

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020954.D
 Acq On : 19 Feb 2016 3:01
 Operator : SJ/UM
 Sample : H1450-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-13

Quant Time: Feb 19 06:12:30 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

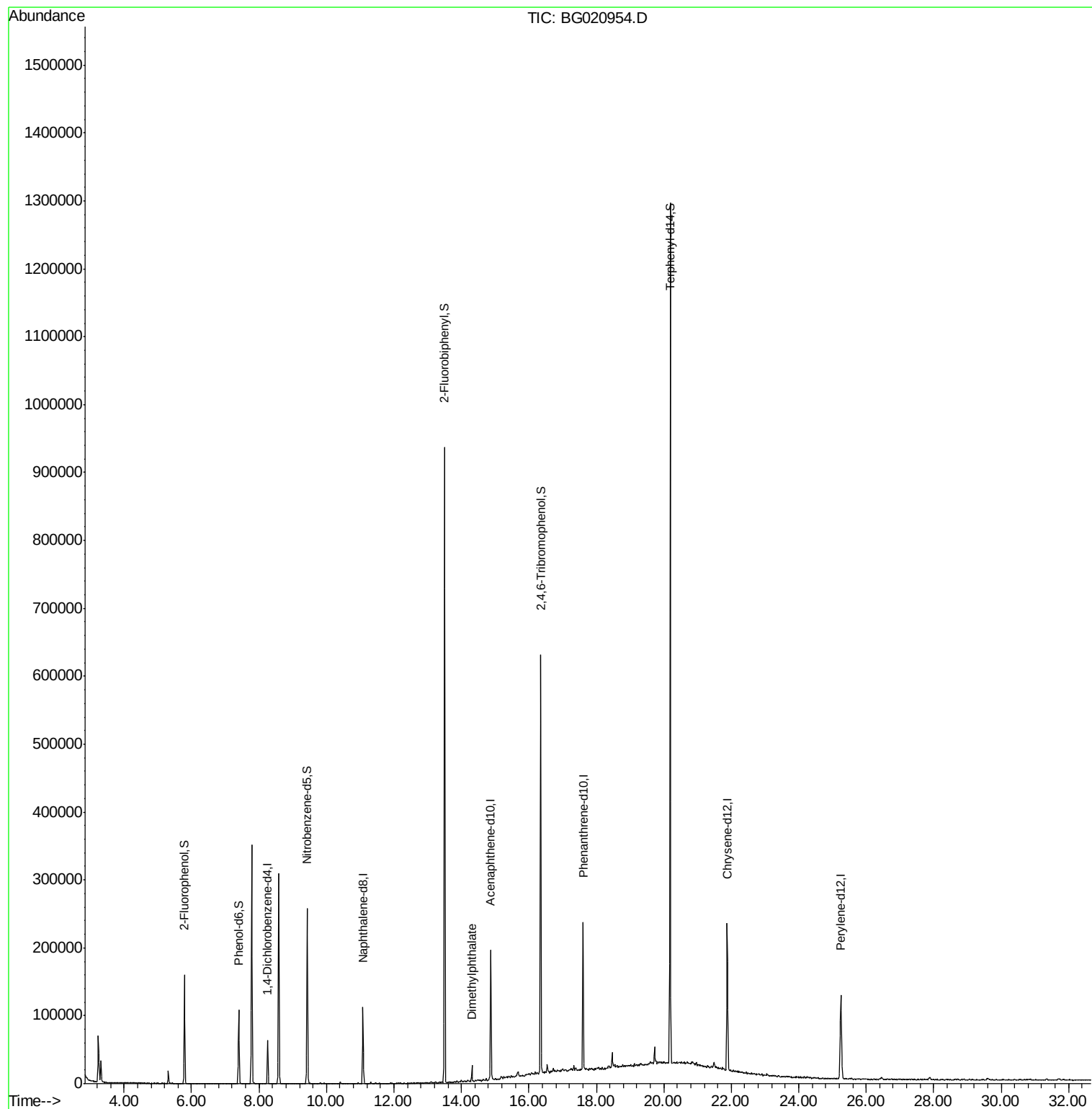
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20899	20.00	ng	-0.01
21) Naphthalene-d8	11.08	136	109479	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	66822	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	133671	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	124053	20.00	ng	-0.03
86) Perylene-d12	25.25	264	118365	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	89256	71.92	ng	-0.01
7) Phenol-d6	7.40	99	80416	44.33	ng	-0.01
23) Nitrobenzene-d5	9.43	82	171092	102.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	114445	174.16	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	492469	103.53	ng	-0.01
78) Terphenyl-d14	20.19	244	499864	94.00	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.31	163	17563	3.36	ng	Qvalue 100

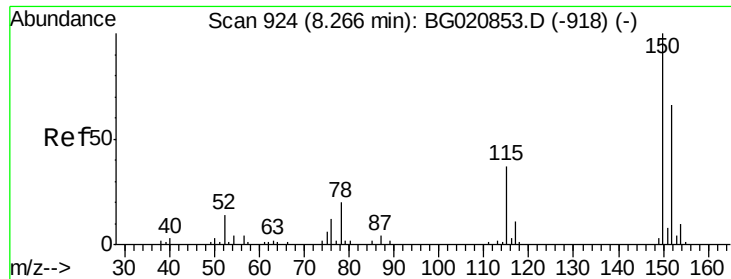
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 11 15:26:53 2016
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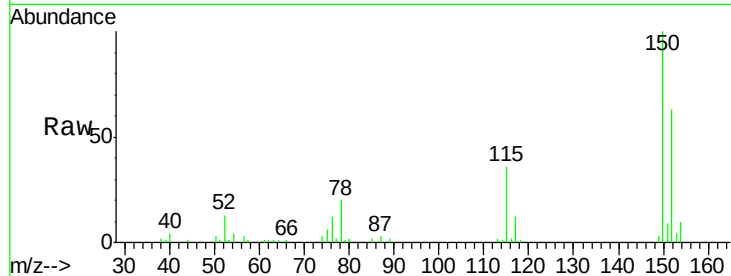


#1

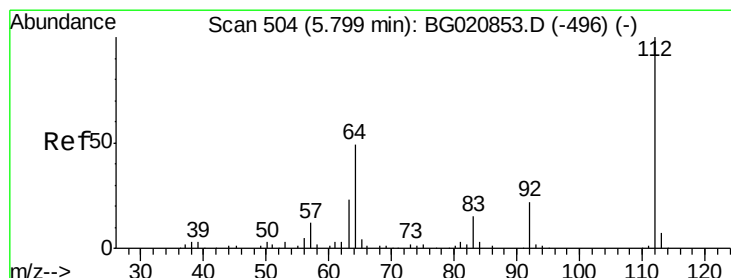
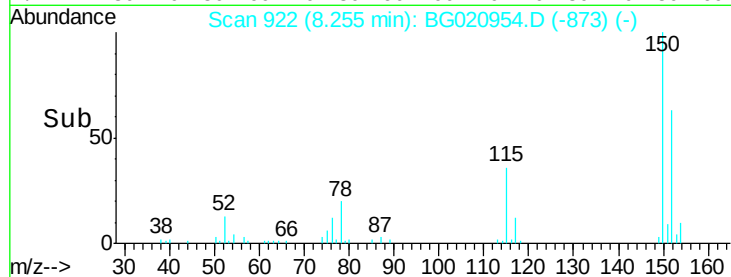
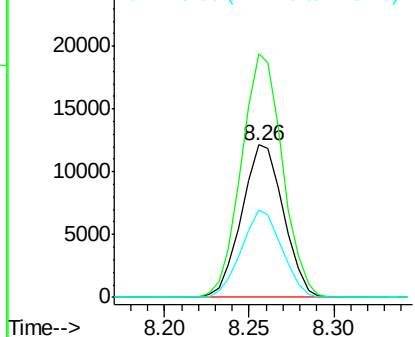
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020954.D
Acq: 19 Feb 2016 3:01

Instrument :
BNA_G
ClientSampled :
HW-13

Tot Ion:152 Resp: 20899
Ion Ratio Lower Upper
152 100
150 160.0 122.0 183.0
115 57.2 45.2 67.8



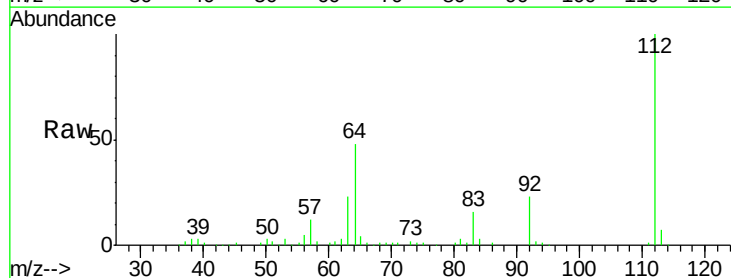
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



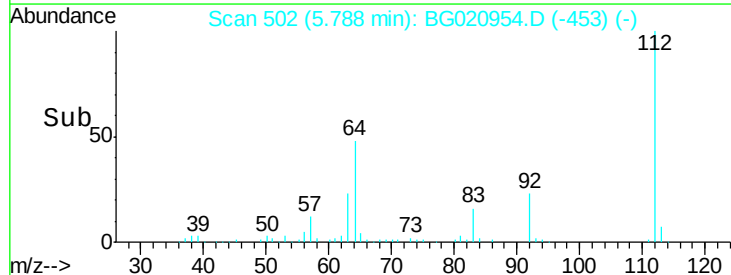
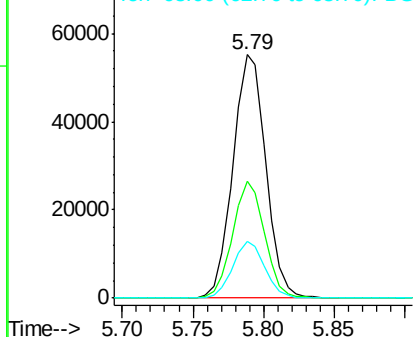
#5

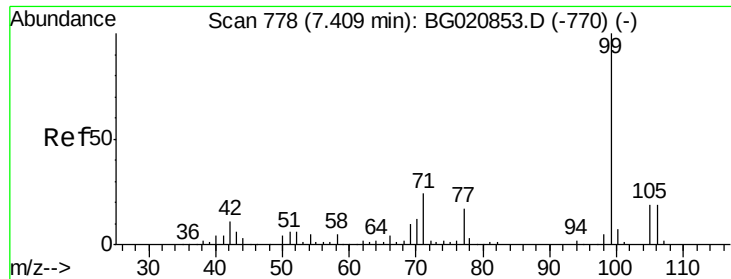
2-Fluorophenol
Concen: 71.92 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020954.D
Acq: 19 Feb 2016 3:01

Tgt Ion:112 Resp: 89256
Ion Ratio Lower Upper
112 100
64 48.1 39.3 58.9
63 23.1 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: 44.33 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020954.D

Acq: 19 Feb 2016 3:01

Instrument :

BNA_G

ClientSampleId :

HW-13

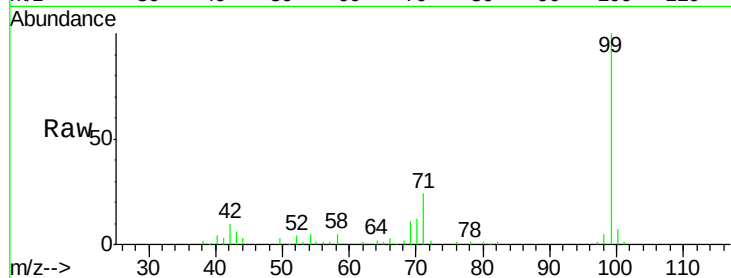
Tot Ion: 99 Resp: 80416

Ion Ratio Lower Upper

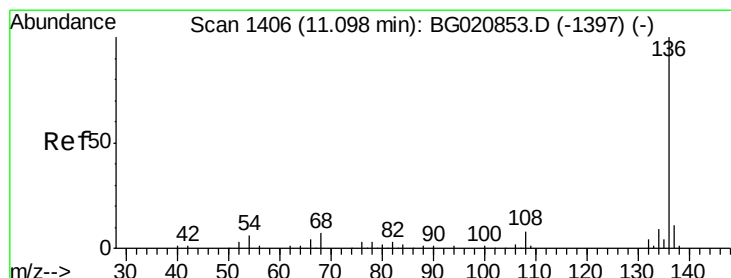
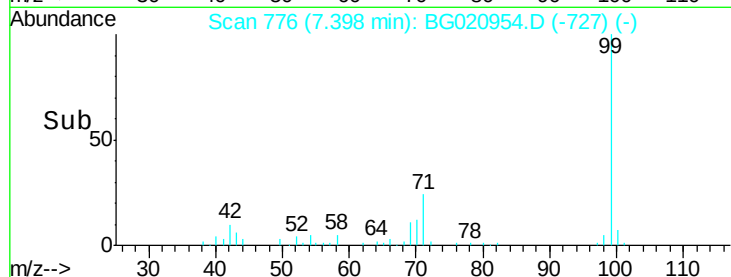
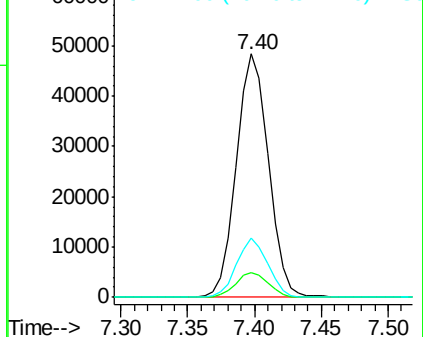
99 100

42 10.0 8.4 12.6

71 24.3 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: 11.08 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG020954.D

Acq: 19 Feb 2016 3:01

Tgt Ion: 136 Resp: 109479

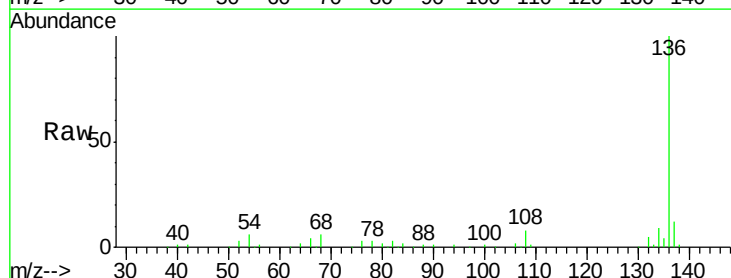
Ion Ratio Lower Upper

136 100

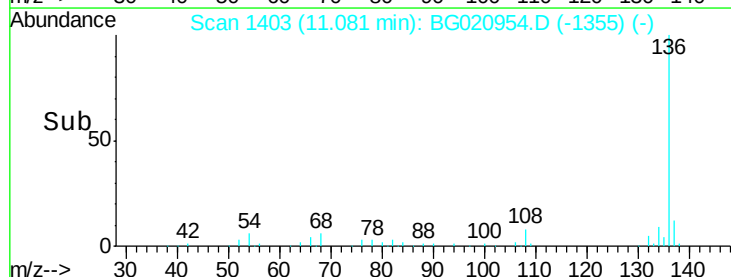
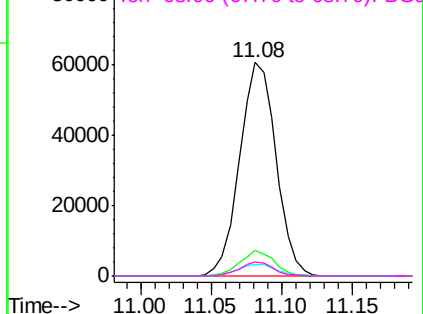
137 12.0 8.8 13.2

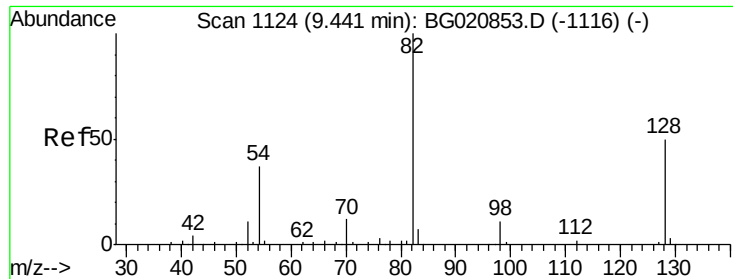
54 5.6 5.0 7.4

68 6.4 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

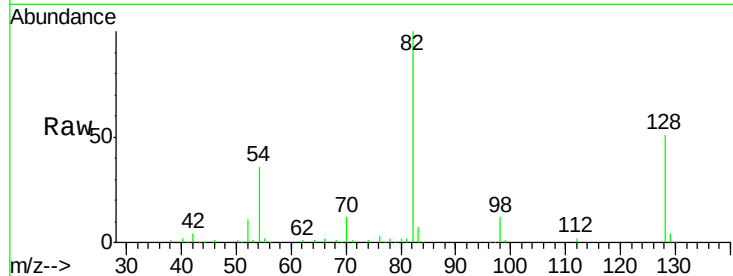




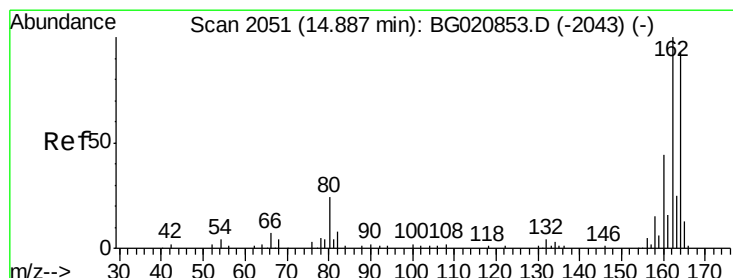
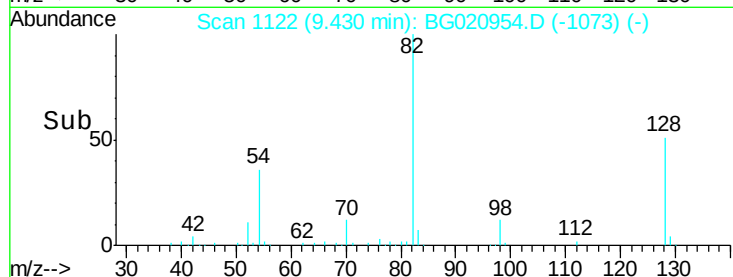
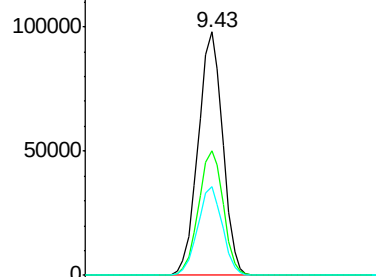
#23
 Nitrobenzene-d5
 Concen: 102.75 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020954.D
 Acq: 19 Feb 2016 3:01

Instrument :
 BNA_G
 ClientSampleID :
 HW-13

Tot Ion	82	Resp	171092
Ion Ratio	100	Lower	Upper
128	51.3	40.1	60.1
54	36.3	29.5	44.3

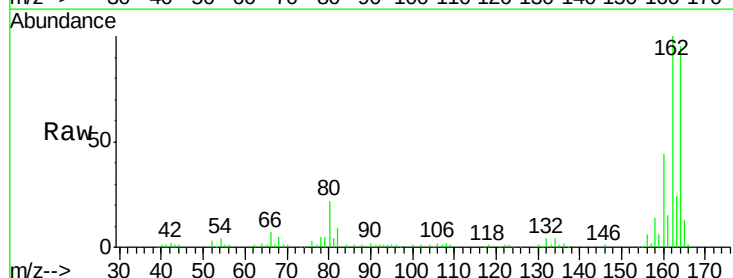


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

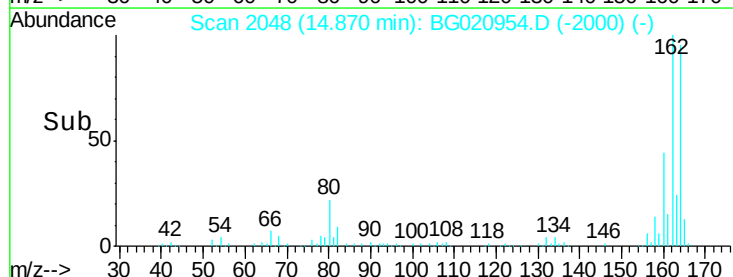
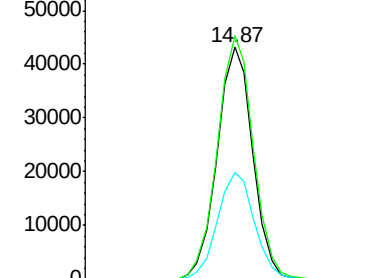


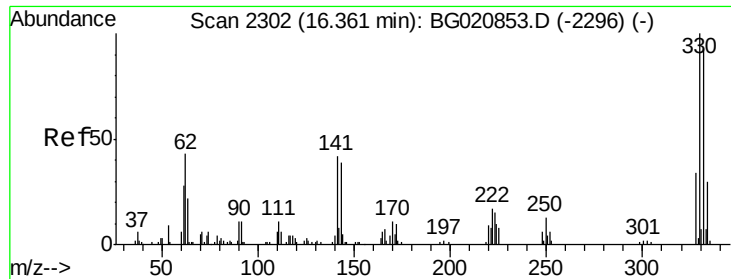
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020954.D
 Acq: 19 Feb 2016 3:01

Tgt Ion	164	Resp	66822
Ion Ratio	100	Lower	Upper
162	105.1	85.7	128.5
160	46.1	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: 174.16 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020954.D

Acq: 19 Feb 2016 3:01

Instrument :

BNA_G

ClientSampleId :

HW-13

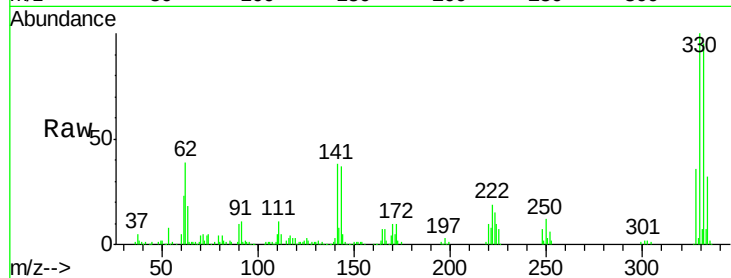
Tot Ion:330 Resp: 114445

Ion Ratio Lower Upper

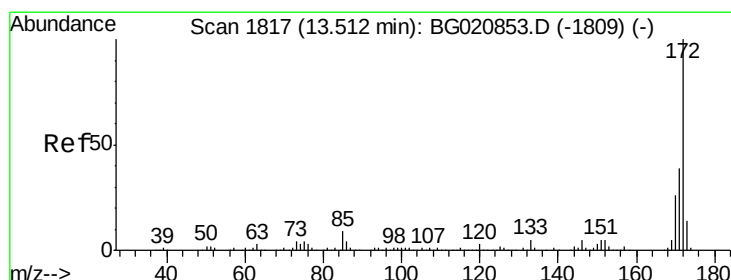
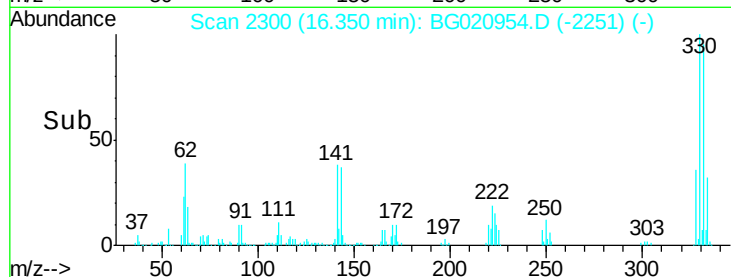
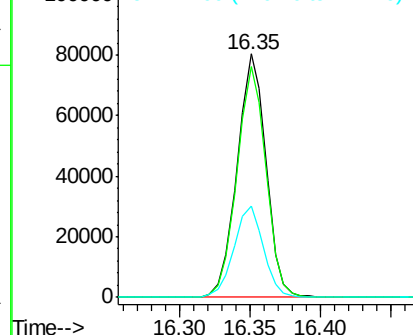
330 100

332 95.2 76.1 114.1

141 38.7 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: 103.53 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG020954.D

Acq: 19 Feb 2016 3:01

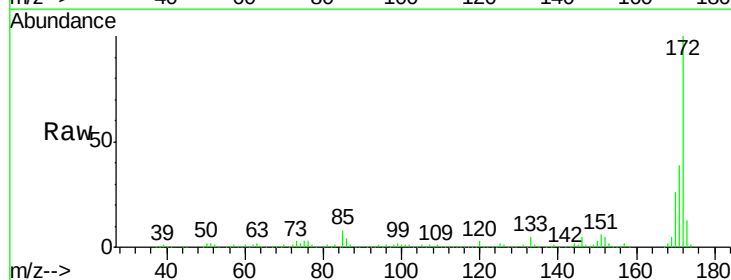
Tgt Ion:172 Resp: 492469

Ion Ratio Lower Upper

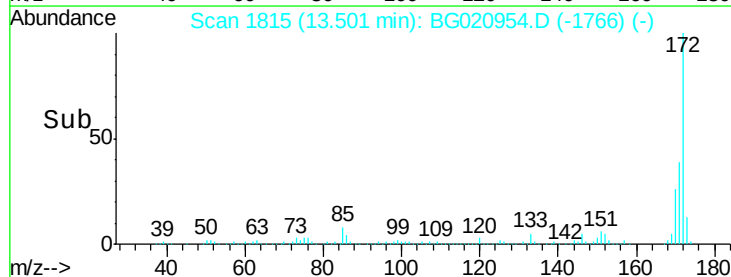
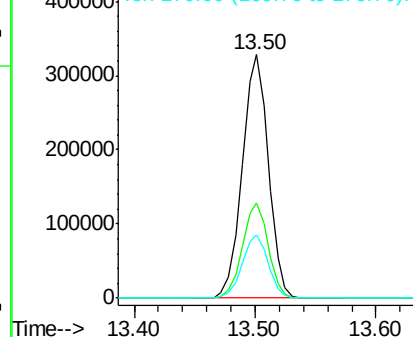
172 100

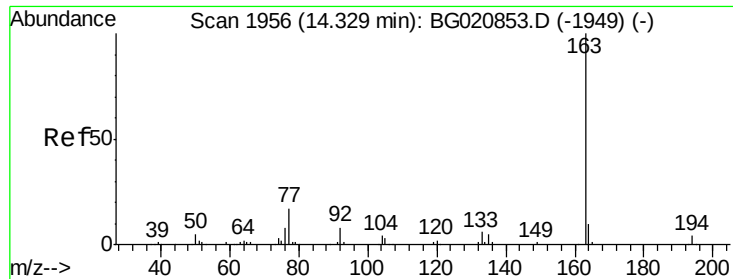
171 39.2 31.2 46.8

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: 3.36 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020954.D

Acq: 19 Feb 2016 3:01

Instrument :

BNA_G

ClientSampleId :

HW-13

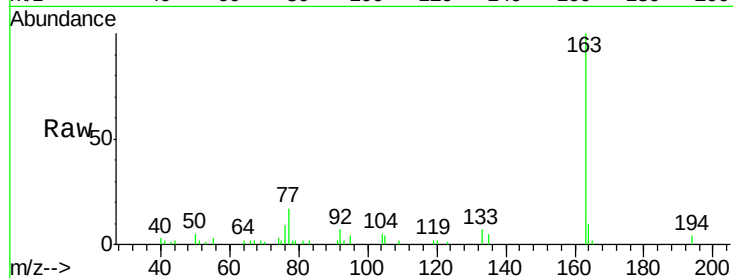
Tot Ion:163 Resp: 17563

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

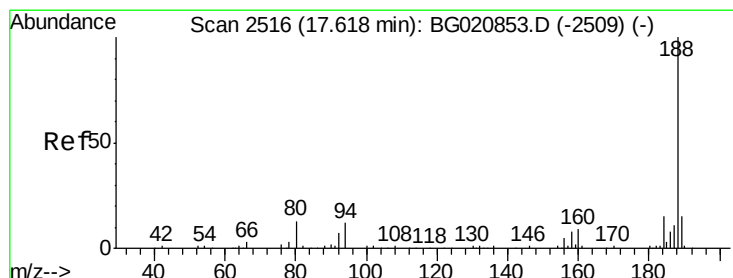
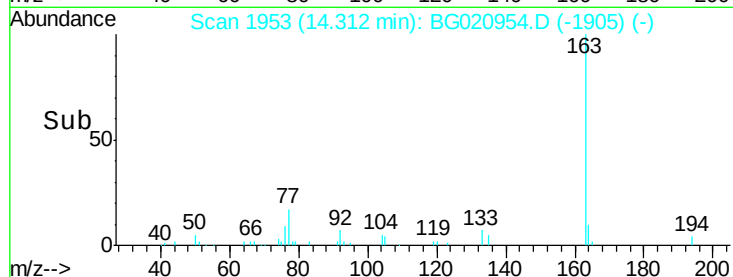
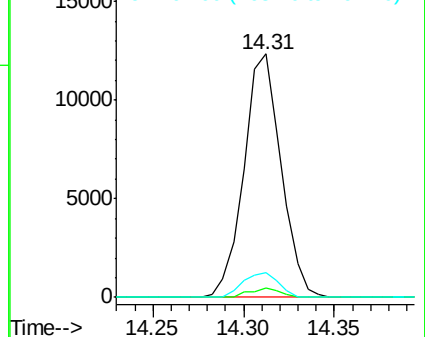
164 10.4 8.3 12.5



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: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020954.D

Acq: 19 Feb 2016 3:01

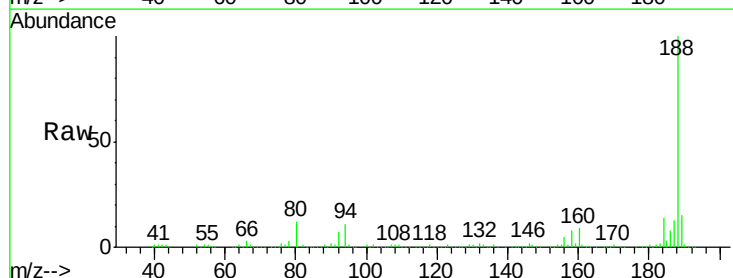
Tgt Ion:188 Resp: 133671

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.0

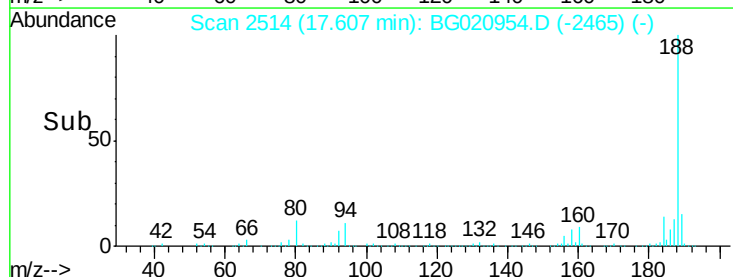
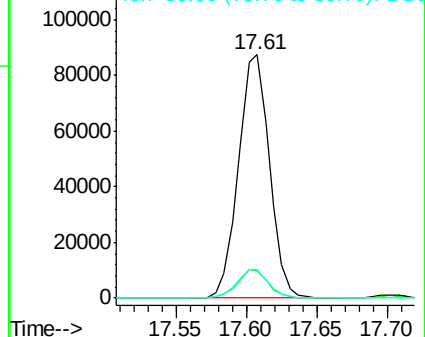
80 11.9 10.2 15.4

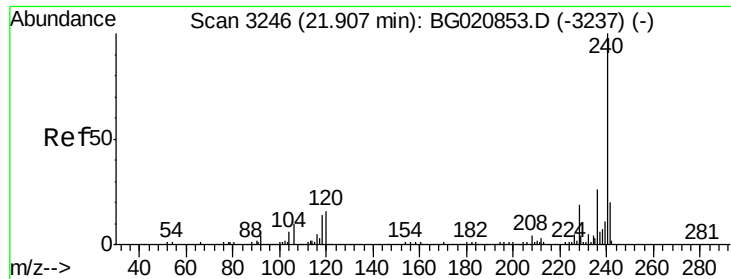


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.88 min Scan# 3241

Delta R.T. -0.03 min

Lab File: BG020954.D

Acq: 19 Feb 2016 3:01

Instrument :

BNA_G

ClientSampleId :

HW-13

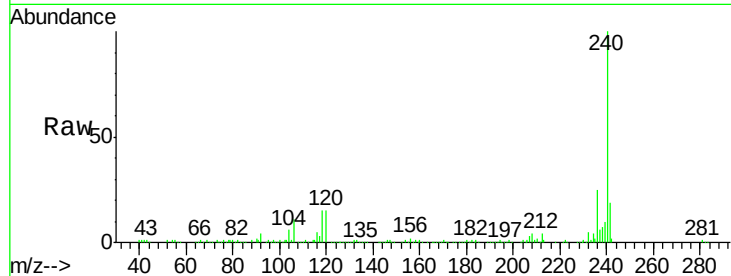
Tot Ion:240 Resp: 124053

Ion Ratio Lower Upper

240 100

120 14.6 13.0 19.4

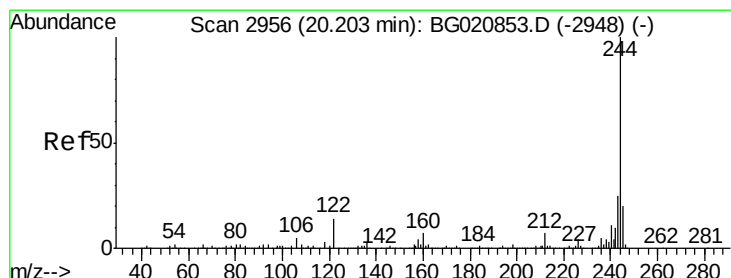
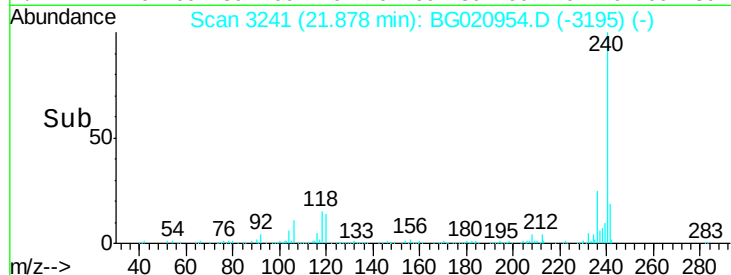
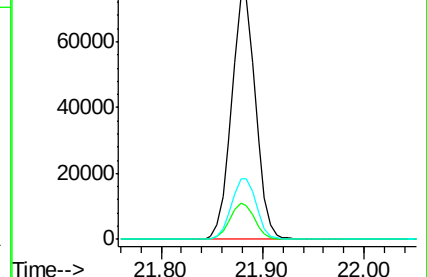
236 25.0 21.0 31.4



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: 94.00 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020954.D

Acq: 19 Feb 2016 3:01

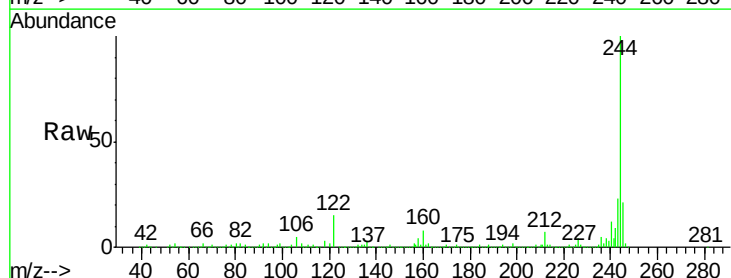
Tgt Ion:244 Resp: 499864

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

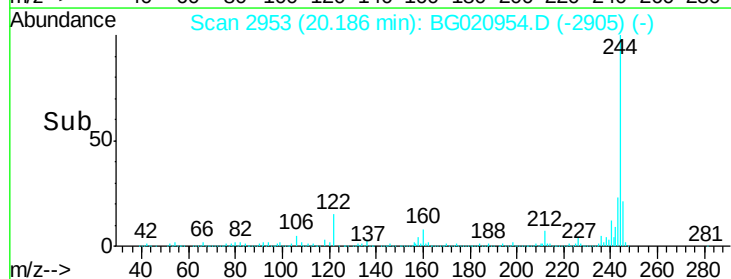
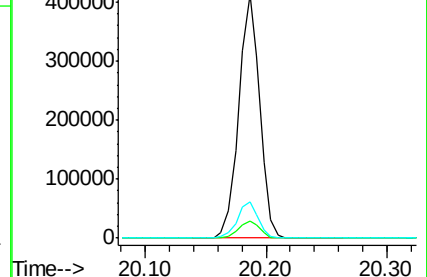
122 14.7 11.4 17.2

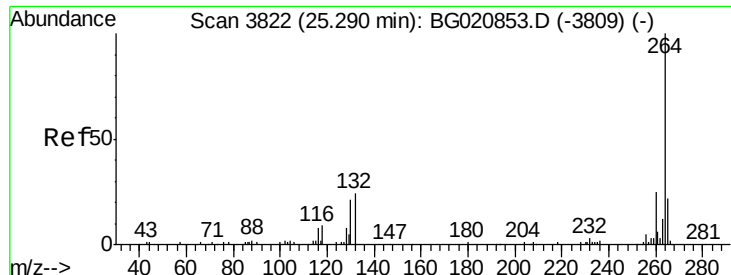


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

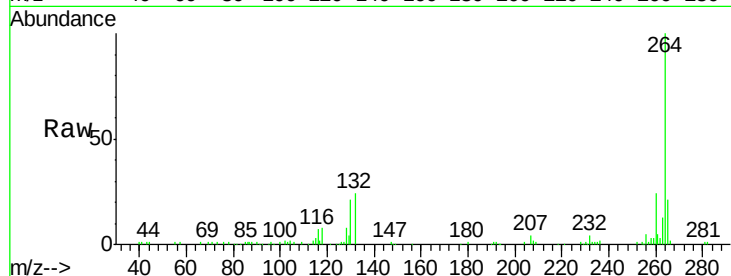




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. -0.04 min
Lab File: BG020954.D
Acq: 19 Feb 2016 3:01

Instrument :
BNA_G
ClientSampleId :
HW-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

