

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023914.D
 Acq On : 26 Aug 2016 5:44
 Operator : UM/SJ
 Sample : H4588-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Quant Time: Aug 26 06:59:44 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

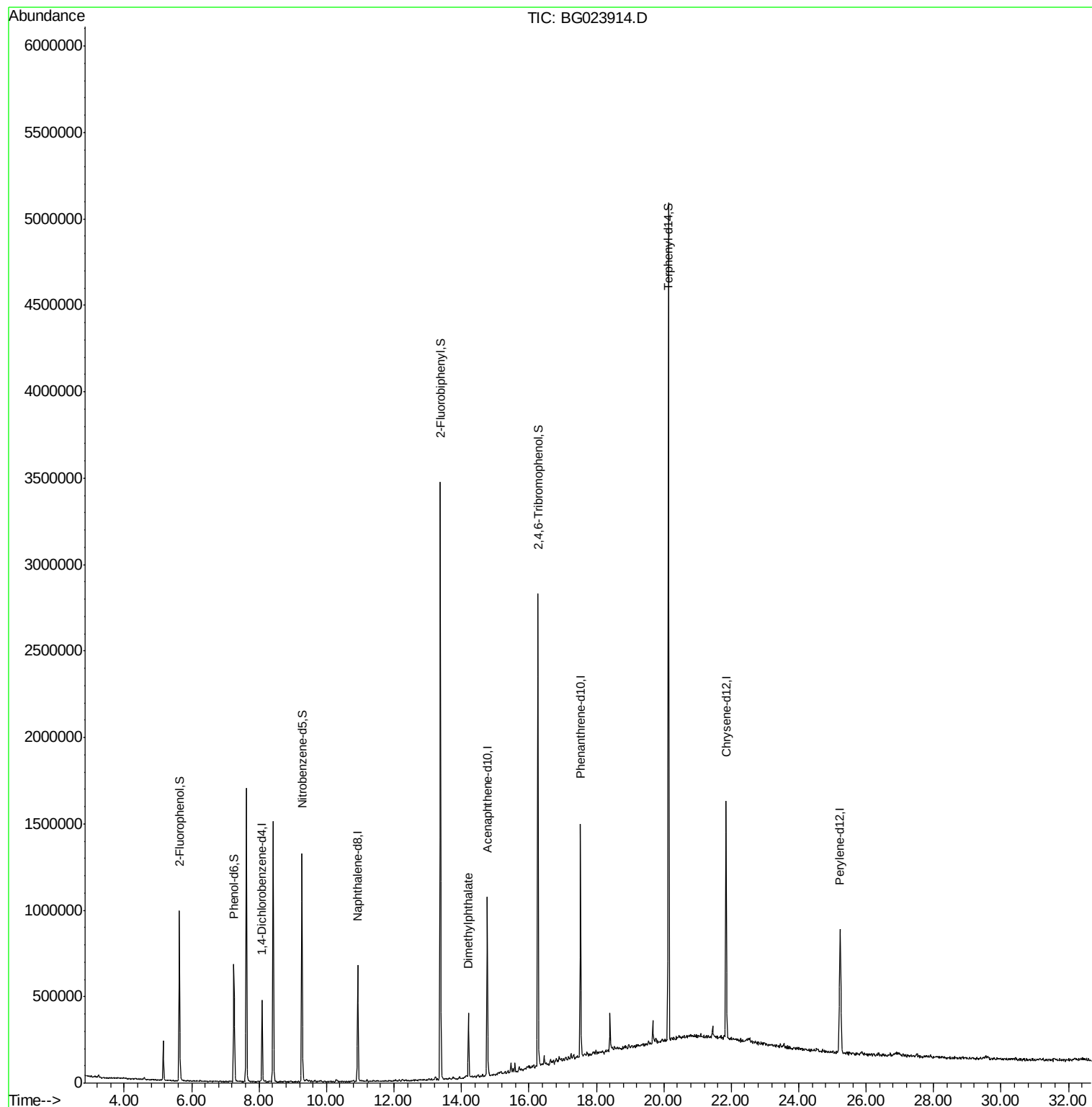
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	125963	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	552549	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	352317	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	771017	20.00	ng	0.00
75) Chrysene-d12	21.85	240	817600	20.00	ng	0.00
86) Perylene-d12	25.23	264	807782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	424265	56.70	ng	0.00
7) Phenol-d6	7.25	99	409291	35.12	ng	0.00
23) Nitrobenzene-d5	9.27	82	863943	77.73	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	478258	92.81	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1684581	80.65	ng	0.00
78) Terphenyl-d14	20.14	244	1881222	68.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.21	163	231547	8.57	ng	Qvalue 99

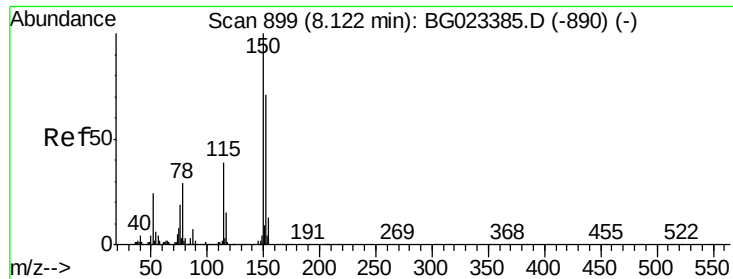
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023914.D

Acq: 26 Aug 2016 5:44

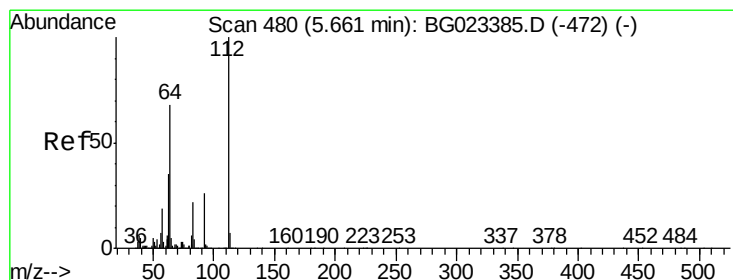
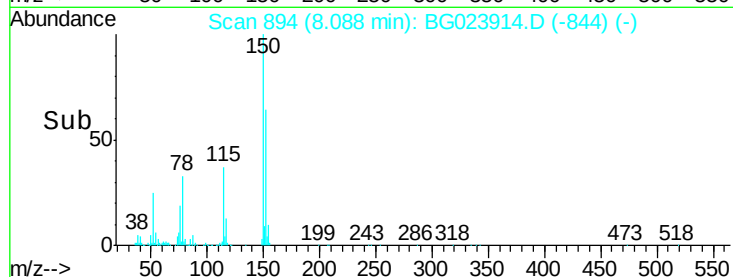
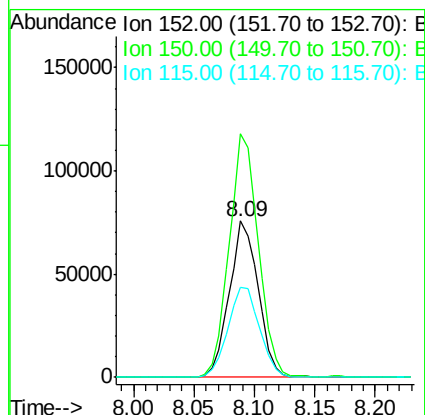
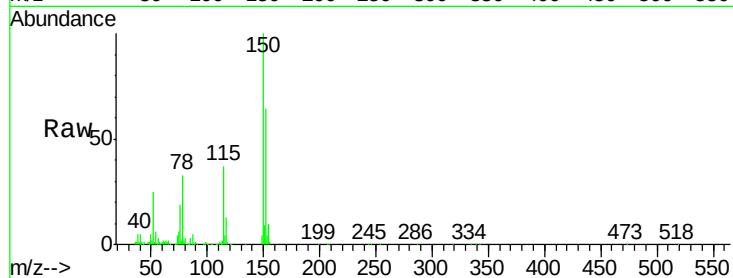
Instrument :

BNA_G

ClientSampleId :

MW-05

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	144.7	217.1
115	57.9	64.0	96.0



#5

2-Fluorophenol

Concen: 56.70 ng

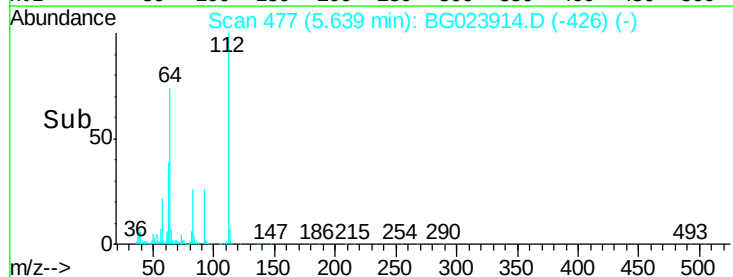
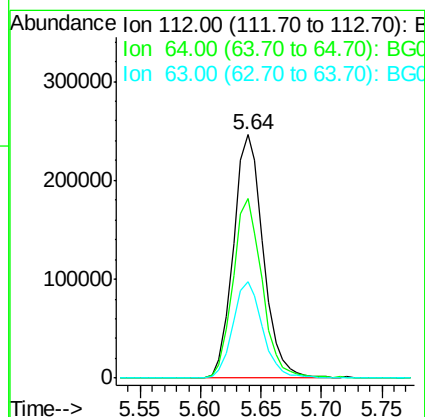
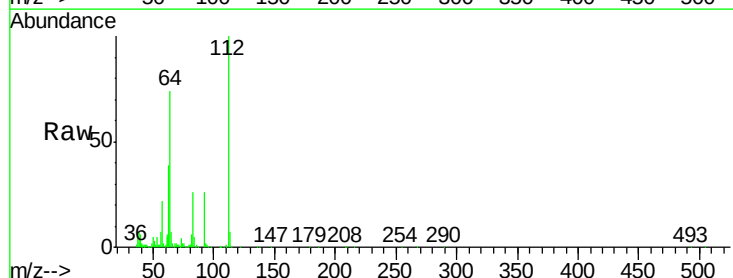
RT: 5.64 min Scan# 477

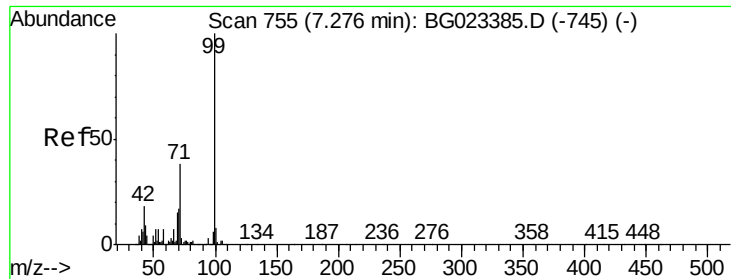
Delta R.T. -0.00 min

Lab File: BG023914.D

Acq: 26 Aug 2016 5:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	59.0	88.4
63	39.4	37.8	56.8





#7

Phenol-d6

Concen: 35.12 ng

RT: 7.25 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG023914.D

Acq: 26 Aug 2016 5:44

Instrument :

BNA_G

ClientSampleId :

MW-05

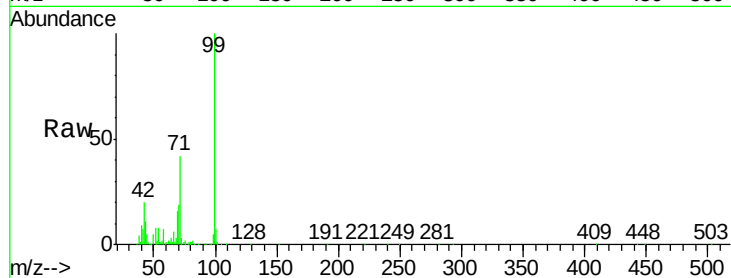
Tgt Ion: 99 Resp: 409291

Ion Ratio Lower Upper

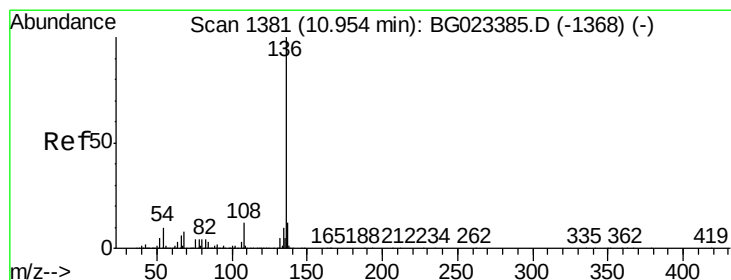
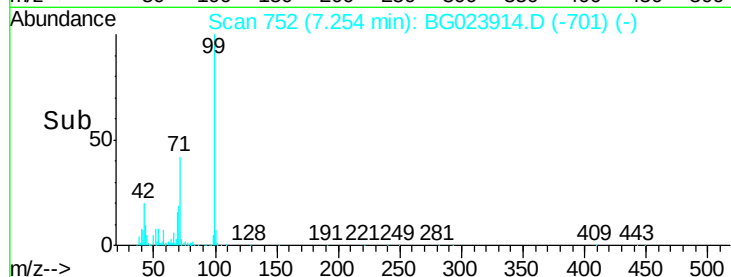
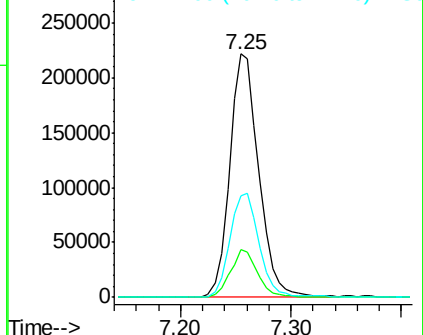
99 100

42 19.8 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: BG023914.D

Acq: 26 Aug 2016 5:44

Tgt Ion: 136 Resp: 552549

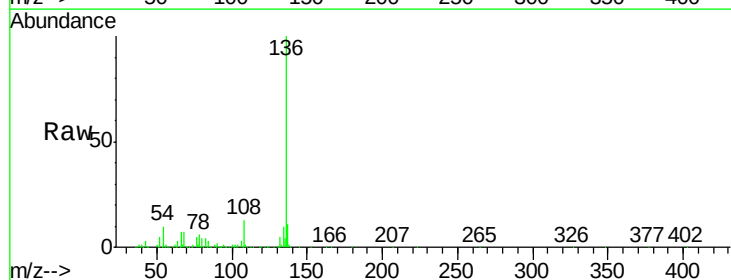
Ion Ratio Lower Upper

136 100

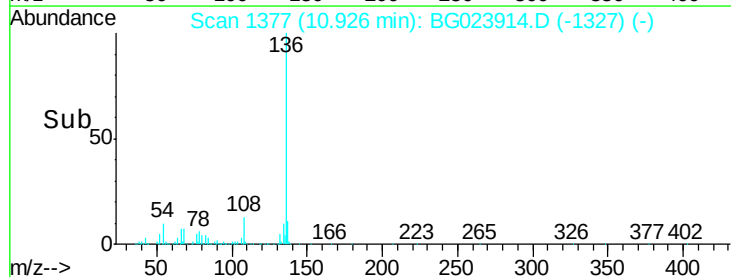
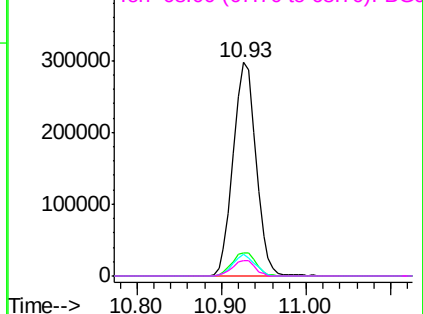
137 11.1 9.6 14.4

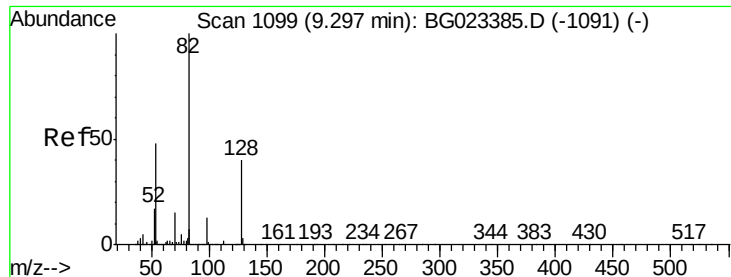
54 10.2 7.3 10.9

68 7.1 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

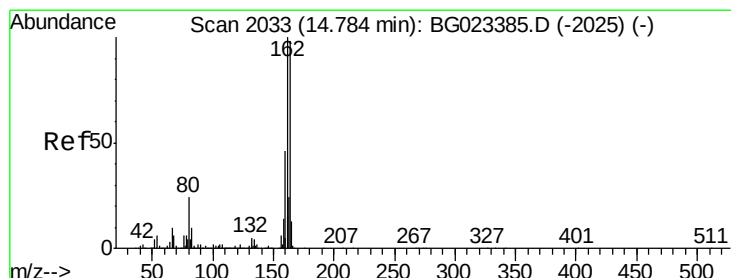
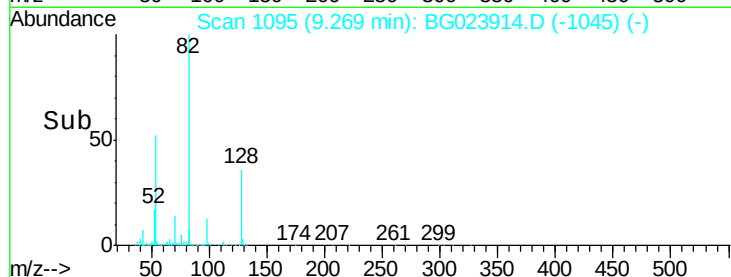
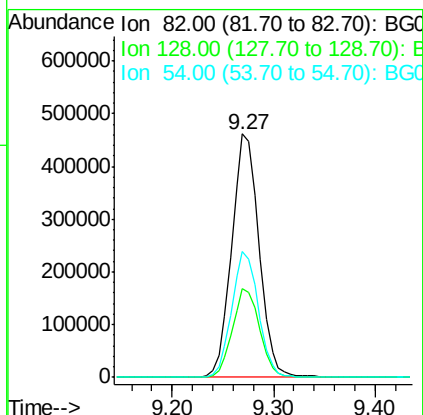
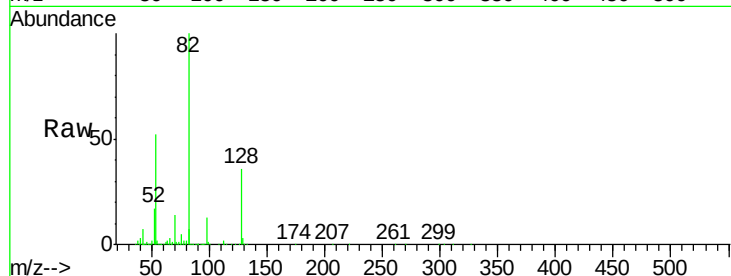




#23
 Nitrobenzene-d5
 Concen: 77.73 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023914.D
 Acq: 26 Aug 2016 5:44

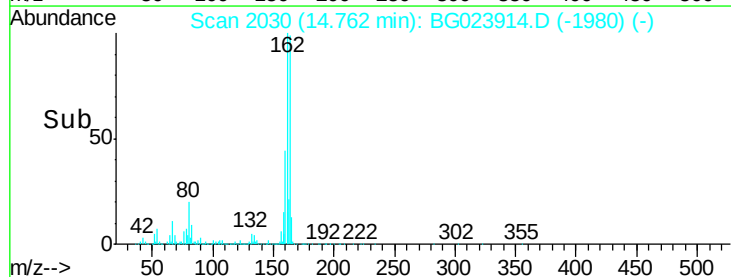
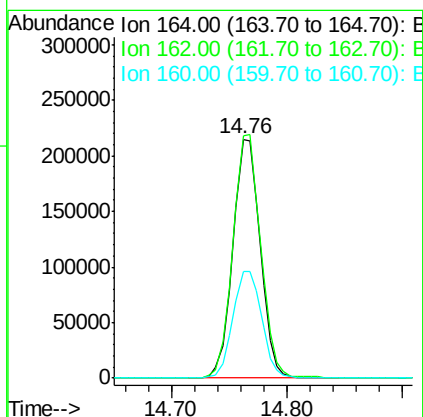
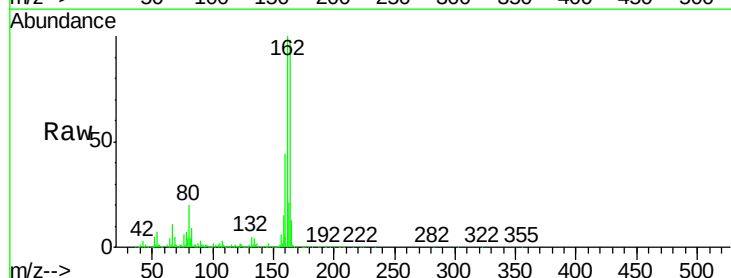
Instrument :
 BNA_G
 ClientSampleId :
 MW-05

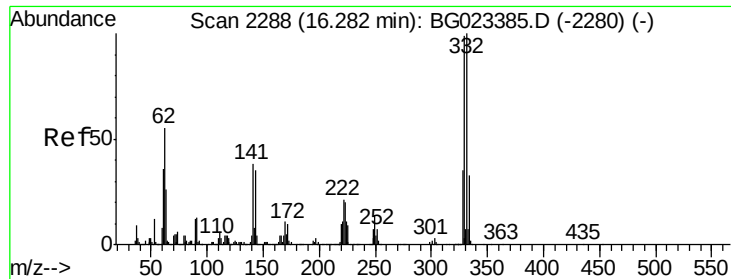
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	24.4	36.6
54	51.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG023914.D
 Acq: 26 Aug 2016 5:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	87.7	131.5
160	44.8	37.2	55.8

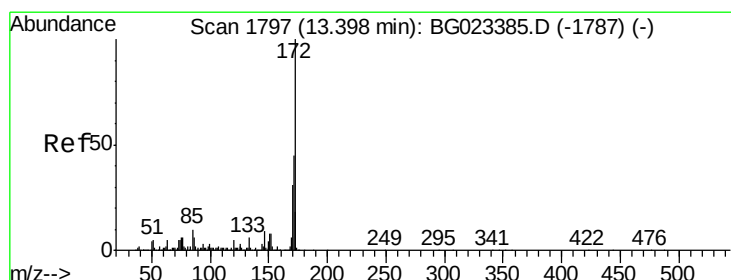
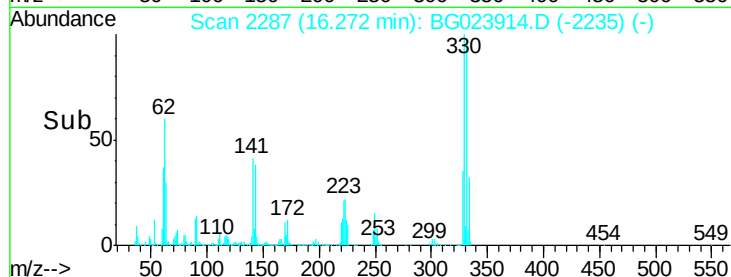
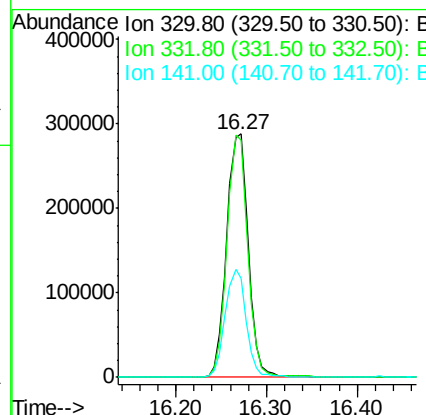
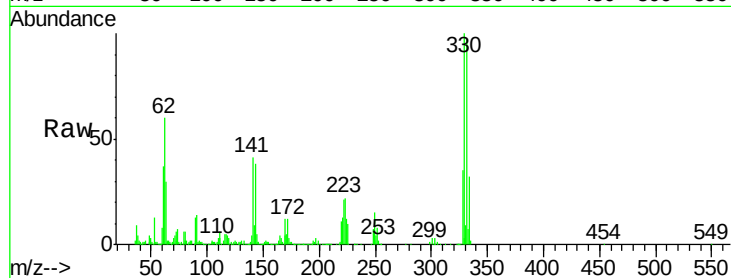




#41
 2,4,6-Tribromophenol
 Concen: 92.81 ng
 RT: 16.27 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BG023914.D
 Acq: 26 Aug 2016 5:44

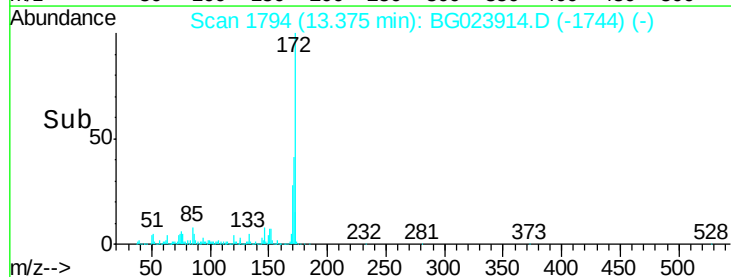
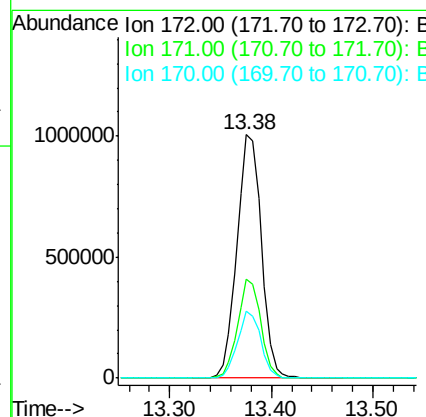
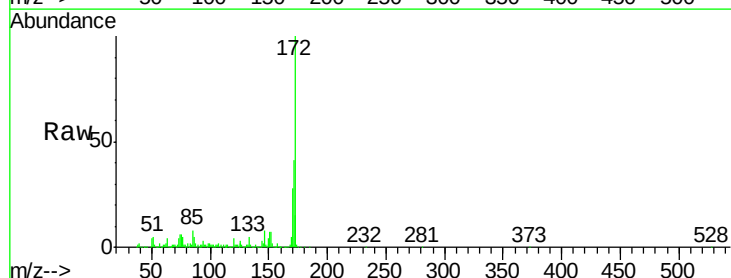
Instrument :
 BNA_G
 ClientSampleId :
 MW-05

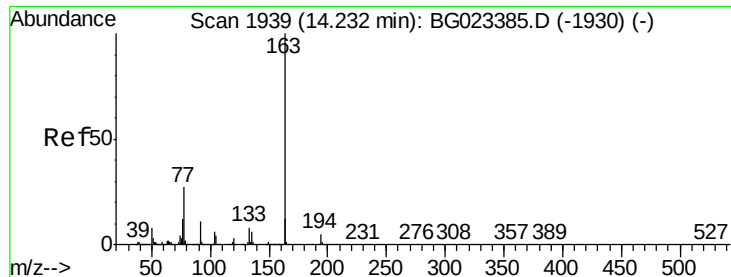
Tgt Ion:330 Resp: 478258
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 42.8 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023914.D
 Acq: 26 Aug 2016 5:44

Tgt Ion:172 Resp: 1684581
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 27.7 21.3 31.9





#49

Dimethylphthalate

Concen: 8.57 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG023914.D

Acq: 26 Aug 2016 5:44

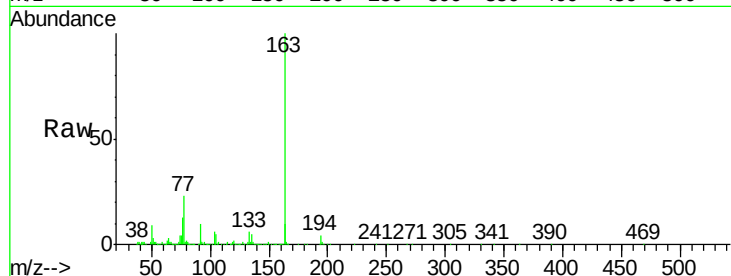
Instrument :

BNA_G

ClientSampleId :

MW-05

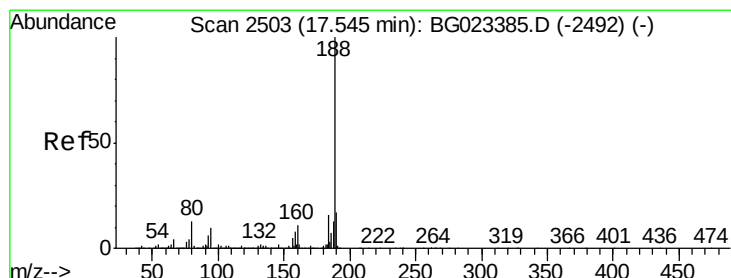
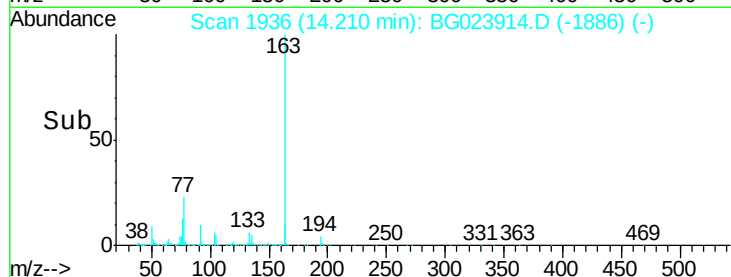
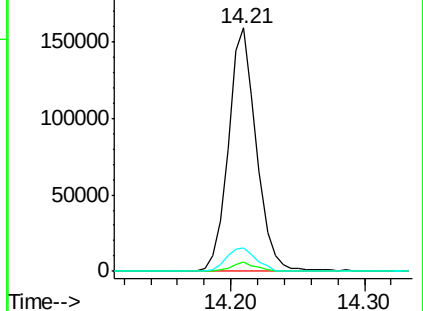
Tgt Ion:	163	Resp:	231547
Ion Ratio		Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.8	8.1	12.1



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

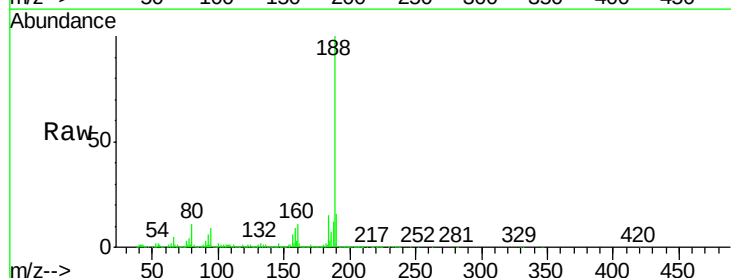
RT: 17.53 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG023914.D

Acq: 26 Aug 2016 5:44

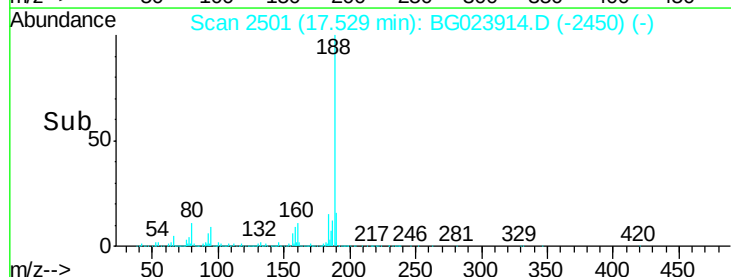
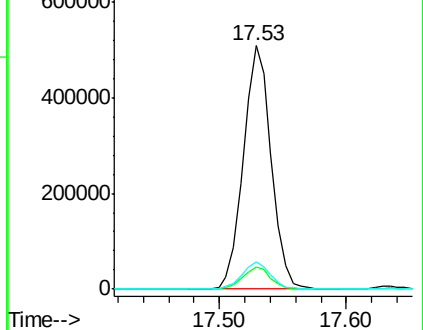
Tgt Ion:	188	Resp:	771017
Ion Ratio		Lower	Upper
188	100		
94	9.3	5.2	7.8#
80	11.2	7.2	10.8#

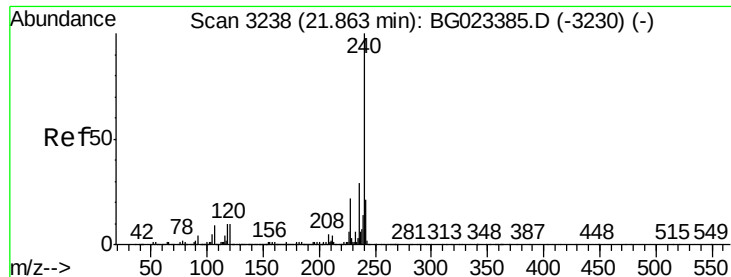


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.85 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BG023914.D

Acq: 26 Aug 2016 5:44

Instrument :

BNA_G

ClientSampleId :

MW-05

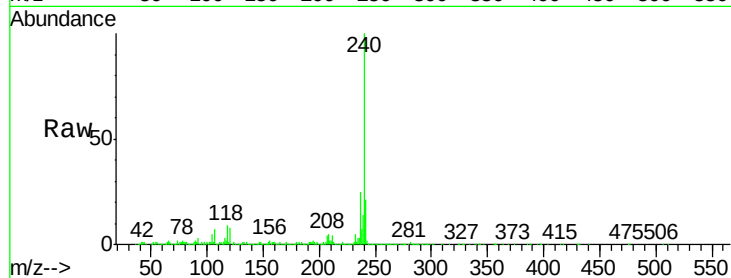
Tgt Ion:240 Resp: 817600

Ion Ratio Lower Upper

240 100

120 8.2 4.1 6.1#

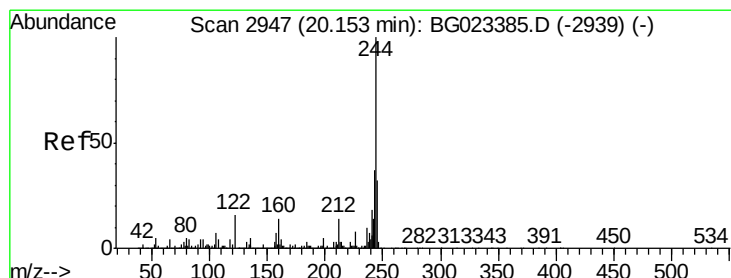
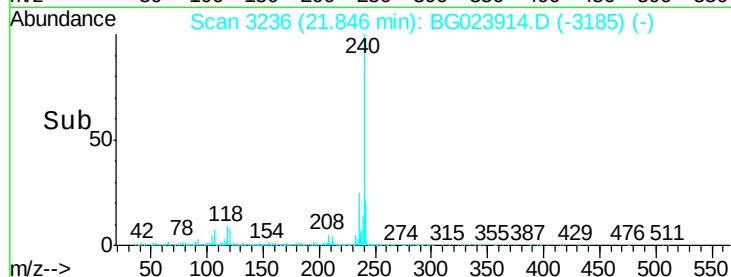
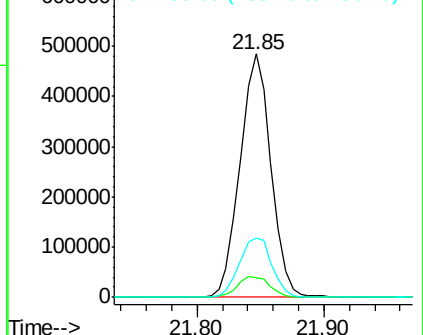
236 24.6 21.1 31.7



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: 68.23 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG023914.D

Acq: 26 Aug 2016 5:44

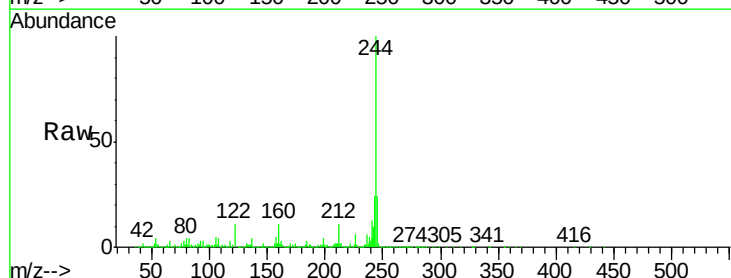
Tgt Ion:244 Resp: 1881222

Ion Ratio Lower Upper

244 100

212 11.0 10.8 16.2

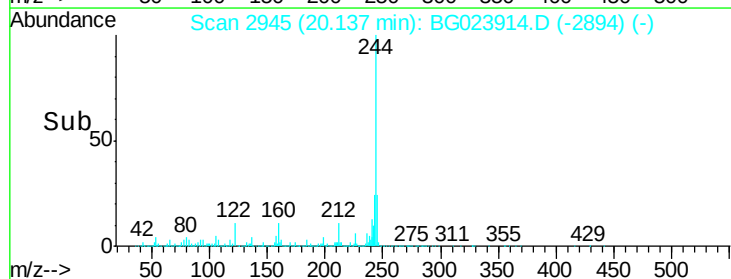
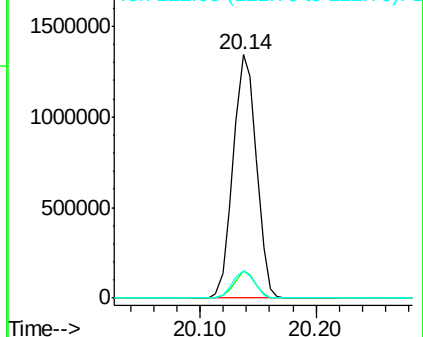
122 11.0 8.0 12.0

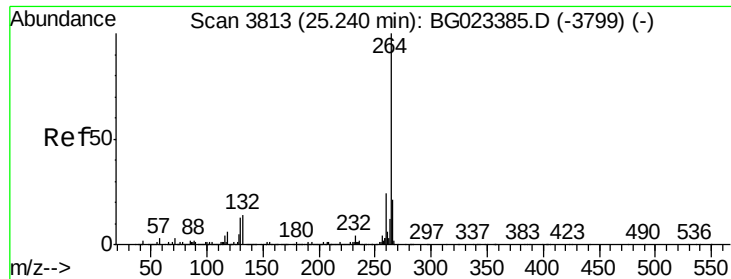


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. 0.01 min
Lab File: BG023914.D
Acq: 26 Aug 2016 5:44

Instrument :
BNA_G
ClientSampleId :
MW-05

Tgt Ion: 264 Resp: 807782
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.1 18.9 28.3

