

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036444.D
 Acq On : 28 Aug 2018 00:32
 Operator : JU/SJ
 Sample : J4270-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 03:30:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

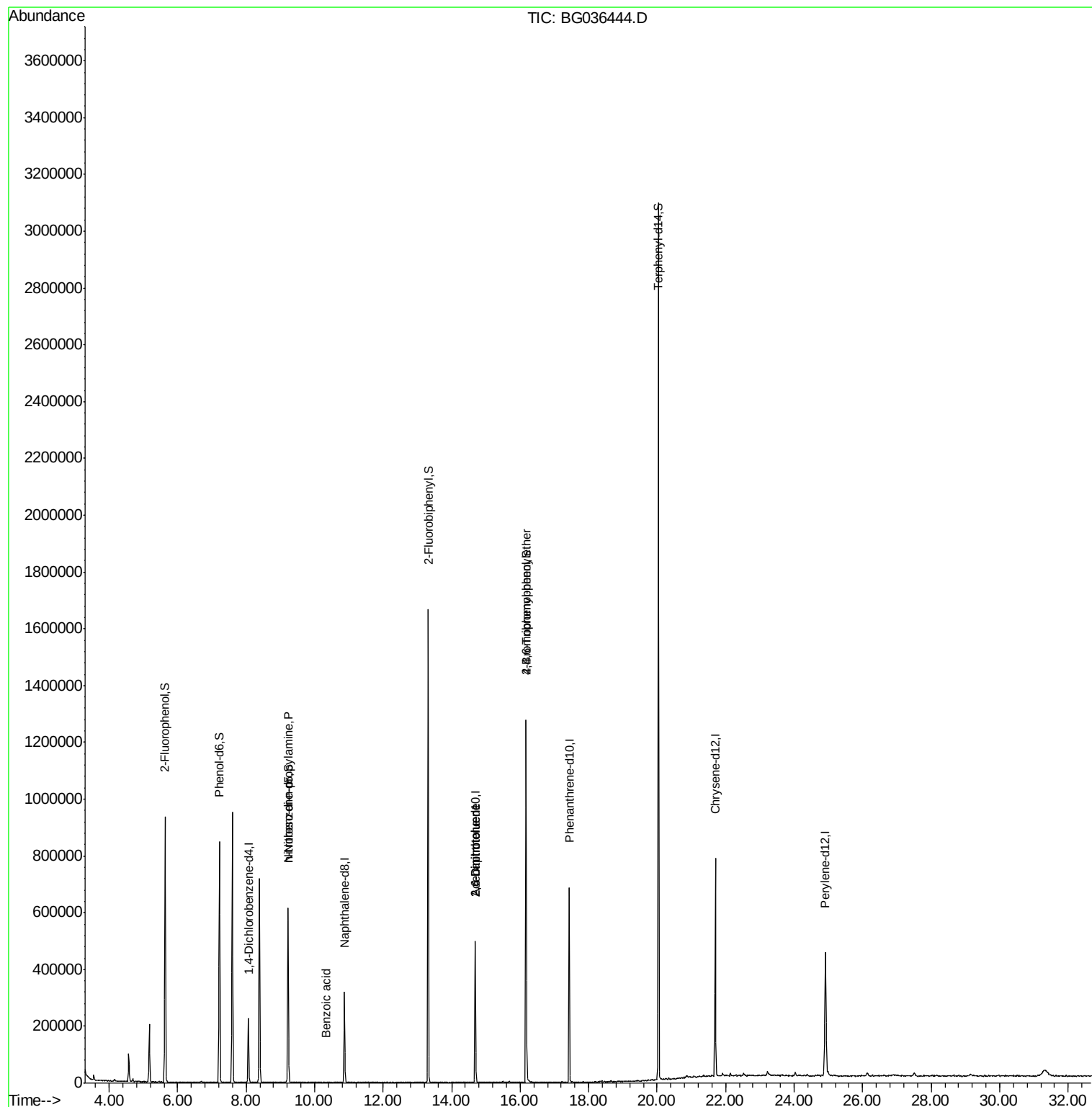
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63580	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	264581	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	170661	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	431542	20.00	ng	0.00
75) Chrysene-d12	21.70	240	463209	20.00	ng	-0.01
86) Perylene-d12	24.91	264	463412	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	389888	97.28	ng	0.00
7) Phenol-d6	7.22	99	491919	85.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	366419	75.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	237197	116.48	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	863048	72.21	ng	-0.01
78) Terphenyl-d14	20.04	244	1469799	74.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	49341	11.505	ng	# 71
32) Benzoic acid	10.33	122	56	4.497	ng	# 1
50) 2,6-Dinitrotoluene	14.69	165	22154	7.726	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	22154	5.928	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	16662	3.298	ng	# 1

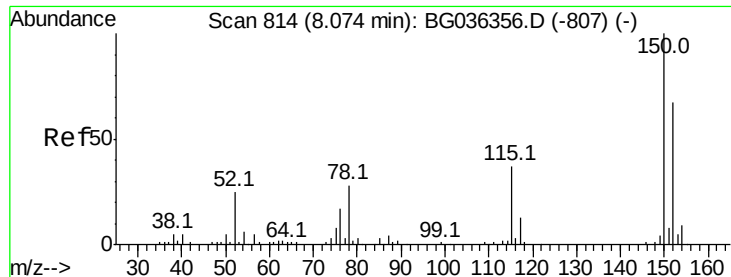
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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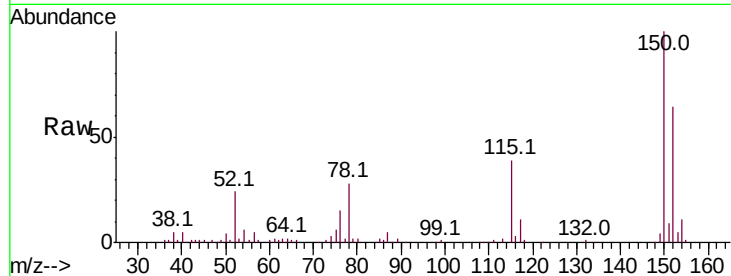


#1

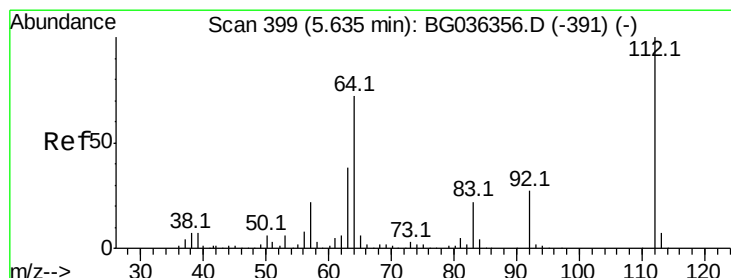
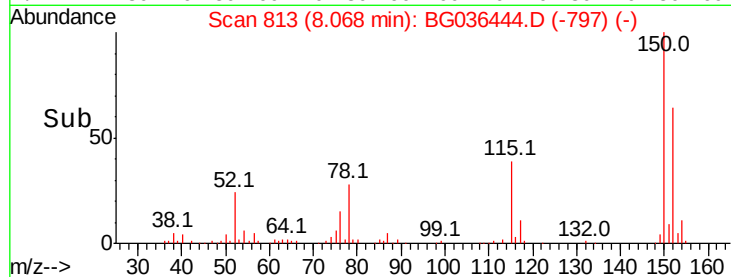
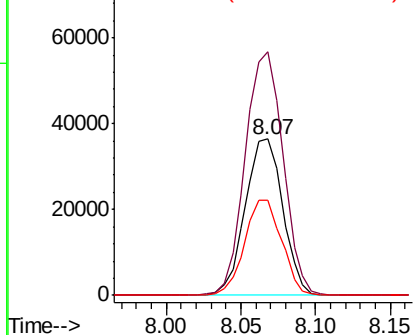
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63580
Ion Ratio Lower Upper
152 100
150 155.6 119.5 179.3
115 60.6 44.5 66.7



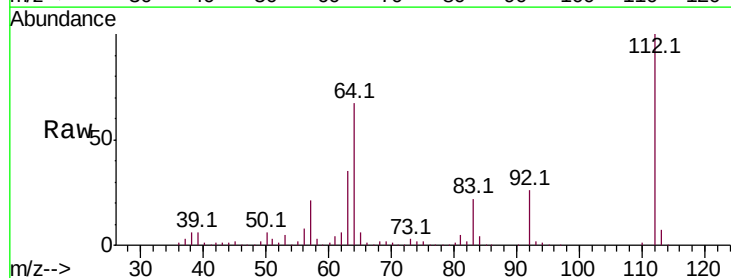
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



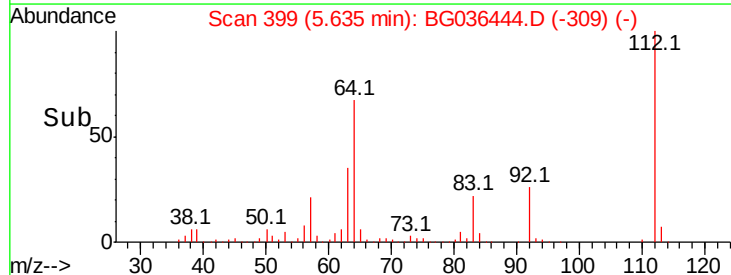
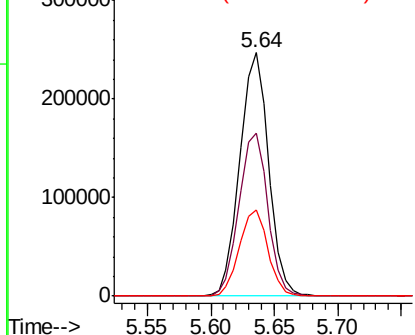
#5

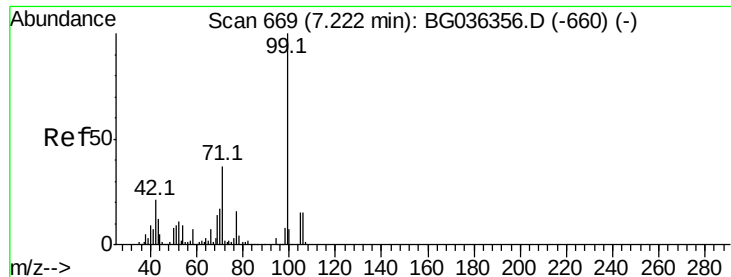
2-Fluorophenol
Concen: 97.275 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

Tgt Ion:112 Resp: 389888
Ion Ratio Lower Upper
112 100
64 67.0 57.2 85.8
63 35.5 30.8 46.2



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: 85.721 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Instrument :

BNA_G

ClientSampleId :

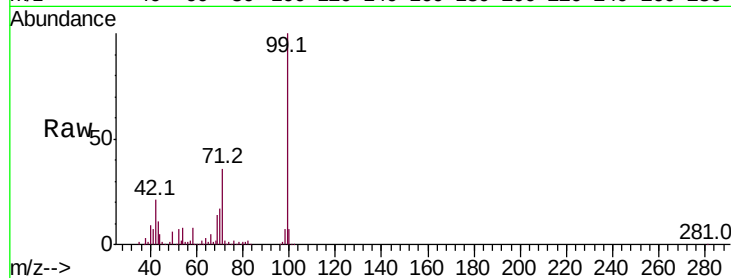
Tot Ion: 99 Resp: 491919

Ion Ratio Lower Upper

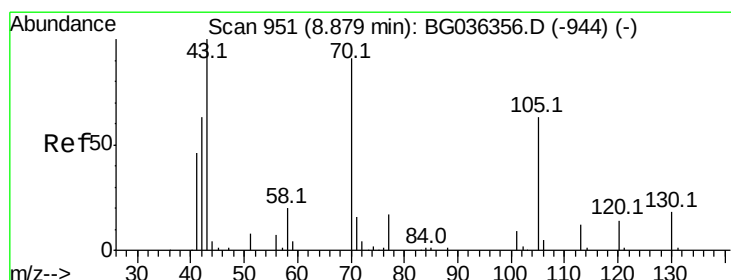
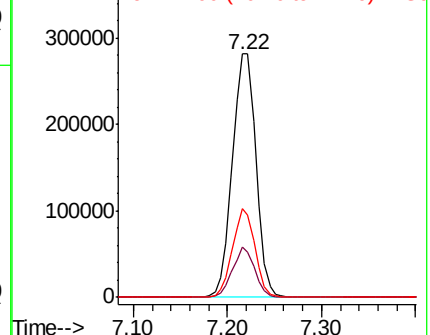
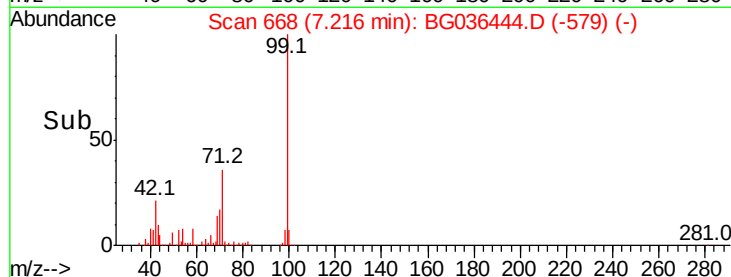
99 100

42 20.7 16.5 24.7

71 36.4 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: 11.505 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Tgt Ion: 70 Resp: 49341

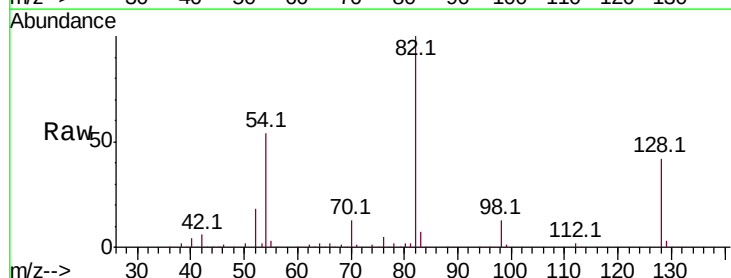
Ion Ratio Lower Upper

70 100

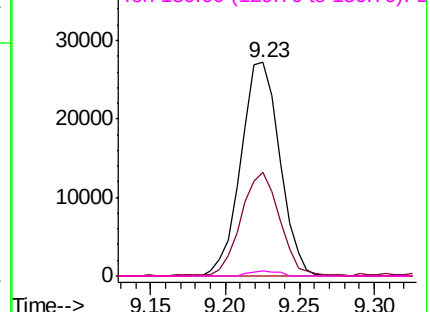
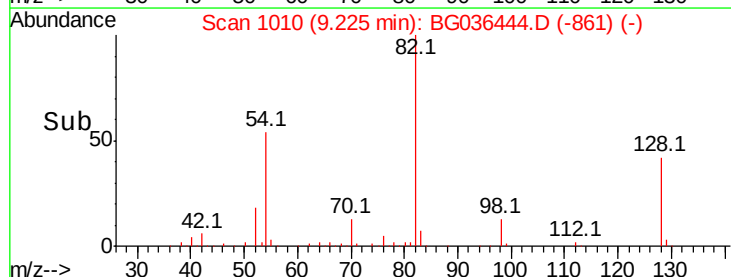
42 48.8 56.2 84.4#

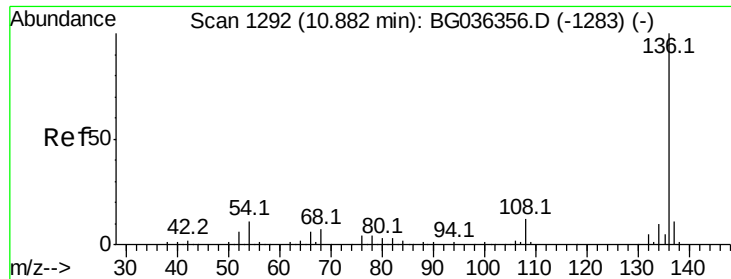
101 0.0 7.8 11.6#

130 2.4 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

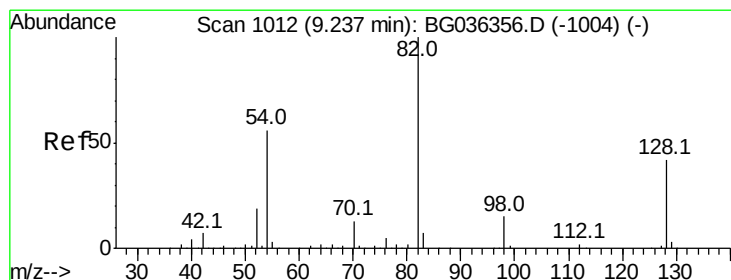
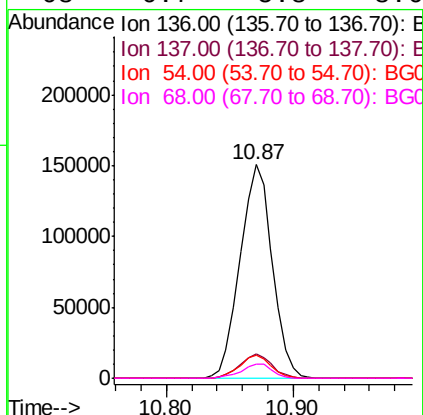
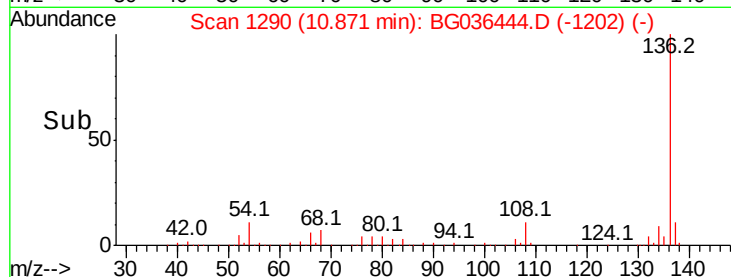
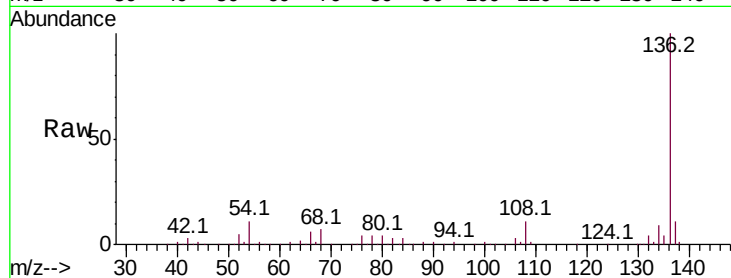




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

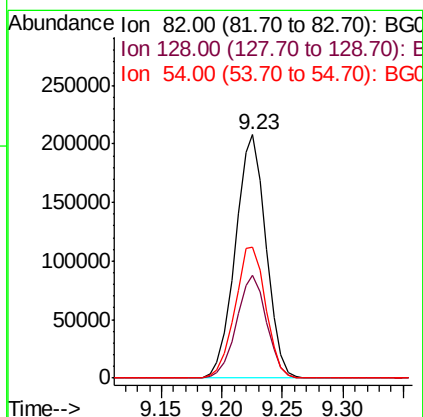
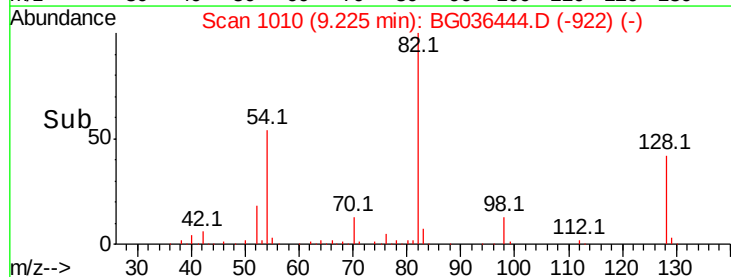
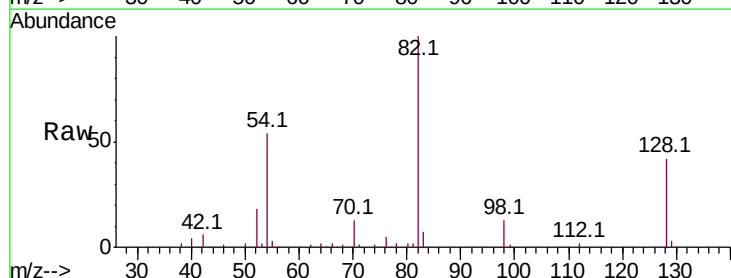
Instrument :
BNA_G
ClientSampleId :

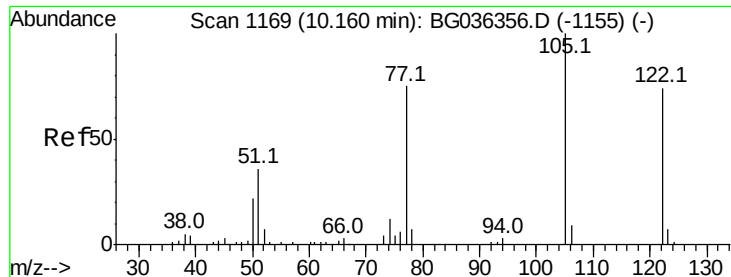
Tot Ion:	136	Resp:	264581
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.6	9.2	13.8
68	6.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 75.140 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

Tgt Ion:	82	Resp:	366419
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	53.7	45.1	67.7





#32

Benzoic acid

Concen: 4.497 ng

RT: 10.33 min Scan# 1198

Delta R.T. 0.17 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Instrument :

BNA_G

ClientSampleId :

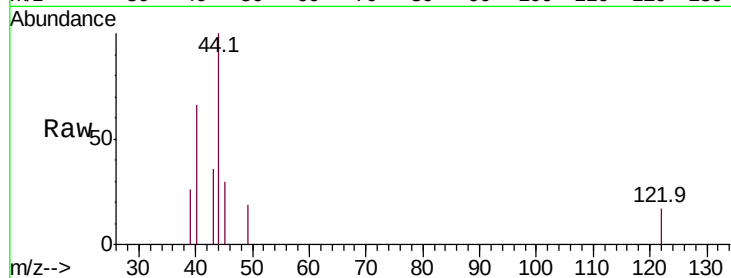
Tot Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

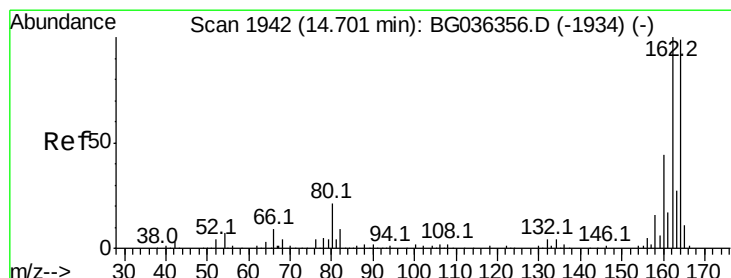
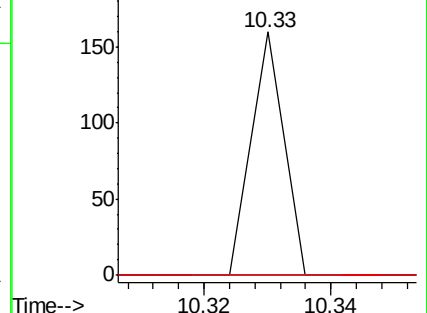
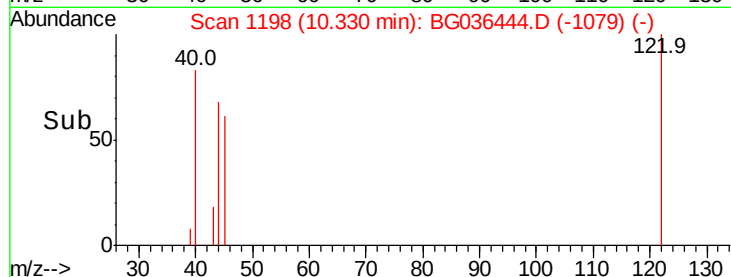
77 0.0 76.3 116.3#



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: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

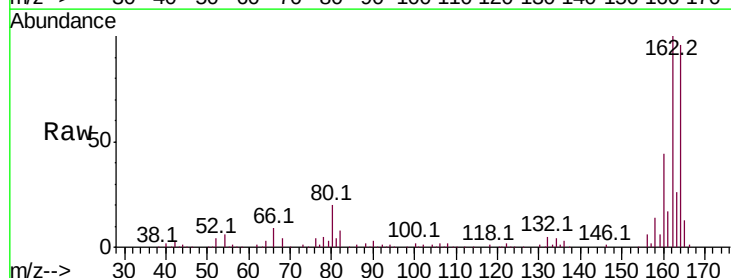
Tgt Ion:164 Resp: 170661

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

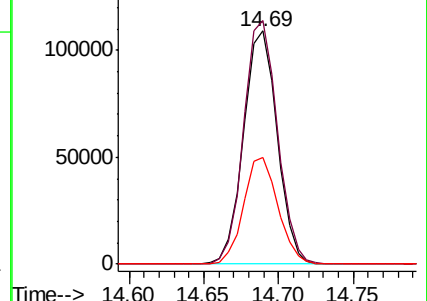
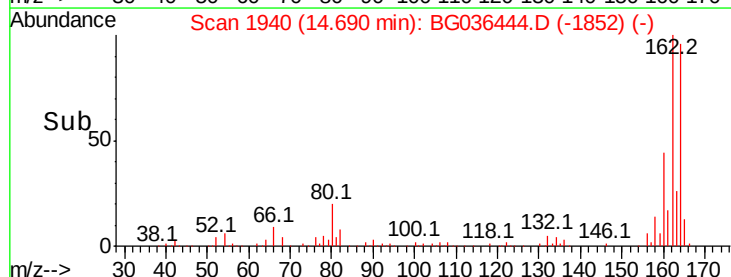
160 45.9 35.3 52.9

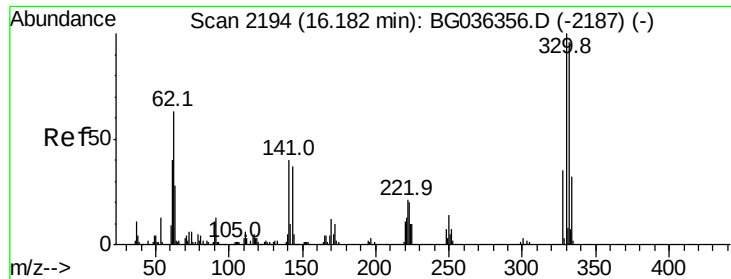


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

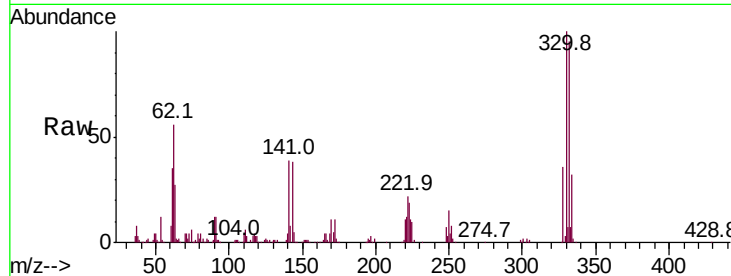




#41
 2,4,6-Tribromophenol
 Concen: 116.480 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036444.D
 Acq: 28 Aug 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	37.1	30.7	46.1

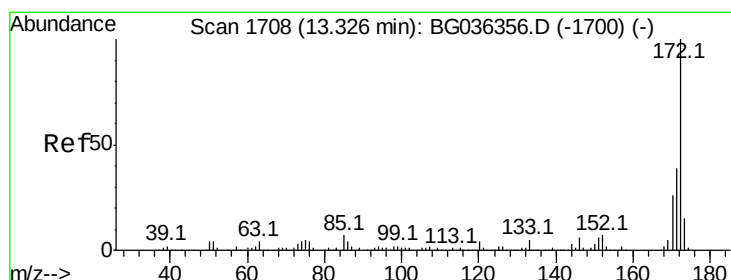
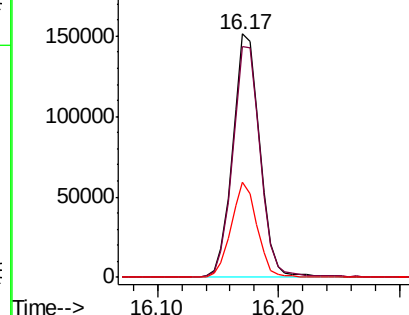
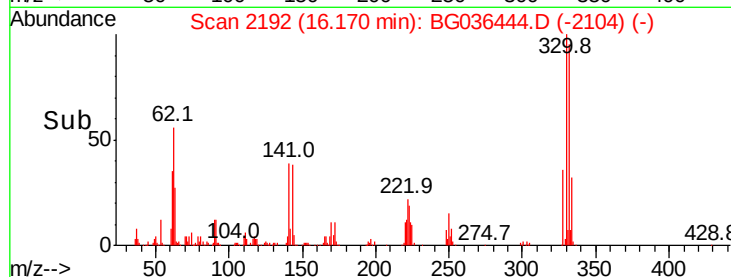


Abundance

Ion 329.80 (329.50 to 330.50): E

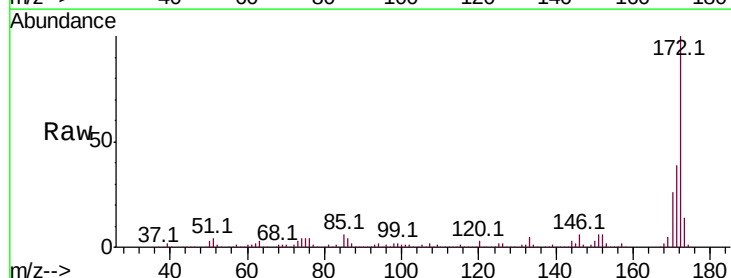
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.206 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036444.D
 Acq: 28 Aug 2018 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	26.3	21.0	31.6

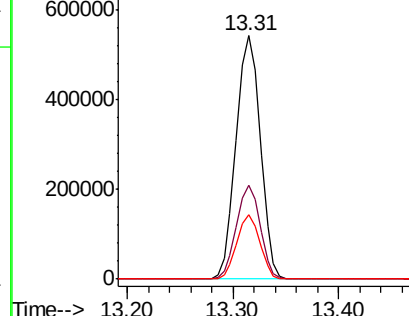
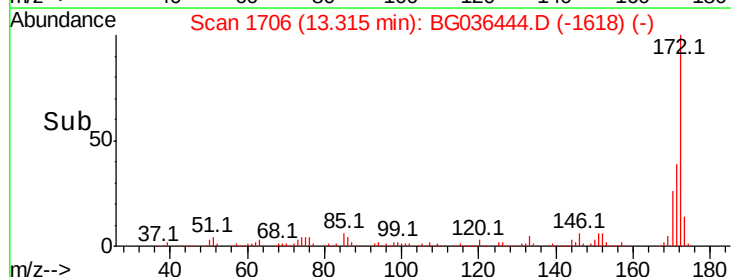


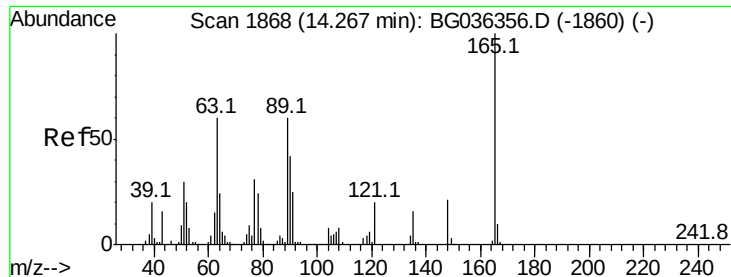
Abundance

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

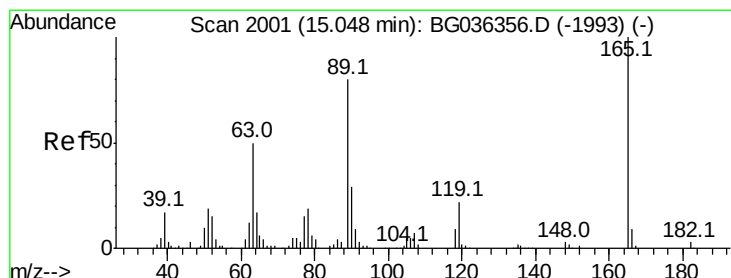
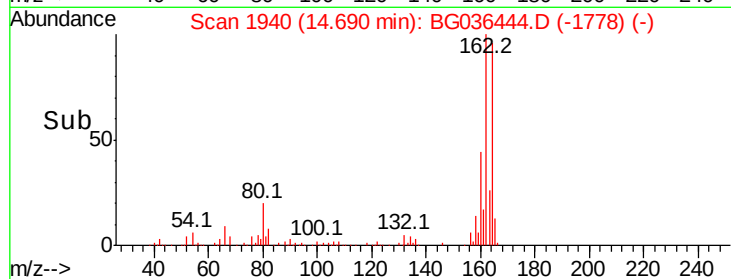
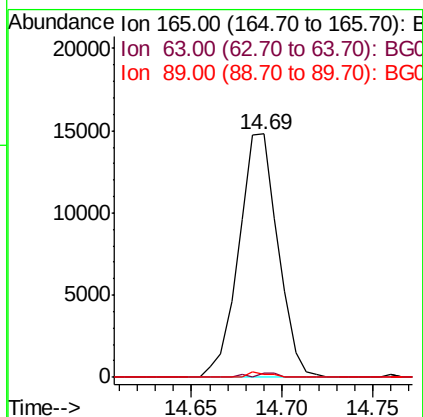
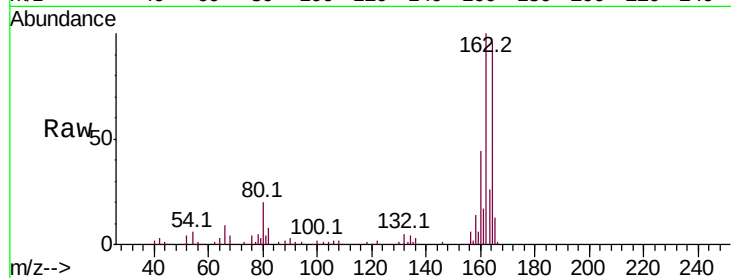




#50
 2,6-Dinitrotoluene
 Concen: 7.726 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036444.D
 Acq: 28 Aug 2018 00:32

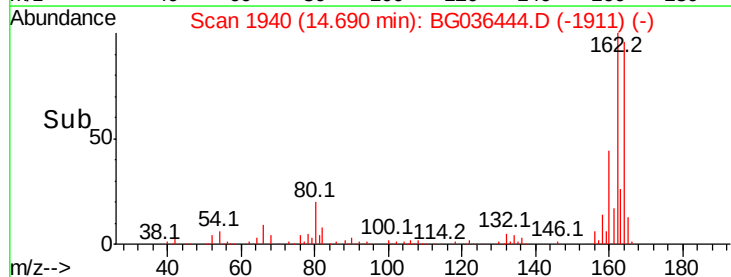
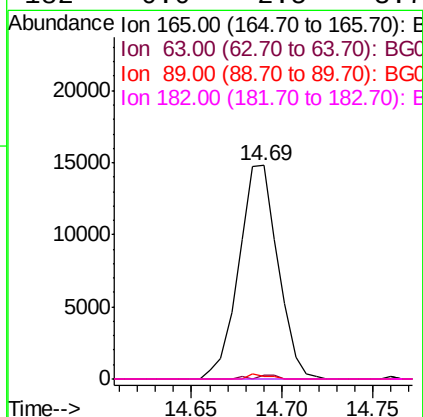
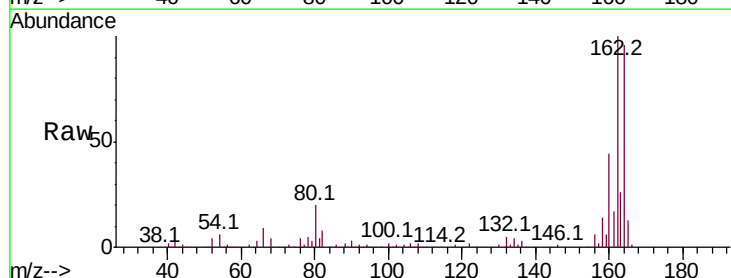
Instrument :
 BNA_G
 ClientSampleId :

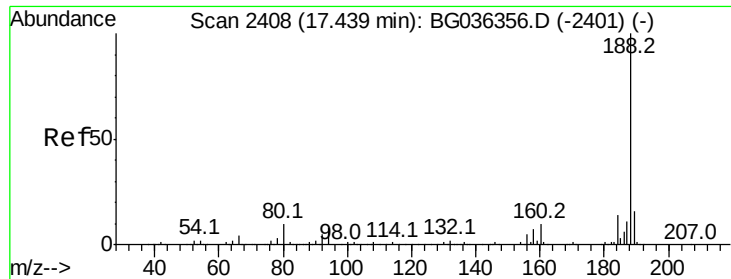
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	50.1	75.1#
89	1.4	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.928 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036444.D
 Acq: 28 Aug 2018 00:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	1.4	63.7	95.5#
182	0.0	2.5	3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Instrument :

BNA_G

ClientSampleId :

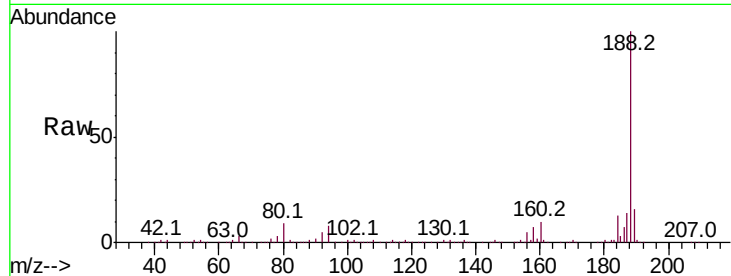
Tot Ion:188 Resp: 431542

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

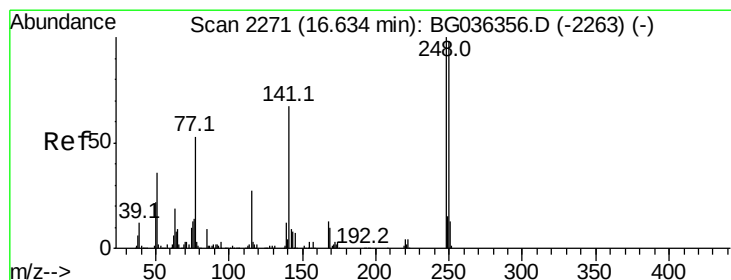
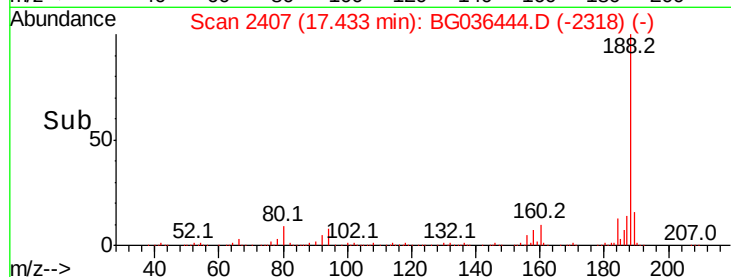
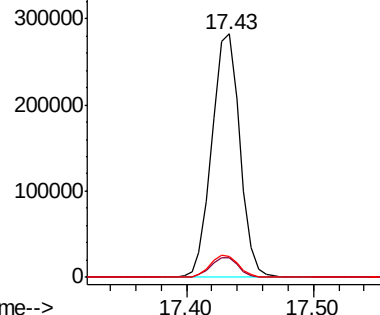
80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.298 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.46 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

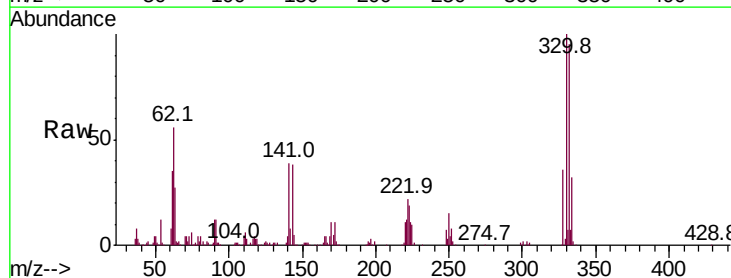
Tgt Ion:248 Resp: 16662

Ion Ratio Lower Upper

248 100

250 213.0 78.1 117.1#

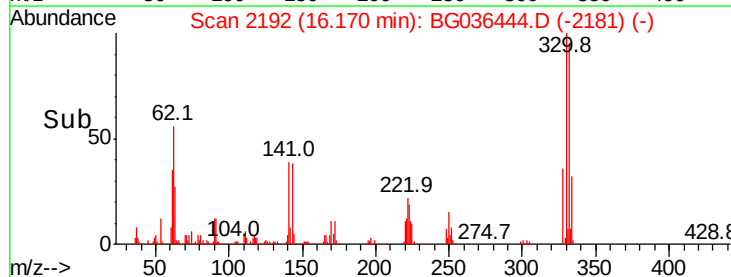
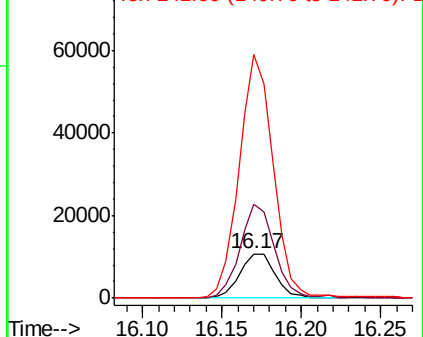
141 549.6 53.7 80.5#

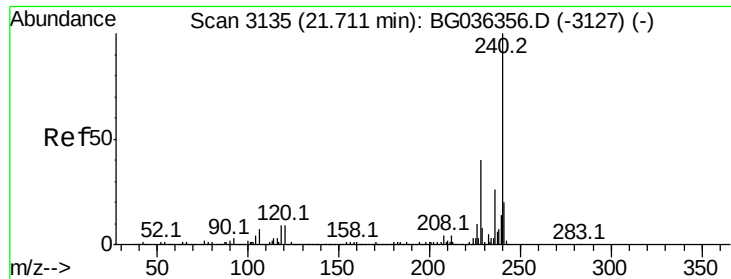


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Instrument :

BNA_G

ClientSampleId :

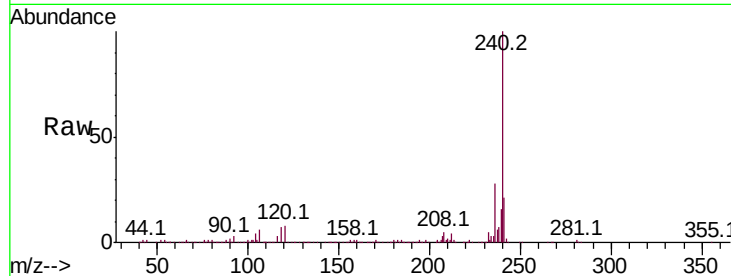
Tot Ion:240 Resp: 463209

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

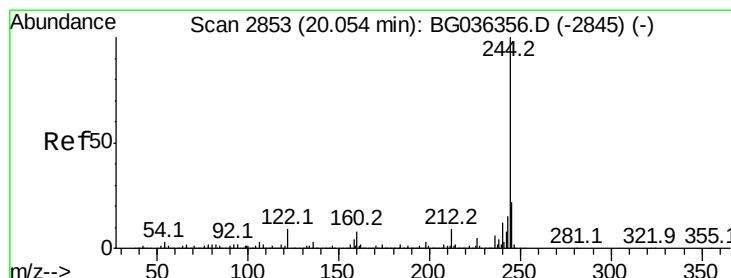
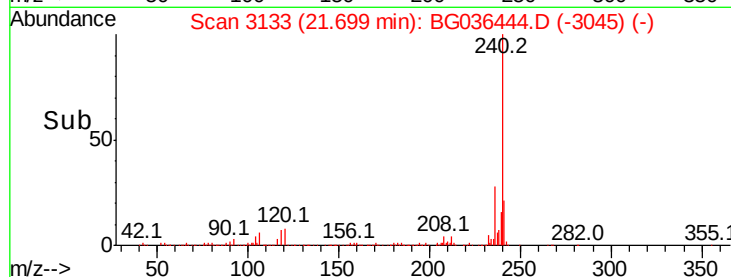
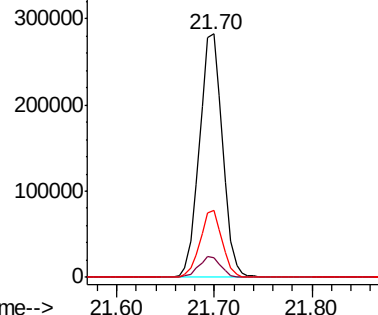
236 27.7 21.2 31.8



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: 74.166 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

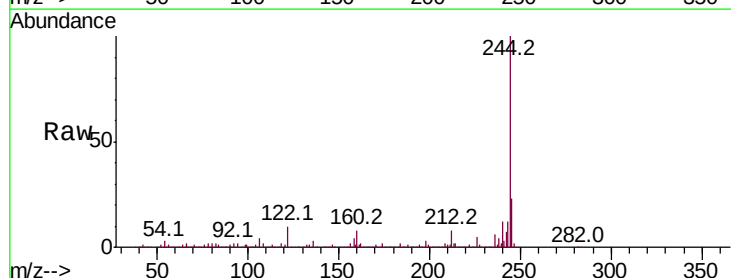
Tgt Ion:244 Resp: 1469799

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

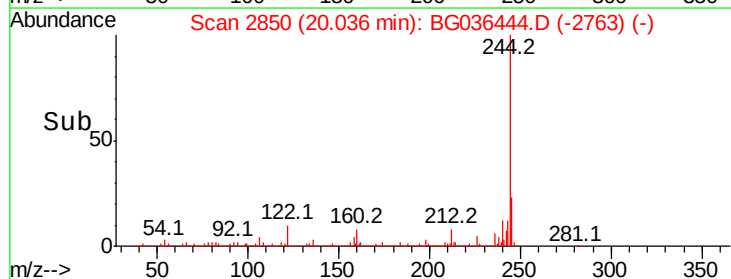
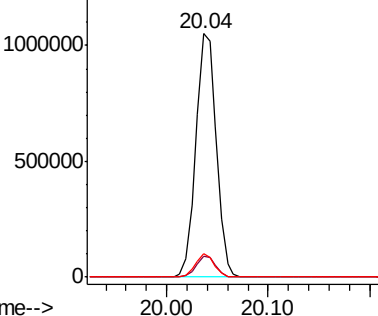
122 9.5 7.1 10.7

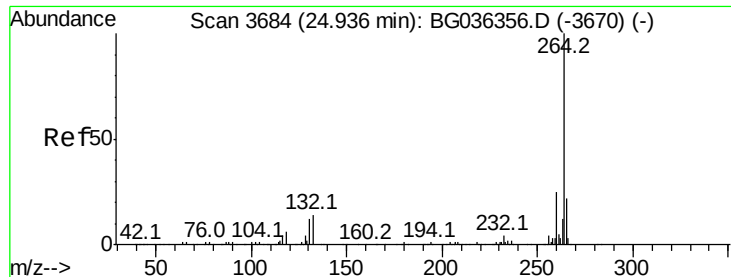


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3680
Delta R.T. -0.02 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.7	17.4	26.0

