

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070217\
 Data File : BG027826.D
 Acq On : 2 Jul 2017 19:51
 Operator : SJ/JU
 Sample : I4025-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP6-MH2098-COMP

Quant Time: Jul 03 08:08:30 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	26258	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	123622	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	24384	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	149898	20.00	ng	0.00
75) Chrysene-d12	22.18	240	58470	20.00	ng	0.00
86) Perylene-d12	25.82	264	263	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	122858	72.05	ng	0.00
7) Phenol-d6	7.62	99	70863	27.20	ng	0.00
23) Nitrobenzene-d5	9.64	82	120675	54.41	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	109160	326.38	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	317124	185.74	ng	0.00
78) Terphenyl-d14	20.39	244	451141	180.89	ng	0.00

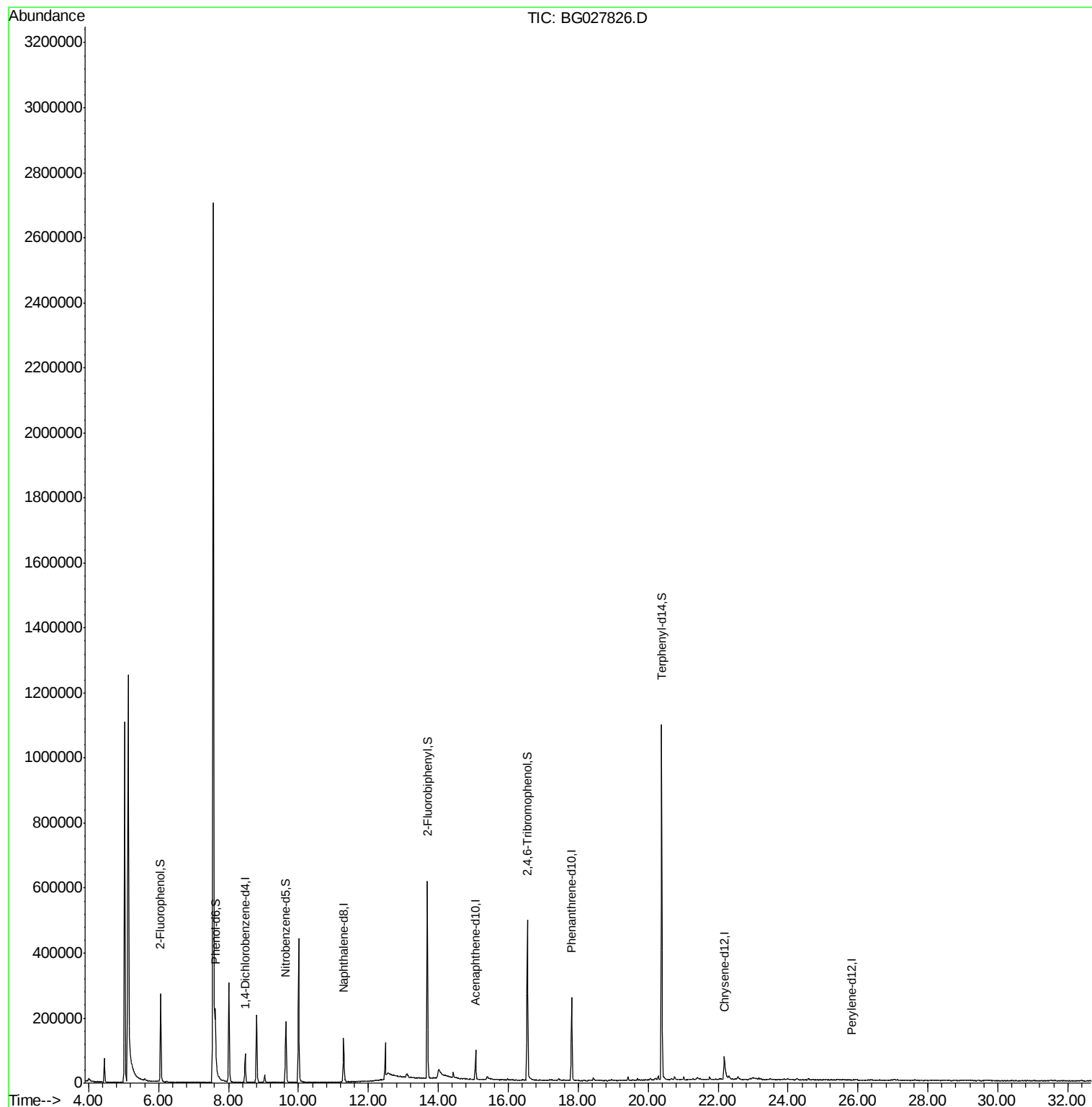
Target Compounds	Qvalue
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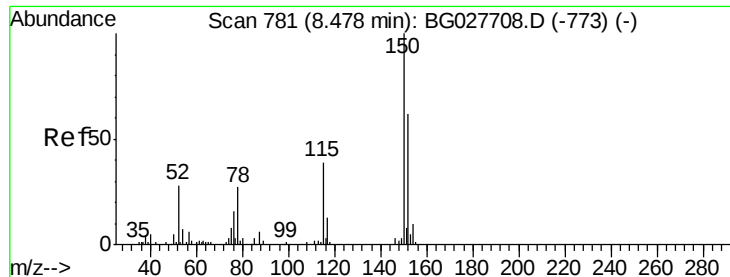
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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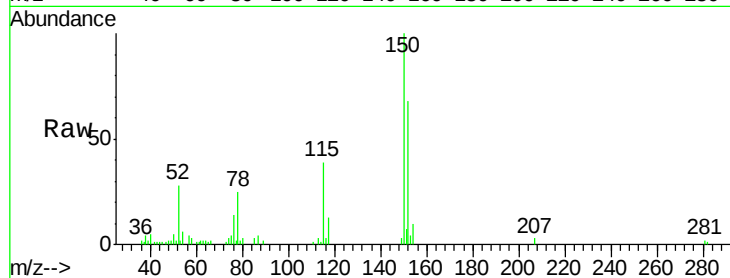


#1

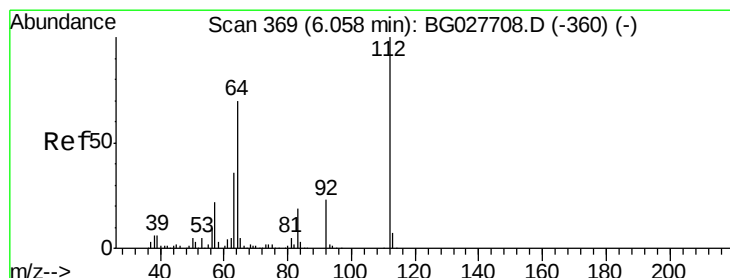
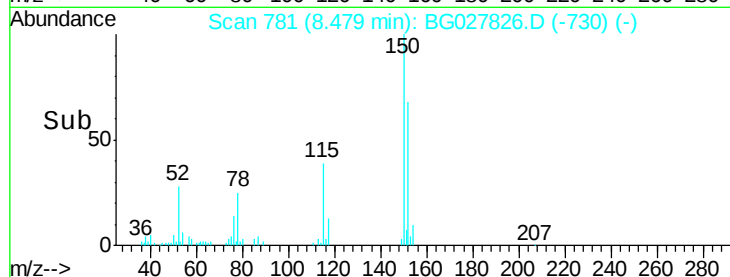
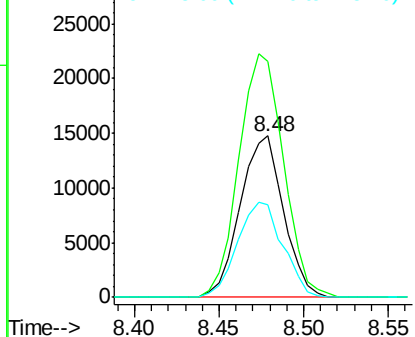
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027826.D
Acq: 2 Jul 2017 19:51

Instrument :
BNA_G
ClientSampleId :
TP6-MH2098-COMP

Tgt Ion:152 Resp: 26258
Ion Ratio Lower Upper
152 100
150 146.8 114.0 171.0
115 57.2 48.1 72.1



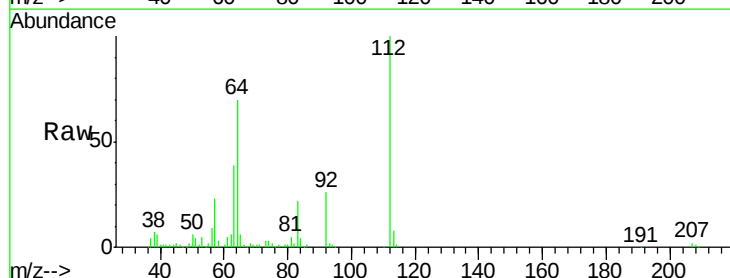
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



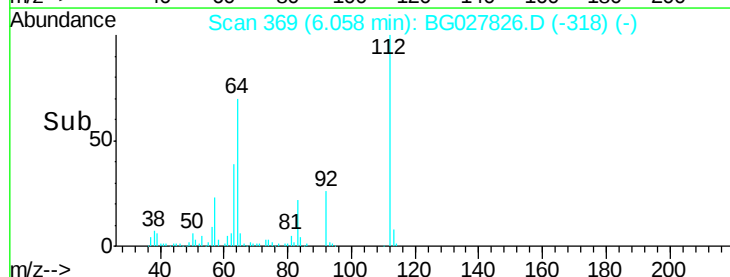
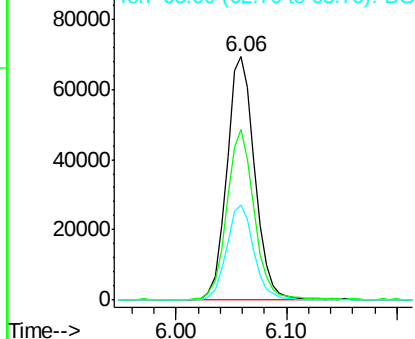
#5

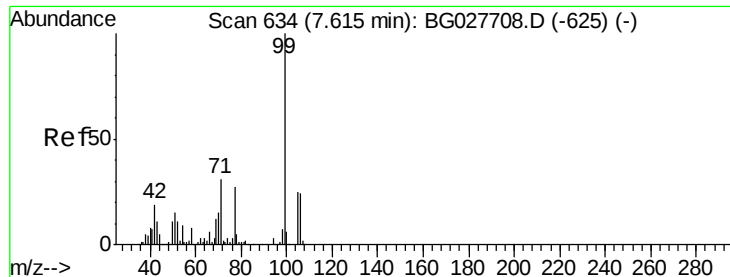
2-Fluorophenol
Concen: 72.050 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027826.D
Acq: 2 Jul 2017 19:51

Tgt Ion:112 Resp: 122858
Ion Ratio Lower Upper
112 100
64 69.9 61.8 92.6
63 39.1 37.2 55.8



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: 27.203 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027826.D

Acq: 2 Jul 2017 19:51

Instrument :

BNA_G

ClientSampleId :

TP6-MH2098-COMP

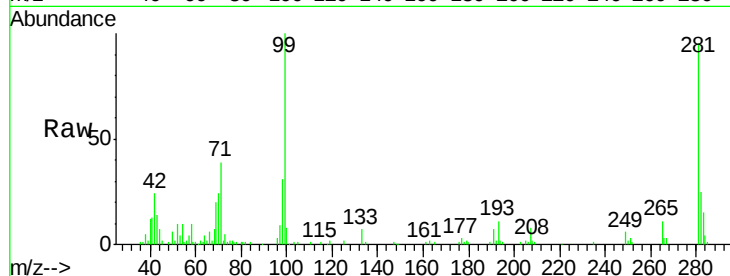
Tgt Ion: 99 Resp: 70863

Ion Ratio Lower Upper

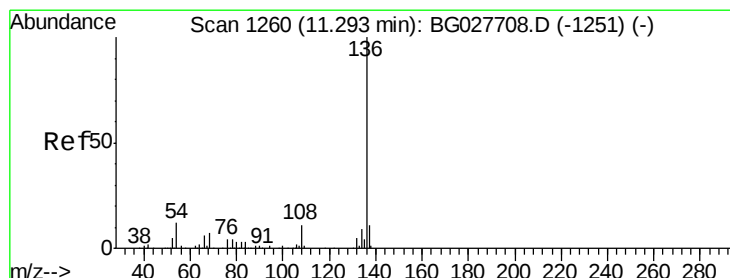
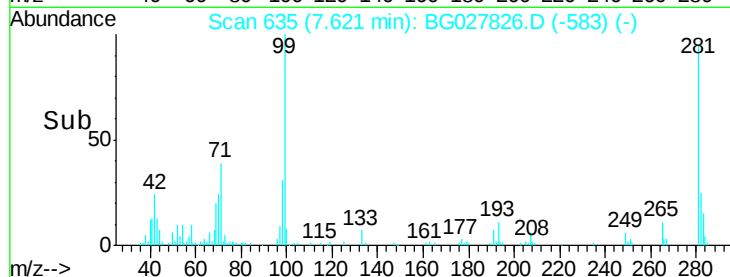
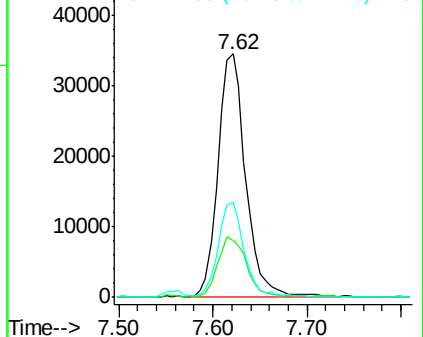
99 100

42 23.5 20.5 30.7

71 39.1 37.6 56.4



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: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027826.D

Acq: 2 Jul 2017 19:51

Tgt Ion: 136 Resp: 123622

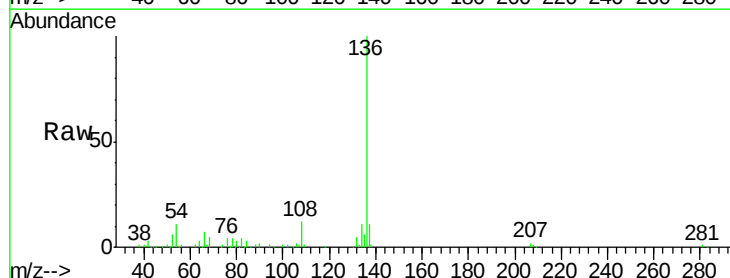
Ion Ratio Lower Upper

136 100

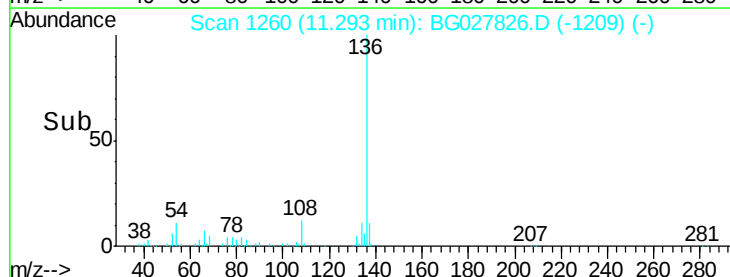
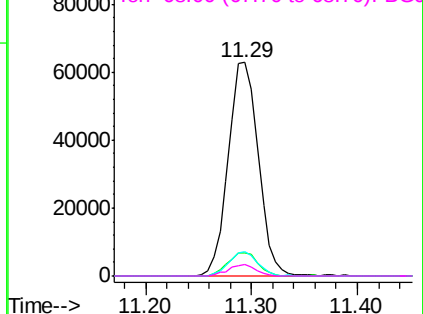
137 11.0 8.9 13.3

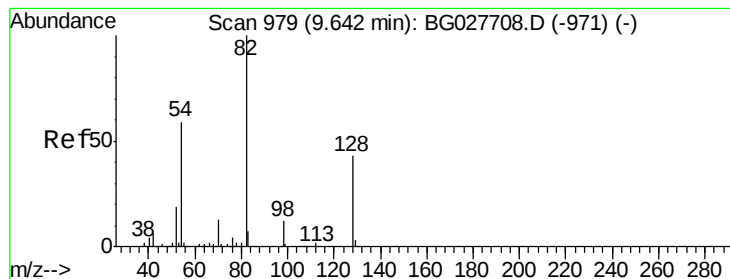
54 11.3 9.3 13.9

68 5.5 5.1 7.7



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: 54.412 ng

RT: 9.64 min Scan# 978

Delta R.T. -0.01 min

Lab File: BG027826.D

Acq: 2 Jul 2017 19:51

Instrument :

BNA_G

ClientSampleId :

TP6-MH2098-COMP

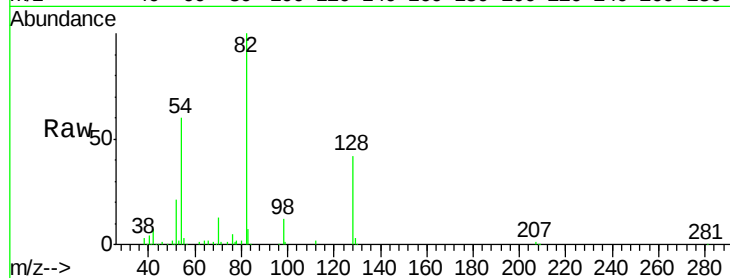
Tgt Ion: 82 Resp: 120675

Ion Ratio Lower Upper

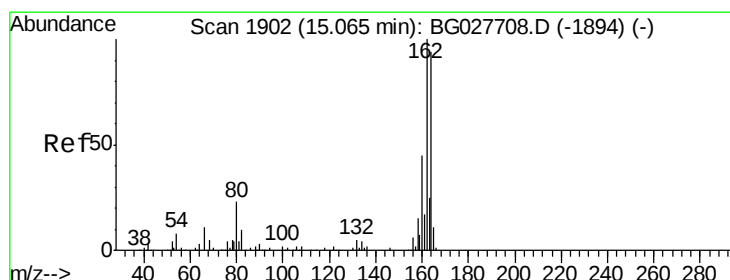
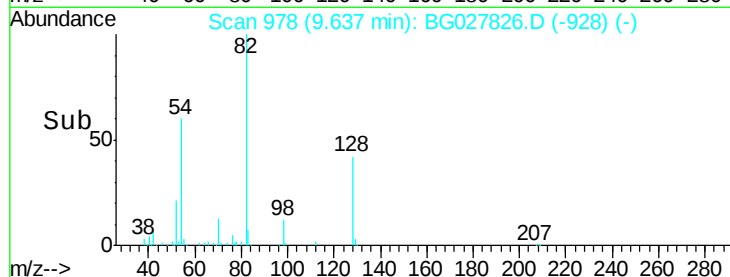
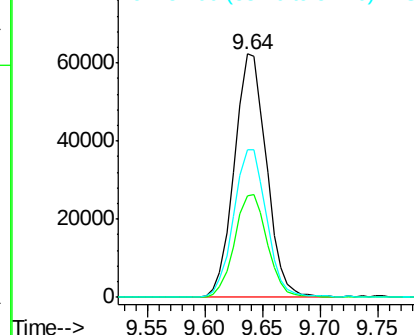
82 100

128 41.7 26.4 39.6#

54 60.4 49.4 74.2



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: 15.06 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG027826.D

Acq: 2 Jul 2017 19:51

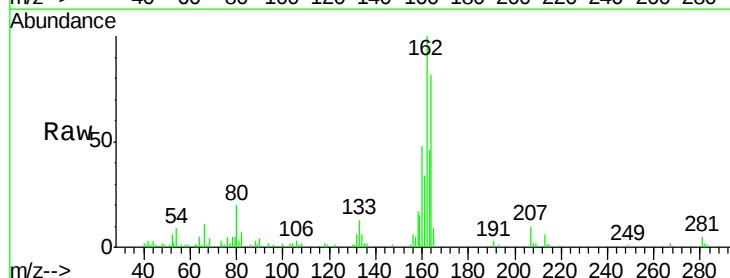
Tgt Ion: 164 Resp: 24384

Ion Ratio Lower Upper

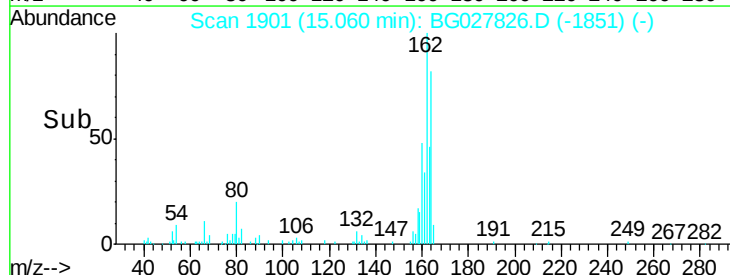
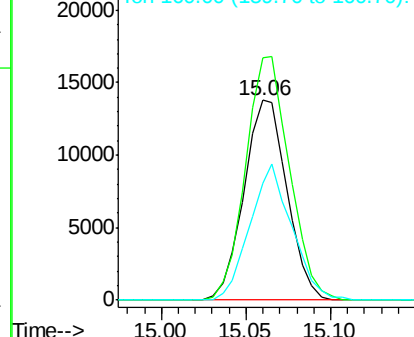
164 100

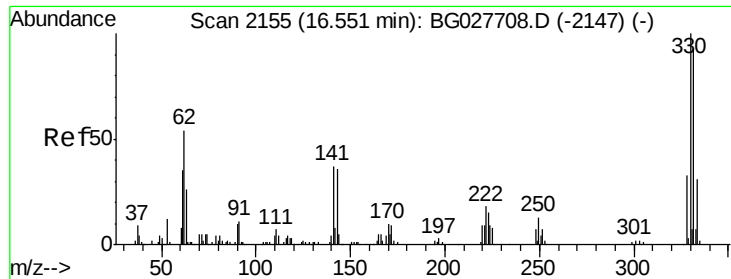
162 121.3 85.1 127.7

160 58.7 34.7 52.1#



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

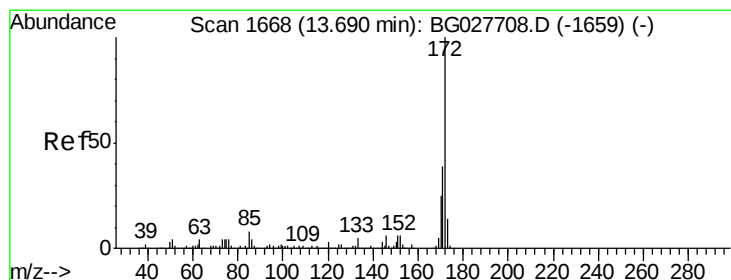
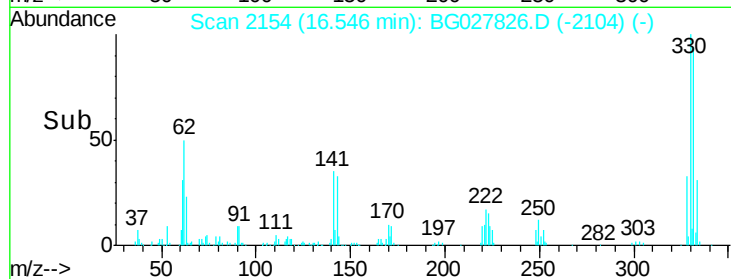
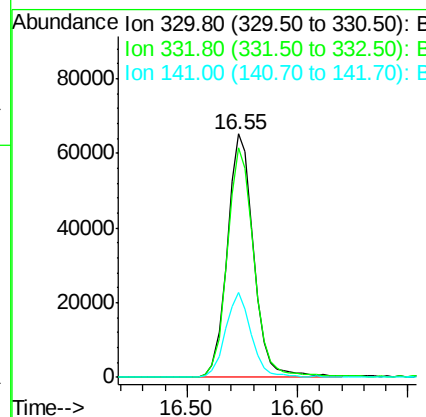
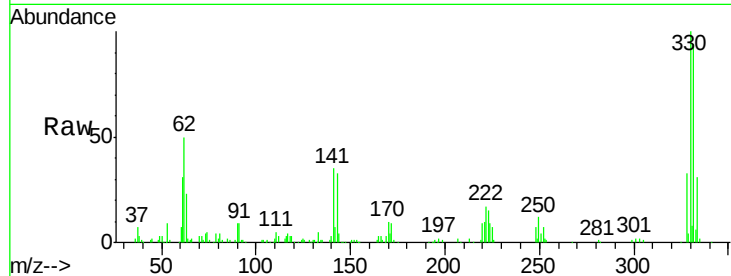




#41
 2,4,6-Tribromophenol
 Concen: 326.384 ng
 RT: 16.55 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG027826.D
 Acq: 2 Jul 2017 19:51

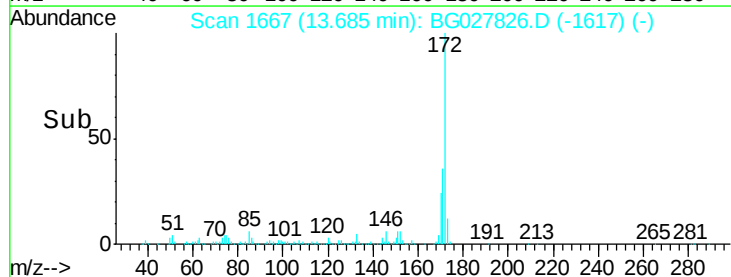
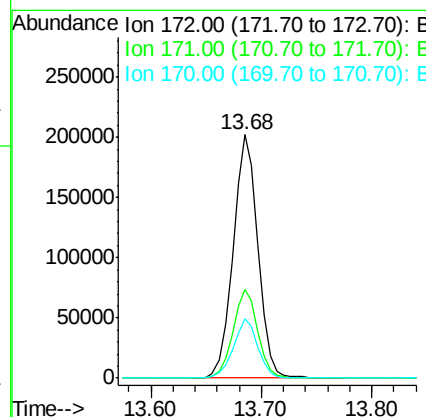
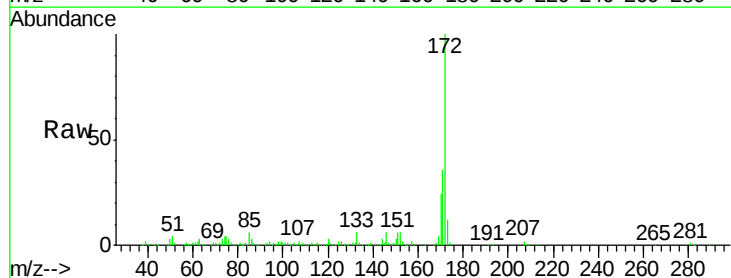
Instrument :
 BNA_G
 ClientSampleId :
 TP6-MH2098-COMP

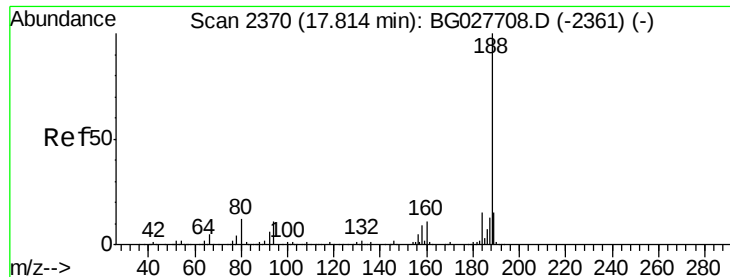
Tgt Ion:330 Resp: 109160
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 34.2 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 185.739 ng
 RT: 13.68 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG027826.D
 Acq: 2 Jul 2017 19:51

Tgt Ion:172 Resp: 317124
 Ion Ratio Lower Upper
 172 100
 171 36.5 32.2 48.2
 170 24.4 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.81 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BG027826.D

Acq: 2 Jul 2017 19:51

Instrument :

BNA_G

ClientSampleId :

TP6-MH2098-COMP

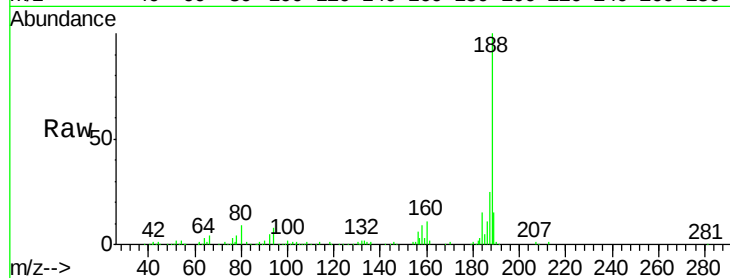
Tgt Ion:188 Resp: 149898

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.8

80 9.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

120000

100000

80000

60000

40000

20000

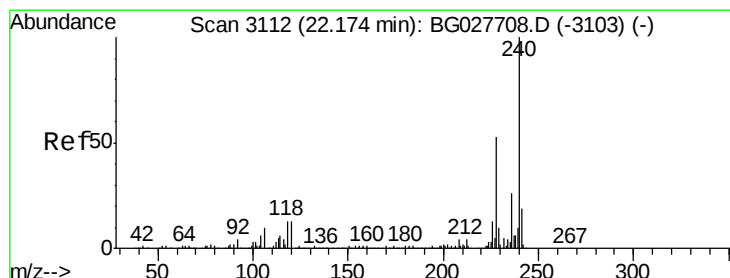
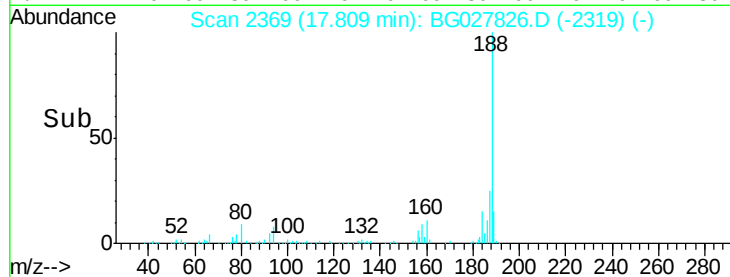
0

17.81

17.80

17.90

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.18 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BG027826.D

Acq: 2 Jul 2017 19:51

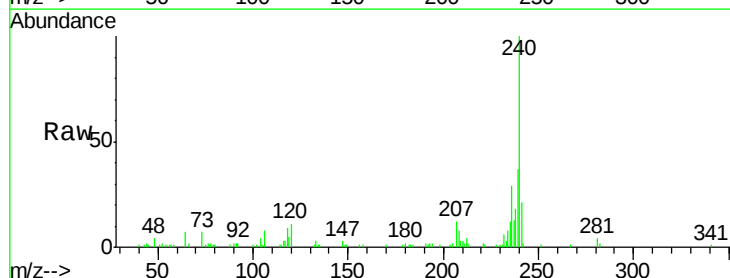
Tgt Ion:240 Resp: 58470

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

236 28.5 22.2 33.4



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

25000

20000

15000

10000

5000

0

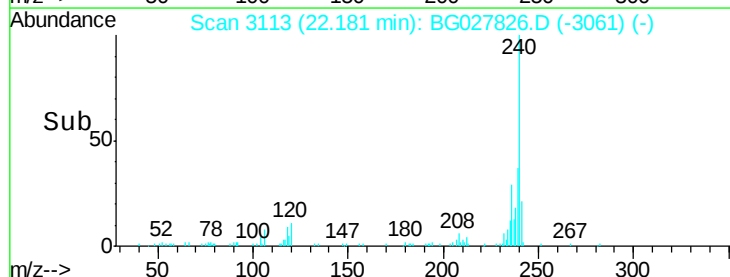
22.18

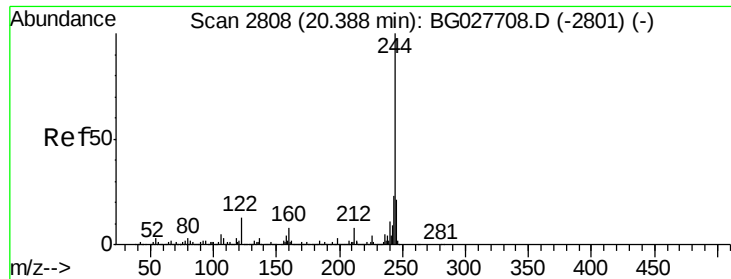
22.10

22.20

22.30

Time-->





#78

Terphenyl-d14

Concen: 180.886 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027826.D

Acq: 2 Jul 2017 19:51

Instrument :

BNA_G

ClientSampleId :

TP6-MH2098-COMP

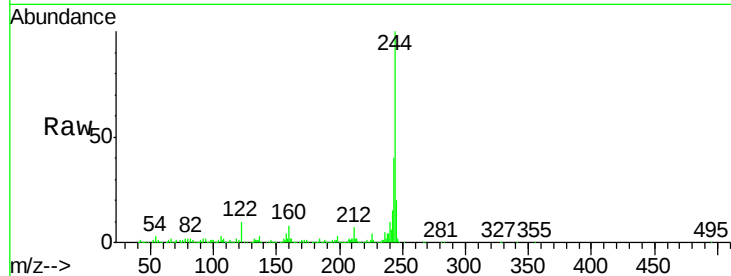
Tgt Ion:244 Resp: 451141

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

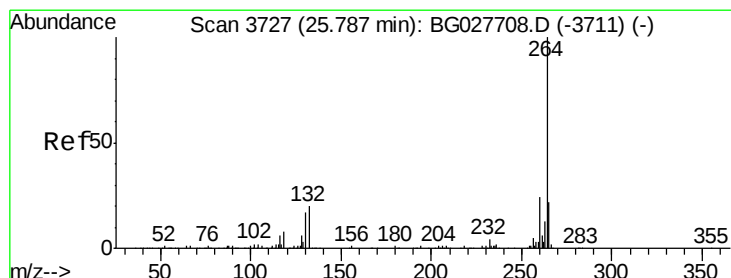
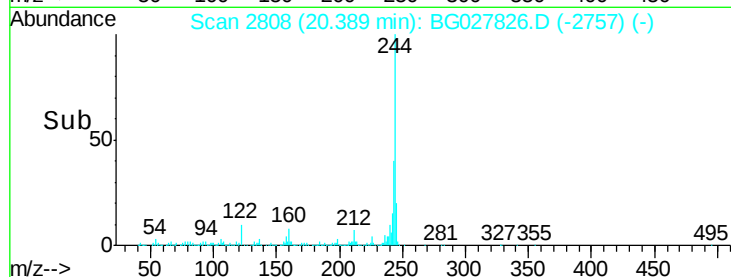
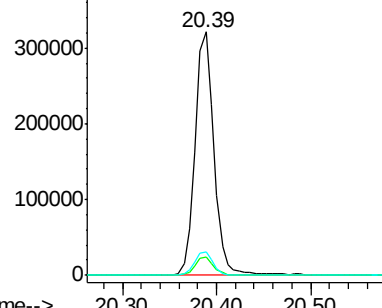
122 9.8 8.6 12.8



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: 25.82 min Scan# 3733

Delta R.T. 0.04 min

Lab File: BG027826.D

Acq: 2 Jul 2017 19:51

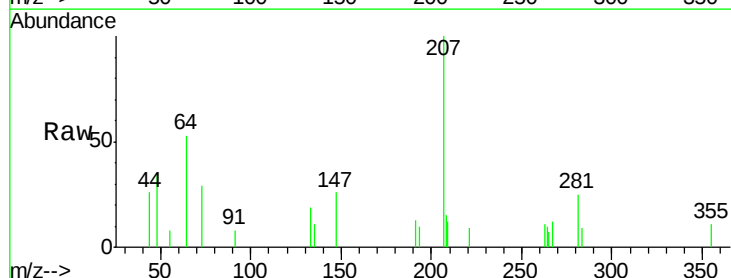
Tgt Ion:264 Resp: 263

Ion Ratio Lower Upper

264 100

260 0.0 21.8 32.8#

265 68.5 18.2 27.4#



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

