

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036261.D
 Acq On : 10 Aug 2018 9:57
 Operator : JU/SJ
 Sample : J4398-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(0-5)

Quant Time: Aug 10 12:22:19 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

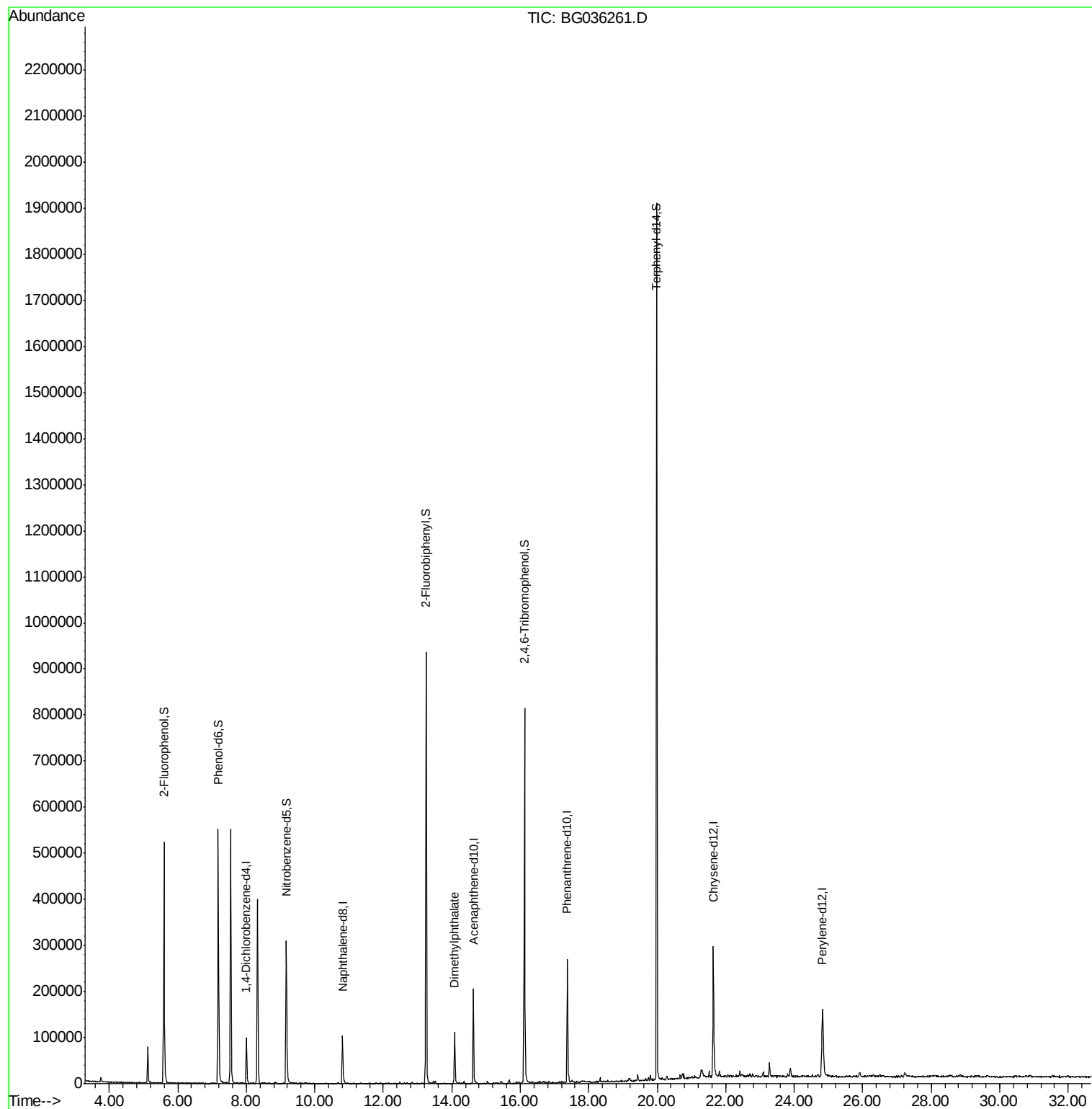
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26394	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	100734	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	70861	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	184309	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	196779	20.00	ng	-0.02
86) Perylene-d12	24.83	264	187923	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	232564	146.29	ng	0.00
7) Phenol-d6	7.18	99	333419	140.57	ng	-0.01
23) Nitrobenzene-d5	9.17	82	230223	95.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	161760	173.19	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	524764	99.22	ng	-0.02
78) Terphenyl-d14	19.98	244	930913	104.28	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.08	163	87340	14.068	ng	98

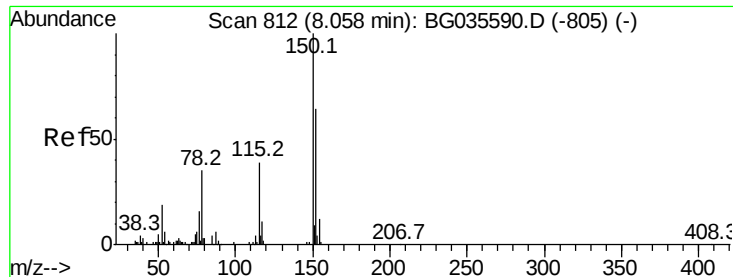
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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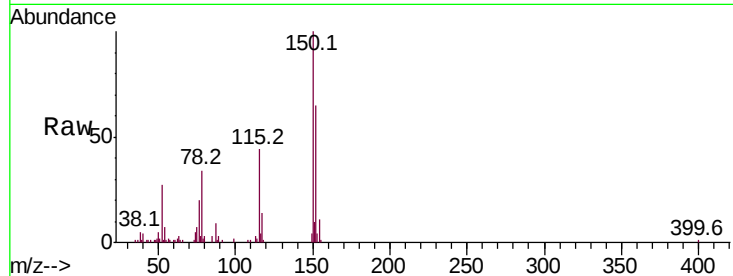


#1

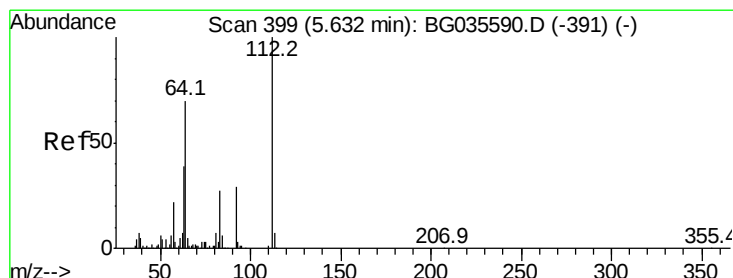
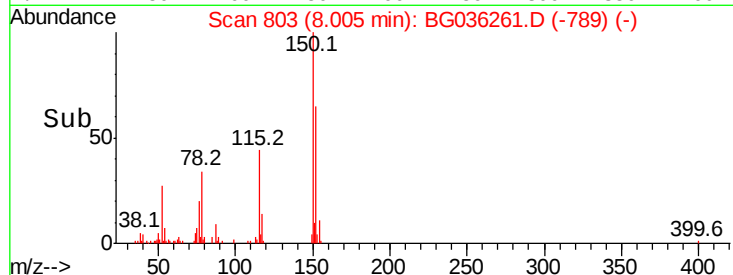
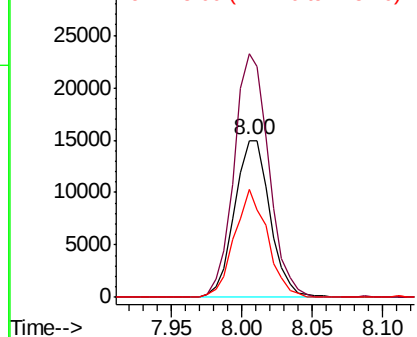
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tot Ion:152 Resp: 26394
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 68.6 53.0 79.4



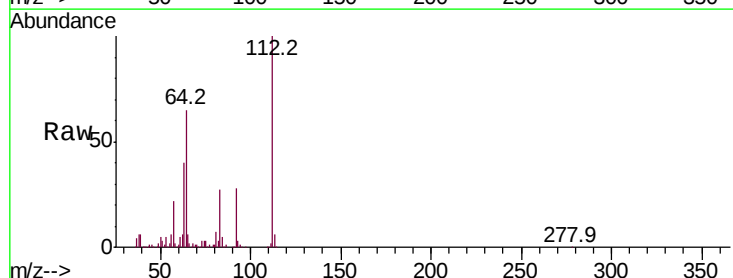
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



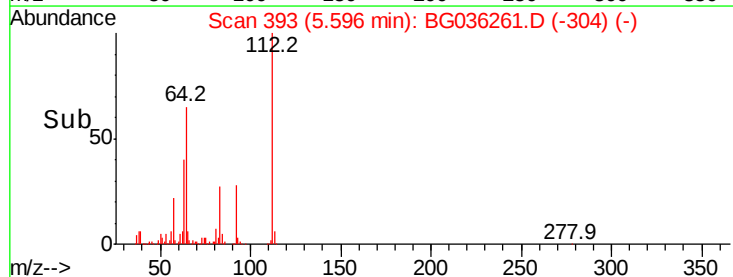
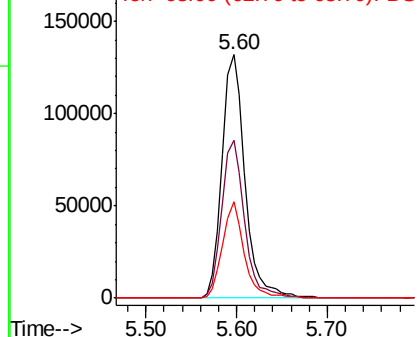
#5

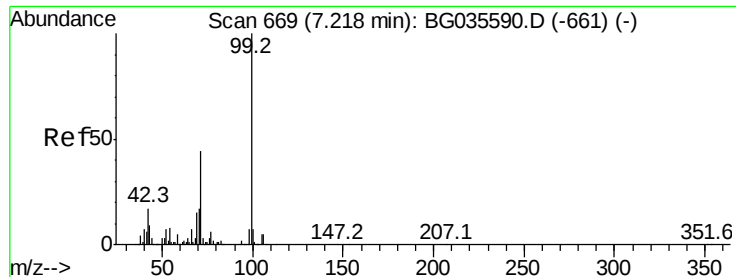
2-Fluorophenol
Concen: 146.287 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Tgt Ion:112 Resp: 232564
Ion Ratio Lower Upper
112 100
64 65.1 56.3 84.5
63 39.7 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: 140.569 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(0-5)

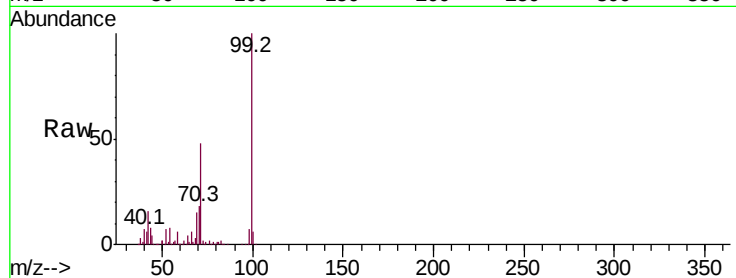
Tot Ion: 99 Resp: 333419

Ion Ratio Lower Upper

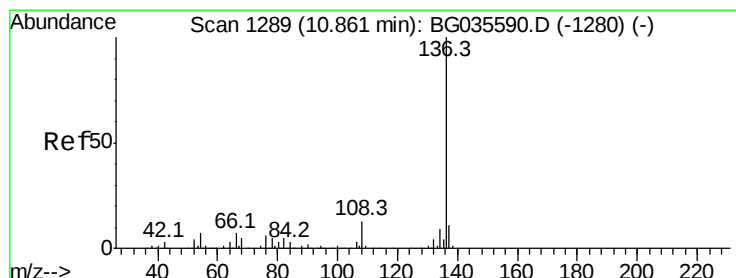
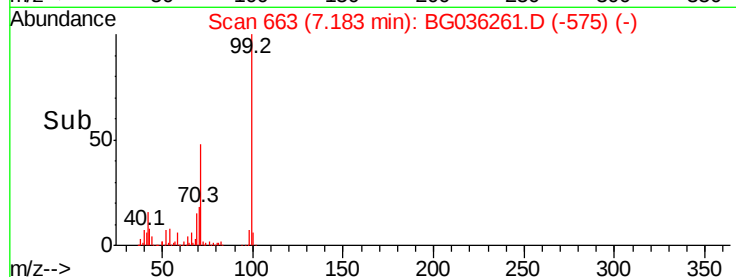
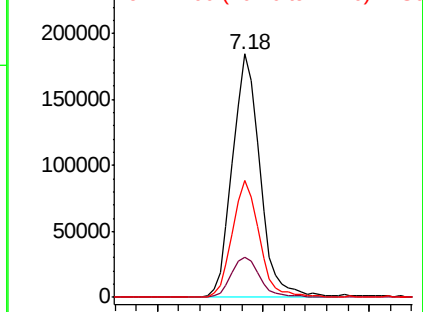
99 100

42 16.3 14.1 21.1

71 47.8 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# 1281

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

Tgt Ion: 136 Resp: 100734

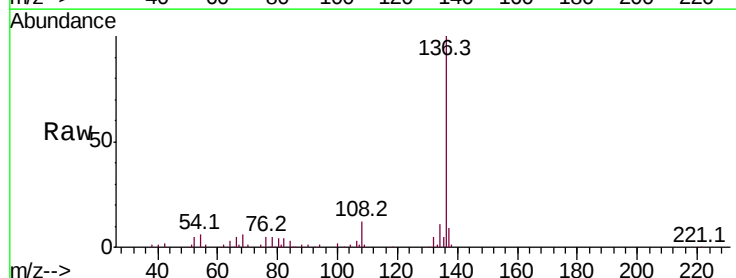
Ion Ratio Lower Upper

136 100

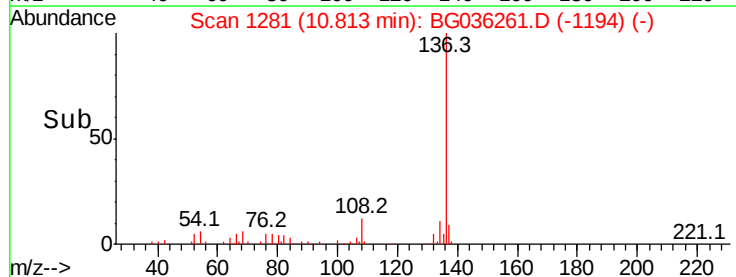
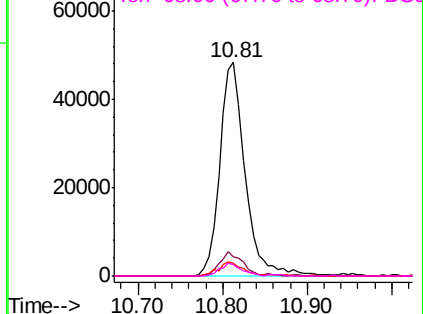
137 9.3 9.2 13.8

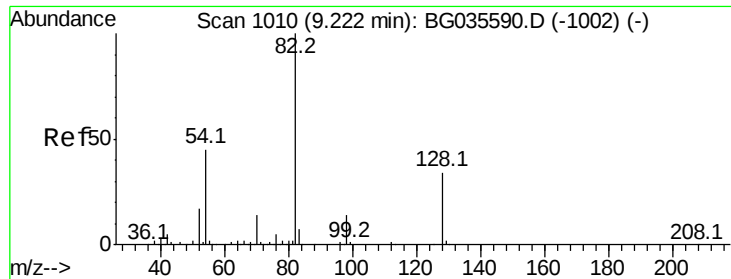
54 6.1 10.3 15.5#

68 5.5 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

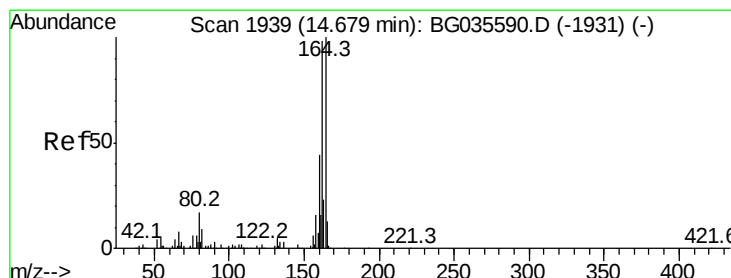
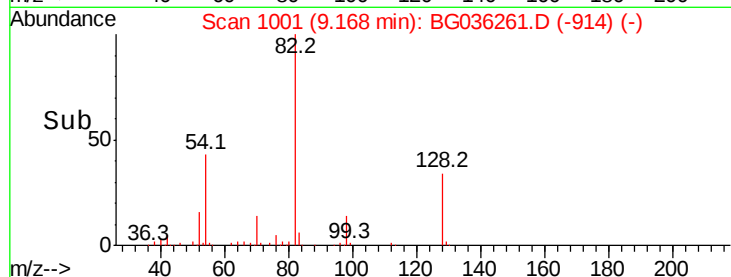
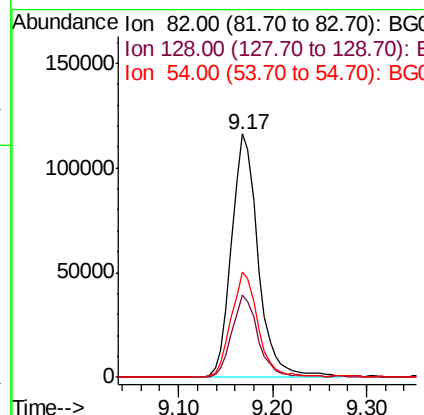
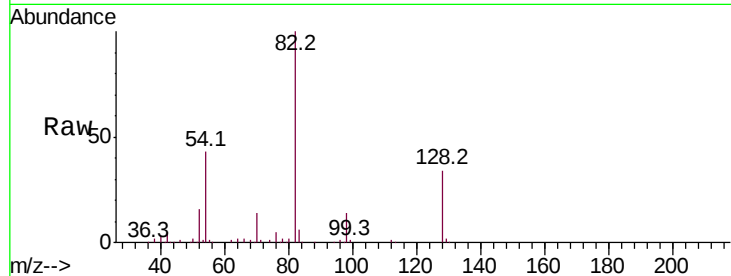




#23
 Nitrobenzene-d5
 Concen: 95.474 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036261.D
 Acq: 10 Aug 2018 9:57

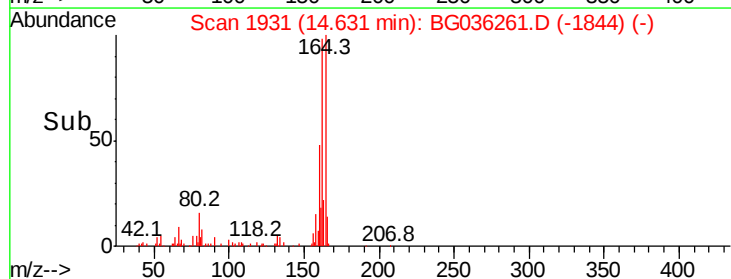
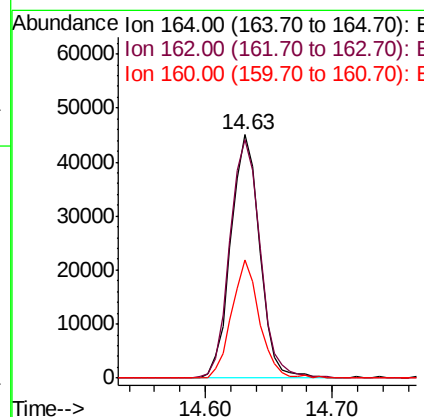
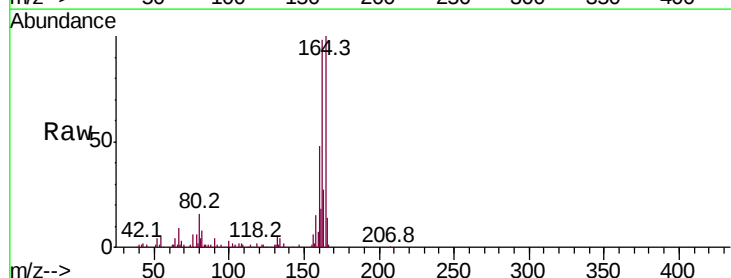
Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(0-5)

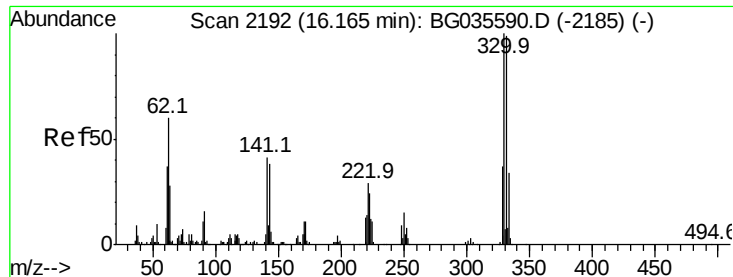
Tot Ion	82	Resp	230223
Ion Ratio	Lower	Upper	
82	100		
128	33.9	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036261.D
 Acq: 10 Aug 2018 9:57

Tgt Ion	164	Resp	70861
Ion Ratio	Lower	Upper	
164	100		
162	98.2	78.8	118.2
160	48.4	35.4	53.0

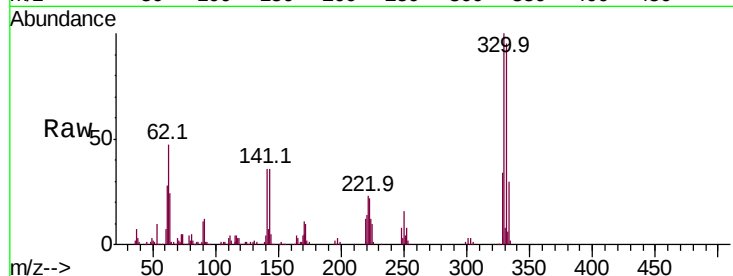




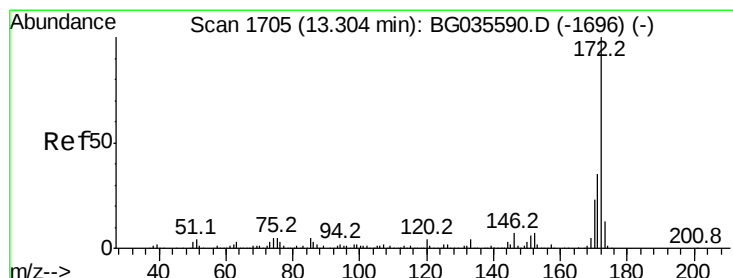
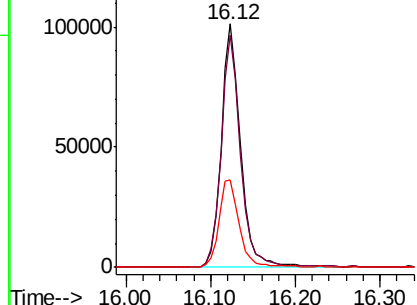
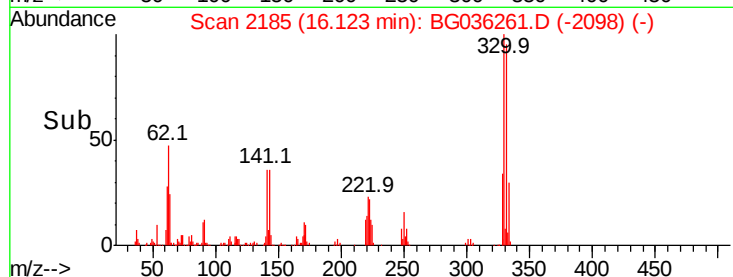
#41
 2,4,6-Tribromophenol
 Concen: 173.192 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036261.D
 Acq: 10 Aug 2018 9:57

Instrument :
 BNA_G
 ClientSampleId :
 EPE-P10A(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	38.2	25.2	37.8#

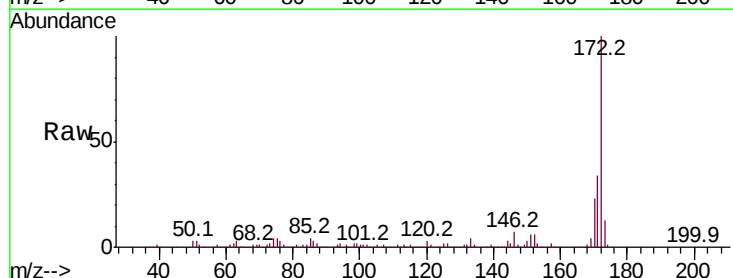


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

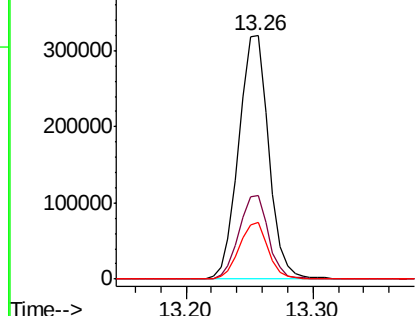
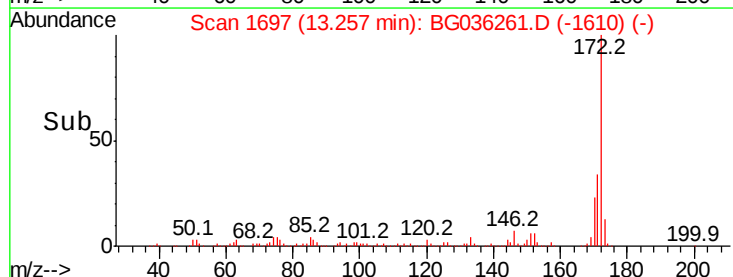


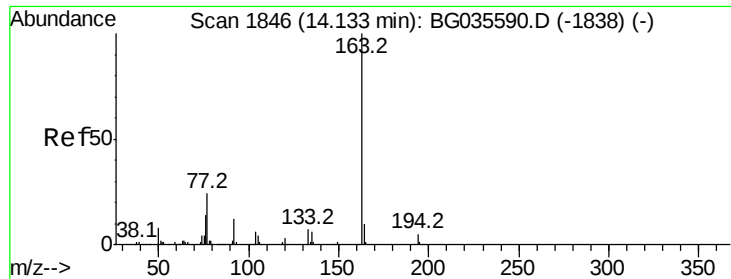
#44
 2-Fluorobiphenyl
 Concen: 99.215 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036261.D
 Acq: 10 Aug 2018 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	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: 14.068 ng

RT: 14.08 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(0-5)

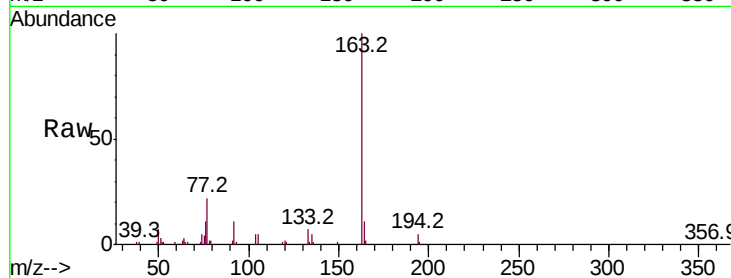
Tot Ion:163 Resp: 87340

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

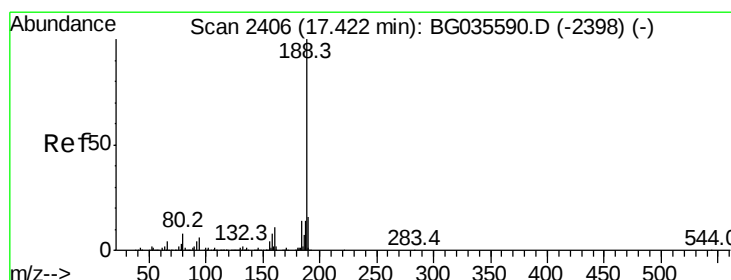
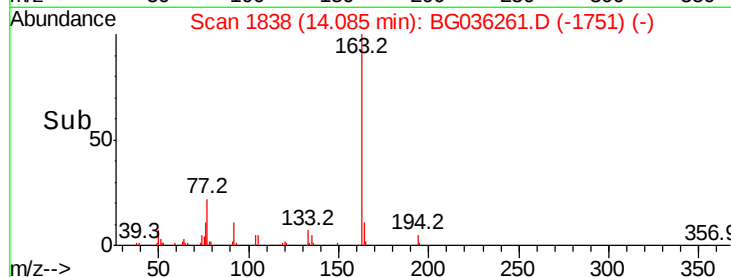
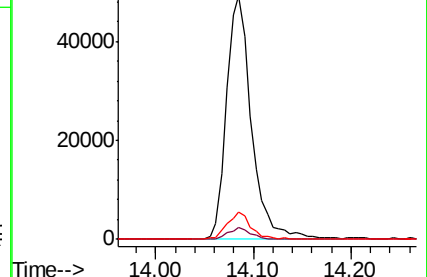
164 11.2 8.2 12.4



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: 17.37 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

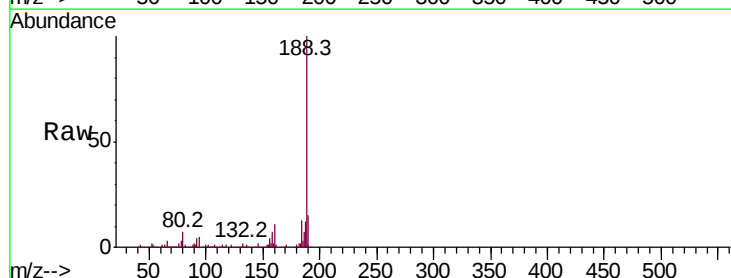
Tgt Ion:188 Resp: 184309

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

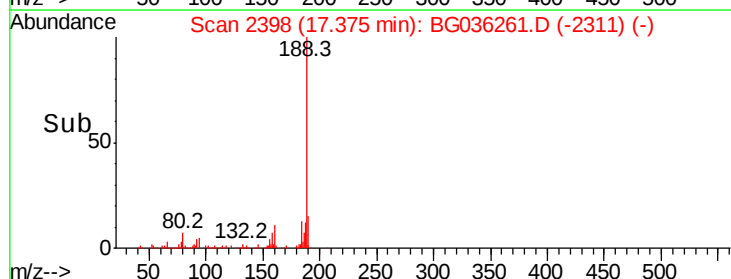
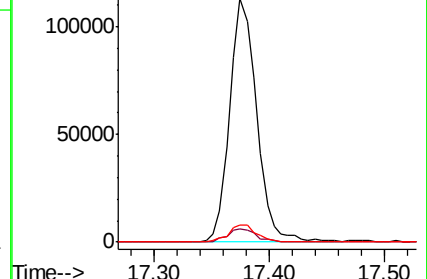
80 7.0 7.7 11.5#

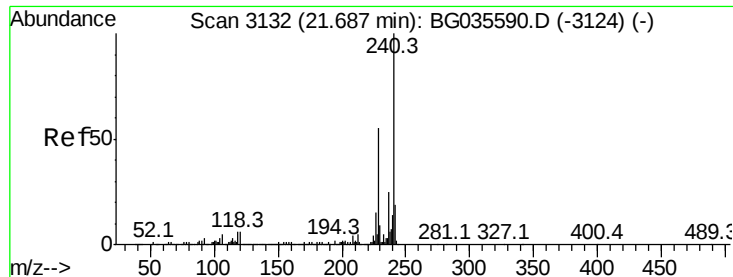


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

Instrument :

BNA_G

ClientSampleId :

EPE-P10A(0-5)

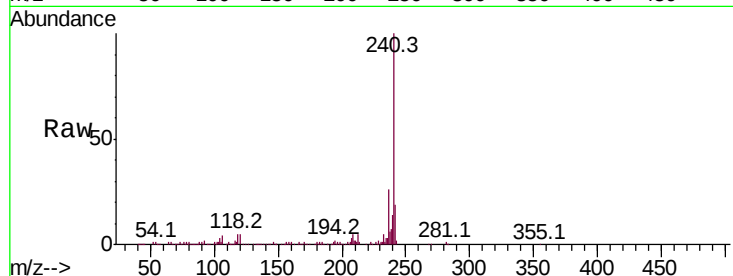
Tot Ion:240 Resp: 196779

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

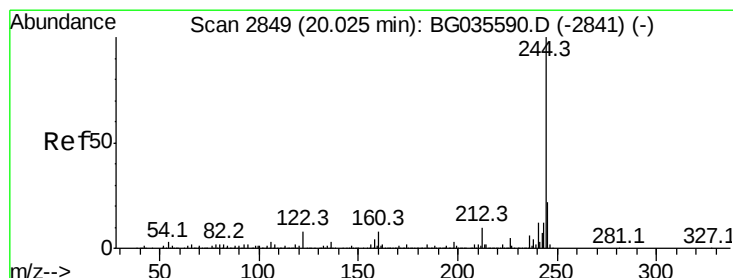
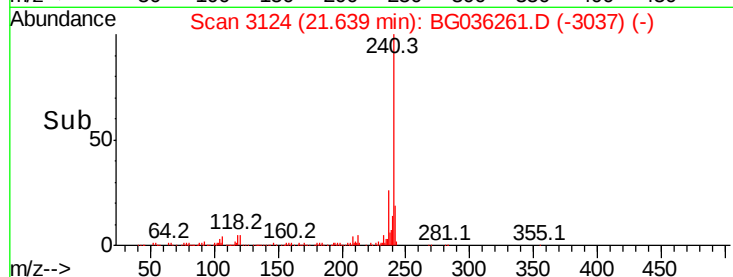
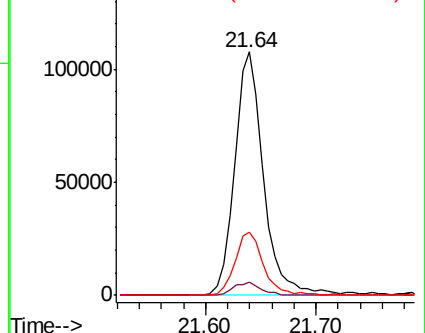
236 26.1 20.9 31.3



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: 104.280 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036261.D

Acq: 10 Aug 2018 9:57

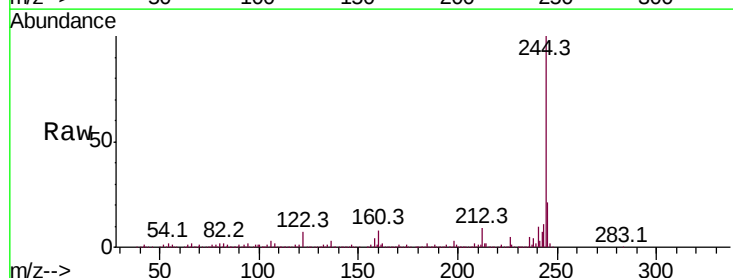
Tgt Ion:244 Resp: 930913

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

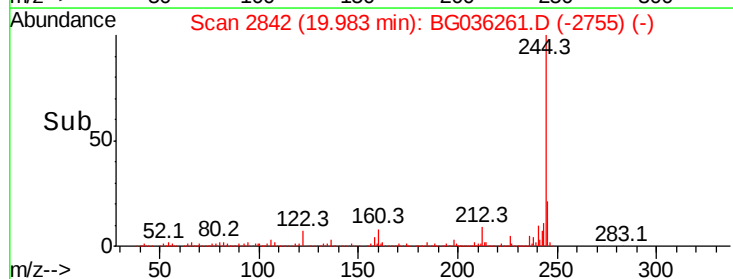
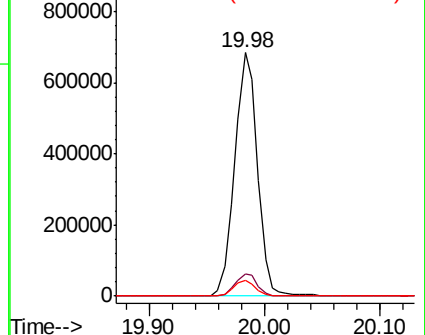
122 6.7 7.0 10.4#

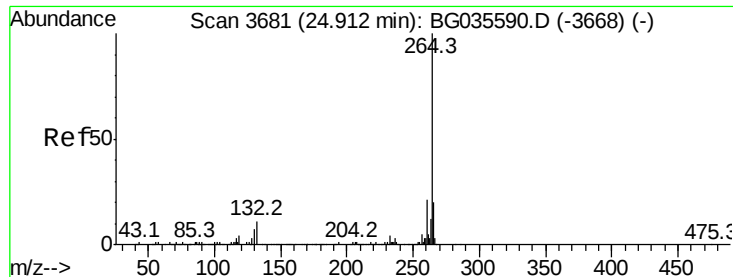


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

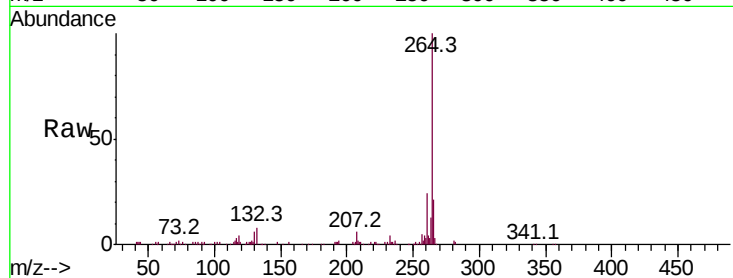




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036261.D
Acq: 10 Aug 2018 9:57

Instrument :
BNA_G
ClientSampleId :
EPE-P10A(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.6	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

