

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
 Data File : BG023889.D
 Acq On : 24 Aug 2016 18:07
 Operator : UM/SJ
 Sample : H4567-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Quant Time: Aug 24 18:46:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

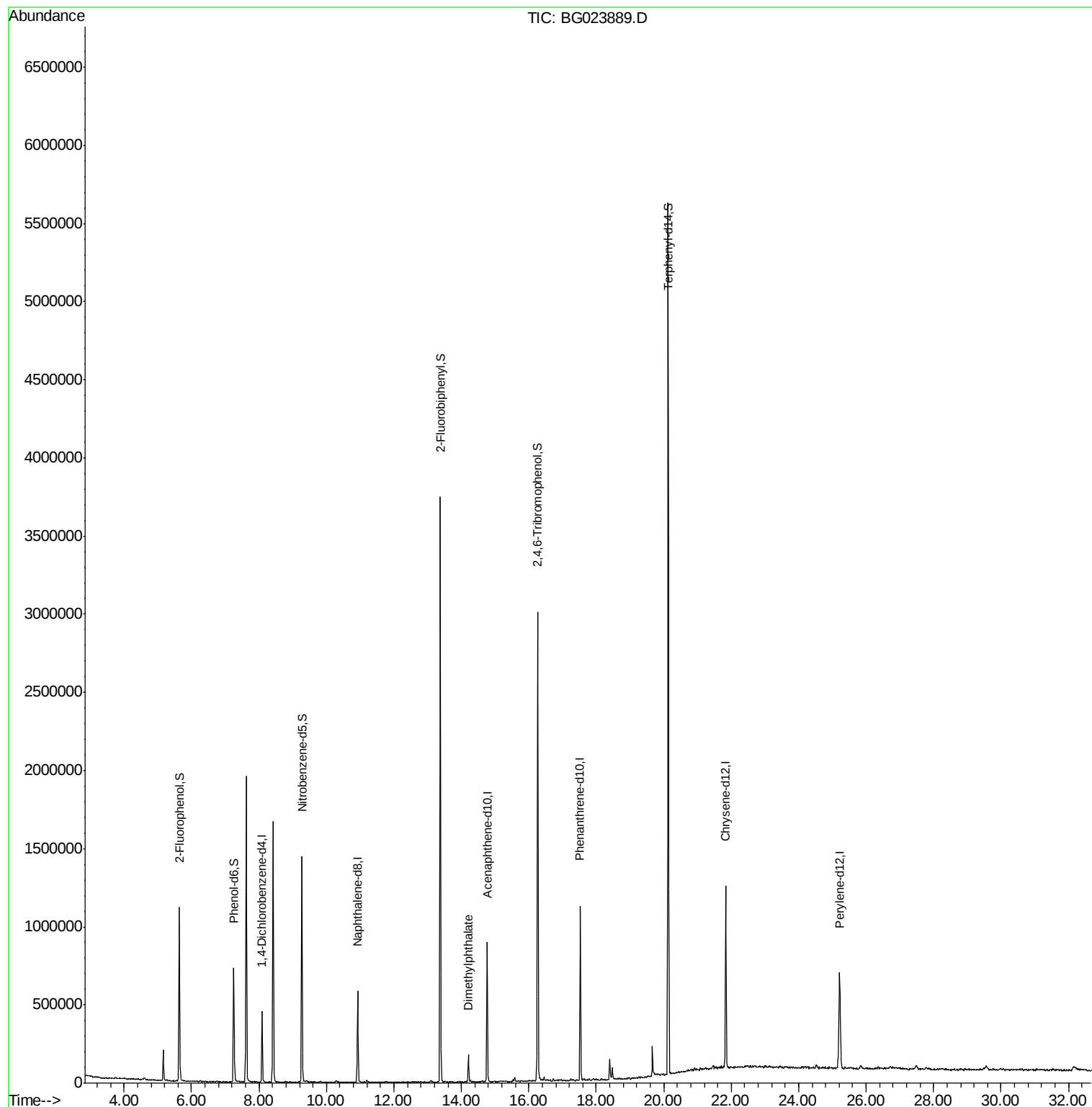
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	116354	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	490665	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	299981	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	675921	20.00	ng	0.00
75) Chrysene-d12	21.84	240	705514	20.00	ng	0.00
86) Perylene-d12	25.22	264	694492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	474787	68.69	ng	0.00
7) Phenol-d6	7.25	99	438095	40.69	ng	0.00
23) Nitrobenzene-d5	9.27	82	942168	95.46	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	507056	115.56	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1777449	99.94	ng	0.00
78) Terphenyl-d14	20.13	244	2193178	100.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	111079	4.83	ng	Qvalue 97

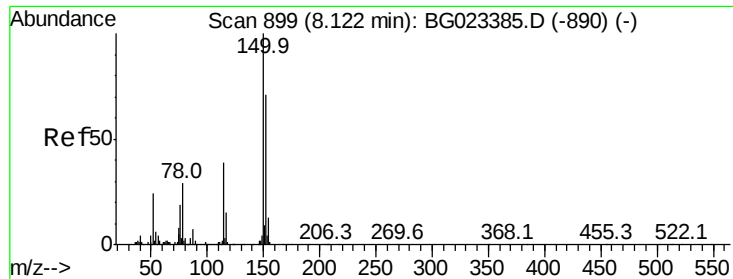
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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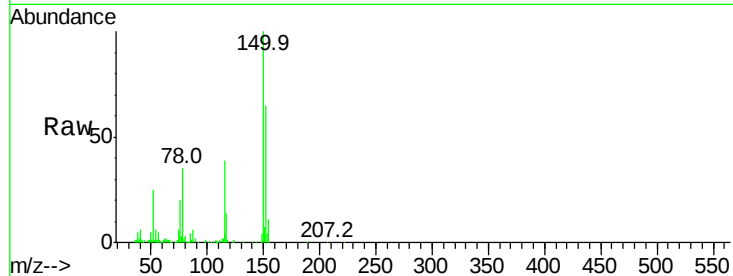


#1

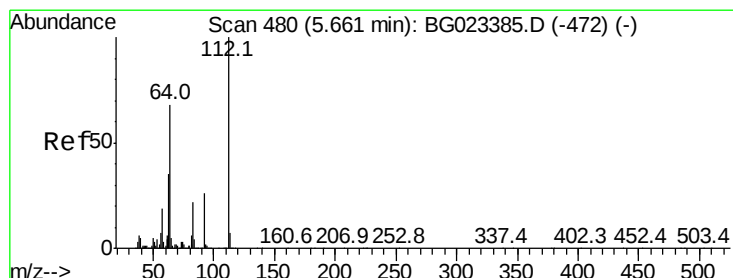
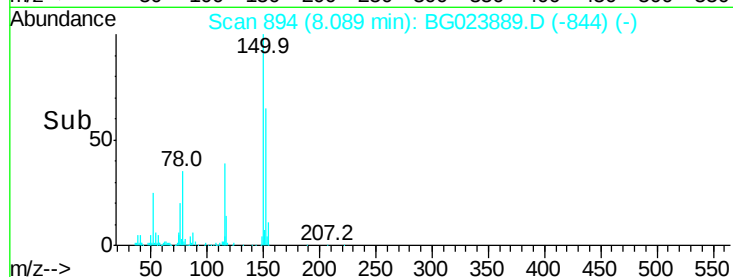
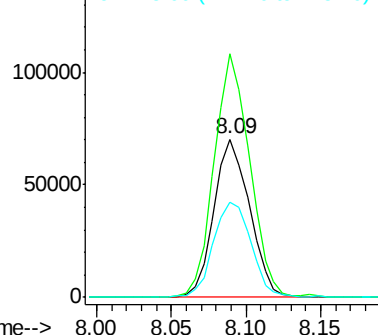
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023889.D
Acq: 24 Aug 2016 18:07

Instrument :
BNA_G
ClientSampleId :
MW-5

Tot Ion:152 Resp: 116354
Ion Ratio Lower Upper
152 100
150 153.7 144.7 217.1
115 60.3 64.0 96.0#



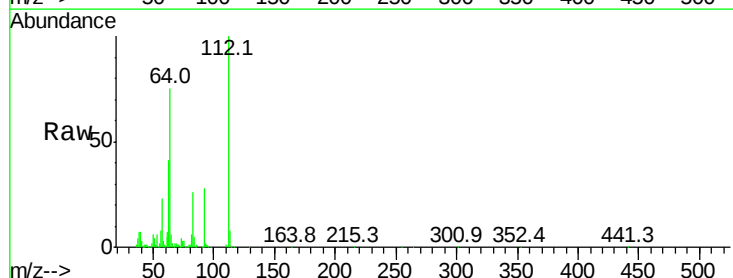
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



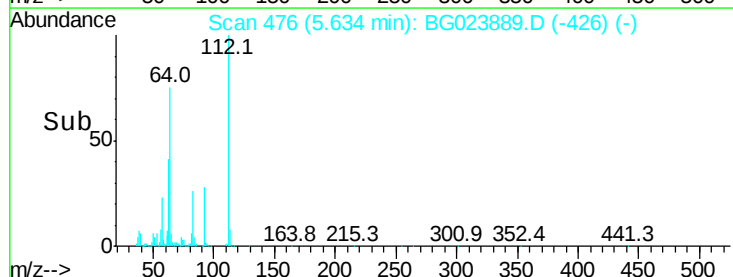
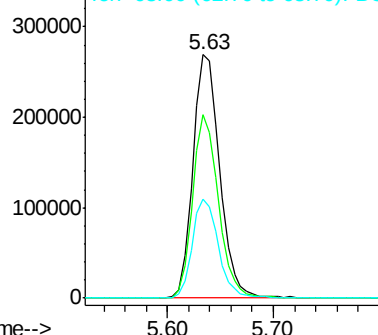
#5

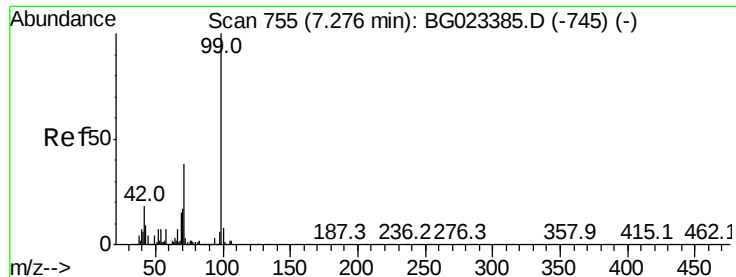
2-Fluorophenol
Concen: 68.69 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023889.D
Acq: 24 Aug 2016 18:07

Tgt Ion:112 Resp: 474787
Ion Ratio Lower Upper
112 100
64 75.5 59.0 88.4
63 40.8 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 40.69 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

MW-5

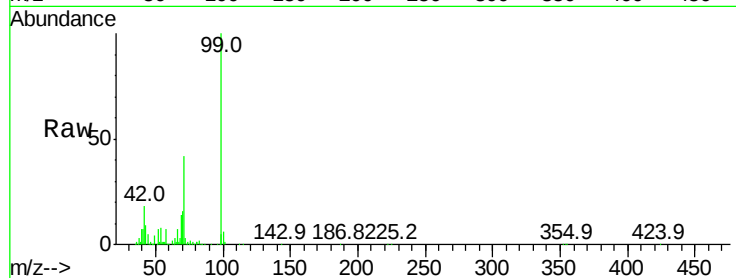
Tot Ion: 99 Resp: 438095

Ion Ratio Lower Upper

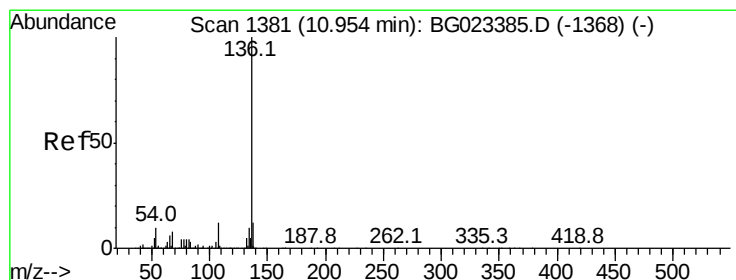
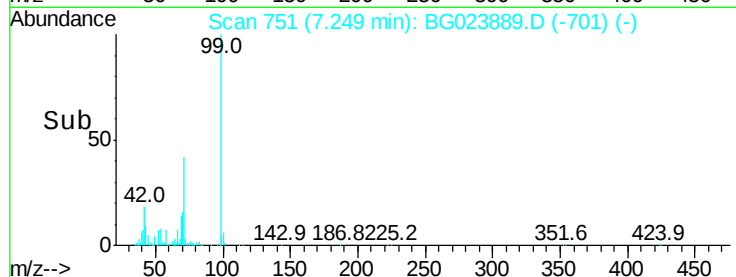
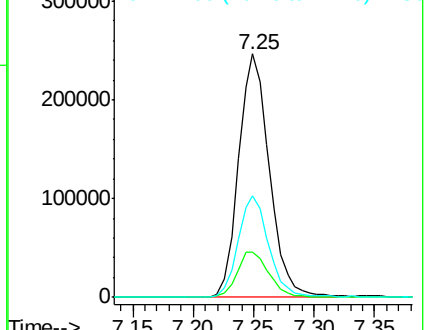
99 100

42 18.4 17.8 26.6

71 41.9 41.5 62.3



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: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Tgt Ion: 136 Resp: 490665

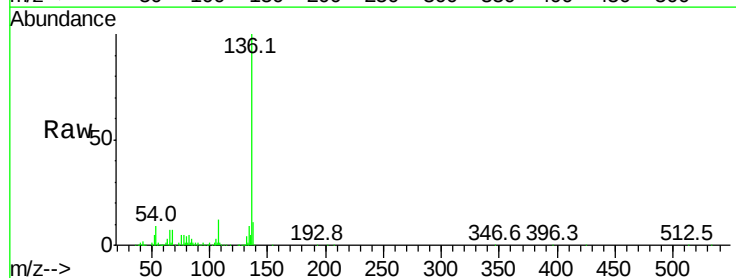
Ion Ratio Lower Upper

136 100

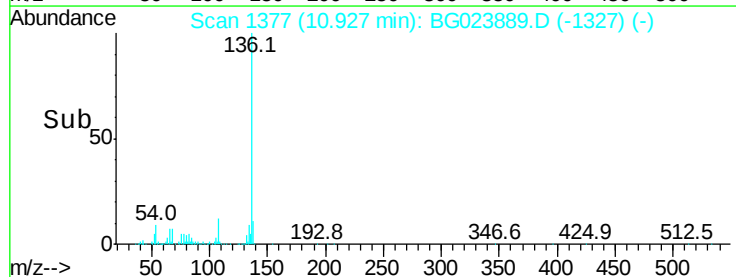
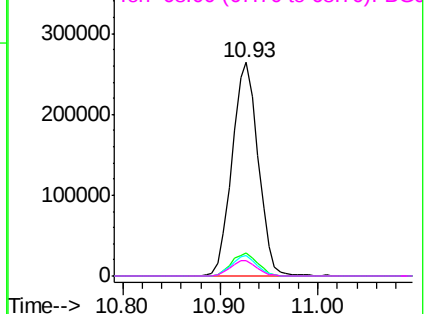
137 10.5 9.6 14.4

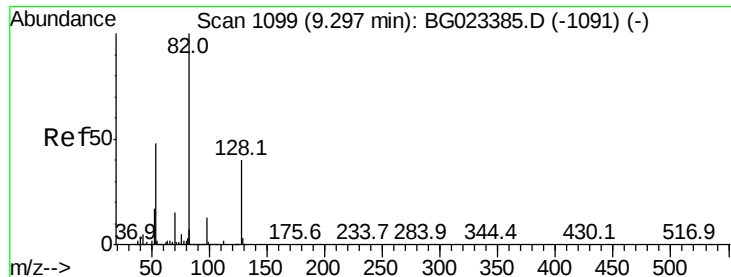
54 9.4 7.3 10.9

68 7.0 5.3 7.9



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

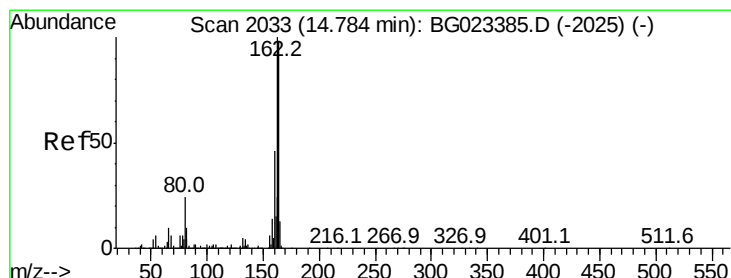
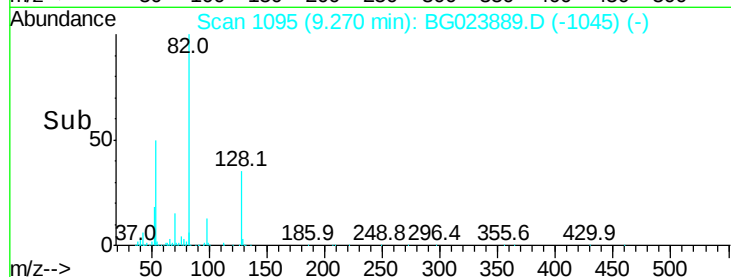
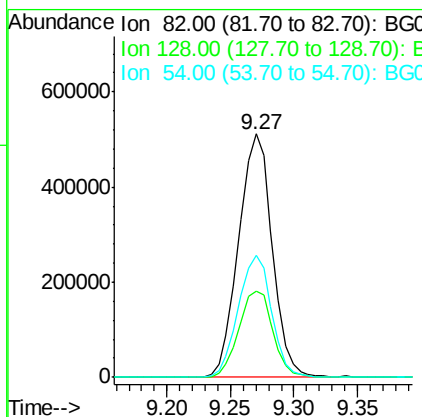
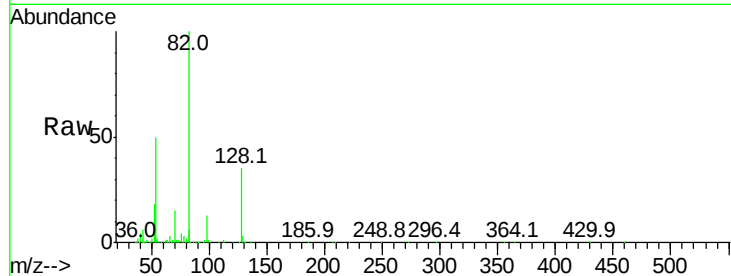




#23
 Nitrobenzene-d5
 Concen: 95.46 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023889.D
 Acq: 24 Aug 2016 18:07

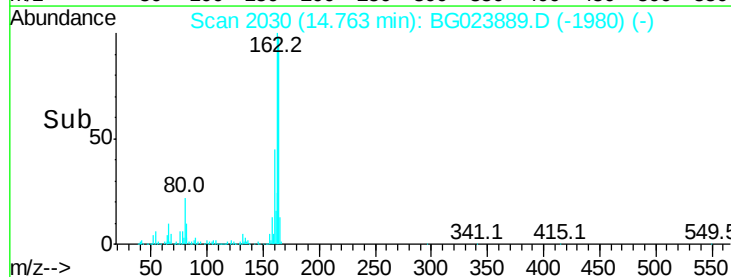
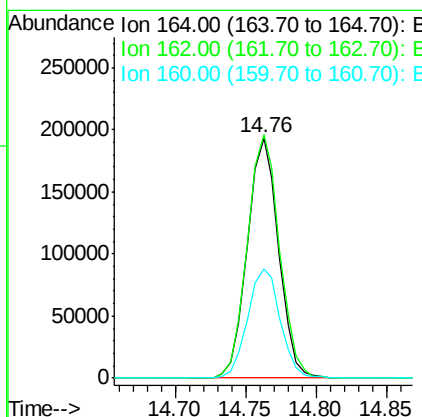
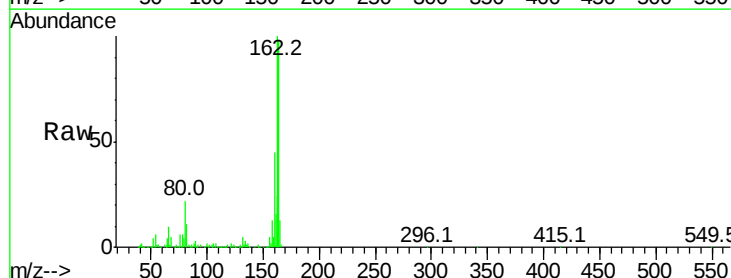
Instrument :
 BNA_G
 ClientSampleId :
 MW-5

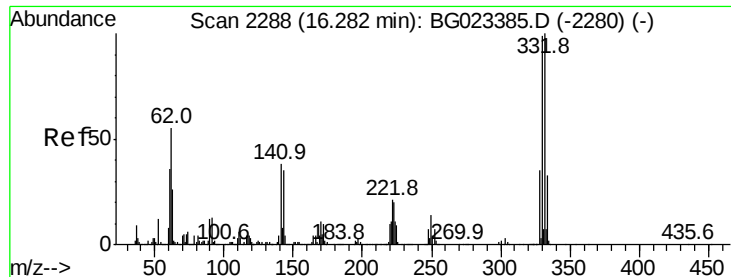
Tot Ion	82	Resp	942168
Ion Ratio	100	Lower	Upper
128	35.4	24.4	36.6
54	50.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG023889.D
 Acq: 24 Aug 2016 18:07

Tgt Ion	164	Resp	299981
Ion Ratio	100	Lower	Upper
162	101.5	87.7	131.5
160	45.3	37.2	55.8

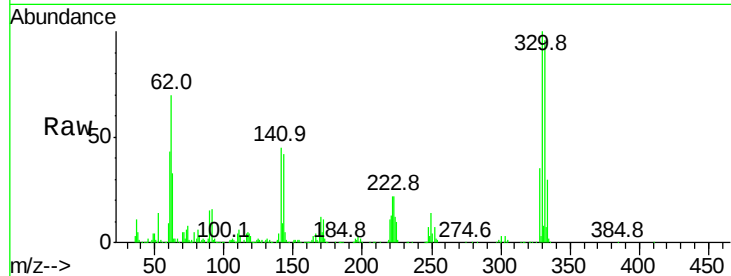




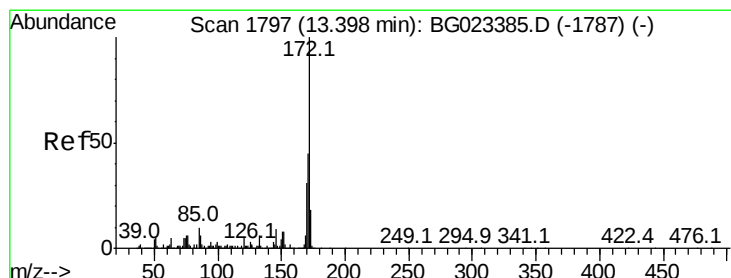
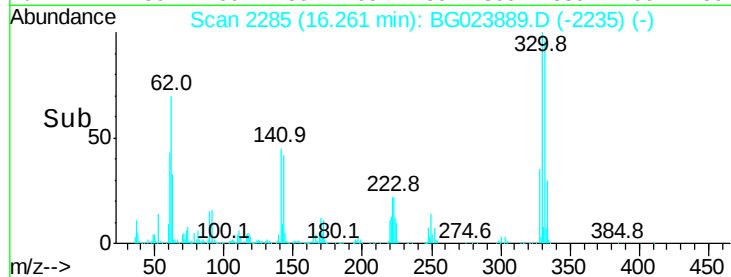
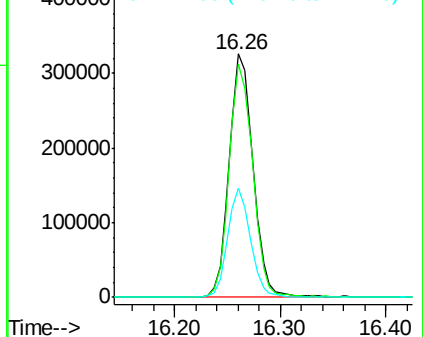
#41
 2,4,6-Tribromophenol
 Concen: 115.56 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BG023889.D
 Acq: 24 Aug 2016 18:07

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Tot Ion:330 Resp: 507056
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 42.8 31.7 47.5

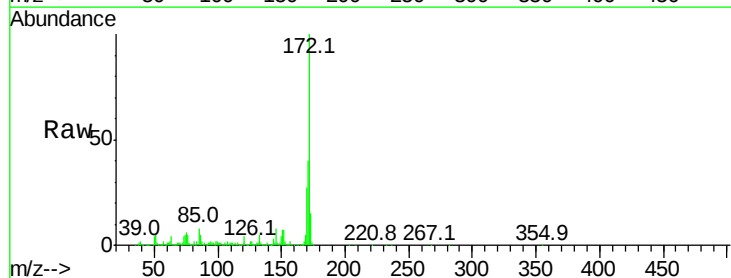


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

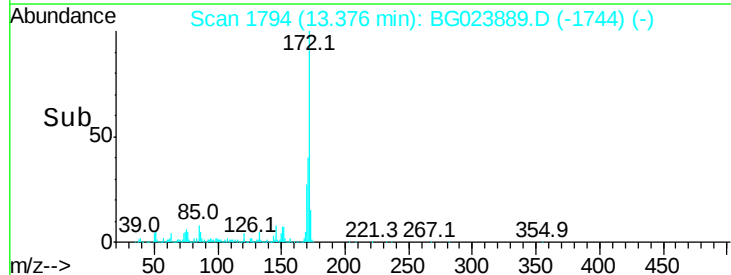
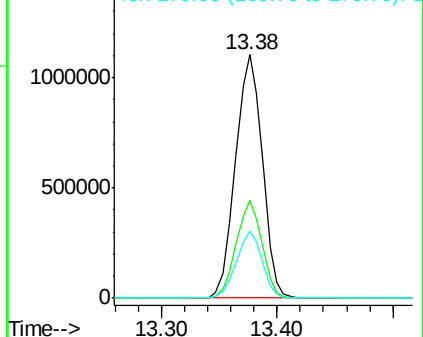


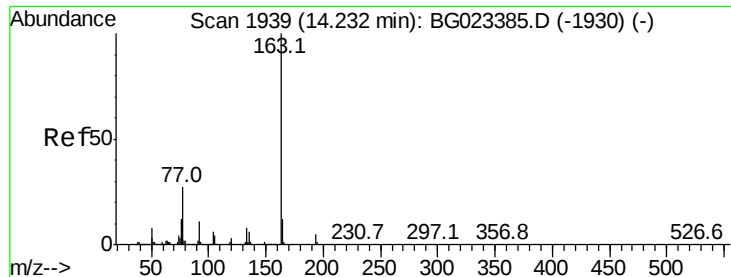
#44
 2-Fluorobiphenyl
 Concen: 99.94 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023889.D
 Acq: 24 Aug 2016 18:07

Tgt Ion:172 Resp: 1777449
 Ion Ratio Lower Upper
 172 100
 171 40.4 31.6 47.4
 170 27.3 21.3 31.9



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: 4.83 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Instrument :

BNA_G

ClientSampleId :

MW-5

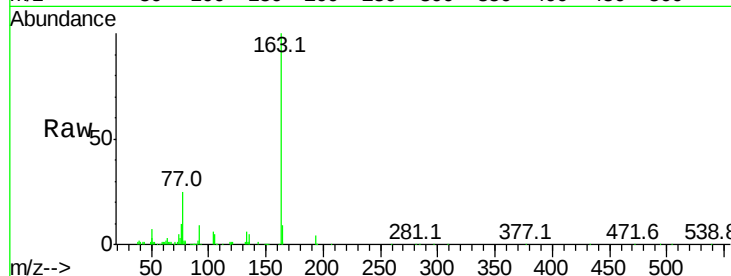
Tot Ion:163 Resp: 111079

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

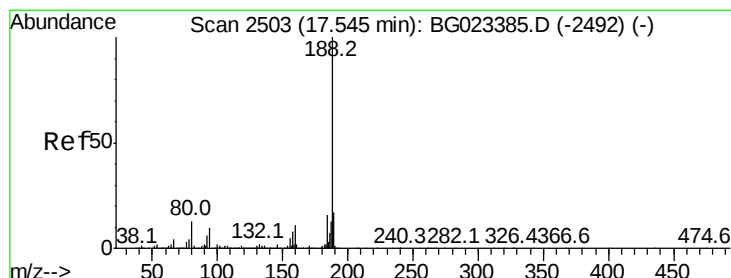
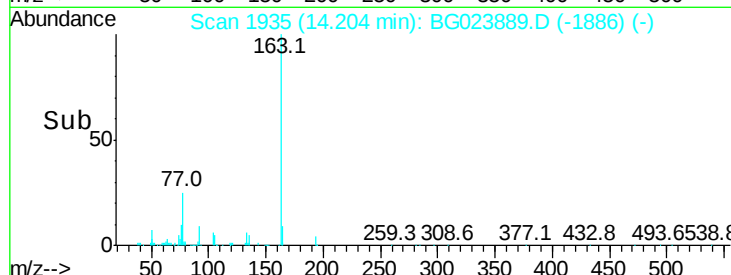
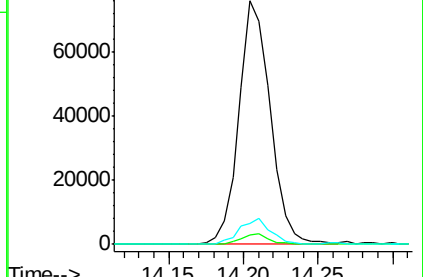
164 8.6 8.1 12.1



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: 17.52 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

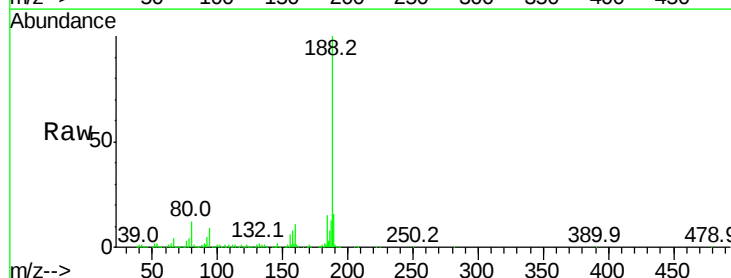
Tgt Ion:188 Resp: 675921

Ion Ratio Lower Upper

188 100

94 8.6 5.2 7.8#

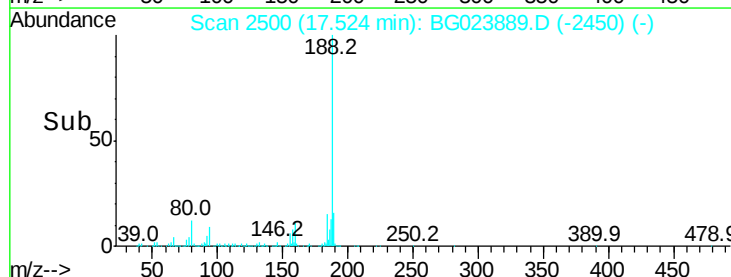
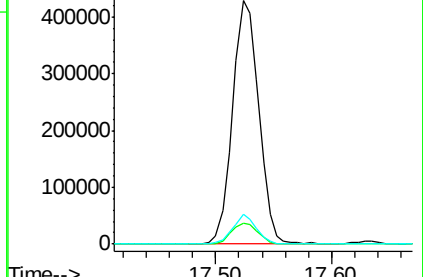
80 12.3 7.2 10.8#

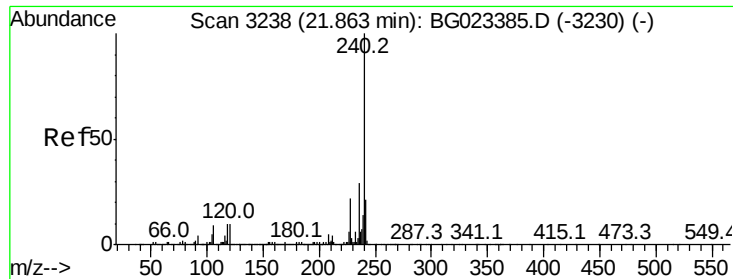


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.84 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

Instrument :

BNA_G

ClientSampled :

MW-5

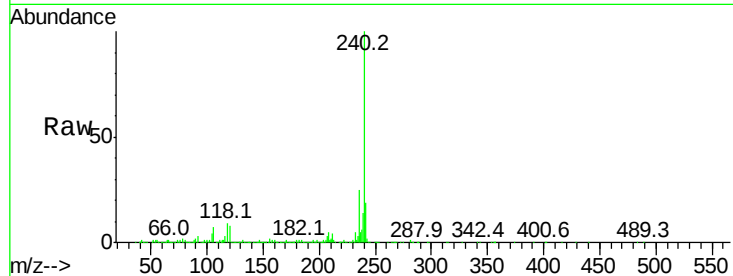
Tot Ion:240 Resp: 705514

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

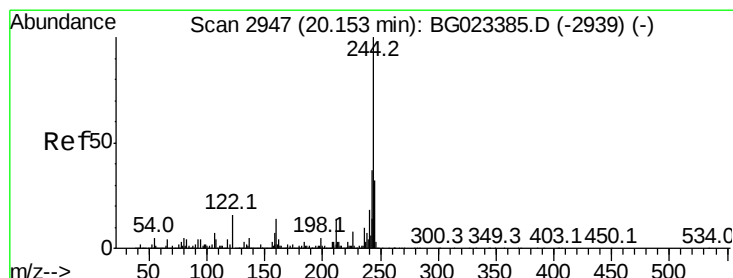
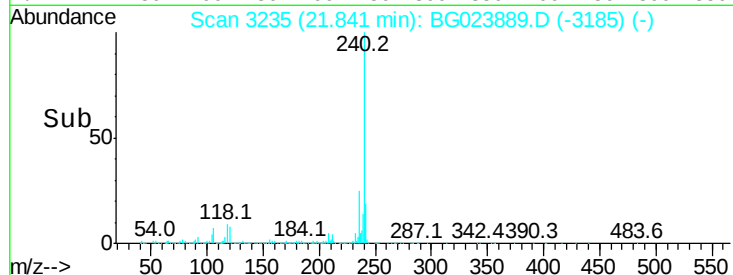
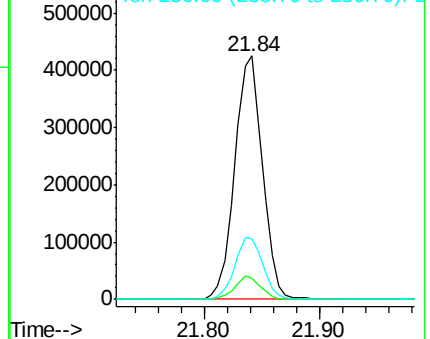
236 24.9 21.1 31.7



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: 100.85 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG023889.D

Acq: 24 Aug 2016 18:07

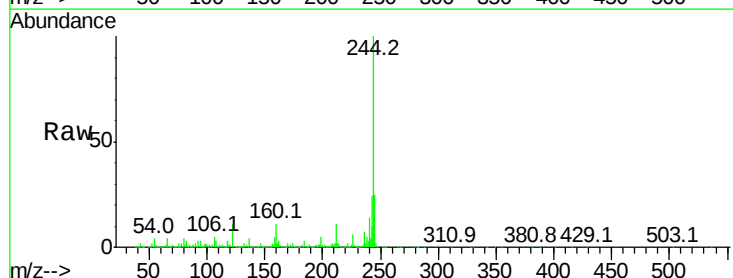
Tgt Ion:244 Resp: 2193178

Ion Ratio Lower Upper

244 100

212 10.6 10.8 16.2#

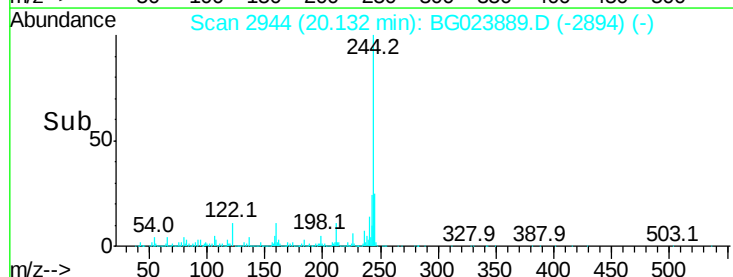
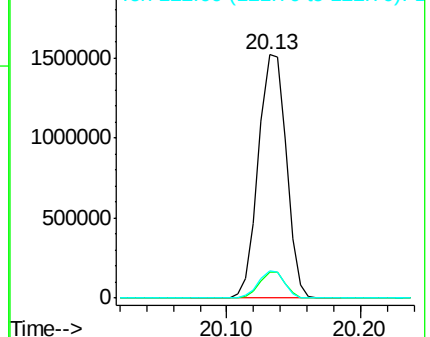
122 11.1 8.0 12.0

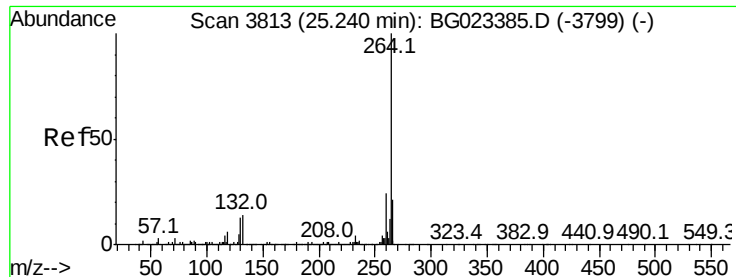


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3810
Delta R.T. -0.01 min
Lab File: BG023889.D
Acq: 24 Aug 2016 18:07

Instrument :
BNA_G
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	23.0	18.9	28.3

