

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020876.D
 Acq On : 12 Feb 2016 3:56
 Operator : SJ/UM
 Sample : H1420-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-47

Quant Time: Feb 12 05:41:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

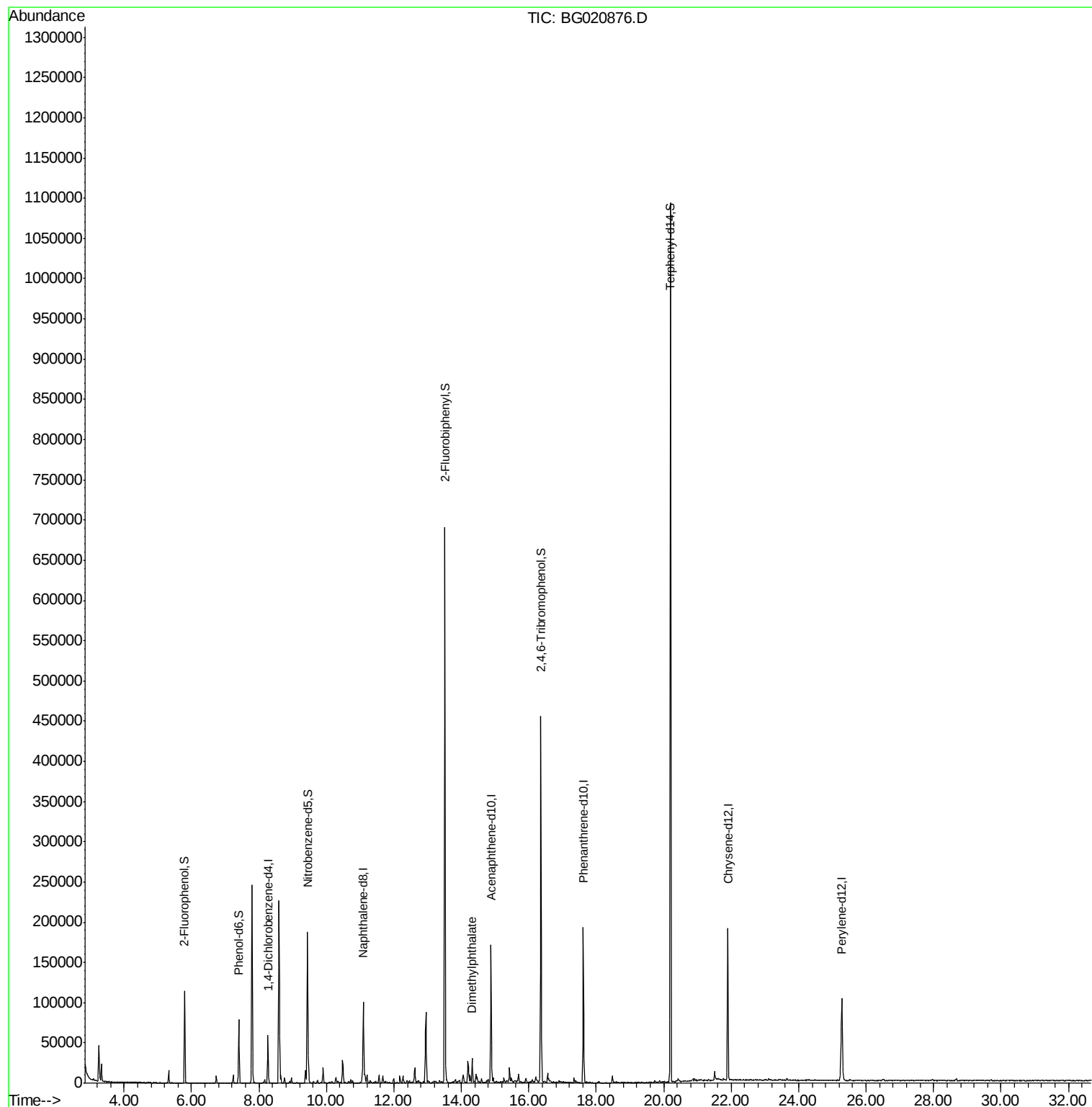
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18817	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	98151	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	57455	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	114936	20.00	ng	0.00
75) Chrysene-d12	21.90	240	109779	20.00	ng	0.00
86) Perylene-d12	25.28	264	103766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	65477	58.60	ng	0.00
7) Phenol-d6	7.40	99	59482	36.42	ng	0.00
23) Nitrobenzene-d5	9.43	82	127378	85.33	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	84188	149.00	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	369407	90.32	ng	0.00
78) Terphenyl-d14	20.20	244	462721	98.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	23267	5.18	ng	Qvalue 99

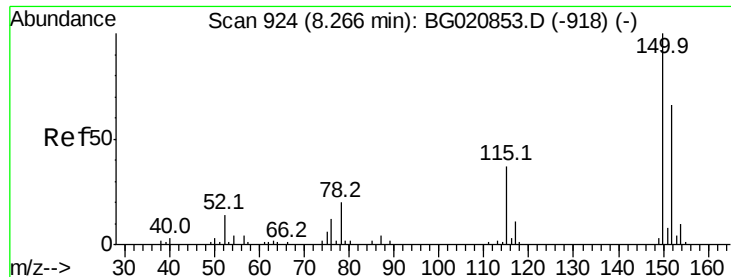
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
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QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

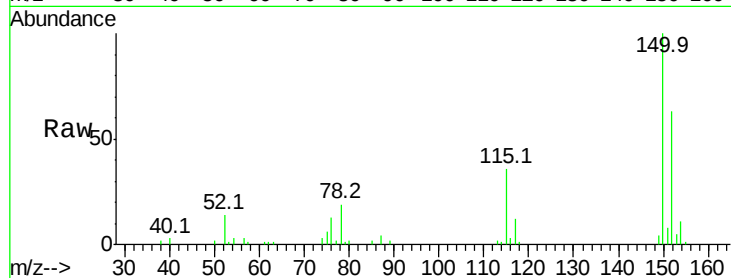
Tot Ion:152 Resp: 18817

Ion Ratio Lower Upper

152 100

150 159.3 122.0 183.0

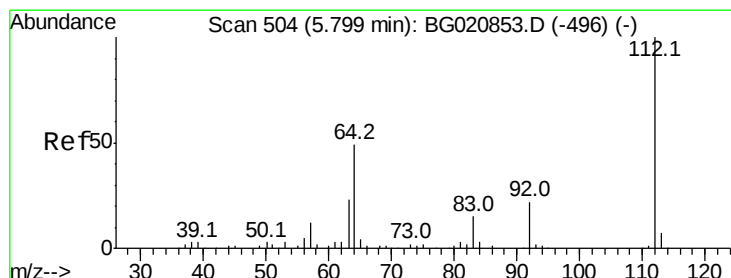
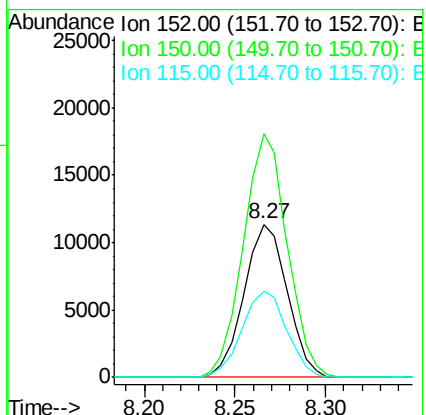
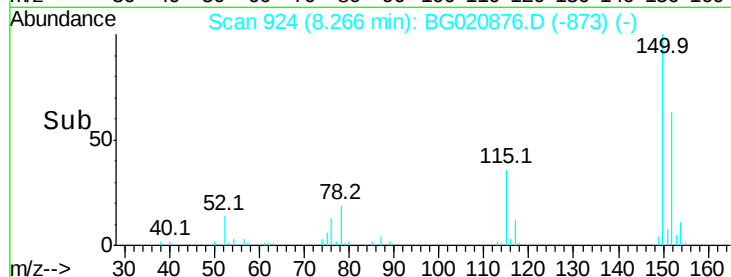
115 56.6 45.2 67.8



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: 58.60 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

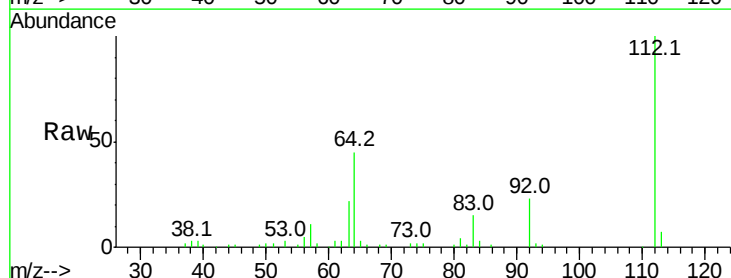
Tgt Ion:112 Resp: 65477

Ion Ratio Lower Upper

112 100

64 45.0 39.3 58.9

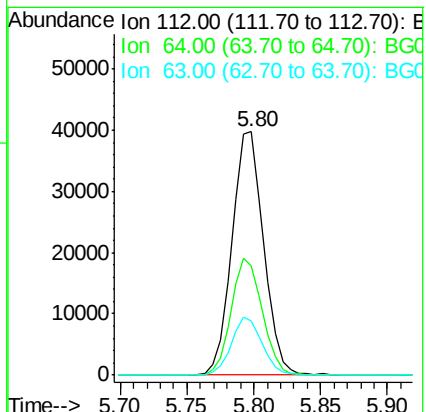
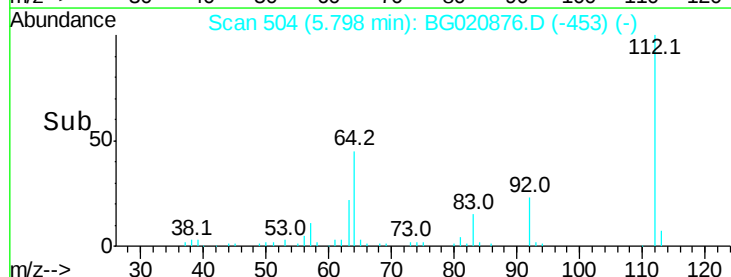
63 22.4 18.2 27.4

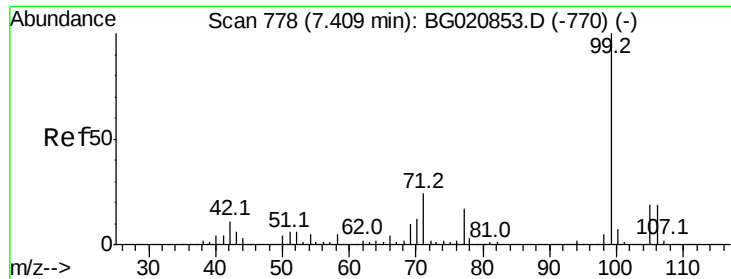


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.42 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

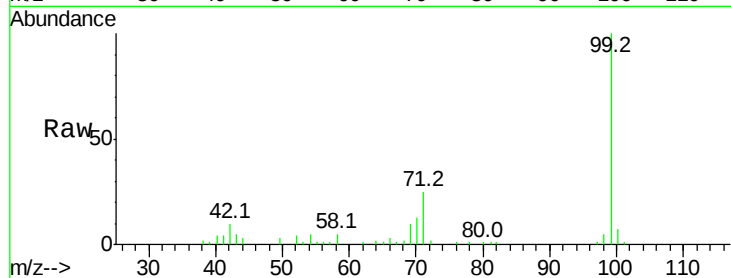
Tot Ion: 99 Resp: 59482

Ion Ratio Lower Upper

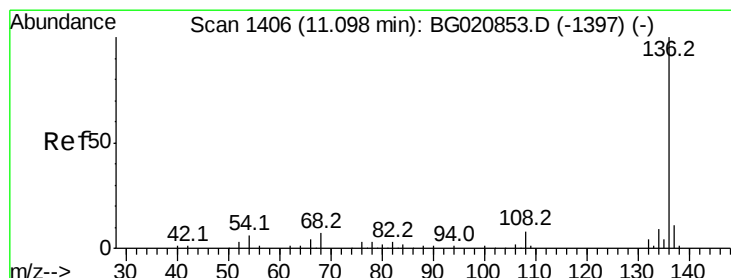
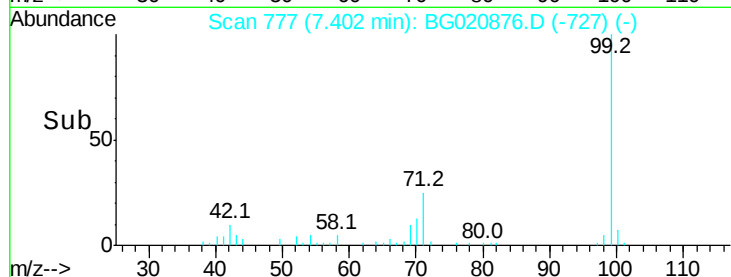
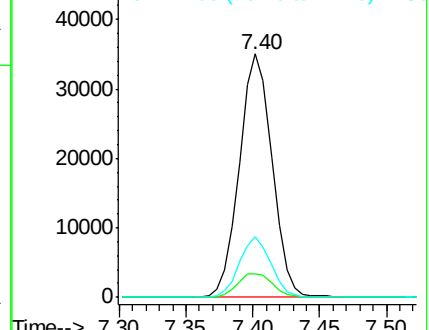
99 100

42 9.8 8.4 12.6

71 24.8 19.4 29.0



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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Tgt Ion: 136 Resp: 98151

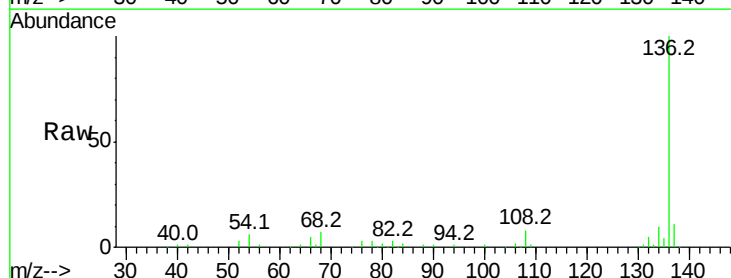
Ion Ratio Lower Upper

136 100

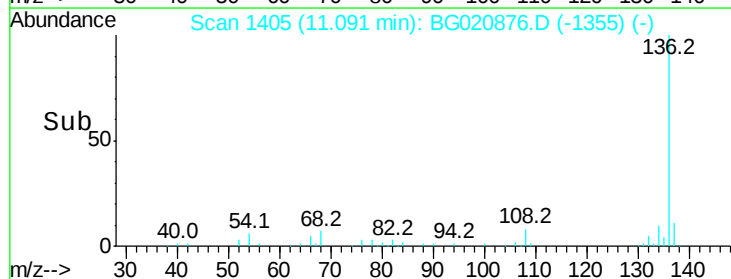
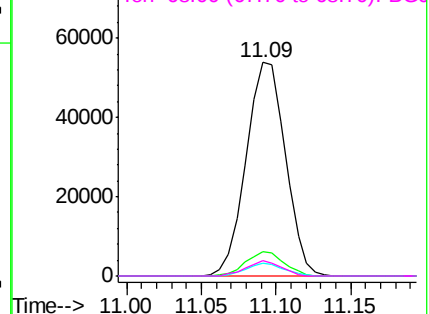
137 11.2 8.8 13.2

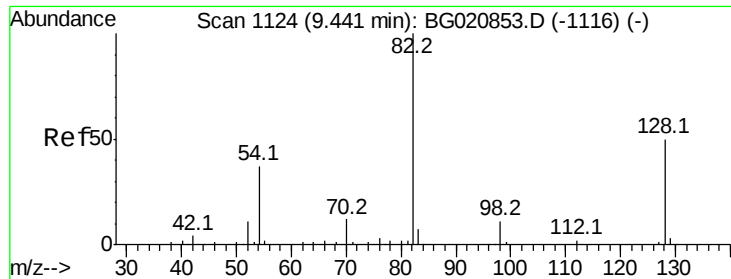
54 6.2 5.0 7.4

68 7.0 5.2 7.8



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

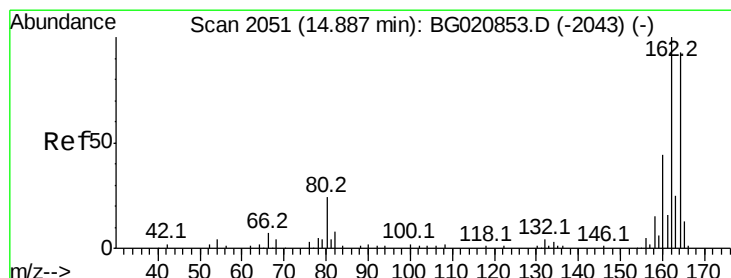
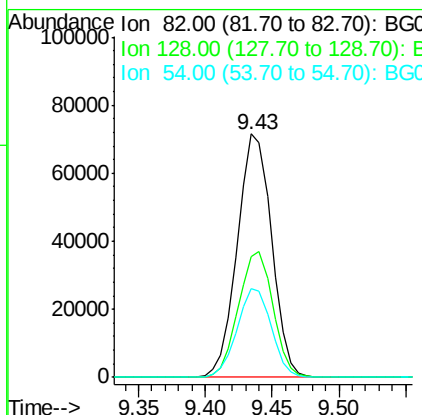
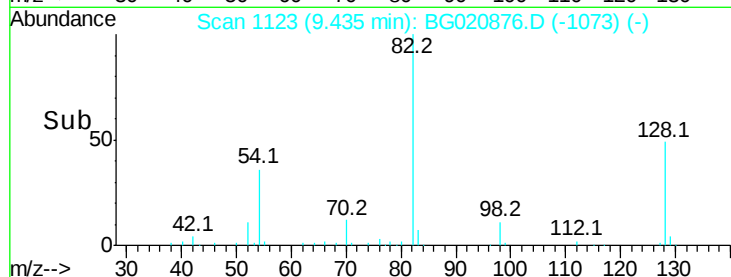
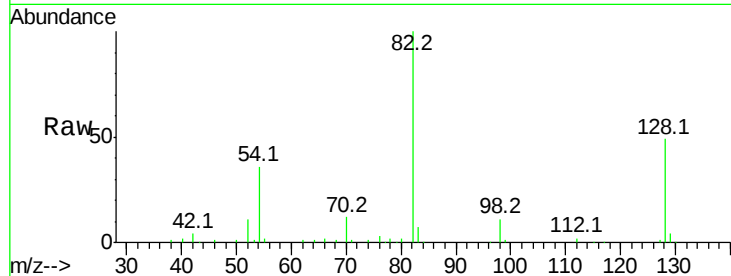




#23
 Nitrobenzene-d5
 Concen: 85.33 ng
 RT: 9.43 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

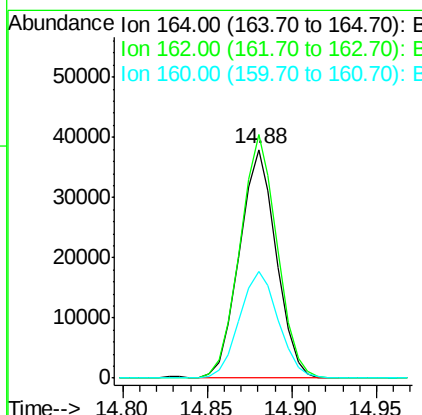
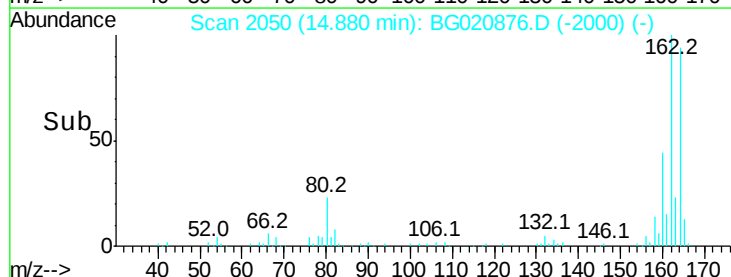
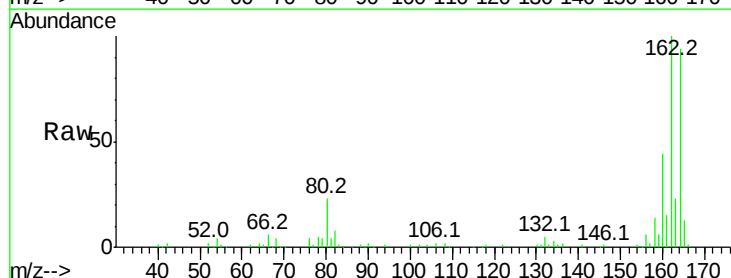
Instrument :
 BNA_G
 ClientSampleId :
 HW-47

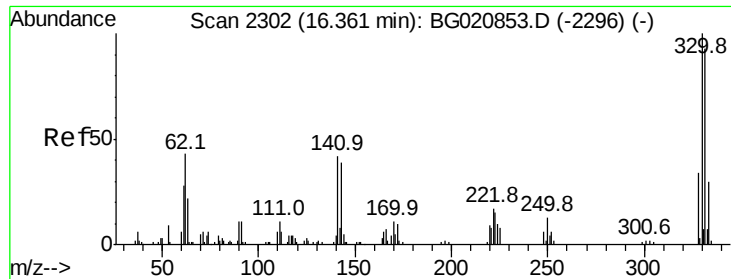
Tot Ion:	82	Resp:	127378
Ion Ratio	Lower	Upper	
82	100		
128	49.4	40.1	60.1
54	36.5	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Tgt Ion:	164	Resp:	57455
Ion Ratio	Lower	Upper	
164	100		
162	106.4	85.7	128.5
160	46.8	37.4	56.0

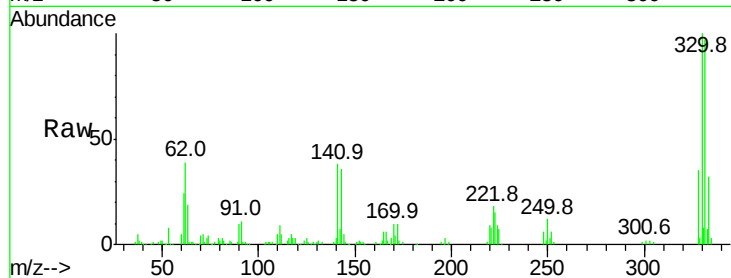




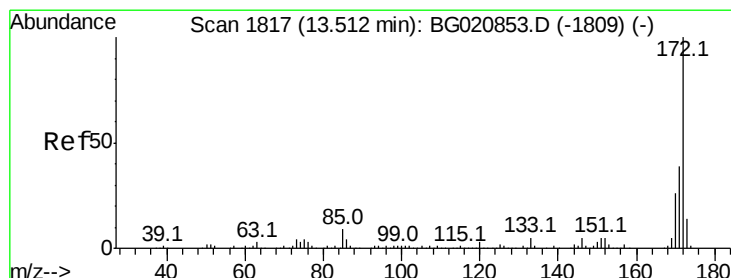
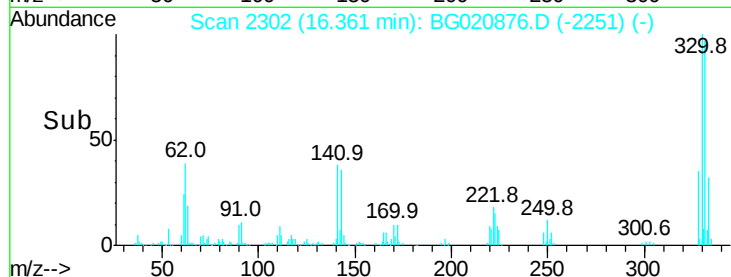
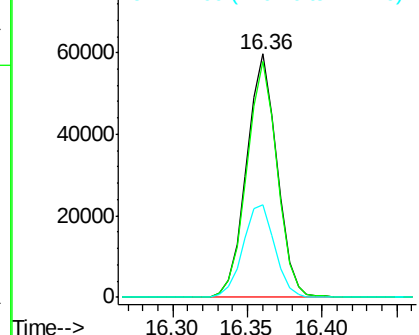
#41
 2,4,6-Tribromophenol
 Concen: 149.00 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Instrument :
 BNA_G
 ClientSampleId :
 HW-47

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	39.8	32.0	48.0

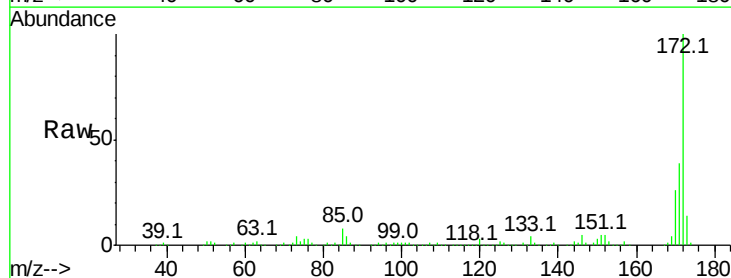


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

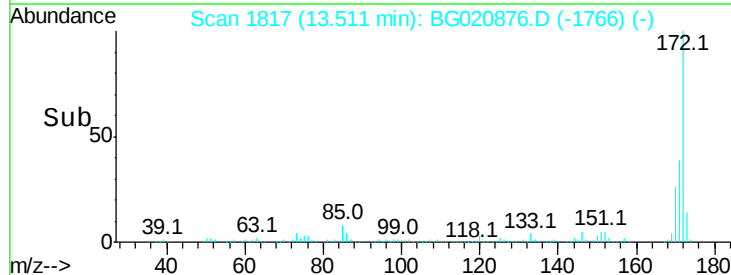
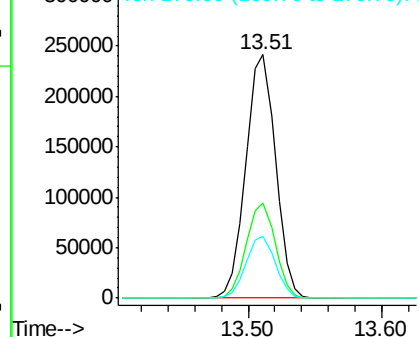


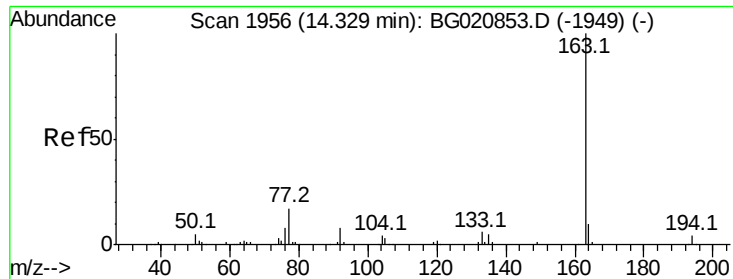
#44
 2-Fluorobiphenyl
 Concen: 90.32 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.2	46.8
170	25.6	20.6	30.8



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: 5.18 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

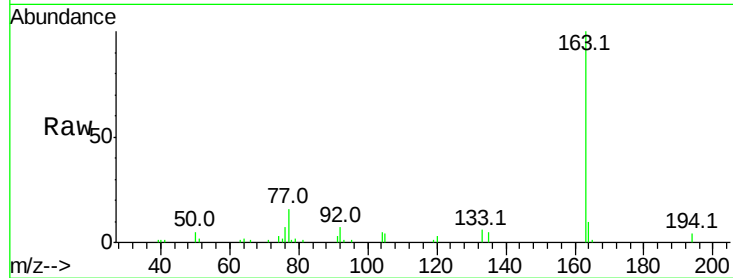
Tot Ion:163 Resp: 23267

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

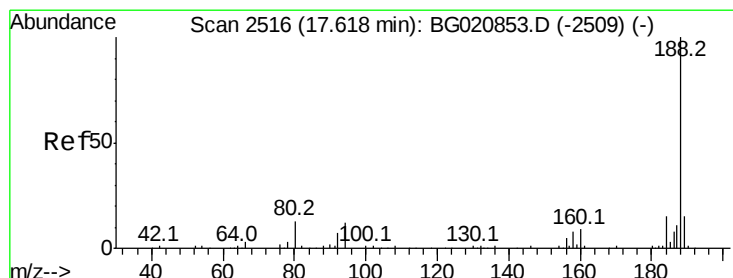
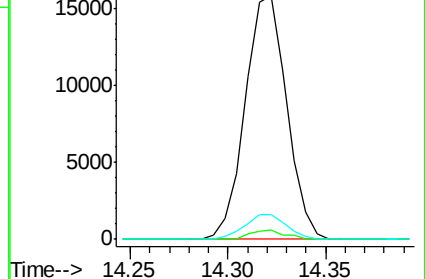
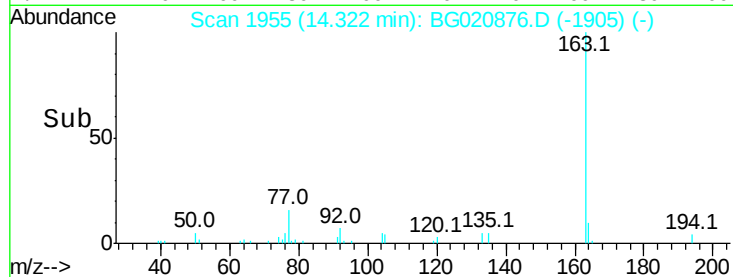
164 9.9 8.3 12.5



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: 17.62 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

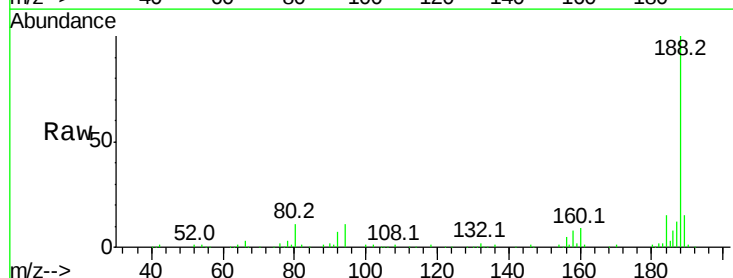
Tgt Ion:188 Resp: 114936

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.0

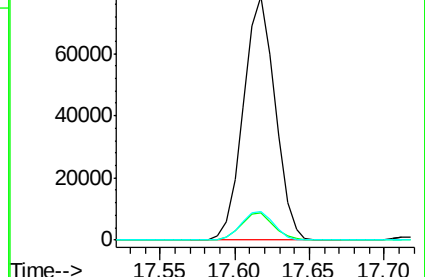
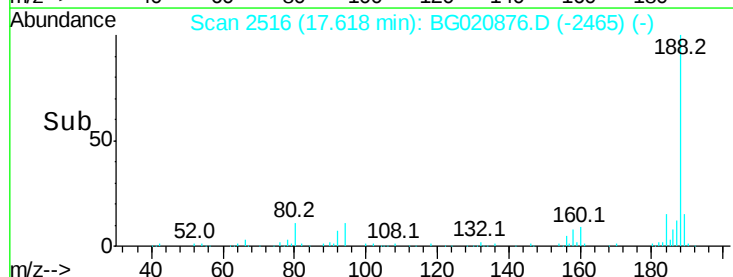
80 11.5 10.2 15.4

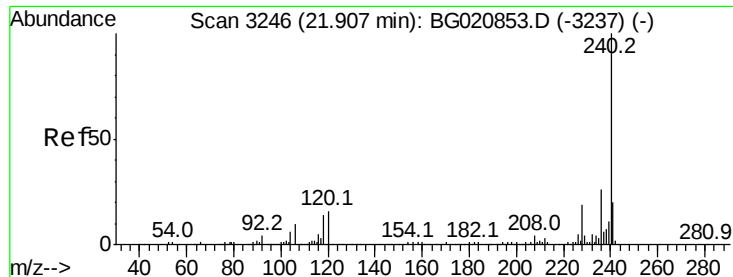


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

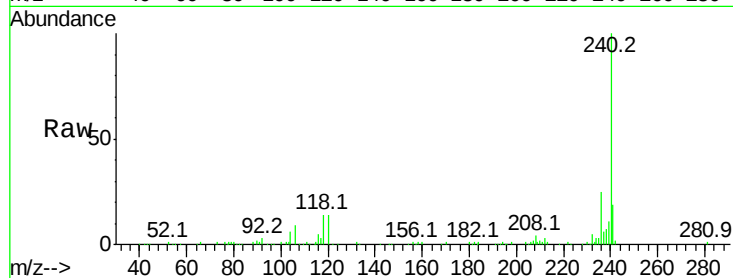
Tot Ion:240 Resp: 109779

Ion Ratio Lower Upper

240 100

120 14.4 13.0 19.4

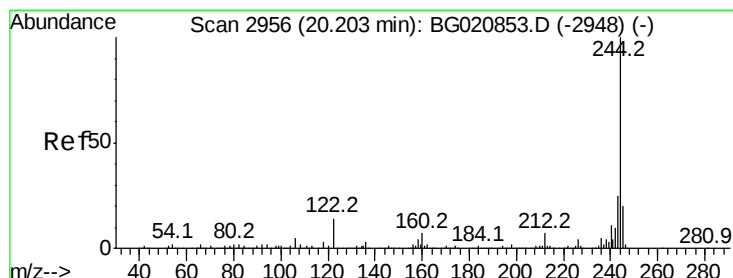
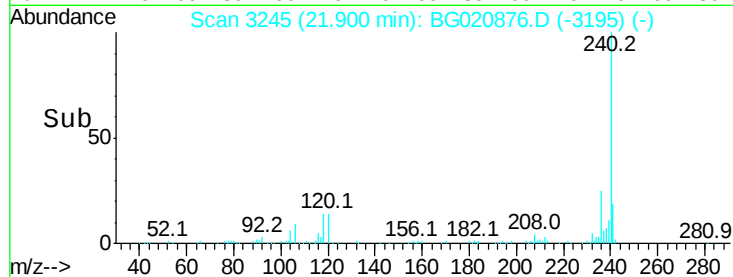
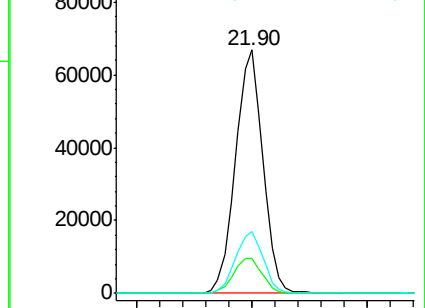
236 25.2 21.0 31.4



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: 98.33 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

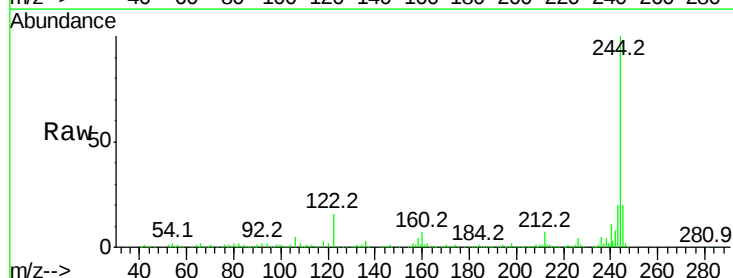
Tgt Ion:244 Resp: 462721

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

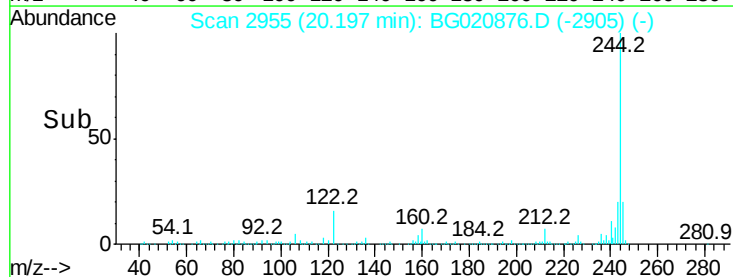
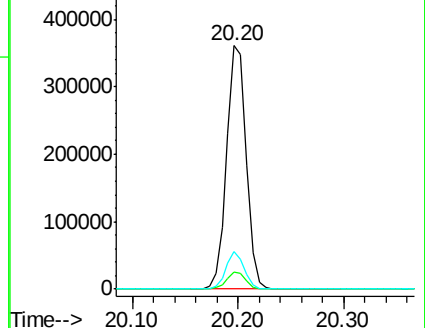
122 15.6 11.4 17.2

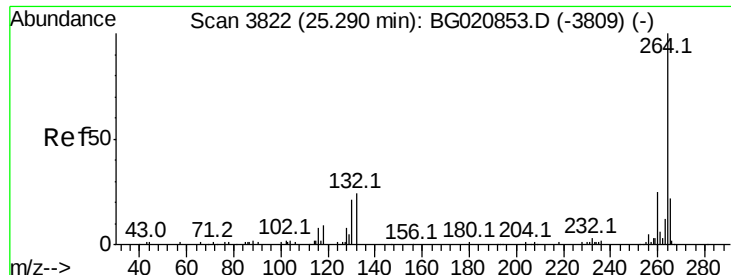


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

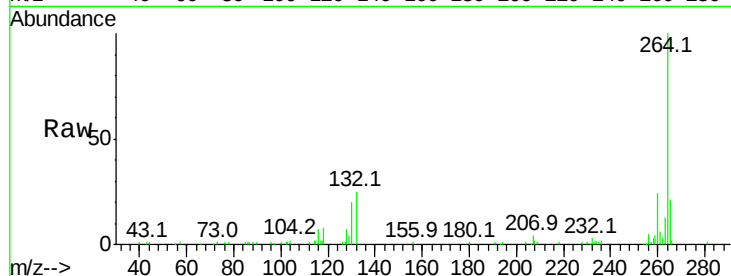




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3821
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Instrument :
 BNA_G
 ClientSampleId :
 HW-47

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.0	18.0	27.0



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

