

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035518.D
 Acq On : 29 Jun 2018 23:20
 Operator : JU/SJ
 Sample : J3732-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)

Quant Time: Jun 30 02:05:36 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

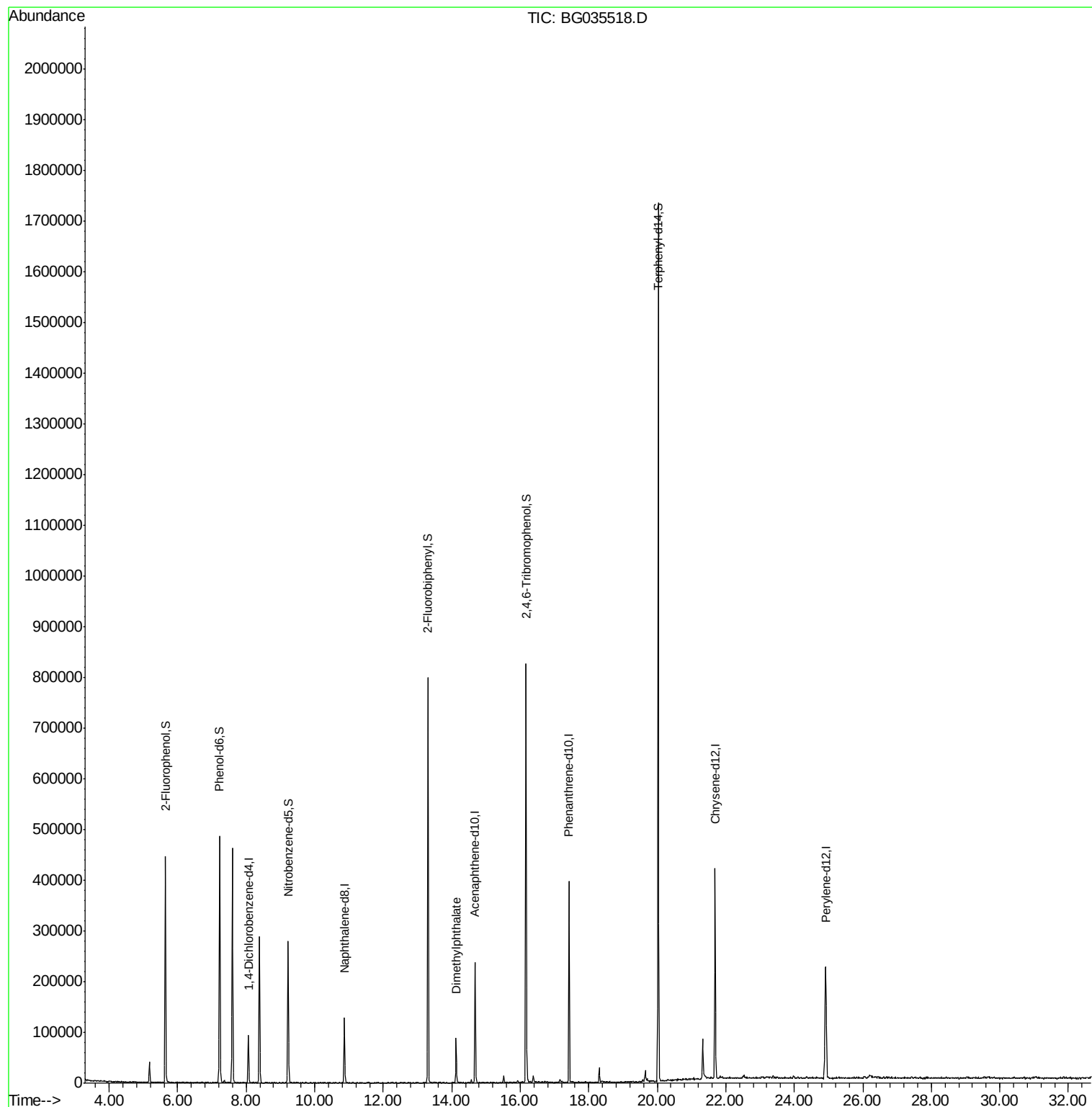
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26717	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	111105	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	84227	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	247434	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	266727	20.00	ng	-0.03
86) Perylene-d12	24.91	264	251959	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	194410	122.80	ng	0.00
7) Phenol-d6	7.23	99	297085	127.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	186546	79.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	155286	144.02	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	433412	66.89	ng	-0.02
78) Terphenyl-d14	20.03	244	866912	68.08	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	62543	8.515	ng	98

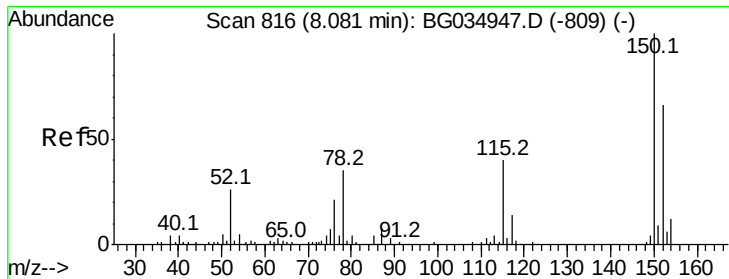
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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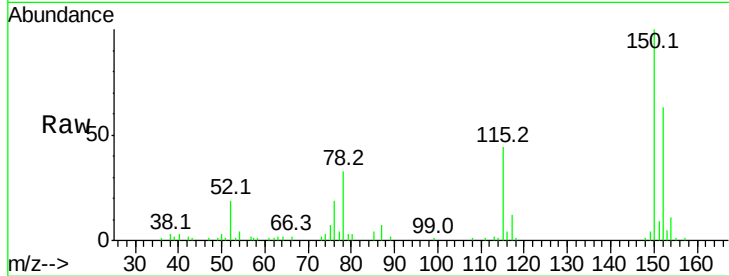


#1

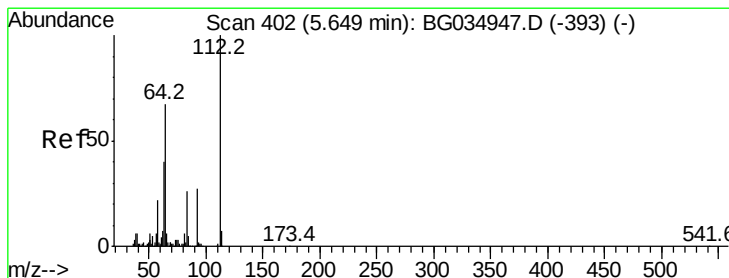
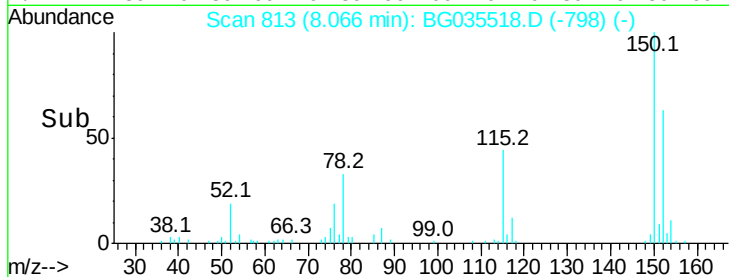
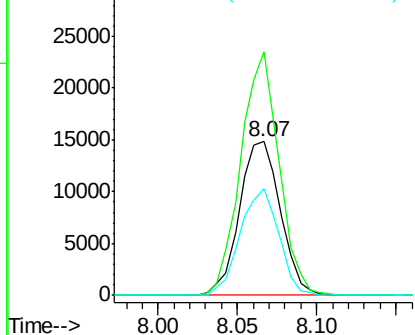
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)

Tot Ion:152 Resp: 26717
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 69.3 53.0 79.4



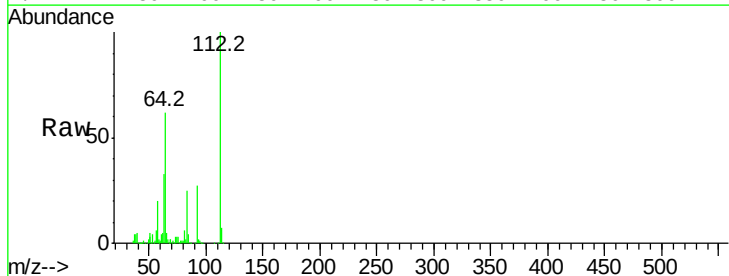
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



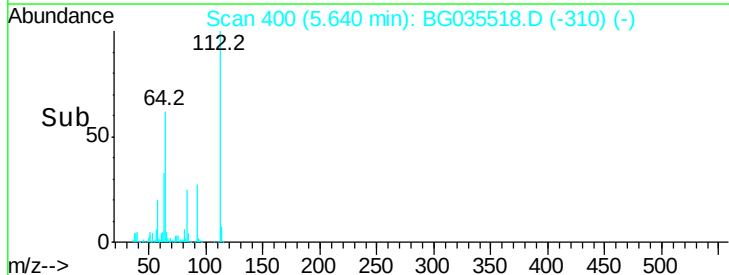
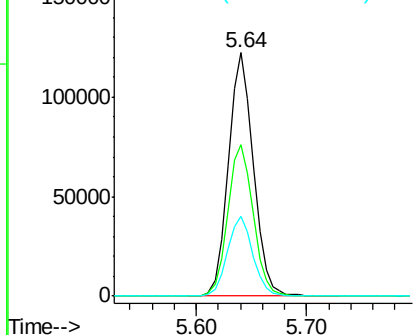
#5

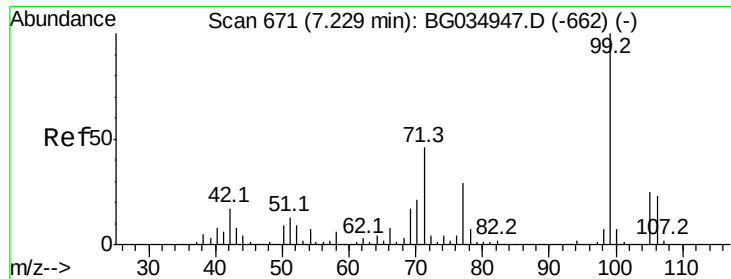
2-Fluorophenol
Concen: 122.801 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Tgt Ion:112 Resp: 194410
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 32.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.144 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)

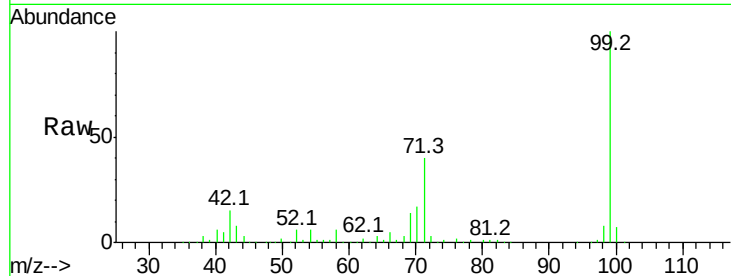
Tot Ion: 99 Resp: 297085

Ion Ratio Lower Upper

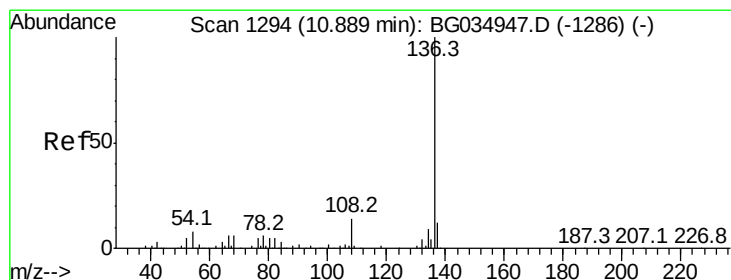
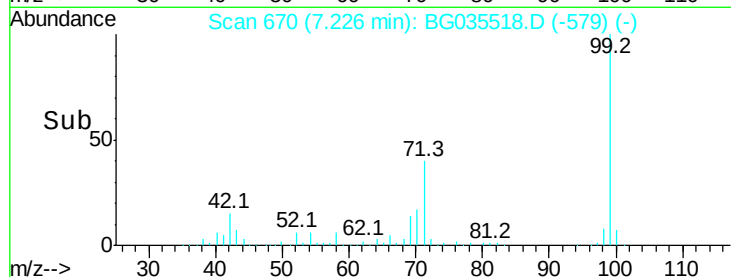
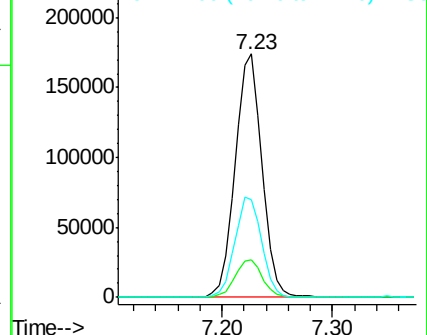
99 100

42 15.3 14.1 21.1

71 40.0 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: BG035518.D

Acq: 29 Jun 2018 23:20

Tgt Ion: 136 Resp: 111105

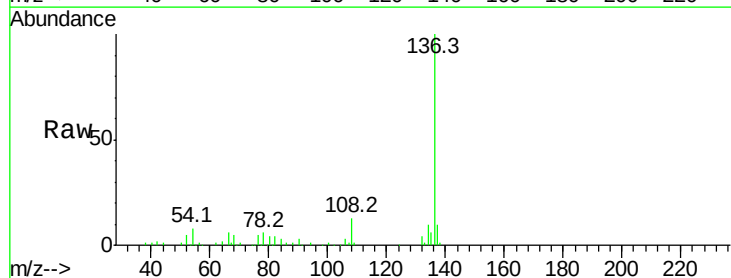
Ion Ratio Lower Upper

136 100

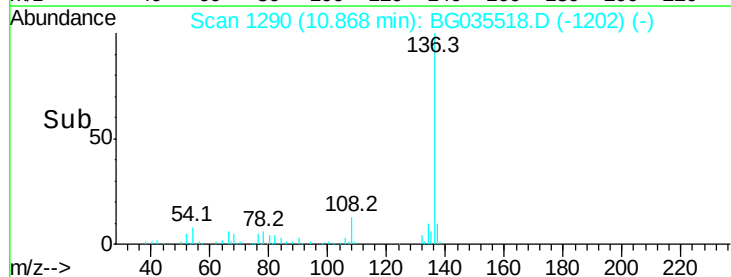
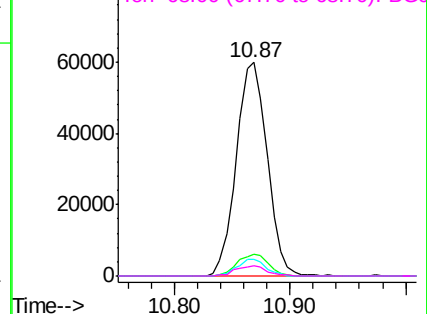
137 10.2 9.2 13.8

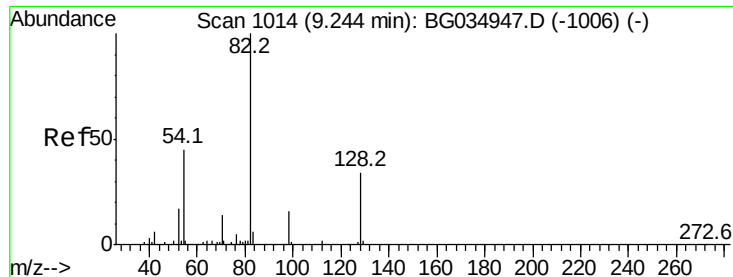
54 7.8 10.3 15.5#

68 5.0 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: 79.810 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)

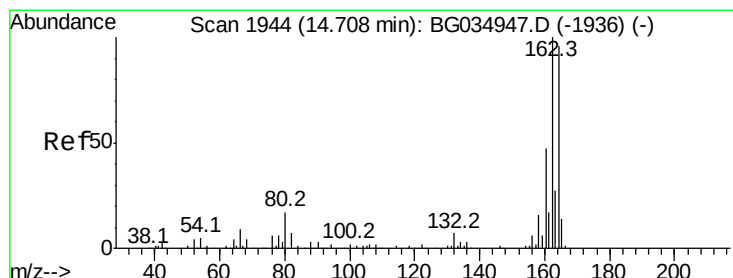
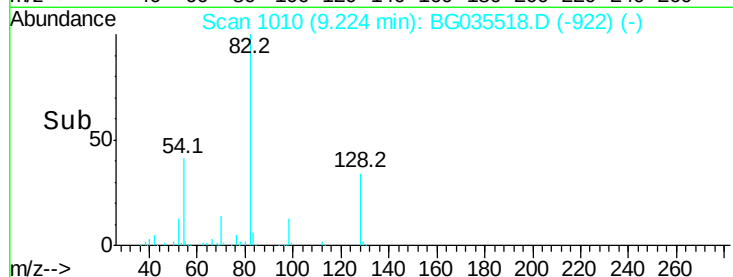
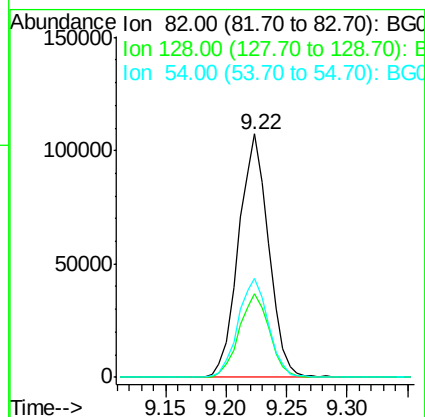
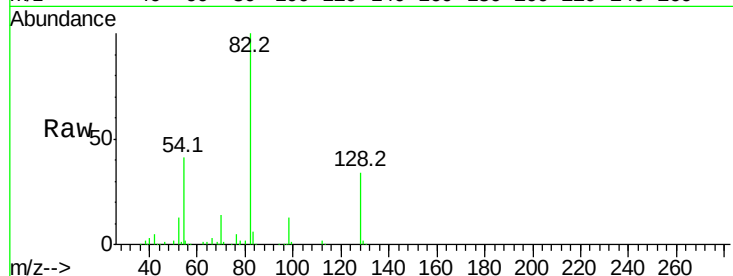
Tot Ion: 82 Resp: 186546

Ion Ratio Lower Upper

82 100

128 34.4 29.7 44.5

54 40.7 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

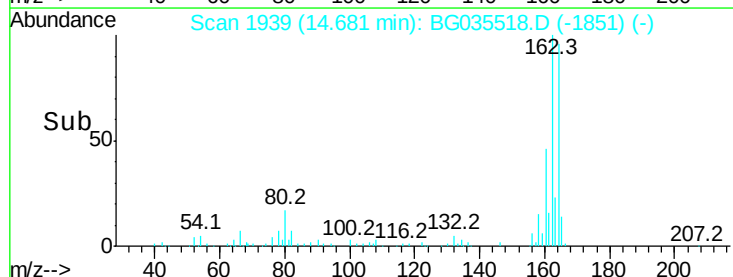
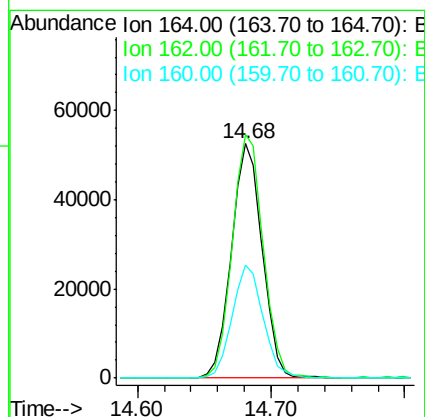
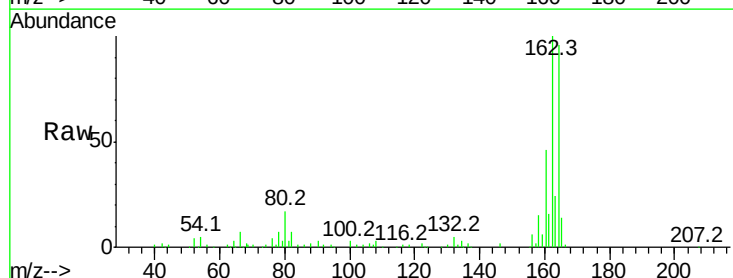
Tgt Ion:164 Resp: 84227

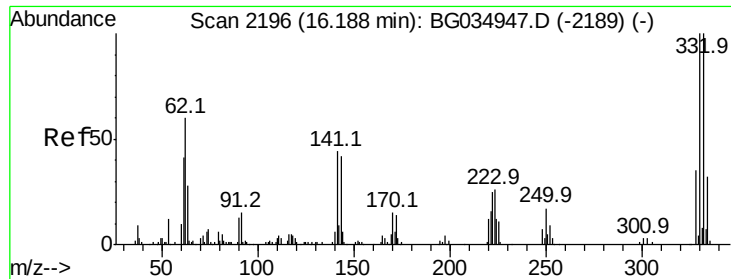
Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

160 48.1 35.4 53.0

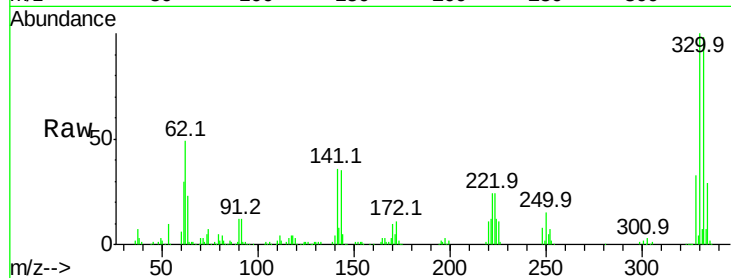




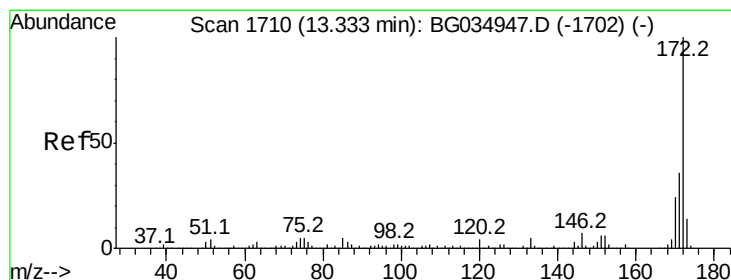
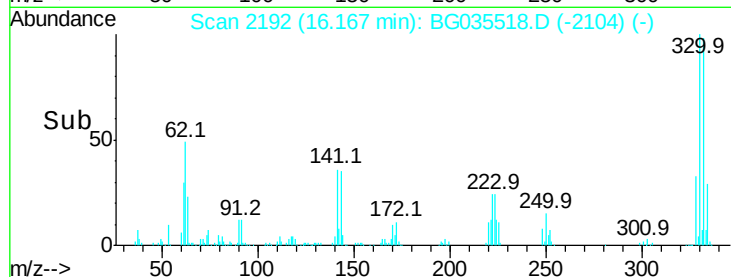
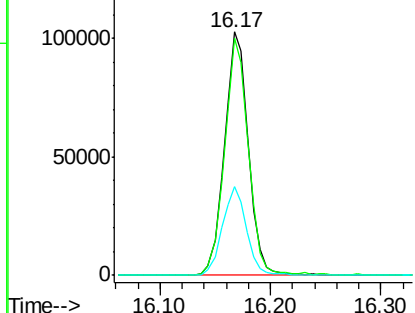
#41
 2,4,6-Tribromophenol
 Concen: 144.022 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035518.D
 Acq: 29 Jun 2018 23:20

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(18-20)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.7	25.2	37.8

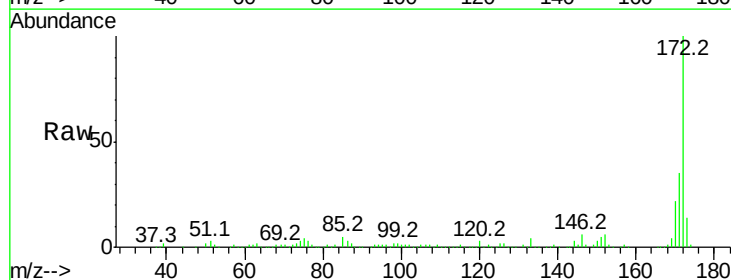


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

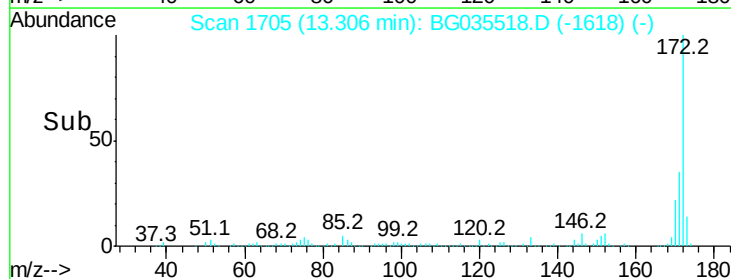
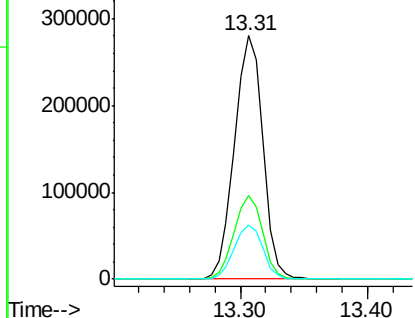


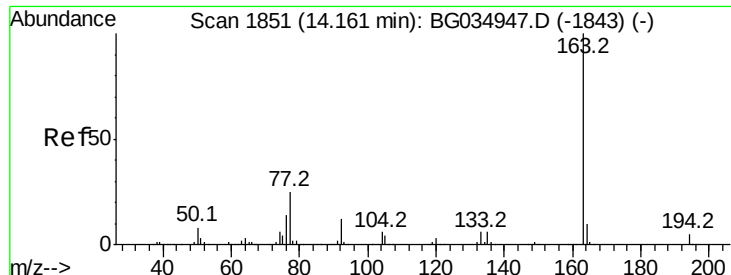
#44
 2-Fluorobiphenyl
 Concen: 66.895 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035518.D
 Acq: 29 Jun 2018 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	22.4	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: 8.515 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)

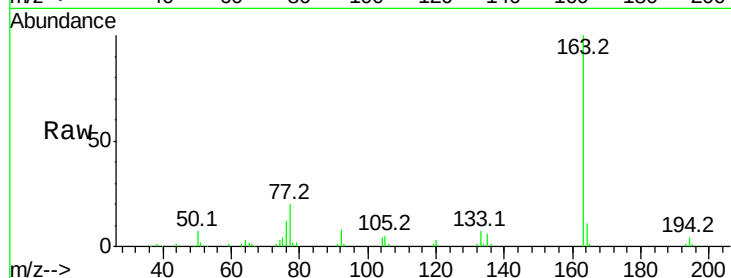
Tot Ion:163 Resp: 62543

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

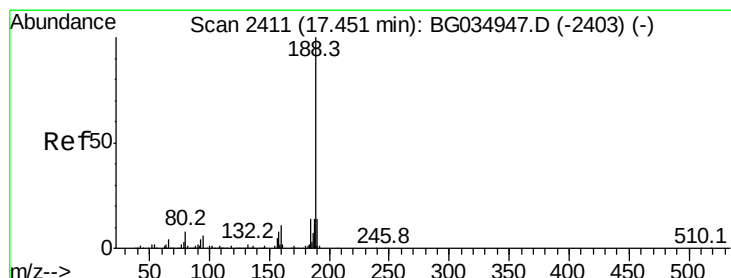
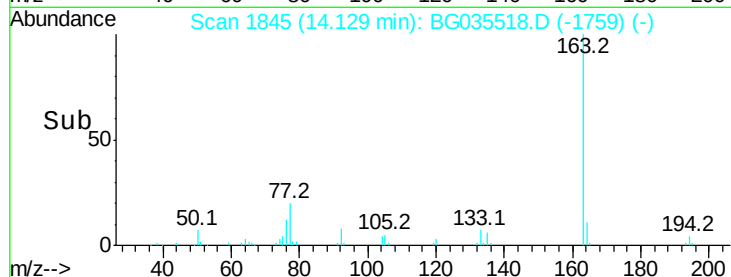
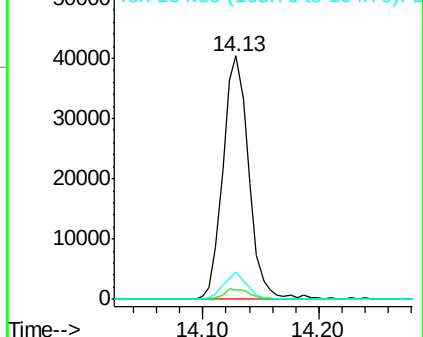
164 11.3 8.2 12.4



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: BG035518.D

Acq: 29 Jun 2018 23:20

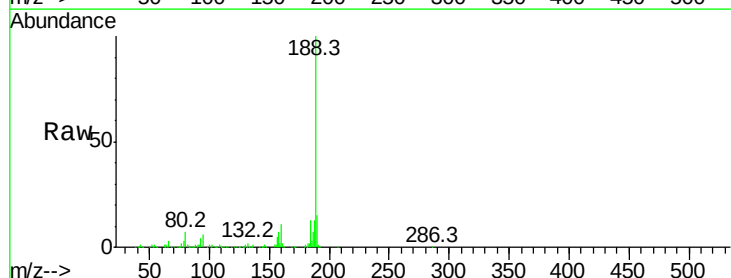
Tgt Ion:188 Resp: 247434

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

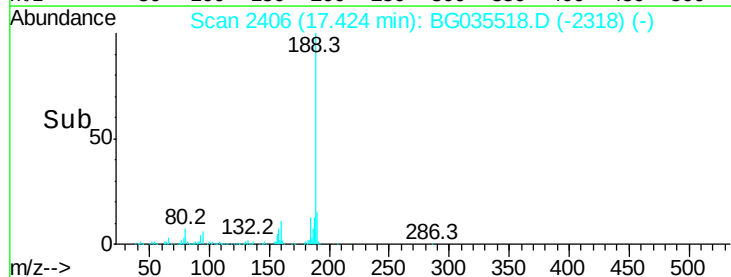
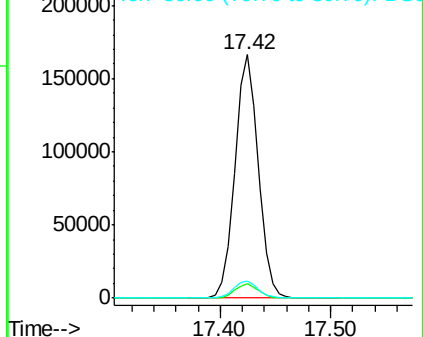
80 6.9 7.7 11.5#

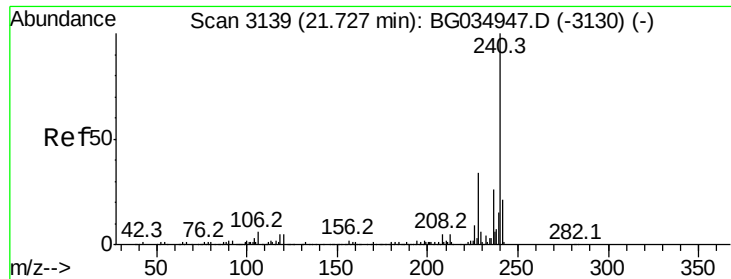


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG035518.D

Acq: 29 Jun 2018 23:20

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(18-20)

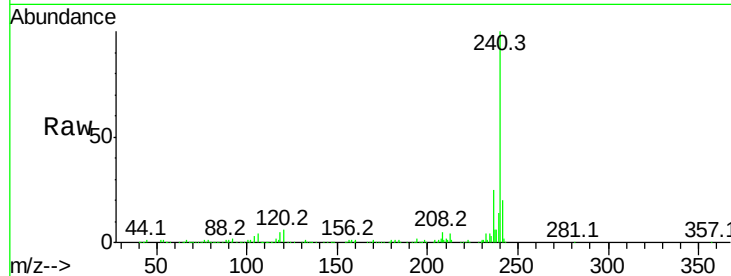
Tot Ion:240 Resp: 266727

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

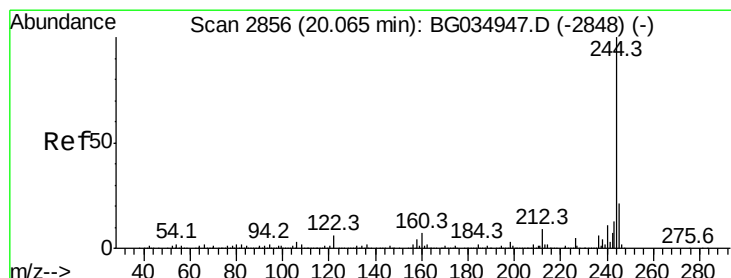
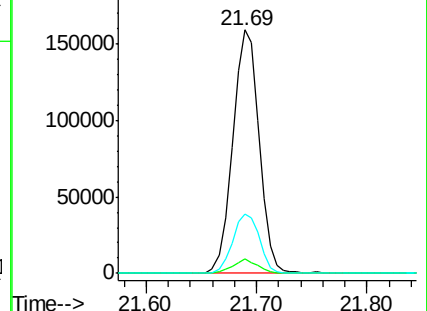
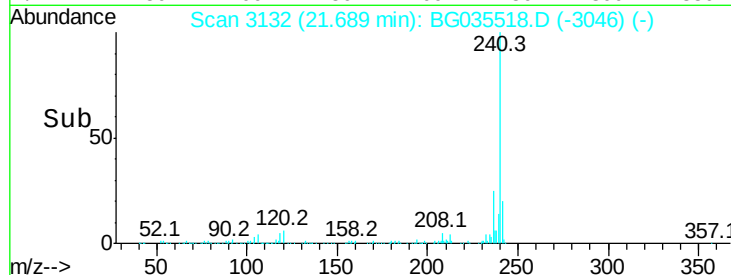
236 24.6 20.9 31.3



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: 68.081 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035518.D

Acq: 29 Jun 2018 23:20

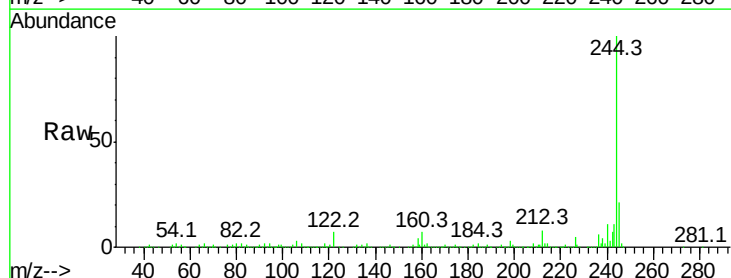
Tgt Ion:244 Resp: 866912

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

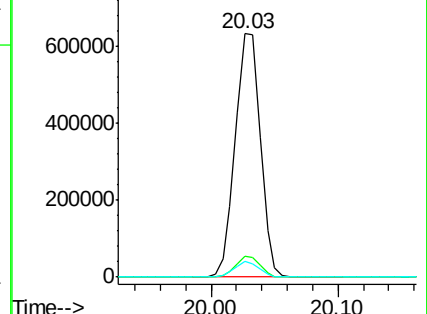
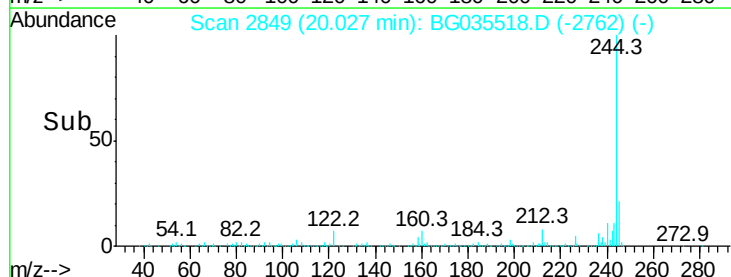
122 6.6 7.0 10.4#

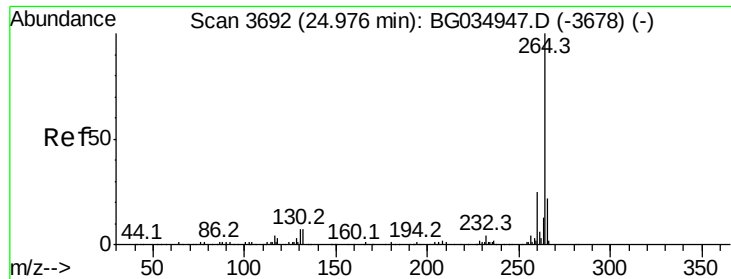


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035518.D
Acq: 29 Jun 2018 23:20

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(18-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.4	26.0
265	22.4	17.7	26.5

