

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025384.D
 Acq On : 22 Dec 2016 11:29
 Operator : UM/SJ
 Sample : H6166-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Quant Time: Dec 22 13:30:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

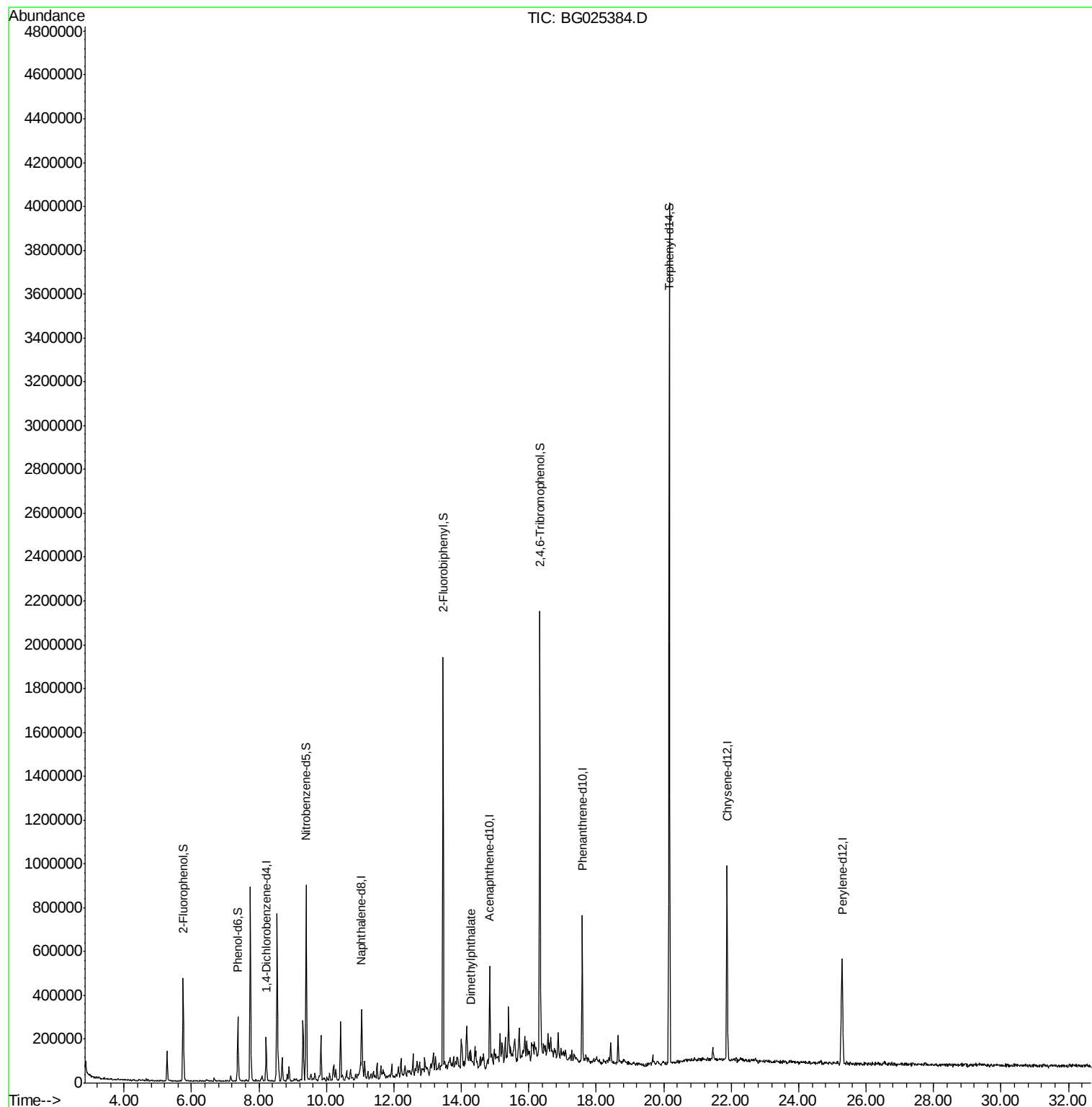
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	53452	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	214542	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	168100	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	397018	20.00	ng	0.00
75) Chrysene-d12	21.87	240	575911	20.00	ng	0.00
86) Perylene-d12	25.29	264	607073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	181217	61.62	ng	0.00
7) Phenol-d6	7.37	99	160697	38.80	ng	0.00
23) Nitrobenzene-d5	9.39	82	436121	89.80	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	393482	145.39	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	948029	91.31	ng	0.00
78) Terphenyl-d14	20.16	244	1655978	76.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	48072	3.92	ng	Qvalue # 90

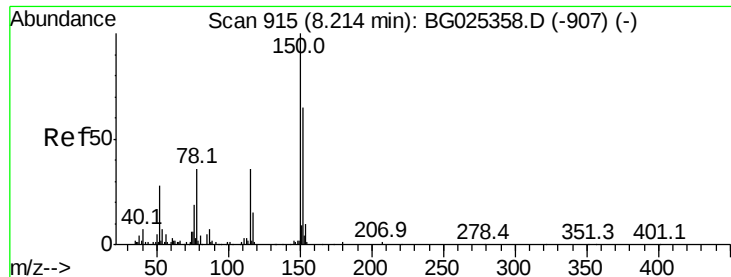
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG025384.D

Acq: 22 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

MW-31

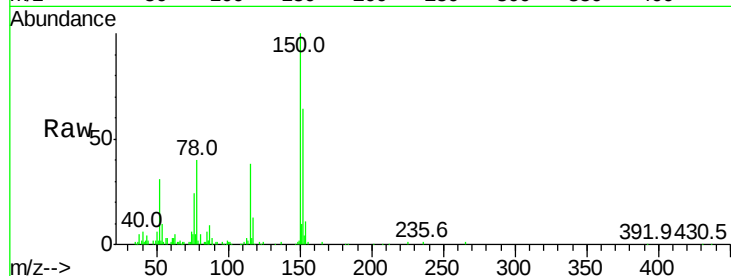
Tot Ion:152 Resp: 53452

Ion Ratio Lower Upper

152 100

150 156.4 114.0 171.0

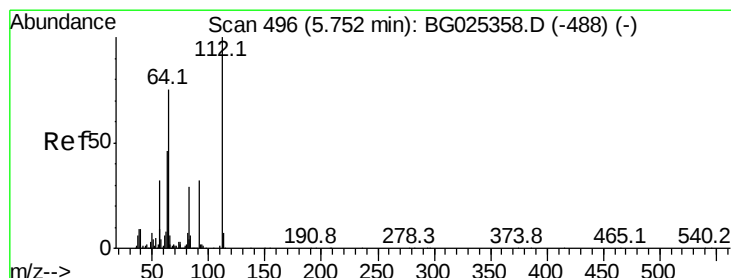
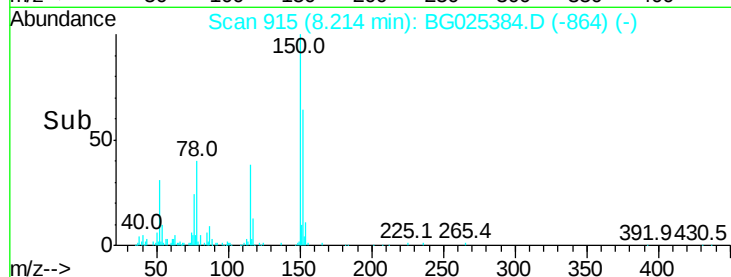
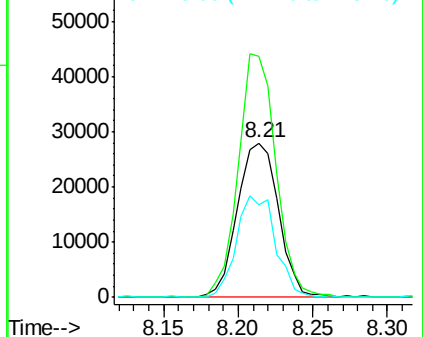
115 60.1 48.1 72.1



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: 61.62 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025384.D

Acq: 22 Dec 2016 11:29

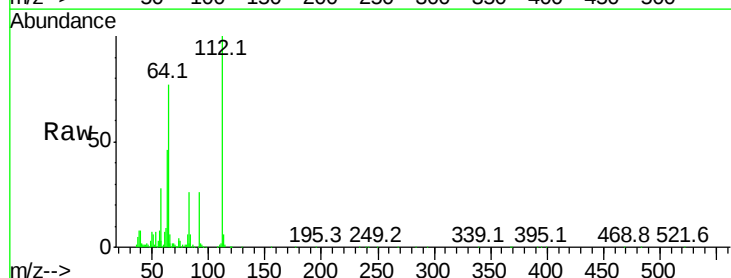
Tgt Ion:112 Resp: 181217

Ion Ratio Lower Upper

112 100

64 76.5 61.8 92.6

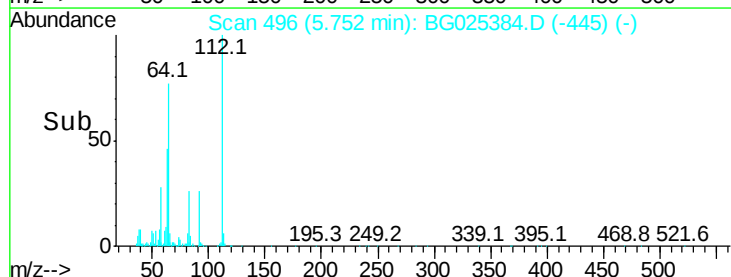
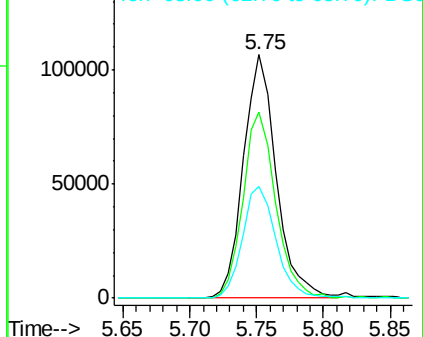
63 46.0 37.2 55.8

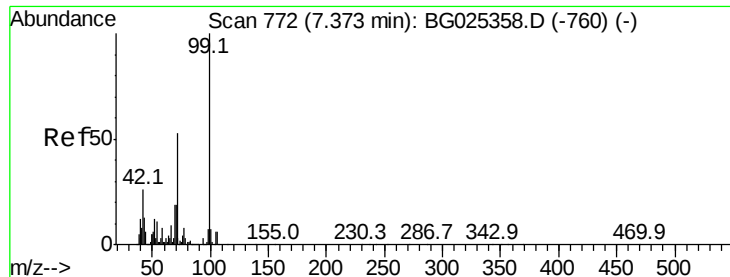


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.80 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025384.D

Acq: 22 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

MW-31

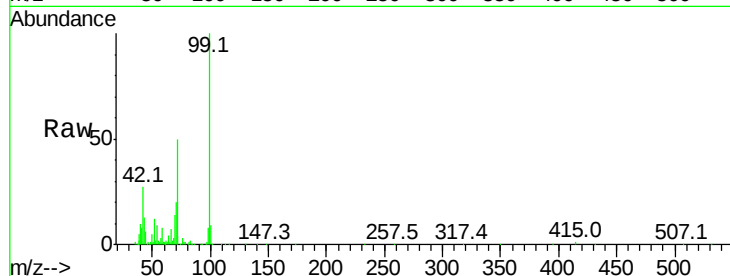
Tot Ion: 99 Resp: 160697

Ion Ratio Lower Upper

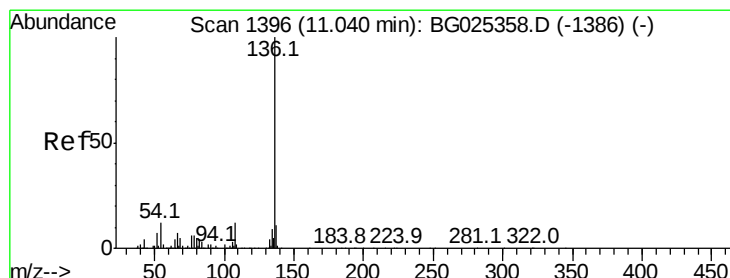
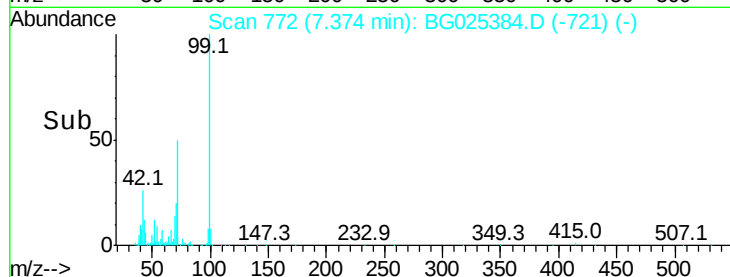
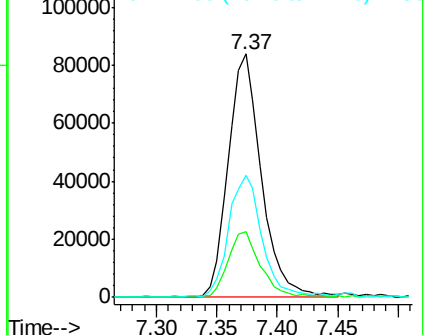
99 100

42 26.8 20.5 30.7

71 50.0 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: 11.04 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BG025384.D

Acq: 22 Dec 2016 11:29

Tgt Ion: 136 Resp: 214542

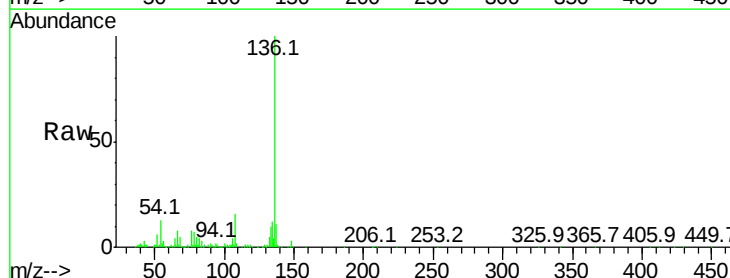
Ion Ratio Lower Upper

136 100

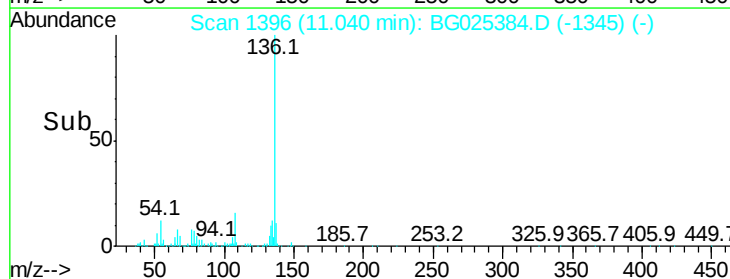
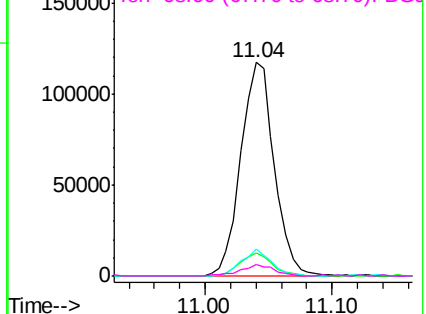
137 10.9 8.9 13.3

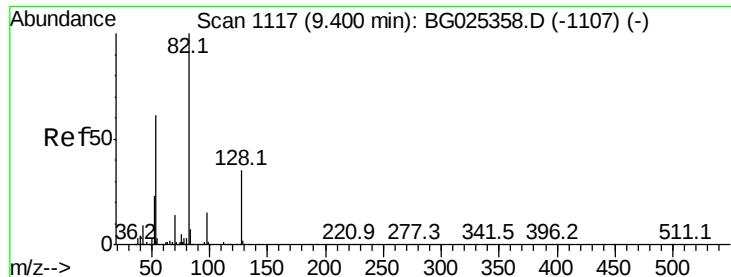
54 12.5 9.3 13.9

68 5.2 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

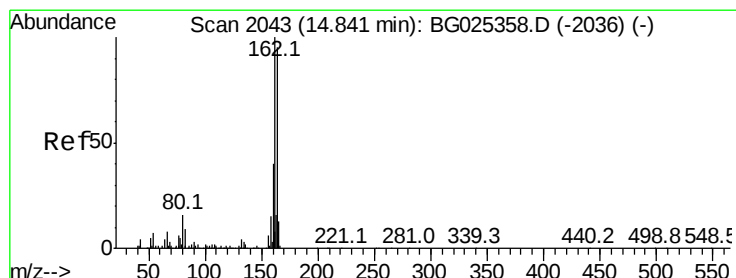
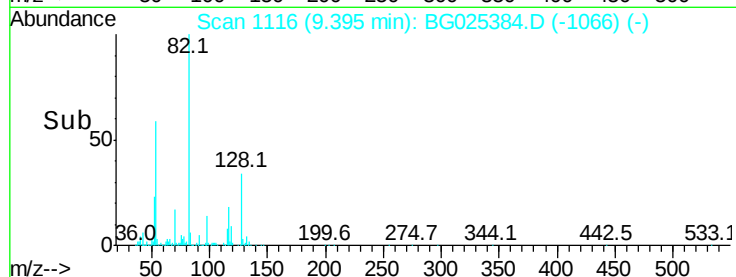
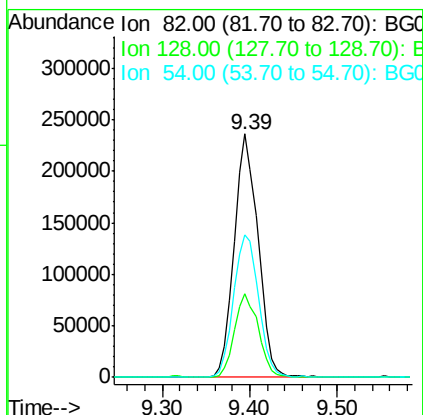
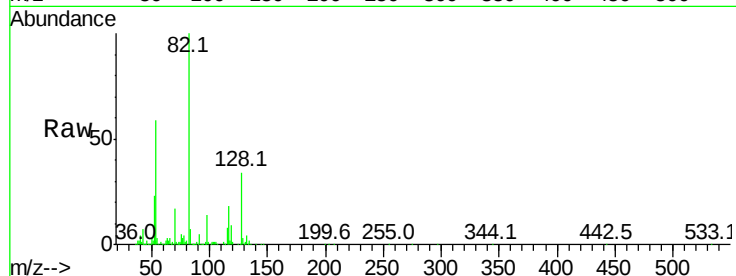




#23
Nitrobenzene-d5
Concen: 89.80 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

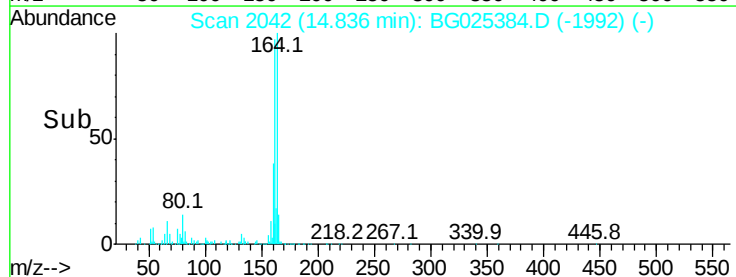
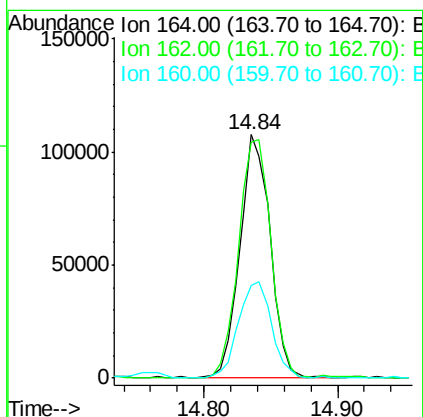
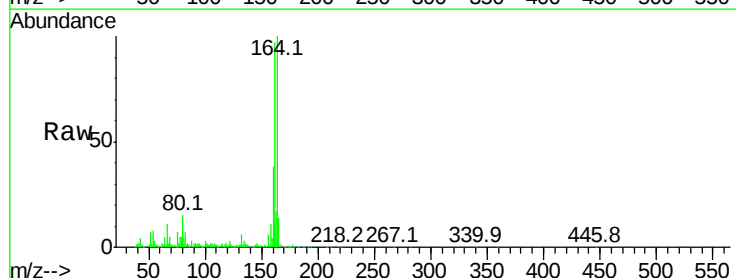
Instrument :
BNA_G
ClientSampleId :
MW-31

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.4	39.6
54	58.6	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG025384.D
Acq: 22 Dec 2016 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	85.1	127.7
160	38.0	34.7	52.1

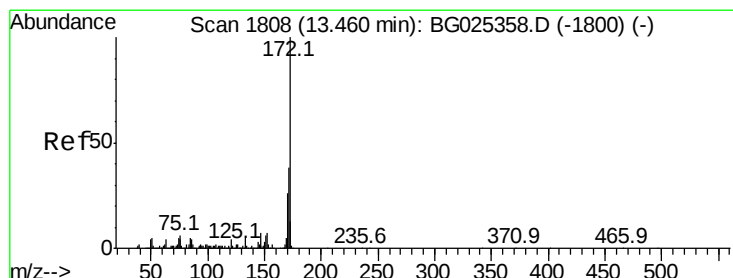
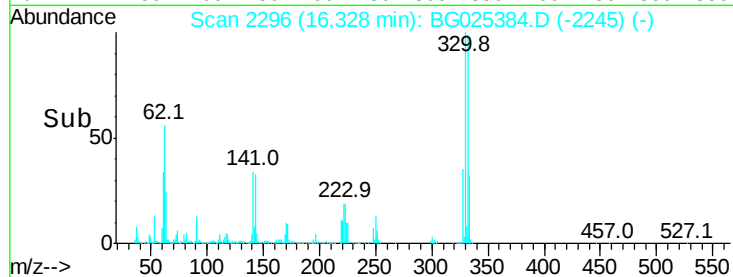
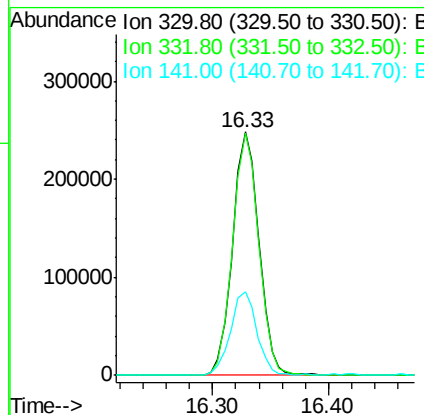
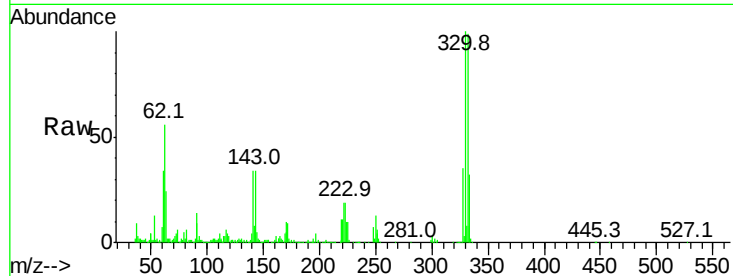




#41
 2,4,6-Tribromophenol
 Concen: 145.39 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG025384.D
 Acq: 22 Dec 2016 11:29

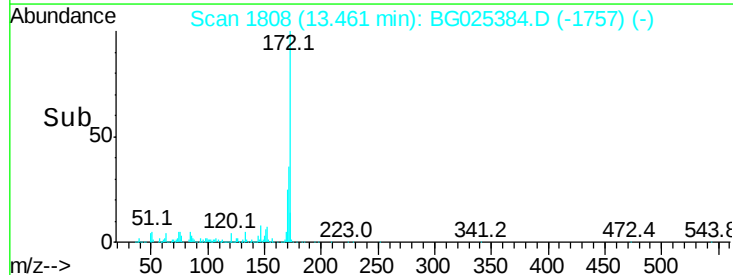
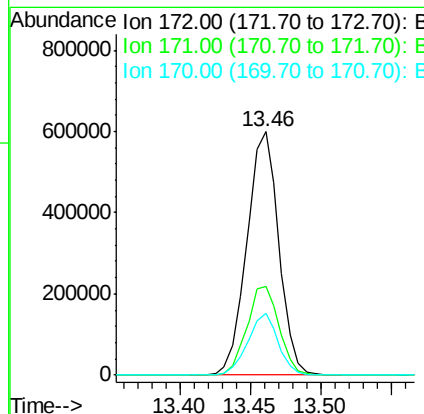
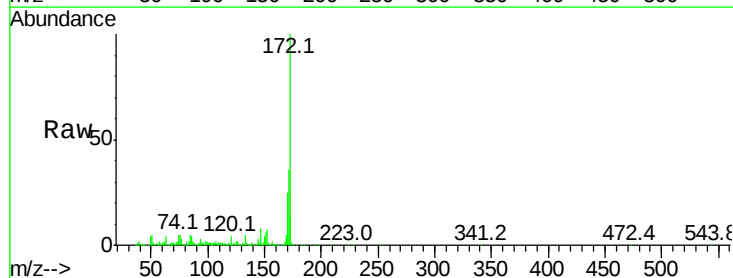
Instrument :
 BNA_G
 ClientSampleId :
 MW-31

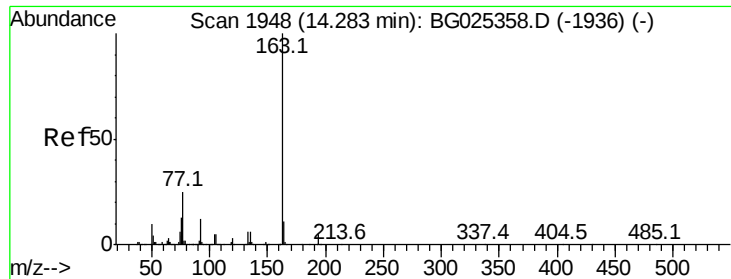
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	34.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 91.31 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BG025384.D
 Acq: 22 Dec 2016 11:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	25.4	21.8	32.6





#49

Dimethylphthalate

Concen: 3.92 ng

RT: 14.28 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG025384.D

Acq: 22 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

MW-31

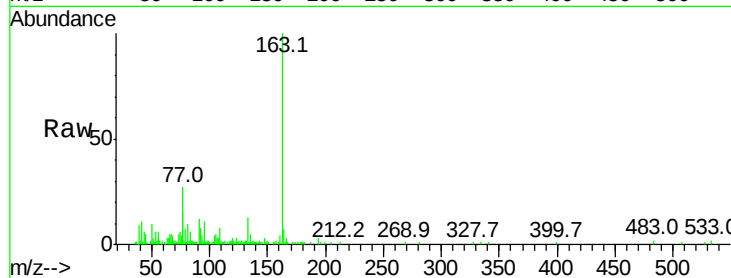
Tot Ion:163 Resp: 48072

Ion Ratio Lower Upper

163 100

194 3.1 3.8 5.6#

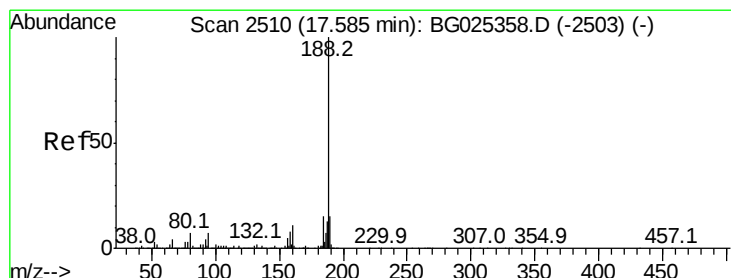
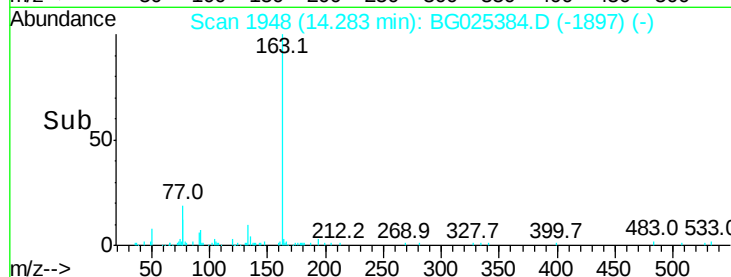
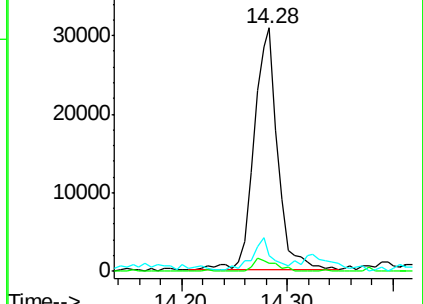
164 6.7 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025384.D

Acq: 22 Dec 2016 11:29

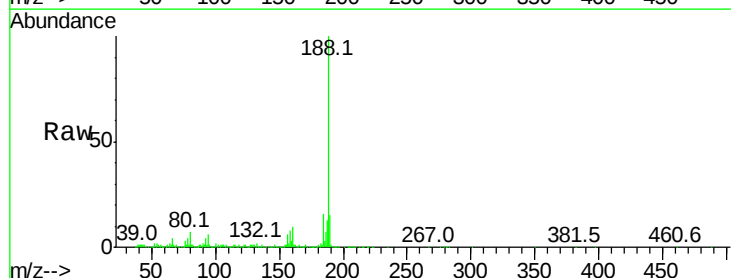
Tgt Ion:188 Resp: 397018

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

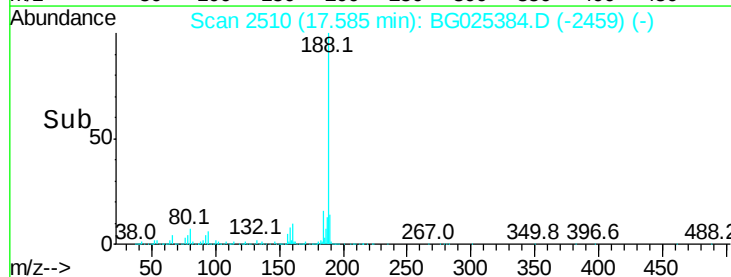
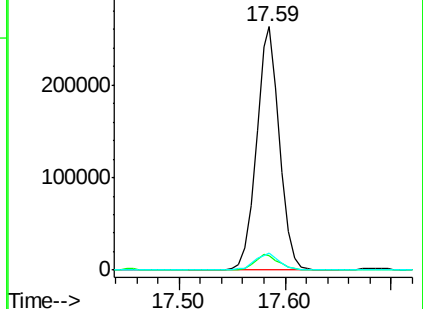
80 7.3 7.5 11.3#

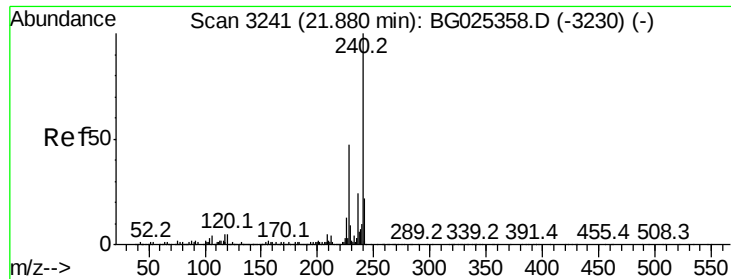


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025384.D

Acq: 22 Dec 2016 11:29

Instrument :

BNA_G

ClientSampleId :

MW-31

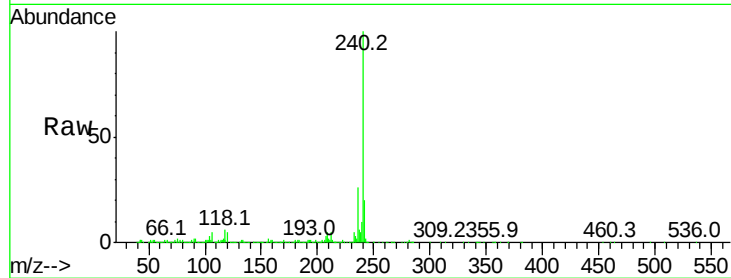
Tot Ion:240 Resp: 575911

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

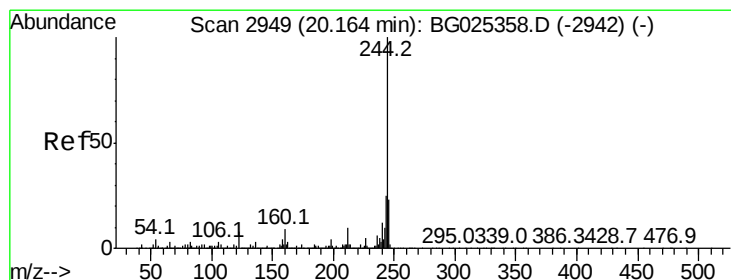
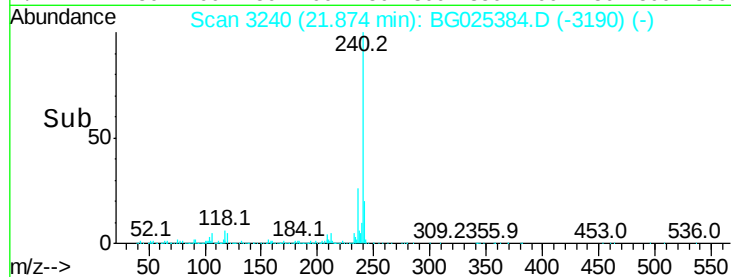
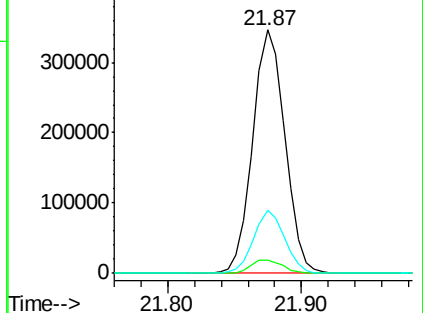
236 25.9 22.2 33.4



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



#78

Terphenyl-d14

Concen: 76.24 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG025384.D

Acq: 22 Dec 2016 11:29

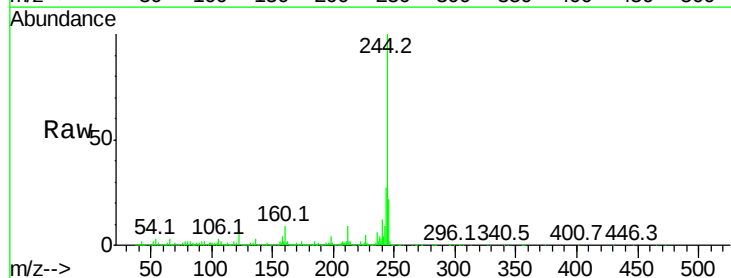
Tgt Ion:244 Resp: 1655978

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

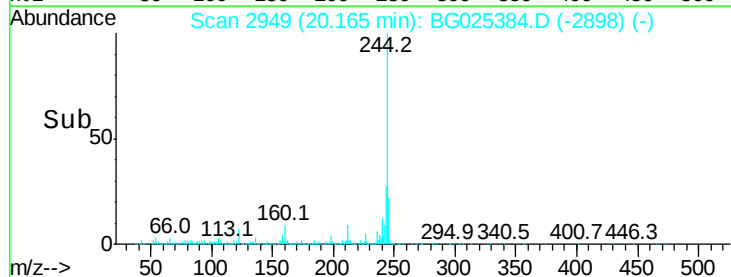
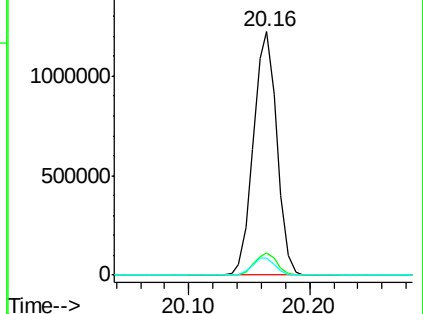
122 6.9 8.6 12.8#

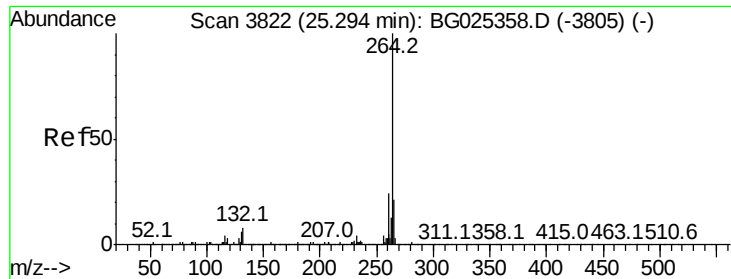


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.29 min Scan# 3821
 Delta R.T. -0.01 min
 Lab File: BG025384.D
 Acq: 22 Dec 2016 11:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Tot Ion:264 Resp: 607073
 Ion Ratio Lower Upper
 264 100
 260 23.9 21.8 32.8
 265 21.8 18.2 27.4

