

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020992.D
 Acq On : 20 Feb 2016 4:07
 Operator : SJ/UM
 Sample : H1508-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EAST-COUNTER-WEIGHT-PIT

Quant Time: Feb 20 05:53:08 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

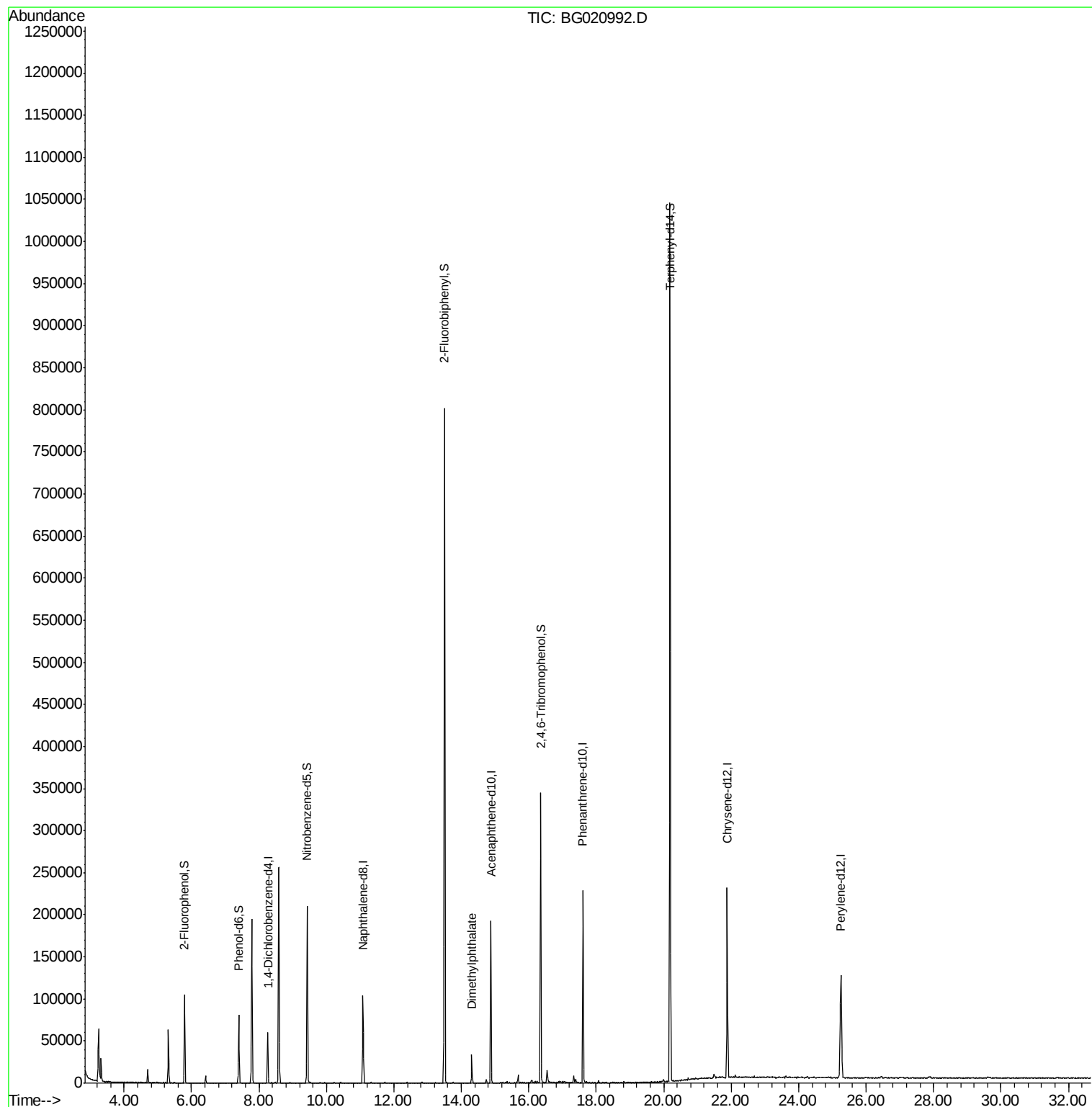
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19661	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	104506	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	67604	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	139865	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	132004	20.00	ng	-0.02
86) Perylene-d12	25.25	264	123706	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	58677	50.26	ng	0.00
7) Phenol-d6	7.40	99	59562	34.91	ng	0.00
23) Nitrobenzene-d5	9.43	82	143223	90.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	65444	98.44	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	427979	88.93	ng	-0.01
78) Terphenyl-d14	20.18	244	448162	79.20	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	25568	4.84	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG020992.D

Acq: 20 Feb 2016 4:07

Instrument :

BNA_G

ClientSampleId :

EAST-COUNTER-WEIGHT-PIT

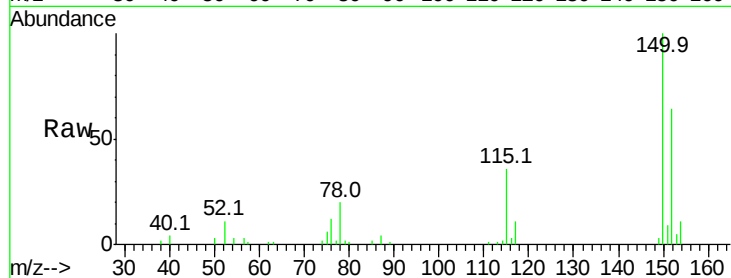
Tot Ion:152 Resp: 19661

Ion Ratio Lower Upper

152 100

150 156.3 122.0 183.0

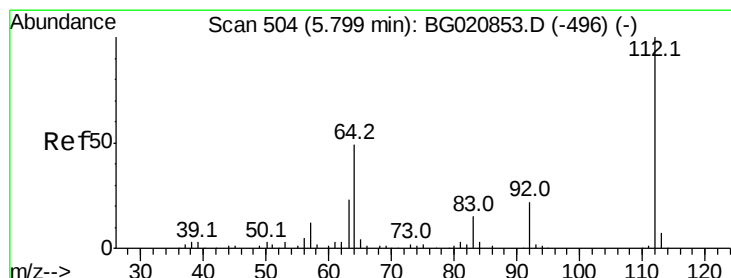
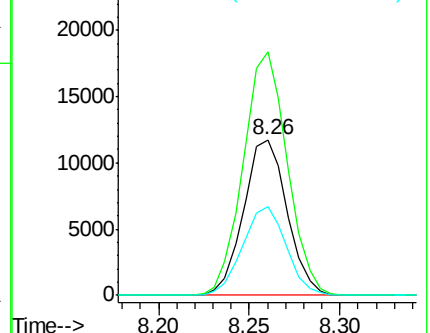
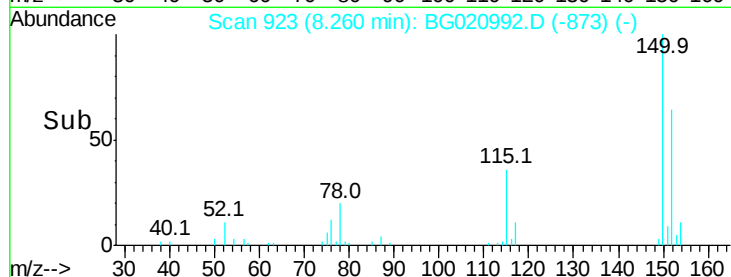
115 56.9 45.2 67.8



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: 50.26 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020992.D

Acq: 20 Feb 2016 4:07

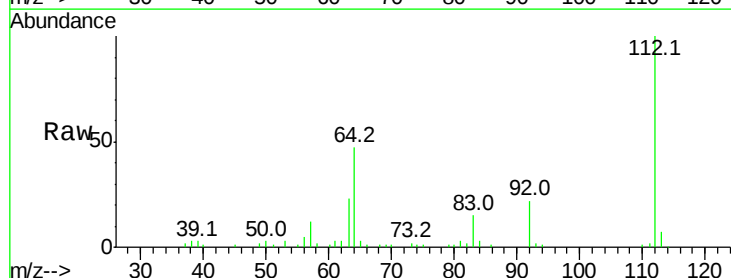
Tgt Ion:112 Resp: 58677

Ion Ratio Lower Upper

112 100

64 46.6 39.3 58.9

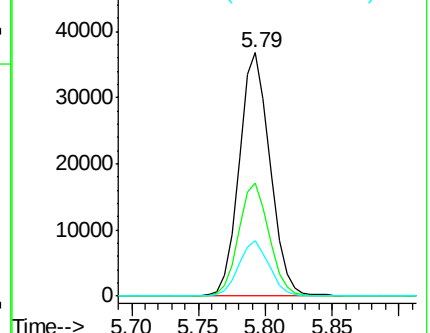
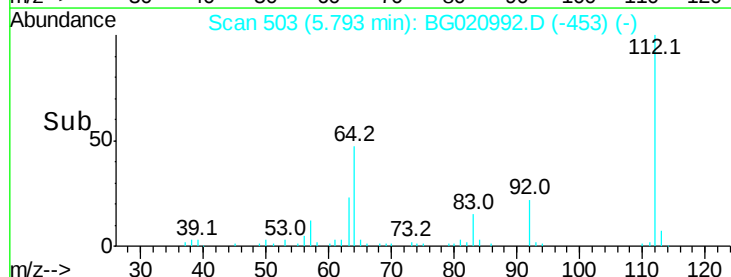
63 22.9 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 34.91 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020992.D

Acq: 20 Feb 2016 4:07

Instrument :

BNA_G

ClientSampleId :

EAST-COUNTER-WEIGHT-PIT

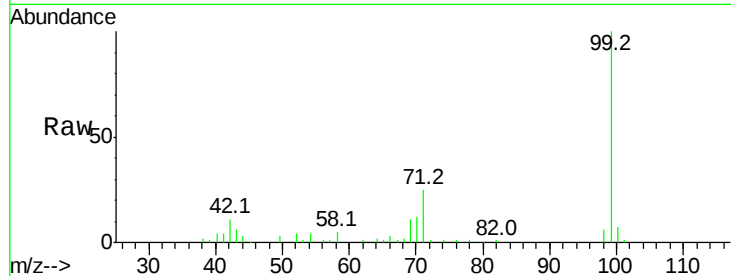
Tot Ion: 99 Resp: 59562

Ion Ratio Lower Upper

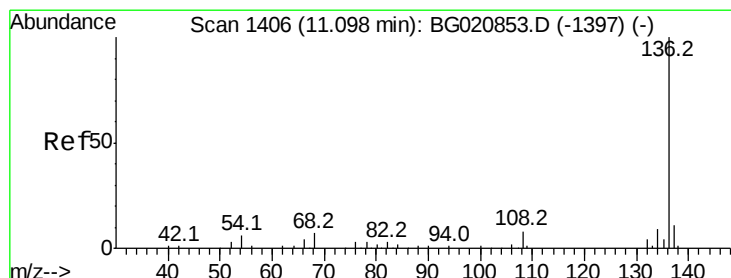
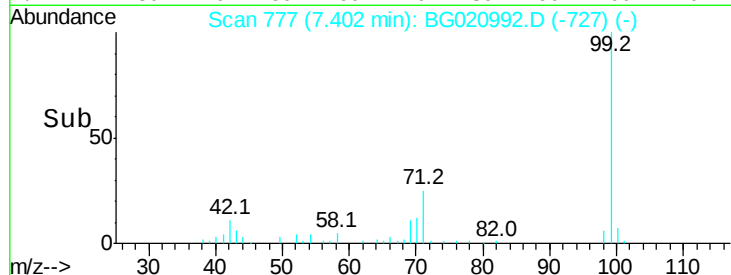
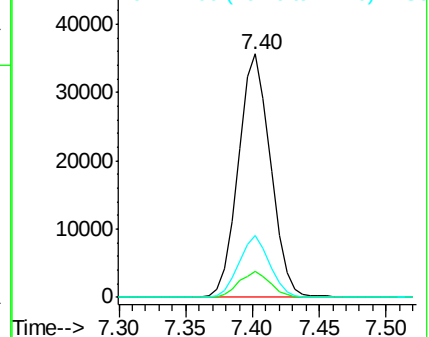
99 100

42 10.8 8.4 12.6

71 25.2 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: BG020992.D

Acq: 20 Feb 2016 4:07

Tgt Ion: 136 Resp: 104506

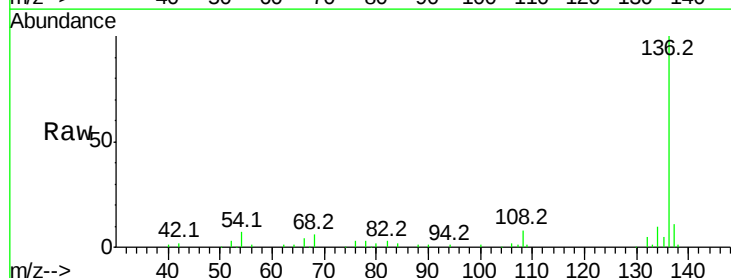
Ion Ratio Lower Upper

136 100

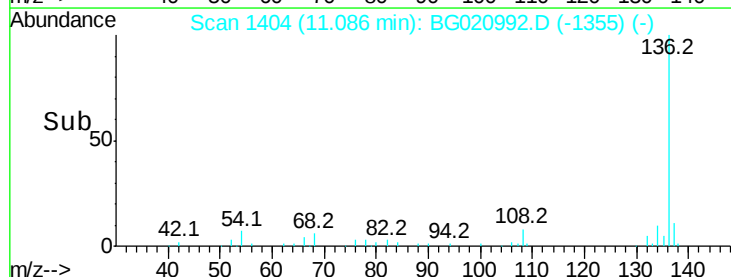
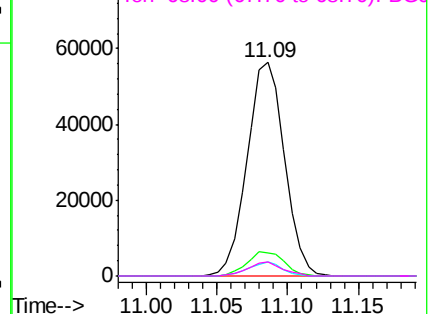
137 10.6 8.8 13.2

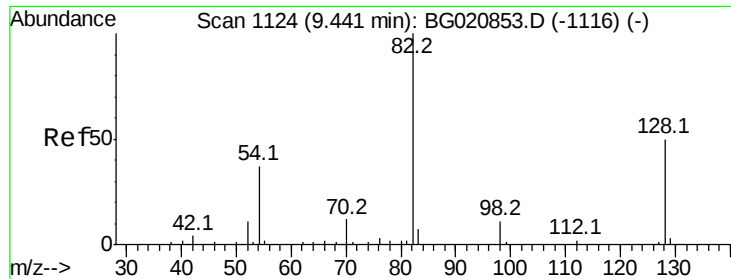
54 6.5 5.0 7.4

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

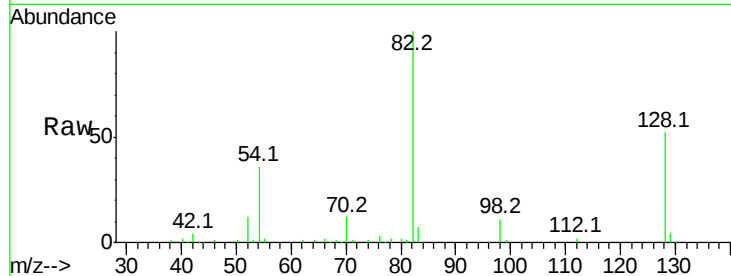




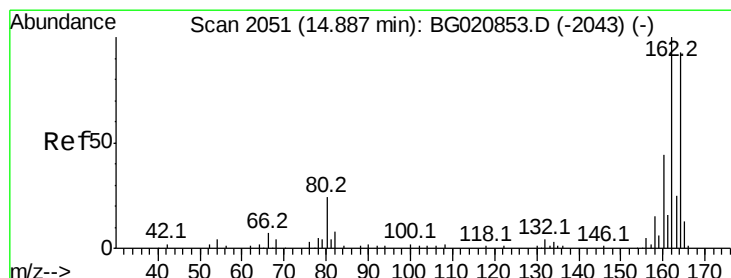
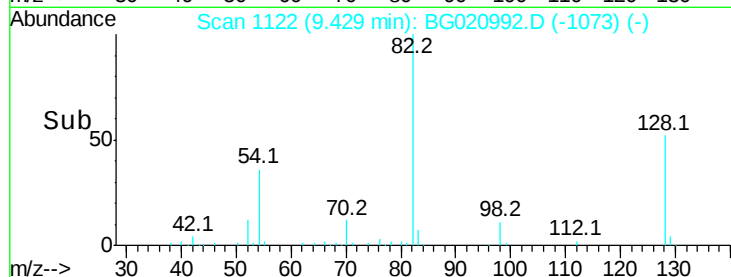
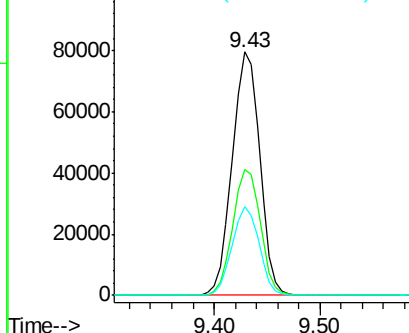
#23
 Nitrobenzene-d5
 Concen: 90.11 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020992.D
 Acq: 20 Feb 2016 4:07

Instrument :
 BNA_G
 ClientSampleId :
 EAST-COUNTER-WEIGHT-PIT

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.1	60.1
54	36.2	29.5	44.3

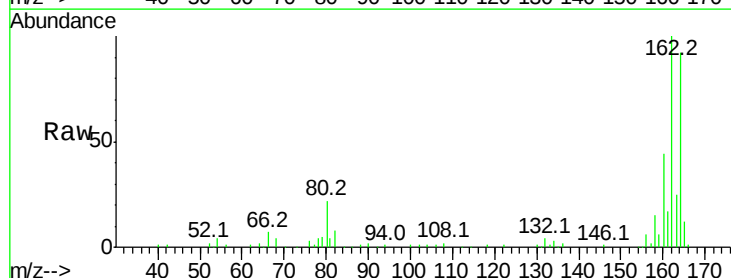


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

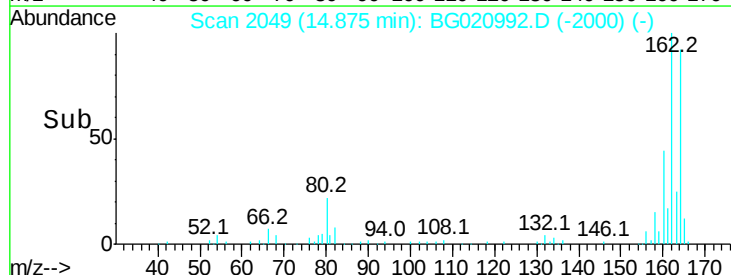
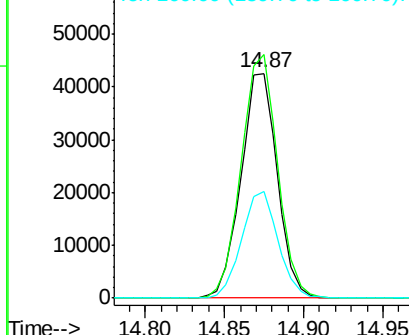


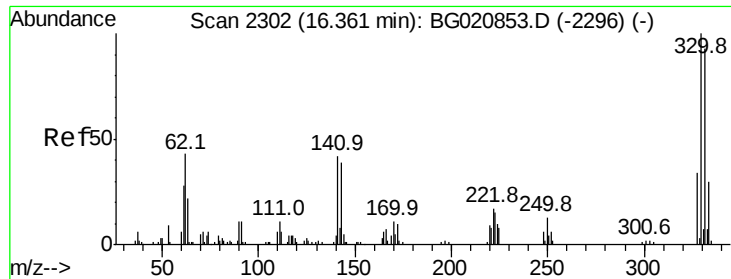
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020992.D
 Acq: 20 Feb 2016 4:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	85.7	128.5
160	47.5	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

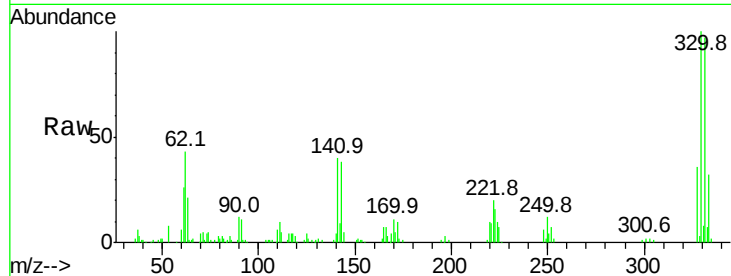




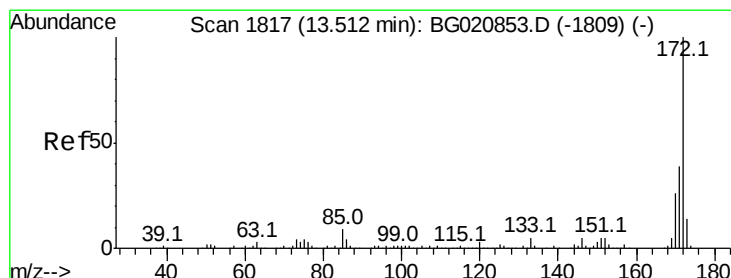
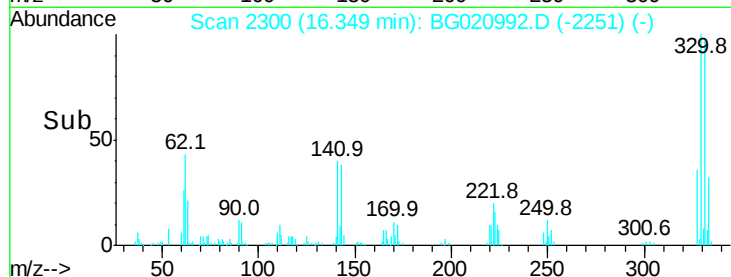
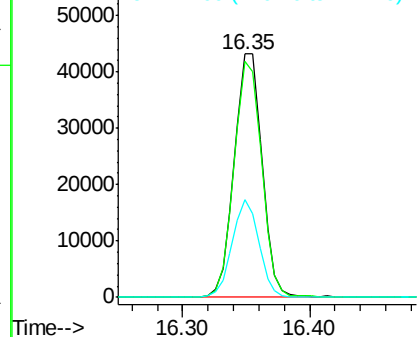
#41
 2,4,6-Tribromophenol
 Concen: 98.44 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020992.D
 Acq: 20 Feb 2016 4:07

Instrument :
 BNA_G
 ClientSampleId :
 EAST-COUNTER-WEIGHT-PIT

Tot Ion:330 Resp: 65444
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.1 114.1
 141 38.4 32.0 48.0

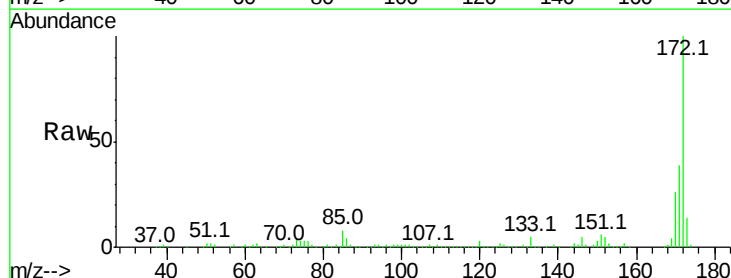


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

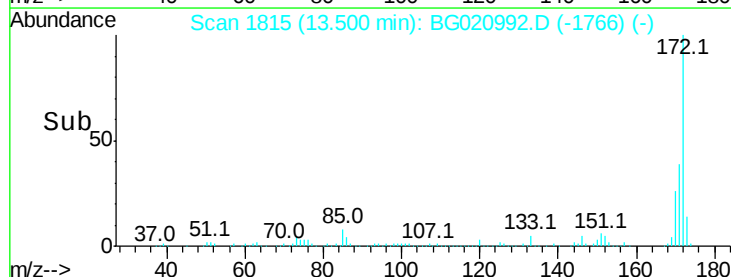
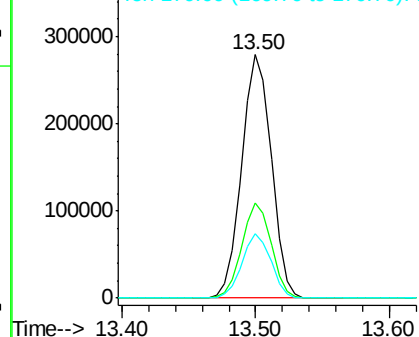


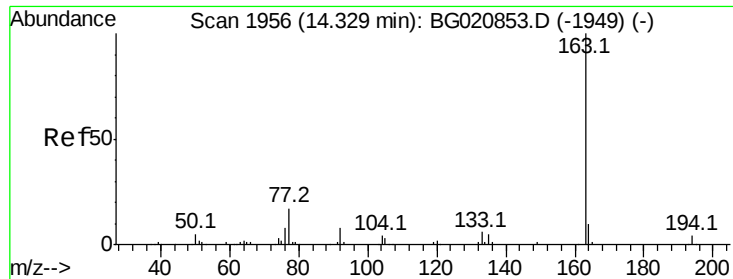
#44
 2-Fluorobiphenyl
 Concen: 88.93 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020992.D
 Acq: 20 Feb 2016 4:07

Tgt Ion:172 Resp: 427979
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.2 46.8
 170 26.3 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: 4.84 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020992.D

Acq: 20 Feb 2016 4:07

Instrument :

BNA_G

ClientSampleId :

EAST-COUNTER-WEIGHT-PIT

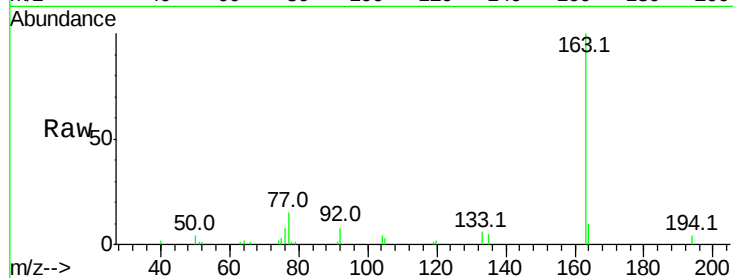
Tot Ion:163 Resp: 25568

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

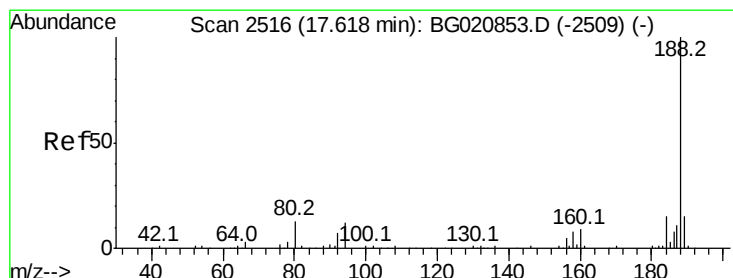
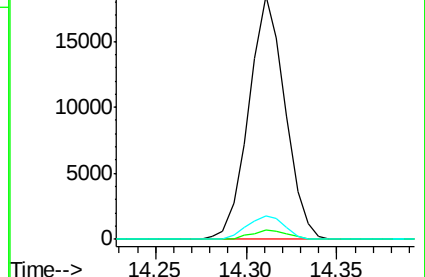
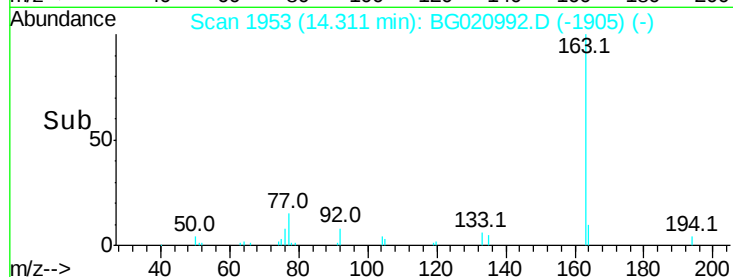
164 9.8 8.3 12.5



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: BG020992.D

Acq: 20 Feb 2016 4:07

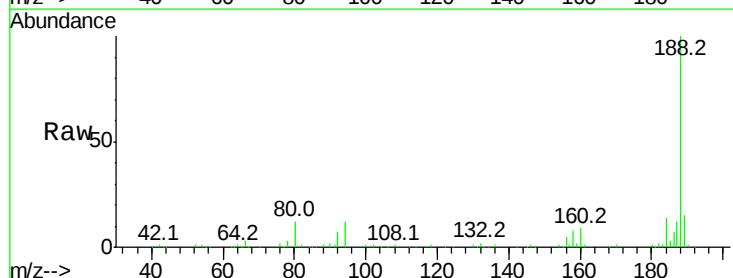
Tgt Ion:188 Resp: 139865

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.0

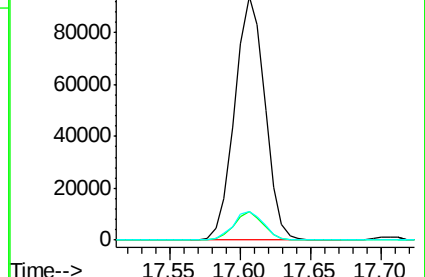
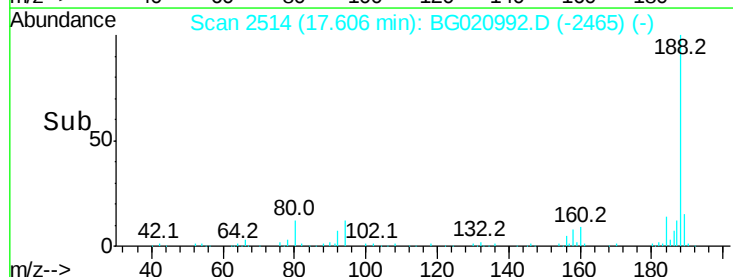
80 11.6 10.2 15.4

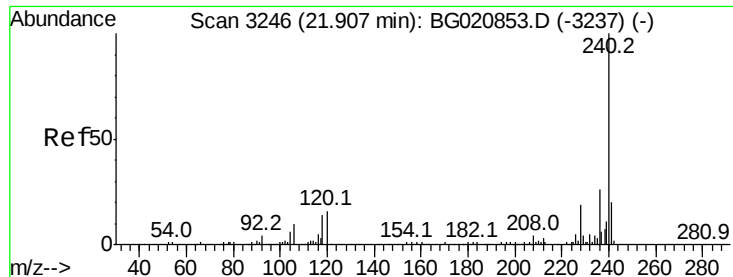


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3242

Delta R.T. -0.02 min

Lab File: BG020992.D

Acq: 20 Feb 2016 4:07

Instrument :

BNA_G

ClientSampleId :

EAST-COUNTER-WEIGHT-PIT

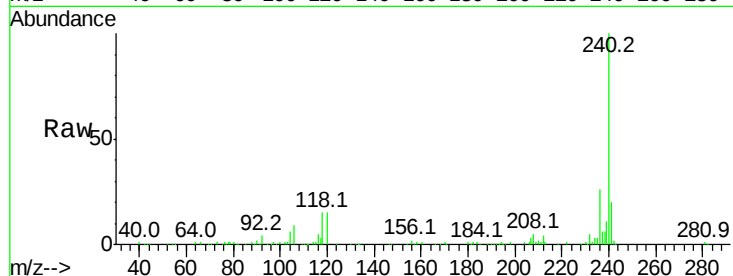
Tot Ion:240 Resp: 132004

Ion Ratio Lower Upper

240 100

120 15.1 13.0 19.4

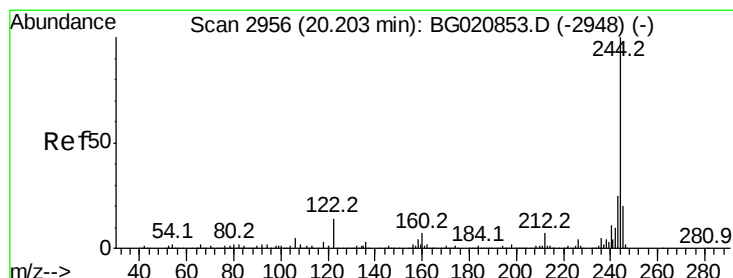
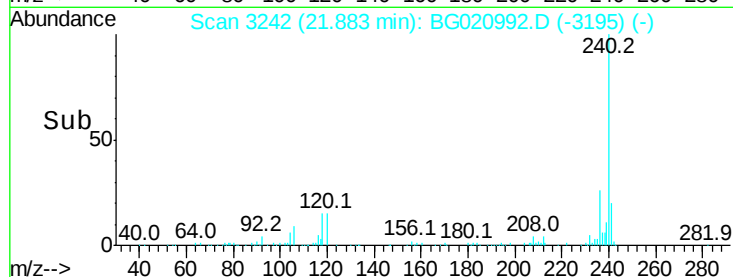
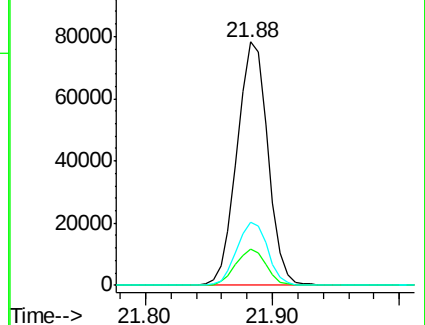
236 26.1 21.0 31.4



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: 79.20 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020992.D

Acq: 20 Feb 2016 4:07

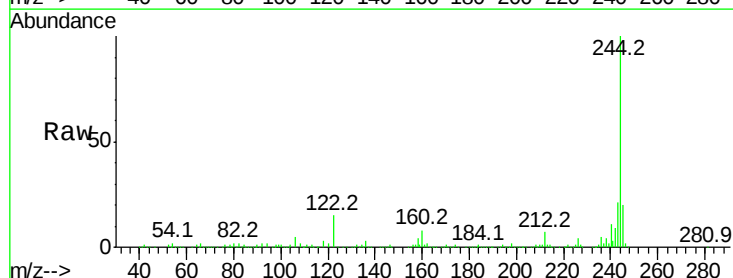
Tgt Ion:244 Resp: 448162

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

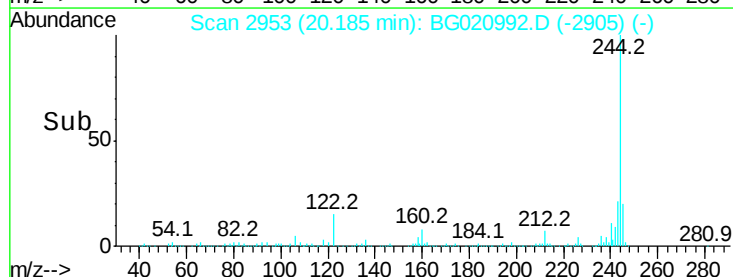
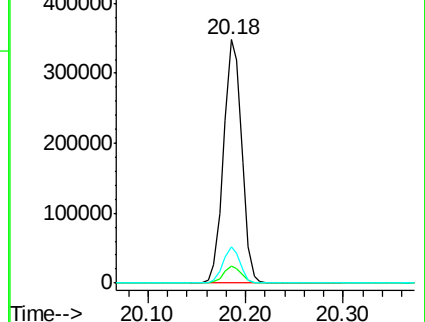
122 14.7 11.4 17.2

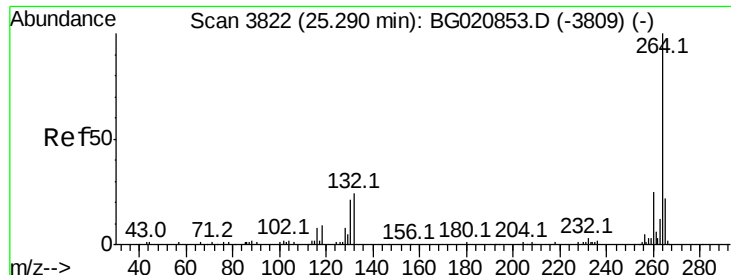


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

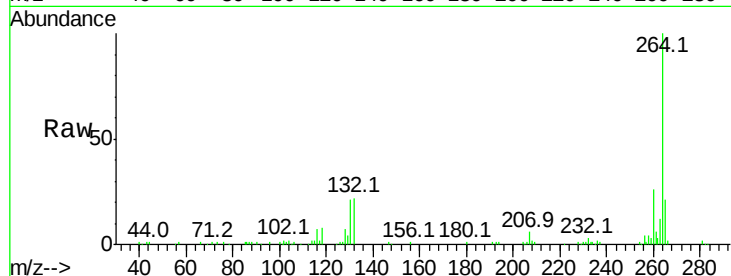




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3816
 Delta R.T. -0.04 min
 Lab File: BG020992.D
 Acq: 20 Feb 2016 4:07

Instrument :
 BNA_G
 ClientSampleId :
 EAST-COUNTER-WEIGHT-PIT

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.9	29.9
265	21.1	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

