

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031347.D
 Acq On : 2 Dec 2017 10:07
 Operator : SJ/JU
 Sample : I6653-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-1A

Quant Time: Dec 03 23:40:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	65479	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	281239	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	190313	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	493137	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	544447	20.00	ng	-0.02
86) Perylene-d12	25.05	264	538897	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	239726	62.78	ng	-0.02
7) Phenol-d6	7.29	99	196398	38.18	ng	-0.01
23) Nitrobenzene-d5	9.29	82	402762	84.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	344549	111.92	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1167409	88.14	ng	-0.02
78) Terphenyl-d14	20.08	244	2110782	85.61	ng	-0.02

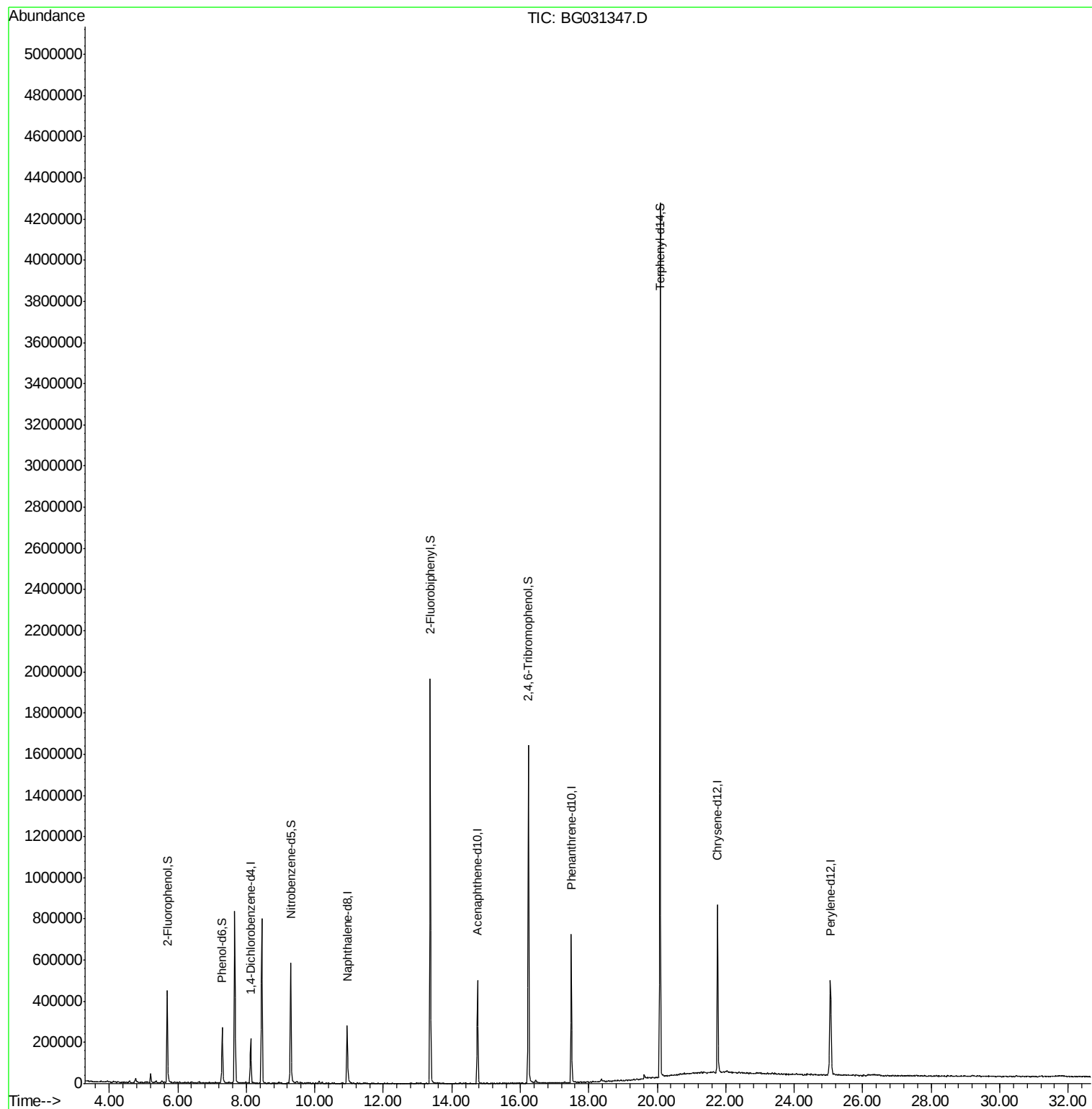
Target Compounds Qvalue

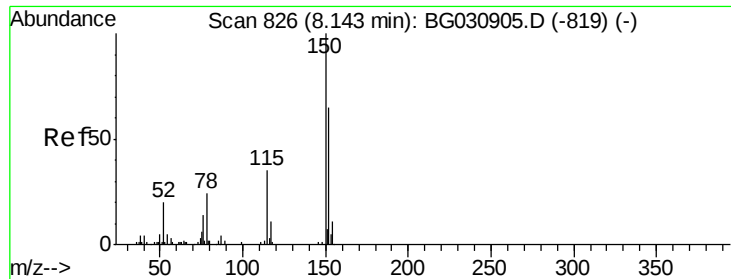
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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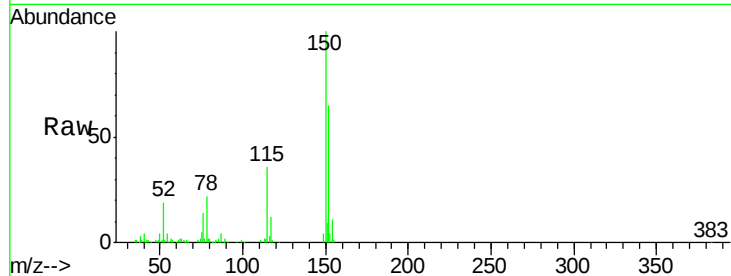


#1

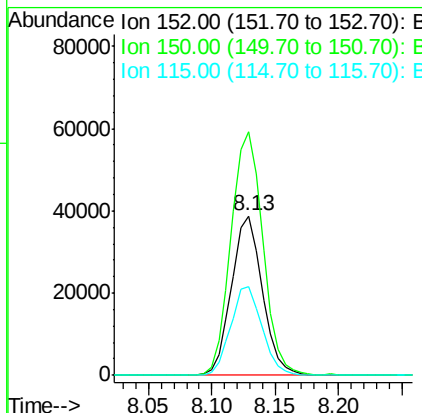
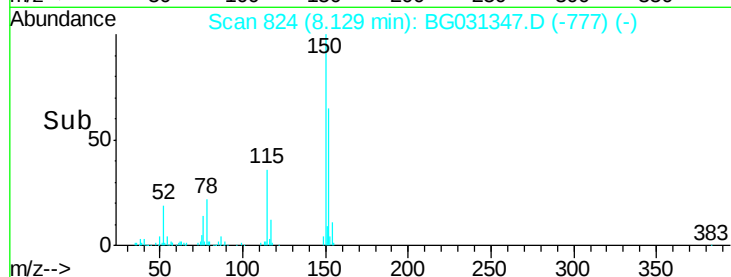
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031347.D
Acq: 2 Dec 2017 10:07

Instrument :
BNA_G
ClientSampleId :
PMW-1A

Tot Ion:152 Resp: 65479
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 55.6 53.0 79.4



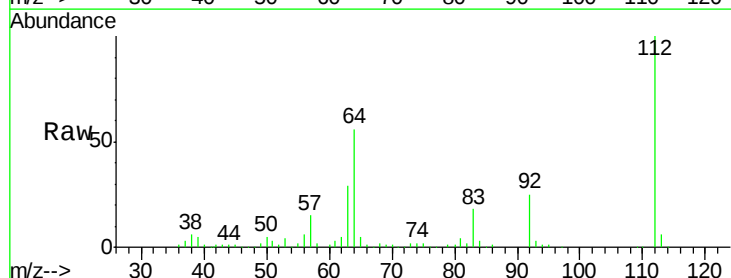
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



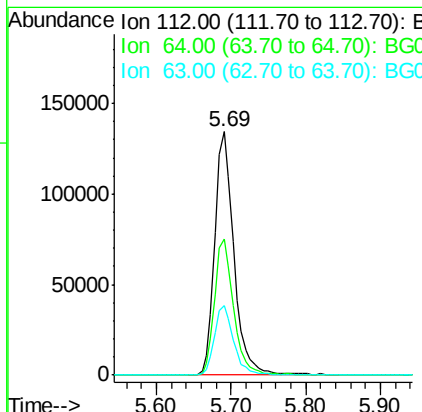
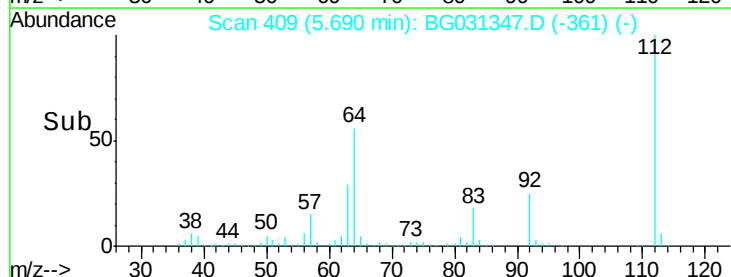
#5

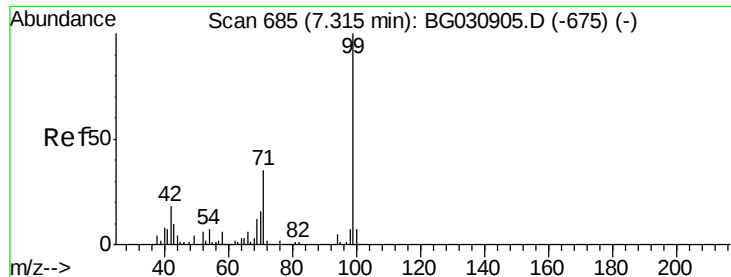
2-Fluorophenol
Concen: 62.78 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031347.D
Acq: 2 Dec 2017 10:07

Tgt Ion:112 Resp: 239726
Ion Ratio Lower Upper
112 100
64 55.8 56.3 84.5#
63 28.7 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: 38.18 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031347.D

Acq: 2 Dec 2017 10:07

Instrument :

BNA_G

ClientSampled :

PMW-1A

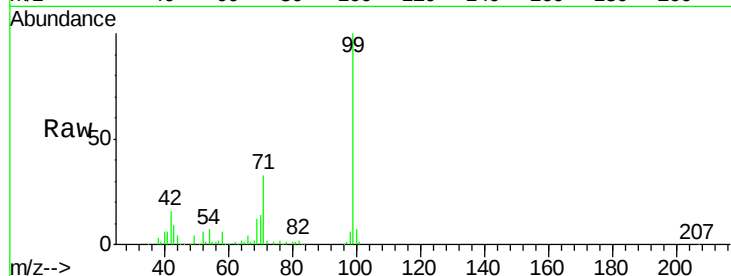
Tot Ion: 99 Resp: 196398

Ion Ratio Lower Upper

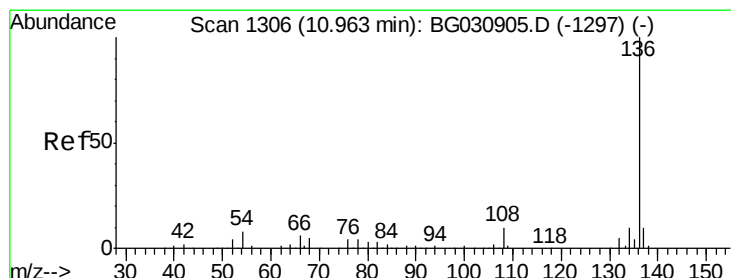
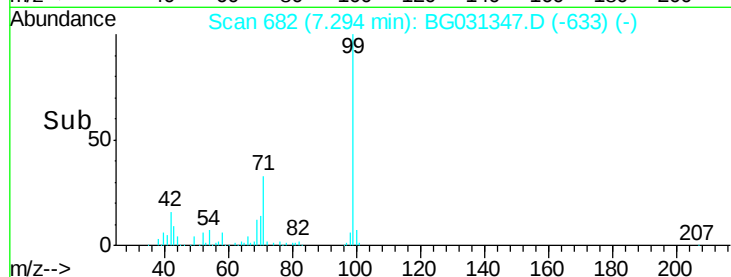
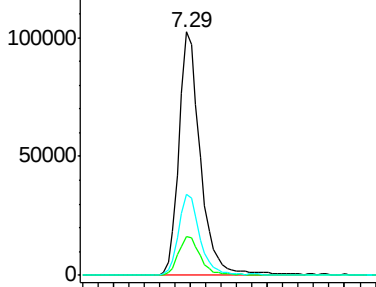
99 100

42 16.0 14.1 21.1

71 33.2 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031347.D

Acq: 2 Dec 2017 10:07

Tgt Ion: 136 Resp: 281239

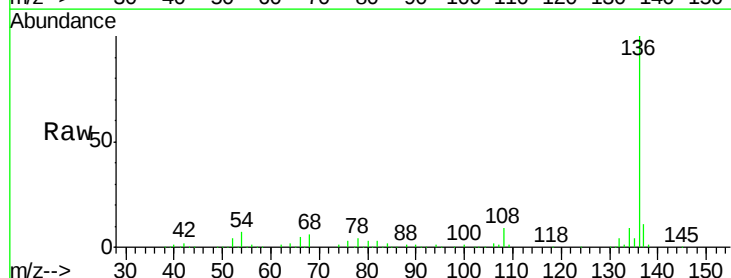
Ion Ratio Lower Upper

136 100

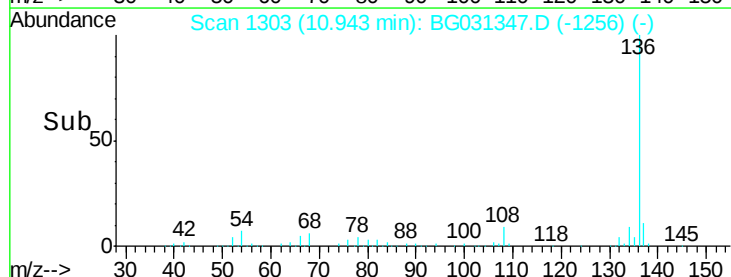
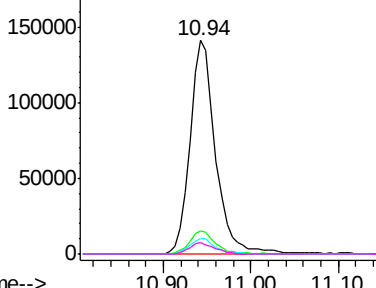
137 10.5 9.2 13.8

54 7.0 10.3 15.5#

68 5.7 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

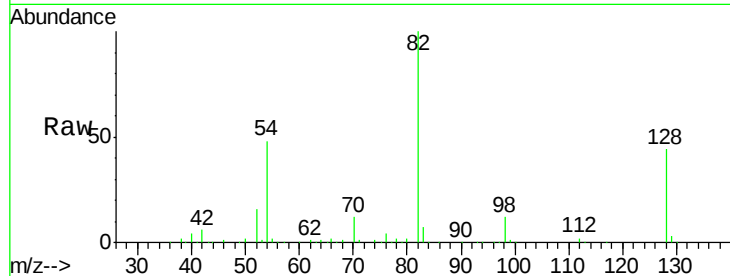




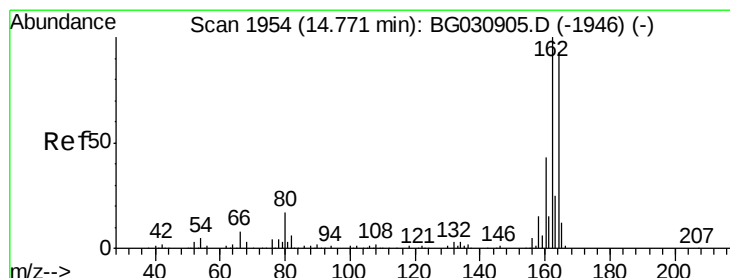
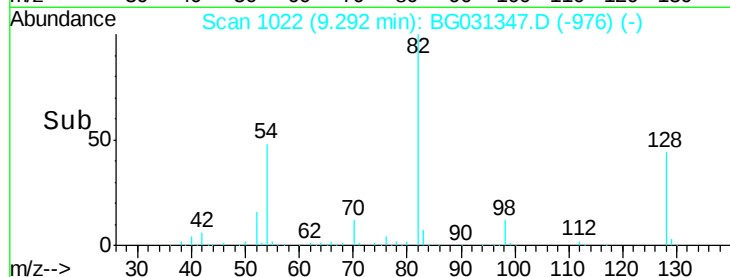
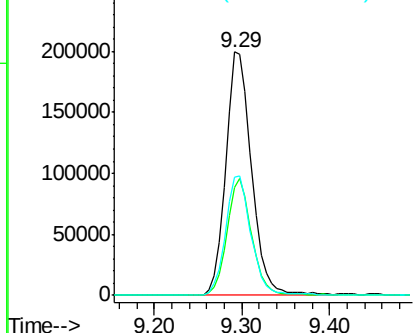
#23
Nitrobenzene-d5
Concen: 84.86 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031347.D
Acq: 2 Dec 2017 10:07

Instrument :
BNA_G
ClientSampleId :
PMW-1A

Tot Ion: 82 Resp: 402762
Ion Ratio Lower Upper
82 100
128 44.1 29.7 44.5
54 48.4 43.1 64.7

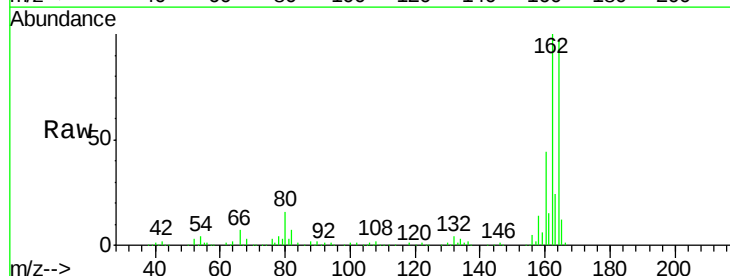


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

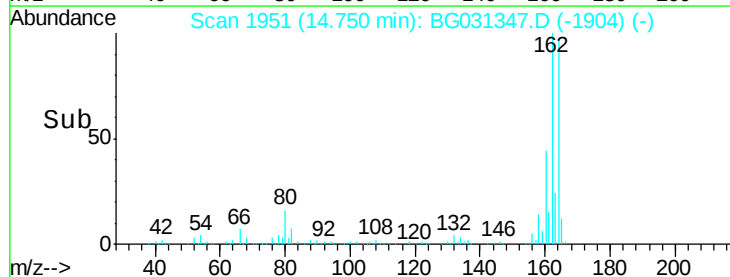
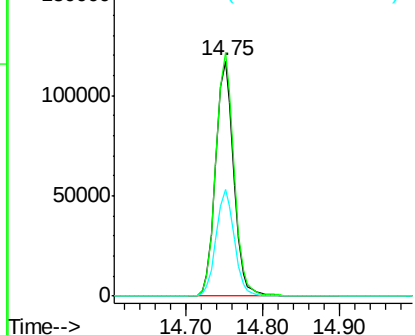


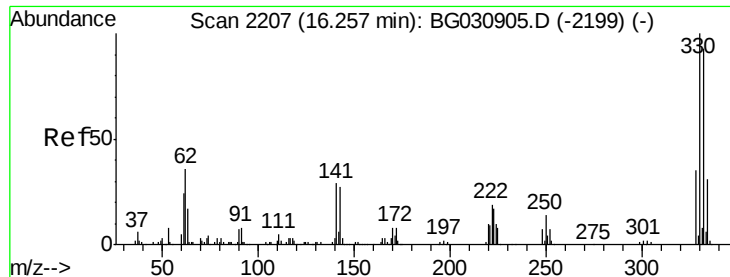
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031347.D
Acq: 2 Dec 2017 10:07

Tgt Ion:164 Resp: 190313
Ion Ratio Lower Upper
164 100
162 103.5 78.8 118.2
160 45.5 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: 111.92 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031347.D

Acq: 2 Dec 2017 10:07

Instrument :

BNA_G

ClientSampleId :

PMW-1A

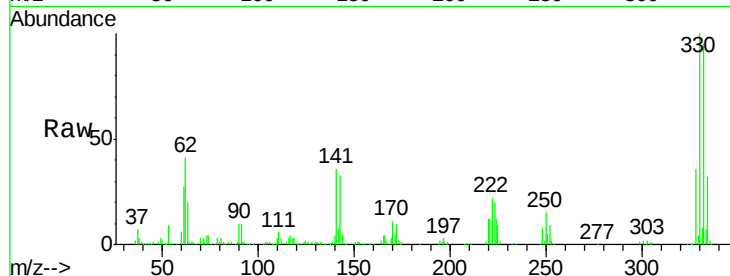
Tot Ion:330 Resp: 344549

Ion Ratio Lower Upper

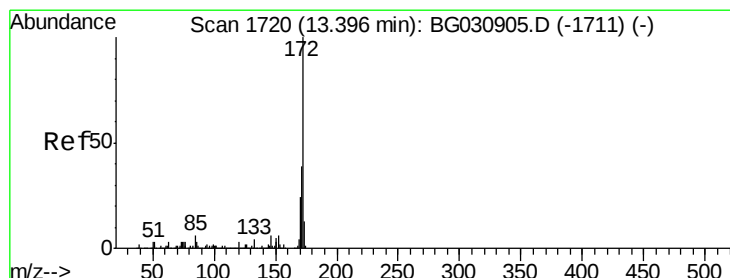
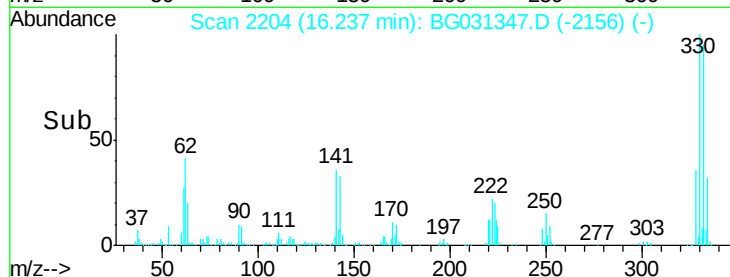
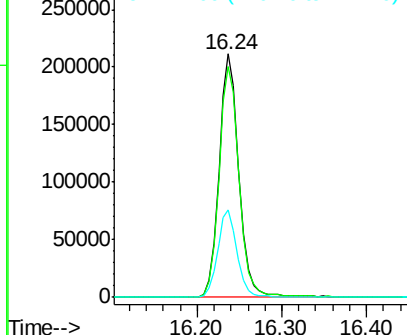
330 100

332 96.0 77.0 115.6

141 35.6 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: 88.14 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG031347.D

Acq: 2 Dec 2017 10:07

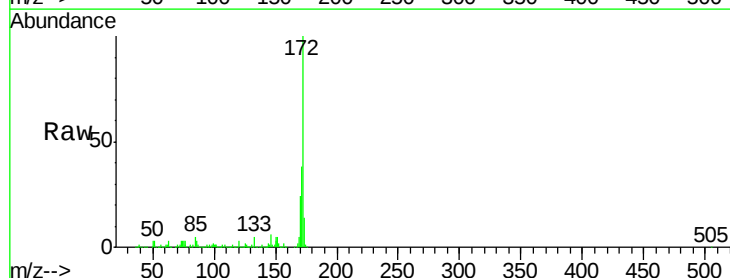
Tgt Ion:172 Resp: 1167409

Ion Ratio Lower Upper

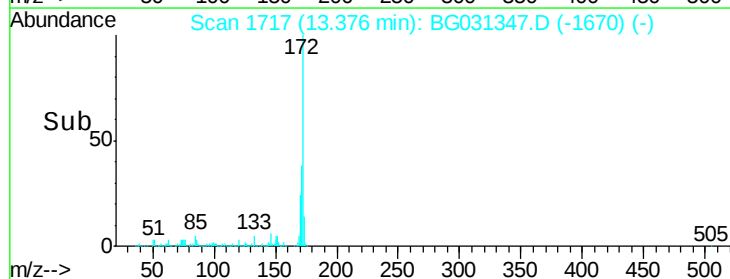
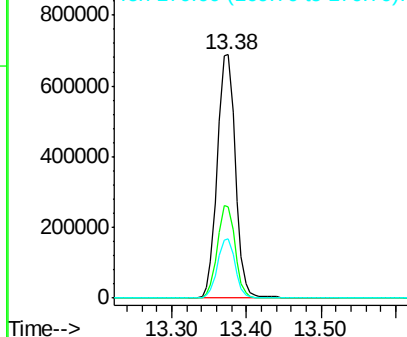
172 100

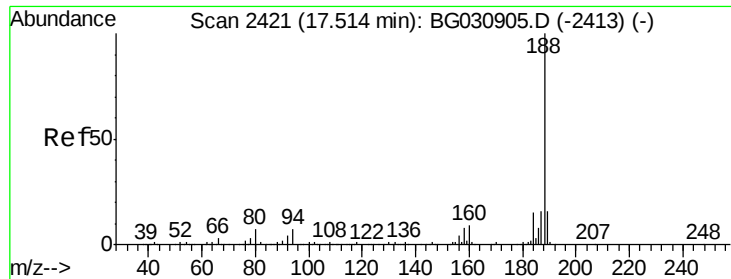
171 37.6 30.0 45.0

170 24.3 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: 20.00 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG031347.D

Acq: 2 Dec 2017 10:07

Instrument :

BNA_G

ClientSampleId :

PMW-1A

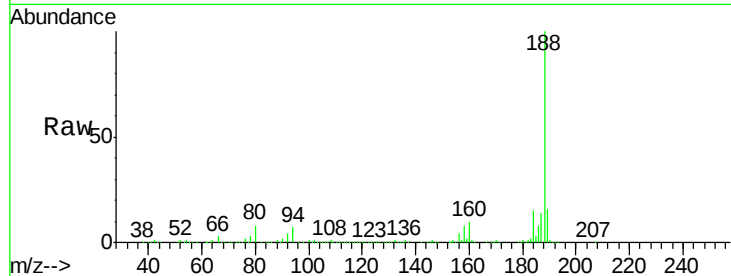
Tot Ion:188 Resp: 493137

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

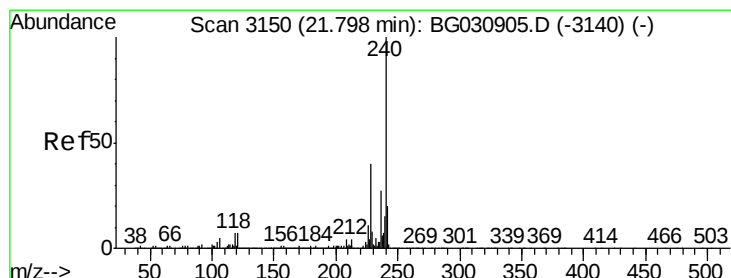
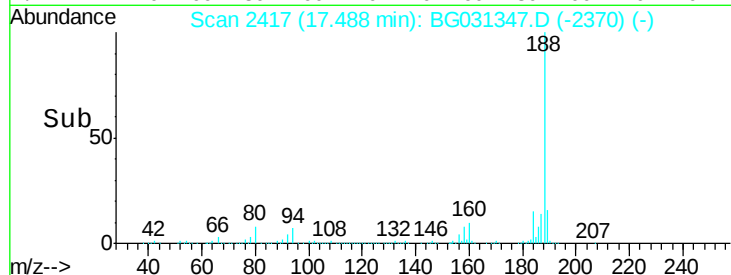
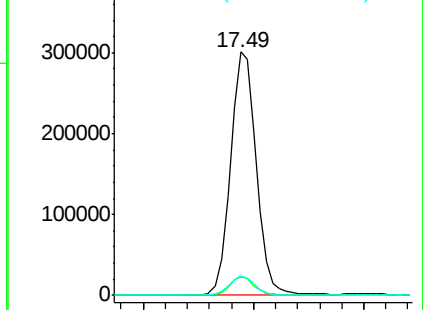
80 7.9 7.7 11.5



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: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031347.D

Acq: 2 Dec 2017 10:07

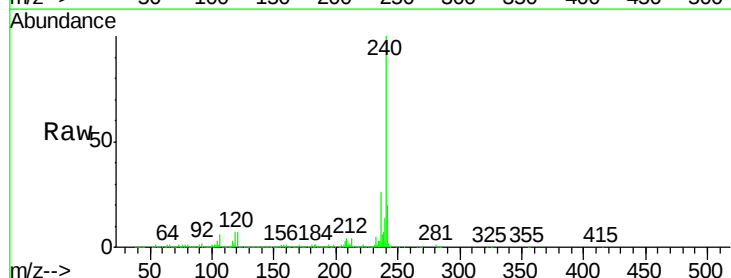
Tgt Ion:240 Resp: 544447

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

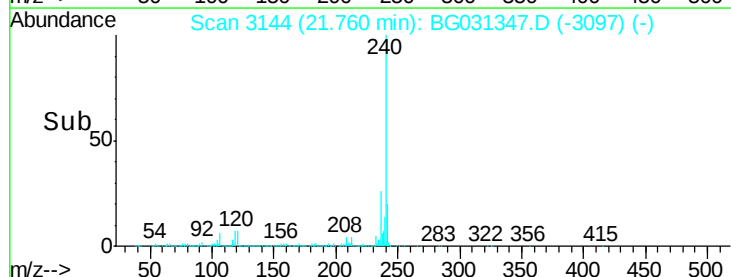
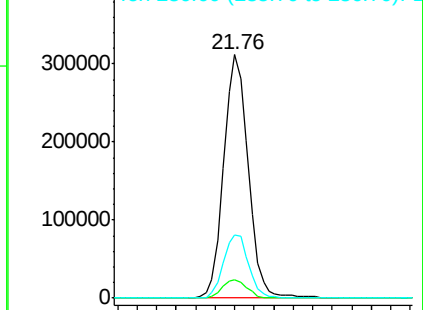
236 25.9 20.9 31.3



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: 85.61 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031347.D

Acq: 2 Dec 2017 10:07

Instrument :

BNA_G

ClientSampleId :

PMW-1A

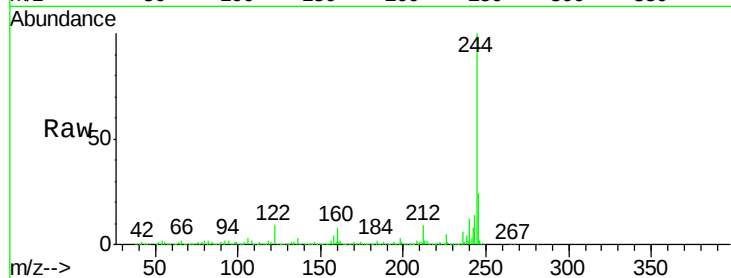
Tot Ion:244 Resp: 2110782

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

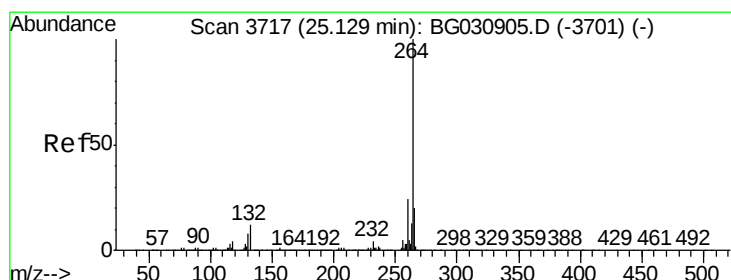
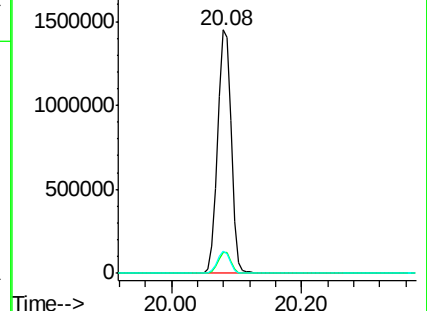
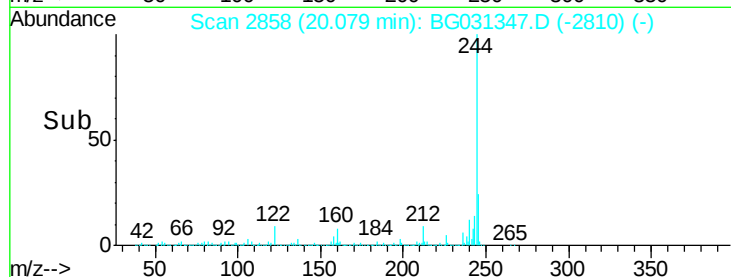
122 9.3 7.0 10.4



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: 20.00 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.04 min

Lab File: BG031347.D

Acq: 2 Dec 2017 10:07

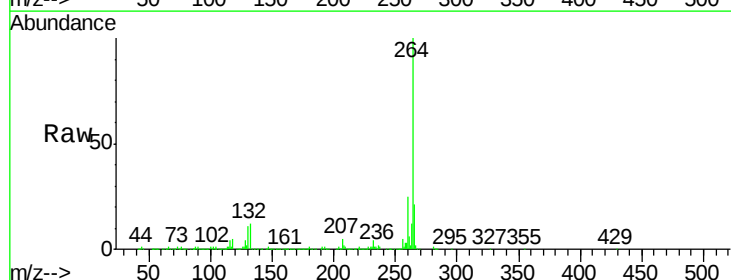
Tgt Ion:264 Resp: 538897

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 20.8 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

