

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036533.D
 Acq On : 4 Sep 2018 15:52
 Operator : JU/SJ
 Sample : J4748-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12

Quant Time: Sep 05 04:10:54 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

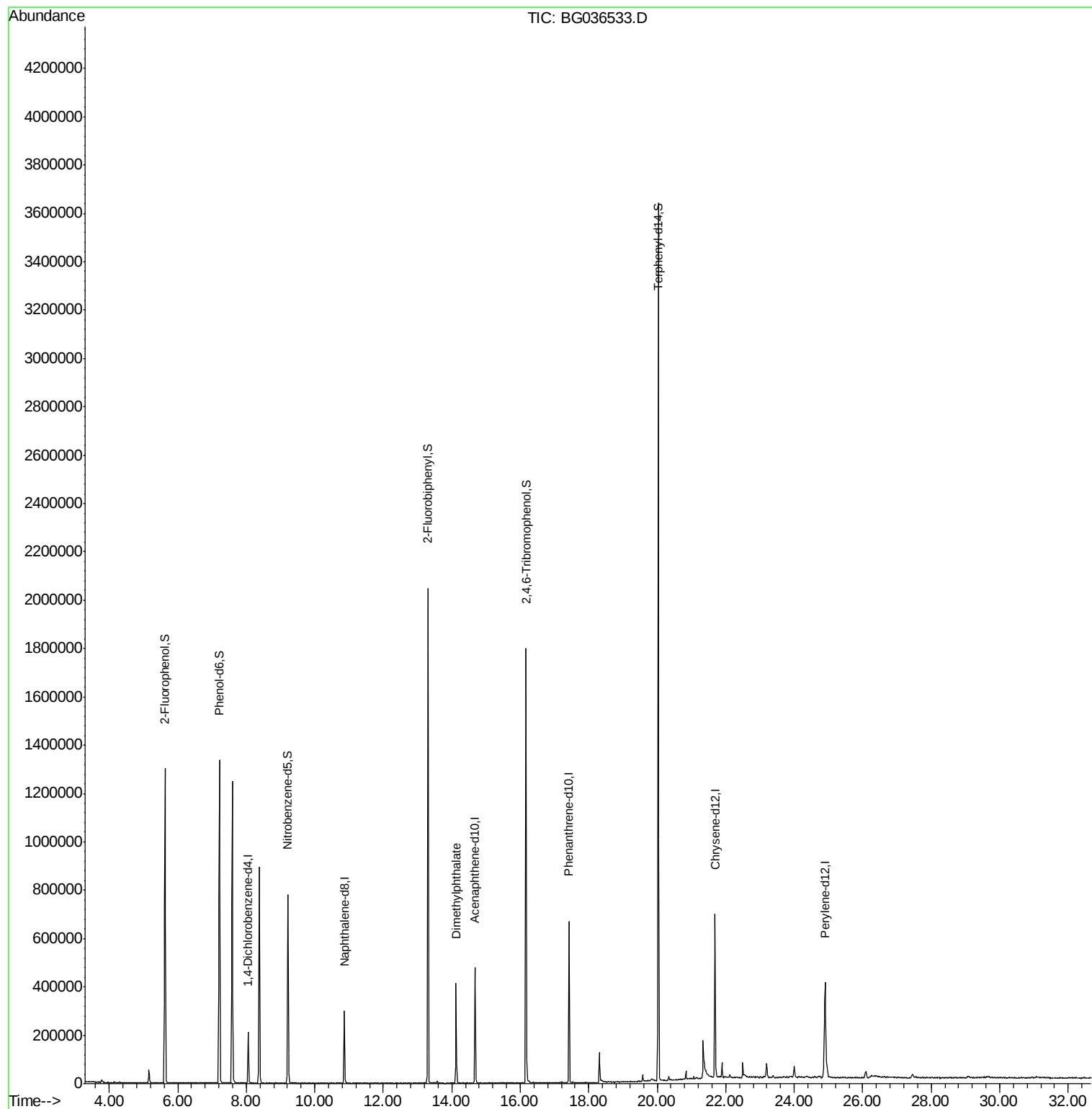
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59889	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247341	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	158999	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	411372	20.00	ng	0.00
75) Chrysene-d12	21.69	240	429483	20.00	ng	0.00
86) Perylene-d12	24.90	264	432895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	545688	144.54	ng	0.00
7) Phenol-d6	7.21	99	771617	142.75	ng	0.00
23) Nitrobenzene-d5	9.22	82	467667	102.59	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	322602	170.04	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1057946	95.00	ng	0.00
78) Terphenyl-d14	20.03	244	1651165	89.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	274316	21.129	ng	Qvalue 99

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

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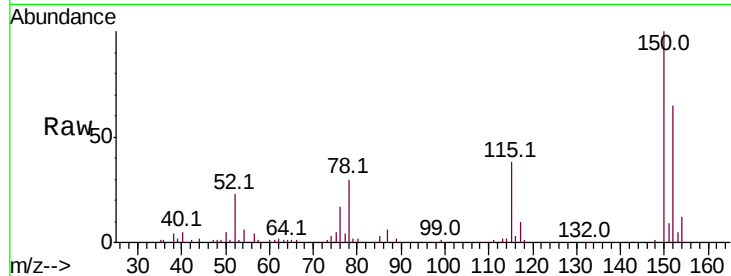


#1

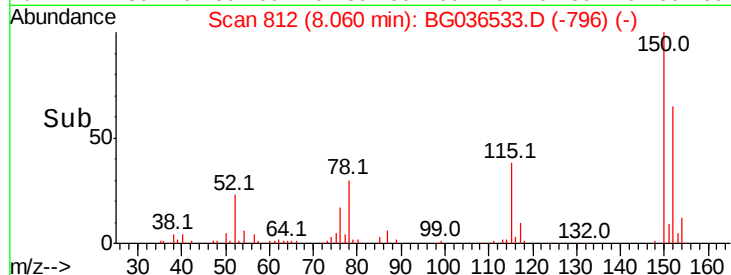
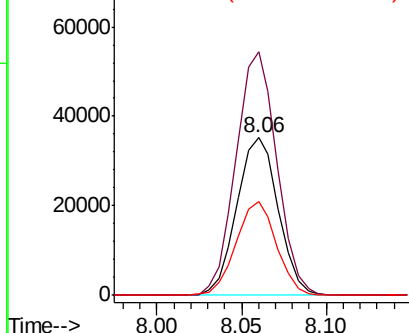
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Instrument :
BNA_G
ClientSampleId :
SB-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	59.5	44.5	66.7



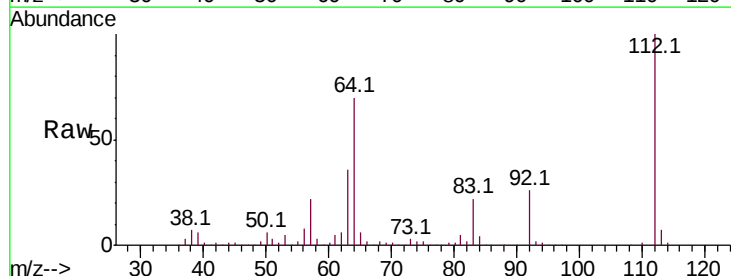
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



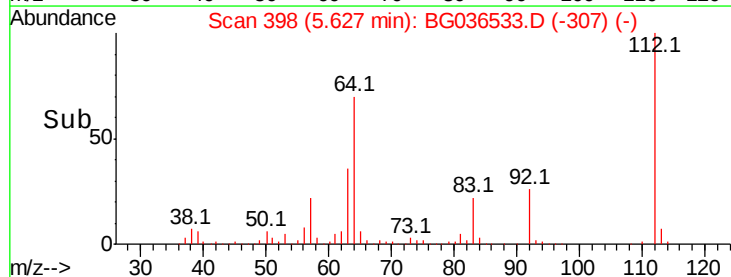
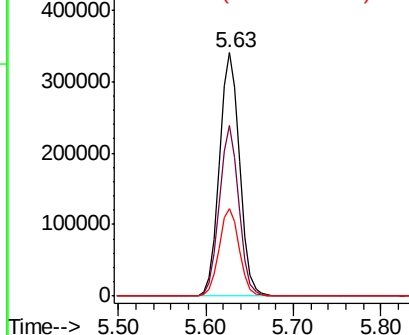
#5

2-Fluorophenol
Concen: 144.538 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.2	85.8
63	35.9	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: 142.748 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

Instrument :

BNA_G

ClientSampleId :

SB-12

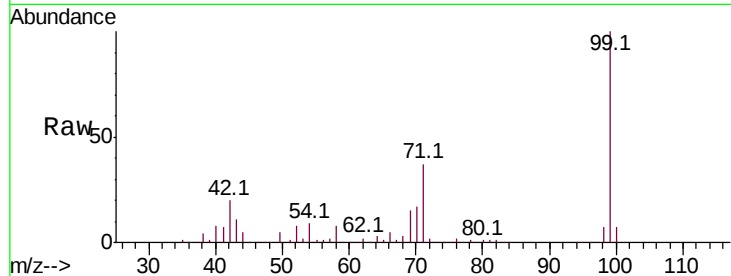
Tot Ion: 99 Resp: 771617

Ion Ratio Lower Upper

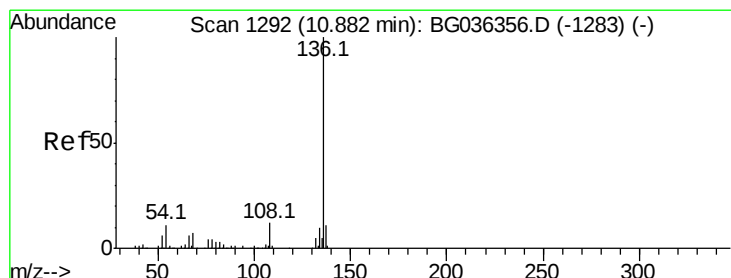
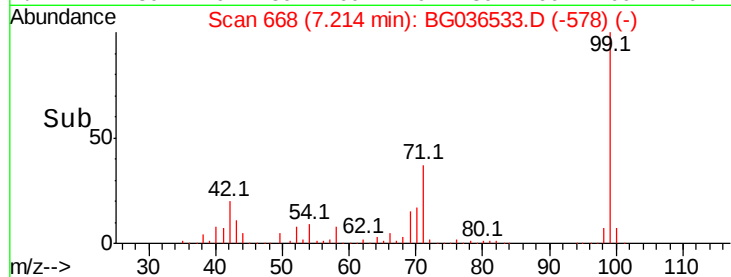
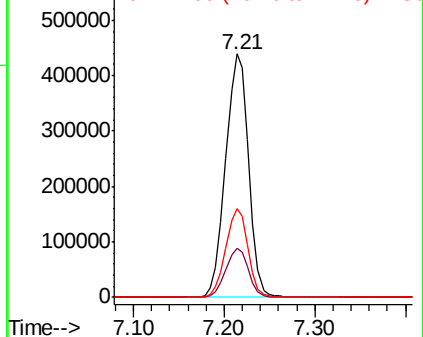
99 100

42 20.3 16.5 24.7

71 36.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

Tgt Ion: 136 Resp: 247341

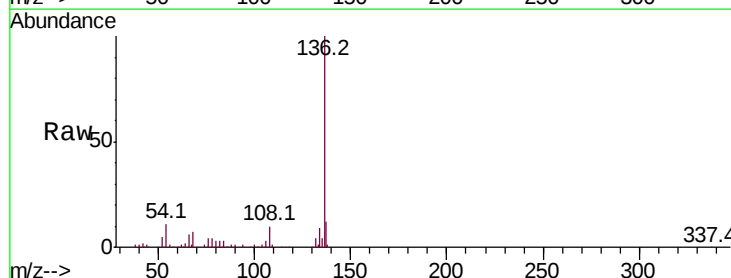
Ion Ratio Lower Upper

136 100

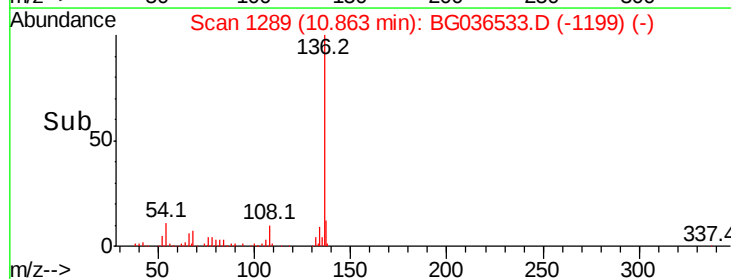
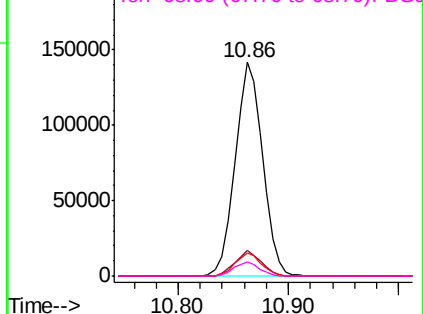
137 12.0 8.8 13.2

54 10.6 9.2 13.8

68 6.8 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

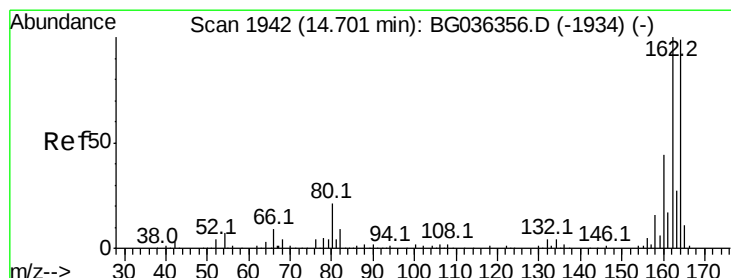
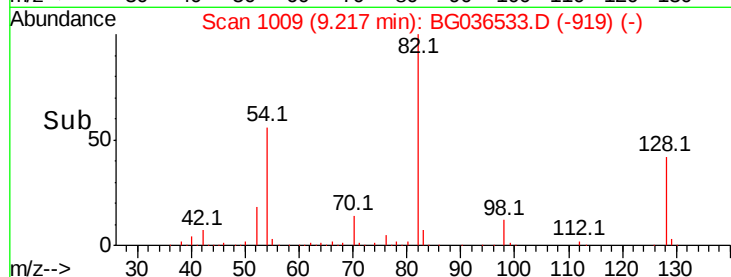
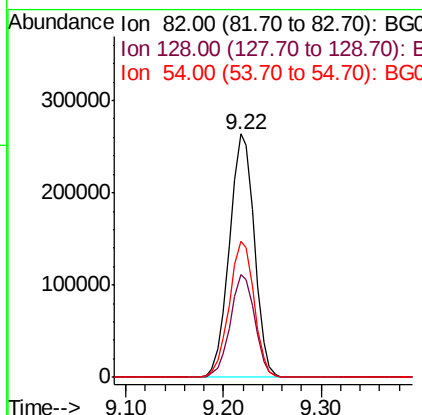
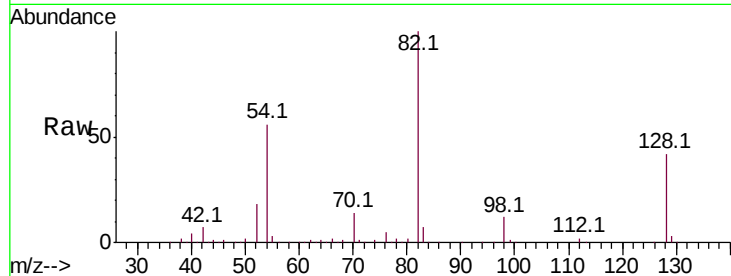




#23
 Nitrobenzene-d5
 Concen: 102.587 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036533.D
 Acq: 4 Sep 2018 15:52

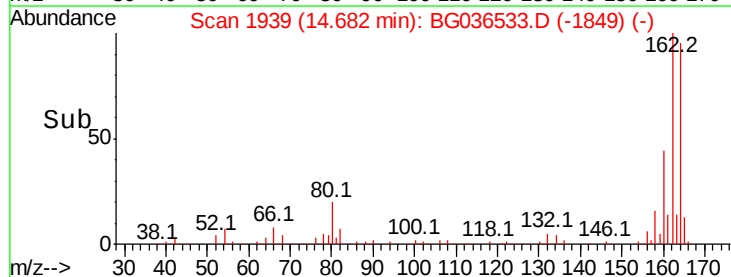
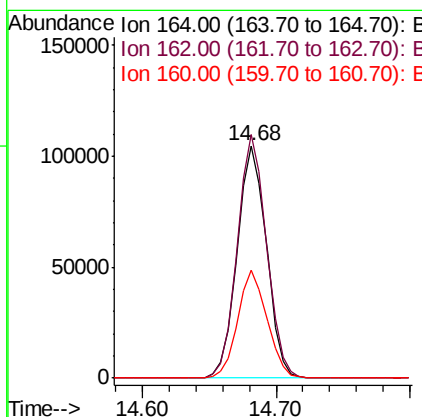
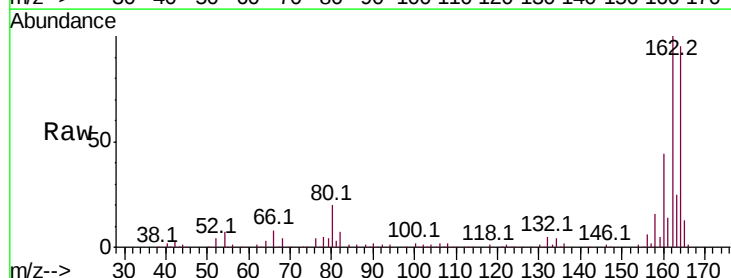
Instrument :
 BNA_G
 ClientSampleID :
 SB-12

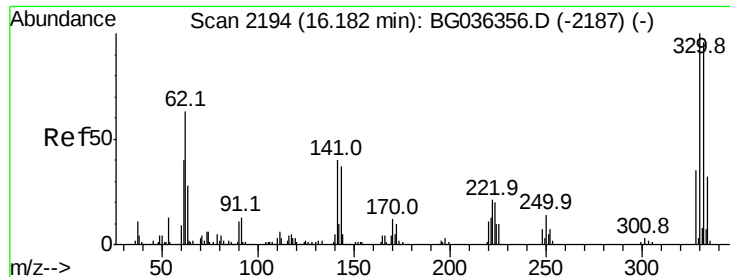
Tot Ion	82	Resp	467667
Ion Ratio	100	Lower	Upper
128	42.5	33.3	49.9
54	56.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036533.D
 Acq: 4 Sep 2018 15:52

Tgt Ion	164	Resp	158999
Ion Ratio	100	Lower	Upper
162	104.8	80.7	121.1
160	46.3	35.3	52.9

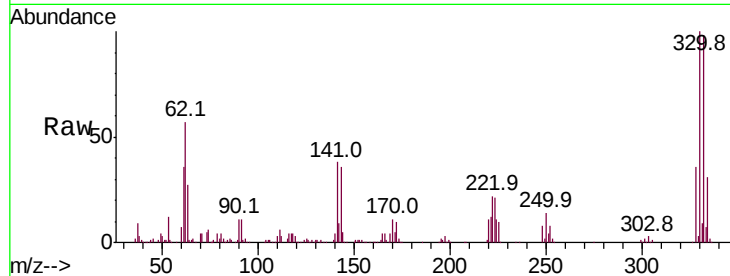




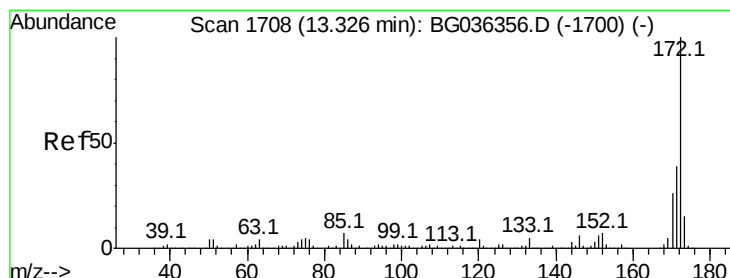
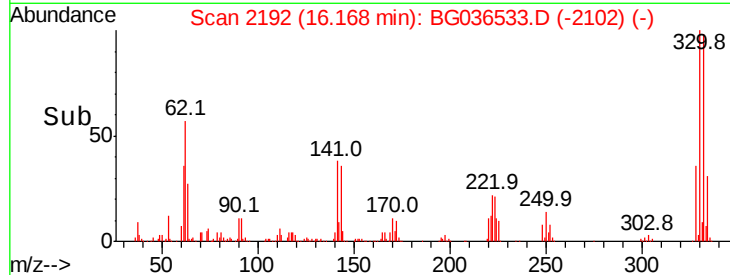
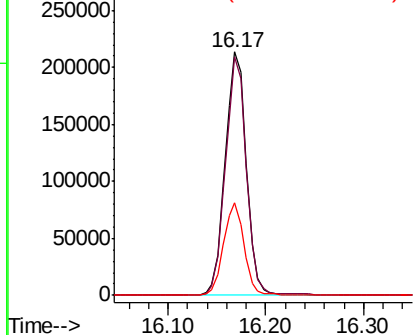
#41
 2,4,6-Tribromophenol
 Concen: 170.040 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036533.D
 Acq: 4 Sep 2018 15:52

Instrument :
 BNA_G
 ClientSampled :
 SB-12

Tot Ion:330 Resp: 322602
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.2
 141 37.0 30.7 46.1

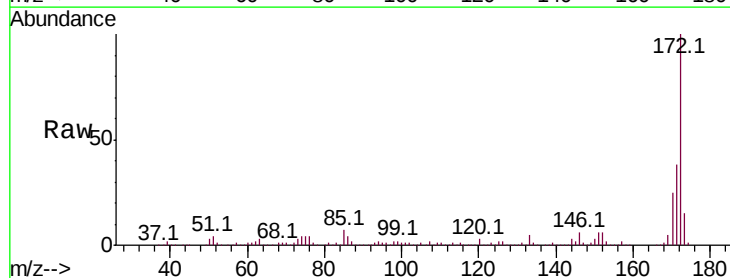


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

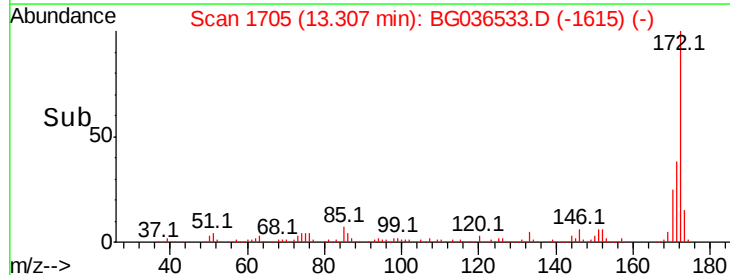
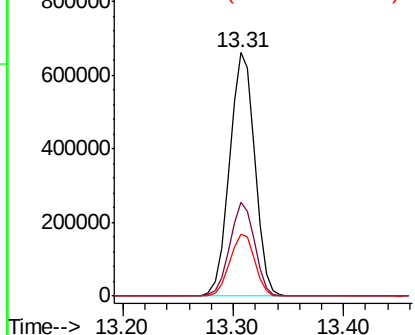


#44
 2-Fluorobiphenyl
 Concen: 95.004 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036533.D
 Acq: 4 Sep 2018 15:52

Tgt Ion:172 Resp: 1057946
 Ion Ratio Lower Upper
 172 100
 171 38.5 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: 21.129 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

Instrument :

BNA_G

ClientSampled :

SB-12

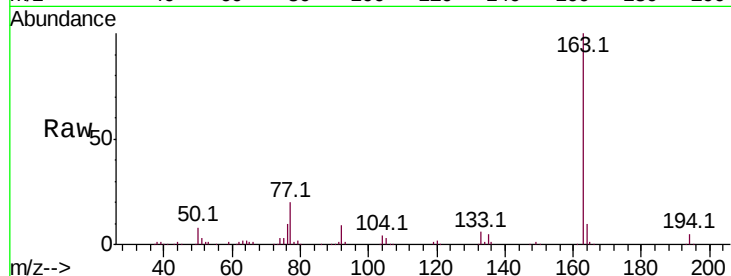
Tot Ion:163 Resp: 274316

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

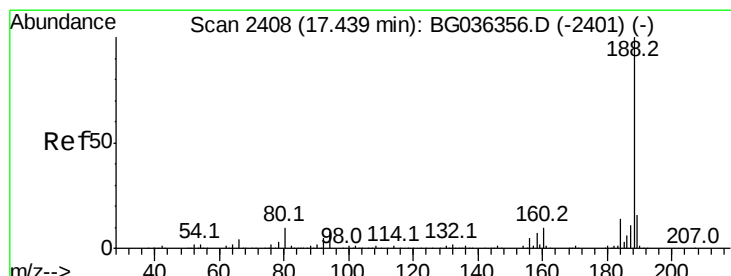
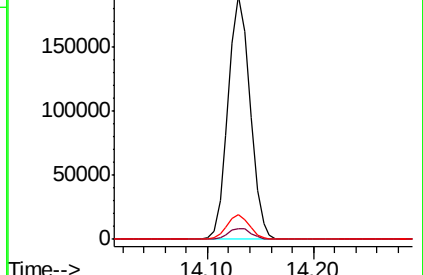
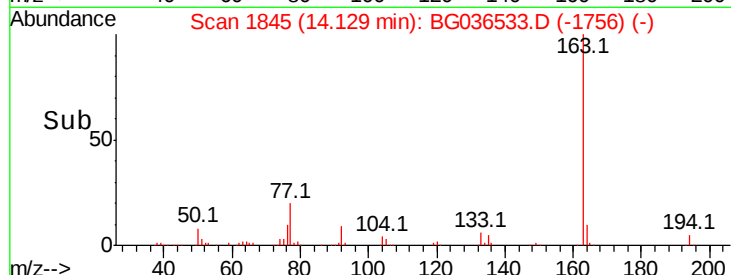
164 10.0 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

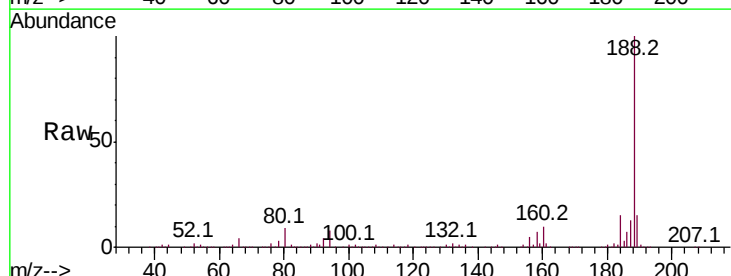
Tgt Ion:188 Resp: 411372

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

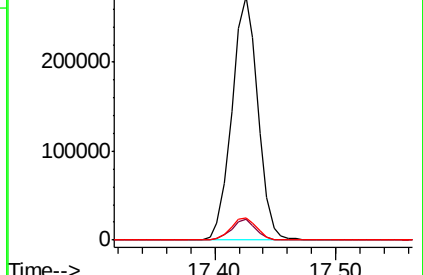
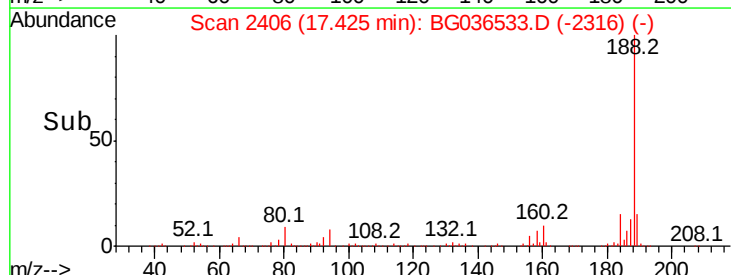
80 9.1 8.1 12.1

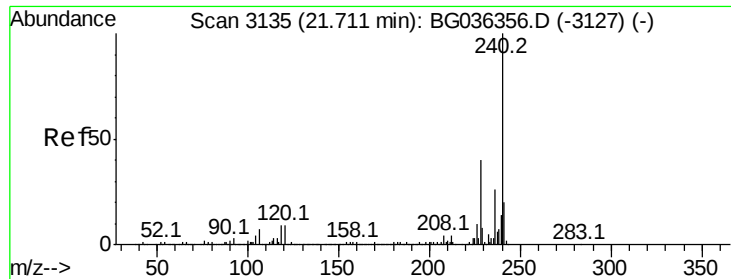


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

Instrument :

BNA_G

ClientSampleId :

SB-12

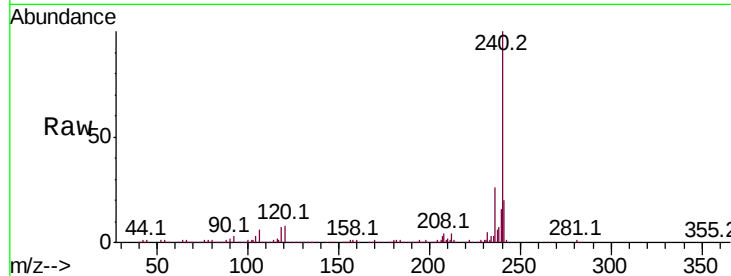
Tot Ion:240 Resp: 429483

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

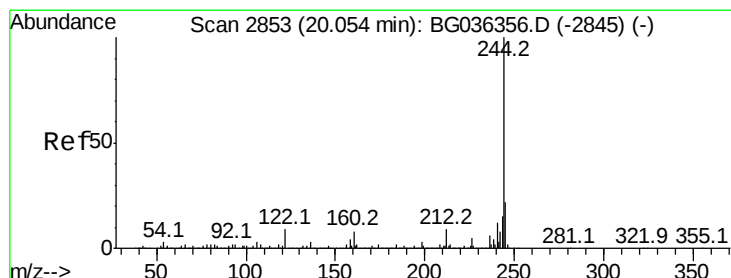
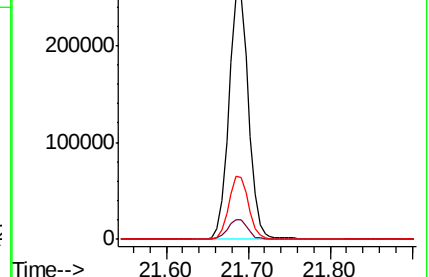
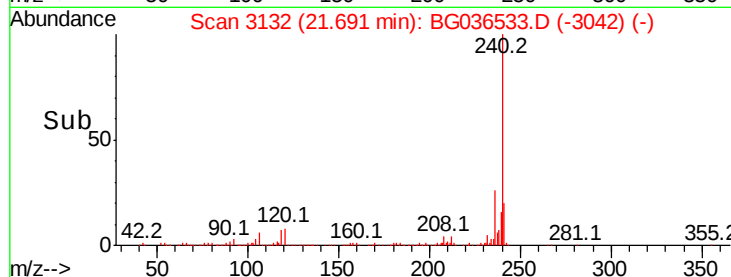
236 25.6 21.2 31.8



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



#78

Terphenyl-d14

Concen: 89.860 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036533.D

Acq: 4 Sep 2018 15:52

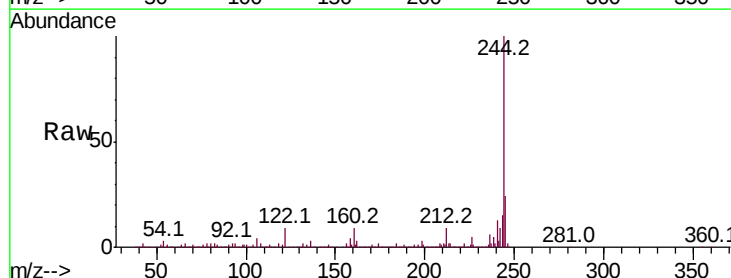
Tgt Ion:244 Resp: 1651165

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

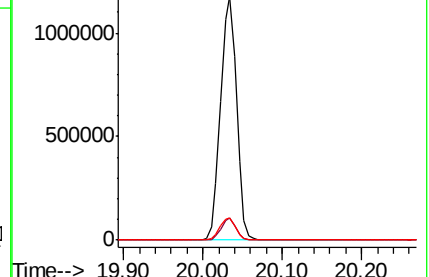
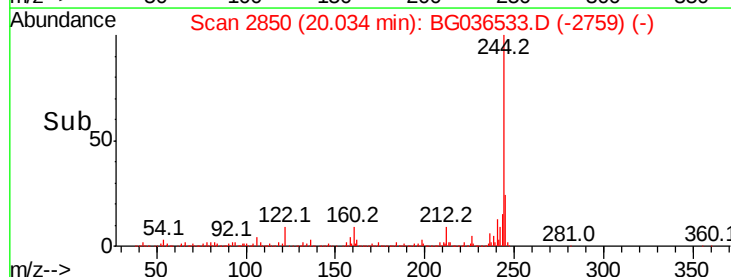
122 9.4 7.1 10.7

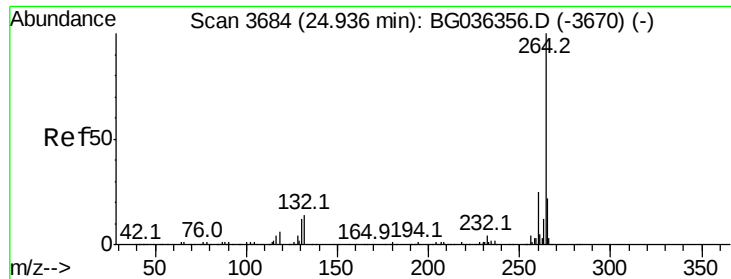


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036533.D
Acq: 4 Sep 2018 15:52

Instrument :
BNA_G
ClientSampleId :
SB-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	17.4	26.0

