

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035383.D
 Acq On : 25 Jun 2018 18:13
 Operator : JU/SJ
 Sample : J3632-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(65-67)

Quant Time: Jun 25 19:18:34 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

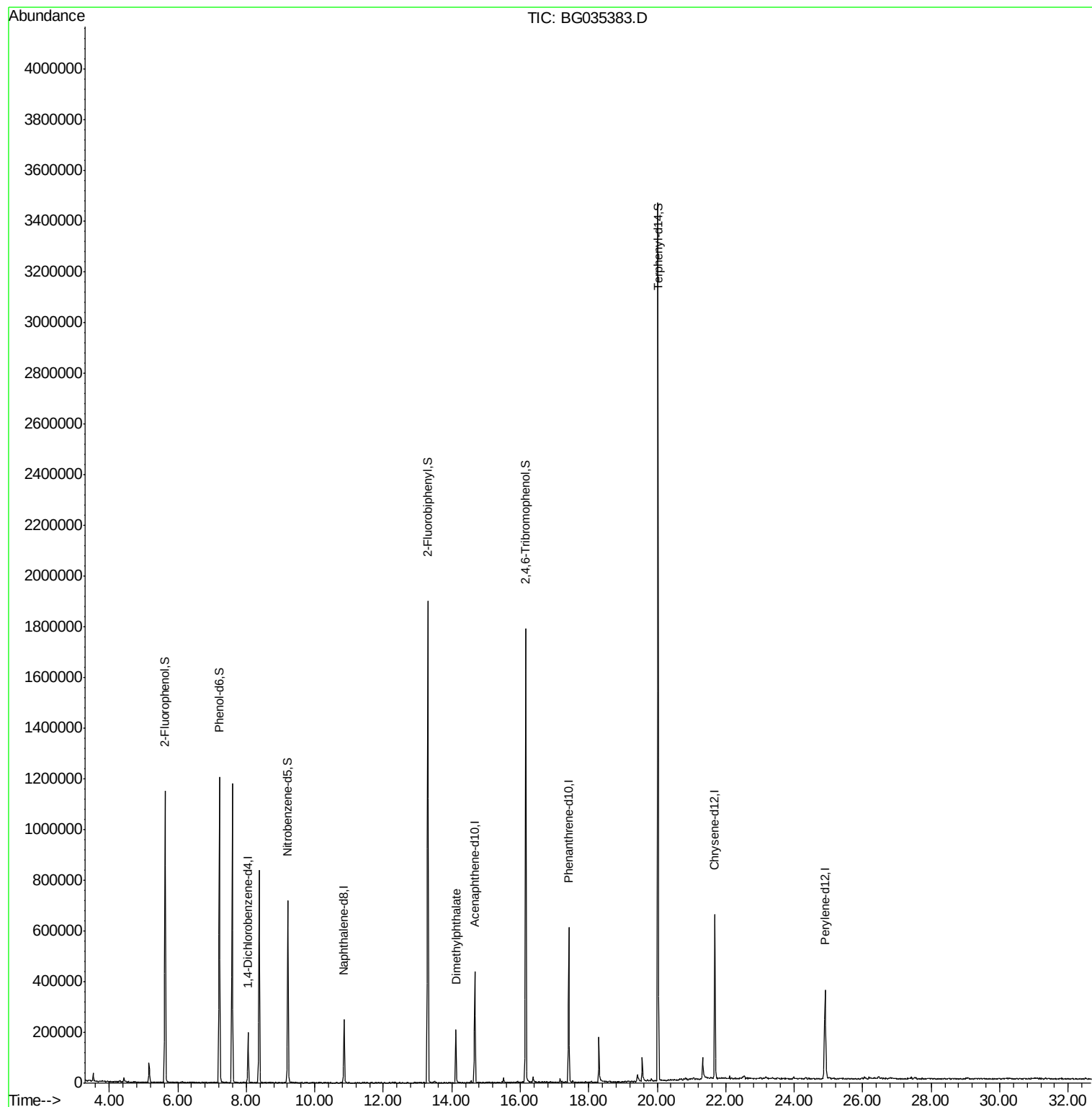
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54990	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	209853	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	152017	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	391978	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	412264	20.00	ng	-0.04
86) Perylene-d12	24.90	264	397846	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	504517	154.83	ng	-0.01
7) Phenol-d6	7.21	99	746615	155.24	ng	-0.01
23) Nitrobenzene-d5	9.21	82	480006	108.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	336738	173.04	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1046251	89.47	ng	-0.03
78) Terphenyl-d14	20.02	244	1648992	83.78	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.12	163	139119	10.495	ng	98

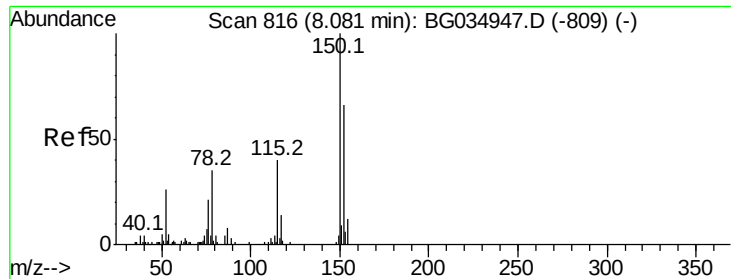
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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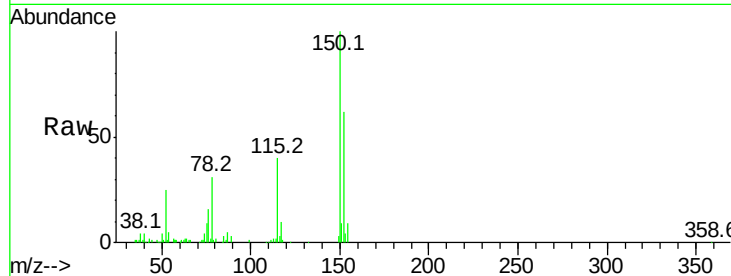


#1

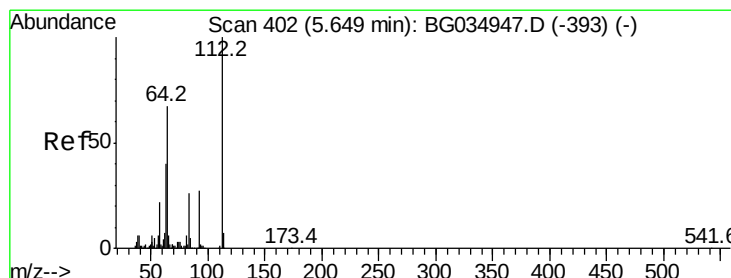
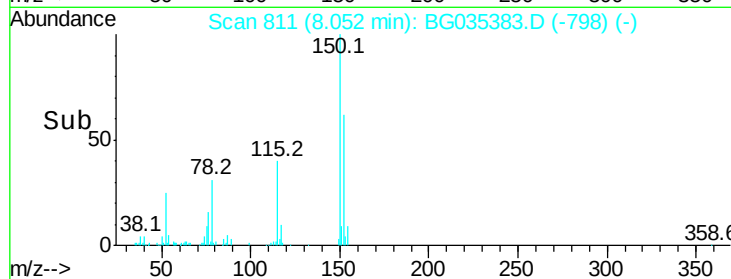
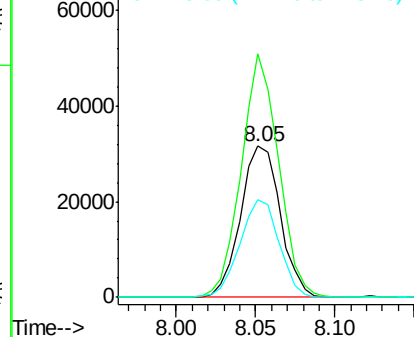
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035383.D
Acq: 25 Jun 2018 18:13

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(65-67)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.6	189.8
115	64.4	53.0	79.4



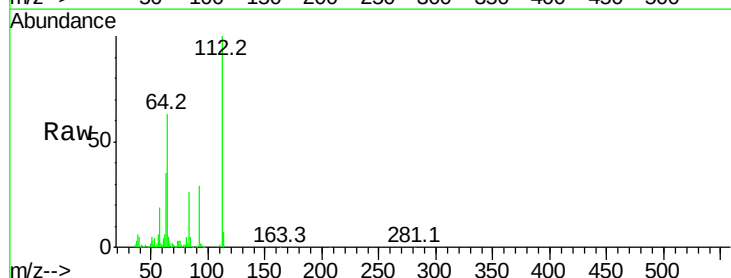
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



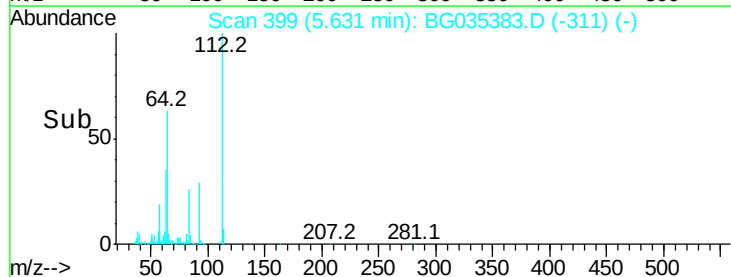
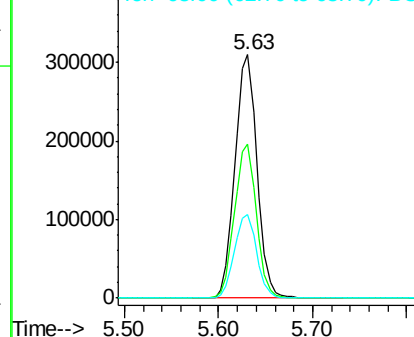
#5

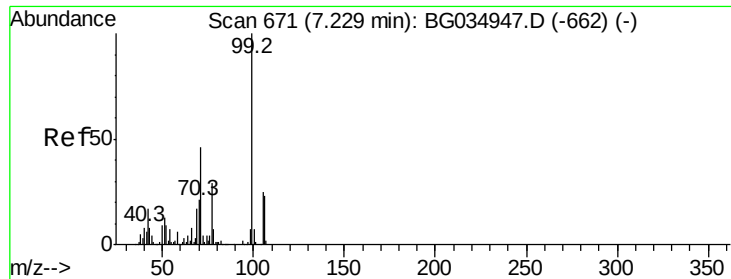
2-Fluorophenol
Concen: 154.833 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035383.D
Acq: 25 Jun 2018 18:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	56.3	84.5
63	34.6	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: 155.244 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035383.D

Acq: 25 Jun 2018 18:13

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(65-67)

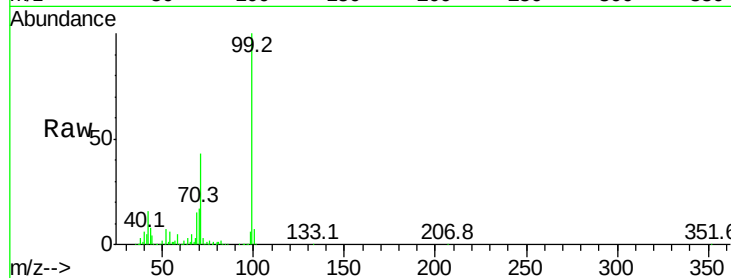
Tot Ion: 99 Resp: 746615

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

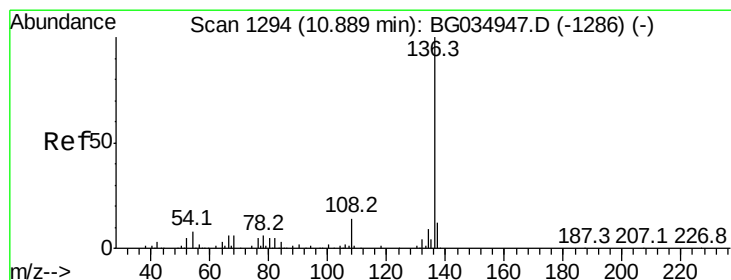
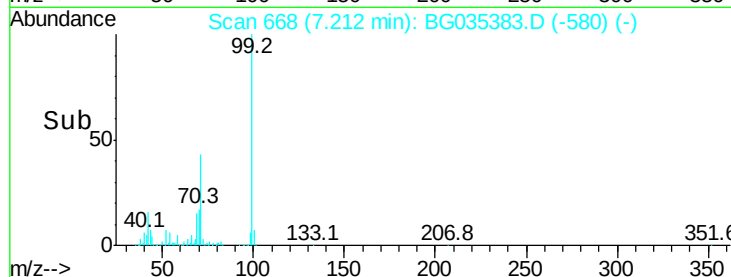
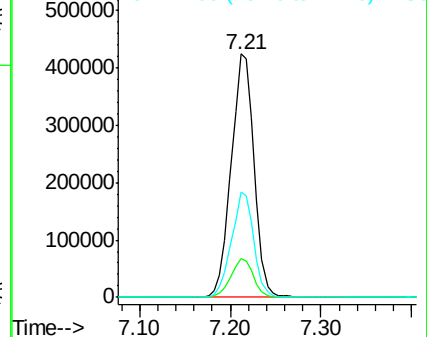
71 43.2 26.1 39.1#



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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035383.D

Acq: 25 Jun 2018 18:13

Tgt Ion: 136 Resp: 209853

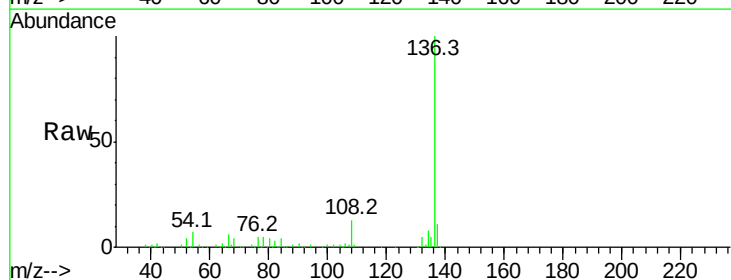
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.0 10.3 15.5#

68 4.0 4.5 6.7#

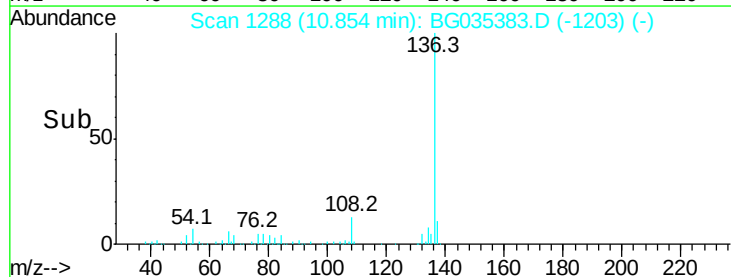
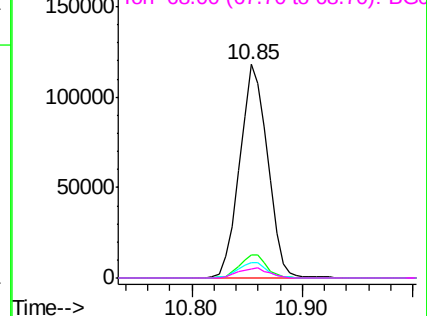


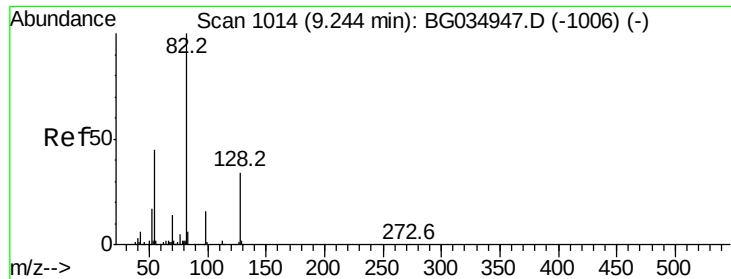
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

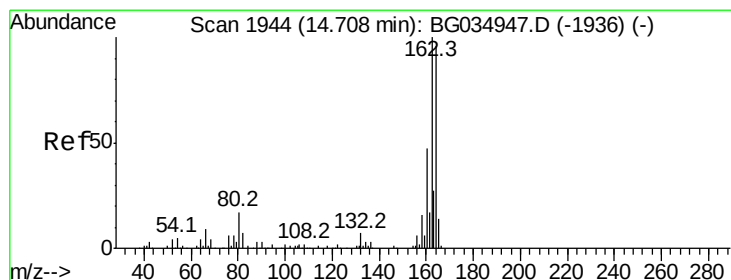
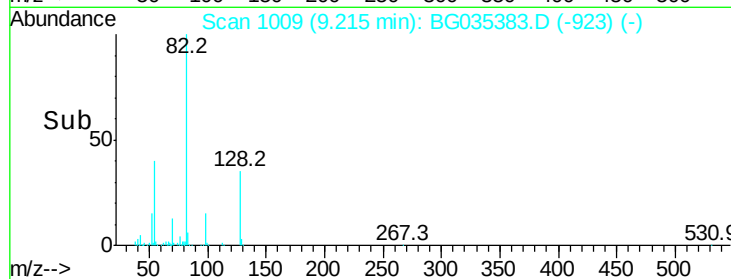
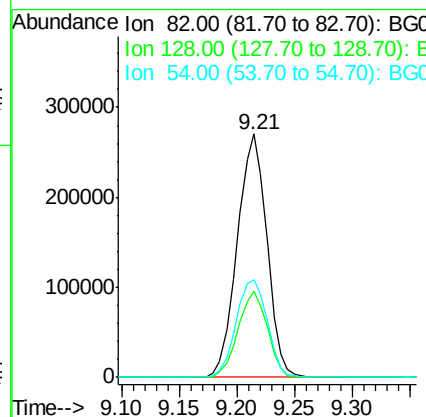
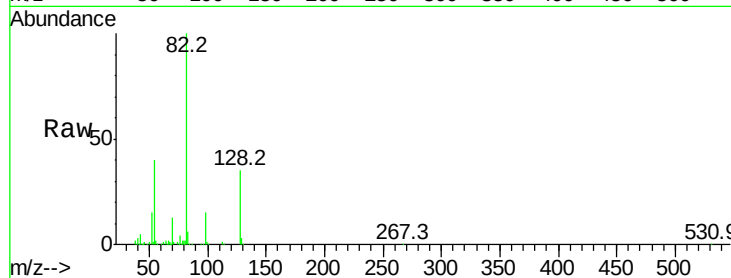




#23
 Nitrobenzene-d5
 Concen: 108.727 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035383.D
 Acq: 25 Jun 2018 18:13

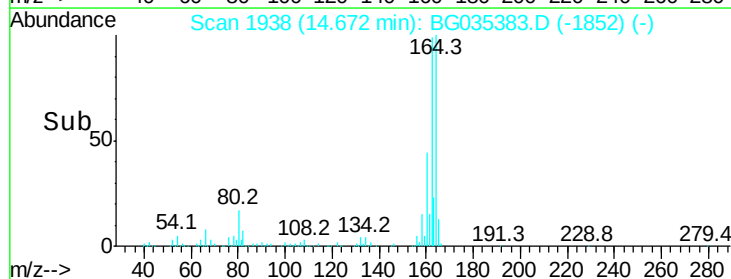
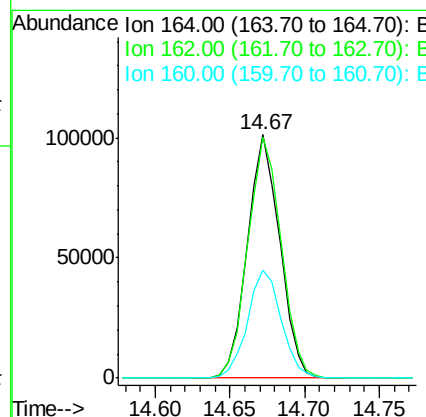
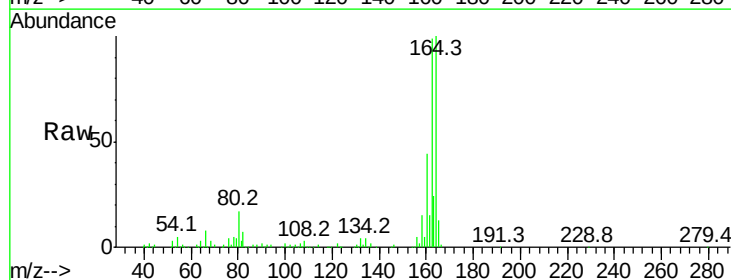
Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(65-67)

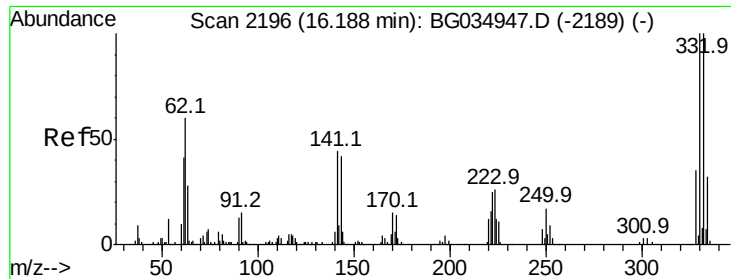
Tot Ion: 82 Resp: 480006
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 39.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035383.D
 Acq: 25 Jun 2018 18:13

Tgt Ion: 164 Resp: 152017
 Ion Ratio Lower Upper
 164 100
 162 98.9 78.8 118.2
 160 44.2 35.4 53.0

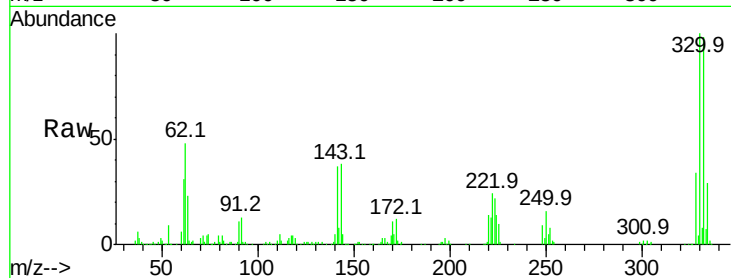




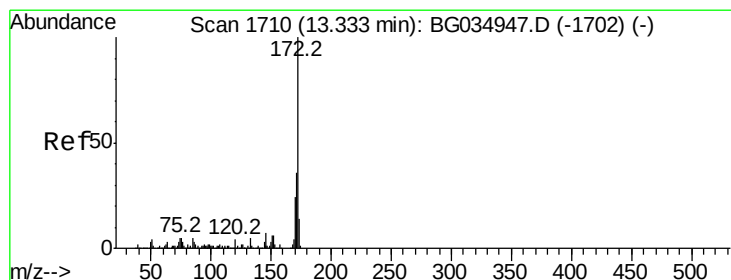
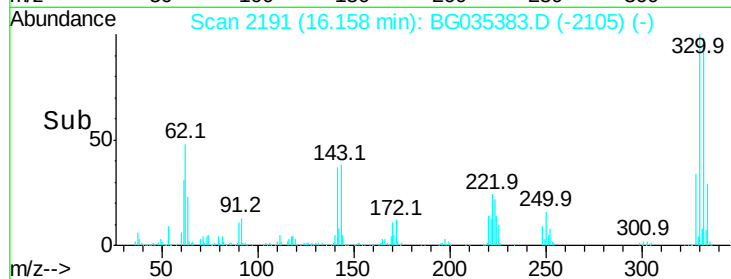
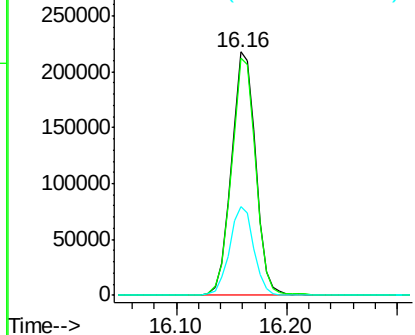
#41
 2,4,6-Tribromophenol
 Concen: 173.040 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035383.D
 Acq: 25 Jun 2018 18:13

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(65-67)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	36.3	25.2	37.8

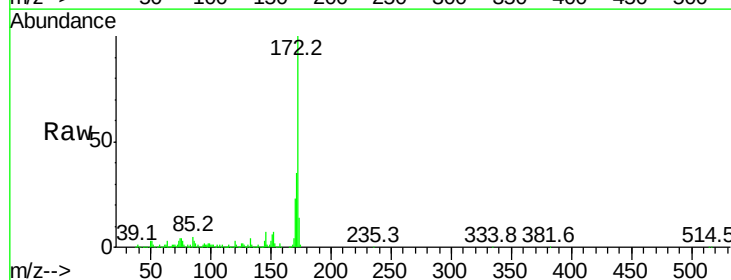


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

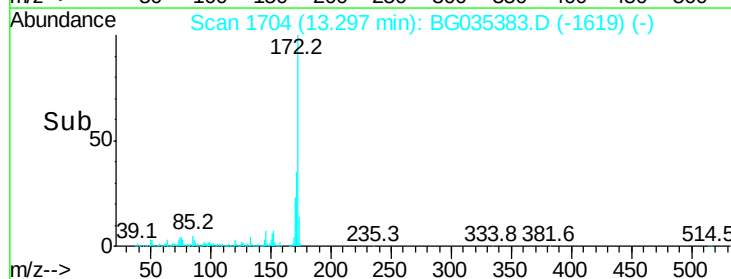
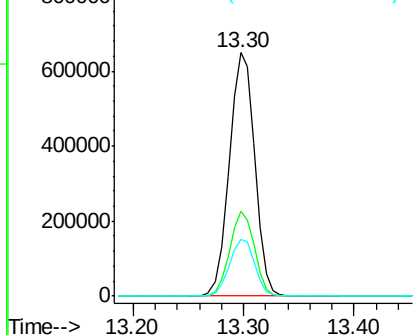


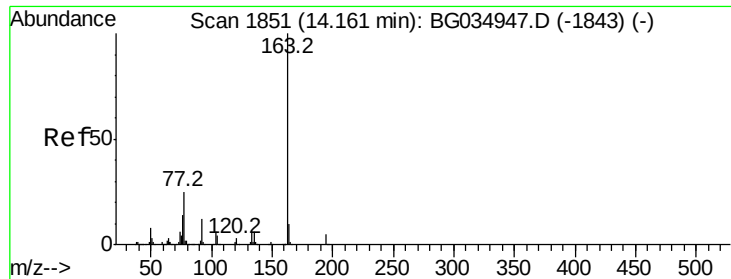
#44
 2-Fluorobiphenyl
 Concen: 89.472 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035383.D
 Acq: 25 Jun 2018 18:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	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: 10.495 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035383.D

Acq: 25 Jun 2018 18:13

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(65-67)

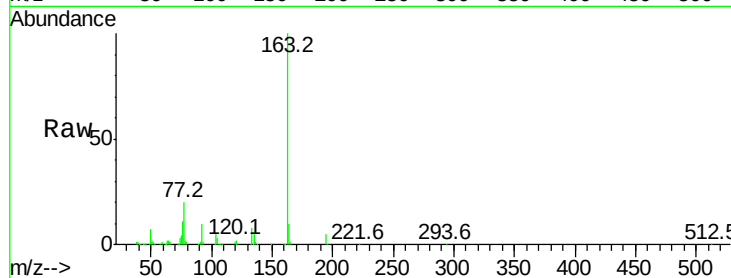
Tot Ion:163 Resp: 139119

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

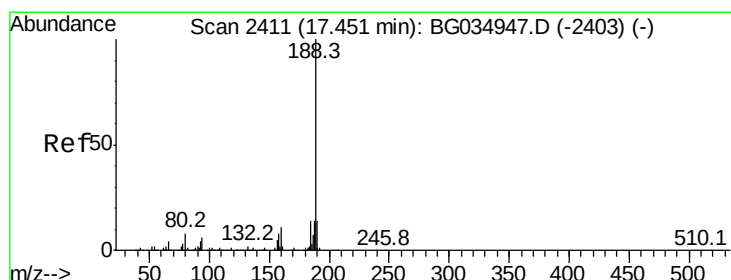
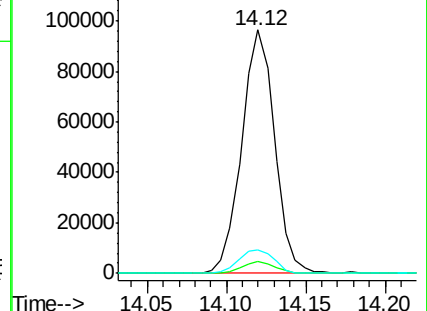
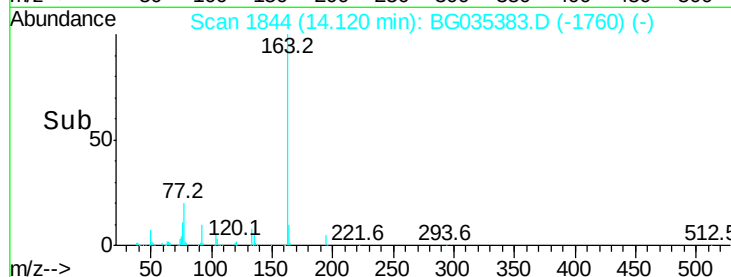
164 9.7 8.2 12.4



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# 2405

Delta R.T. -0.02 min

Lab File: BG035383.D

Acq: 25 Jun 2018 18:13

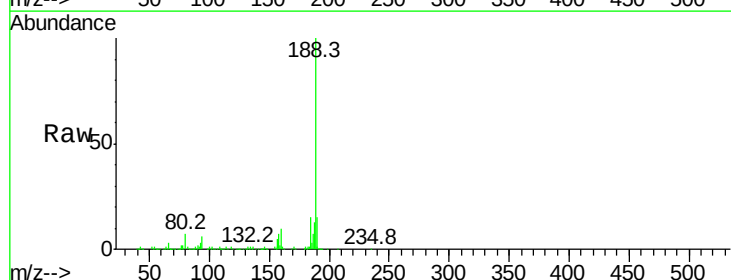
Tgt Ion:188 Resp: 391978

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

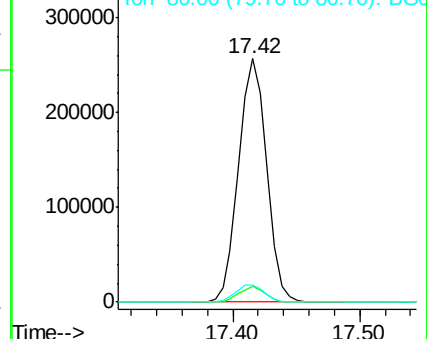
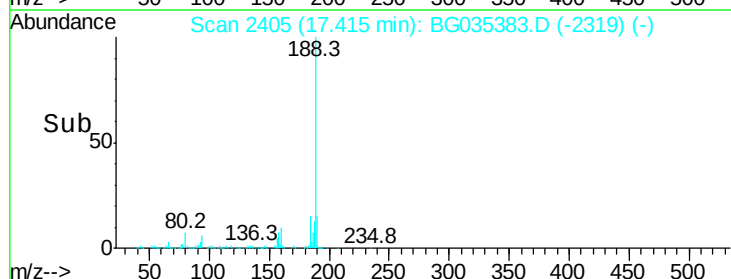
80 7.0 7.7 11.5#

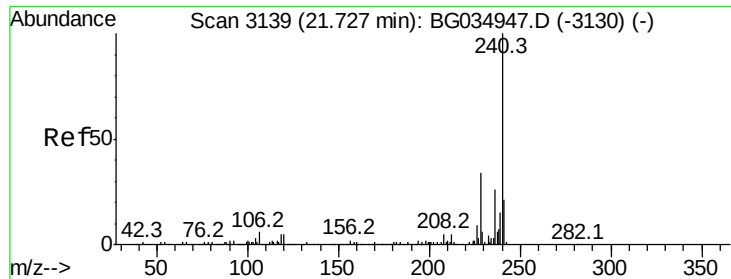


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035383.D

Acq: 25 Jun 2018 18:13

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(65-67)

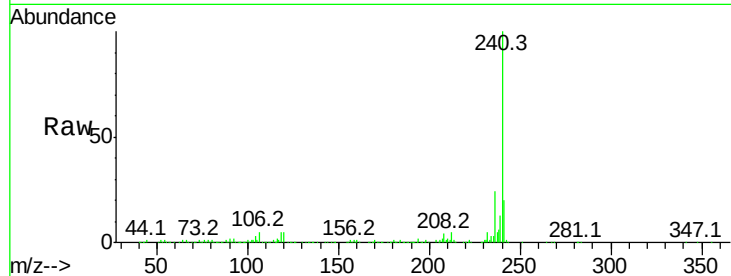
Tot Ion:240 Resp: 412264

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

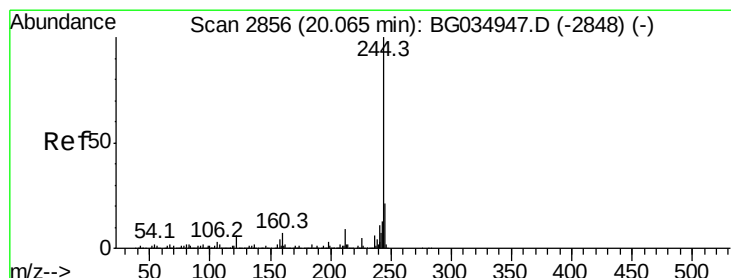
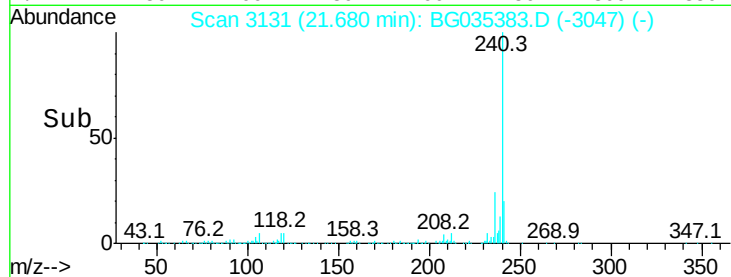
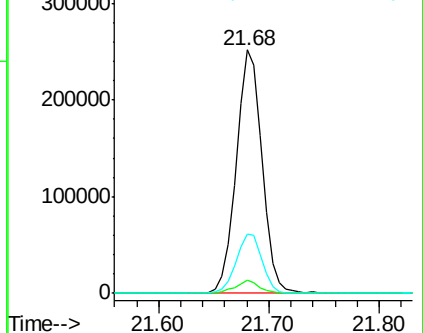
236 24.2 20.9 31.3



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: 83.784 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035383.D

Acq: 25 Jun 2018 18:13

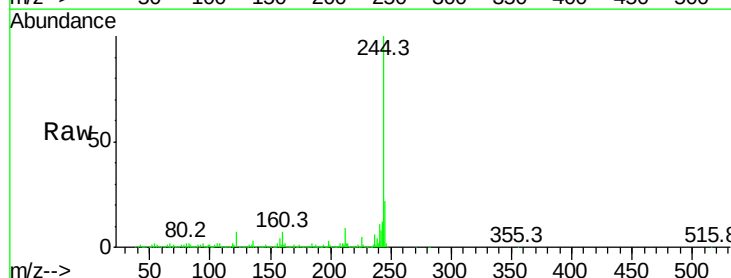
Tgt Ion:244 Resp: 1648992

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

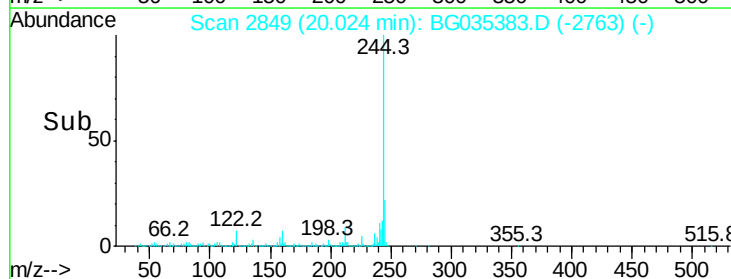
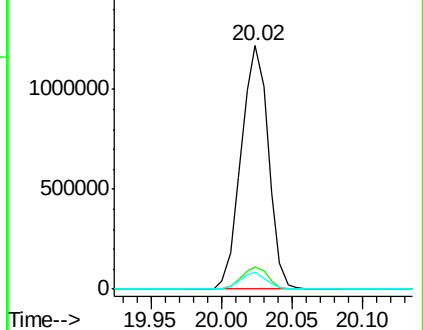
122 6.8 7.0 10.4#

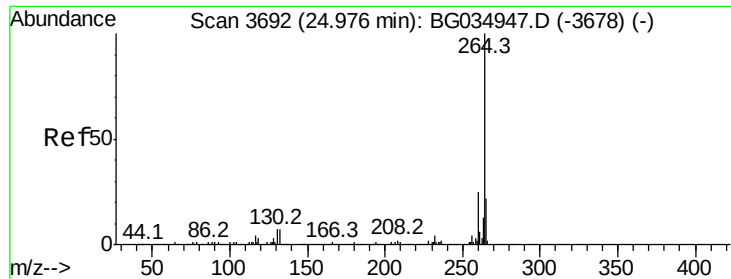


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

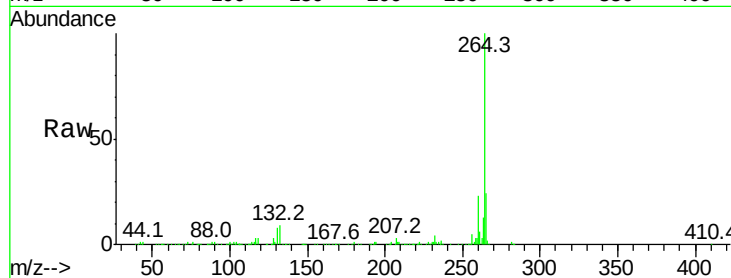




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035383.D
Acq: 25 Jun 2018 18:13

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(65-67)

Tot Ion:	264	Resp:	397846
Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	23.9	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

