

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025389.D
 Acq On : 22 Dec 2016 14:47
 Operator : UM/SJ
 Sample : H6166-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22

Quant Time: Dec 23 00:22:49 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

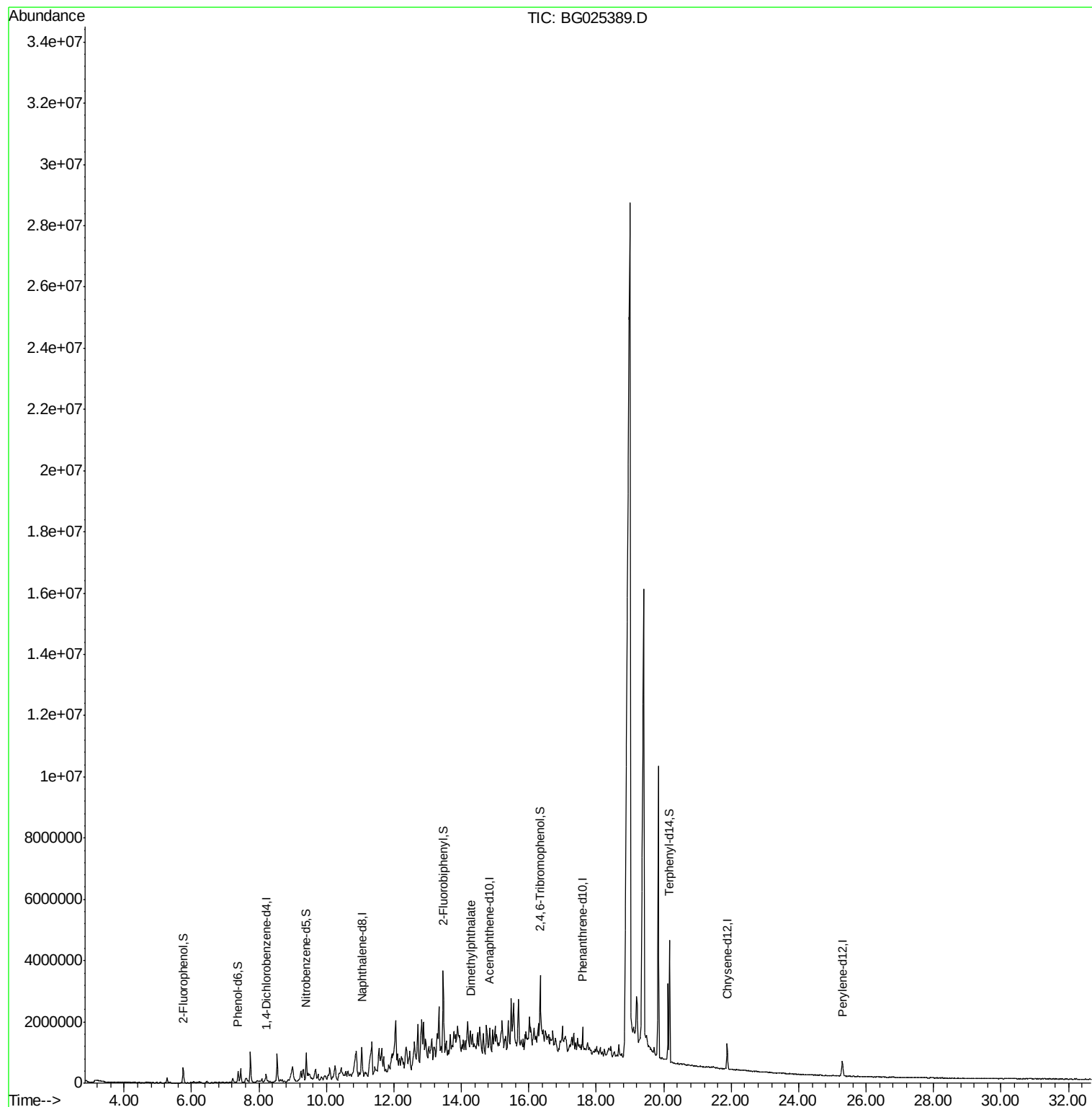
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	58956	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	250998	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	218593	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	431973	20.00	ng	0.00
75) Chrysene-d12	21.88	240	558963	20.00	ng	0.00
86) Perylene-d12	25.29	264	592956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	211310	65.15	ng	0.00
7) Phenol-d6	7.38	99	184894	40.48	ng	0.00
23) Nitrobenzene-d5	9.39	82	550573	96.90	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	458578	130.31	ng	0.01
44) 2-Fluorobiphenyl	13.46	172	1175758	87.08	ng	0.00
78) Terphenyl-d14	20.17	244	1630017	77.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.29	163	71968	4.52	ng	Qvalue 96

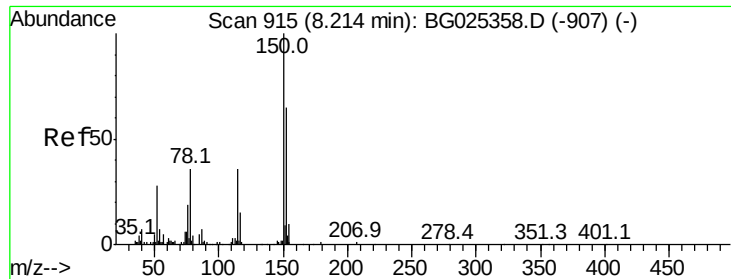
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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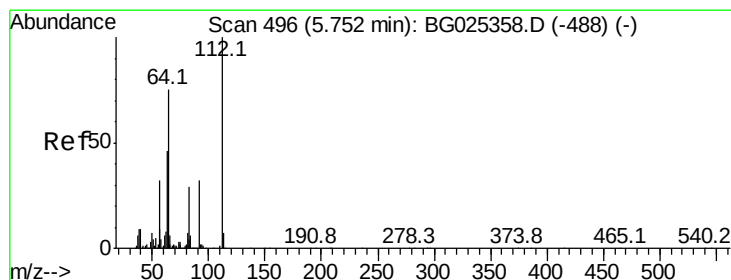
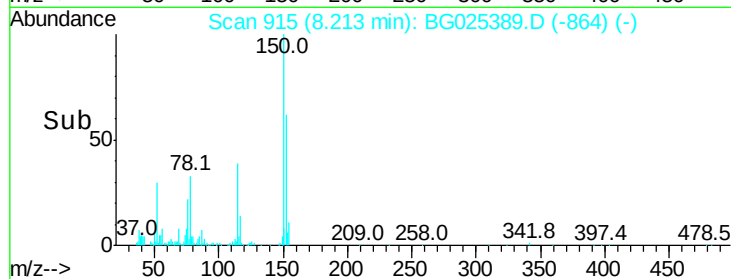
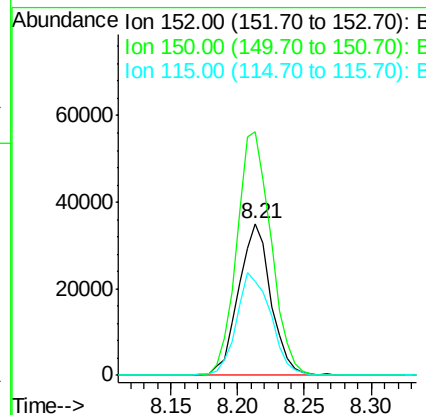
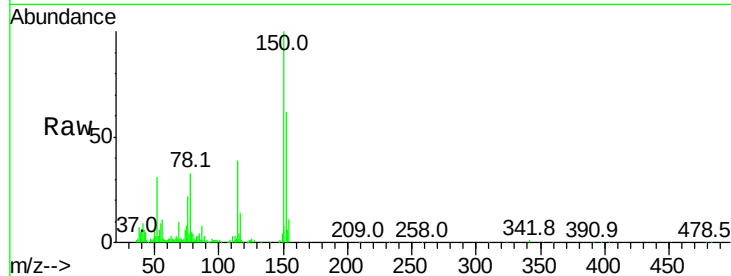


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Instrument :
BNA_G
ClientSampleId :
MW-22

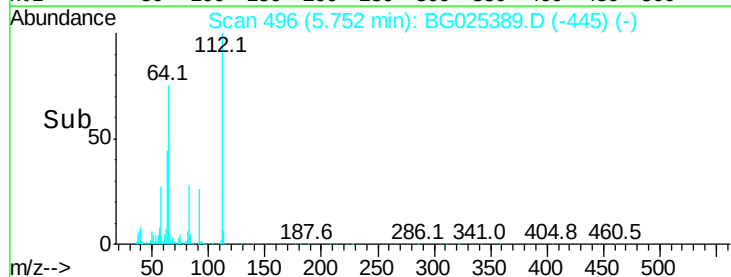
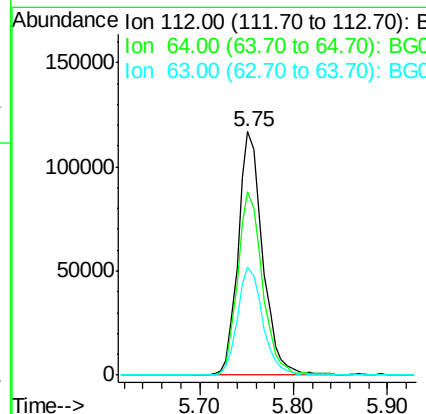
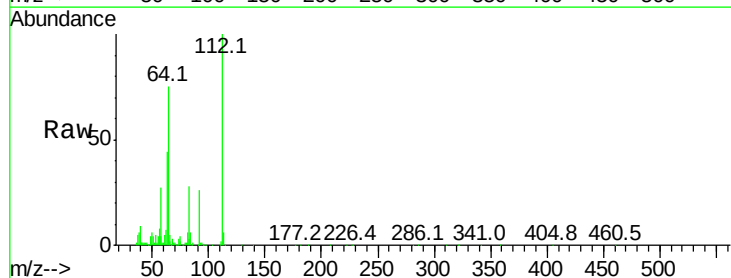
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	114.0	171.0
115	61.9	48.1	72.1

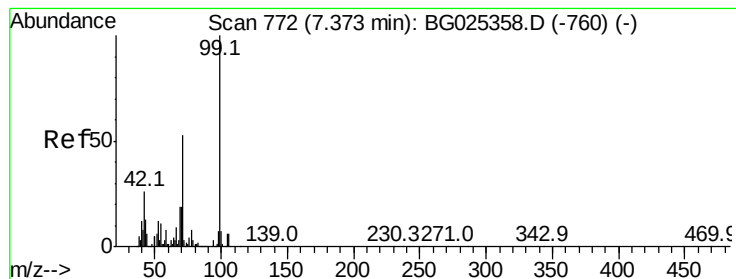


#5

2-Fluorophenol
Concen: 65.15 ng
RT: 5.75 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.8	92.6
63	44.2	37.2	55.8





#7

Phenol-d6

Concen: 40.48 ng

RT: 7.38 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

Instrument :

BNA_G

ClientSampleId :

MW-22

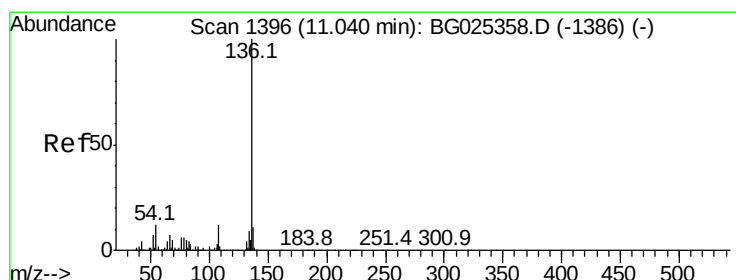
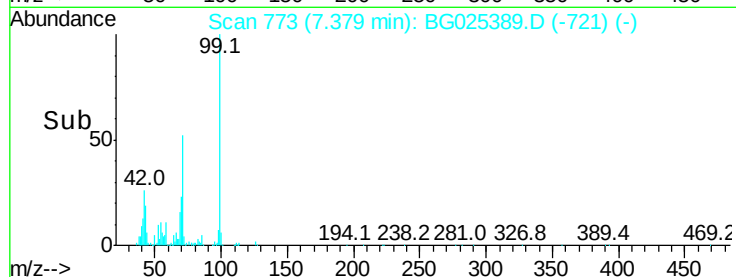
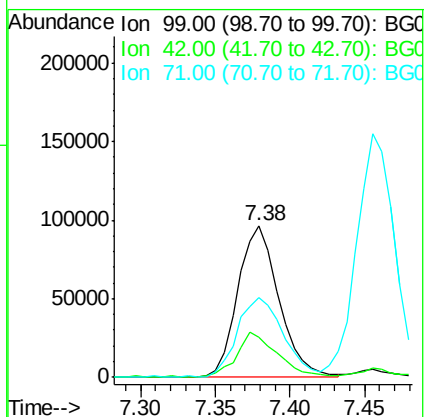
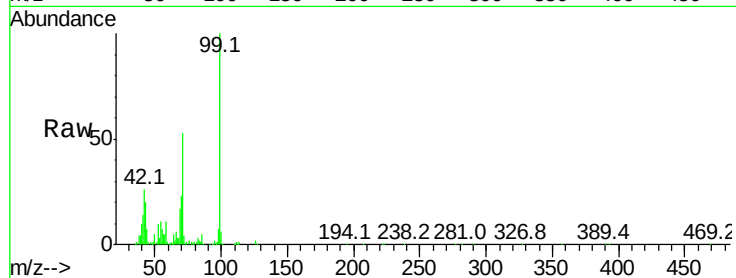
Tot Ion: 99 Resp: 184894

Ion Ratio Lower Upper

99 100

42 26.0 20.5 30.7

71 52.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

Tgt Ion: 136 Resp: 250998

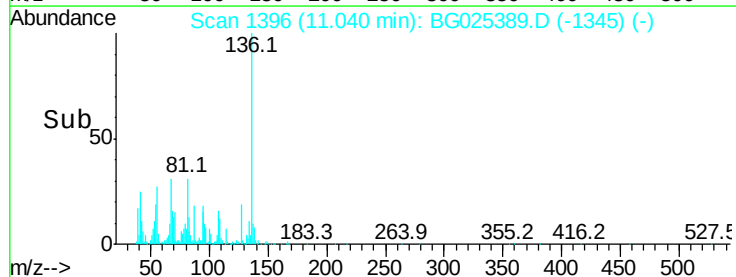
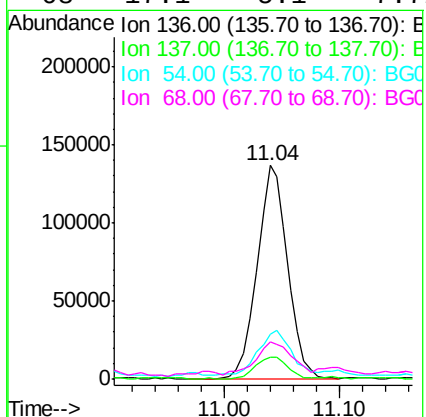
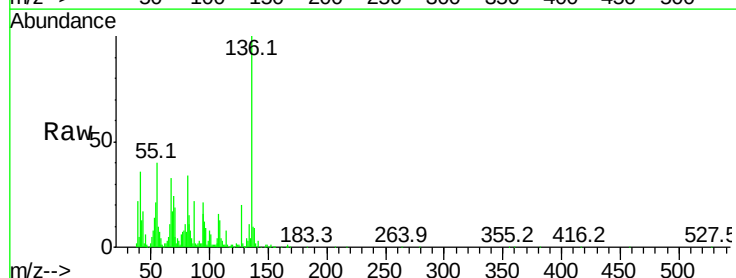
Ion Ratio Lower Upper

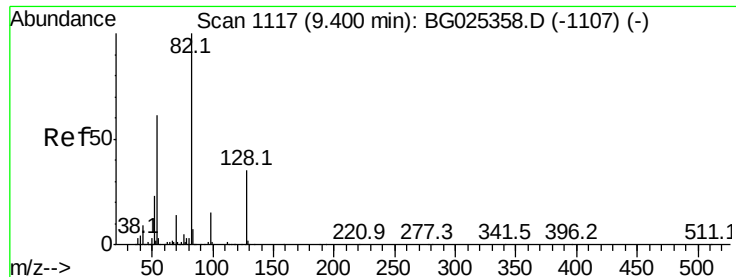
136 100

137 10.3 8.9 13.3

54 20.9 9.3 13.9#

68 17.1 5.1 7.7#

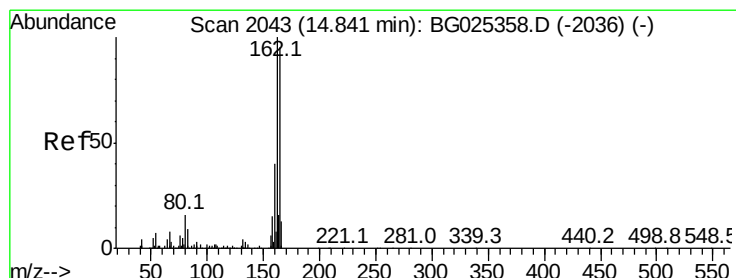
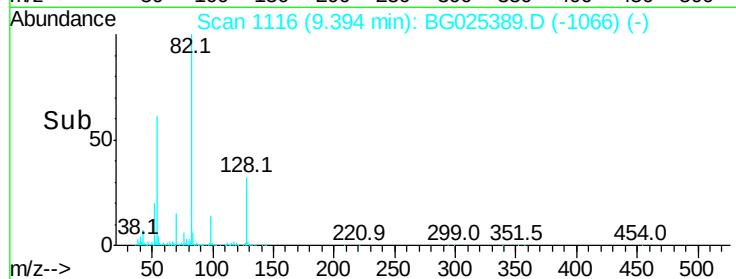
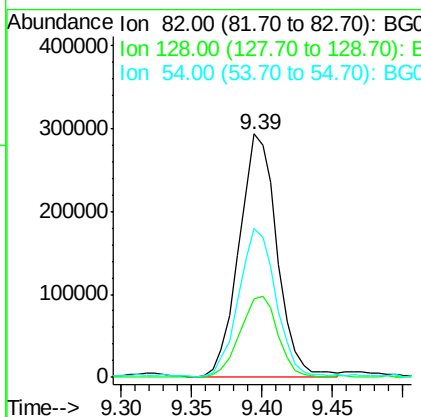
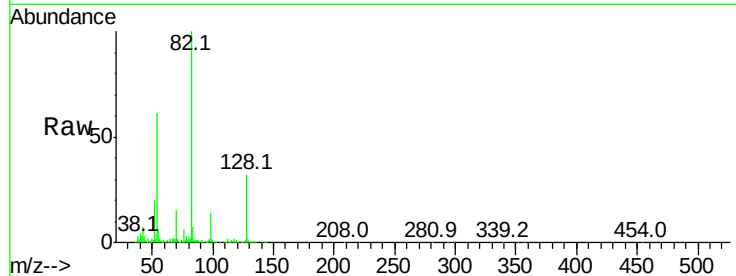




#23
Nitrobenzene-d5
Concen: 96.90 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

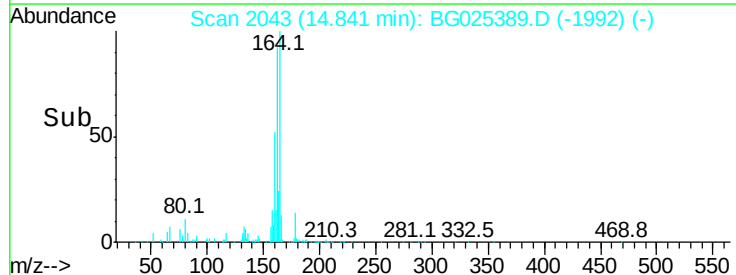
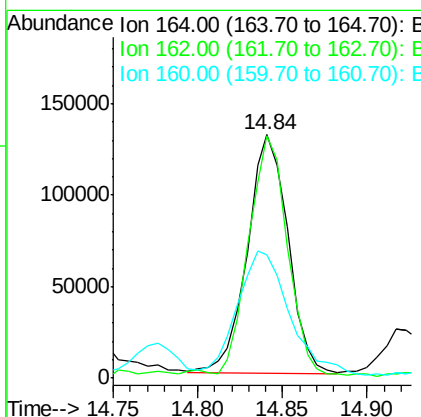
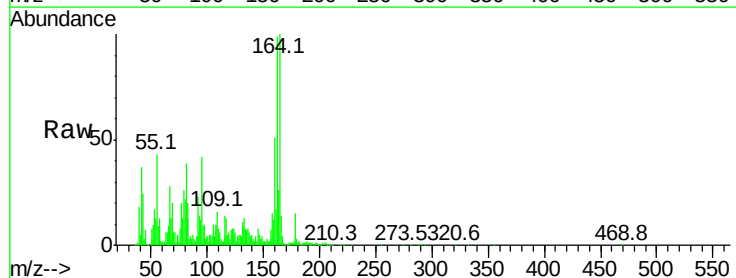
Instrument :
BNA_G
ClientSampleId :
MW-22

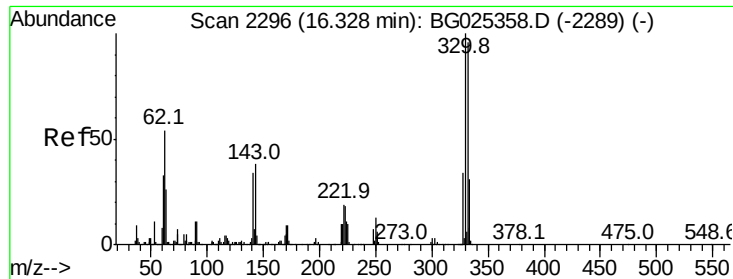
Tot Ion	82	Resp	550573
Ion Ratio	100	Lower	Upper
128	32.0	26.4	39.6
54	61.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Tgt Ion	164	Resp	218593
Ion Ratio	100	Lower	Upper
162	99.3	85.1	127.7
160	50.8	34.7	52.1

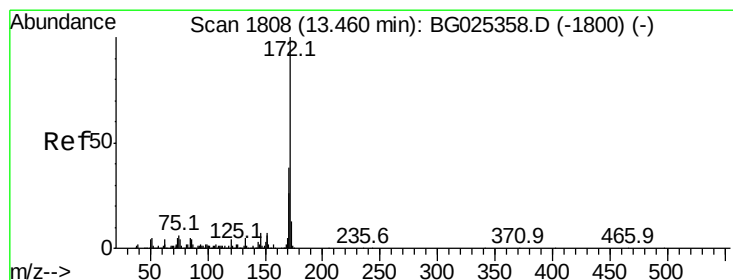
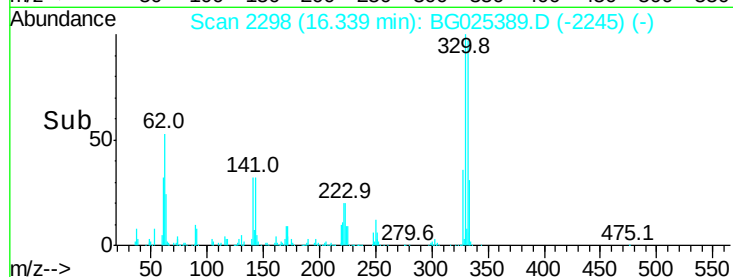
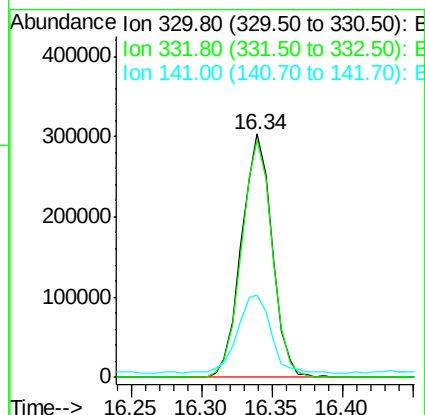
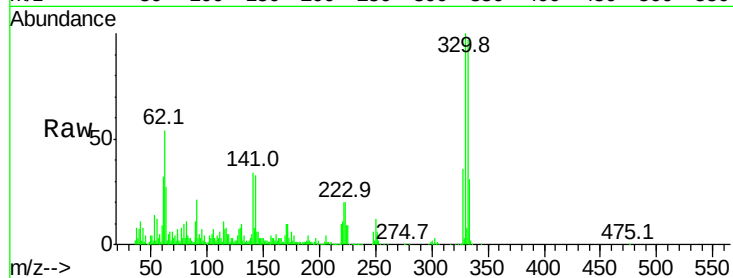




#41
 2,4,6-Tribromophenol
 Concen: 130.31 ng
 RT: 16.34 min Scan# 2298
 Delta R.T. 0.01 min
 Lab File: BG025389.D
 Acq: 22 Dec 2016 14:47

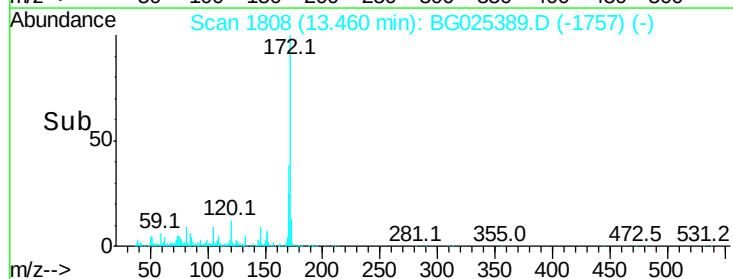
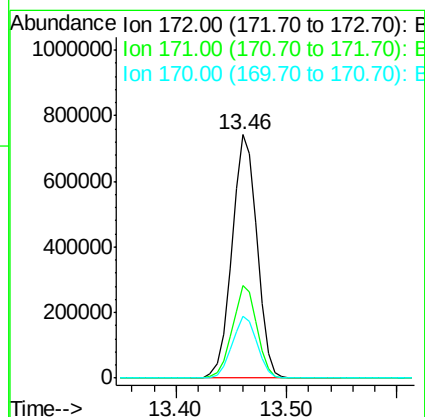
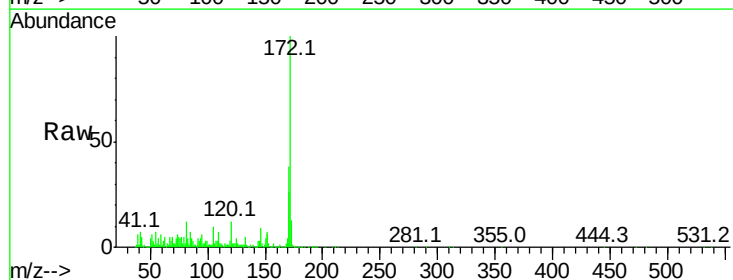
Instrument :
 BNA_G
 ClientSampleId :
 MW-22

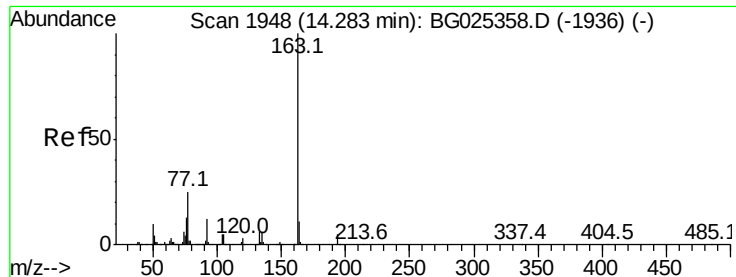
Tot Ion:330 Resp: 458578
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 34.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 87.08 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG025389.D
 Acq: 22 Dec 2016 14:47

Tgt Ion:172 Resp: 1175758
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.2 48.2
 170 25.5 21.8 32.6





#49

Dimethylphthalate

Concen: 4.52 ng

RT: 14.29 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

Instrument :

BNA_G

ClientSampleId :

MW-22

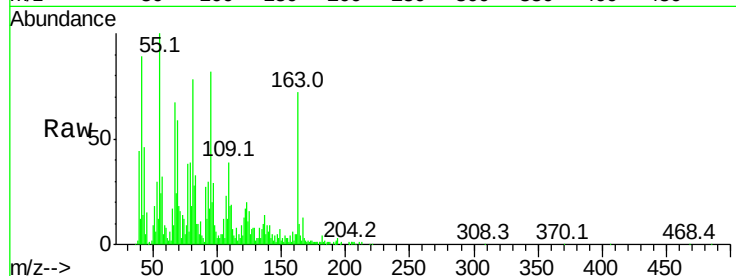
Tot Ion:163 Resp: 71968

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

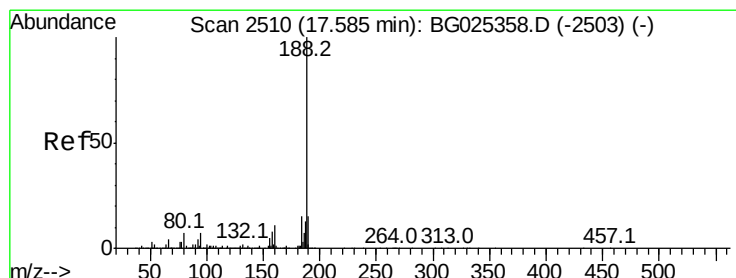
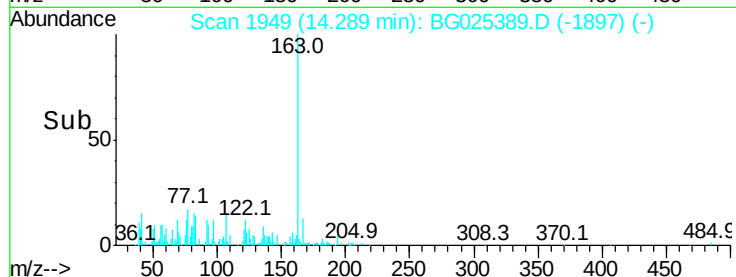
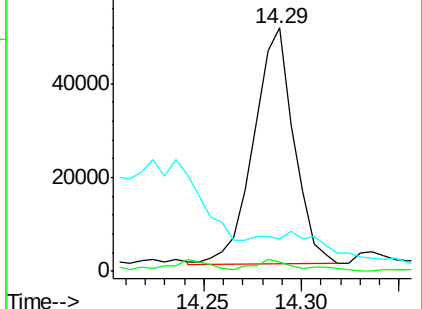
164 13.2 9.3 13.9



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# 2511

Delta R.T. 0.01 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

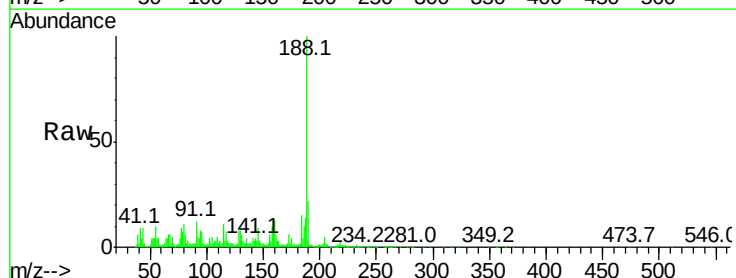
Tgt Ion:188 Resp: 431973

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.8

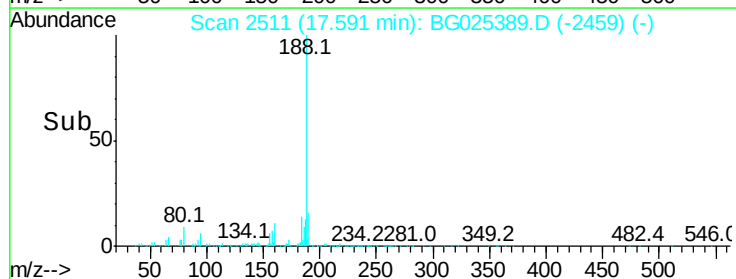
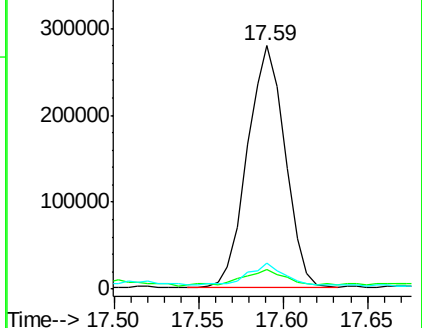
80 10.8 7.5 11.3

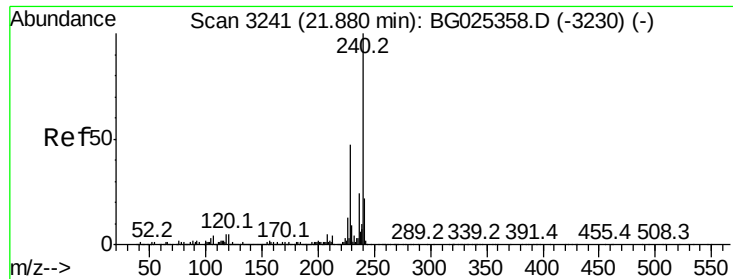


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.88 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

Instrument :

BNA_G

ClientSampled :

MW-22

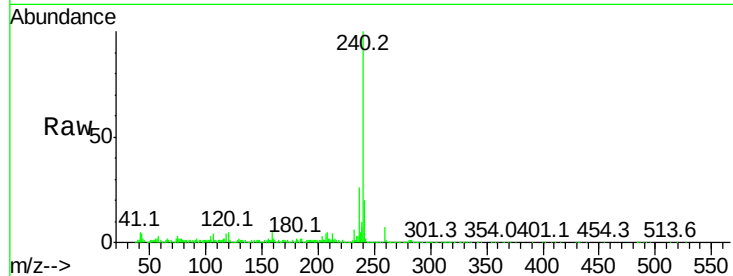
Tot Ion:240 Resp: 558963

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

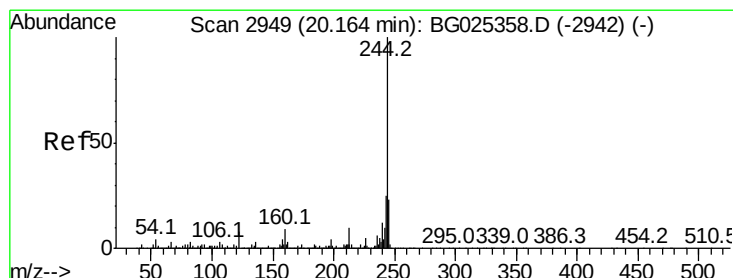
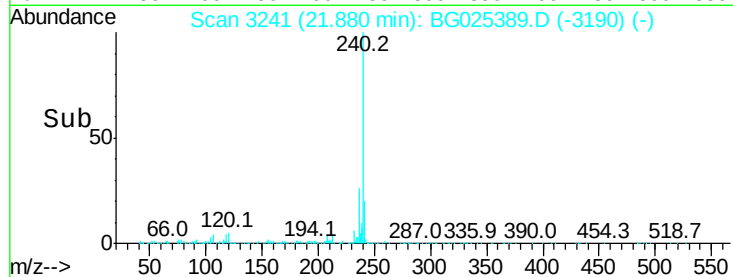
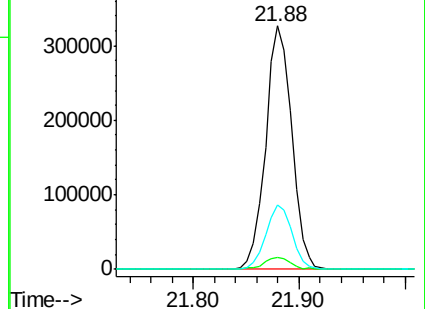
236 26.4 22.2 33.4



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: 77.32 ng

RT: 20.17 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BG025389.D

Acq: 22 Dec 2016 14:47

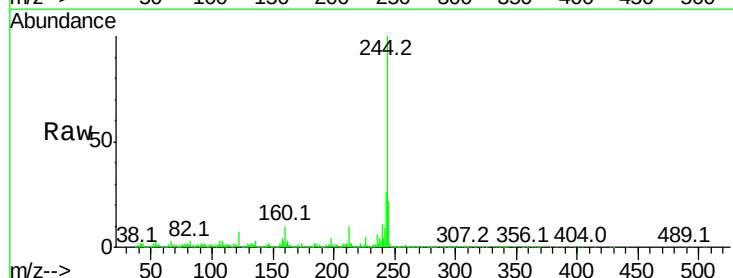
Tgt Ion:244 Resp: 1630017

Ion Ratio Lower Upper

244 100

212 10.4 10.0 15.0

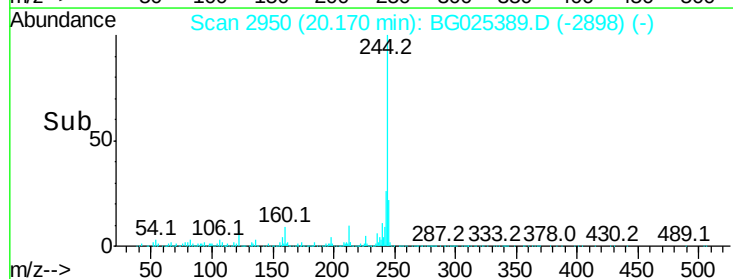
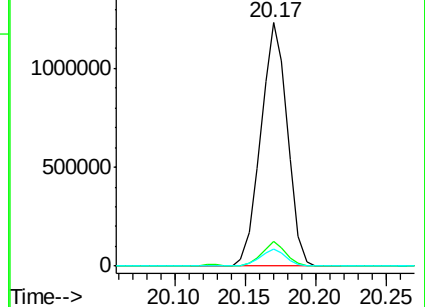
122 6.9 8.6 12.8#

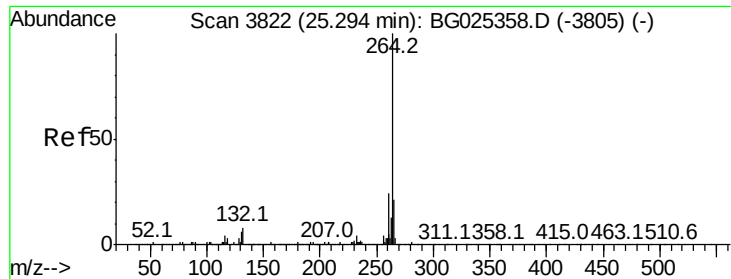


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

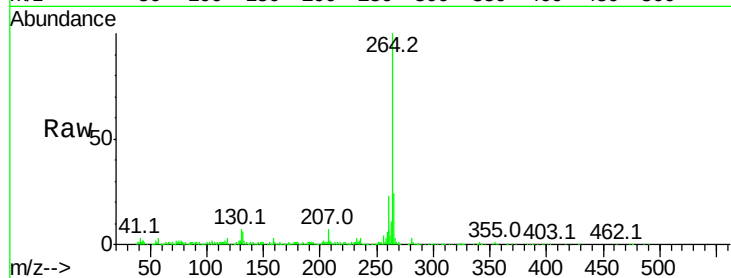




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. -0.00 min
Lab File: BG025389.D
Acq: 22 Dec 2016 14:47

Instrument :
BNA_G
ClientSampleId :
MW-22

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	23.7	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

