

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035522.D
 Acq On : 30 Jun 2018 1:55
 Operator : JU/SJ
 Sample : J3773-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-119-5(40-42)

Quant Time: Jul 02 01:07:57 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

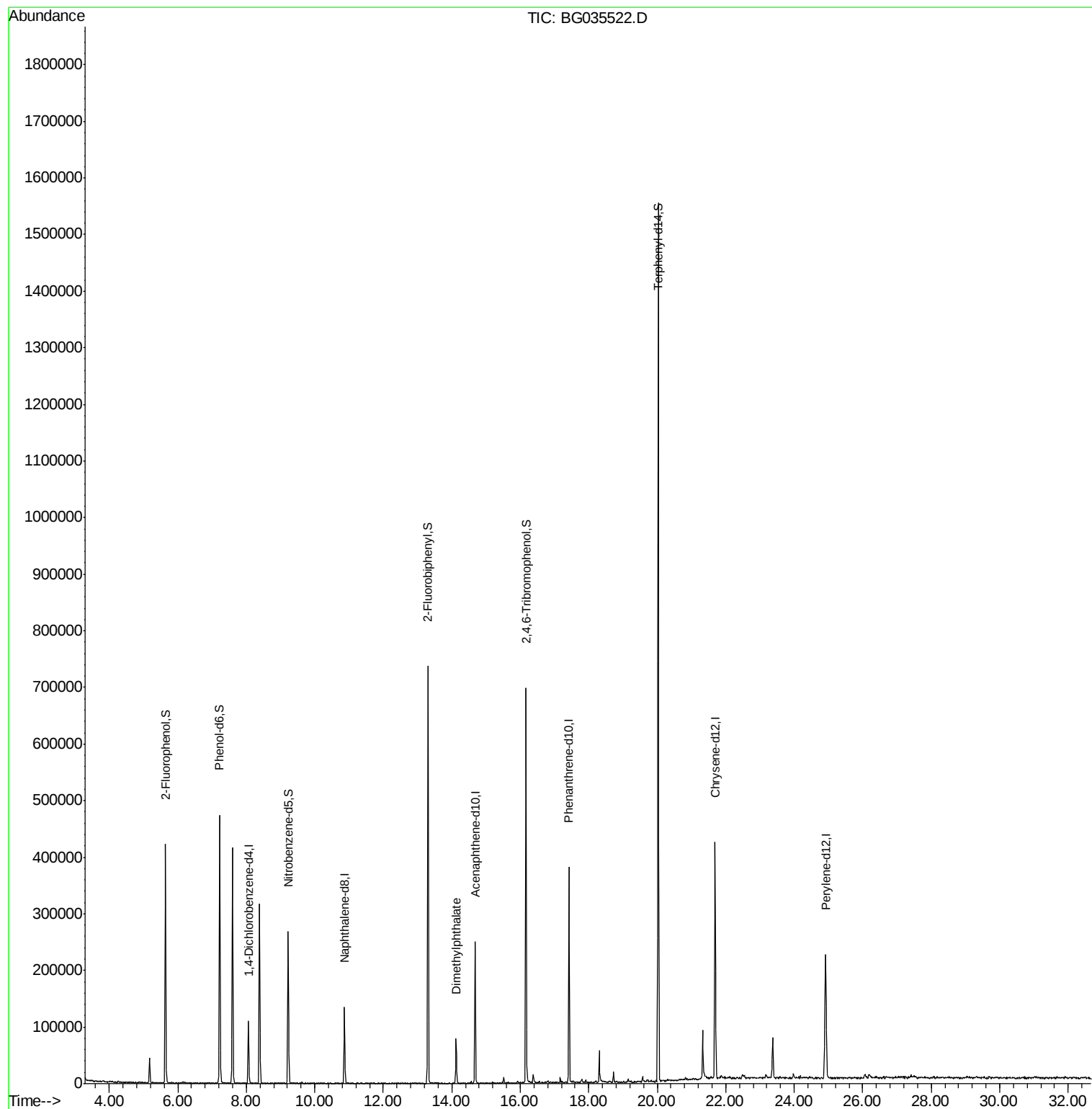
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29395	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	113772	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	87674	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	246228	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	266755	20.00	ng	-0.02
86) Perylene-d12	24.92	264	252665	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	186891	107.30	ng	0.00
7) Phenol-d6	7.22	99	280524	109.12	ng	0.00
23) Nitrobenzene-d5	9.22	82	177108	74.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	138275	123.20	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	410084	60.81	ng	-0.02
78) Terphenyl-d14	20.03	244	743460	58.38	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	53441	6.990	ng	99

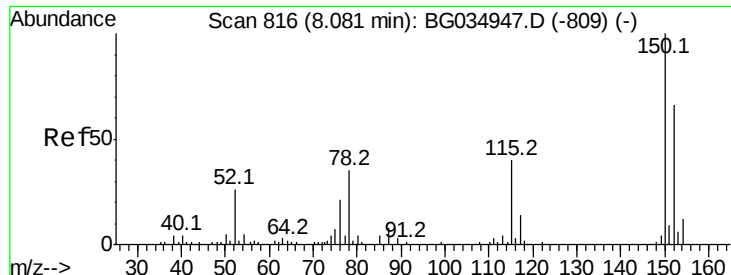
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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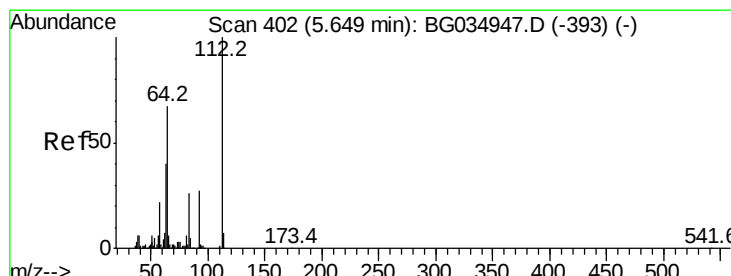
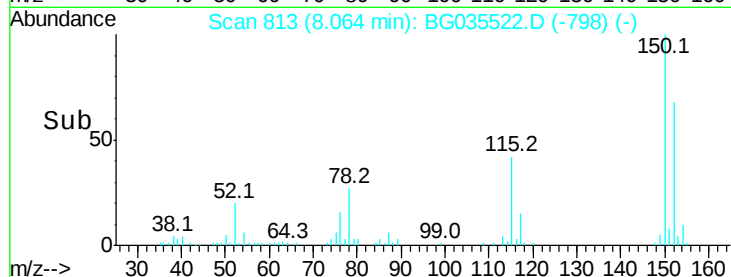
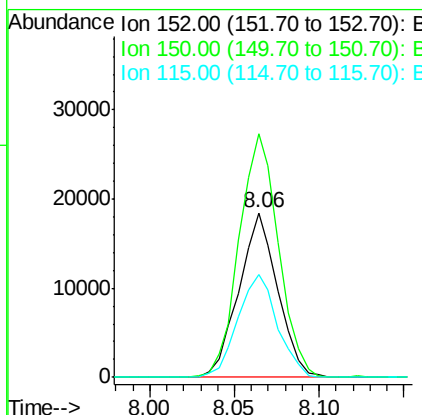
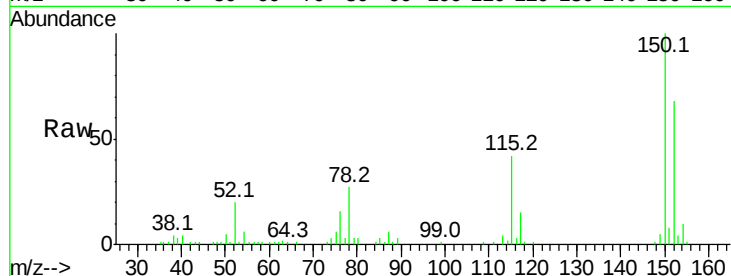


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Instrument :
 BNA_G
 ClientSampleId :
 EPE-119-5(40-42)

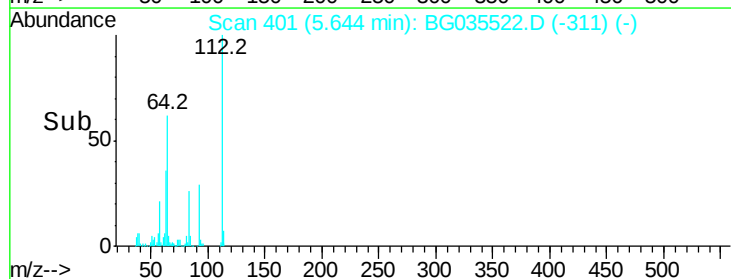
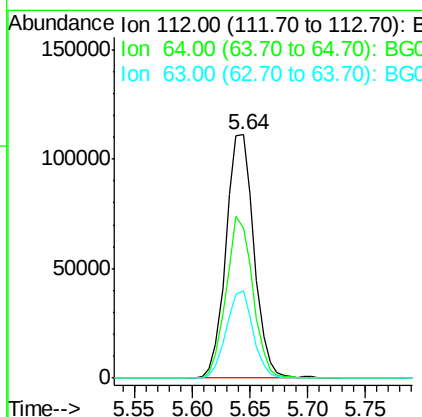
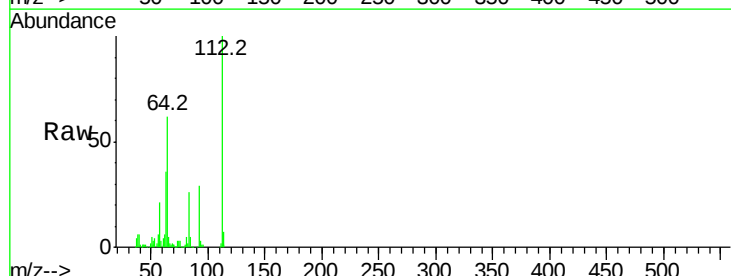
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	126.6	189.8
115	62.6	53.0	79.4

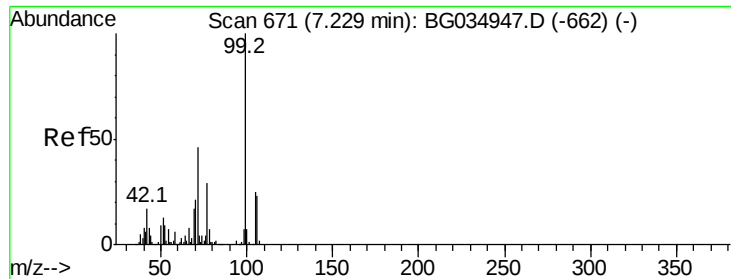


#5

2-Fluorophenol
 Concen: 107.297 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	35.8	30.1	45.1





#7

Phenol-d6

Concen: 109.119 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

Instrument :

BNA_G

ClientSampleId :

EPE-119-5(40-42)

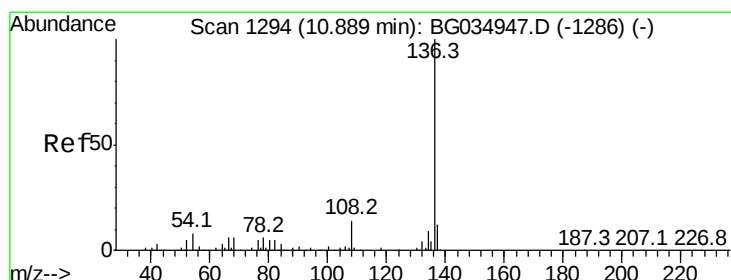
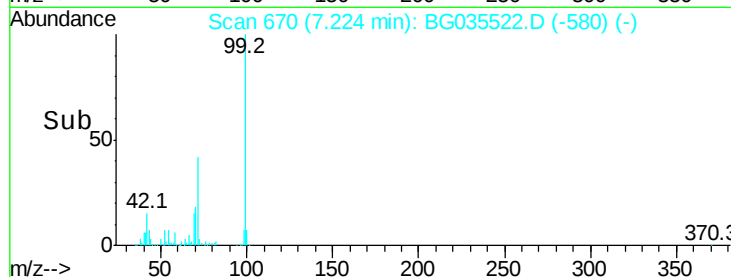
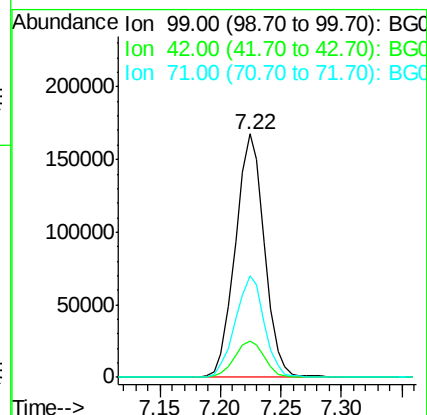
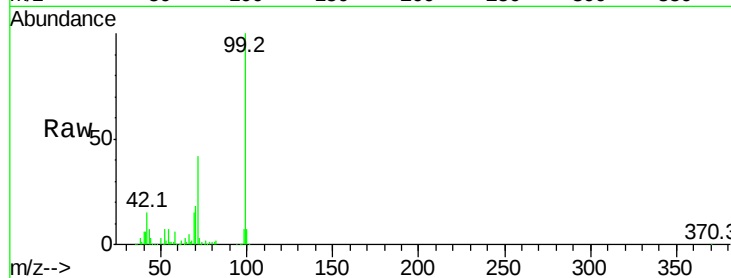
Tot Ion: 99 Resp: 280524

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 41.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

Tgt Ion: 136 Resp: 113772

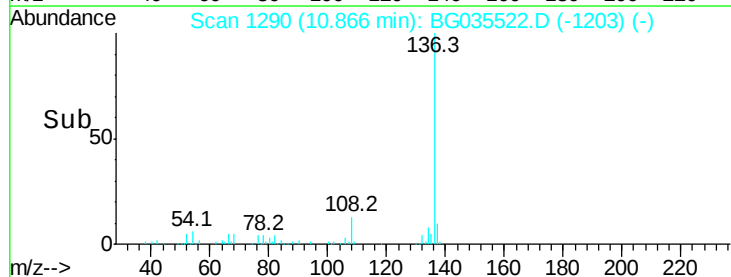
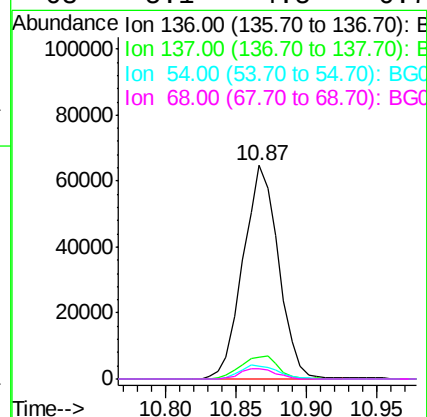
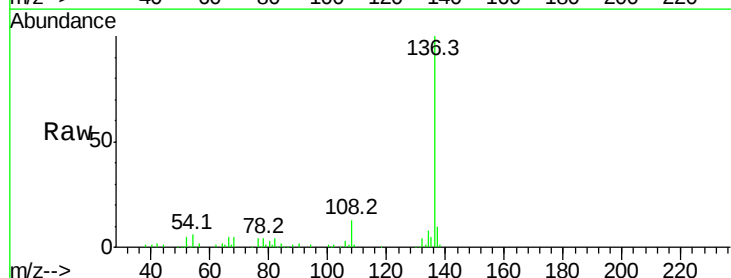
Ion Ratio Lower Upper

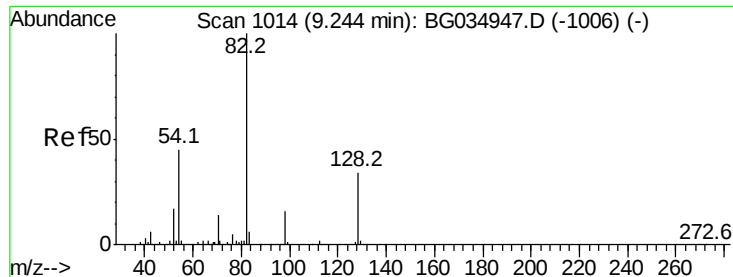
136 100

137 10.2 9.2 13.8

54 6.3 10.3 15.5#

68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 73.996 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

Instrument :

BNA_G

ClientSampleId :

EPE-119-5(40-42)

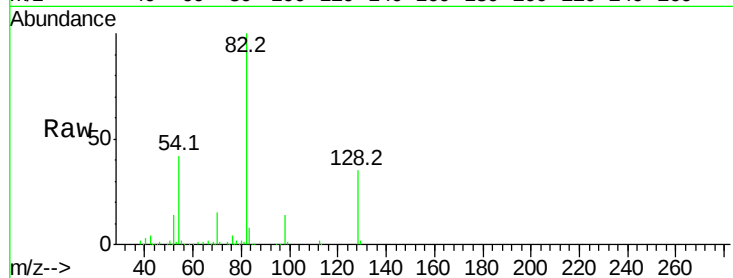
Tot Ion: 82 Resp: 177108

Ion Ratio Lower Upper

82 100

128 35.0 29.7 44.5

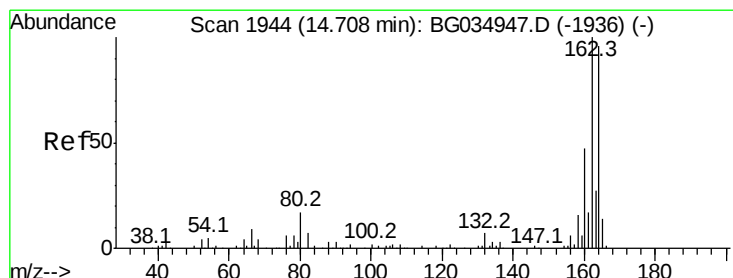
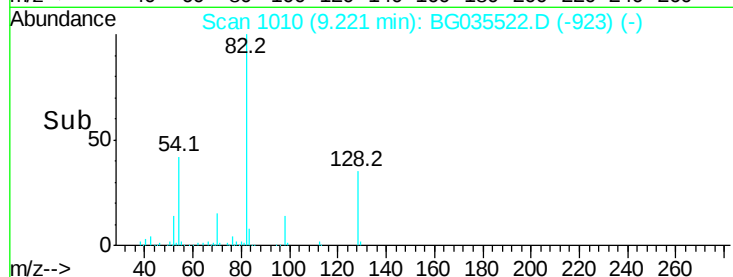
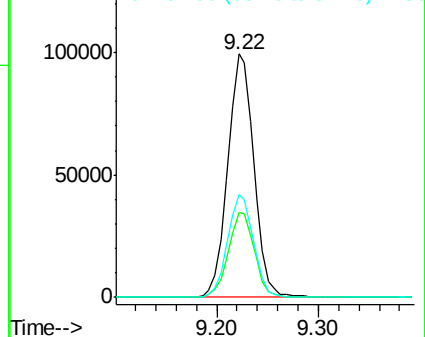
54 42.0 43.1 64.7#



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# 1940

Delta R.T. -0.01 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

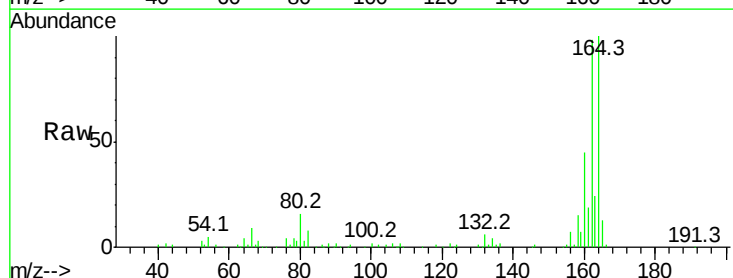
Tgt Ion:164 Resp: 87674

Ion Ratio Lower Upper

164 100

162 98.4 78.8 118.2

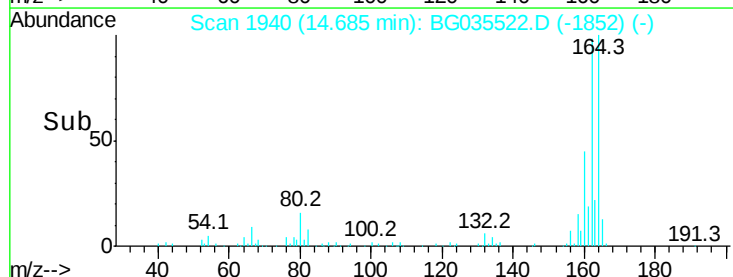
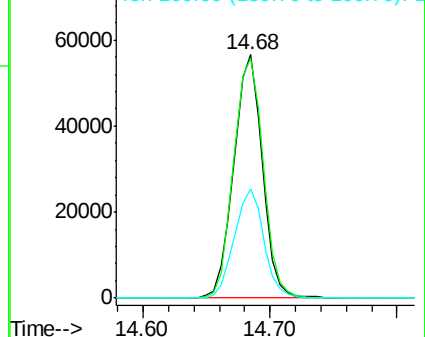
160 44.8 35.4 53.0

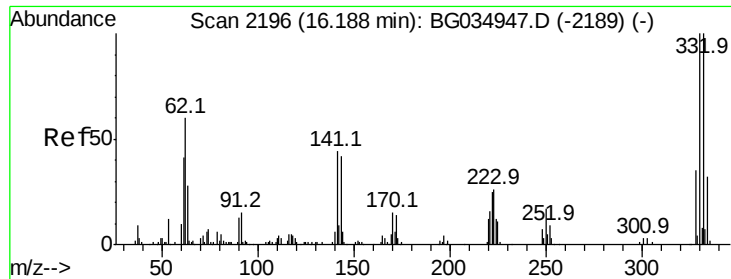


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

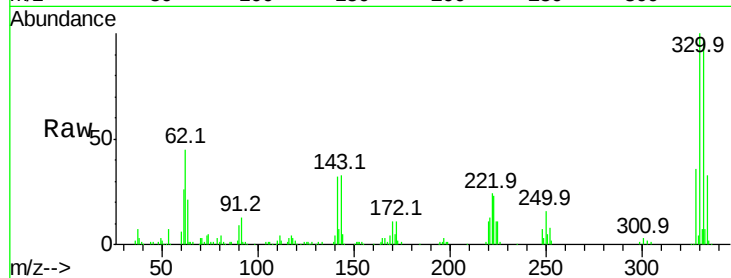




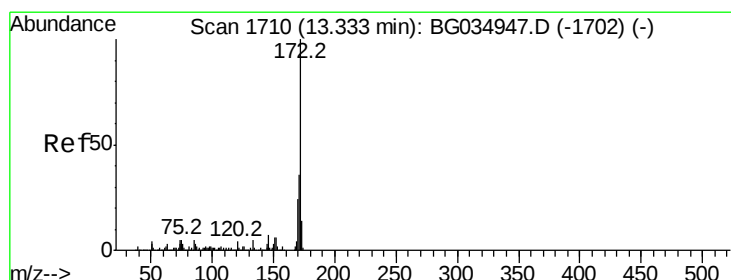
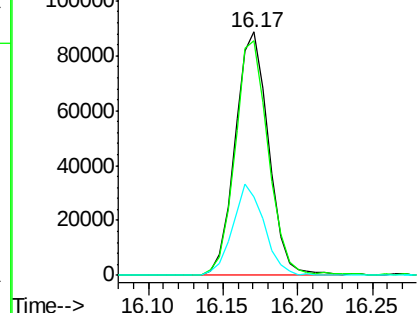
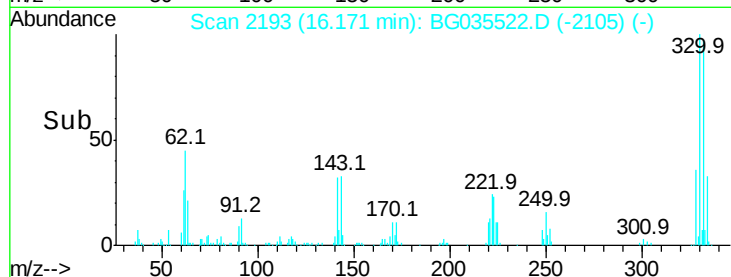
#41
 2,4,6-Tribromophenol
 Concen: 123.203 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Instrument :
 BNA_G
 ClientSampleId :
 EPE-119-5(40-42)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.6	25.2	37.8

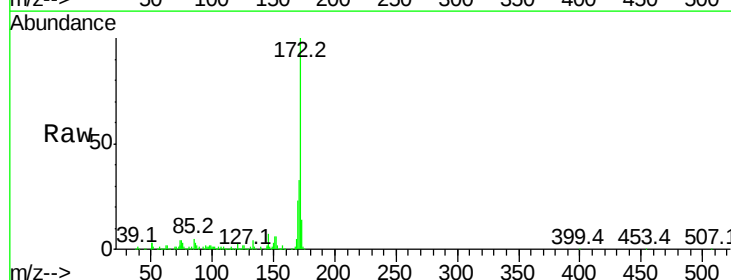


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

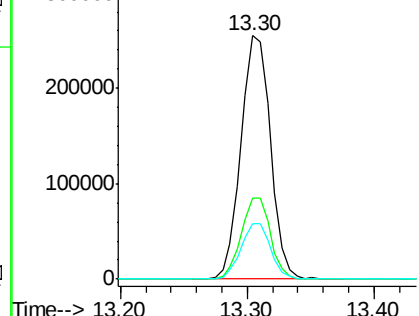
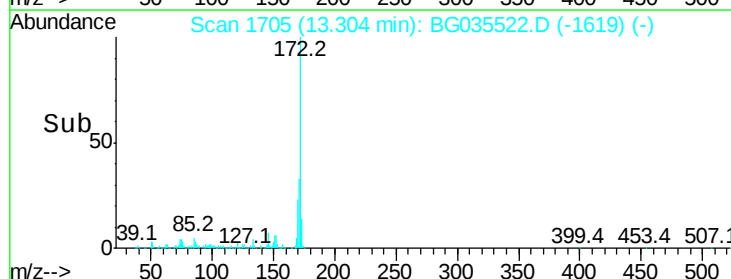


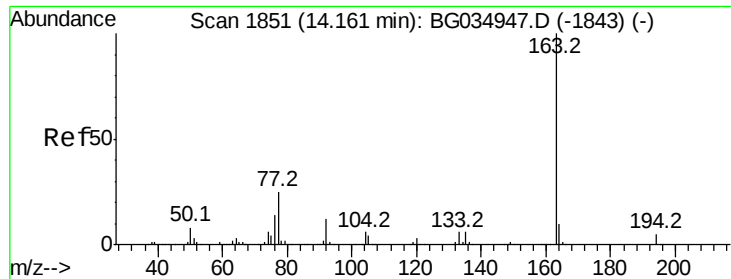
#44
 2-Fluorobiphenyl
 Concen: 60.806 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	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





#49

Dimethylphthalate

Concen: 6.990 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

Instrument :

BNA_G

ClientSampleId :

EPE-119-5(40-42)

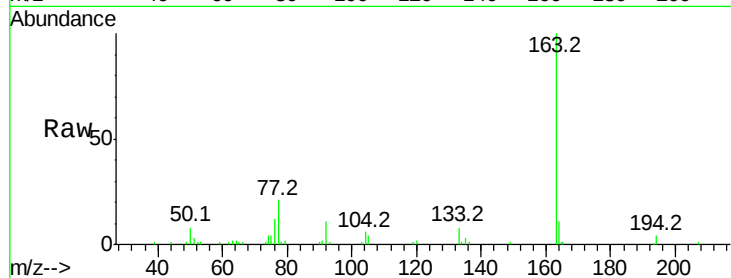
Tot Ion:163 Resp: 53441

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

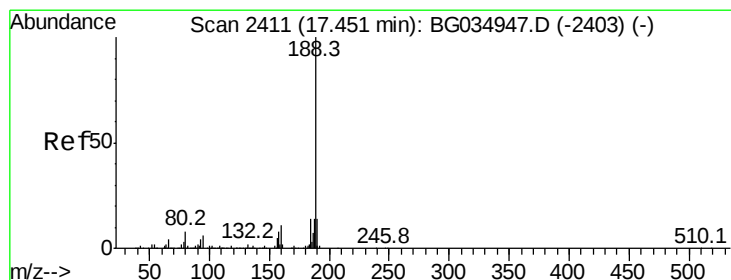
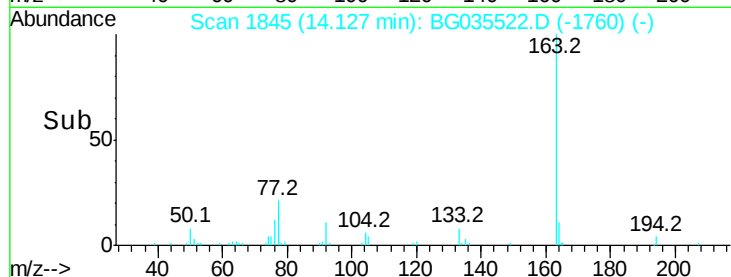
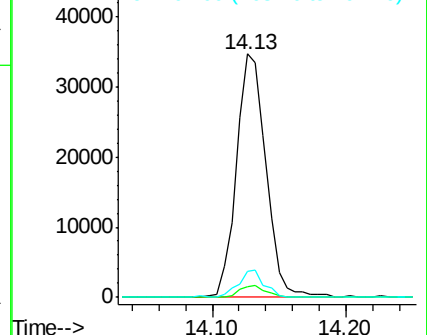
164 10.7 8.2 12.4



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: BG035522.D

Acq: 30 Jun 2018 1:55

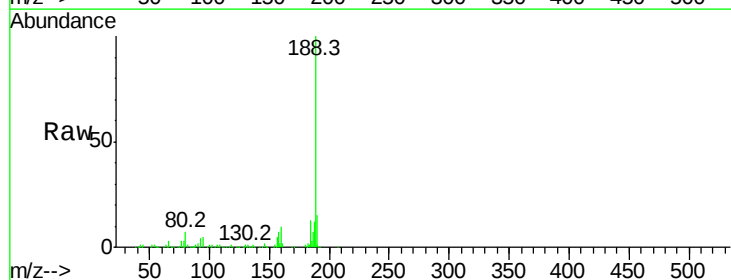
Tgt Ion:188 Resp: 246228

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

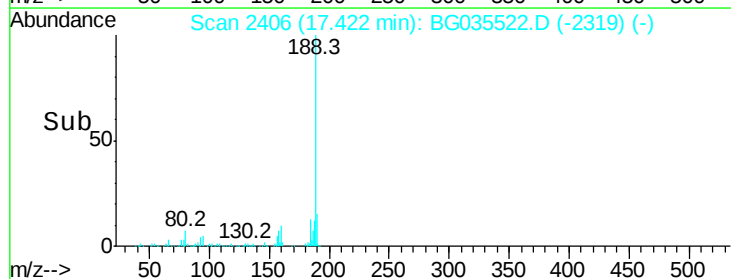
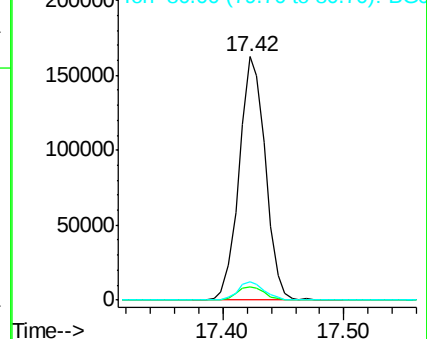
80 7.4 7.7 11.5#

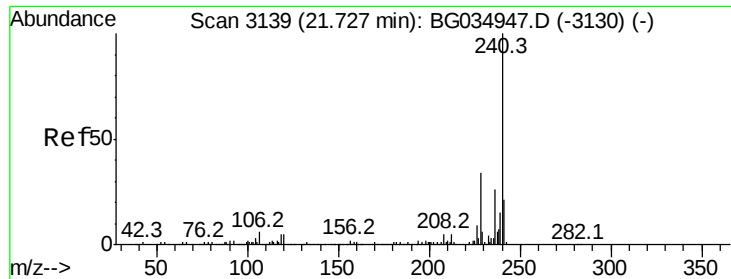


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

Instrument :

BNA_G

ClientSampleId :

EPE-119-5(40-42)

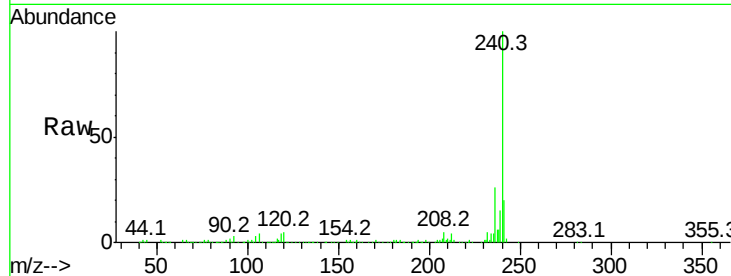
Tot Ion:240 Resp: 266755

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

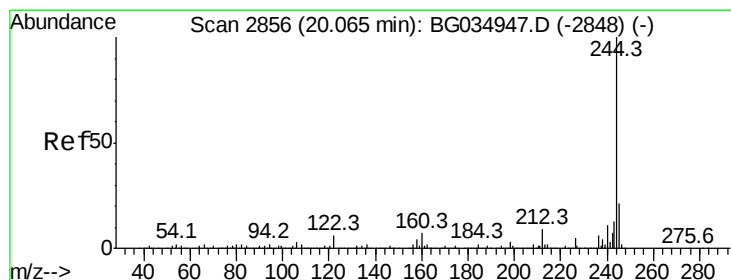
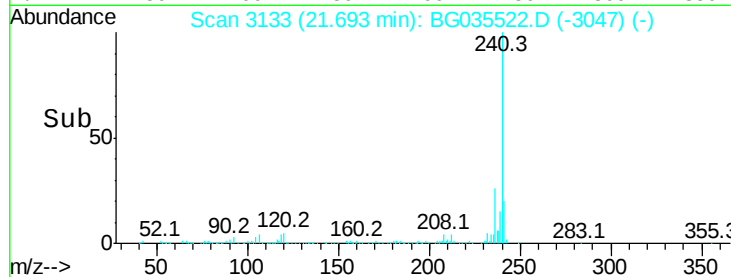
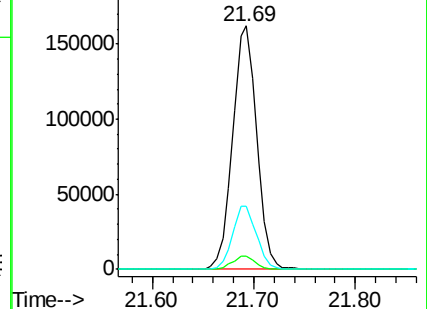
236 26.2 20.9 31.3



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: 58.380 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035522.D

Acq: 30 Jun 2018 1:55

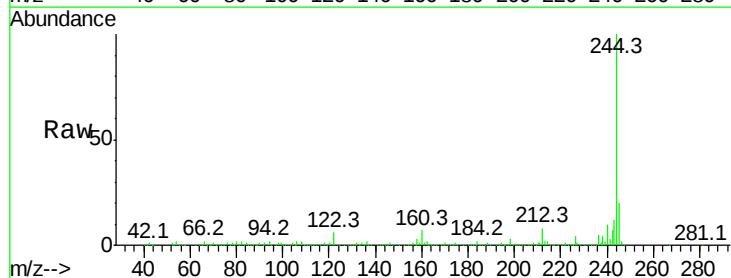
Tgt Ion:244 Resp: 743460

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

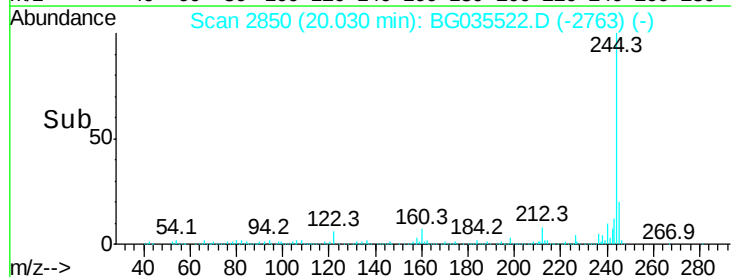
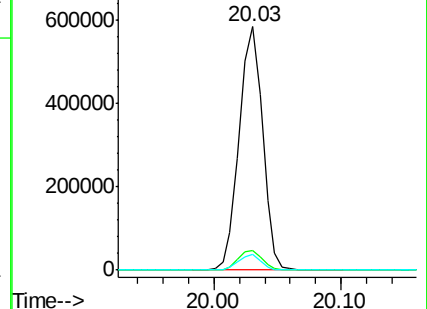
122 6.4 7.0 10.4#

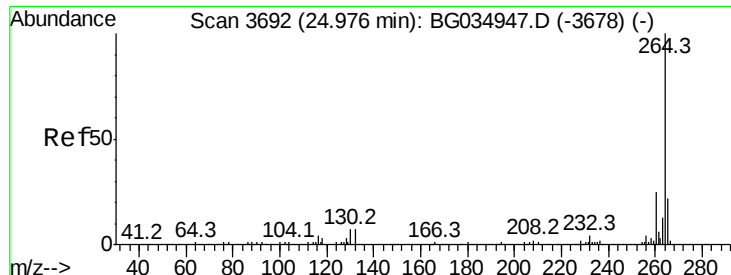


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035522.D
 Acq: 30 Jun 2018 1:55

Instrument :
 BNA_G
 ClientSampleId :
 EPE-119-5(40-42)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	19.2	17.7	26.5

