

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
 Data File : BG036957.D
 Acq On : 25 Sep 2018 20:15
 Operator : JU/SJ
 Sample : J5061-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 230-KV-C

Quant Time: Sep 26 01:57:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

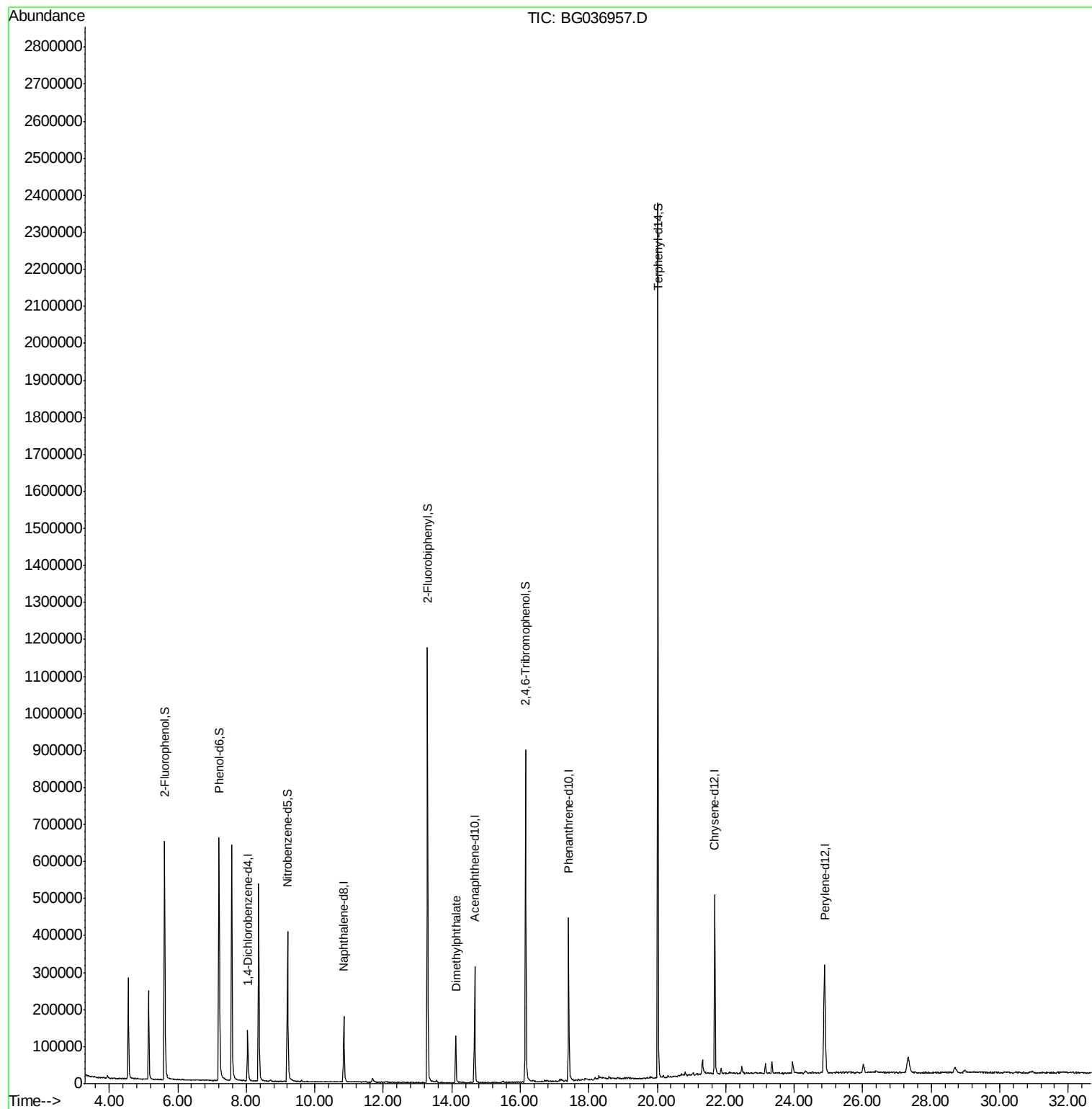
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42343	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	171750	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	116562	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	296408	20.00	ng	0.00
75) Chrysene-d12	21.68	240	316349	20.00	ng	-0.01
86) Perylene-d12	24.88	264	315770	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	292789	132.61	ng	0.00
7) Phenol-d6	7.20	99	433429	126.88	ng	-0.01
23) Nitrobenzene-d5	9.20	82	288242	89.87	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	178604	128.07	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	654774	83.66	ng	-0.01
78) Terphenyl-d14	20.02	244	1120990	93.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	94244	10.045	ng	Qvalue 100

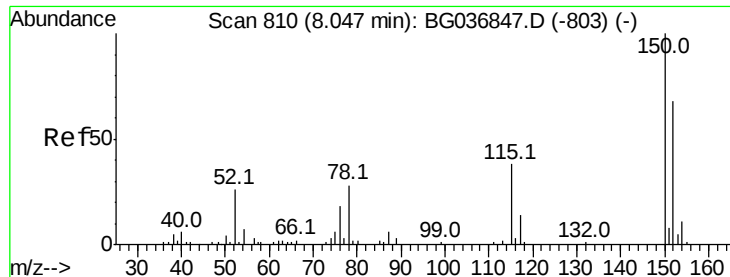
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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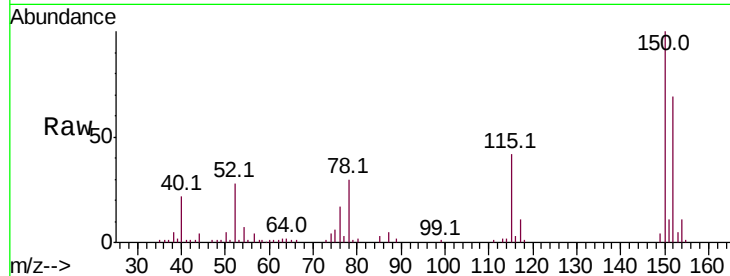


#1

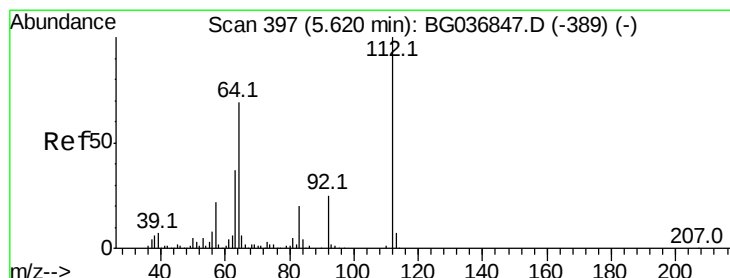
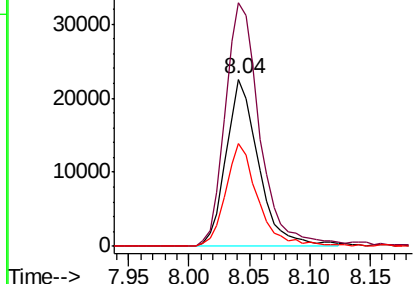
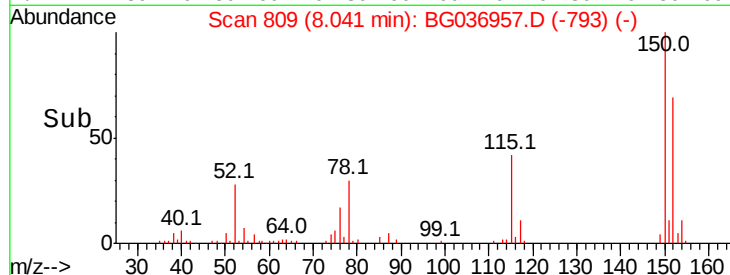
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG036957.D
Acq: 25 Sep 2018 20:15

Instrument :
BNA_G
ClientSampleId :
230-KV-C

Tot Ion:152 Resp: 42343
Ion Ratio Lower Upper
152 100
150 146.0 119.5 179.3
115 61.5 44.5 66.7



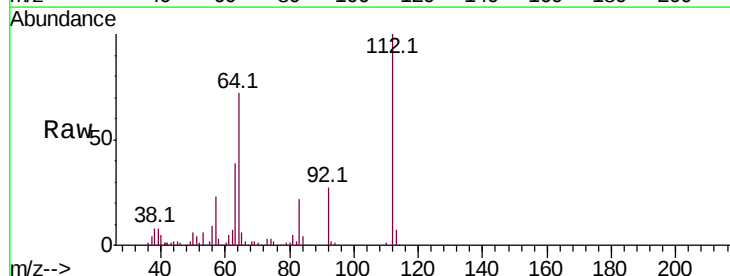
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



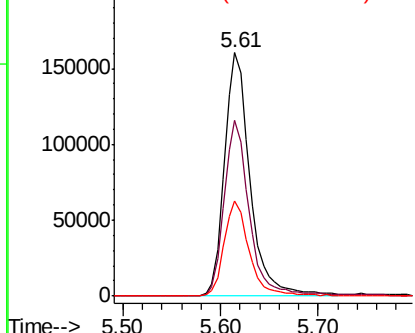
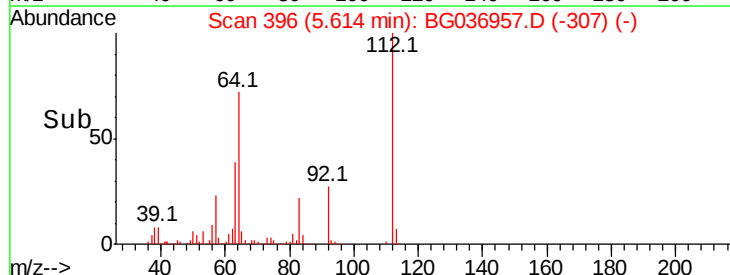
#5

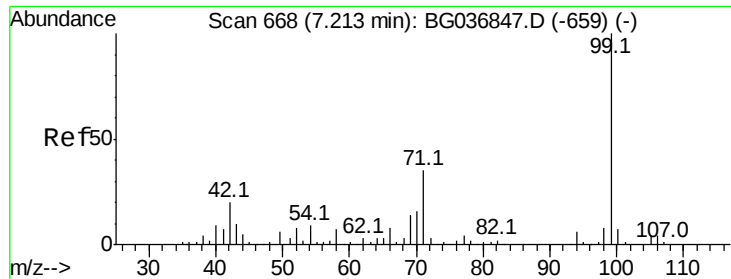
2-Fluorophenol
Concen: 132.609 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036957.D
Acq: 25 Sep 2018 20:15

Tgt Ion:112 Resp: 292789
Ion Ratio Lower Upper
112 100
64 72.1 57.2 85.8
63 39.1 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: 126.881 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036957.D

Acq: 25 Sep 2018 20:15

Instrument :

BNA_G

ClientSampleId :

230-KV-C

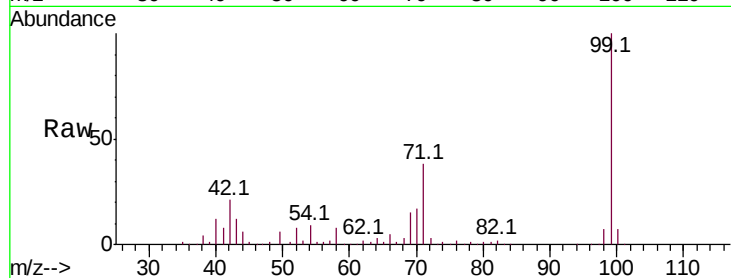
Tot Ion: 99 Resp: 433429

Ion Ratio Lower Upper

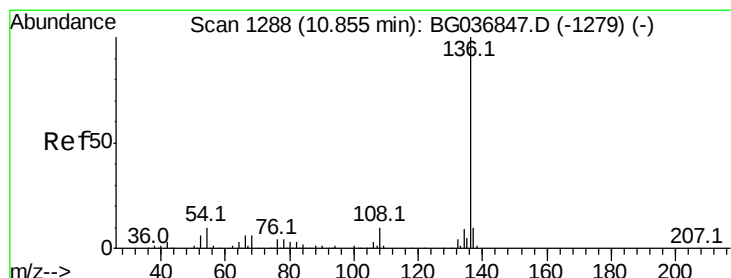
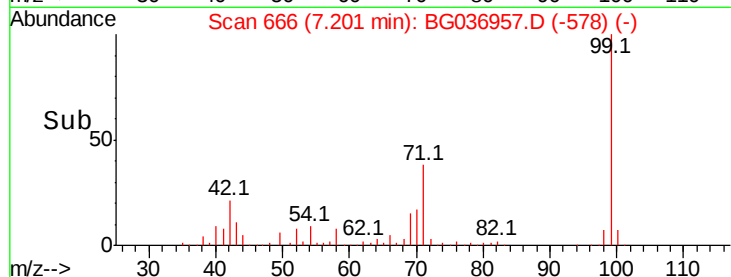
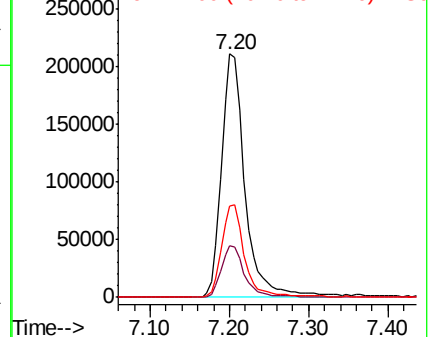
99 100

42 21.4 16.5 24.7

71 37.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036957.D

Acq: 25 Sep 2018 20:15

Tgt Ion: 136 Resp: 171750

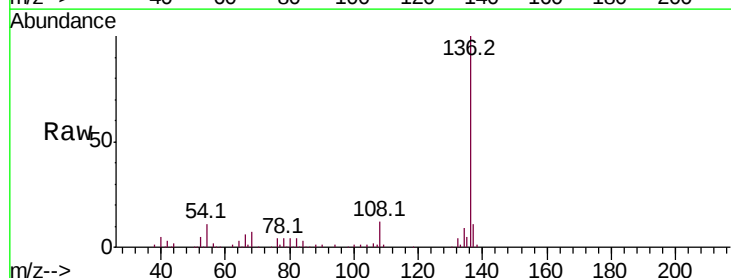
Ion Ratio Lower Upper

136 100

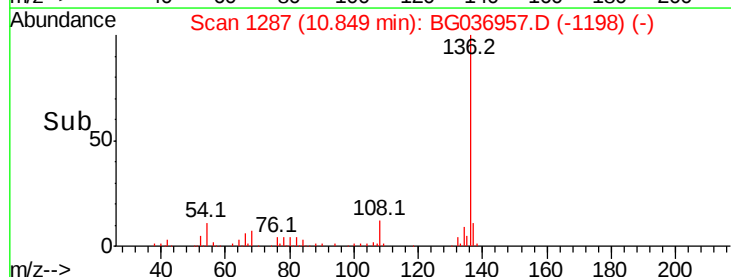
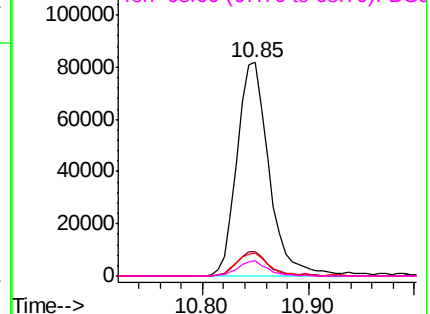
137 11.5 8.8 13.2

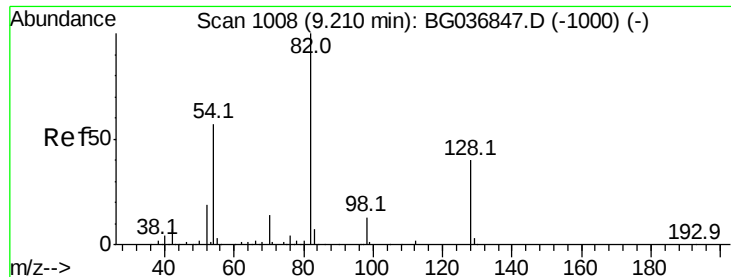
54 11.0 9.2 13.8

68 6.9 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

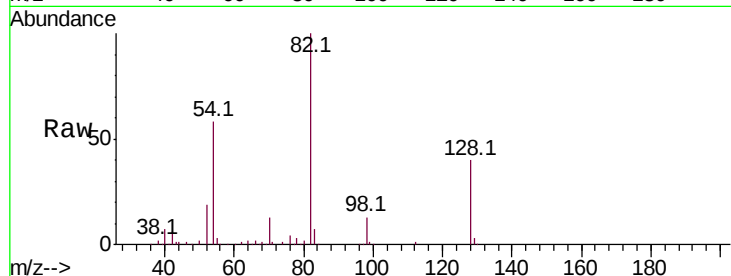




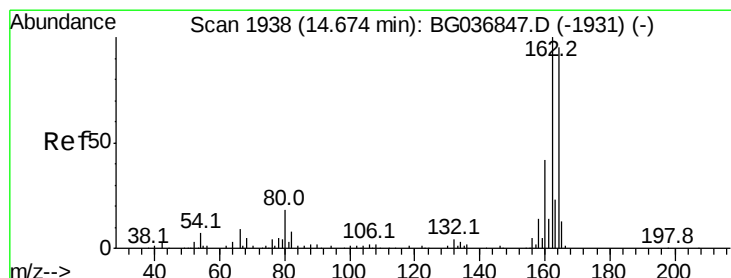
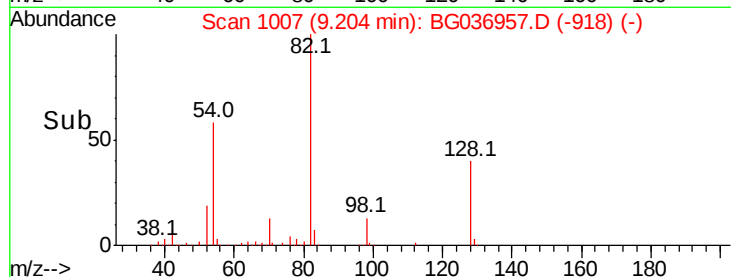
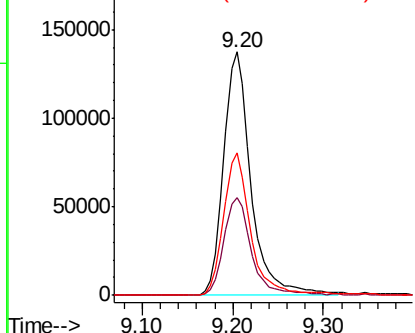
#23
Nitrobenzene-d5
Concen: 89.873 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036957.D
Acq: 25 Sep 2018 20:15

Instrument :
BNA_G
ClientSampleId :
230-KV-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	58.3	45.1	67.7

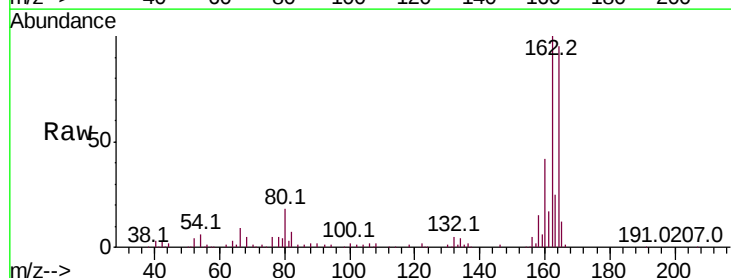


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

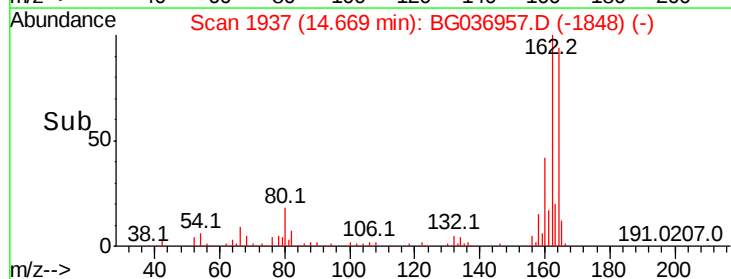
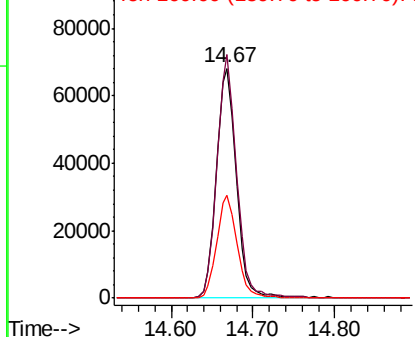


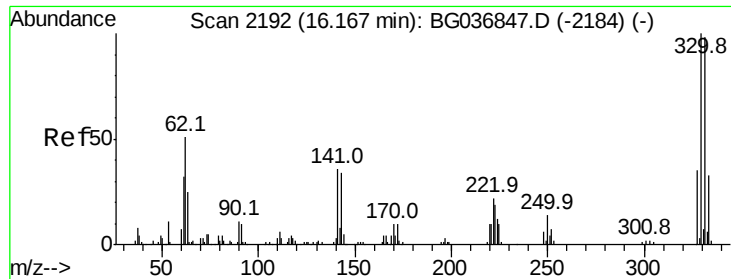
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036957.D
Acq: 25 Sep 2018 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	80.7	121.1
160	44.9	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

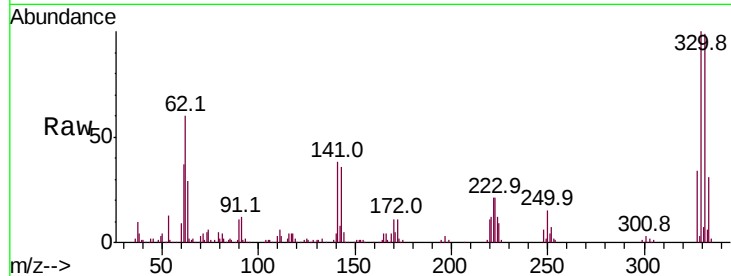




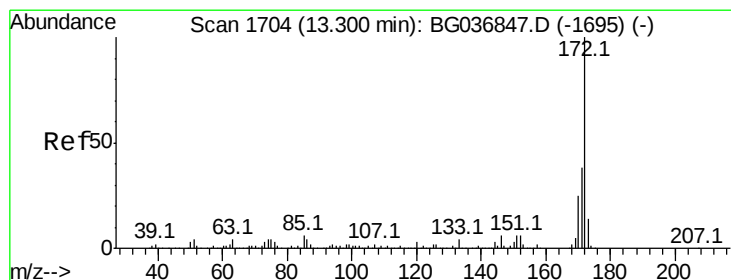
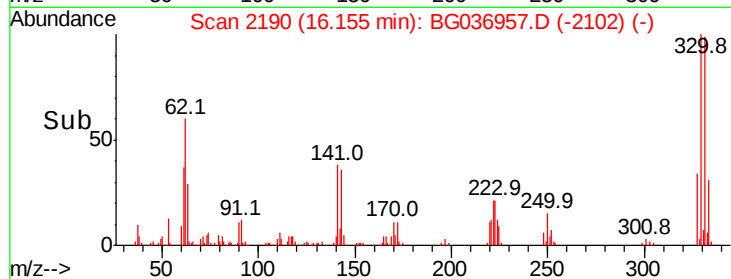
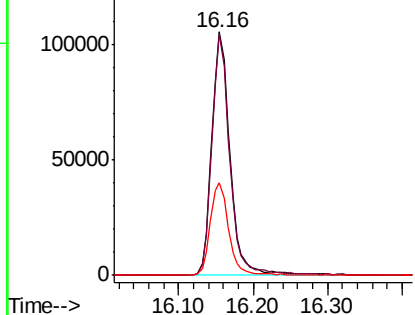
#41
 2,4,6-Tribromophenol
 Concen: 128.069 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036957.D
 Acq: 25 Sep 2018 20:15

Instrument :
 BNA_G
 ClientSampled :
 230-KV-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	38.6	30.7	46.1

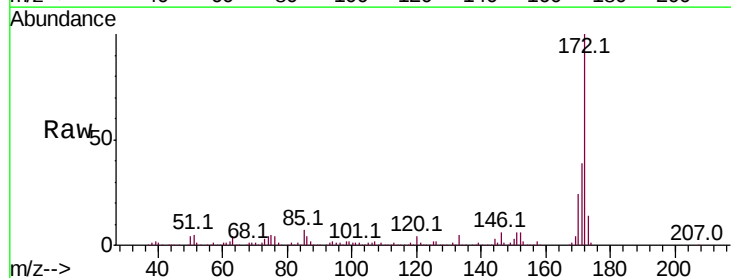


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

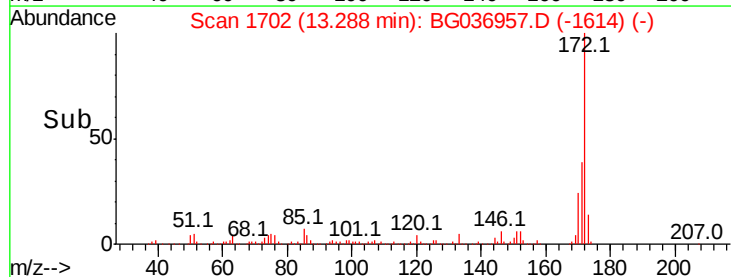
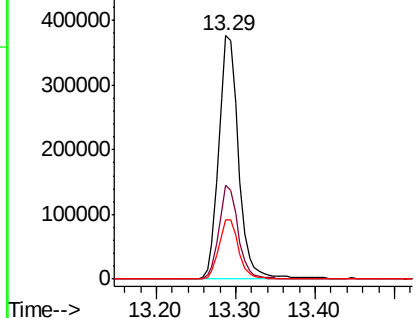


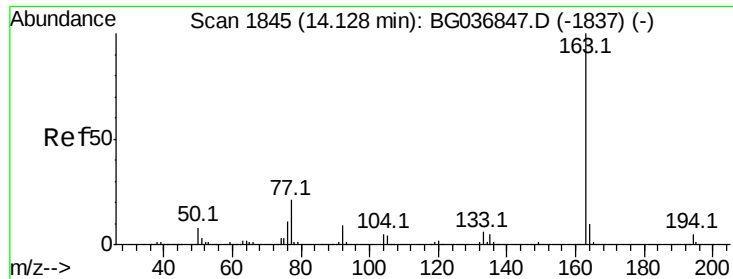
#44
 2-Fluorobiphenyl
 Concen: 83.665 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036957.D
 Acq: 25 Sep 2018 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	24.4	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





#49

Dimethylphthalate

Concen: 10.045 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036957.D

Acq: 25 Sep 2018 20:15

Instrument :

BNA_G

ClientSampleId :

230-KV-C

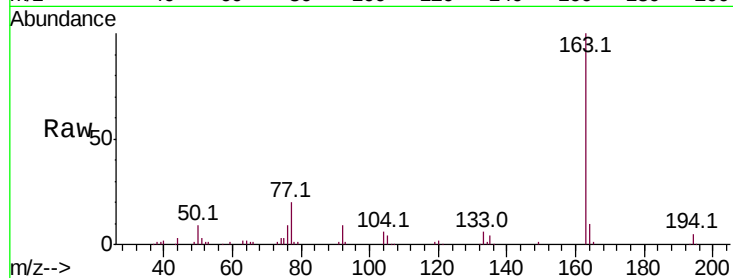
Tot Ion:163 Resp: 94244

Ion Ratio Lower Upper

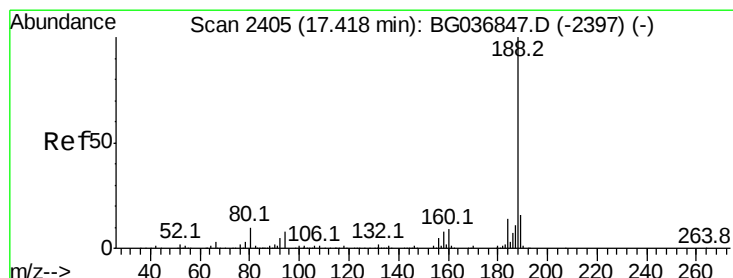
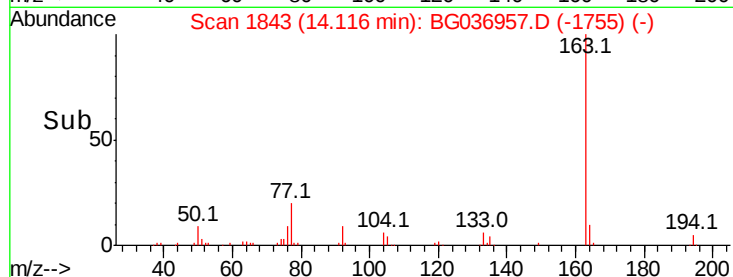
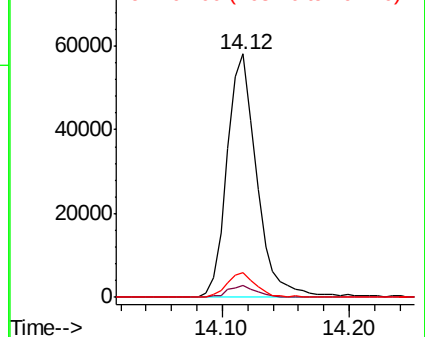
163 100

194 4.8 4.0 6.0

164 10.2 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: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036957.D

Acq: 25 Sep 2018 20:15

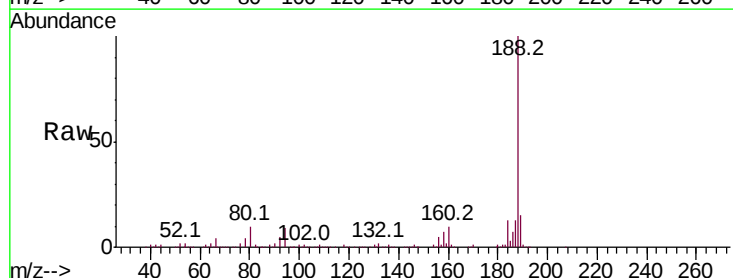
Tgt Ion:188 Resp: 296408

Ion Ratio Lower Upper

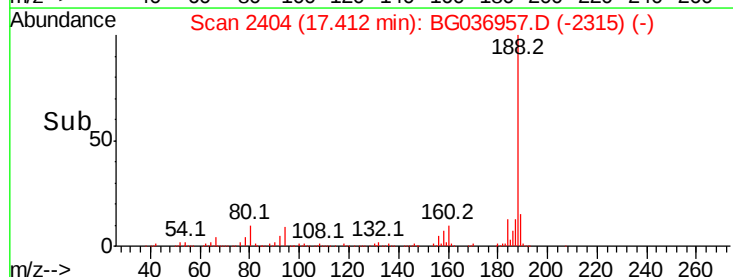
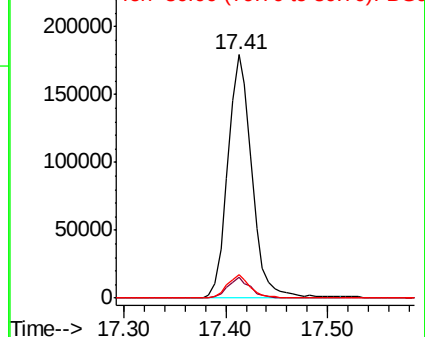
188 100

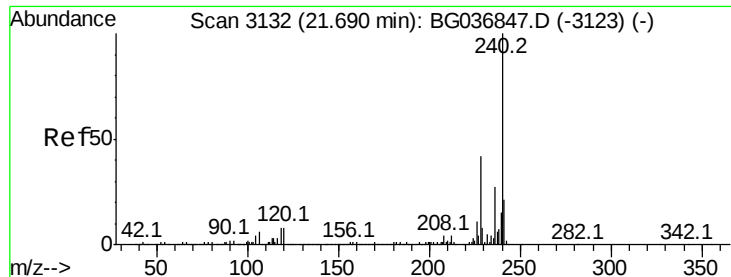
94 8.5 6.7 10.1

80 9.8 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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036957.D

Acq: 25 Sep 2018 20:15

Instrument :

BNA_G

ClientSampleId :

230-KV-C

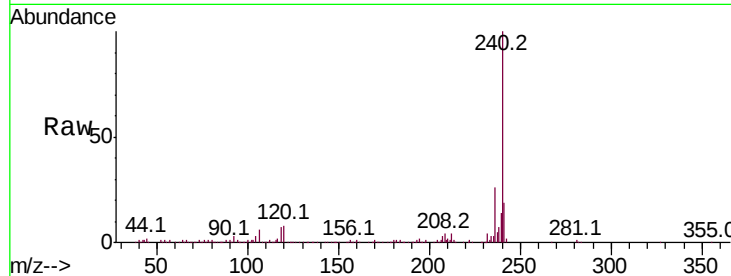
Tot Ion:240 Resp: 316349

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

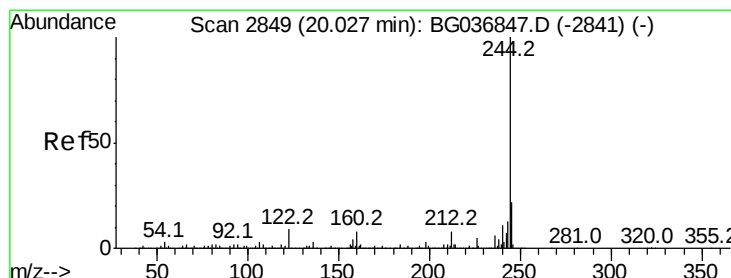
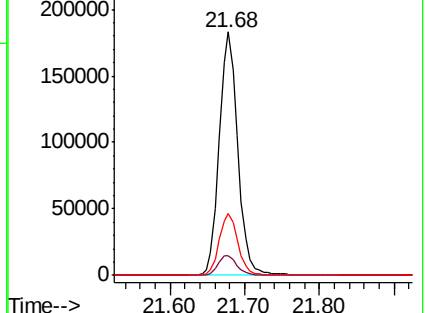
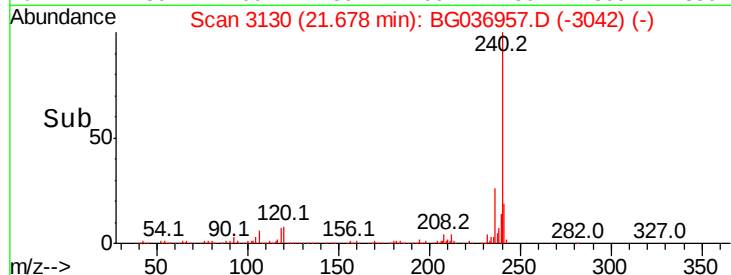
236 25.6 21.2 31.8



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: 93.177 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036957.D

Acq: 25 Sep 2018 20:15

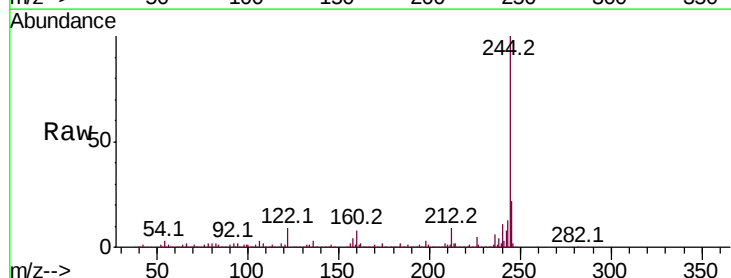
Tgt Ion:244 Resp: 1120990

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

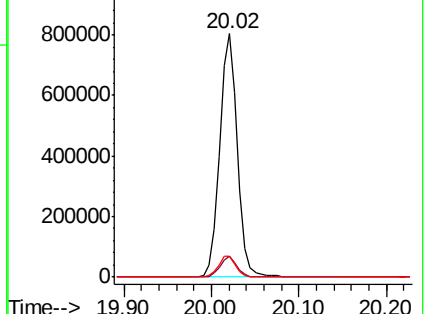
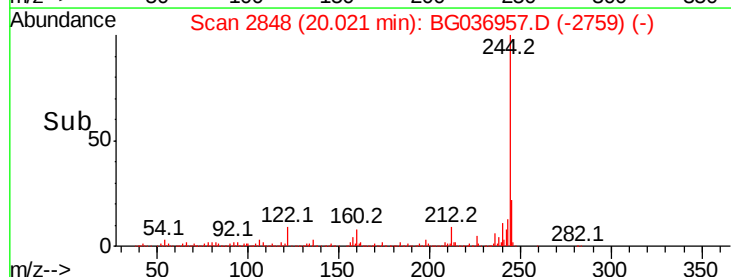
122 8.8 7.1 10.7

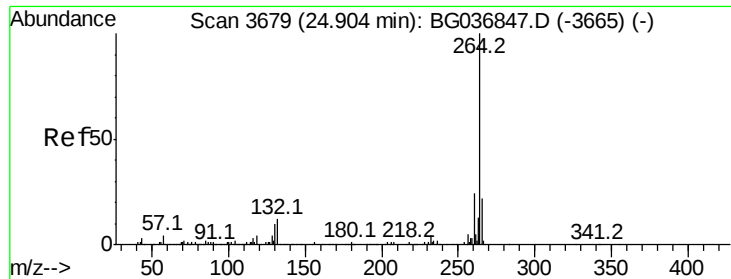


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

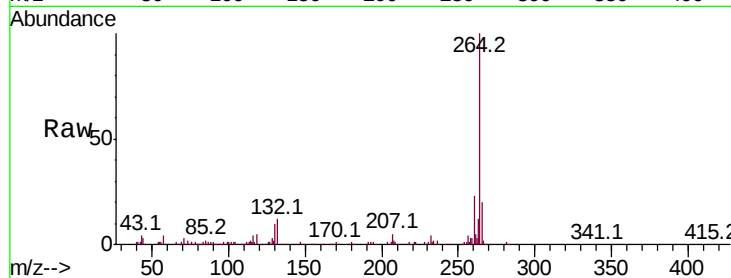




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036957.D
Acq: 25 Sep 2018 20:15

Instrument :
BNA_G
ClientSampleId :
230-KV-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.3	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

