

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034985.D
 Acq On : 8 Jun 2018 14:54
 Operator : SJ/JU
 Sample : J3353-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-1(55-57)

Quant Time: Jun 08 15:38:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

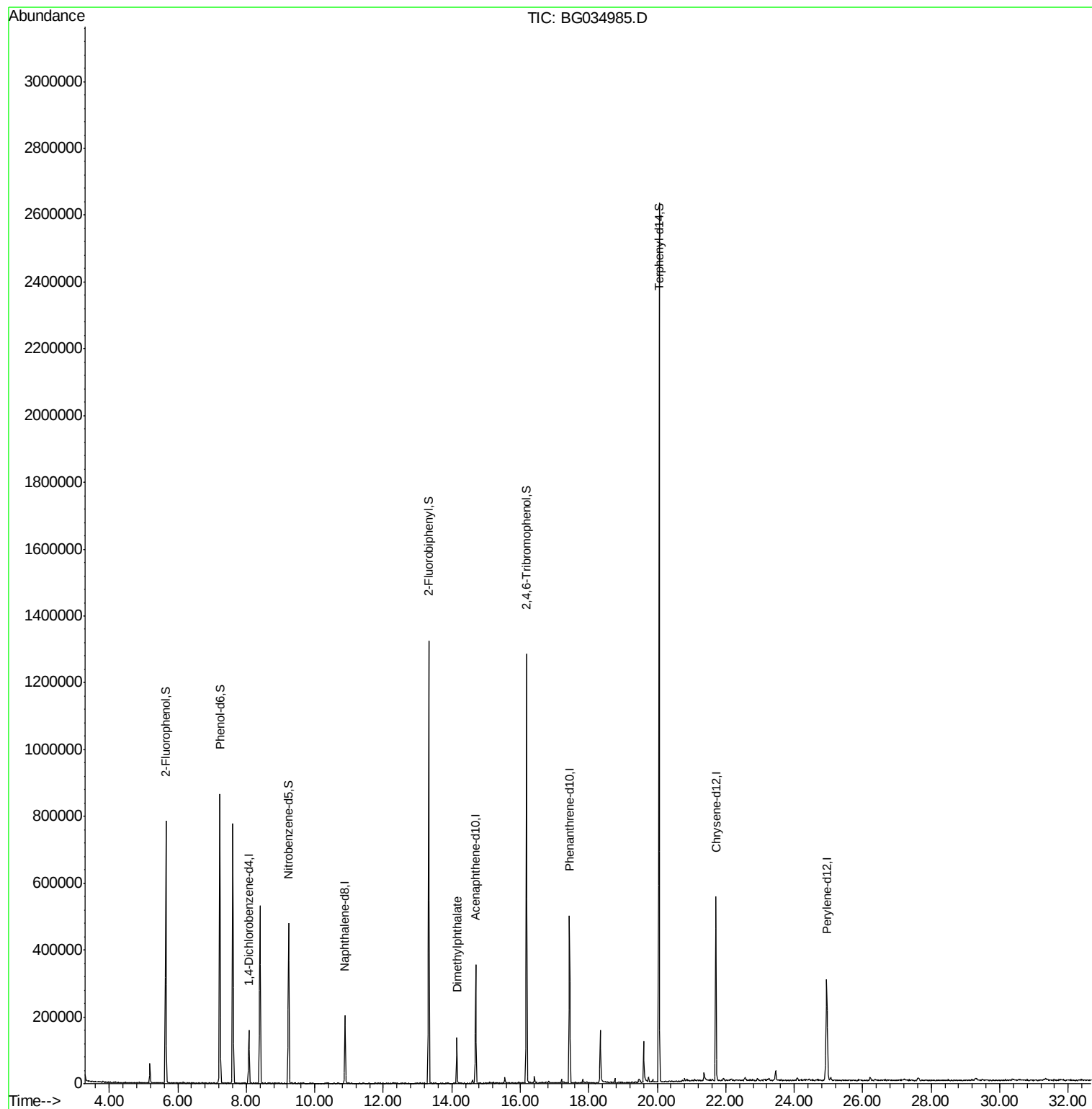
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	42258	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	163127	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	121252	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	314957	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	341384	20.00	ng	-0.02
86) Perylene-d12	24.95	264	335147	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	330883	132.14	ng	0.00
7) Phenol-d6	7.23	99	502599	135.99	ng	0.00
23) Nitrobenzene-d5	9.24	82	308075	89.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	217515	140.14	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	689241	73.90	ng	-0.01
78) Terphenyl-d14	20.05	244	1238033	75.96	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.15	163	86094	8.142	ng	Qvalue 100

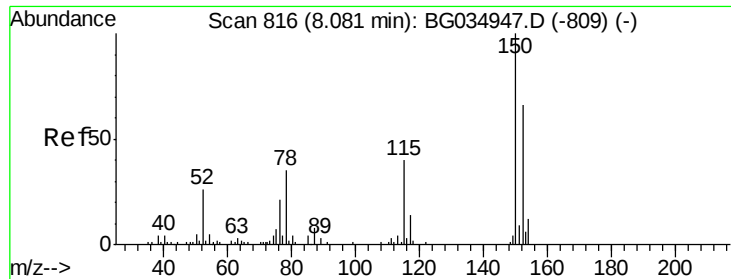
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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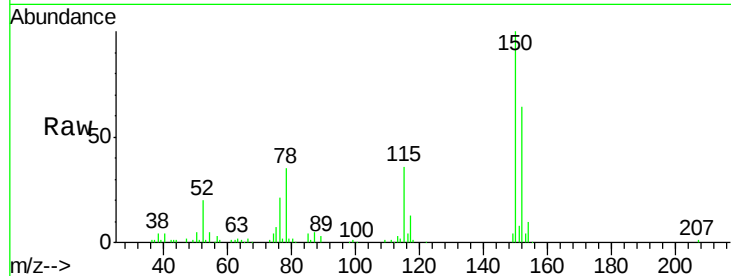


#1

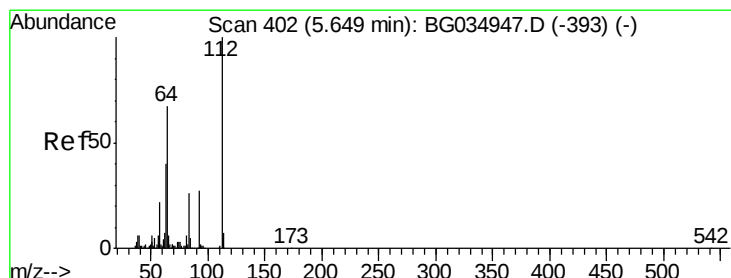
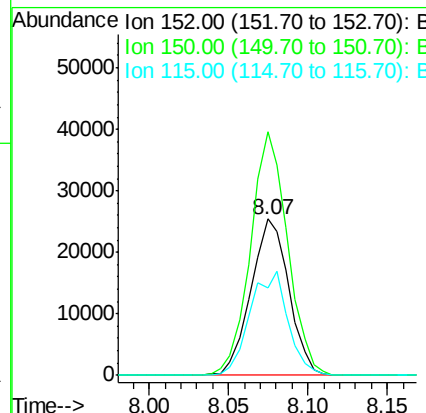
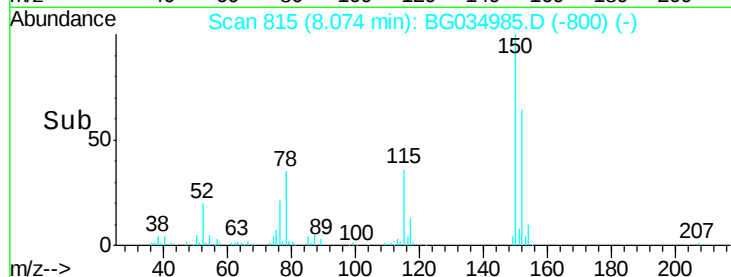
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

Instrument :
BNA_G
ClientSampleId :
EPE-109-1(55-57)

Tot Ion:152 Resp: 42258
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 55.8 53.0 79.4



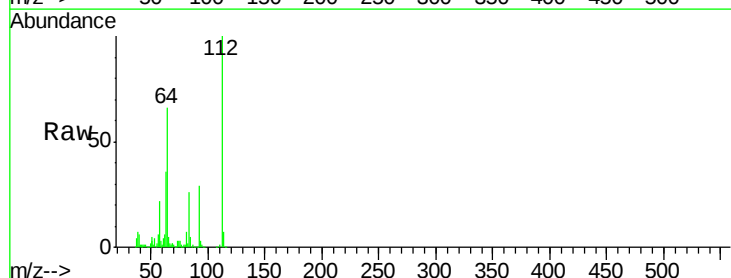
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



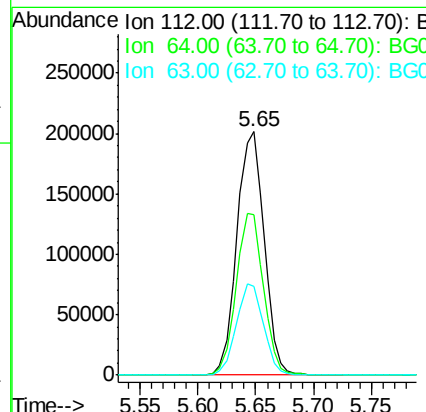
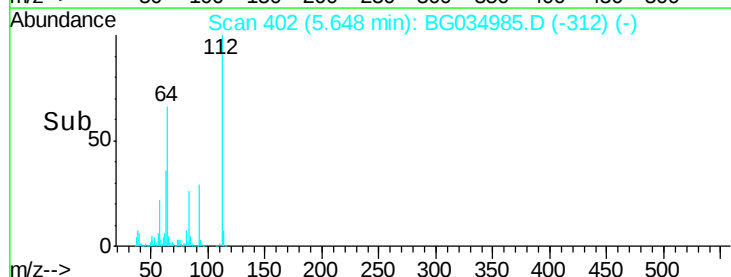
#5

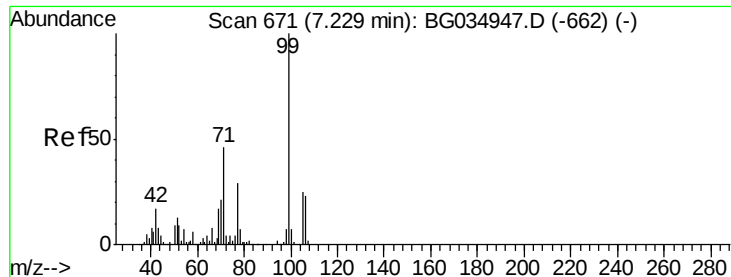
2-Fluorophenol
Concen: 132.141 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

Tgt Ion:112 Resp: 330883
Ion Ratio Lower Upper
112 100
64 65.8 56.3 84.5
63 36.4 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: 135.993 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

BNA_G

ClientSampleId :

EPE-109-1(55-57)

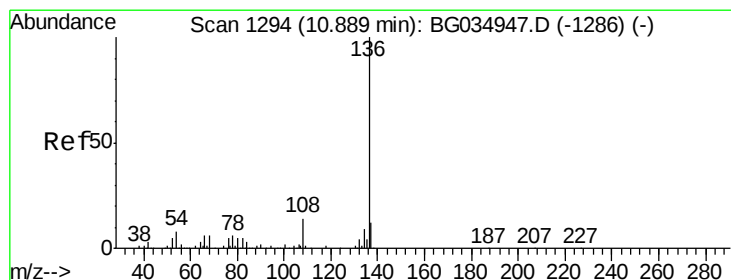
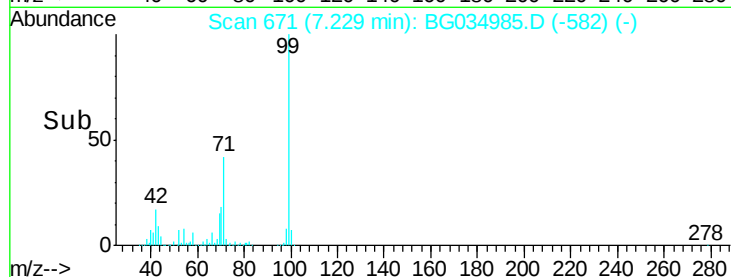
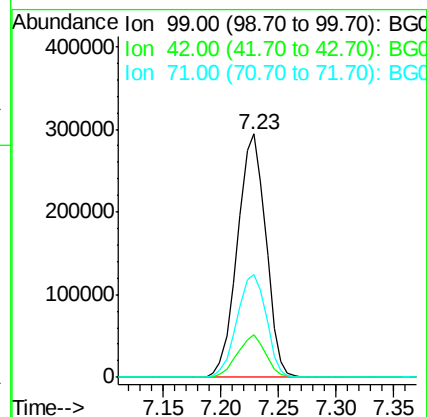
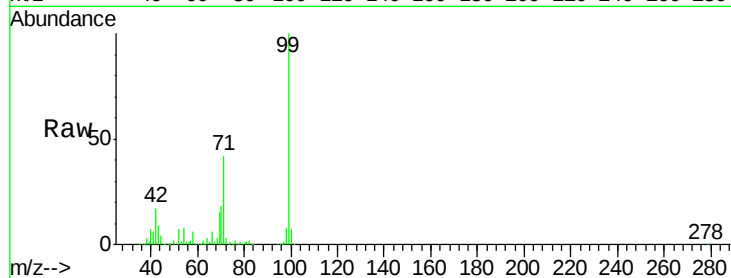
Tot Ion: 99 Resp: 502599

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

71 42.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Tgt Ion: 136 Resp: 163127

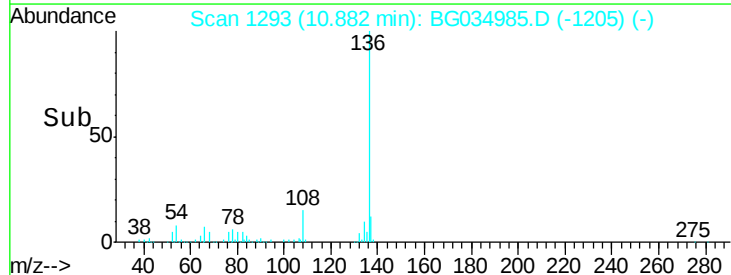
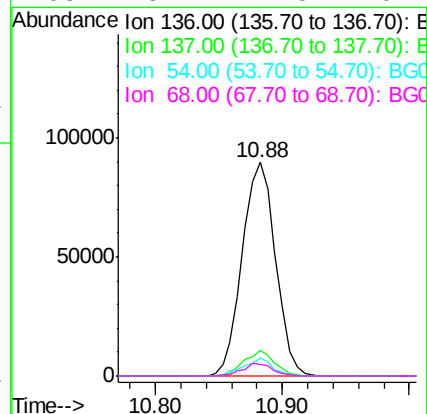
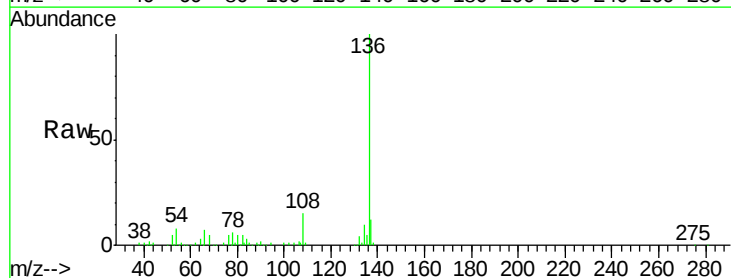
Ion Ratio Lower Upper

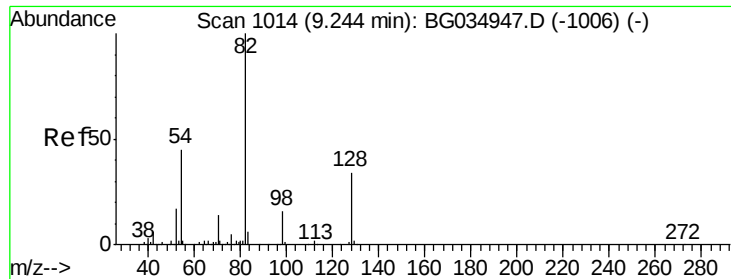
136 100

137 12.1 9.2 13.8

54 8.4 10.3 15.5#

68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 89.771 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

BNA_G

ClientSampleId :

EPE-109-1(55-57)

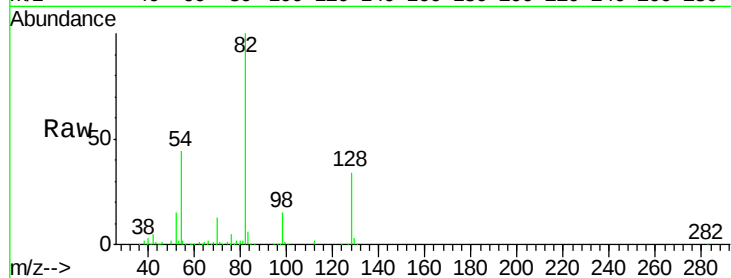
Tot Ion: 82 Resp: 308075

Ion Ratio Lower Upper

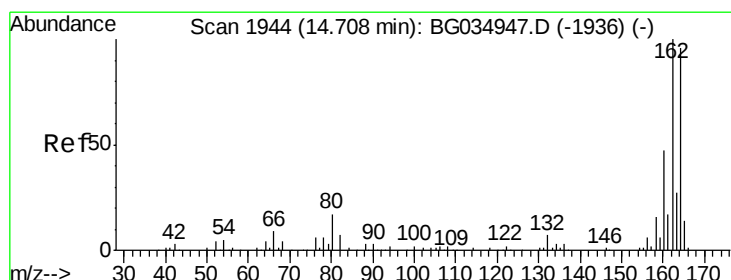
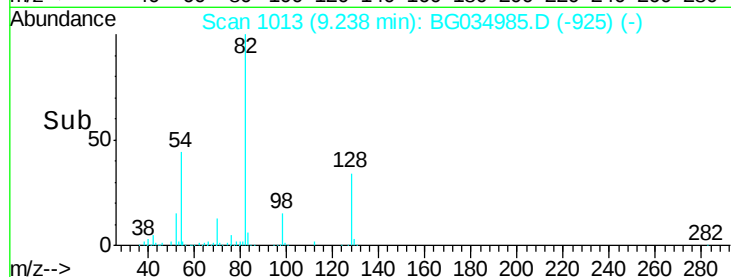
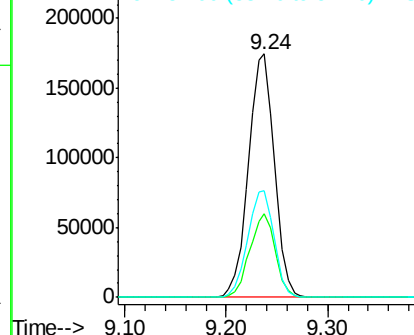
82 100

128 34.1 29.7 44.5

54 43.7 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: 14.69 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

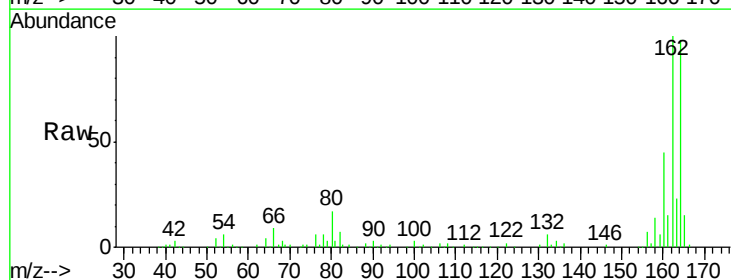
Tgt Ion:164 Resp: 121252

Ion Ratio Lower Upper

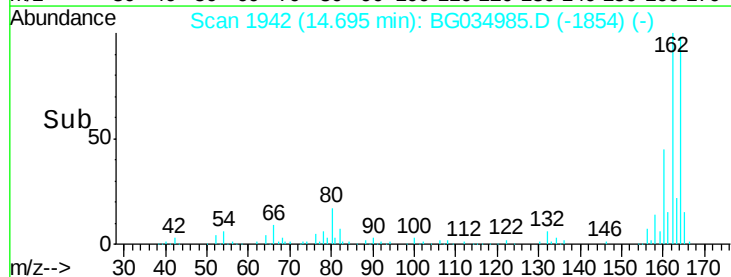
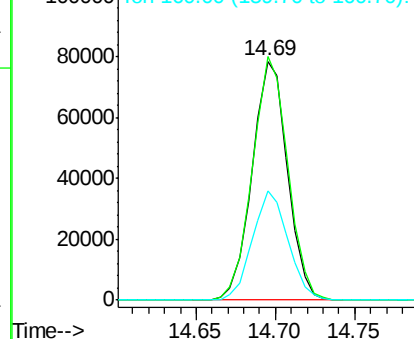
164 100

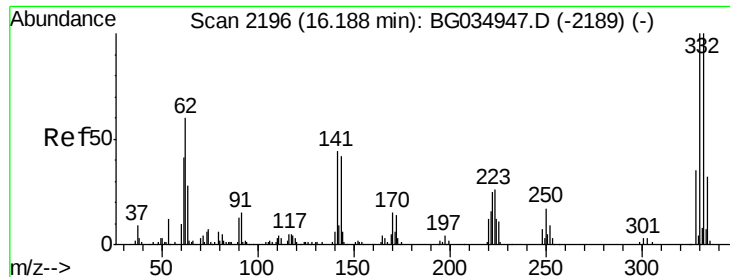
162 101.9 78.8 118.2

160 45.8 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: 140.135 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

BNA_G

ClientSampleId :

EPE-109-1(55-57)

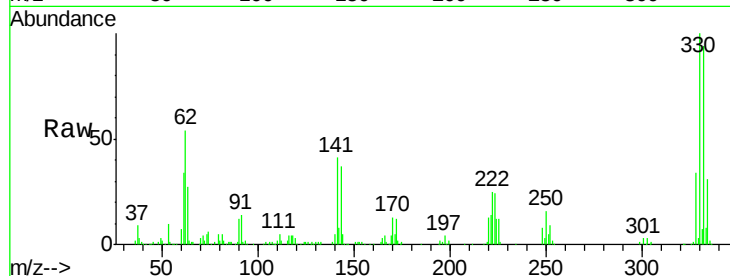
Tot Ion:330 Resp: 217515

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

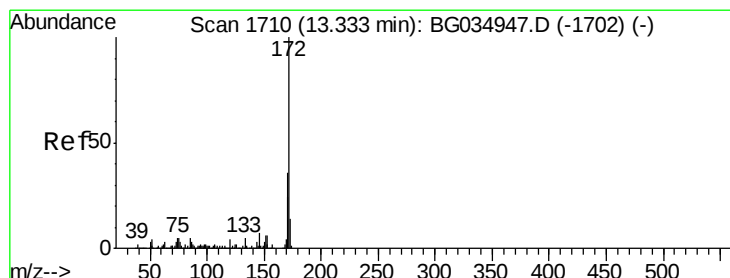
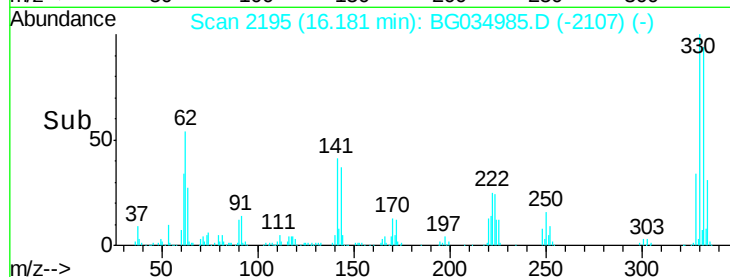
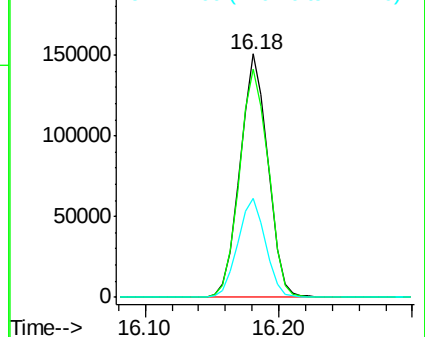
141 40.6 25.2 37.8#



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: 73.897 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

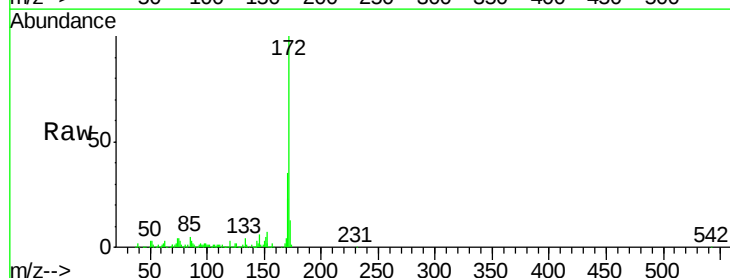
Tgt Ion:172 Resp: 689241

Ion Ratio Lower Upper

172 100

171 34.6 30.0 45.0

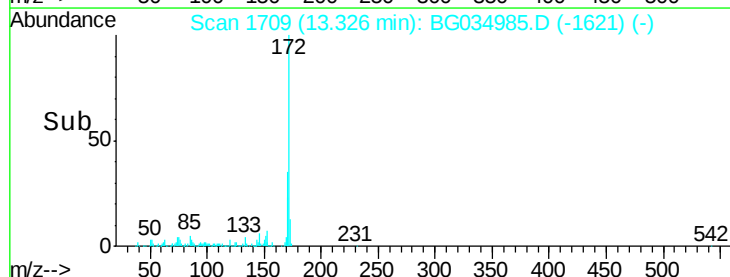
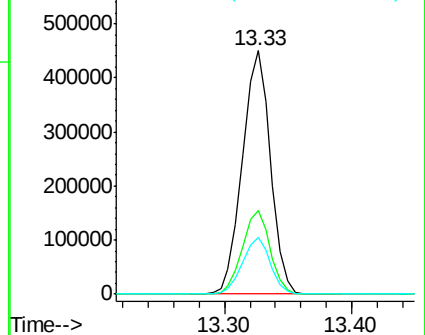
170 23.5 19.5 29.3

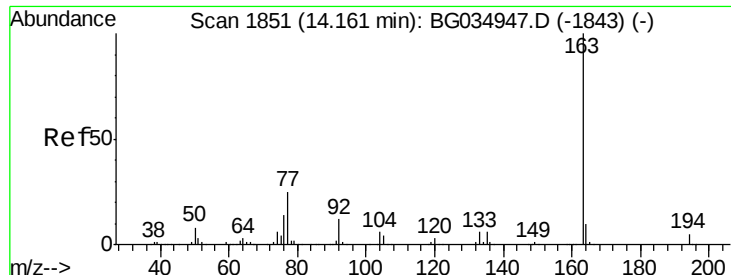


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.142 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

BNA_G

ClientSampleId :

EPE-109-1(55-57)

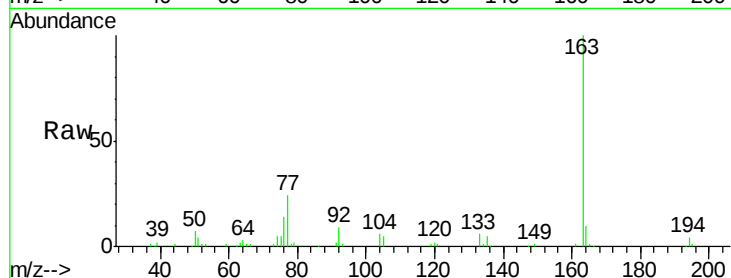
Tot Ion:163 Resp: 86094

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

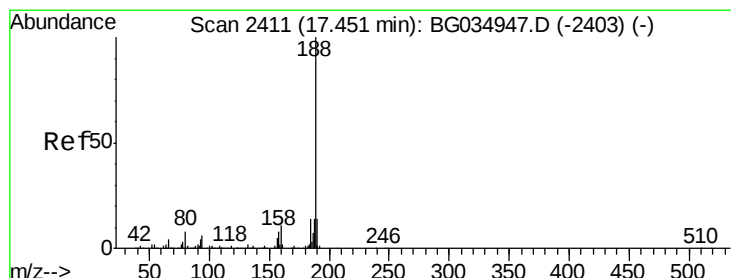
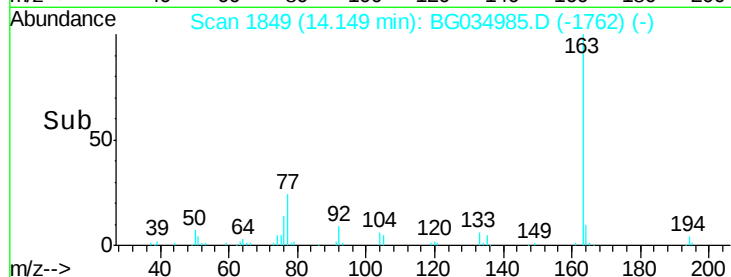
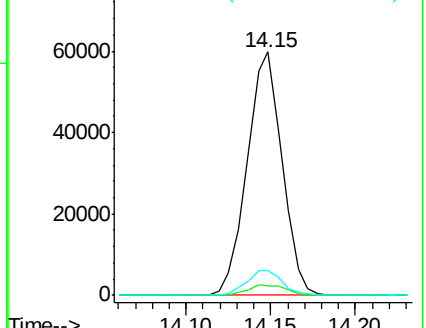
164 10.3 8.2 12.4



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: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

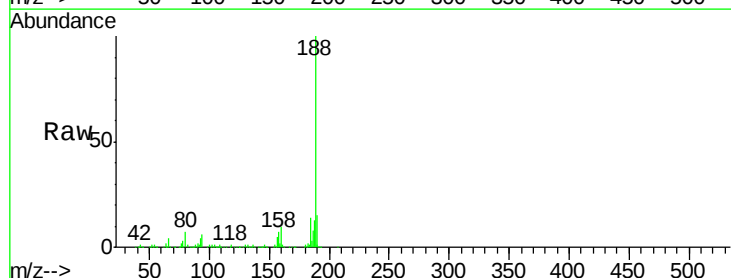
Tgt Ion:188 Resp: 314957

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

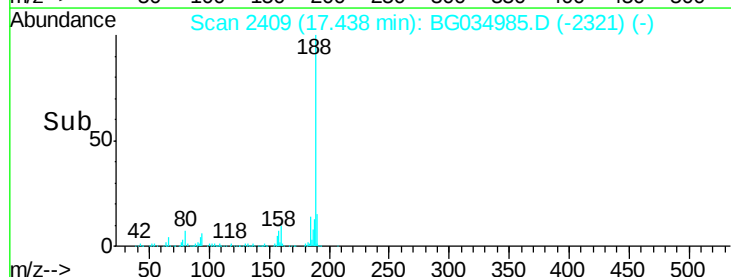
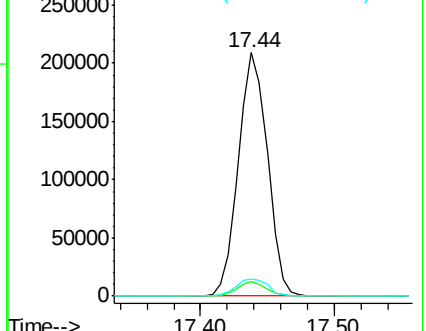
80 7.0 7.7 11.5#

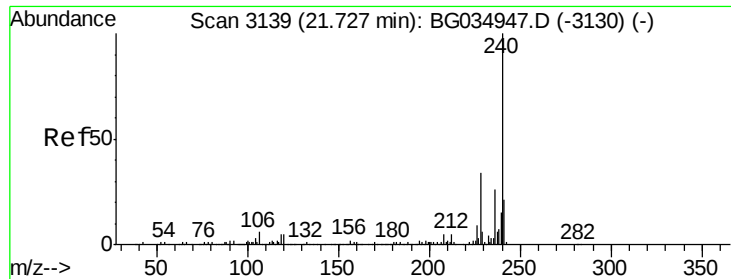


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.71 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

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ClientSampleId :

EPE-109-1(55-57)

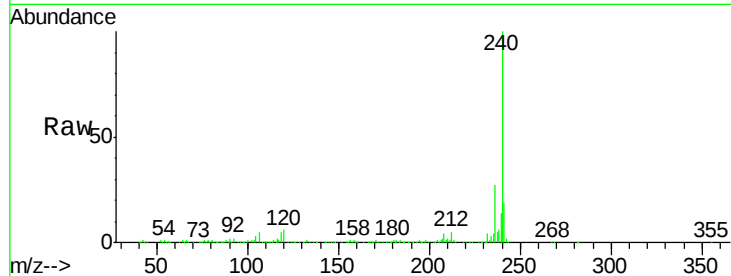
Tot Ion:240 Resp: 341384

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

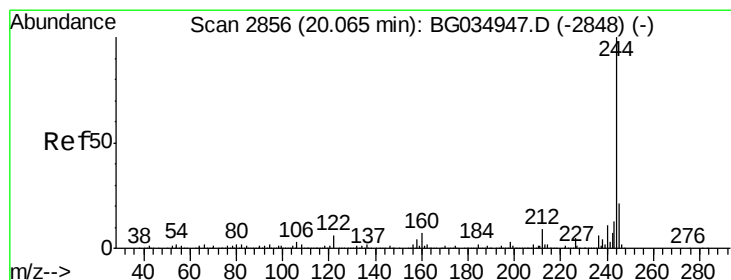
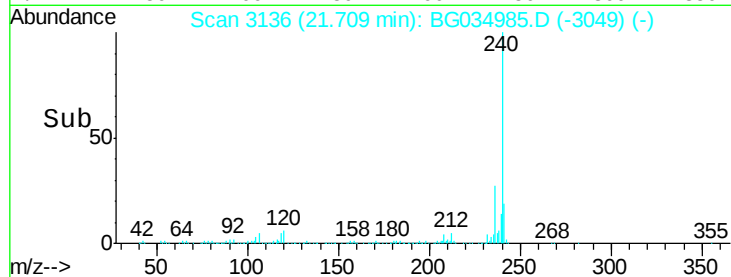
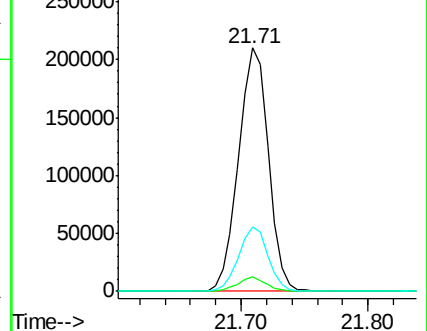
236 26.7 20.9 31.3



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: 75.964 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

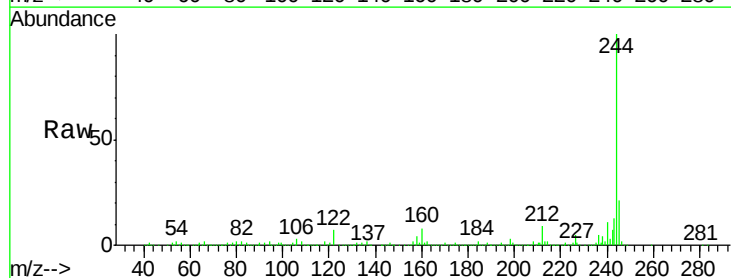
Tgt Ion:244 Resp: 1238033

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

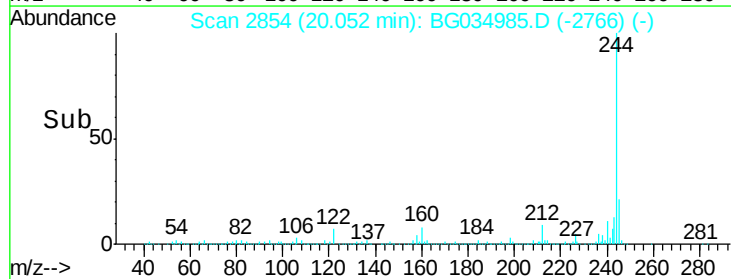
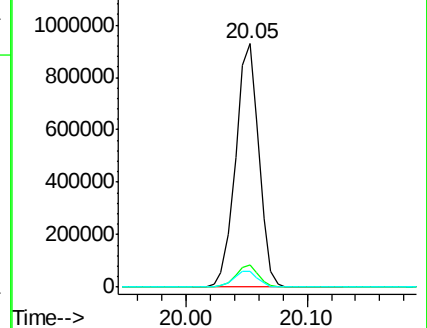
122 6.6 7.0 10.4#

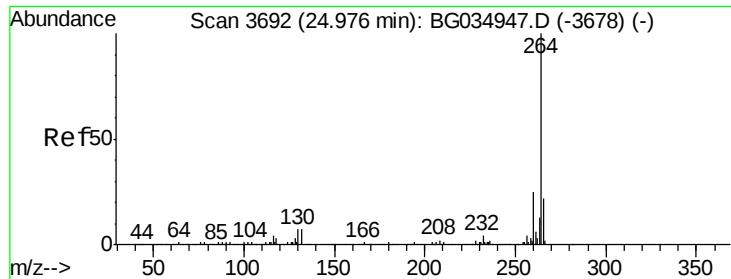


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

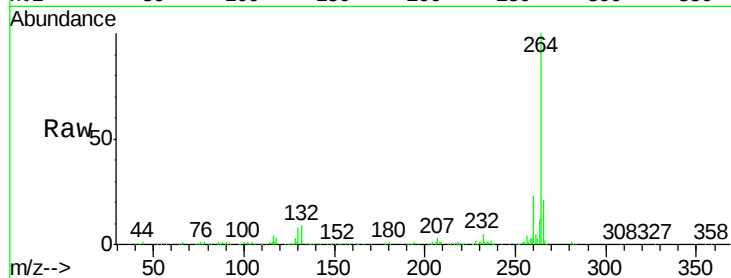




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.95 min Scan# 3687
 Delta R.T. -0.04 min
 Lab File: BG034985.D
 Acq: 8 Jun 2018 14:54

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-1(55-57)

Tot Ion: 264 Resp: 335147
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 21.2 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

