

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036553.D
 Acq On : 5 Sep 2018 6:12
 Operator : JU/SJ
 Sample : J4759-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 07:18:40 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

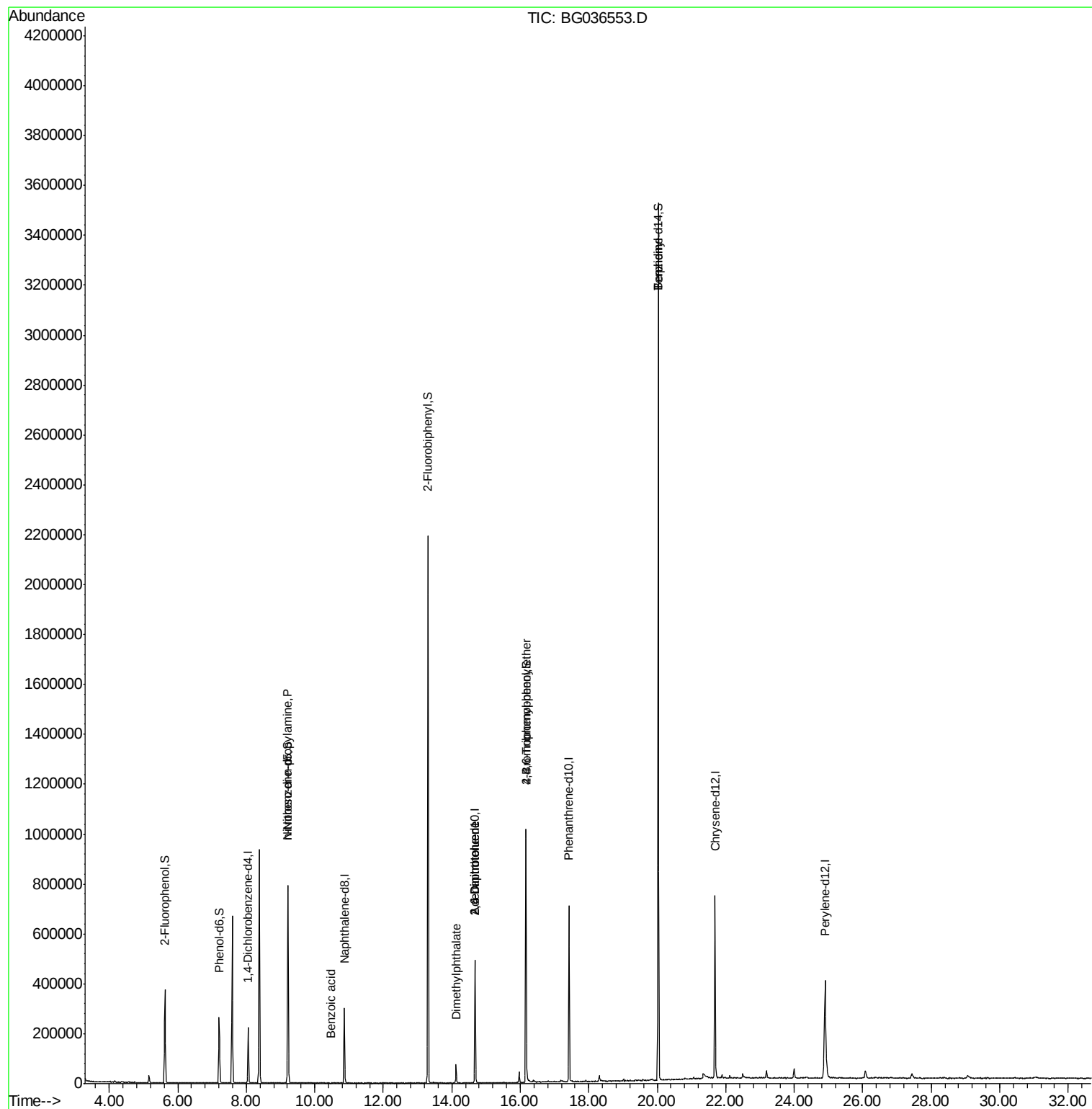
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61518	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	261163	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169371	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	437648	20.00	ng	0.00
75) Chrysene-d12	21.69	240	462264	20.00	ng	0.00
86) Perylene-d12	24.90	264	459440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	162938	42.01	ng	0.00
7) Phenol-d6	7.21	99	154799	27.88	ng	0.00
23) Nitrobenzene-d5	9.22	82	478532	99.42	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	193588	95.79	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1113523	93.87	ng	0.00
78) Terphenyl-d14	20.03	244	1639151	82.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	63553	15.315	ng	# 70
32) Benzoic acid	10.46	122	55	4.497	ng	# 1
49) Dimethylphthalate	14.13	163	49564	3.584	ng	# 98
50) 2,6-Dinitrotoluene	14.68	165	21352	7.503	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	21352	5.757	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	13738	2.681	ng	# 1
76) Benzidine	20.03	184	29707	2.014	ng	# 93

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

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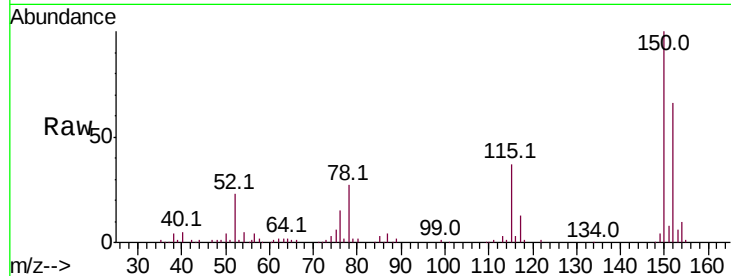


#1

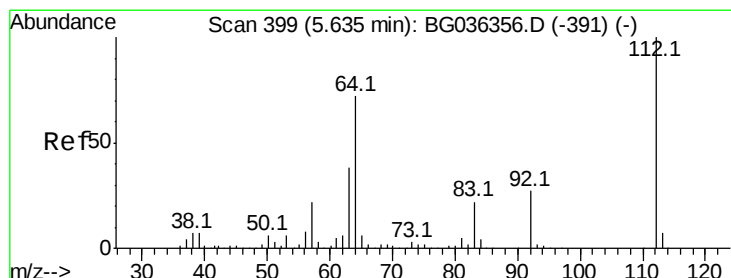
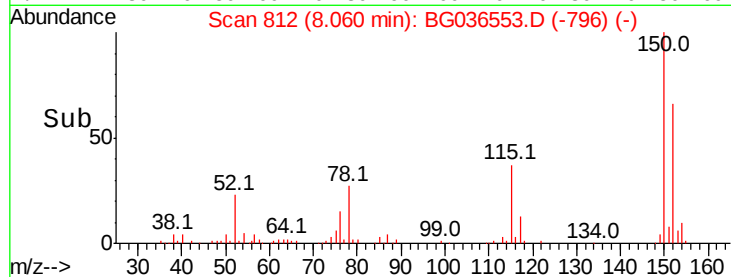
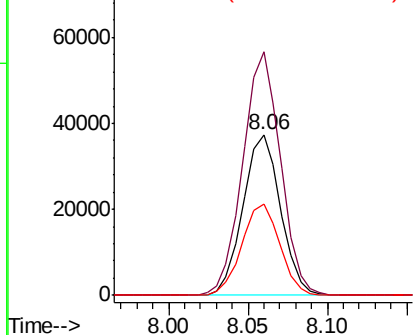
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	56.6	44.5	66.7



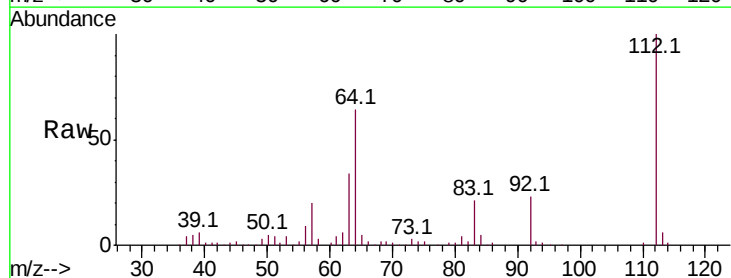
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



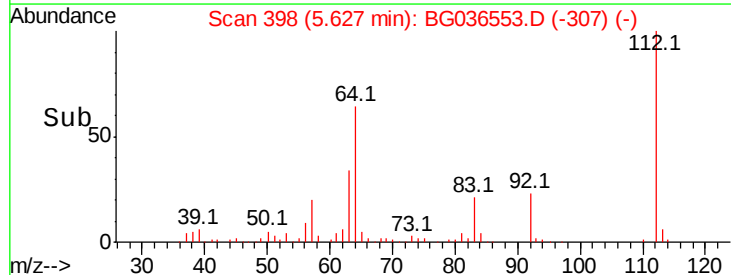
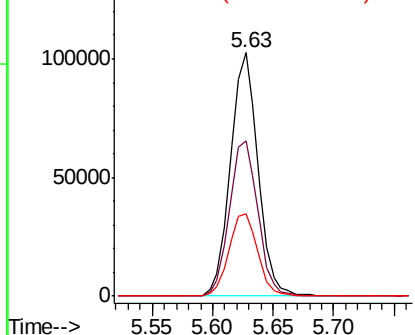
#5

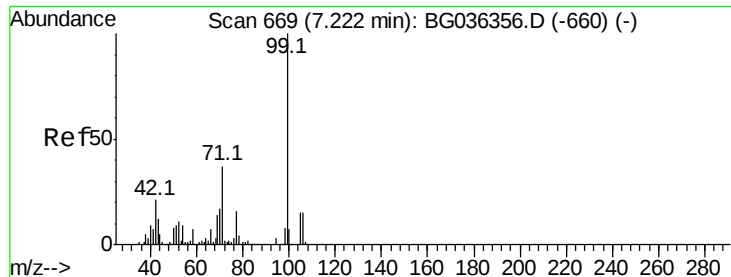
2-Fluorophenol
Concen: 42.015 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	57.2	85.8
63	33.7	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: 27.879 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036553.D

Acq: 5 Sep 2018 6:12

Instrument :

BNA_G

ClientSampled :

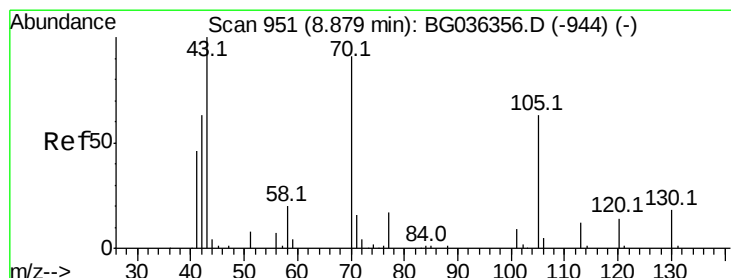
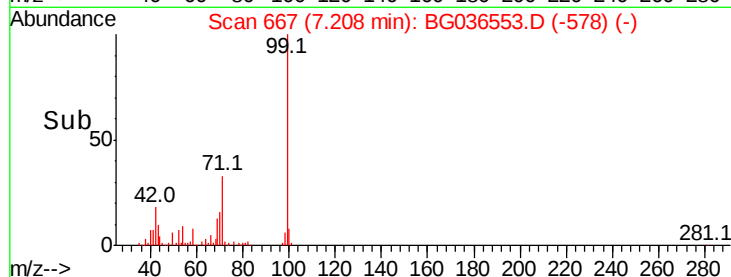
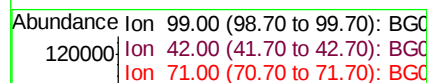
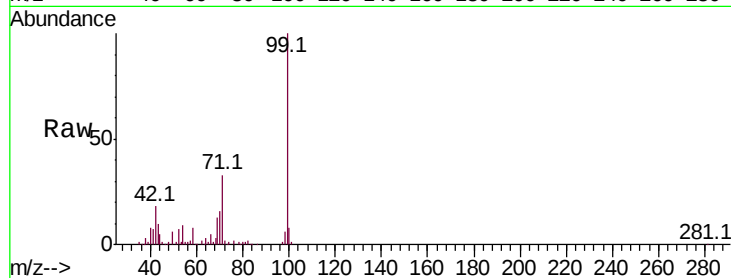
Tot Ion: 99 Resp: 154799

Ion Ratio Lower Upper

99 100

42 18.3 16.5 24.7

71 32.7 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.315 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036553.D

Acq: 5 Sep 2018 6:12

Tgt Ion: 70 Resp: 63553

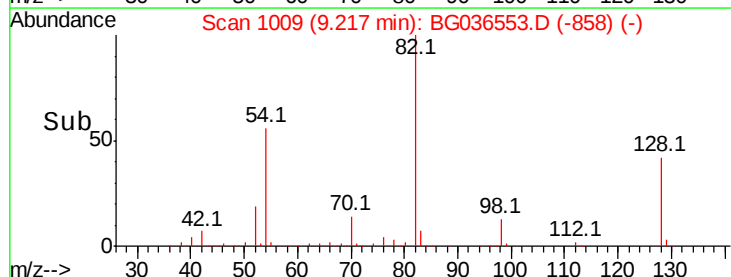
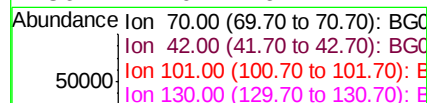
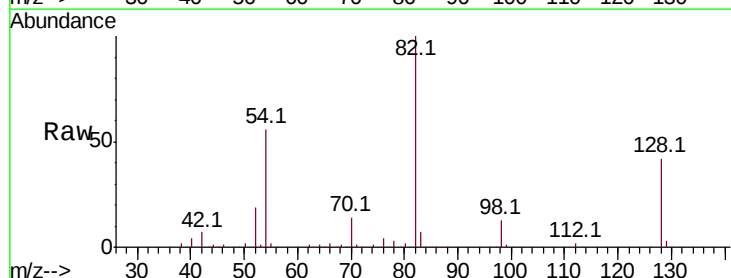
Ion Ratio Lower Upper

70 100

42 47.9 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 16.2 24.2#

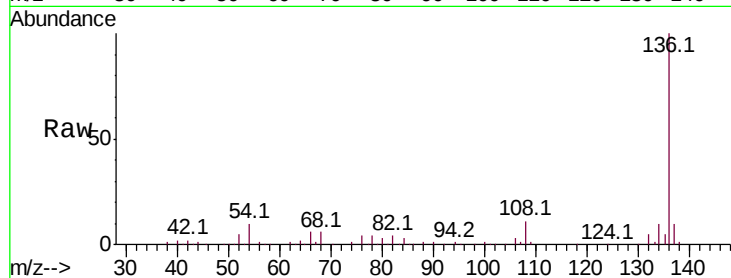




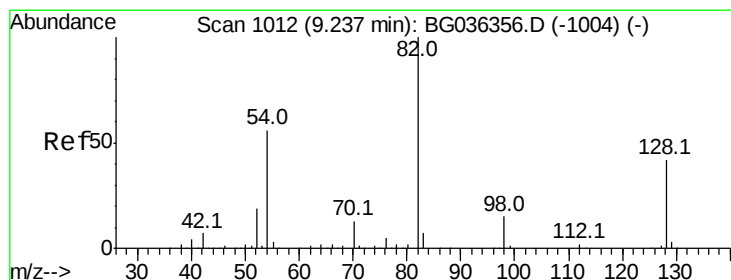
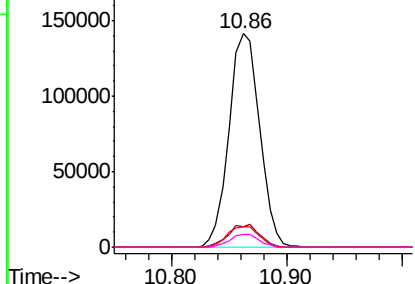
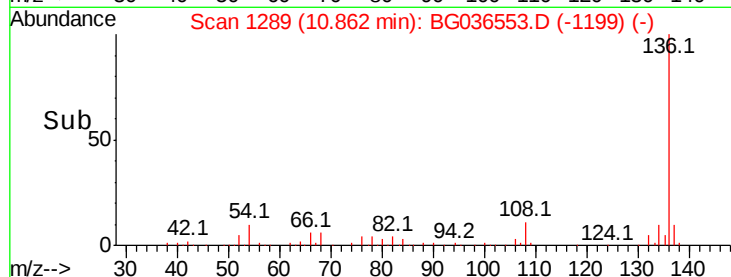
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	261163
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.8	13.2
54	9.9	9.2	13.8
68	6.2	5.8	8.6

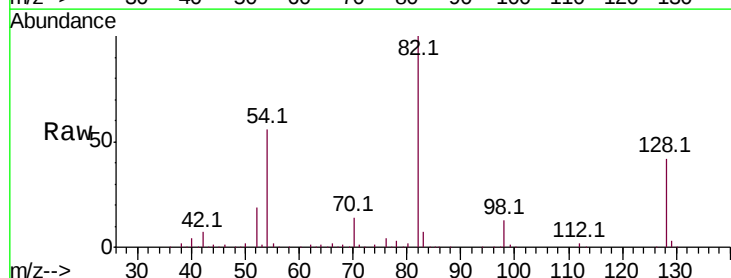


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

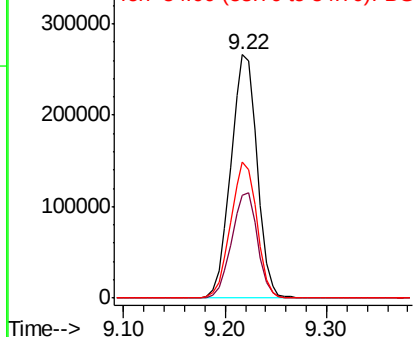
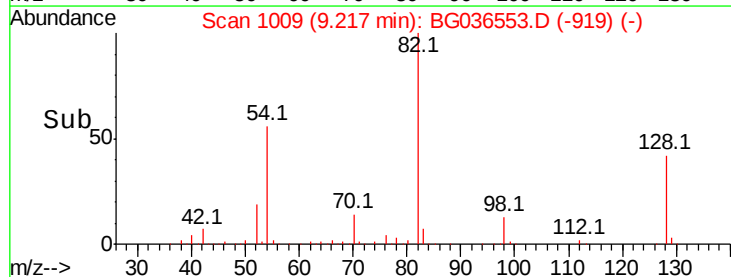


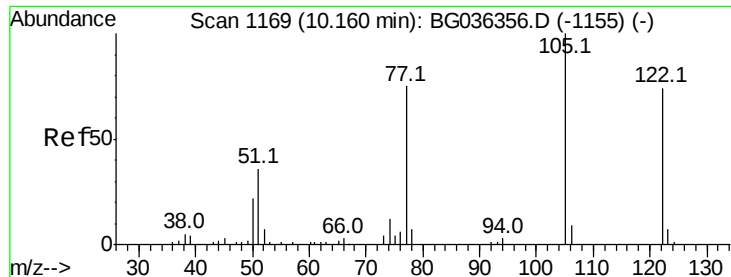
#23
Nitrobenzene-d5
Concen: 99.415 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Tgt Ion:	82	Resp:	478532
Ion	Ratio	Lower	Upper
82	100		
128	42.1	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

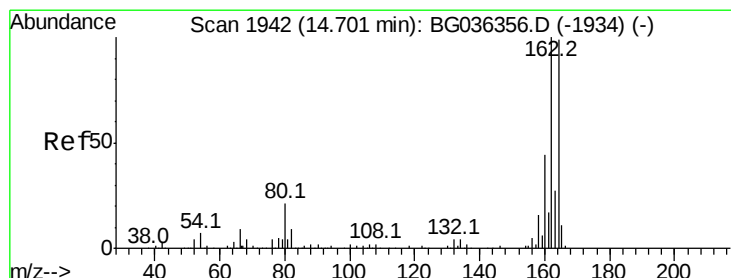
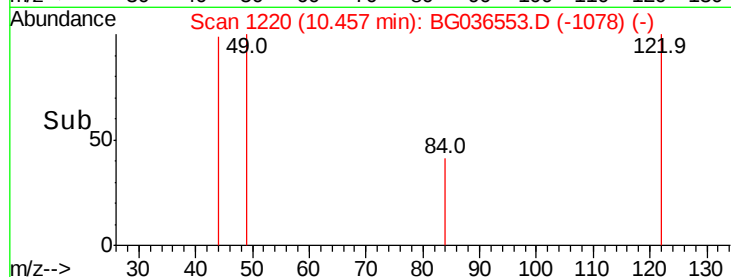
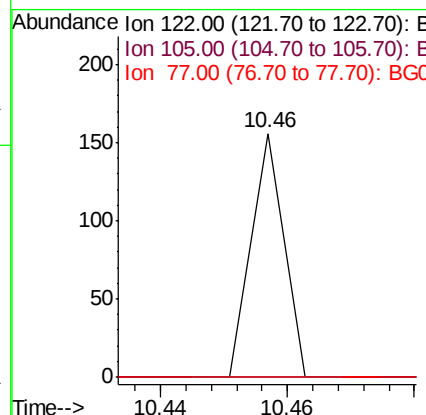
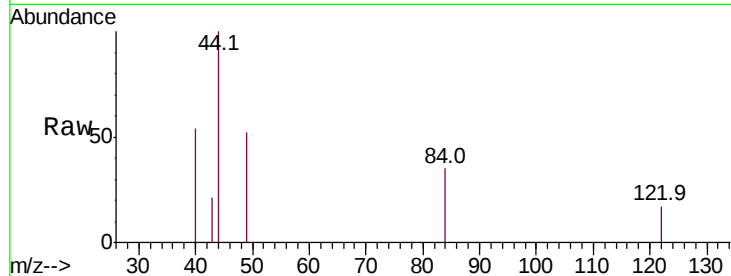




#32
Benzoic acid
Concen: 4.497 ng
RT: 10.46 min Scan# 1220
Delta R.T. 0.30 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

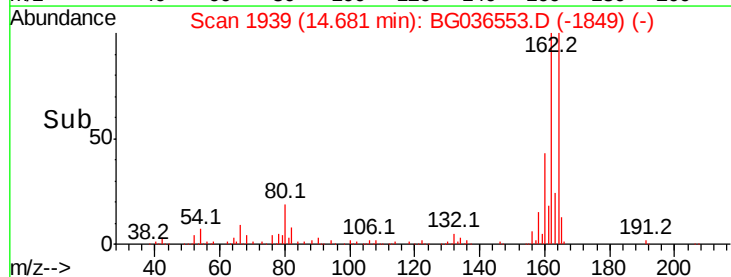
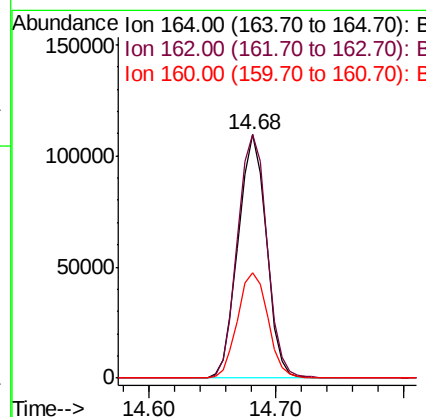
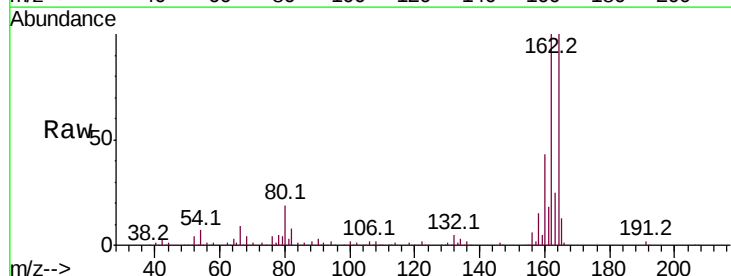
Instrument :
BNA_G
ClientSampleId :

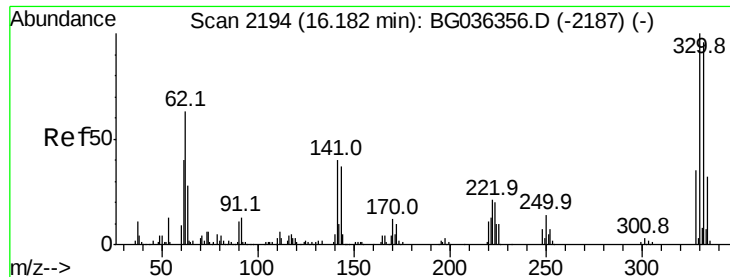
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.7	121.1
160	43.2	35.3	52.9

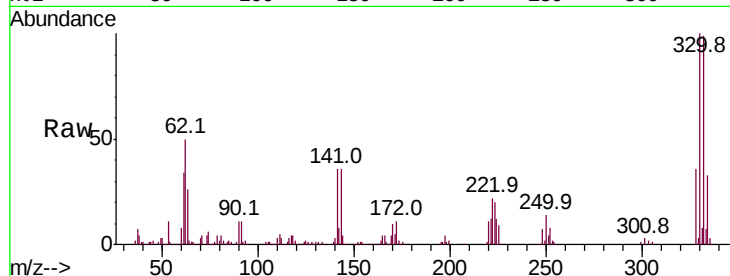




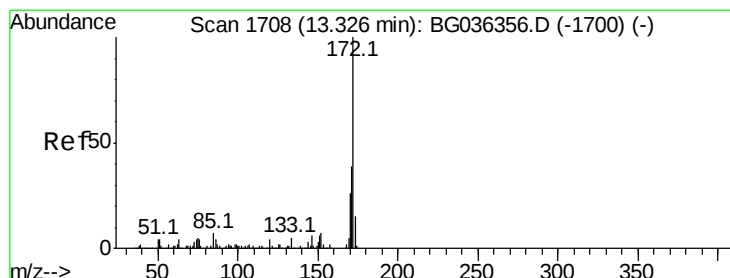
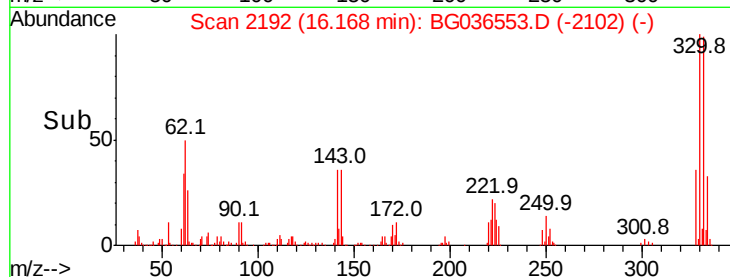
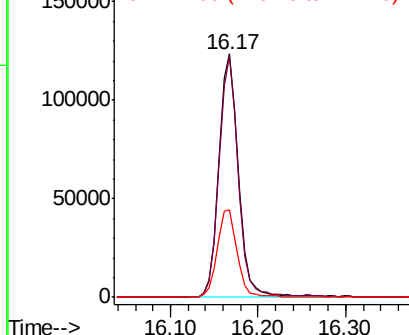
#41
 2,4,6-Tribromophenol
 Concen: 95.789 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036553.D
 Acq: 5 Sep 2018 6:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.2
141	36.3	30.7	46.1

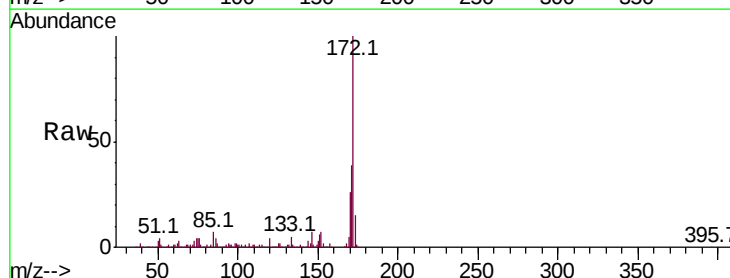


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

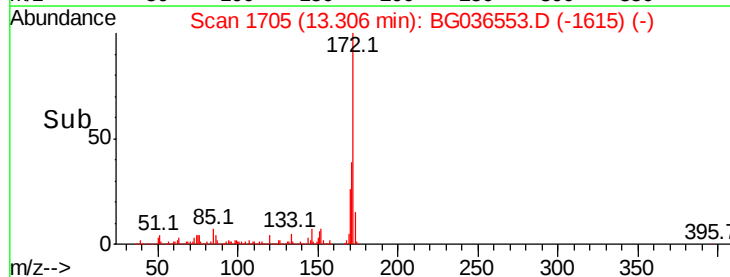
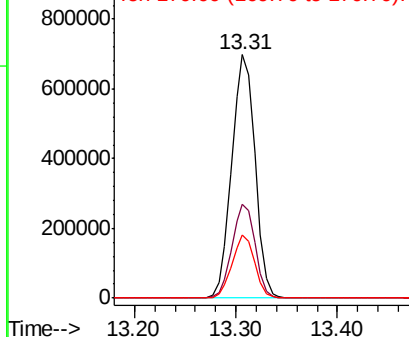


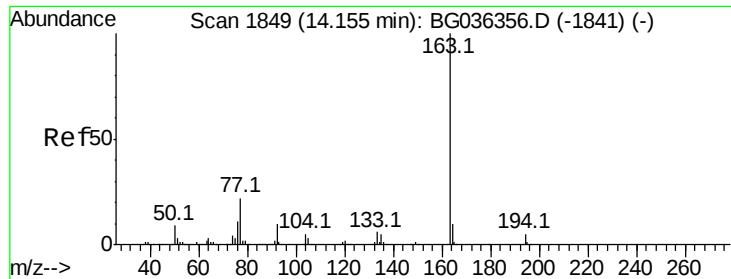
#44
 2-Fluorobiphenyl
 Concen: 93.871 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036553.D
 Acq: 5 Sep 2018 6:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	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: 3.584 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036553.D

Acq: 5 Sep 2018 6:12

Instrument :

BNA_G

ClientSampleId :

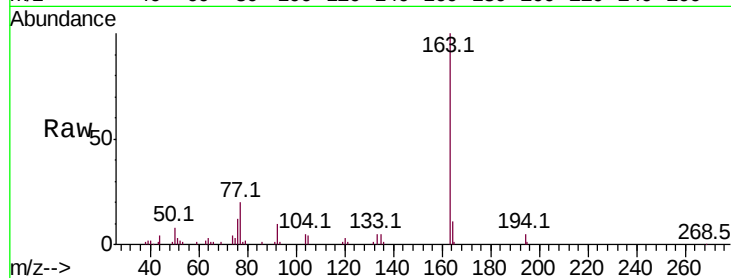
Tot Ion:163 Resp: 49564

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

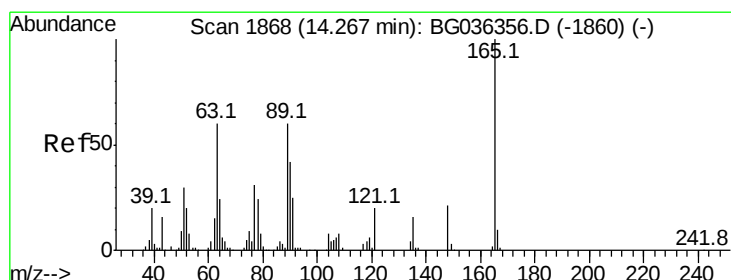
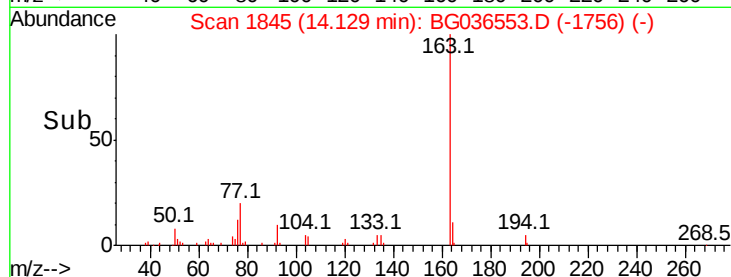
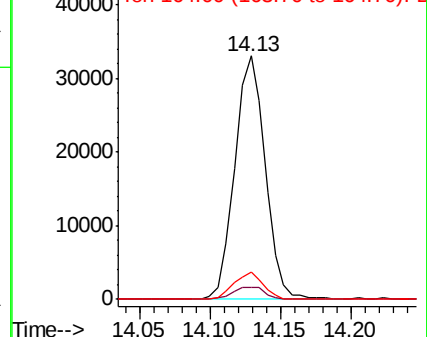
164 11.3 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 7.503 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.42 min

Lab File: BG036553.D

Acq: 5 Sep 2018 6:12

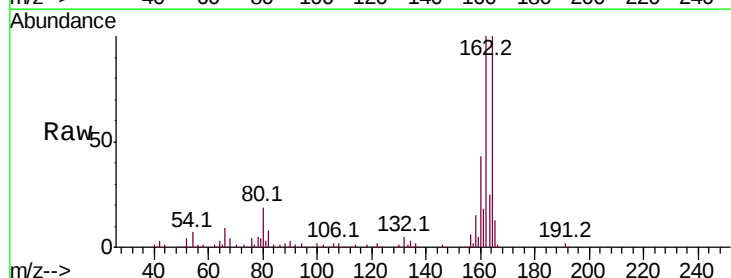
Tgt Ion:165 Resp: 21352

Ion Ratio Lower Upper

165 100

63 2.0 50.1 75.1#

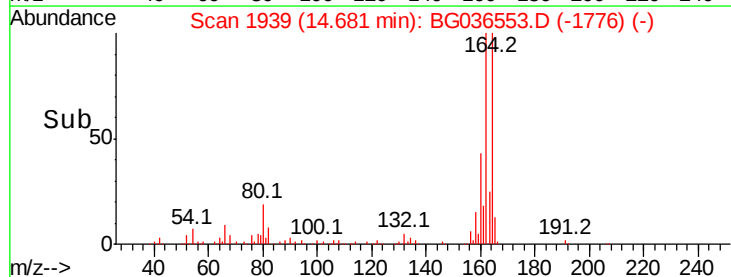
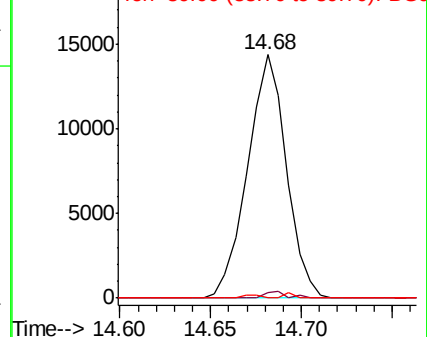
89 0.0 47.8 71.6#

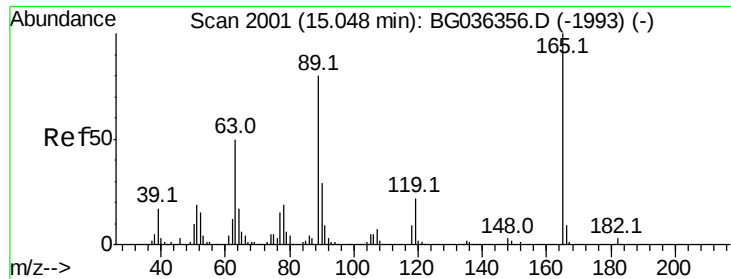


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

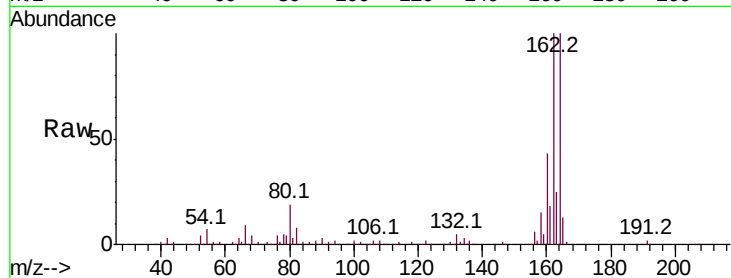




#56
 2,4-Dinitrotoluene
 Concen: 5.757 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036553.D
 Acq: 5 Sep 2018 6:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

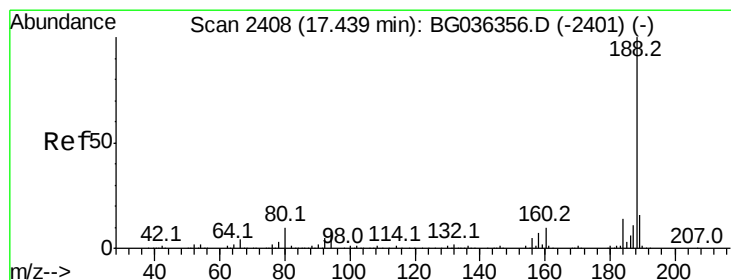
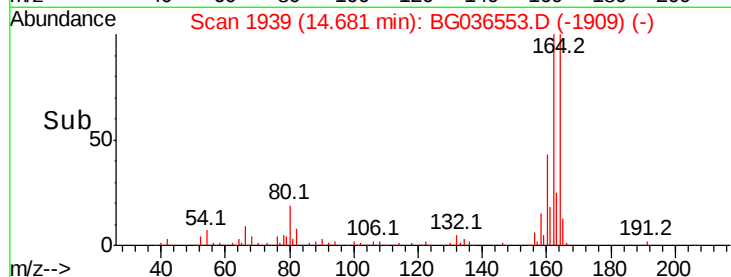
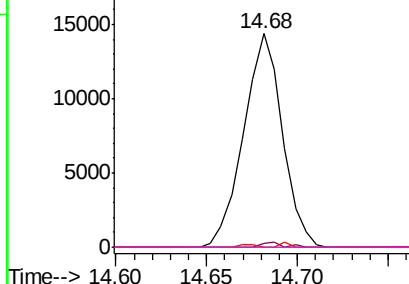


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

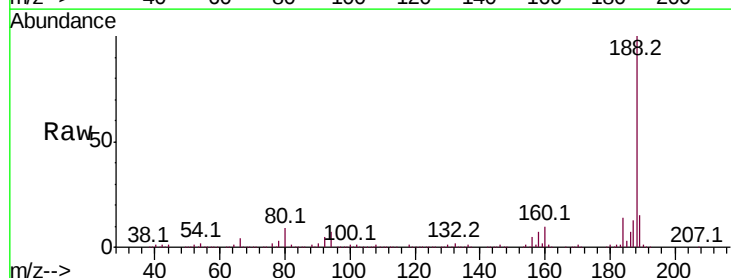
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036553.D
 Acq: 5 Sep 2018 6:12

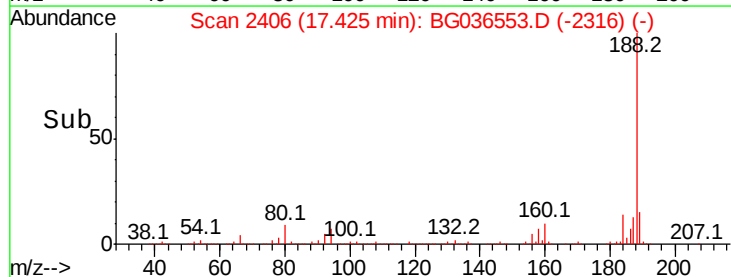
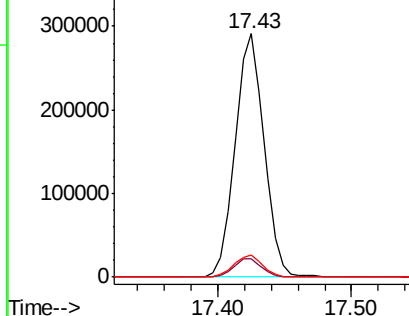
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	9.1	8.1	12.1

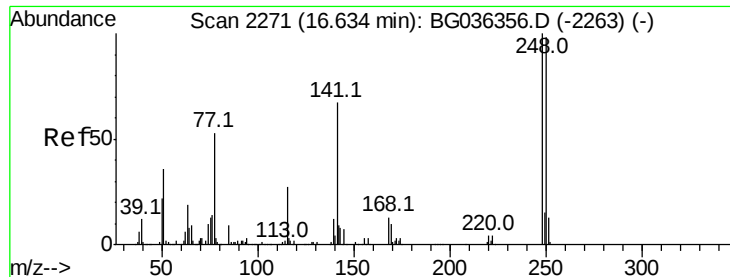


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

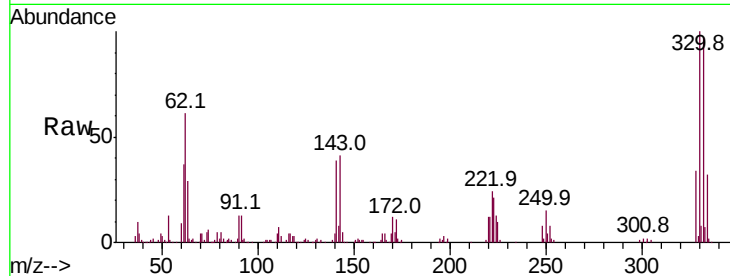




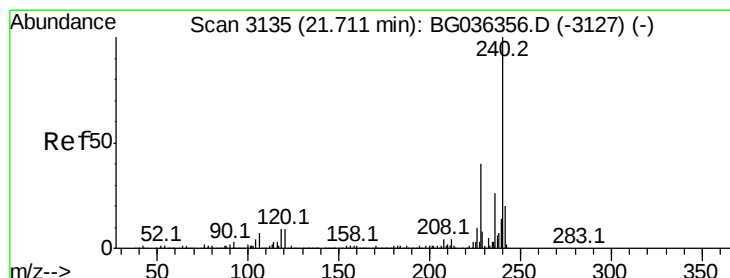
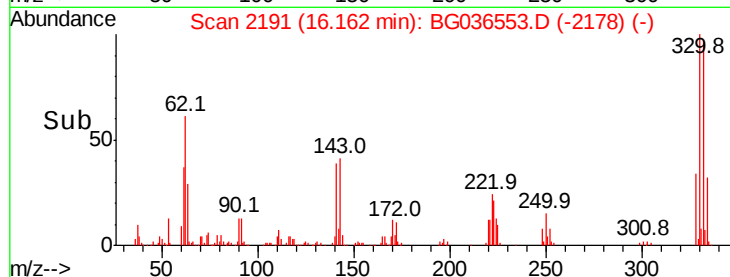
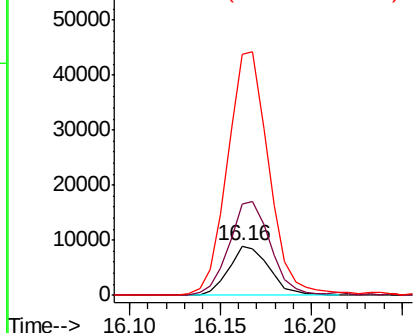
#66
4-Bromophenyl-phenylether
Concen: 2.681 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 13738
Ion Ratio Lower Upper
248 100
250 184.8 78.1 117.1#
141 491.7 53.7 80.5#

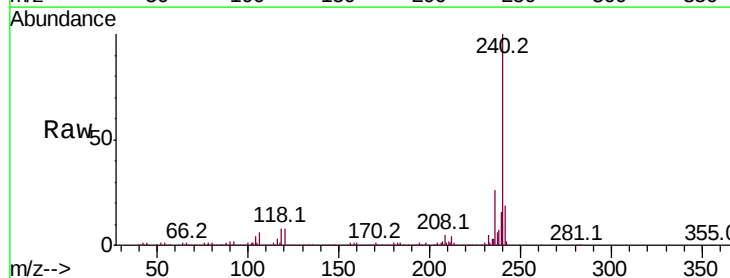


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

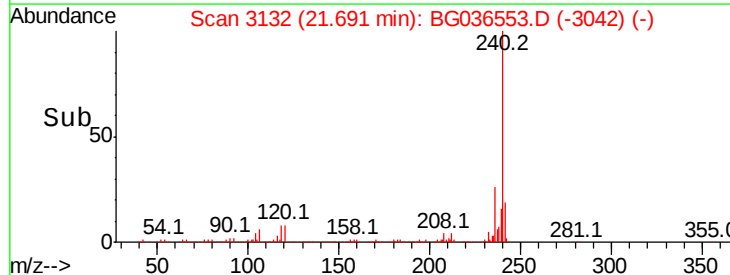
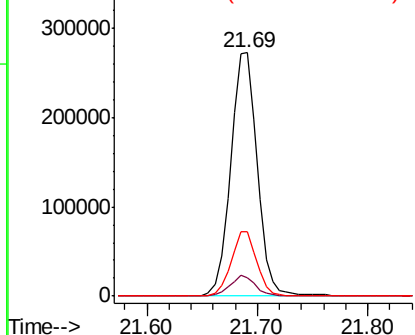


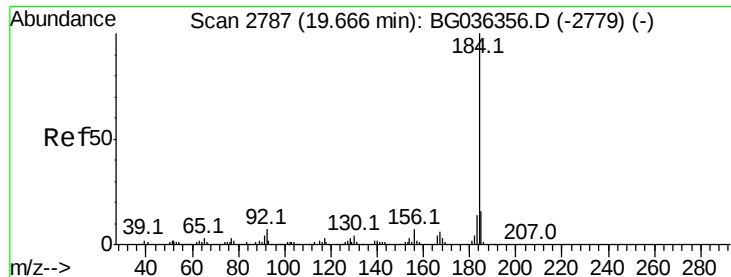
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Tgt Ion:240 Resp: 462264
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 26.2 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

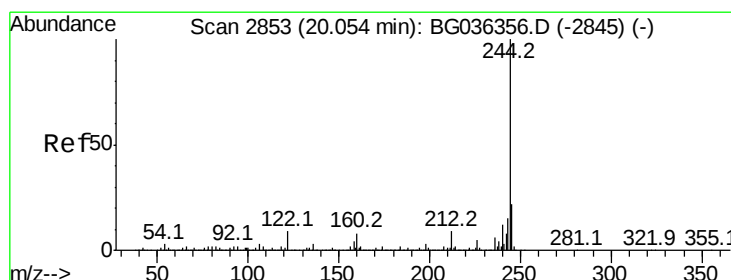
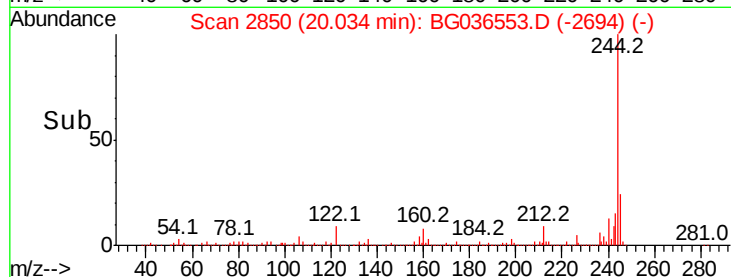
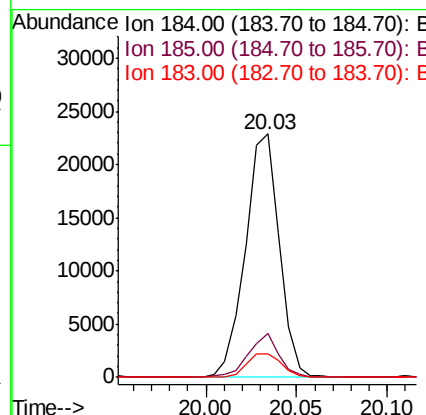
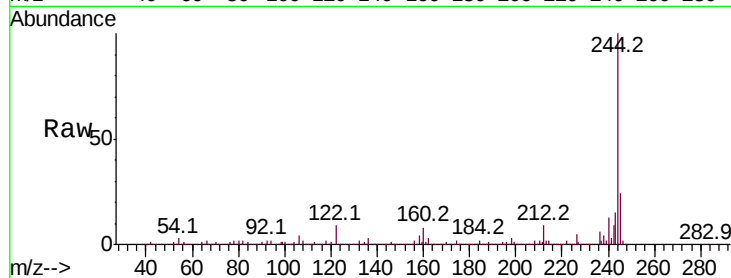




#76
Benzidine
Concen: 2.014 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.38 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

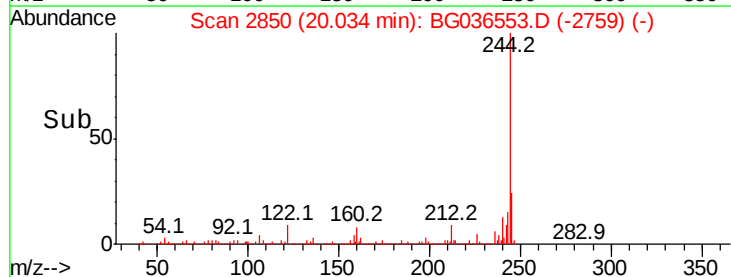
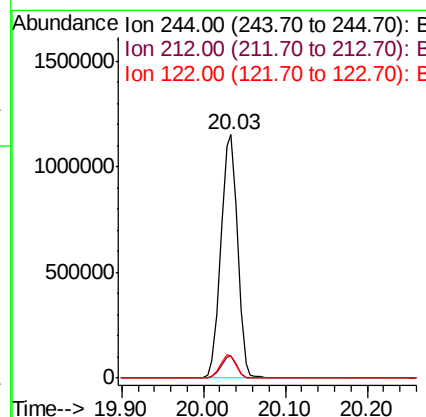
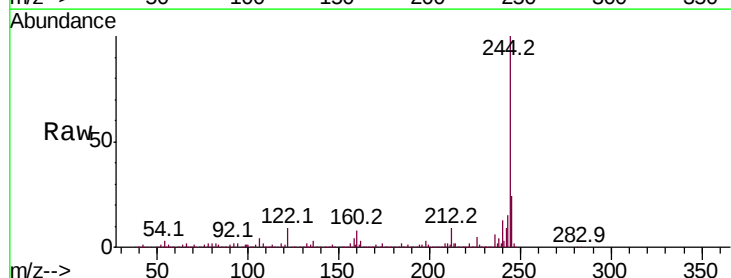
Instrument :
BNA_G
ClientSampleId :

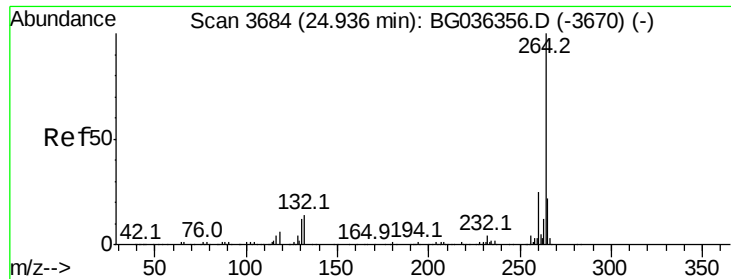
Tot Ion:184 Resp: 29707
Ion Ratio Lower Upper
184 100
185 18.1 12.6 18.8
183 9.7 10.9 16.3#



#78
Terphenyl-d14
Concen: 82.880 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Tgt Ion:244 Resp: 1639151
Ion Ratio Lower Upper
244 100
212 9.3 7.0 10.6
122 9.3 7.1 10.7





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036553.D
Acq: 5 Sep 2018 6:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	22.4	17.4	26.0

