

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031765.D
 Acq On : 26 Dec 2017 17:15
 Operator : SJ/JU
 Sample : I7019-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-03

Quant Time: Dec 27 05:04:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	46028	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	182600	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	135897	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	361446	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	438729	20.00	ng	-0.06
86) Perylene-d12	26.27	264	463580	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	139356	55.14	ng	-0.02
7) Phenol-d6	7.90	99	112303	34.23	ng	-0.03
23) Nitrobenzene-d5	10.00	82	217650	90.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	306782	147.95	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	851539	78.65	ng	-0.03
78) Terphenyl-d14	20.70	244	1736934	90.45	ng	-0.03

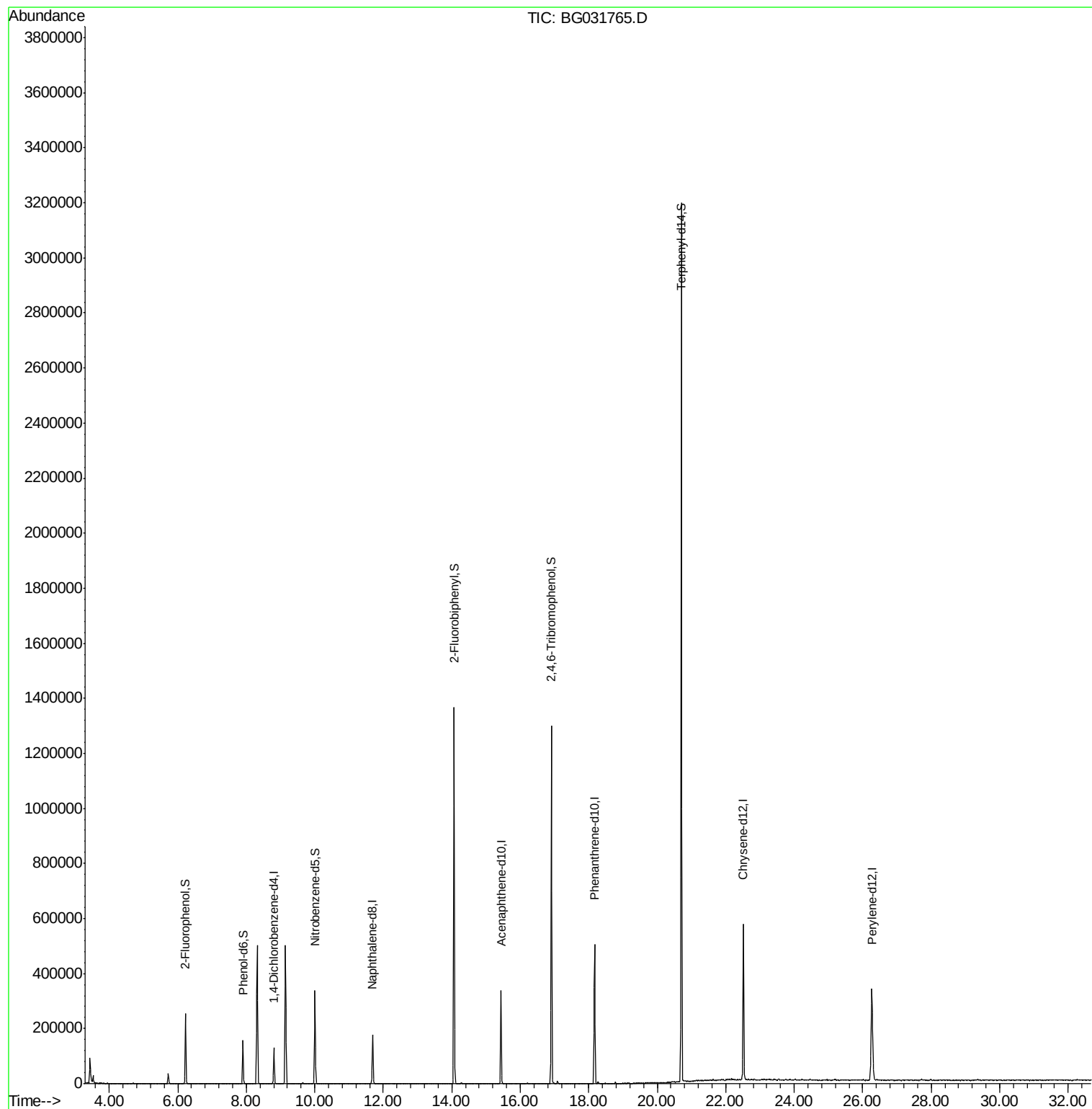
Target Compounds Qvalue

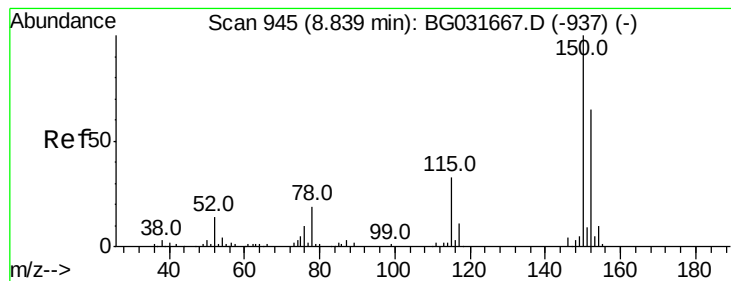
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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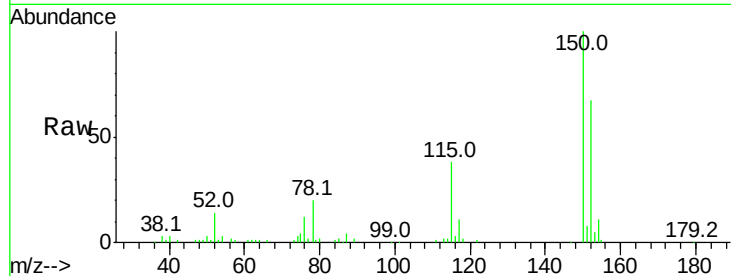


#1

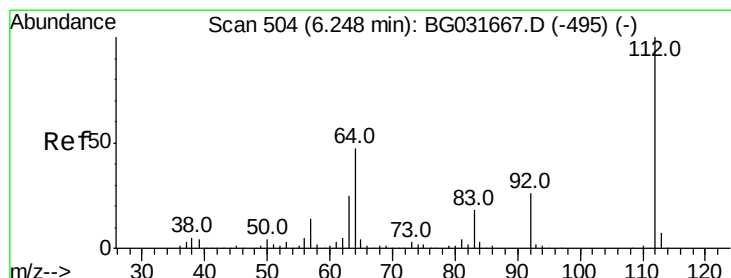
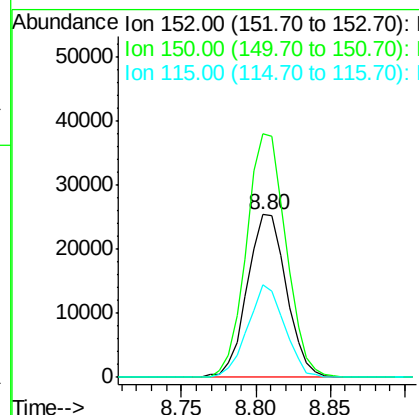
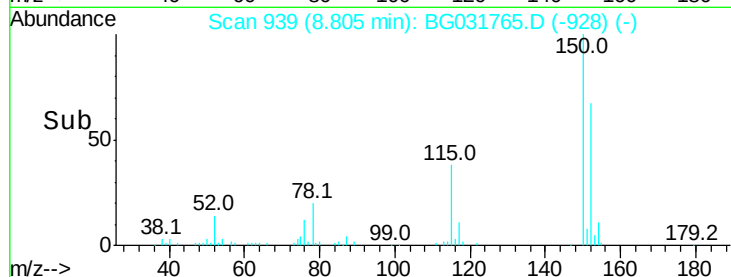
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Instrument :
BNA_G
ClientSampleId :
FB-03

Tot Ion:152 Resp: 46028
Ion Ratio Lower Upper
152 100
150 149.7 126.6 189.8
115 56.9 53.0 79.4



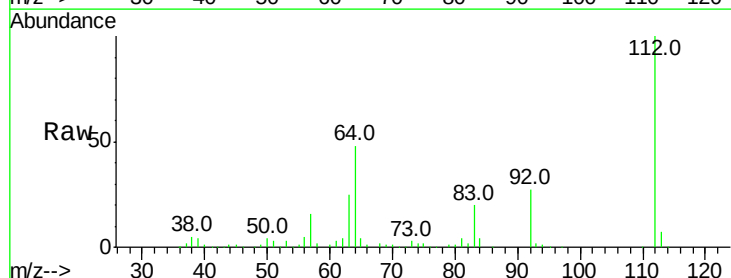
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



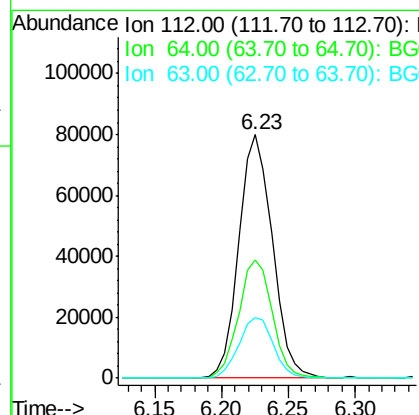
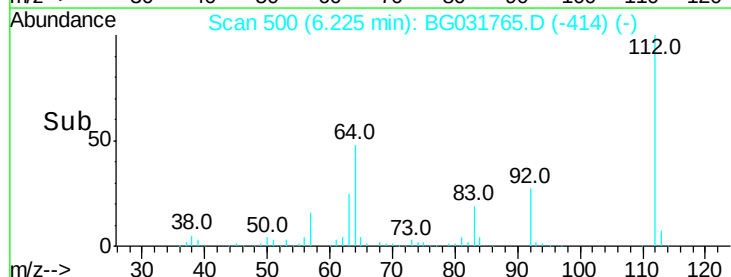
#5

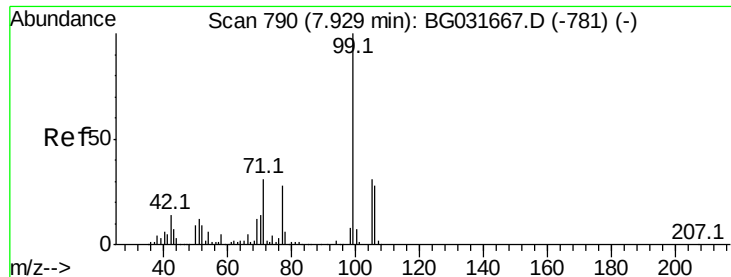
2-Fluorophenol
Concen: 55.145 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Tgt Ion:112 Resp: 139356
Ion Ratio Lower Upper
112 100
64 48.4 56.3 84.5#
63 25.0 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: 34.228 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

Instrument :

BNA_G

ClientSampleId :

FB-03

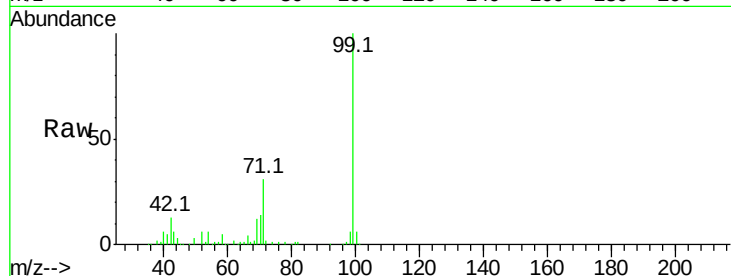
Tot Ion: 99 Resp: 112303

Ion Ratio Lower Upper

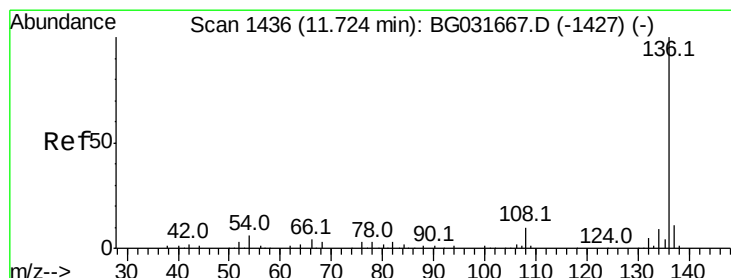
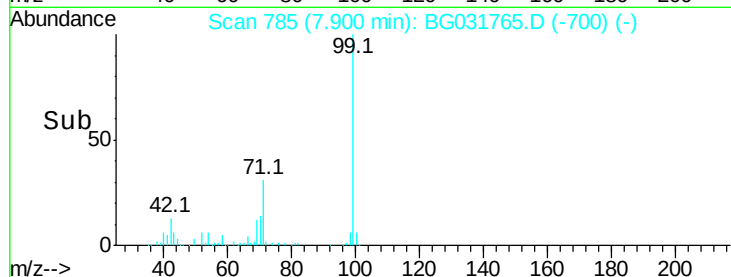
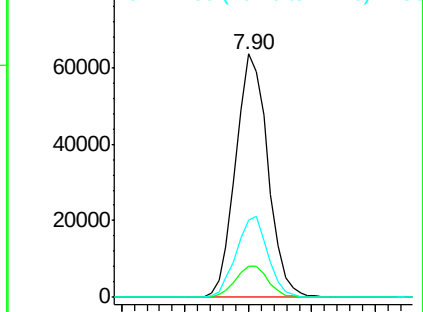
99 100

42 12.6 14.1 21.1#

71 31.5 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

Tgt Ion: 136 Resp: 182600

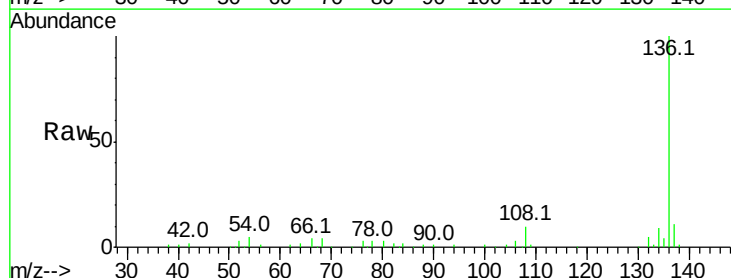
Ion Ratio Lower Upper

136 100

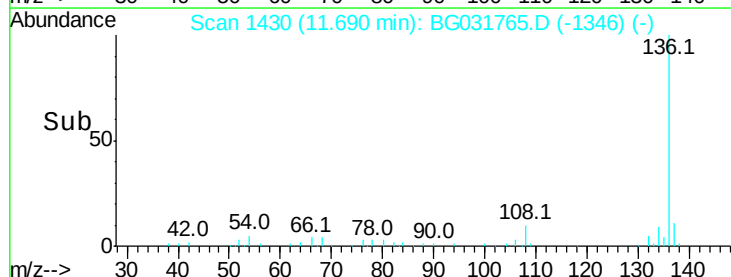
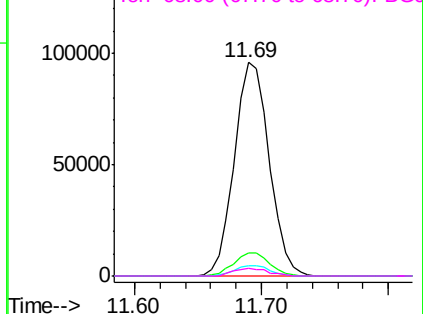
137 11.0 9.2 13.8

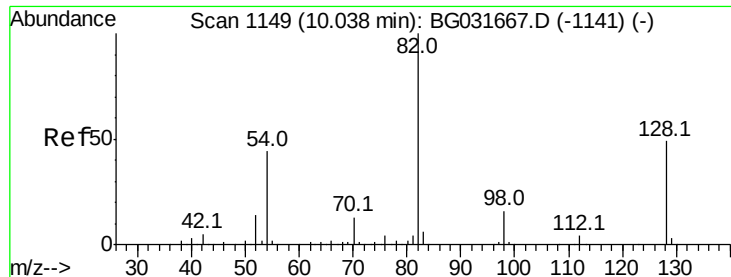
54 4.9 10.3 15.5#

68 3.8 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: 90.007 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

Instrument :

BNA_G

ClientSampled :

FB-03

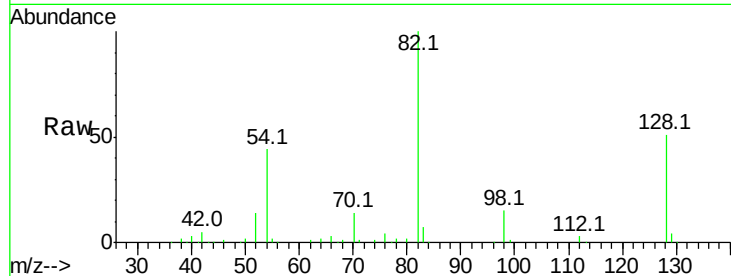
Tot Ion: 82 Resp: 217650

Ion Ratio Lower Upper

82 100

128 51.4 29.7 44.5#

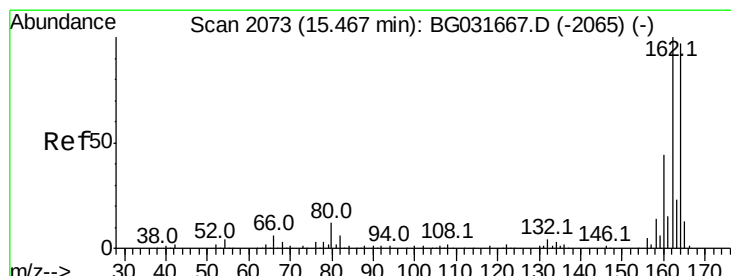
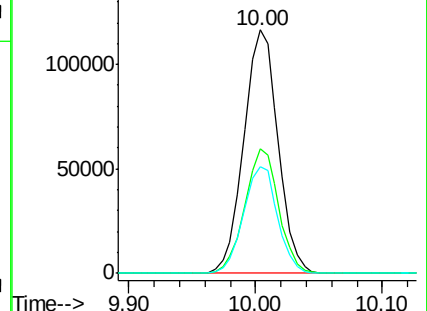
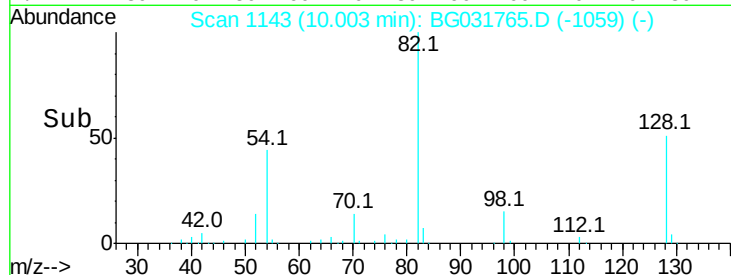
54 44.0 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

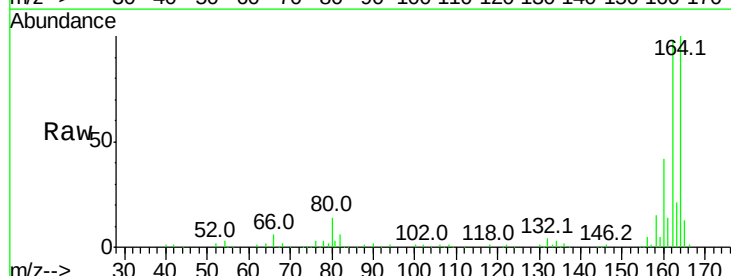
Tgt Ion:164 Resp: 135897

Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

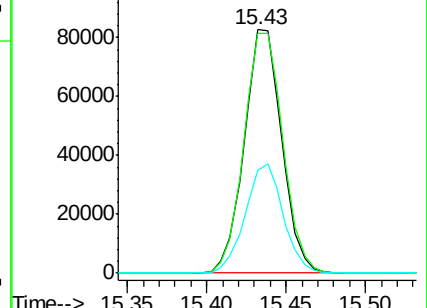
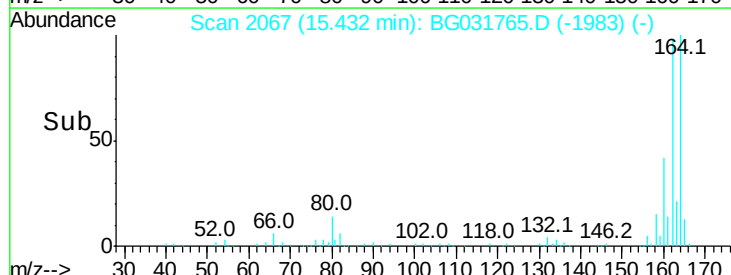
160 42.2 35.4 53.0

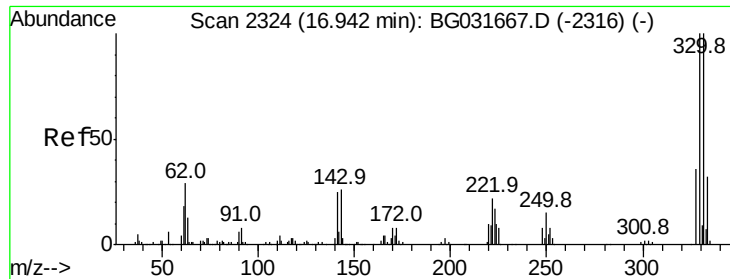


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 147.947 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

Instrument :

BNA_G

ClientSampleId :

FB-03

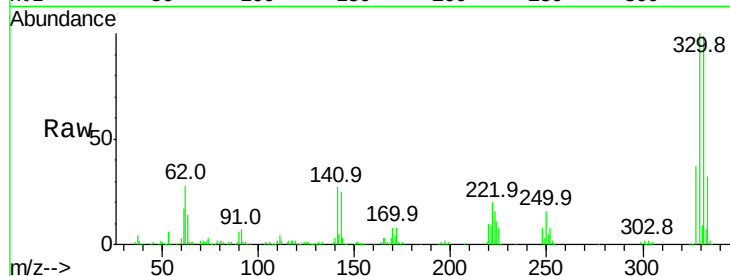
Tot Ion:330 Resp: 306782

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

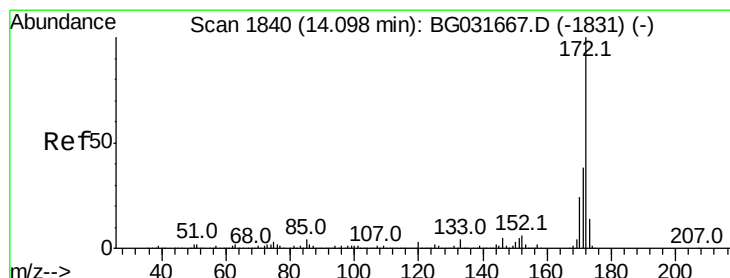
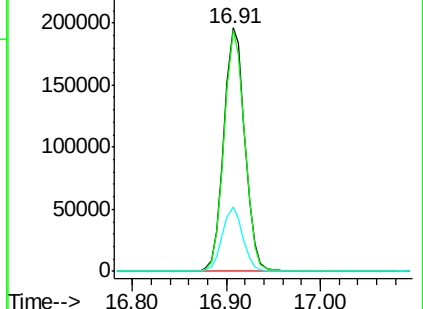
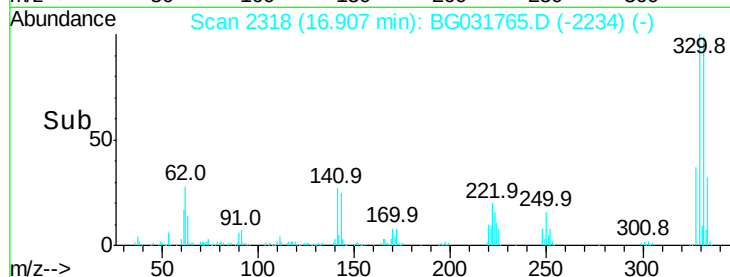
141 26.0 25.2 37.8



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: 78.647 ng

RT: 14.06 min Scan# 1834

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

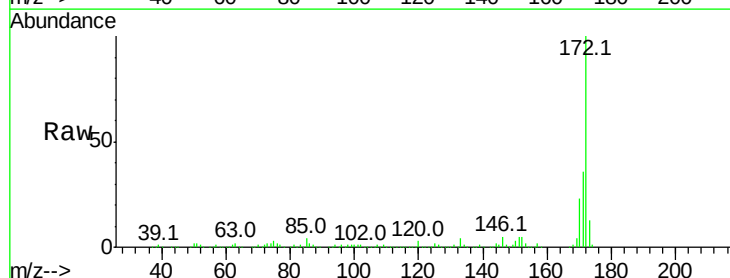
Tgt Ion:172 Resp: 851539

Ion Ratio Lower Upper

172 100

171 36.5 30.0 45.0

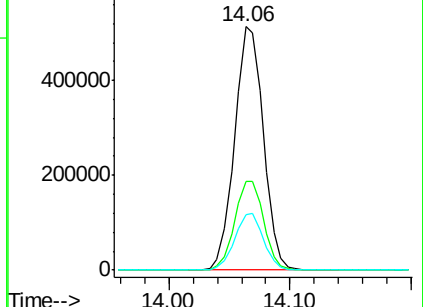
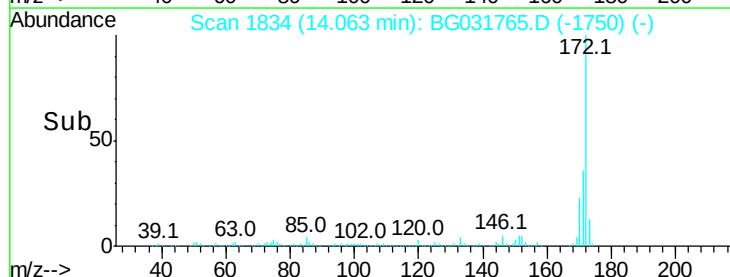
170 22.9 19.5 29.3

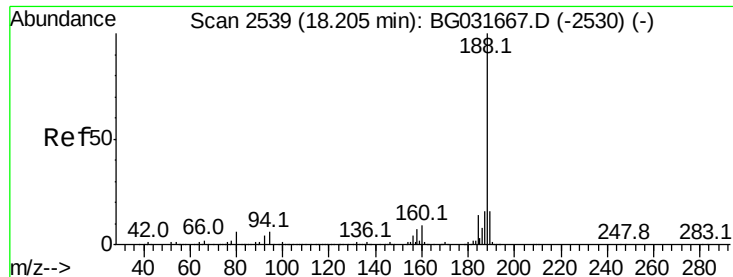


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

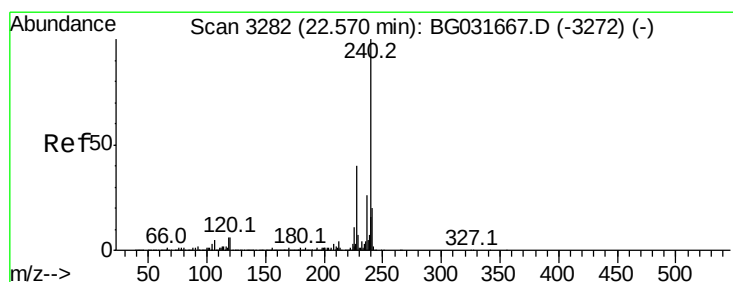
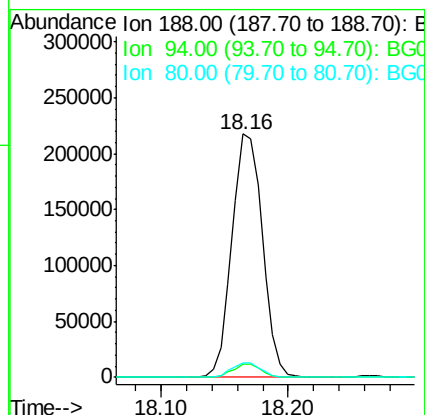
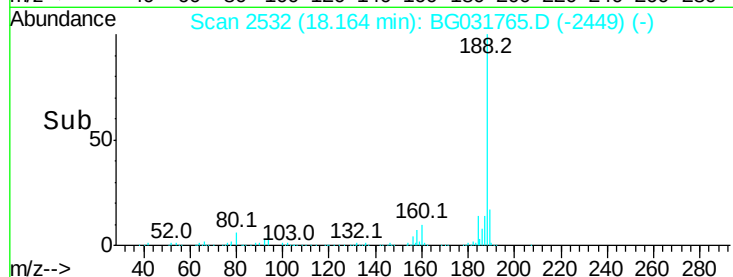
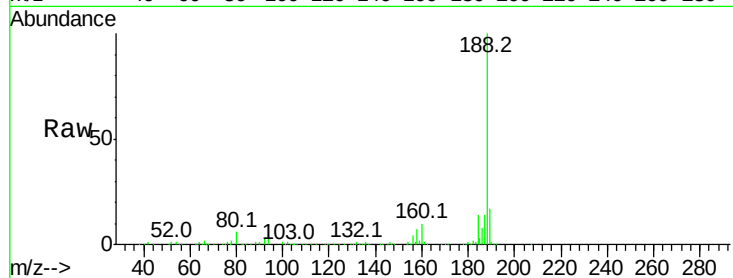




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

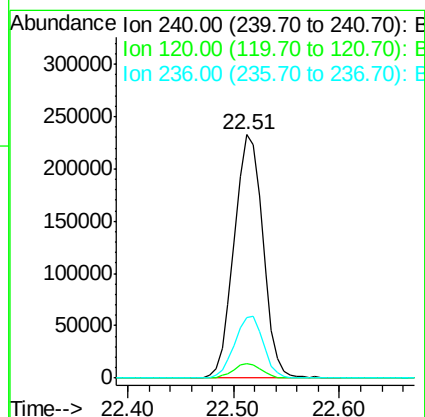
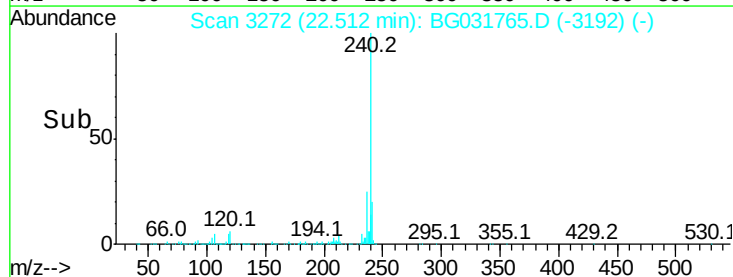
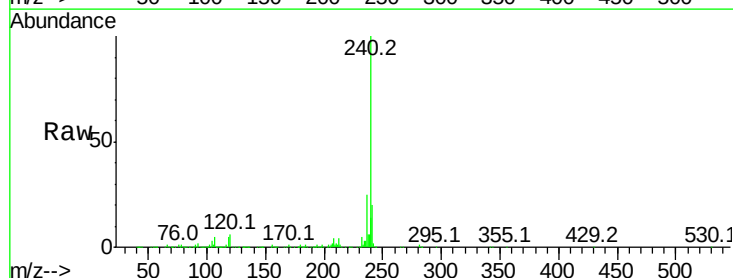
Instrument :
BNA_G
ClientSampled :
FB-03

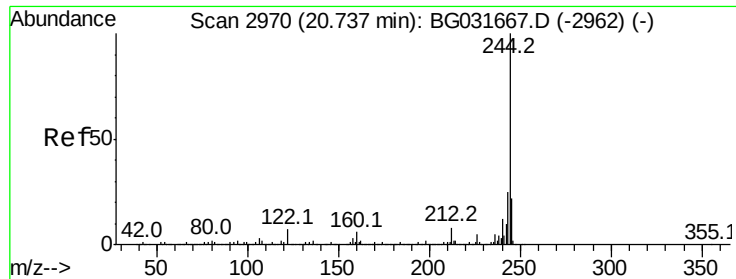
Tot Ion:188 Resp: 361446
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 5.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031765.D
Acq: 26 Dec 2017 17:15

Tgt Ion:240 Resp: 438729
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 90.450 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

Instrument :

BNA_G

ClientSampleId :

FB-03

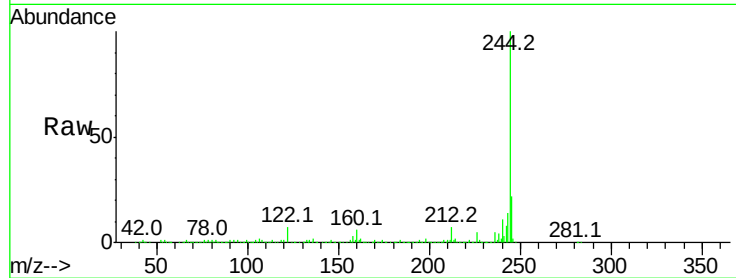
Tot Ion:244 Resp: 1736934

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	6.9	7.0	10.4

244 100

212 7.4 5.8 8.8

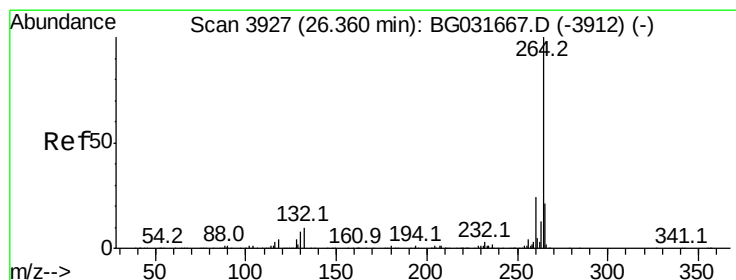
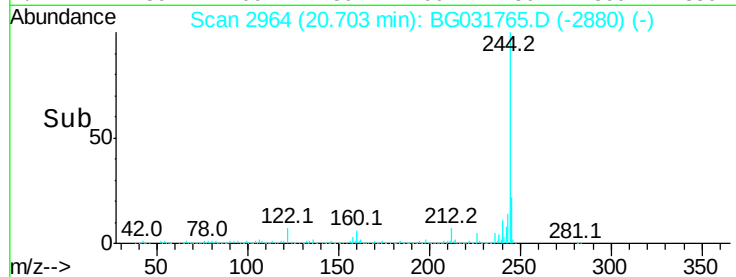
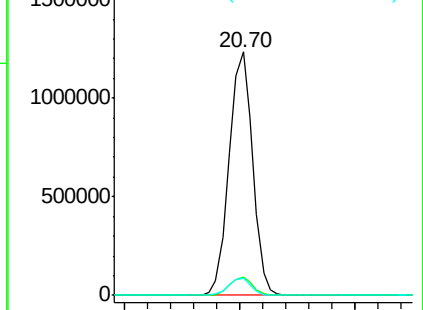
122 6.9 7.0 10.4



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: 26.27 min Scan# 3911

Delta R.T. -0.09 min

Lab File: BG031765.D

Acq: 26 Dec 2017 17:15

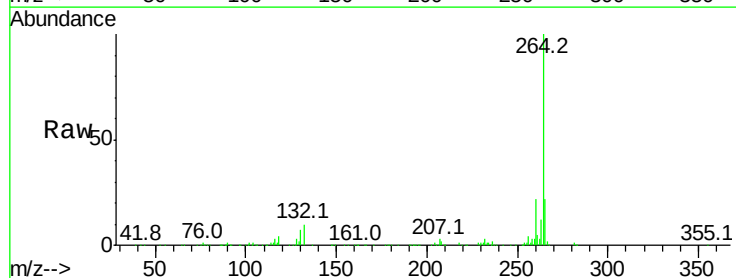
Tgt Ion:264 Resp: 463580

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	21.9	17.7	26.5

264 100

260 21.8 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

