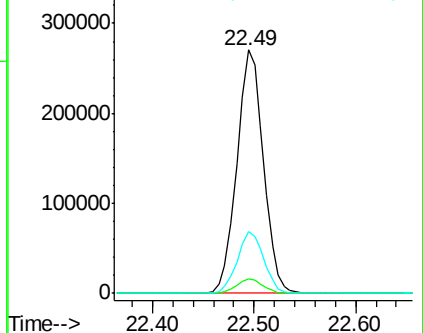
236 25.4 20.9 31.3



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: 78.830 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031927.D

Acq: 4 Jan 2018 22:29

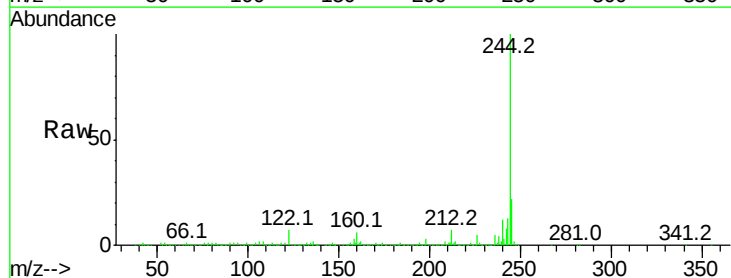
Tgt Ion:244 Resp: 1694085

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

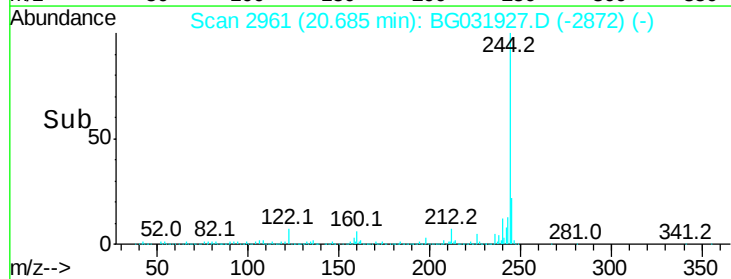
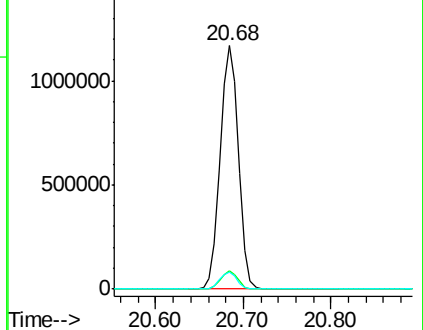
122 7.0 7.0 10.4

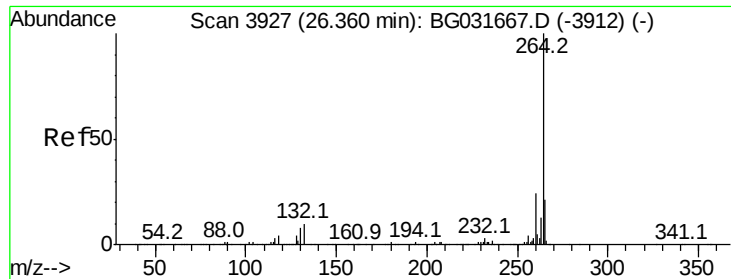


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

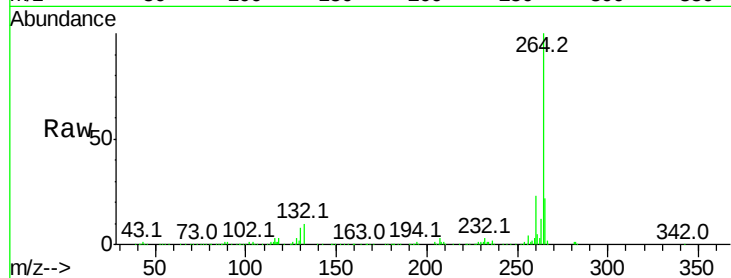




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.24 min Scan# 3906
 Delta R.T. -0.02 min
 Lab File: BG031927.D
 Acq: 4 Jan 2018 22:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	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

