

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024119.D
 Acq On : 24 Sep 2016 11:23
 Operator : UM/SJ
 Sample : H4902-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116

Quant Time: Sep 26 01:08:07 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

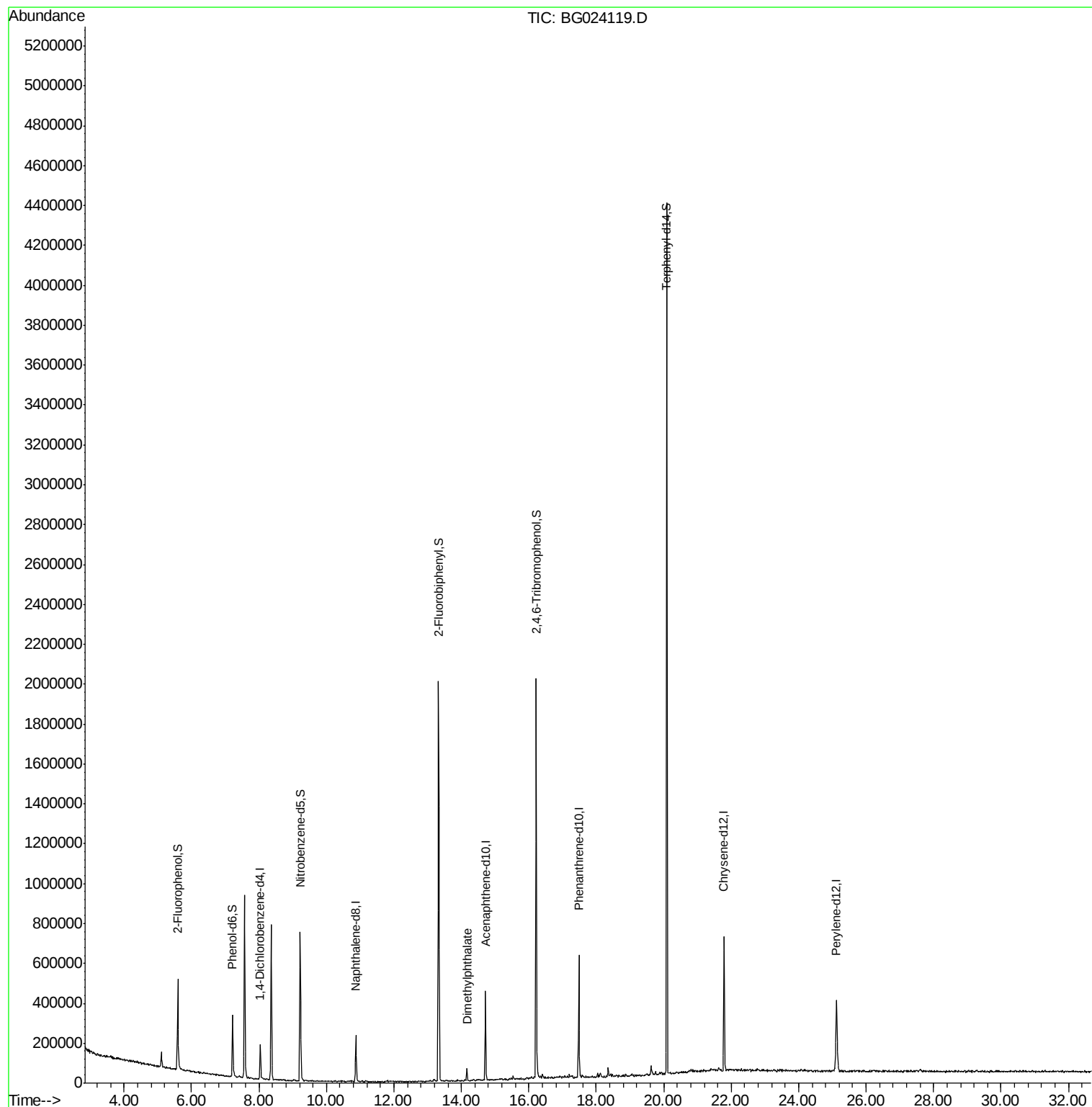
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45097	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	186899	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	155782	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	355769	20.00	ng	0.00
75) Chrysene-d12	21.79	240	406500	20.00	ng	0.00
86) Perylene-d12	25.12	264	402057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	194244	74.62	ng	0.00
7) Phenol-d6	7.21	99	184930	42.22	ng	0.00
23) Nitrobenzene-d5	9.22	82	500813	105.61	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	330605	147.64	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	996374	107.51	ng	0.00
78) Terphenyl-d14	20.09	244	1671809	84.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.16	163	36259	3.03	ng	Qvalue 98

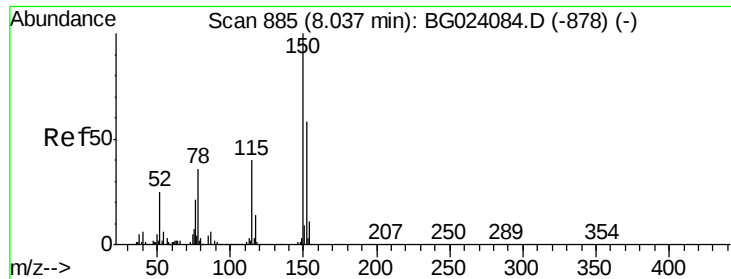
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG024119.D

Acq: 24 Sep 2016 11:23

Instrument :

BNA_G

ClientSampleId :

MW-1-092116

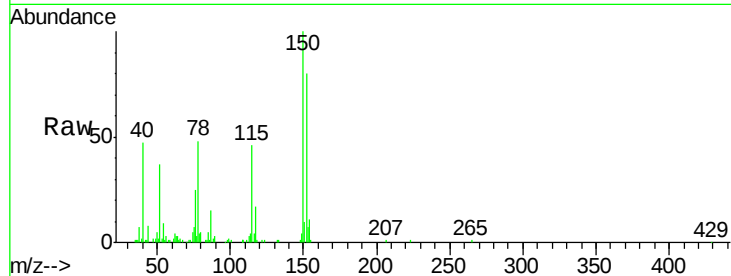
Tgt Ion:152 Resp: 45097

Ion Ratio Lower Upper

152 100

150 125.7 144.7 217.1#

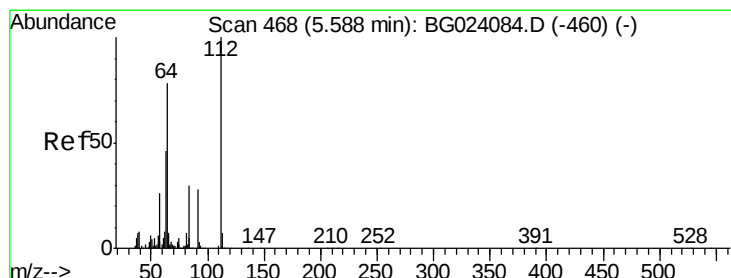
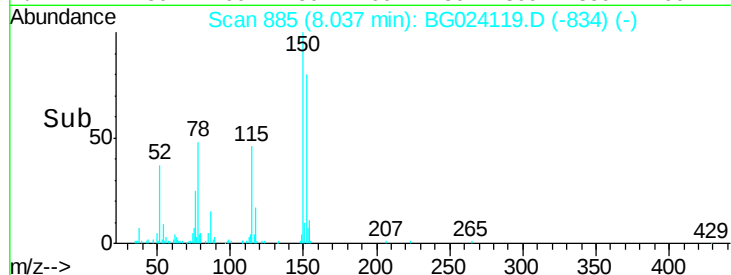
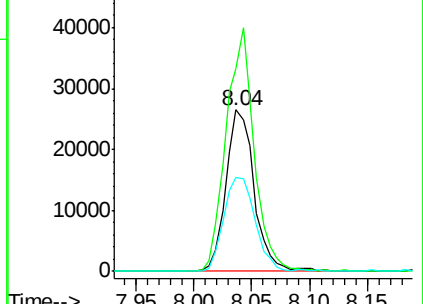
115 57.9 64.0 96.0#



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: 74.62 ng

RT: 5.59 min Scan# 469

Delta R.T. 0.01 min

Lab File: BG024119.D

Acq: 24 Sep 2016 11:23

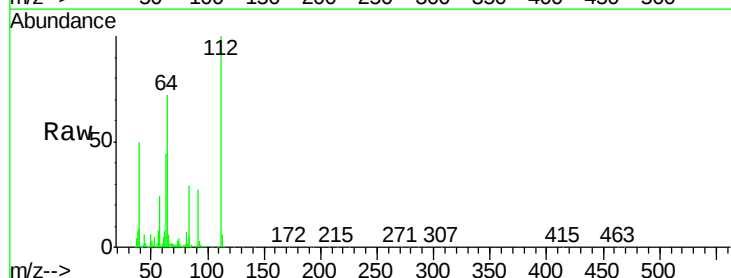
Tgt Ion:112 Resp: 194244

Ion Ratio Lower Upper

112 100

64 72.4 59.0 88.4

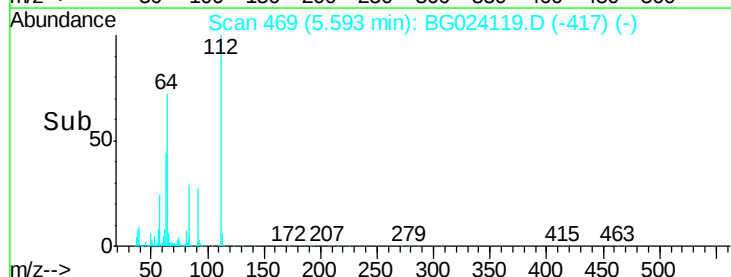
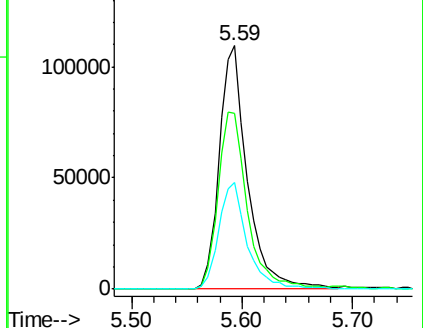
63 43.9 37.8 56.8

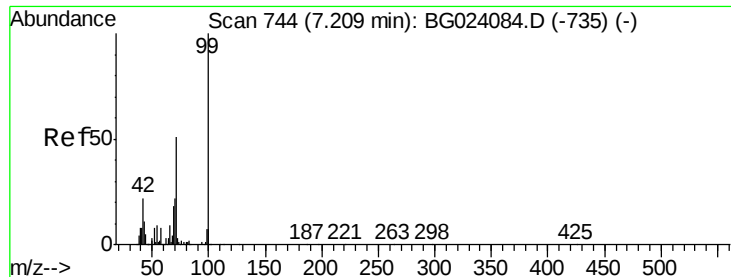


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.22 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024119.D

Acq: 24 Sep 2016 11:23

Instrument :

BNA_G

ClientSampleId :

MW-1-092116

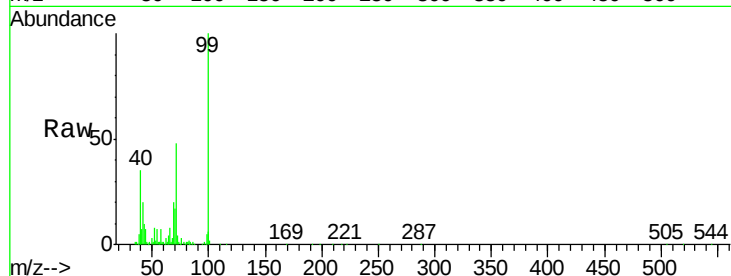
Tgt Ion: 99 Resp: 184930

Ion Ratio Lower Upper

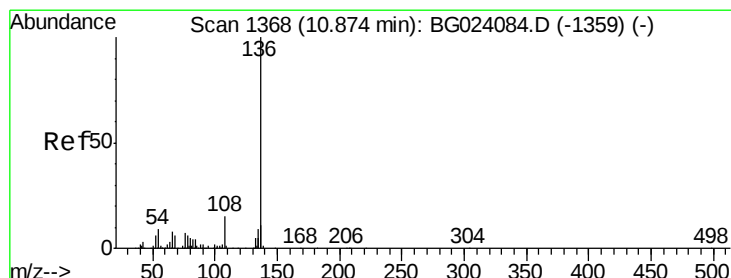
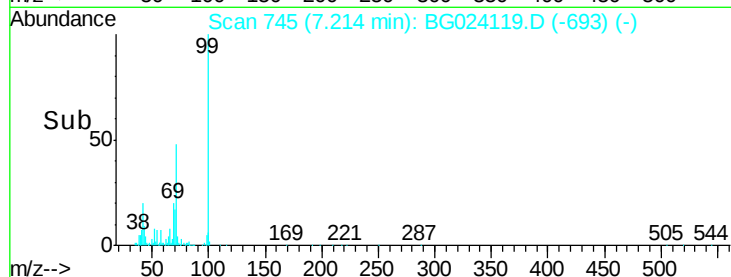
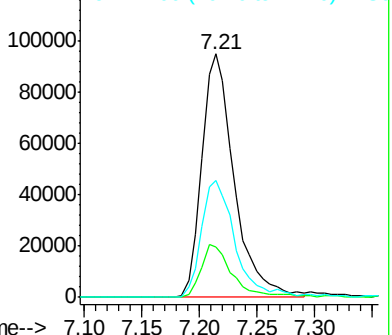
99 100

42 20.5 17.8 26.6

71 48.1 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: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024119.D

Acq: 24 Sep 2016 11:23

Tgt Ion: 136 Resp: 186899

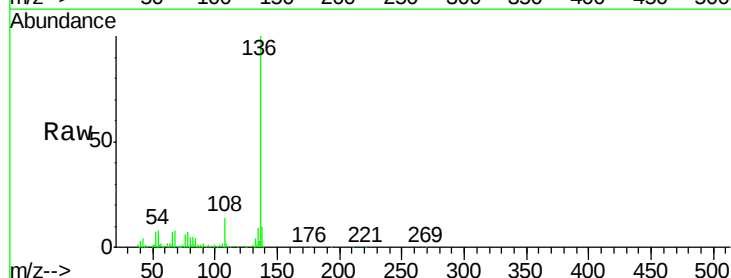
Ion Ratio Lower Upper

136 100

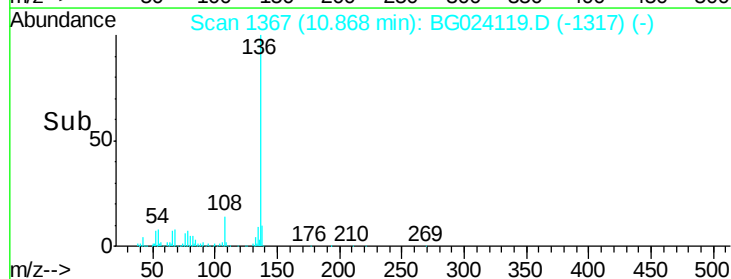
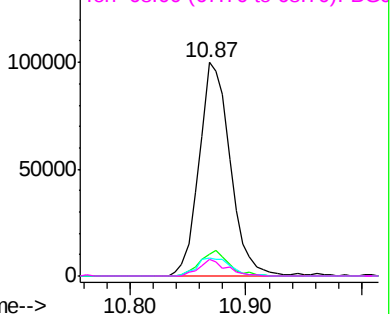
137 10.4 9.6 14.4

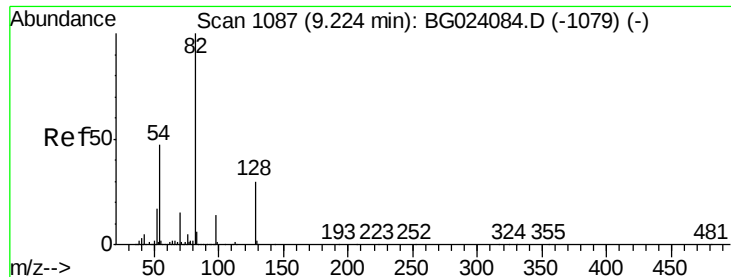
54 8.5 7.3 10.9

68 7.8 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

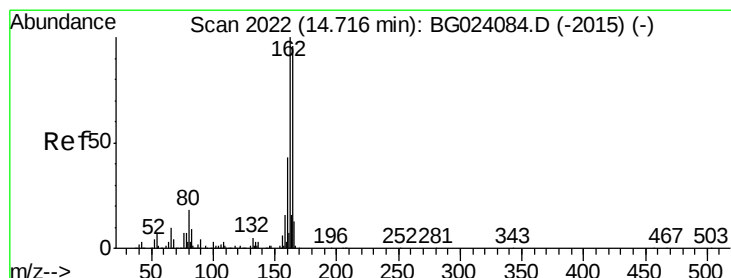
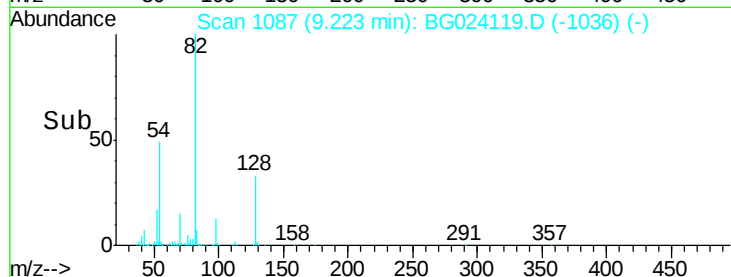
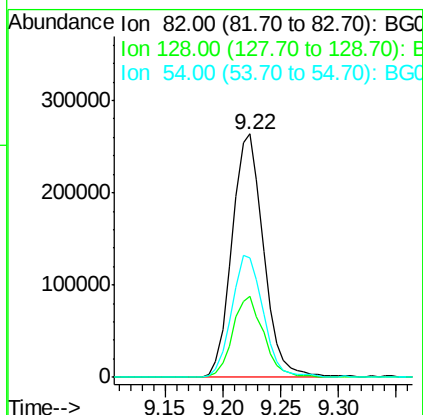
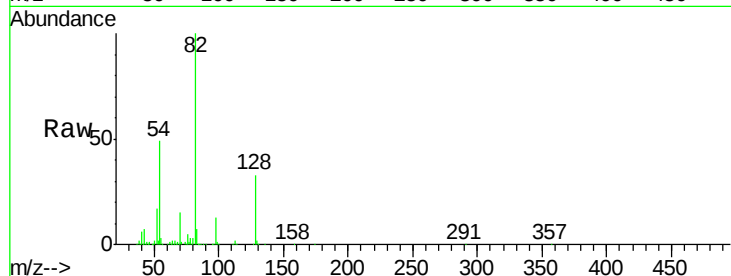




#23
 Nitrobenzene-d5
 Concen: 105.61 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BG024119.D
 Acq: 24 Sep 2016 11:23

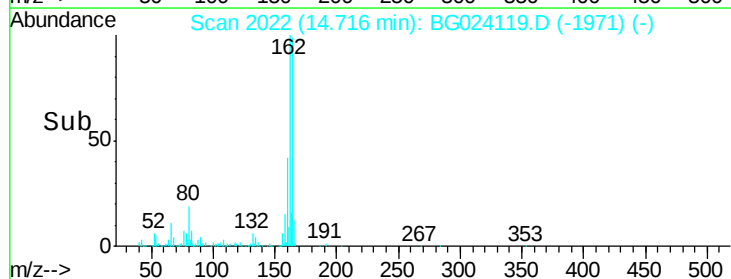
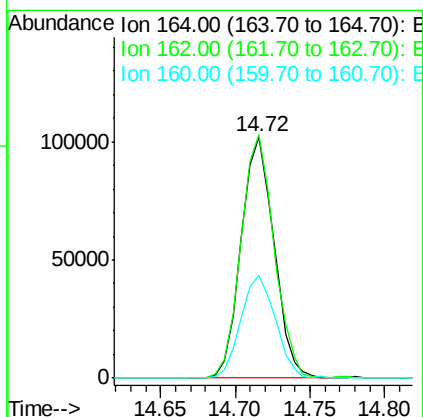
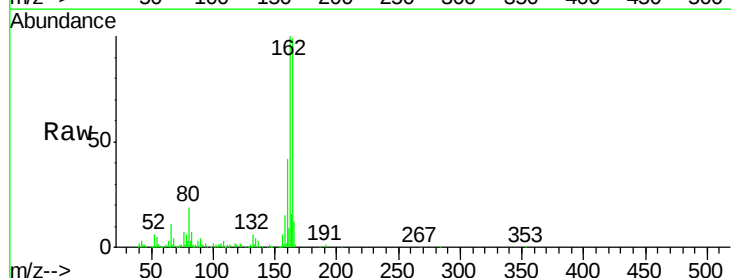
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116

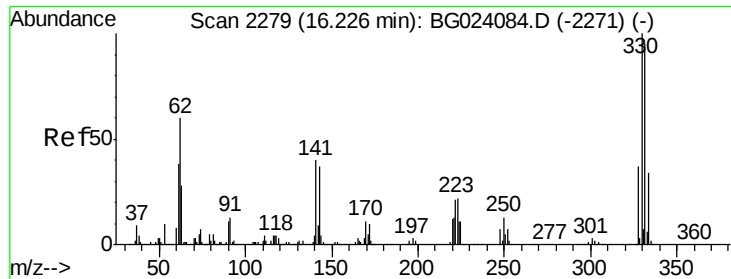
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	24.4	36.6
54	49.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG024119.D
 Acq: 24 Sep 2016 11:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	87.7	131.5
160	42.4	37.2	55.8

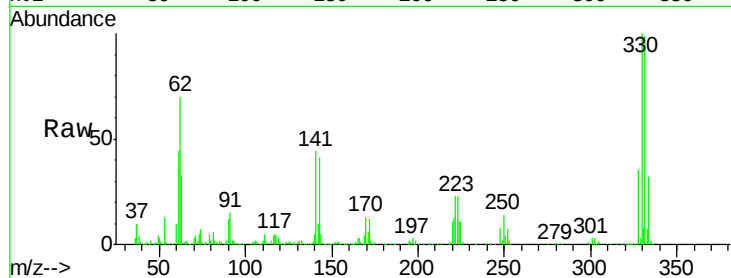




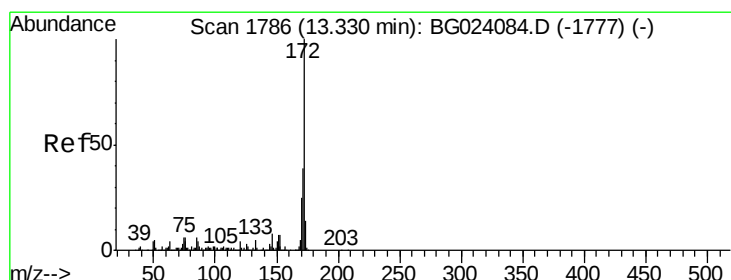
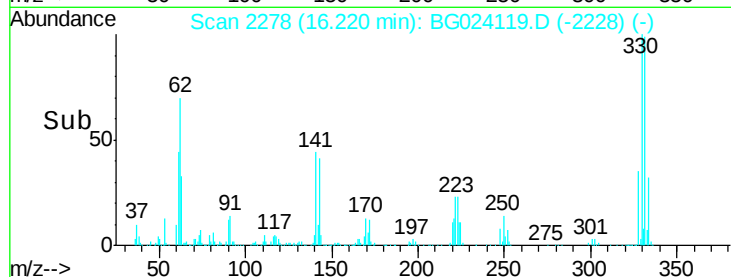
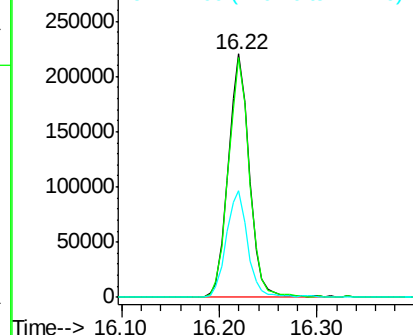
#41
 2,4,6-Tribromophenol
 Concen: 147.64 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024119.D
 Acq: 24 Sep 2016 11:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	44.3	31.7	47.5

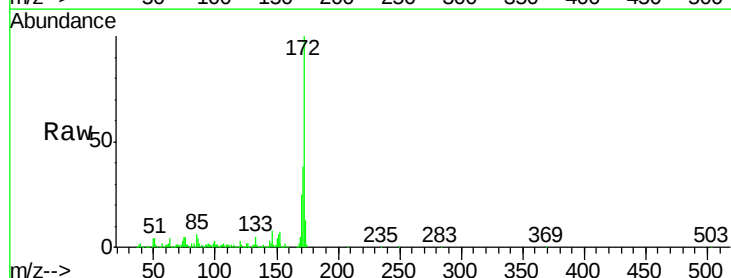


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

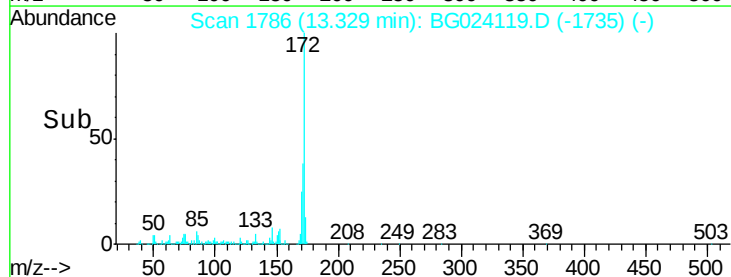
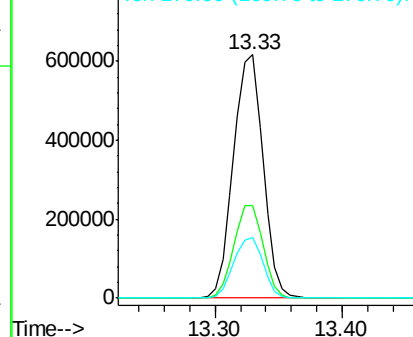


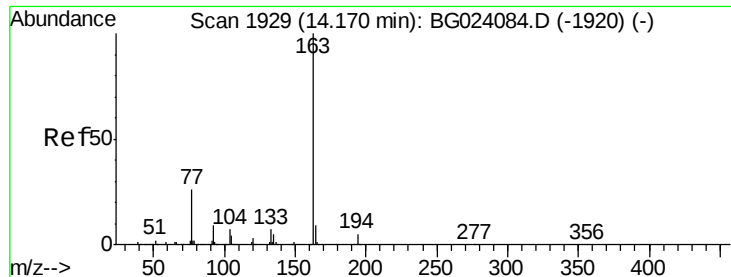
#44
 2-Fluorobiphenyl
 Concen: 107.51 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG024119.D
 Acq: 24 Sep 2016 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.6	47.4
170	25.1	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: 3.03 ng

RT: 14.16 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG024119.D

Acq: 24 Sep 2016 11:23

Instrument :

BNA_G

ClientSampleId :

MW-1-092116

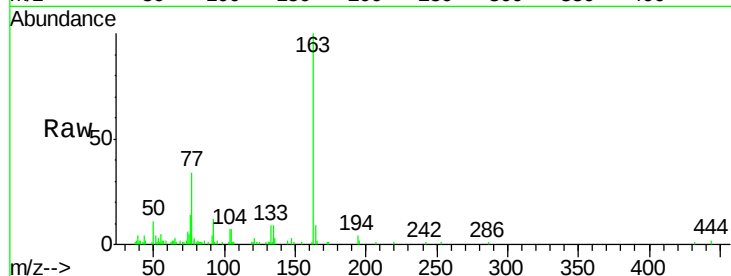
Tgt Ion:163 Resp: 36259

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

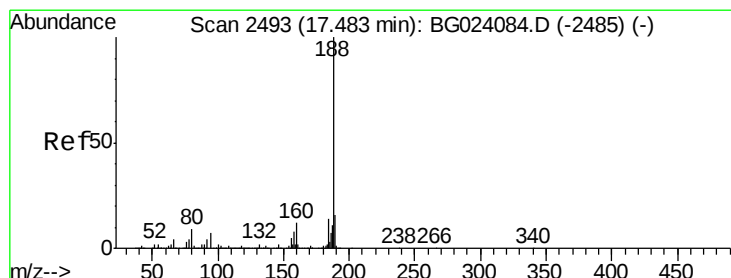
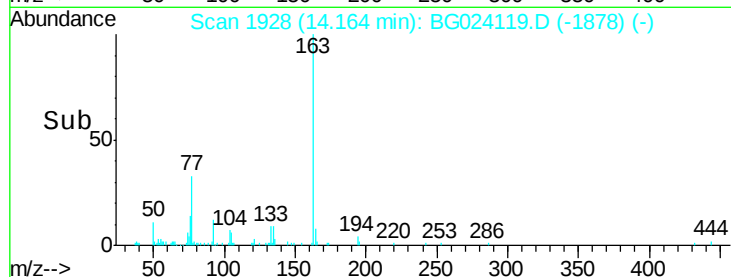
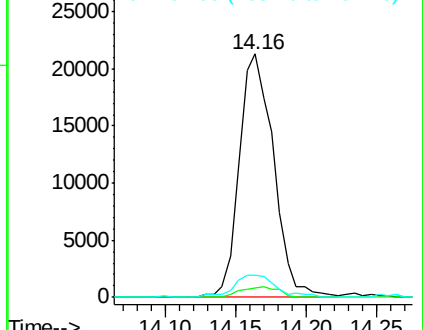
164 9.0 8.1 12.1



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: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG024119.D

Acq: 24 Sep 2016 11:23

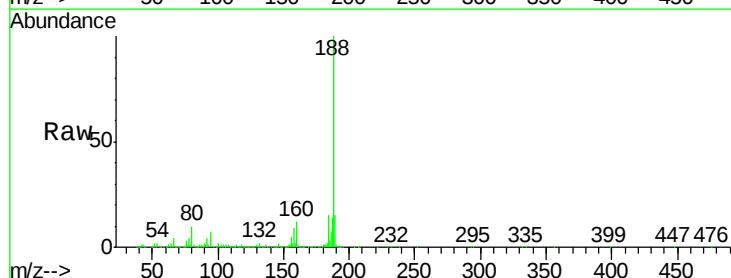
Tgt Ion:188 Resp: 355769

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

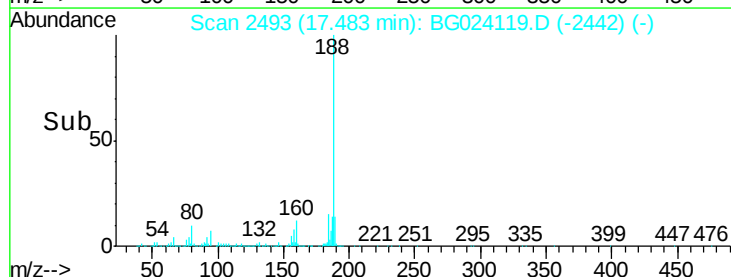
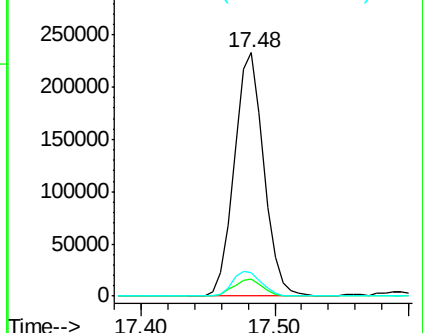
80 9.8 7.2 10.8

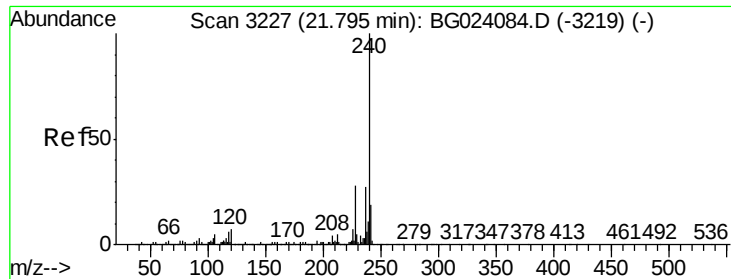


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024119.D

Acq: 24 Sep 2016 11:23

Instrument :

BNA_G

ClientSampleId :

MW-1-092116

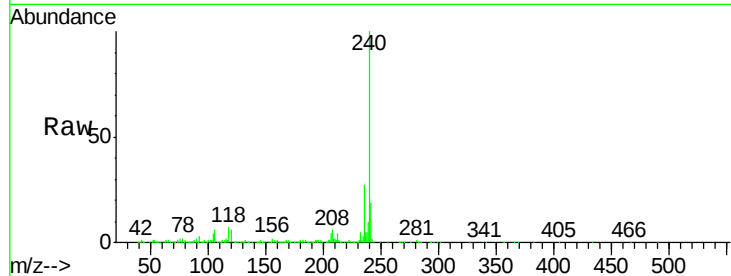
Tgt Ion:240 Resp: 406500

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

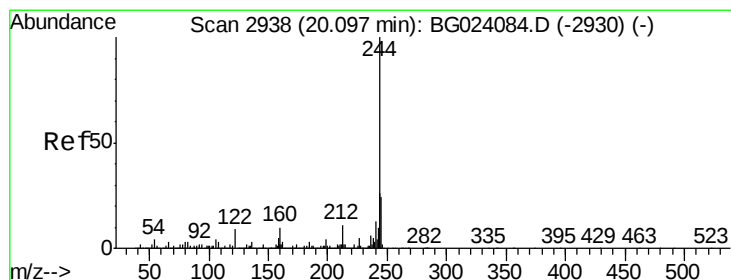
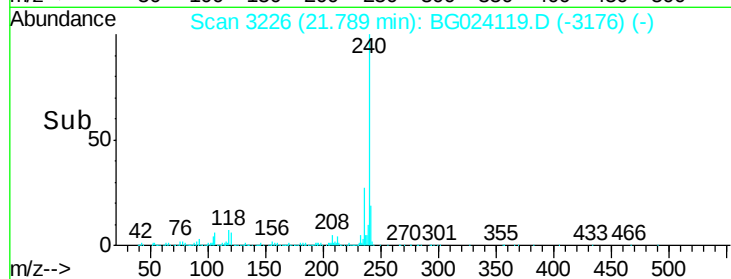
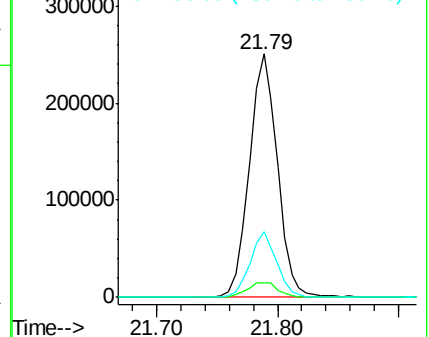
236 27.1 21.1 31.7



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: 84.21 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024119.D

Acq: 24 Sep 2016 11:23

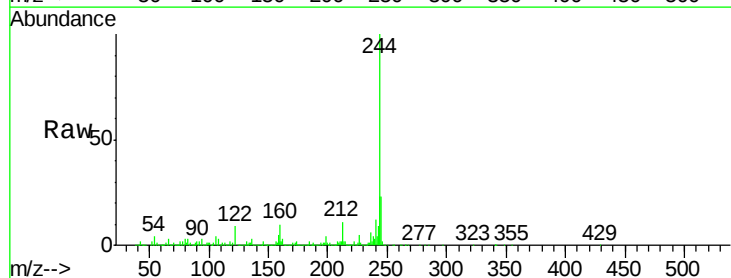
Tgt Ion:244 Resp: 1671809

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

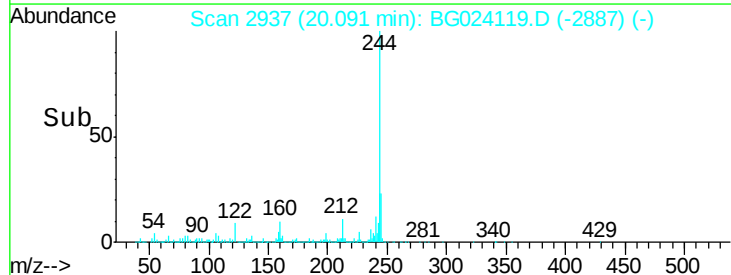
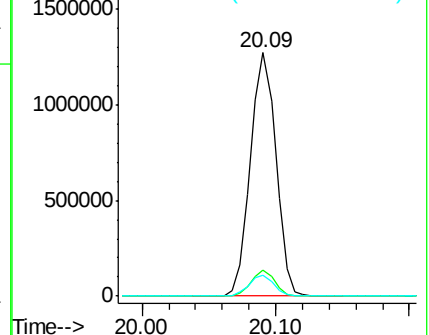
122 8.8 8.0 12.0

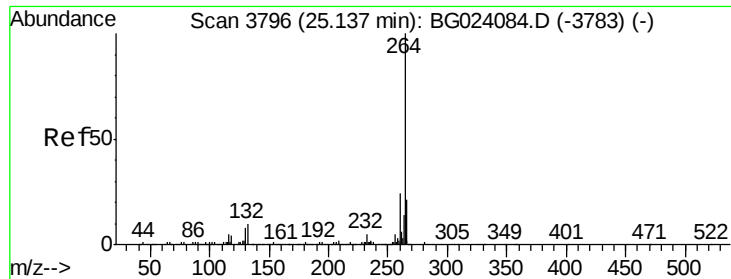


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024119.D
Acq: 24 Sep 2016 11:23

Instrument :
BNA_G
ClientSampleId :
MW-1-092116

Tgt Ion:	264	Resp:	402057
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.0	18.9	28.3

