

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036717.D
 Acq On : 14 Sep 2018 22:37
 Operator : JU/SJ
 Sample : J4892-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 02:12:13 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

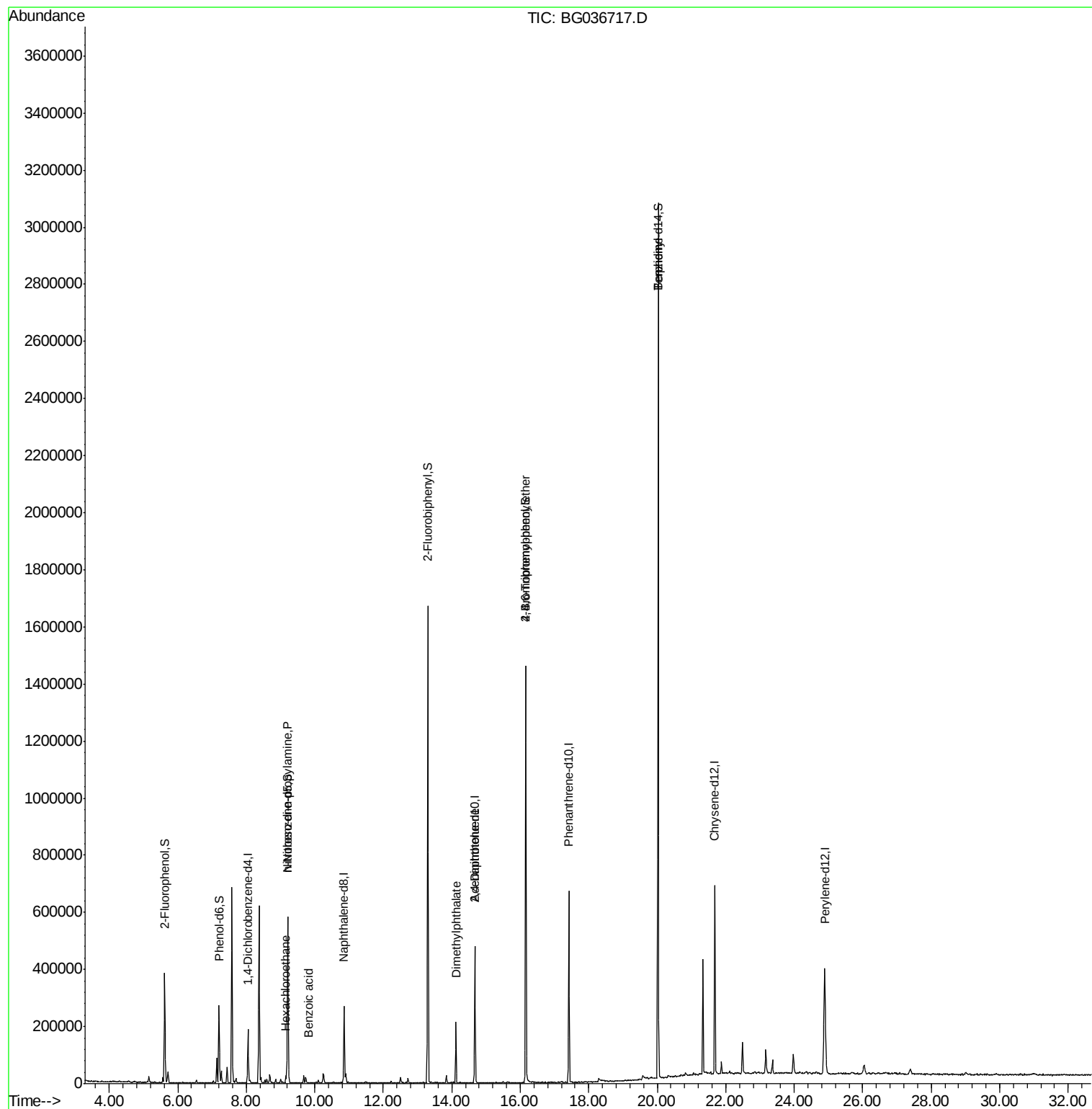
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52251	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	224784	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	158149	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	410477	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	399453	20.00	ng	-0.02
86) Perylene-d12	24.89	264	408096	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	156475	47.50	ng	0.00
7) Phenol-d6	7.21	99	137327	29.12	ng	-0.01
23) Nitrobenzene-d5	9.21	82	349557	84.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	273024	144.68	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	849270	76.67	ng	-0.01
78) Terphenyl-d14	20.03	244	1483427	86.80	ng	0.00
Target Compounds						
18) Hexachloroethane	9.16	117	3446	2.334	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	45997	13.050	ng	# 71
32) Benzoic acid	9.82	122	283	4.585	ng	# 1
49) Dimethylphthalate	14.12	163	144526	11.192	ng	99
56) 2,4-Dinitrotoluene	14.67	165	20723	5.984	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	19456	4.048	ng	# 1
76) Benzidine	20.02	184	27010	2.119	ng	# 87

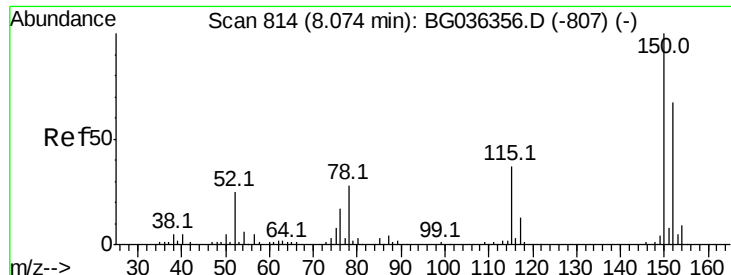
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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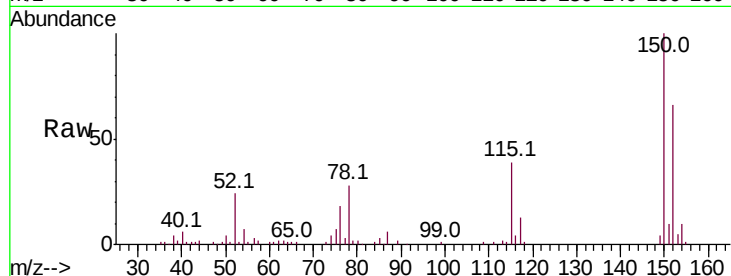


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	59.1	44.5	66.7

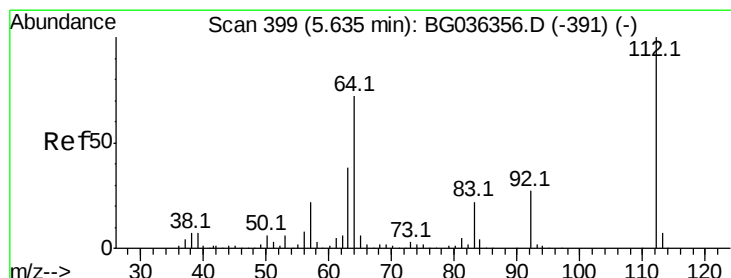
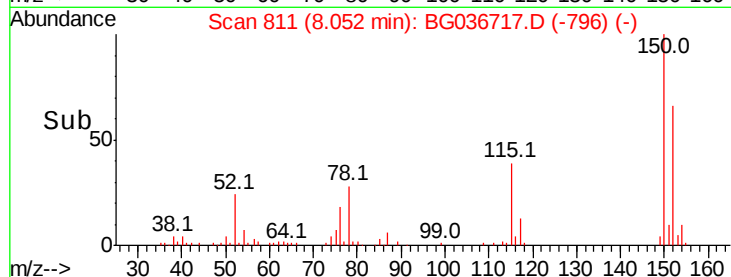
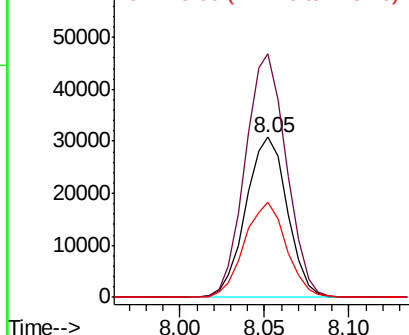


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

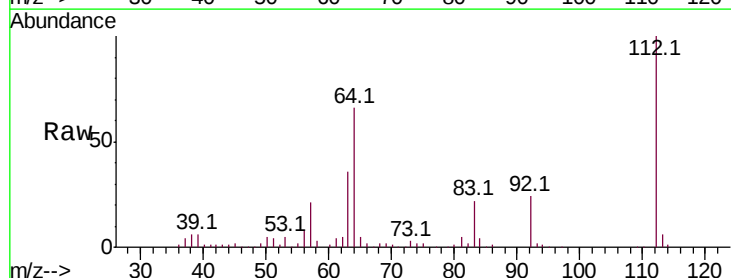
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.504 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	57.2	85.8
63	35.6	30.8	46.2

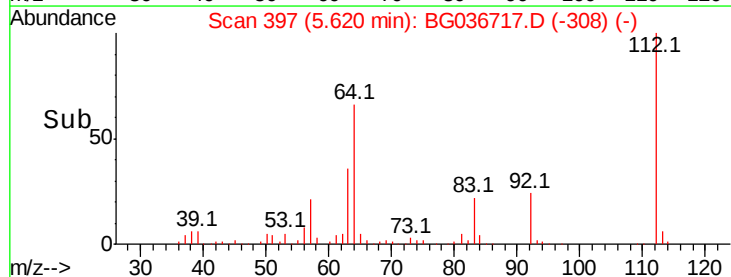
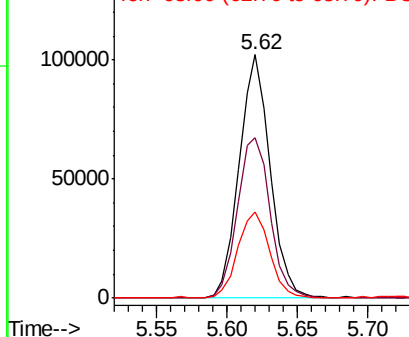


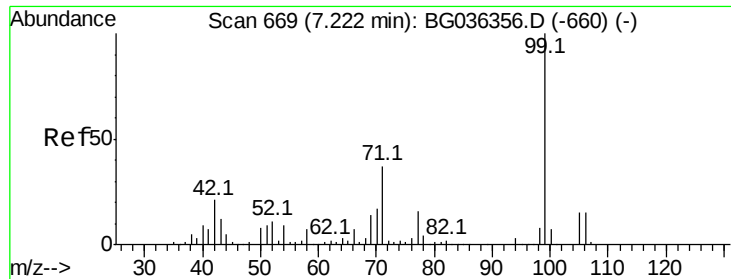
Abundance

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: 29.119 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036717.D

Acq: 14 Sep 2018 22:37

Instrument :

BNA_G

ClientSampled :

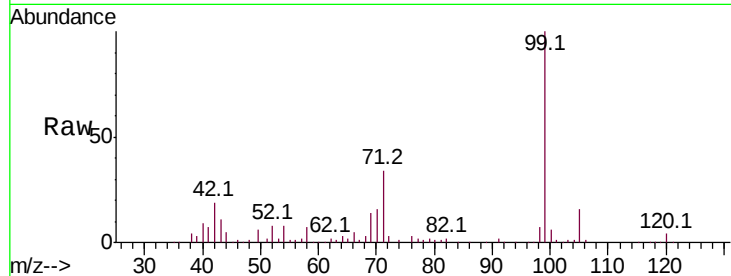
Tot Ion: 99 Resp: 137327

Ion Ratio Lower Upper

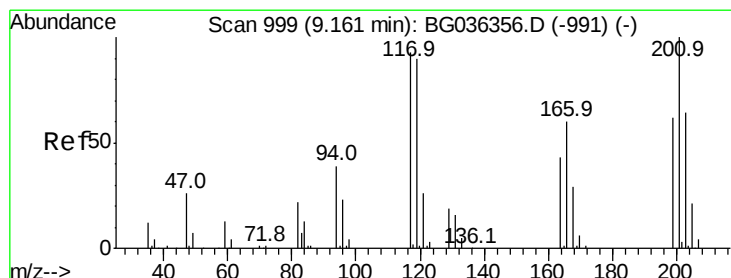
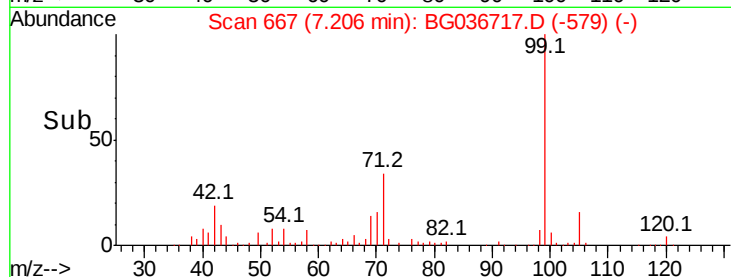
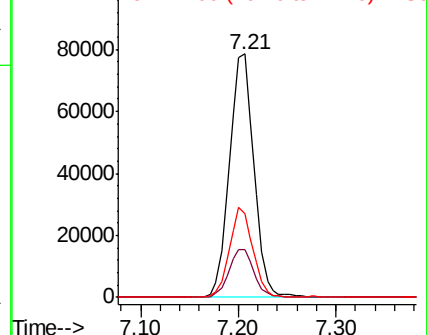
99 100

42 19.5 16.5 24.7

71 34.2 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



#18

Hexachloroethane

Concen: 2.334 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.01 min

Lab File: BG036717.D

Acq: 14 Sep 2018 22:37

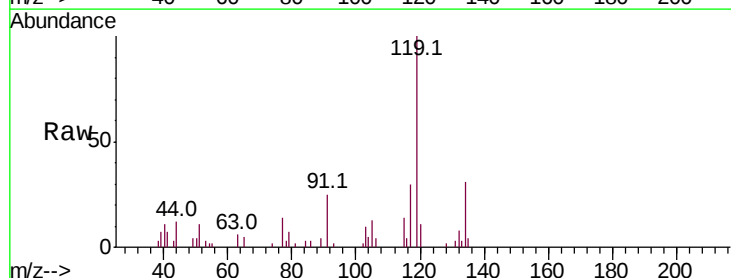
Tgt Ion: 117 Resp: 3446

Ion Ratio Lower Upper

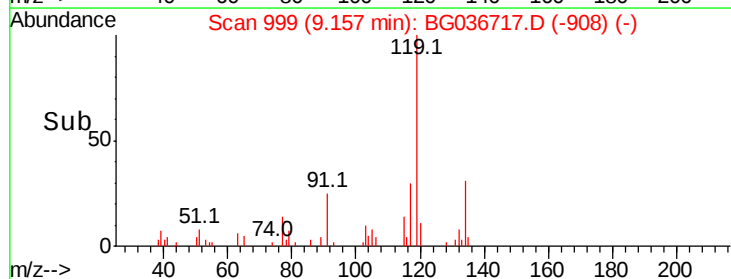
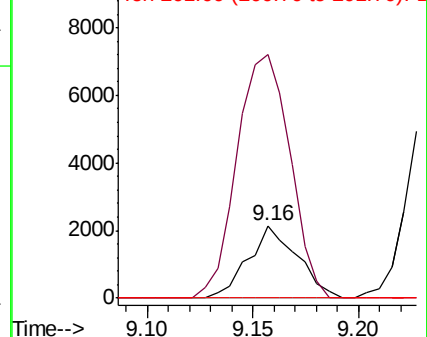
117 100

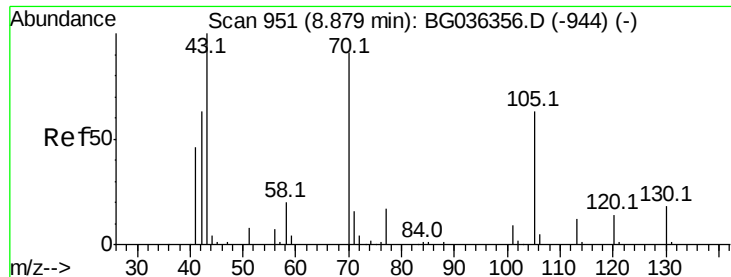
119 337.0 76.8 115.2#

201 0.0 85.7 128.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

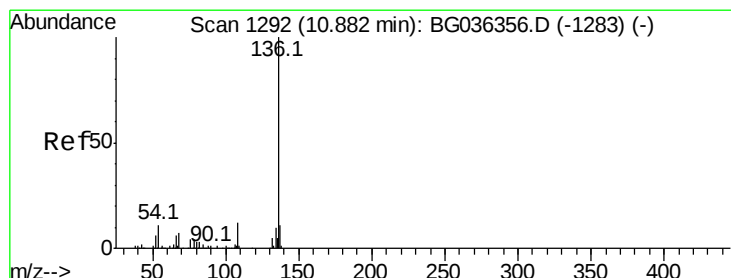
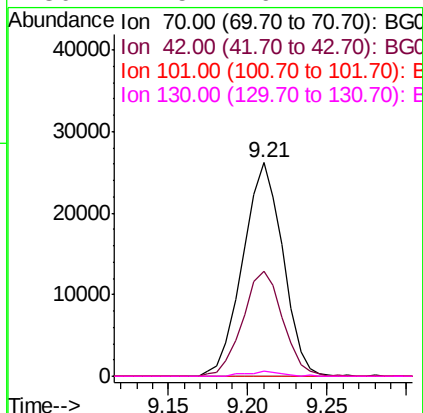
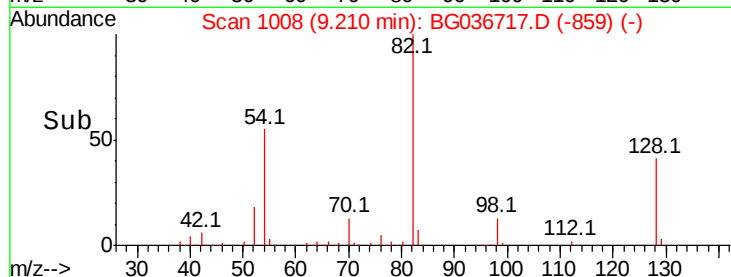
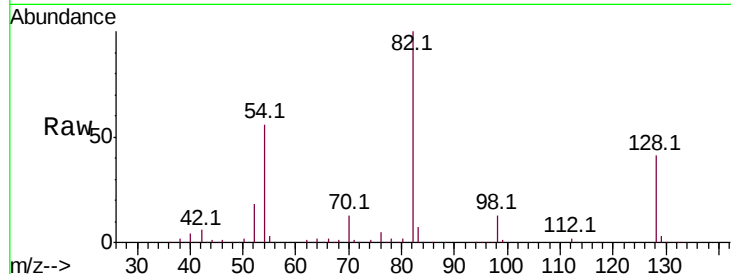




#19
n-Nitroso-di-n-propylamine
Concen: 13.050 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.35 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

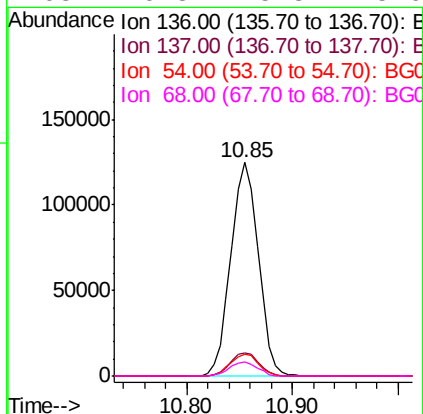
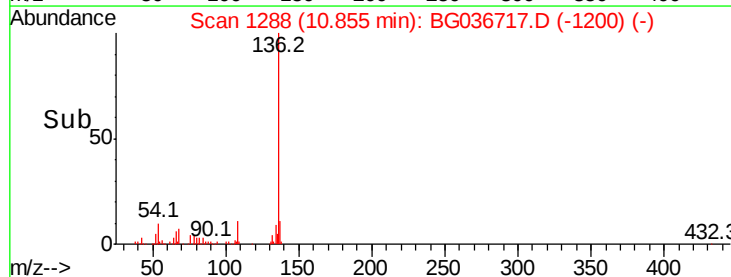
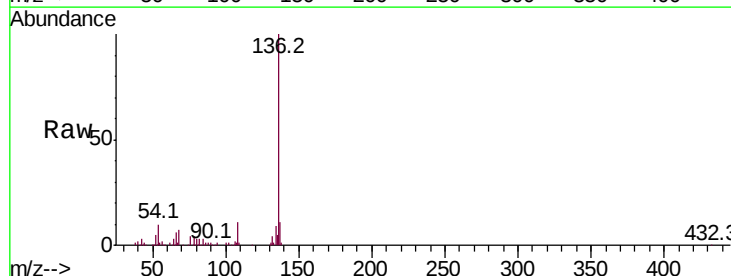
Instrument :
BNA_G
ClientSampled :

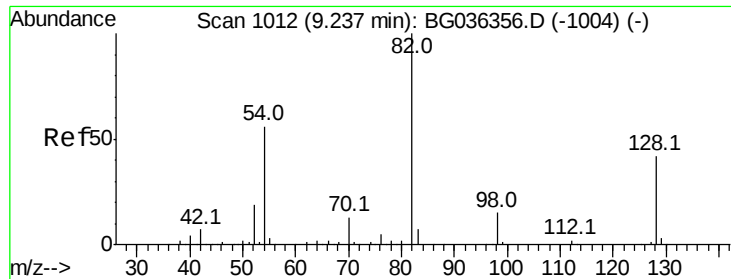
Tot Ion: 70 Resp: 45997
Ion Ratio Lower Upper
70 100
42 48.9 56.2 84.4#
101 0.0 7.8 11.6#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:136 Resp: 224784
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.2 9.2 13.8
68 6.8 5.8 8.6

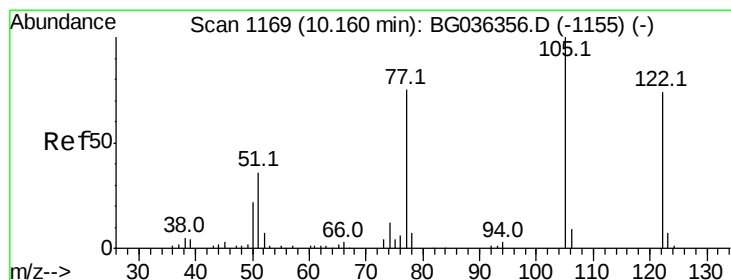
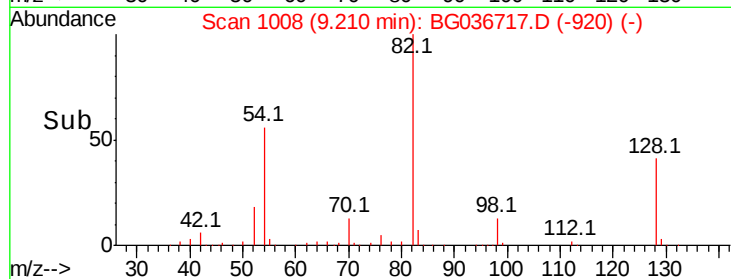
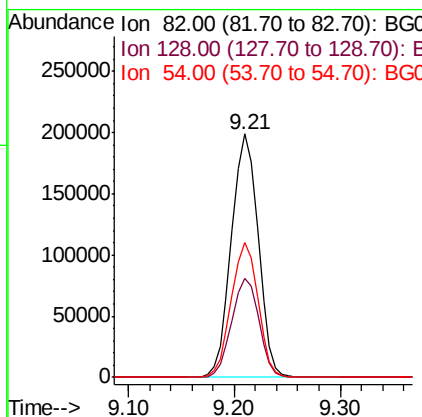
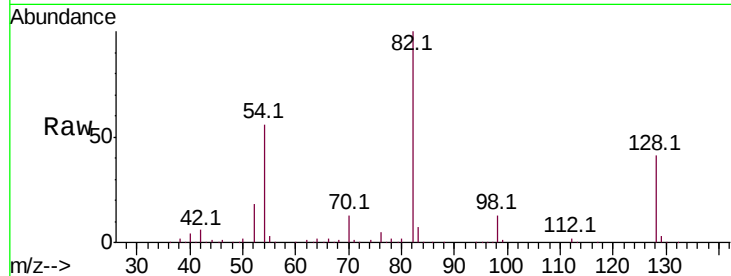




#23
 Nitrobenzene-d5
 Concen: 84.373 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036717.D
 Acq: 14 Sep 2018 22:37

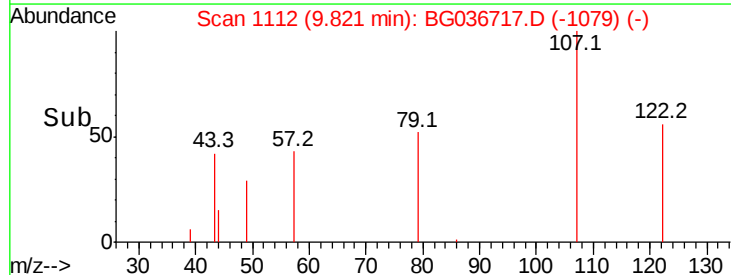
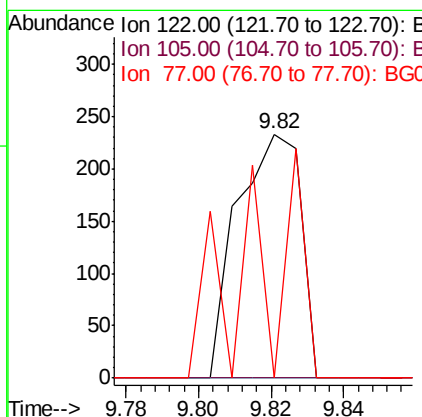
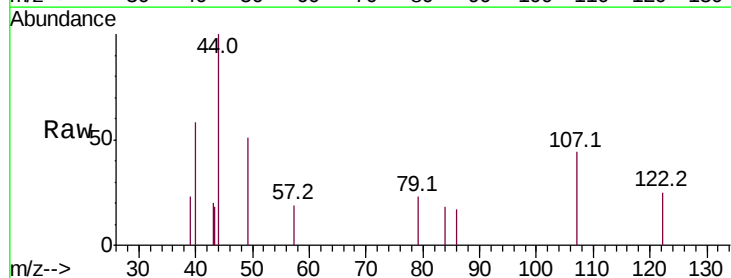
Instrument :
 BNA_G
 ClientSampleId :

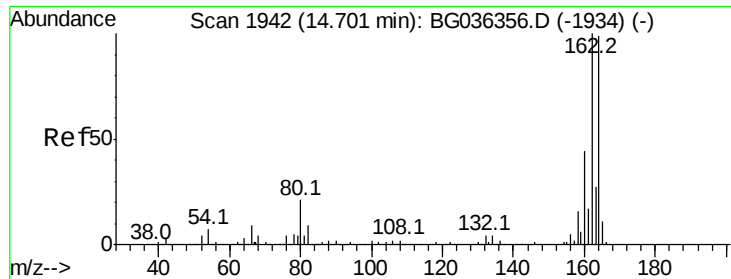
Tot Ion	82	Resp	349557
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	55.5	45.1	67.7



#32
 Benzoic acid
 Concen: 4.585 ng
 RT: 9.82 min Scan# 1112
 Delta R.T. -0.33 min
 Lab File: BG036717.D
 Acq: 14 Sep 2018 22:37

Tgt Ion	122	Resp	283
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: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036717.D

Acq: 14 Sep 2018 22:37

Instrument :

BNA_G

ClientSampled :

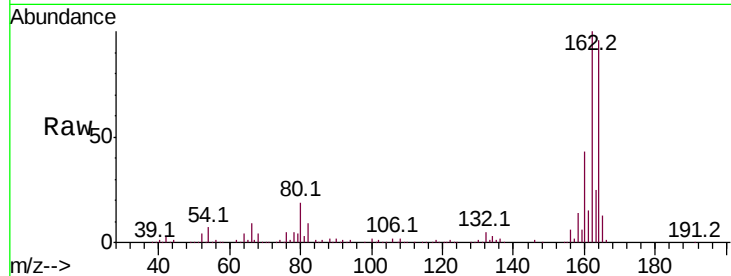
Tot Ion:164 Resp: 158149

Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

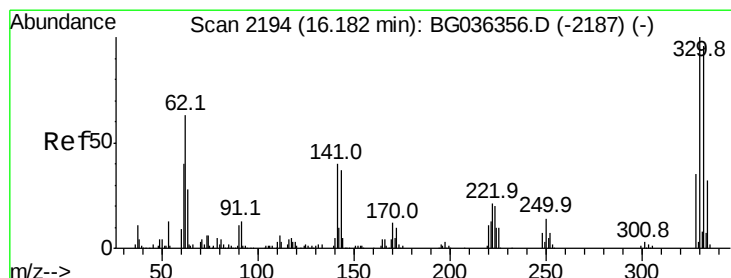
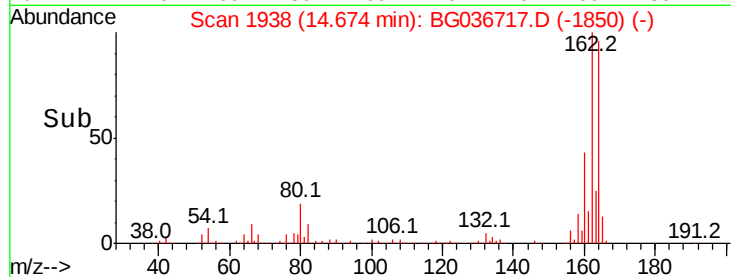
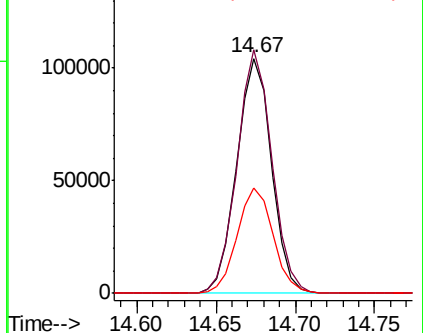
160 45.1 35.3 52.9



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: 144.681 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036717.D

Acq: 14 Sep 2018 22:37

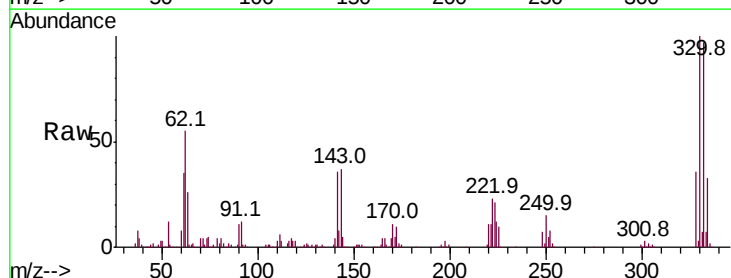
Tgt Ion:330 Resp: 273024

Ion Ratio Lower Upper

330 100

332 97.4 75.4 113.2

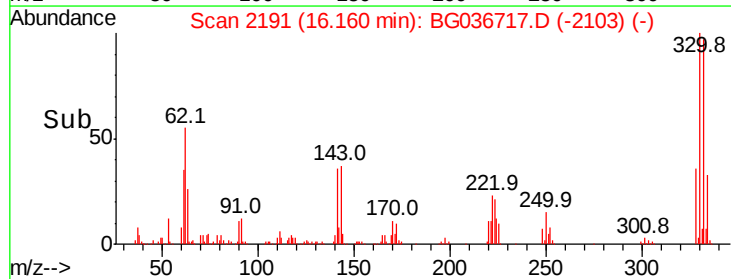
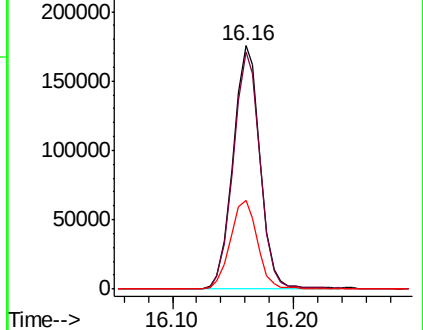
141 36.6 30.7 46.1

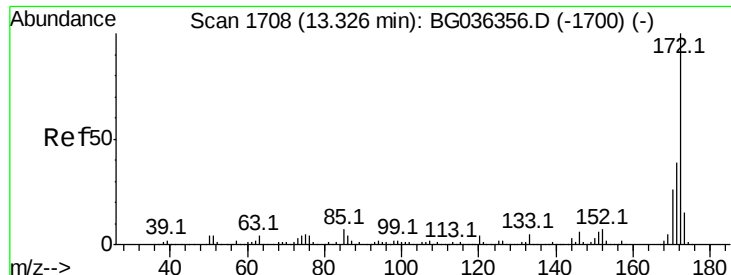


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

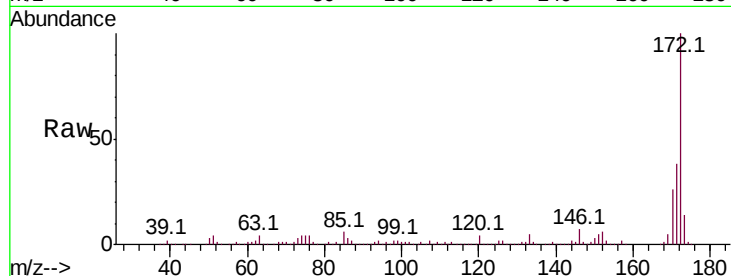




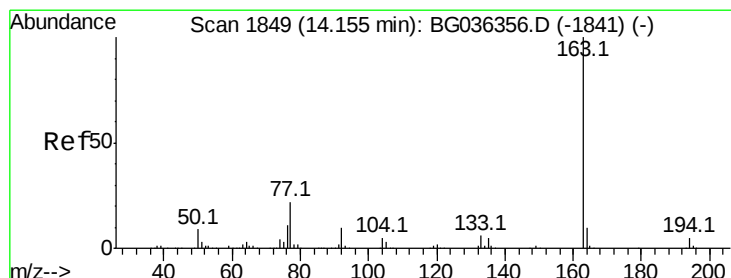
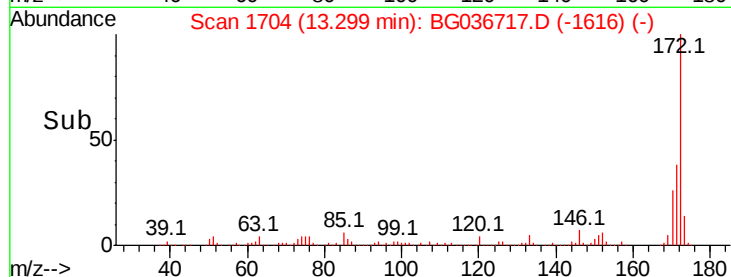
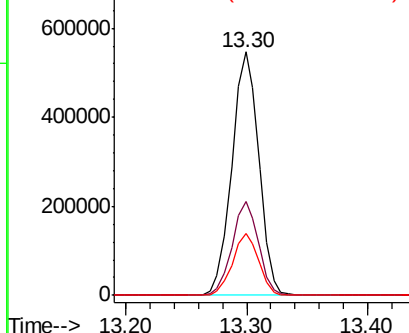
#44
2-Fluorobiphenyl
Concen: 76.675 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 849270
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 25.5 21.0 31.6

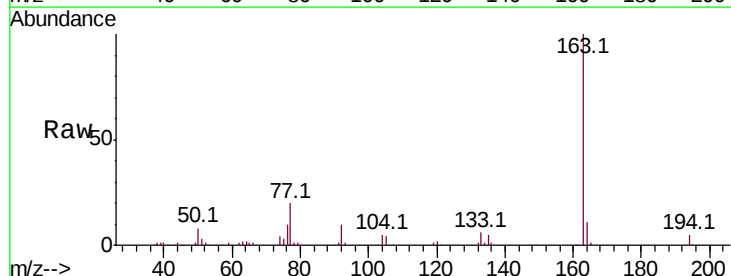


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

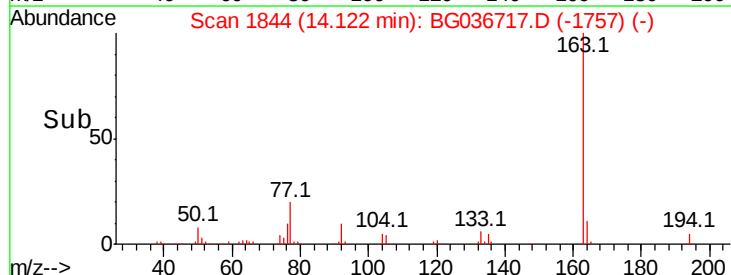
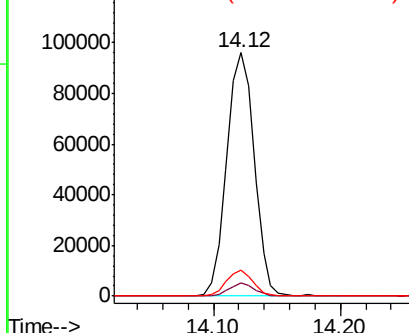


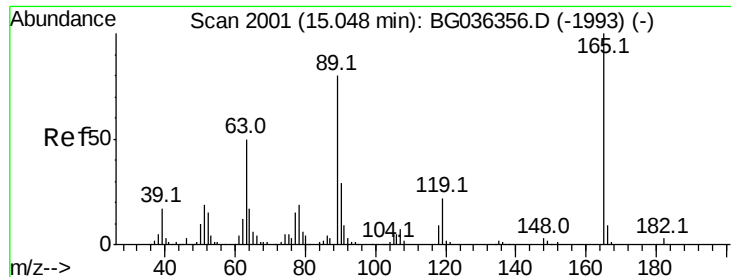
#49
Dimethylphthalate
Concen: 11.192 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:163 Resp: 144526
Ion Ratio Lower Upper
163 100
194 5.3 4.0 6.0
164 10.7 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

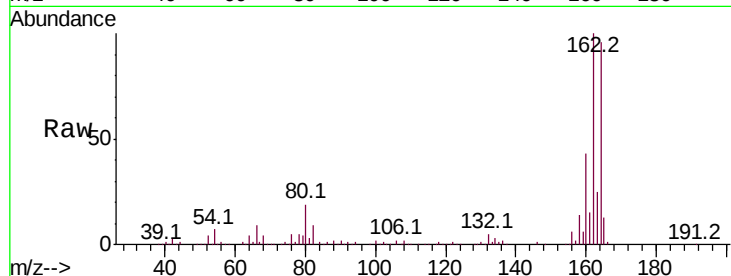




#56
 2,4-Dinitrotoluene
 Concen: 5.984 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036717.D
 Acq: 14 Sep 2018 22:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp: 20723
Ion Ratio	Lower Upper
165 100	
63 1.6	40.1 60.1#
89 2.7	63.7 95.5#
182 0.0	2.5 3.7#

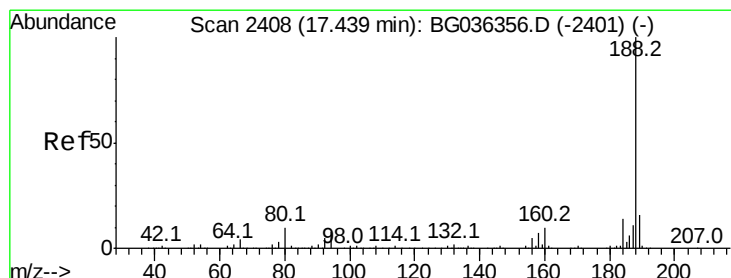
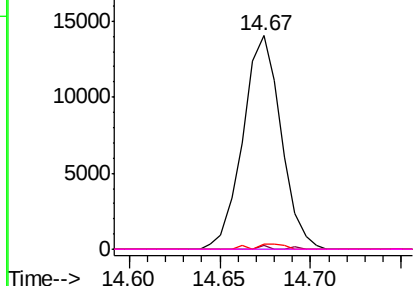
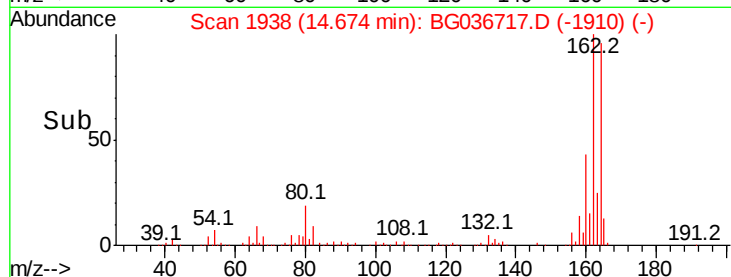


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

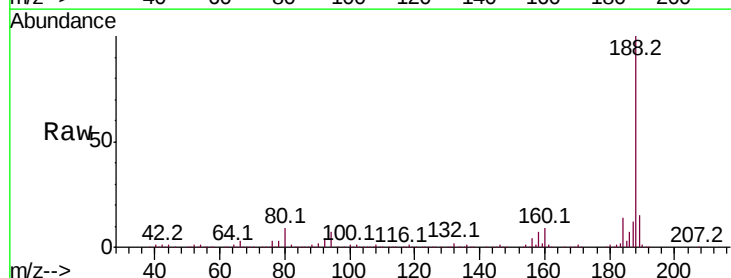
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036717.D
 Acq: 14 Sep 2018 22:37

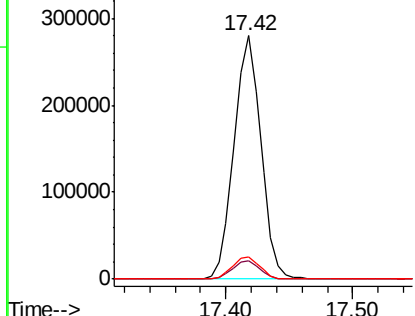
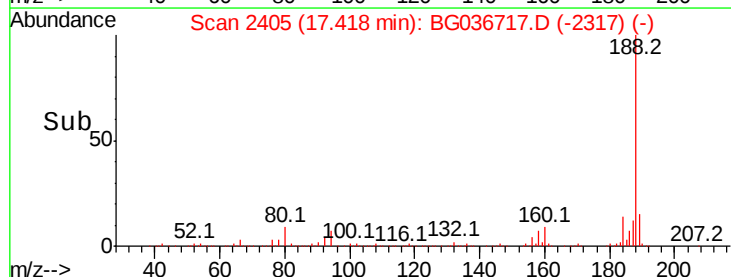
Tgt	Ion:188	Resp:	410477
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	9.2	8.1	12.1

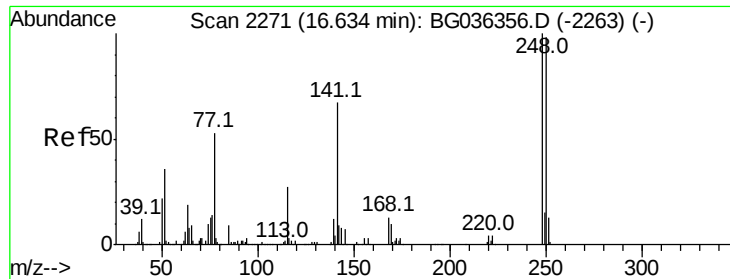


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

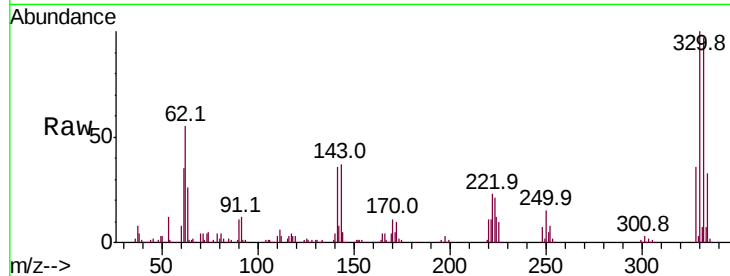




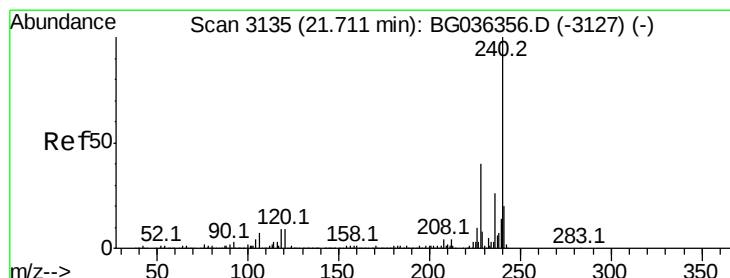
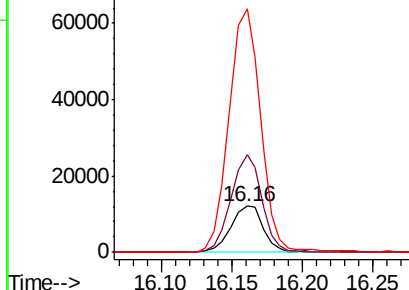
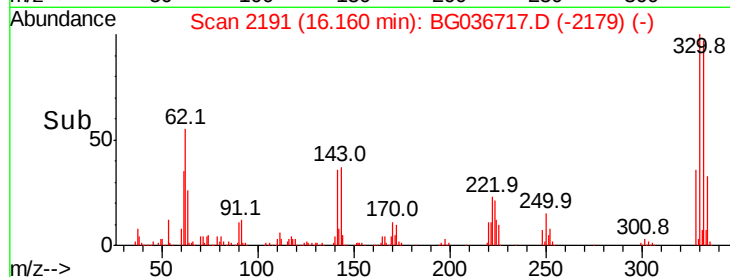
#66
4-Bromophenyl-phenylether
Concen: 4.048 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19456
Ion Ratio Lower Upper
248 100
250 211.2 78.1 117.1#
141 528.8 53.7 80.5#

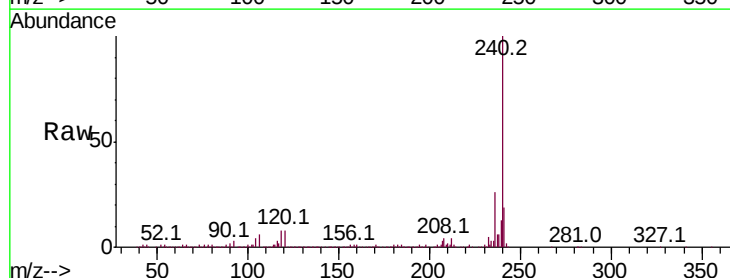


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

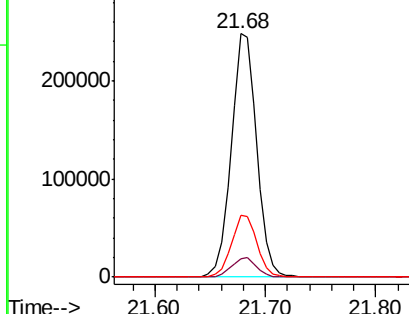
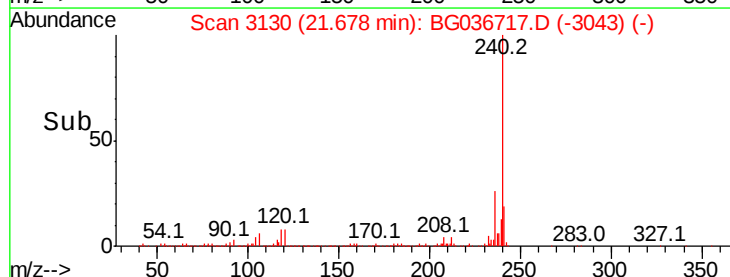


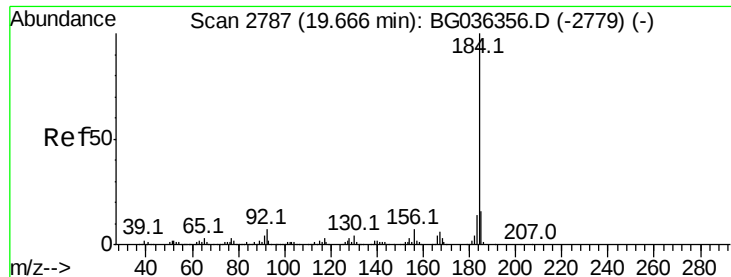
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Tgt Ion:240 Resp: 399453
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 25.6 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: 2.119 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036717.D

Acq: 14 Sep 2018 22:37

Instrument :

BNA_G

ClientSampled :

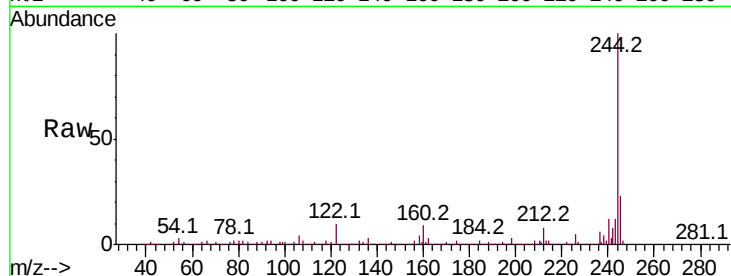
Tot Ion:184 Resp: 27010

Ion Ratio Lower Upper

184 100

185 20.3 12.6 18.8#

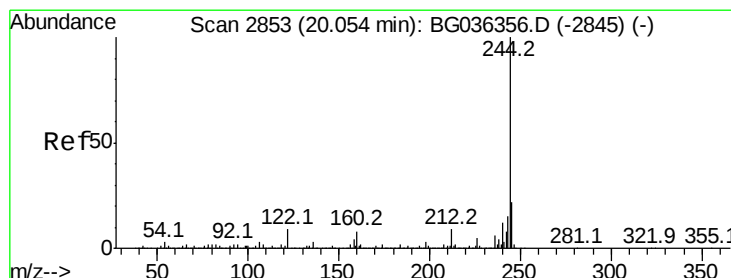
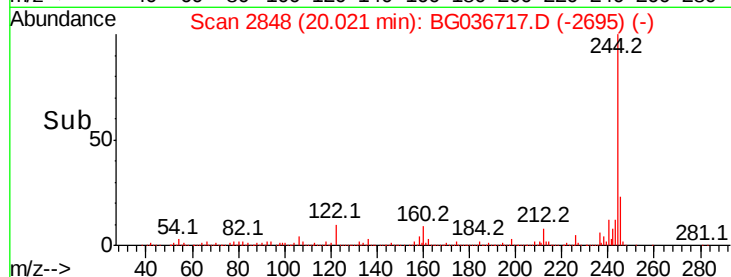
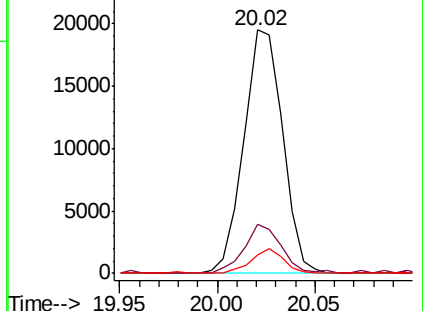
183 7.5 10.9 16.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 86.801 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036717.D

Acq: 14 Sep 2018 22:37

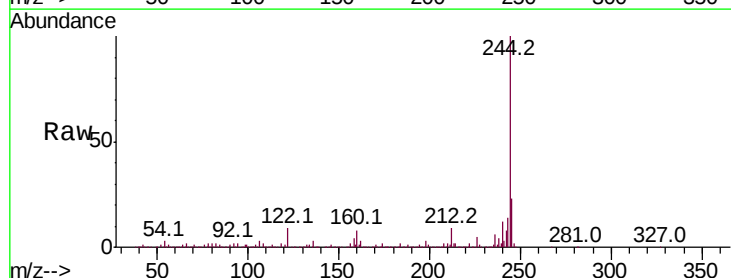
Tgt Ion:244 Resp: 1483427

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

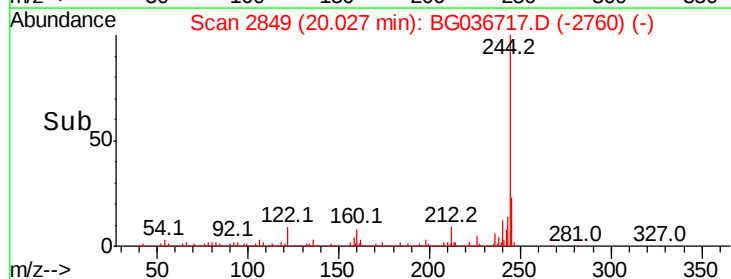
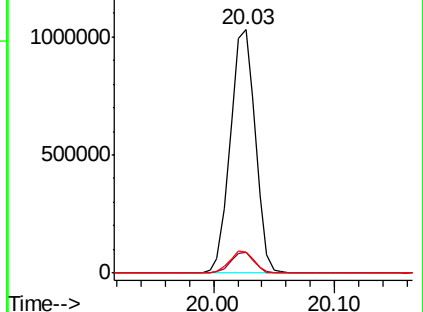
122 8.7 7.1 10.7

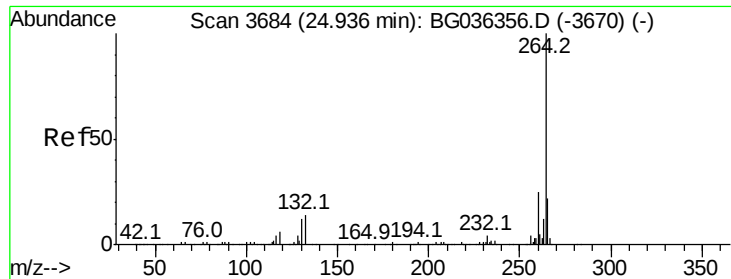


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3676
Delta R.T. -0.02 min
Lab File: BG036717.D
Acq: 14 Sep 2018 22:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.3	17.4	26.0

