

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031679.D
 Acq On : 21 Dec 2017 18:44
 Operator : SJ/JU
 Sample : I6961-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(15-17)

Quant Time: Dec 22 03:47:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

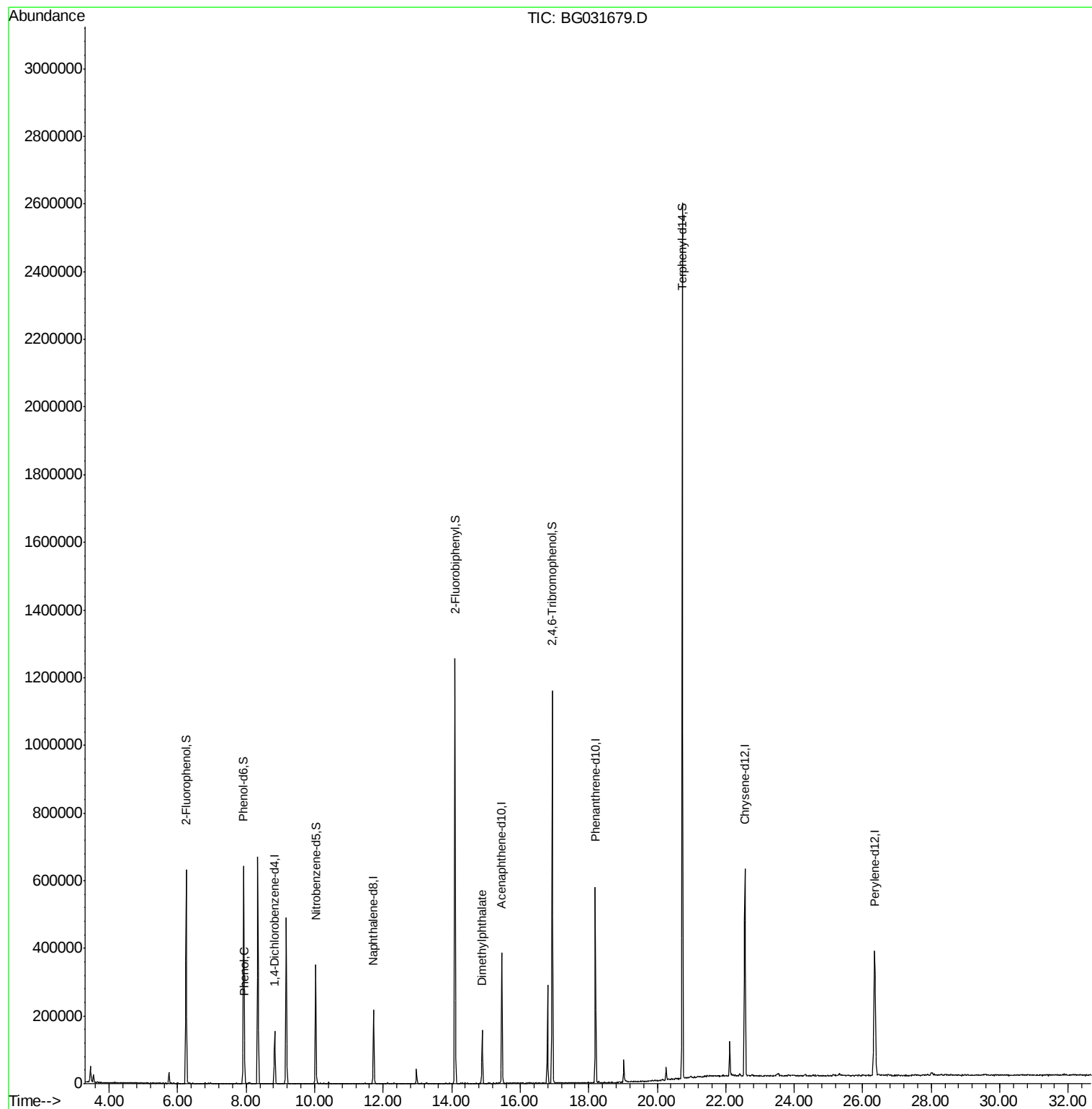
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	50902	20.00	ng	0.00
21) Naphthalene-d8	11.72	136	216333	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	152480	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	395818	20.00	ng	0.00
75) Chrysene-d12	22.56	240	481020	20.00	ng	0.00
86) Perylene-d12	26.35	264	506125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	349387	125.02	ng	0.00
7) Phenol-d6	7.93	99	449544	123.90	ng	0.00
23) Nitrobenzene-d5	10.03	82	221250	77.23	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	279608	120.18	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	754064	62.07	ng	0.00
78) Terphenyl-d14	20.73	244	1412900	67.11	ng	0.00
Target Compounds						
10) Phenol	7.95	94	17805	4.860	ng	97
49) Dimethylphthalate	14.89	163	124976	9.304	ng	99

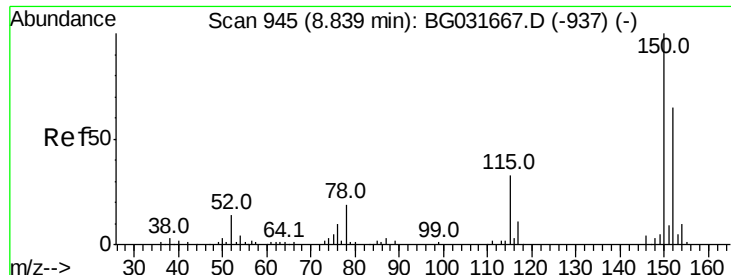
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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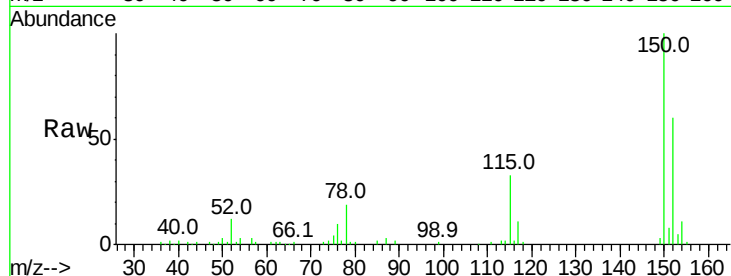


#1

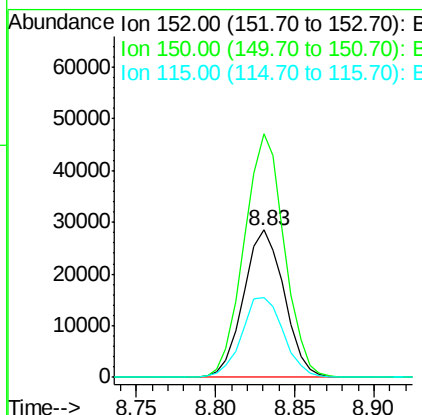
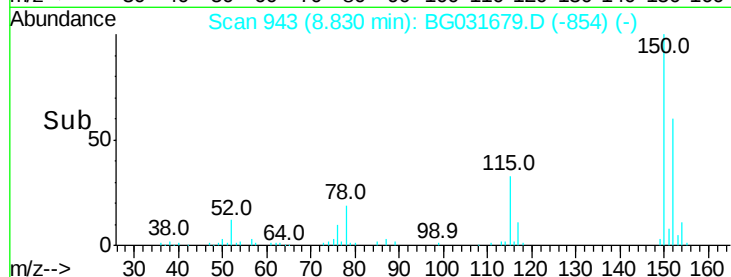
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BG031679.D
 Acq: 21 Dec 2017 18:44

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(15-17)

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	126.6	189.8
115	54.3	53.0	79.4



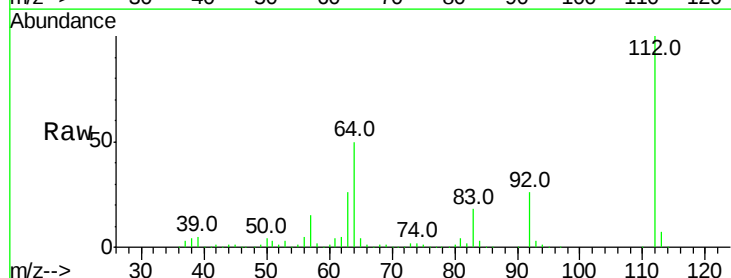
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



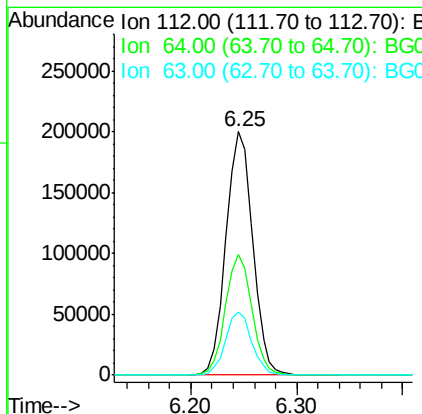
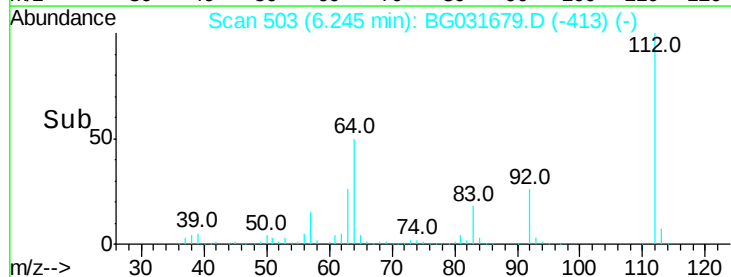
#5

2-Fluorophenol
 Concen: 125.018 ng
 RT: 6.25 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BG031679.D
 Acq: 21 Dec 2017 18:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	56.3	84.5#
63	25.7	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: 123.895 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(15-17)

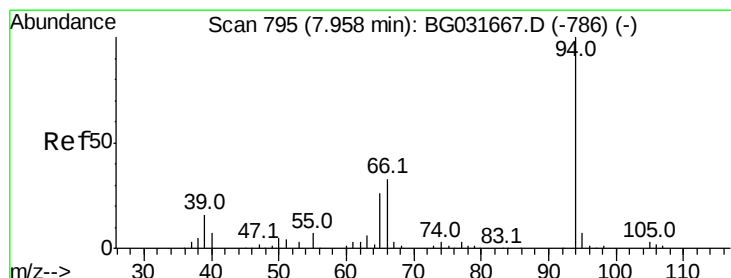
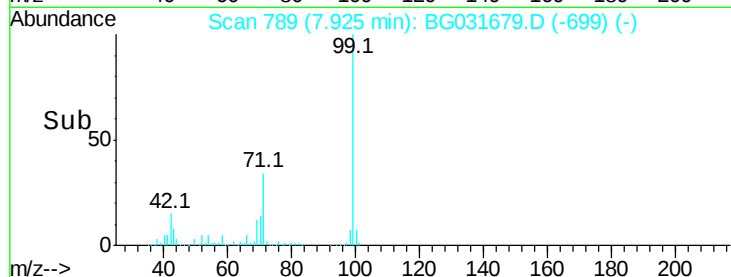
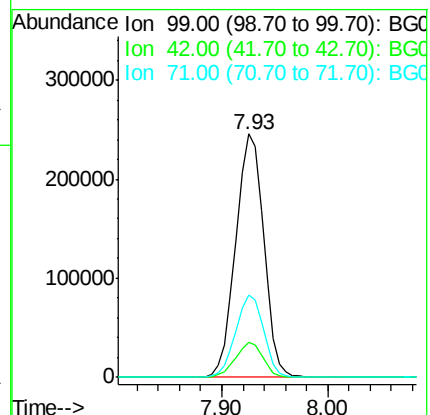
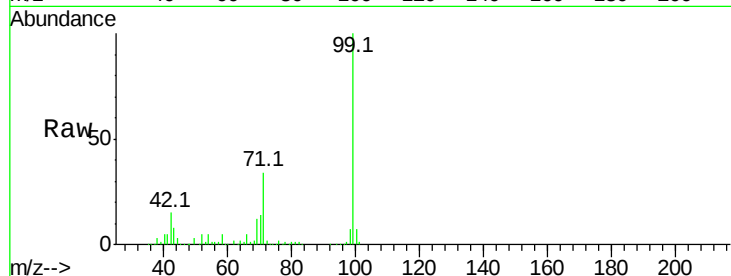
Tot Ion: 99 Resp: 449544

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

71 33.7 26.1 39.1



#10

Phenol

Concen: 4.860 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

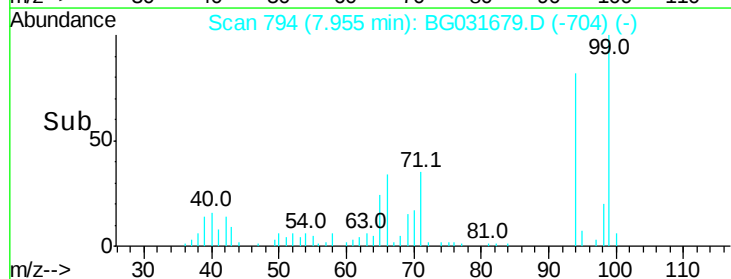
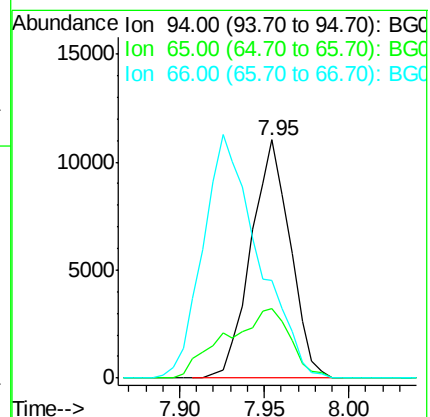
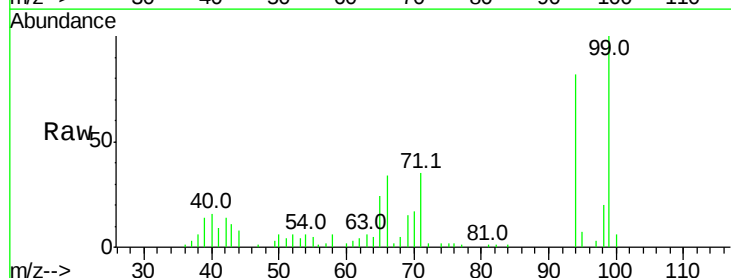
Tgt Ion: 94 Resp: 17805

Ion Ratio Lower Upper

94 100

65 29.2 11.9 51.9

66 41.1 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.72 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(15-17)

Tot Ion:136 Resp: 216333

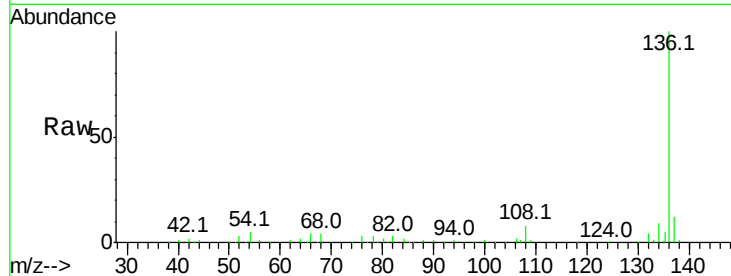
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.3 10.3 15.5#

68 4.1 4.5 6.7#

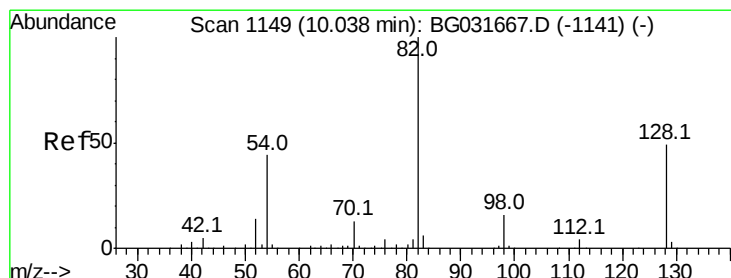
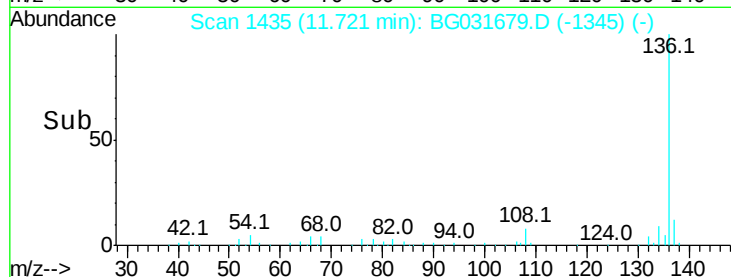
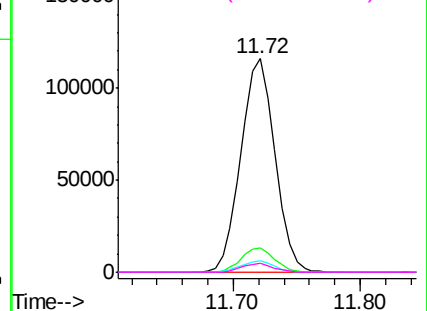


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 77.228 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

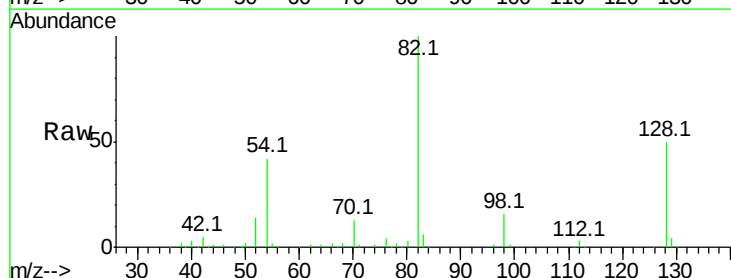
Tgt Ion: 82 Resp: 221250

Ion Ratio Lower Upper

82 100

128 50.0 29.7 44.5#

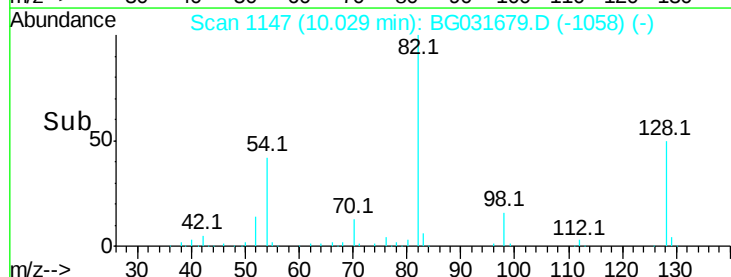
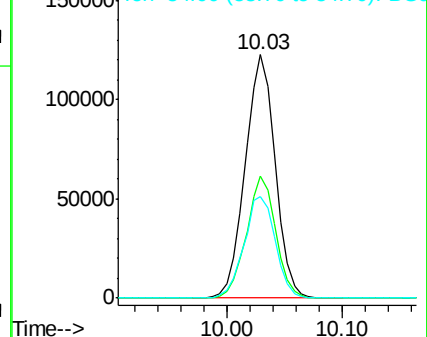
54 41.8 43.1 64.7#

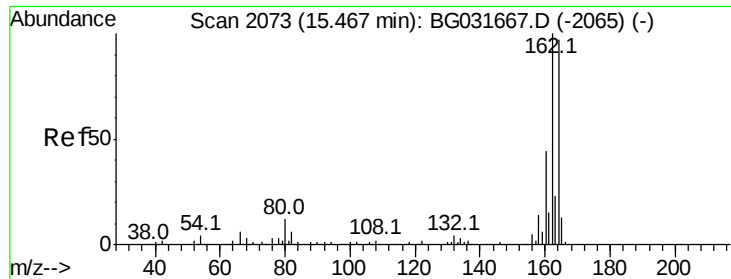


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(15-17)

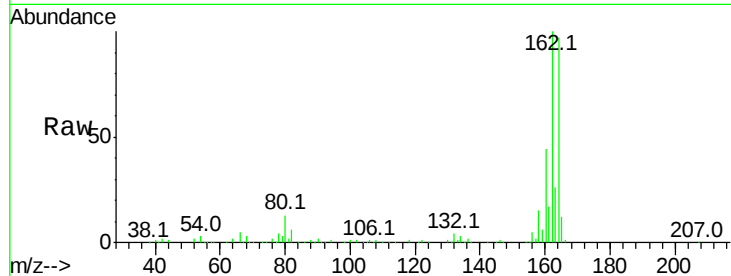
Tot Ion:164 Resp: 152480

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

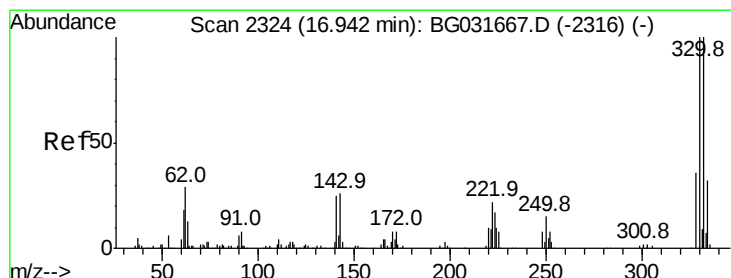
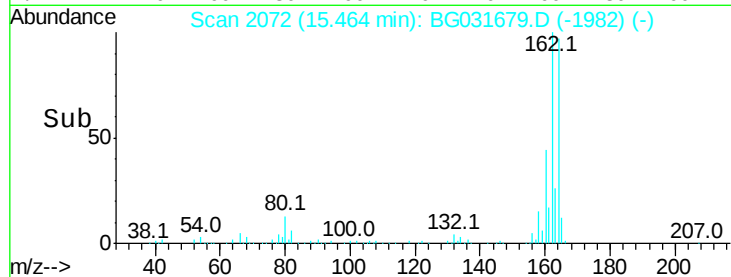
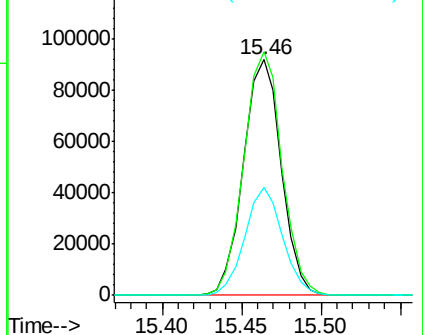
160 45.8 35.4 53.0



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: 120.177 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

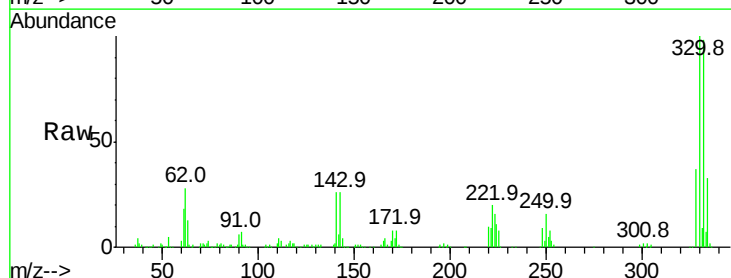
Tgt Ion:330 Resp: 279608

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

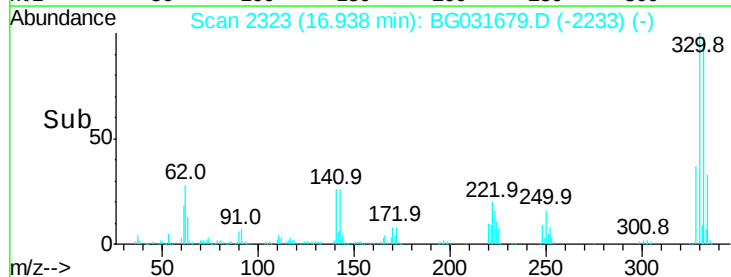
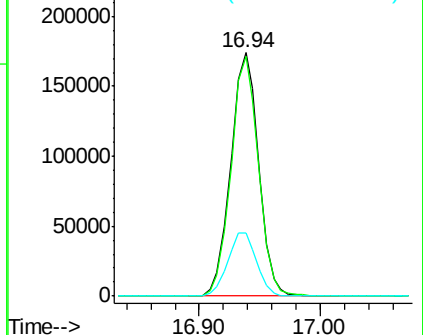
141 26.8 25.2 37.8



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

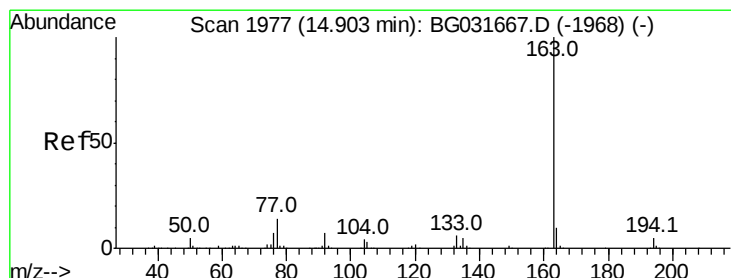
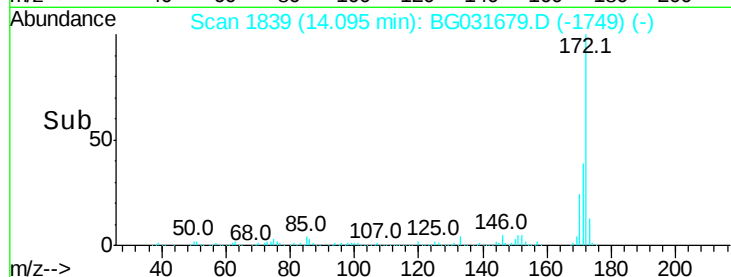
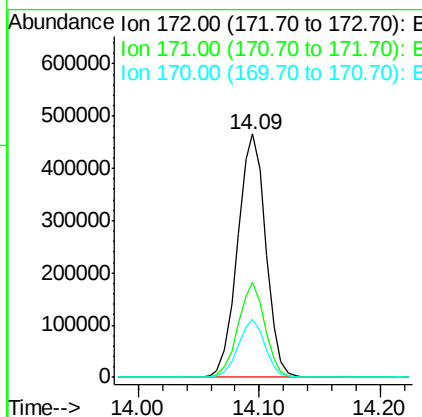
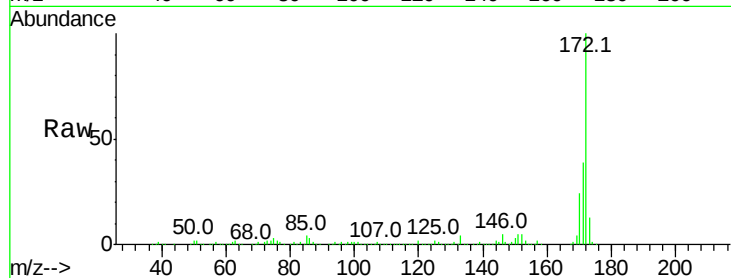




#44
2-Fluorobiphenyl
Concen: 62.071 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

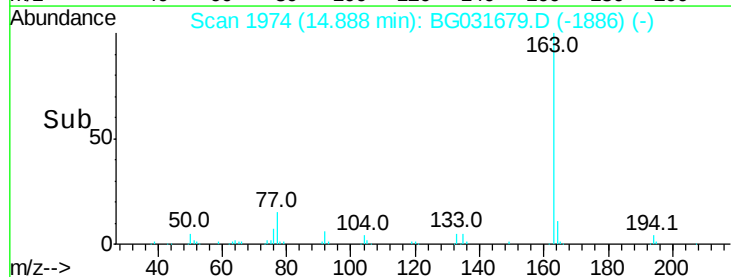
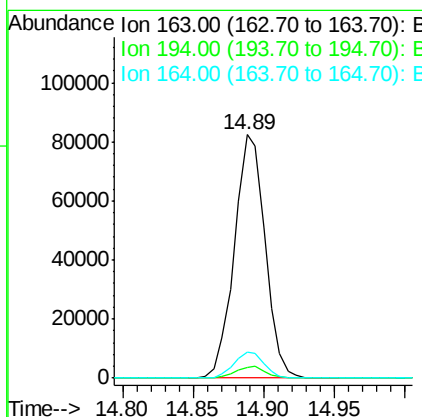
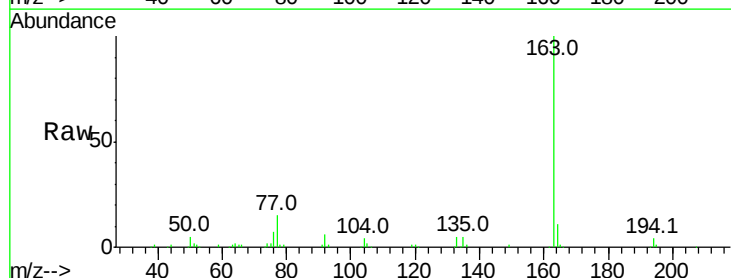
Instrument :
BNA_G
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EPE-108-1(15-17)

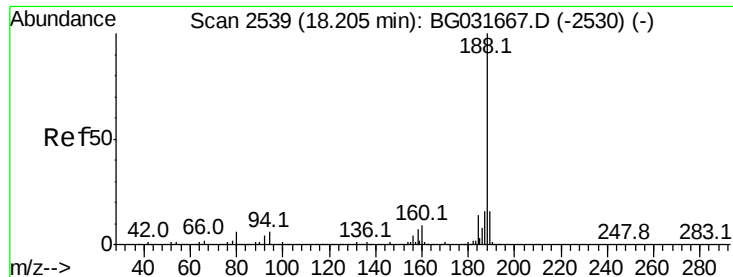
Tot Ion:172 Resp: 754064
Ion Ratio Lower Upper
172 100
171 38.9 30.0 45.0
170 24.0 19.5 29.3



#49
Dimethylphthalate
Concen: 9.304 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Tgt Ion:163 Resp: 124976
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.6 8.2 12.4

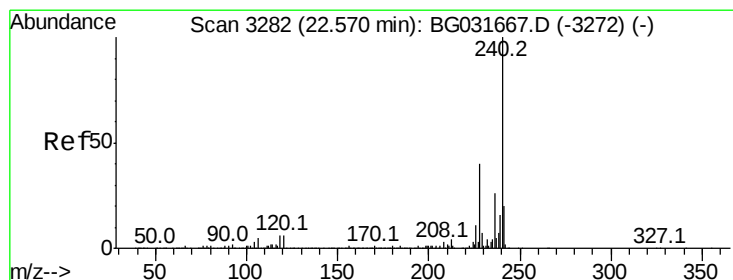
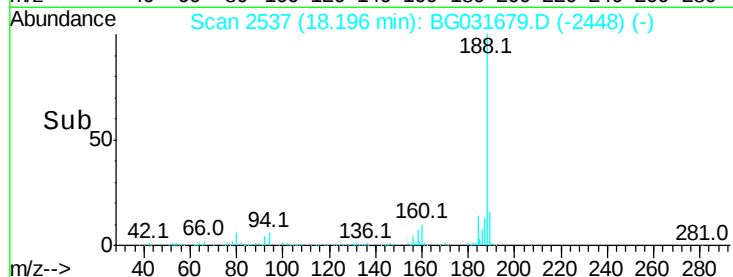
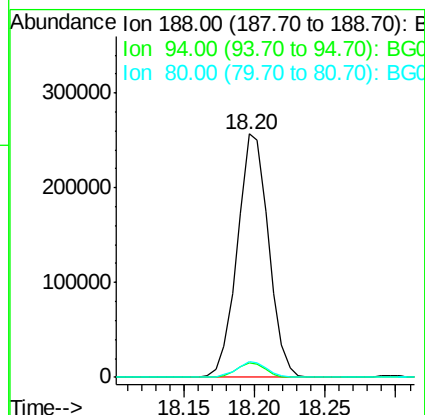
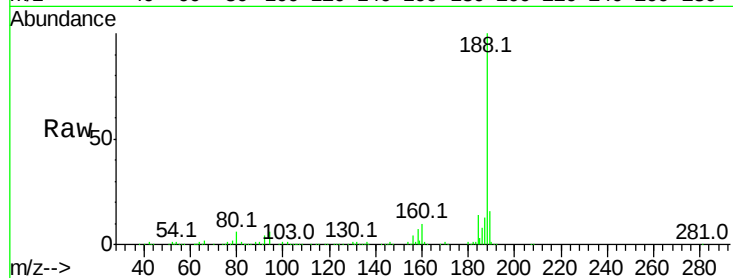




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

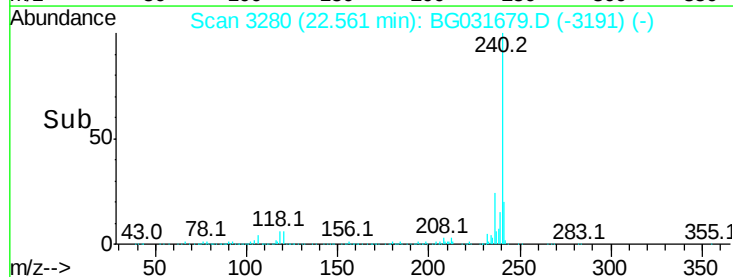
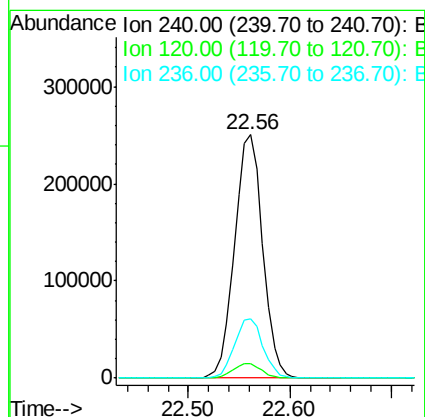
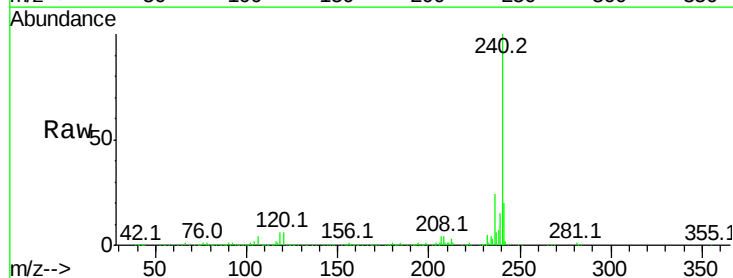
Instrument :
BNA_G
ClientSampleId :
EPE-108-1(15-17)

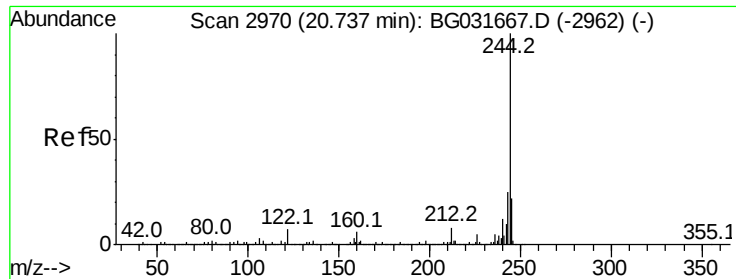
Tot Ion:188 Resp: 395818
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031679.D
Acq: 21 Dec 2017 18:44

Tgt Ion:240 Resp: 481020
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 24.1 20.9 31.3





#78

Terphenyl-d14

Concen: 67.107 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(15-17)

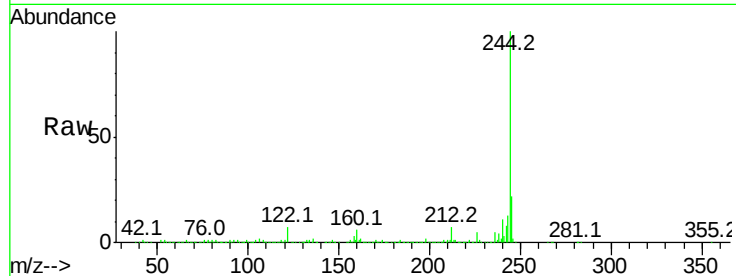
Tot Ion:244 Resp: 1412900

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

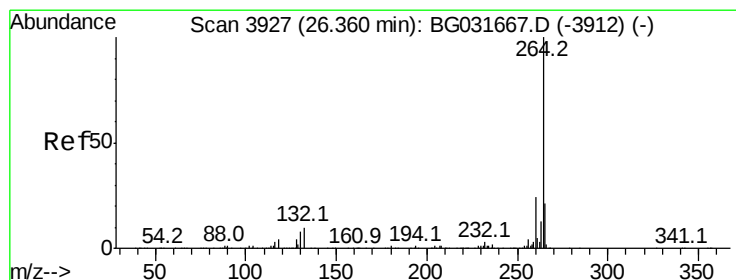
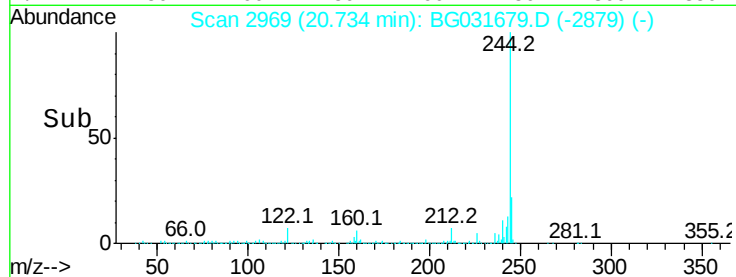
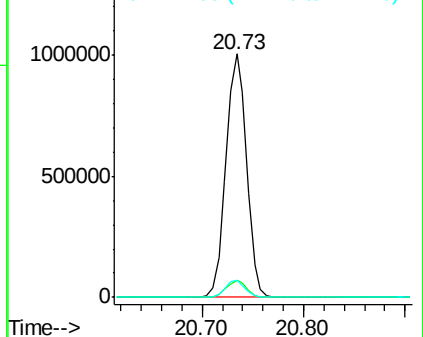
122 6.8 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.35 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG031679.D

Acq: 21 Dec 2017 18:44

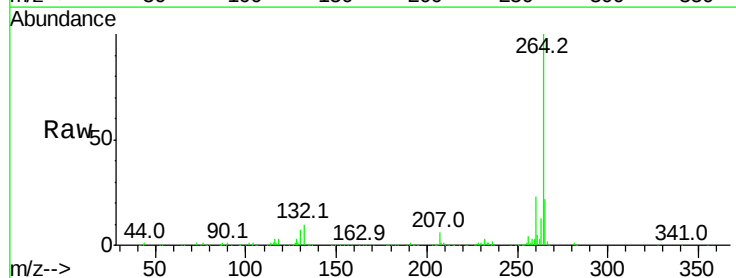
Tgt Ion:264 Resp: 506125

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.9 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

