

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025453.D
 Acq On : 10 Jan 2017 11:56
 Operator : UM/SJ
 Sample : I1055-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-12

Quant Time: Jan 10 13:22:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57182	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	236224	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	237717	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	458647	20.00	ng	0.00
75) Chrysene-d12	21.86	240	612431	20.00	ng	0.00
86) Perylene-d12	25.27	264	656512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	225047	71.54	ng	0.00
7) Phenol-d6	7.36	99	201029	45.37	ng	0.00
23) Nitrobenzene-d5	9.38	82	555770	103.94	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	515426	134.68	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1172063	79.82	ng	0.00
78) Terphenyl-d14	20.15	244	2085620	90.29	ng	0.00

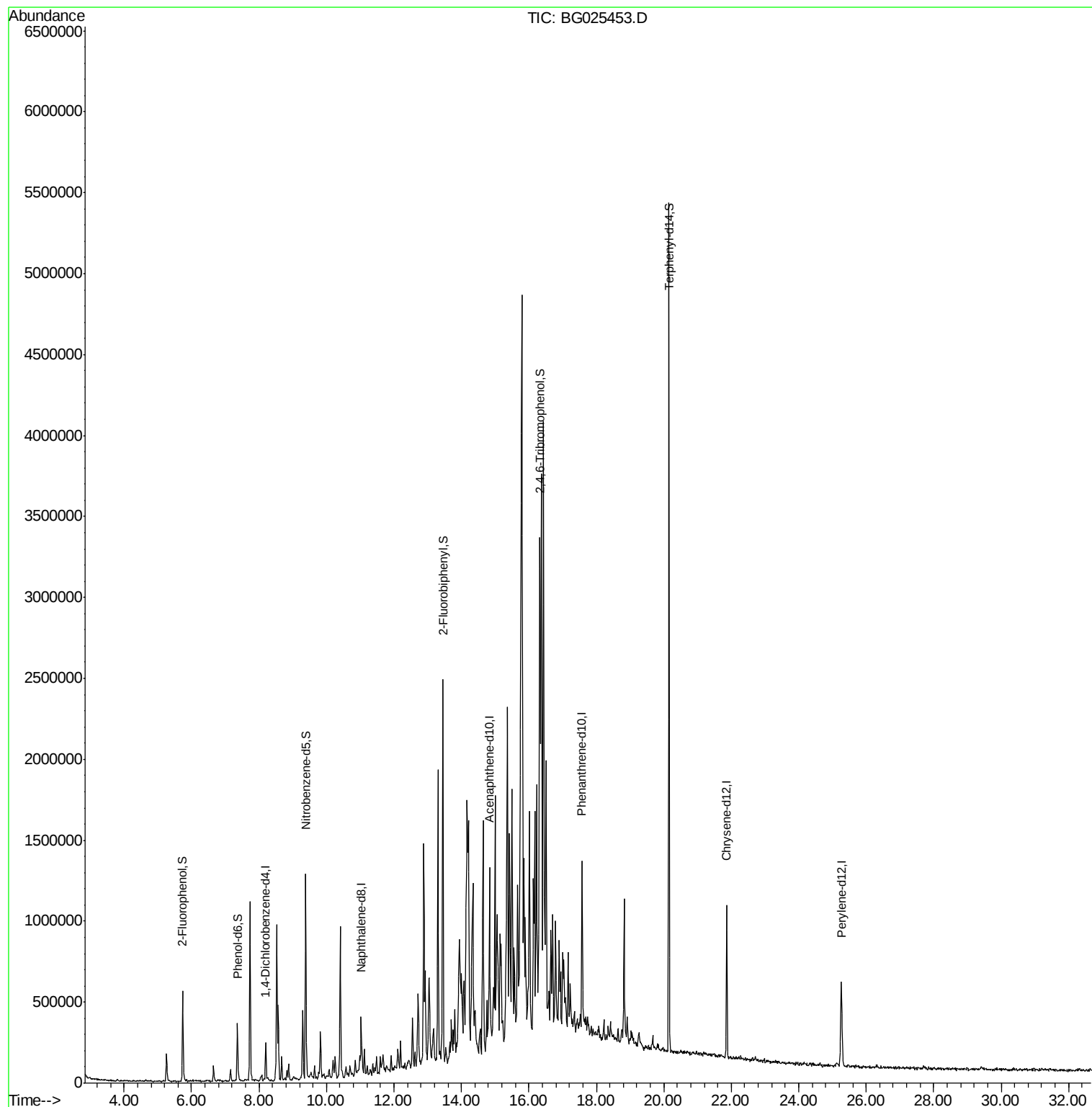
Target Compounds Qvalue

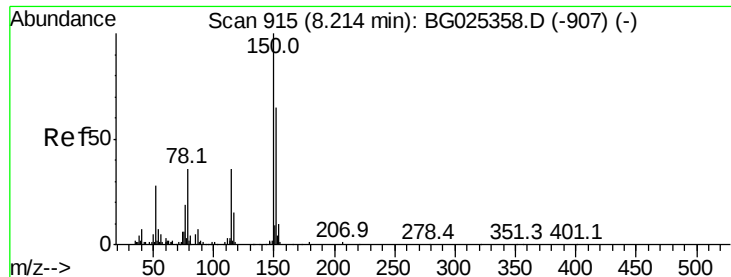
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

BNA_G

ClientSampleId :

W-12

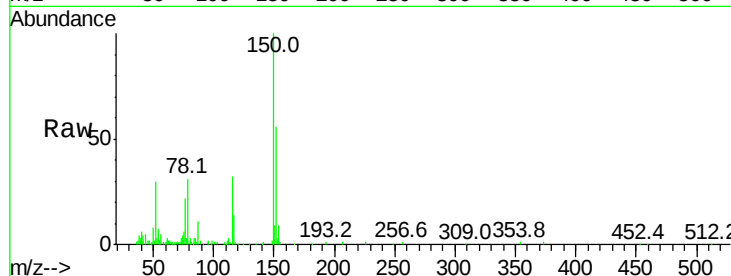
Tot Ion:152 Resp: 57182

Ion Ratio Lower Upper

152 100

150 177.2 114.0 171.0#

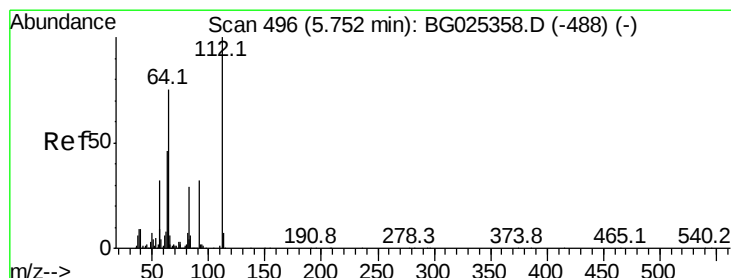
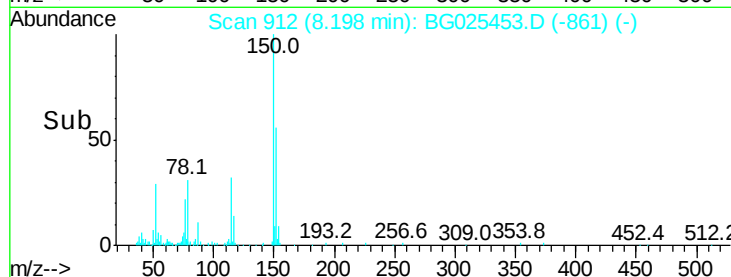
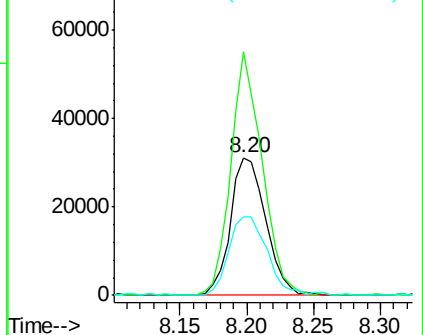
115 57.1 48.1 72.1



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: 71.54 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

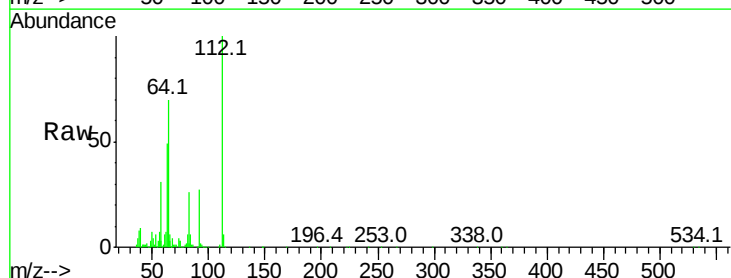
Tgt Ion:112 Resp: 225047

Ion Ratio Lower Upper

112 100

64 70.3 61.8 92.6

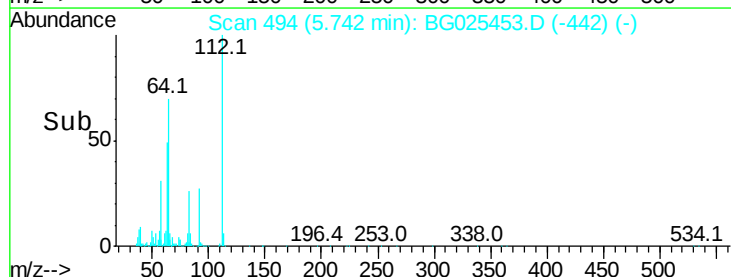
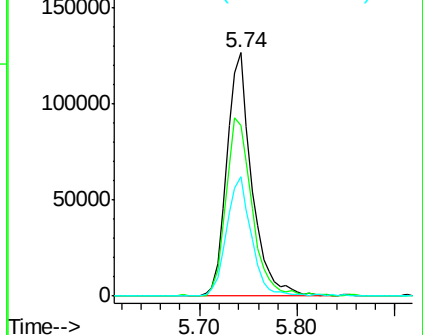
63 48.9 37.2 55.8

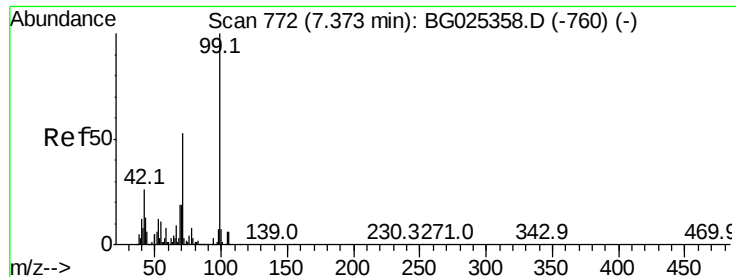


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.37 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

BNA_G

ClientSampleId :

W-12

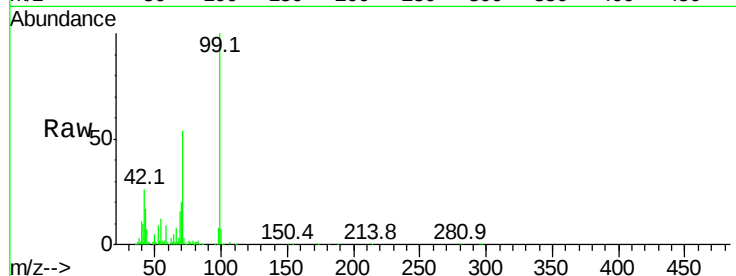
Tot Ion: 99 Resp: 201029

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

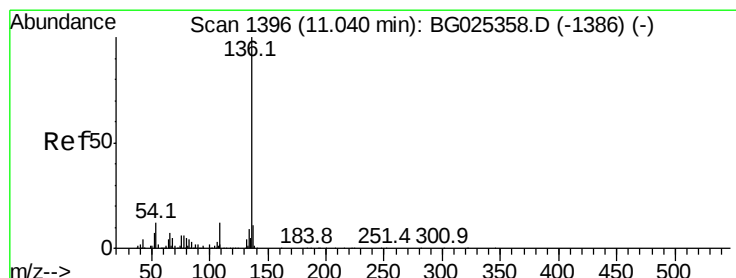
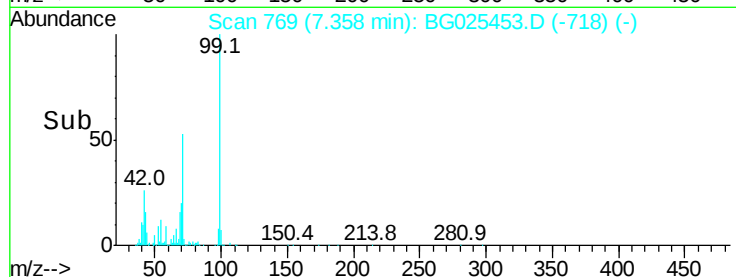
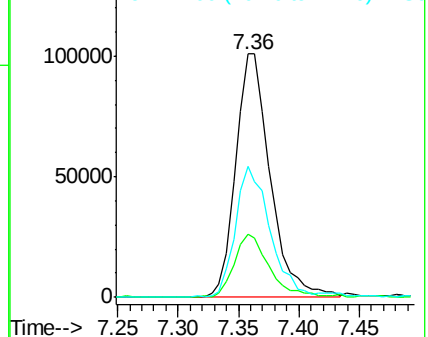
71 53.7 37.6 56.4



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: 20.00 ng

RT: 11.02 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Tgt Ion: 136 Resp: 236224

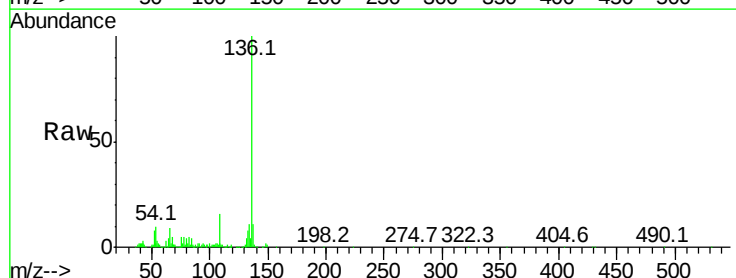
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.3 9.3 13.9

68 5.4 5.1 7.7

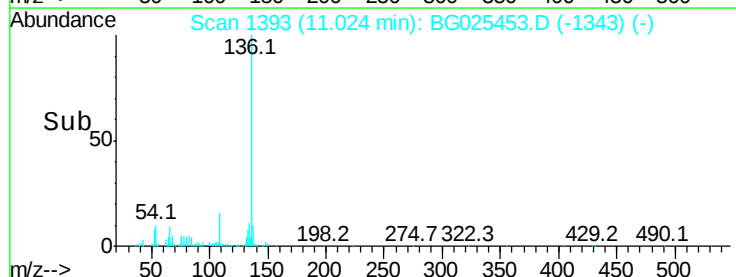
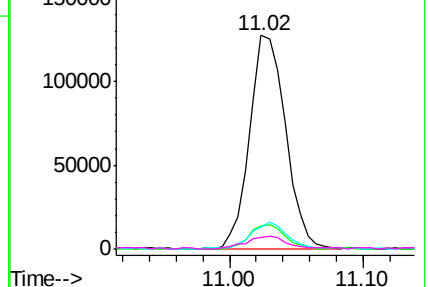


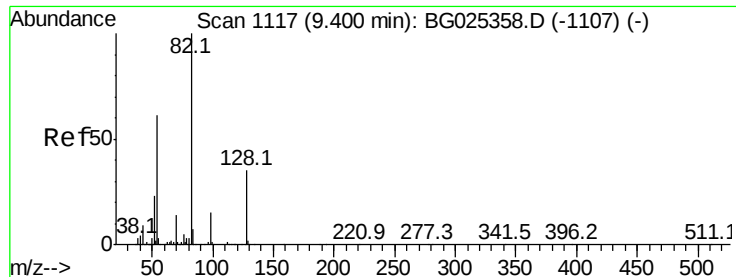
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

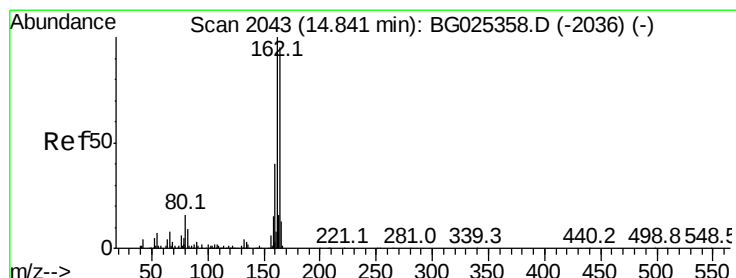
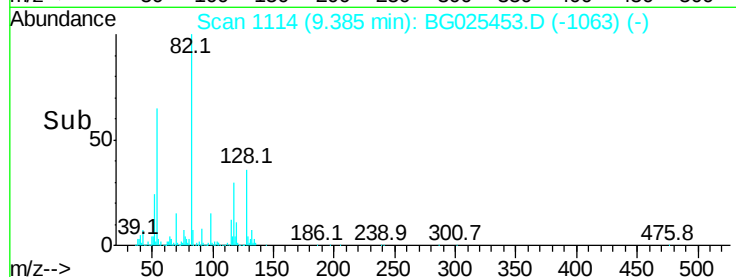
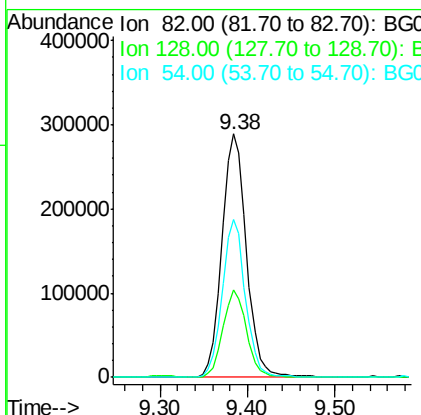
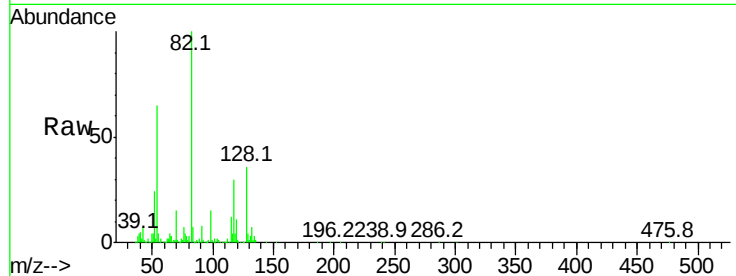




#23
 Nitrobenzene-d5
 Concen: 103.94 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG025453.D
 Acq: 10 Jan 2017 11:56

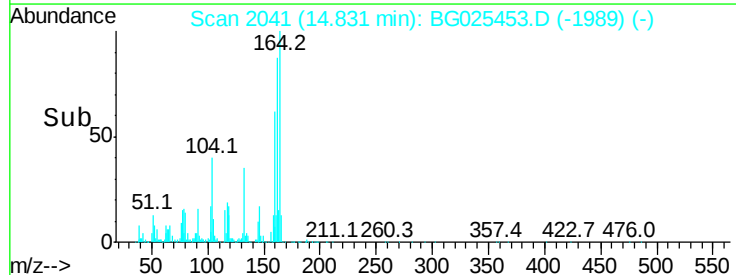
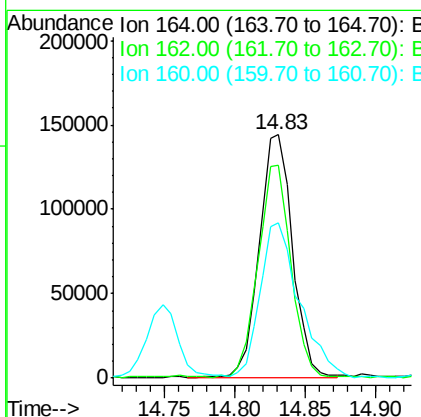
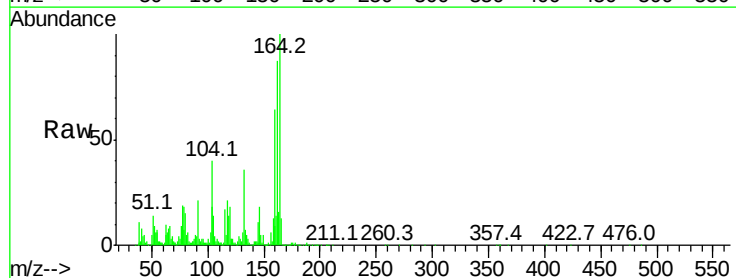
Instrument :
 BNA_G
 ClientSampleId :
 W-12

Tot Ion	82	Resp	555770
Ion Ratio	100	Lower	Upper
128	35.8	26.4	39.6
54	64.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BG025453.D
 Acq: 10 Jan 2017 11:56

Tgt Ion	164	Resp	237717
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	87.2	85.1	127.7
160	63.6	34.7	52.1#

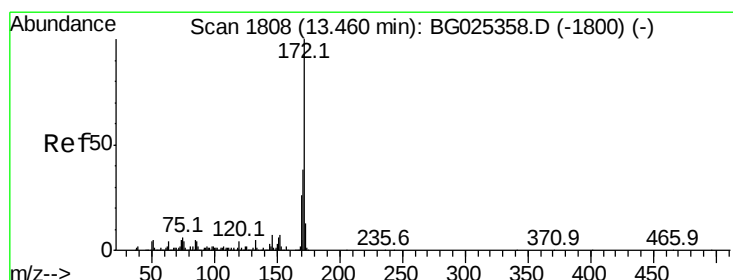
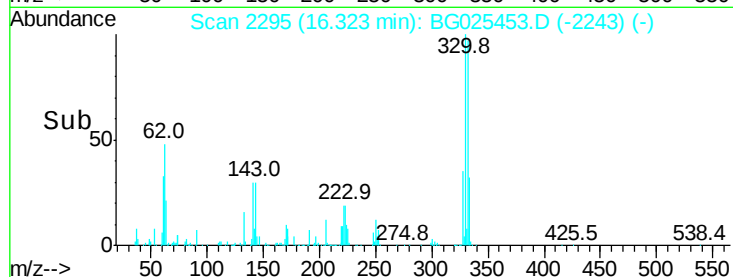
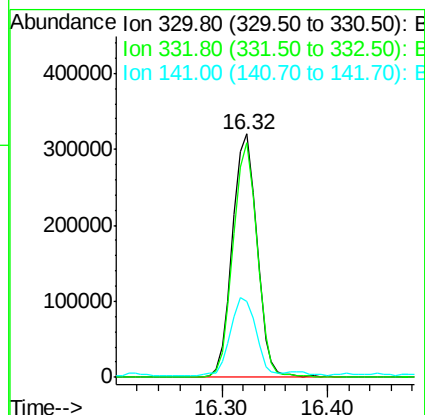
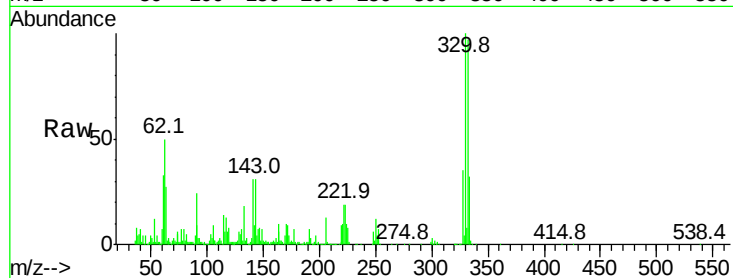




#41
 2,4,6-Tribromophenol
 Concen: 134.68 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BG025453.D
 Acq: 10 Jan 2017 11:56

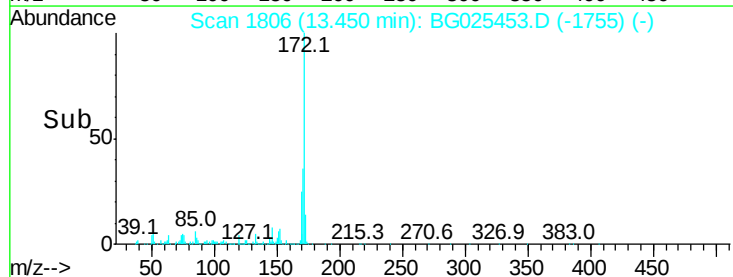
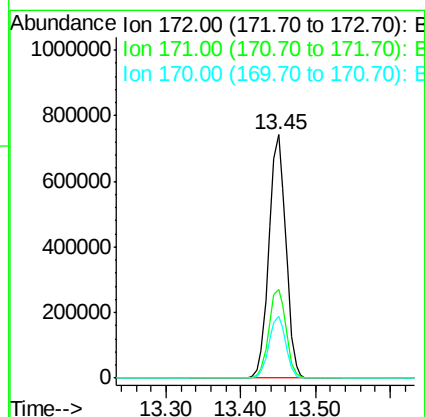
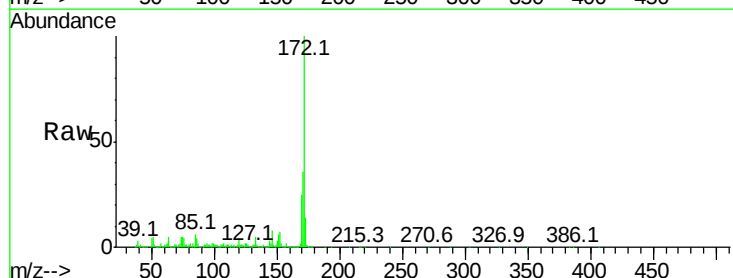
Instrument :
 BNA_G
 ClientSampleId :
 W-12

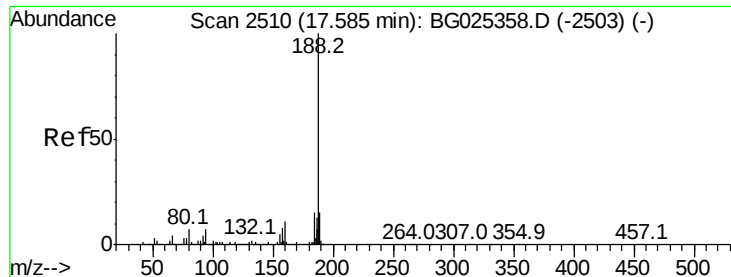
Tot Ion:330 Resp: 515426
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.3 115.9
 141 33.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 79.82 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG025453.D
 Acq: 10 Jan 2017 11:56

Tgt Ion:172 Resp: 1172063
 Ion Ratio Lower Upper
 172 100
 171 36.5 32.2 48.2
 170 25.2 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

BNA_G

ClientSampleId :

W-12

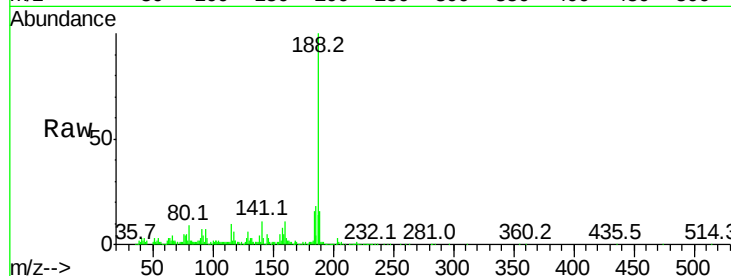
Tot Ion:188 Resp: 458647

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

80 8.6 7.5 11.3



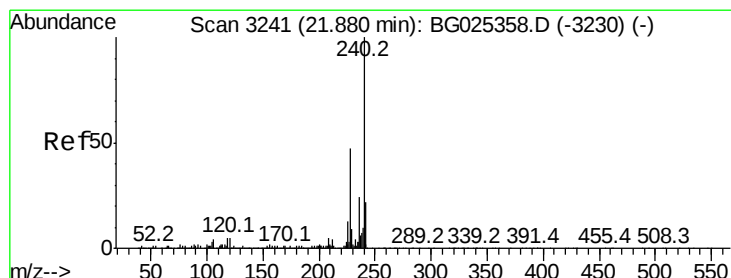
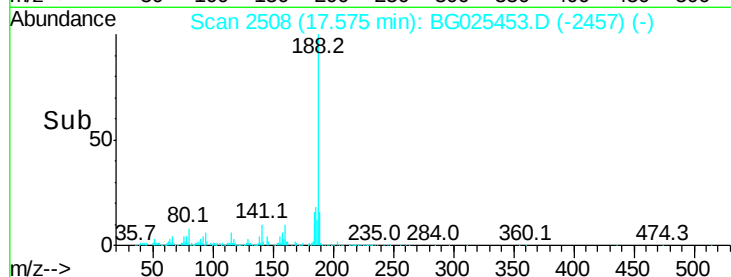
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

17.57

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

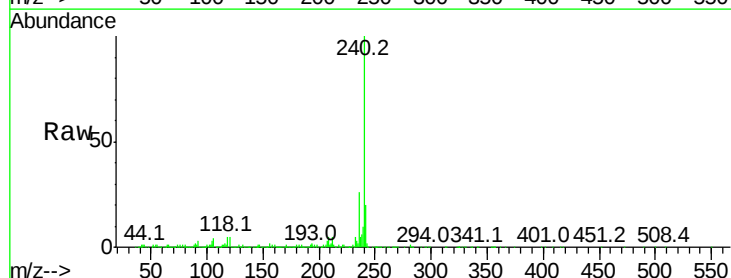
Tgt Ion:240 Resp: 612431

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

236 25.9 22.2 33.4



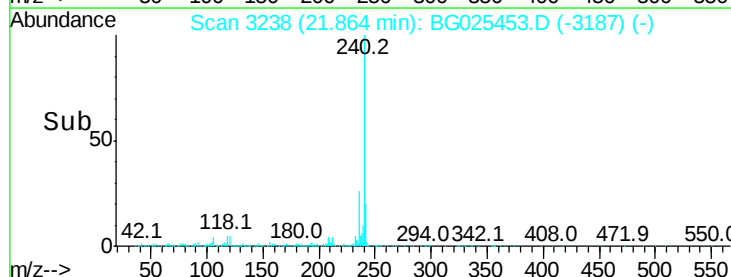
Abundance Ion 240.00 (239.70 to 240.70): E

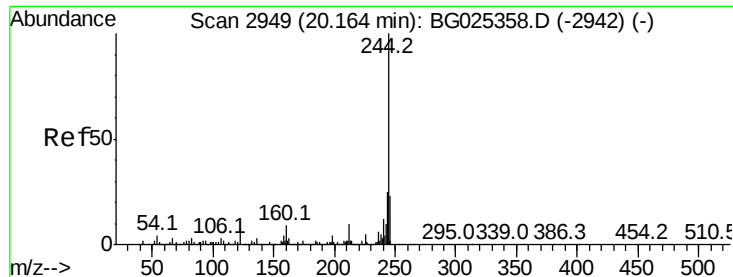
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.86

Time-->





#78

Terphenyl-d14

Concen: 90.29 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

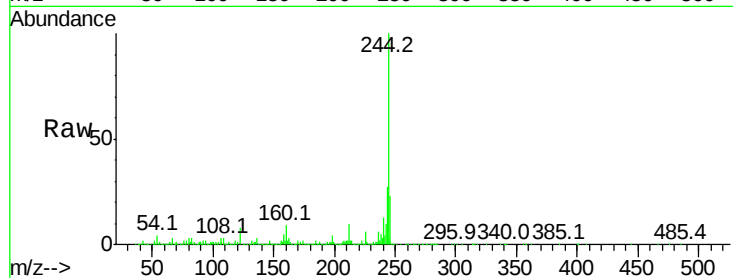
BNA_G

ClientSampleId :

W-12

Tot Ion:244 Resp: 2085620

Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.0	15.0
122	7.9	8.6	12.8#

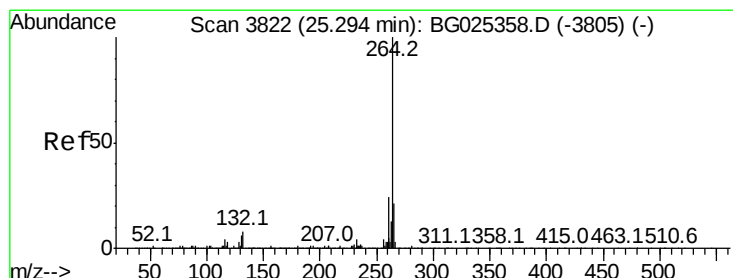
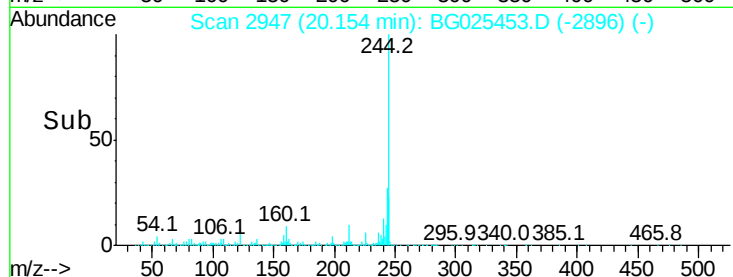
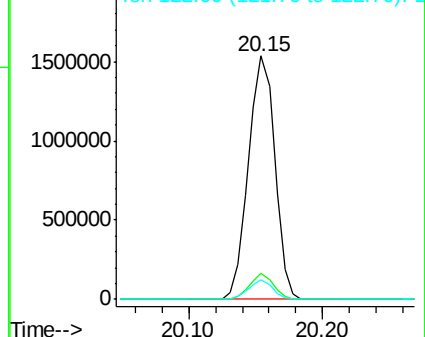


Abundance

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: 20.00 ng

RT: 25.27 min Scan# 3817

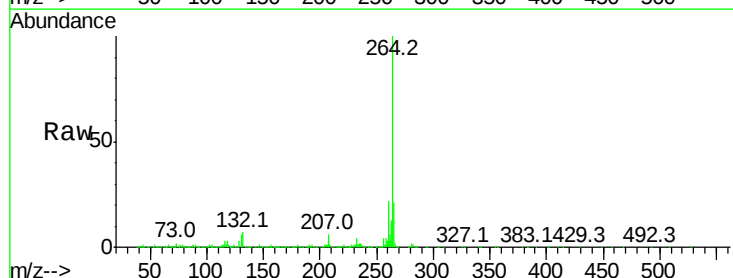
Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Tgt Ion:264 Resp: 656512

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	21.4	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

