

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022359.D
 Acq On : 15 Jun 2016 8:03
 Operator : UM/SJ
 Sample : H3542-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Jun 15 14:13:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

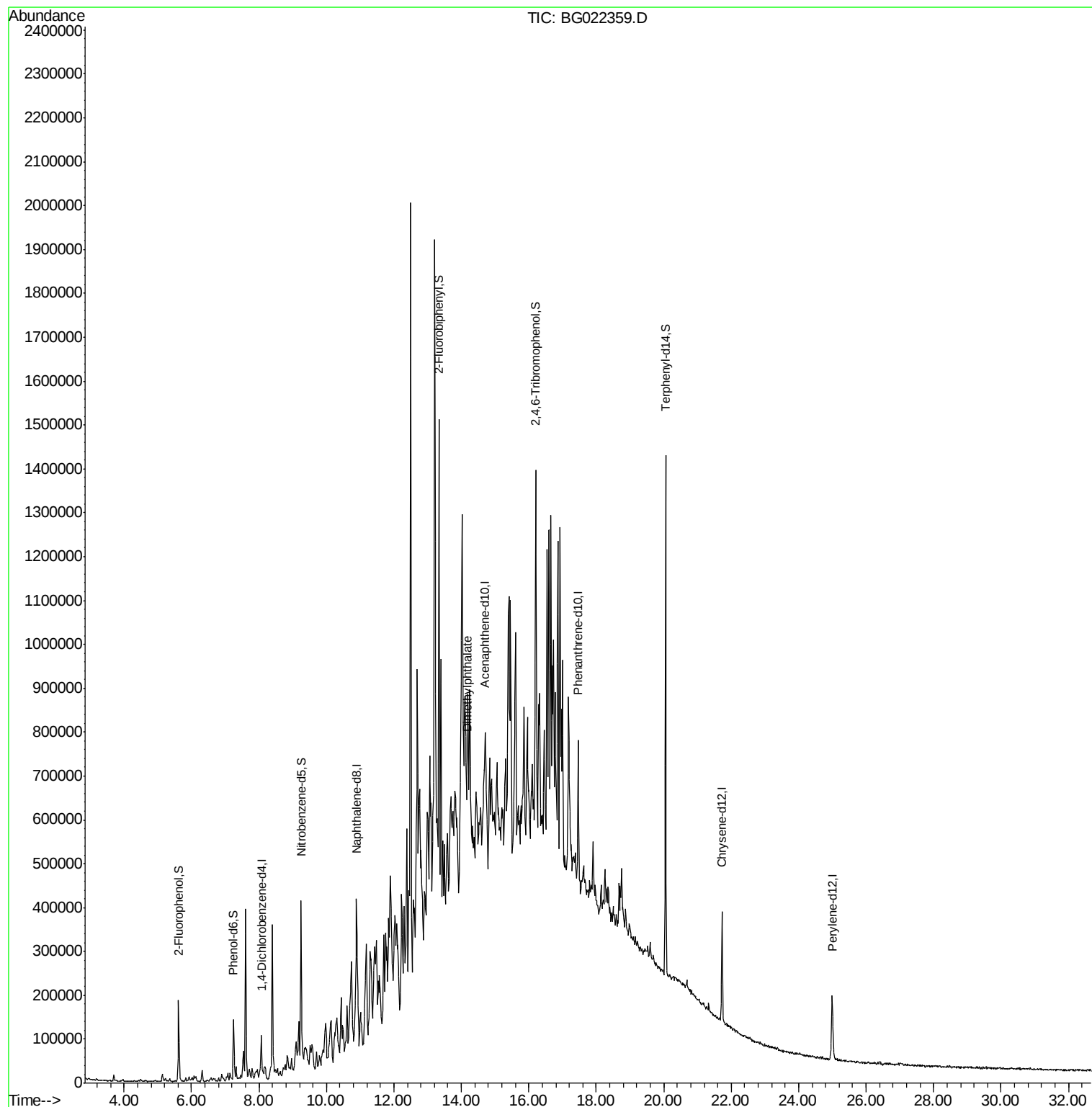
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	30423	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	160675	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	98394	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	179485	20.00	ng	0.00
75) Chrysene-d12	21.73	240	155224	20.00	ng	-0.01
86) Perylene-d12	24.99	264	151872	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	120139	76.35	ng	-0.02
7) Phenol-d6	7.24	99	119879	48.46	ng	0.00
23) Nitrobenzene-d5	9.25	82	212856	92.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	128124	115.24	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	558980	86.58	ng	0.00
78) Terphenyl-d14	20.05	244	528857	80.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.16	163	30907	3.79	ng	Qvalue # 64

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.02 min

Lab File: BG022359.D

Acq: 15 Jun 2016 8:03

Instrument :

BNA_G

ClientSampled :

MW-02

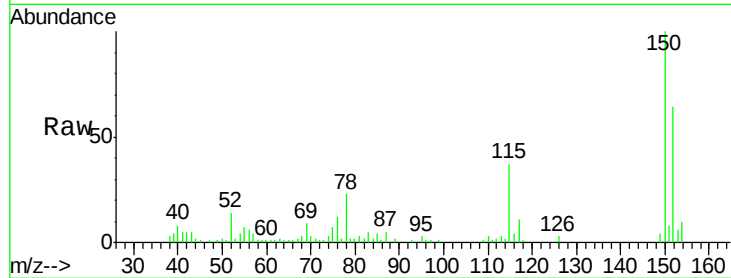
Tot Ion:152 Resp: 30423

Ion Ratio Lower Upper

152 100

150 156.6 130.1 195.1

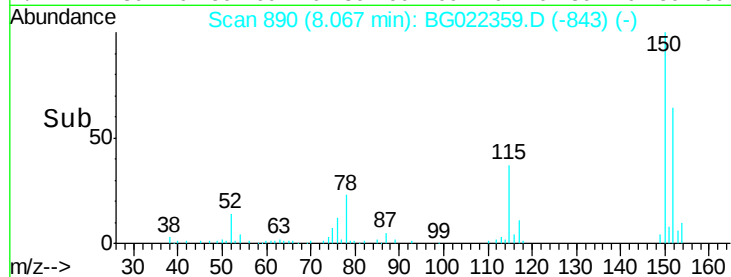
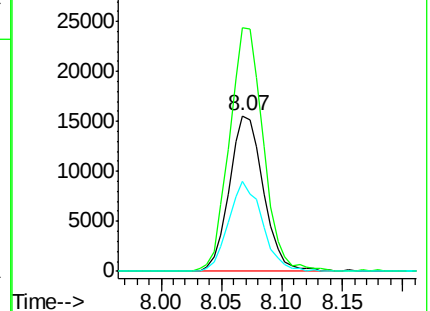
115 57.9 62.2 93.2#



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: 76.35 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022359.D

Acq: 15 Jun 2016 8:03

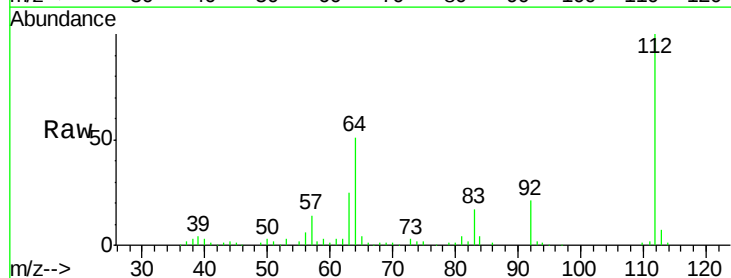
Tgt Ion:112 Resp: 120139

Ion Ratio Lower Upper

112 100

64 51.0 51.1 76.7#

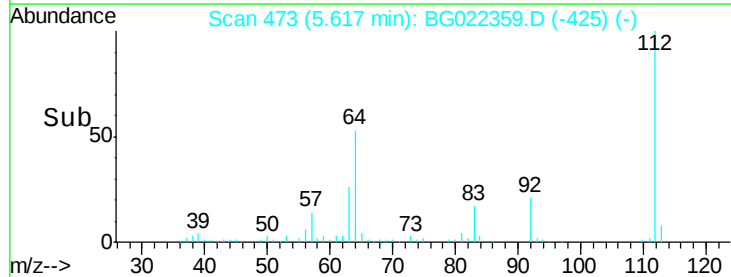
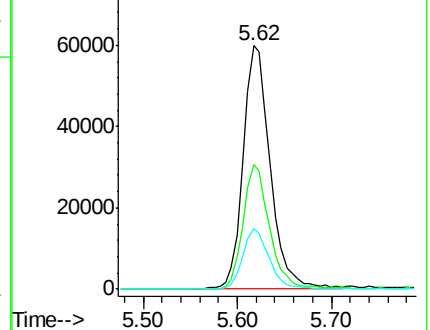
63 24.8 24.6 37.0

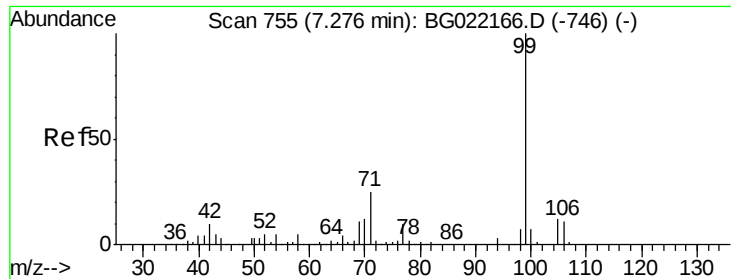


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.46 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG022359.D

Acq: 15 Jun 2016 8:03

Instrument :

BNA_G

ClientSampled :

MW-02

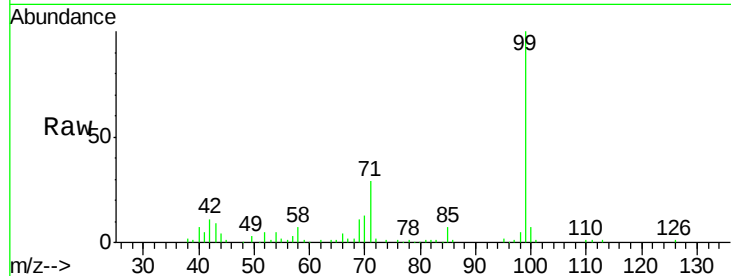
Tot Ion: 99 Resp: 119879

Ion Ratio Lower Upper

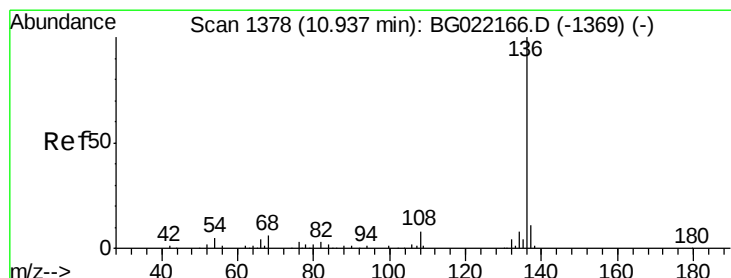
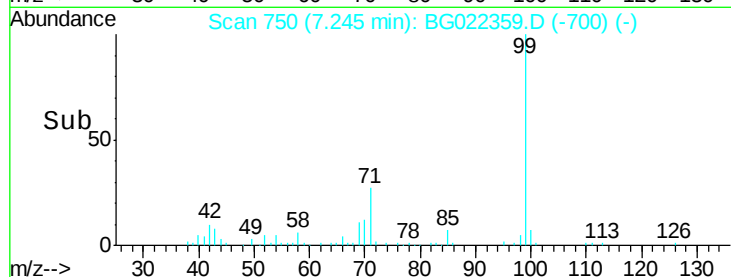
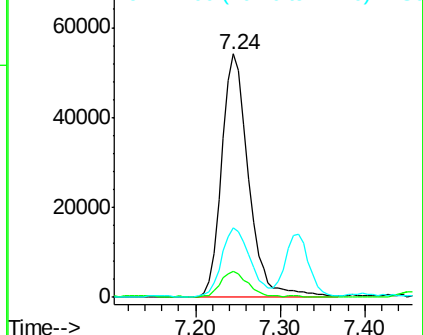
99 100

42 10.6 16.4 24.6#

71 28.6 25.0 37.4



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: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022359.D

Acq: 15 Jun 2016 8:03

Tgt Ion: 136 Resp: 160675

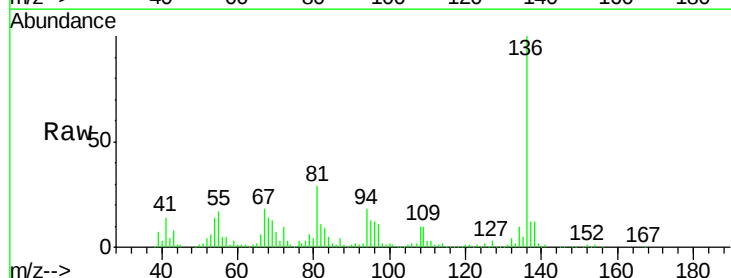
Ion Ratio Lower Upper

136 100

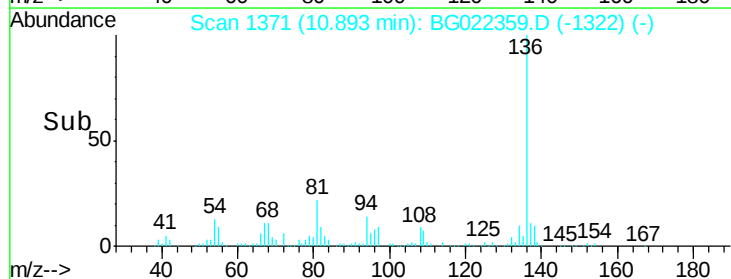
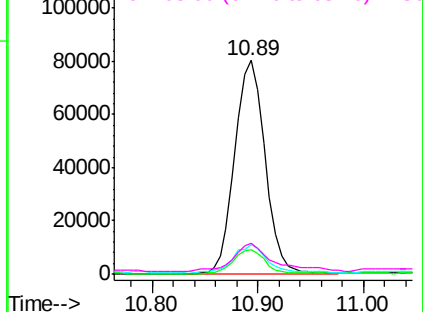
137 11.6 9.0 13.4

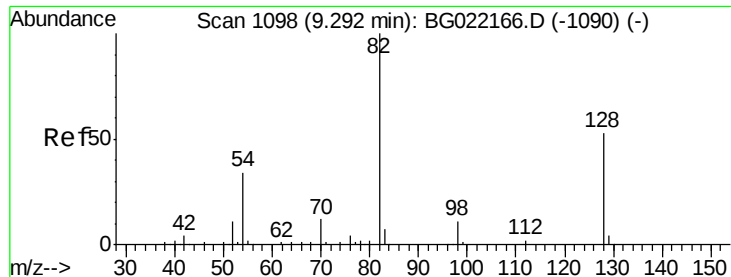
54 14.0 9.6 14.4

68 14.1 6.4 9.6#



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

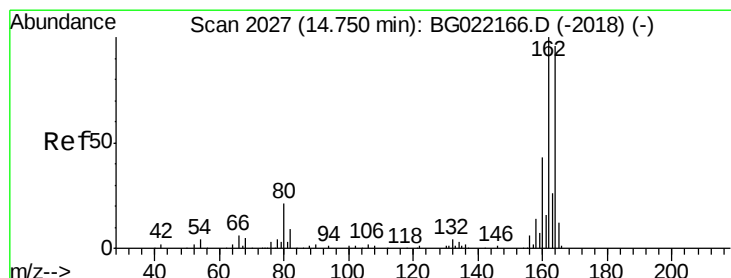
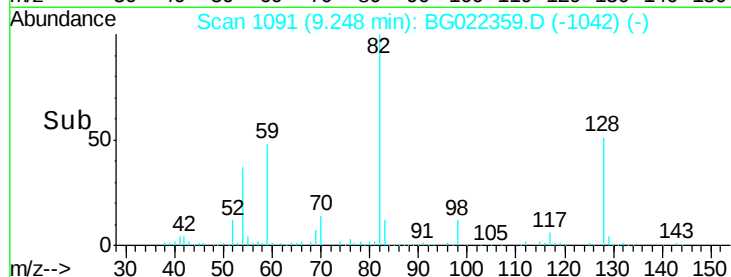
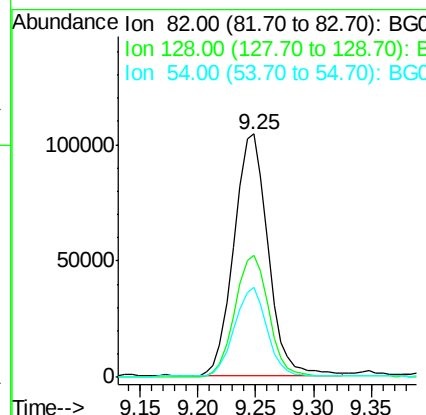
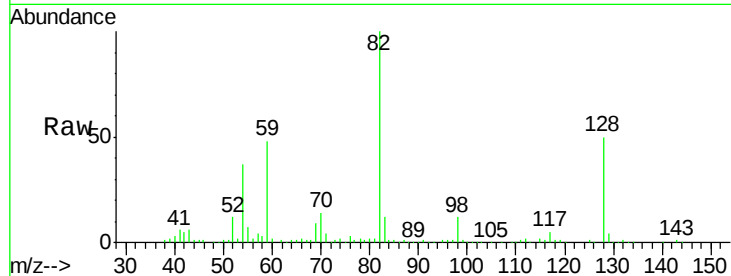




#23
 Nitrobenzene-d5
 Concen: 92.36 ng
 RT: 9.25 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BG022359.D
 Acq: 15 Jun 2016 8:03

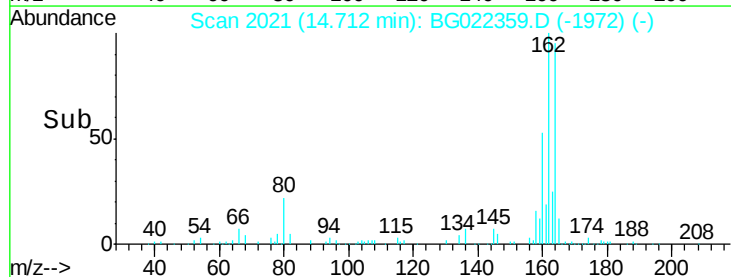
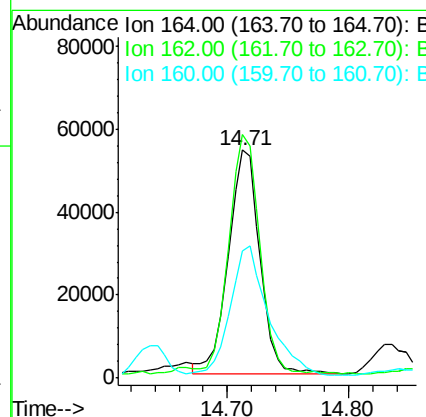
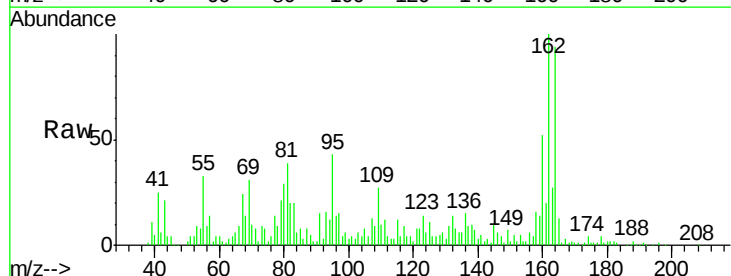
Instrument :
 BNA_G
 ClientSampled :
 MW-02

Tot Ion	82	Resp	212856
Ion Ratio	100	Lower	Upper
128	50.2	33.4	50.0#
54	36.8	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BG022359.D
 Acq: 15 Jun 2016 8:03

Tgt Ion	164	Resp	98394
Ion Ratio	100	Lower	Upper
162	106.9	78.0	117.0
160	55.6	32.9	49.3#





#41

2,4,6-Tribromophenol

Concen: 115.24 ng

RT: 16.21 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BG022359.D

Acq: 15 Jun 2016 8:03

Instrument :

BNA_G

ClientSampled :

MW-02

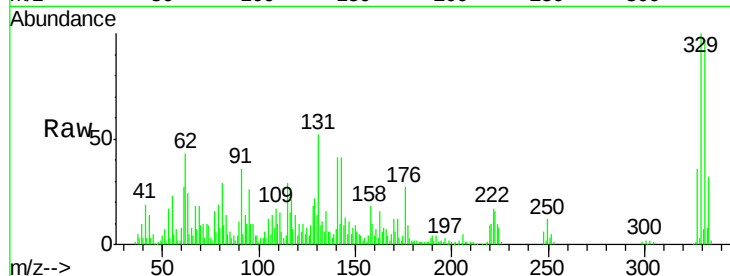
Tot Ion:330 Resp: 128124

Ion Ratio Lower Upper

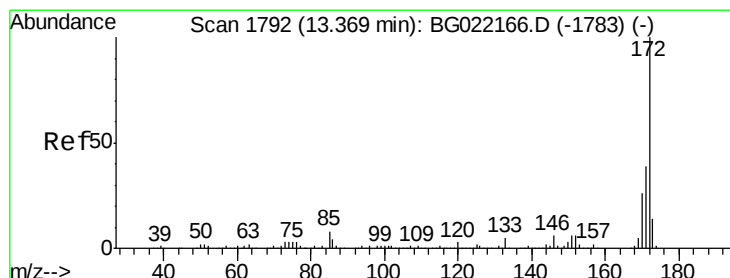
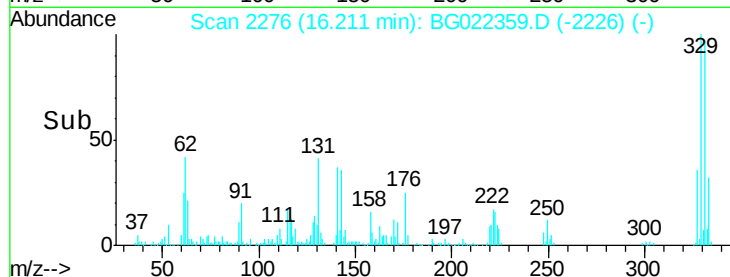
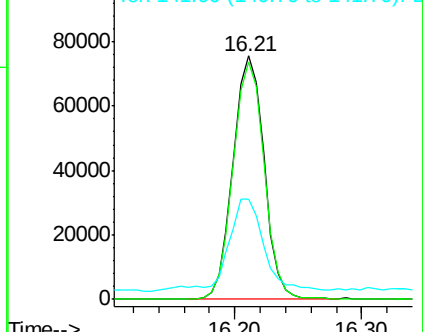
330 100

332 97.8 78.0 117.0

141 39.9 33.8 50.8



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: 86.58 ng

RT: 13.34 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BG022359.D

Acq: 15 Jun 2016 8:03

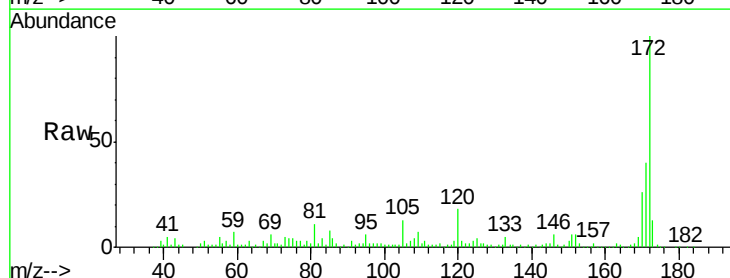
Tgt Ion:172 Resp: 558980

Ion Ratio Lower Upper

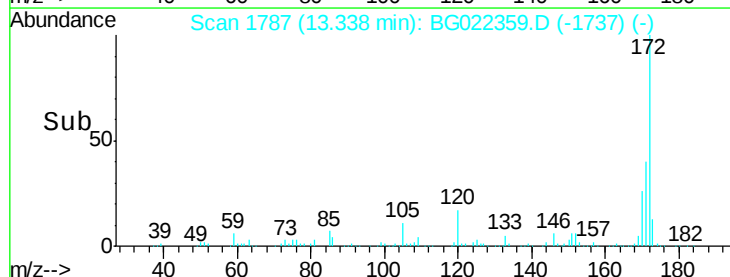
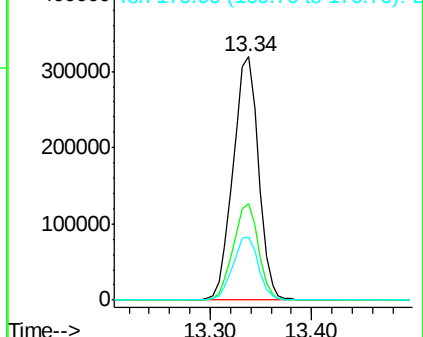
172 100

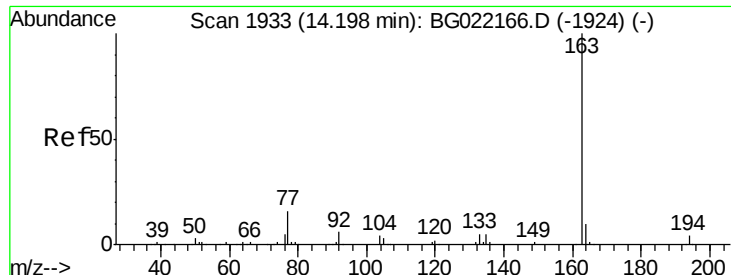
171 39.6 27.8 41.6

170 26.2 19.6 29.4



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

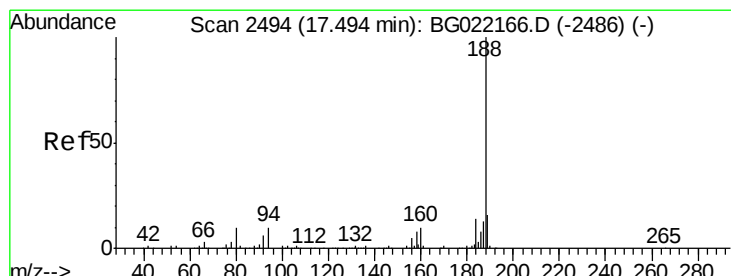
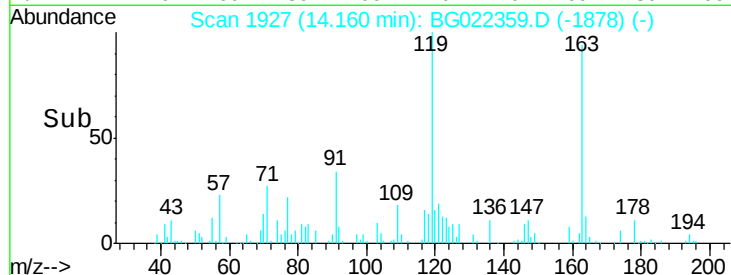
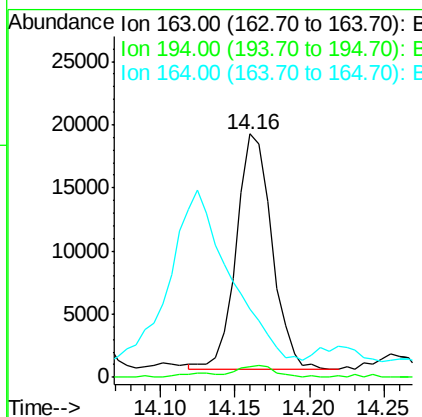
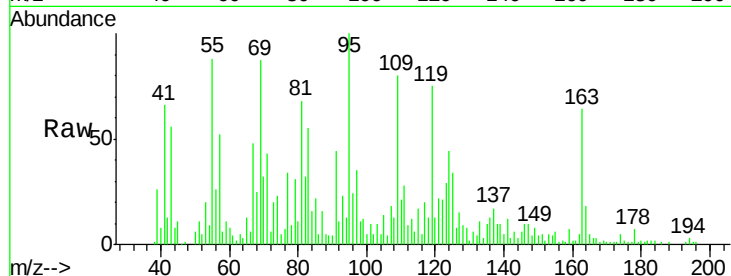




#49
Dimethylphthalate
Concen: 3.79 ng
RT: 14.16 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG022359.D
Acq: 15 Jun 2016 8:03

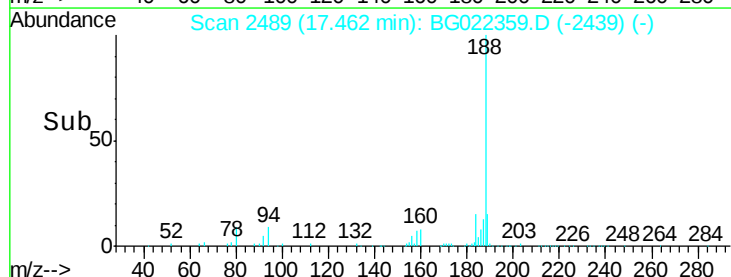
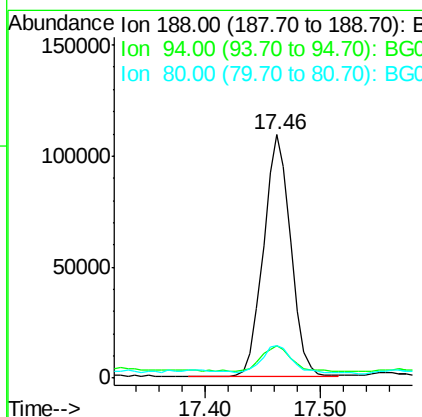
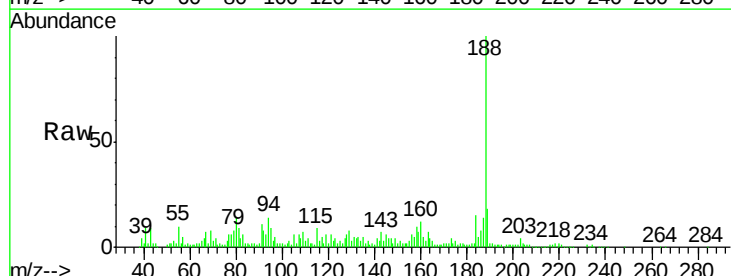
Instrument :
BNA_G
ClientSampleId :
MW-02

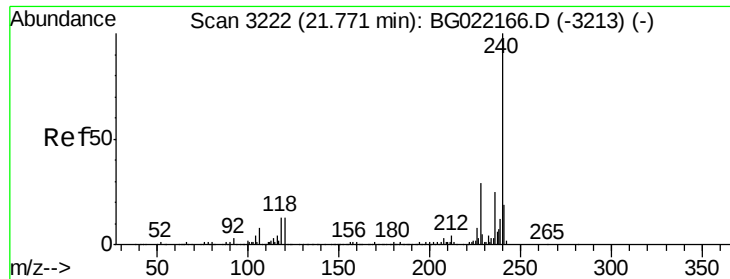
Tot Ion:163 Resp: 30907
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 28.2 8.1 12.1#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BG022359.D
Acq: 15 Jun 2016 8:03

Tgt Ion:188 Resp: 179485
Ion Ratio Lower Upper
188 100
94 13.5 7.5 11.3#
80 13.5 8.6 13.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG022359.D

Acq: 15 Jun 2016 8:03

Instrument :

BNA_G

ClientSampled :

MW-02

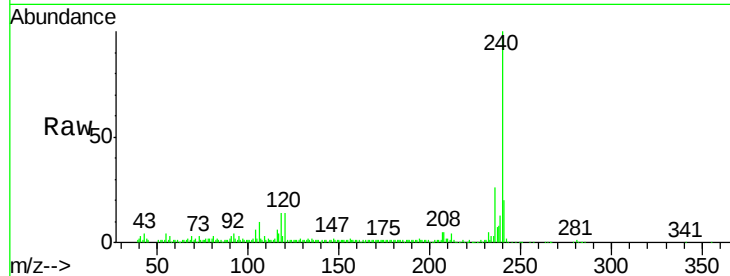
Tot Ion:240 Resp: 155224

Ion Ratio Lower Upper

240 100

120 13.9 8.4 12.6#

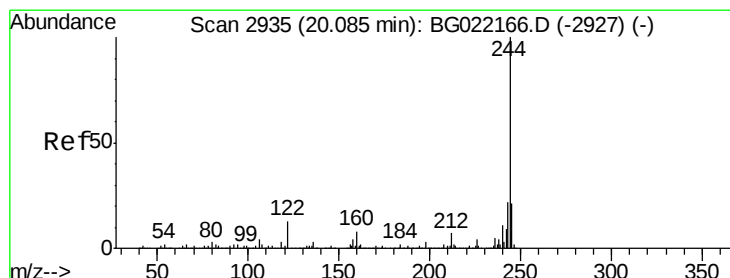
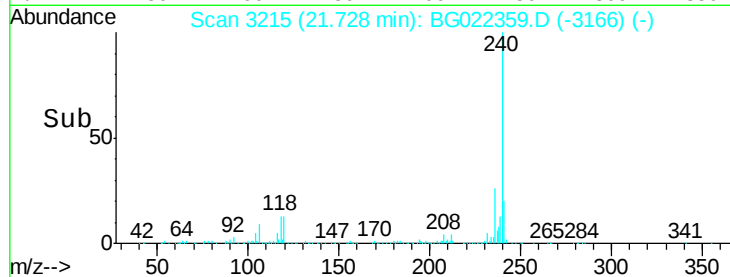
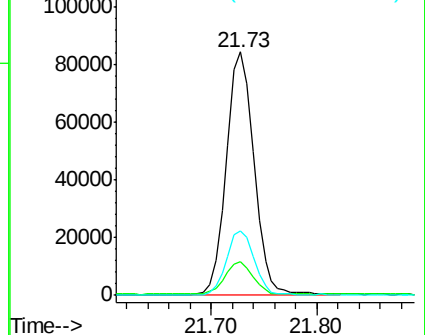
236 26.4 19.6 29.4



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: 80.89 ng

RT: 20.05 min Scan# 2930

Delta R.T. -0.01 min

Lab File: BG022359.D

Acq: 15 Jun 2016 8:03

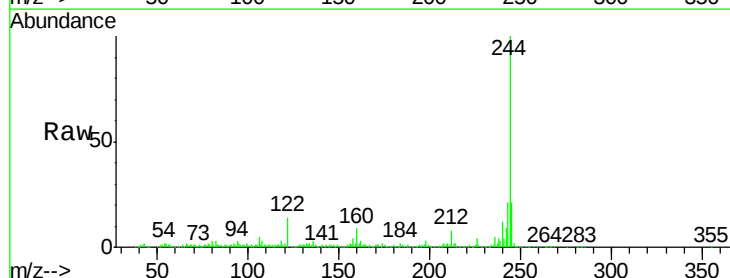
Tgt Ion:244 Resp: 528857

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

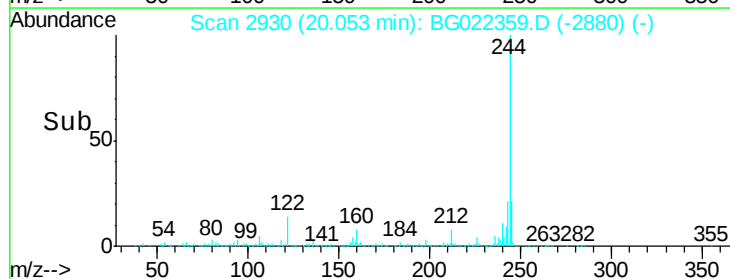
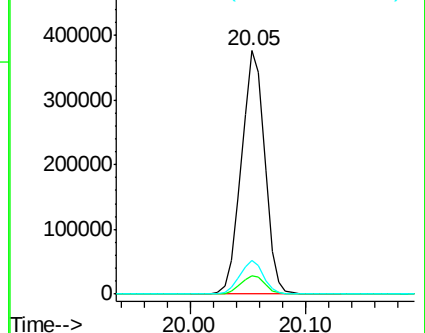
122 14.0 8.6 12.8#

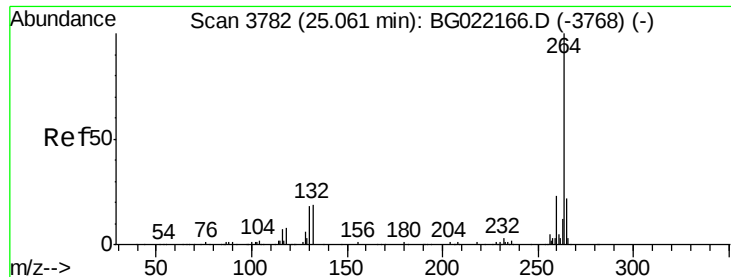


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

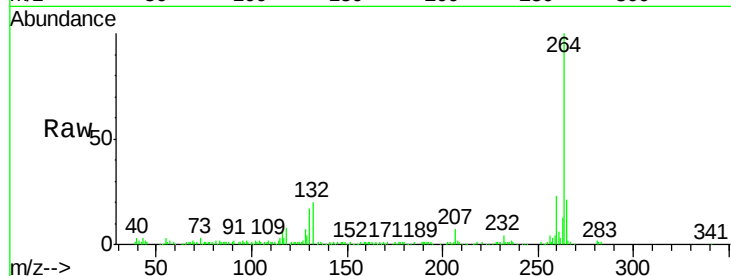




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3771
Delta R.T. -0.02 min
Lab File: BG022359.D
Acq: 15 Jun 2016 8:03

Instrument :
BNA_G
ClientSampleId :
MW-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.2	30.4
265	20.7	17.8	26.8



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

