

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
 Data File : BG025508.D
 Acq On : 13 Jan 2017 8:16
 Operator : UM/SJ
 Sample : I1138-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jan 13 12:57:16 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	59099	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	237222	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	198136	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	443441	20.00	ng	0.00
75) Chrysene-d12	21.86	240	630005	20.00	ng	0.00
86) Perylene-d12	25.26	264	675128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	262107	80.61	ng	0.00
7) Phenol-d6	7.36	99	240455	52.51	ng	0.00
23) Nitrobenzene-d5	9.38	82	601770	112.07	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	522243	163.72	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1308910	106.95	ng	0.00
78) Terphenyl-d14	20.15	244	2310991	97.26	ng	0.00

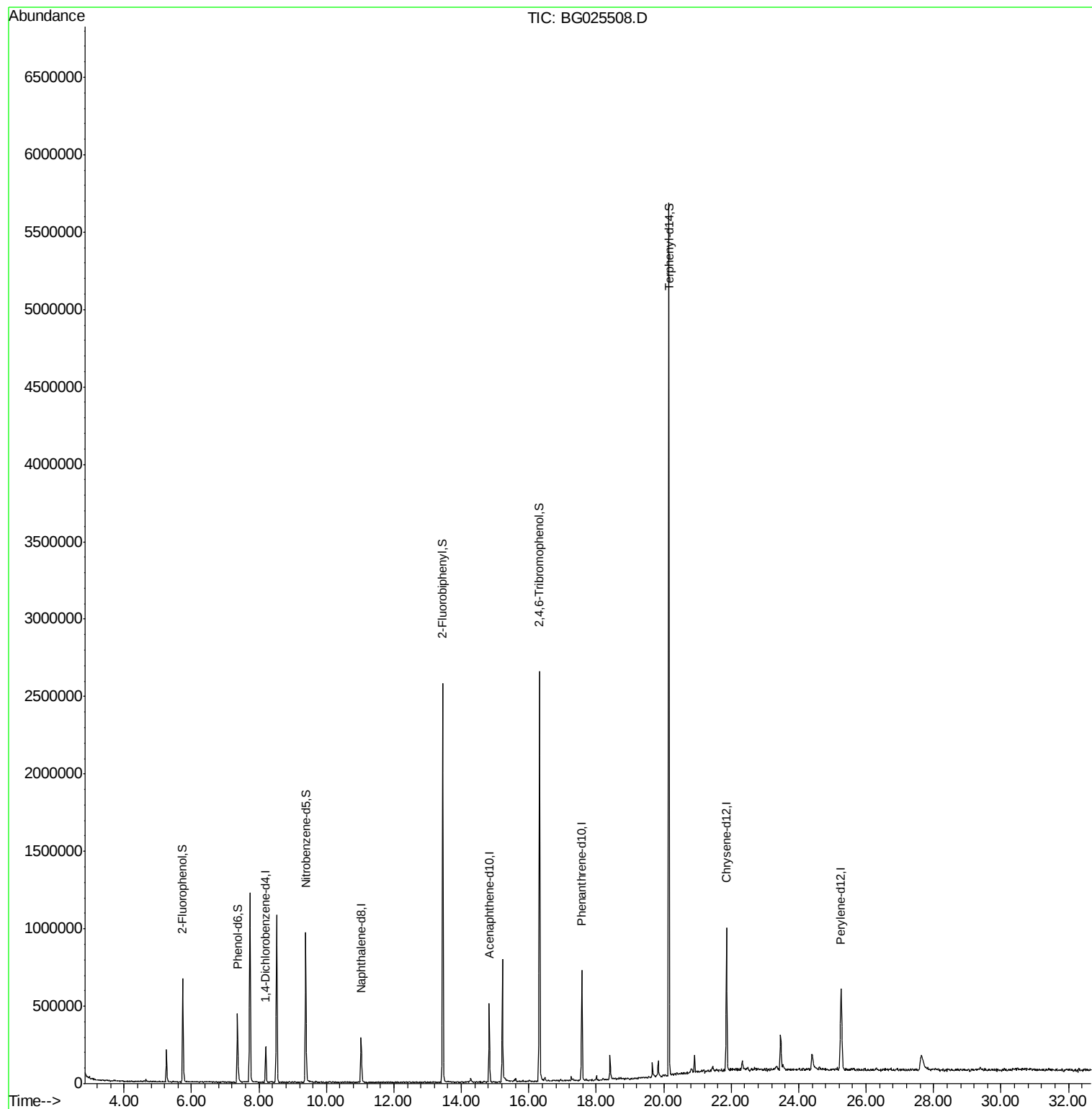
Target Compounds Qvalue

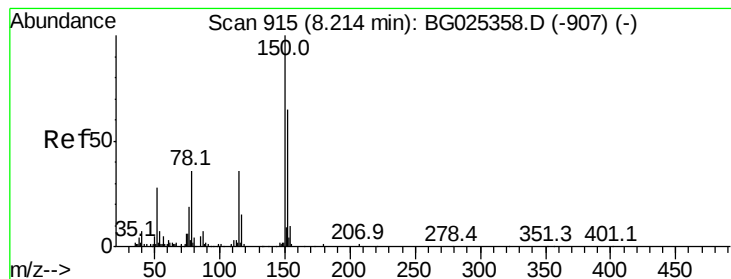
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

Instrument :

BNA_G

ClientSampleId :

MW-3

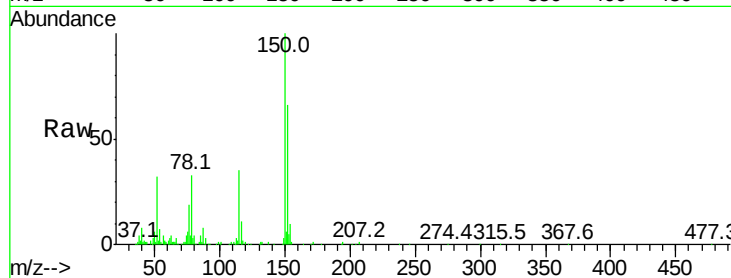
Tot Ion:152 Resp: 59099

Ion Ratio Lower Upper

152 100

150 151.5 114.0 171.0

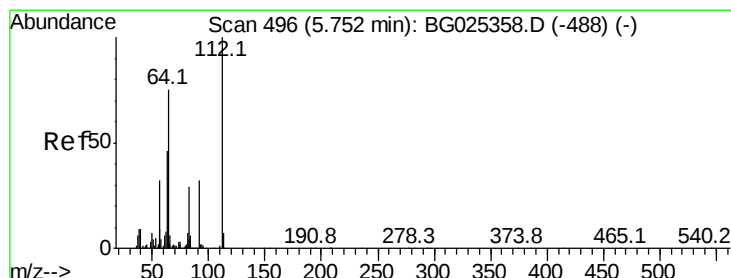
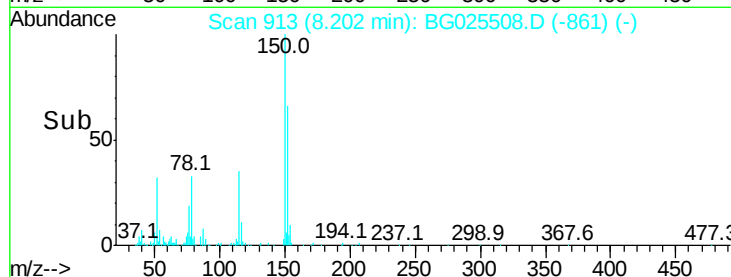
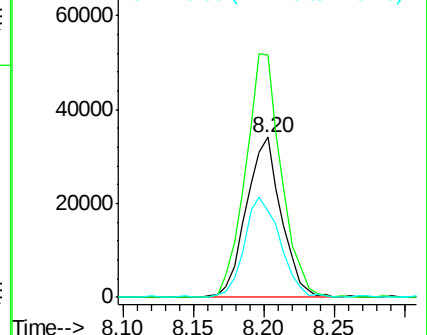
115 53.4 48.1 72.1



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: 80.61 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

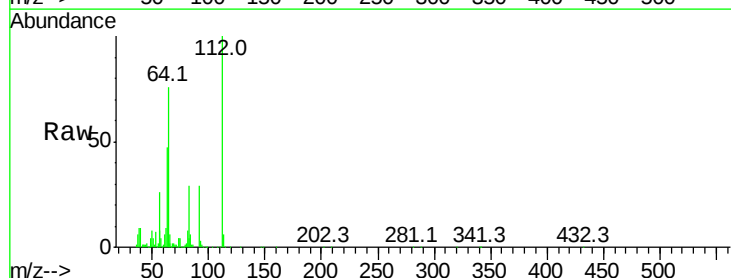
Tgt Ion:112 Resp: 262107

Ion Ratio Lower Upper

112 100

64 76.3 61.8 92.6

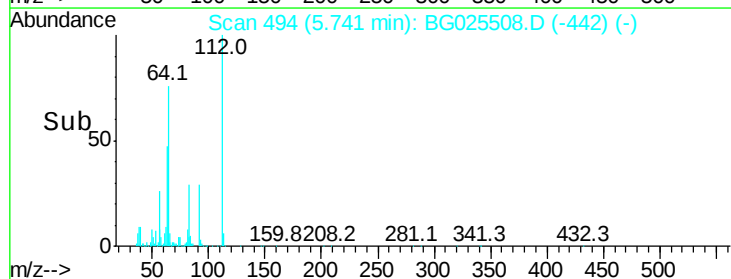
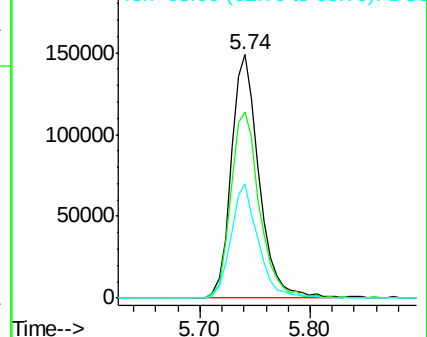
63 46.8 37.2 55.8

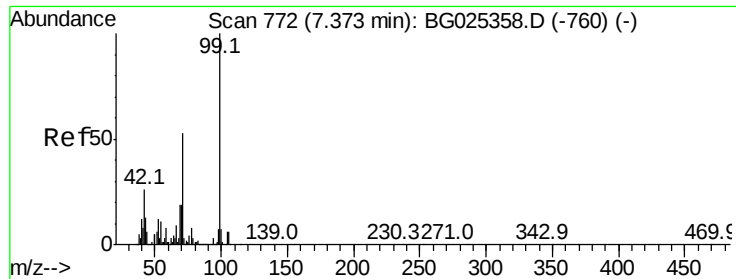


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.51 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

Instrument :

BNA_G

ClientSampleId :

MW-3

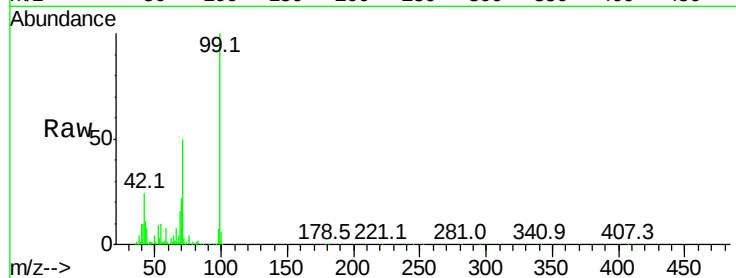
Tot Ion: 99 Resp: 240455

Ion Ratio Lower Upper

99 100

42 23.9 20.5 30.7

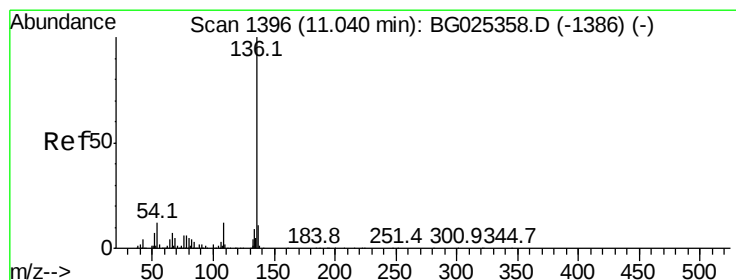
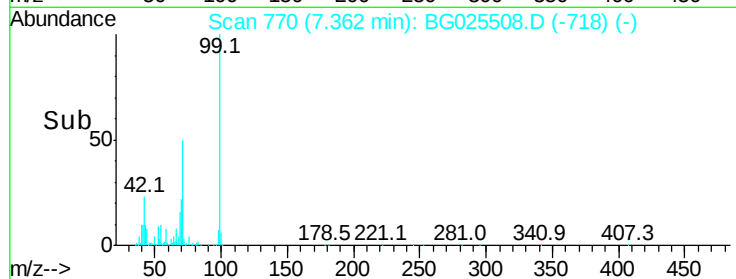
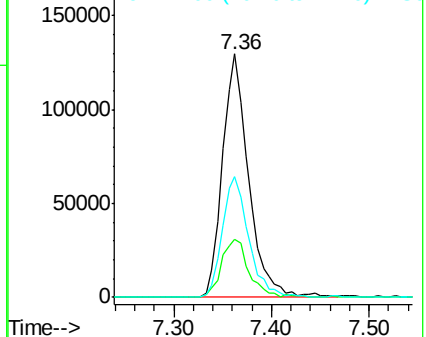
71 49.6 37.6 56.4



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: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

Tgt Ion: 136 Resp: 237222

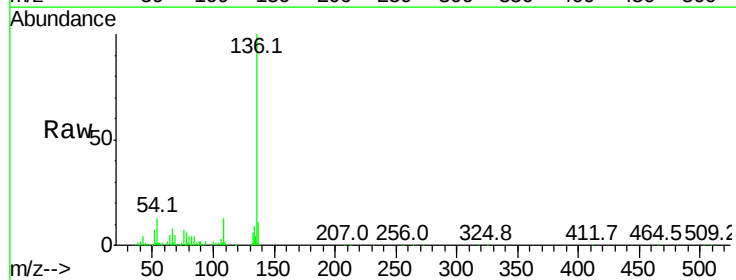
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 13.3 9.3 13.9

68 4.8 5.1 7.7#

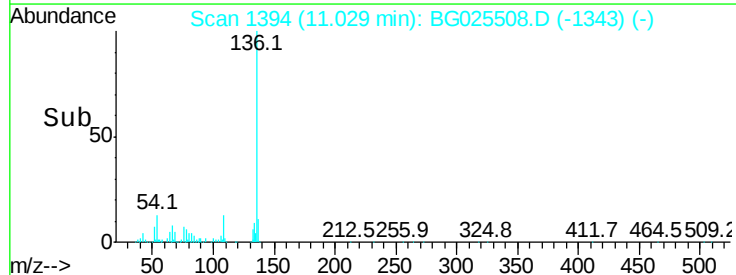
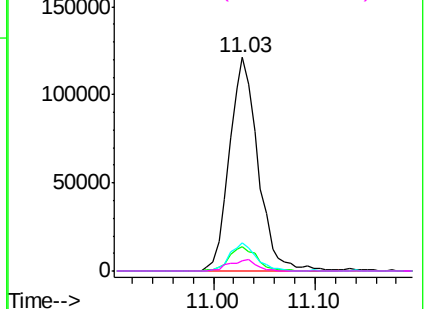


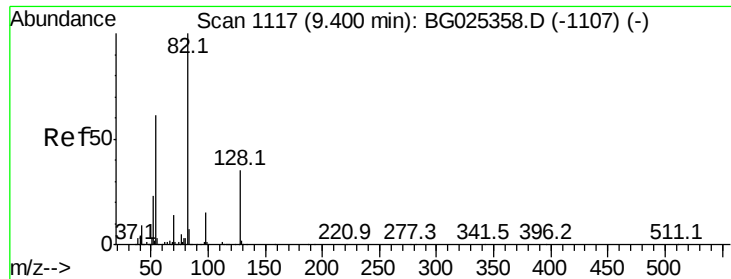
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

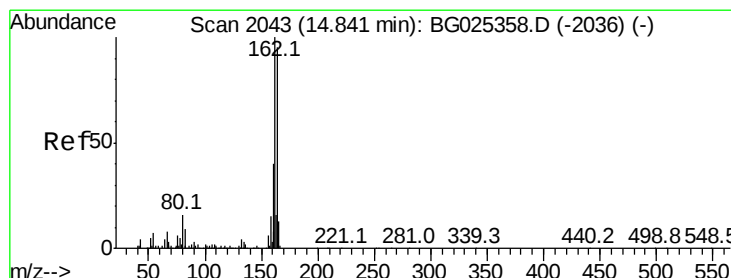
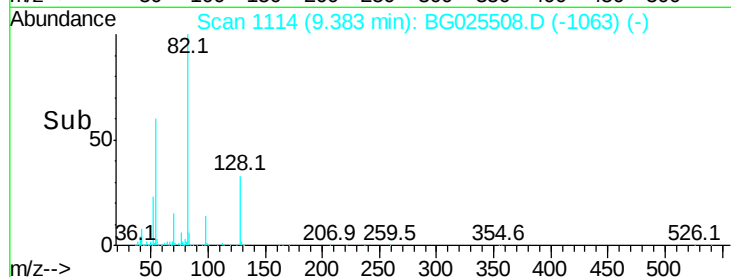
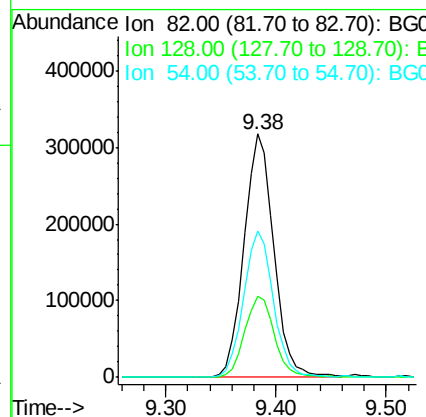
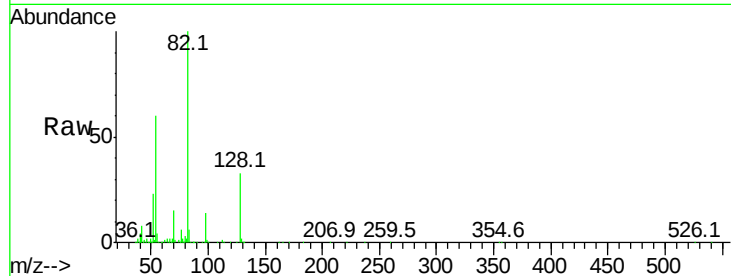




#23
 Nitrobenzene-d5
 Concen: 112.07 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG025508.D
 Acq: 13 Jan 2017 8:16

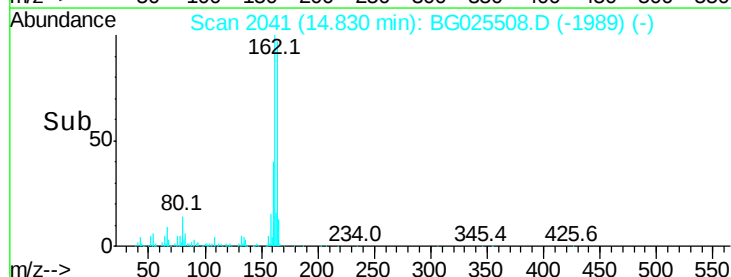
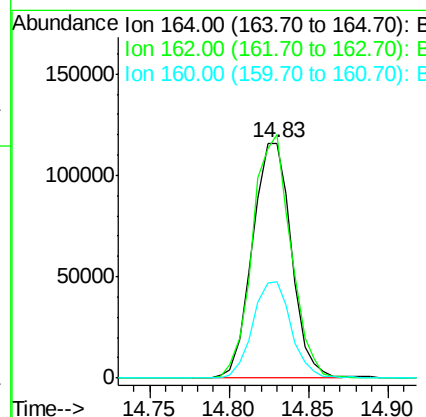
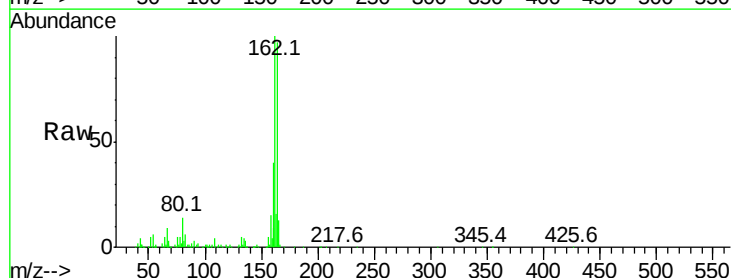
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion: 82 Resp: 601770
 Ion Ratio Lower Upper
 82 100
 128 33.2 26.4 39.6
 54 60.2 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: BG025508.D
 Acq: 13 Jan 2017 8:16

Tgt Ion: 164 Resp: 198136
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 41.2 34.7 52.1

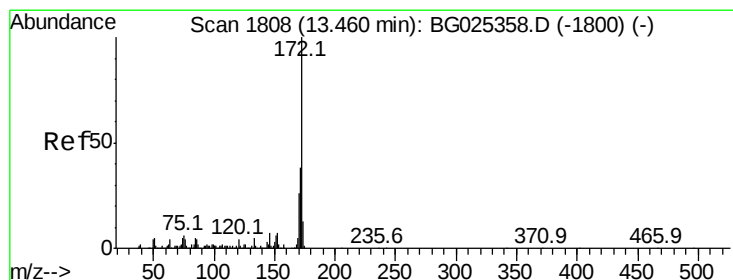
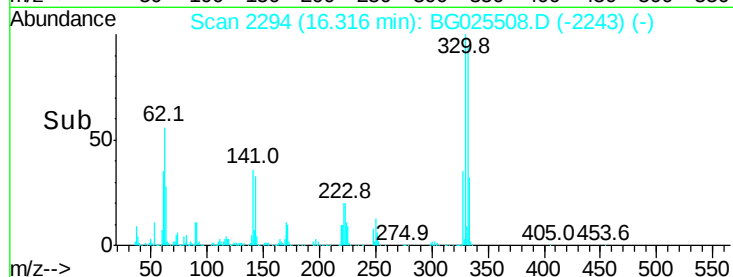
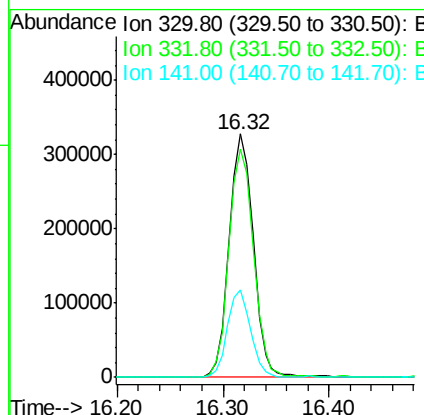
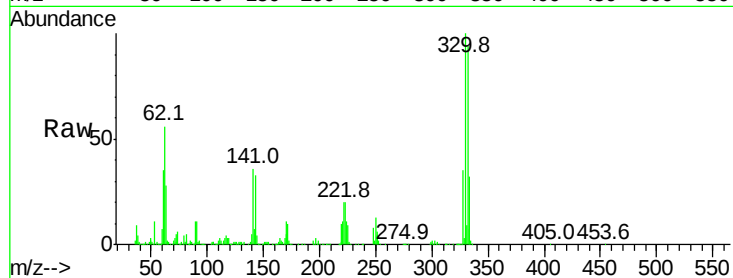




#41
 2,4,6-Tribromophenol
 Concen: 163.72 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025508.D
 Acq: 13 Jan 2017 8:16

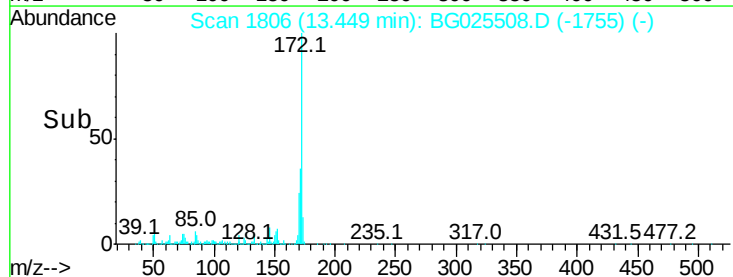
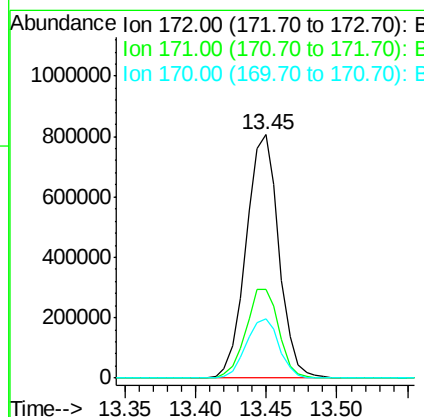
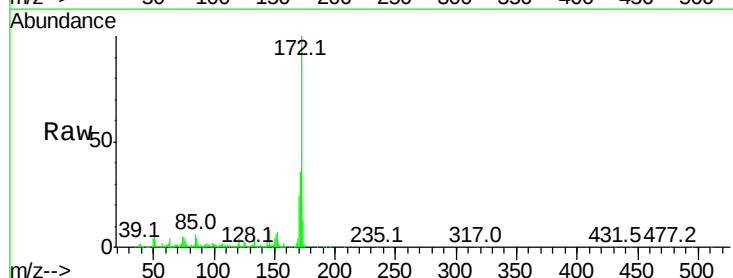
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

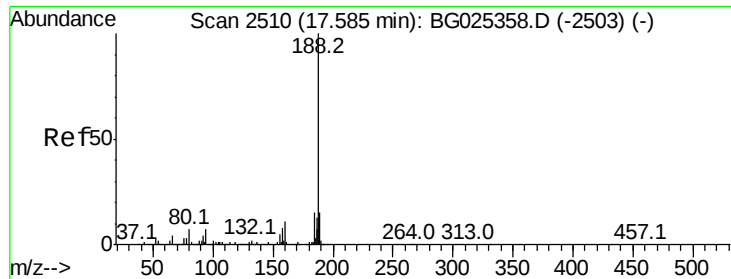
Tot Ion:330 Resp: 522243
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 34.4 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 106.95 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025508.D
 Acq: 13 Jan 2017 8:16

Tgt Ion:172 Resp: 1308910
 Ion Ratio Lower Upper
 172 100
 171 36.5 32.2 48.2
 170 24.4 21.8 32.6

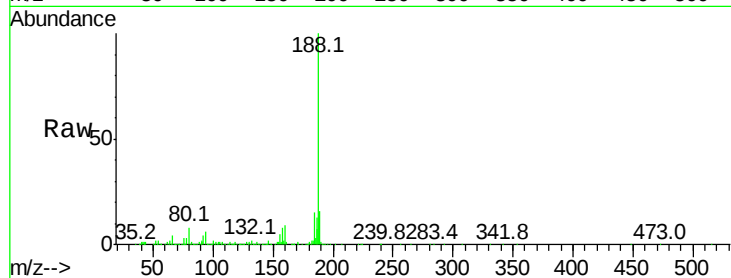




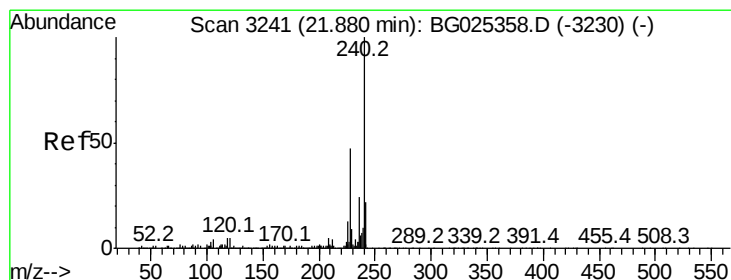
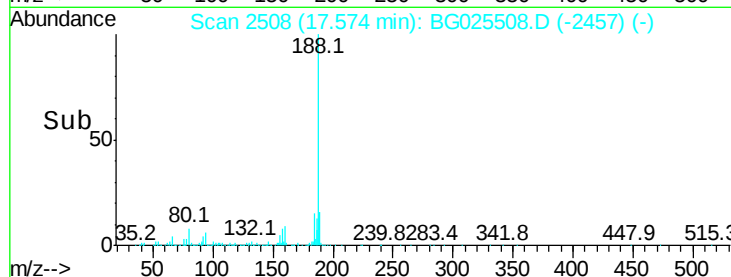
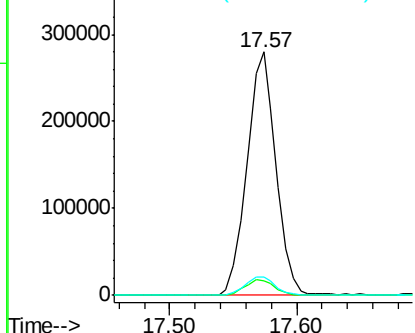
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:188 Resp: 443441
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.8#
80 7.7 7.5 11.3

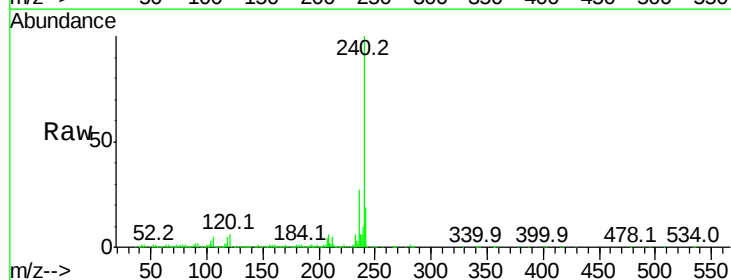


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

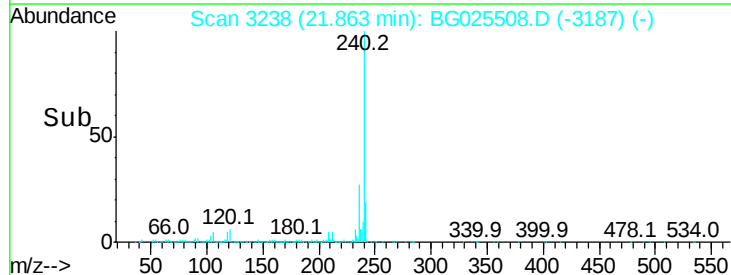
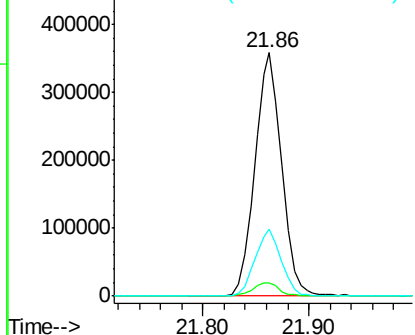


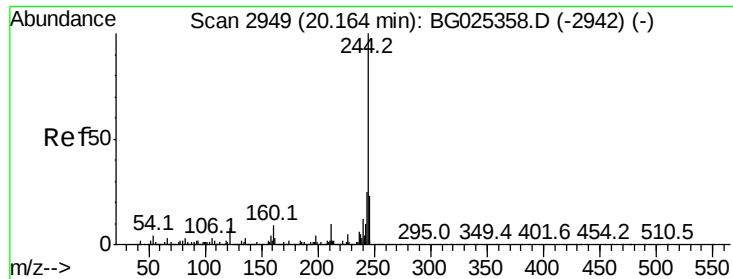
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025508.D
Acq: 13 Jan 2017 8:16

Tgt Ion:240 Resp: 630005
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 27.5 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





#78

Terphenyl-d14

Concen: 97.26 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

Instrument :

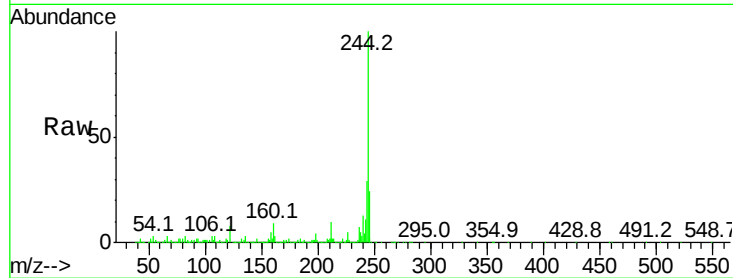
BNA_G

ClientSampleId :

MW-3

Tot Ion:244 Resp: 2310991

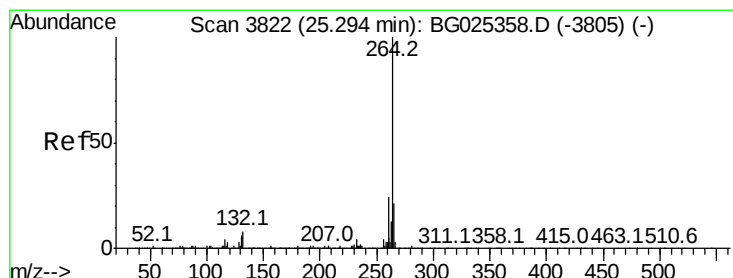
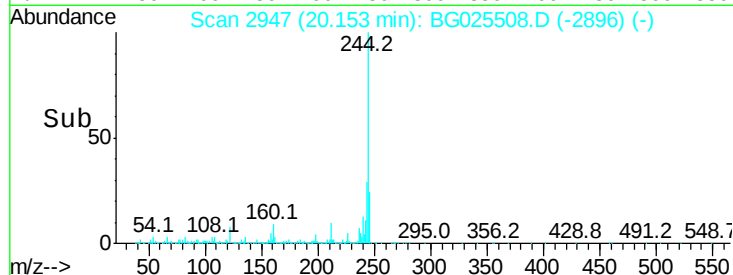
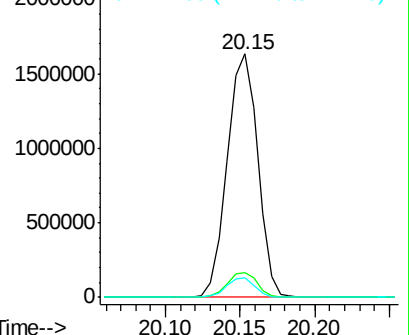
Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.0	15.0
122	8.2	8.6	12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

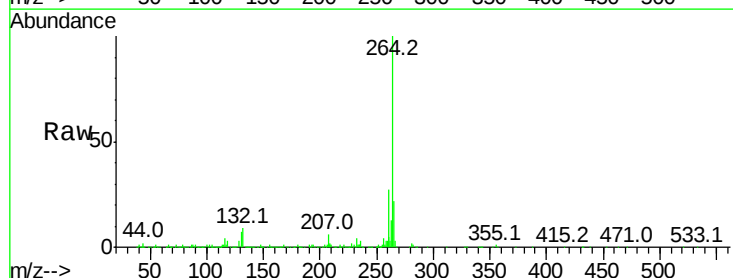
Delta R.T. -0.01 min

Lab File: BG025508.D

Acq: 13 Jan 2017 8:16

Tgt Ion:264 Resp: 675128

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.8	32.8
265	21.6	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

