

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036723.D
 Acq On : 15 Sep 2018 2:33
 Operator : JU/SJ
 Sample : J4892-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 03:06:56 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

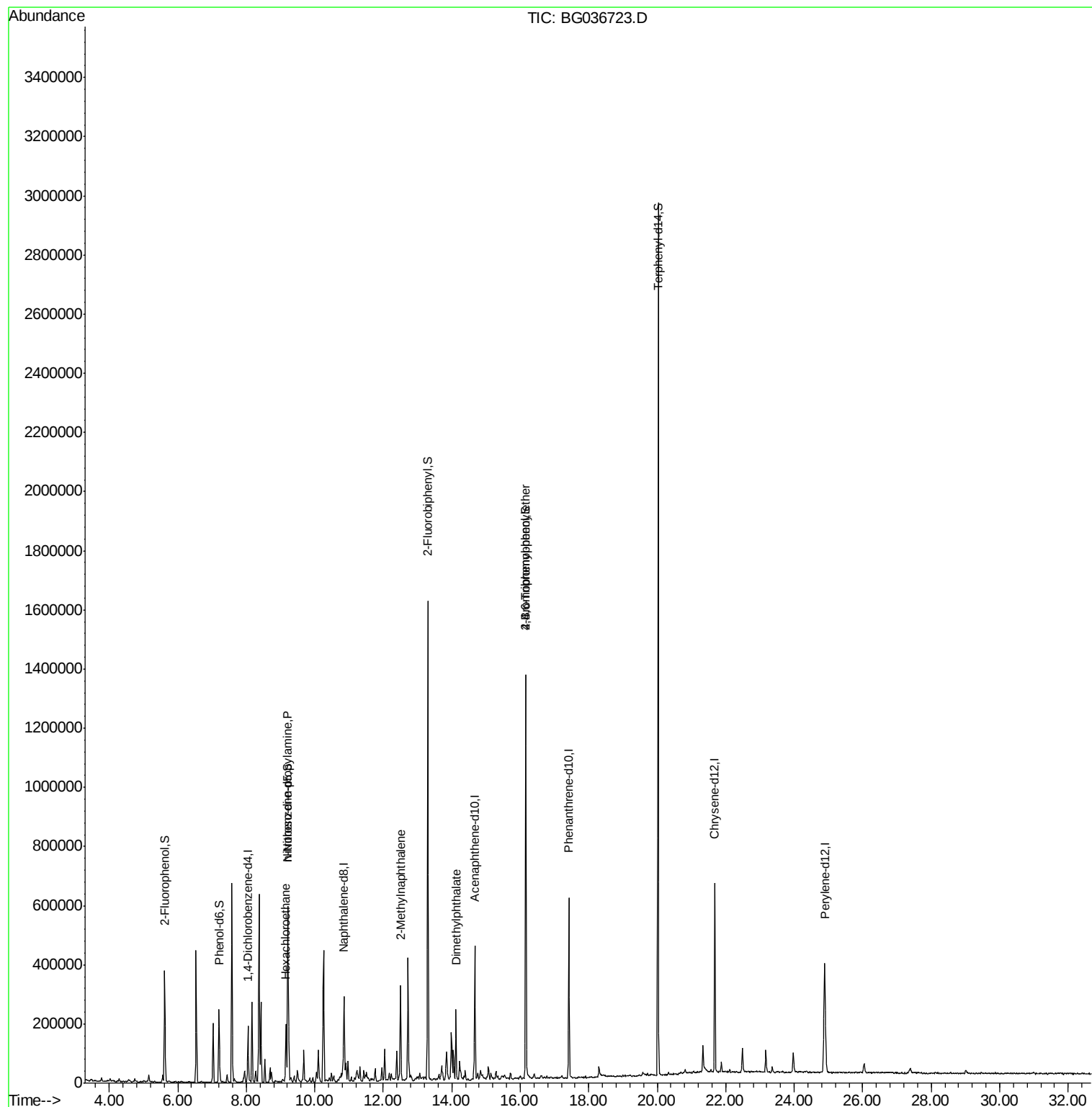
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53040	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	218319	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	151469	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	383391	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	389300	20.00	ng	-0.02
86) Perylene-d12	24.89	264	407158	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	160563	48.02	ng	0.00
7) Phenol-d6	7.20	99	140165	29.28	ng	-0.02
23) Nitrobenzene-d5	9.21	82	354548	88.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	255849	141.56	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	814942	76.82	ng	-0.01
78) Terphenyl-d14	20.03	244	1416266	85.03	ng	0.00
Target Compounds						
18) Hexachloroethane	9.16	117	34660	23.126	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	49614	13.867	ng	# 73
37) 2-Methylnaphthalene	12.51	142	150927	18.900	ng	99
49) Dimethylphthalate	14.12	163	155557	12.577	ng	100
66) 4-Bromophenyl-phenylether	16.16	248	17877	3.983	ng	# 1

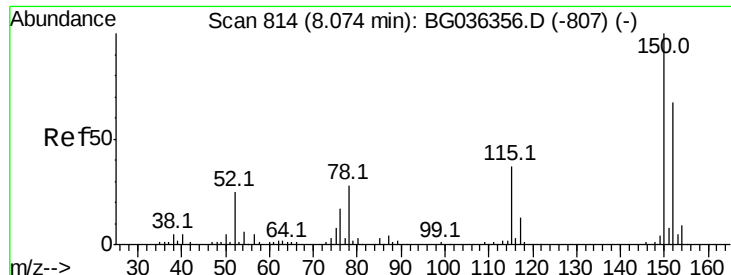
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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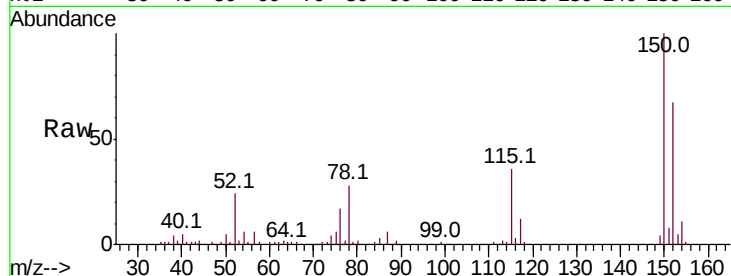


#1

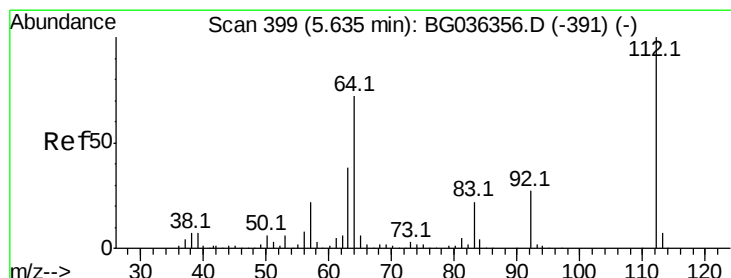
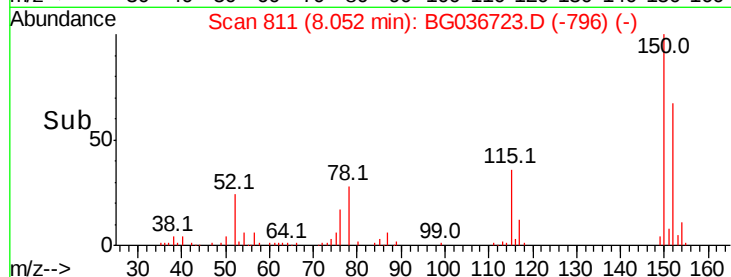
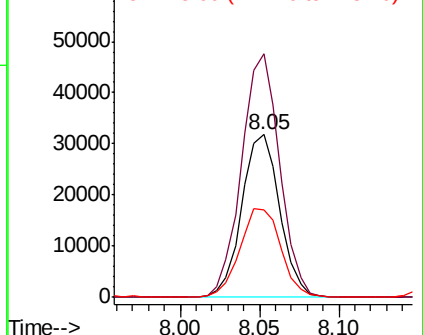
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036723.D
Acq: 15 Sep 2018 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	54.0	44.5	66.7



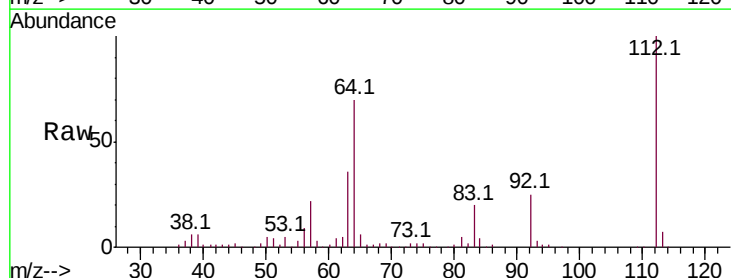
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



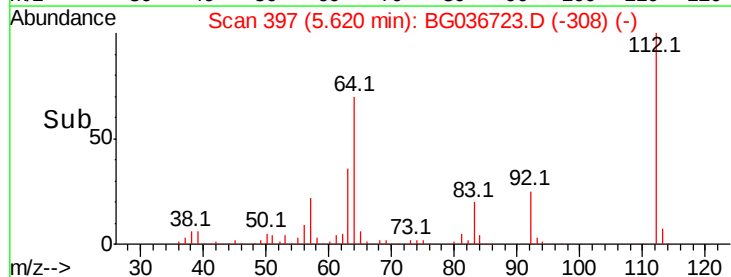
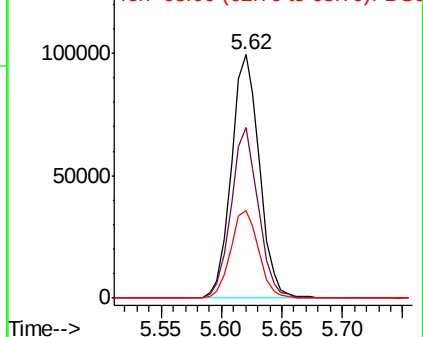
#5

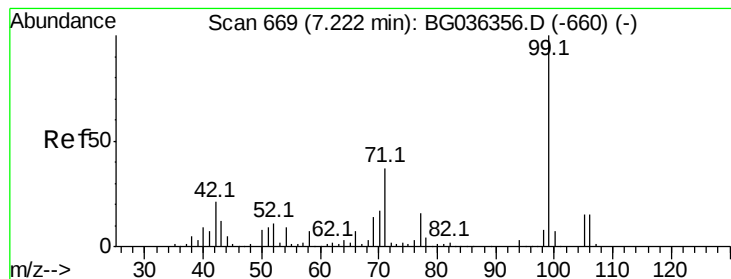
2-Fluorophenol
Concen: 48.020 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036723.D
Acq: 15 Sep 2018 2:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.2	85.8
63	36.1	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: 29.279 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

Instrument :

BNA_G

ClientSampleId :

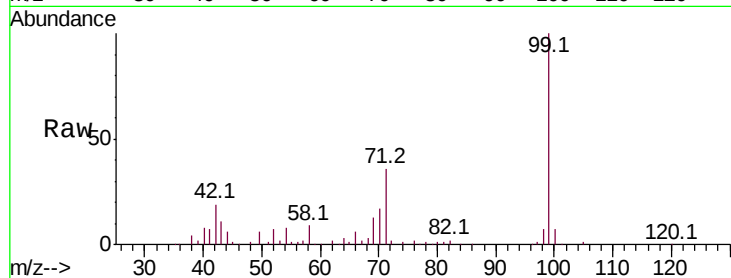
Tot Ion: 99 Resp: 140165

Ion Ratio Lower Upper

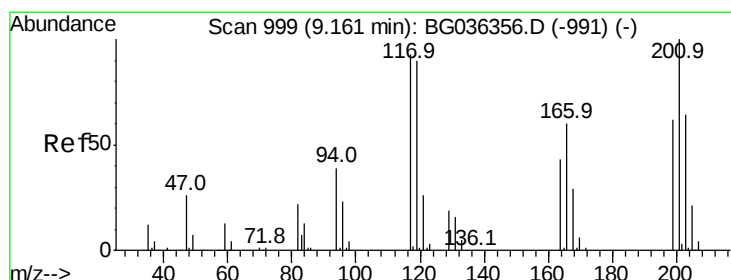
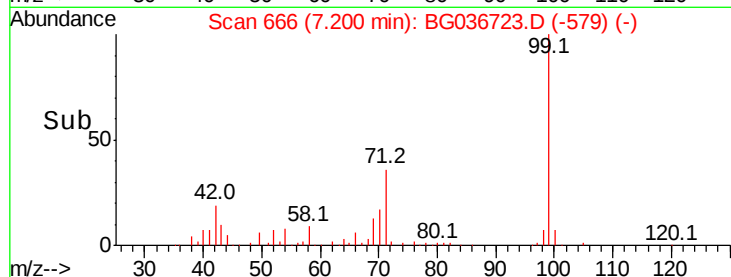
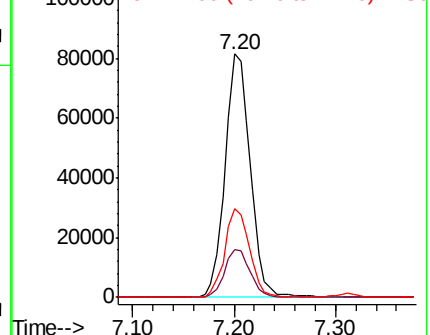
99 100

42 19.4 16.5 24.7

71 36.5 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: 23.126 ng

RT: 9.16 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

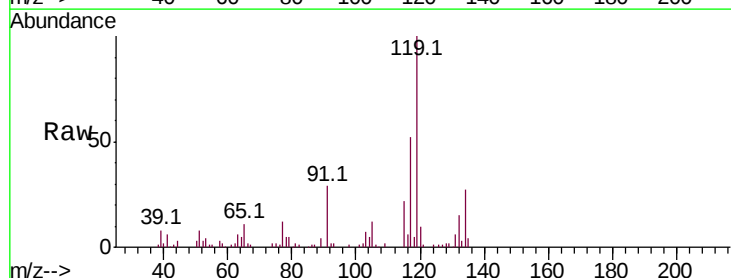
Tgt Ion: 117 Resp: 34660

Ion Ratio Lower Upper

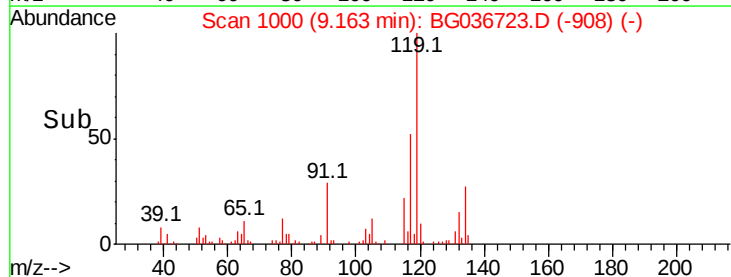
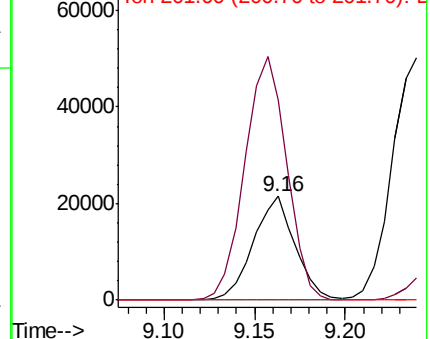
117 100

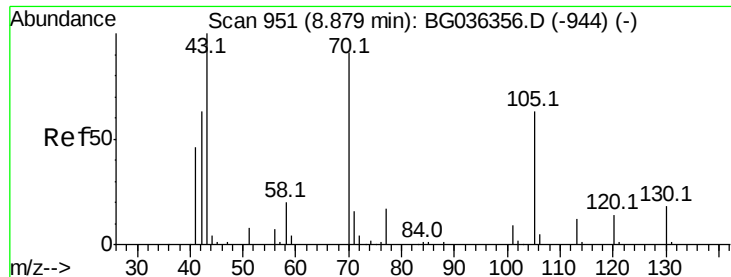
119 192.1 76.8 115.2#

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: 13.867 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 49614

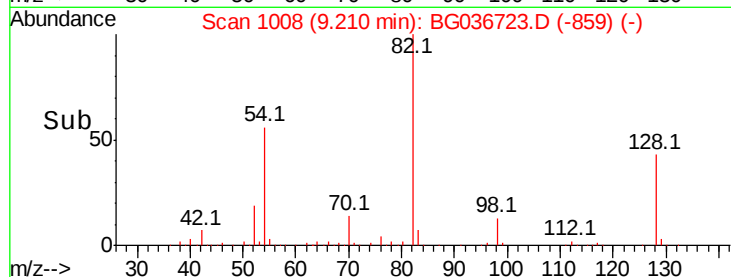
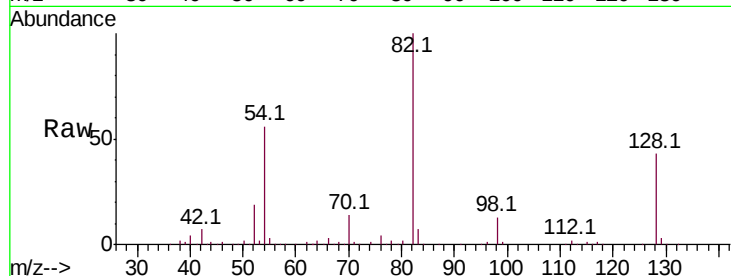
Ion Ratio Lower Upper

70 100

42 50.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 16.2 24.2#

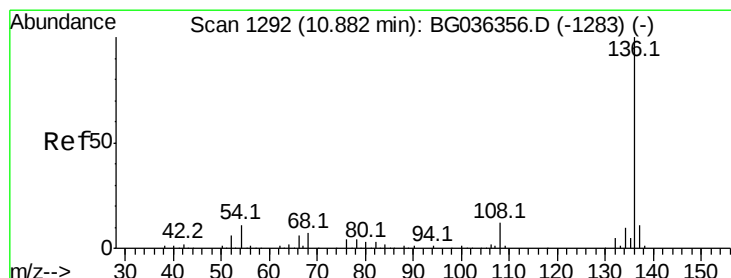
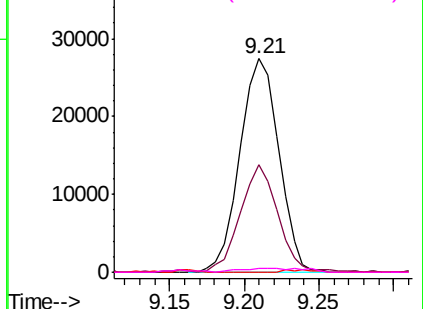


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.85 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

Tgt Ion: 136 Resp: 218319

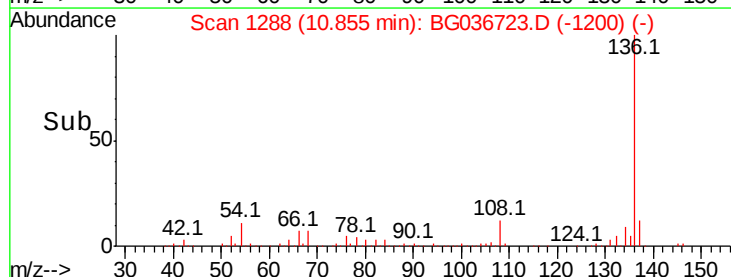
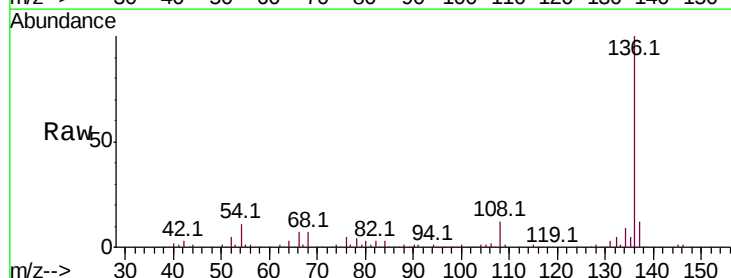
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 11.3 9.2 13.8

68 6.6 5.8 8.6

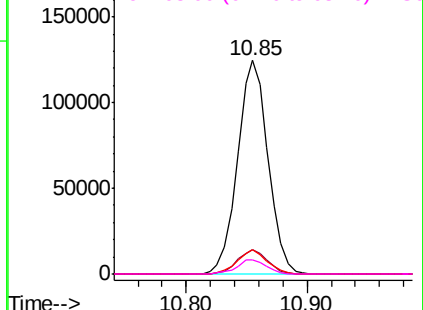


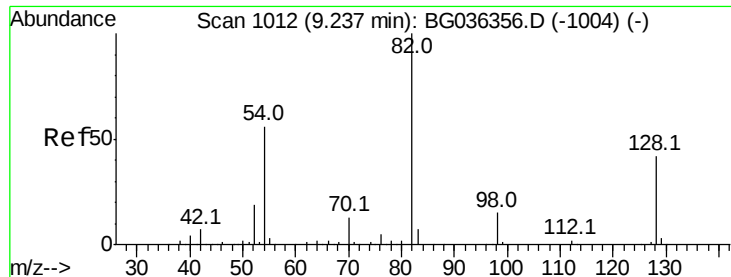
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

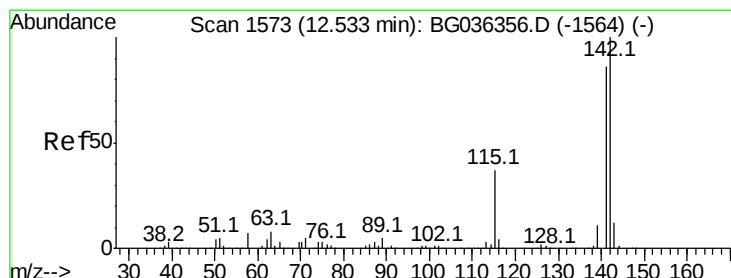
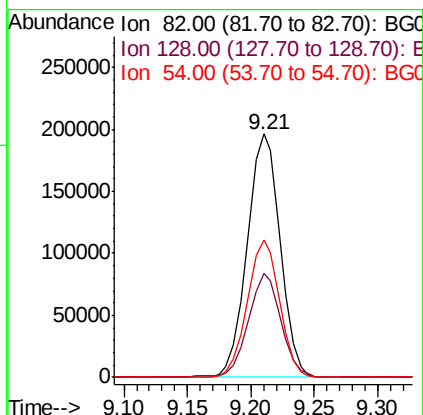
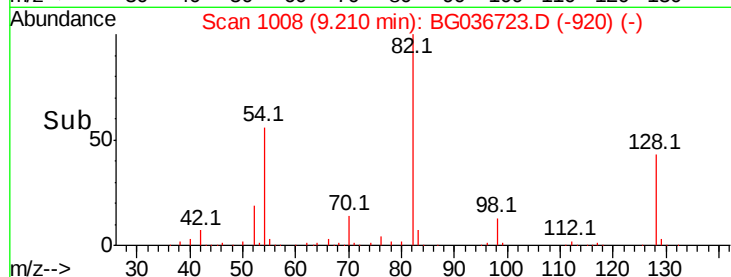
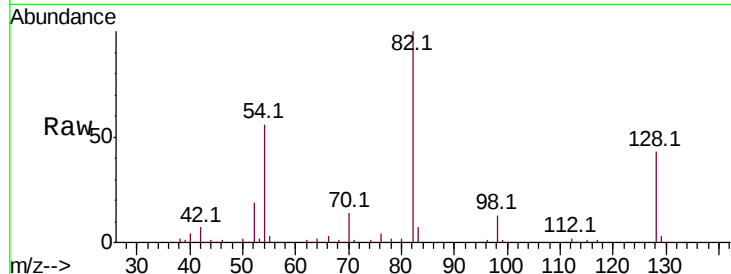




#23
Nitrobenzene-d5
Concen: 88.112 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036723.D
Acq: 15 Sep 2018 2:33

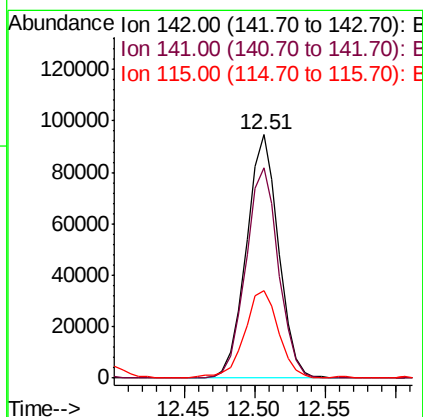
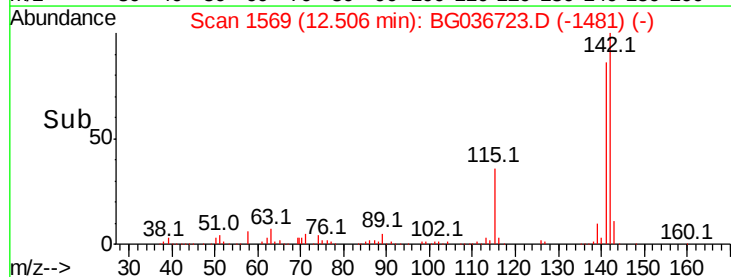
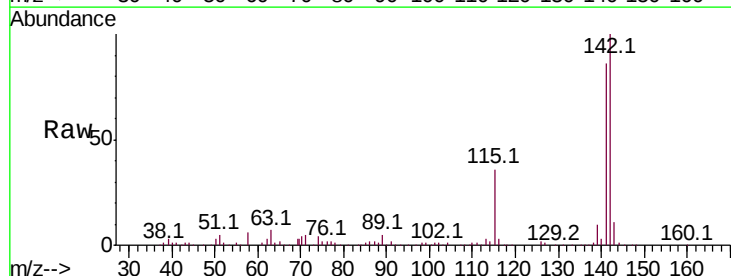
Instrument :
BNA_G
ClientSampleId :

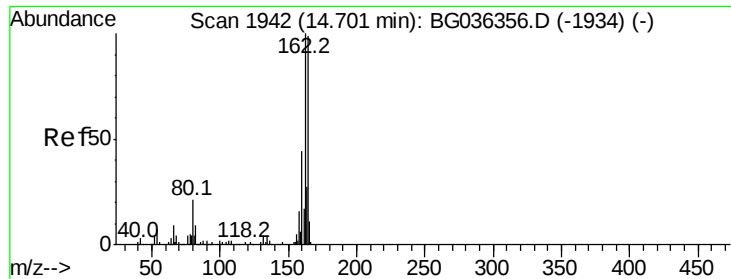
Tot Ion: 82 Resp: 354548
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 56.4 45.1 67.7



#37
2-Methylnaphthalene
Concen: 18.900 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036723.D
Acq: 15 Sep 2018 2:33

Tgt Ion:142 Resp: 150927
Ion Ratio Lower Upper
142 100
141 86.3 68.5 102.7
115 36.1 29.8 44.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

Instrument :

BNA_G

ClientSampled :

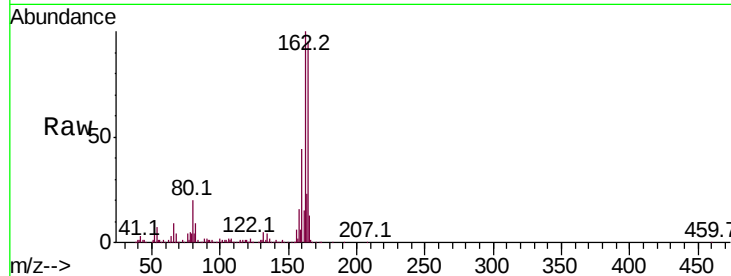
Tot Ion:164 Resp: 151469

Ion Ratio Lower Upper

164 100

162 105.4 80.7 121.1

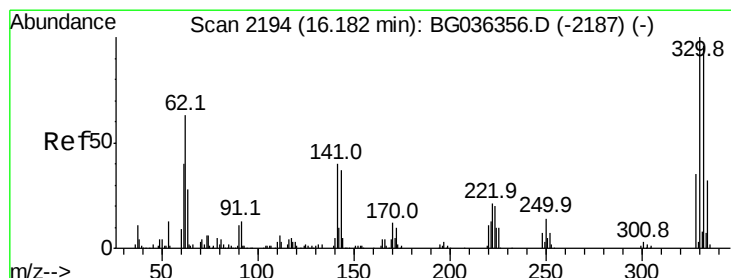
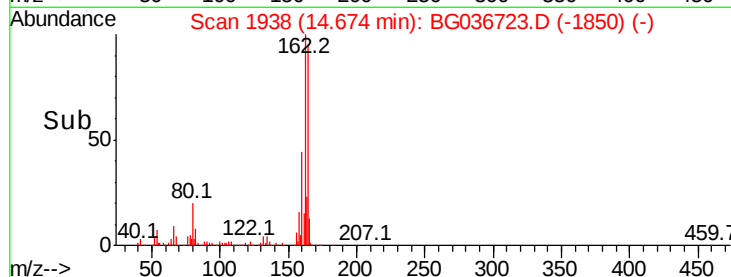
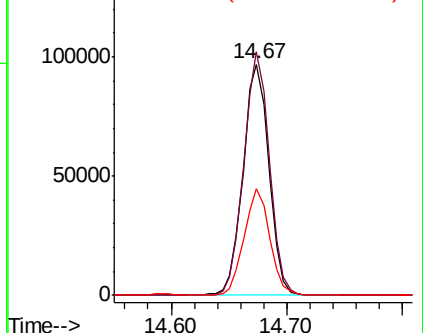
160 46.2 35.3 52.9



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: 141.559 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

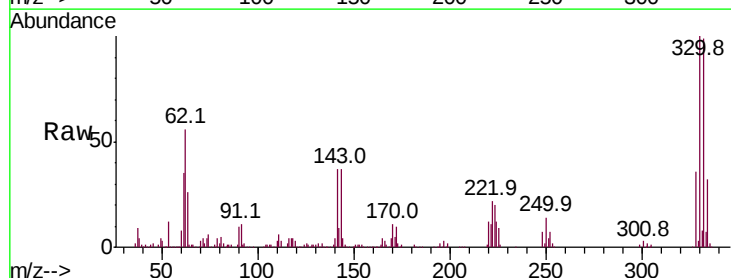
Tgt Ion:330 Resp: 255849

Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.2

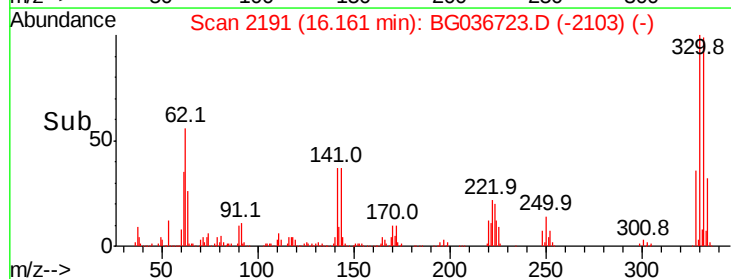
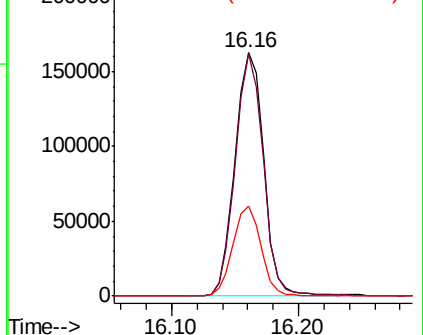
141 36.4 30.7 46.1

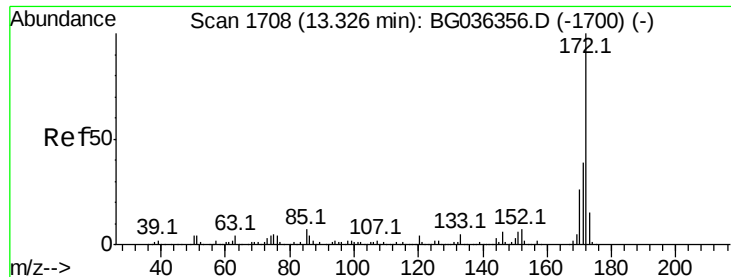


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

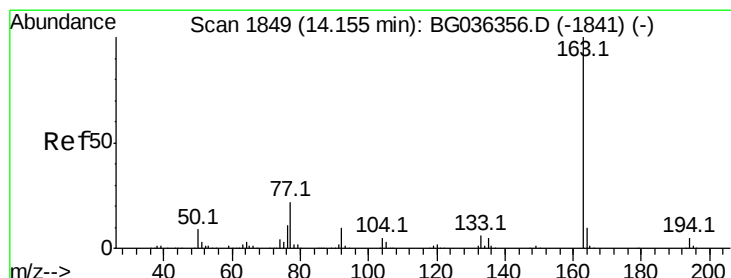
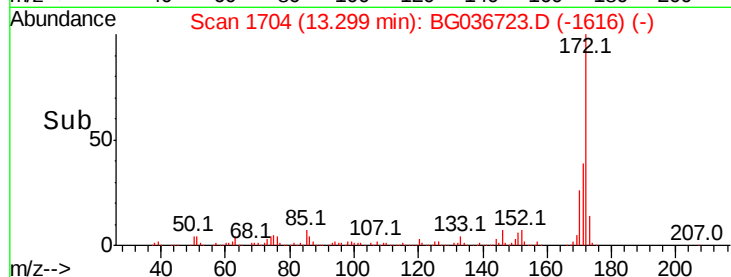
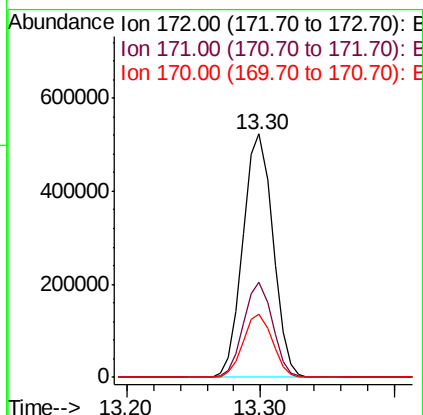
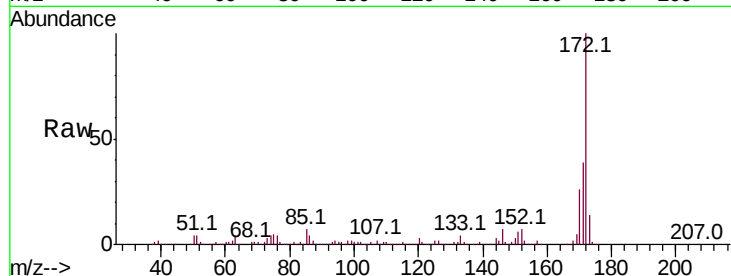




#44
2-Fluorobiphenyl
Concen: 76.820 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036723.D
Acq: 15 Sep 2018 2:33

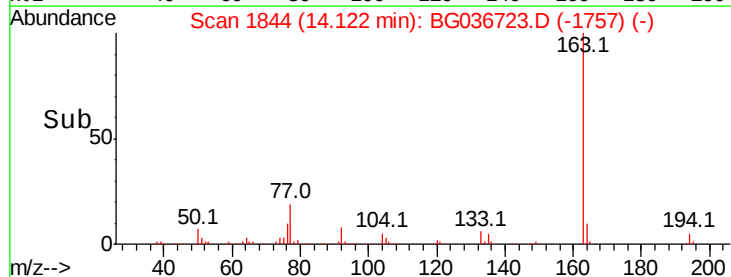
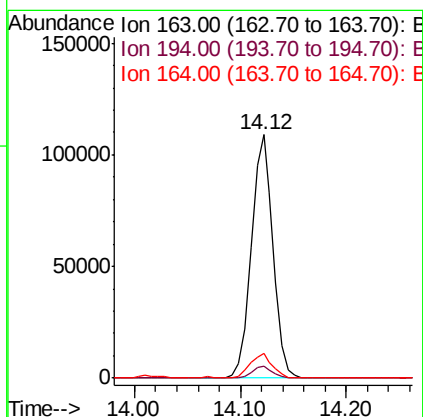
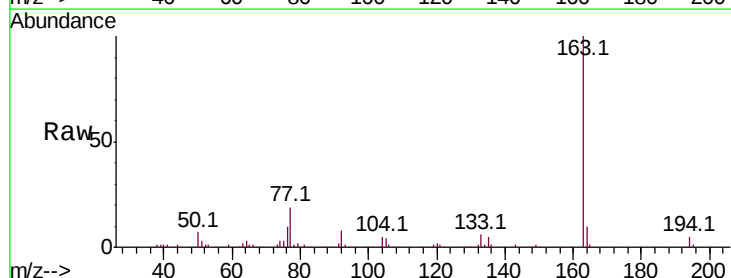
Instrument :
BNA_G
ClientSampleId :

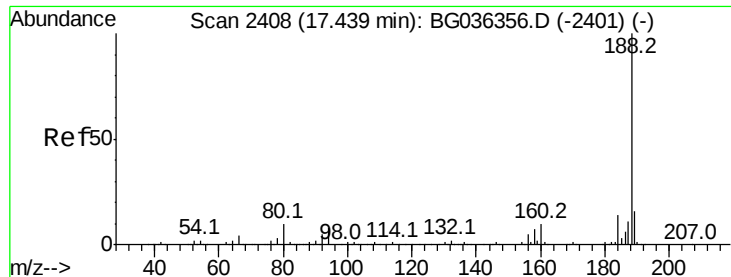
Tot Ion:172 Resp: 814942
Ion Ratio Lower Upper
172 100
171 38.9 31.3 46.9
170 26.0 21.0 31.6



#49
Dimethylphthalate
Concen: 12.577 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036723.D
Acq: 15 Sep 2018 2:33

Tgt Ion:163 Resp: 155557
Ion Ratio Lower Upper
163 100
194 5.0 4.0 6.0
164 10.2 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

Instrument :

BNA_G

ClientSampleId :

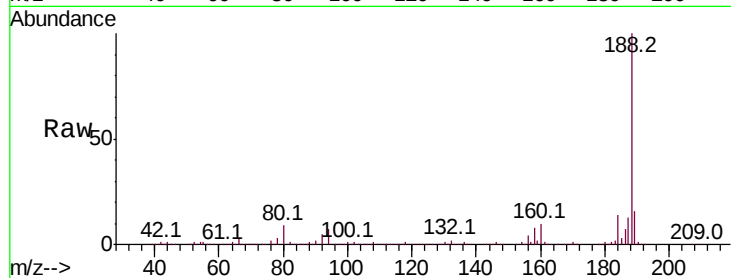
Tot Ion:188 Resp: 383391

Ion Ratio Lower Upper

188 100

94 7.3 6.7 10.1

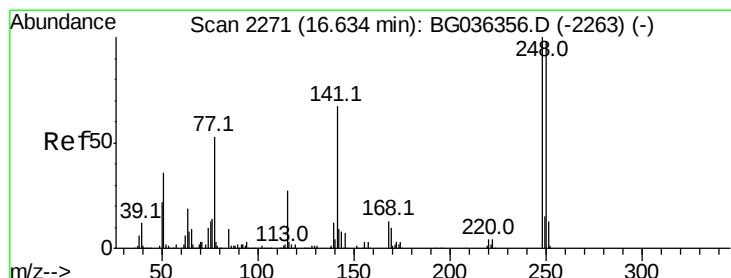
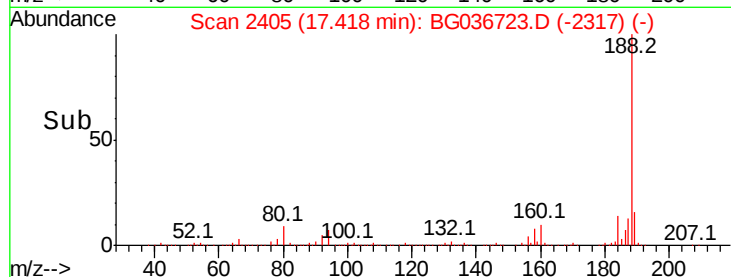
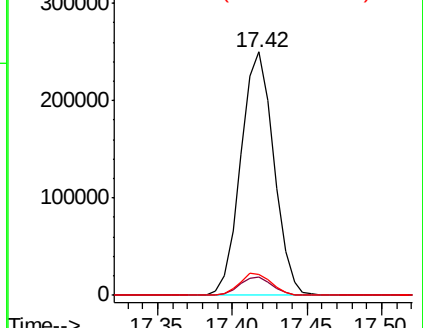
80 8.8 8.1 12.1



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: 3.983 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.46 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

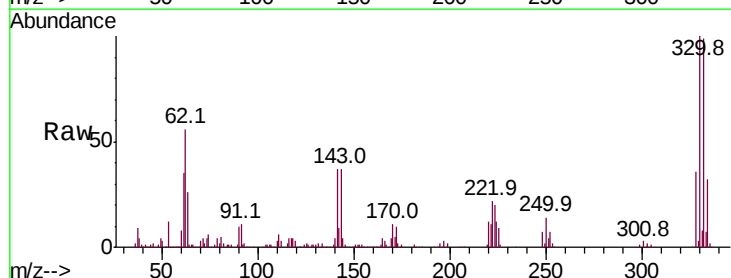
Tgt Ion:248 Resp: 17877

Ion Ratio Lower Upper

248 100

250 212.7 78.1 117.1#

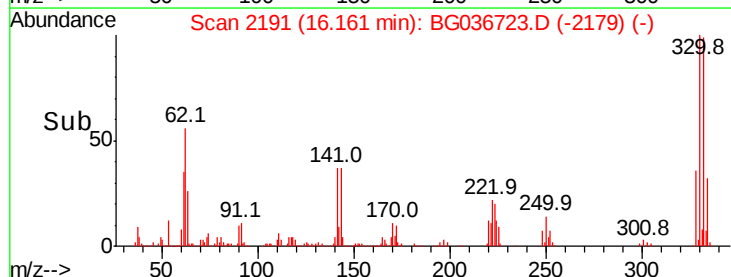
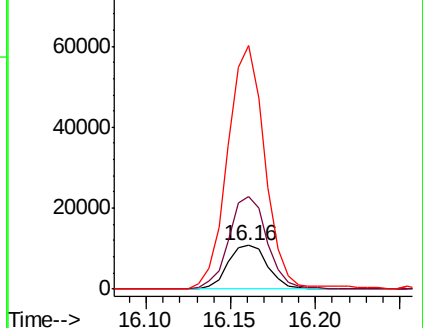
141 556.3 53.7 80.5#

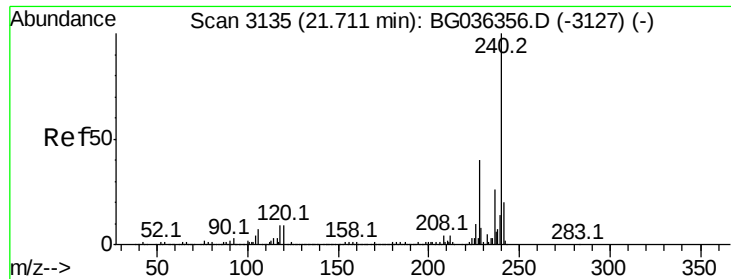


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG036723.D

Acq: 15 Sep 2018 2:33

Instrument :

BNA_G

ClientSampleId :

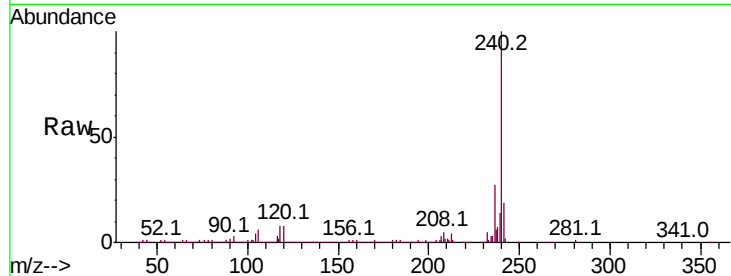
Tot Ion:240 Resp: 389300

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

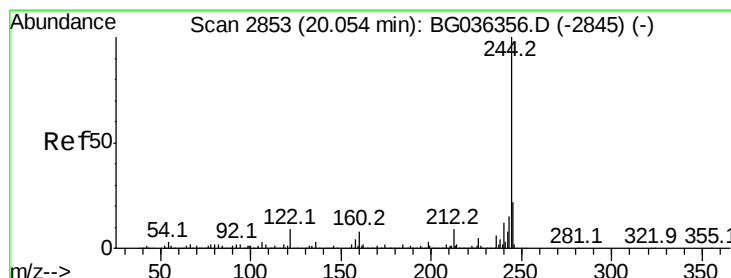
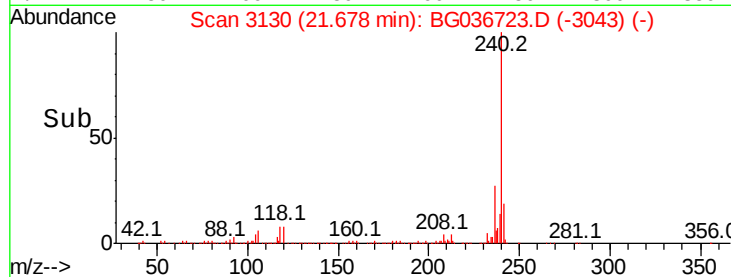
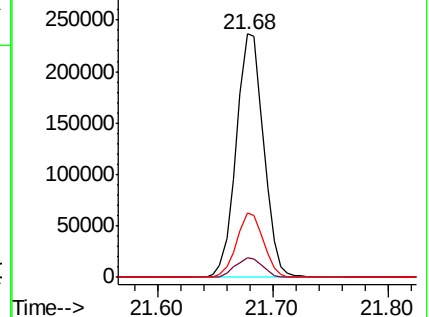
236 26.5 21.2 31.8



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: 85.032 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036723.D

Acq: 15 Sep 2018 2:33

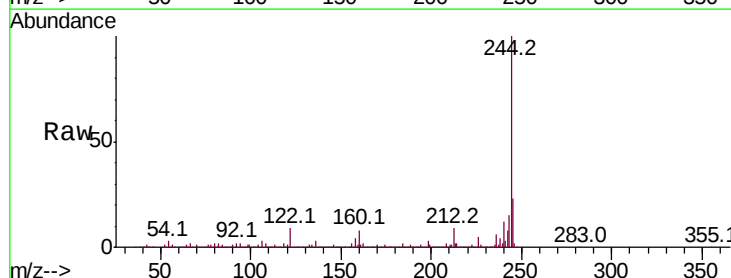
Tgt Ion:244 Resp: 1416266

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

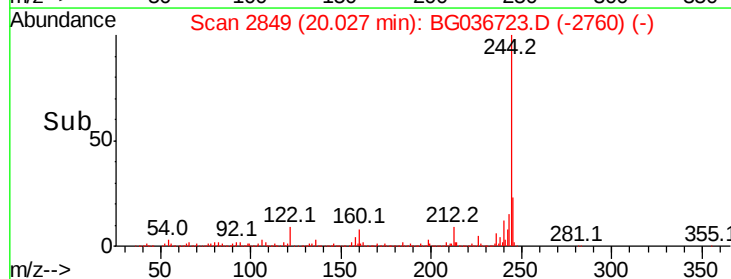
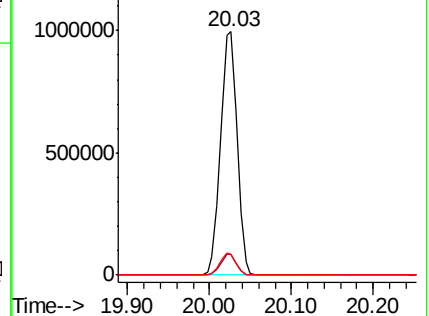
122 8.5 7.1 10.7

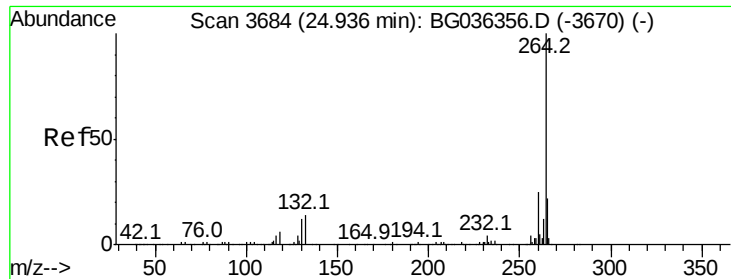


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

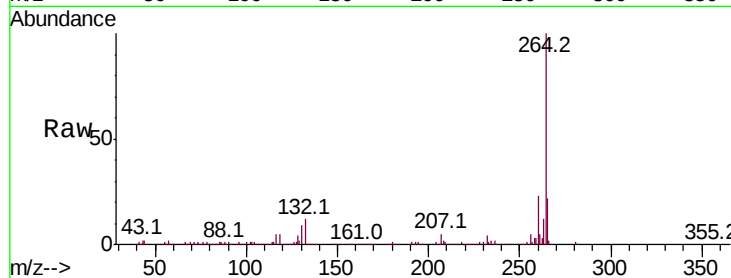




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036723.D
Acq: 15 Sep 2018 2:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.6	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

