

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036258.D
 Acq On : 10 Aug 2018 8:01
 Operator : JU/SJ
 Sample : J4398-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(37-42)

Quant Time: Aug 10 08:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

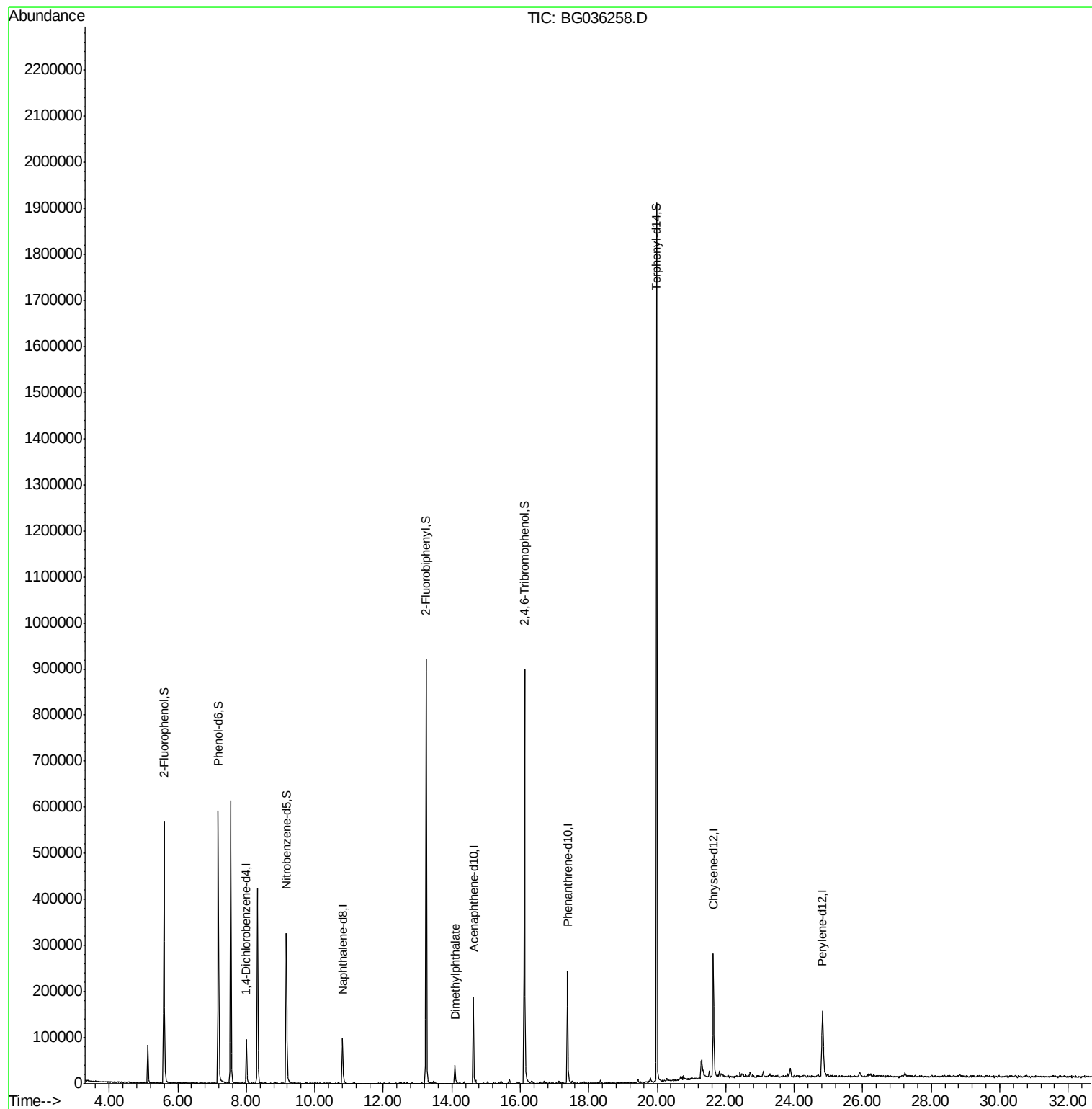
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26461	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	96478	20.00	ng	-0.03
38) Acenaphthene-d10	14.63	164	71192	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	177947	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	190265	20.00	ng	-0.02
86) Perylene-d12	24.83	264	178304	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	252165	158.22	ng	0.00
7) Phenol-d6	7.18	99	373685	157.15	ng	-0.01
23) Nitrobenzene-d5	9.17	82	242054	104.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	175992	187.55	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	526320	99.05	ng	-0.03
78) Terphenyl-d14	19.98	244	935400	108.37	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.09	163	35813	5.742	ng	Qvalue # 97

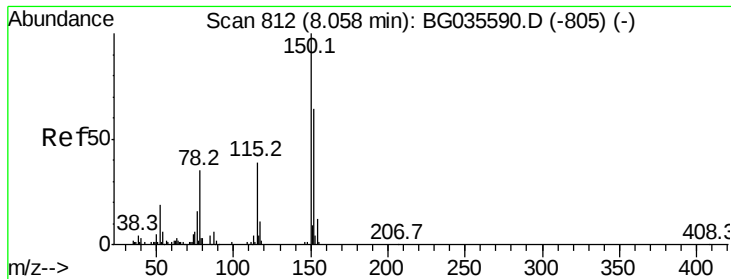
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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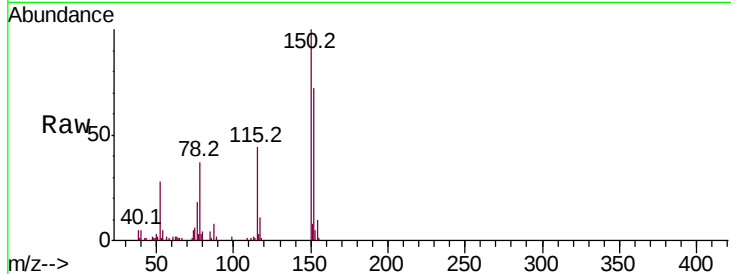


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036258.D
Acq: 10 Aug 2018 8:01

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(37-42)

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.7	126.6	189.8
115	61.2	53.0	79.4

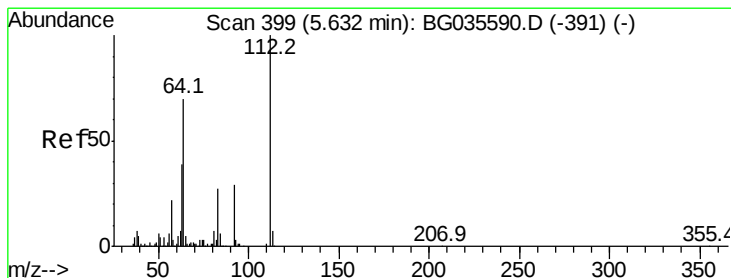
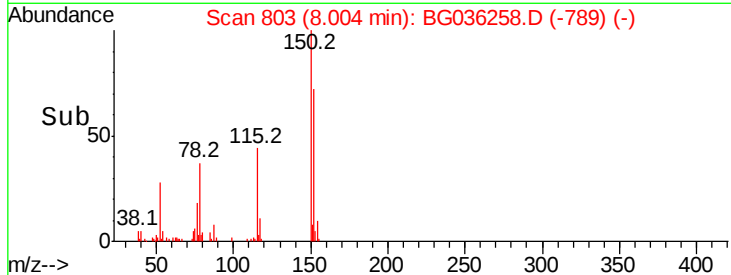
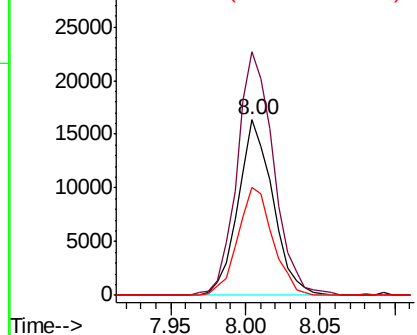


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

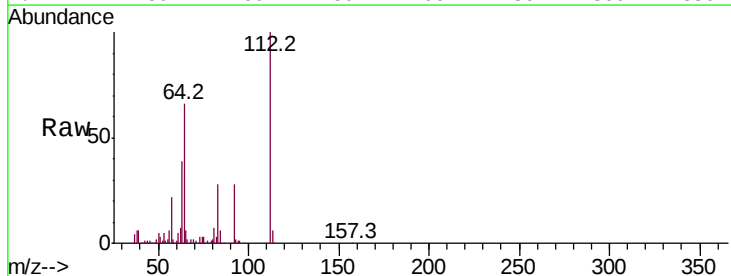
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.215 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036258.D
Acq: 10 Aug 2018 8:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	56.3	84.5
63	38.7	30.1	45.1

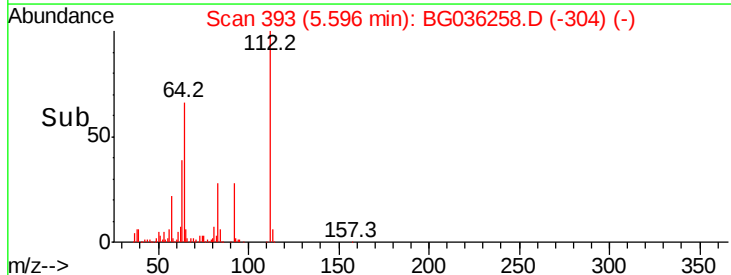
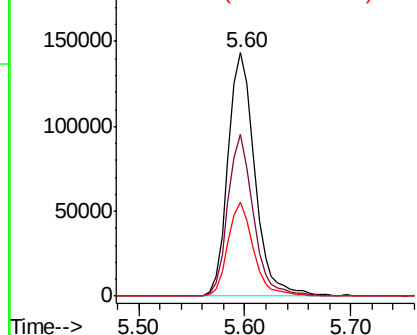


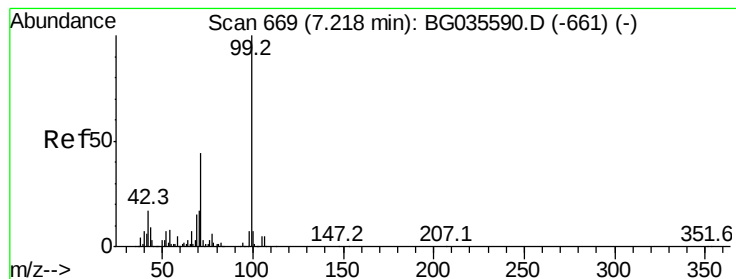
Abundance

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: 157.146 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036258.D

Acq: 10 Aug 2018 8:01

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(37-42)

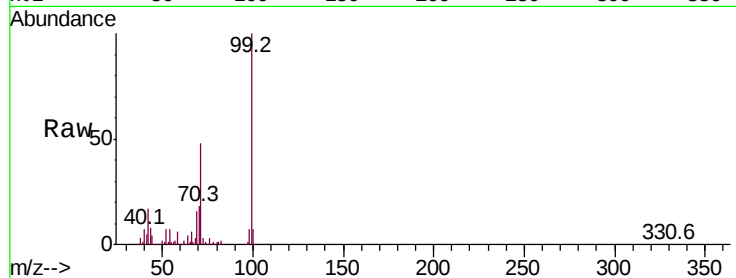
Tot Ion: 99 Resp: 373685

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

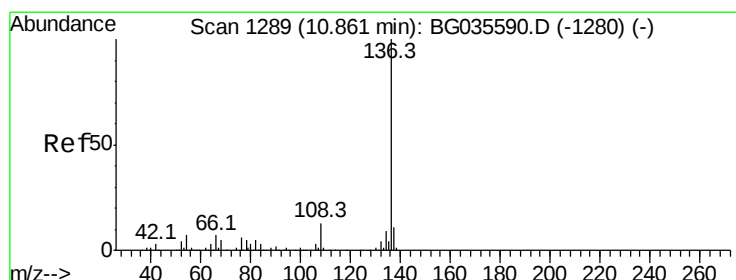
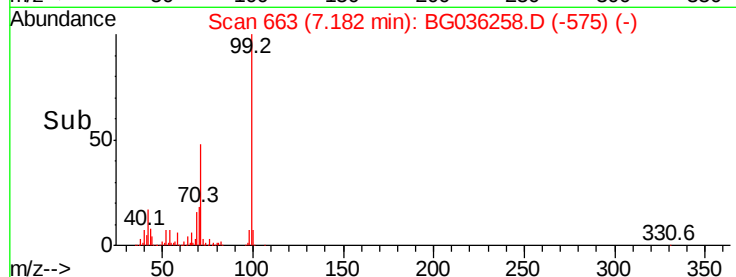
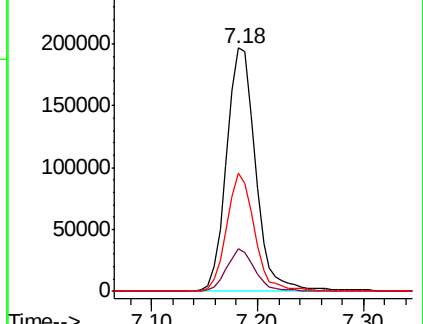
71 48.4 26.1 39.1#



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: 10.81 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BG036258.D

Acq: 10 Aug 2018 8:01

Tgt Ion: 136 Resp: 96478

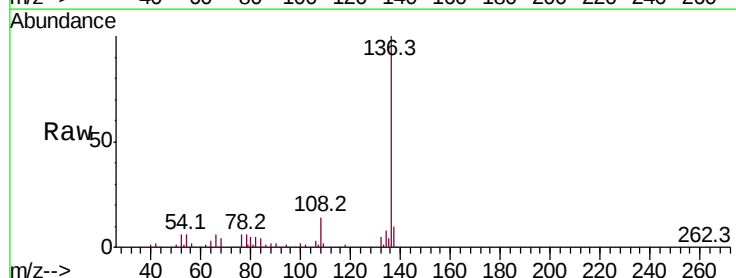
Ion Ratio Lower Upper

136 100

137 9.8 9.2 13.8

54 6.1 10.3 15.5#

68 4.5 4.5 6.7#

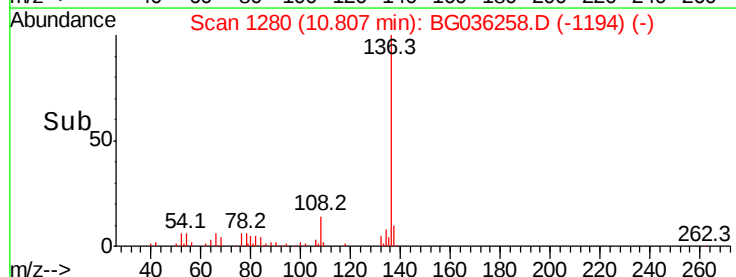
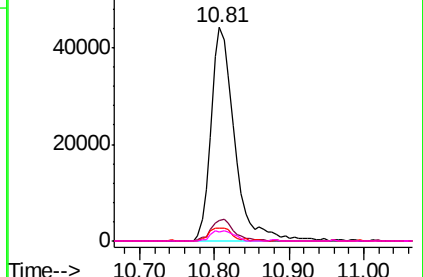


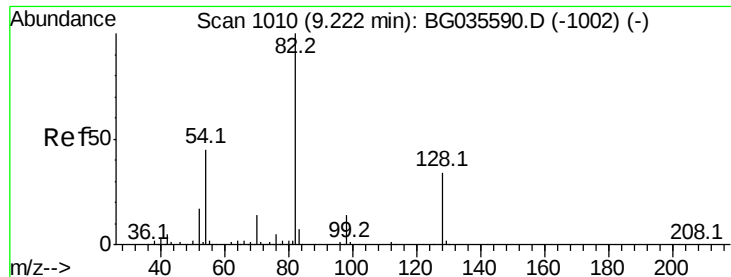
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

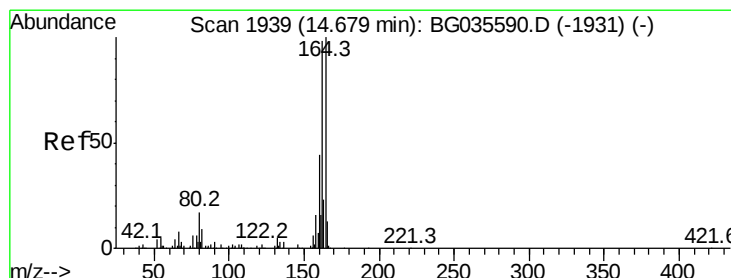
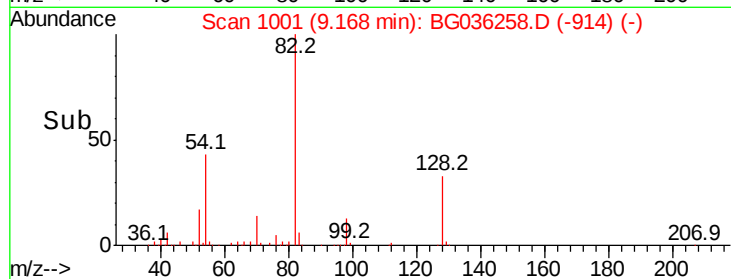
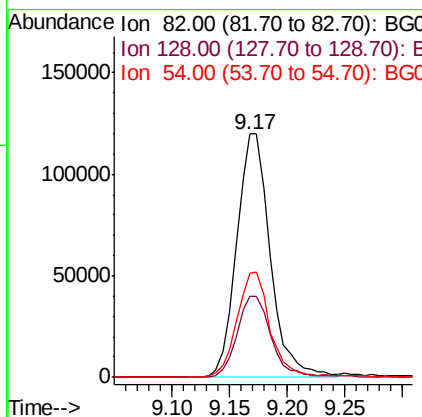
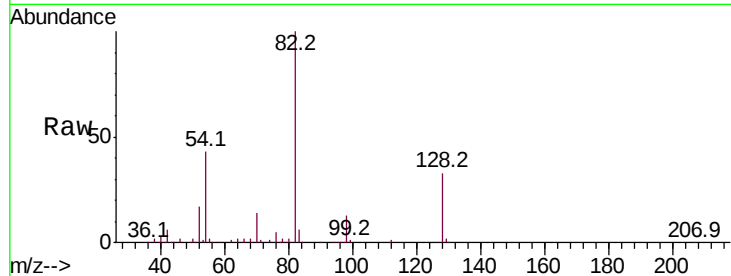




#23
Nitrobenzene-d5
Concen: 104.809 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036258.D
Acq: 10 Aug 2018 8:01

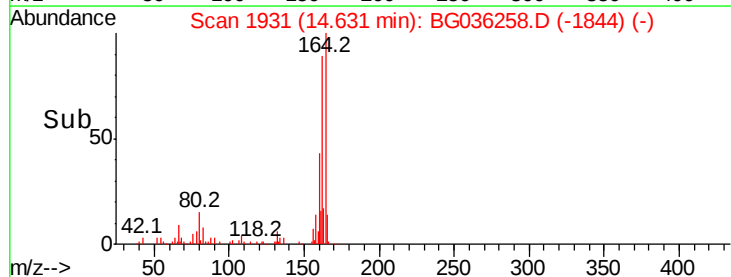
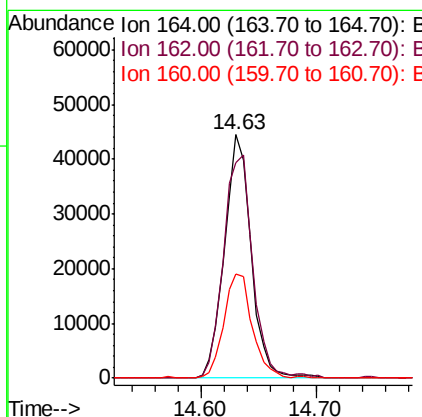
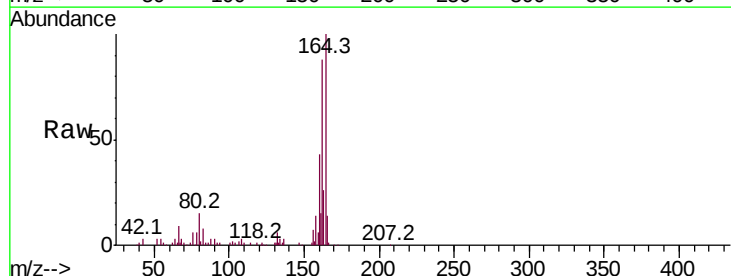
Instrument :
BNA_G
ClientSampleId :
EPE-P10A(37-42)

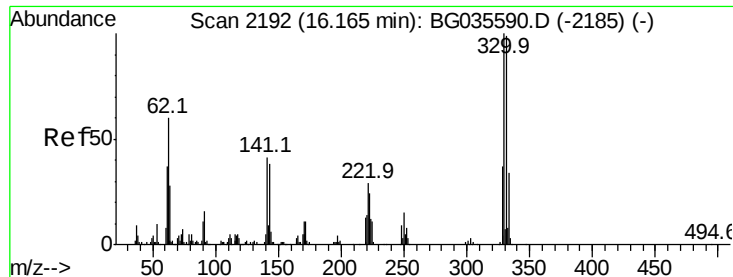
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	42.6	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036258.D
Acq: 10 Aug 2018 8:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	88.5	78.8	118.2
160	42.7	35.4	53.0

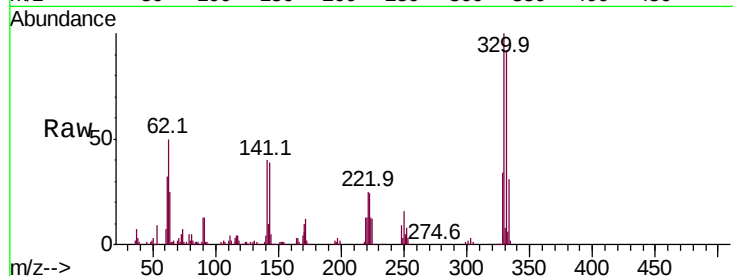




#41
 2,4,6-Tribromophenol
 Concen: 187.553 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036258.D
 Acq: 10 Aug 2018 8:01

Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(37-42)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	38.7	25.2	37.8#

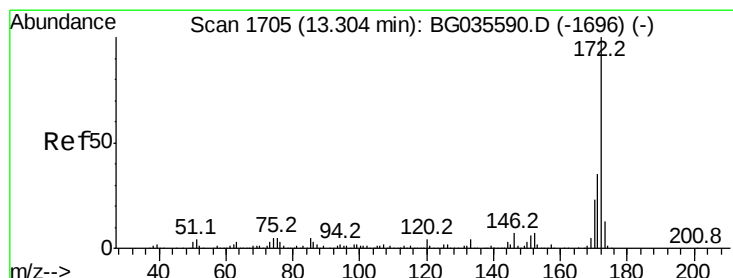
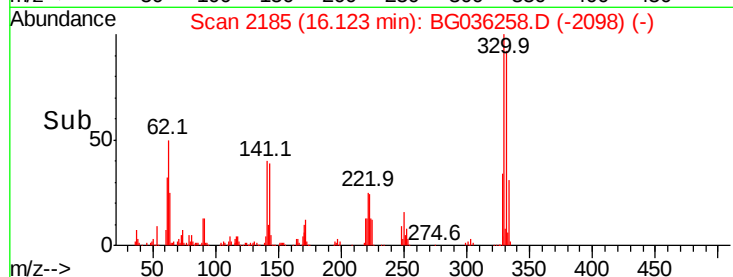
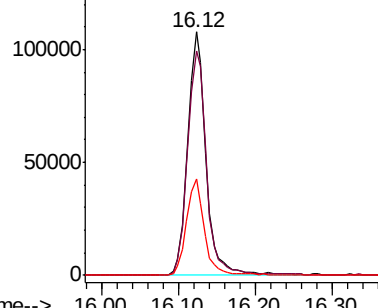


Abundance

Ion 329.80 (329.50 to 330.50): E

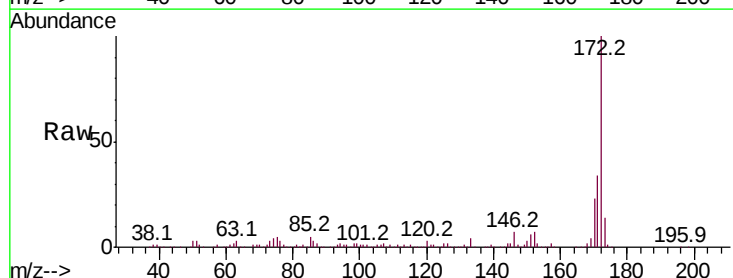
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.047 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.03 min
 Lab File: BG036258.D
 Acq: 10 Aug 2018 8:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.4	19.5	29.3

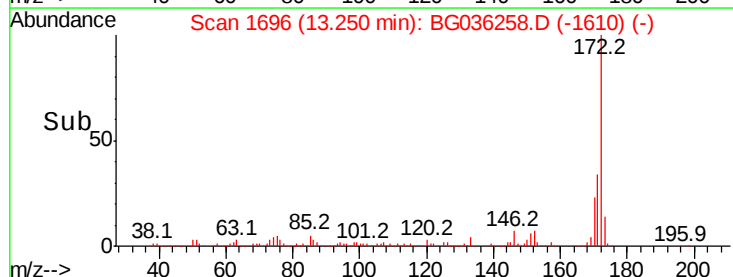
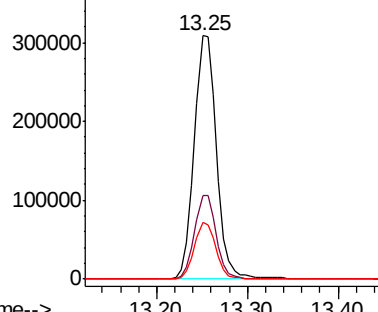


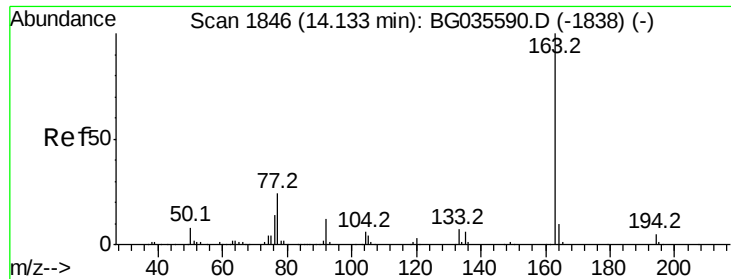
Abundance

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





#49

Dimethylphthalate

Concen: 5.742 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036258.D

Acq: 10 Aug 2018 8:01

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(37-42)

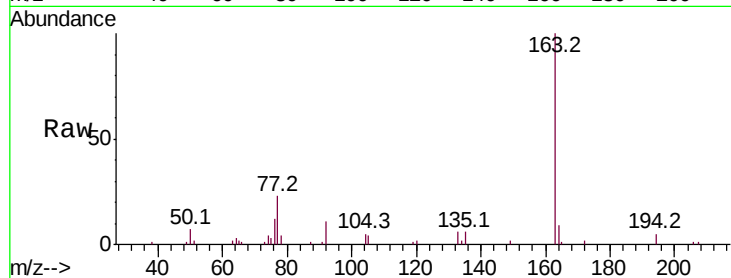
Tot Ion:163 Resp: 35813

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

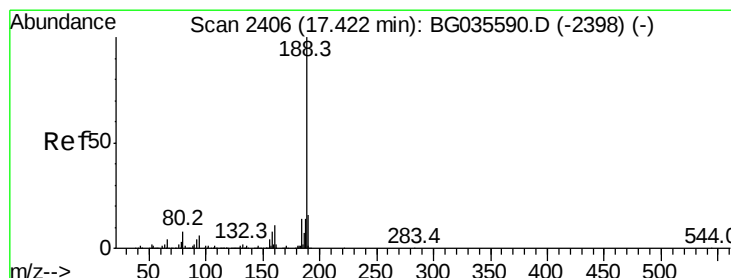
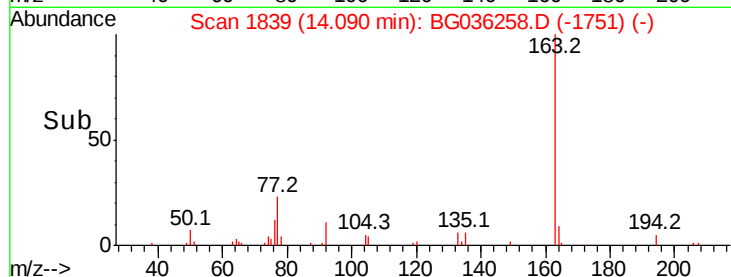
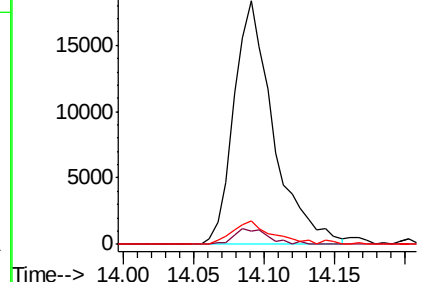
164 9.4 8.2 12.4



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: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036258.D

Acq: 10 Aug 2018 8:01

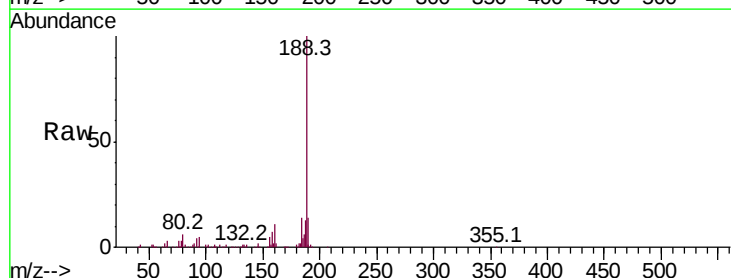
Tgt Ion:188 Resp: 177947

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

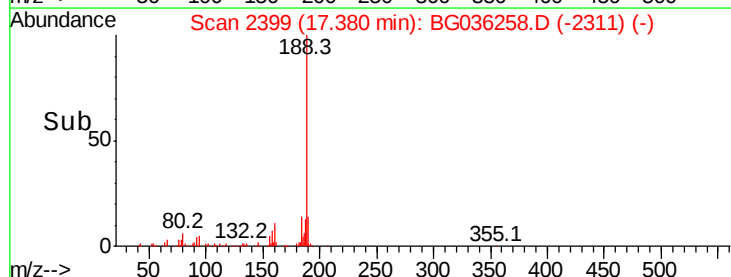
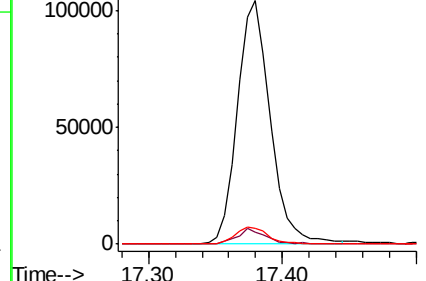
80 6.4 7.7 11.5#

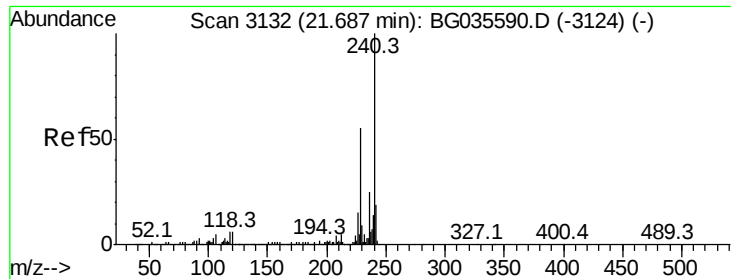


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036258.D

Acq: 10 Aug 2018 8:01

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(37-42)

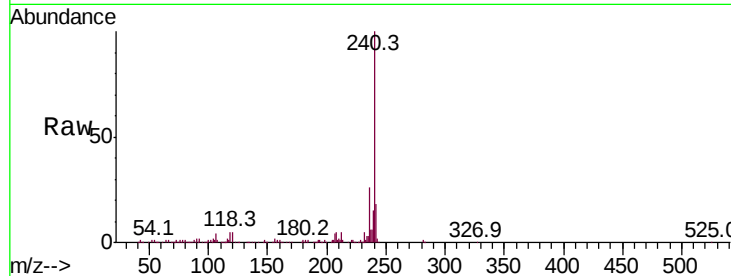
Tot Ion:240 Resp: 190265

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

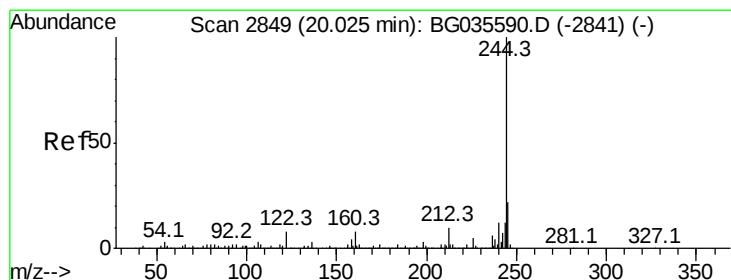
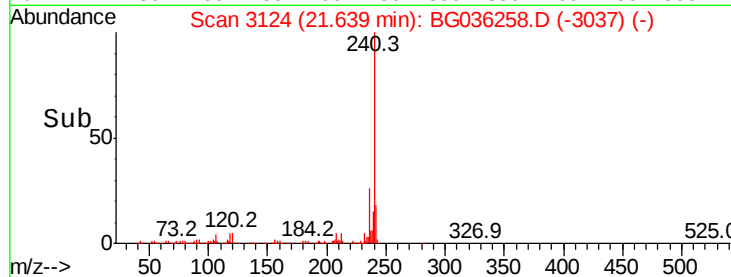
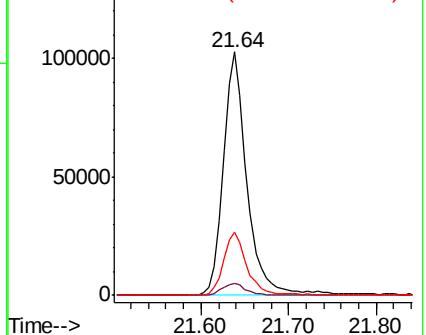
236 26.1 20.9 31.3



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: 108.370 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036258.D

Acq: 10 Aug 2018 8:01

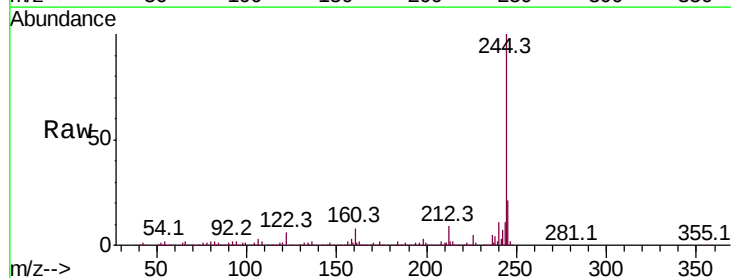
Tgt Ion:244 Resp: 935400

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

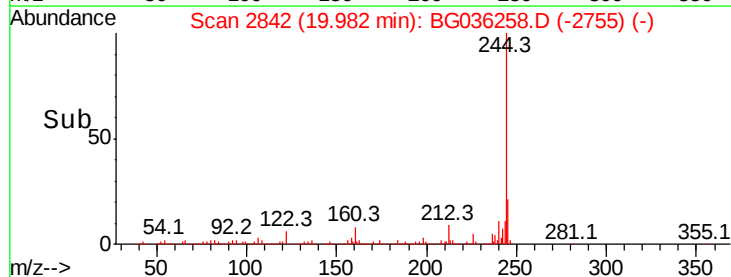
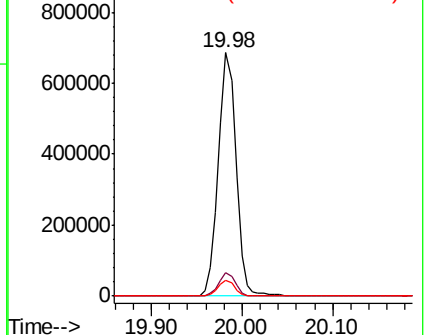
122 6.4 7.0 10.4#

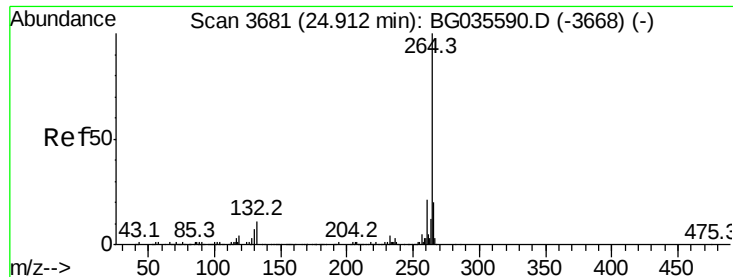


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036258.D
Acq: 10 Aug 2018 8:01

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(37-42)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	18.9	17.7	26.5

