

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035415.D
 Acq On : 26 Jun 2018 18:17
 Operator : JU/SJ
 Sample : J3665-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)

Quant Time: Jun 27 02:58:30 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

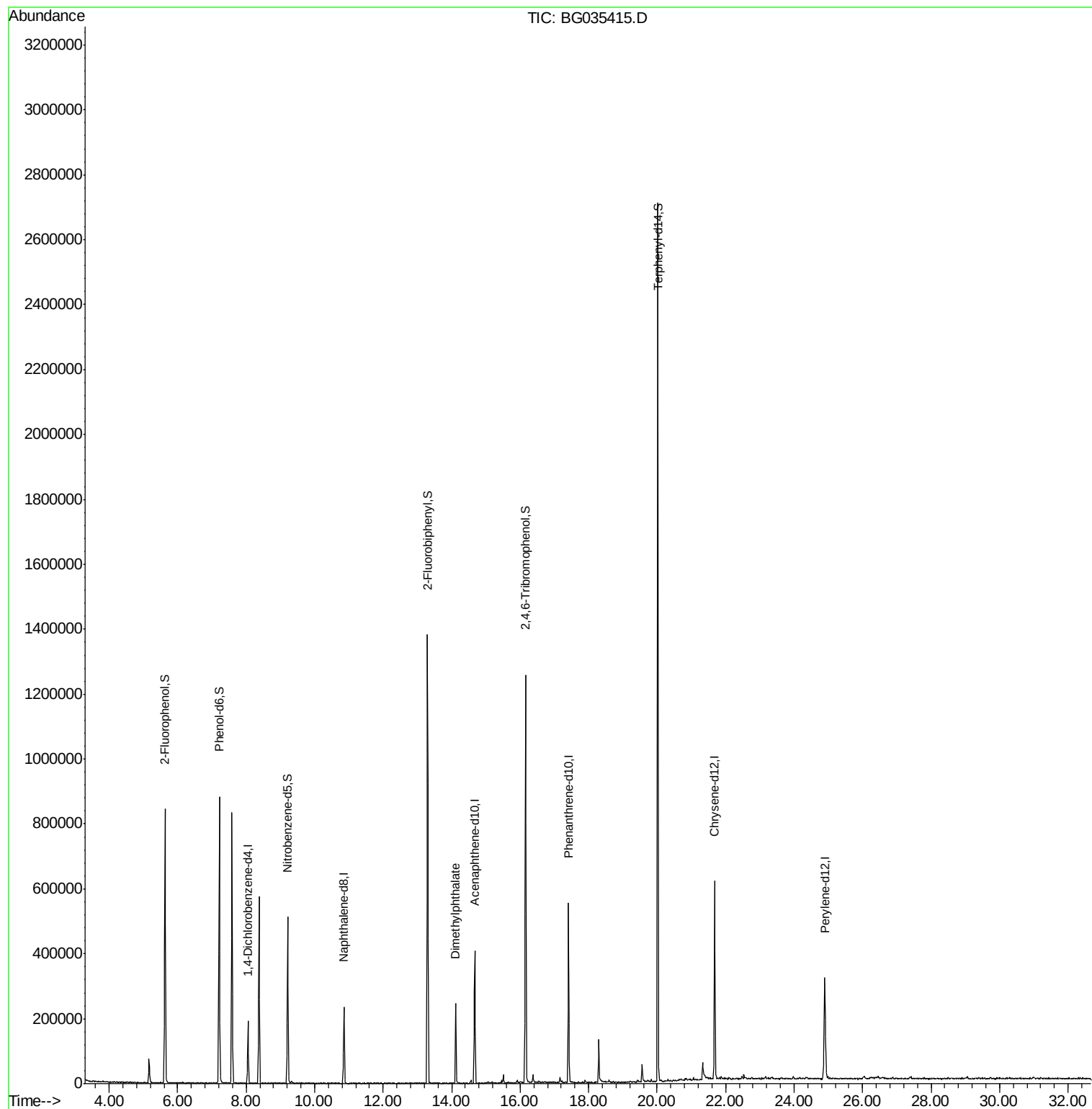
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55760	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	200816	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	141944	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	363385	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	391469	20.00	ng	-0.04
86) Perylene-d12	24.90	264	367747	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	368473	111.52	ng	-0.02
7) Phenol-d6	7.21	99	555214	113.85	ng	-0.02
23) Nitrobenzene-d5	9.21	82	342779	81.14	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	243080	133.78	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	762813	69.86	ng	-0.03
78) Terphenyl-d14	20.02	244	1287616	68.90	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.12	163	160483	12.965	ng	Qvalue # 97

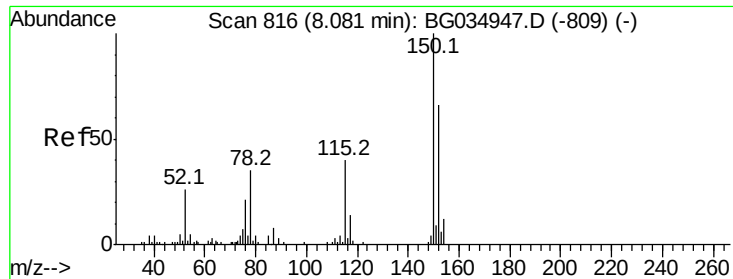
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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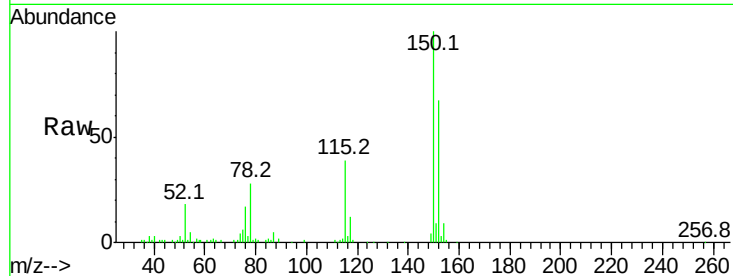


#1

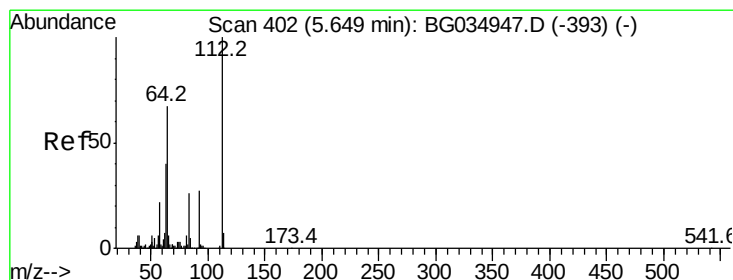
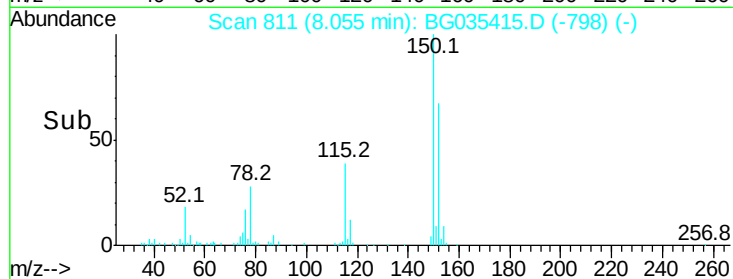
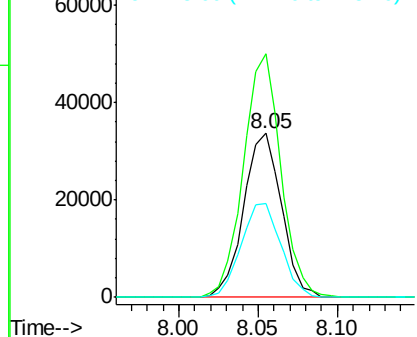
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035415.D
Acq: 26 Jun 2018 18:17

Instrument :
BNA_G
ClientSampleId :
EPE-105-4(95-97)

Tot Ion:152 Resp: 55760
Ion Ratio Lower Upper
152 100
150 148.8 126.6 189.8
115 57.4 53.0 79.4



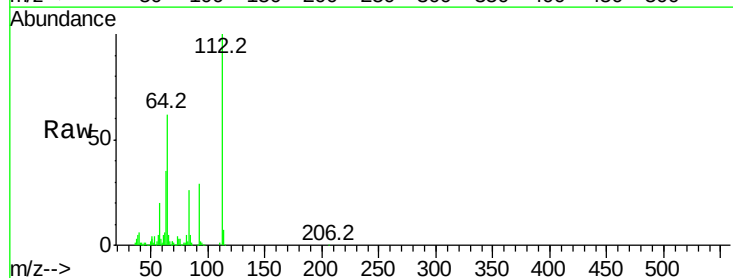
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



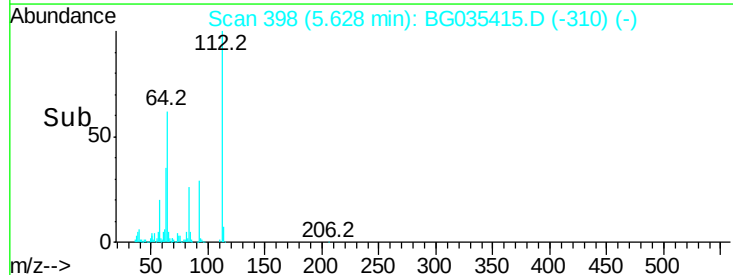
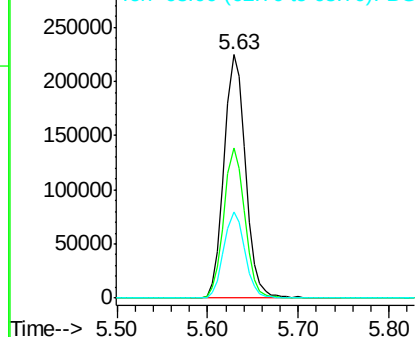
#5

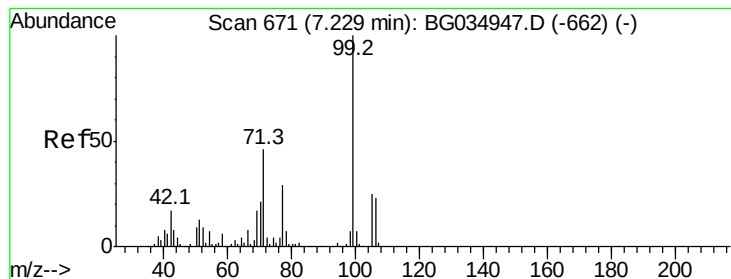
2-Fluorophenol
Concen: 111.520 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035415.D
Acq: 26 Jun 2018 18:17

Tgt Ion:112 Resp: 368473
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 35.5 30.1 45.1



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





#7

Phenol-d6

Concen: 113.852 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(95-97)

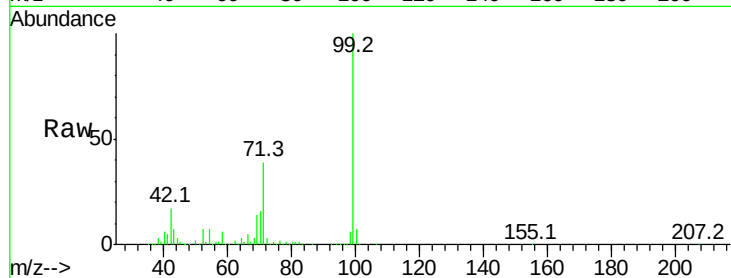
Tot Ion: 99 Resp: 555214

Ion Ratio Lower Upper

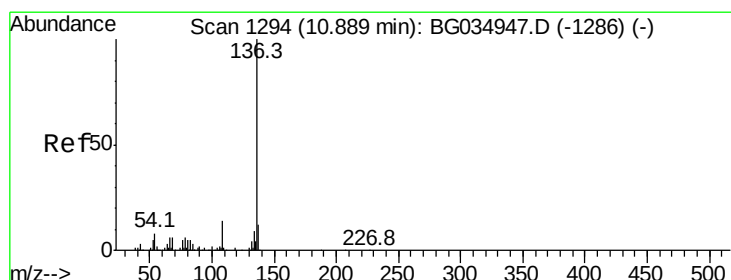
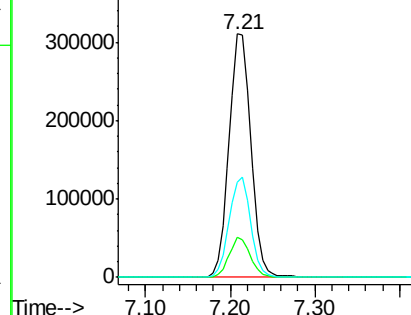
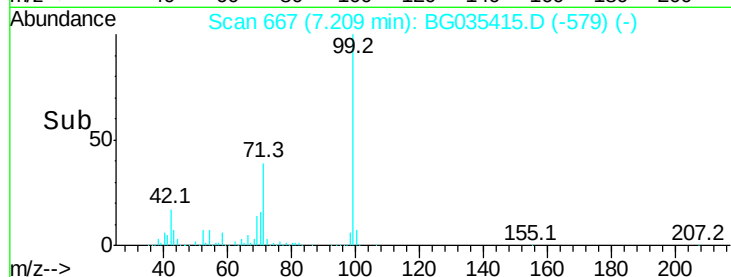
99 100

42 16.7 14.1 21.1

71 39.0 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: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

Tgt Ion:136 Resp: 200816

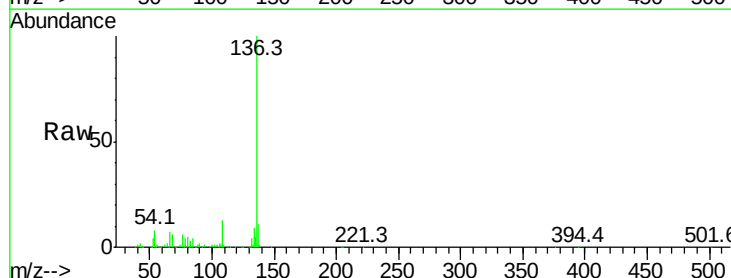
Ion Ratio Lower Upper

136 100

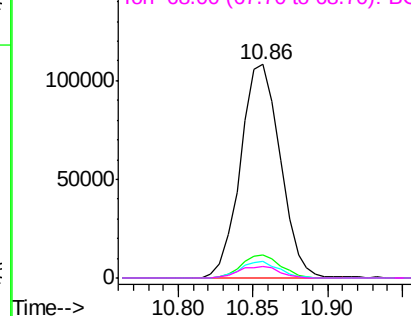
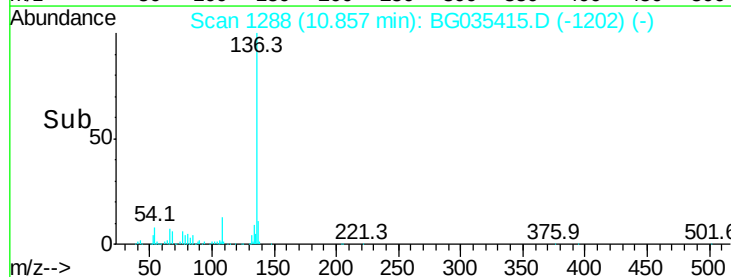
137 10.6 9.2 13.8

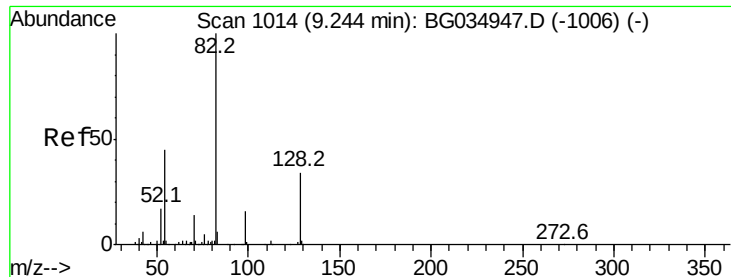
54 7.6 10.3 15.5#

68 5.6 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: 81.138 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(95-97)

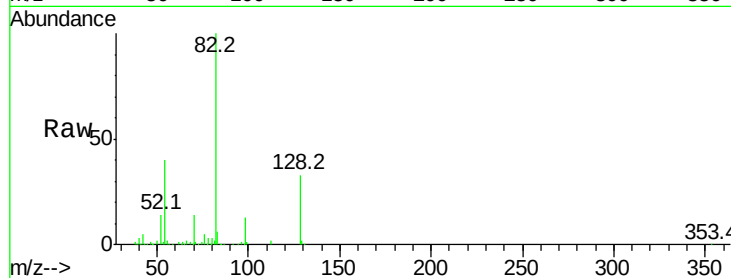
Tot Ion: 82 Resp: 342779

Ion Ratio Lower Upper

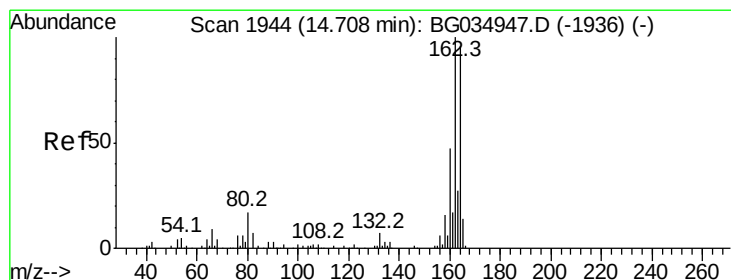
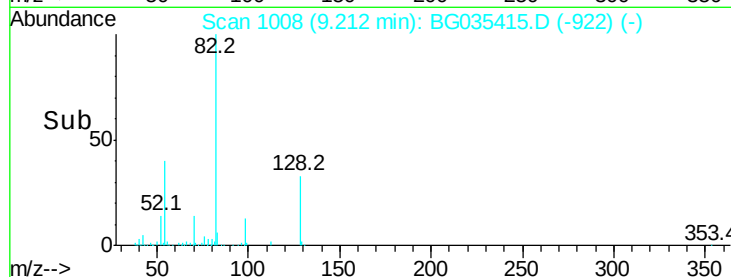
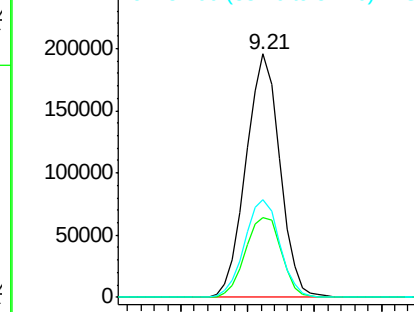
82 100

128 32.7 29.7 44.5

54 40.3 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# 1938

Delta R.T. -0.02 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

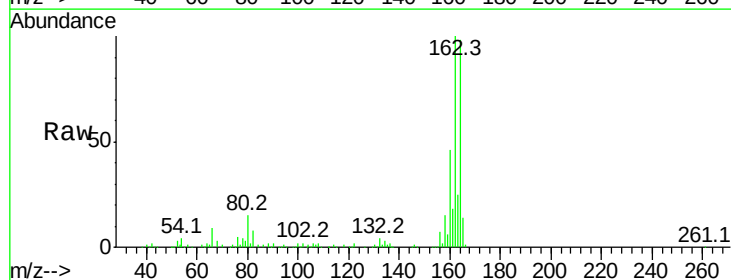
Tgt Ion:164 Resp: 141944

Ion Ratio Lower Upper

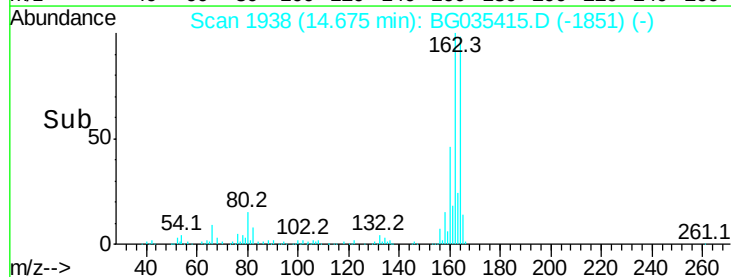
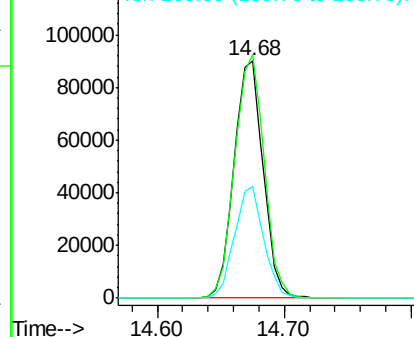
164 100

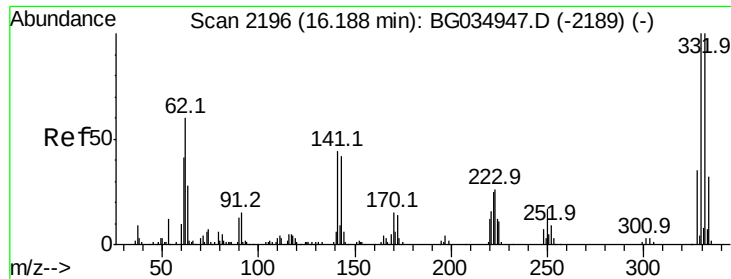
162 102.4 78.8 118.2

160 47.0 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: 133.776 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(95-97)

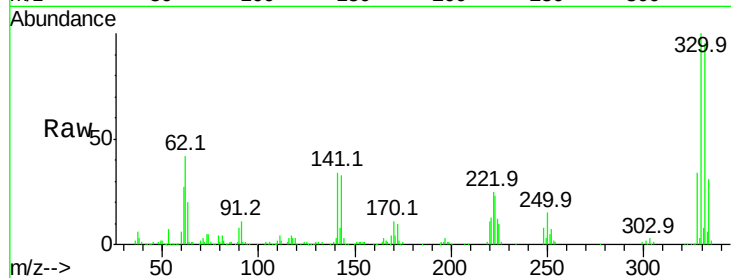
Tot Ion:330 Resp: 243080

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

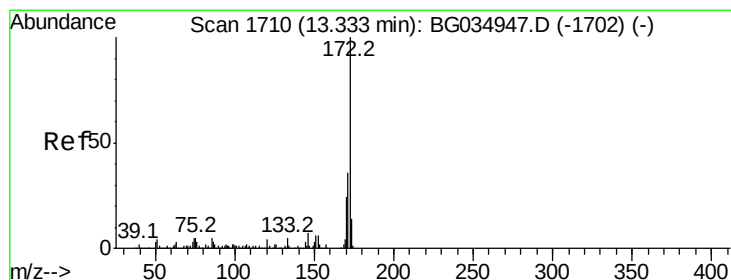
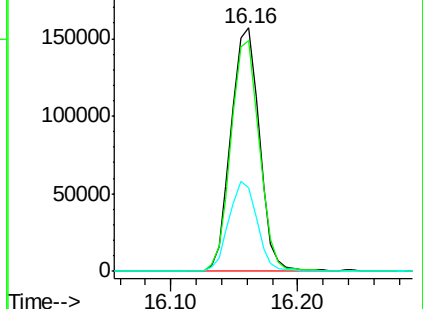
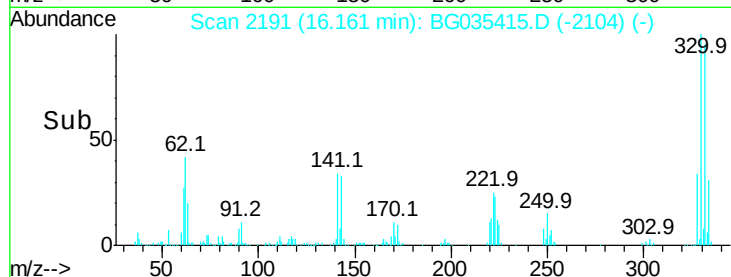
141 36.7 25.2 37.8



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: 69.862 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.03 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

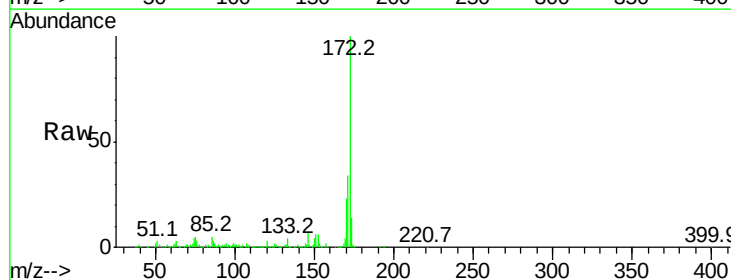
Tgt Ion:172 Resp: 762813

Ion Ratio Lower Upper

172 100

171 34.2 30.0 45.0

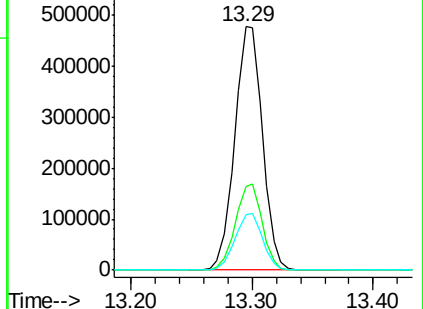
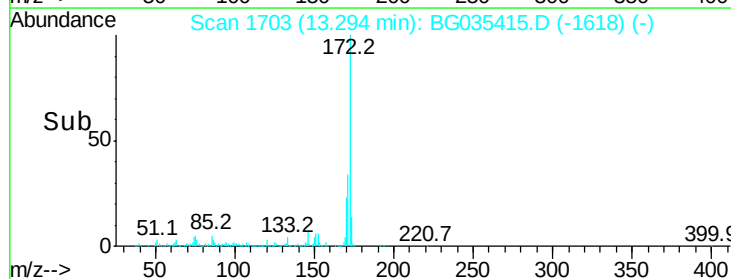
170 22.7 19.5 29.3

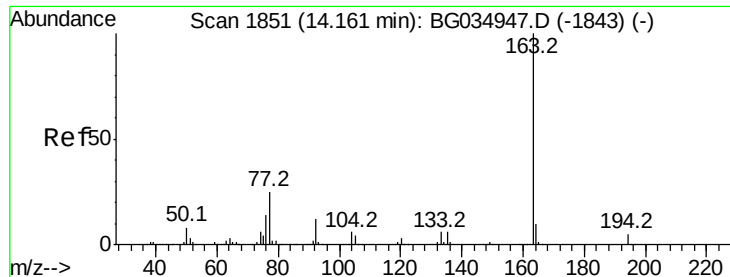


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.965 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(95-97)

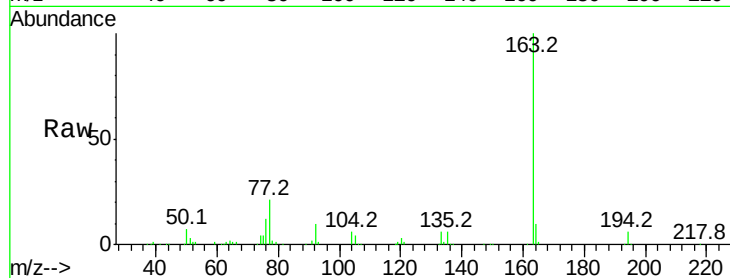
Tot Ion:163 Resp: 160483

Ion Ratio Lower Upper

163 100

194 6.1 3.4 5.2#

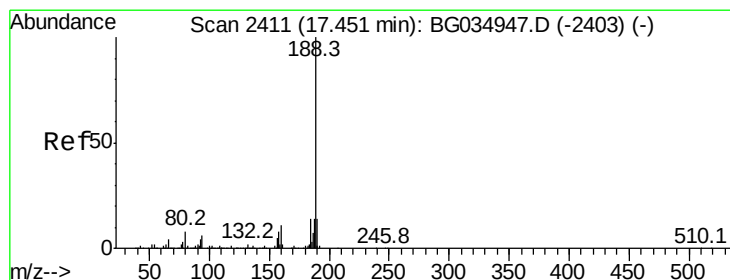
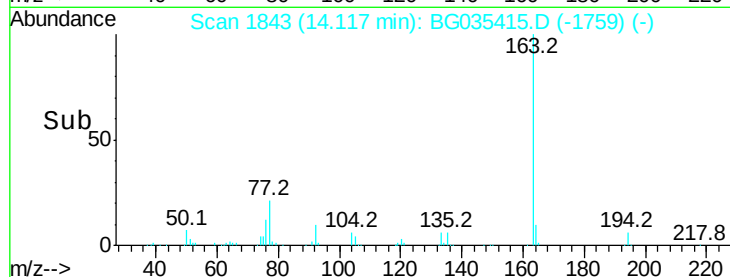
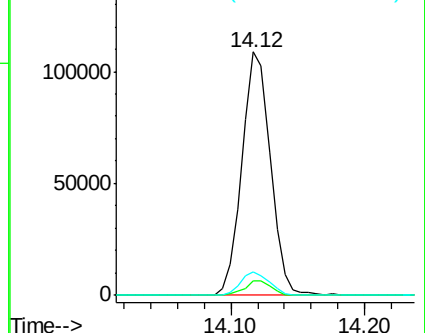
164 9.5 8.2 12.4



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: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

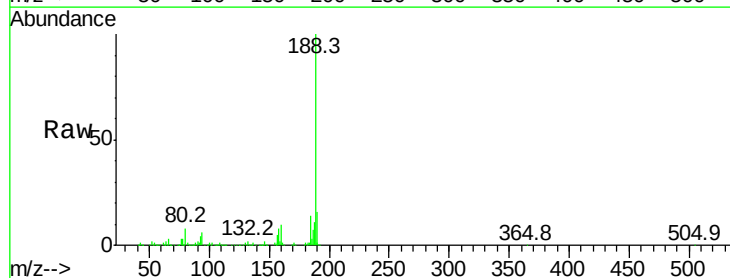
Tgt Ion:188 Resp: 363385

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

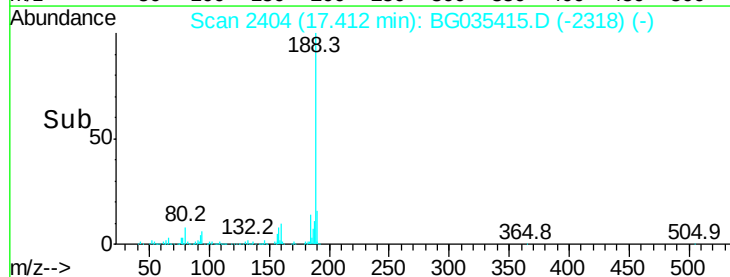
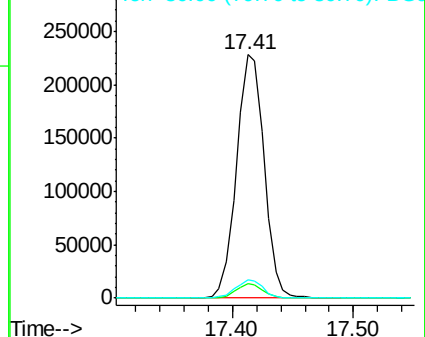
80 7.7 7.7 11.5

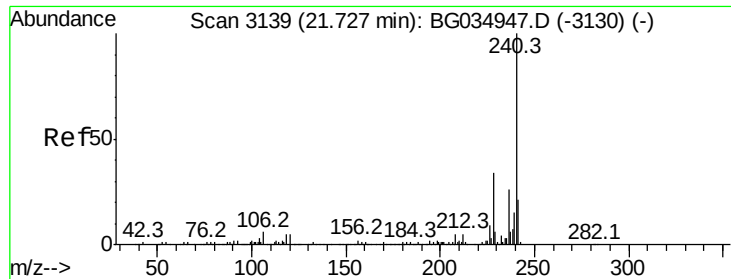


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

Instrument :

BNA_G

ClientSampleId :

EPE-105-4(95-97)

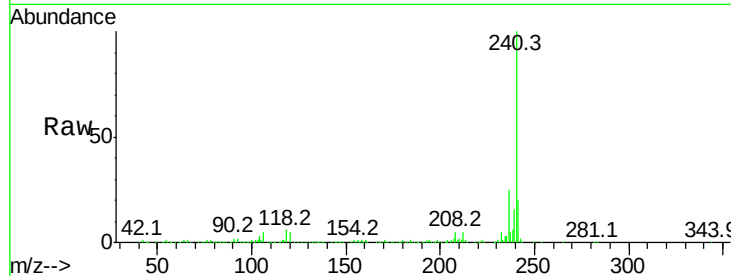
Tot Ion:240 Resp: 391469

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

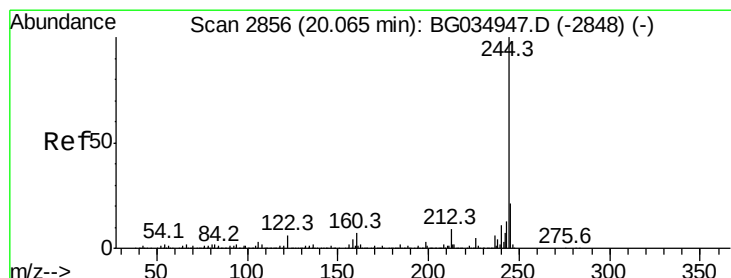
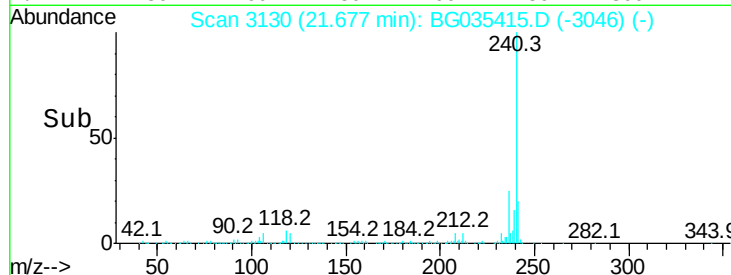
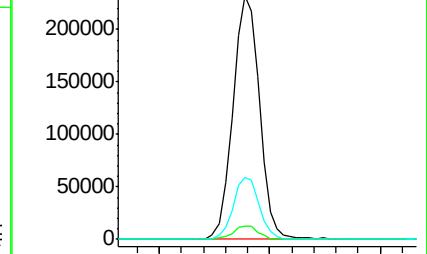
236 25.4 20.9 31.3



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: 68.898 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035415.D

Acq: 26 Jun 2018 18:17

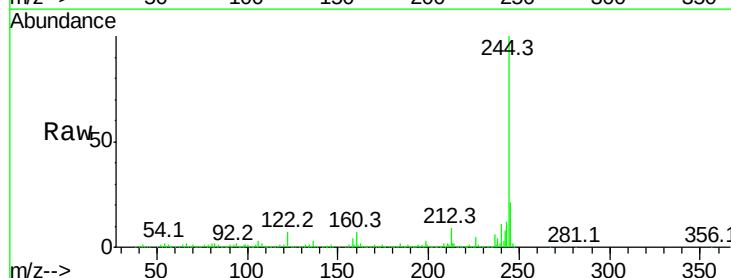
Tgt Ion:244 Resp: 1287616

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

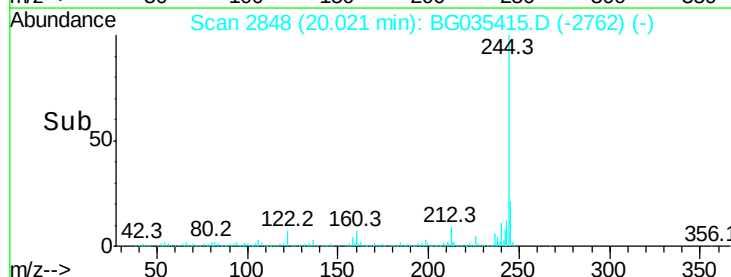
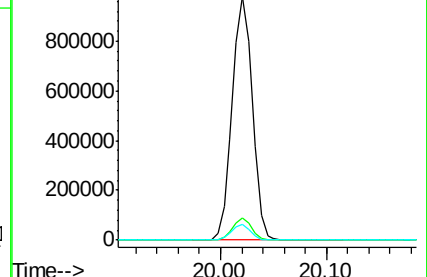
122 6.7 7.0 10.4#

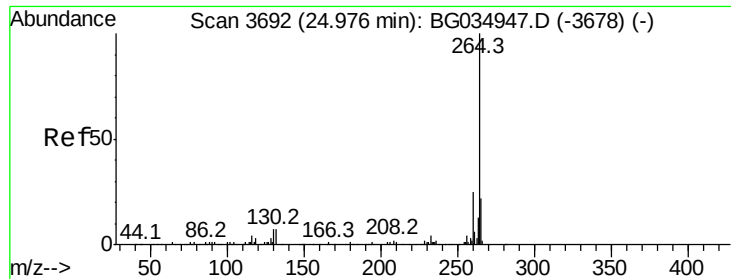


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3678
 Delta R.T. -0.06 min
 Lab File: BG035415.D
 Acq: 26 Jun 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(95-97)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.4	26.0
265	22.8	17.7	26.5

