

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
 Data File : BG036564.D
 Acq On : 5 Sep 2018 17:19
 Operator : JU/SJ
 Sample : J4741-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 05 18:59:10 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

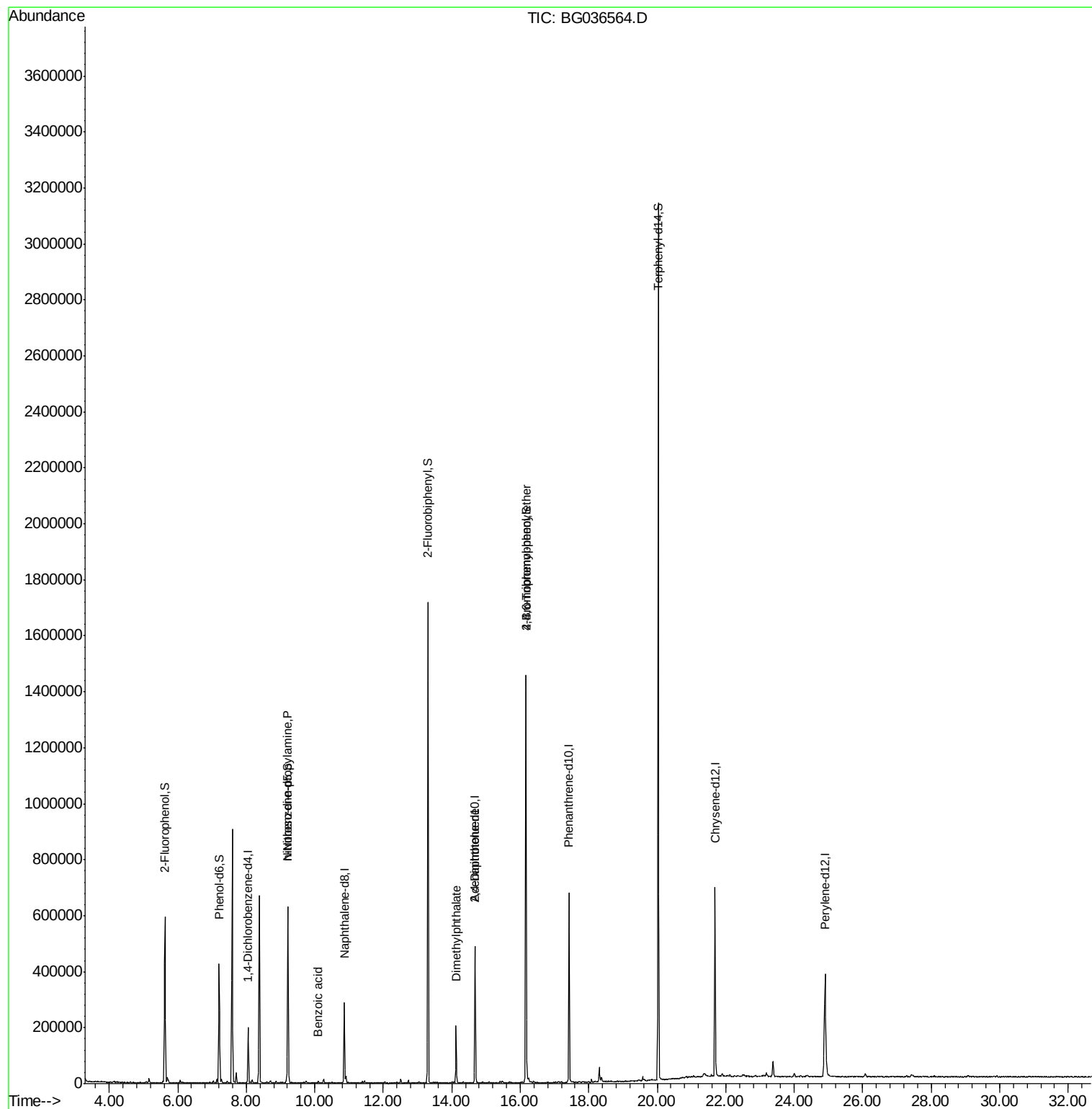
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55964	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	243137	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	165231	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	424313	20.00	ng	0.00
75) Chrysene-d12	21.69	240	432198	20.00	ng	0.00
86) Perylene-d12	24.89	264	418093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	262891	74.52	ng	0.00
7) Phenol-d6	7.21	99	238956	47.31	ng	-0.01
23) Nitrobenzene-d5	9.22	82	380520	84.91	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	280867	142.46	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	904138	78.13	ng	0.00
78) Terphenyl-d14	20.03	244	1521811	82.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49581	13.134	ng	# 69
32) Benzoic acid	10.10	122	140	4.527	ng	# 71
49) Dimethylphthalate	14.13	163	132961	9.855	ng	99
56) 2,4-Dinitrotoluene	14.68	165	21646	5.982	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	19919	4.010	ng	# 1

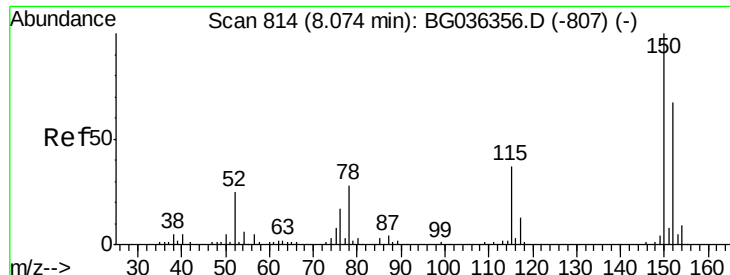
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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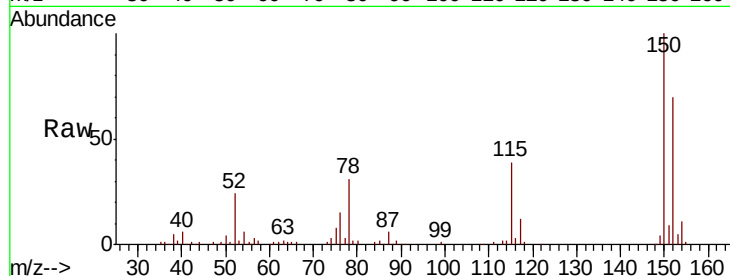




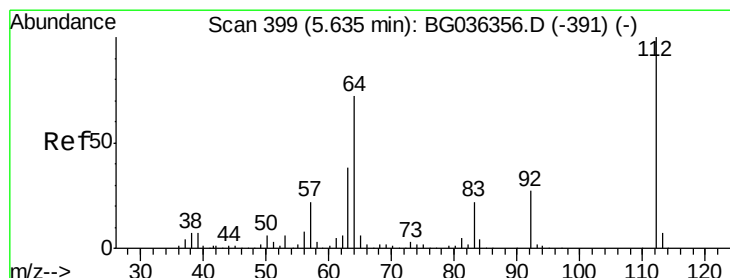
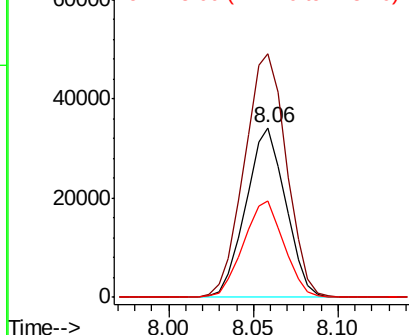
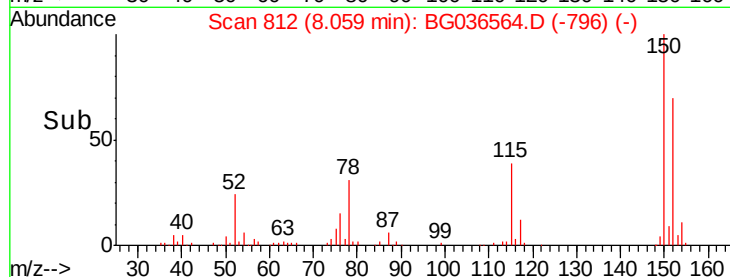
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 55964
 Ion Ratio Lower Upper
 152 100
 150 143.5 119.5 179.3
 115 56.7 44.5 66.7

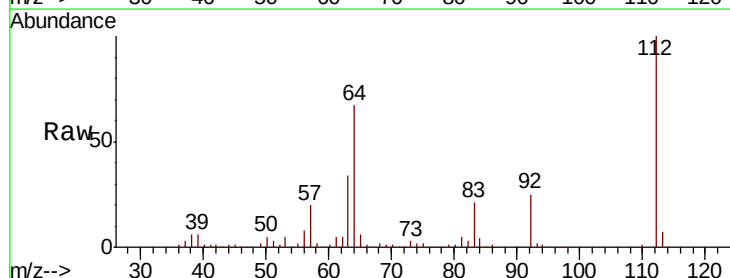


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

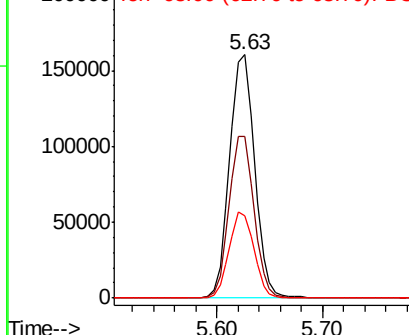
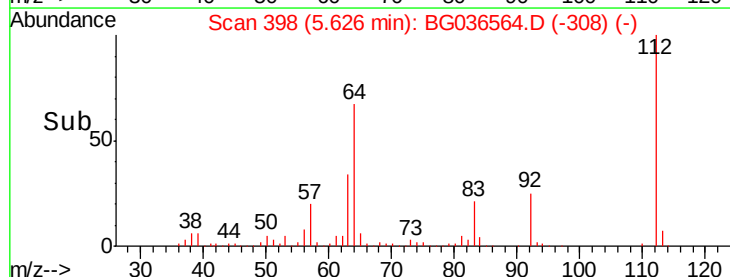


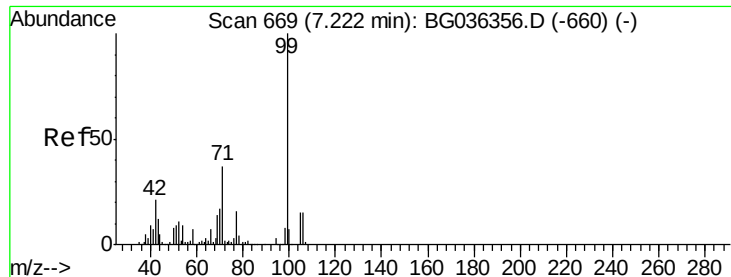
#5
 2-Fluorophenol
 Concen: 74.516 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Tgt Ion:112 Resp: 262891
 Ion Ratio Lower Upper
 112 100
 64 66.5 57.2 85.8
 63 34.0 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: 47.307 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

Instrument :

BNA_M

ClientSampleId :

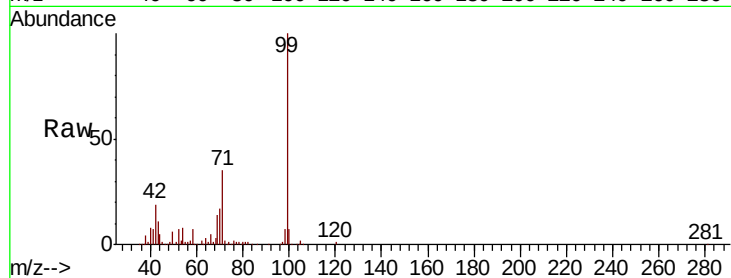
Tot Ion: 99 Resp: 238956

Ion Ratio Lower Upper

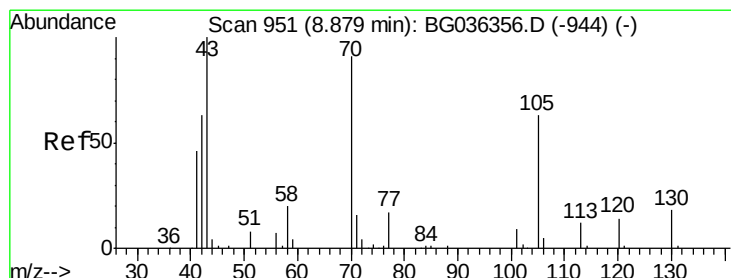
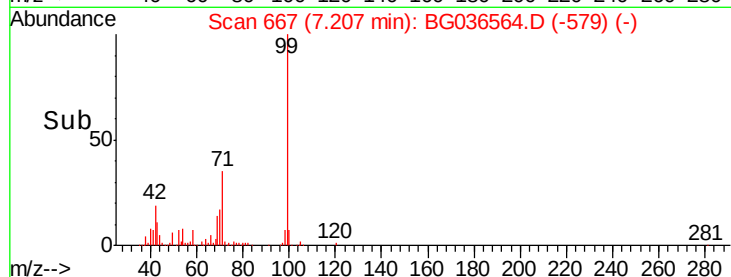
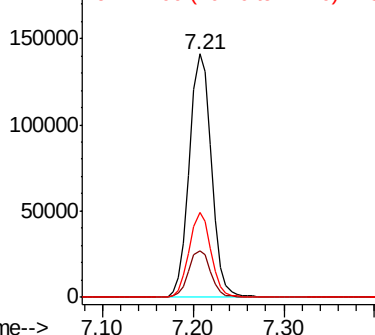
99 100

42 19.3 16.5 24.7

71 35.0 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: 13.134 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

Tgt Ion: 70 Resp: 49581

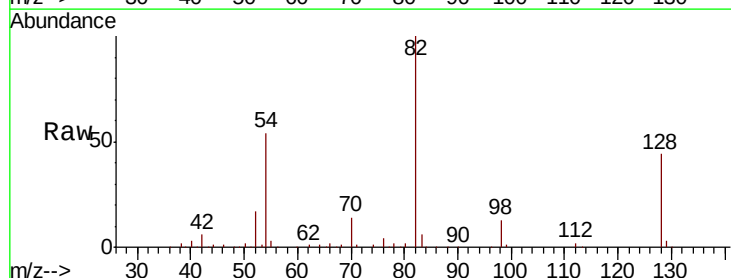
Ion Ratio Lower Upper

70 100

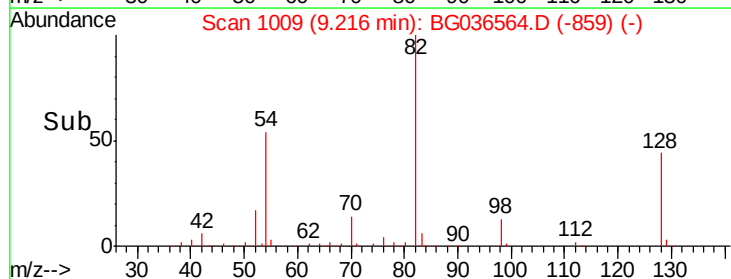
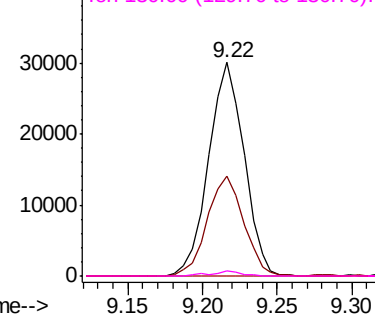
42 46.6 56.2 84.4#

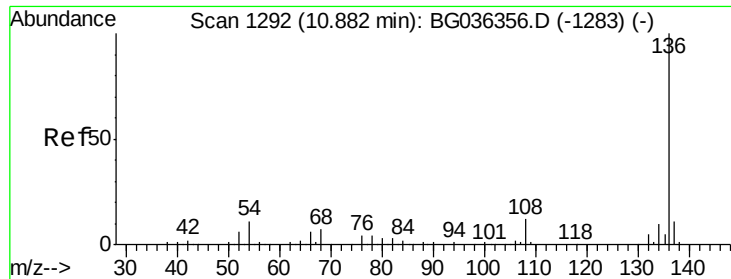
101 0.0 7.8 11.6#

130 2.2 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

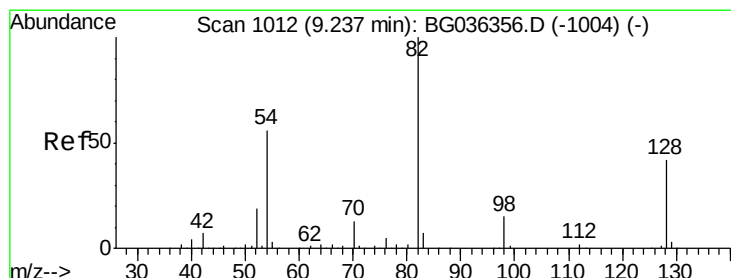
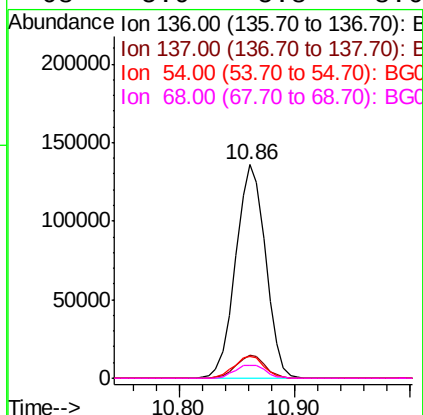
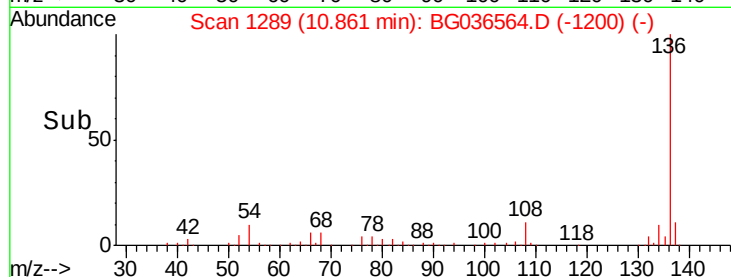
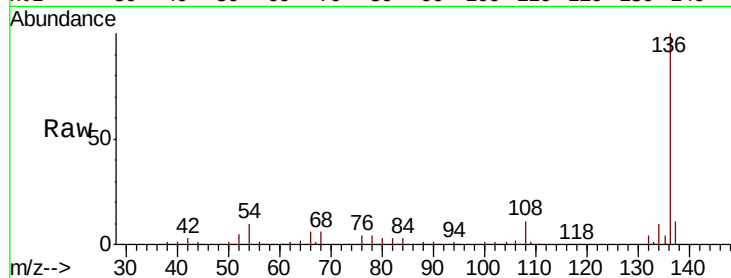




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036564.D
Acq: 5 Sep 2018 17:19

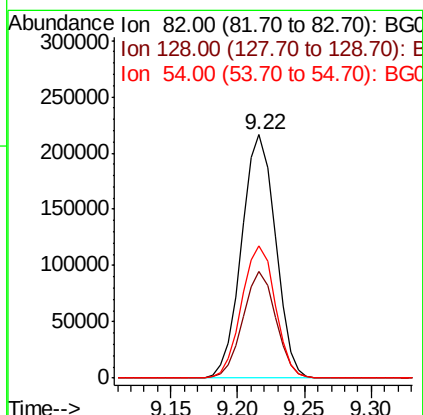
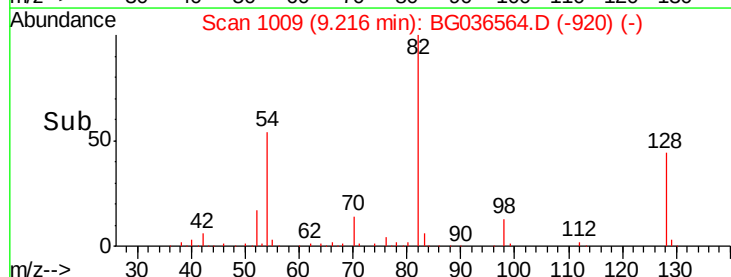
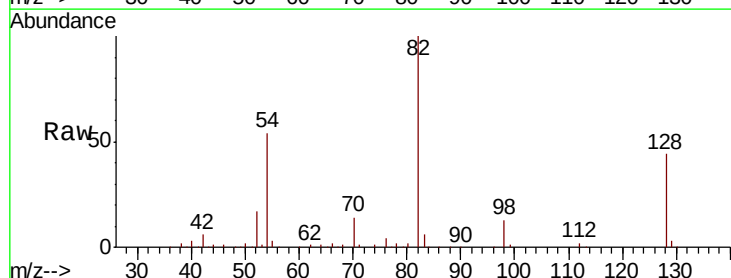
Instrument :
BNA_M
ClientSampleId :

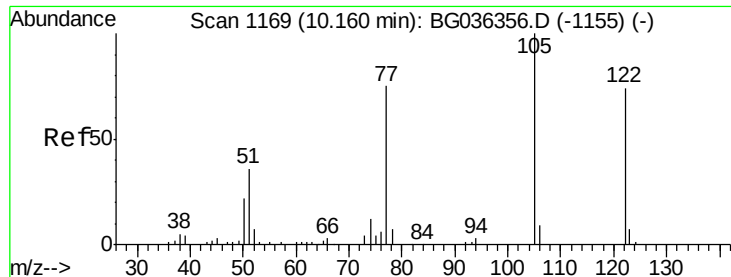
Tot Ion:136	Resp:	243137
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	10.1	9.2 13.8
68	5.9	5.8 8.6



#23
Nitrobenzene-d5
Concen: 84.914 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036564.D
Acq: 5 Sep 2018 17:19

Tgt Ion: 82	Resp:	380520
Ion	Ratio	Lower Upper
82	100	
128	43.6	33.3 49.9
54	54.3	45.1 67.7





#32

Benzoic acid

Concen: 4.527 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

Instrument :

BNA_M

ClientSampled :

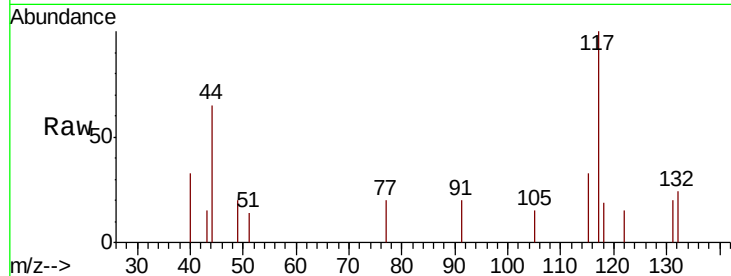
Tot Ion:122 Resp: 140

Ion Ratio Lower Upper

122 100

105 101.9 108.1 148.1#

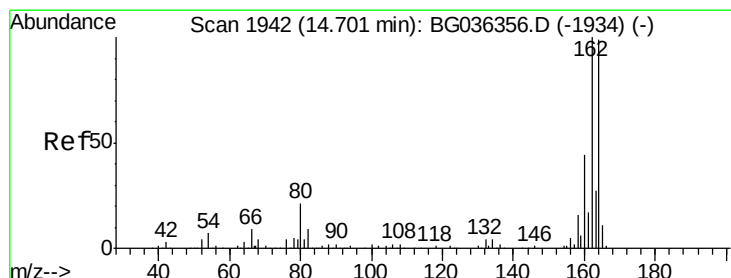
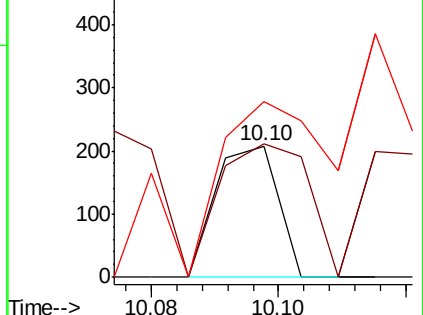
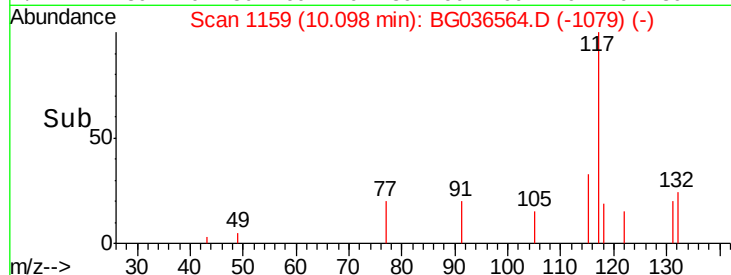
77 133.7 76.3 116.3#



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): BG



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

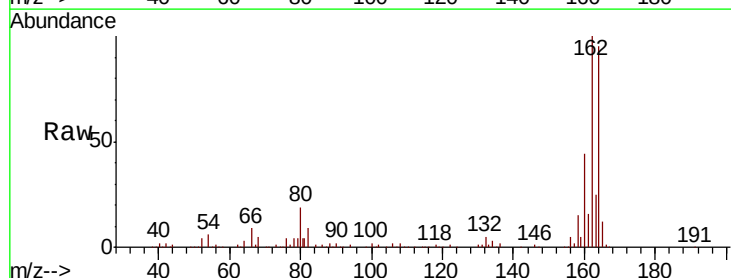
Tgt Ion:164 Resp: 165231

Ion Ratio Lower Upper

164 100

162 105.3 80.7 121.1

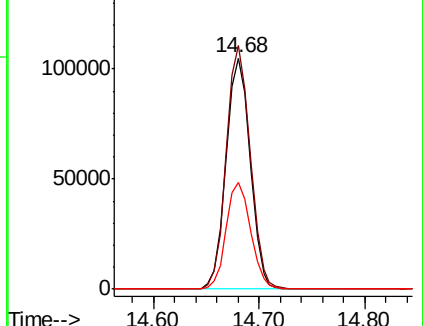
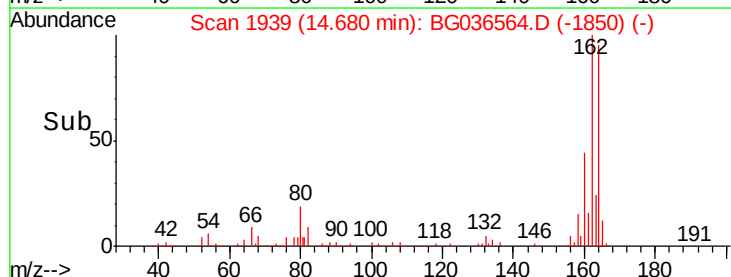
160 46.0 35.3 52.9

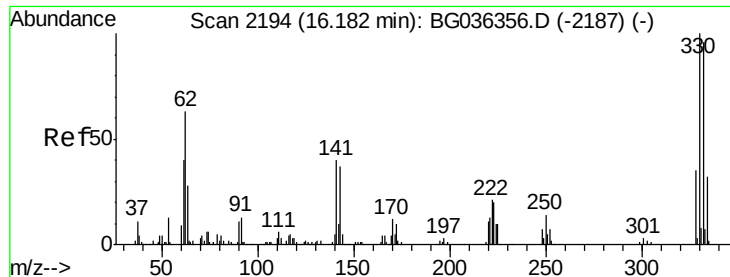


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

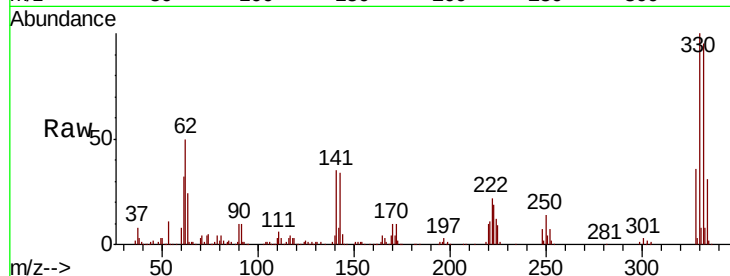




#41
 2,4,6-Tribromophenol
 Concen: 142.458 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	36.0	30.7	46.1

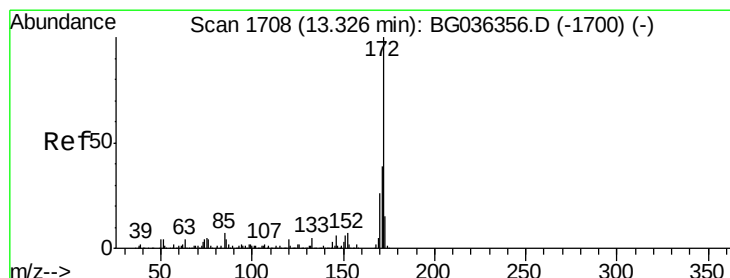
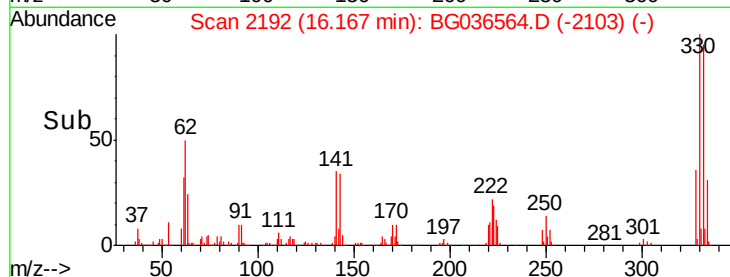
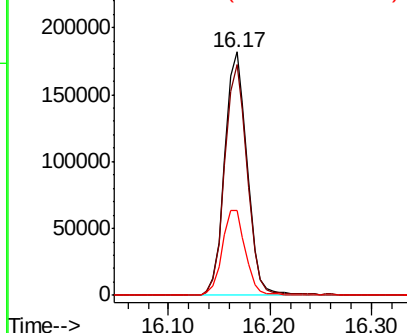


Abundance

Ion 329.80 (329.50 to 330.50): E

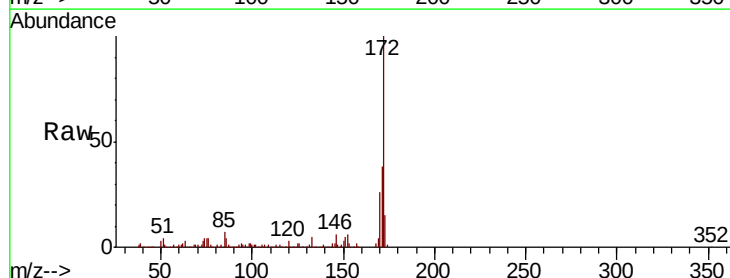
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.130 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	26.0	21.0	31.6

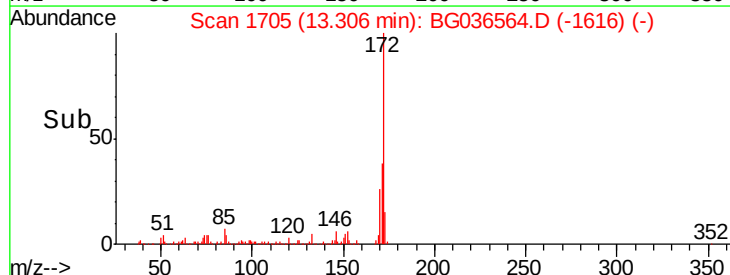
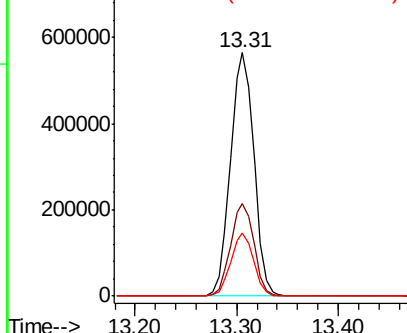


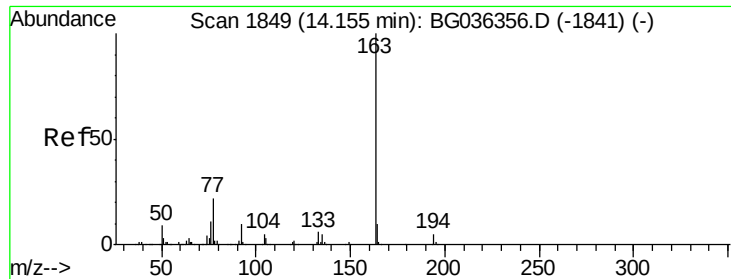
Abundance

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

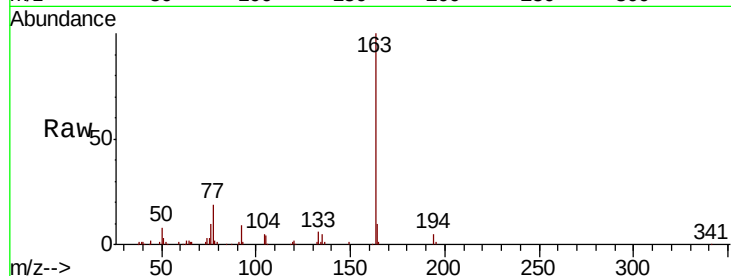




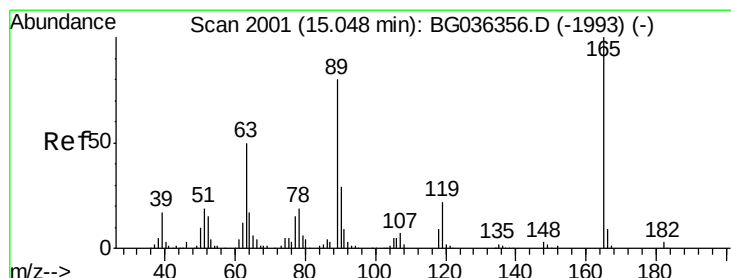
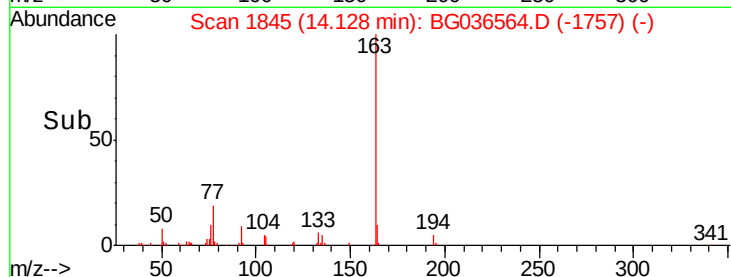
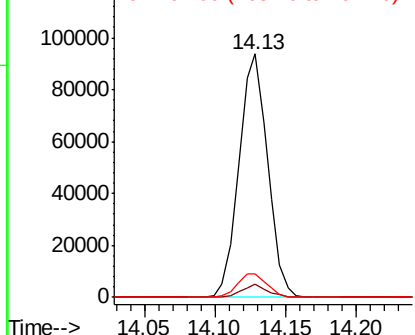
#49
Dimethylphthalate
Concen: 9.855 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036564.D
Acq: 5 Sep 2018 17:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.0	6.0
164	9.7	8.1	12.1

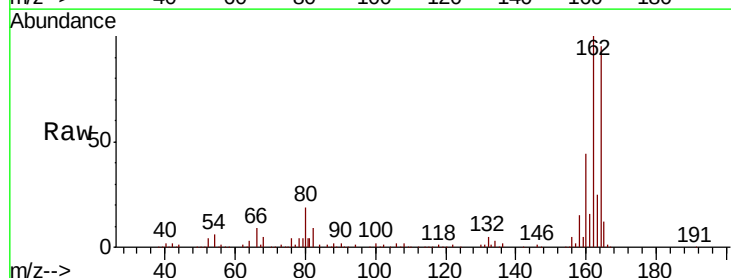


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

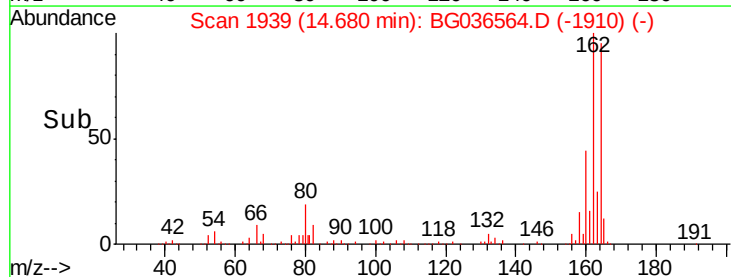
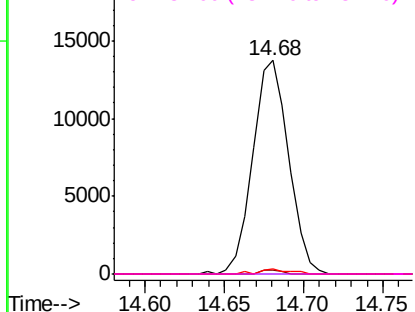


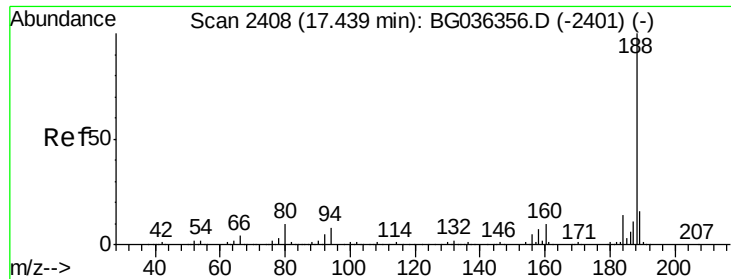
#56
2,4-Dinitrotoluene
Concen: 5.982 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG036564.D
Acq: 5 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	2.2	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

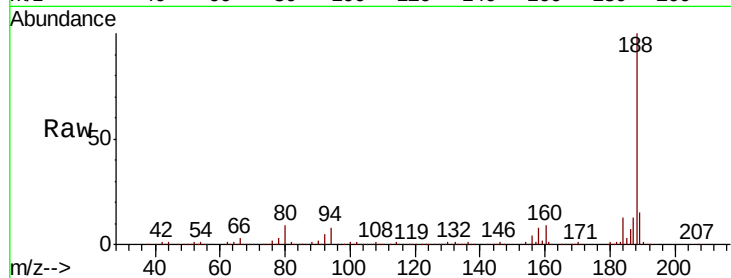




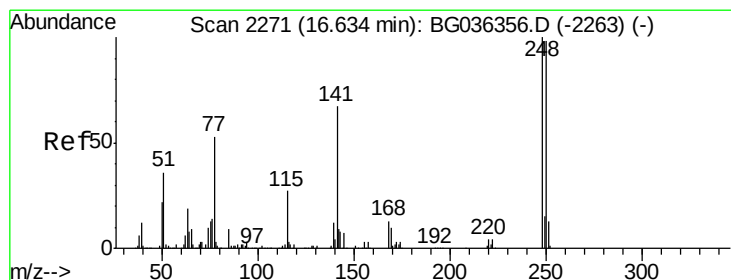
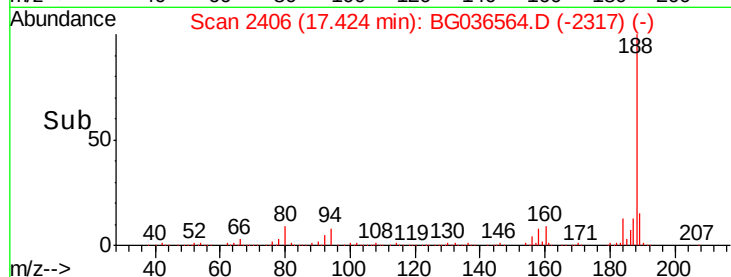
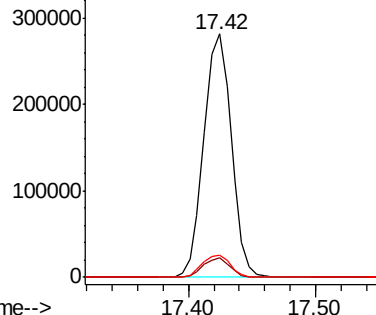
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:188 Resp: 424313
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 9.2 8.1 12.1

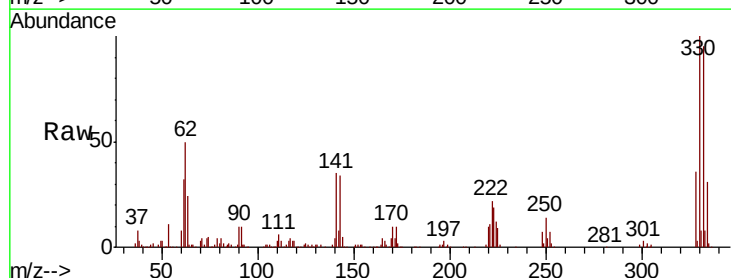


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

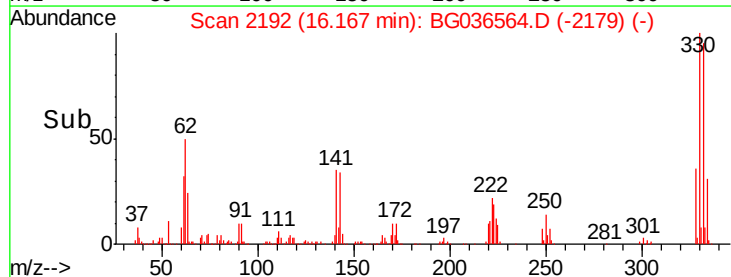
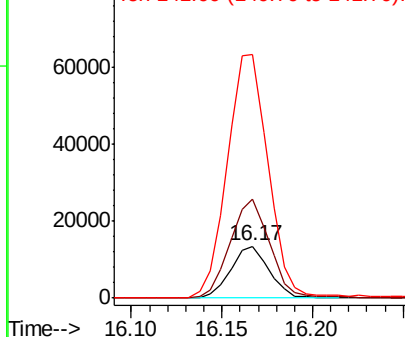


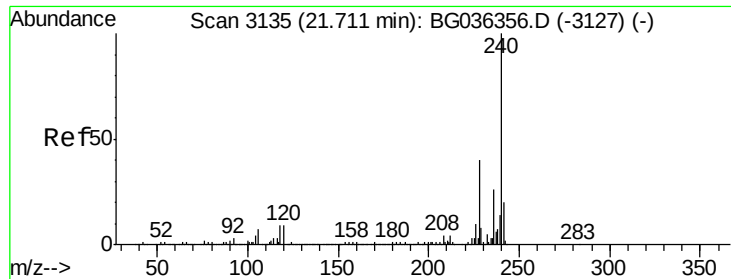
#66
 4-Bromophenyl-phenylether
 Concen: 4.010 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036564.D
 Acq: 5 Sep 2018 17:19

Tgt Ion:248 Resp: 19919
 Ion Ratio Lower Upper
 248 100
 250 189.8 78.1 117.1#
 141 466.7 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: BG036564.D

Acq: 5 Sep 2018 17:19

Instrument :

BNA_M

ClientSampleId :

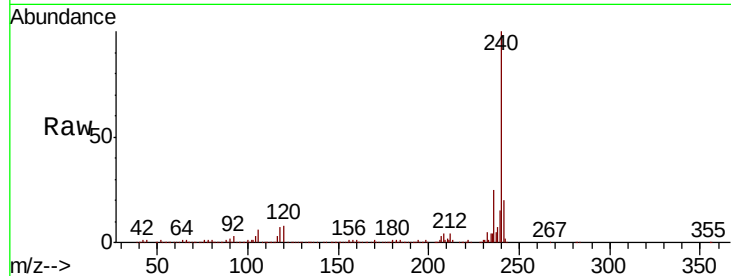
Tot Ion:240 Resp: 432198

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

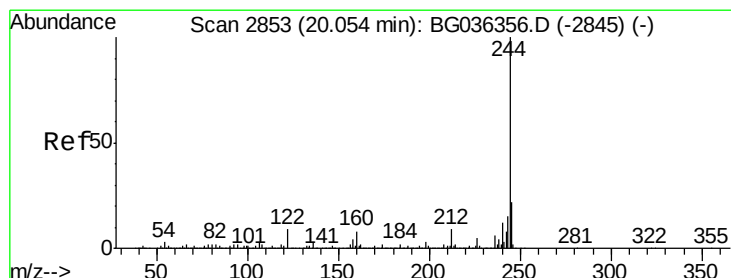
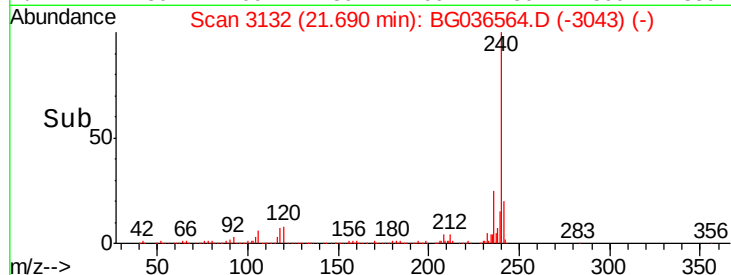
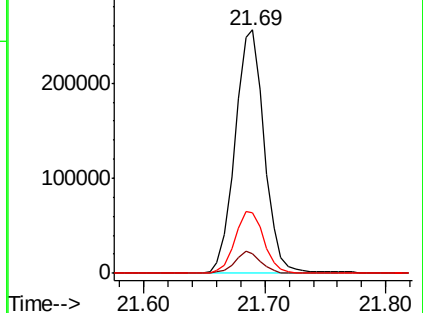
236 24.9 21.2 31.8



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: 82.300 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036564.D

Acq: 5 Sep 2018 17:19

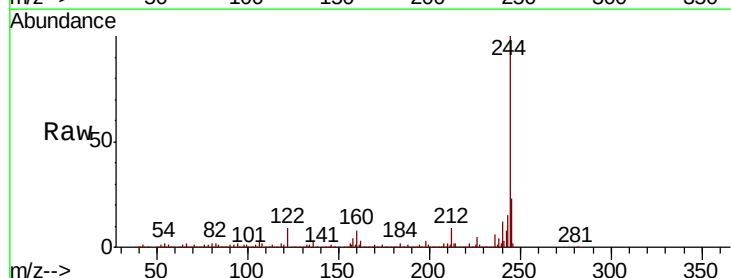
Tgt Ion:244 Resp: 1521811

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

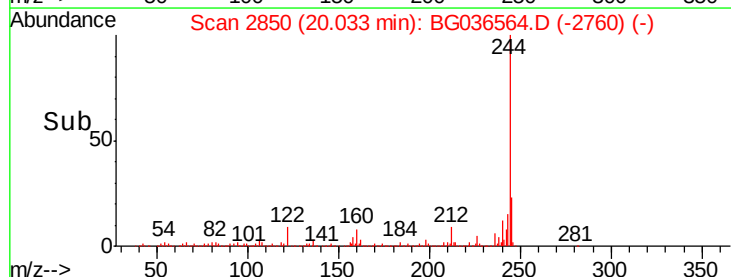
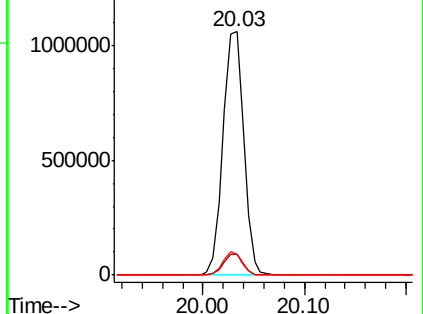
122 8.7 7.1 10.7

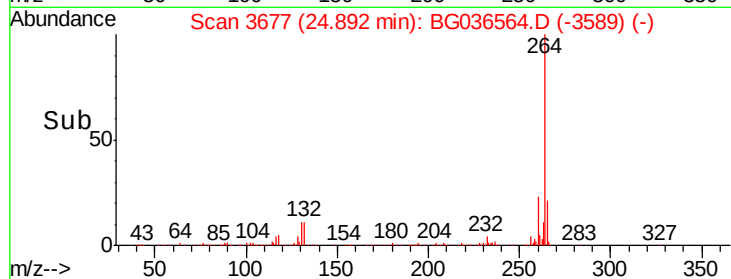
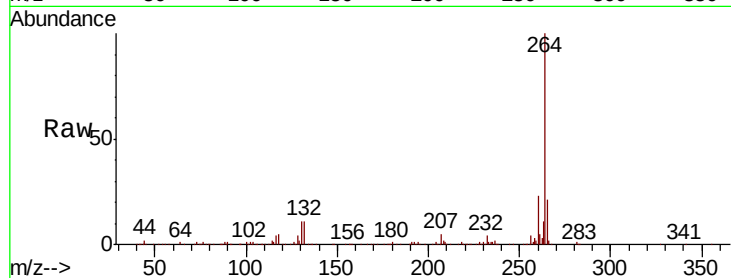
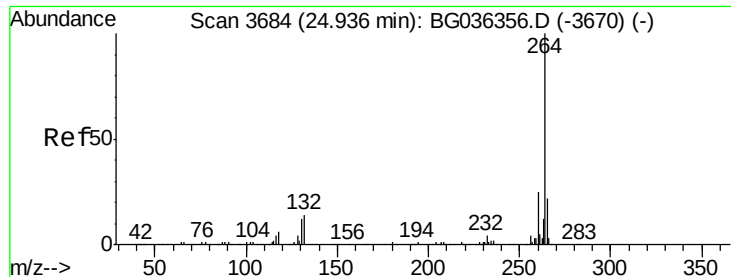


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036564.D
 Acq: 5 Sep 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	21.1	17.4	26.0

