

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024123.D
 Acq On : 24 Sep 2016 13:56
 Operator : UM/SJ
 Sample : H4902-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3-092116

Quant Time: Sep 26 01:27:02 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

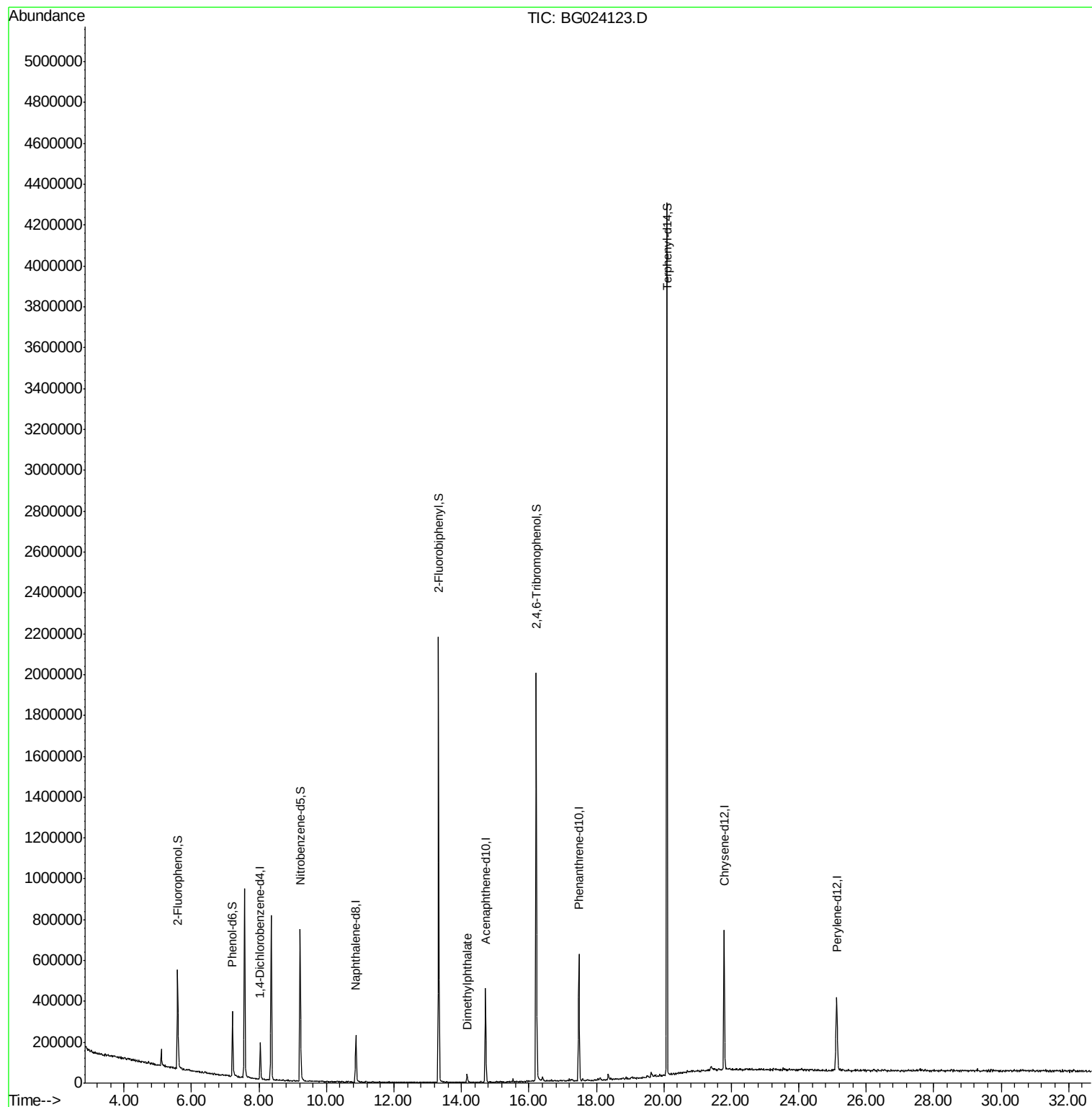
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45815	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	200791	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	164450	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	379142	20.00	ng	0.00
75) Chrysene-d12	21.79	240	427198	20.00	ng	0.00
86) Perylene-d12	25.12	264	403814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	203963	77.13	ng	0.00
7) Phenol-d6	7.22	99	200601	45.08	ng	0.00
23) Nitrobenzene-d5	9.22	82	507485	99.61	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	355787	150.51	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1026397	104.91	ng	0.00
78) Terphenyl-d14	20.09	244	1695822	81.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.17	163	27984	2.22	ng	Qvalue # 97

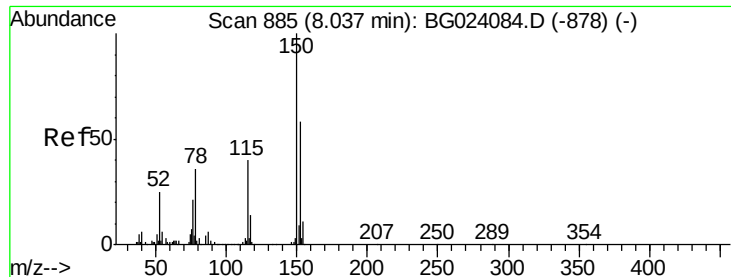
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG024123.D

Acq: 24 Sep 2016 13:56

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BNA_G

ClientSampleId :

MW-3-092116

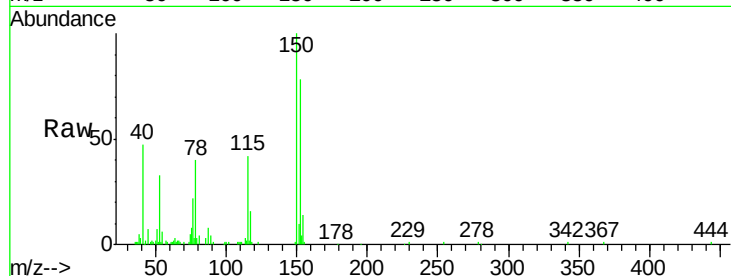
Tgt Ion:152 Resp: 45815

Ion Ratio Lower Upper

152 100

150 128.3 144.7 217.1#

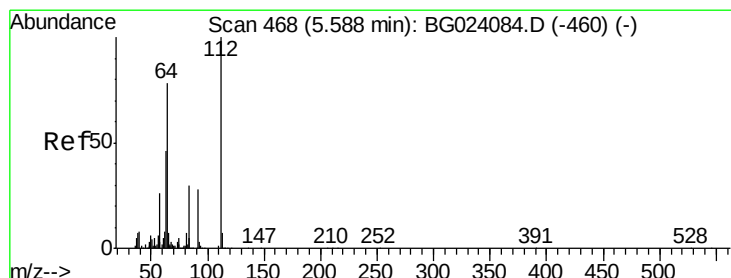
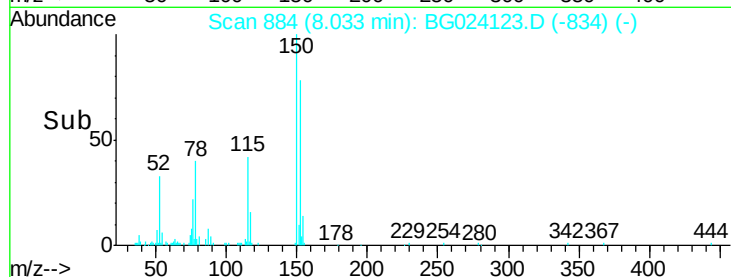
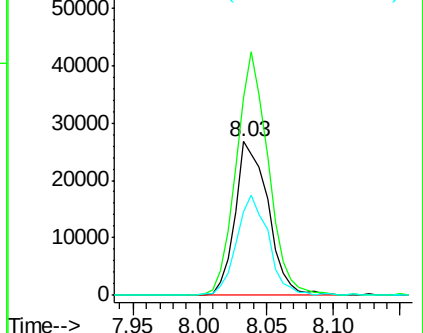
115 54.4 64.0 96.0#



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: 77.13 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024123.D

Acq: 24 Sep 2016 13:56

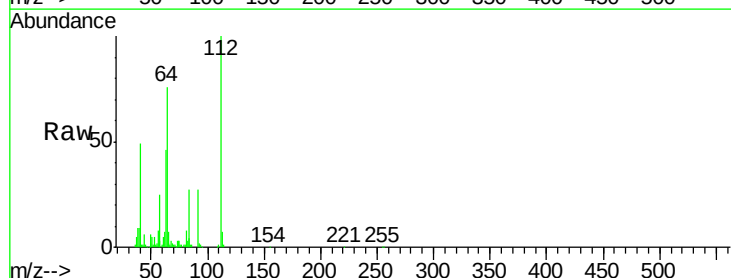
Tgt Ion:112 Resp: 203963

Ion Ratio Lower Upper

112 100

64 76.3 59.0 88.4

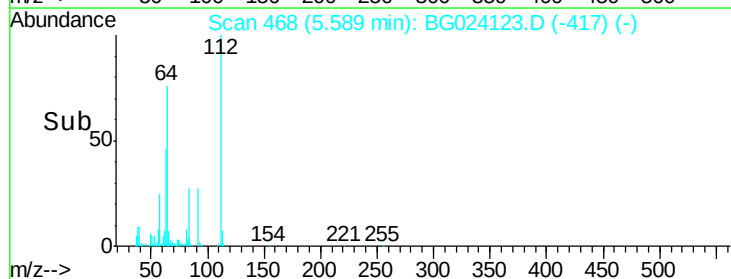
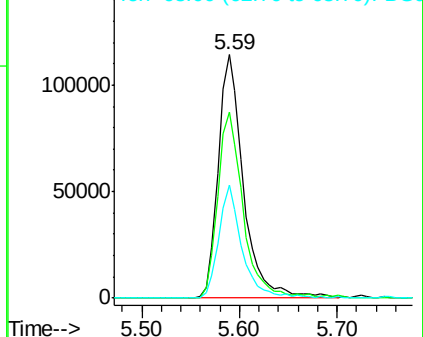
63 46.2 37.8 56.8

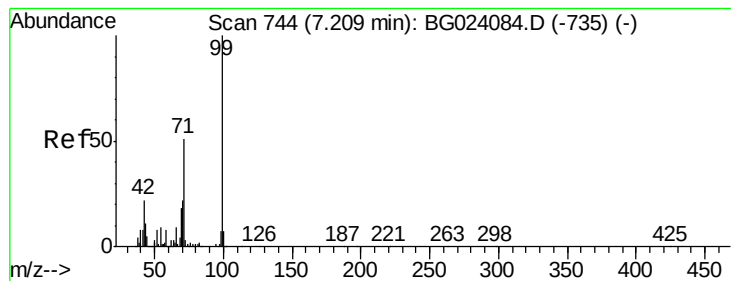


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 45.08 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024123.D

Acq: 24 Sep 2016 13:56

Instrument :

BNA_G

ClientSampleId :

MW-3-092116

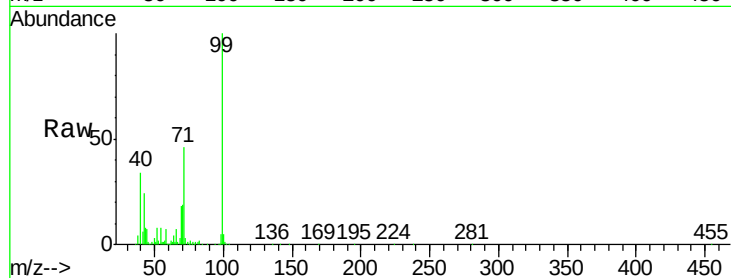
Tgt Ion: 99 Resp: 200601

Ion Ratio Lower Upper

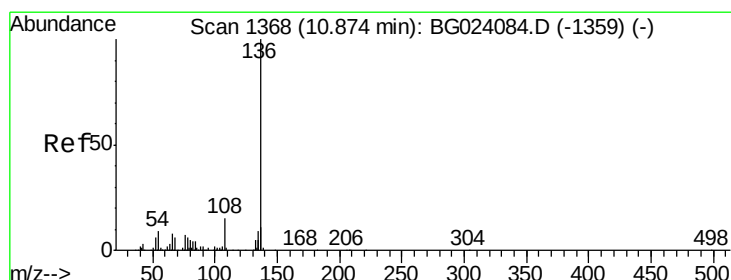
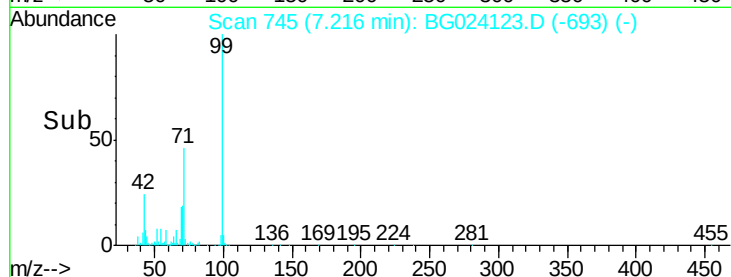
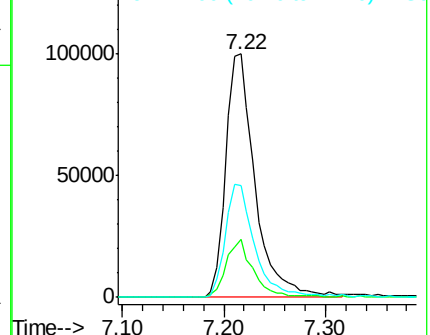
99 100

42 23.7 17.8 26.6

71 45.8 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. -0.00 min

Lab File: BG024123.D

Acq: 24 Sep 2016 13:56

Tgt Ion: 136 Resp: 200791

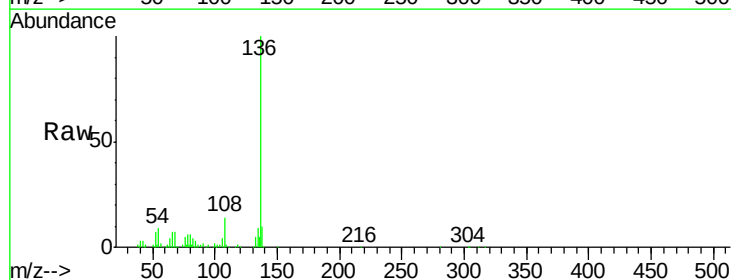
Ion Ratio Lower Upper

136 100

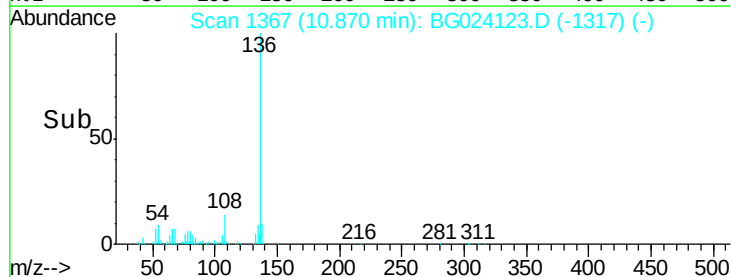
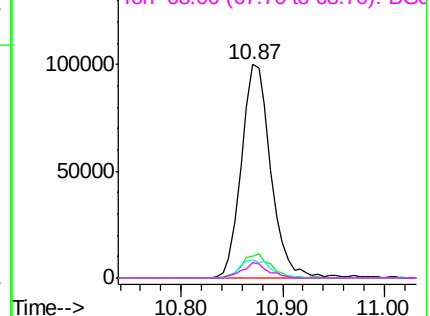
137 9.9 9.6 14.4

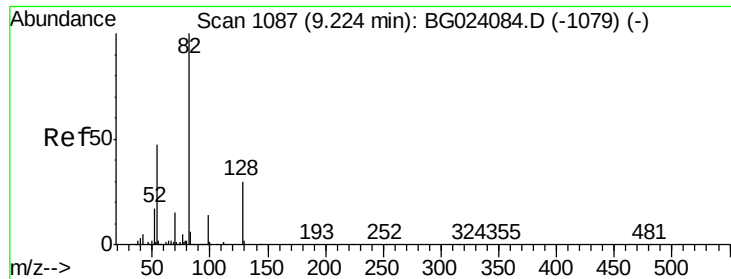
54 8.6 7.3 10.9

68 6.9 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

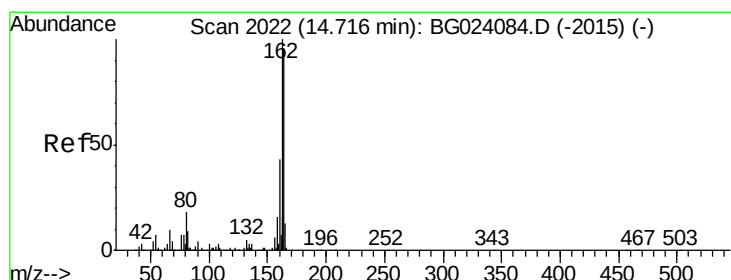
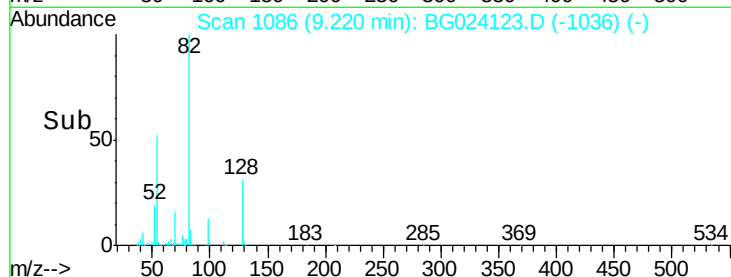
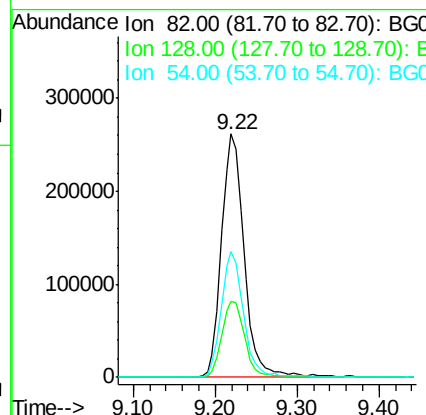
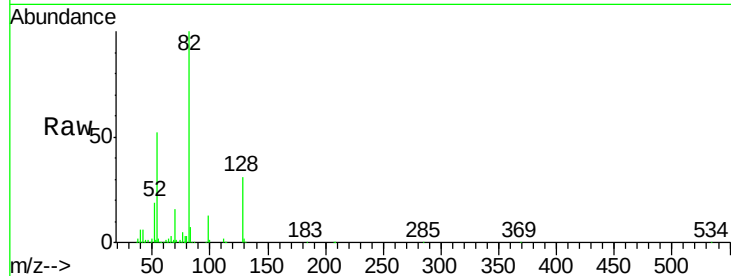




#23
Nitrobenzene-d5
Concen: 99.61 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG024123.D
Acq: 24 Sep 2016 13:56

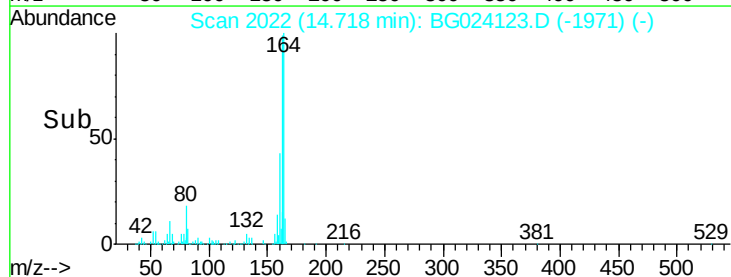
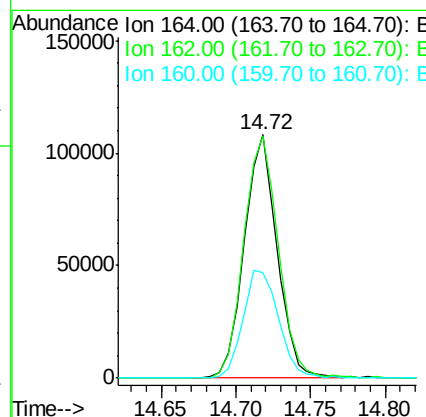
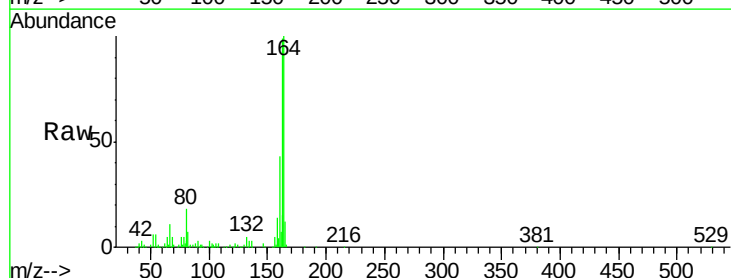
Instrument :
BNA_G
ClientSampleId :
MW-3-092116

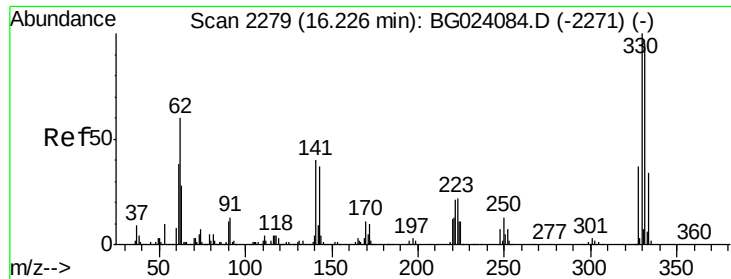
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.4	24.4	36.6
54	51.9	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024123.D
Acq: 24 Sep 2016 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	87.7	131.5
160	43.2	37.2	55.8

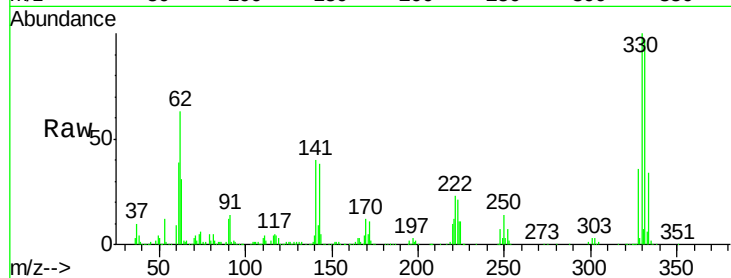




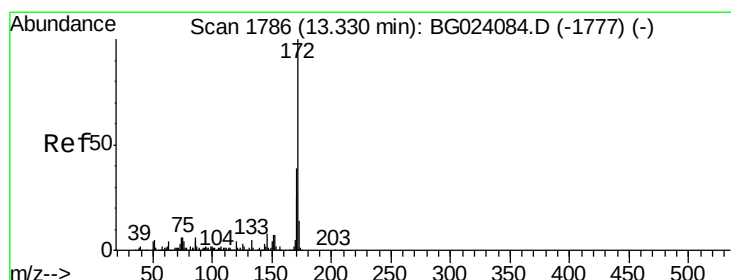
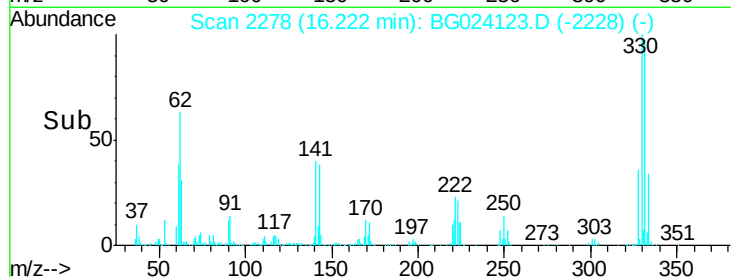
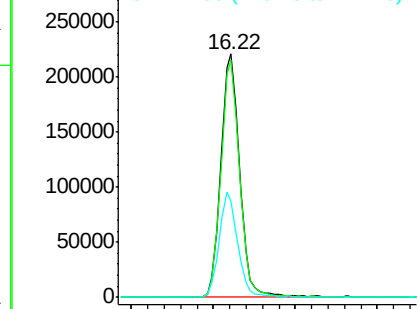
#41
2,4,6-Tribromophenol
Concen: 150.51 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BG024123.D
Acq: 24 Sep 2016 13:56

Instrument :
BNA_G
ClientSampleId :
MW-3-092116

Tgt Ion:330 Resp: 355787
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 42.2 31.7 47.5

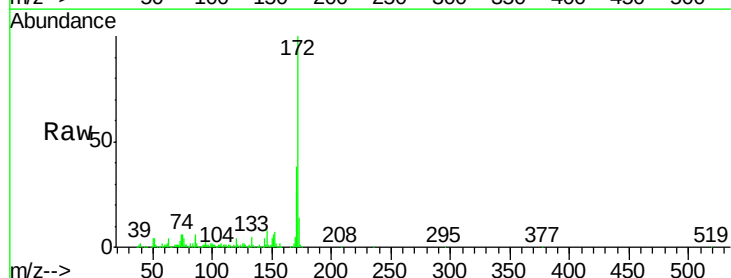


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

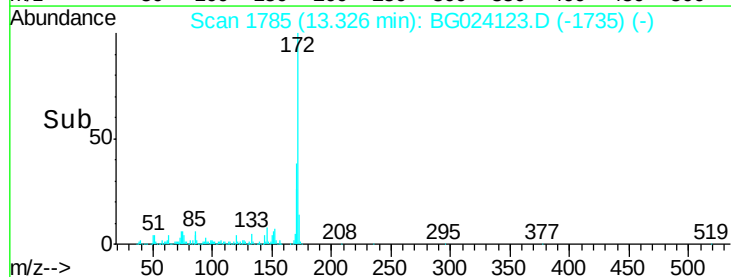
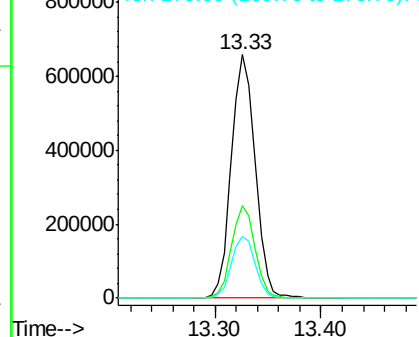


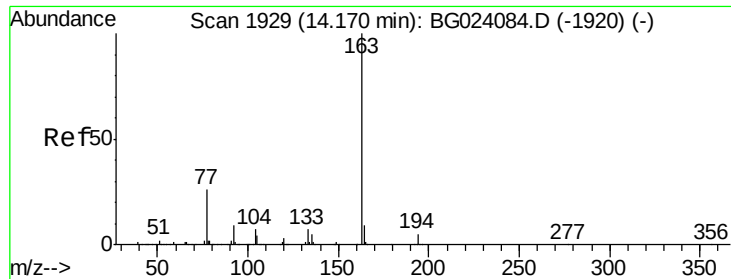
#44
2-Fluorobiphenyl
Concen: 104.91 ng
RT: 13.33 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG024123.D
Acq: 24 Sep 2016 13:56

Tgt Ion:172 Resp: 1026397
Ion Ratio Lower Upper
172 100
171 38.1 31.6 47.4
170 25.6 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: 2.22 ng

RT: 14.17 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG024123.D

Acq: 24 Sep 2016 13:56

Instrument :

BNA_G

ClientSampleId :

MW-3-092116

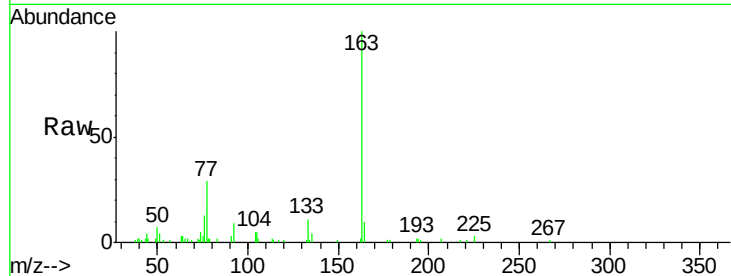
Tgt Ion:163 Resp: 27984

Ion Ratio Lower Upper

163 100

194 1.8 3.6 5.4#

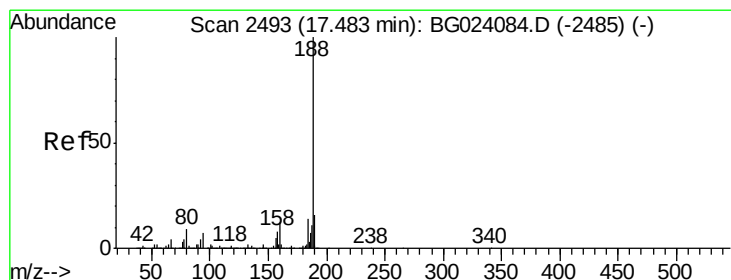
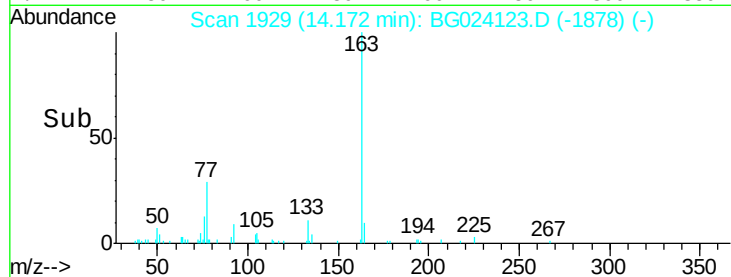
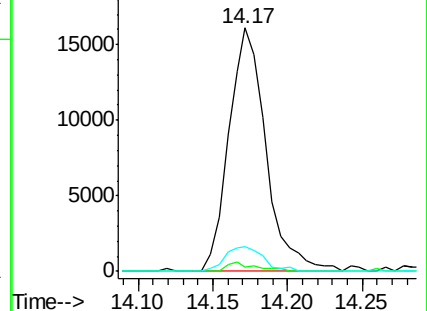
164 10.2 8.1 12.1



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: BG024123.D

Acq: 24 Sep 2016 13:56

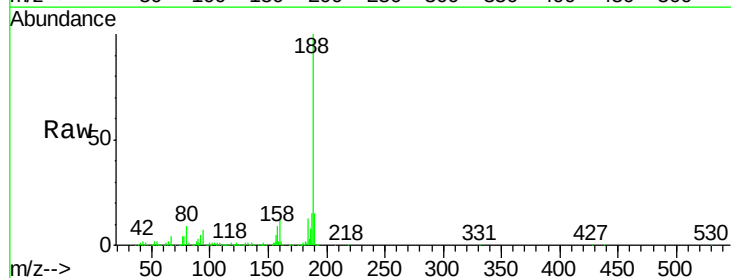
Tgt Ion:188 Resp: 379142

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

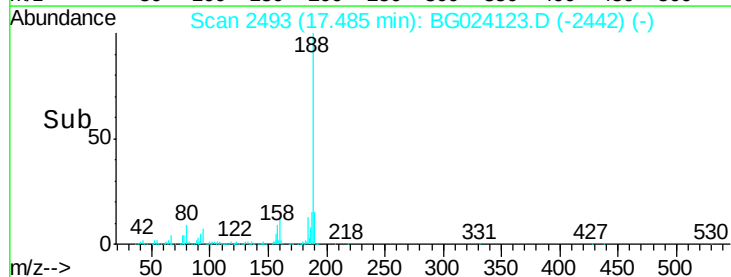
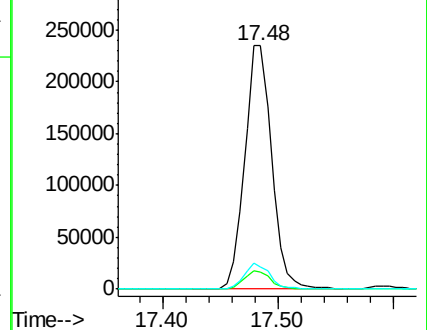
80 8.9 7.2 10.8

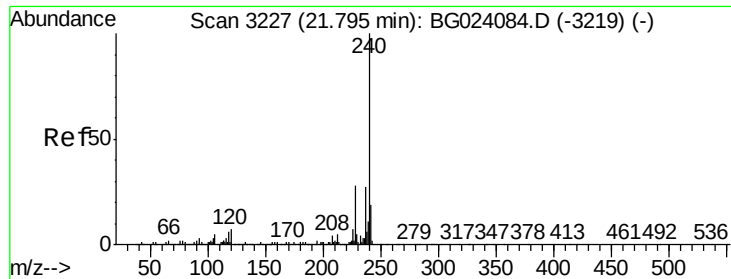


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

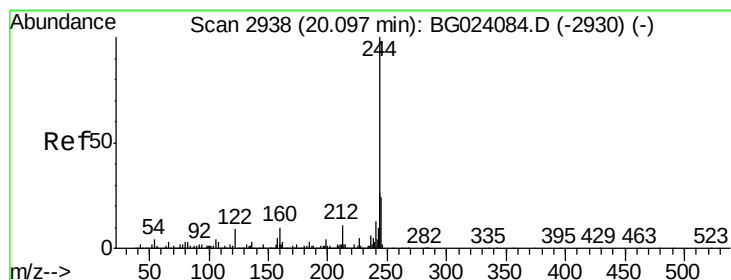
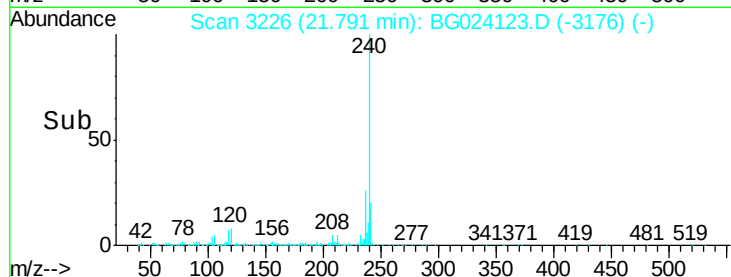
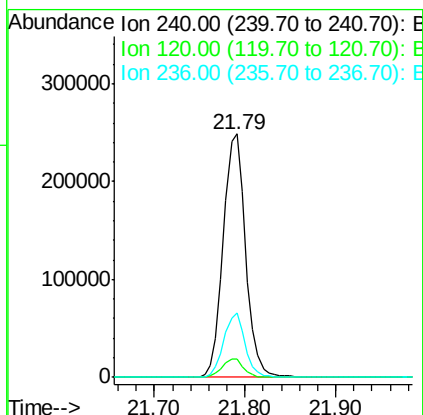
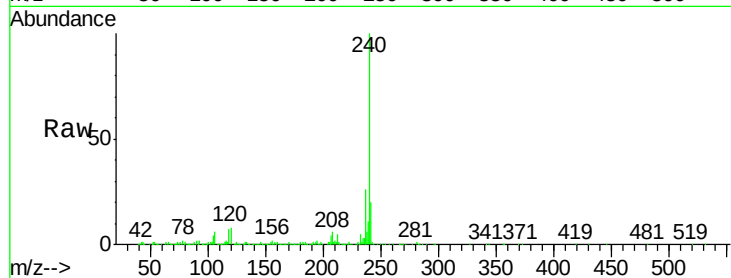




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG024123.D
Acq: 24 Sep 2016 13:56

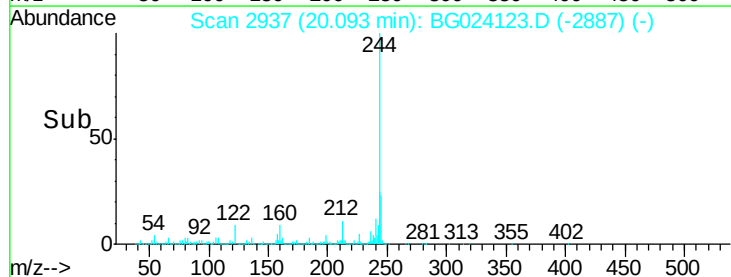
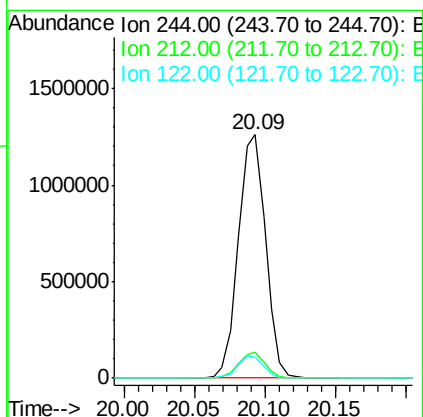
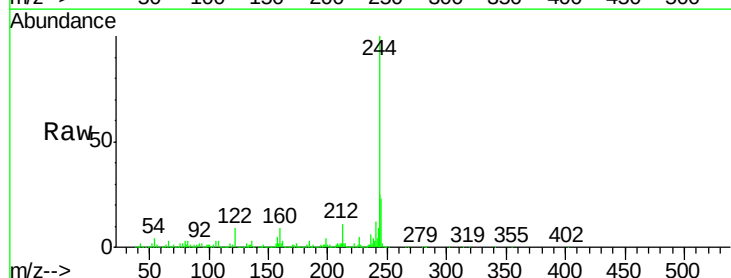
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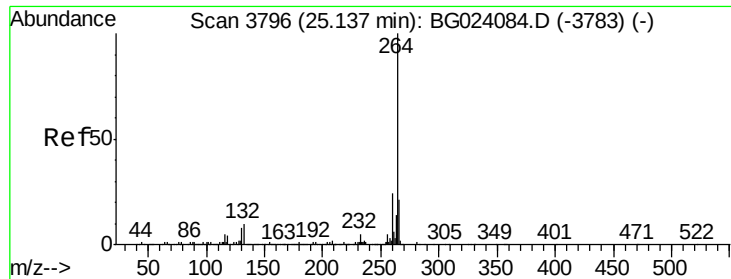
Tgt Ion:240 Resp: 427198
Ion Ratio Lower Upper
240 100
120 7.7 4.1 6.1#
236 26.3 21.1 31.7



#78
Terphenyl-d14
Concen: 81.28 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BG024123.D
Acq: 24 Sep 2016 13:56

Tgt Ion:244 Resp: 1695822
Ion Ratio Lower Upper
244 100
212 10.5 10.8 16.2#
122 8.5 8.0 12.0

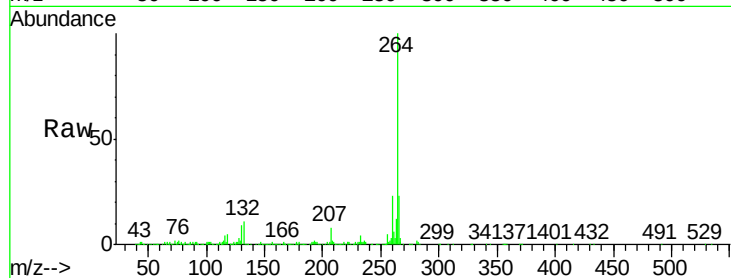




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024123.D
Acq: 24 Sep 2016 13:56

Instrument :
BNA_G
ClientSampleId :
MW-3-092116

Tgt Ion:	264	Resp:	403814
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	22.6	18.9	28.3



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

