

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035530.D
 Acq On : 30 Jun 2018 7:04
 Operator : JU/SJ
 Sample : J3757-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 00:56:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

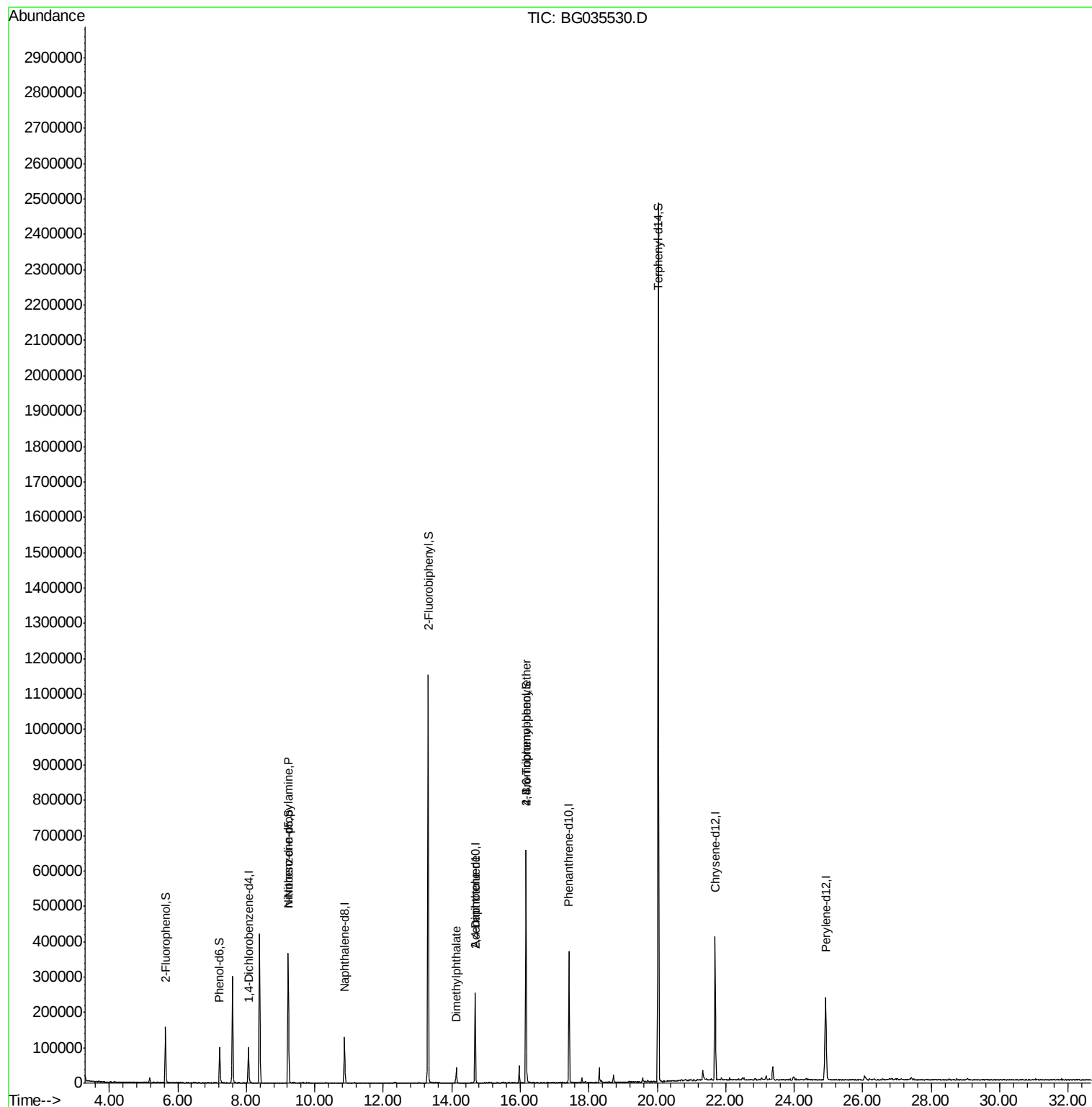
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27151	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	112521	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	86139	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	244017	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	263867	20.00	ng	-0.03
86) Perylene-d12	24.92	264	249256	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	67936	42.23	ng	0.00
7) Phenol-d6	7.22	99	62396	26.28	ng	0.00
23) Nitrobenzene-d5	9.23	82	253047	106.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	127838	115.93	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	623211	94.05	ng	-0.02
78) Terphenyl-d14	20.03	244	1155241	91.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	33975	16.841	ng	# 65
49) Dimethylphthalate	14.13	163	30923	4.117	ng	# 97
56) 2,4-Dinitrotoluene	14.68	165	12098	6.646	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	10121	3.444	ng	# 1

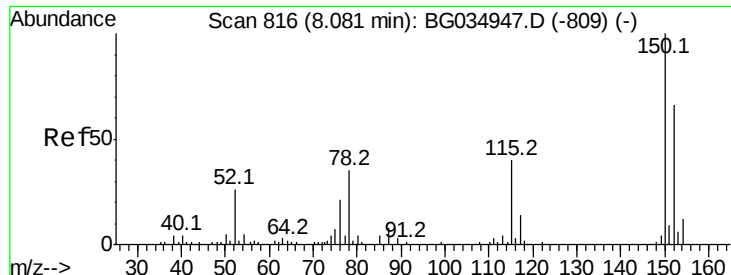
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035530.D
Acq On : 30 Jun 2018 7:04
Operator : JU/SJ
Sample : J3757-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 02 00:56:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



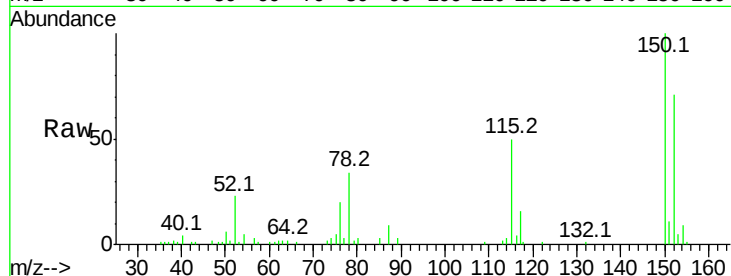


#1

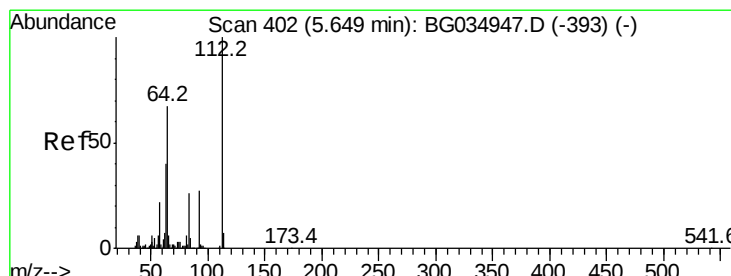
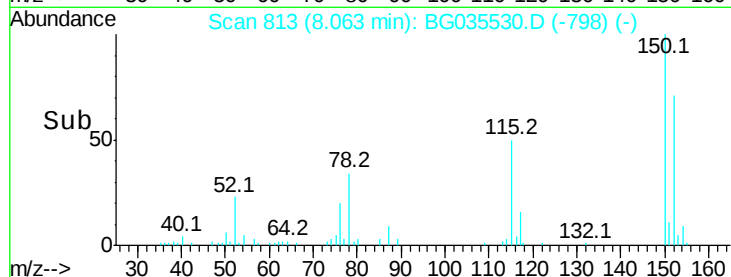
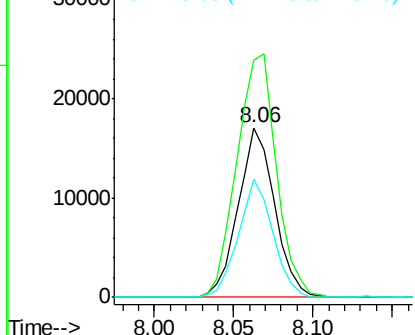
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035530.D
Acq: 30 Jun 2018 7:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27151
Ion Ratio Lower Upper
152 100
150 139.9 126.6 189.8
115 70.0 53.0 79.4



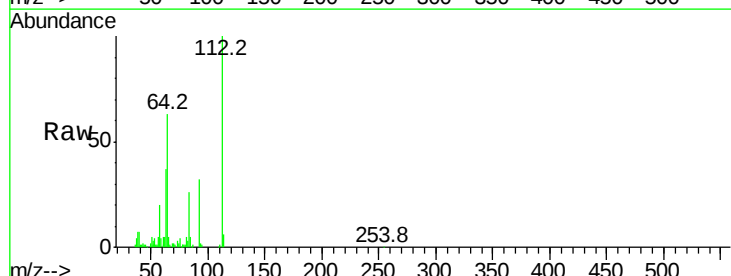
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



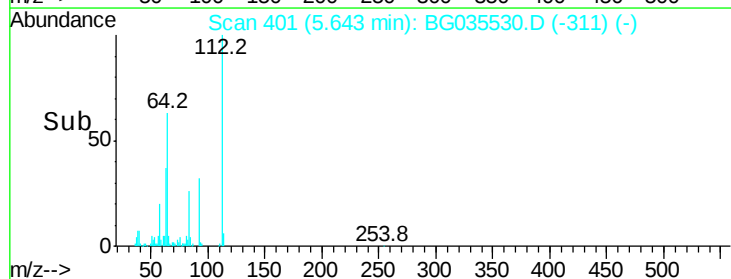
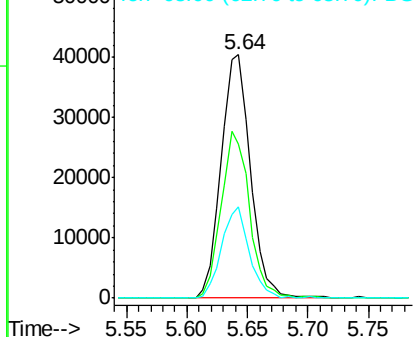
#5

2-Fluorophenol
Concen: 42.227 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035530.D
Acq: 30 Jun 2018 7:04

Tgt Ion:112 Resp: 67936
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 37.2 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: 26.277 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035530.D

Acq: 30 Jun 2018 7:04

Instrument :

BNA_G

ClientSampled :

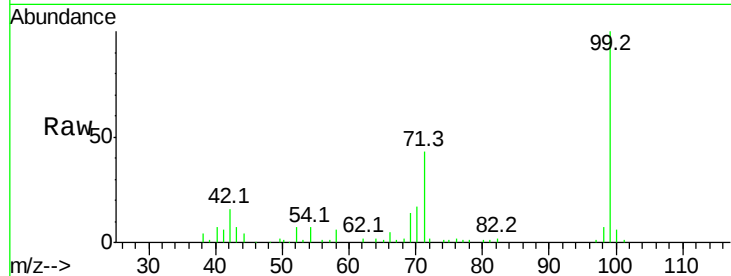
Tot Ion: 99 Resp: 62396

Ion Ratio Lower Upper

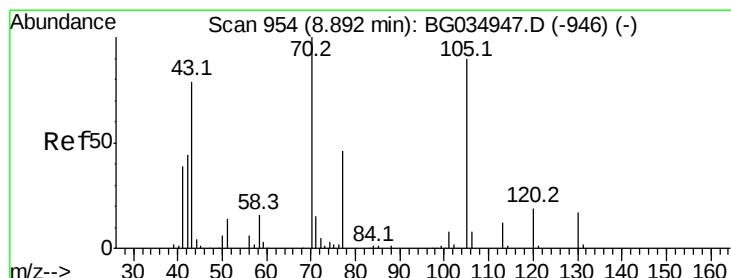
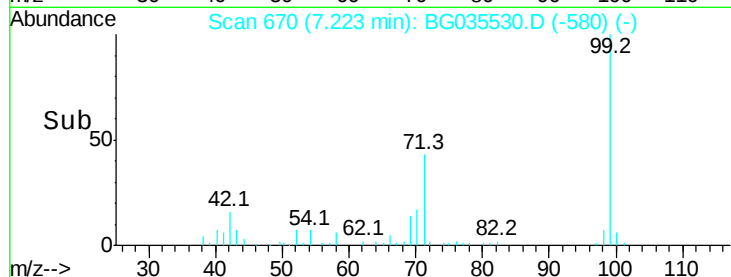
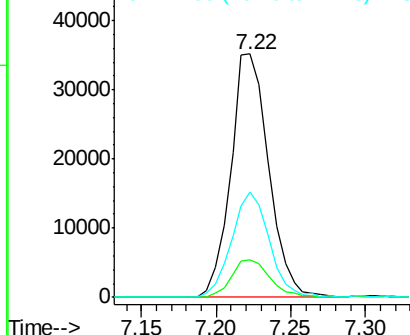
99 100

42 15.6 14.1 21.1

71 43.3 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: 16.841 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035530.D

Acq: 30 Jun 2018 7:04

Tgt Ion: 70 Resp: 33975

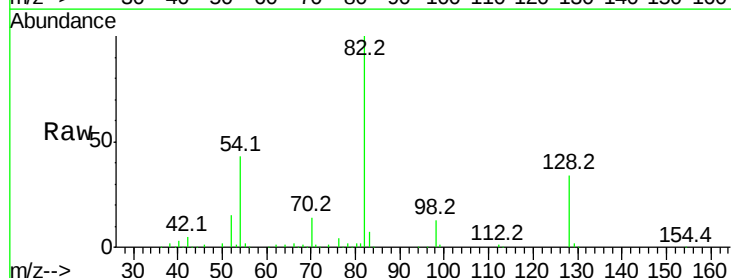
Ion Ratio Lower Upper

70 100

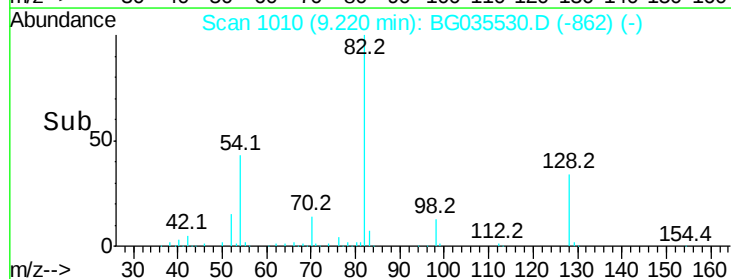
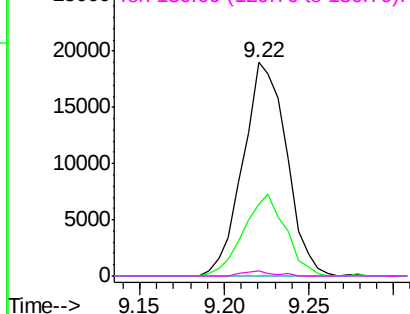
42 33.8 49.1 73.7#

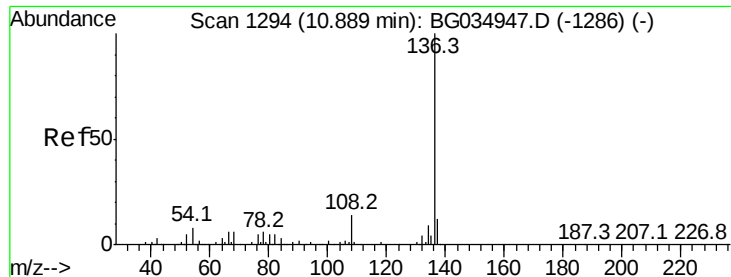
101 0.0 8.5 12.7#

130 2.4 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

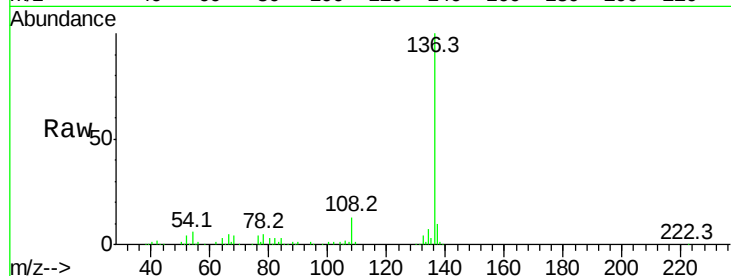




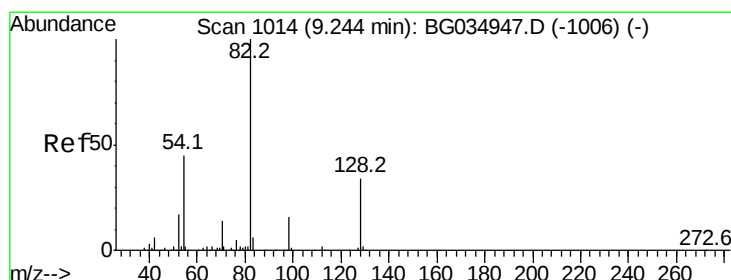
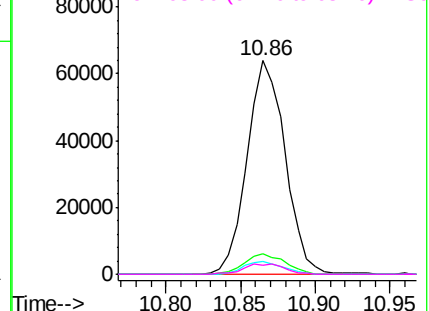
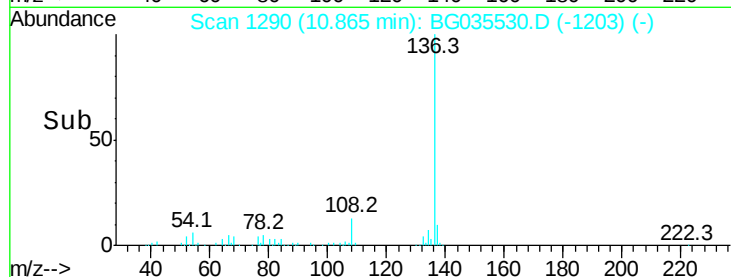
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035530.D
Acq: 30 Jun 2018 7:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	112521
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.2 13.8
54	6.3	10.3 15.5#
68	4.0	4.5 6.7#

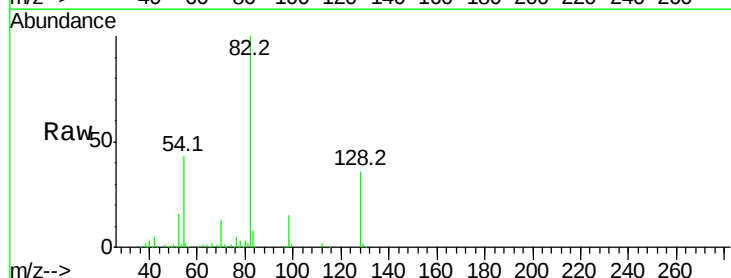


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

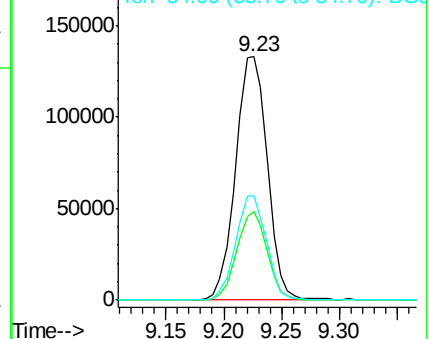
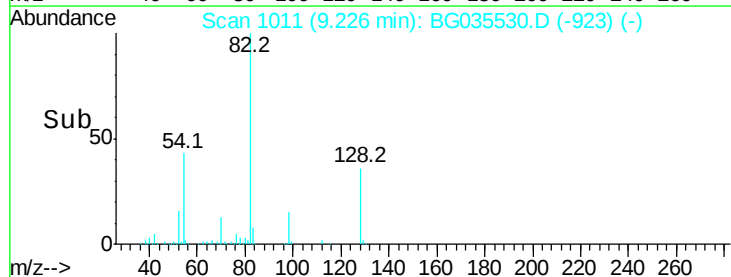


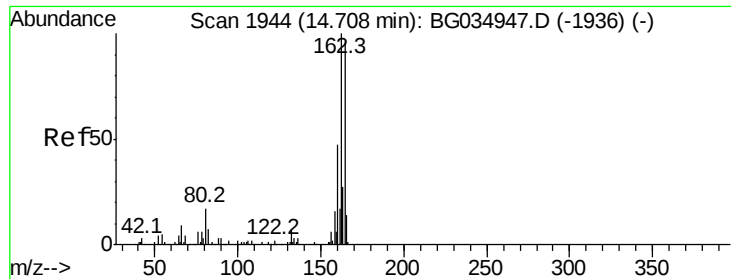
#23
Nitrobenzene-d5
Concen: 106.899 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035530.D
Acq: 30 Jun 2018 7:04

Tgt Ion: 82	Resp:	253047
Ion Ratio	Lower	Upper
82	100	
128	36.3	29.7 44.5
54	42.9	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

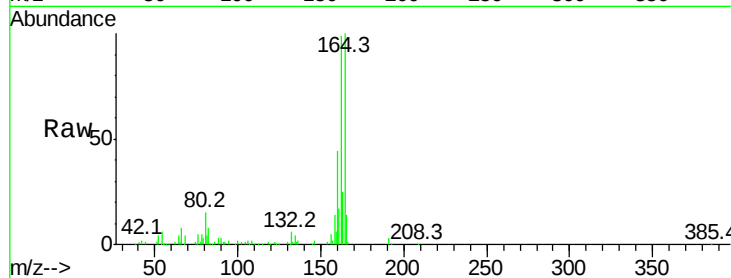




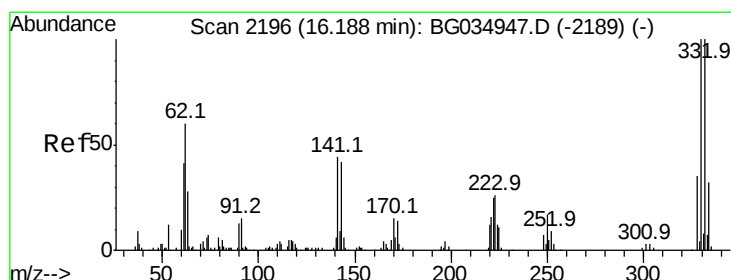
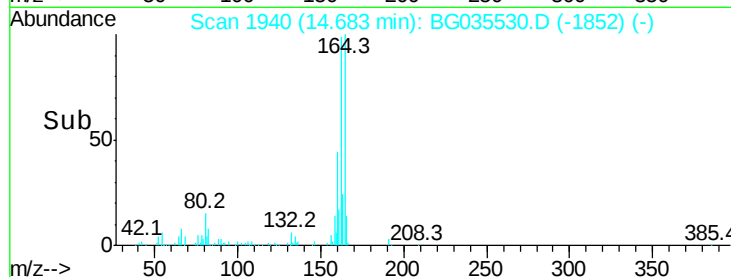
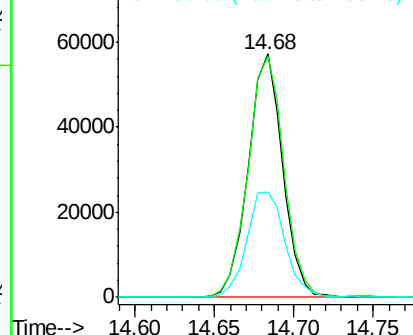
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035530.D
 Acq: 30 Jun 2018 7:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	43.5	35.4	53.0

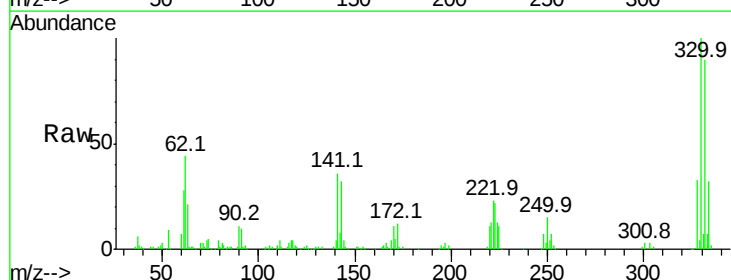


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

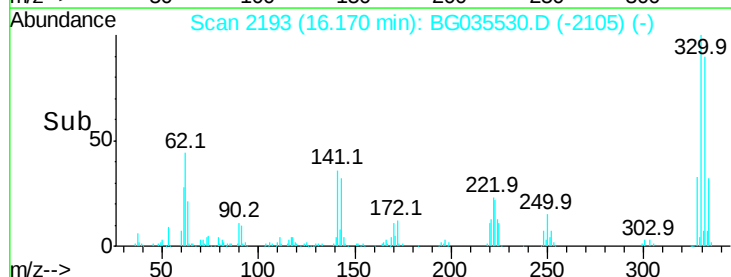
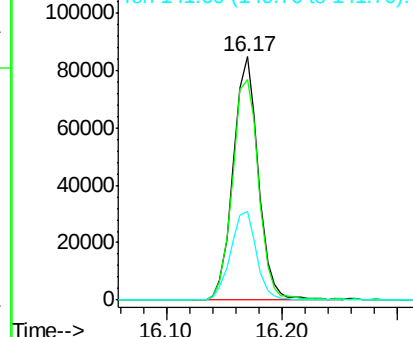


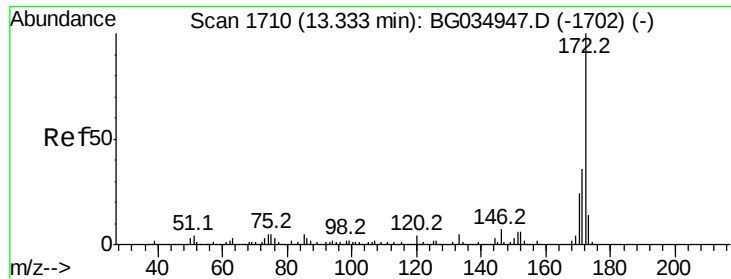
#41
 2,4,6-Tribromophenol
 Concen: 115.933 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035530.D
 Acq: 30 Jun 2018 7:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	37.7	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

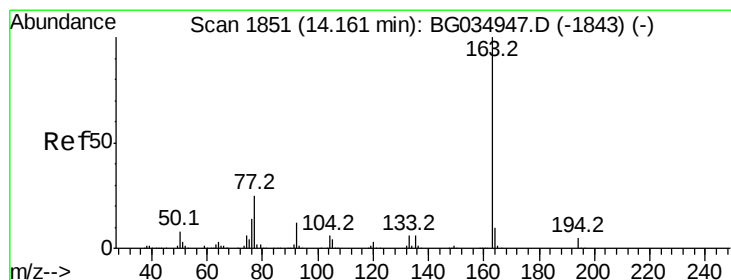
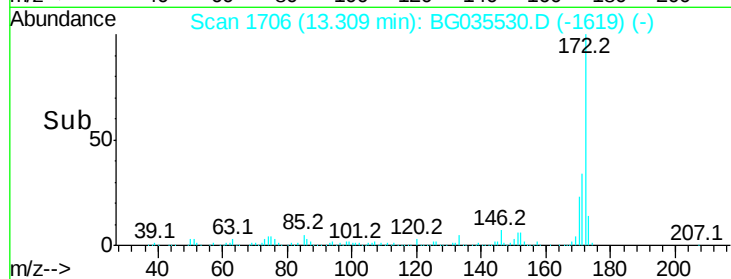
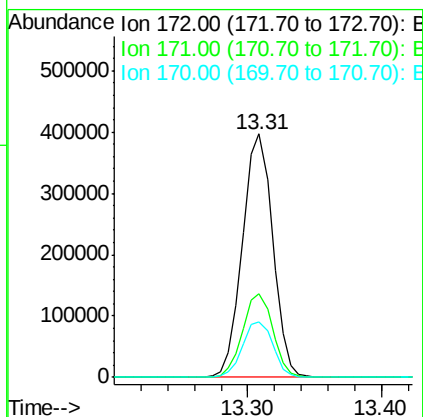
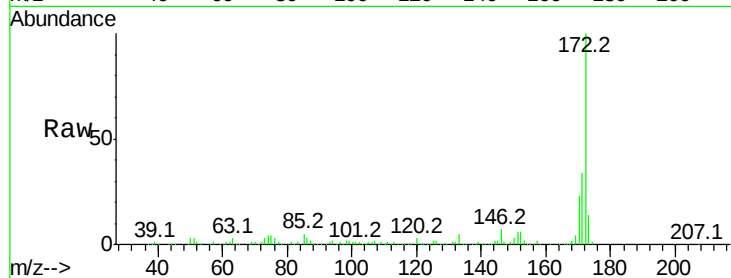




#44
2-Fluorobiphenyl
Concen: 94.054 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035530.D
Acq: 30 Jun 2018 7:04

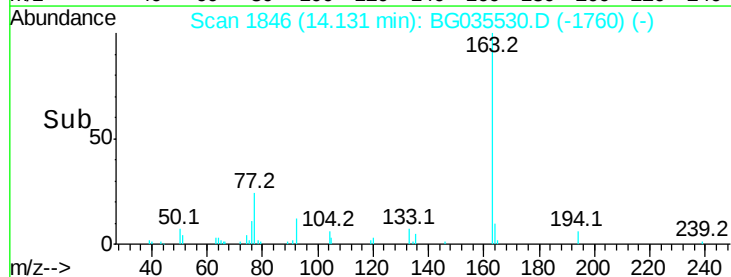
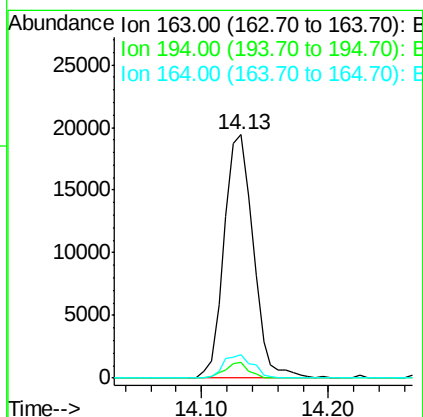
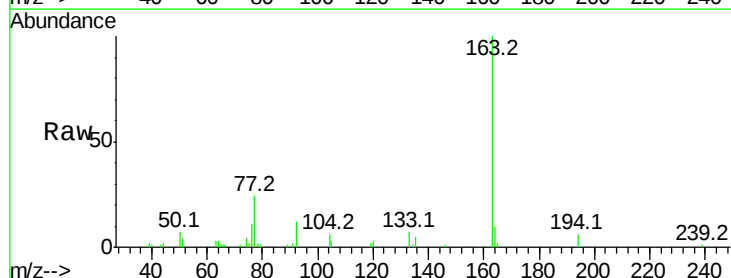
Instrument :
BNA_G
ClientSampled :

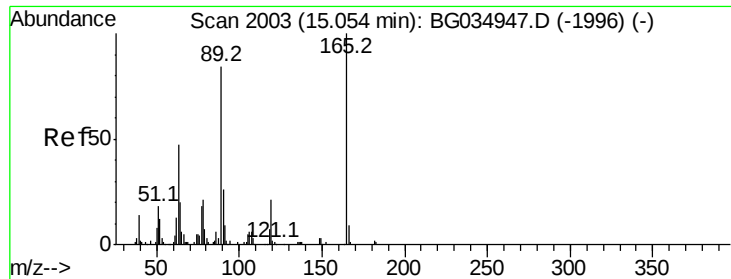
Tot Ion:172 Resp: 623211
Ion Ratio Lower Upper
172 100
171 34.3 30.0 45.0
170 23.0 19.5 29.3



#49
Dimethylphthalate
Concen: 4.117 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.03 min
Lab File: BG035530.D
Acq: 30 Jun 2018 7:04

Tgt Ion:163 Resp: 30923
Ion Ratio Lower Upper
163 100
194 6.4 3.4 5.2#
164 9.7 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.646 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.37 min

Lab File: BG035530.D

Acq: 30 Jun 2018 7:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 12098

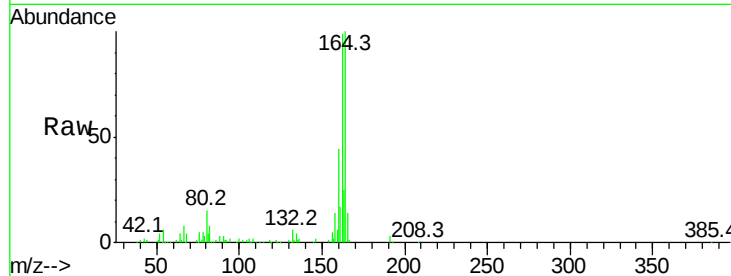
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

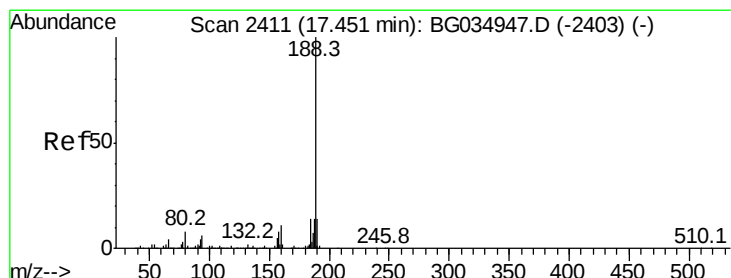
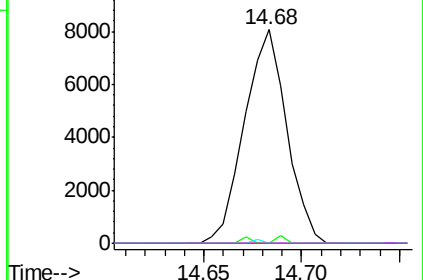
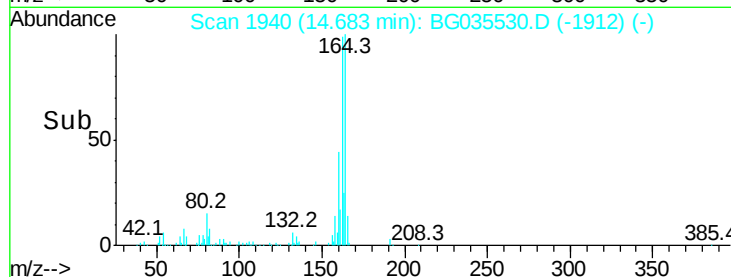


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035530.D

Acq: 30 Jun 2018 7:04

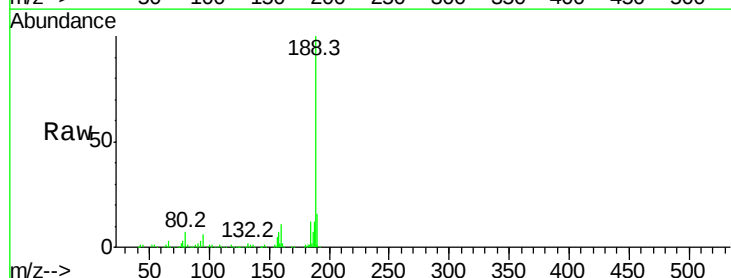
Tgt Ion:188 Resp: 244017

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

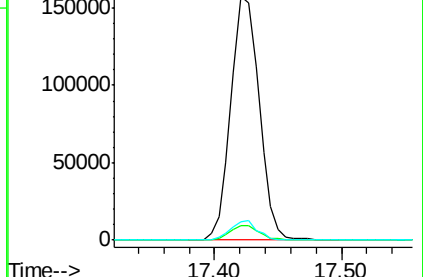
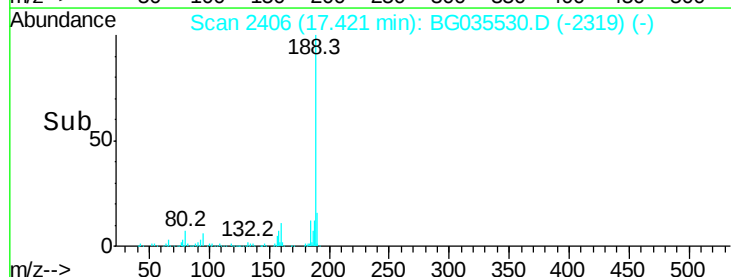
80 7.3 7.7 11.5#



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

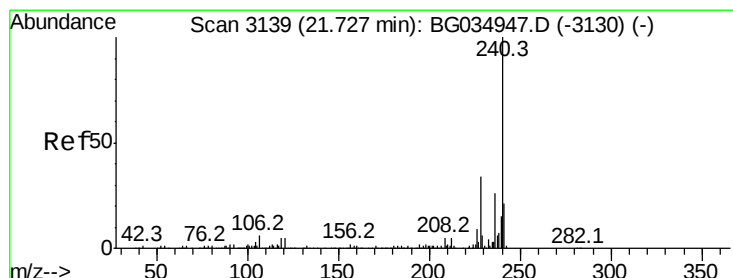
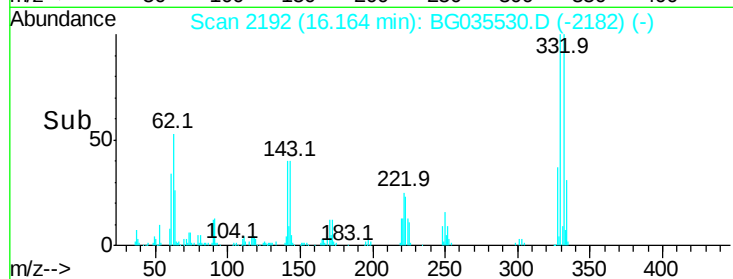
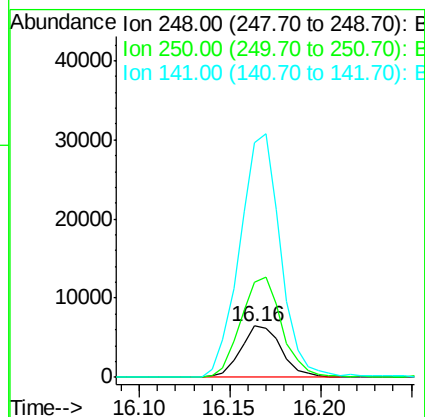
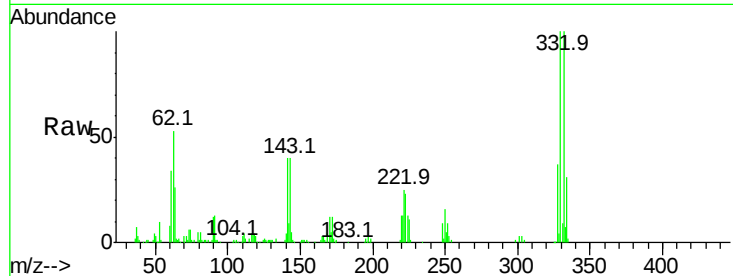




#66
4-Bromophenyl-phenylether
Concen: 3.444 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035530.D
Acq: 30 Jun 2018 7:04

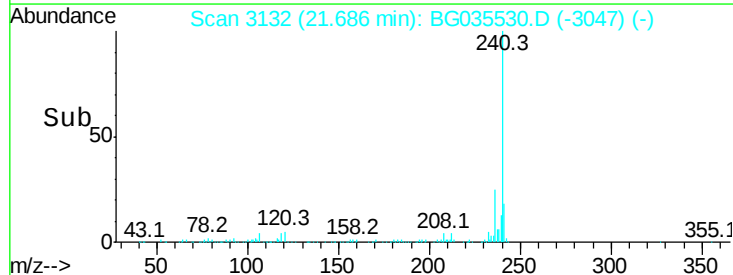
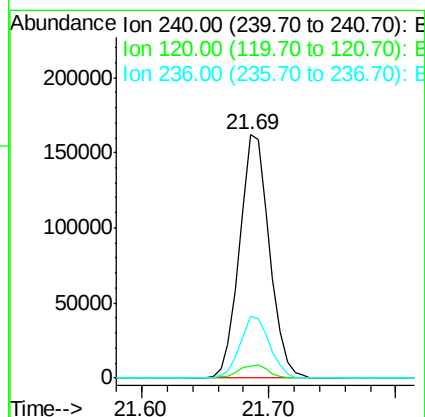
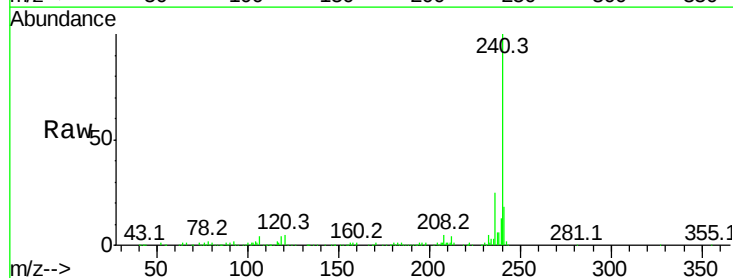
Instrument :
BNA_G
ClientSampleId :

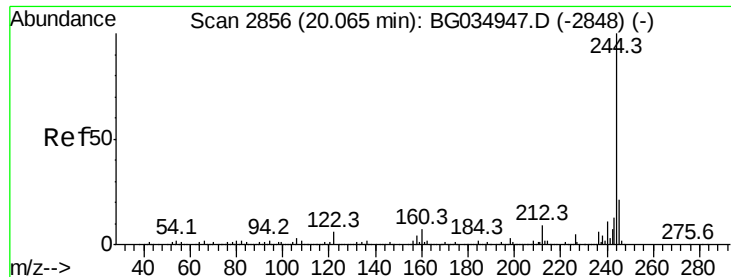
Tot Ion:248 Resp: 10121
Ion Ratio Lower Upper
248 100
250 187.5 77.1 115.7#
141 459.4 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035530.D
Acq: 30 Jun 2018 7:04

Tgt Ion:240 Resp: 263867
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 91.707 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035530.D

Acq: 30 Jun 2018 7:04

Instrument :

BNA_G

ClientSampleId :

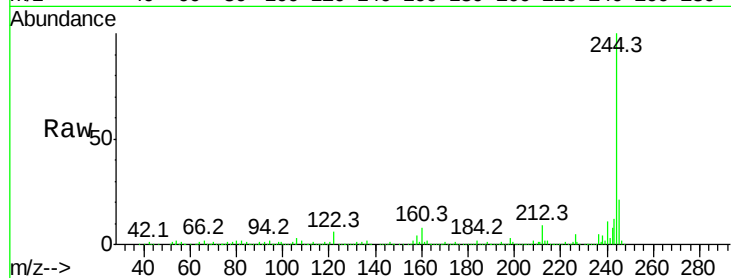
Tot Ion:244 Resp: 1155241

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

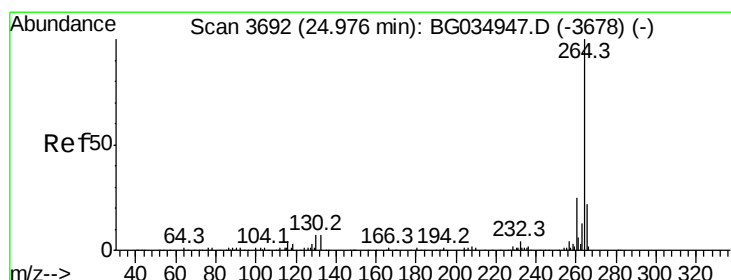
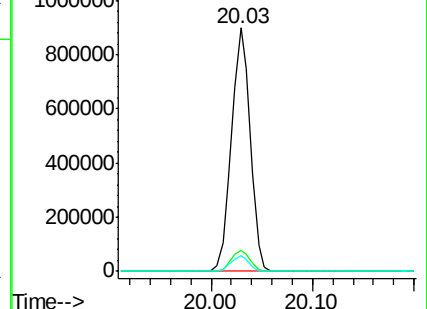
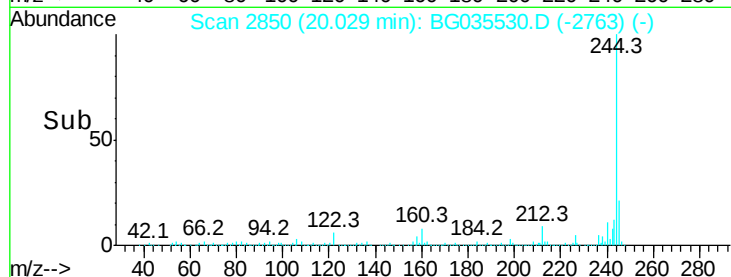
122 6.2 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035530.D

Acq: 30 Jun 2018 7:04

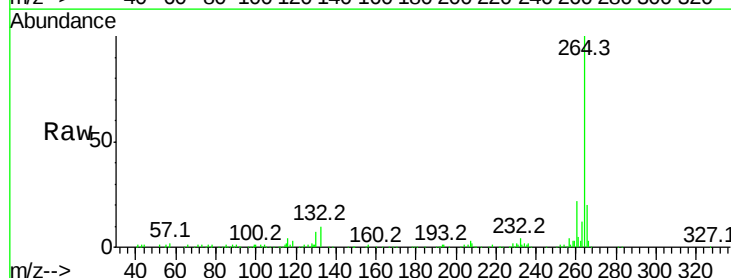
Tgt Ion:264 Resp: 249256

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 20.0 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

