

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036525.D
 Acq On : 4 Sep 2018 10:41
 Operator : JU/SJ
 Sample : J4699-04RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 11:19:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

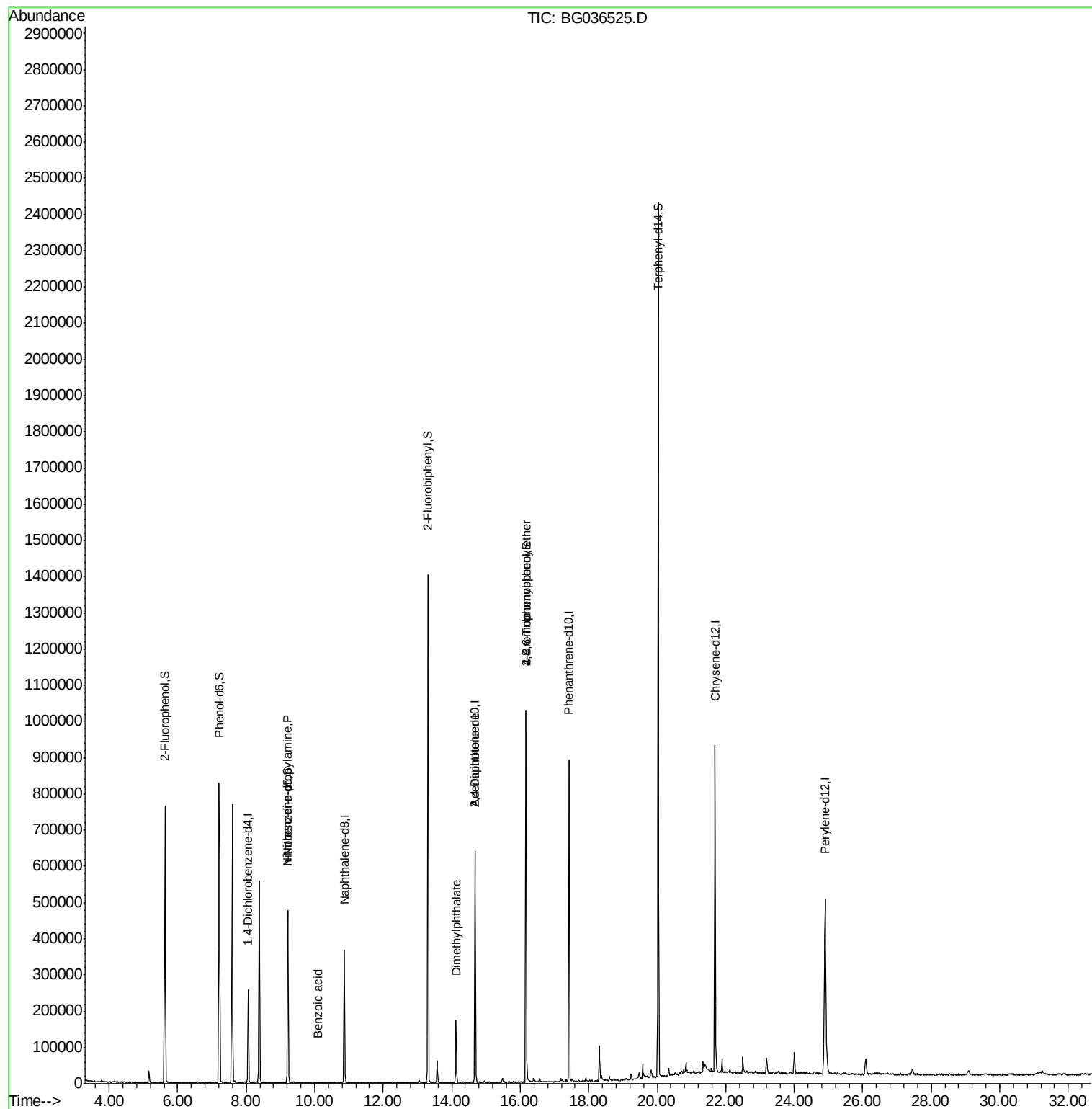
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71005	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	315286	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	219796	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	559488	20.00	ng	0.00
75) Chrysene-d12	21.69	240	558136	20.00	ng	0.00
86) Perylene-d12	24.91	264	568017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	333969	74.61	ng	0.00
7) Phenol-d6	7.21	99	493616	77.02	ng	0.00
23) Nitrobenzene-d5	9.22	82	283593	48.80	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	192855	73.53	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	721226	46.85	ng	0.00
78) Terphenyl-d14	20.03	244	1182977	49.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	36123	7.542	ng	# 69
32) Benzoic acid	10.09	122	111	4.509	ng	# 46
49) Dimethylphthalate	14.13	163	110160	6.138	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	28675	5.958	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	13925	2.126	ng	# 1

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

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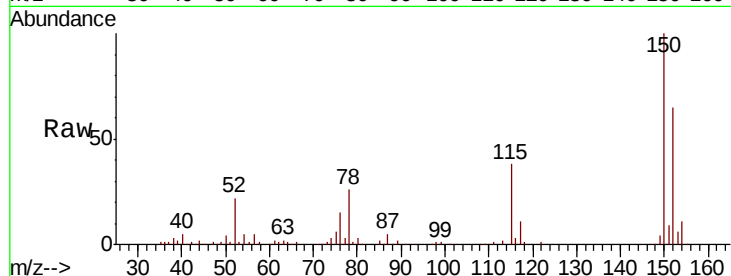


#1

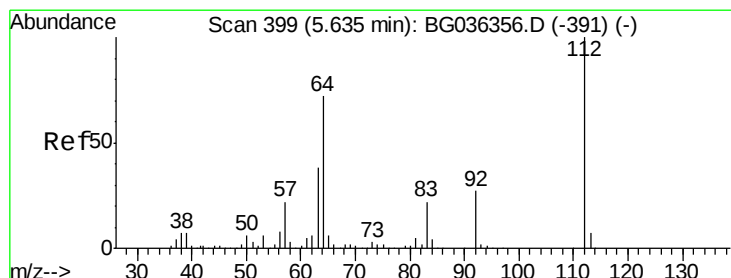
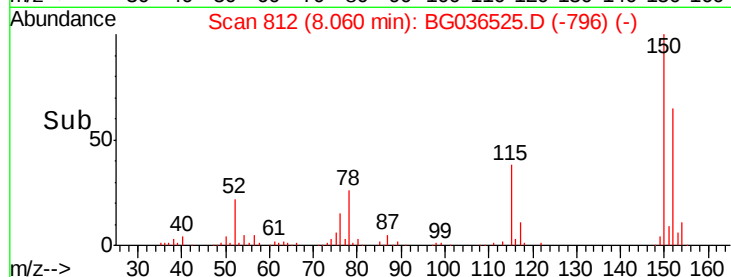
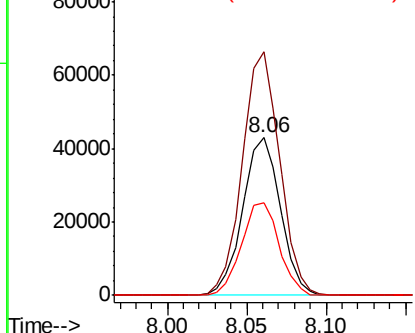
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 71005
Ion Ratio Lower Upper
152 100
150 154.5 119.5 179.3
115 58.9 44.5 66.7



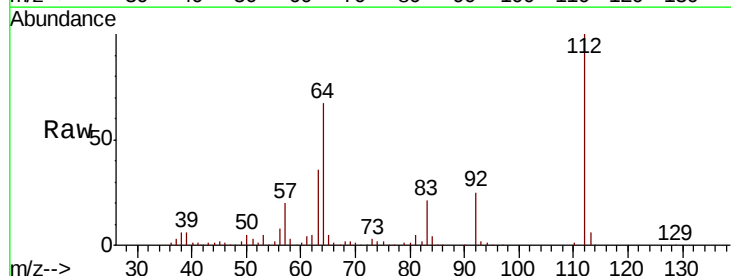
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



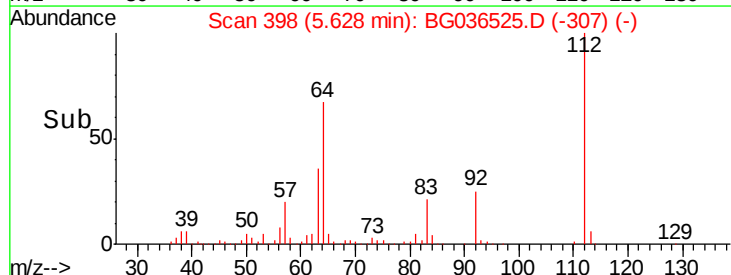
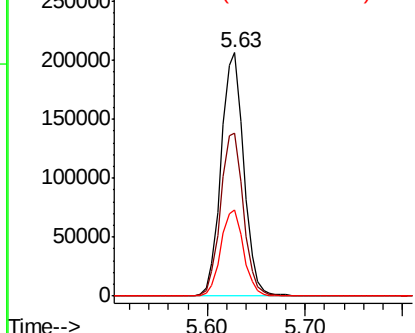
#5

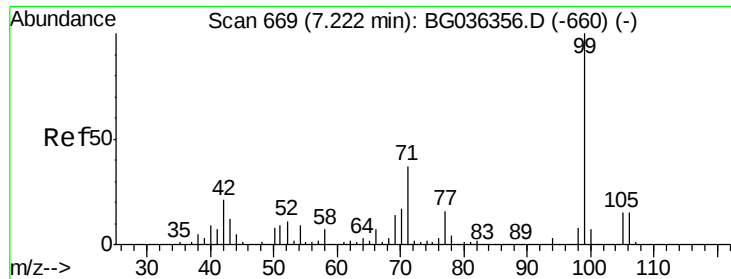
2-Fluorophenol
Concen: 74.611 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Tgt Ion:112 Resp: 333969
Ion Ratio Lower Upper
112 100
64 67.1 57.2 85.8
63 35.6 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 77.022 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

Instrument :

BNA_G

ClientSampleId :

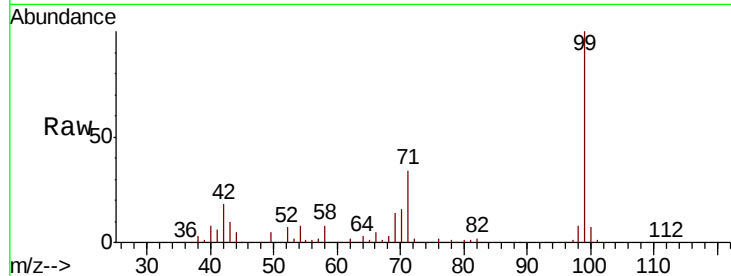
Tot Ion: 99 Resp: 493616

Ion Ratio Lower Upper

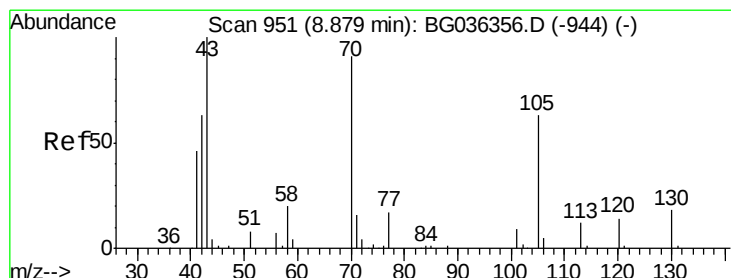
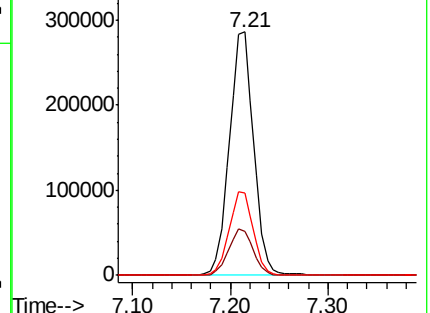
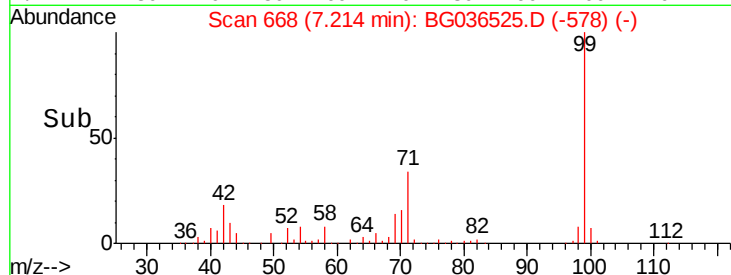
99 100

42 18.2 16.5 24.7

71 33.9 29.4 44.2



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: 7.542 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

Tgt Ion: 70 Resp: 36123

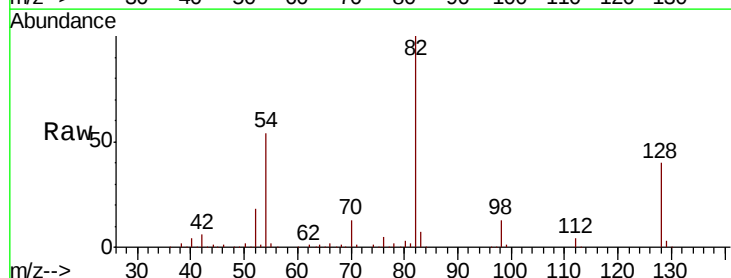
Ion Ratio Lower Upper

70 100

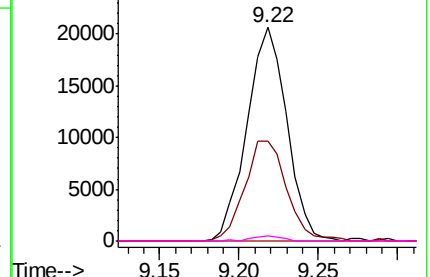
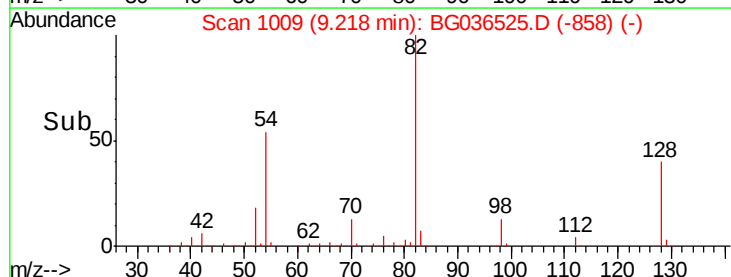
42 46.8 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#



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

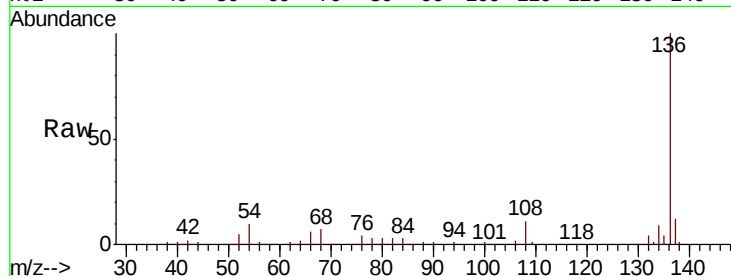




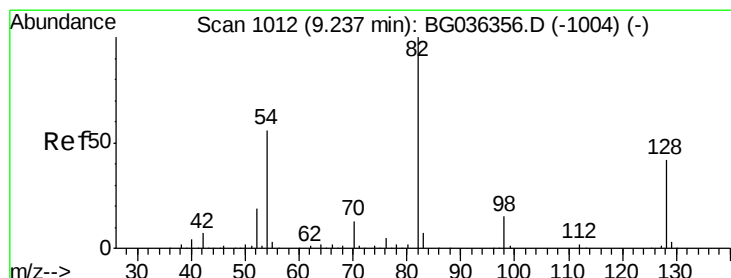
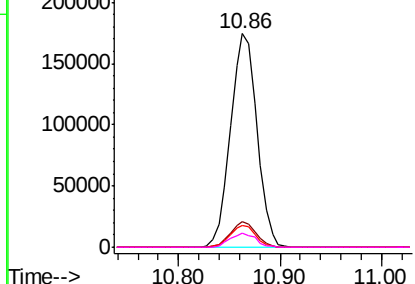
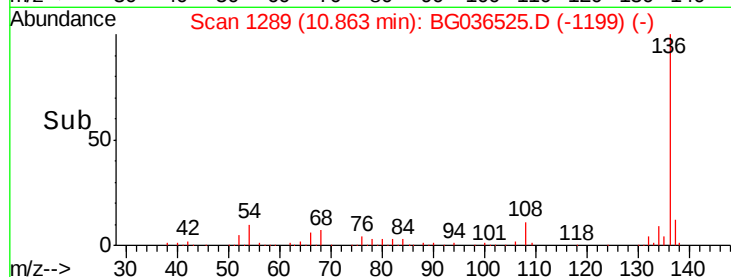
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	315286
Ion	Ratio	Lower Upper
136	100	
137	12.2	8.8 13.2
54	10.4	9.2 13.8
68	6.8	5.8 8.6

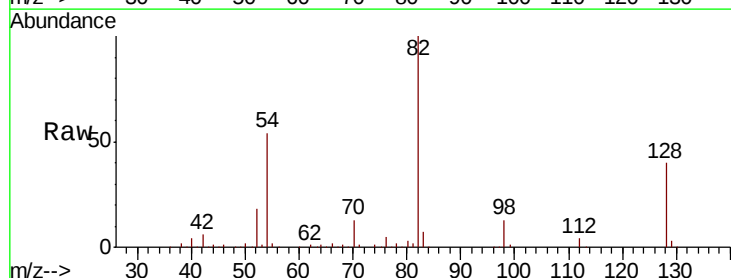


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

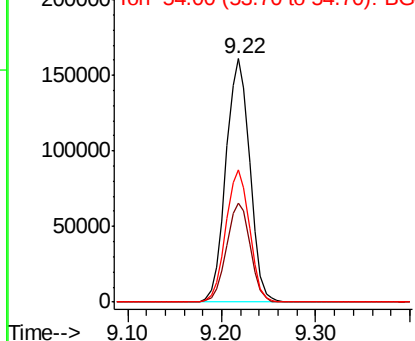
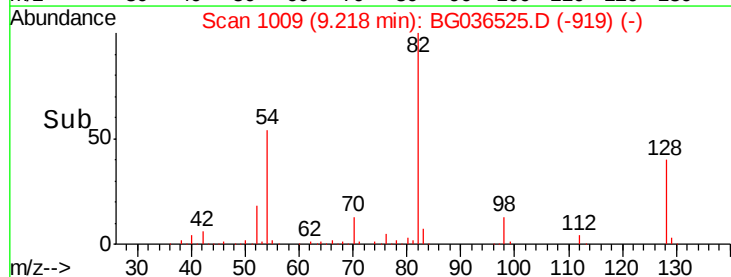


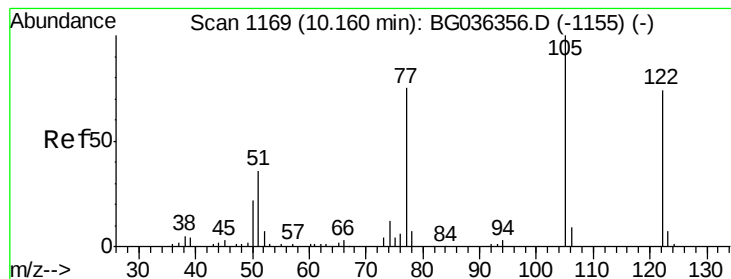
#23
Nitrobenzene-d5
Concen: 48.803 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Tgt Ion: 82	Resp:	283593
Ion	Ratio	Lower Upper
82	100	
128	40.4	33.3 49.9
54	54.5	45.1 67.7



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





#32

Benzoic acid

Concen: 4.509 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.06 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

Instrument :

BNA_G

ClientSampled :

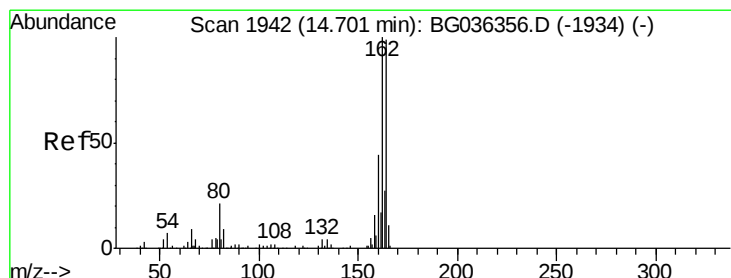
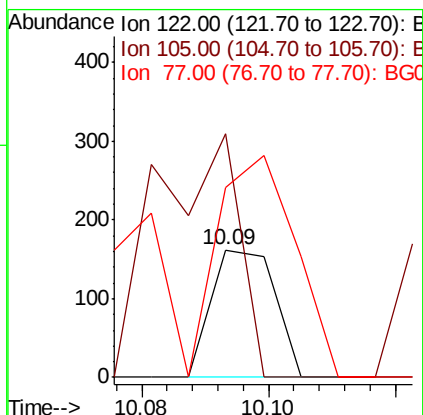
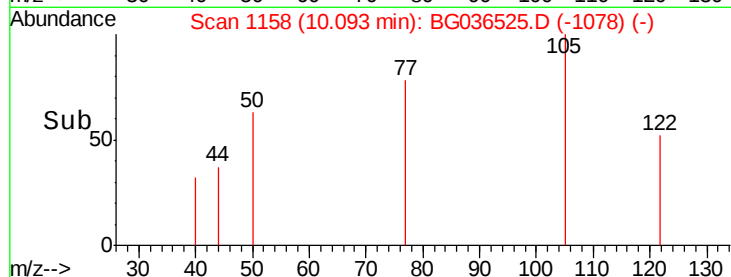
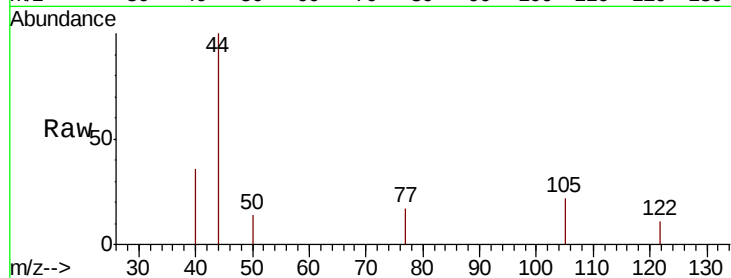
Tot Ion:122 Resp: 111

Ion Ratio Lower Upper

122 100

105 190.7 108.1 148.1#

77 149.4 76.3 116.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

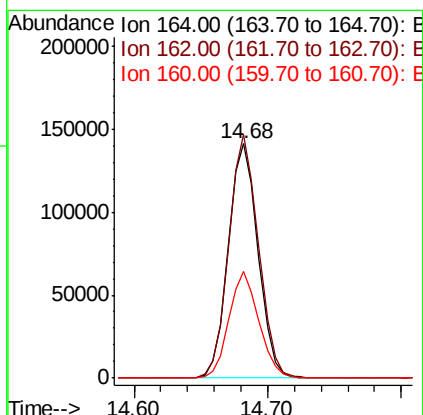
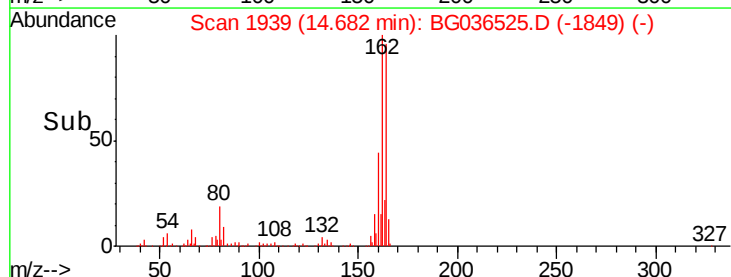
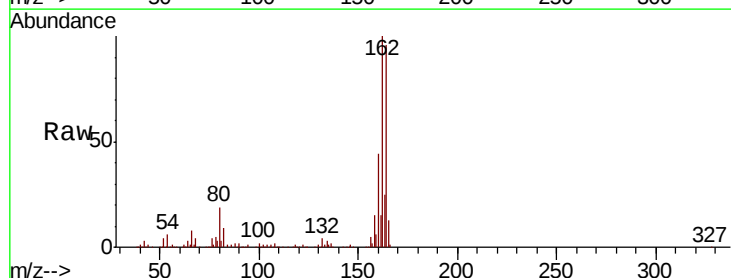
Tgt Ion:164 Resp: 219796

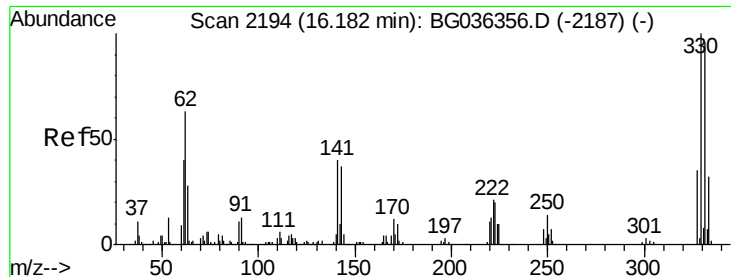
Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

160 45.3 35.3 52.9

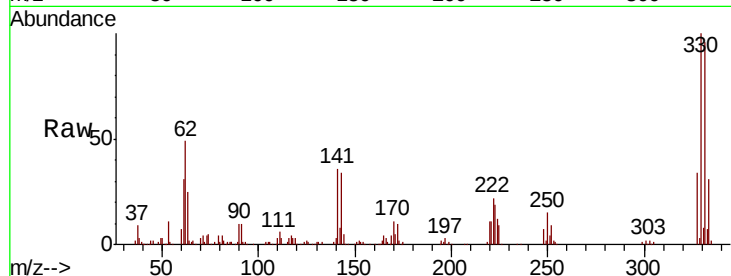




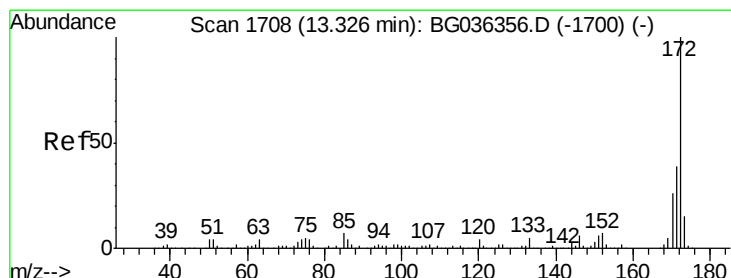
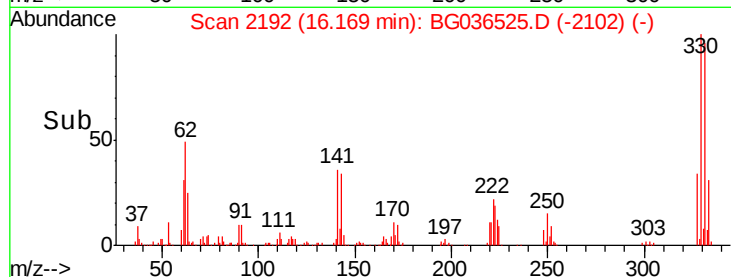
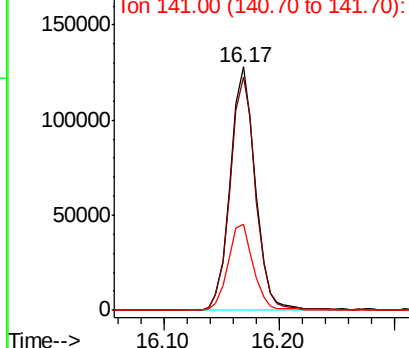
#41
 2,4,6-Tribromophenol
 Concen: 73.534 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036525.D
 Acq: 4 Sep 2018 10:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.2
141	35.7	30.7	46.1

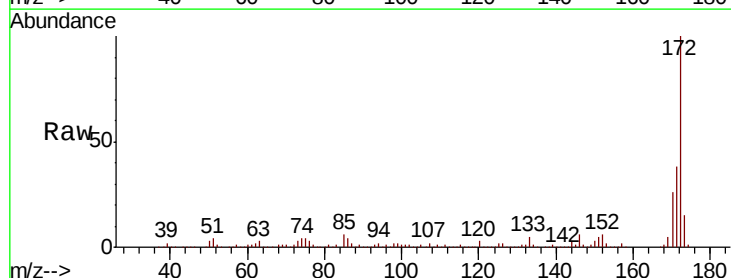


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

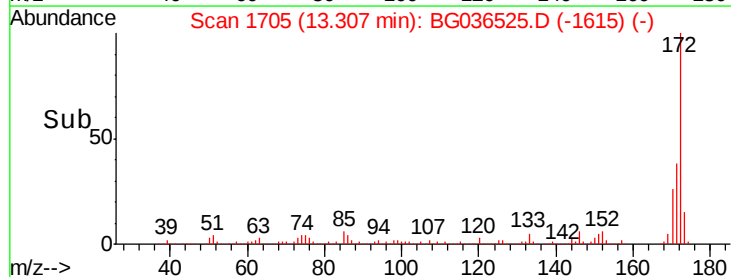
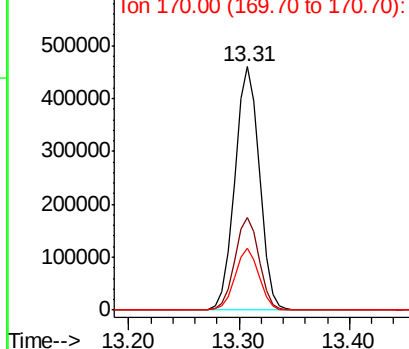


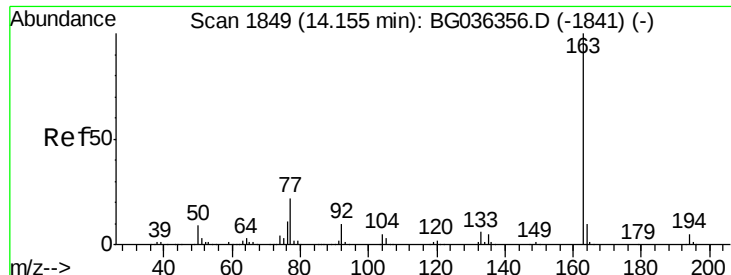
#44
 2-Fluorobiphenyl
 Concen: 46.852 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036525.D
 Acq: 4 Sep 2018 10:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.7	21.0	31.6



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

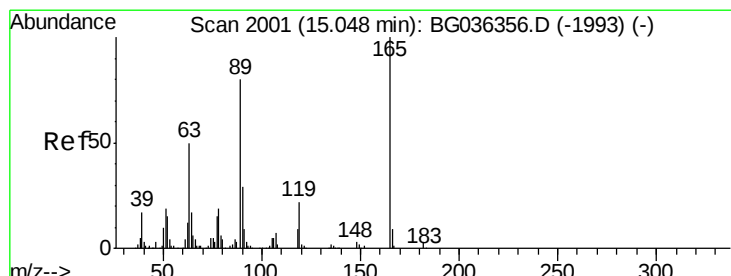
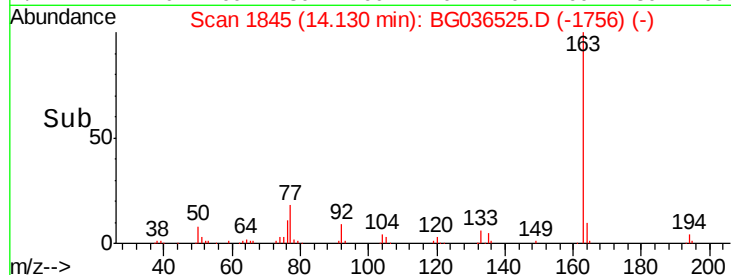
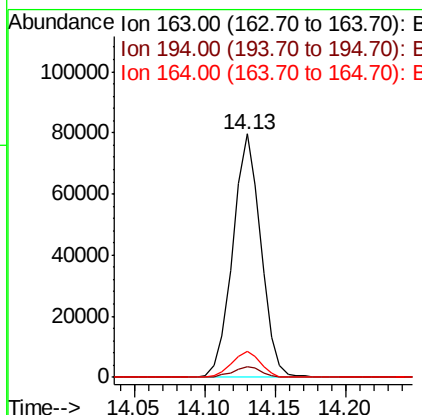
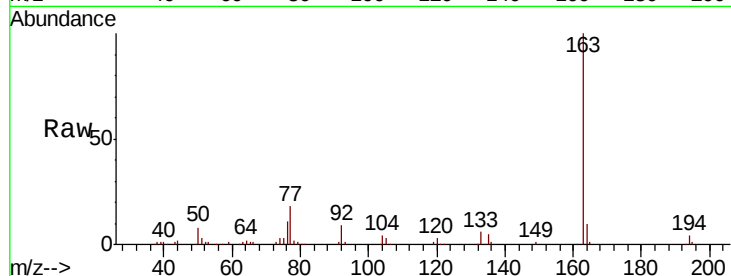




#49
Dimethylphthalate
Concen: 6.138 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

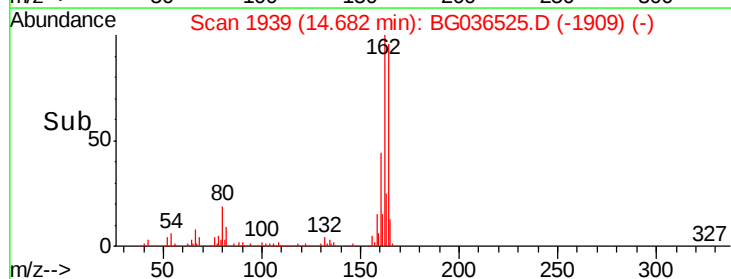
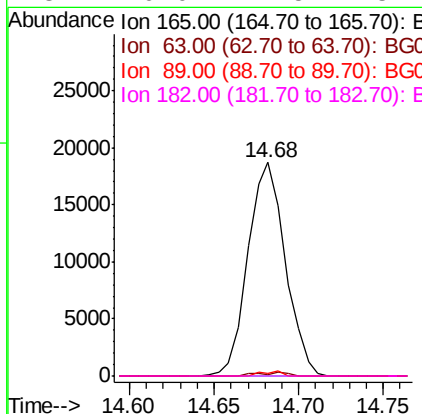
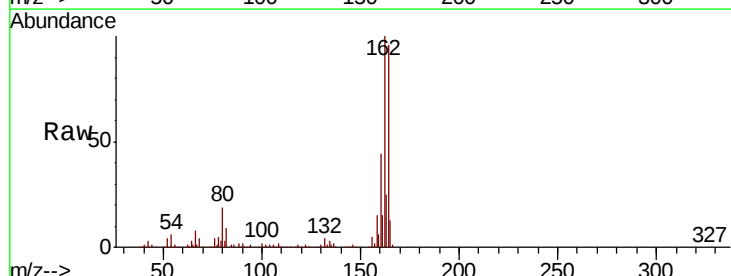
Instrument :
BNA_G
ClientSampleId :

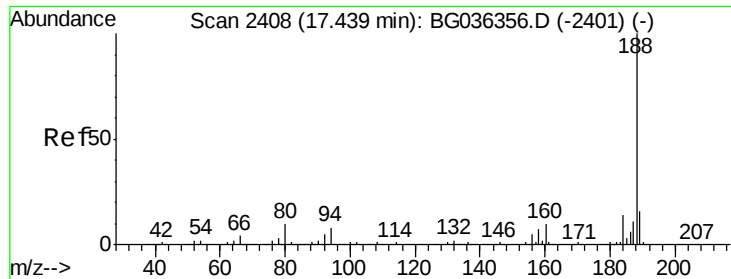
Tot Ion:163 Resp: 110160
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.5 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Tgt Ion:165 Resp: 28675
Ion Ratio Lower Upper
165 100
63 0.9 40.1 60.1#
89 1.5 63.7 95.5#
182 0.0 2.5 3.7#

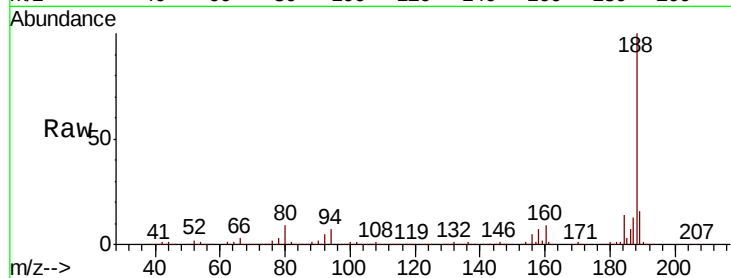




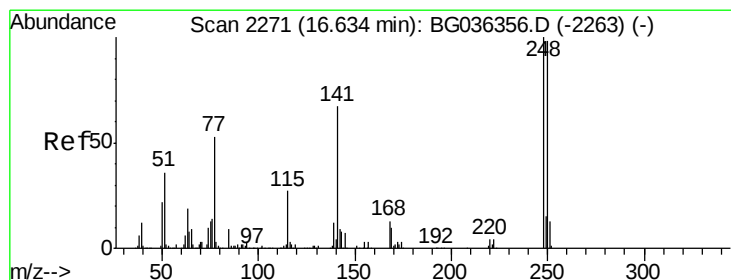
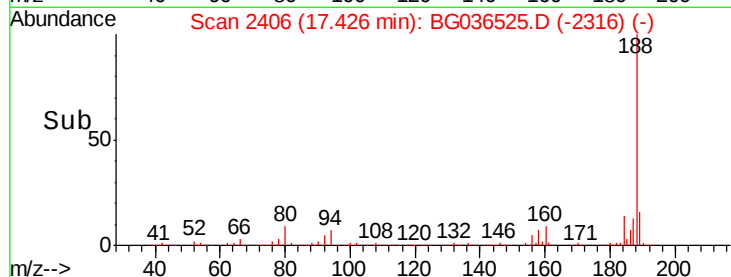
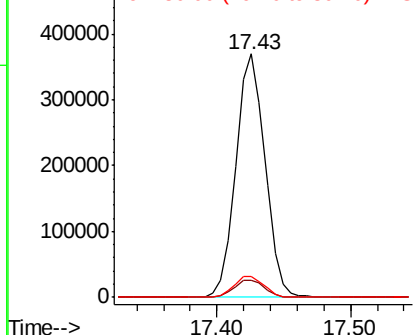
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 559488
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 8.8 8.1 12.1

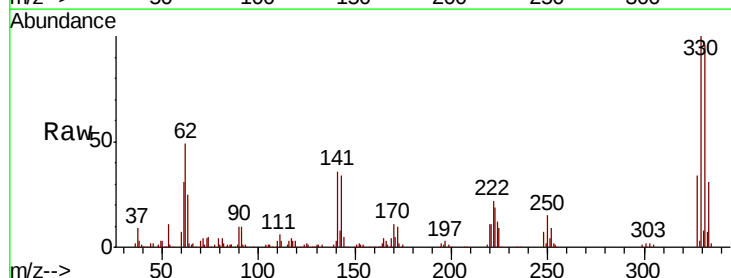


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

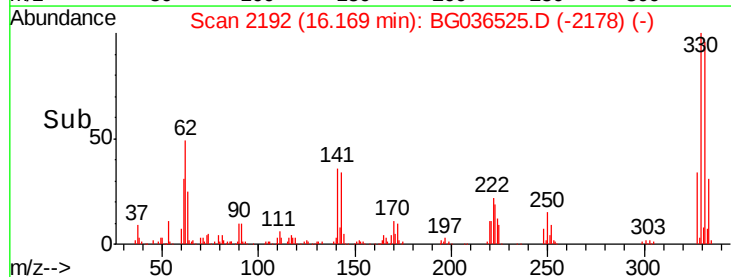
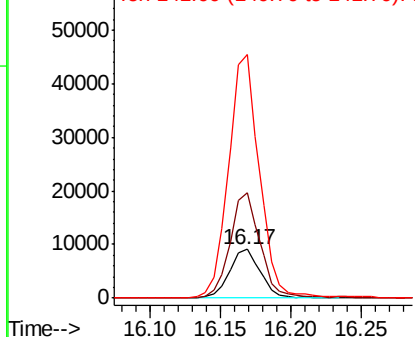


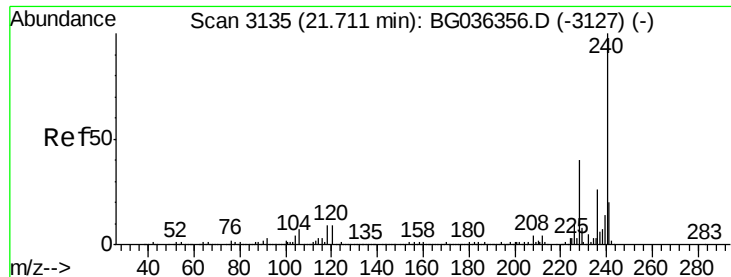
#66
4-Bromophenyl-phenylether
Concen: 2.126 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Tgt Ion:248 Resp: 13925
Ion Ratio Lower Upper
248 100
250 215.9 78.1 117.1#
141 500.0 53.7 80.5#



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: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

Instrument :

BNA_G

ClientSampleId :

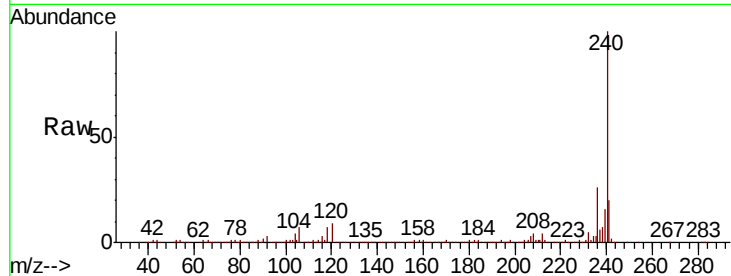
Tot Ion:240 Resp: 558136

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

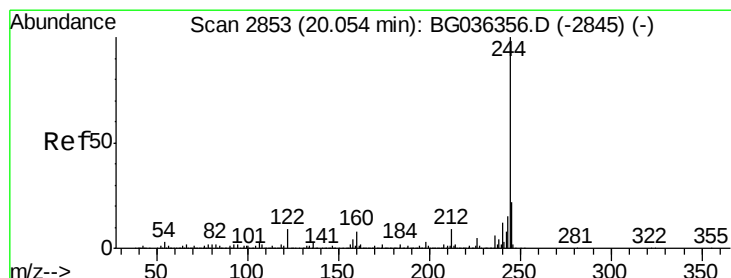
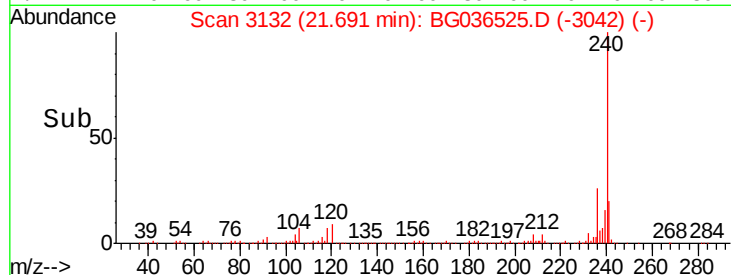
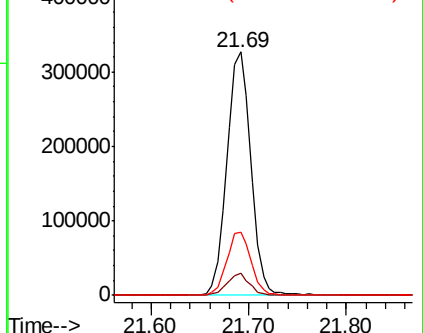
236 26.0 21.2 31.8



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: 49.540 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036525.D

Acq: 4 Sep 2018 10:41

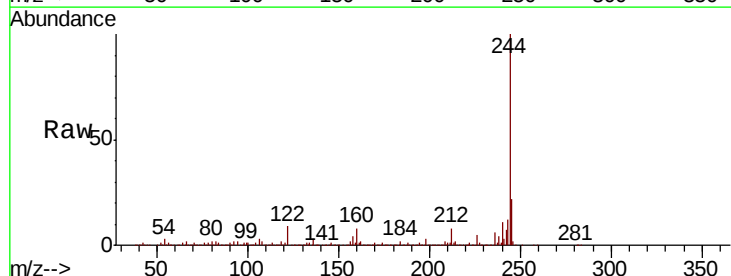
Tgt Ion:244 Resp: 1182977

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

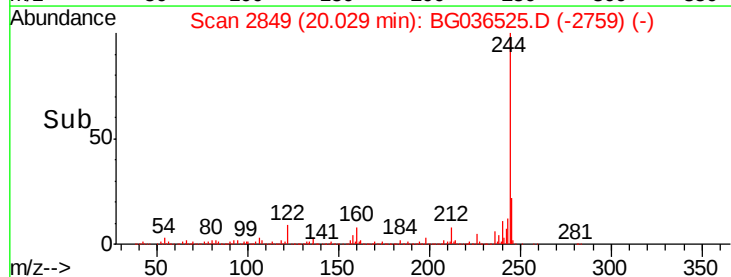
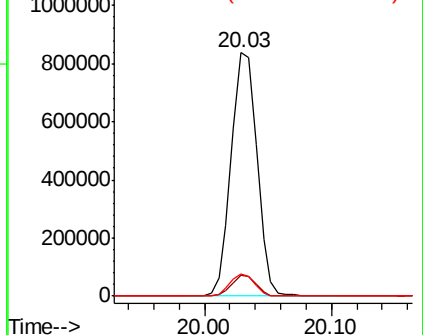
122 9.2 7.1 10.7

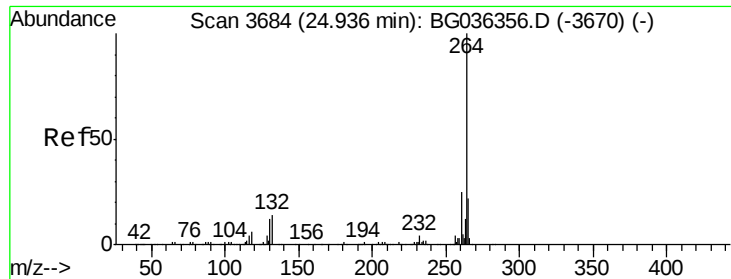


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

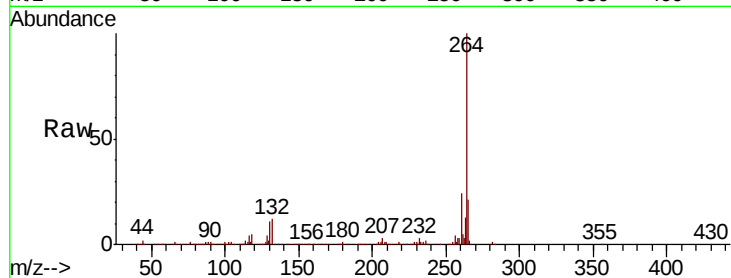




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036525.D
Acq: 4 Sep 2018 10:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.4	17.4	26.0



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

