

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024184.D
 Acq On : 1 Oct 2016 7:02
 Operator : UM/SJ
 Sample : H5023-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-B-2-09272016

Quant Time: Oct 03 01:04:42 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

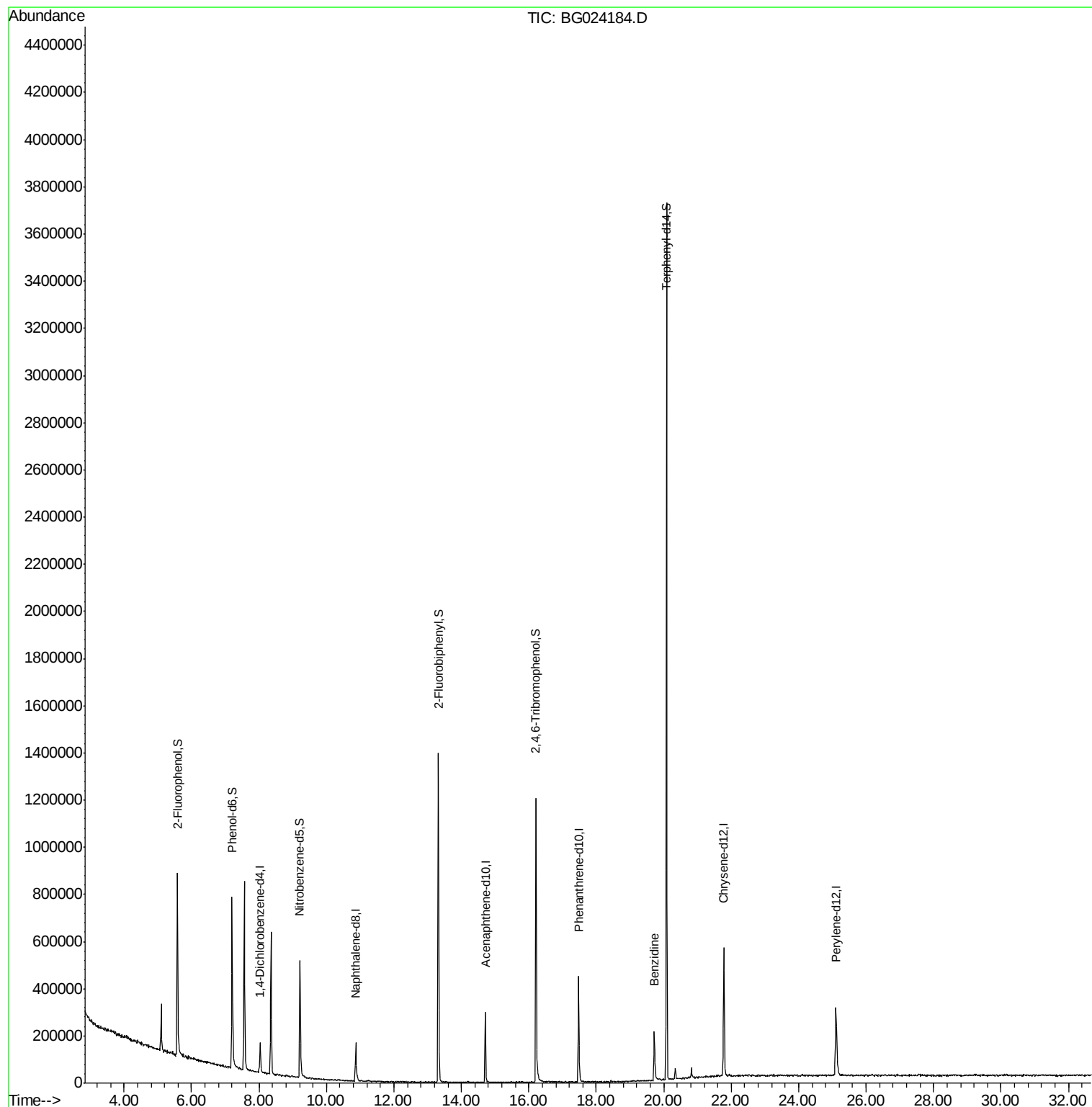
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	33857	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	143128	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	108767	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	296631	20.00	ng	0.00
75) Chrysene-d12	21.78	240	364353	20.00	ng	-0.01
86) Perylene-d12	25.11	264	343482	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	314921	161.15	ng	0.00
7) Phenol-d6	7.20	99	422058	128.35	ng	0.00
23) Nitrobenzene-d5	9.21	82	347981	95.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	221061	141.40	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	672546	103.94	ng	-0.01
78) Terphenyl-d14	20.08	244	1483479	83.37	ng	-0.01
Target Compounds						
76) Benzidine	19.72	184	157529	15.27	ng	Qvalue 97

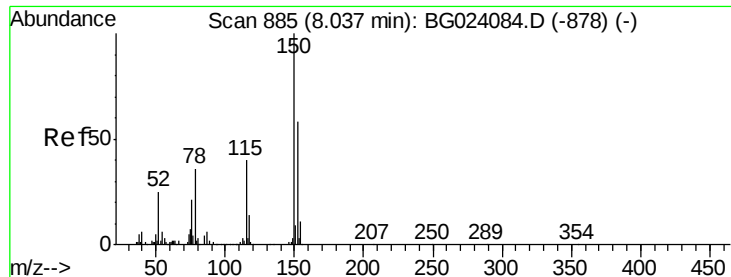
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG024184.D

Acq: 1 Oct 2016 7:02

Instrument :

BNA_G

ClientSampleId :

WC-AREA-B-2-09272016

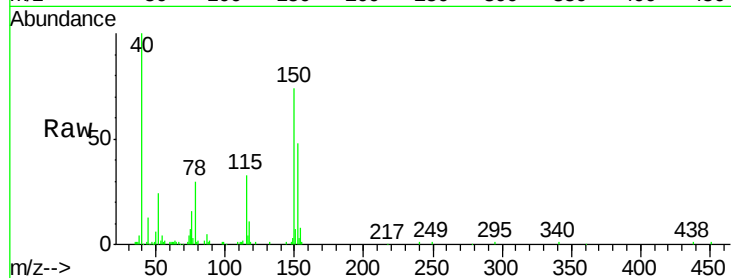
Tot Ion:152 Resp: 33857

Ion Ratio Lower Upper

152 100

150 154.8 144.7 217.1

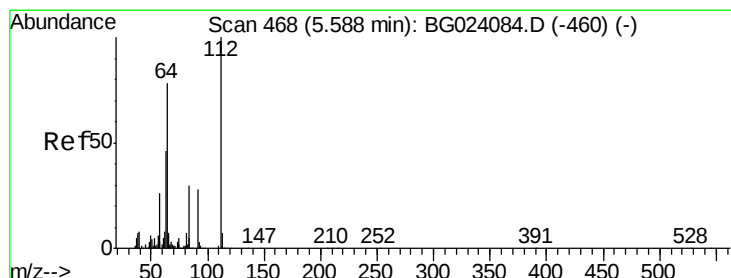
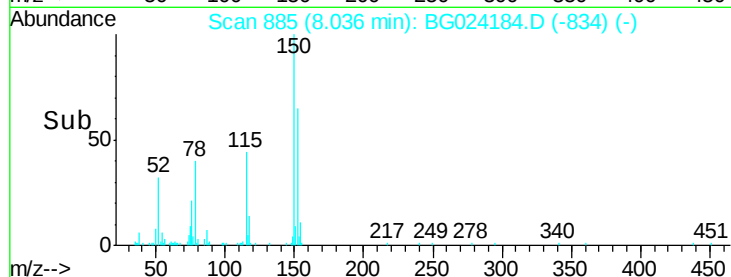
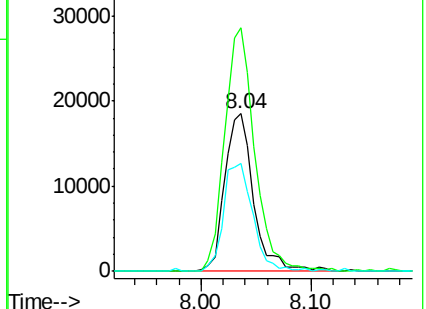
115 68.4 64.0 96.0



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: 161.15 ng

RT: 5.58 min Scan# 467

Delta R.T. -0.01 min

Lab File: BG024184.D

Acq: 1 Oct 2016 7:02

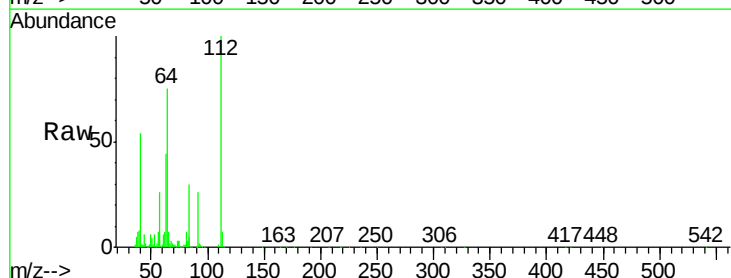
Tgt Ion:112 Resp: 314921

Ion Ratio Lower Upper

112 100

64 74.8 59.0 88.4

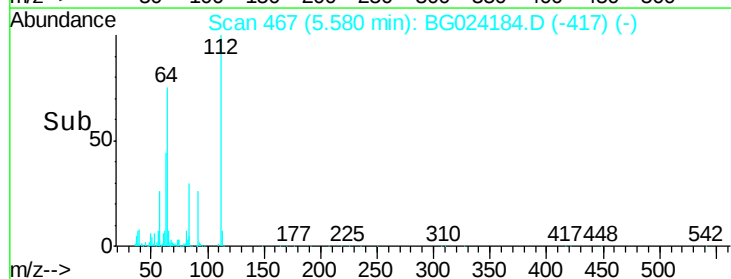
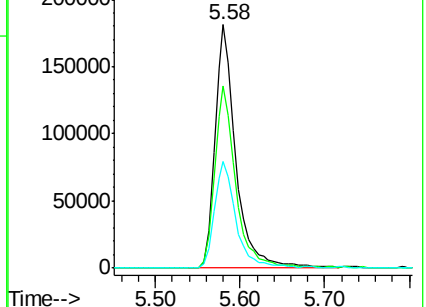
63 43.7 37.8 56.8

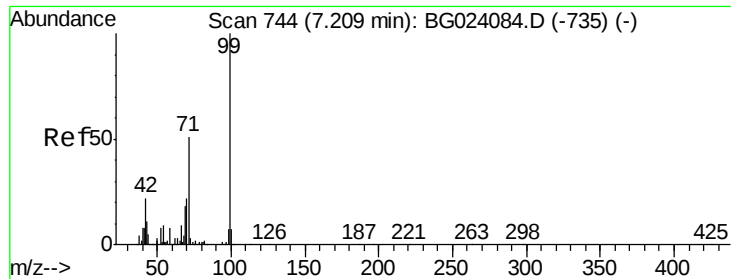


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.35 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024184.D

Acq: 1 Oct 2016 7:02

Instrument :

BNA_G

ClientSampleId :

WC-AREA-B-2-09272016

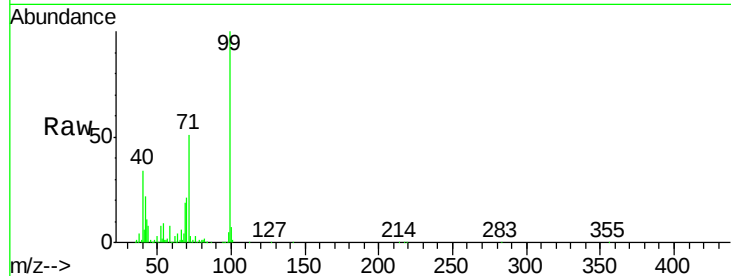
Tot Ion: 99 Resp: 422058

Ion Ratio Lower Upper

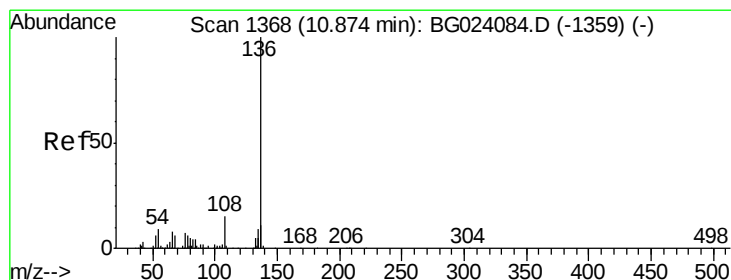
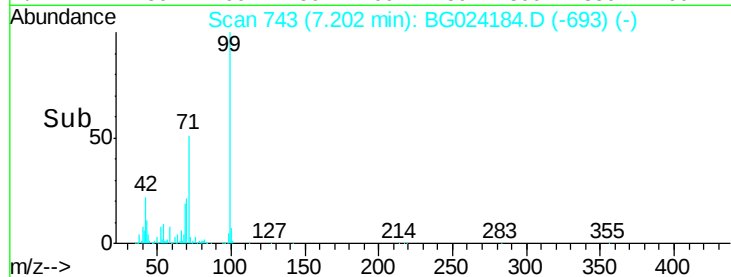
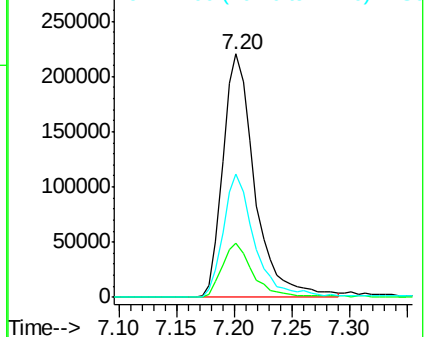
99 100

42 22.3 17.8 26.6

71 50.6 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: BG024184.D

Acq: 1 Oct 2016 7:02

Tgt Ion: 136 Resp: 143128

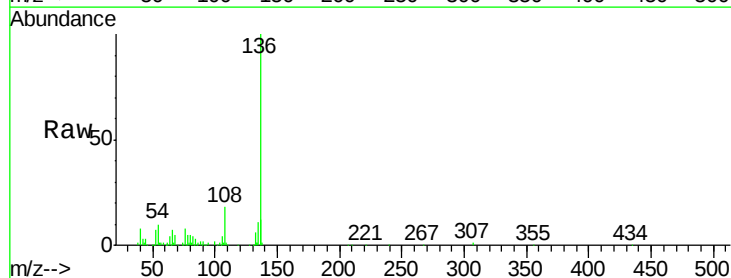
Ion Ratio Lower Upper

136 100

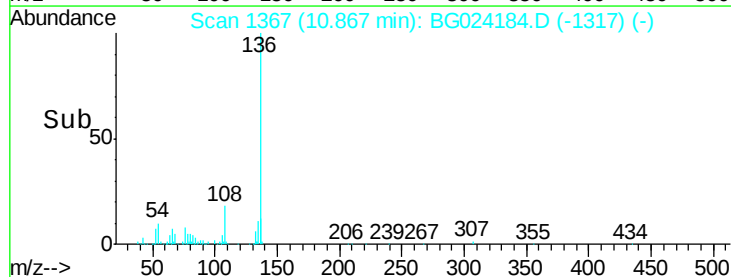
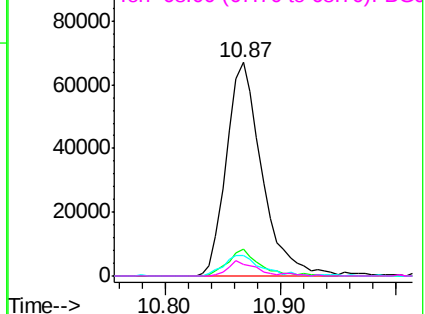
137 12.5 9.6 14.4

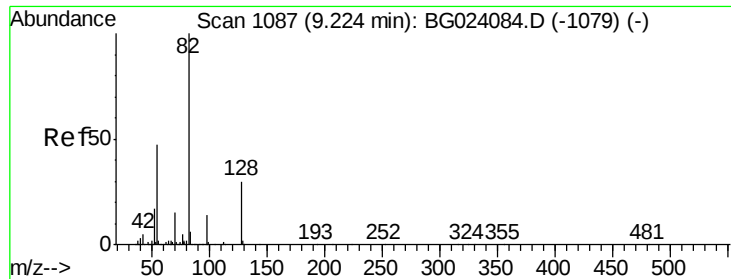
54 9.5 7.3 10.9

68 5.3 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

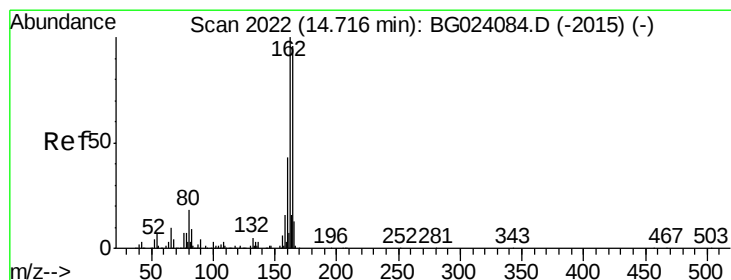
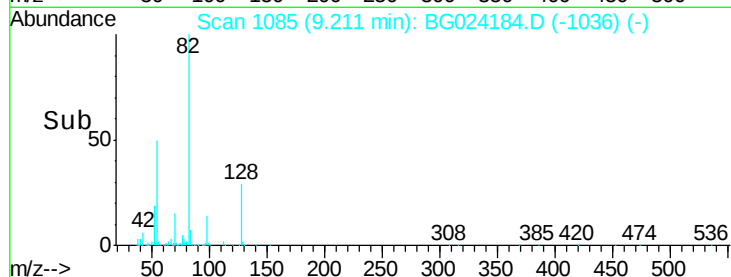
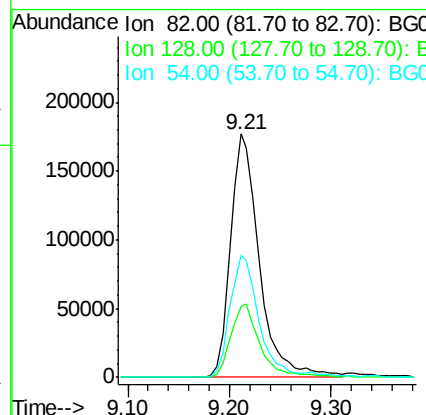
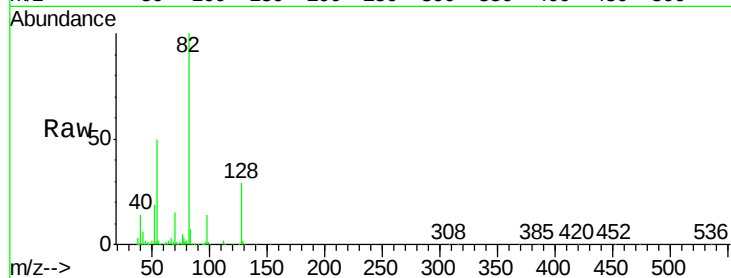




#23
 Nitrobenzene-d5
 Concen: 95.82 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024184.D
 Acq: 1 Oct 2016 7:02

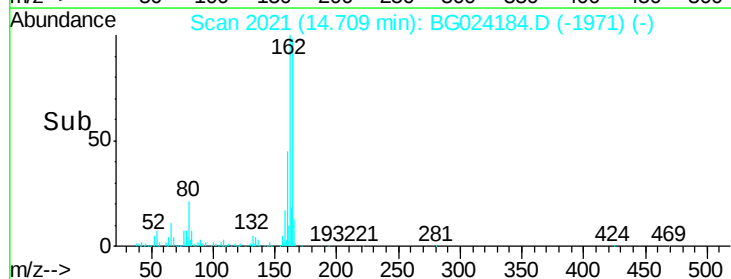
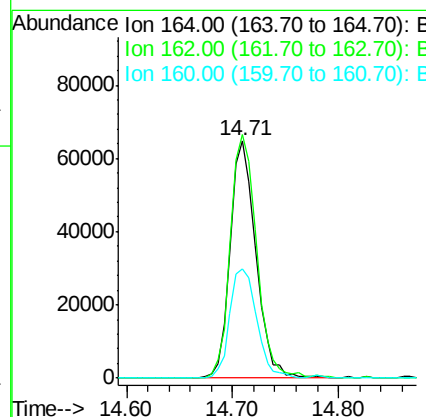
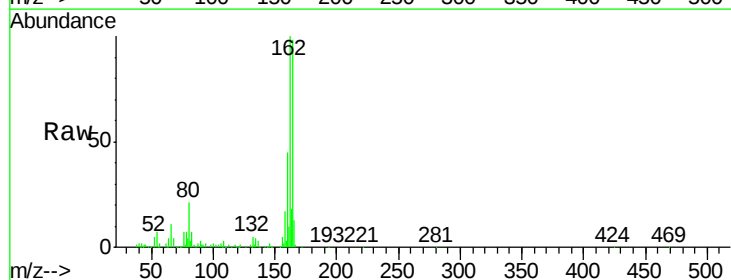
Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-B-2-09272016

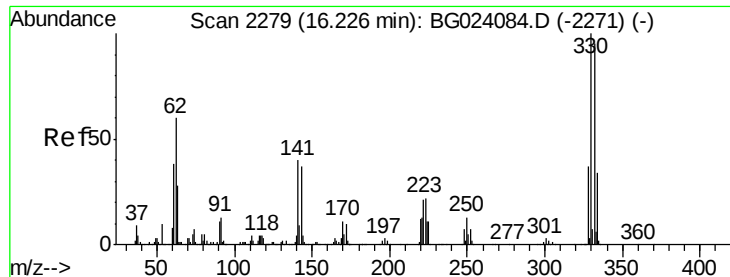
Tot Ion	82	Resp	347981
Ion Ratio	Lower	Upper	
82	100		
128	29.3	24.4	36.6
54	50.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BG024184.D
 Acq: 1 Oct 2016 7:02

Tgt Ion	164	Resp	108767
Ion Ratio	Lower	Upper	
164	100		
162	102.5	87.7	131.5
160	45.9	37.2	55.8

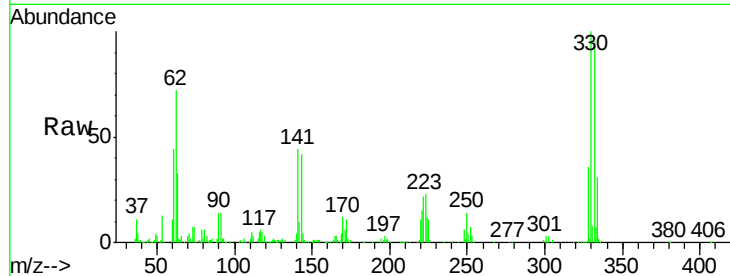




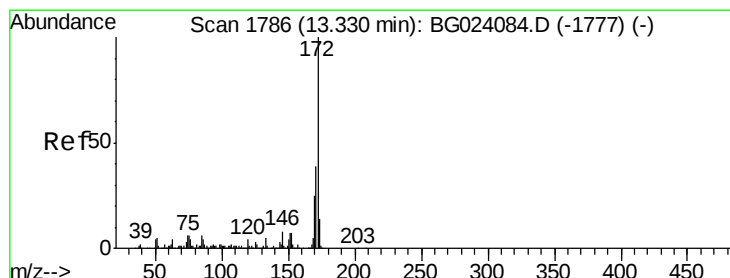
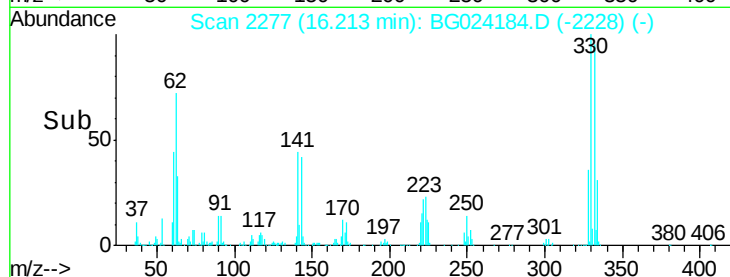
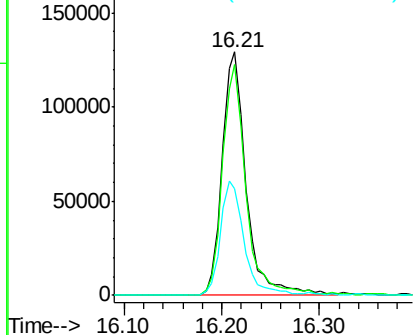
#41
 2,4,6-Tribromophenol
 Concen: 141.40 ng
 RT: 16.21 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024184.D
 Acq: 1 Oct 2016 7:02

Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-B-2-09272016

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.4	116.2
141	46.2	31.7	47.5

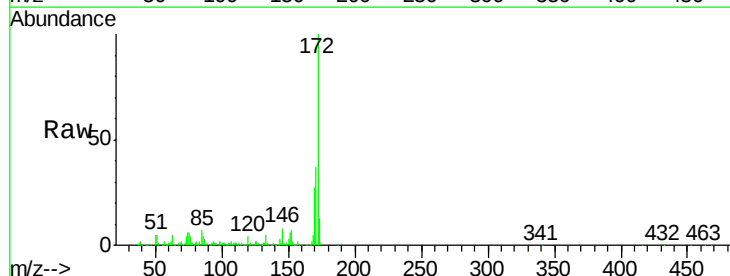


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

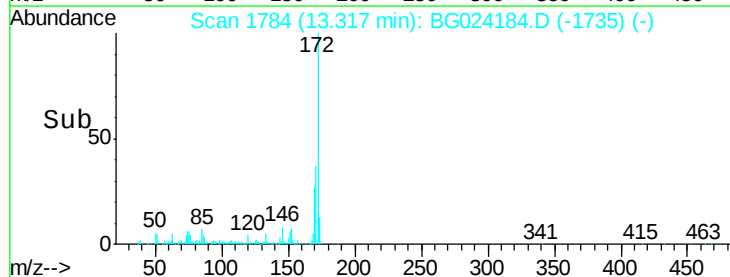
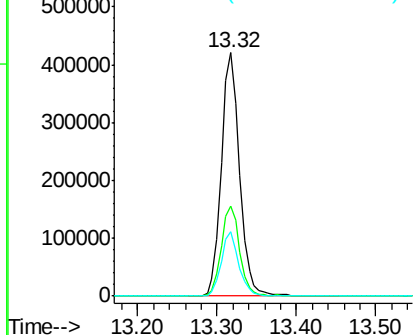


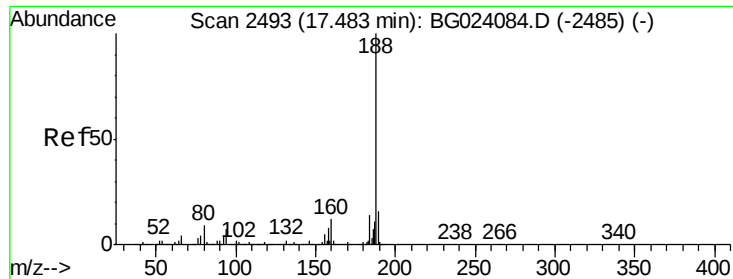
#44
 2-Fluorobiphenyl
 Concen: 103.94 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024184.D
 Acq: 1 Oct 2016 7:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.6	47.4
170	26.7	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

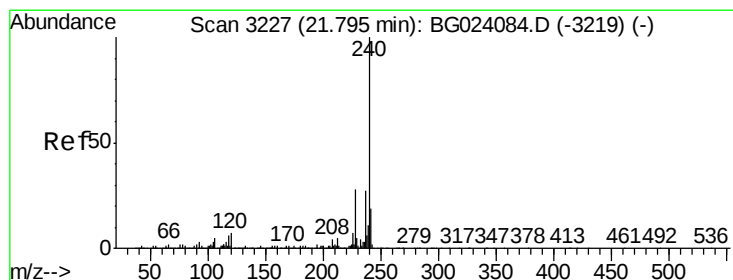
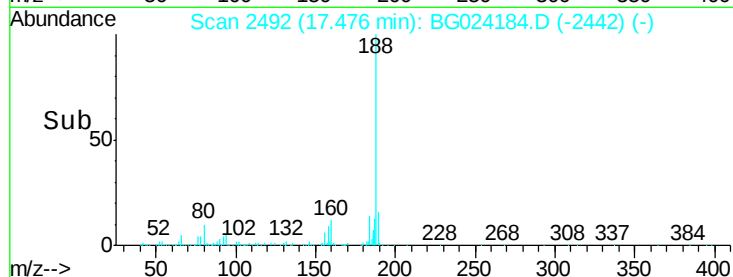
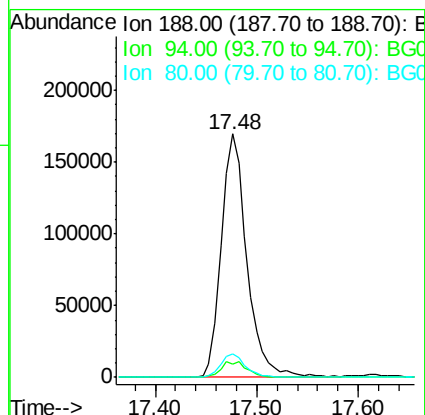
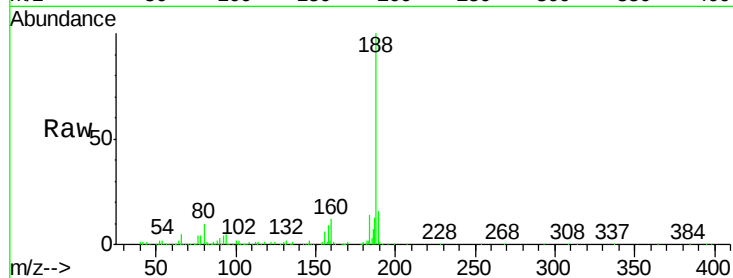




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

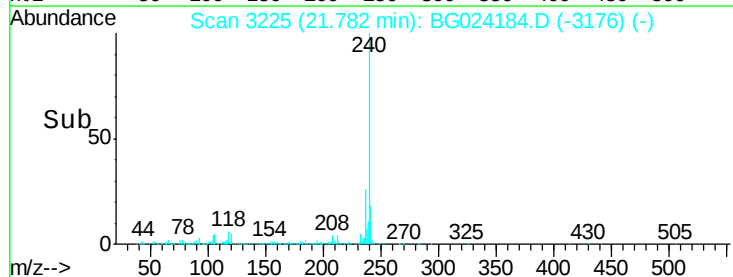
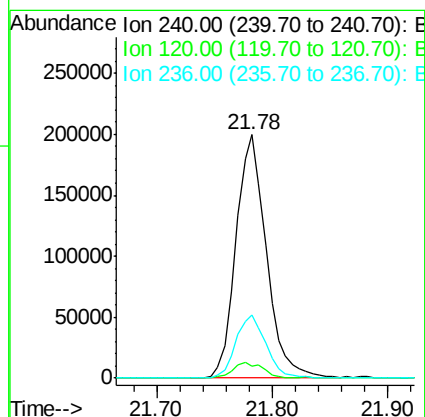
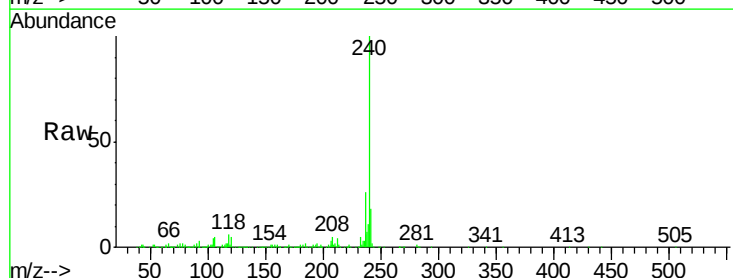
Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

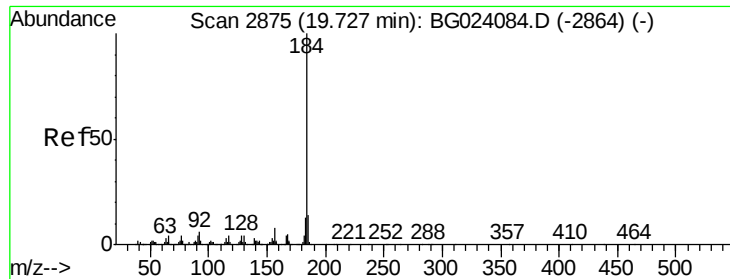
Tot Ion:188 Resp: 296631
Ion Ratio Lower Upper
188 100
94 5.5 5.2 7.8
80 9.8 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion:240 Resp: 364353
Ion Ratio Lower Upper
240 100
120 5.0 4.1 6.1
236 26.2 21.1 31.7





#76

Benzidine

Concen: 15.27 ng

RT: 19.72 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG024184.D

Acq: 1 Oct 2016 7:02

Instrument :

BNA_G

ClientSampleId :

WC-AREA-B-2-09272016

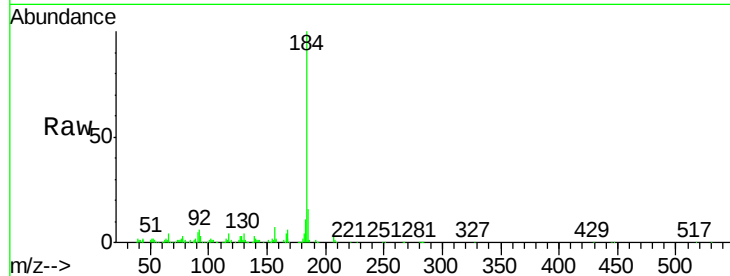
Tot Ion:184 Resp: 157529

Ion Ratio Lower Upper

184 100

185 16.4 12.6 19.0

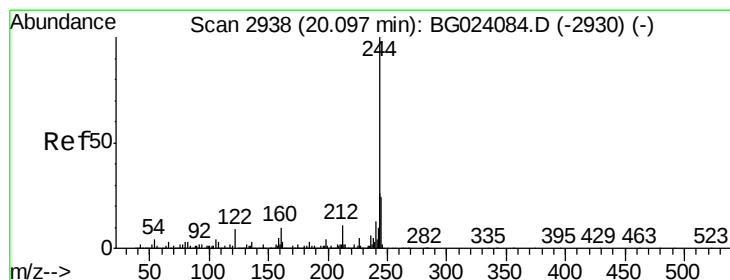
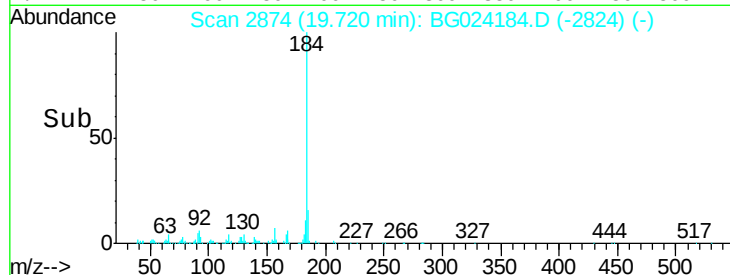
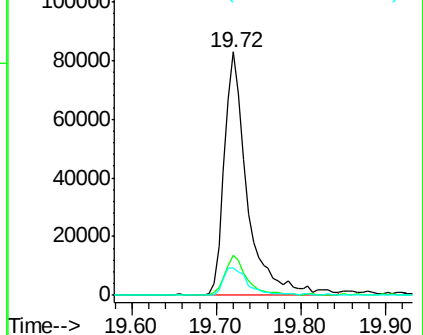
183 11.4 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 83.37 ng

RT: 20.08 min Scan# 2936

Delta R.T. -0.01 min

Lab File: BG024184.D

Acq: 1 Oct 2016 7:02

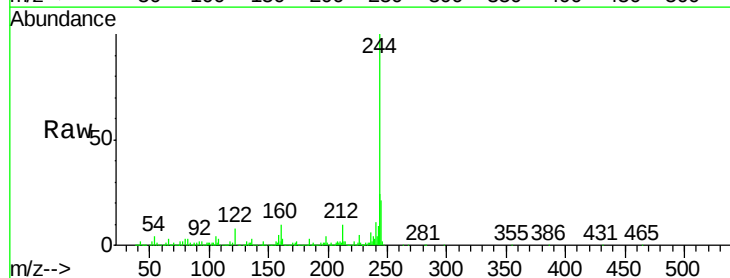
Tgt Ion:244 Resp: 1483479

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

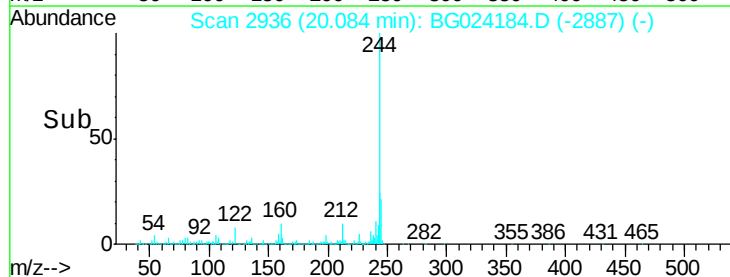
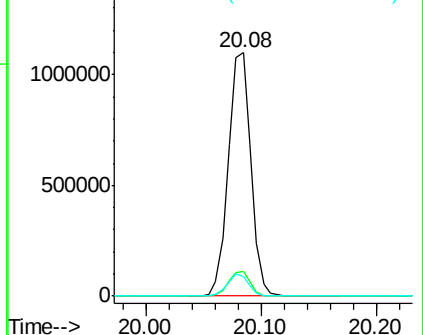
122 7.9 8.0 12.0#

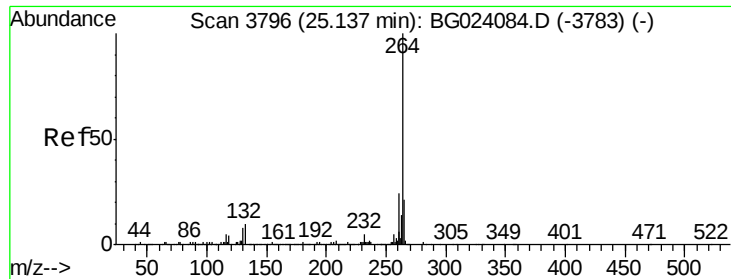


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.11 min Scan# 3792
Delta R.T. -0.02 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	19.1	18.9	28.3

