

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025468.D
 Acq On : 11 Jan 2017 1:36
 Operator : UM/SJ
 Sample : I1077-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-16

Quant Time: Jan 11 06:35:11 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

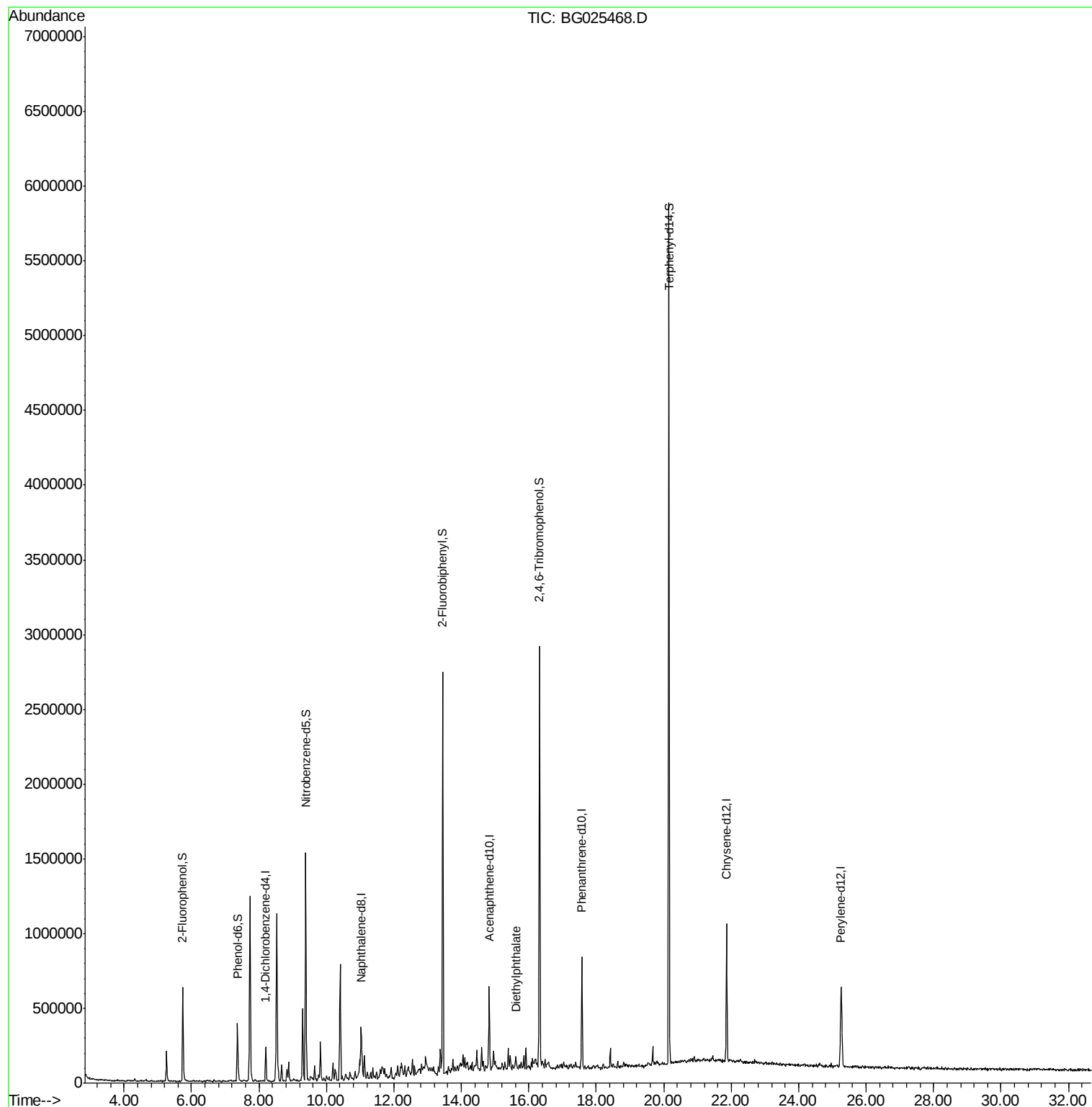
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	56779	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	237244	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	202411	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	441559	20.00	ng	0.00
75) Chrysene-d12	21.86	240	629003	20.00	ng	0.00
86) Perylene-d12	25.26	264	663882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	252231	80.75	ng	0.00
7) Phenol-d6	7.36	99	218556	49.68	ng	0.00
23) Nitrobenzene-d5	9.38	82	617352	114.96	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	542393	166.44	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1304679	104.35	ng	0.00
78) Terphenyl-d14	20.15	244	2435806	102.68	ng	0.00
Target Compounds						
59) Diethylphthalate	15.62	149	32405	2.09	ng	Qvalue # 93

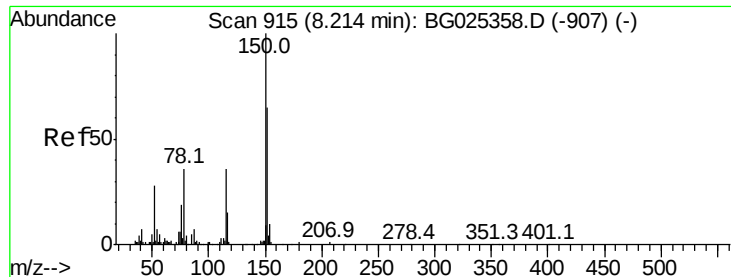
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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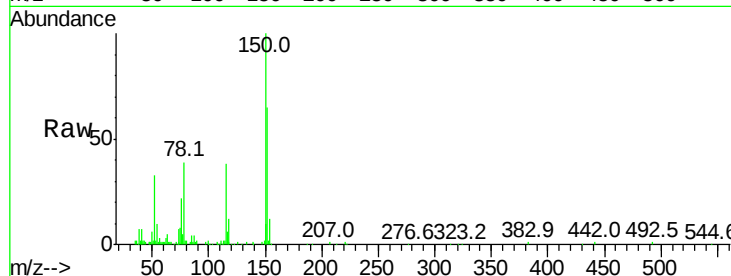


#1

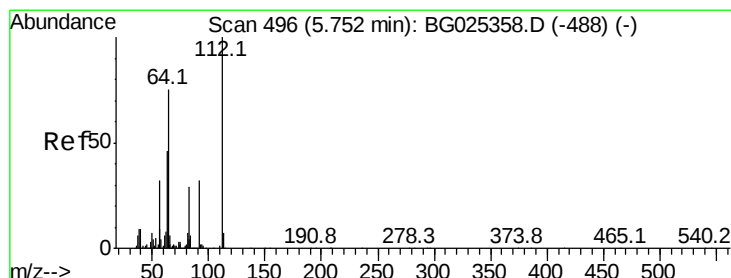
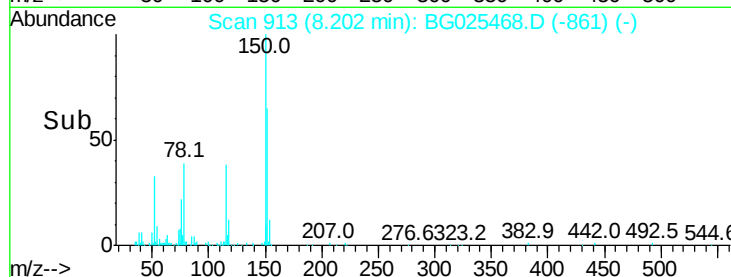
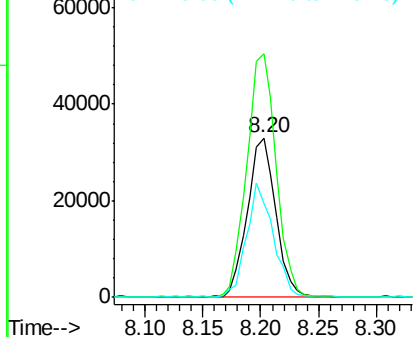
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG025468.D
Acq: 11 Jan 2017 1:36

Instrument :
BNA_G
ClientSampleId :
W-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	114.0	171.0
115	58.7	48.1	72.1



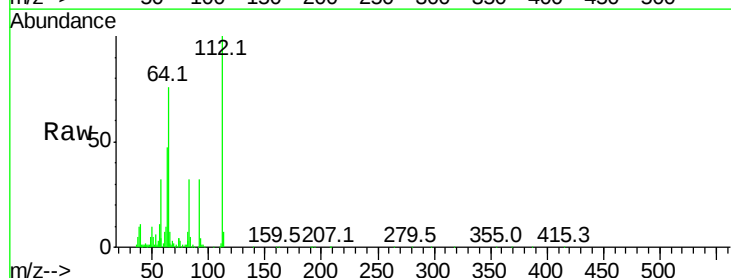
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



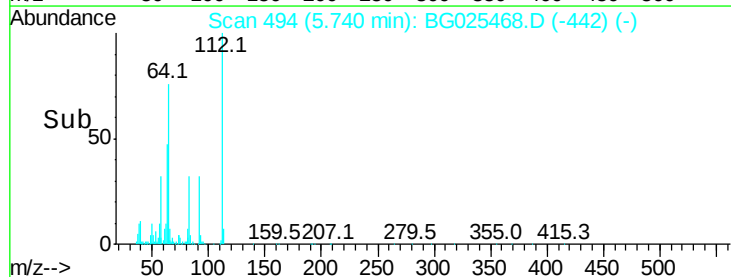
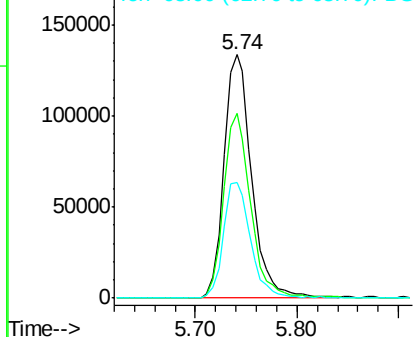
#5

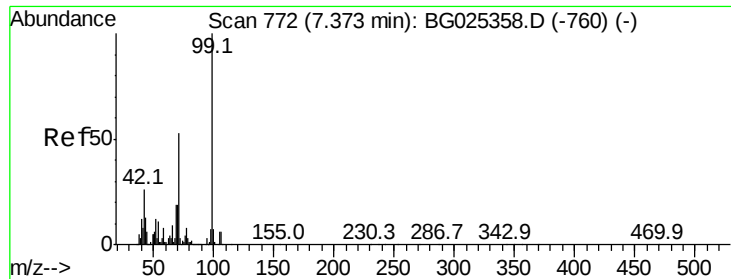
2-Fluorophenol
Concen: 80.75 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025468.D
Acq: 11 Jan 2017 1:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.0	61.8	92.6
63	47.3	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: 49.68 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

Instrument :

BNA_G

ClientSampled :

W-16

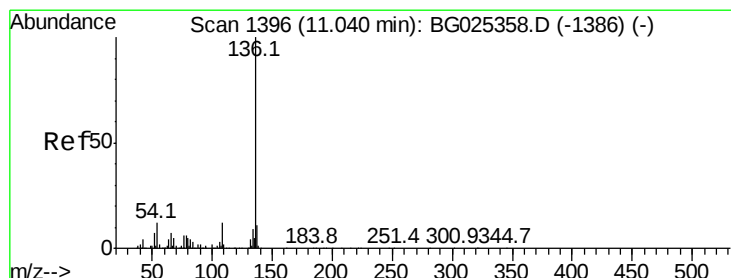
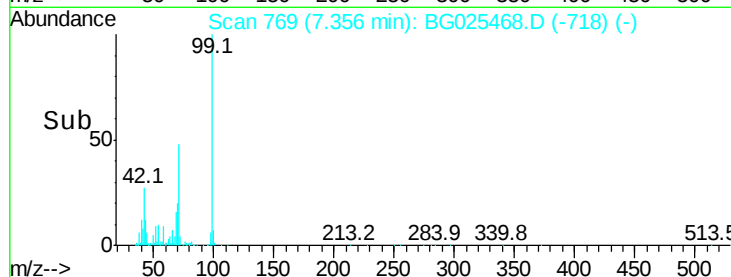
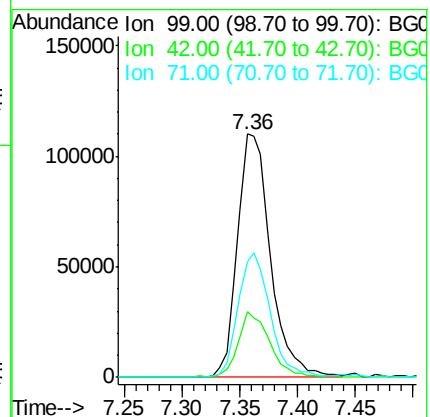
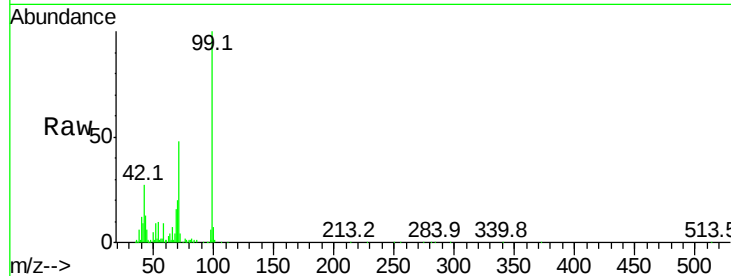
Tot Ion: 99 Resp: 218556

Ion Ratio Lower Upper

99 100

42 27.2 20.5 30.7

71 47.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

Tgt Ion: 136 Resp: 237244

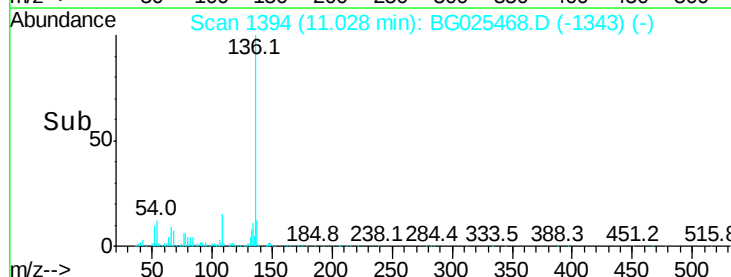
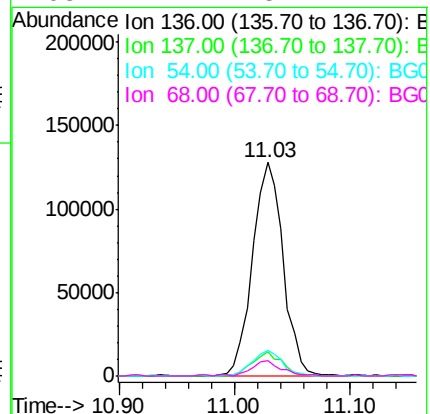
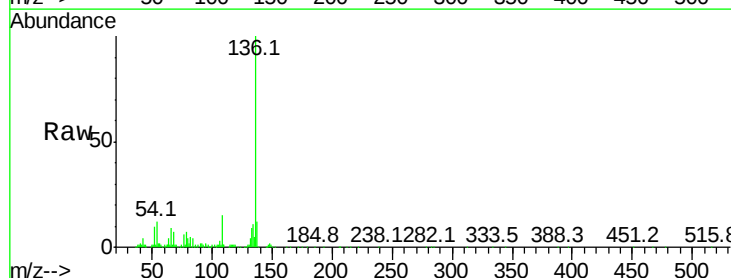
Ion Ratio Lower Upper

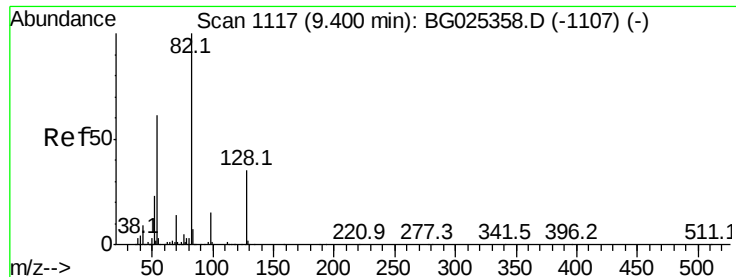
136 100

137 11.5 8.9 13.3

54 12.0 9.3 13.9

68 7.1 5.1 7.7





#23

Nitrobenzene-d5

Concen: 114.96 ng

RT: 9.38 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

Instrument :

BNA_G

ClientSampleId :

W-16

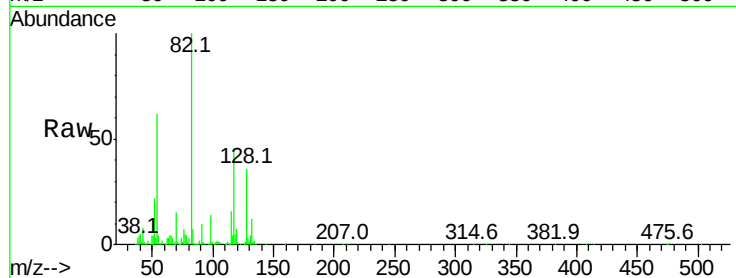
Tot Ion: 82 Resp: 617352

Ion Ratio Lower Upper

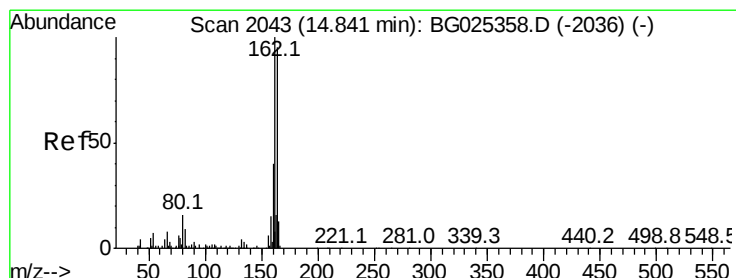
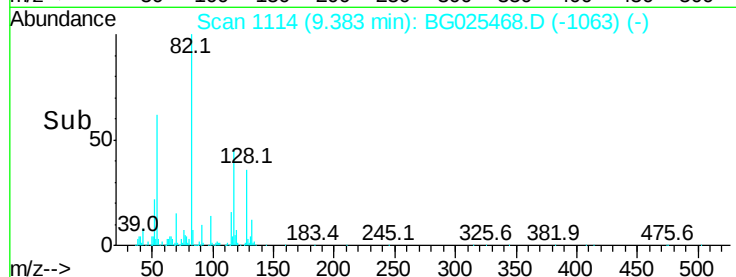
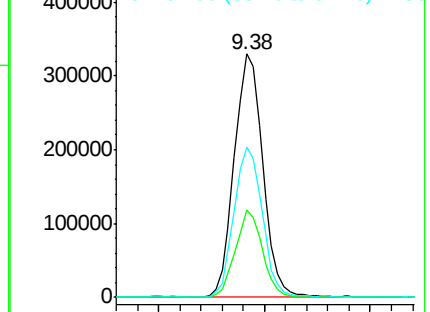
82 100

128 36.1 26.4 39.6

54 61.9 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: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

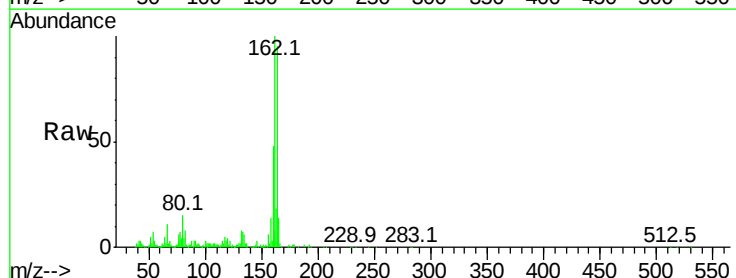
Tgt Ion: 164 Resp: 202411

Ion Ratio Lower Upper

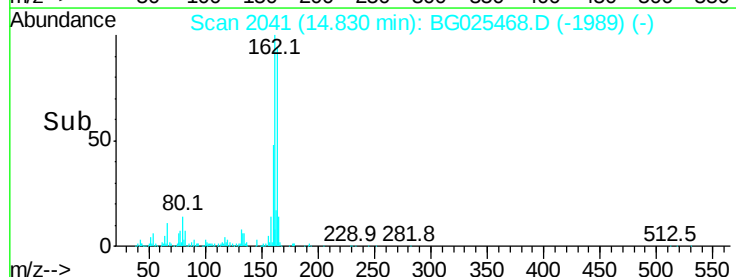
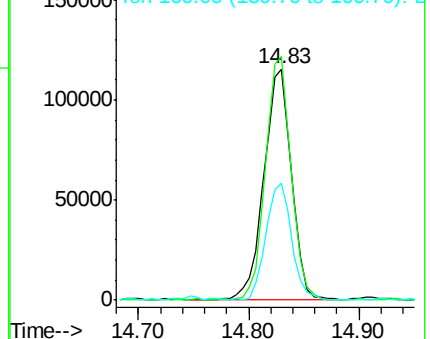
164 100

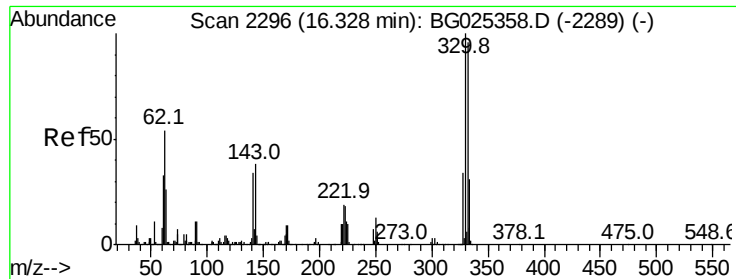
162 105.5 85.1 127.7

160 50.5 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

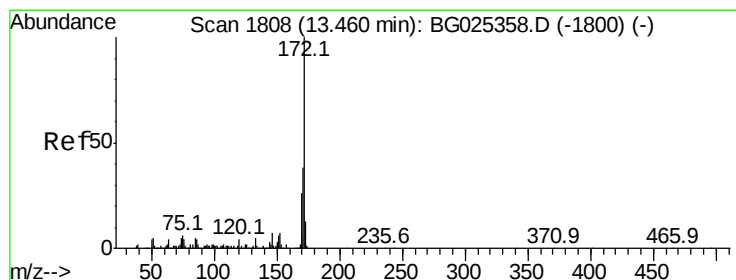
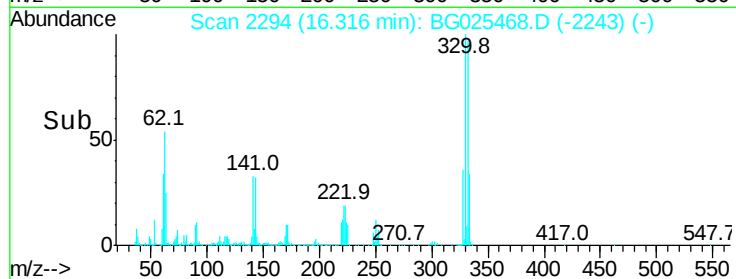
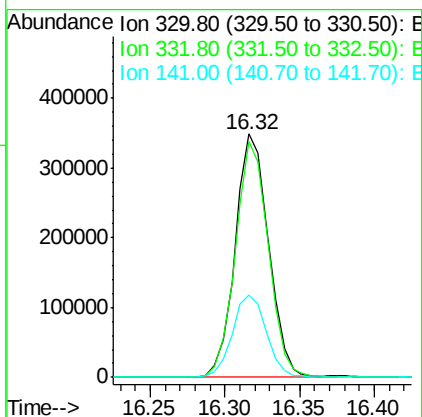
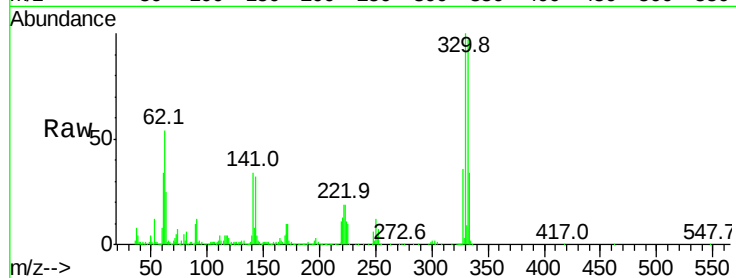




#41
 2,4,6-Tribromophenol
 Concen: 166.44 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025468.D
 Acq: 11 Jan 2017 1:36

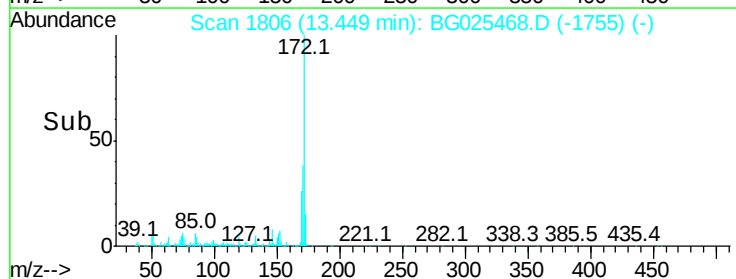
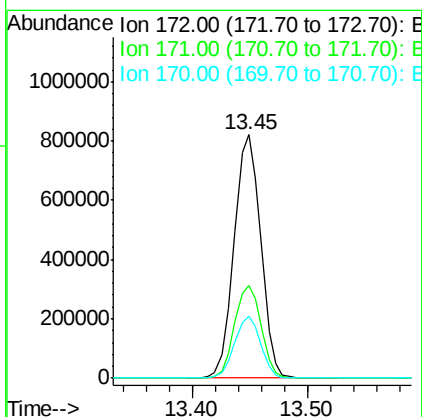
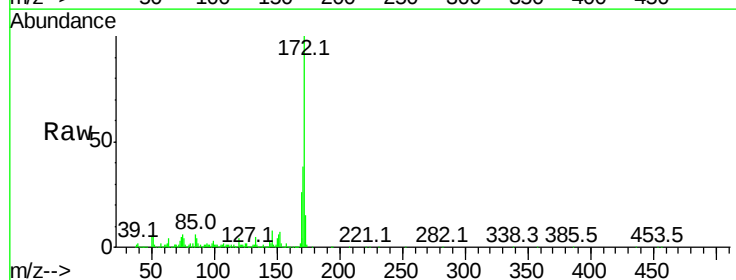
Instrument :
 BNA_G
 ClientSampleId :
 W-16

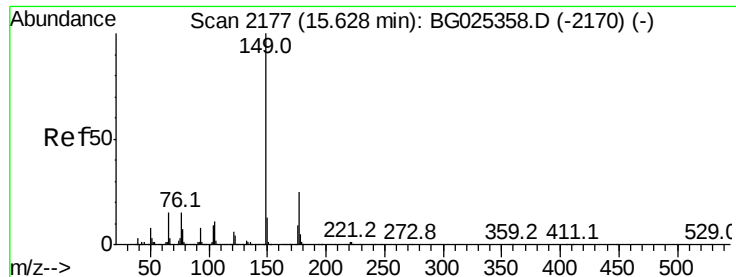
Tot Ion:330 Resp: 542393
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 34.5 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 104.35 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025468.D
 Acq: 11 Jan 2017 1:36

Tgt Ion:172 Resp: 1304679
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.2 48.2
 170 25.5 21.8 32.6





#59

Diethylphthalate

Concen: 2.09 ng

RT: 15.62 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

Instrument :

BNA_G

ClientSampleId :

W-16

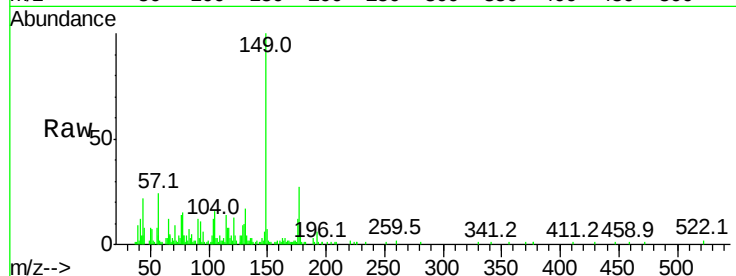
Tot Ion:149 Resp: 32405

Ion Ratio Lower Upper

149 100

177 27.0 20.1 30.1

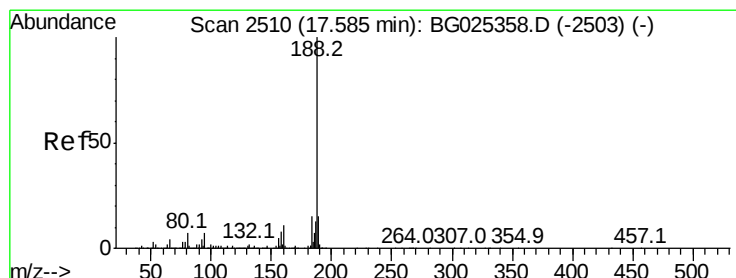
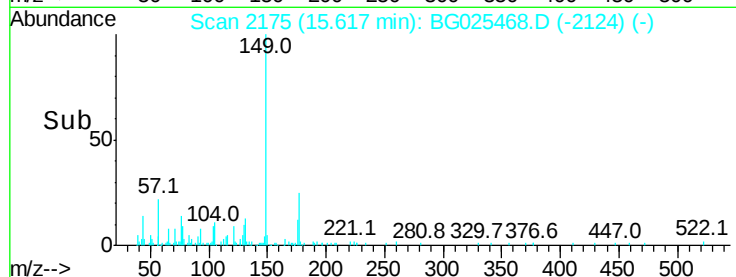
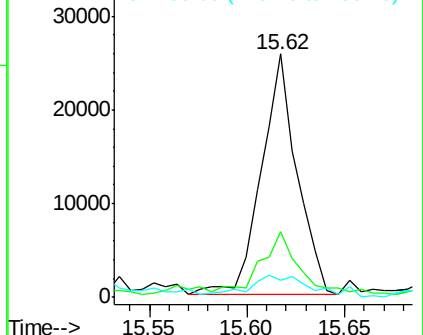
150 7.1 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

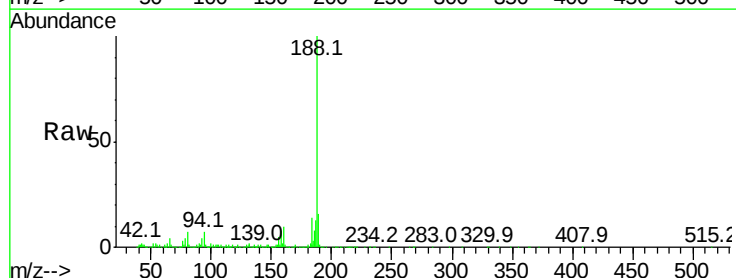
Tgt Ion:188 Resp: 441559

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.8

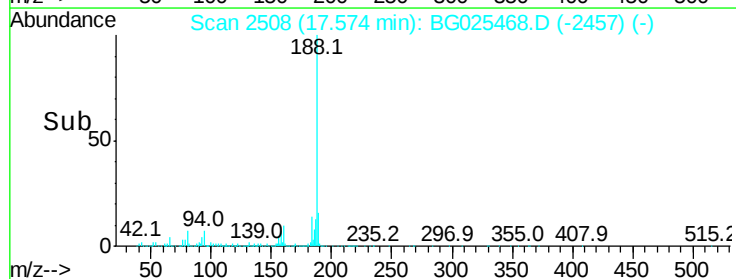
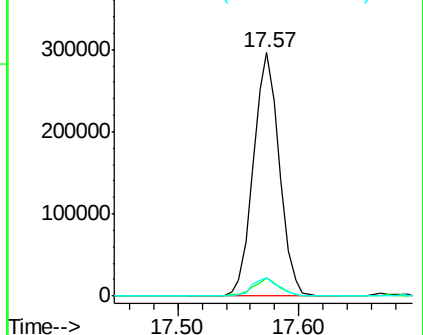
80 7.4 7.5 11.3#

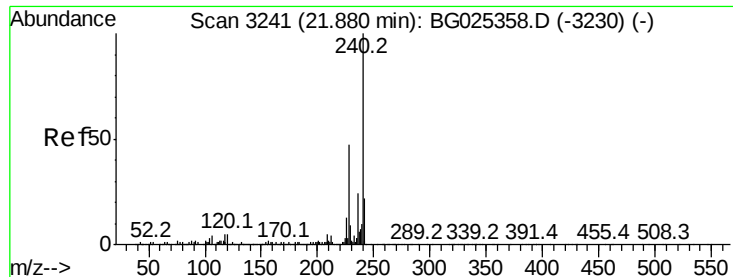


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

Instrument :

BNA_G

ClientSampled :

W-16

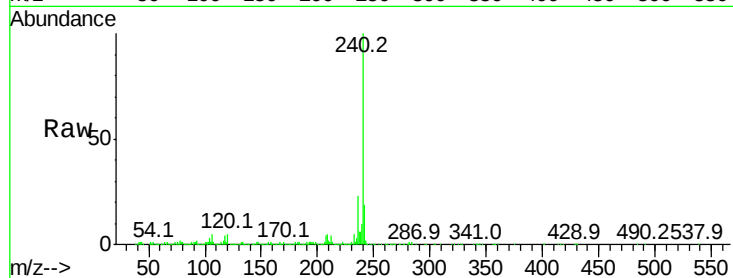
Tot Ion:240 Resp: 629003

Ion Ratio Lower Upper

240 100

120 4.8 5.7 8.5#

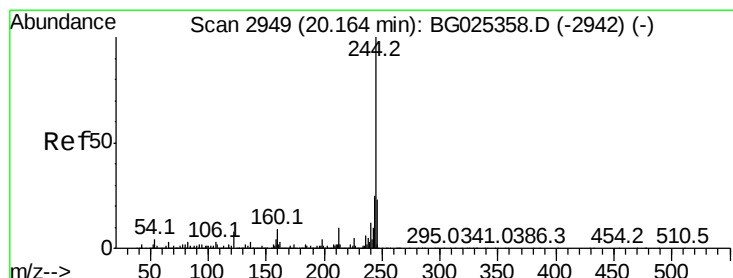
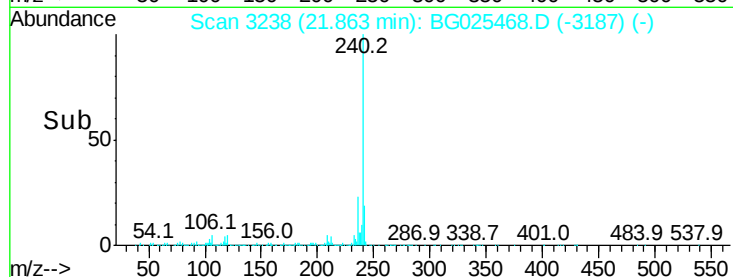
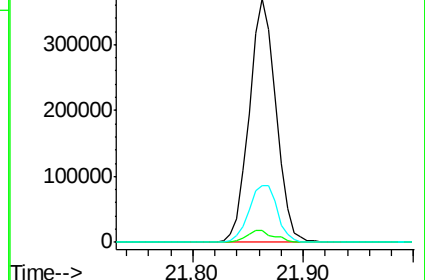
236 23.3 22.2 33.4



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



#78

Terphenyl-d14

Concen: 102.68 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

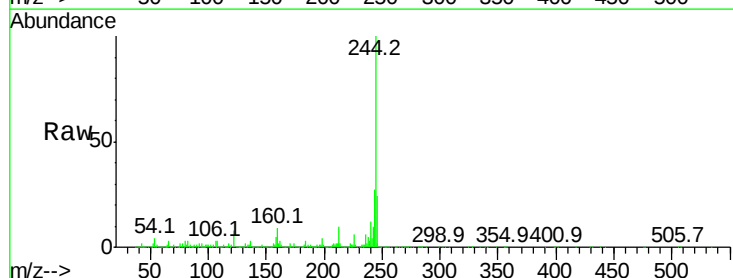
Tgt Ion:244 Resp: 2435806

Ion Ratio Lower Upper

244 100

212 10.2 10.0 15.0

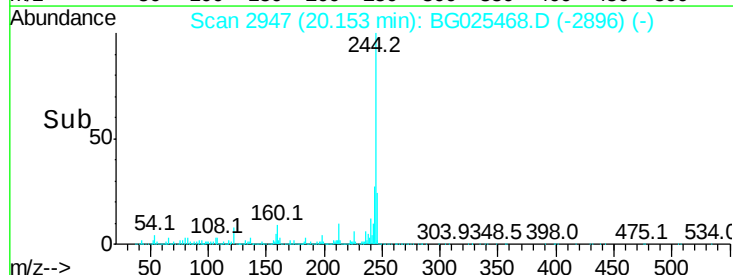
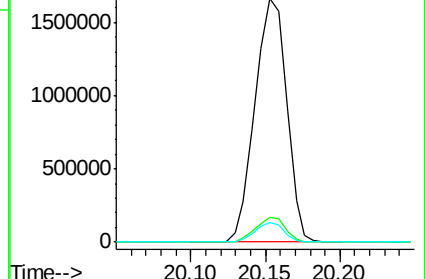
122 8.2 8.6 12.8#

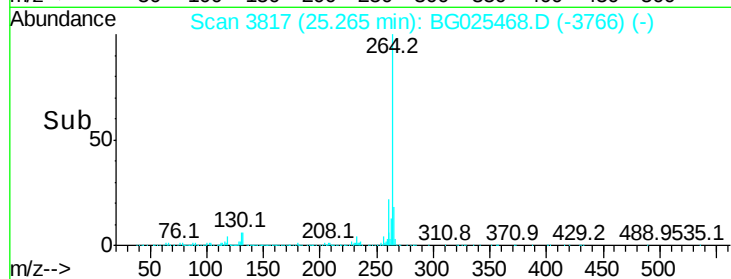
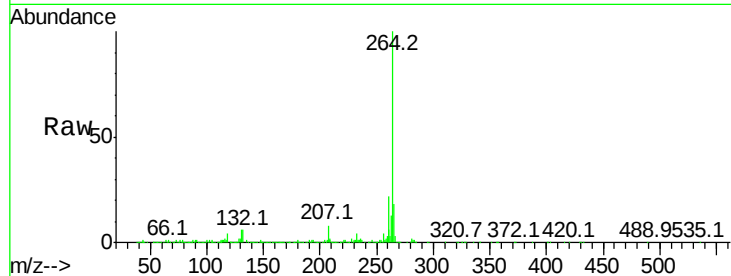
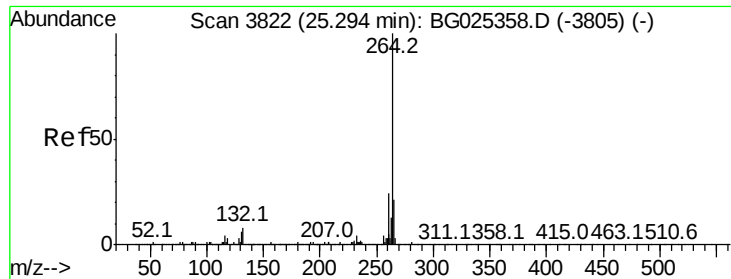


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.00 min

Lab File: BG025468.D

Acq: 11 Jan 2017 1:36

Instrument :

BNA_G

ClientSampleId :

W-16

Tot Ion: 264 Resp: 663882

Ion Ratio Lower Upper

264 100

260 21.5 21.8 32.8#

265 18.1 18.2 27.4#

