

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
 Data File : BG036565.D
 Acq On : 5 Sep 2018 17:58
 Operator : JU/SJ
 Sample : J4741-26
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 05 18:59:30 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

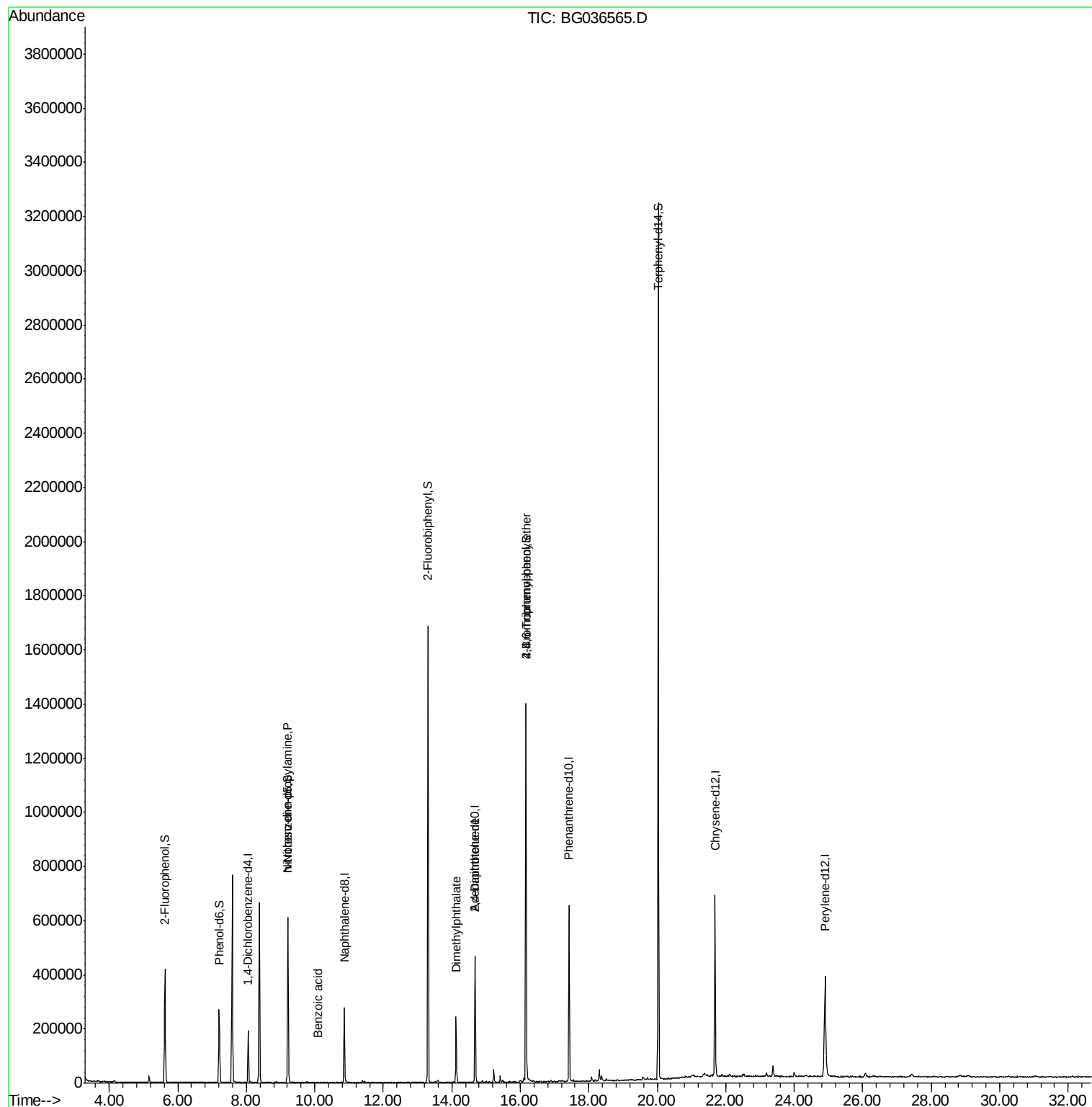
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55280	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	231827	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	160899	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	412619	20.00	ng	0.00
75) Chrysene-d12	21.69	240	427378	20.00	ng	0.00
86) Perylene-d12	24.89	264	433523	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	180851	51.90	ng	0.00
7) Phenol-d6	7.21	99	157084	31.48	ng	-0.01
23) Nitrobenzene-d5	9.22	82	362899	84.93	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	265862	138.48	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	862940	76.58	ng	0.00
78) Terphenyl-d14	20.03	244	1489918	81.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48989	13.138	ng	# 69
32) Benzoic acid	10.10	122	67	4.503	ng	# 1
49) Dimethylphthalate	14.13	163	163677	12.458	ng	99
56) 2,4-Dinitrotoluene	14.68	165	20590	5.844	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	19658	4.069	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
Data File : BG036565.D
Acq On : 5 Sep 2018 17:58
Operator : JU/SJ
Sample : J4741-26
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 05 18:59:30 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



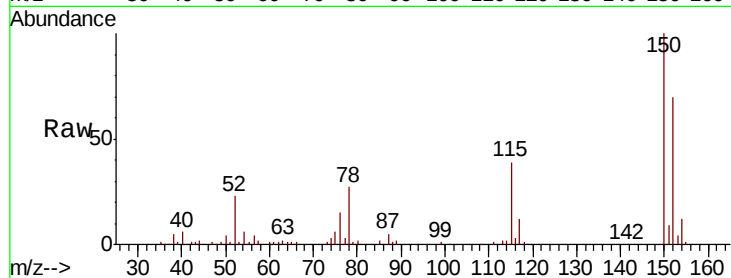


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	119.5	179.3
115	55.8	44.5	66.7

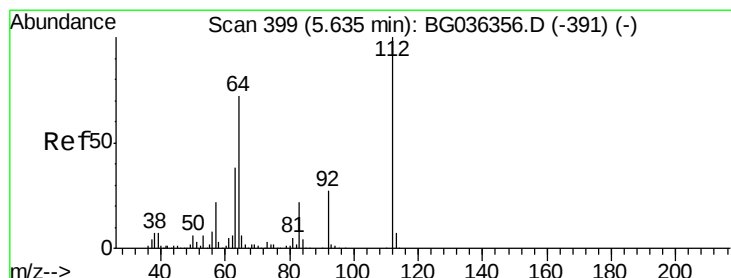
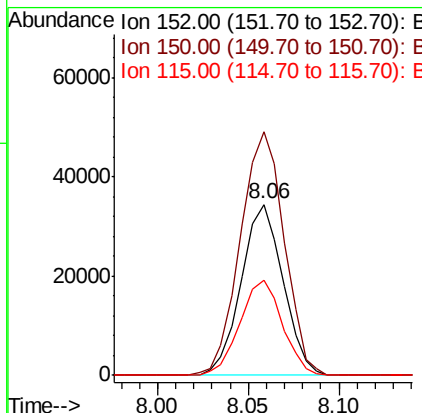
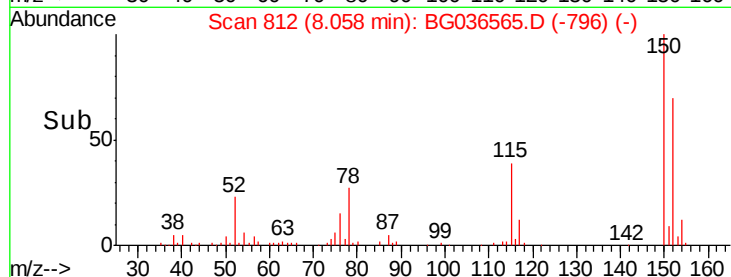


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

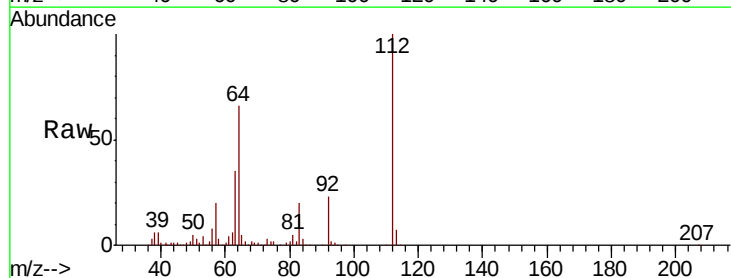
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.896 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	57.2	85.8
63	35.0	30.8	46.2

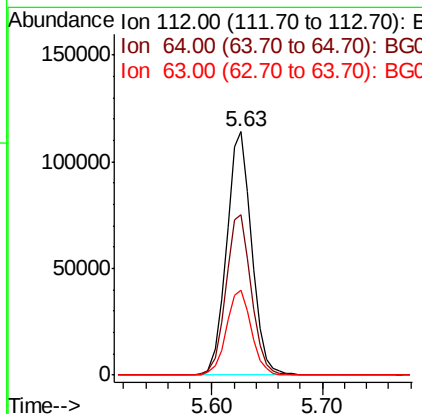
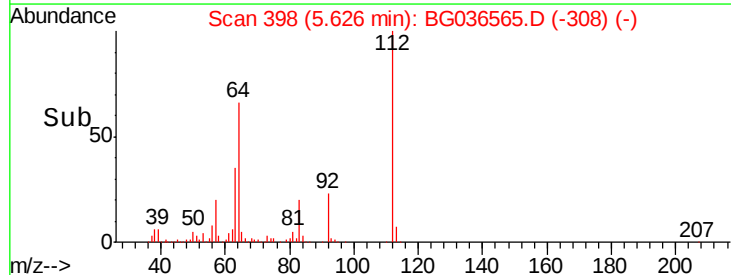


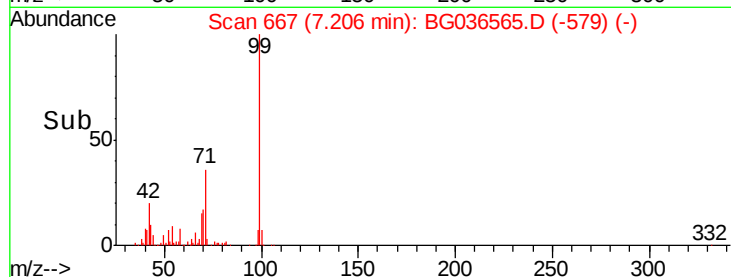
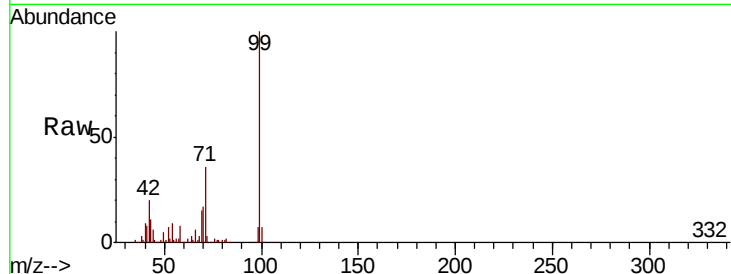
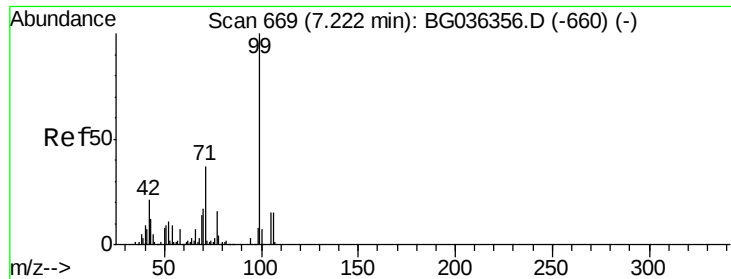
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

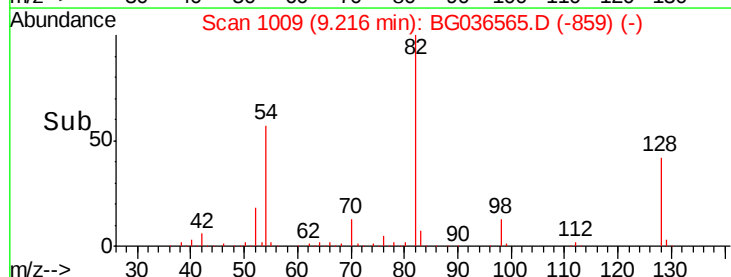
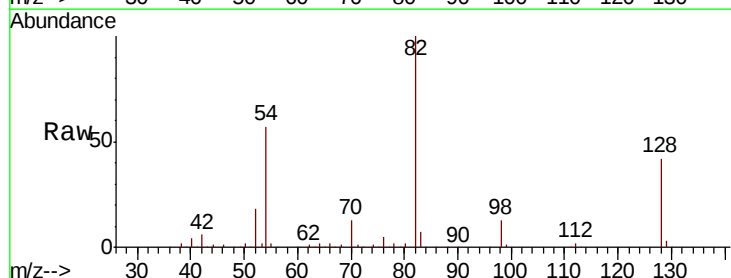
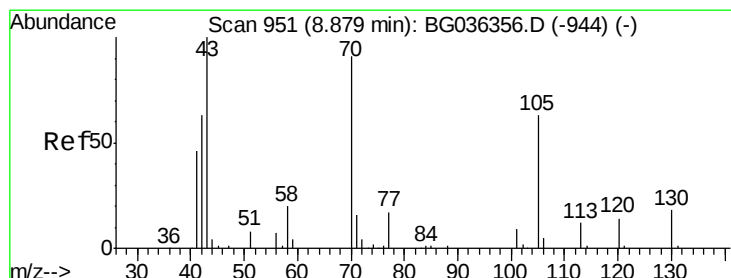
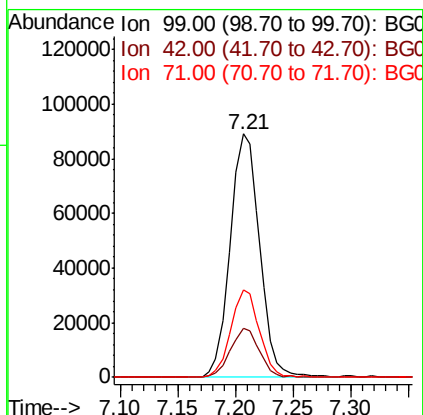
Ion 63.00 (62.70 to 63.70): BG





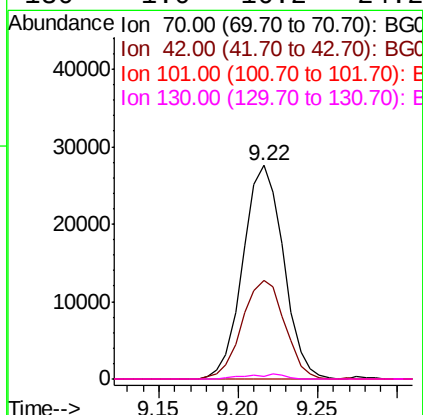
#7
Phenol-d6
Concen: 31.483 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Tot Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.5	24.7
71	36.2	29.4	44.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.138 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.2	56.2	84.4#
101	0.0	7.8	11.6#
130	1.0	16.2	24.2#

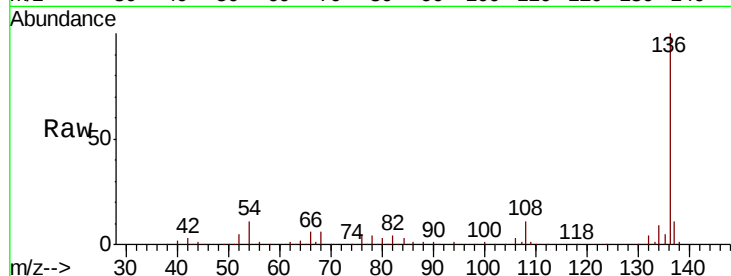




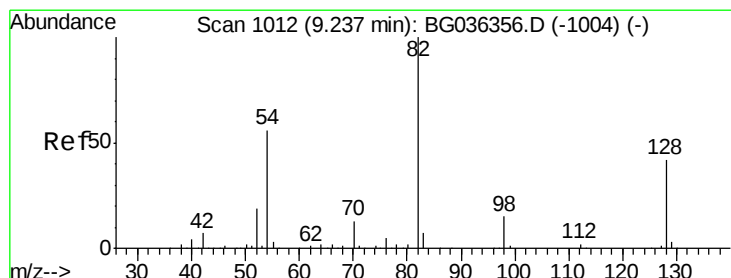
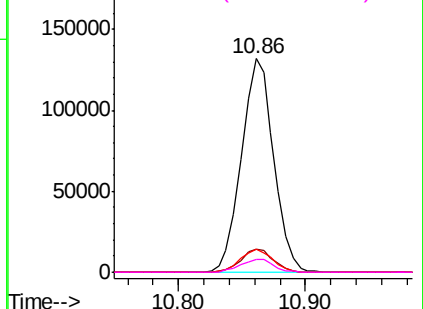
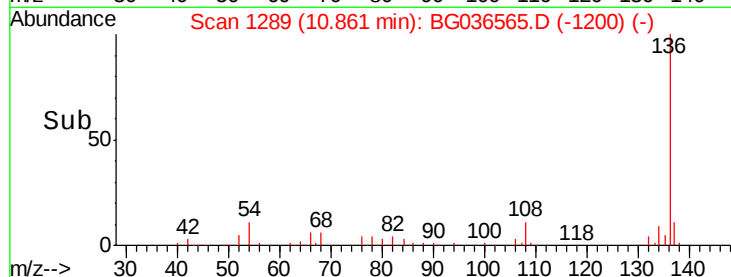
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	231827
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	10.8	9.2 13.8
68	5.8	5.8 8.6

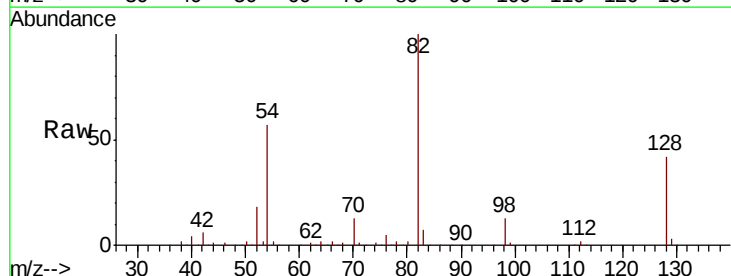


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

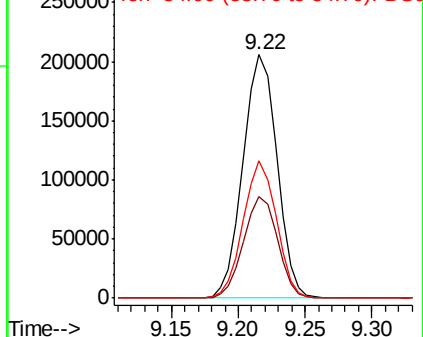
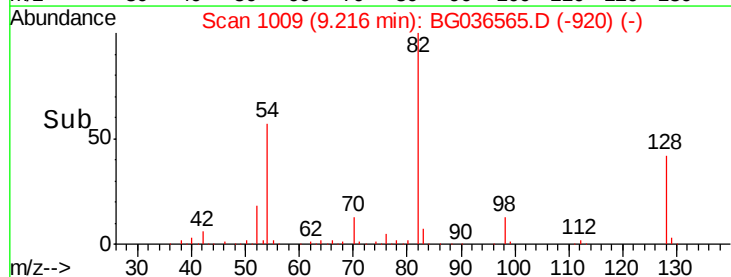


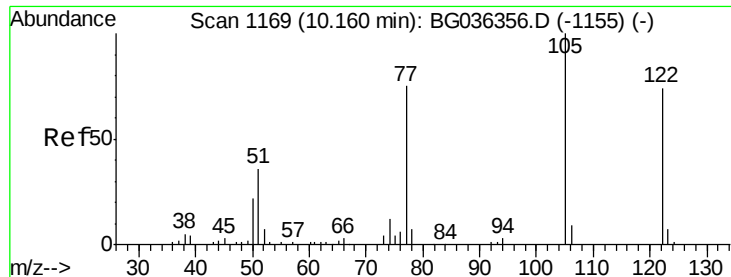
#23
Nitrobenzene-d5
Concen: 84.933 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Tgt Ion: 82	Resp:	362899
Ion	Ratio	Lower Upper
82	100	
128	41.9	33.3 49.9
54	56.6	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: 4.503 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BG036565.D

Acq: 5 Sep 2018 17:58

Instrument :

BNA_M

ClientSampleId :

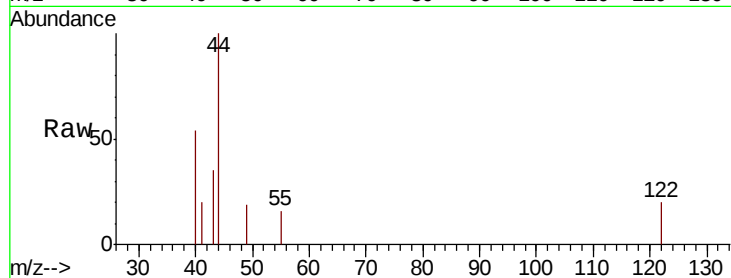
Tot Ion:122 Resp: 67

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

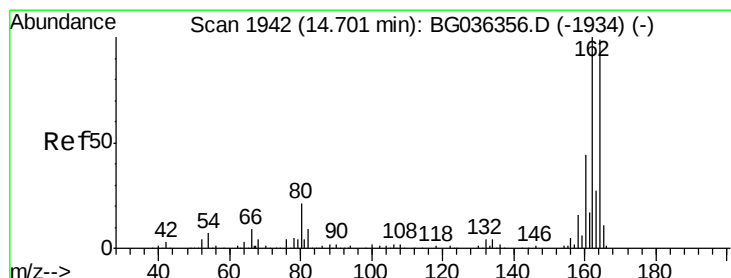
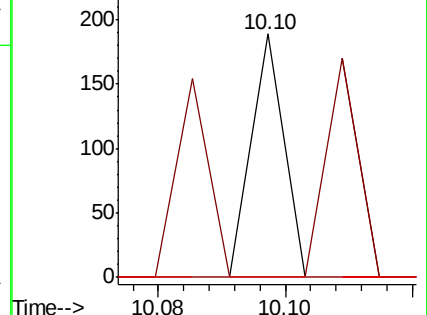
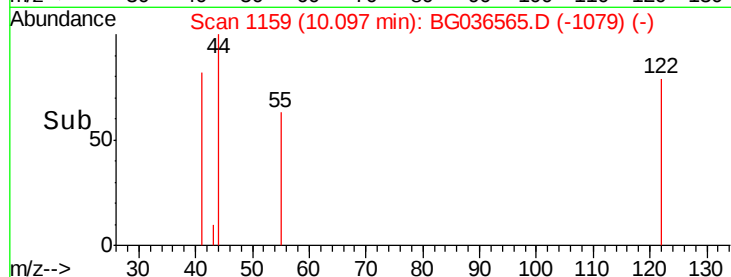
77 0.0 76.3 116.3#



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): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036565.D

Acq: 5 Sep 2018 17:58

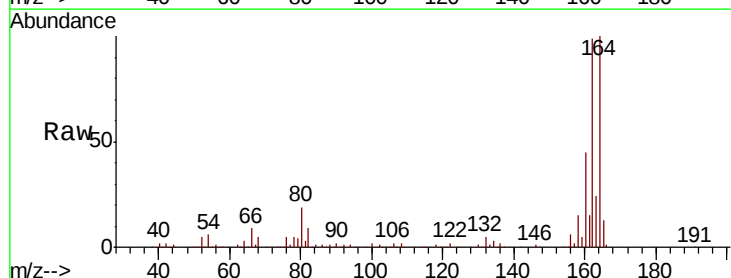
Tgt Ion:164 Resp: 160899

Ion Ratio Lower Upper

164 100

162 98.6 80.7 121.1

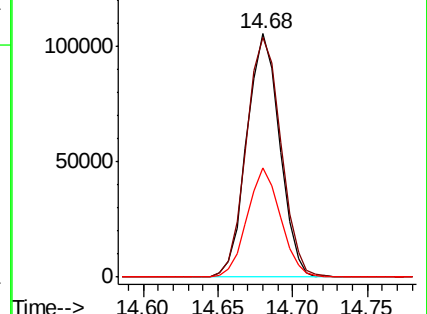
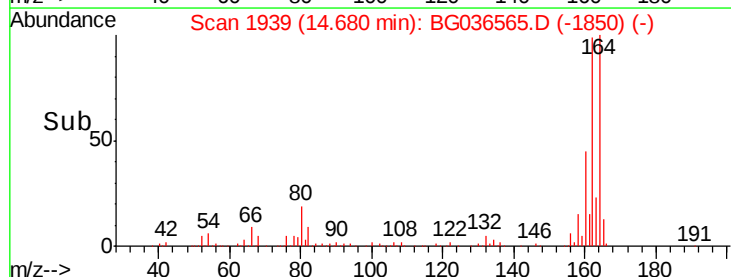
160 45.0 35.3 52.9

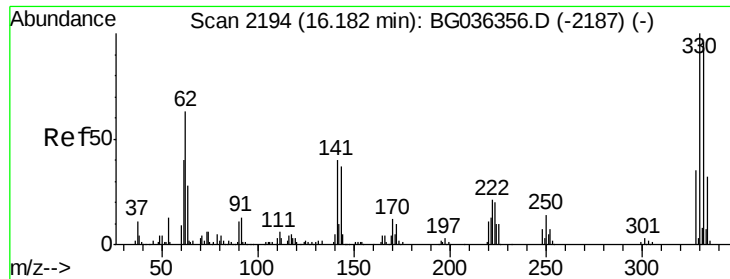


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

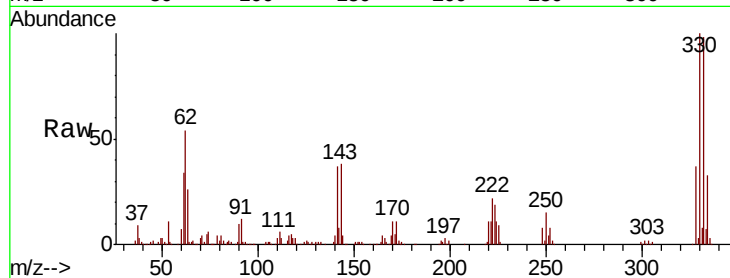




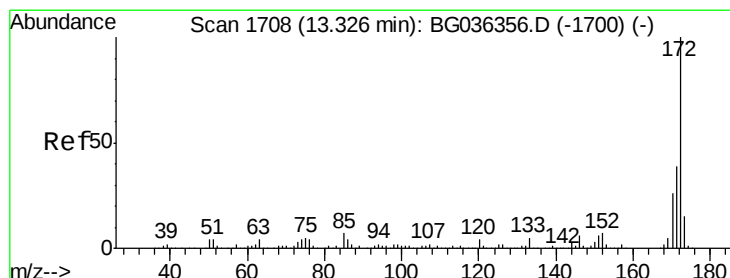
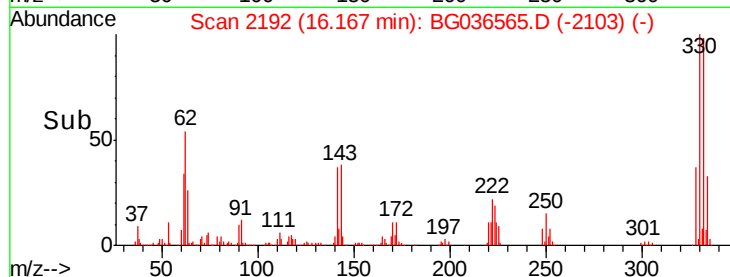
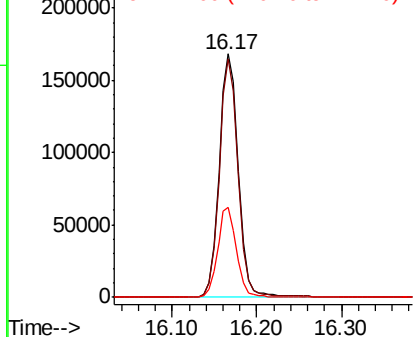
#41
 2,4,6-Tribromophenol
 Concen: 138.478 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036565.D
 Acq: 5 Sep 2018 17:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 265862
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.2
 141 36.3 30.7 46.1

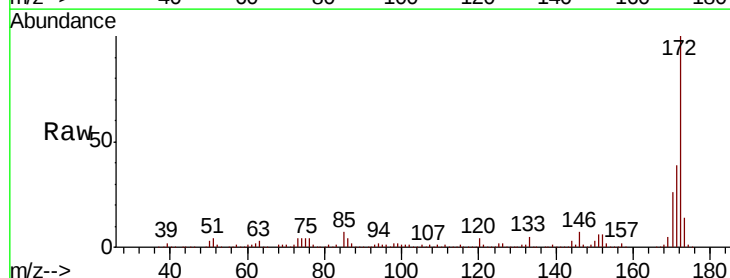


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

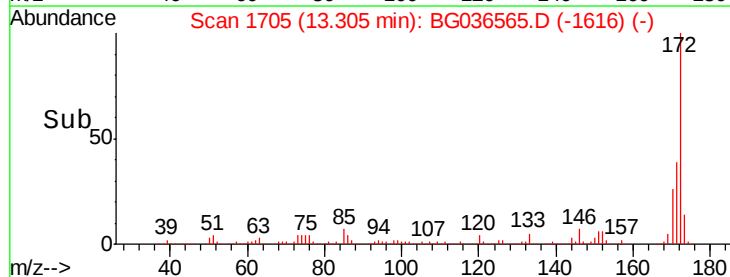
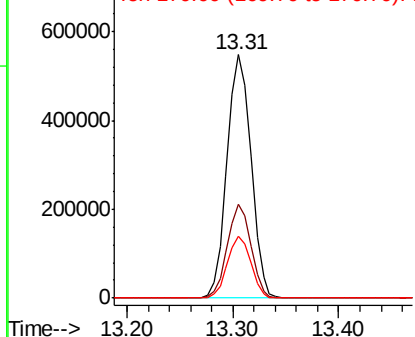


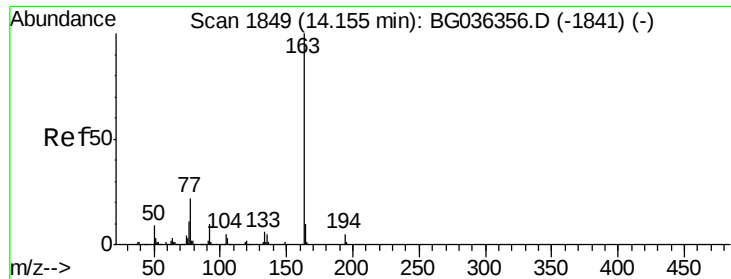
#44
 2-Fluorobiphenyl
 Concen: 76.577 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036565.D
 Acq: 5 Sep 2018 17:58

Tgt Ion:172 Resp: 862940
 Ion Ratio Lower Upper
 172 100
 171 38.8 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: 12.458 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036565.D

Acq: 5 Sep 2018 17:58

Instrument :

BNA_M

ClientSampled :

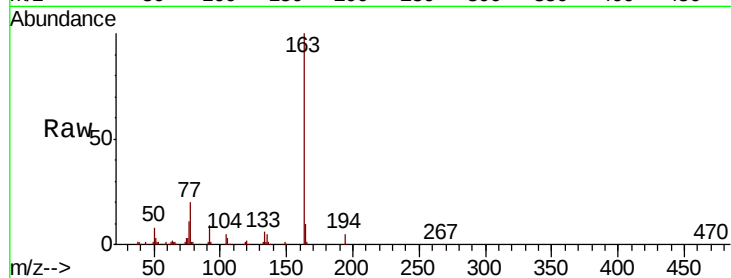
Tot Ion:163 Resp: 163677

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

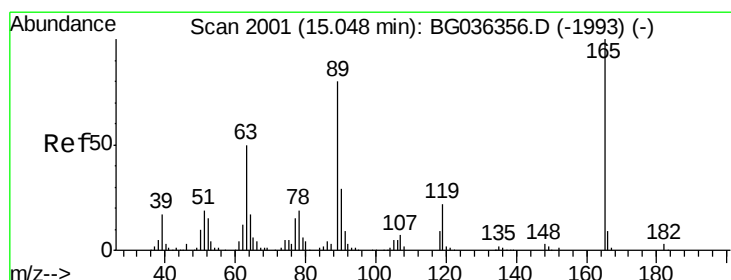
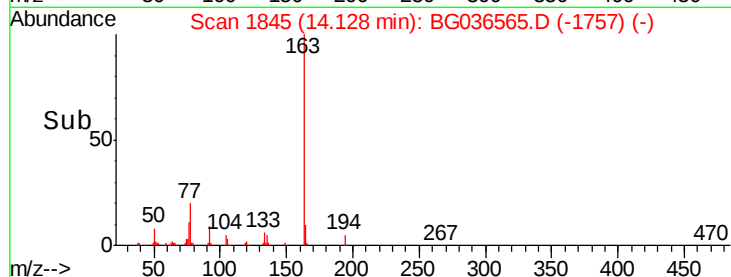
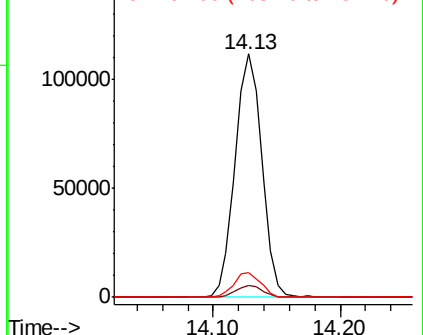
164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.844 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036565.D

Acq: 5 Sep 2018 17:58

Tgt Ion:165 Resp: 20590

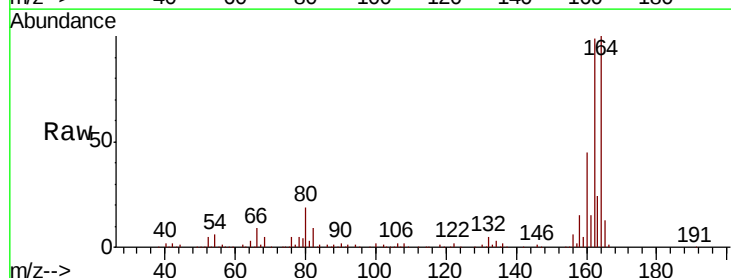
Ion Ratio Lower Upper

165 100

63 1.3 40.1 60.1#

89 1.7 63.7 95.5#

182 0.0 2.5 3.7#

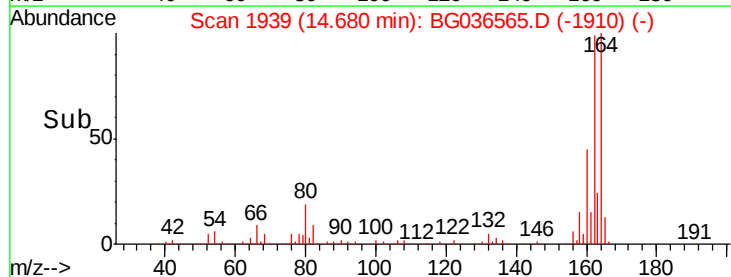
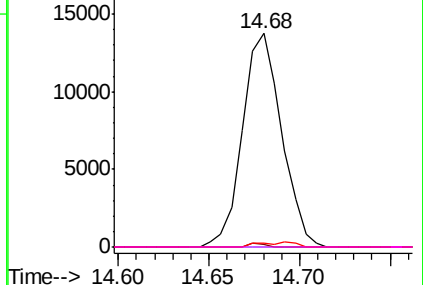


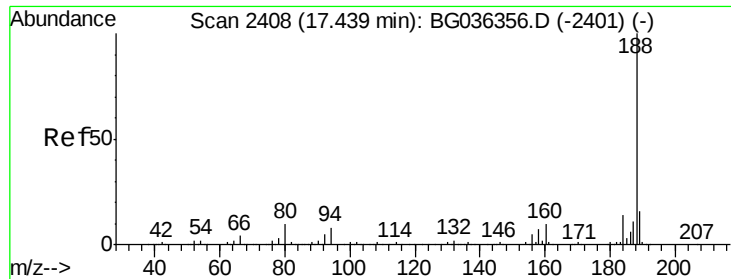
Abundance Ion 165.00 (164.70 to 165.70): E

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

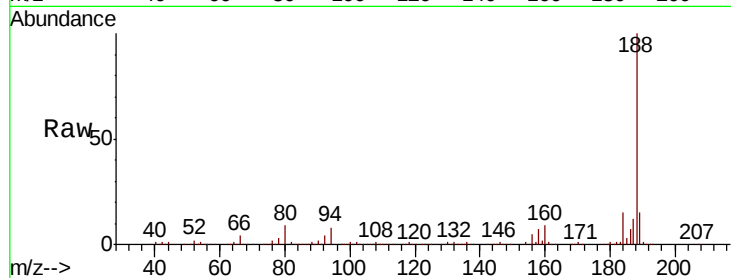




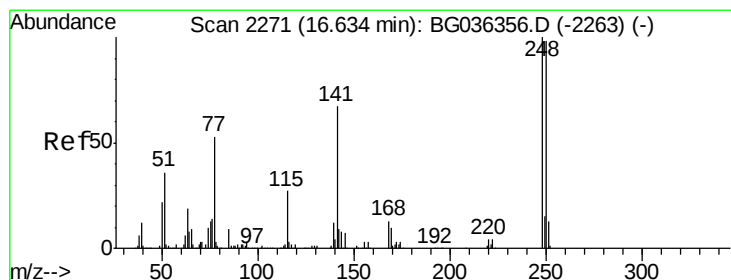
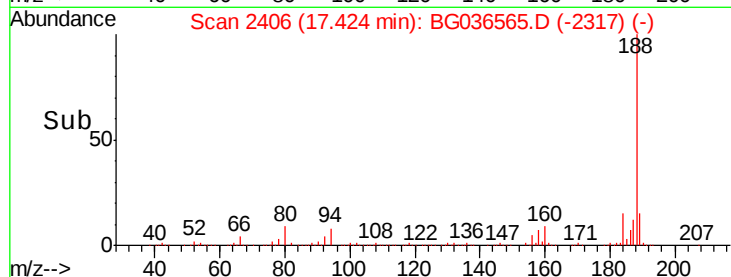
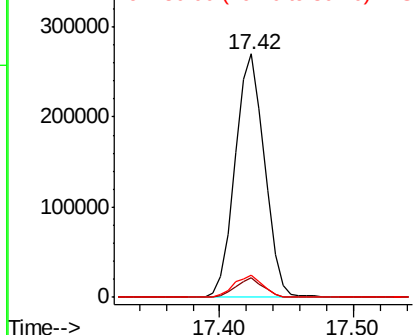
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 412619
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.0 8.1 12.1

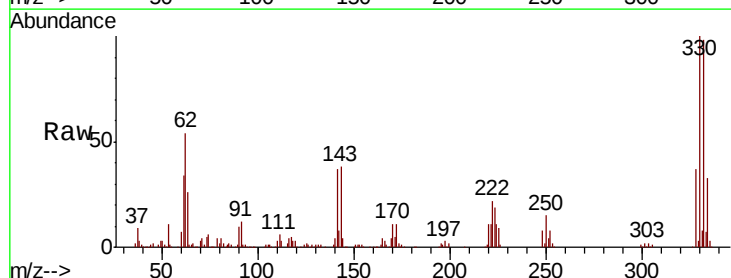


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

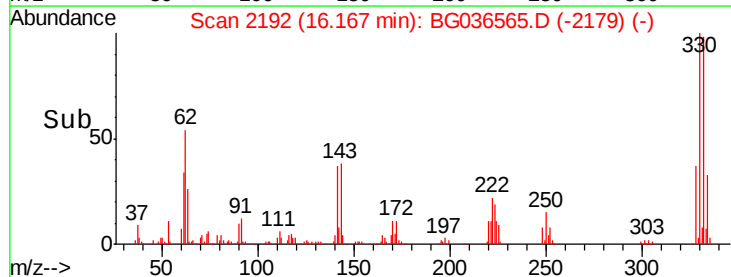
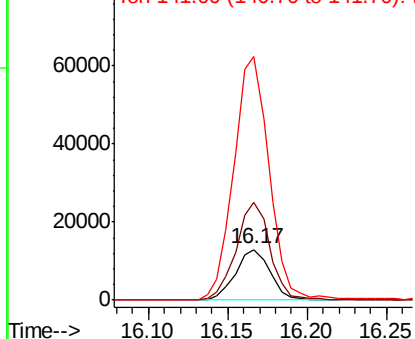


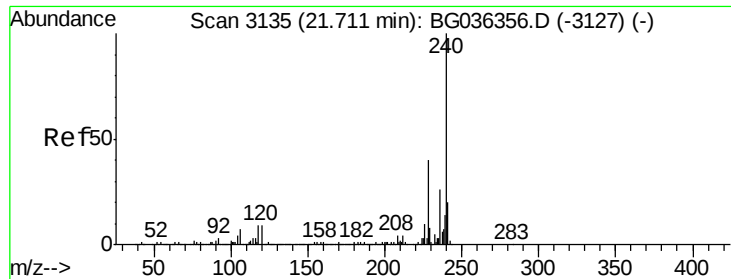
#66
4-Bromophenyl-phenylether
Concen: 4.069 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Tgt Ion:248 Resp: 19658
Ion Ratio Lower Upper
248 100
250 193.0 78.1 117.1#
141 483.0 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. -0.01 min

Lab File: BG036565.D

Acq: 5 Sep 2018 17:58

Instrument :

BNA_M

ClientSampleId :

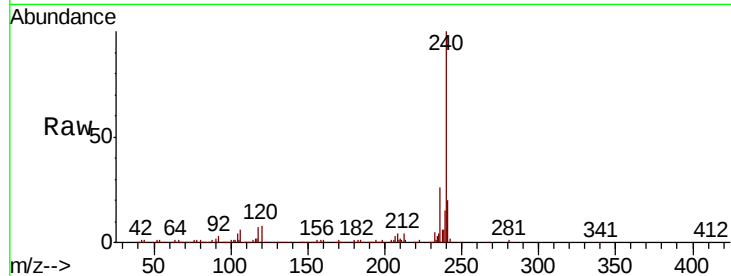
Tot Ion:240 Resp: 427378

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

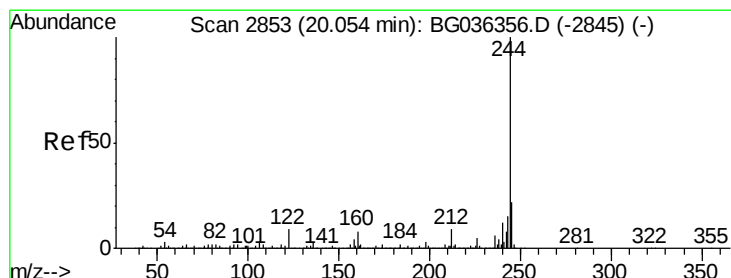
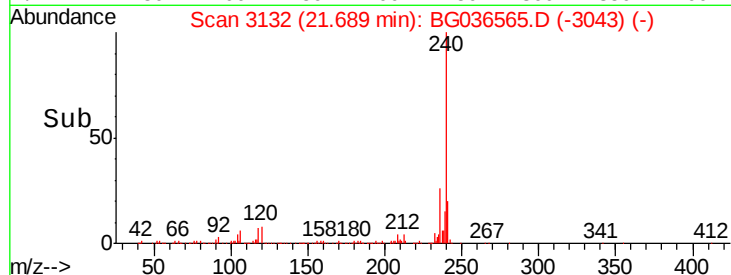
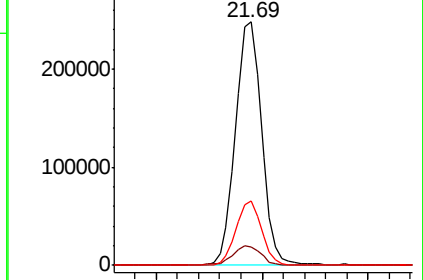
236 26.3 21.2 31.8



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: 81.484 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036565.D

Acq: 5 Sep 2018 17:58

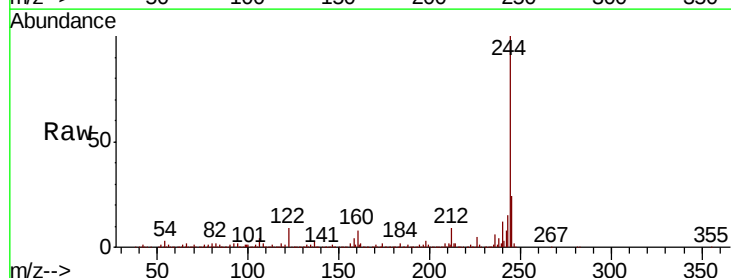
Tgt Ion:244 Resp: 1489918

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

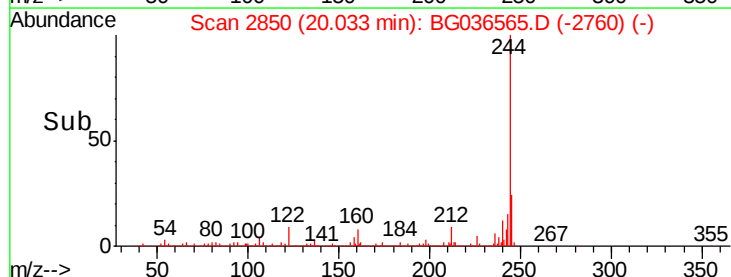
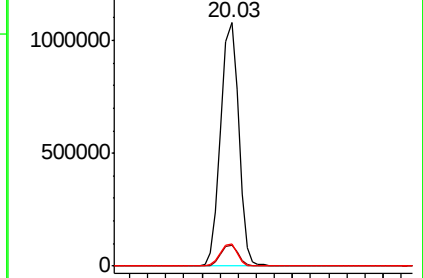
122 8.9 7.1 10.7

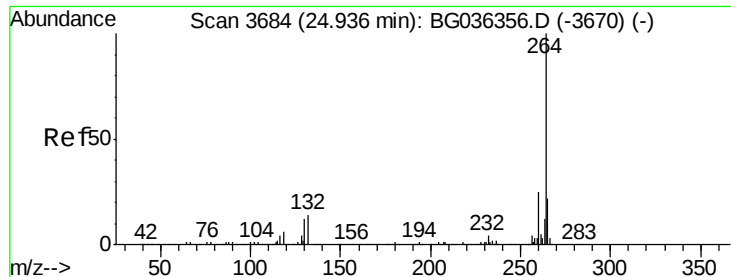


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

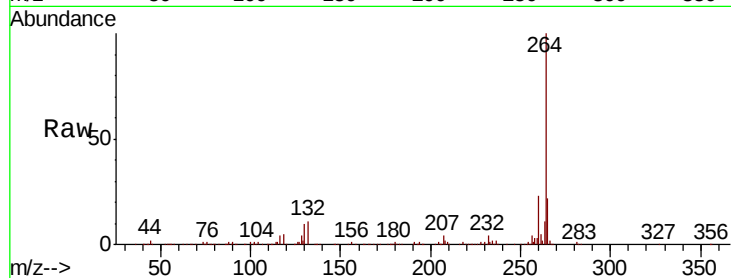




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036565.D
Acq: 5 Sep 2018 17:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.7	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

