

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036445.D
 Acq On : 28 Aug 2018 1:11
 Operator : JU/SJ
 Sample : J4270-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 03:30:13 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

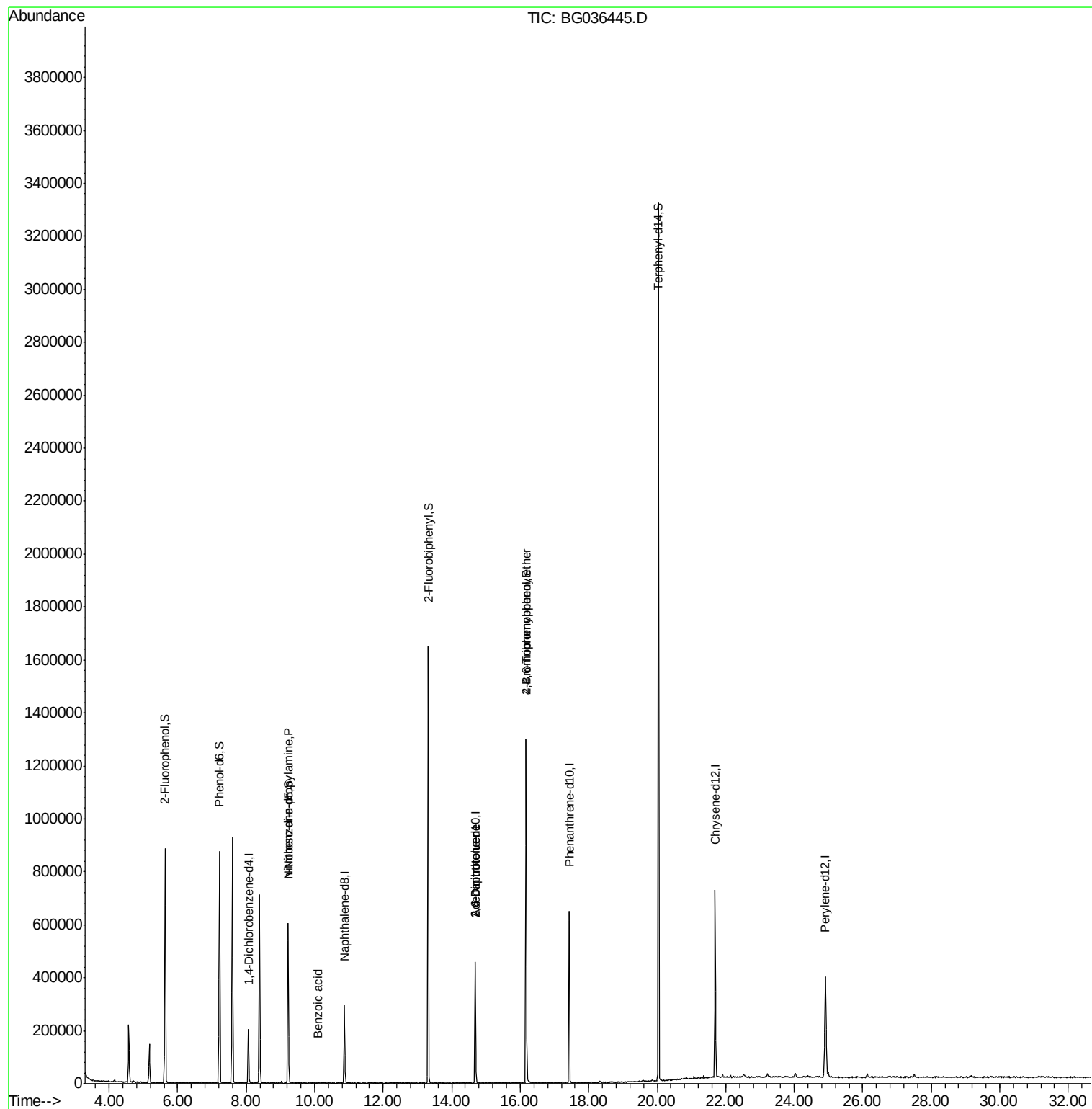
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58044	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	245166	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	160317	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	410528	20.00	ng	0.00
75) Chrysene-d12	21.69	240	442832	20.00	ng	-0.02
86) Perylene-d12	24.91	264	423462	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	370253	101.19	ng	0.00
7) Phenol-d6	7.22	99	510060	97.36	ng	0.00
23) Nitrobenzene-d5	9.22	82	357791	79.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	244082	127.60	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	852110	75.89	ng	-0.01
78) Terphenyl-d14	20.04	244	1493863	78.85	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49402	12.617	ng	# 69
32) Benzoic acid	10.09	122	66	4.502	ng	# 1
50) 2,6-Dinitrotoluene	14.69	165	21343	7.923	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	21343	6.079	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	17250	3.589	ng	# 1

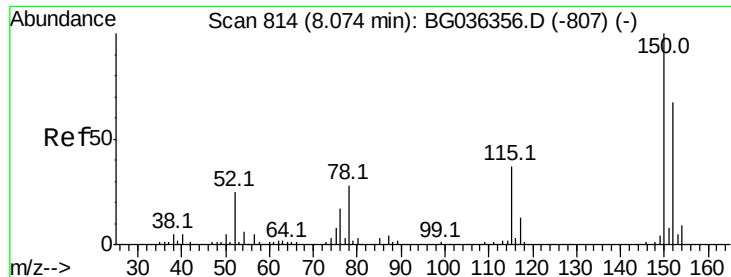
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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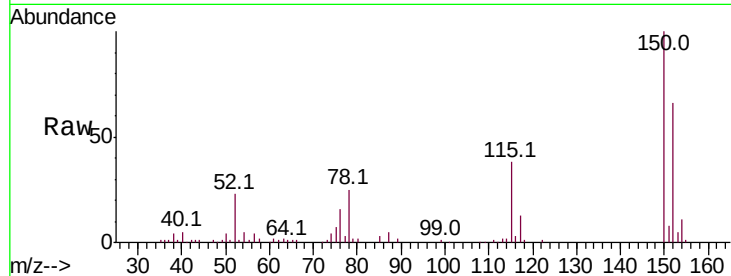


#1

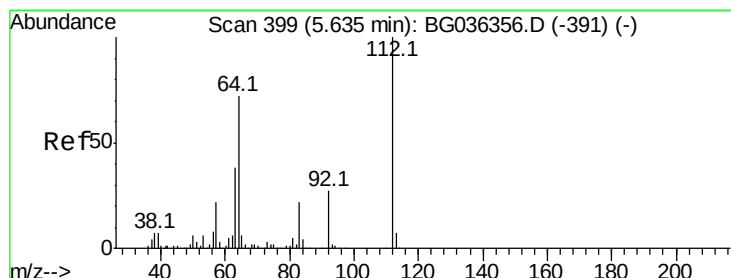
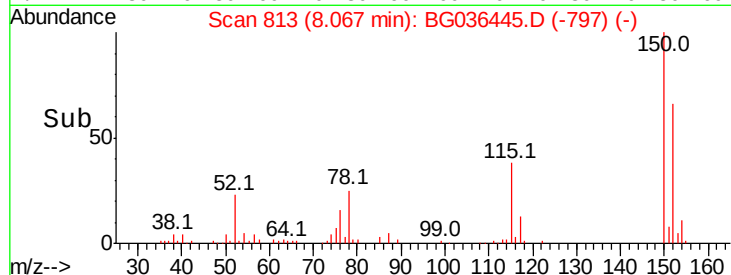
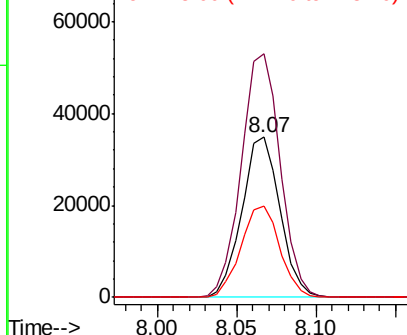
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58044
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 57.3 44.5 66.7



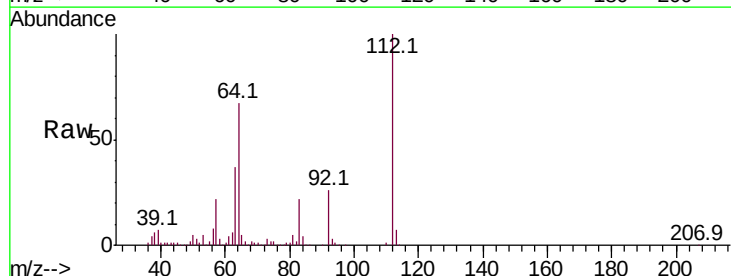
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



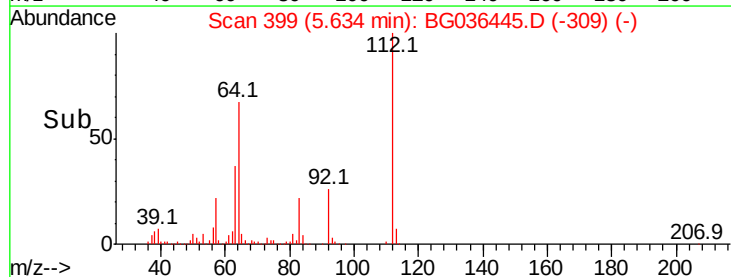
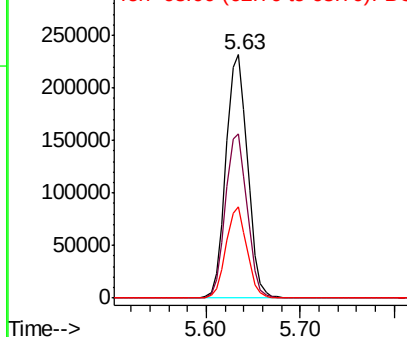
#5

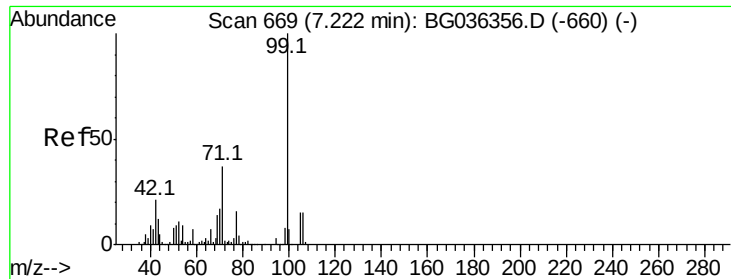
2-Fluorophenol
Concen: 101.187 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Tgt Ion:112 Resp: 370253
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 37.4 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: 97.360 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

Instrument :

BNA_G

ClientSampleId :

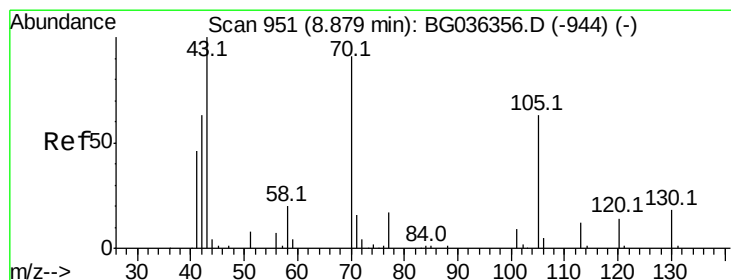
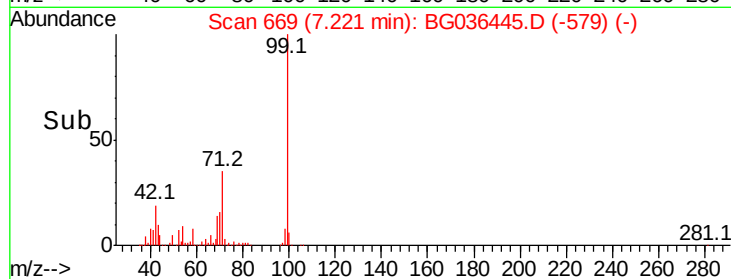
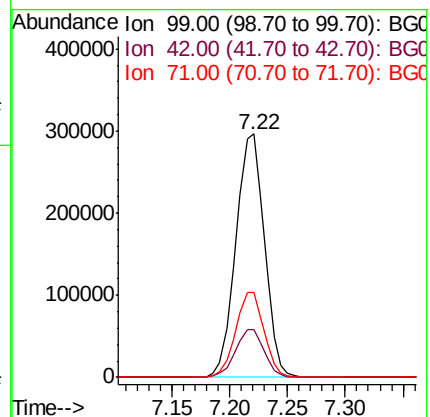
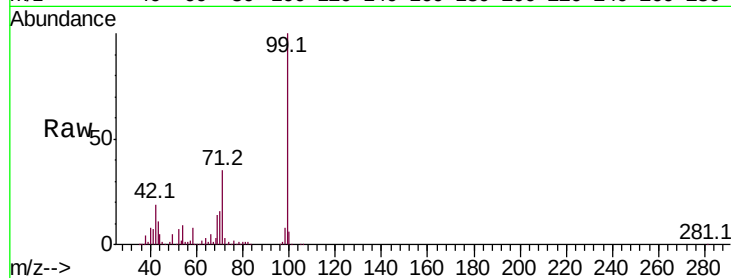
Tot Ion: 99 Resp: 510060

Ion Ratio Lower Upper

99 100

42 19.4 16.5 24.7

71 35.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.617 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

Tgt Ion: 70 Resp: 49402

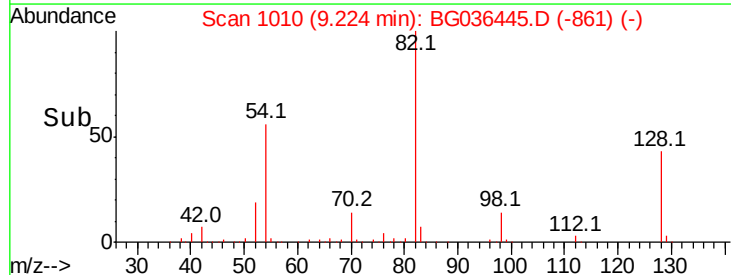
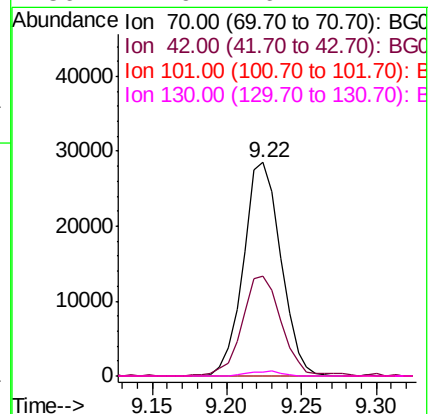
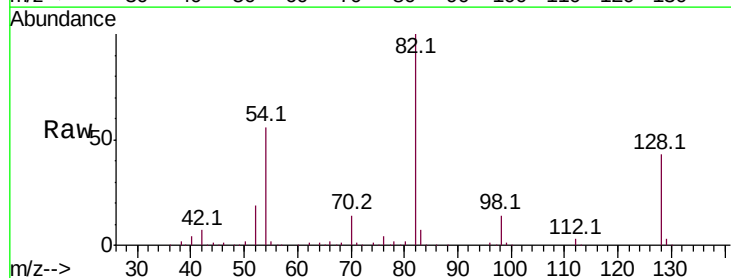
Ion Ratio Lower Upper

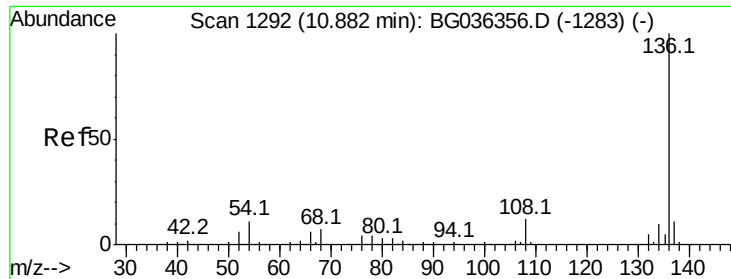
70 100

42 46.9 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 16.2 24.2#

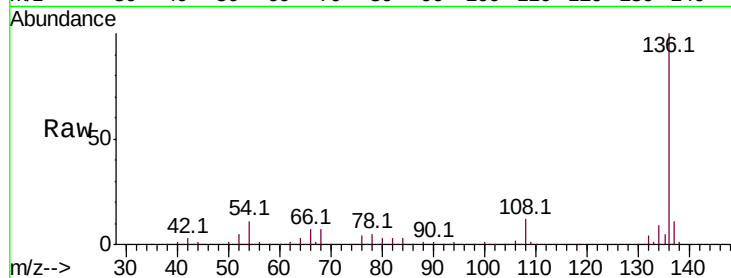




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	245166
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	11.0	9.2	13.8
68	6.8	5.8	8.6



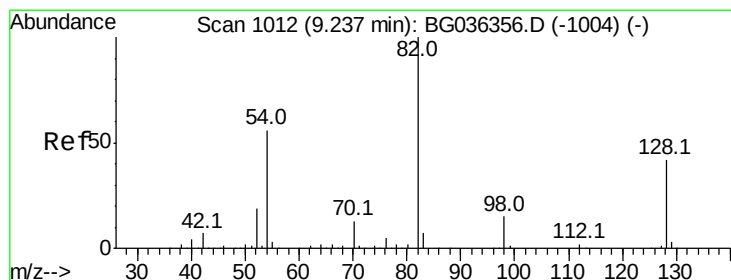
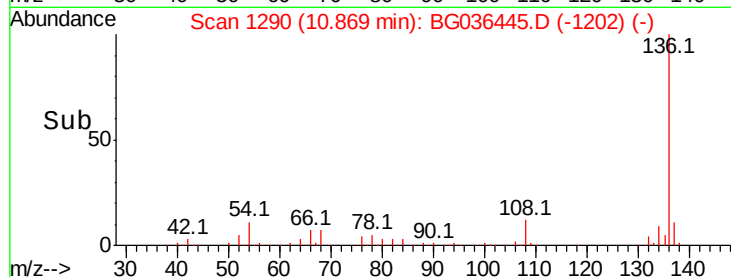
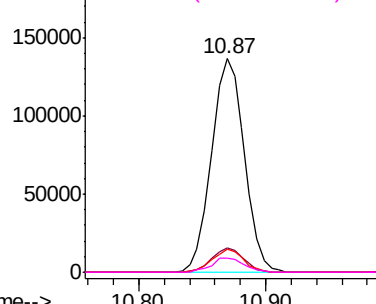
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

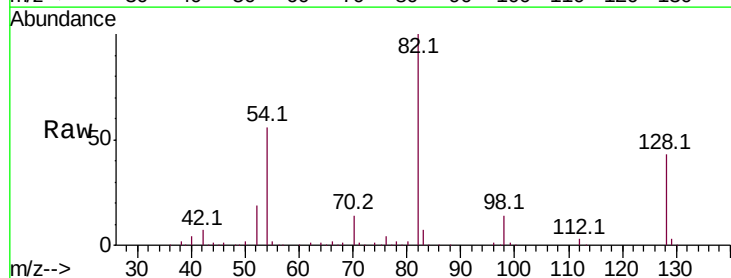
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 79.181 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Tgt Ion:	82	Resp:	357791
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	56.0	45.1	67.7

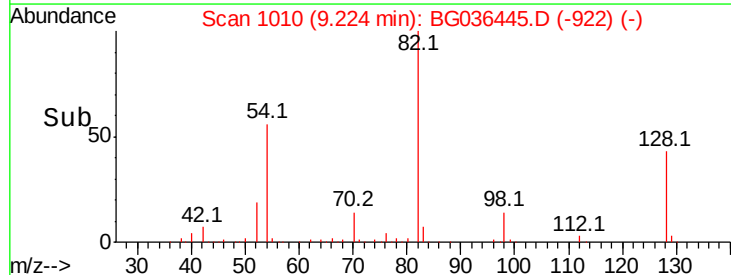
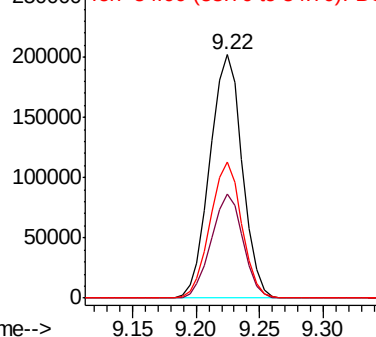


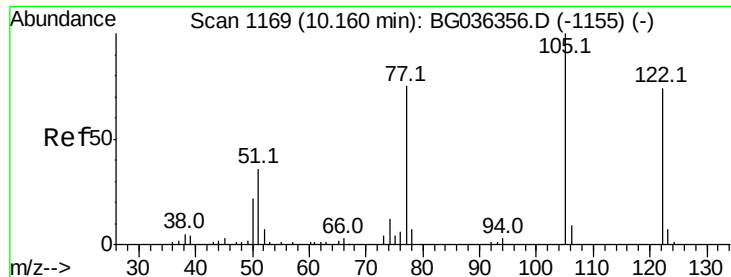
Abundance

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

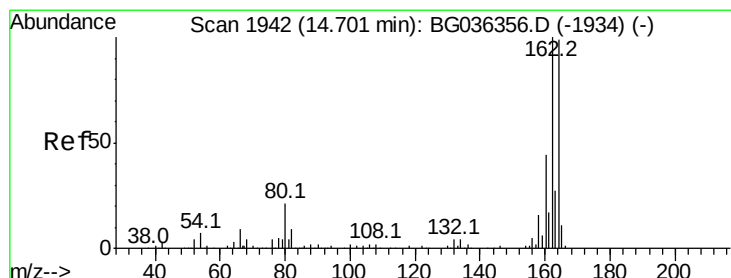
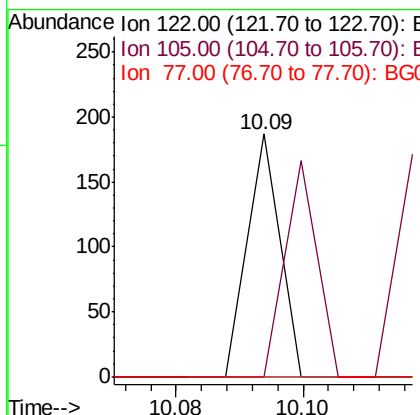
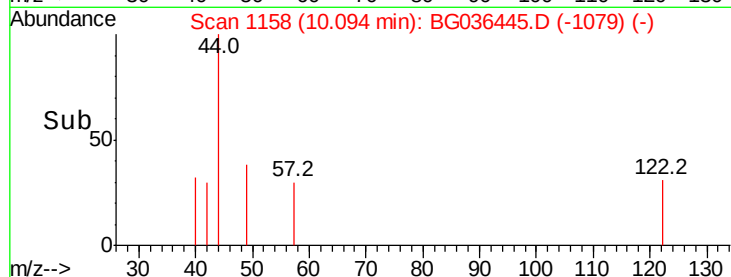
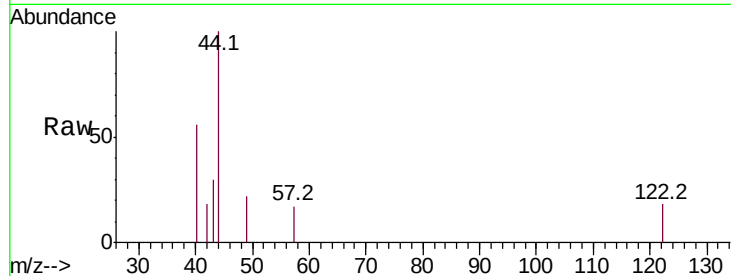




#32
Benzoic acid
Concen: 4.502 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.07 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

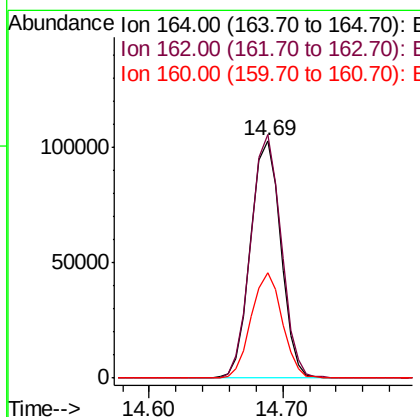
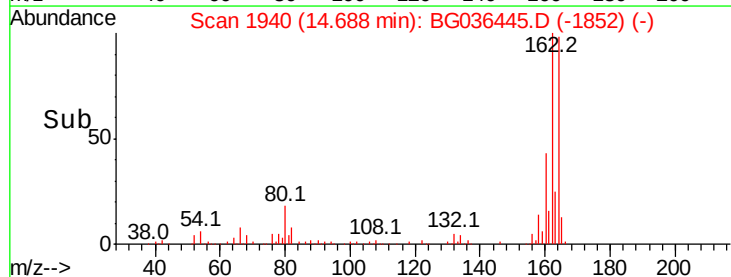
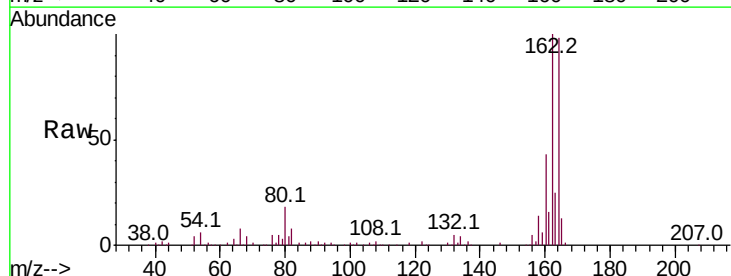
Instrument :
BNA_G
ClientSampled :

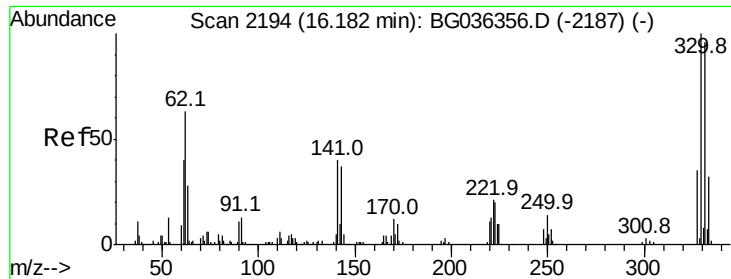
Tot Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Tgt Ion:164 Resp: 160317
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 44.3 35.3 52.9

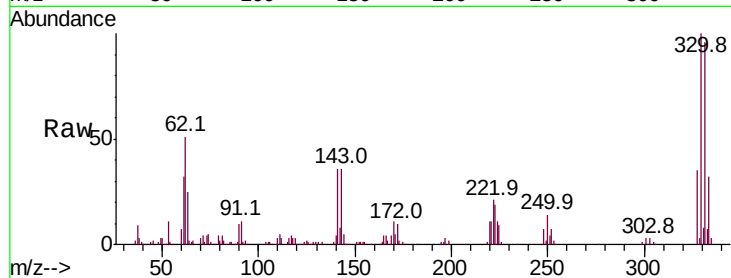




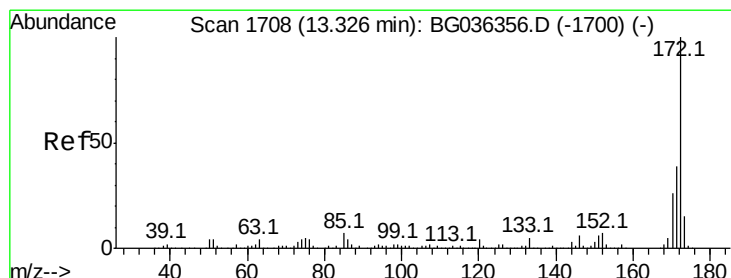
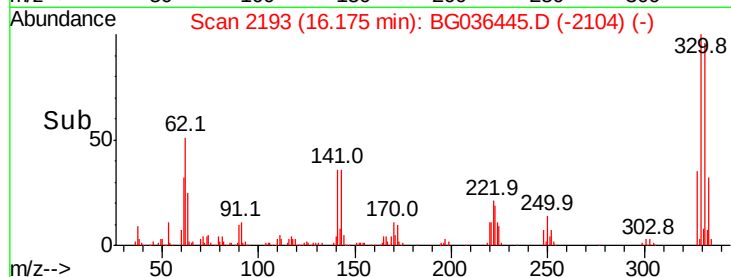
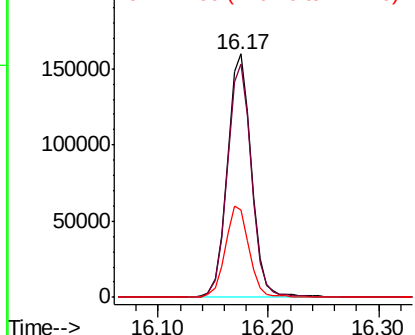
#41
 2,4,6-Tribromophenol
 Concen: 127.595 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036445.D
 Acq: 28 Aug 2018 1:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.2
141	37.4	30.7	46.1

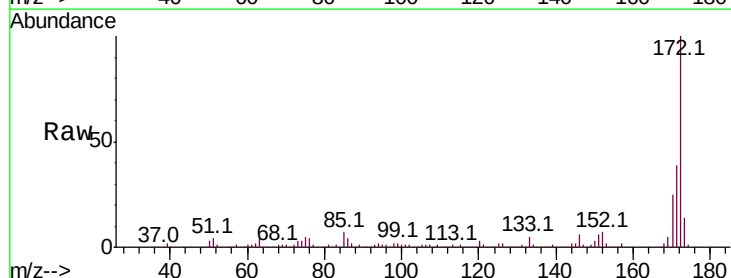


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

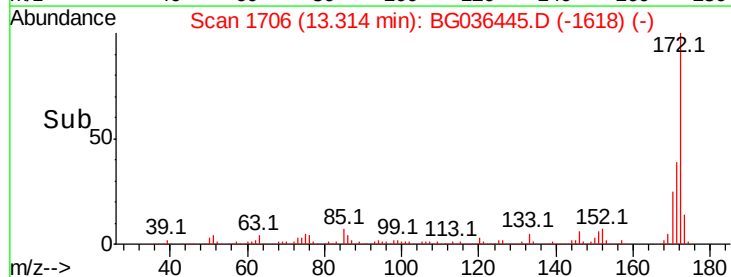
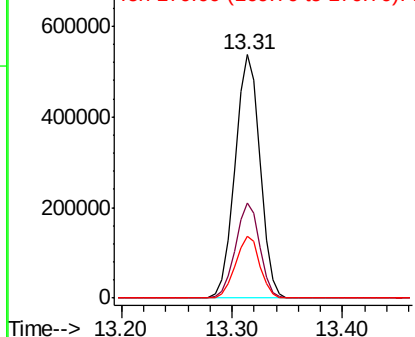


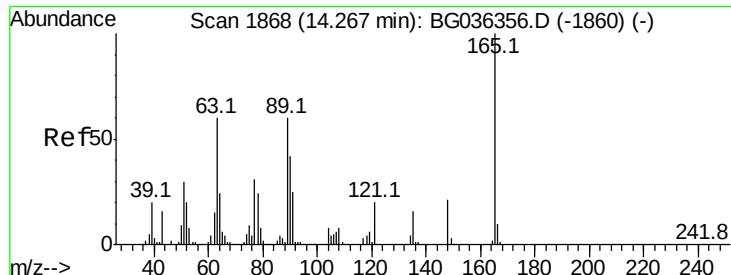
#44
 2-Fluorobiphenyl
 Concen: 75.891 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036445.D
 Acq: 28 Aug 2018 1:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.4	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

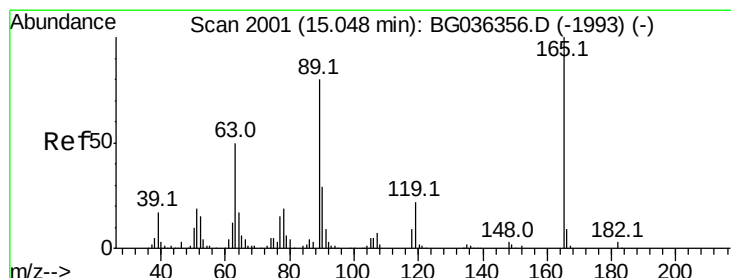
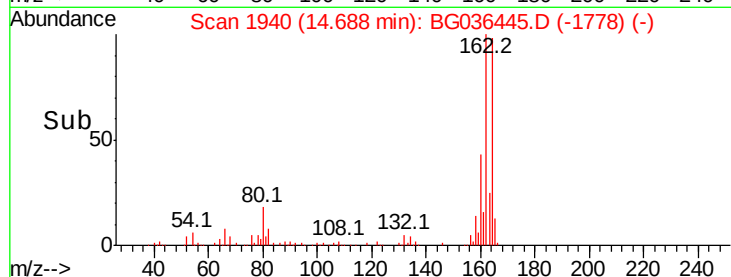
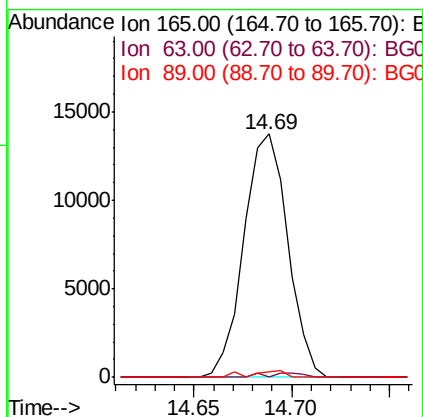
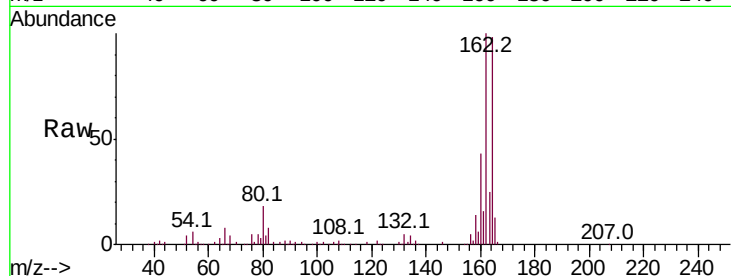




#50
2,6-Dinitrotoluene
Concen: 7.923 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

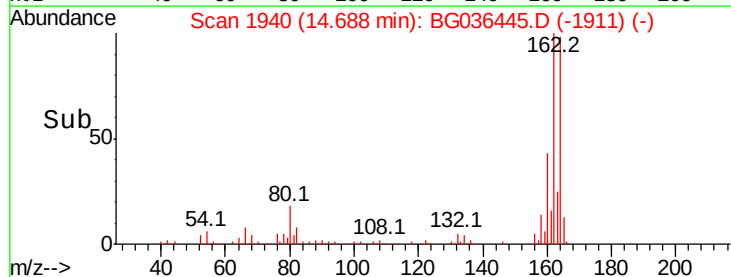
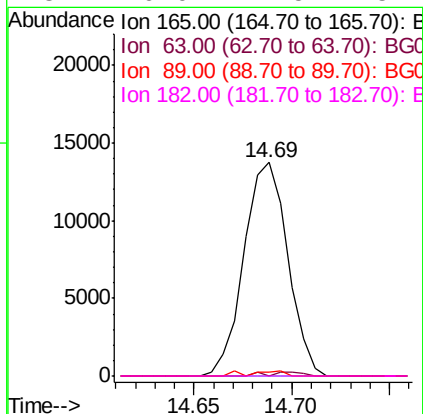
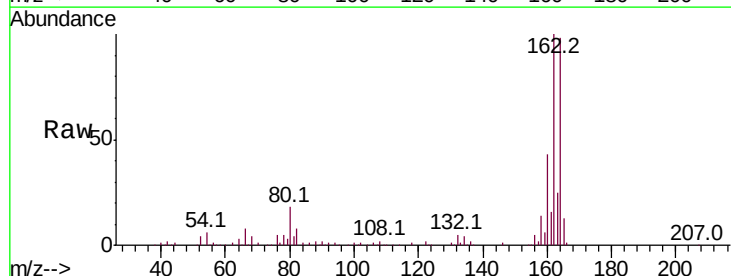
Instrument :
BNA_G
ClientSampleId :

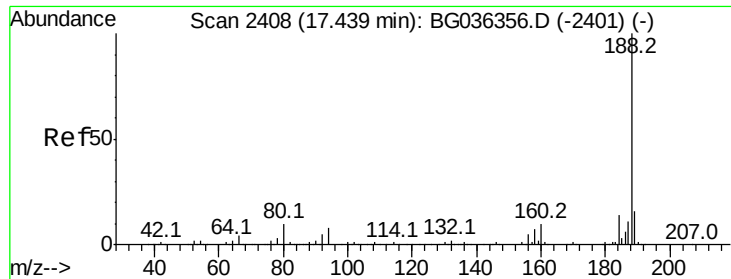
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.1	47.8	71.6#



#56
2,4-Dinitrotoluene
Concen: 6.079 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036445.D
Acq: 28 Aug 2018 1:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.1	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: BG036445.D

Acq: 28 Aug 2018 1:11

Instrument :

BNA_G

ClientSampleId :

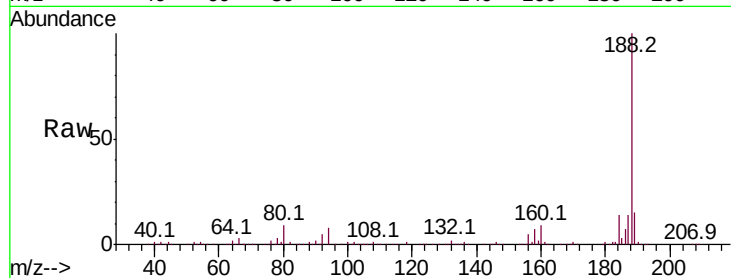
Tot Ion:188 Resp: 410528

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

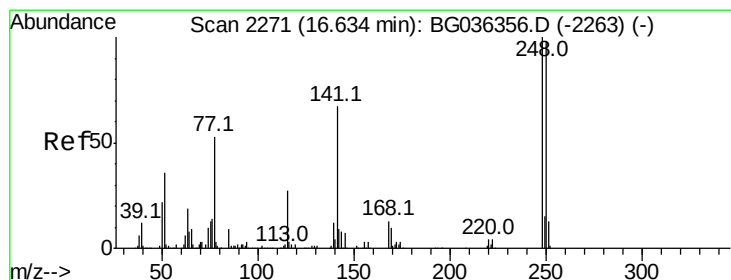
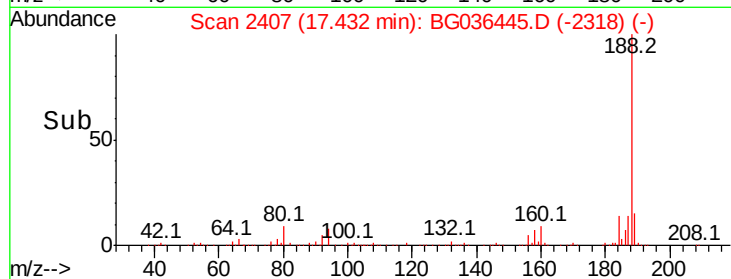
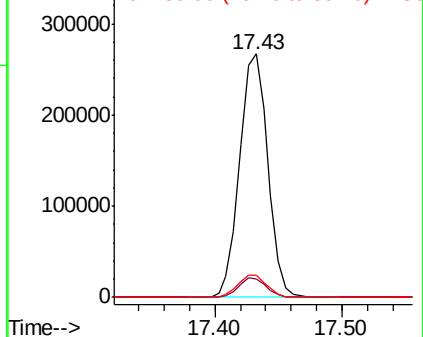
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.589 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

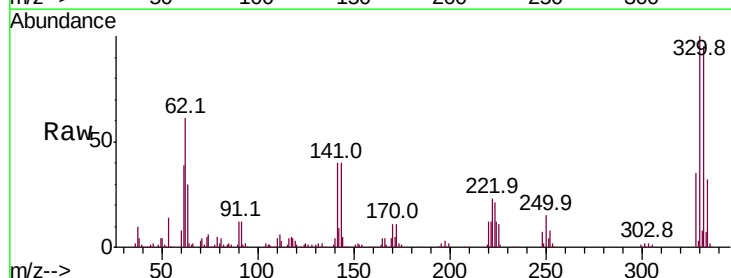
Tgt Ion:248 Resp: 17250

Ion Ratio Lower Upper

248 100

250 204.7 78.1 117.1#

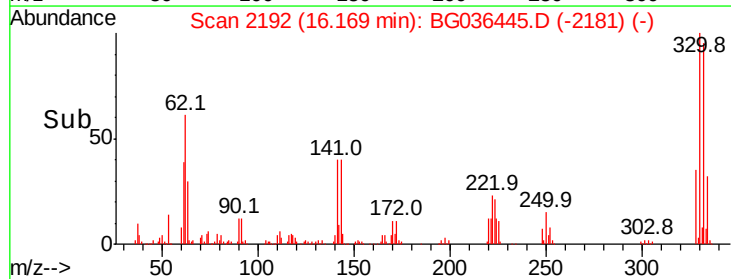
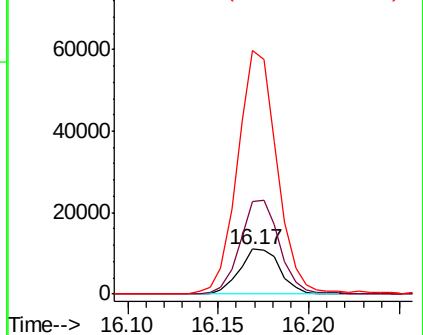
141 541.5 53.7 80.5#

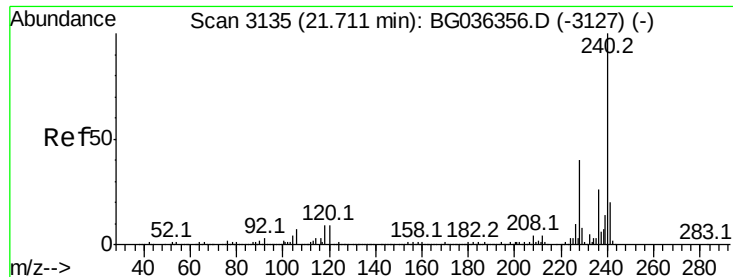


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.02 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

Instrument :

BNA_G

ClientSampleId :

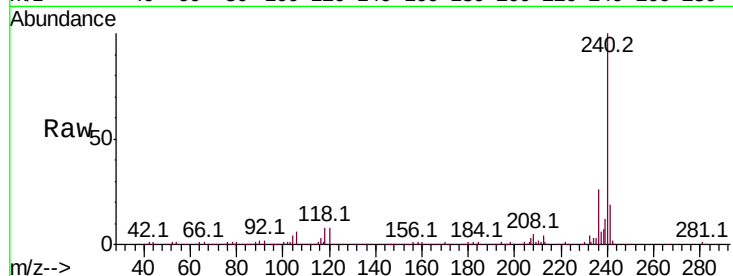
Tot Ion:240 Resp: 442832

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

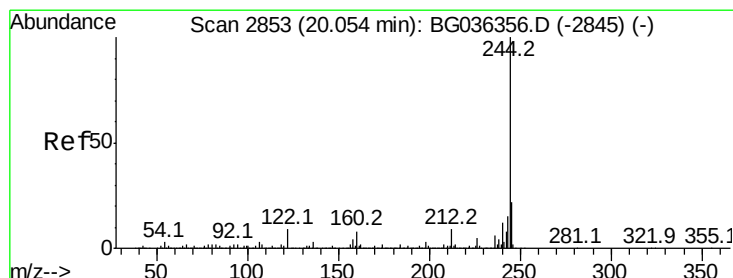
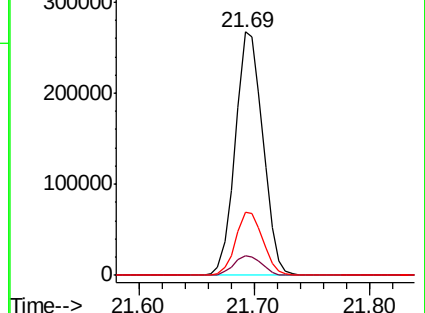
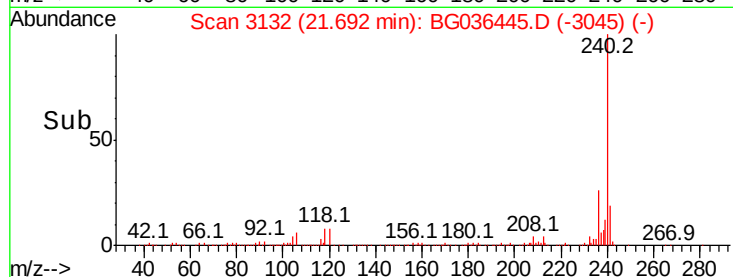
236 26.1 21.2 31.8



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: 78.849 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036445.D

Acq: 28 Aug 2018 1:11

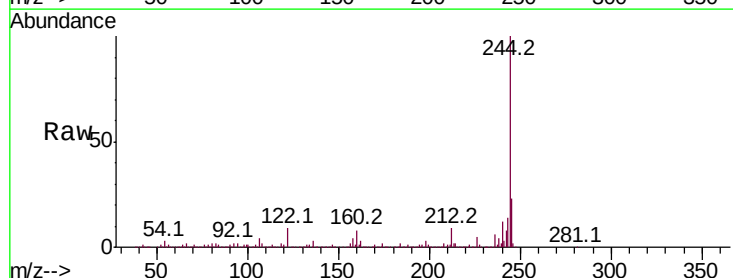
Tgt Ion:244 Resp: 1493863

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

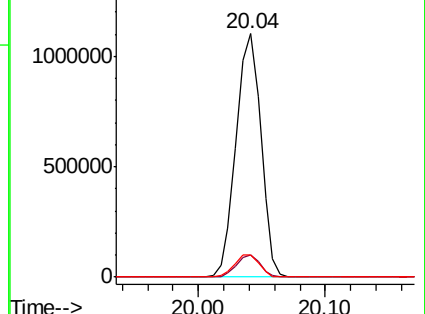
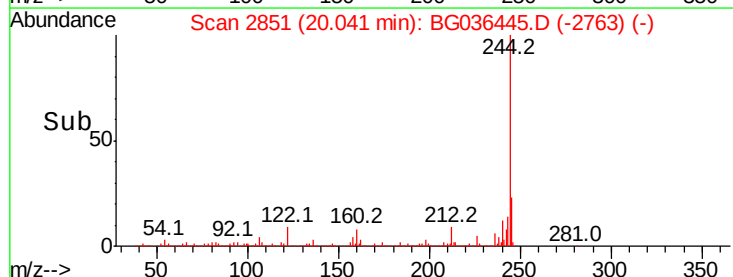
122 9.1 7.1 10.7

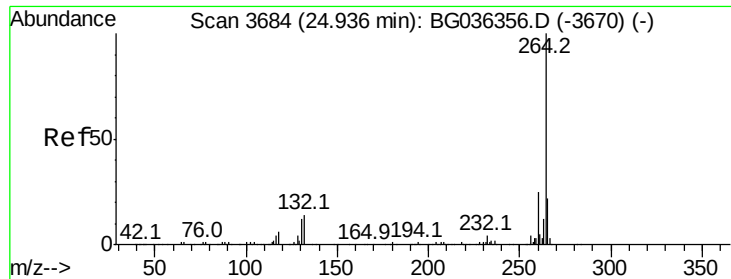


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

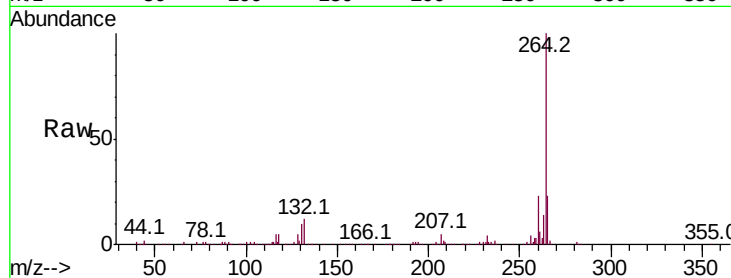




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.02 min
 Lab File: BG036445.D
 Acq: 28 Aug 2018 1:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.7	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

