

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020953.D
 Acq On : 19 Feb 2016 2:22
 Operator : SJ/UM
 Sample : H1450-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-42

Quant Time: Feb 19 07:44:09 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

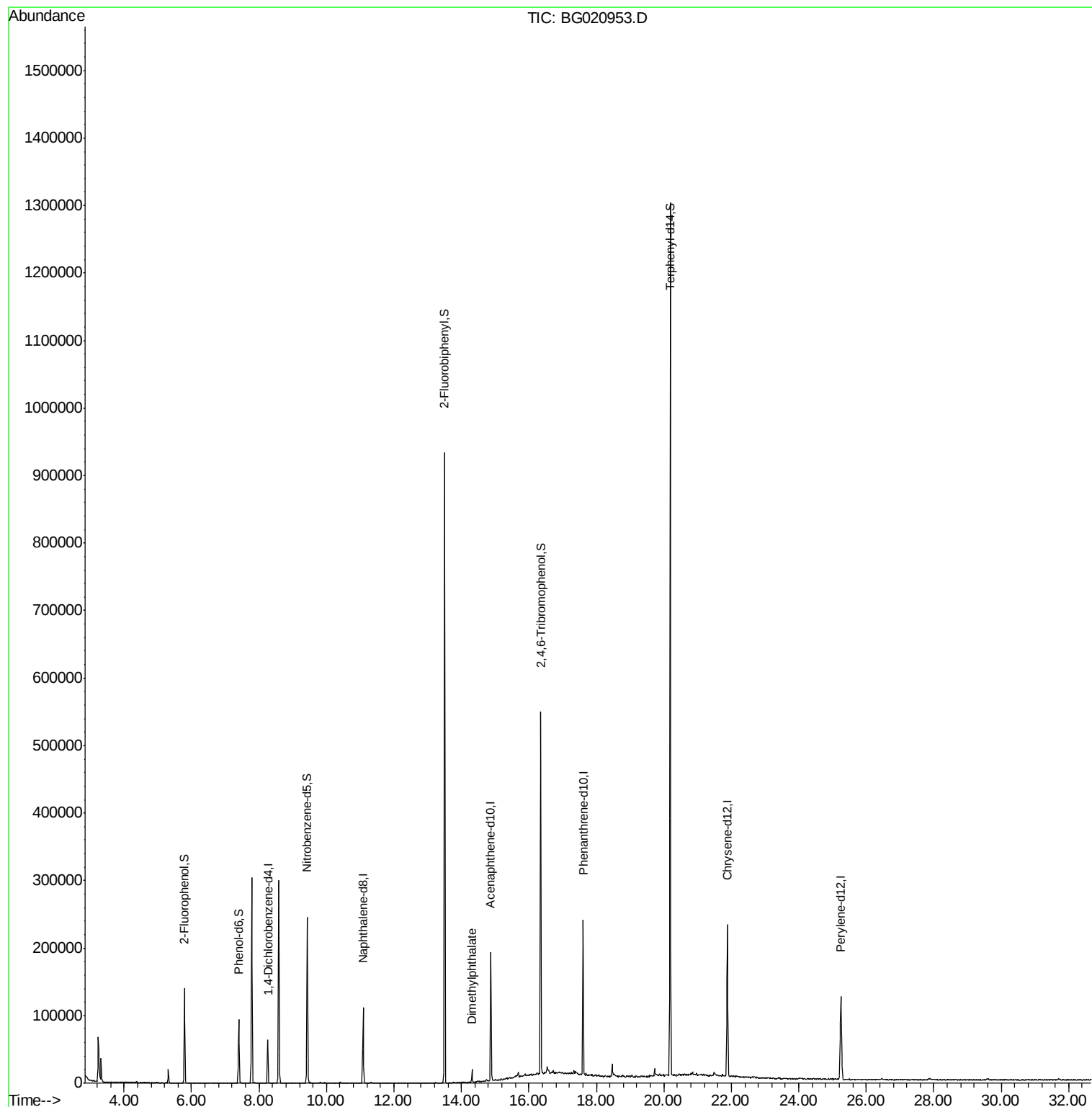
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	20718	20.00	ng	-0.01
21) Naphthalene-d8	11.09	136	108838	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	65931	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	135971	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	126354	20.00	ng	-0.02
86) Perylene-d12	25.25	264	122134	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	81840	66.52	ng	-0.01
7) Phenol-d6	7.40	99	71785	39.92	ng	-0.01
23) Nitrobenzene-d5	9.43	82	164839	99.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	101878	157.13	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	482866	102.88	ng	-0.01
78) Terphenyl-d14	20.19	244	538816	99.48	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.31	163	14636	2.84	ng	Qvalue 99

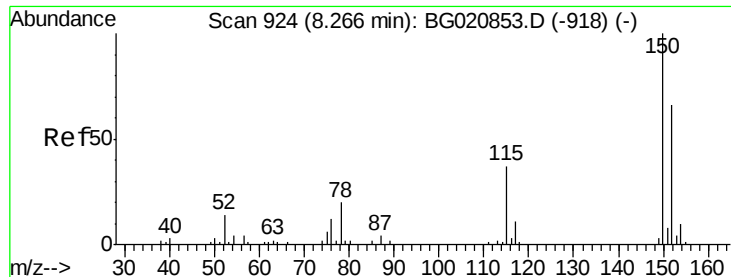
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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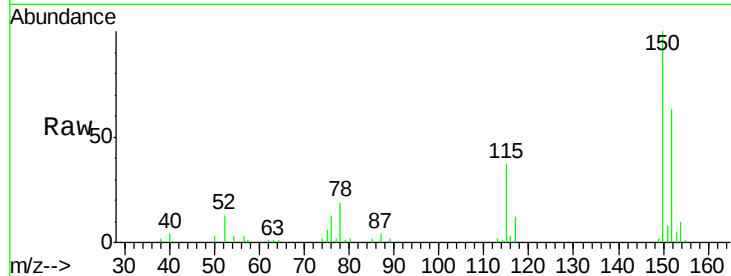


#1

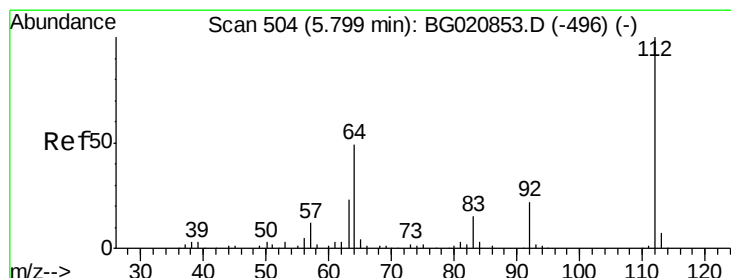
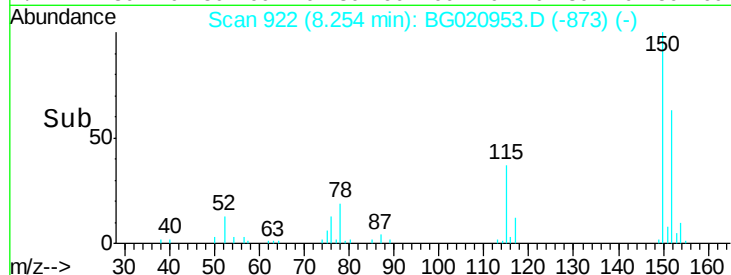
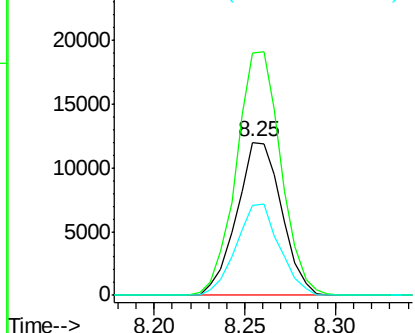
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020953.D
Acq: 19 Feb 2016 2:22

Instrument :
BNA_G
ClientSampleId :
HW-42

Tot Ion:152 Resp: 20718
Ion Ratio Lower Upper
152 100
150 158.8 122.0 183.0
115 58.6 45.2 67.8



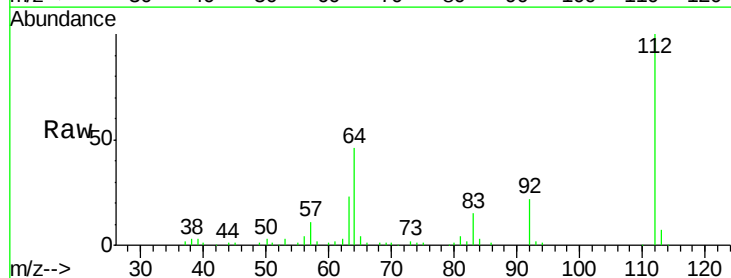
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



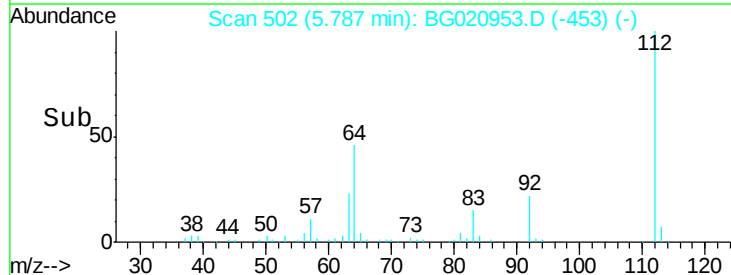
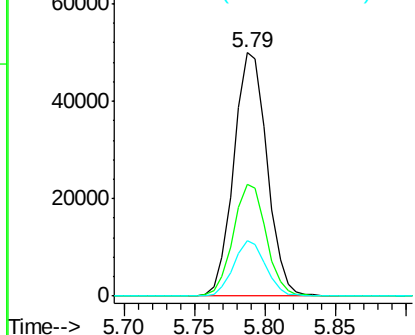
#5

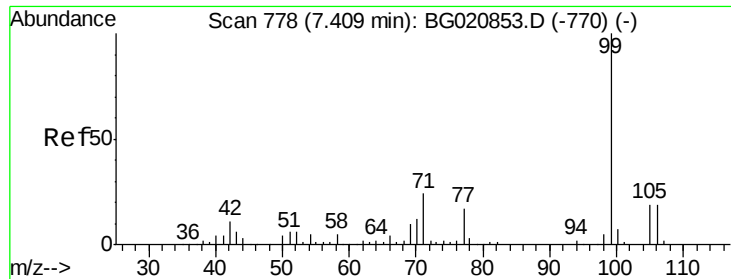
2-Fluorophenol
Concen: 66.52 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020953.D
Acq: 19 Feb 2016 2:22

Tgt Ion:112 Resp: 81840
Ion Ratio Lower Upper
112 100
64 45.9 39.3 58.9
63 22.8 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: 39.92 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020953.D

Acq: 19 Feb 2016 2:22

Instrument :

BNA_G

ClientSampleId :

HW-42

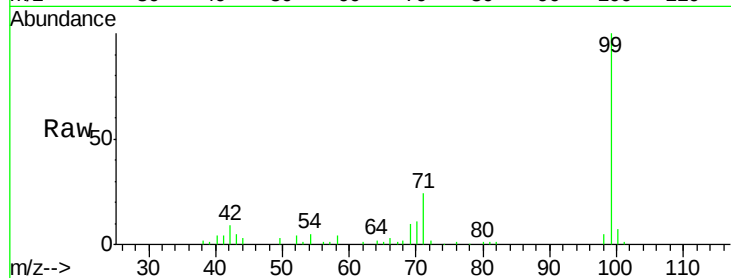
Tot Ion: 99 Resp: 71785

Ion Ratio Lower Upper

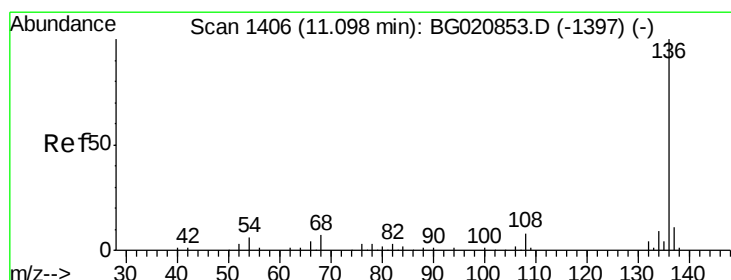
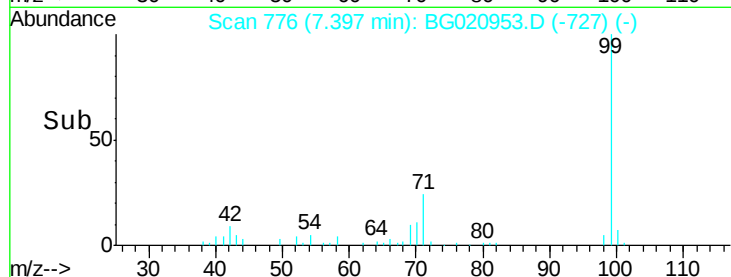
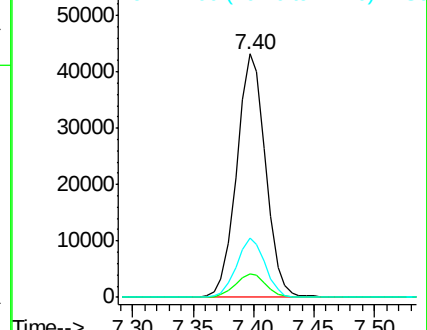
99 100

42 9.4 8.4 12.6

71 24.1 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# 1404

Delta R.T. -0.01 min

Lab File: BG020953.D

Acq: 19 Feb 2016 2:22

Tgt Ion: 136 Resp: 108838

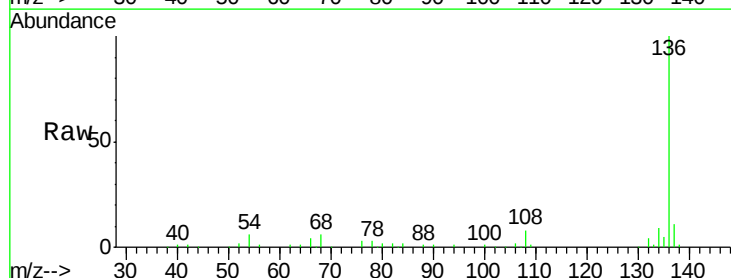
Ion Ratio Lower Upper

136 100

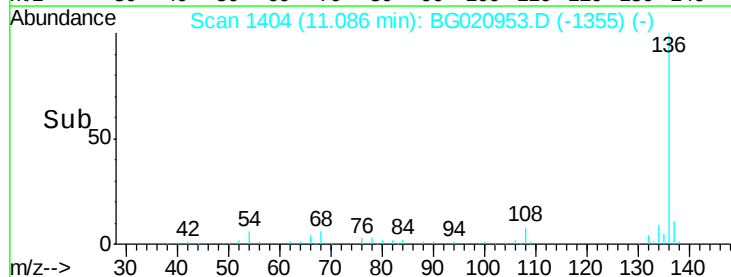
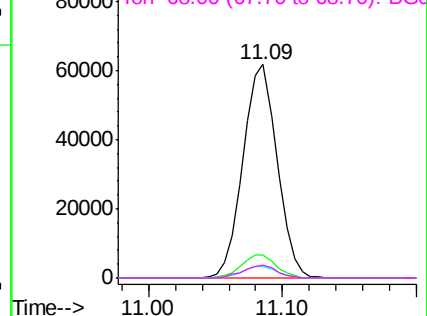
137 10.8 8.8 13.2

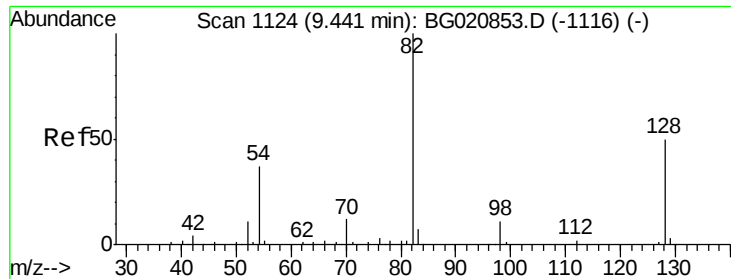
54 5.6 5.0 7.4

68 5.8 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

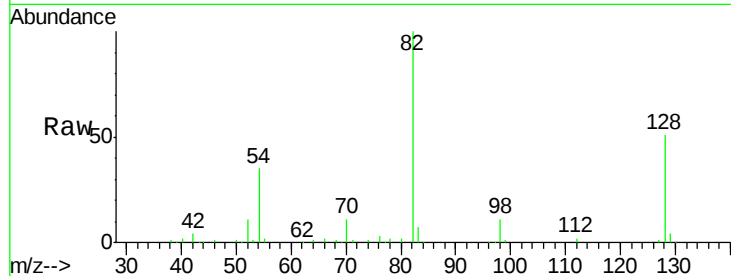




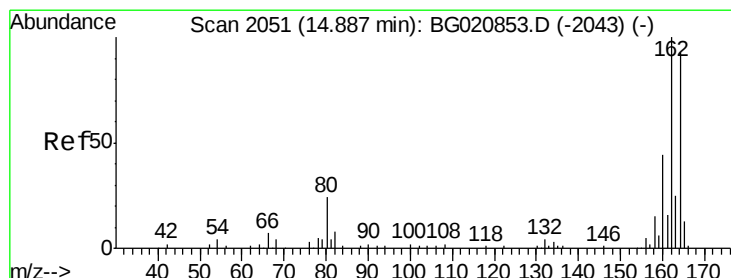
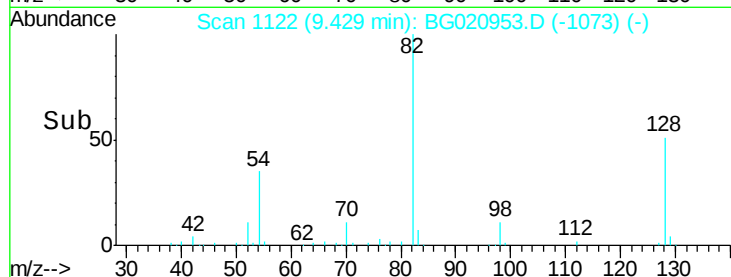
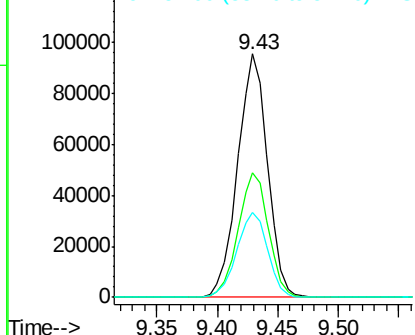
#23
Nitrobenzene-d5
Concen: 99.58 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020953.D
Acq: 19 Feb 2016 2:22

Instrument :
BNA_G
ClientSampleId :
HW-42

Tot Ion	82	Resp	164839
Ion Ratio	Lower	Upper	
82	100		
128	51.0	40.1	60.1
54	35.0	29.5	44.3

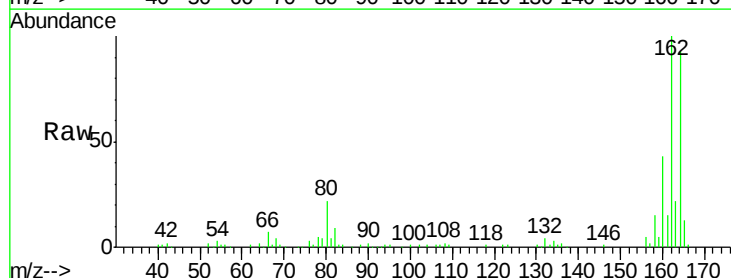


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

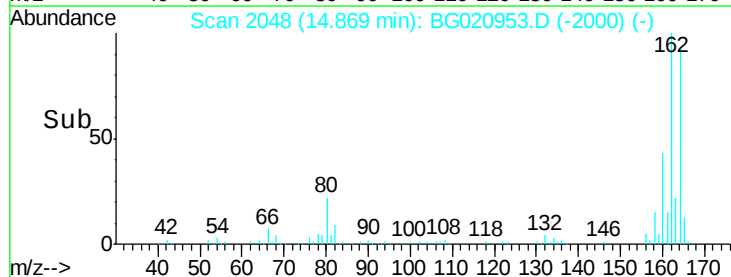
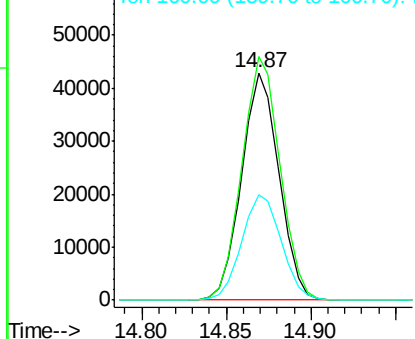


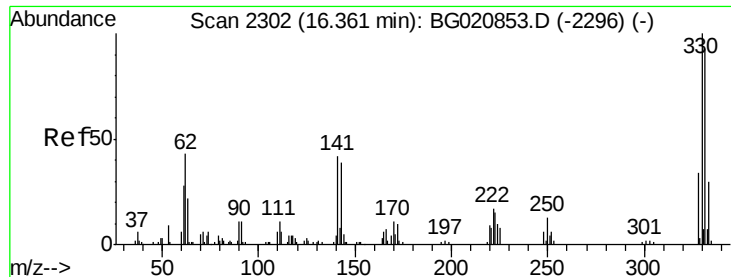
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020953.D
Acq: 19 Feb 2016 2:22

Tgt Ion	164	Resp	65931
Ion Ratio	Lower	Upper	
164	100		
162	107.2	85.7	128.5
160	46.5	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: 157.13 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020953.D

Acq: 19 Feb 2016 2:22

Instrument :

BNA_G

ClientSampleId :

HW-42

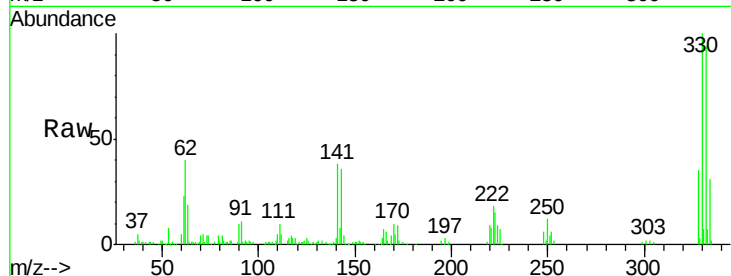
Tot Ion:330 Resp: 101878

Ion Ratio Lower Upper

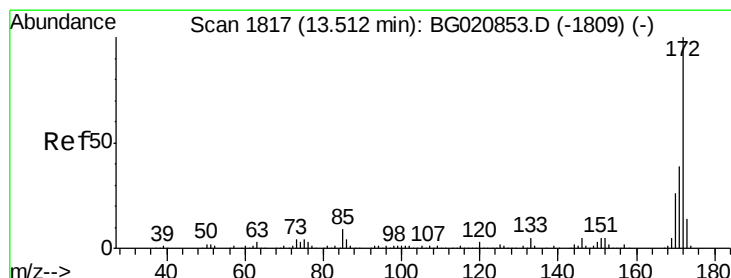
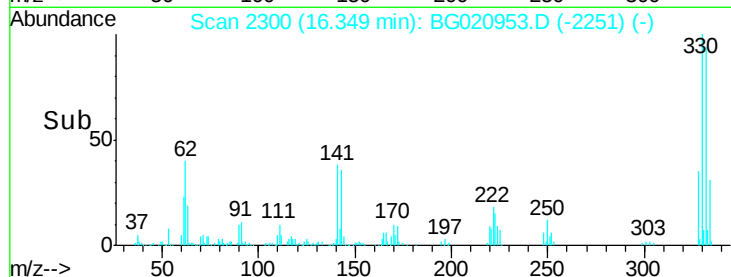
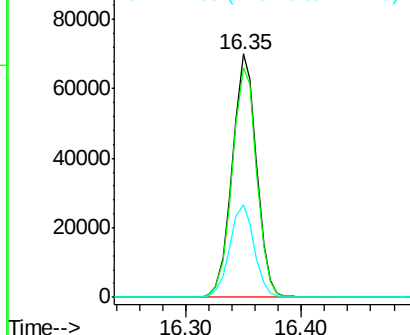
330 100

332 95.5 76.1 114.1

141 38.8 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: 102.88 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG020953.D

Acq: 19 Feb 2016 2:22

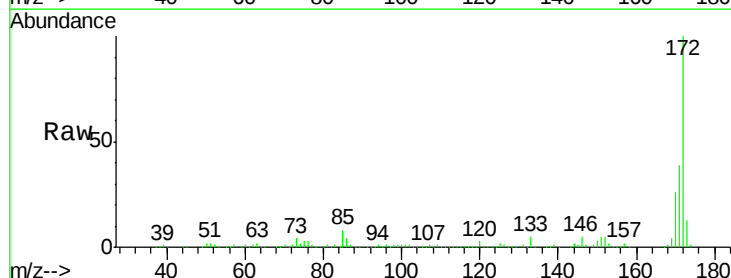
Tgt Ion:172 Resp: 482866

Ion Ratio Lower Upper

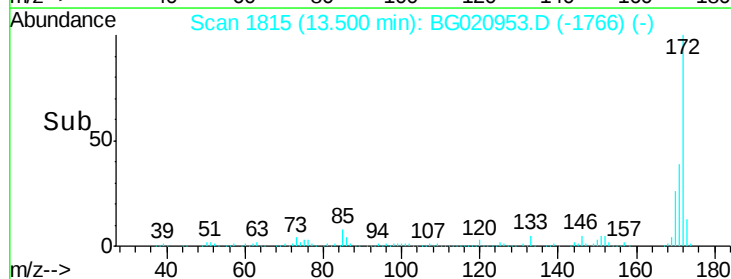
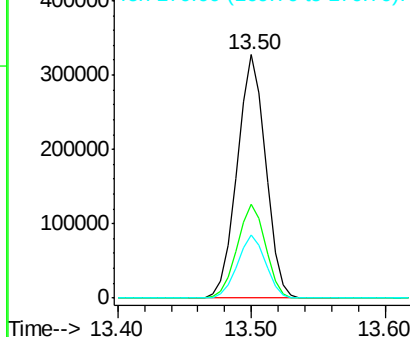
172 100

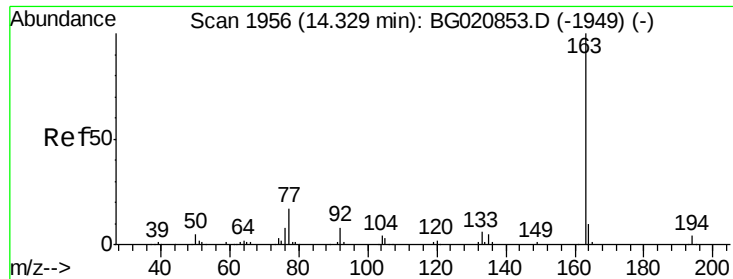
171 38.5 31.2 46.8

170 25.8 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

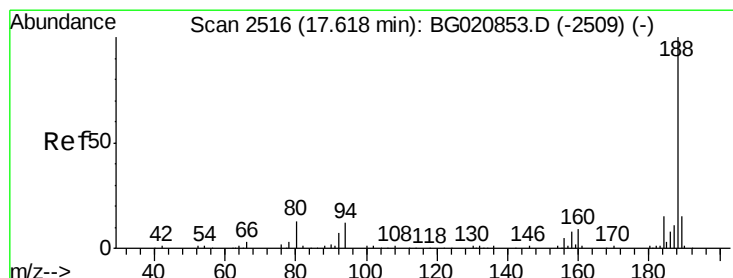
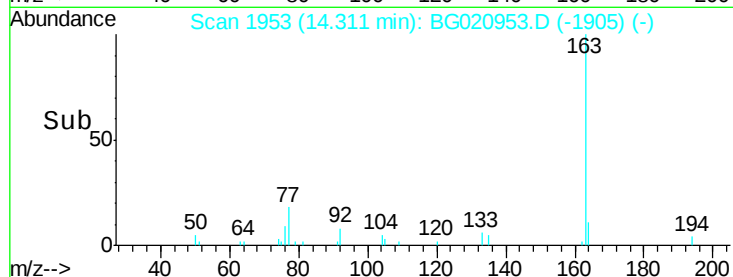
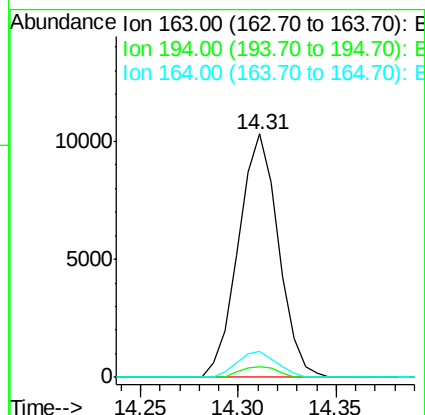
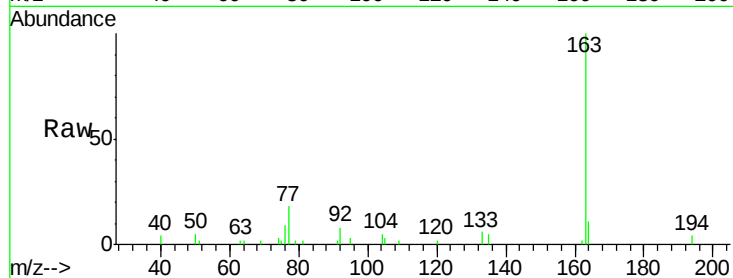




#49
Dimethylphthalate
Concen: 2.84 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG020953.D
Acq: 19 Feb 2016 2:22

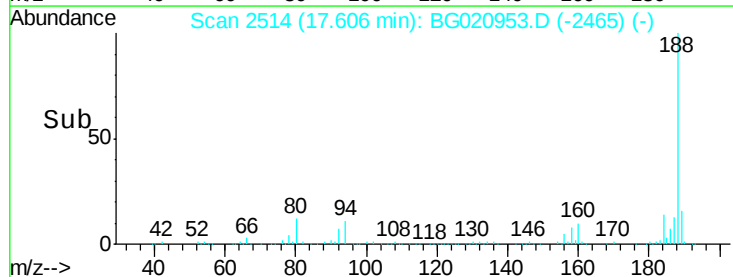
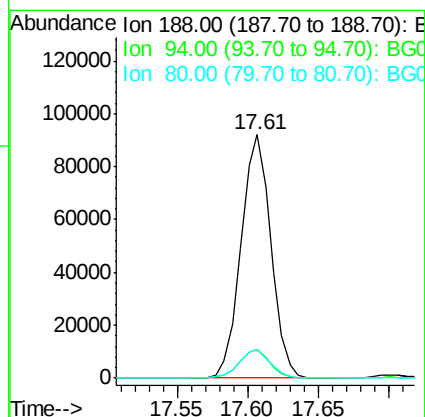
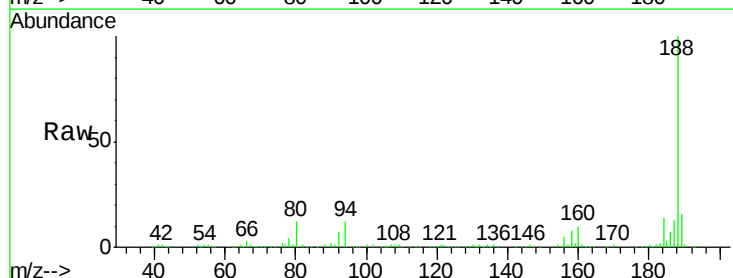
Instrument :
BNA_G
ClientSampleId :
HW-42

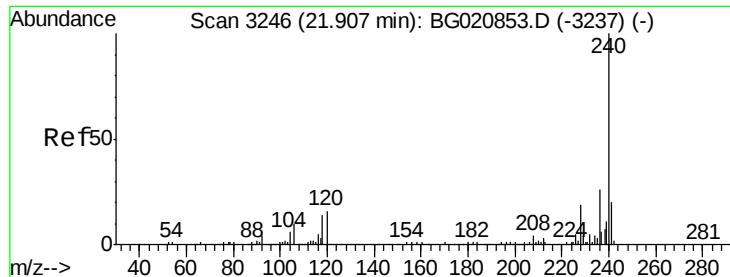
Tot Ion:163 Resp: 14636
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.6 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020953.D
Acq: 19 Feb 2016 2:22

Tgt Ion:188 Resp: 135971
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.0
80 11.9 10.2 15.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020953.D

Acq: 19 Feb 2016 2:22

Instrument :

BNA_G

ClientSampleId :

HW-42

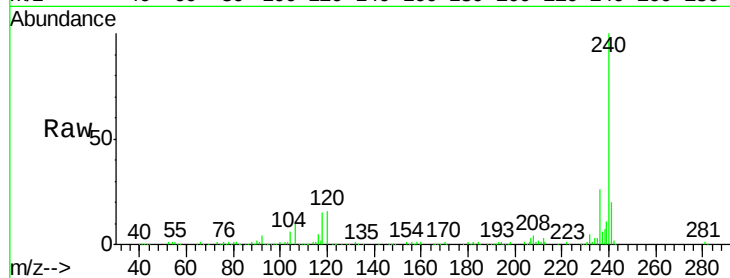
Tot Ion:240 Resp: 126354

Ion Ratio Lower Upper

240 100

120 15.7 13.0 19.4

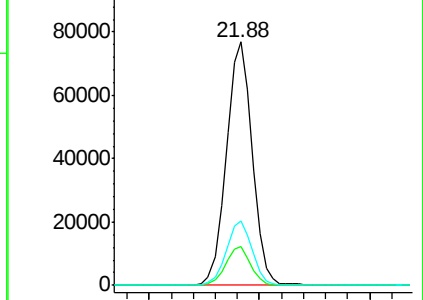
236 26.4 21.0 31.4



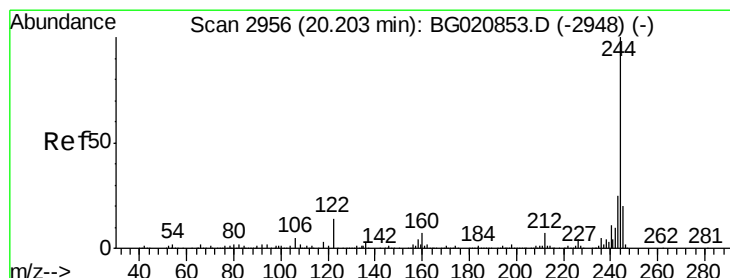
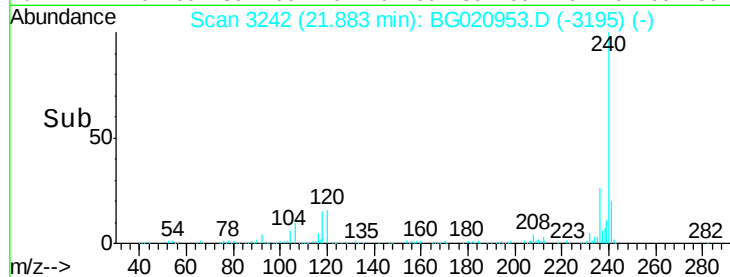
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 99.48 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020953.D

Acq: 19 Feb 2016 2:22

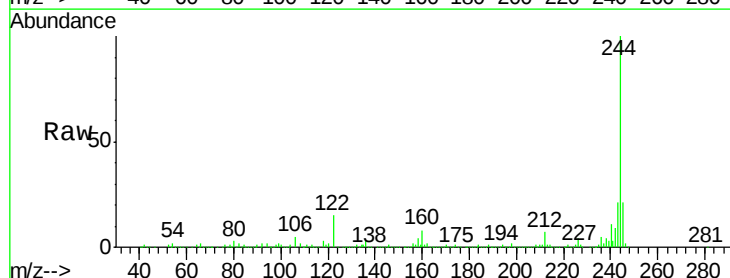
Tgt Ion:244 Resp: 538816

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

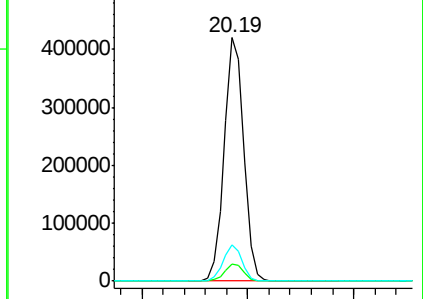
122 15.1 11.4 17.2



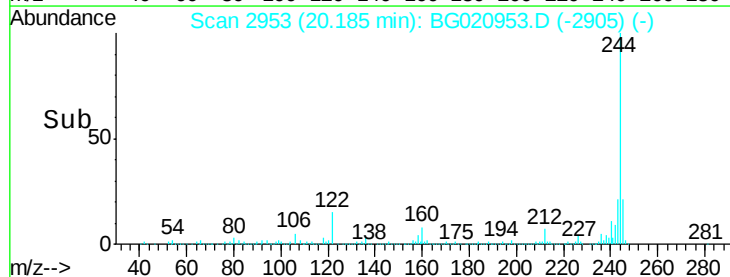
Abundance Ion 244.00 (243.70 to 244.70): E

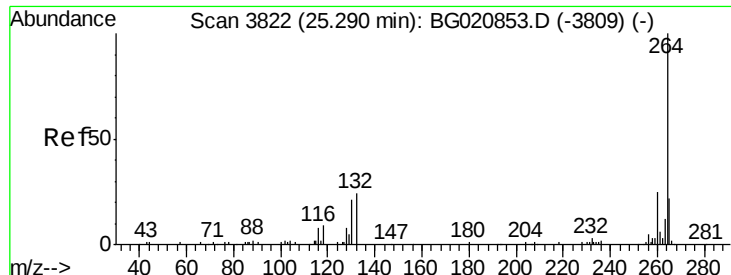
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

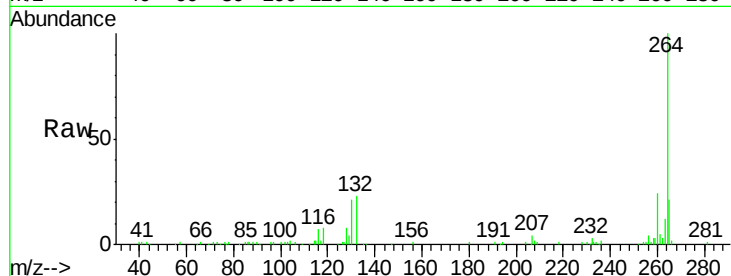




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. -0.04 min
Lab File: BG020953.D
Acq: 19 Feb 2016 2:22

Instrument :
BNA_G
ClientSampleId :
HW-42

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.9	29.9
265	20.6	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

