

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031681.D
 Acq On : 21 Dec 2017 19:59
 Operator : SJ/JU
 Sample : I6961-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-108-1(60-62)

Quant Time: Dec 22 03:53:55 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

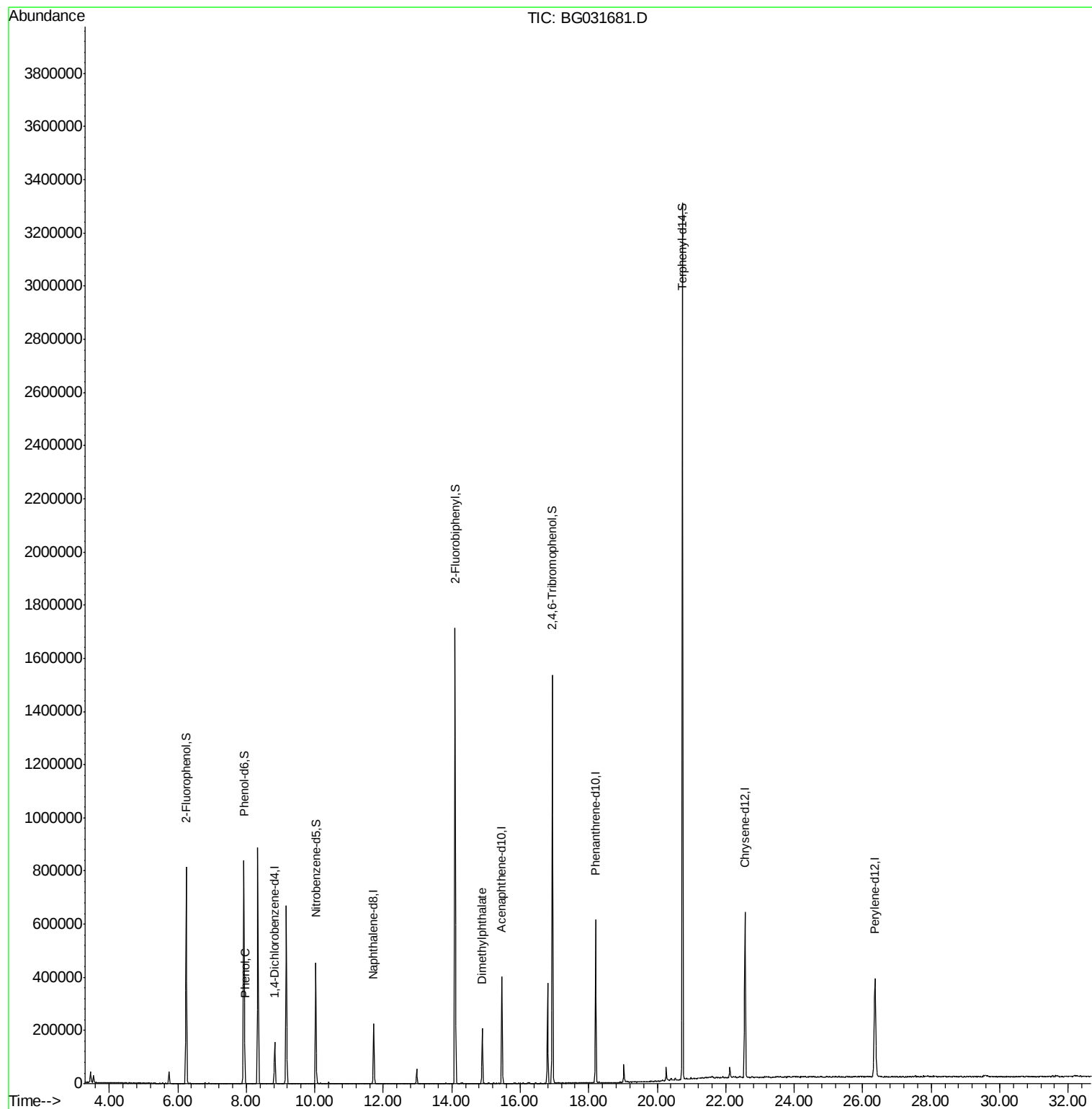
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	54417	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	232877	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	158367	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	416904	20.00	ng	0.00
75) Chrysene-d12	22.57	240	485961	20.00	ng	0.00
86) Perylene-d12	26.36	264	513561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	458365	153.42	ng	0.00
7) Phenol-d6	7.93	99	595343	153.48	ng	0.00
23) Nitrobenzene-d5	10.03	82	293363	95.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	374750	155.08	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	1062940	84.24	ng	0.00
78) Terphenyl-d14	20.74	244	1790852	84.19	ng	0.00
Target Compounds						
10) Phenol	7.96	94	24759	6.322	ng	83
49) Dimethylphthalate	14.89	163	167606	12.013	ng	99

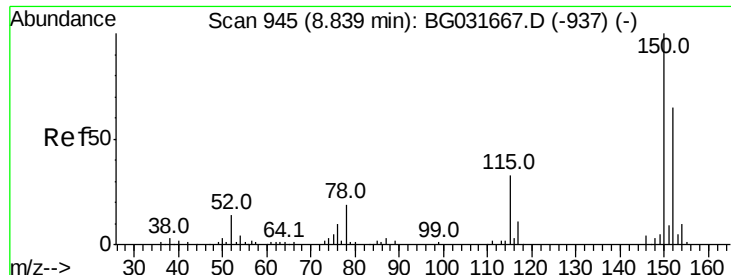
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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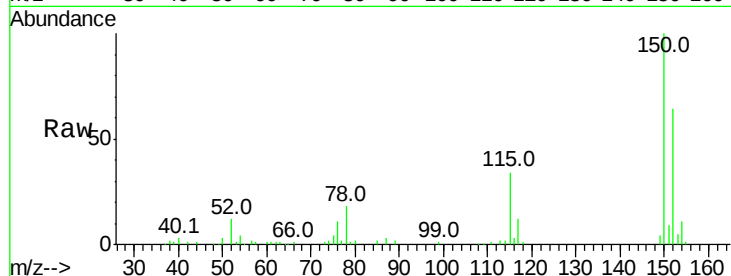


#1

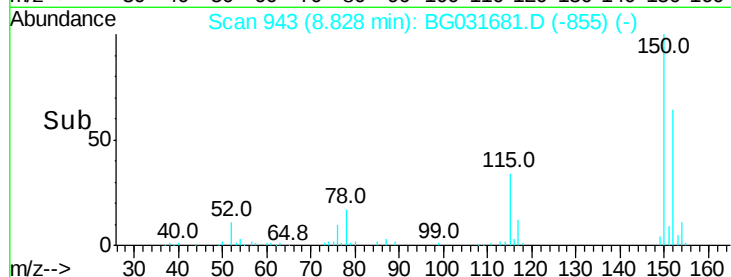
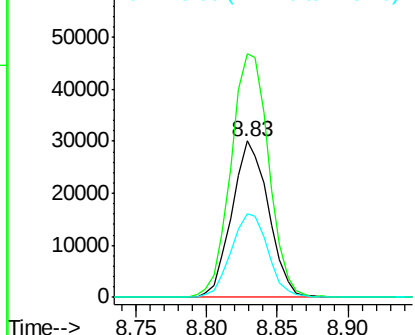
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031681.D
Acq: 21 Dec 2017 19:59

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(60-62)

Tot Ion:152 Resp: 54417
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 53.8 53.0 79.4



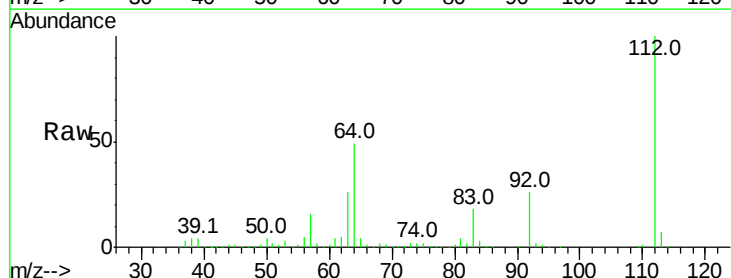
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



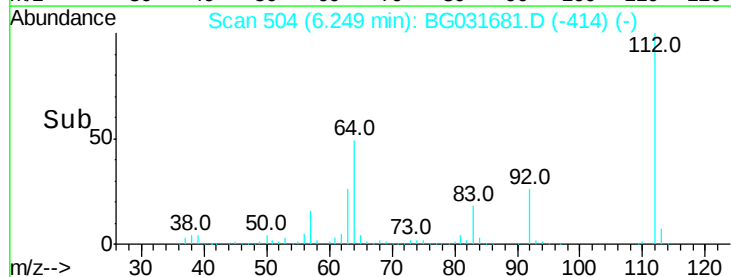
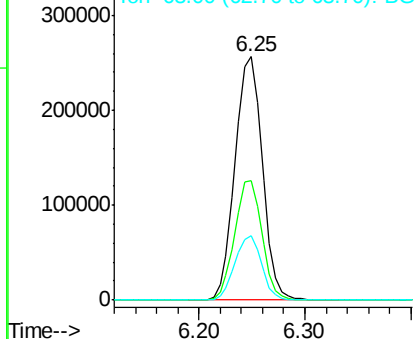
#5

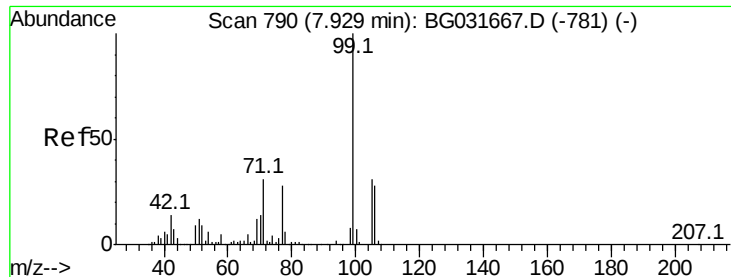
2-Fluorophenol
Concen: 153.419 ng
RT: 6.25 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG031681.D
Acq: 21 Dec 2017 19:59

Tgt Ion:112 Resp: 458365
Ion Ratio Lower Upper
112 100
64 48.8 56.3 84.5#
63 26.4 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: 153.479 ng

RT: 7.93 min Scan# 790

Delta R.T. 0.00 min

Lab File: BG031681.D

Acq: 21 Dec 2017 19:59

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(60-62)

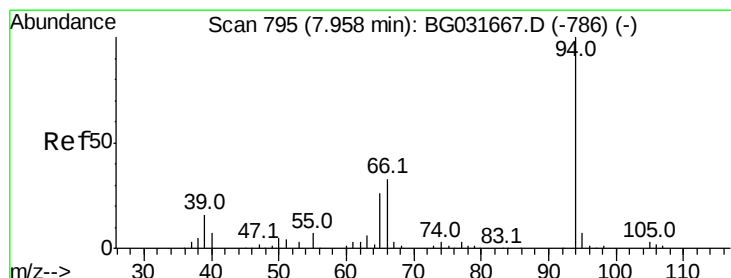
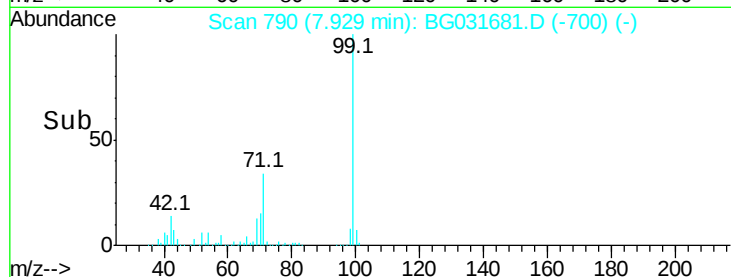
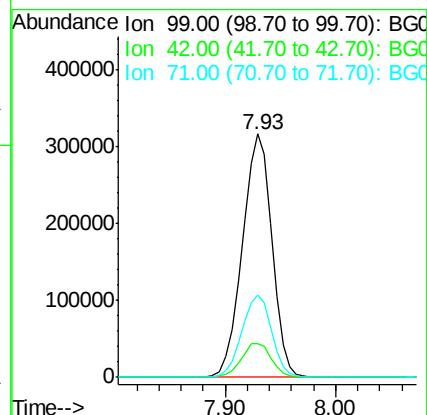
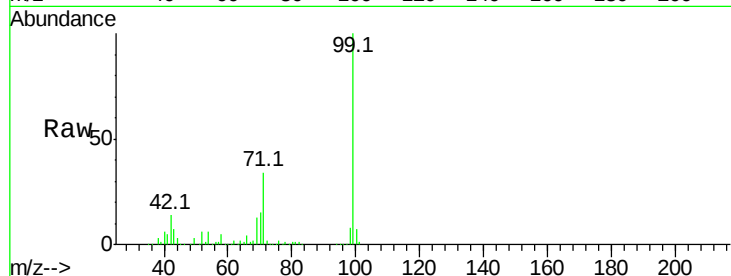
Tot Ion: 99 Resp: 595343

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 34.1 26.1 39.1



#10

Phenol

Concen: 6.322 ng

RT: 7.96 min Scan# 795

Delta R.T. 0.00 min

Lab File: BG031681.D

Acq: 21 Dec 2017 19:59

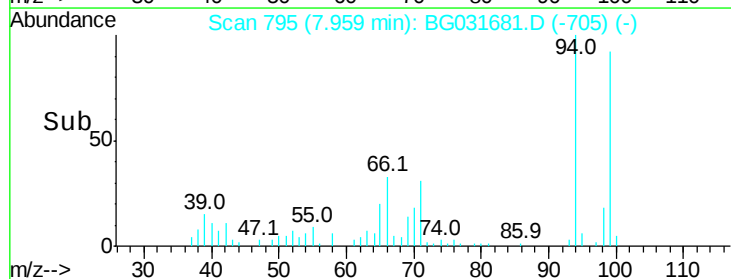
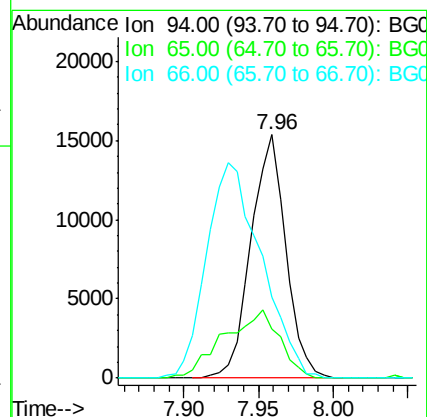
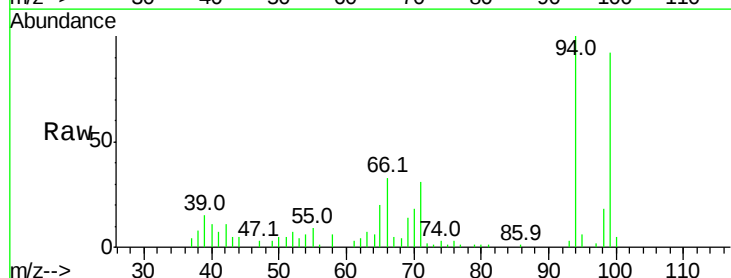
Tgt Ion: 94 Resp: 24759

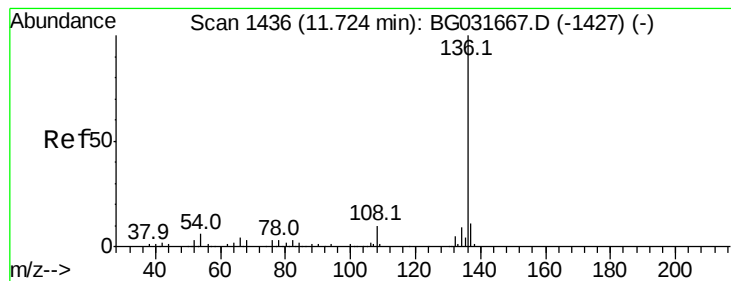
Ion Ratio Lower Upper

94 100

65 20.4 11.9 51.9

66 33.3 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.72 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BG031681.D

Acq: 21 Dec 2017 19:59

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(60-62)

Tot Ion:136 Resp: 232877

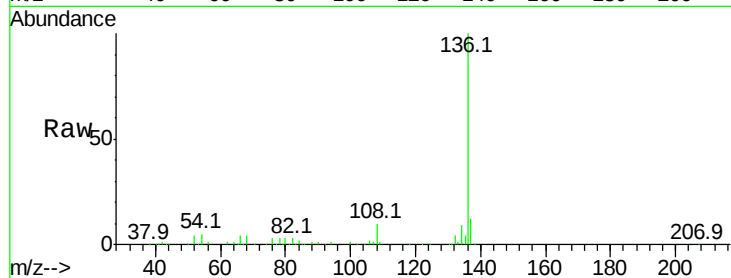
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 4.9 10.3 15.5#

68 4.1 4.5 6.7#

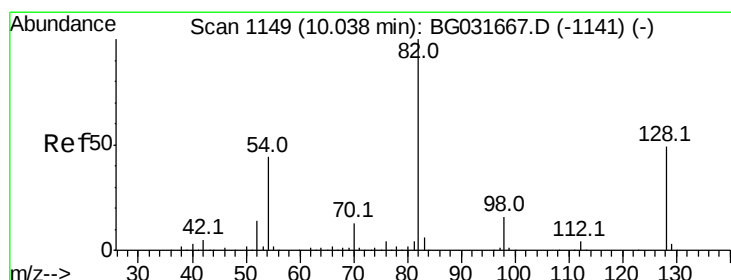
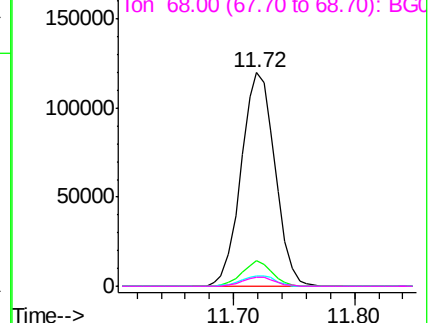
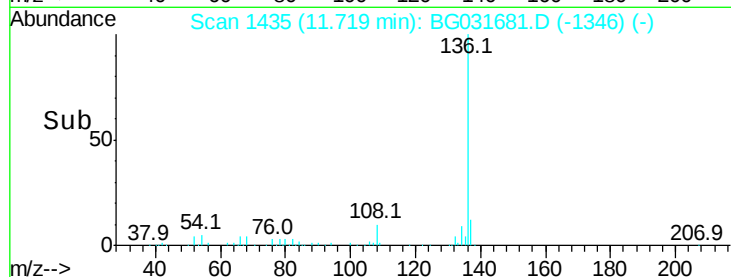


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.125 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031681.D

Acq: 21 Dec 2017 19:59

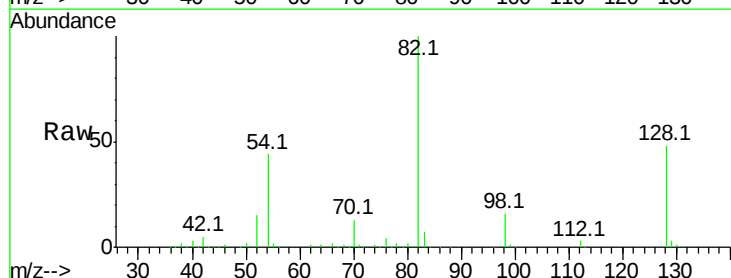
Tgt Ion: 82 Resp: 293363

Ion Ratio Lower Upper

82 100

128 47.6 29.7 44.5#

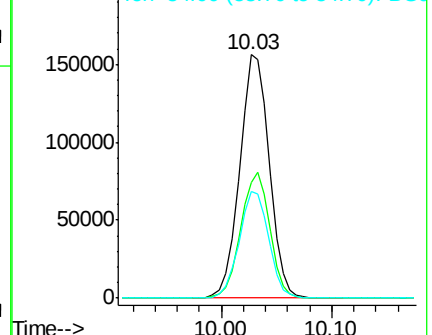
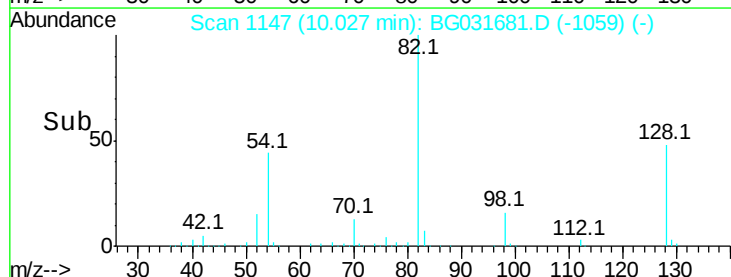
54 44.0 43.1 64.7

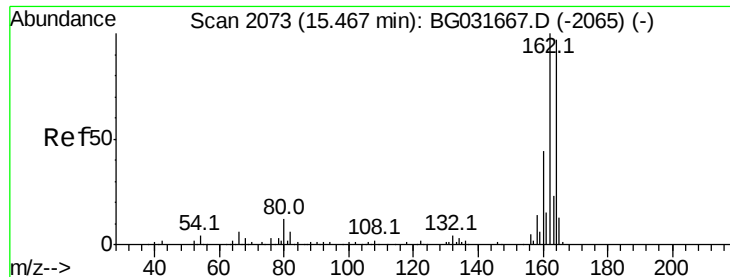


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. -0.01 min

Lab File: BG031681.D

Acq: 21 Dec 2017 19:59

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(60-62)

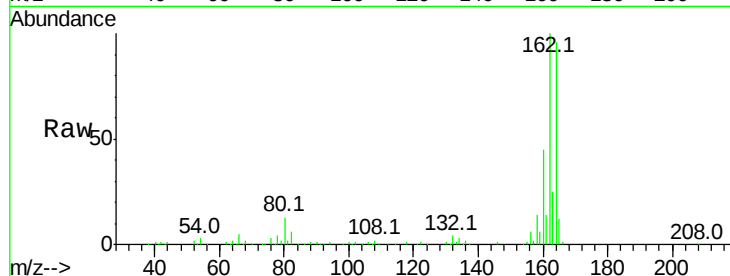
Tot Ion:164 Resp: 158367

Ion Ratio Lower Upper

164 100

162 104.6 78.8 118.2

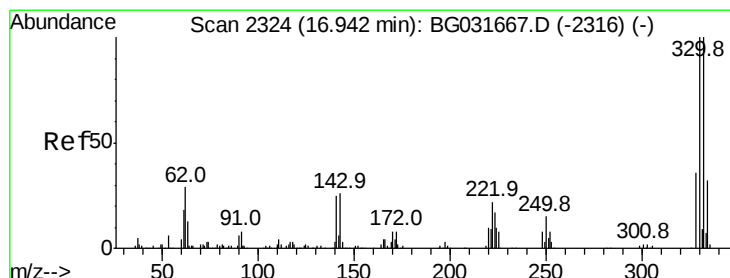
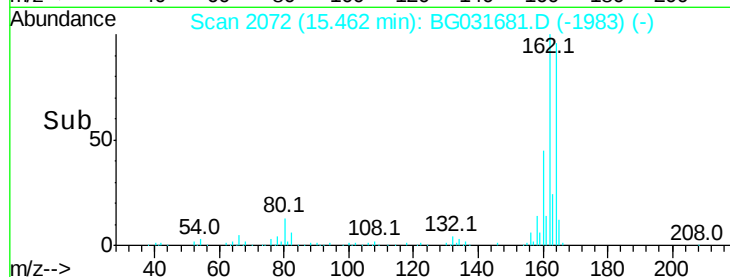
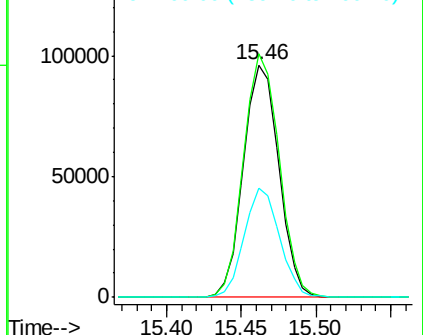
160 47.0 35.4 53.0



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: 155.082 ng

RT: 16.94 min Scan# 2324

Delta R.T. 0.00 min

Lab File: BG031681.D

Acq: 21 Dec 2017 19:59

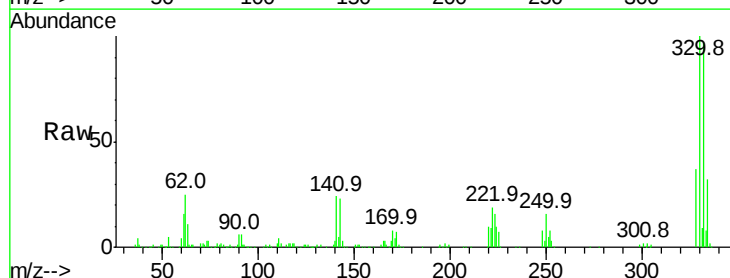
Tgt Ion:330 Resp: 374750

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

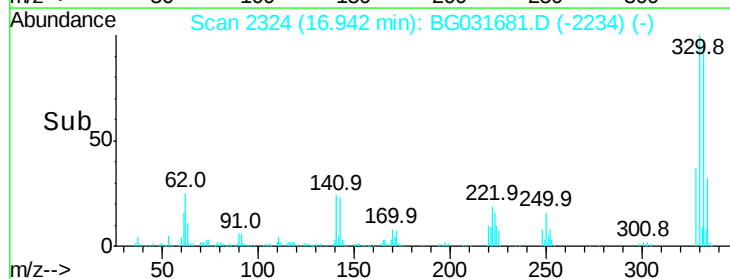
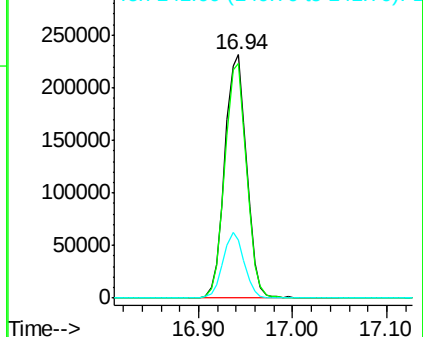
141 26.3 25.2 37.8



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

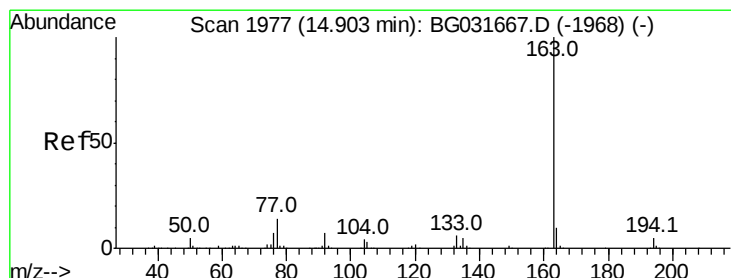
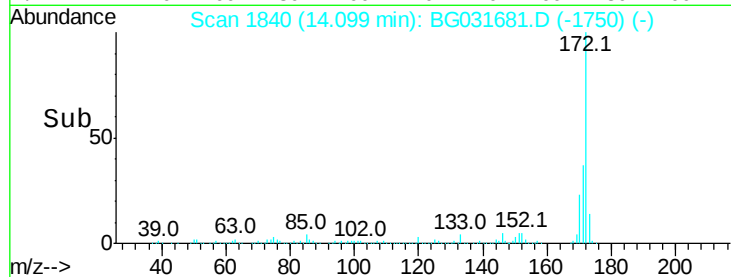
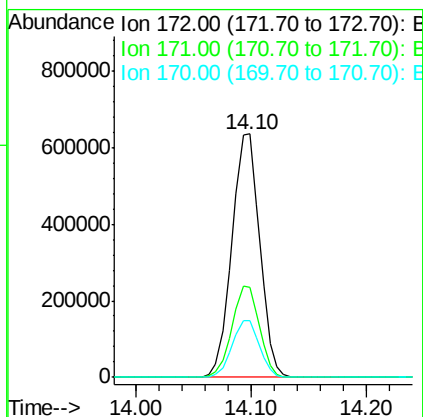
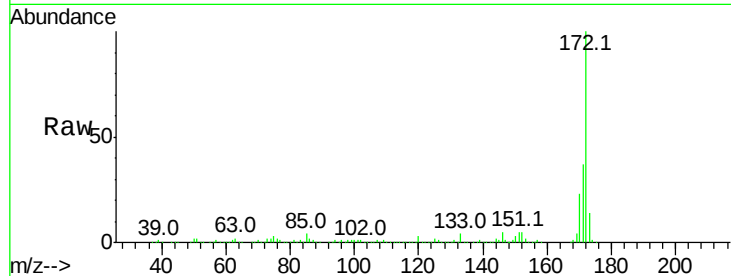




#44
2-Fluorobiphenyl
Concen: 84.243 ng
RT: 14.10 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BG031681.D
Acq: 21 Dec 2017 19:59

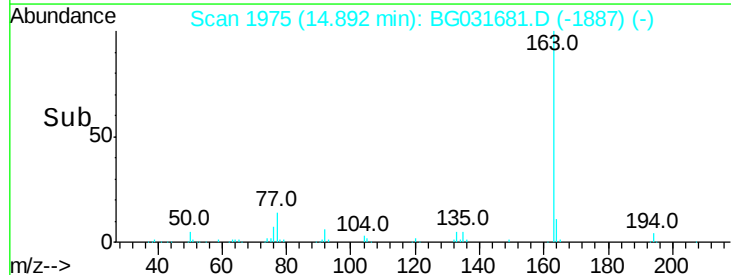
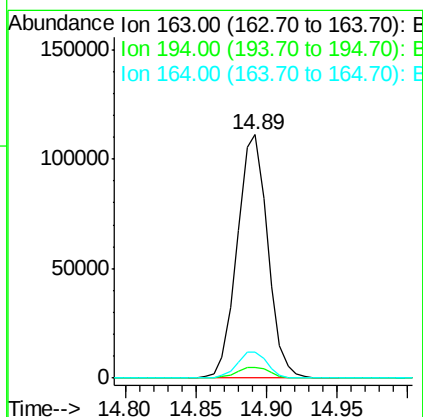
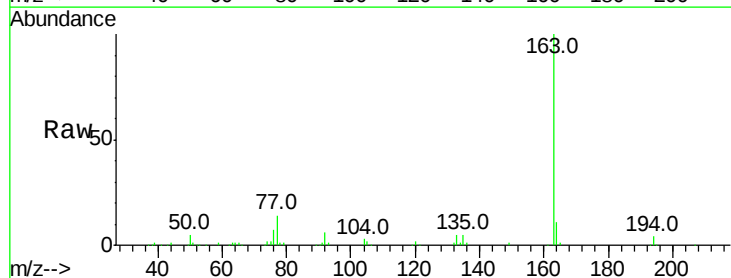
Instrument :
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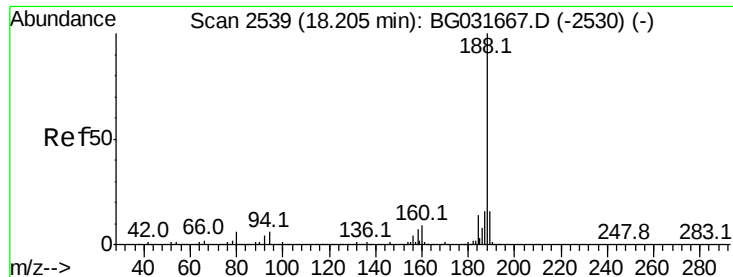
Tot Ion:172 Resp: 1062940
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 23.4 19.5 29.3



#49
Dimethylphthalate
Concen: 12.013 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG031681.D
Acq: 21 Dec 2017 19:59

Tgt Ion:163 Resp: 167606
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.7 8.2 12.4

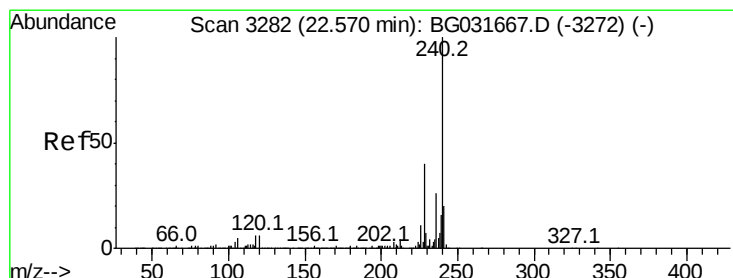
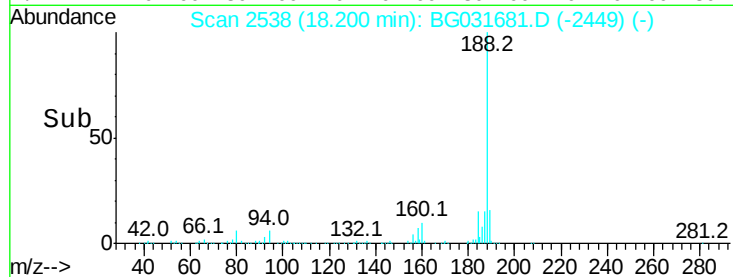
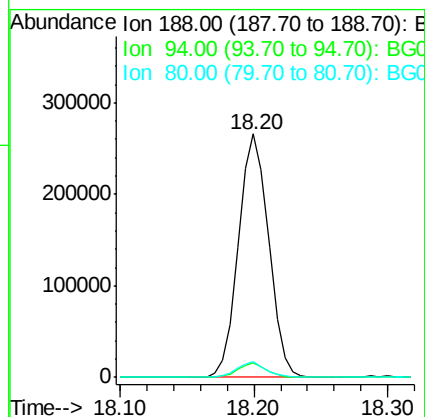
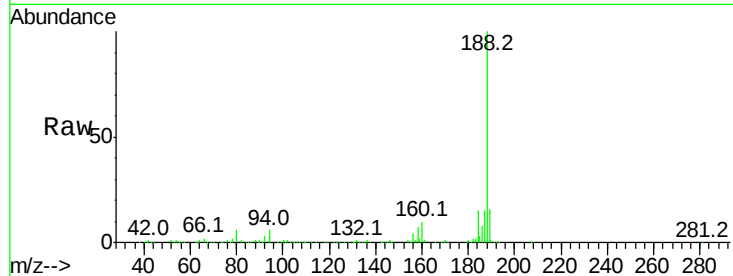




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG031681.D
Acq: 21 Dec 2017 19:59

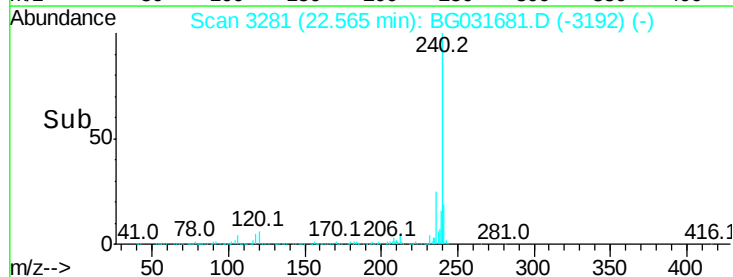
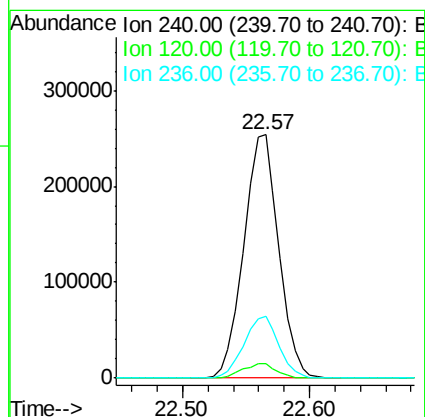
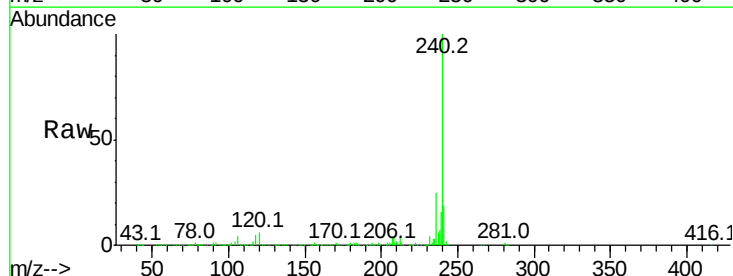
Instrument :
BNA_G
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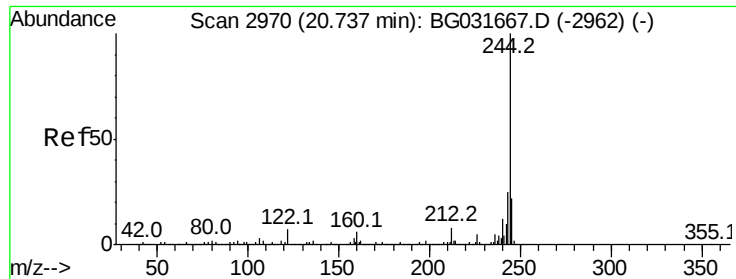
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	6.3	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.57 min Scan# 3281
Delta R.T. -0.01 min
Lab File: BG031681.D
Acq: 21 Dec 2017 19:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.3	20.9	31.3





#78

Terphenyl-d14

Concen: 84.193 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG031681.D

Acq: 21 Dec 2017 19:59

Instrument :

BNA_G

ClientSampleId :

EPE-108-1(60-62)

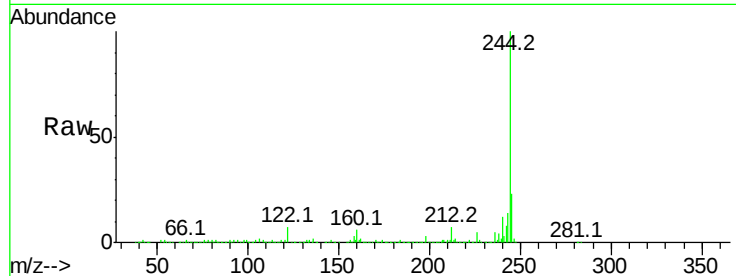
Tot Ion:244 Resp: 1790852

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

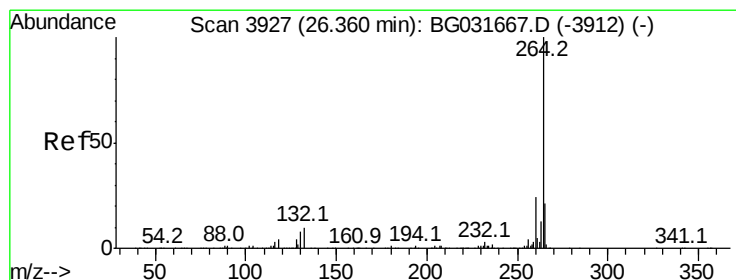
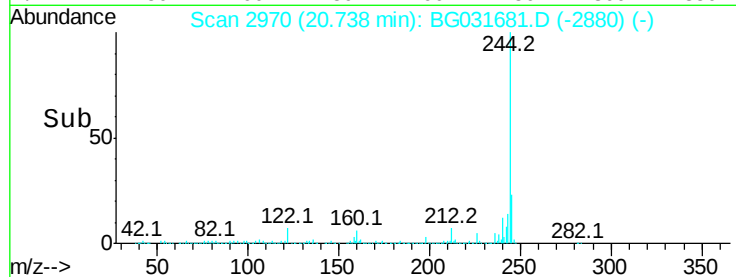
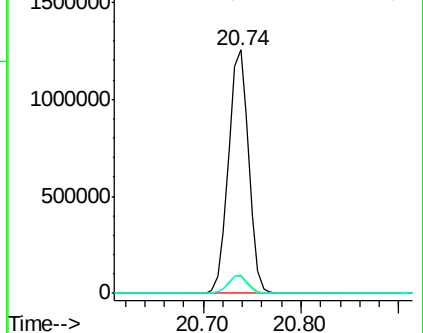
122 7.0 7.0 10.4



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: 26.36 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BG031681.D

Acq: 21 Dec 2017 19:59

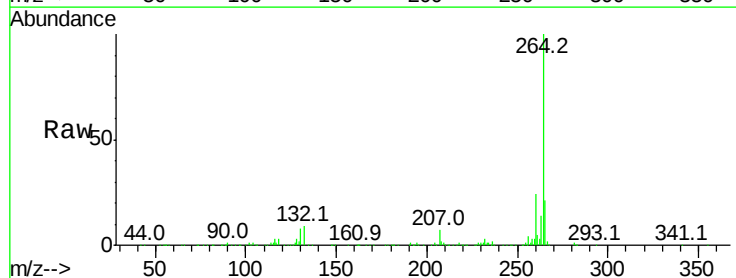
Tgt Ion:264 Resp: 513561

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.3 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

