

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035808.D
 Acq On : 21 Jul 2018 7:09
 Operator : JU/SJ
 Sample : J4062-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Jul 23 01:37:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46784	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	168359	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	110950	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	310345	20.00	ng	0.00
75) Chrysene-d12	21.66	240	349035	20.00	ng	0.00
86) Perylene-d12	24.85	264	330927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	362018	128.47	ng	0.00
7) Phenol-d6	7.20	99	449582	106.93	ng	0.00
23) Nitrobenzene-d5	9.19	82	373739	92.74	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	233904	159.95	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	831826	100.44	ng	0.00
78) Terphenyl-d14	20.00	244	1665440	105.18	ng	0.00

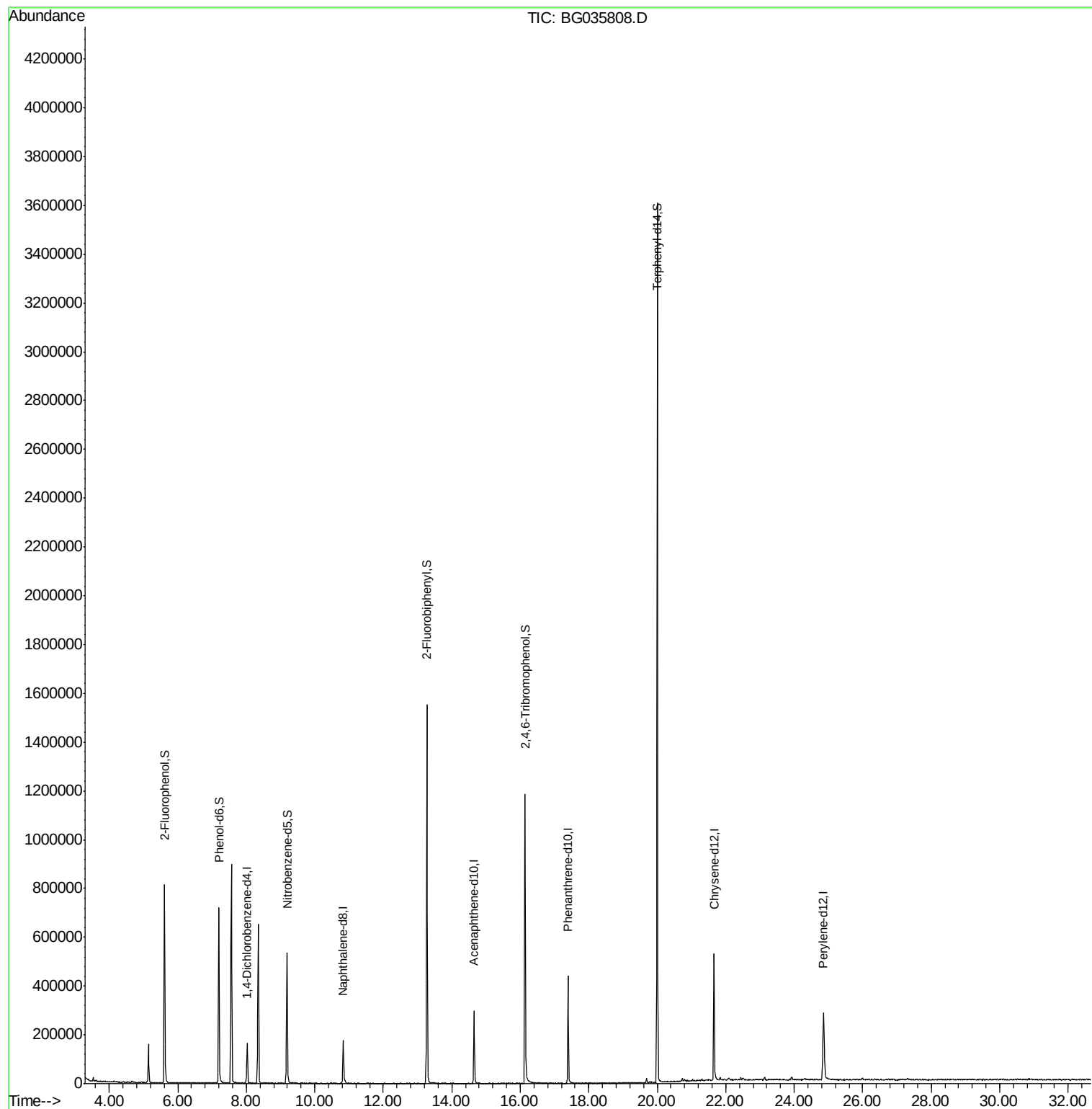
Target Compounds Qvalue

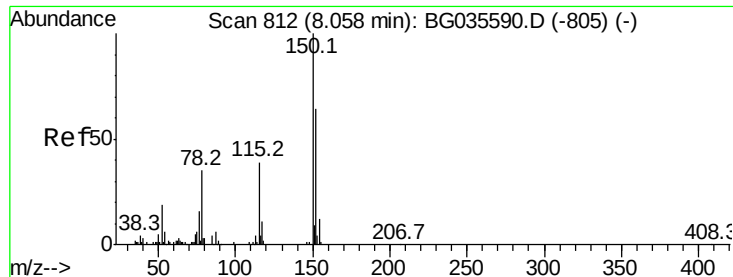
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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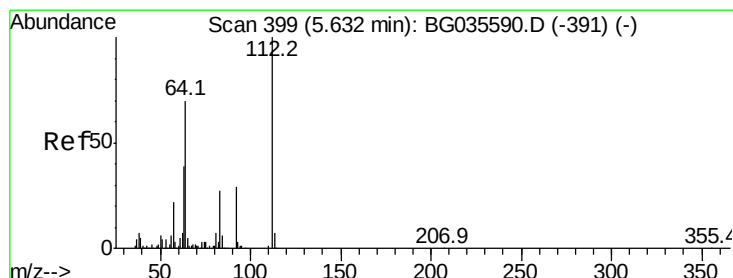
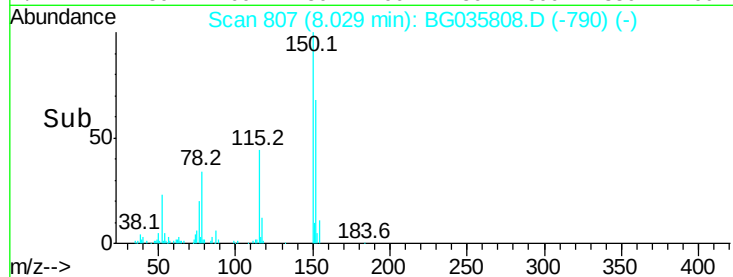
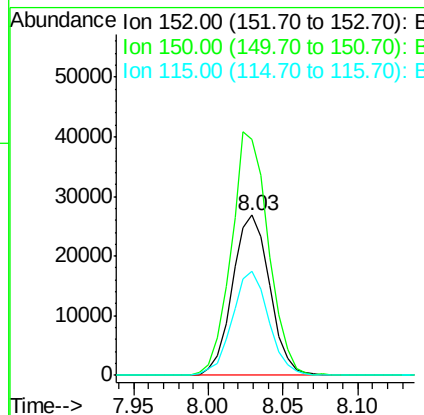
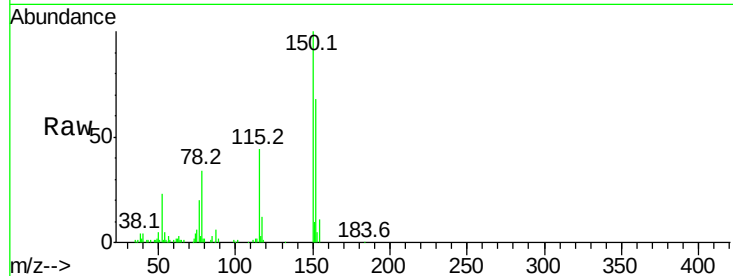


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

Instrument :
BNA_G
ClientSampleId :
TP-4

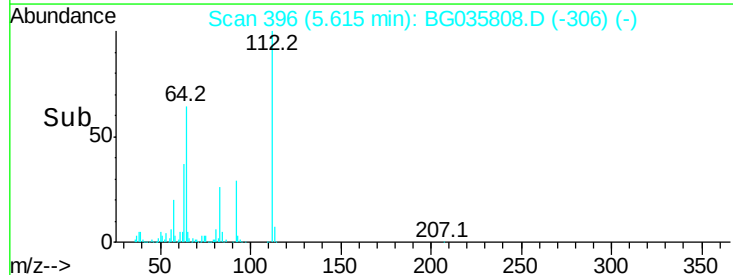
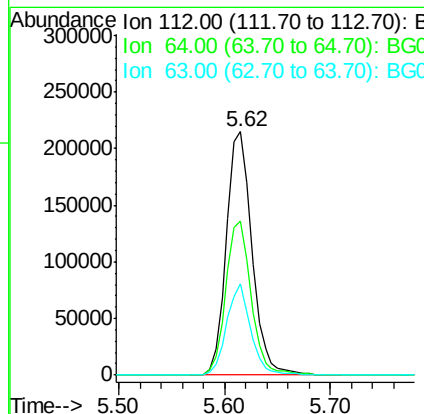
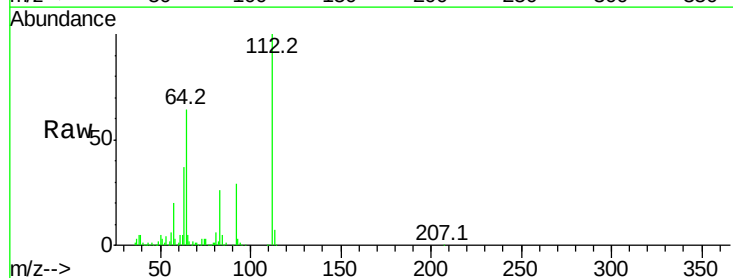
Tot Ion:152 Resp: 46784
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 64.6 53.0 79.4

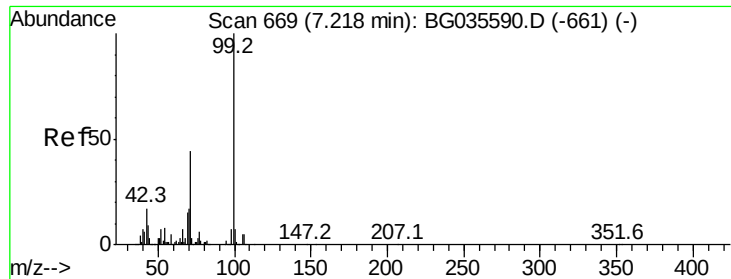


#5

2-Fluorophenol
Concen: 128.470 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

Tgt Ion:112 Resp: 362018
Ion Ratio Lower Upper
112 100
64 63.5 56.3 84.5
63 37.4 30.1 45.1





#7

Phenol-d6

Concen: 106.934 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

Instrument :

BNA_G

ClientSampleId :

TP-4

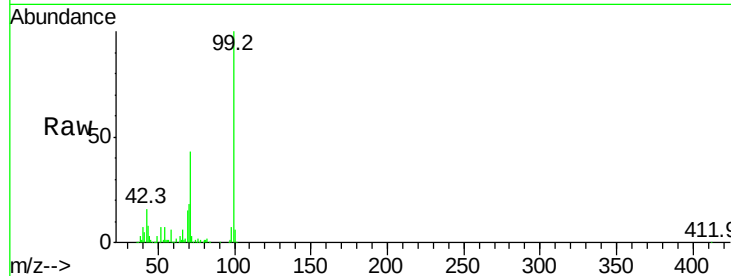
Tot Ion: 99 Resp: 449582

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

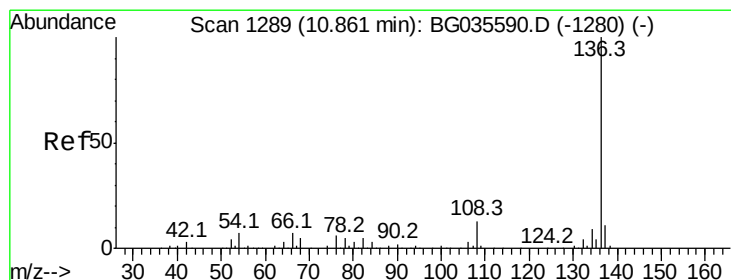
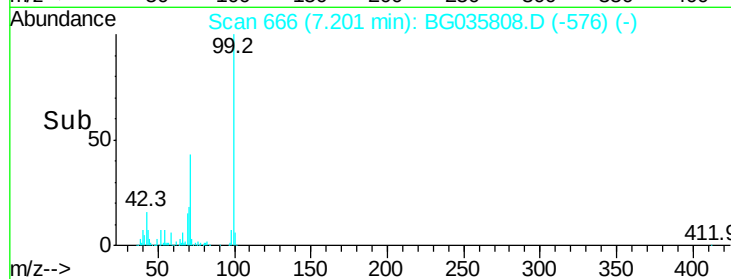
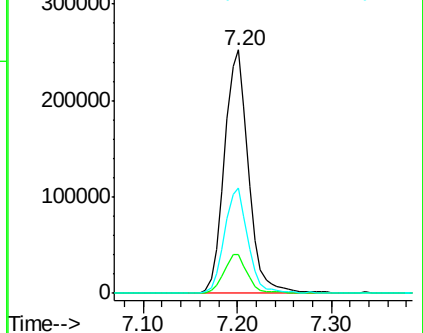
71 43.4 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

Tgt Ion: 136 Resp: 168359

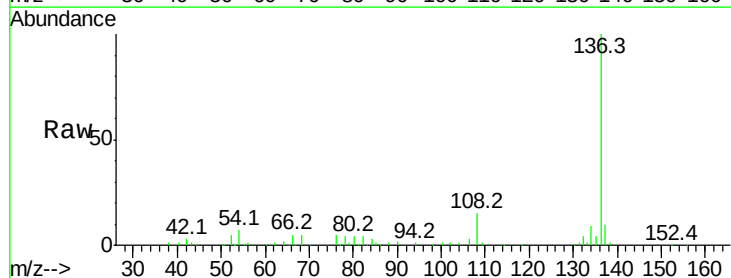
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 6.8 10.3 15.5#

68 5.4 4.5 6.7

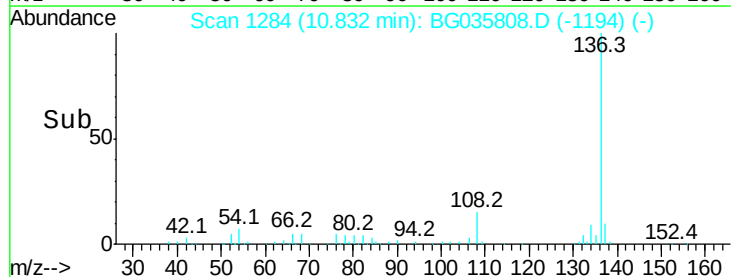
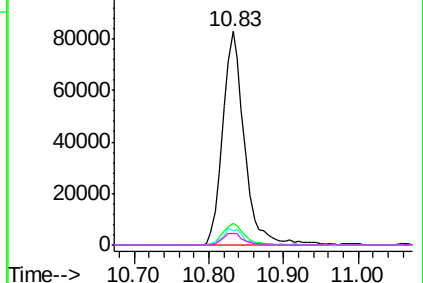


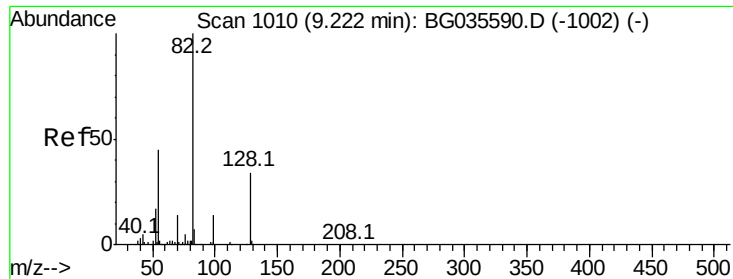
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

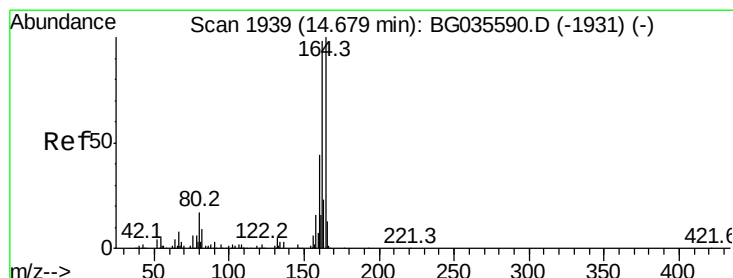
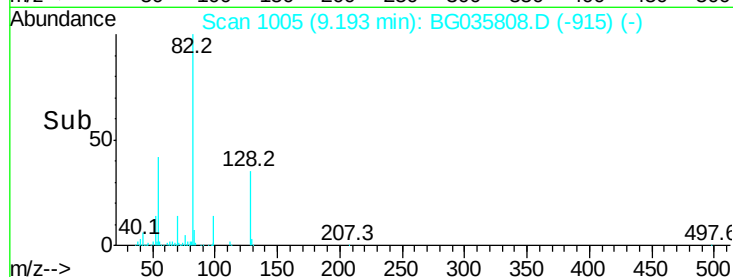
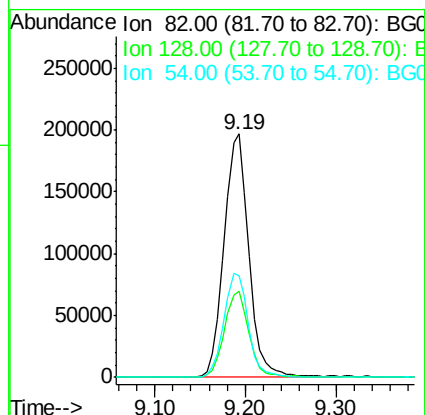
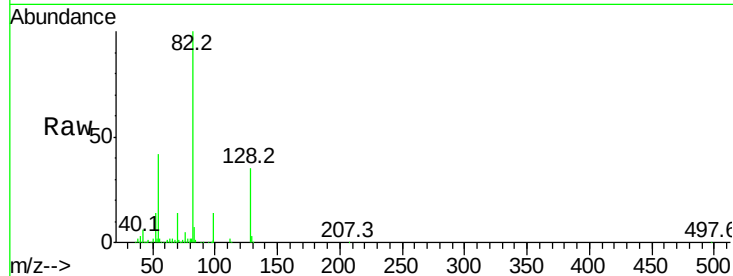




#23
 Nitrobenzene-d5
 Concen: 92.735 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035808.D
 Acq: 21 Jul 2018 7:09

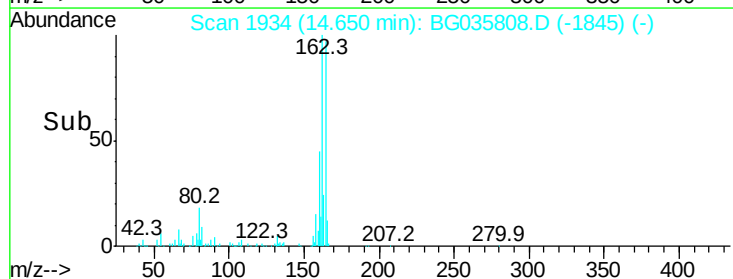
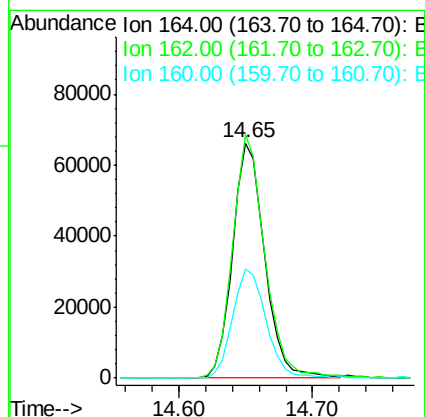
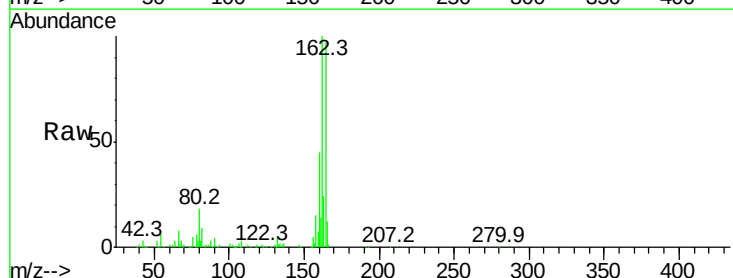
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

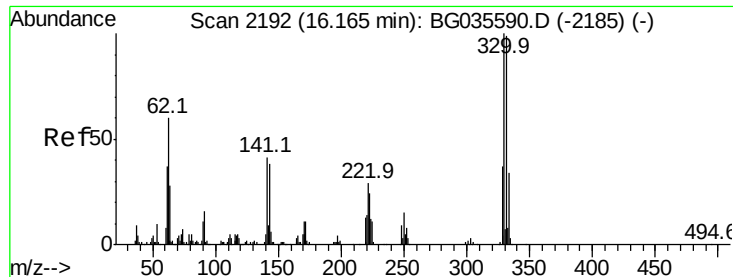
Tot Ion	82	Resp	373739
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	41.9	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035808.D
 Acq: 21 Jul 2018 7:09

Tgt Ion	164	Resp	110950
Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	46.6	35.4	53.0

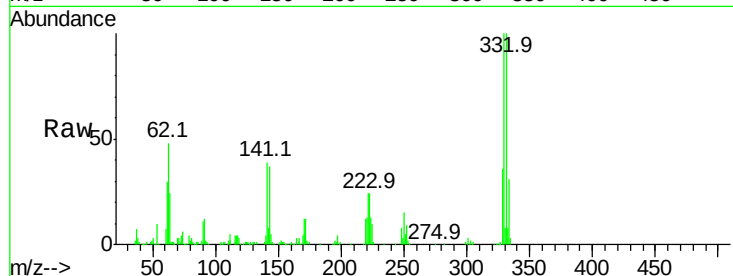




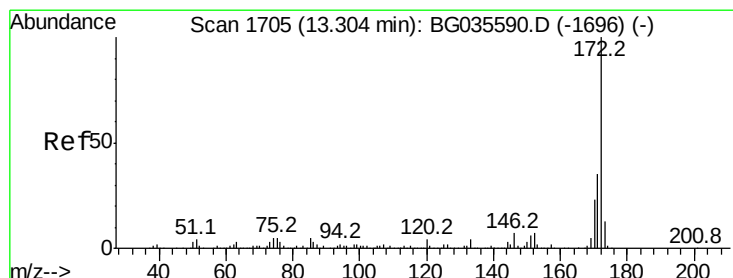
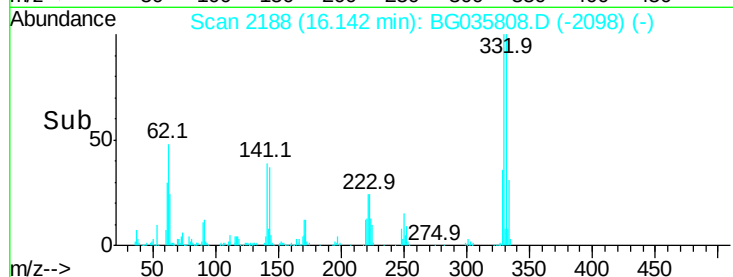
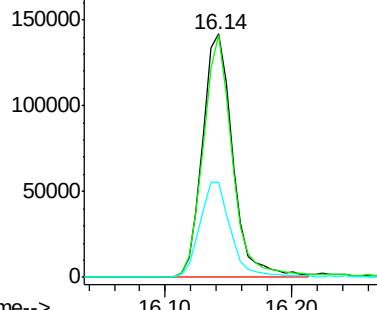
#41
2,4,6-Tribromophenol
Concen: 159.946 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:330 Resp: 233904
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 40.4 25.2 37.8#

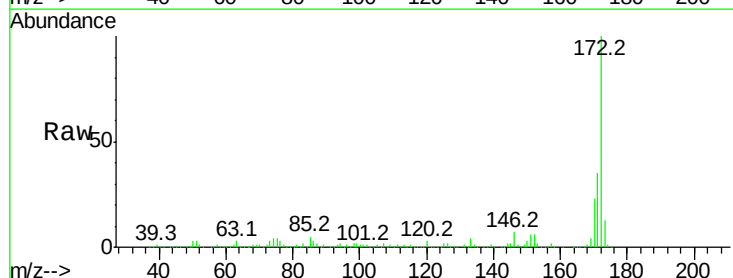


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

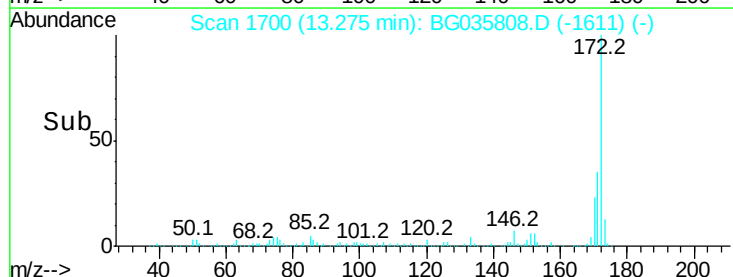
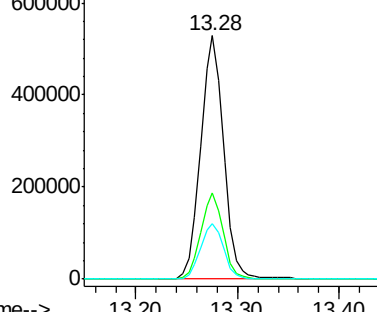


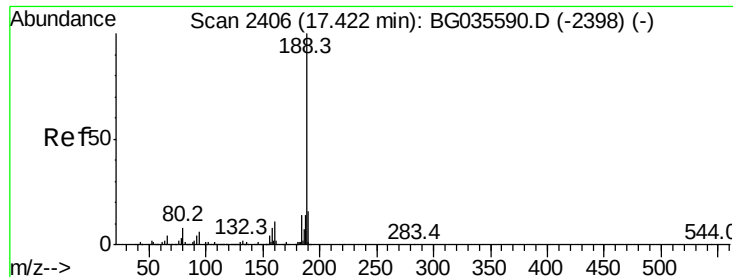
#44
2-Fluorobiphenyl
Concen: 100.444 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

Tgt Ion:172 Resp: 831826
Ion Ratio Lower Upper
172 100
171 35.3 30.0 45.0
170 22.8 19.5 29.3



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

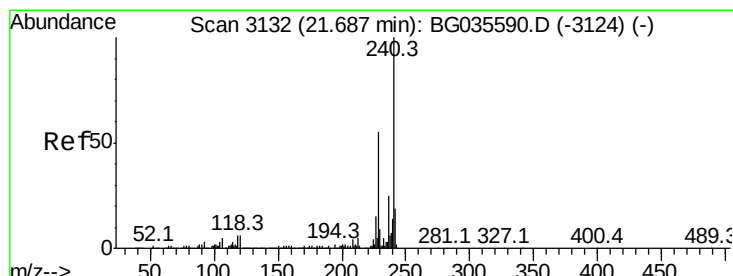
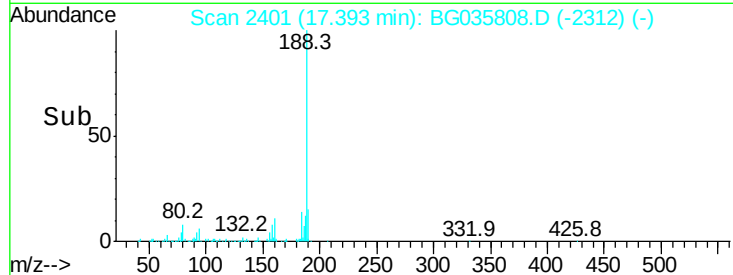
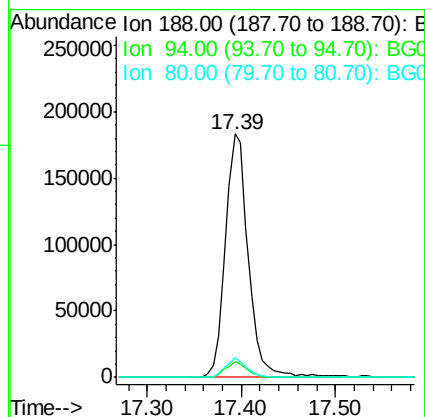
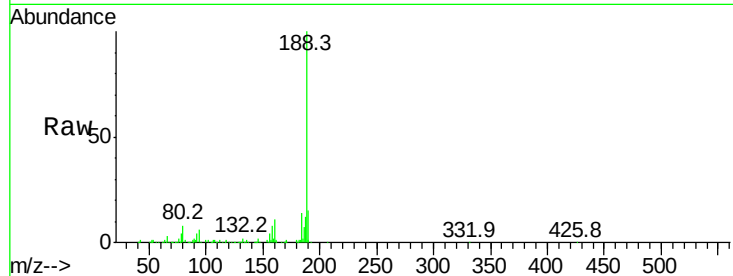




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

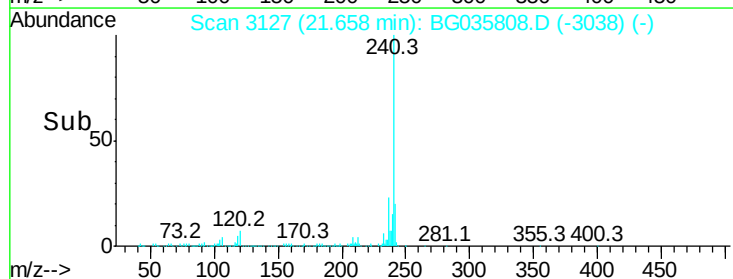
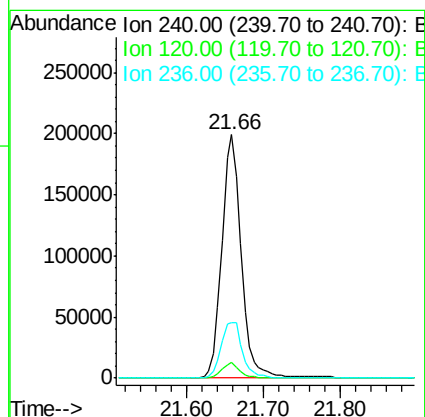
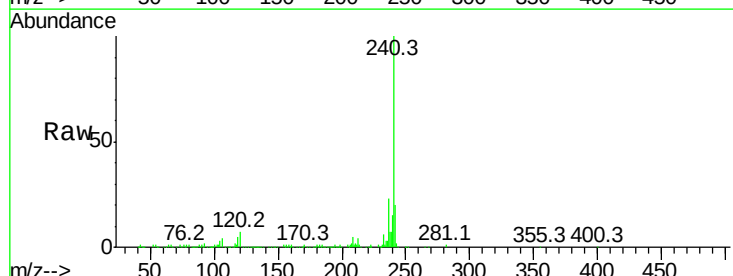
Instrument :
BNA_G
ClientSampleId :
TP-4

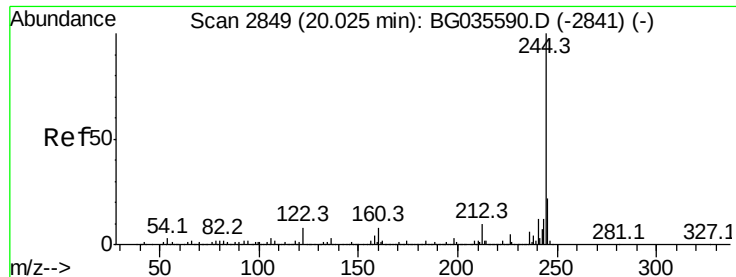
Tot Ion:188 Resp: 310345
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

Tgt Ion:240 Resp: 349035
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 23.0 20.9 31.3





#78

Terphenyl-d14

Concen: 105.179 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

Instrument :

BNA_G

ClientSampleId :

TP-4

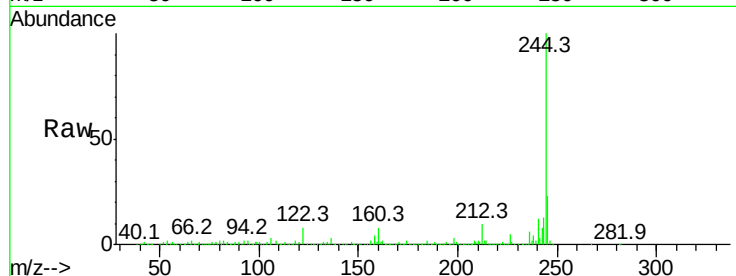
Tot Ion:244 Resp: 1665440

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

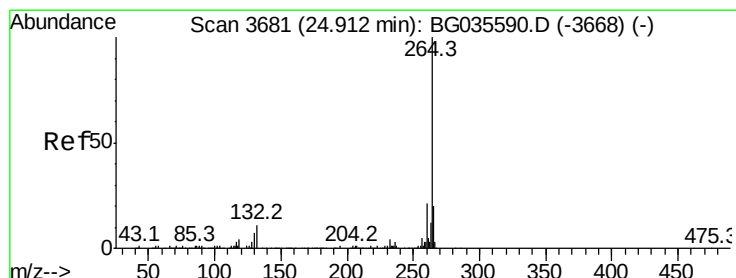
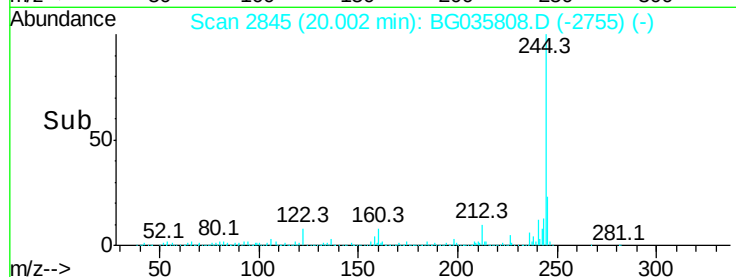
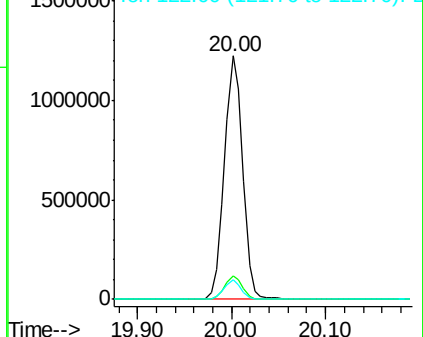
122 7.9 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

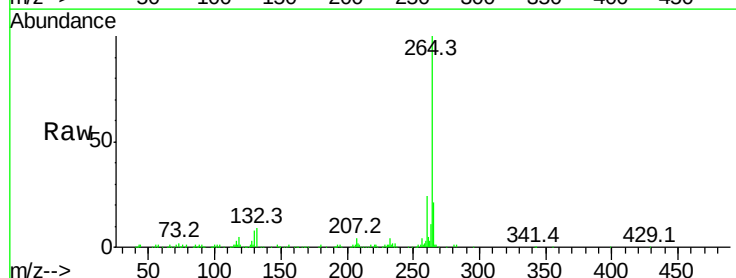
Tgt Ion:264 Resp: 330927

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.3 17.7 26.5



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

