

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025382.D
 Acq On : 22 Dec 2016 10:11
 Operator : UM/SJ
 Sample : H6166-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Dec 22 18:29:58 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

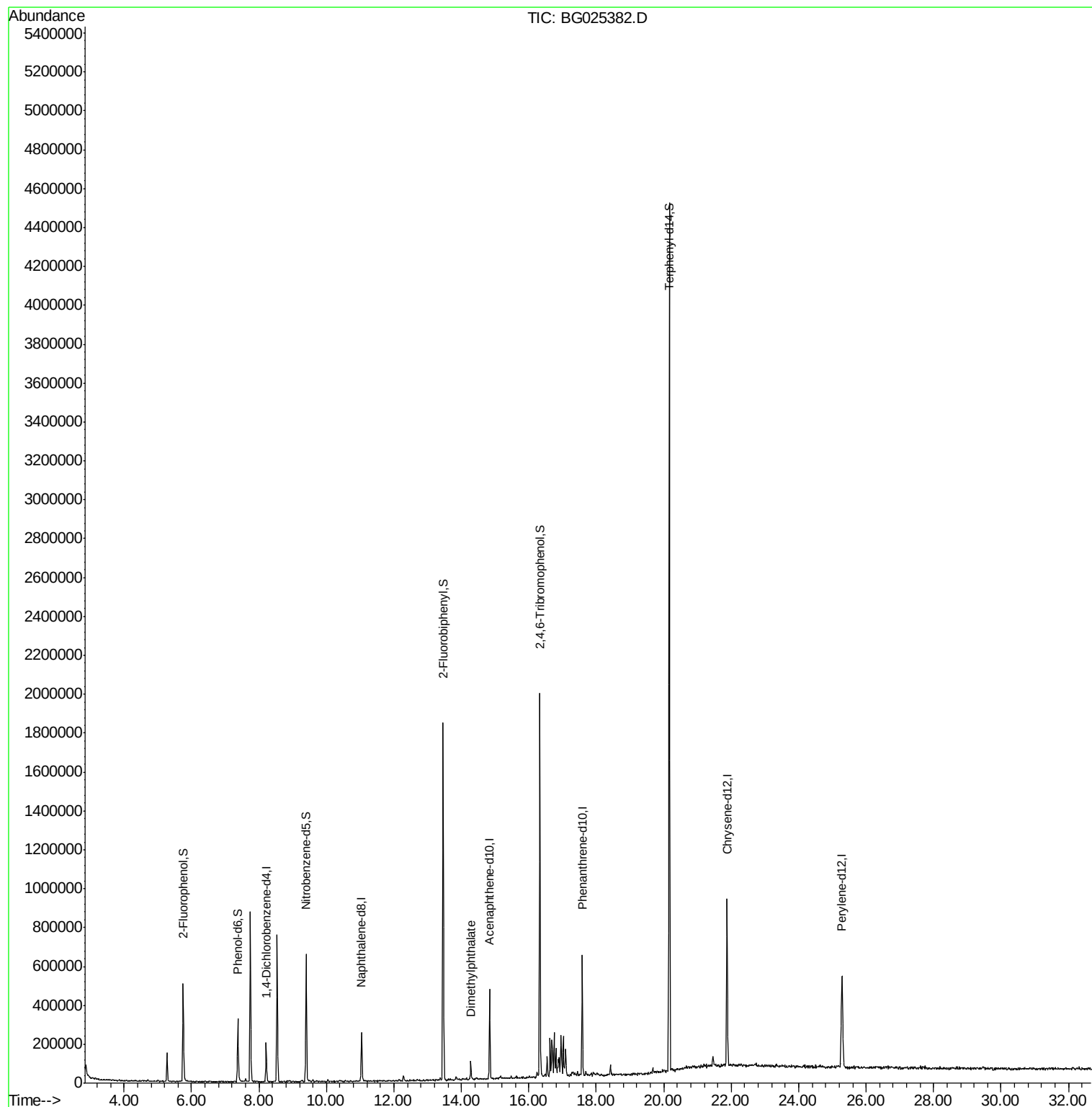
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48745	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	209017	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	164058	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	390206	20.00	ng	0.00
75) Chrysene-d12	21.88	240	575441	20.00	ng	0.00
86) Perylene-d12	25.29	264	605882	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	195441	72.88	ng	0.00
7) Phenol-d6	7.37	99	176293	46.68	ng	0.00
23) Nitrobenzene-d5	9.39	82	430145	90.91	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	392608	148.64	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	933219	92.09	ng	0.00
78) Terphenyl-d14	20.16	244	1854436	85.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	61613	5.15	ng	Qvalue 98

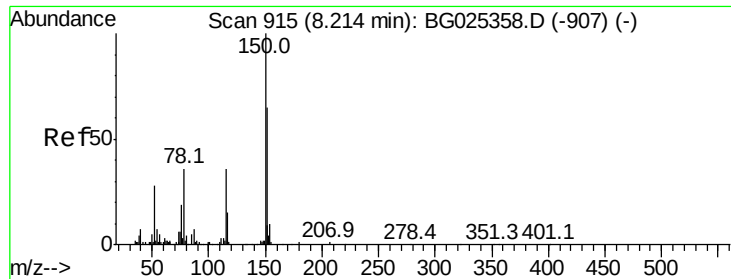
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 18:42:01 2016
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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: BG025382.D

Acq: 22 Dec 2016 10:11

Instrument :

BNA_G

ClientSampleId :

MW-15

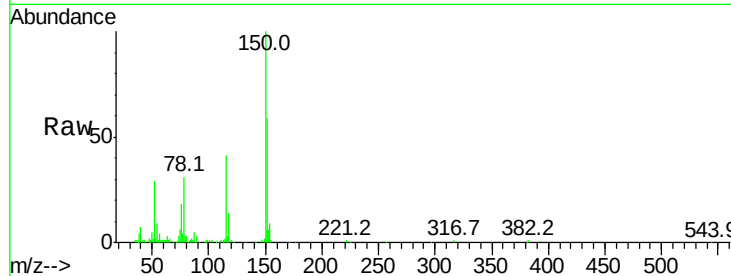
Tot Ion:152 Resp: 48745

Ion Ratio Lower Upper

152 100

150 168.9 114.0 171.0

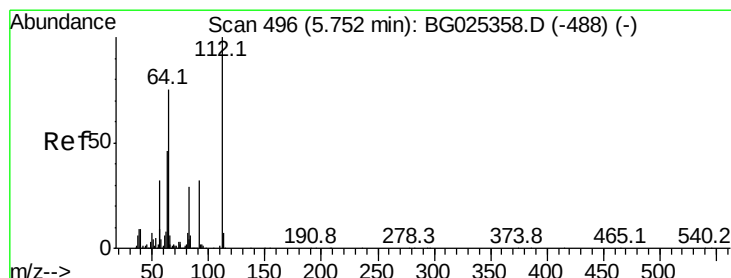
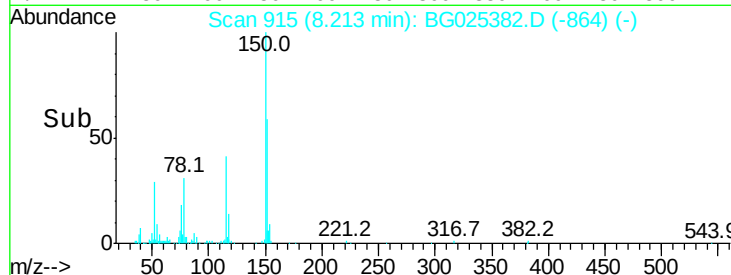
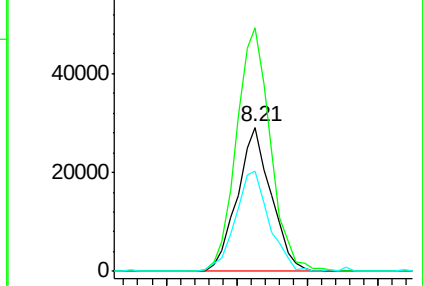
115 69.9 48.1 72.1



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: 72.88 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG025382.D

Acq: 22 Dec 2016 10:11

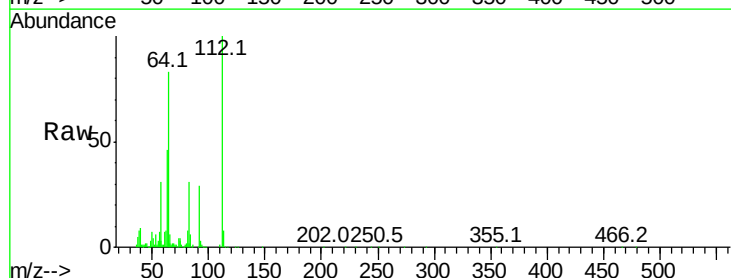
Tgt Ion:112 Resp: 195441

Ion Ratio Lower Upper

112 100

64 82.8 61.8 92.6

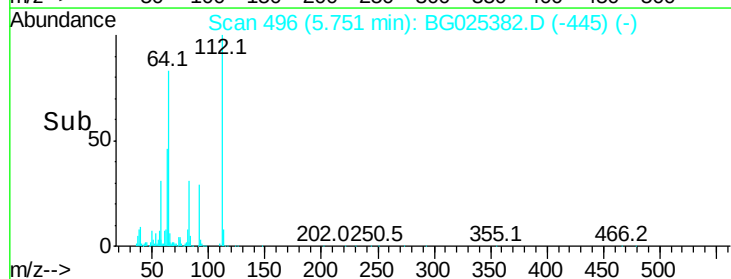
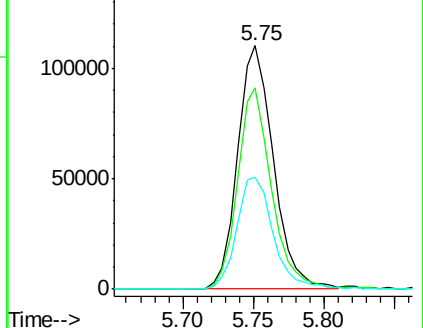
63 45.9 37.2 55.8

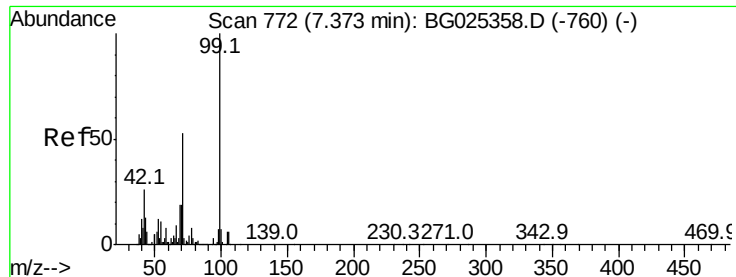


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 46.68 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025382.D

Acq: 22 Dec 2016 10:11

Instrument :

BNA_G

ClientSampleId :

MW-15

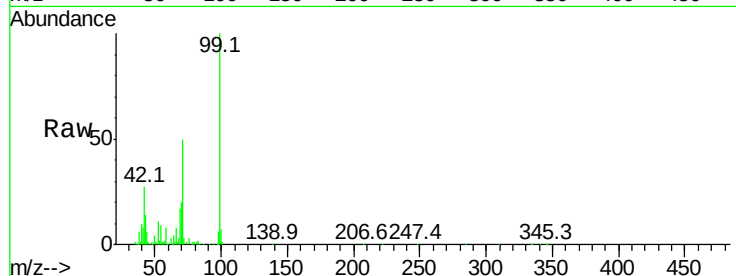
Tot Ion: 99 Resp: 176293

Ion Ratio Lower Upper

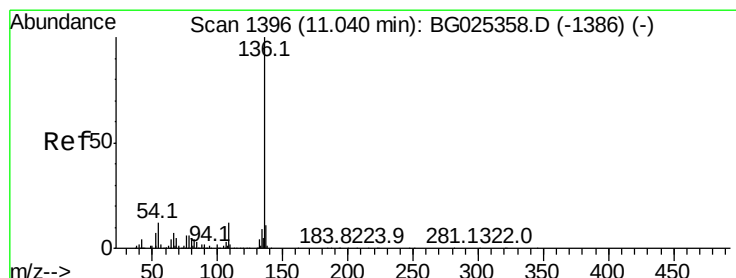
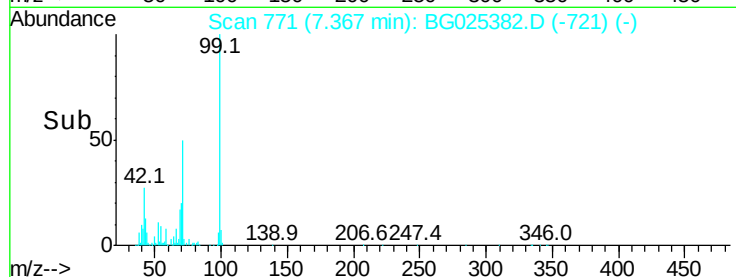
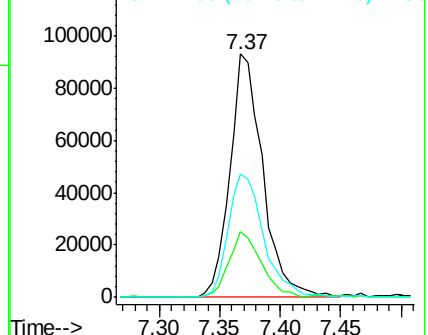
99 100

42 26.8 20.5 30.7

71 50.4 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: BG025382.D

Acq: 22 Dec 2016 10:11

Tgt Ion: 136 Resp: 209017

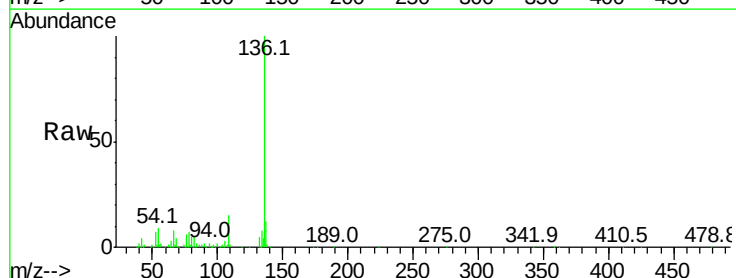
Ion Ratio Lower Upper

136 100

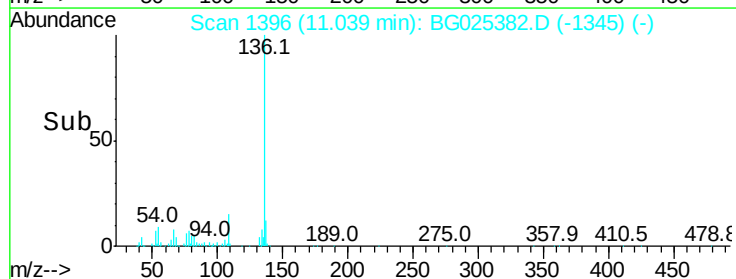
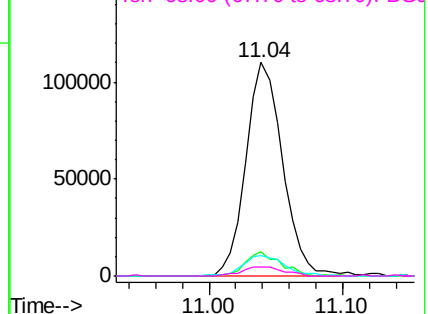
137 11.6 8.9 13.3

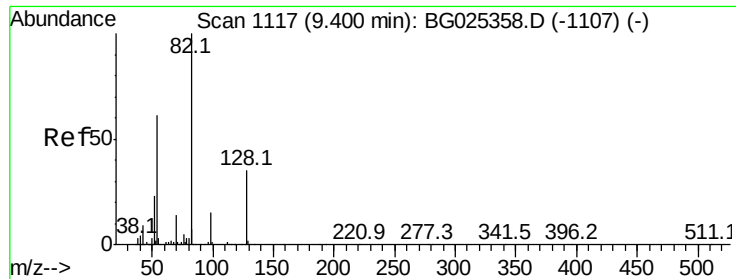
54 9.3 9.3 13.9

68 4.1 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

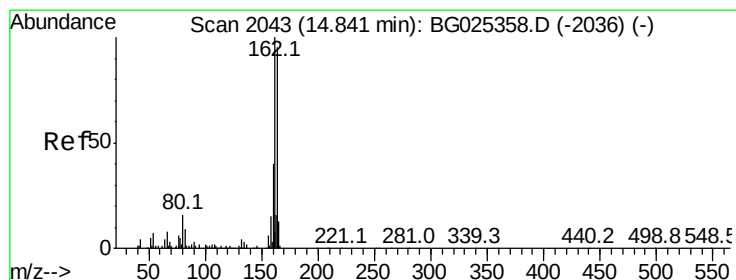
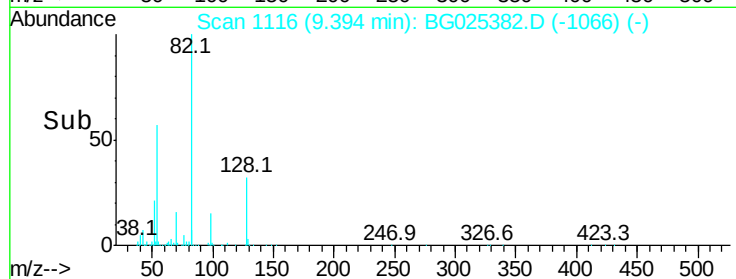
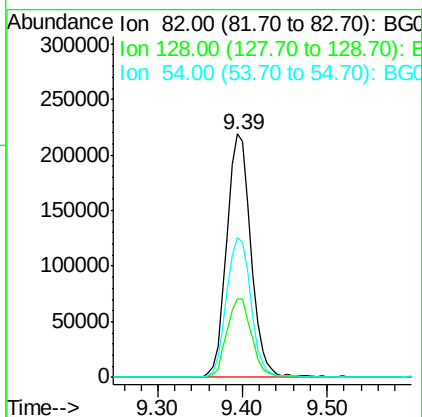
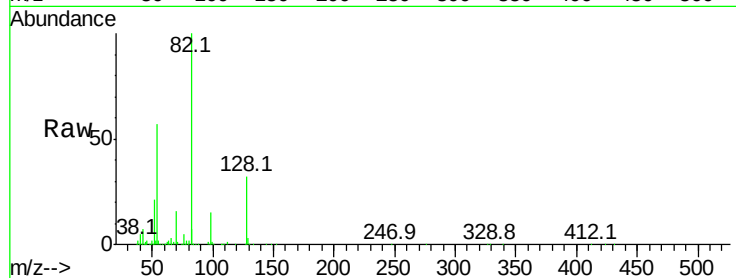




#23
Nitrobenzene-d5
Concen: 90.91 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025382.D
Acq: 22 Dec 2016 10:11

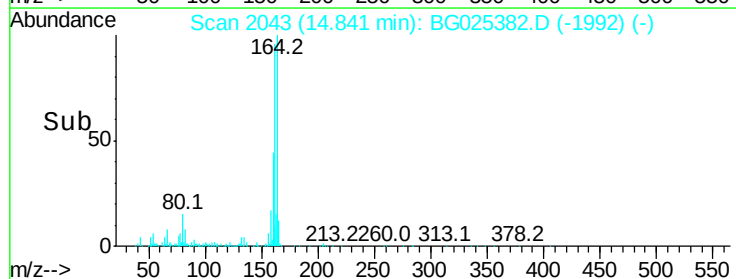
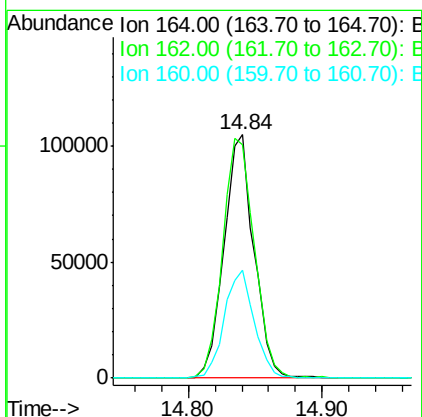
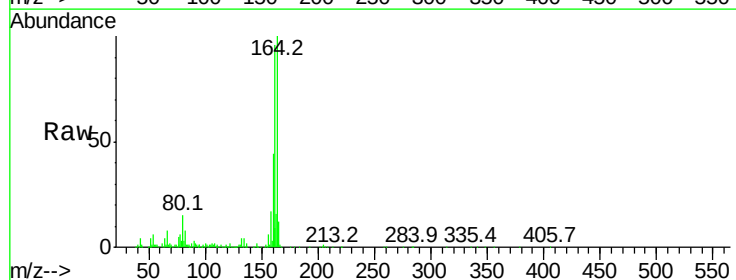
Instrument :
BNA_G
ClientSampleId :
MW-15

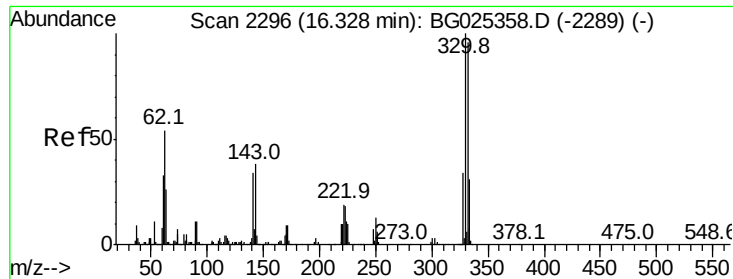
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	26.4	39.6
54	57.5	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG025382.D
Acq: 22 Dec 2016 10:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.9	85.1	127.7
160	44.2	34.7	52.1

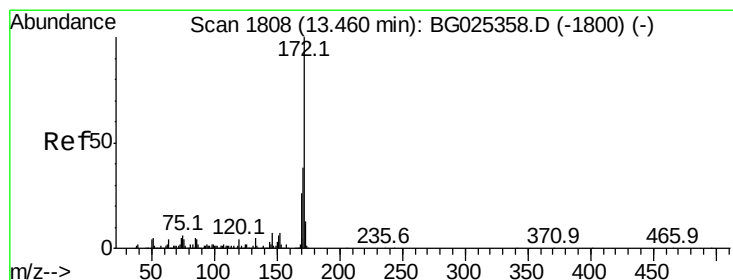
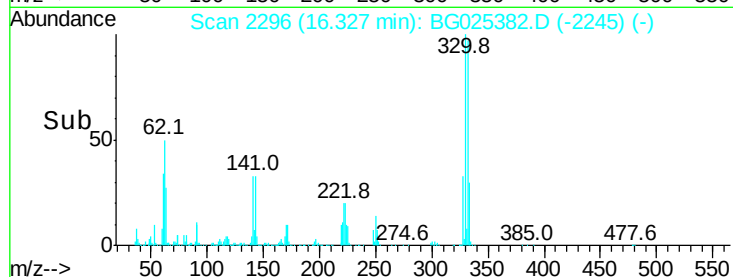
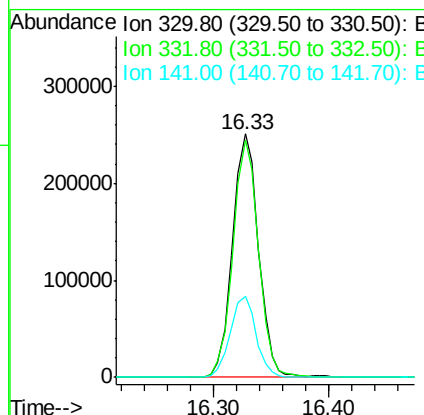
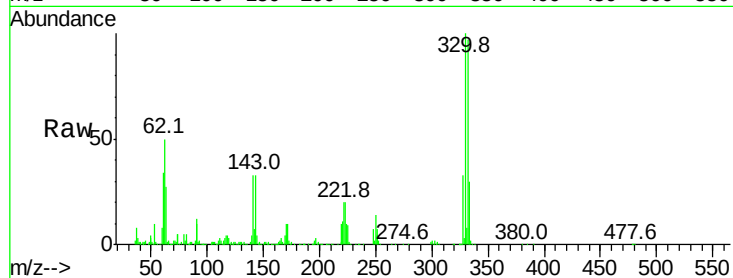




#41
 2,4,6-Tribromophenol
 Concen: 148.64 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025382.D
 Acq: 22 Dec 2016 10:11

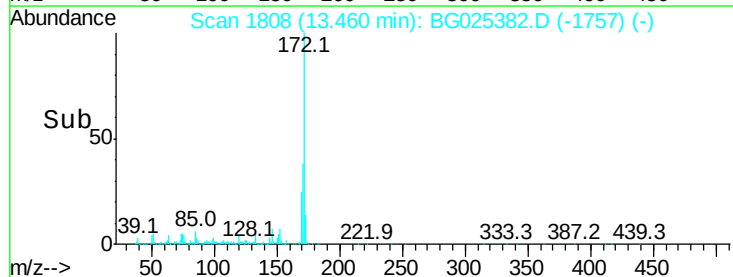
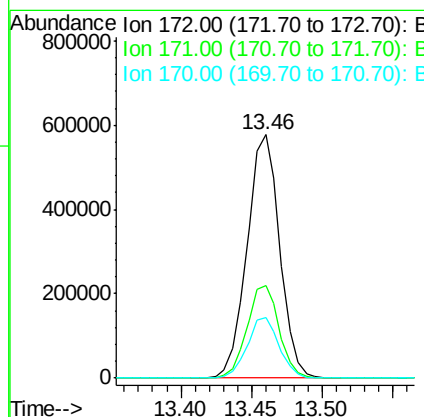
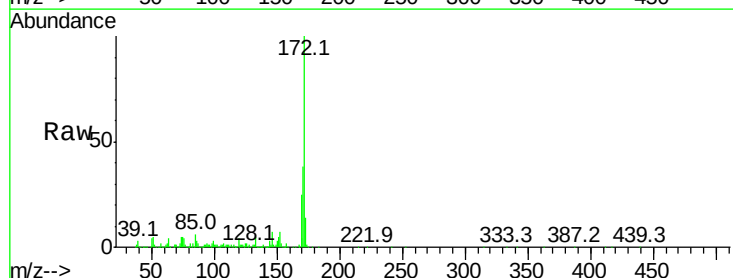
Instrument :
 BNA_G
 ClientSampleId :
 MW-15

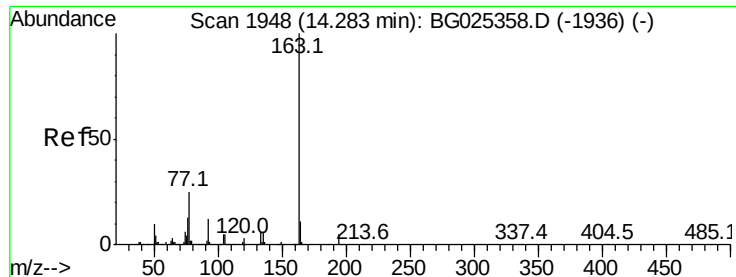
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	33.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.09 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG025382.D
 Acq: 22 Dec 2016 10:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	24.9	21.8	32.6





#49

Dimethylphthalate

Concen: 5.15 ng

RT: 14.28 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG025382.D

Acq: 22 Dec 2016 10:11

Instrument :

BNA_G

ClientSampleId :

MW-15

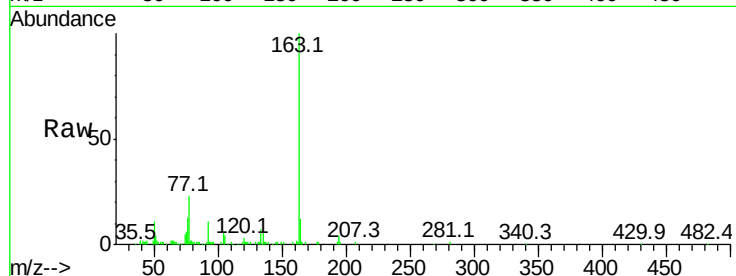
Tot Ion:163 Resp: 61613

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

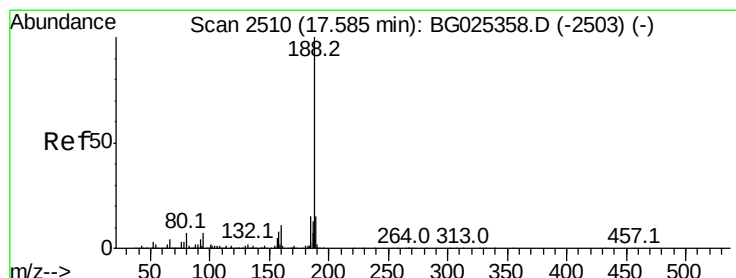
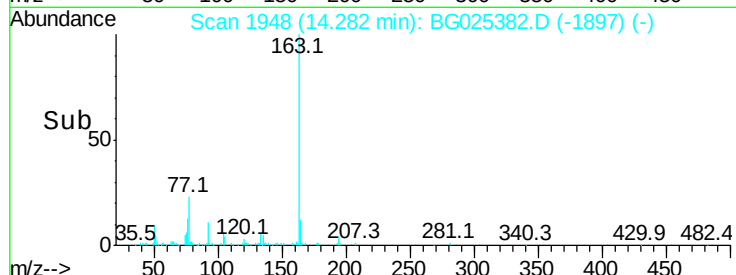
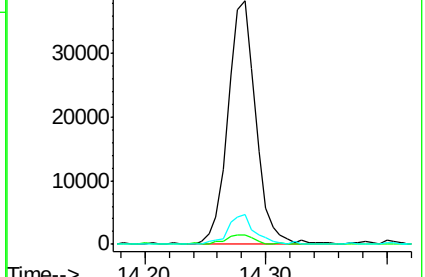
164 12.1 9.3 13.9



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: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025382.D

Acq: 22 Dec 2016 10:11

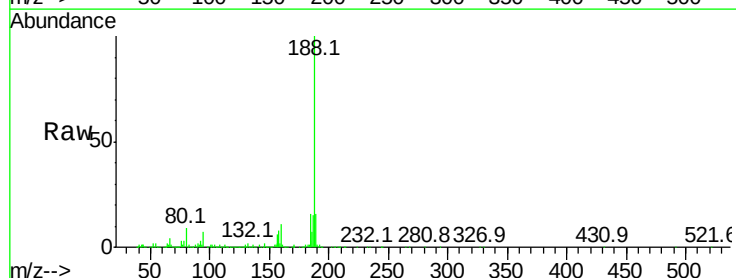
Tgt Ion:188 Resp: 390206

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

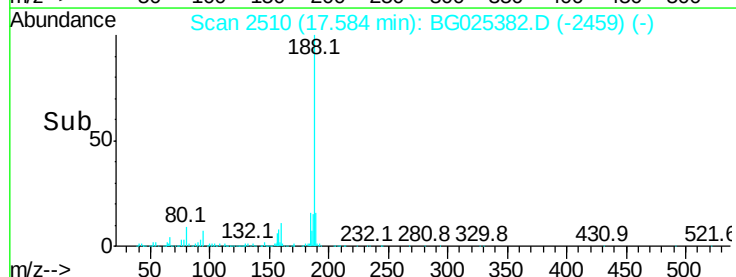
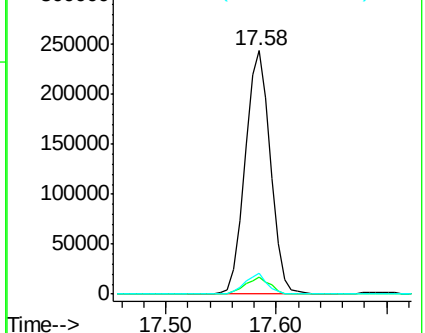
80 8.6 7.5 11.3

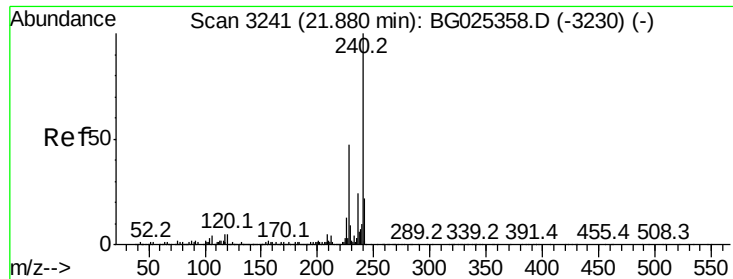


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BG025382.D

Acq: 22 Dec 2016 10:11

Instrument :

BNA_G

ClientSampleId :

MW-15

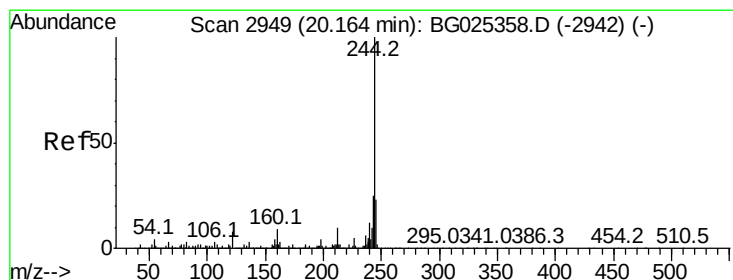
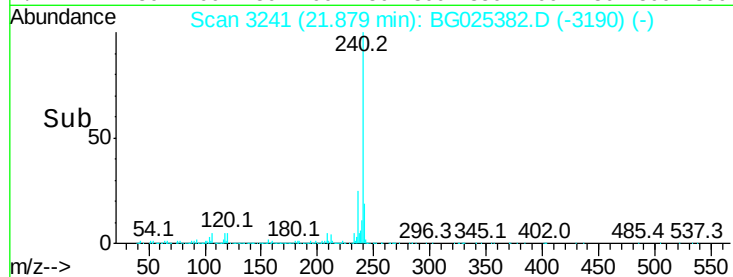
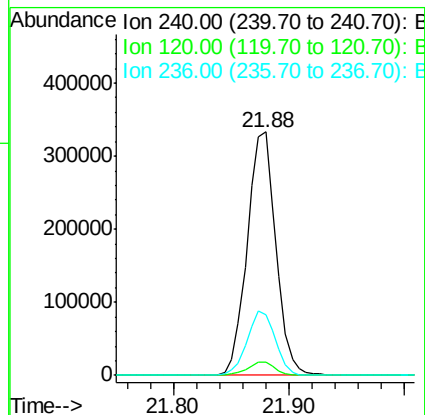
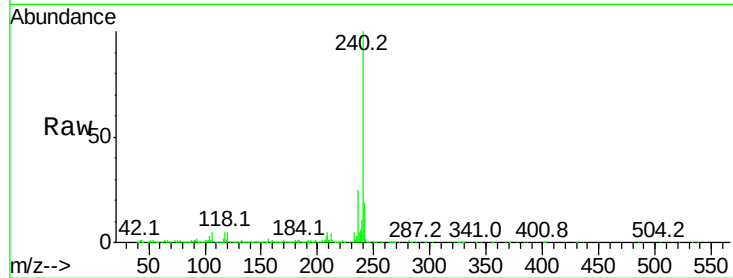
Tot Ion:240 Resp: 575441

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

236 25.1 22.2 33.4



#78

Terphenyl-d14

Concen: 85.45 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025382.D

Acq: 22 Dec 2016 10:11

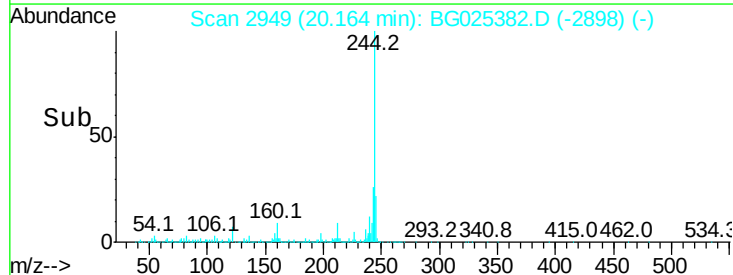
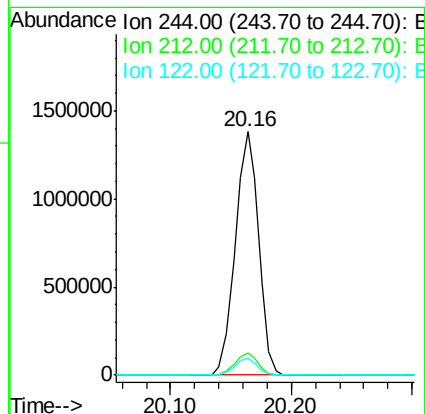
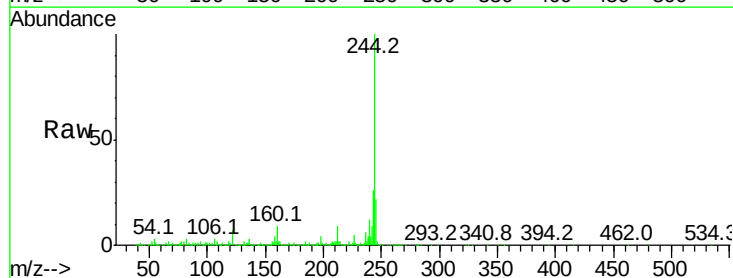
Tgt Ion:244 Resp: 1854436

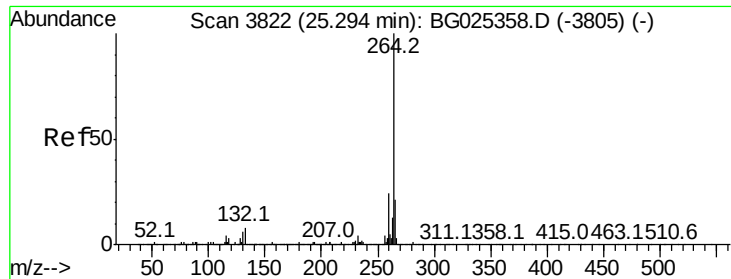
Ion Ratio Lower Upper

244 100

212 9.2 10.0 15.0#

122 7.2 8.6 12.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.29 min Scan# 3821
 Delta R.T. -0.01 min
 Lab File: BG025382.D
 Acq: 22 Dec 2016 10:11

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	22.4	18.2	27.4

