

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035188.D
 Acq On : 16 Jun 2018 1:32
 Operator : SJ/JU
 Sample : J3518-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-7(60-62)

Quant Time: Jun 16 04:04:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

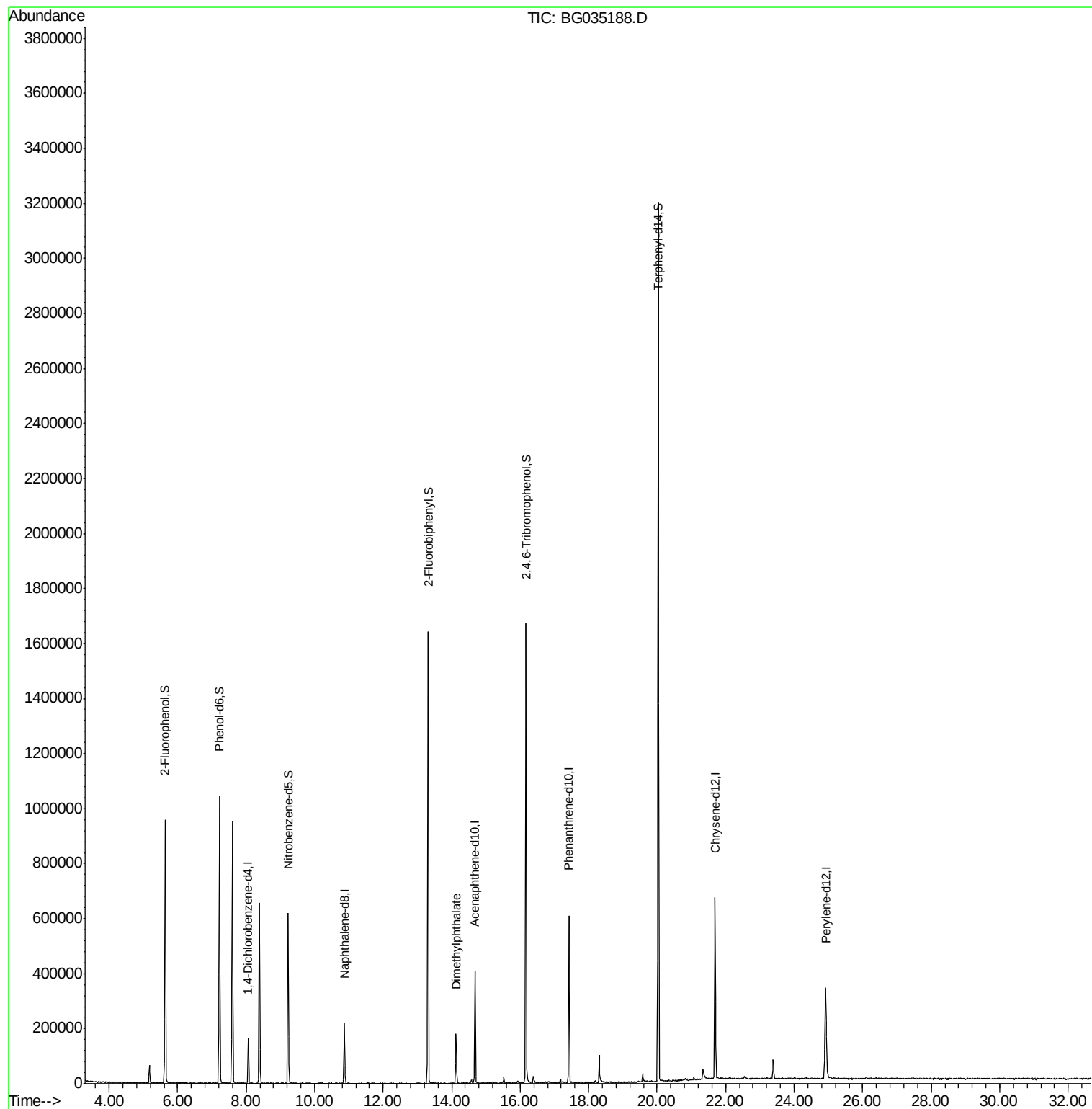
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	48766	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	185732	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	146953	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	392741	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	428331	20.00	ng	-0.03
86) Perylene-d12	24.92	264	397207	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	411653	142.46	ng	-0.01
7) Phenol-d6	7.22	99	632460	148.29	ng	0.00
23) Nitrobenzene-d5	9.22	82	404373	103.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	314582	167.23	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	900741	79.68	ng	-0.02
78) Terphenyl-d14	20.03	244	1552471	75.92	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	118871	9.276	ng	99

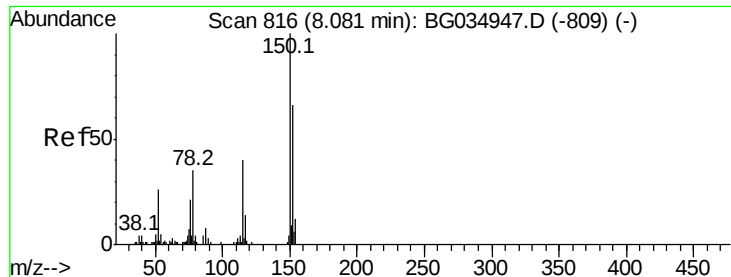
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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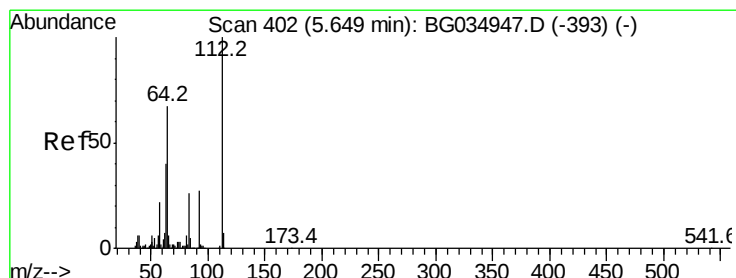
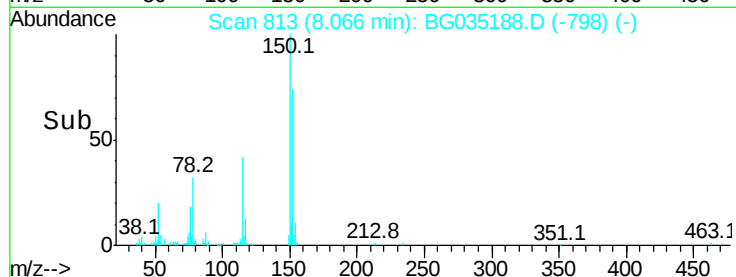
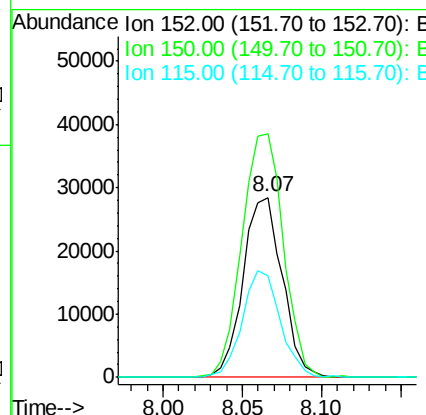
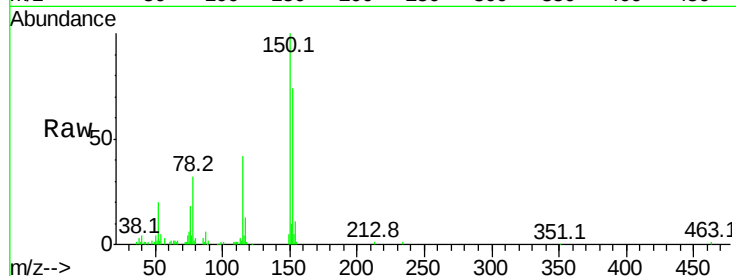


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035188.D
Acq: 16 Jun 2018 1:32

Instrument :
BNA_G
ClientSampleId :
EPE-106-7(60-62)

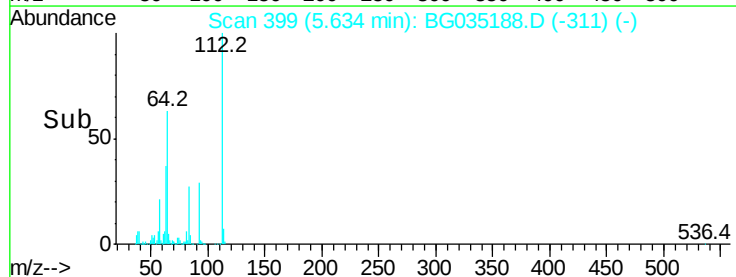
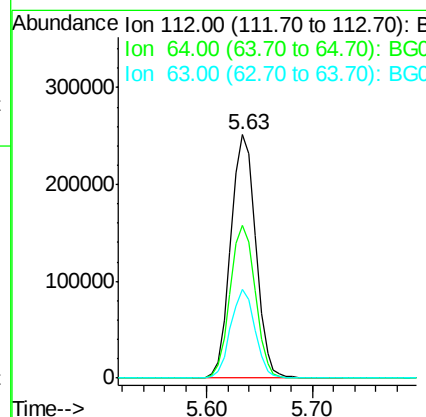
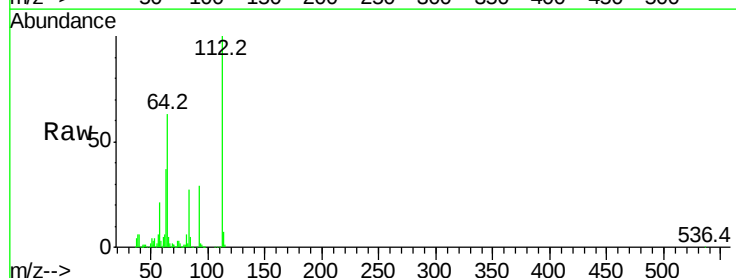
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.1	126.6	189.8
115	56.5	53.0	79.4



#5

2-Fluorophenol
Concen: 142.458 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035188.D
Acq: 16 Jun 2018 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	36.7	30.1	45.1





#7

Phenol-d6

Concen: 148.292 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-7(60-62)

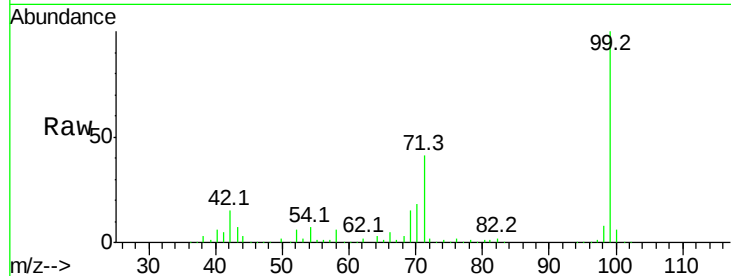
Tot Ion: 99 Resp: 632460

Ion Ratio Lower Upper

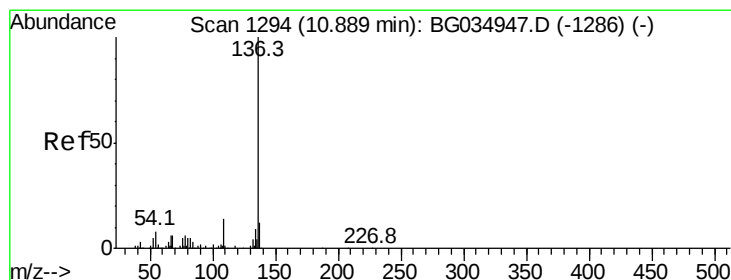
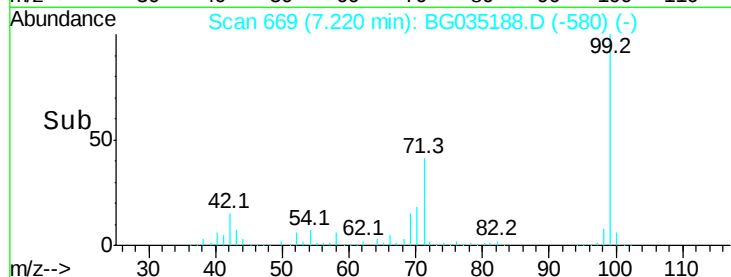
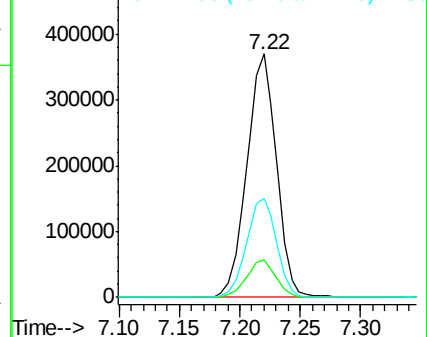
99 100

42 15.5 14.1 21.1

71 40.9 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

Tgt Ion: 136 Resp: 185732

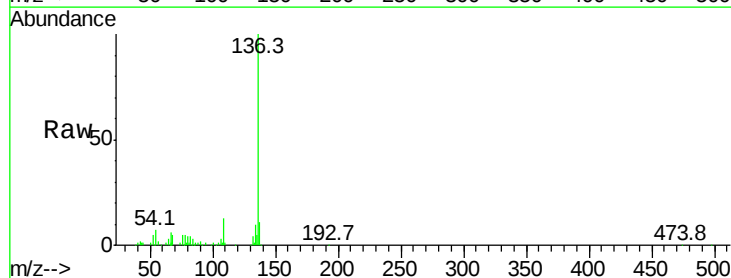
Ion Ratio Lower Upper

136 100

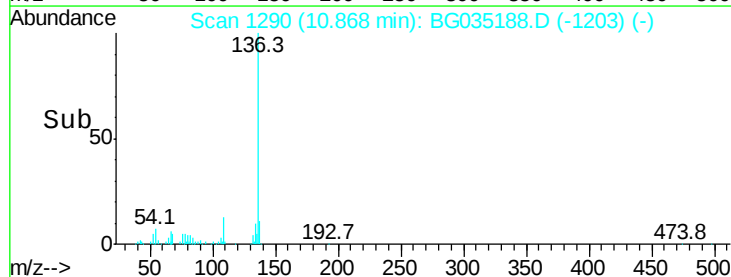
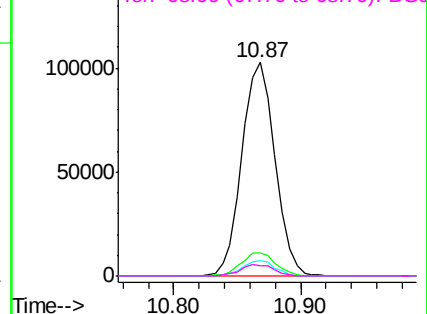
137 10.5 9.2 13.8

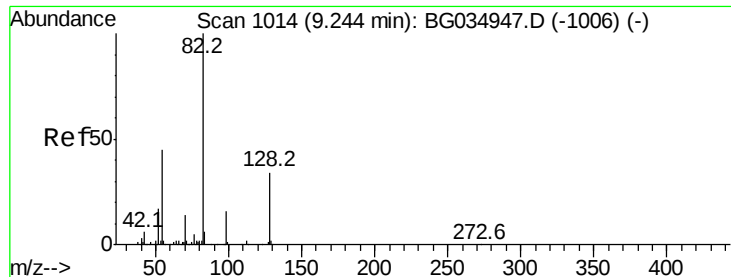
54 7.1 10.3 15.5#

68 4.6 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: 103.491 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-7(60-62)

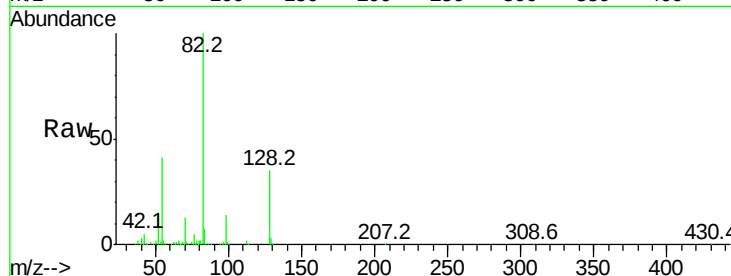
Tot Ion: 82 Resp: 404373

Ion Ratio Lower Upper

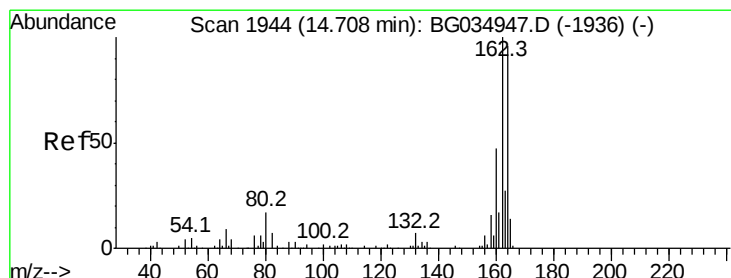
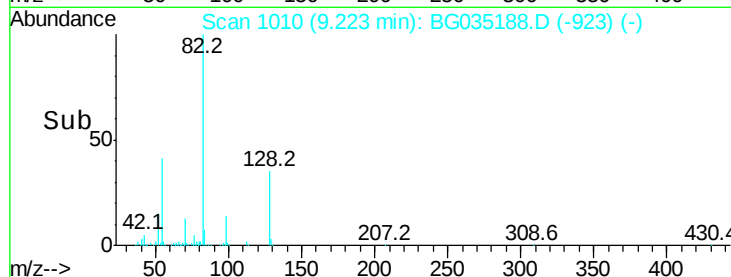
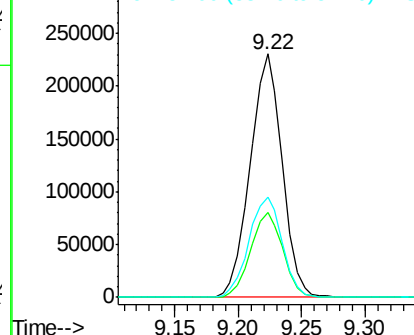
82 100

128 34.8 29.7 44.5

54 41.2 43.1 64.7#



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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

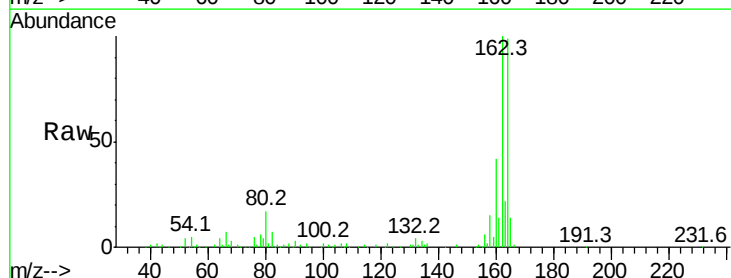
Tgt Ion:164 Resp: 146953

Ion Ratio Lower Upper

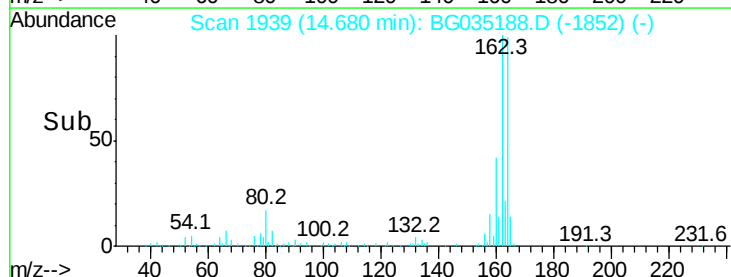
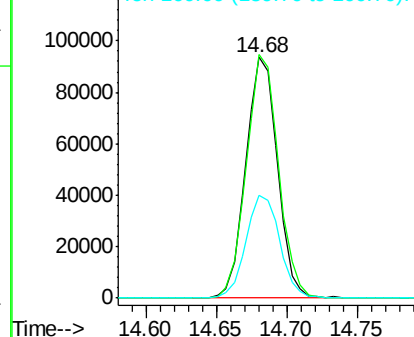
164 100

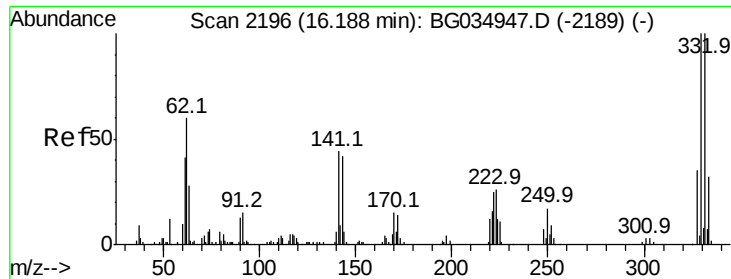
162 101.2 78.8 118.2

160 42.8 35.4 53.0



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: 167.225 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-7(60-62)

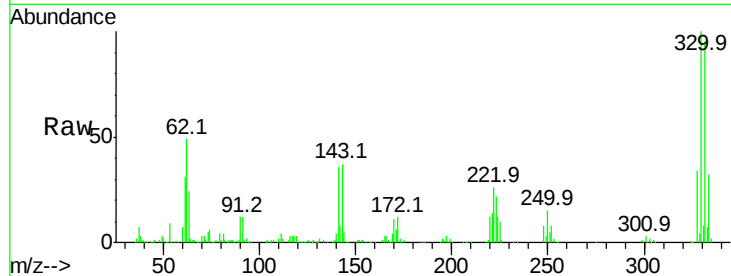
Tot Ion:330 Resp: 314582

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

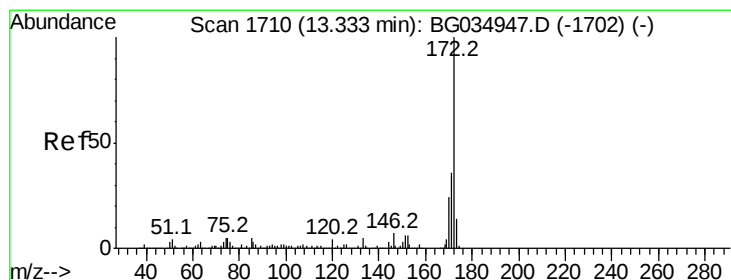
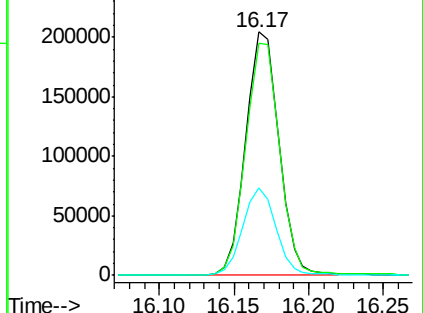
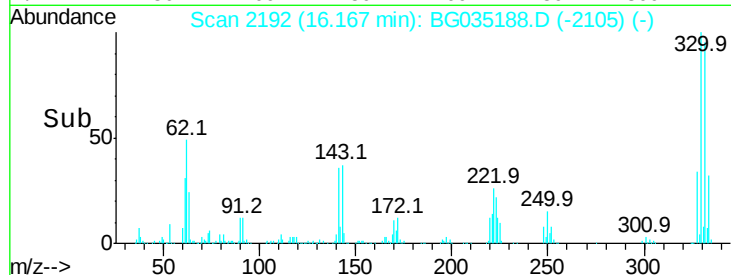
141 36.2 25.2 37.8



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: 79.683 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

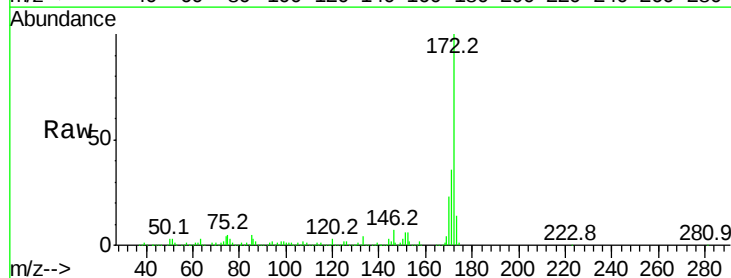
Tgt Ion:172 Resp: 900741

Ion Ratio Lower Upper

172 100

171 36.1 30.0 45.0

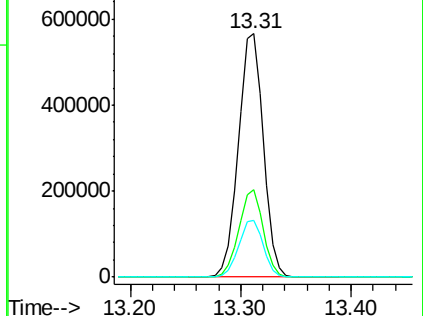
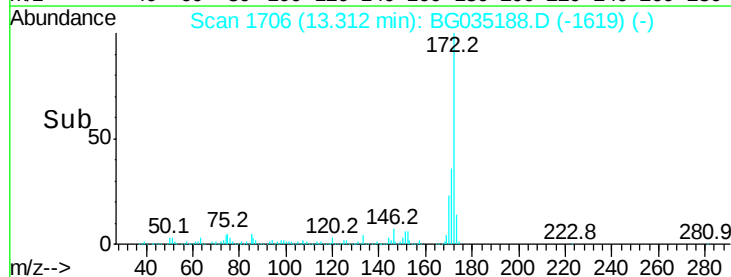
170 23.1 19.5 29.3

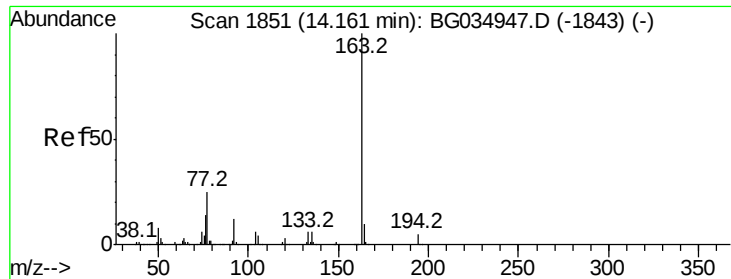


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.276 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

Instrument :

BNA_G

ClientSampleId :

EPE-106-7(60-62)

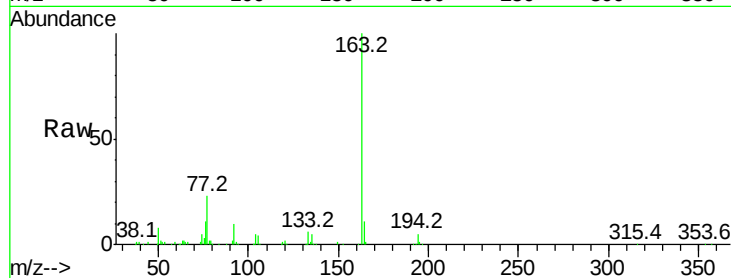
Tot Ion:163 Resp: 118871

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

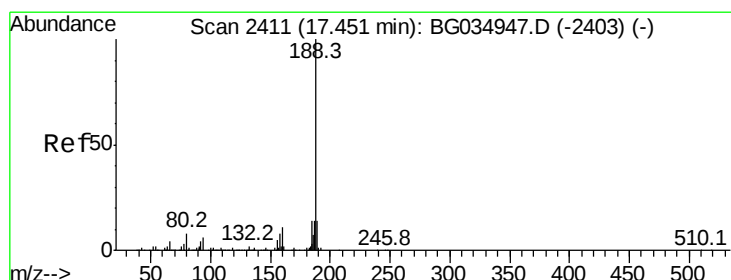
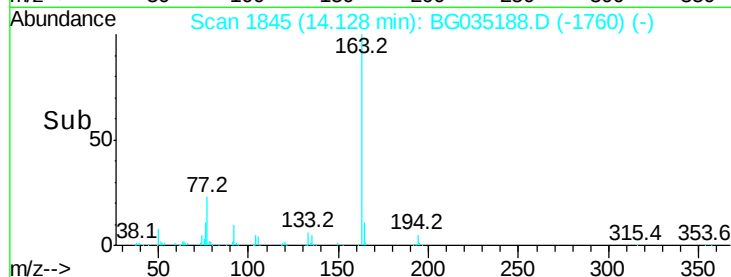
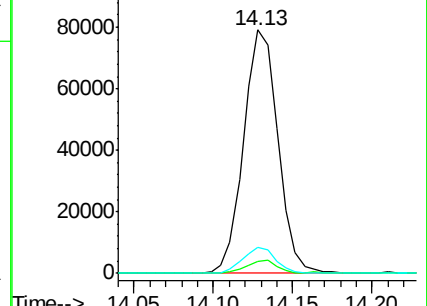
164 10.7 8.2 12.4



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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

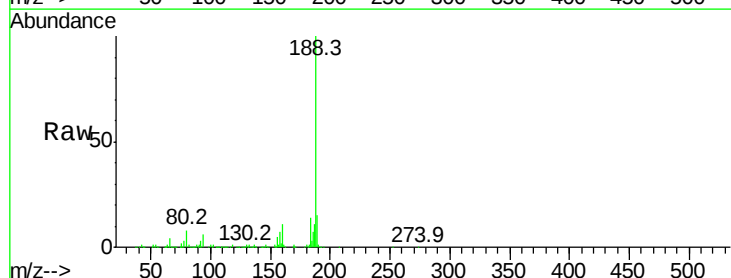
Tgt Ion:188 Resp: 392741

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

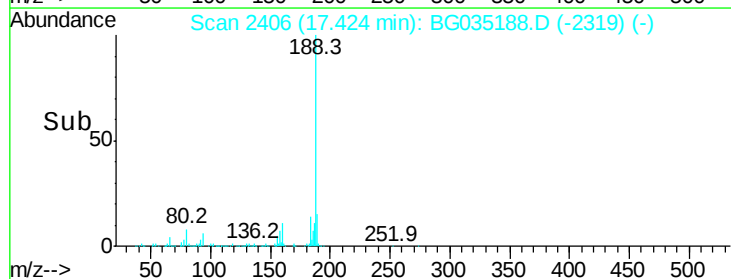
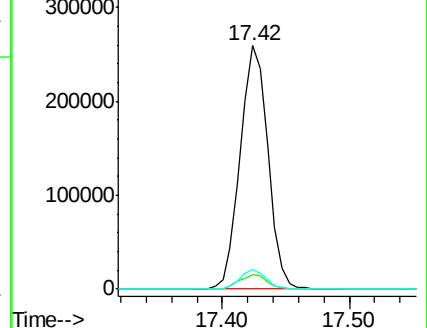
80 8.1 7.7 11.5

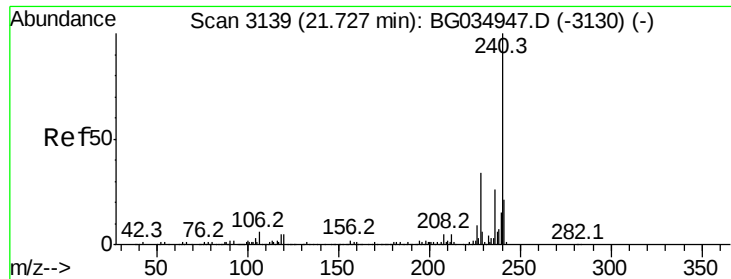


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

Instrument :

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ClientSampleId :

EPE-106-7(60-62)

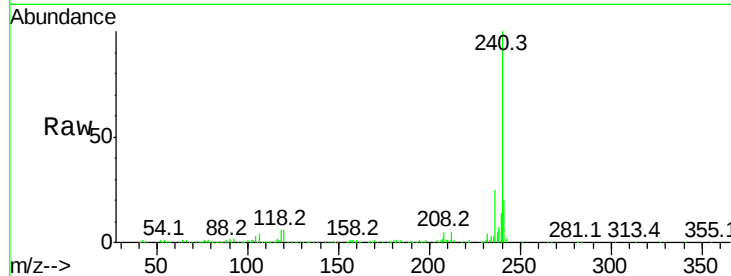
Tot Ion:240 Resp: 428331

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

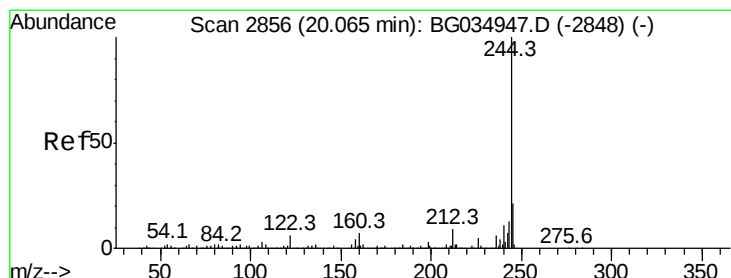
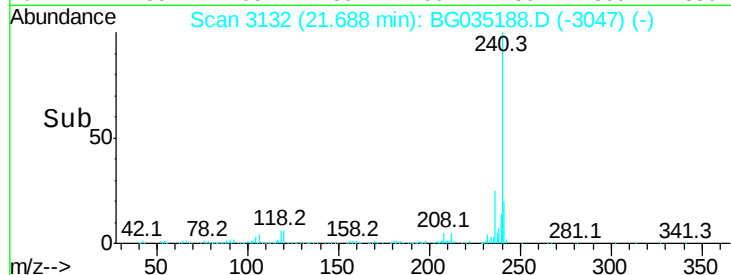
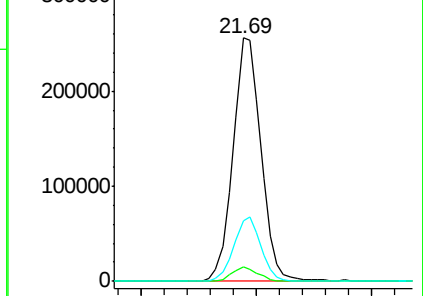
236 25.1 20.9 31.3



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: 75.921 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035188.D

Acq: 16 Jun 2018 1:32

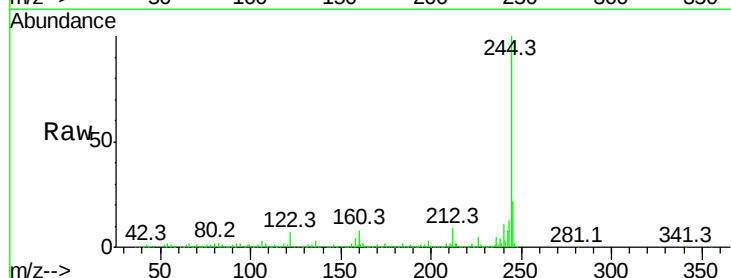
Tgt Ion:244 Resp: 1552471

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

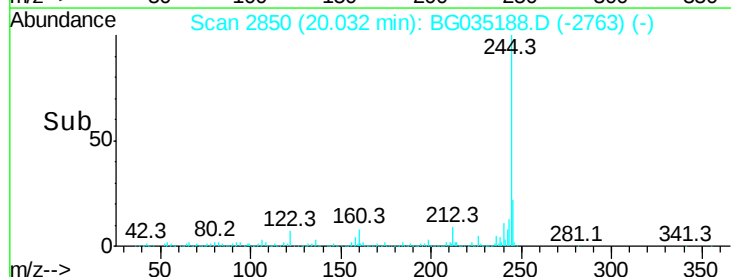
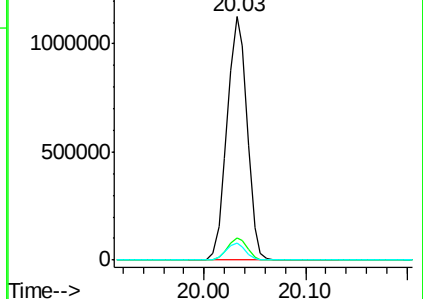
122 6.9 7.0 10.4#

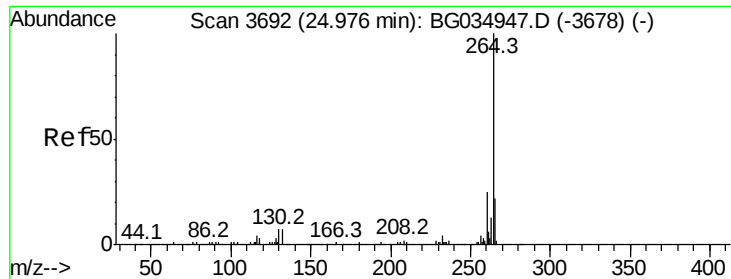


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

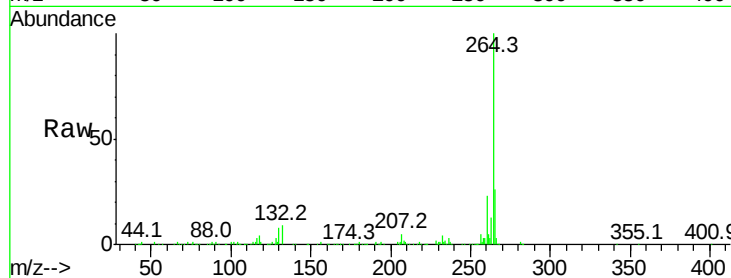




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035188.D
 Acq: 16 Jun 2018 1:32

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-7(60-62)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	26.0	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

