

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035891.D
 Acq On : 26 Jul 2018 2:17
 Operator : JU/SJ
 Sample : J4140-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(85-87)

Quant Time: Jul 26 04:38:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

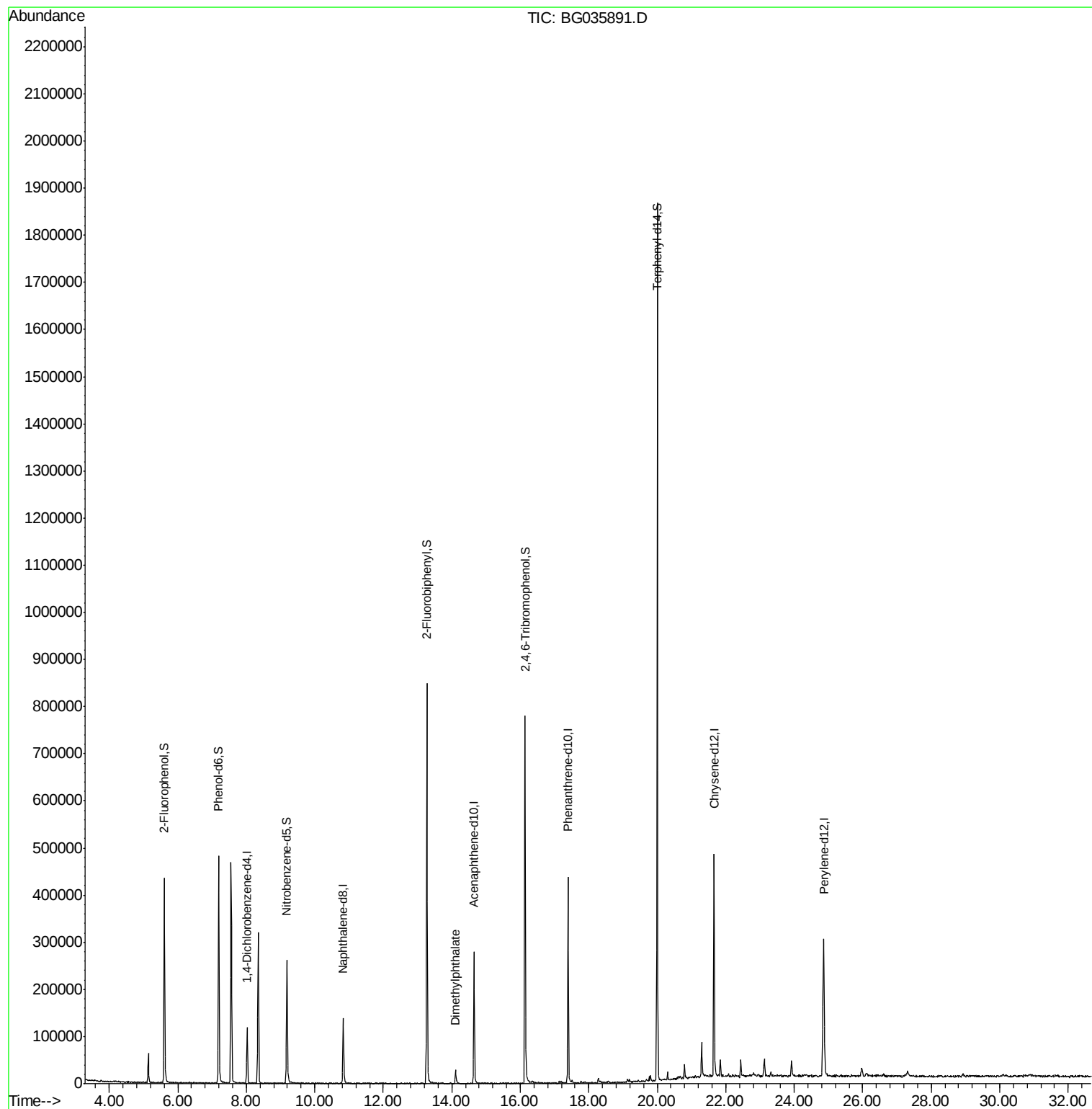
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34267	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	128797	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103524	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	302145	20.00	ng	0.00
75) Chrysene-d12	21.66	240	313151	20.00	ng	0.00
86) Perylene-d12	24.86	264	299829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	205961	99.79	ng	0.00
7) Phenol-d6	7.19	99	308050	100.03	ng	0.00
23) Nitrobenzene-d5	9.19	82	195777	63.50	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	156888	114.98	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	482768	62.48	ng	0.00
78) Terphenyl-d14	20.00	244	884158	62.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	27754	3.060	ng	Qvalue # 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(85-87)

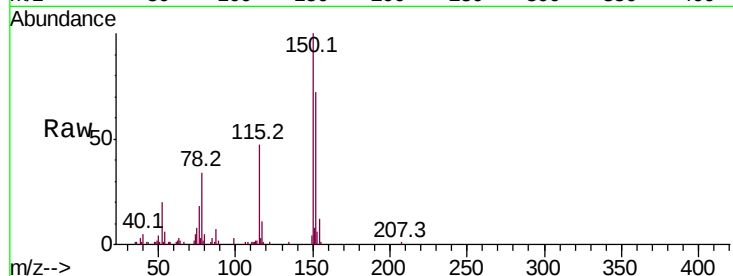
Tot Ion:152 Resp: 34267

Ion Ratio Lower Upper

152 100

150 139.8 126.6 189.8

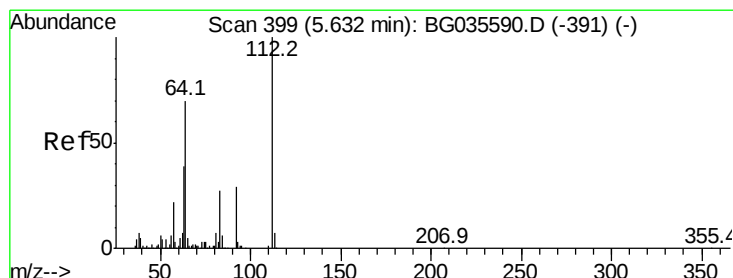
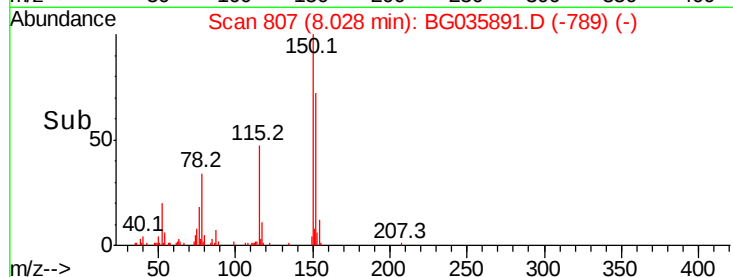
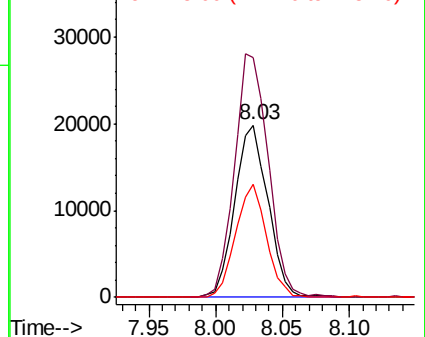
115 65.6 53.0 79.4



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: 99.788 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

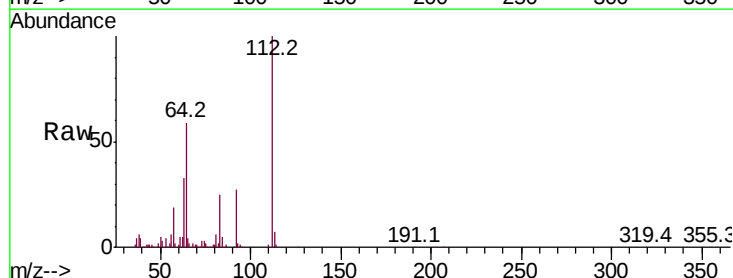
Tgt Ion:112 Resp: 205961

Ion Ratio Lower Upper

112 100

64 59.2 56.3 84.5

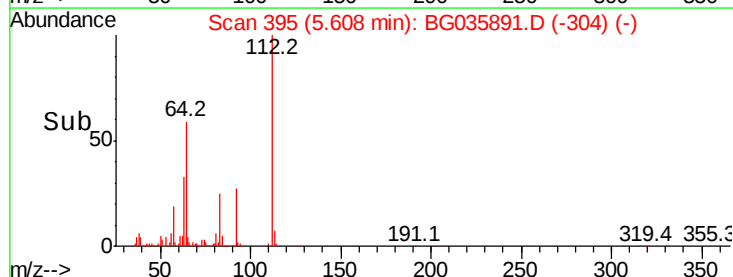
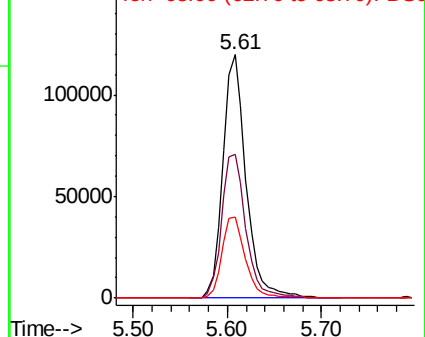
63 33.0 30.1 45.1

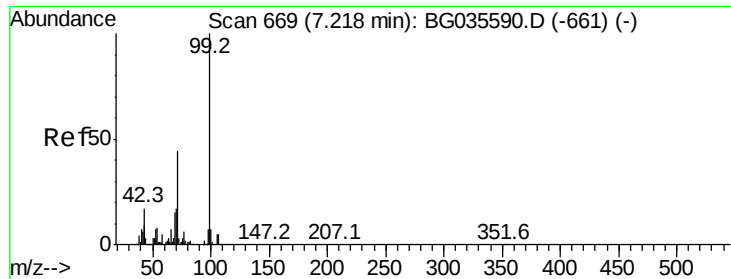


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 100.034 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(85-87)

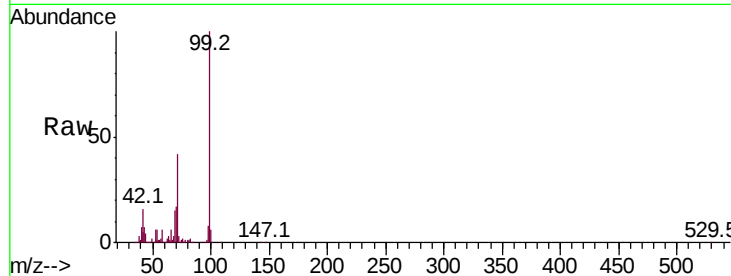
Tot Ion: 99 Resp: 308050

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

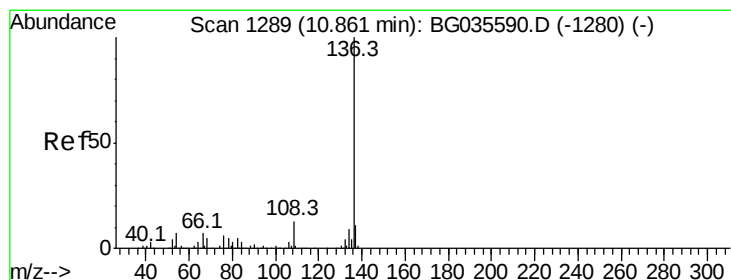
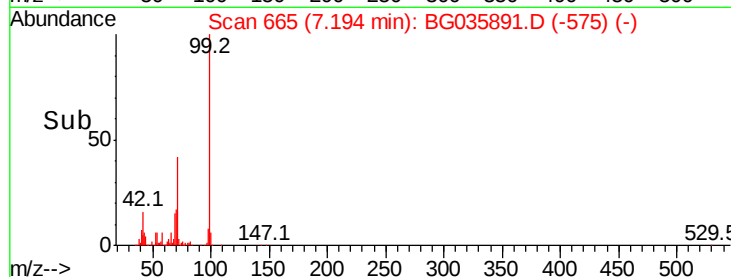
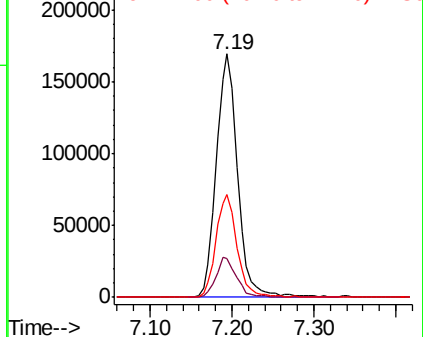
71 42.4 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

Tgt Ion: 136 Resp: 128797

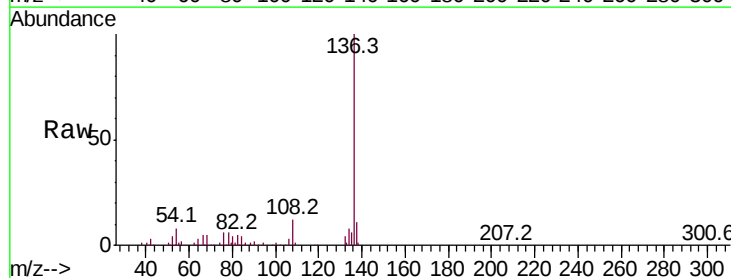
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.0 10.3 15.5#

68 5.3 4.5 6.7

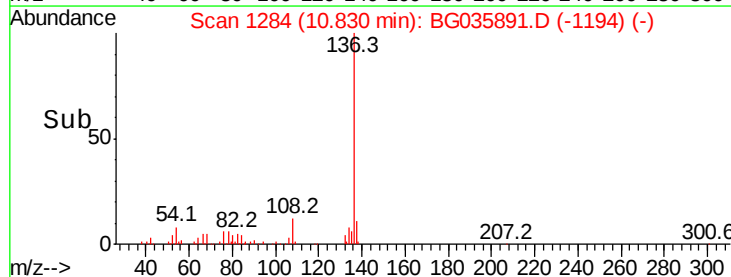
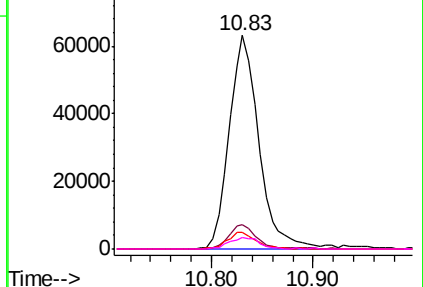


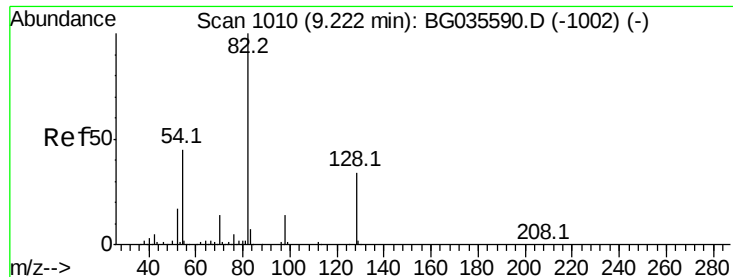
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 63.499 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(85-87)

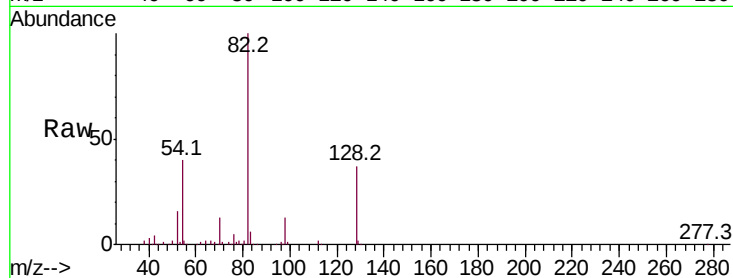
Tot Ion: 82 Resp: 195777

Ion Ratio Lower Upper

82 100

128 37.3 29.7 44.5

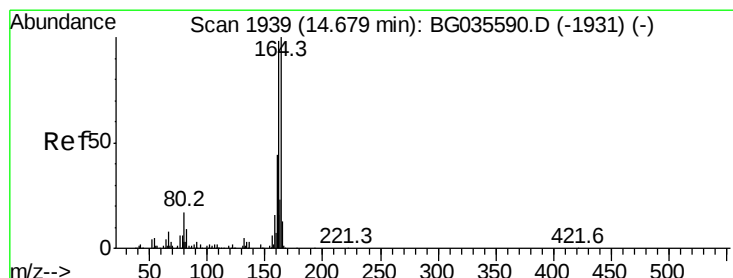
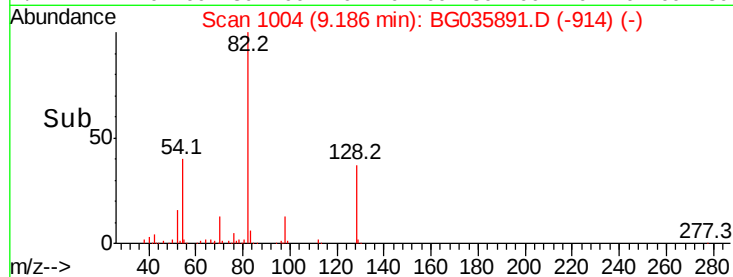
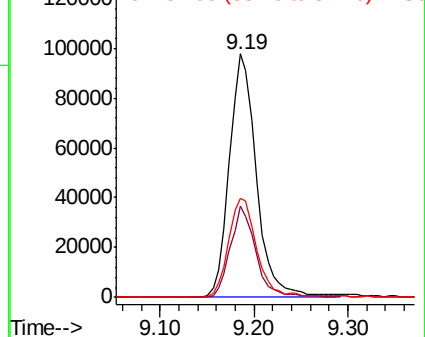
54 40.5 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

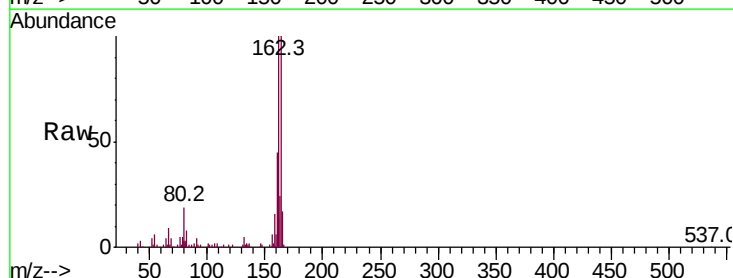
Tgt Ion:164 Resp: 103524

Ion Ratio Lower Upper

164 100

162 100.5 78.8 118.2

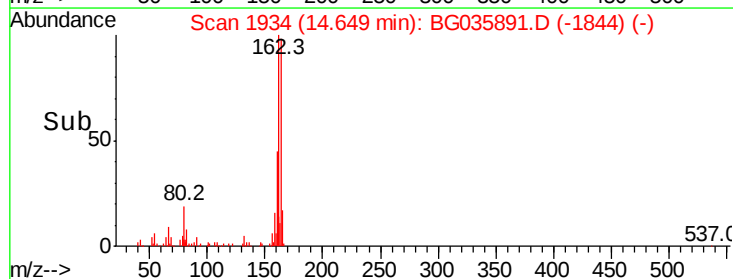
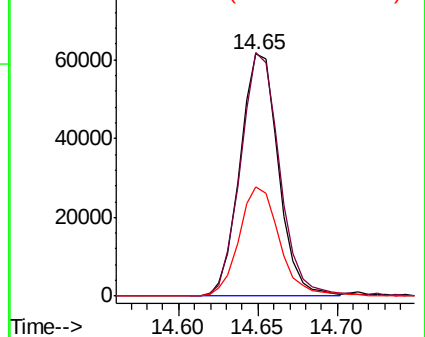
160 45.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

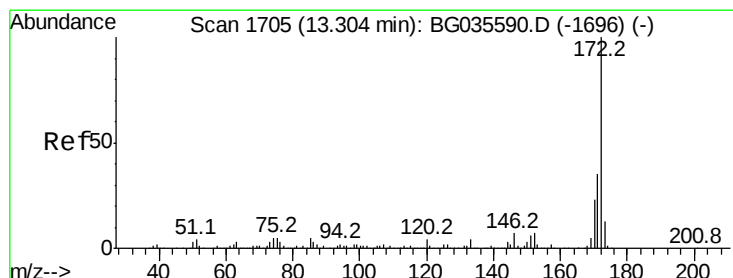
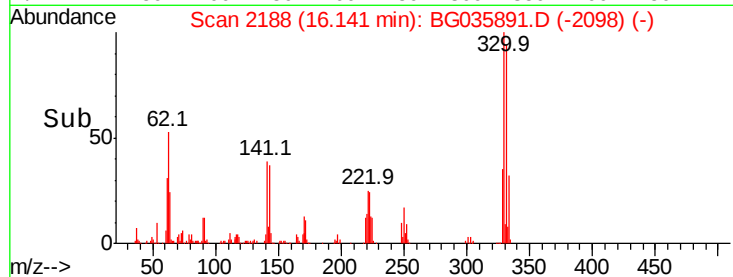
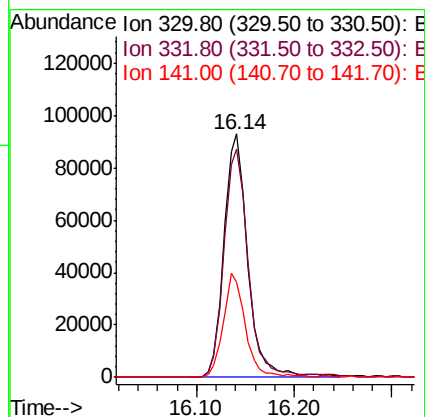
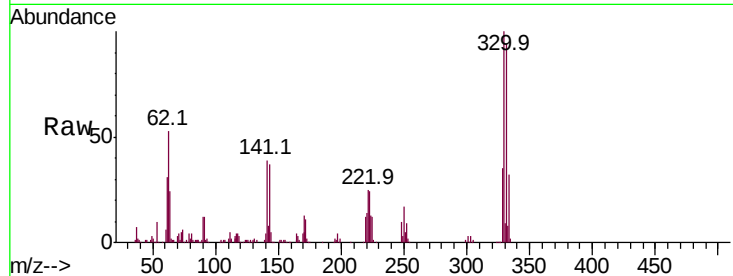




#41
 2,4,6-Tribromophenol
 Concen: 114.977 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035891.D
 Acq: 26 Jul 2018 2:17

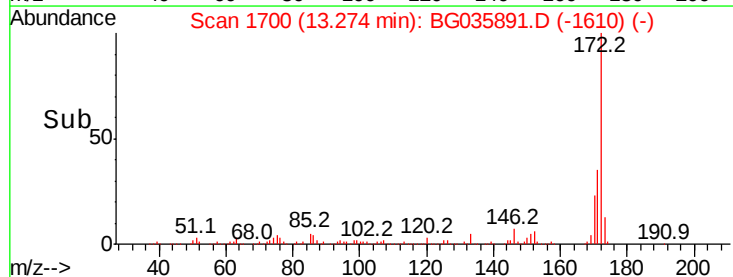
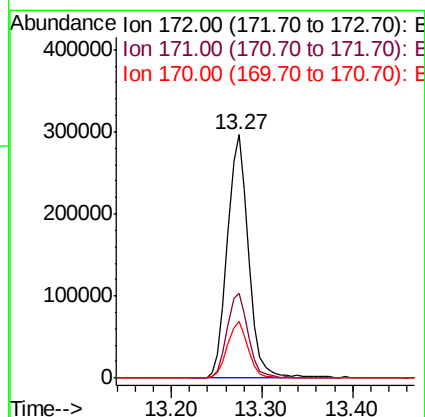
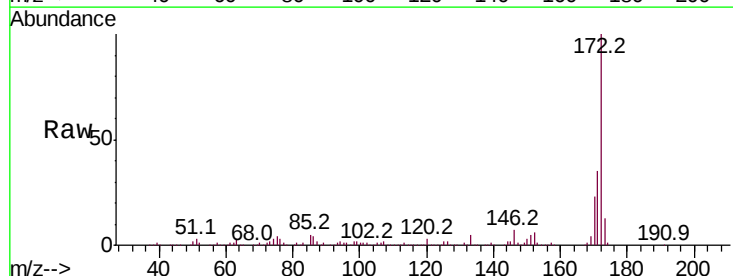
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(85-87)

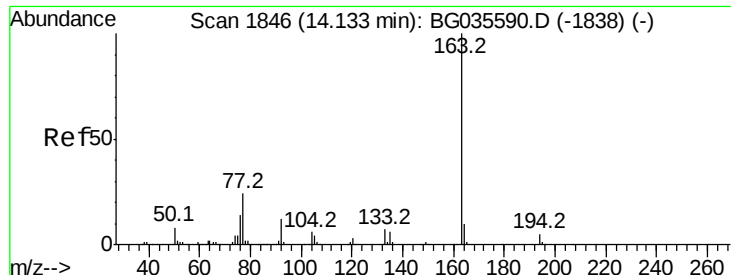
Tot Ion:330 Resp: 156888
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 39.7 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 62.477 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035891.D
 Acq: 26 Jul 2018 2:17

Tgt Ion:172 Resp: 482768
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 23.4 19.5 29.3





#49

Dimethylphthalate

Concen: 3.060 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(85-87)

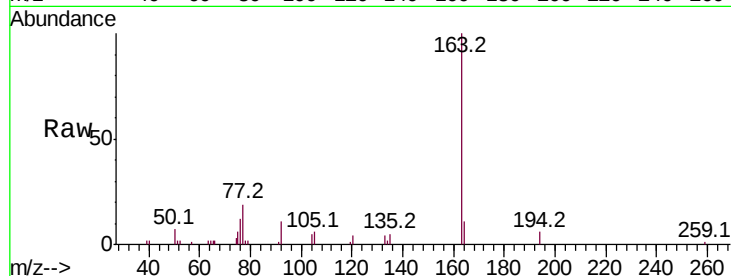
Tot Ion:163 Resp: 27754

Ion Ratio Lower Upper

163 100

194 5.8 3.4 5.2#

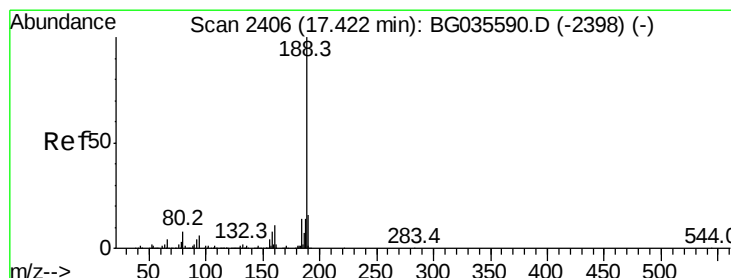
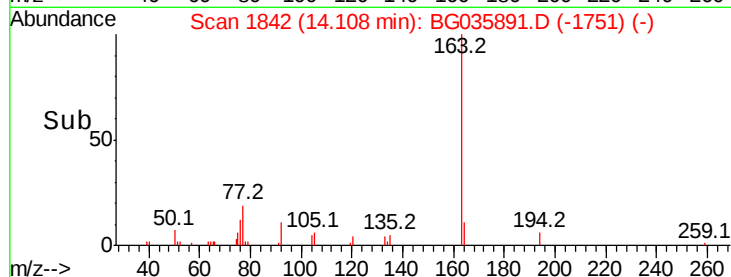
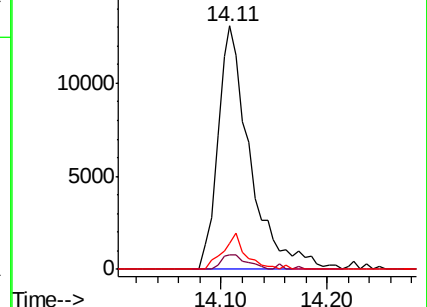
164 10.9 8.2 12.4



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: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

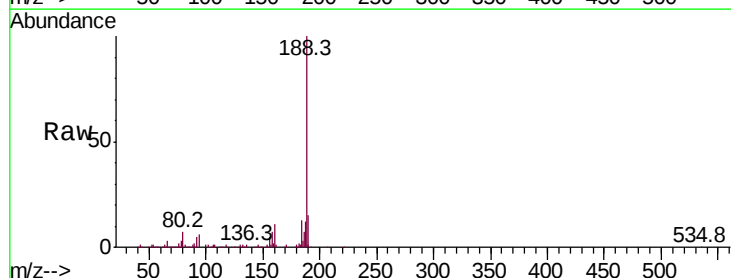
Tgt Ion:188 Resp: 302145

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

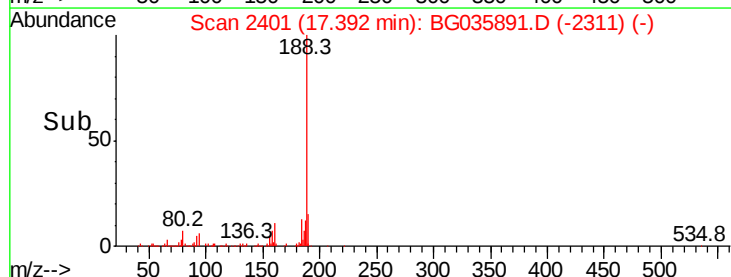
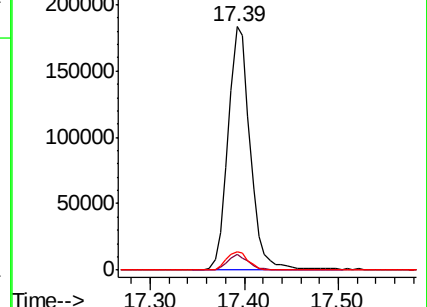
80 7.3 7.7 11.5#

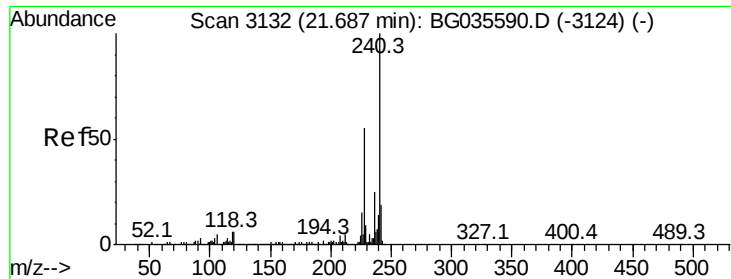


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(85-87)

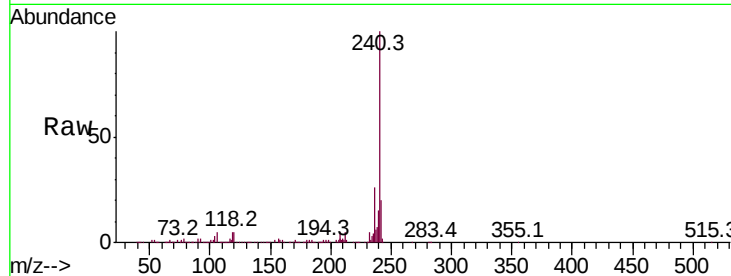
Tot Ion:240 Resp: 313151

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

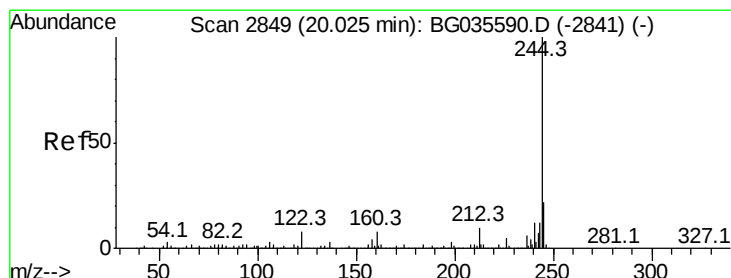
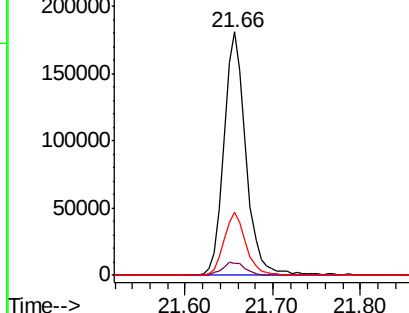
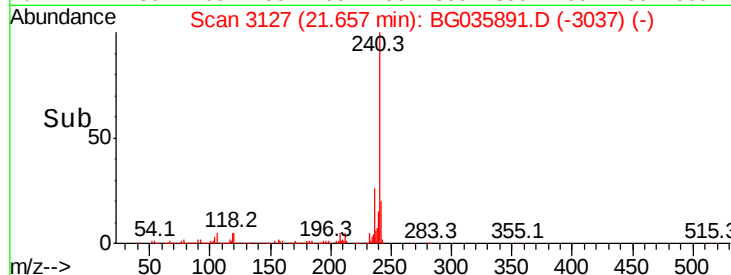
236 25.9 20.9 31.3



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: 62.237 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035891.D

Acq: 26 Jul 2018 2:17

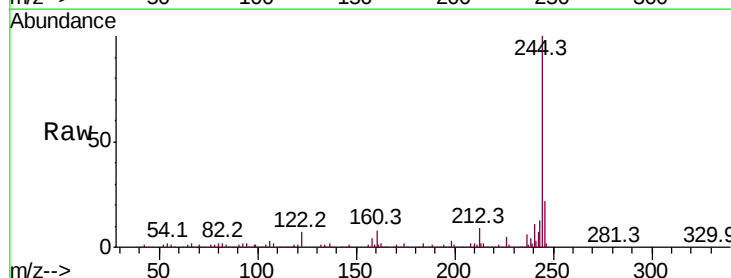
Tgt Ion:244 Resp: 884158

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

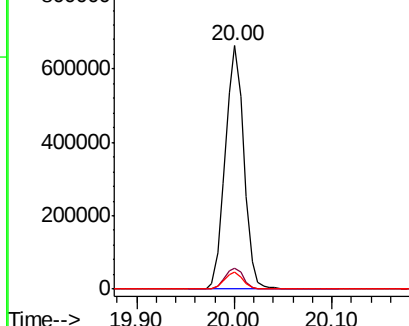
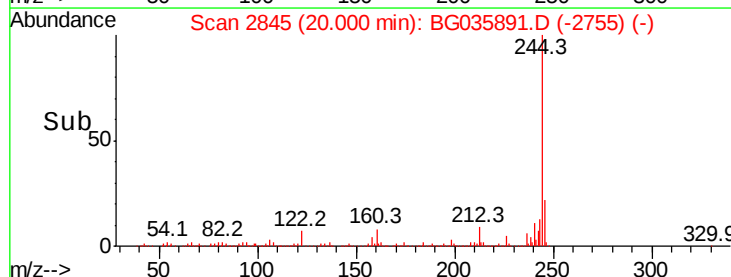
122 6.8 7.0 10.4#

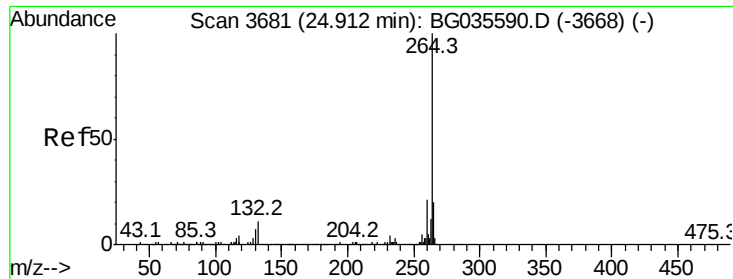


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

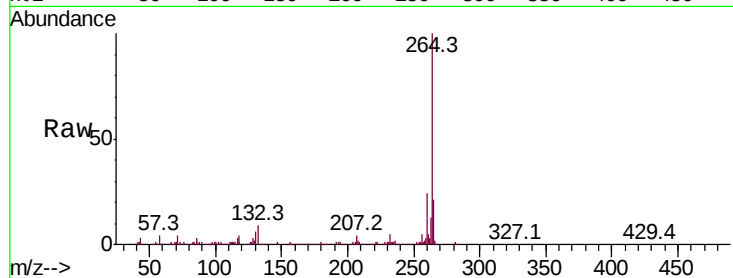




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: BG035891.D
 Acq: 26 Jul 2018 2:17

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(85-87)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

