

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020884.D
 Acq On : 12 Feb 2016 9:09
 Operator : SJ/UM
 Sample : H1408-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-15

Quant Time: Feb 12 09:57:20 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

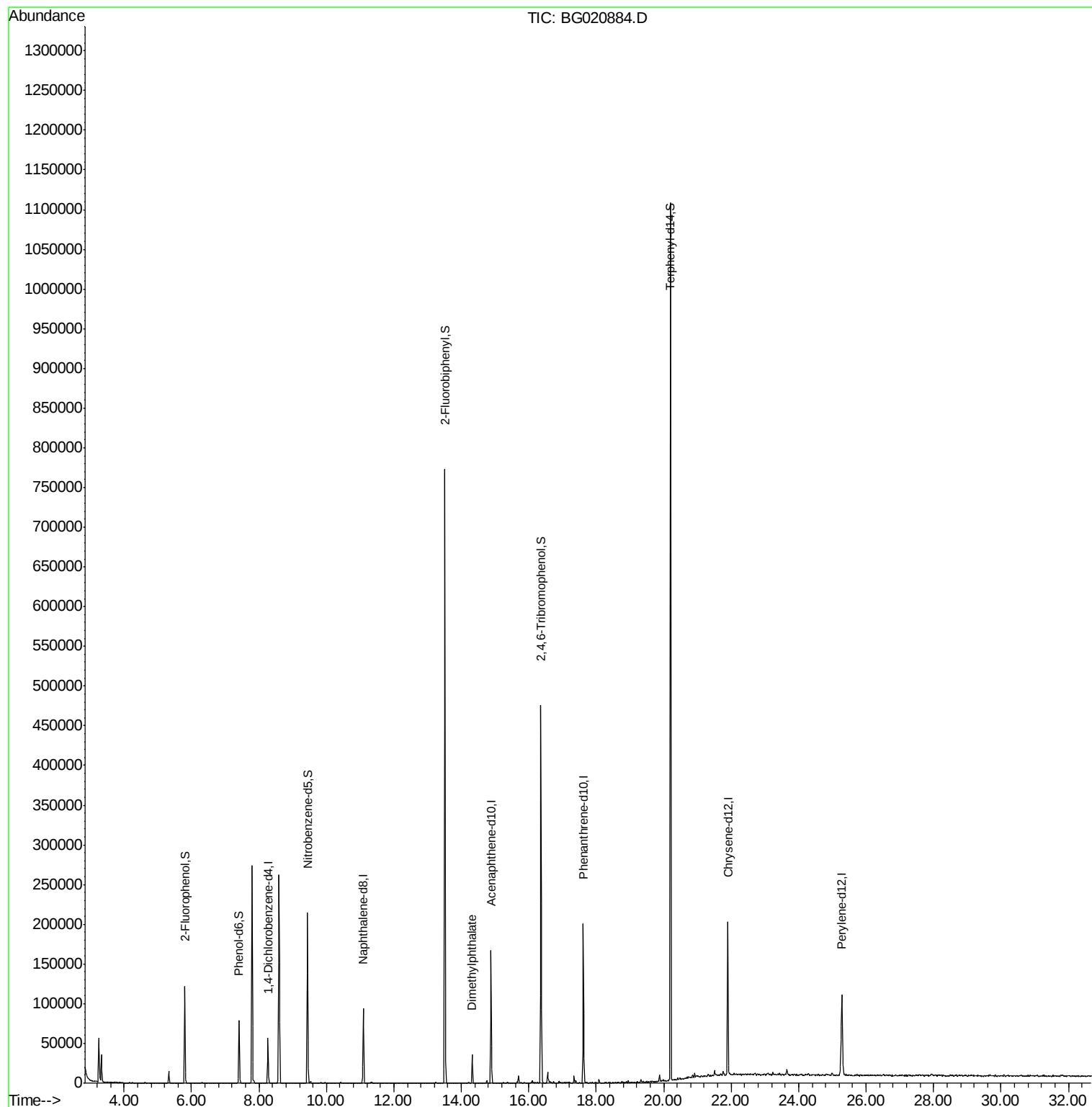
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18368	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	92930	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	57124	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	116785	20.00	ng	0.00
75) Chrysene-d12	21.90	240	109390	20.00	ng	0.00
86) Perylene-d12	25.28	264	103341	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	68100	62.44	ng	0.00
7) Phenol-d6	7.41	99	59050	37.04	ng	0.00
23) Nitrobenzene-d5	9.44	82	140829	99.64	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	90687	161.43	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	404965	99.58	ng	0.00
78) Terphenyl-d14	20.20	244	473892	101.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	26427	5.92	ng	Qvalue 97

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

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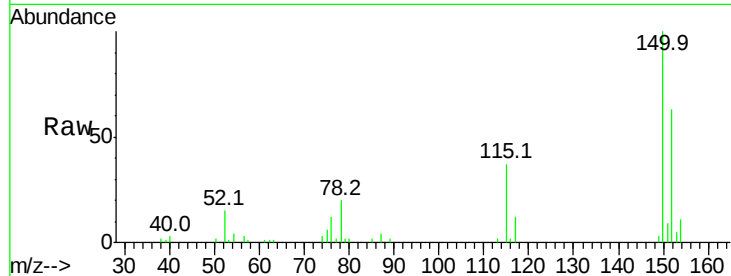


#1

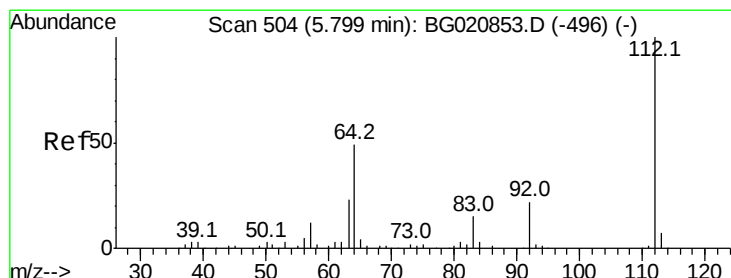
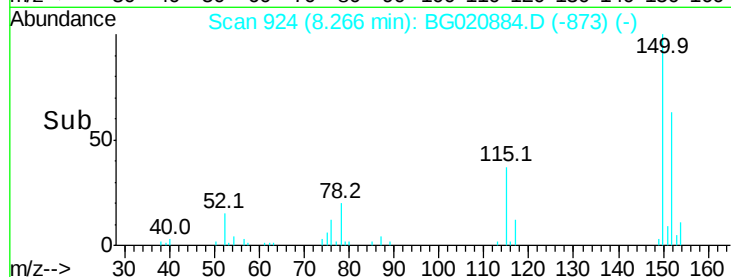
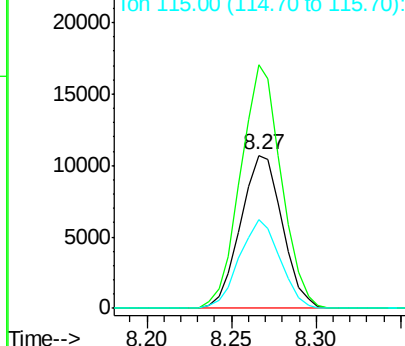
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG020884.D
Acq: 12 Feb 2016 9:09

Instrument :
BNA_G
ClientSampleId :
DBMW-15

Tot Ion:152 Resp: 18368
Ion Ratio Lower Upper
152 100
150 159.3 122.0 183.0
115 58.4 45.2 67.8



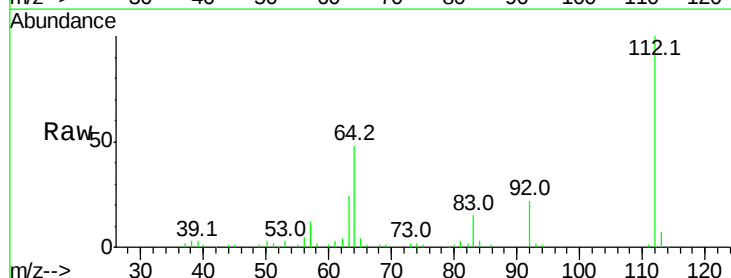
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



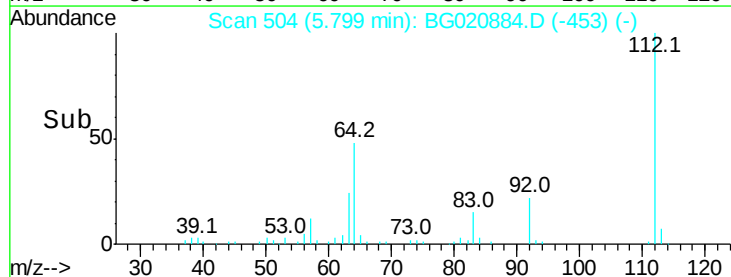
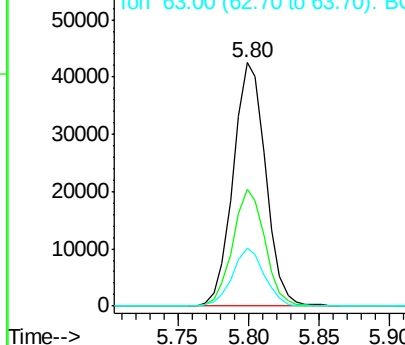
#5

2-Fluorophenol
Concen: 62.44 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020884.D
Acq: 12 Feb 2016 9:09

Tgt Ion:112 Resp: 68100
Ion Ratio Lower Upper
112 100
64 47.8 39.3 58.9
63 23.6 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: 37.04 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020884.D

Acq: 12 Feb 2016 9:09

Instrument :

BNA_G

ClientSampleId :

DBMW-15

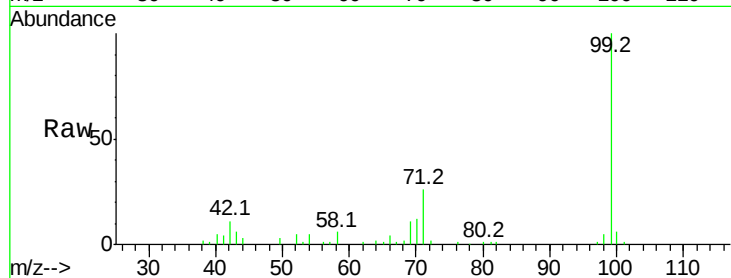
Tot Ion: 99 Resp: 59050

Ion Ratio Lower Upper

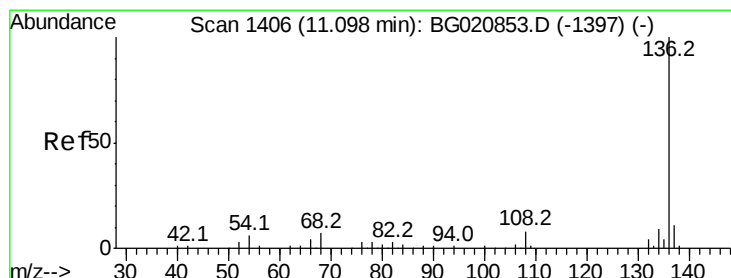
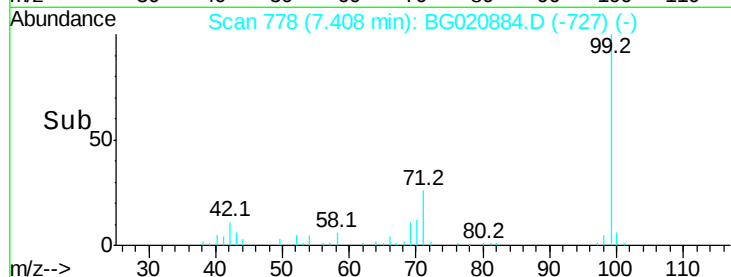
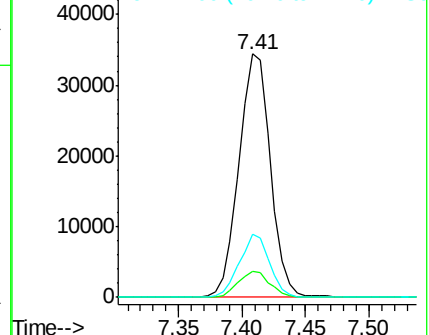
99 100

42 10.9 8.4 12.6

71 25.9 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: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG020884.D

Acq: 12 Feb 2016 9:09

Tgt Ion: 136 Resp: 92930

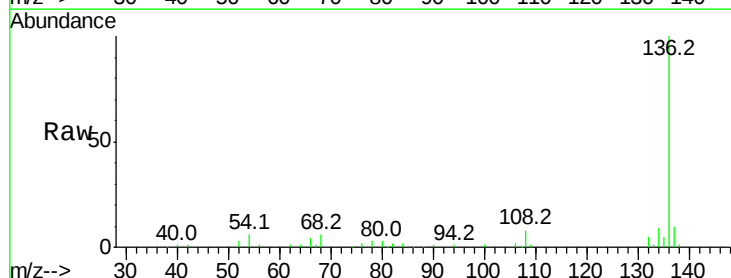
Ion Ratio Lower Upper

136 100

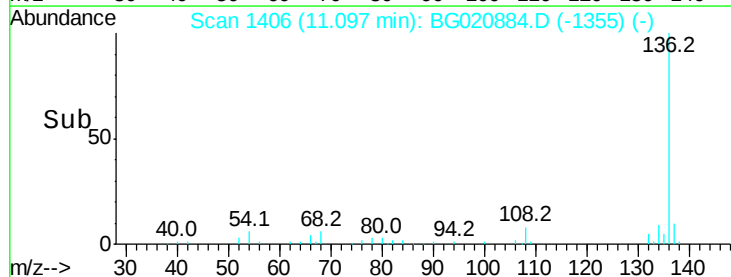
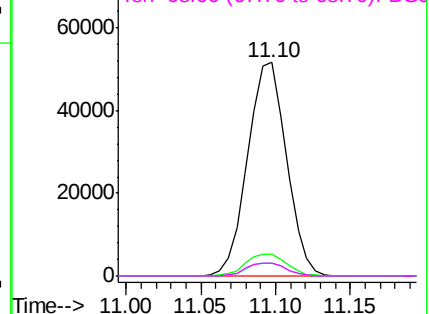
137 10.2 8.8 13.2

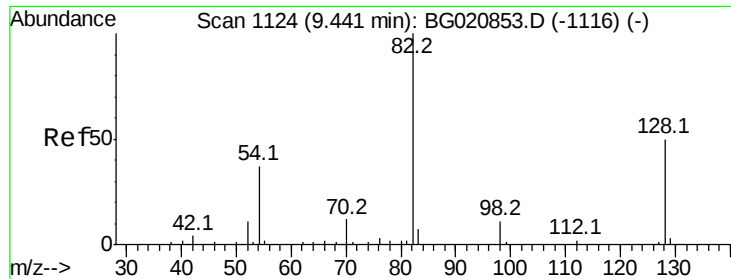
54 6.2 5.0 7.4

68 6.0 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

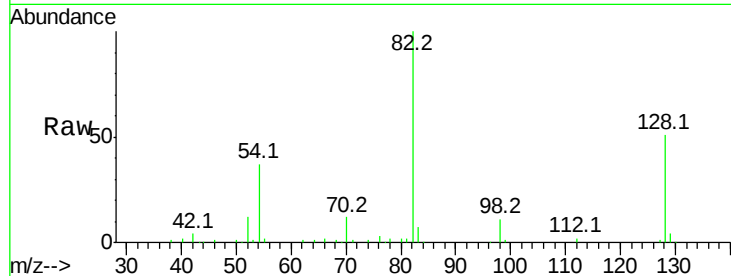




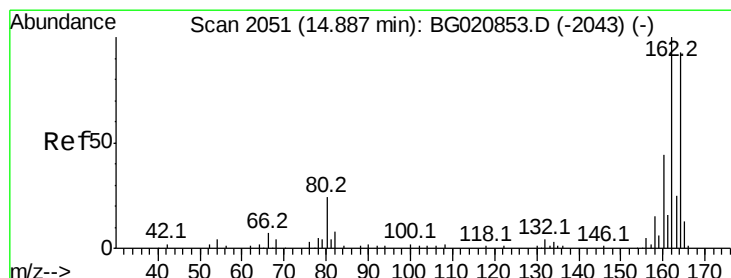
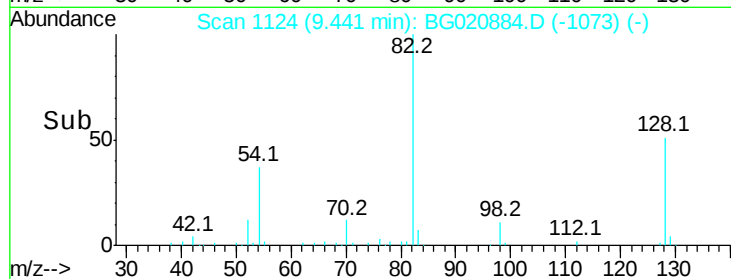
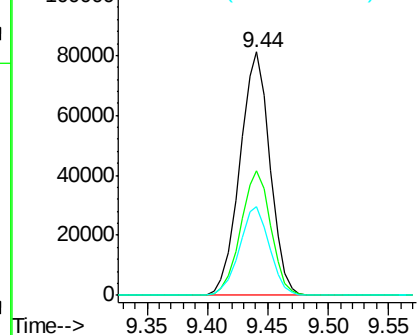
#23
 Nitrobenzene-d5
 Concen: 99.64 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG020884.D
 Acq: 12 Feb 2016 9:09

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-15

Tot Ion	82	Resp	140829
Ion Ratio	Lower	Upper	
82	100		
128	51.3	40.1	60.1
54	36.7	29.5	44.3

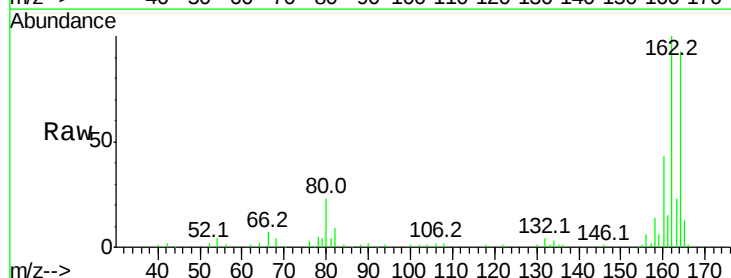


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

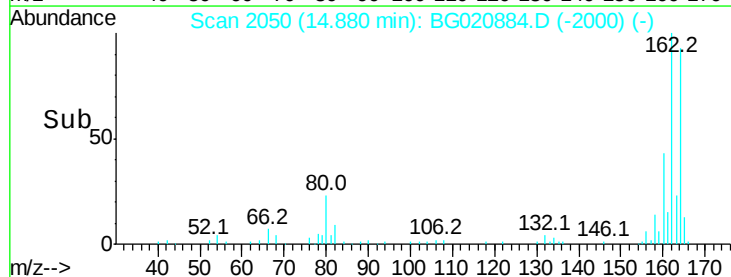
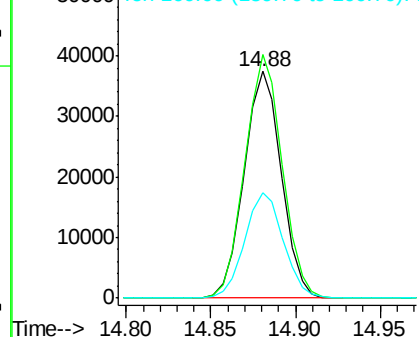


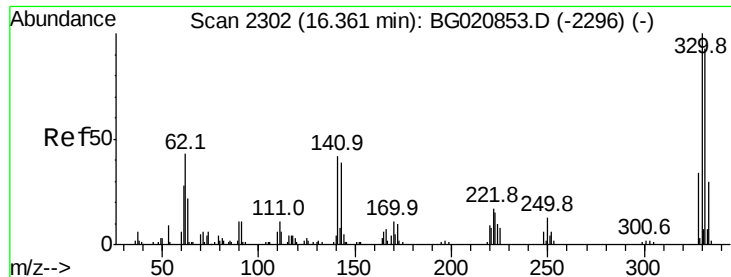
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020884.D
 Acq: 12 Feb 2016 9:09

Tgt Ion	164	Resp	57124
Ion Ratio	Lower	Upper	
164	100		
162	107.6	85.7	128.5
160	46.4	37.4	56.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 161.43 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG020884.D

Acq: 12 Feb 2016 9:09

Instrument :

BNA_G

ClientSampleId :

DBMW-15

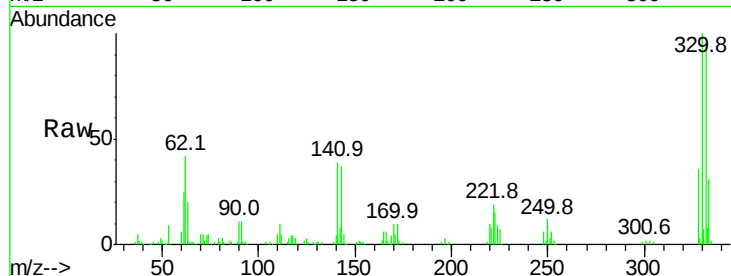
Tot Ion:330 Resp: 90687

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

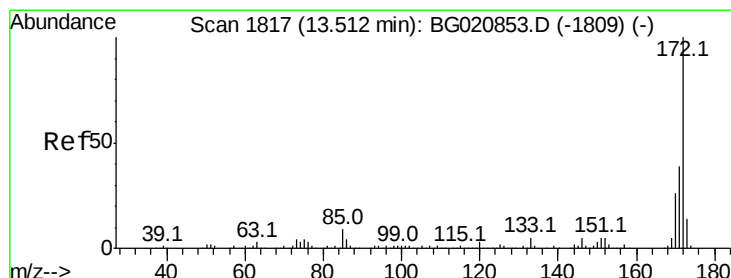
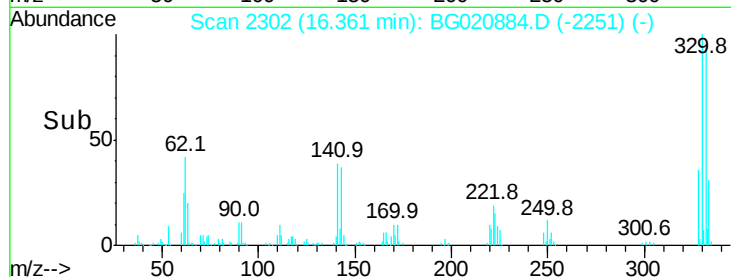
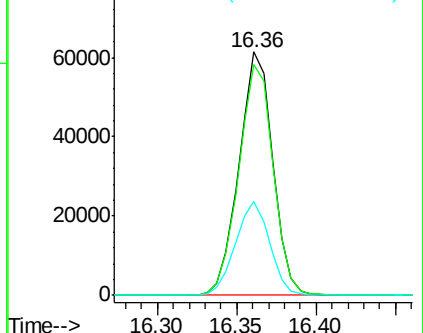
141 38.9 32.0 48.0



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: 99.58 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG020884.D

Acq: 12 Feb 2016 9:09

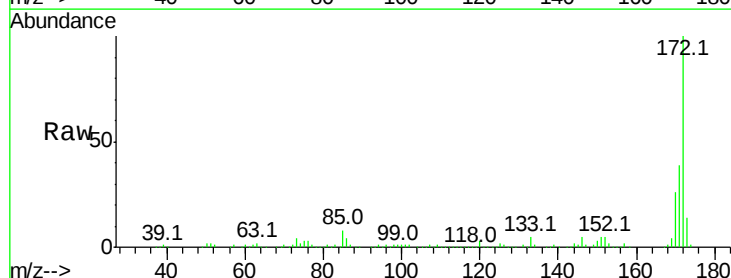
Tgt Ion:172 Resp: 404965

Ion Ratio Lower Upper

172 100

171 38.6 31.2 46.8

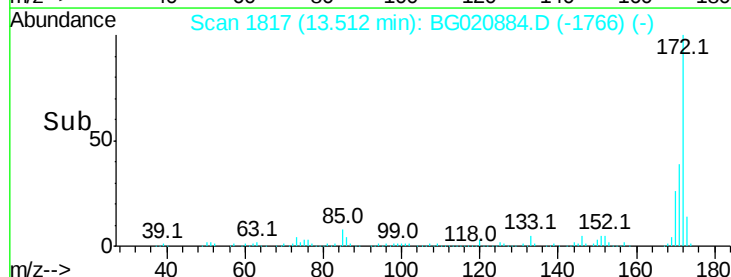
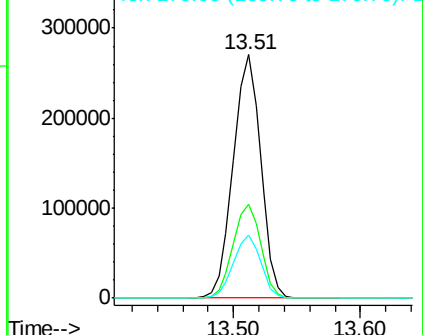
170 26.0 20.6 30.8

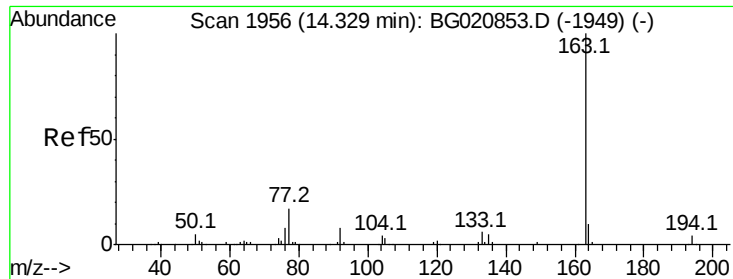


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.92 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020884.D

Acq: 12 Feb 2016 9:09

Instrument :

BNA_G

ClientSampleId :

DBMW-15

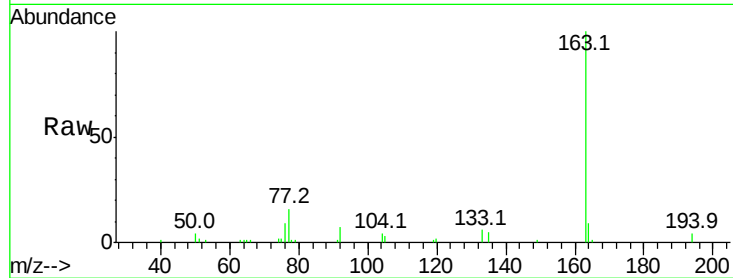
Tot Ion:163 Resp: 26427

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

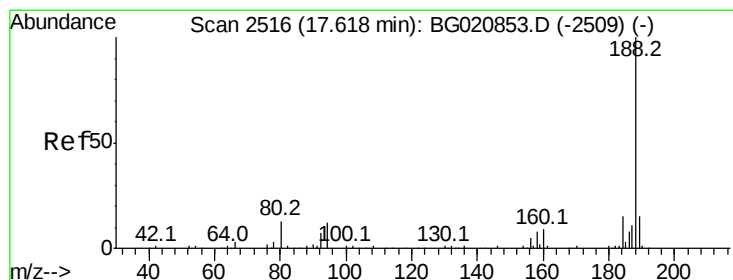
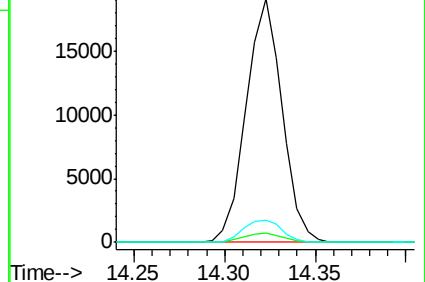
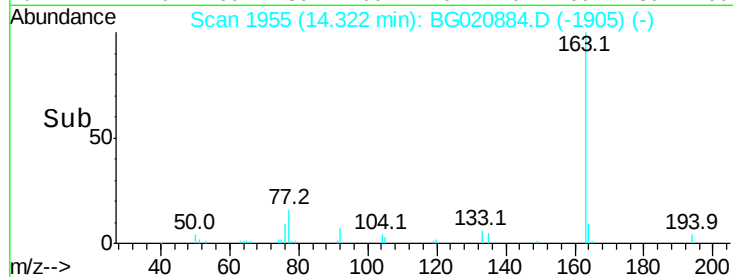
164 9.0 8.3 12.5



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: BG020884.D

Acq: 12 Feb 2016 9:09

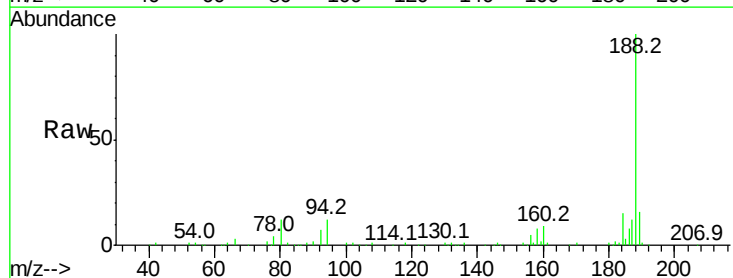
Tgt Ion:188 Resp: 116785

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.0

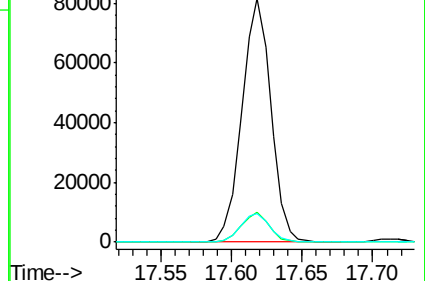
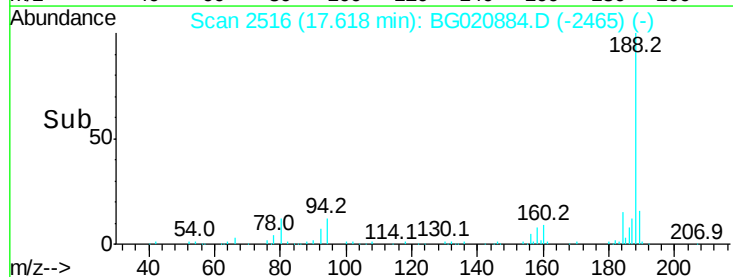
80 11.9 10.2 15.4

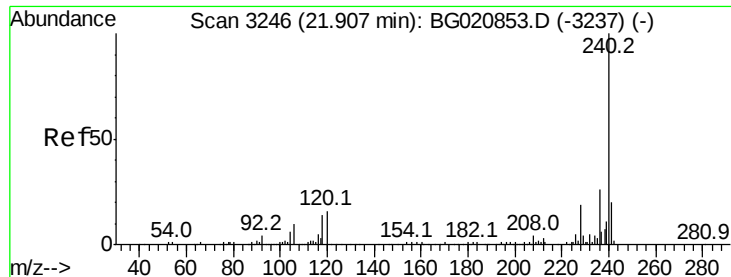


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020884.D

Acq: 12 Feb 2016 9:09

Instrument :

BNA_G

ClientSampleId :

DBMW-15

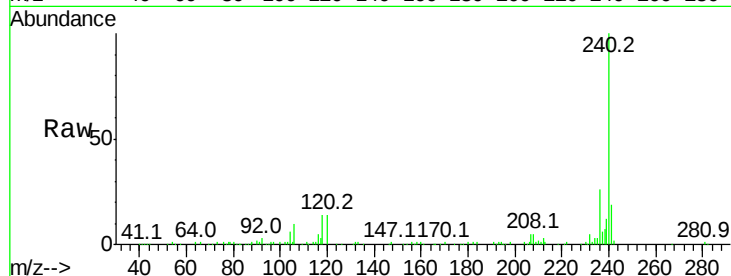
Tot Ion:240 Resp: 109390

Ion Ratio Lower Upper

240 100

120 13.8 13.0 19.4

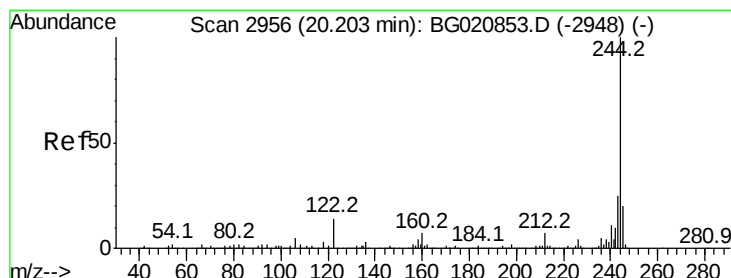
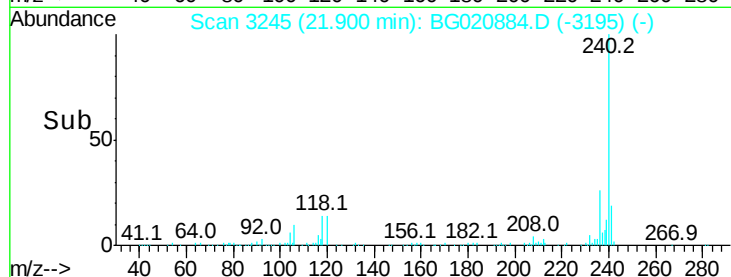
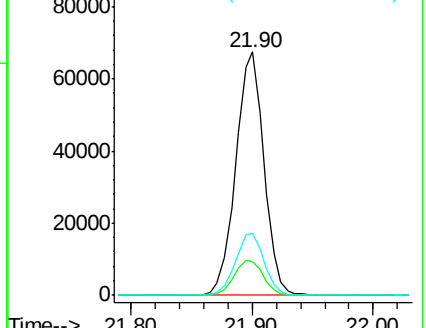
236 25.6 21.0 31.4



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: 101.06 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG020884.D

Acq: 12 Feb 2016 9:09

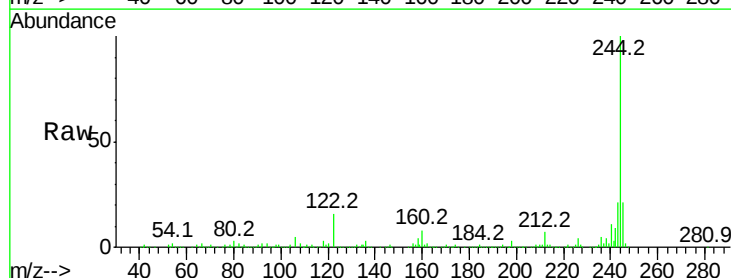
Tgt Ion:244 Resp: 473892

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

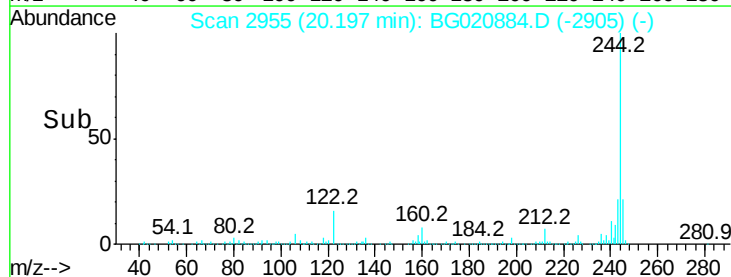
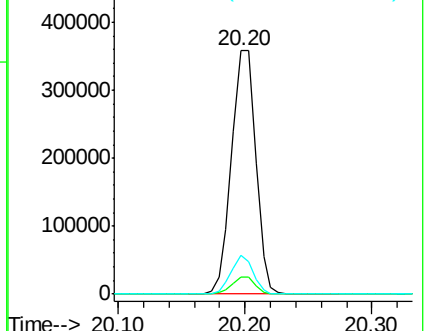
122 15.7 11.4 17.2

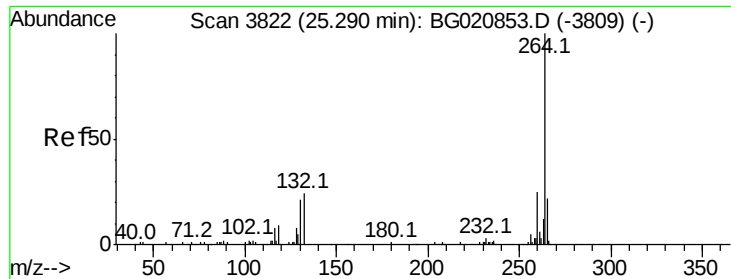


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

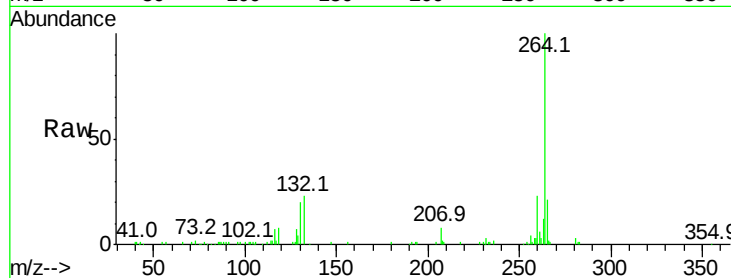




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG020884.D
Acq: 12 Feb 2016 9:09

Instrument :
BNA_G
ClientSampleId :
DBMW-15

Tot Ion:264 Resp: 103341
Ion Ratio Lower Upper
264 100
260 23.4 19.9 29.9
265 21.3 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

