

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025381.D
 Acq On : 22 Dec 2016 9:31
 Operator : UM/SJ
 Sample : H6166-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Quant Time: Dec 22 13:20:16 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

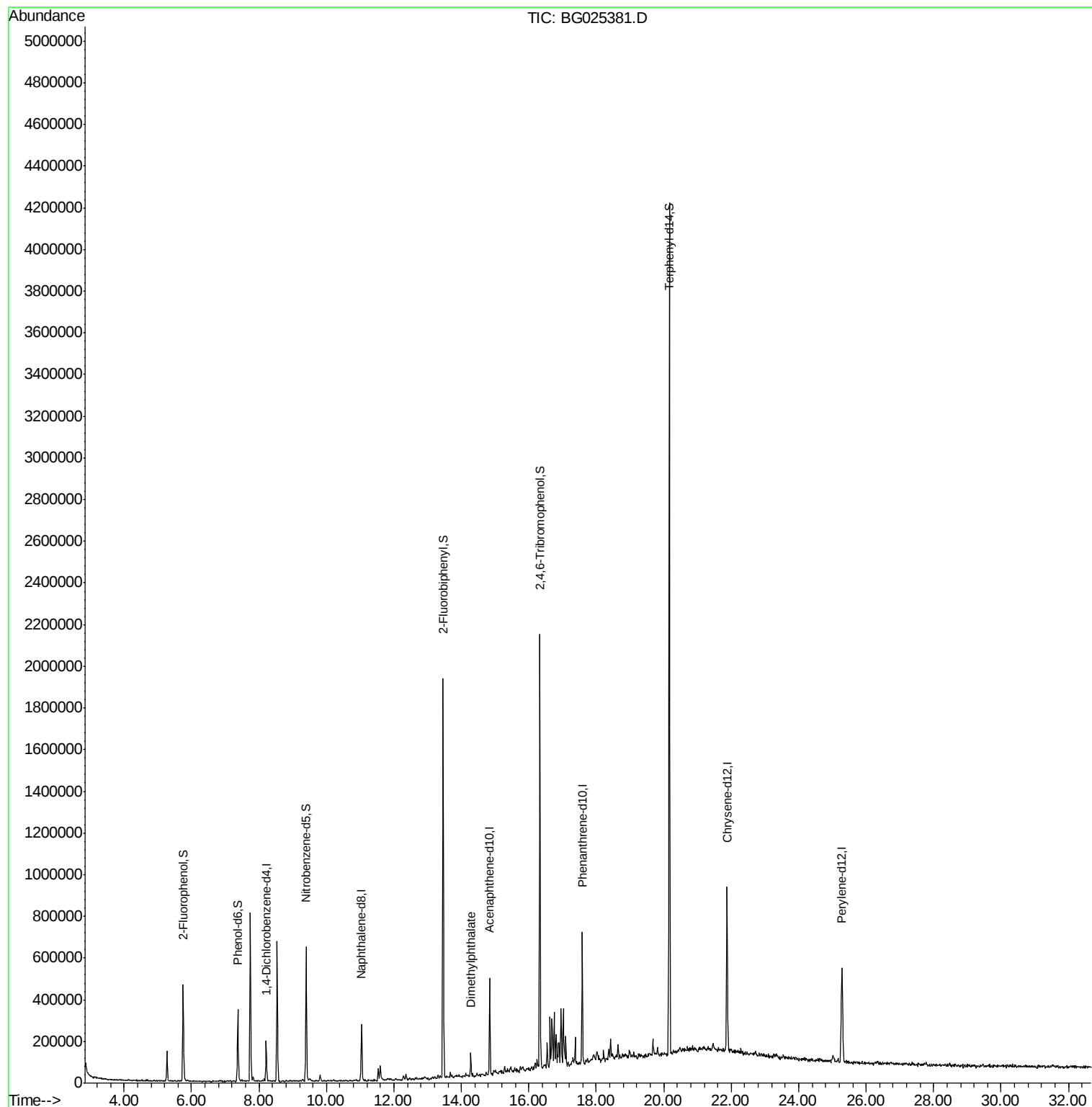
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49743	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	213680	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	174354	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	388617	20.00	ng	0.00
75) Chrysene-d12	21.87	240	547754	20.00	ng	0.00
86) Perylene-d12	25.28	264	564201	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	186842	68.27	ng	0.00
7) Phenol-d6	7.37	99	190662	49.47	ng	0.00
23) Nitrobenzene-d5	9.39	82	407582	84.26	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	407470	145.16	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	942053	87.48	ng	0.00
78) Terphenyl-d14	20.16	244	1689989	81.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	70167	5.52	ng	Qvalue # 93

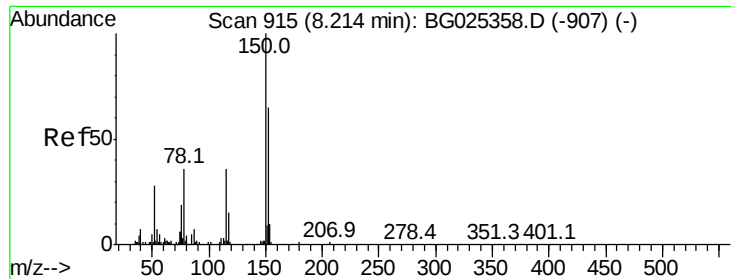
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

Instrument :

BNA_G

ClientSampleId :

MW-14

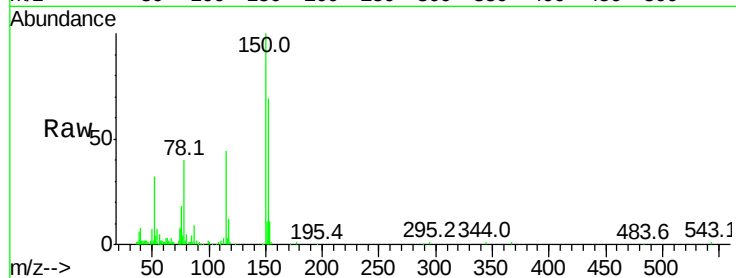
Tot Ion:152 Resp: 49743

Ion Ratio Lower Upper

152 100

150 145.3 114.0 171.0

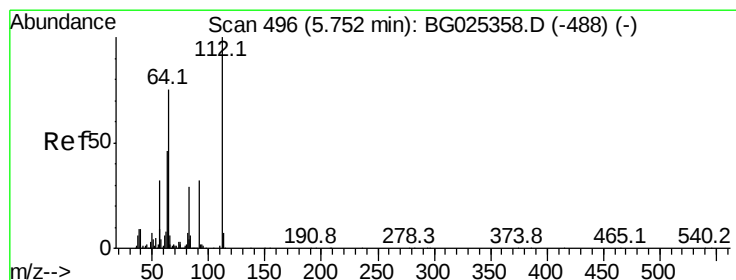
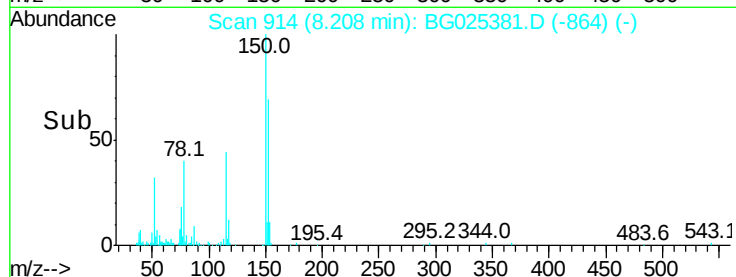
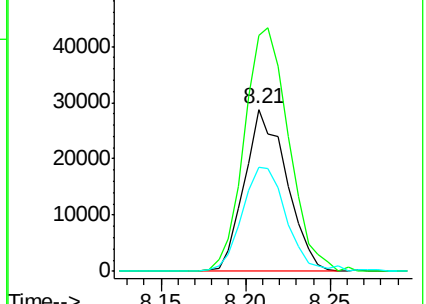
115 64.0 48.1 72.1



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: 68.27 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

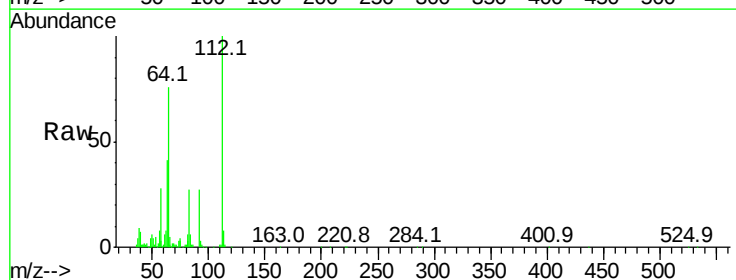
Tgt Ion:112 Resp: 186842

Ion Ratio Lower Upper

112 100

64 75.6 61.8 92.6

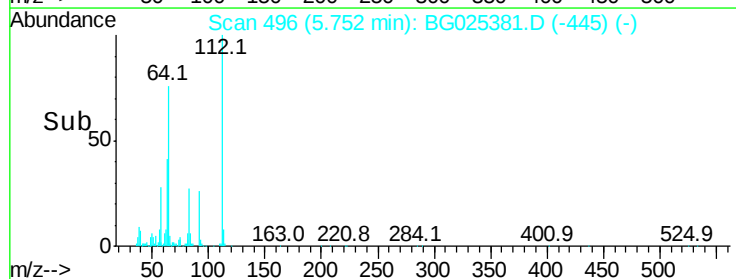
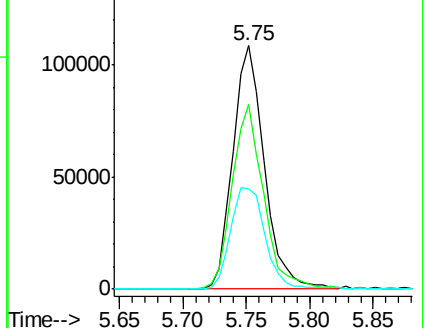
63 41.4 37.2 55.8

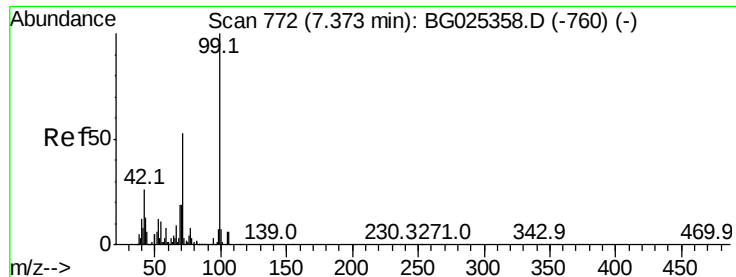


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.47 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

Instrument :

BNA_G

ClientSampleId :

MW-14

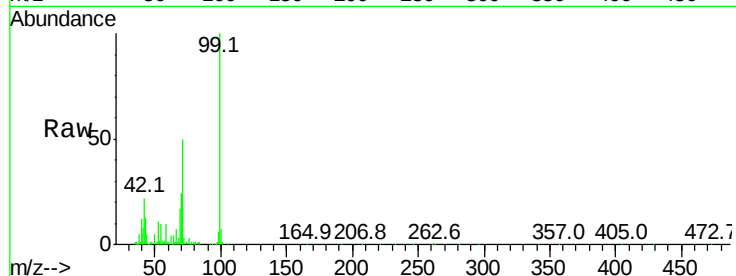
Tot Ion: 99 Resp: 190662

Ion Ratio Lower Upper

99 100

42 22.3 20.5 30.7

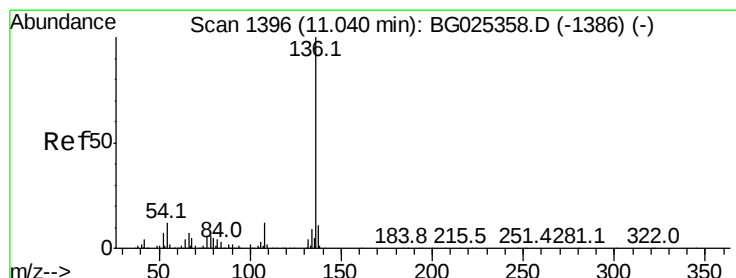
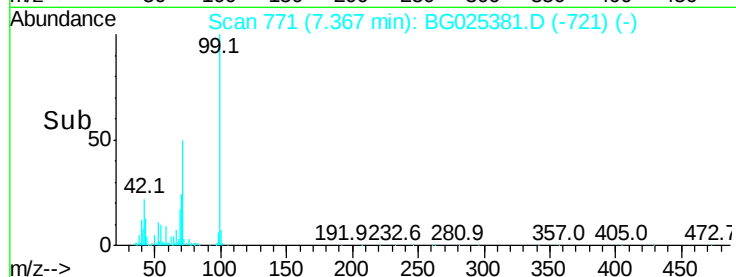
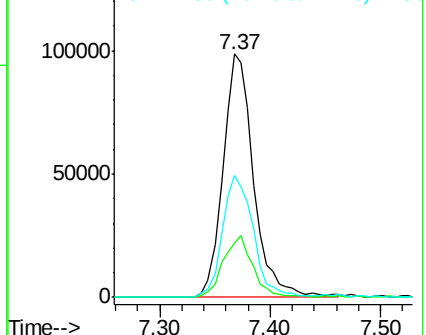
71 49.9 37.6 56.4



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: 11.05 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

Tgt Ion: 136 Resp: 213680

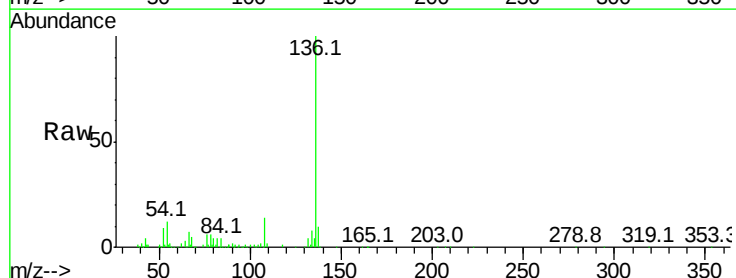
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 12.0 9.3 13.9

68 4.9 5.1 7.7#

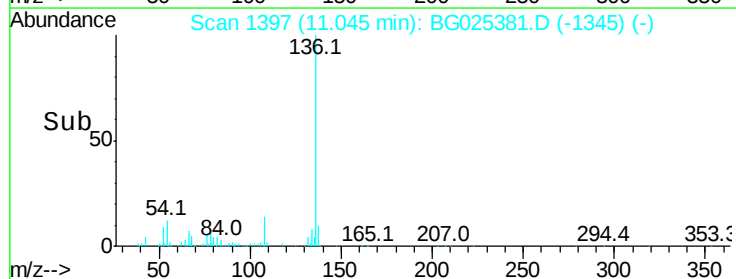
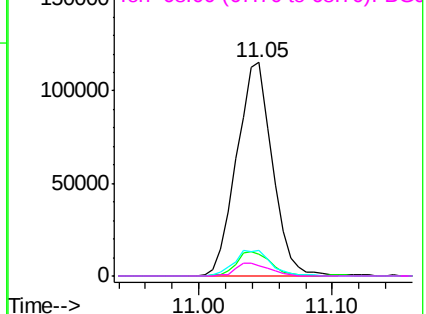


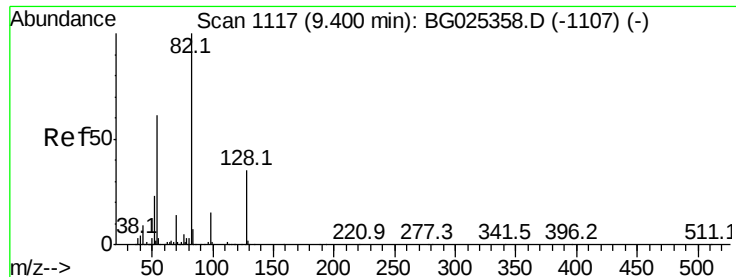
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

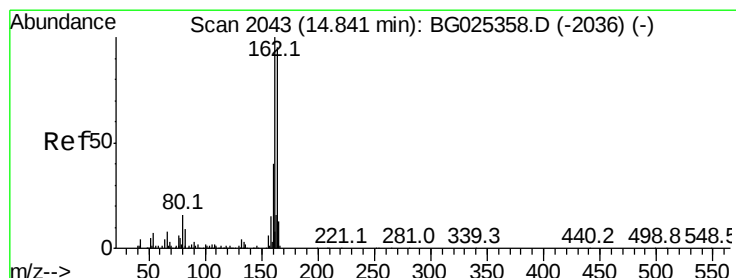
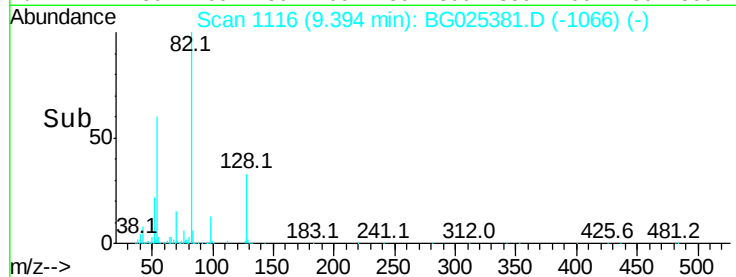
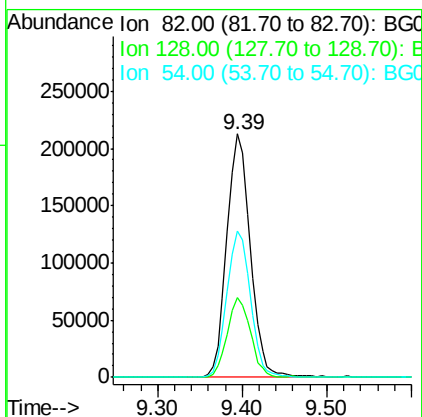
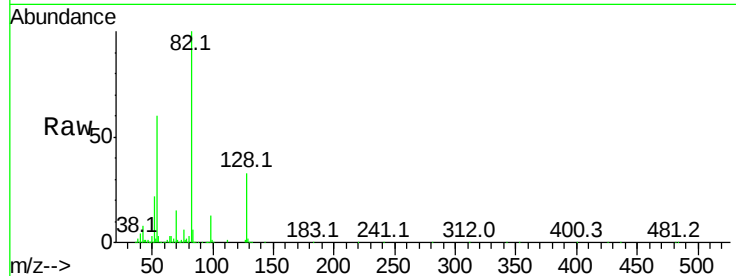




#23
 Nitrobenzene-d5
 Concen: 84.26 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025381.D
 Acq: 22 Dec 2016 9:31

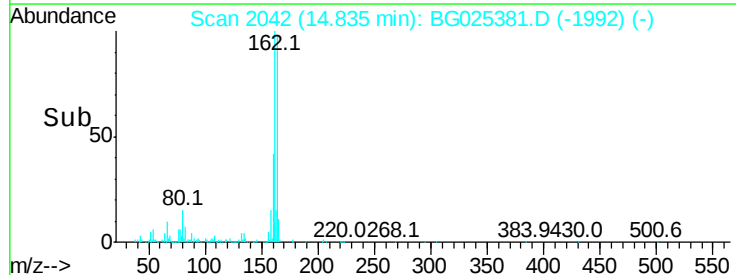
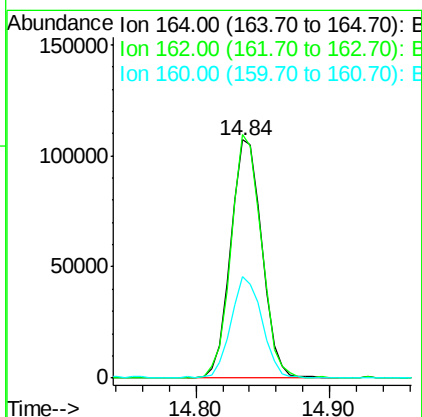
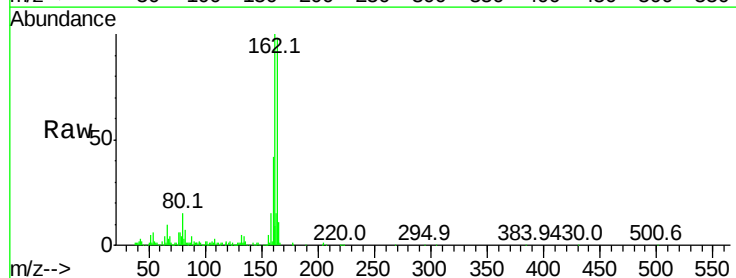
Instrument :
 BNA_G
 ClientSampled :
 MW-14

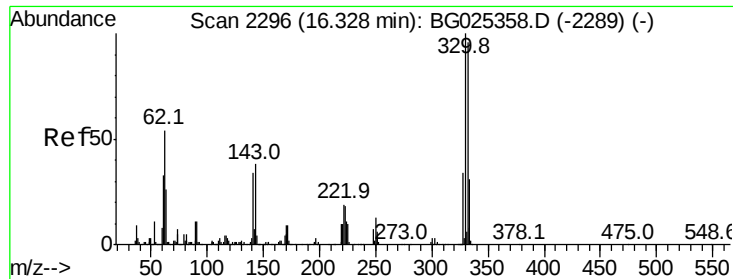
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.7	26.4	39.6
54	59.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.84 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG025381.D
 Acq: 22 Dec 2016 9:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.1	127.7
160	42.9	34.7	52.1

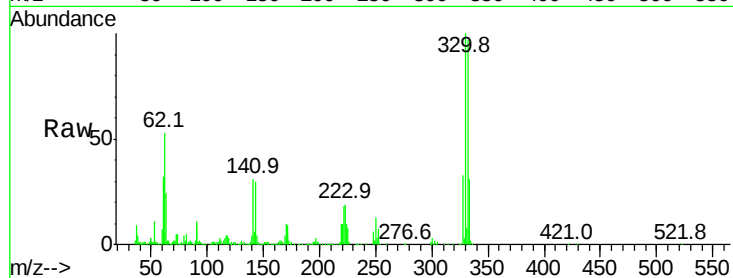




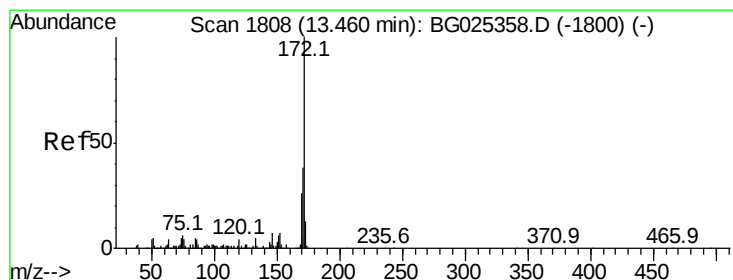
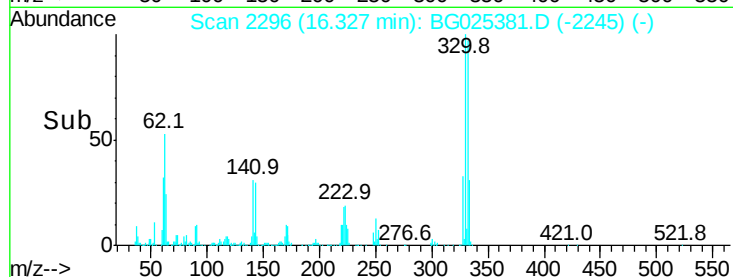
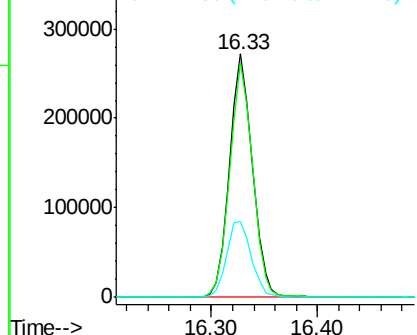
#41
 2,4,6-Tribromophenol
 Concen: 145.16 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025381.D
 Acq: 22 Dec 2016 9:31

Instrument :
 BNA_G
 ClientSampled :
 MW-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	34.0	32.1	48.1

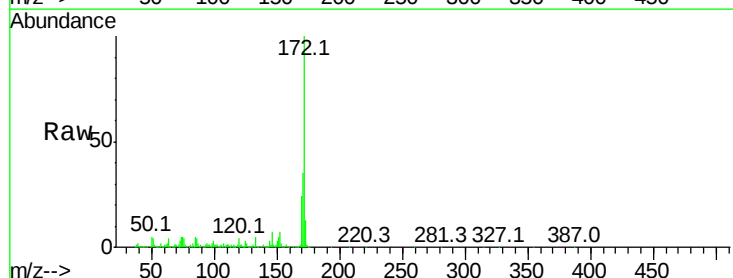


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

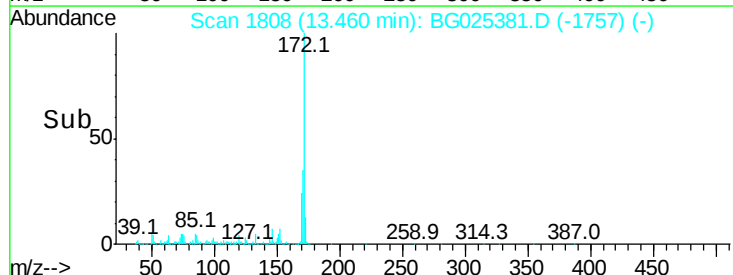
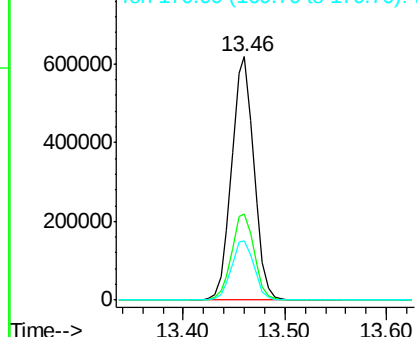


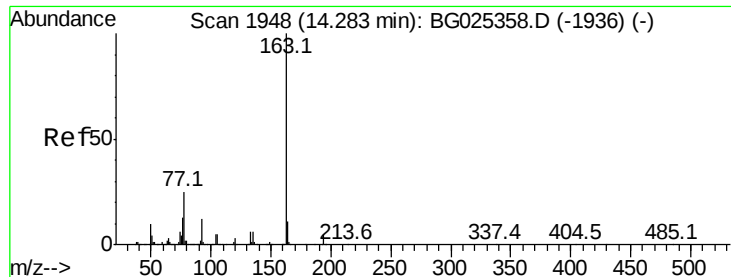
#44
 2-Fluorobiphenyl
 Concen: 87.48 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG025381.D
 Acq: 22 Dec 2016 9:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	24.2	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.52 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

Instrument :

BNA_G

ClientSampleId :

MW-14

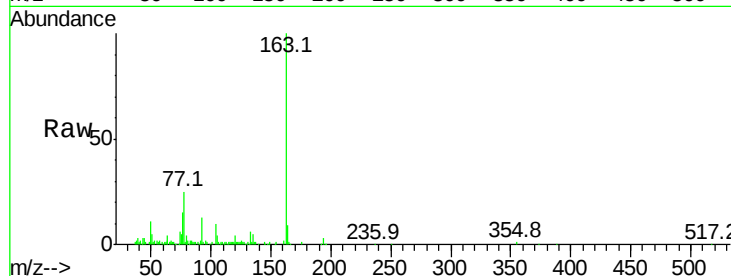
Tot Ion:163 Resp: 70167

Ion Ratio Lower Upper

163 100

194 3.0 3.8 5.6#

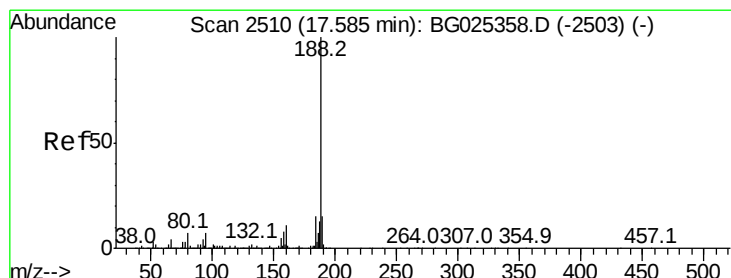
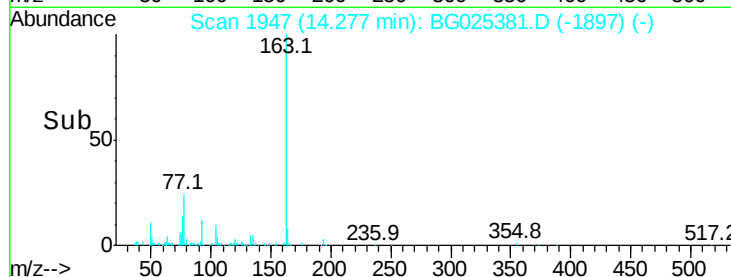
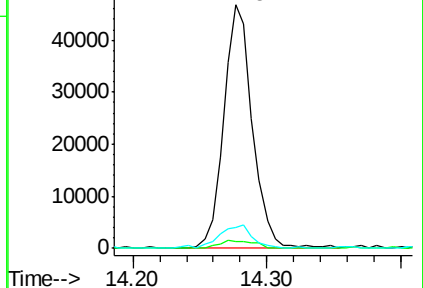
164 8.7 9.3 13.9#



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: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025381.D

Acq: 22 Dec 2016 9:31

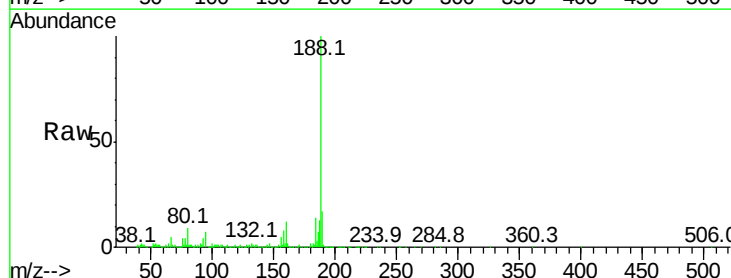
Tgt Ion:188 Resp: 388617

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

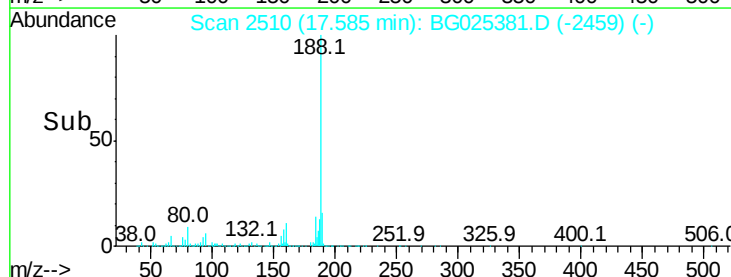
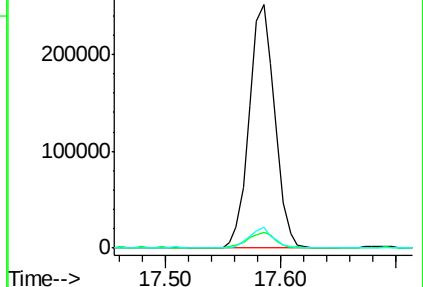
80 8.6 7.5 11.3

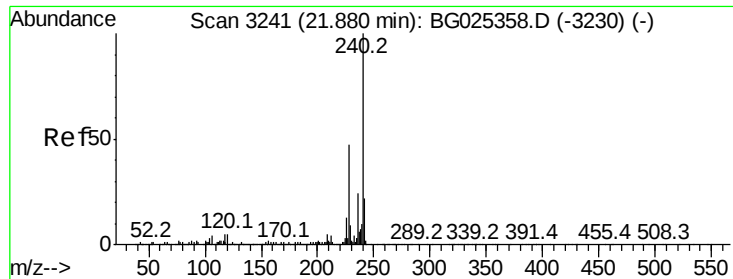


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

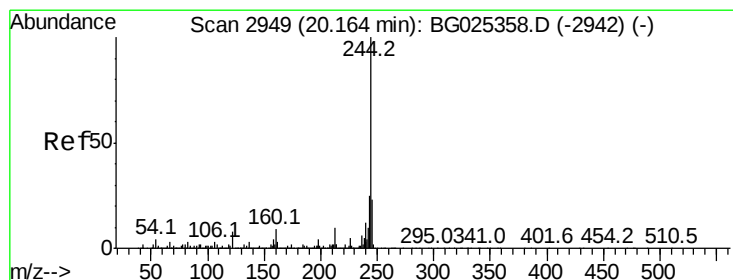
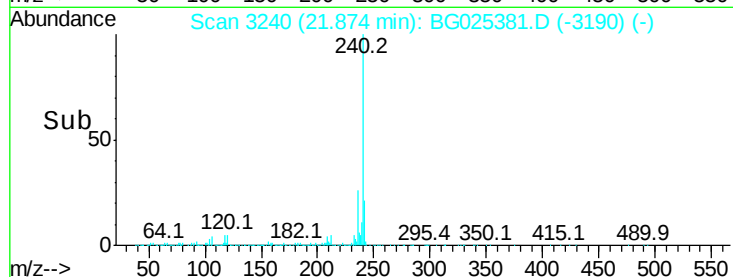
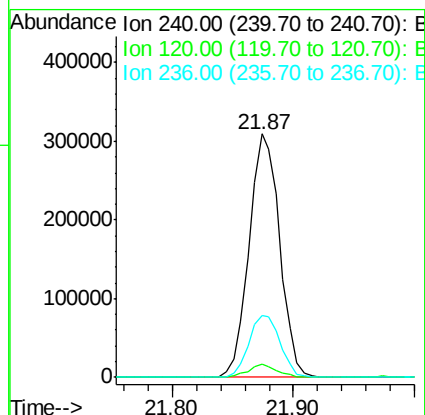
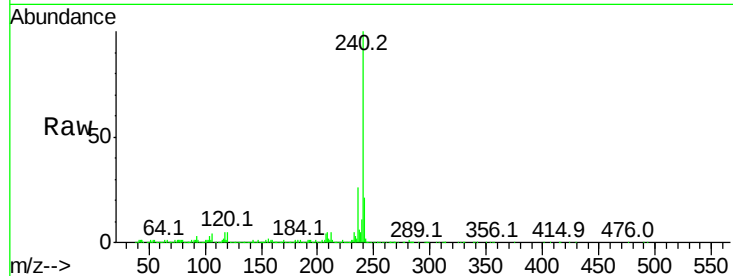




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

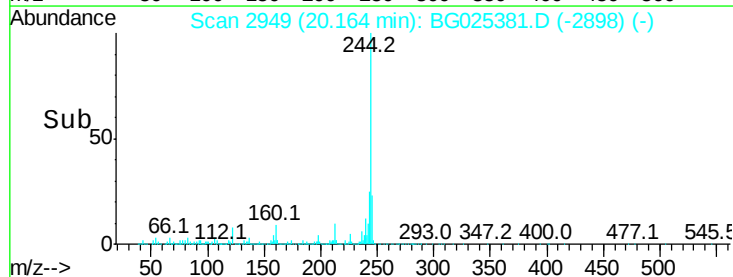
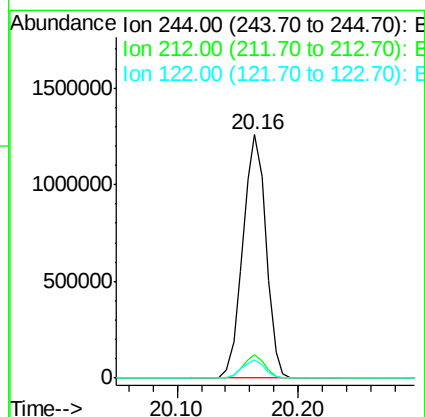
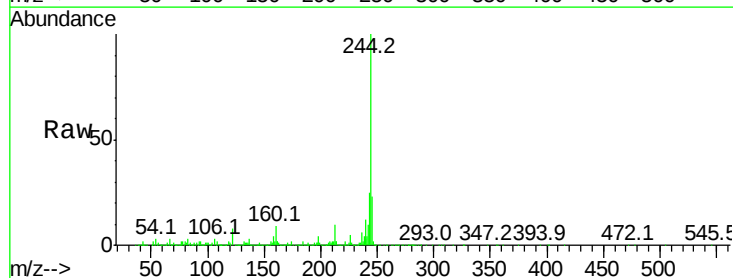
Instrument :
BNA_G
ClientSampleId :
MW-14

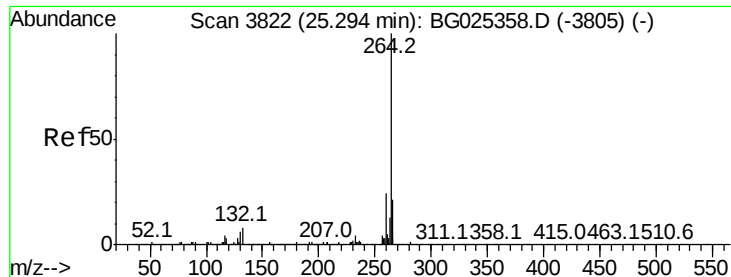
Tot Ion:240 Resp: 547754
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 25.6 22.2 33.4



#78
Terphenyl-d14
Concen: 81.80 ng
RT: 20.16 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG025381.D
Acq: 22 Dec 2016 9:31

Tgt Ion:244 Resp: 1689989
Ion Ratio Lower Upper
244 100
212 9.8 10.0 15.0#
122 7.6 8.6 12.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3820
 Delta R.T. -0.01 min
 Lab File: BG025381.D
 Acq: 22 Dec 2016 9:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	20.1	18.2	27.4

