

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020997.D
 Acq On : 20 Feb 2016 7:23
 Operator : SJ/UM
 Sample : H1520-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40053(0-2)

Quant Time: Feb 21 22:50:20 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

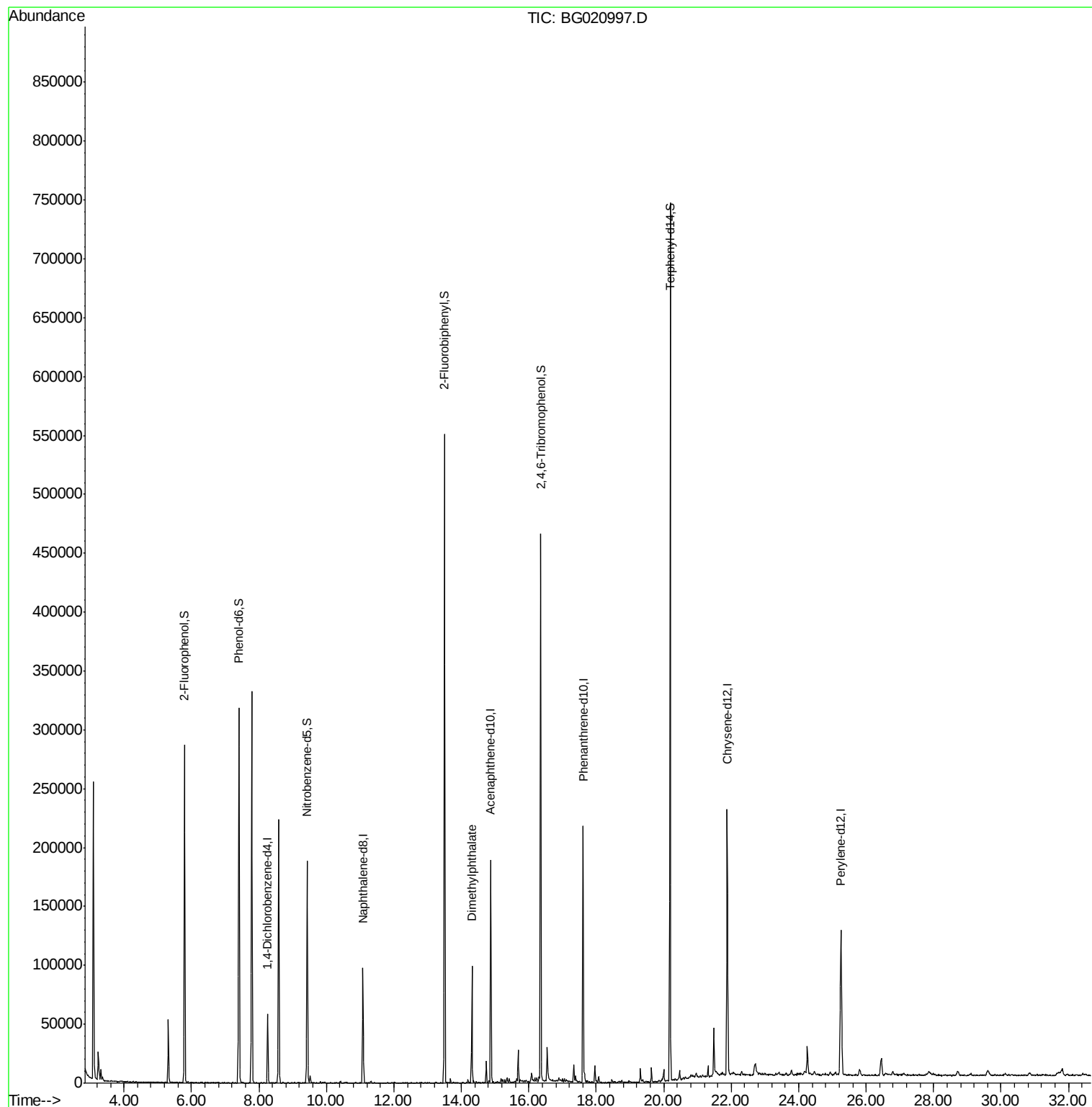
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19246	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	97847	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	66091	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	137399	20.00	ng	0.00
75) Chrysene-d12	21.89	240	129118	20.00	ng	-0.02
86) Perylene-d12	25.25	264	121646	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	164520	143.96	ng	0.00
7) Phenol-d6	7.41	99	238965	143.06	ng	0.00
23) Nitrobenzene-d5	9.43	82	127187	85.47	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	89314	137.42	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	301309	64.04	ng	-0.01
78) Terphenyl-d14	20.19	244	322219	58.22	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	73392	14.20	ng	98

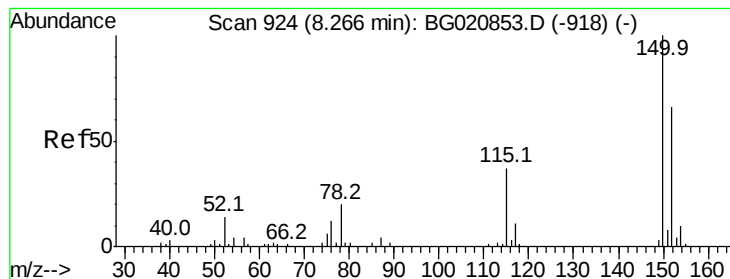
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
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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: BG020997.D

Acq: 20 Feb 2016 7:23

Instrument :

BNA_G

ClientSampleId :

40053(0-2)

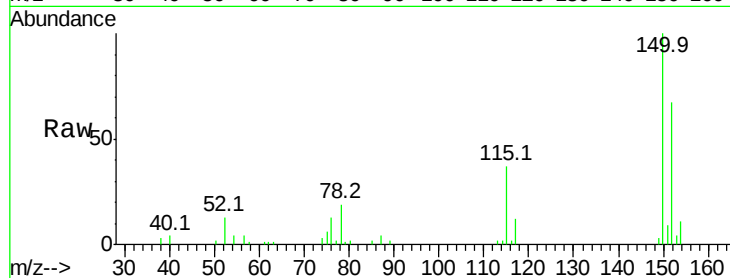
Tot Ion:152 Resp: 19246

Ion Ratio Lower Upper

152 100

150 149.9 122.0 183.0

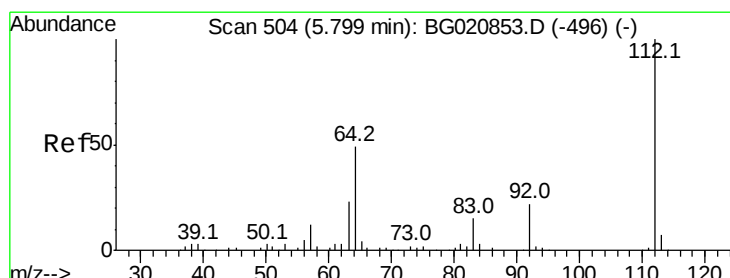
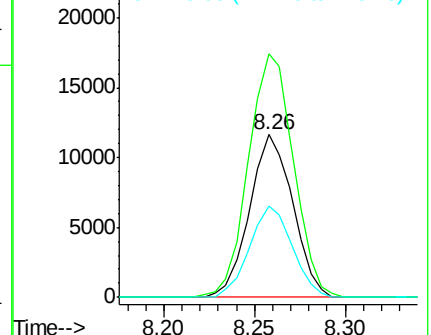
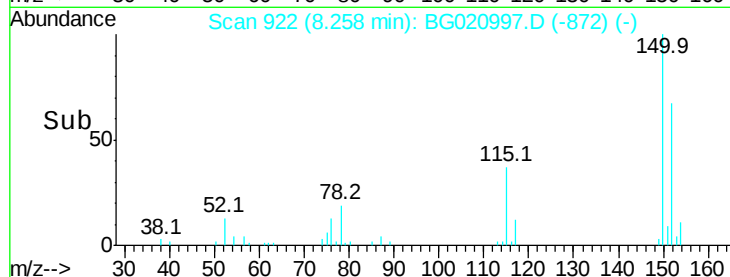
115 56.0 45.2 67.8



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: 143.96 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

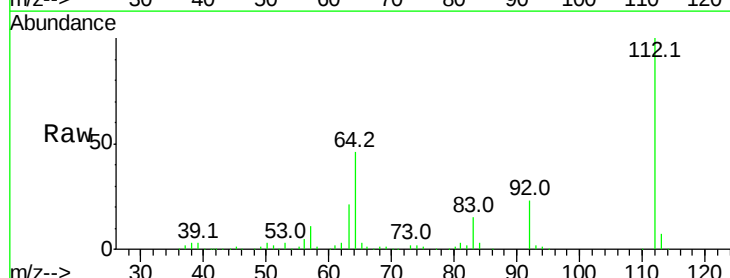
Tgt Ion:112 Resp: 164520

Ion Ratio Lower Upper

112 100

64 46.3 39.3 58.9

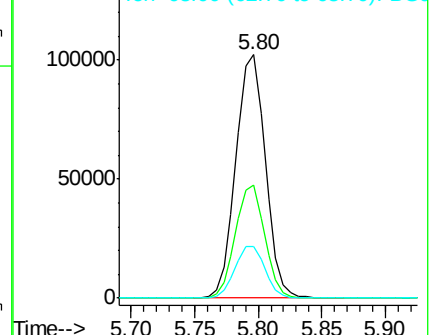
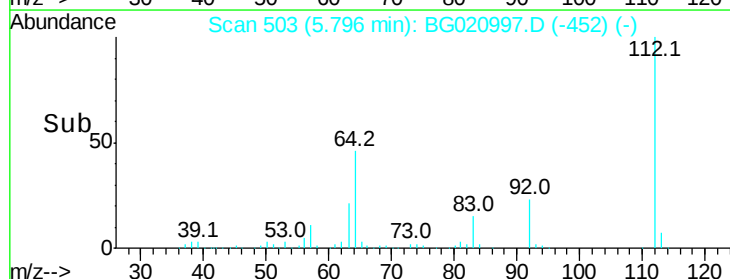
63 21.3 18.2 27.4

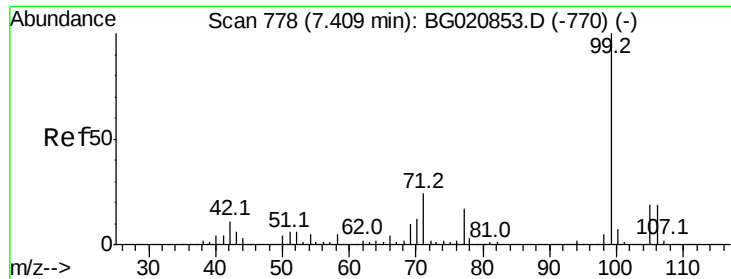


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.06 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

Instrument :

BNA_G

ClientSampleId :

40053(0-2)

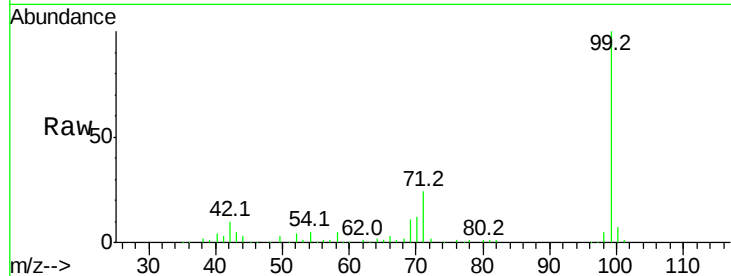
Tot Ion: 99 Resp: 238965

Ion Ratio Lower Upper

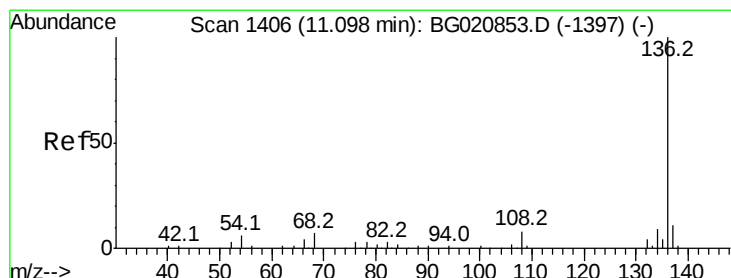
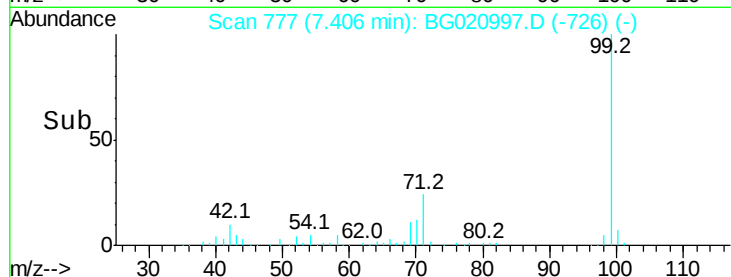
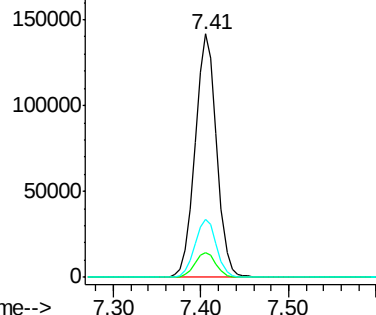
99 100

42 10.4 8.4 12.6

71 23.8 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: 11.08 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

Tgt Ion: 136 Resp: 97847

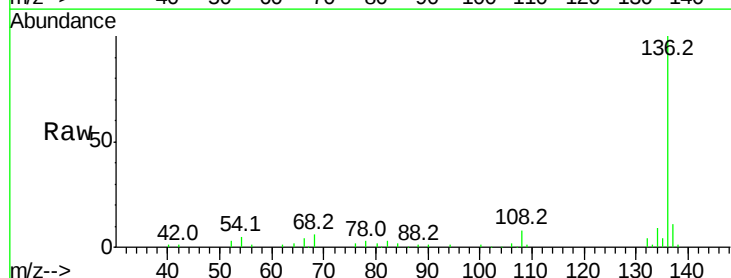
Ion Ratio Lower Upper

136 100

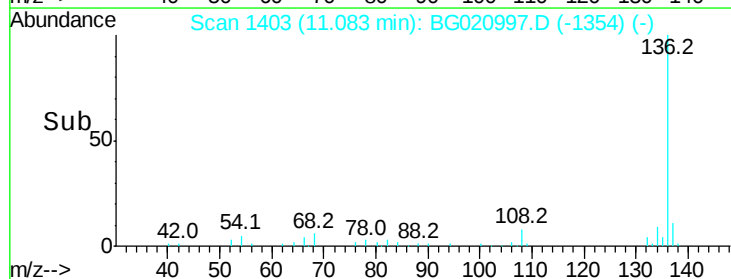
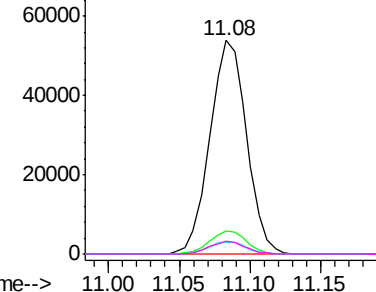
137 10.8 8.8 13.2

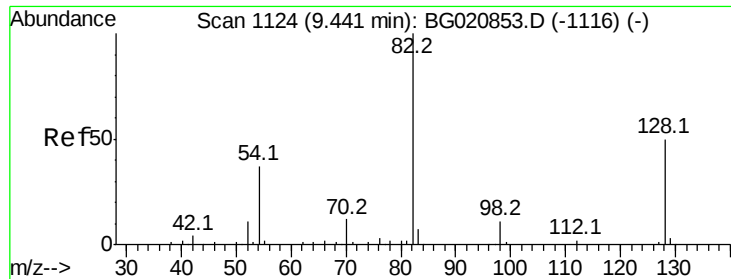
54 5.3 5.0 7.4

68 6.3 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

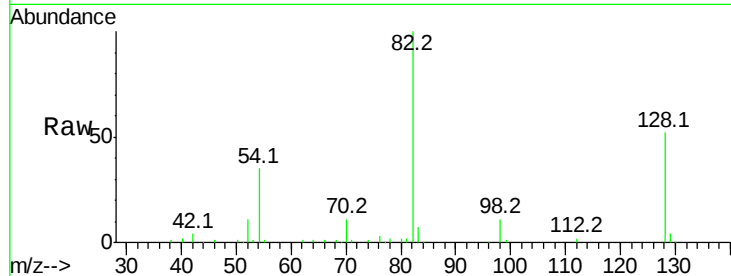




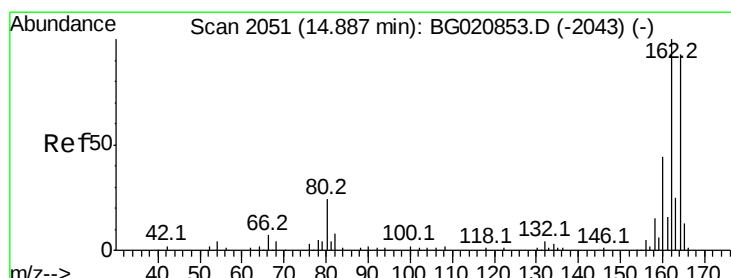
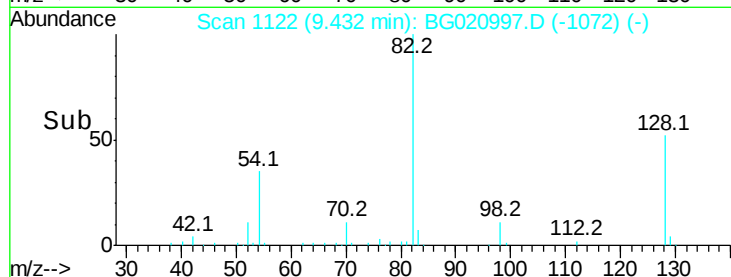
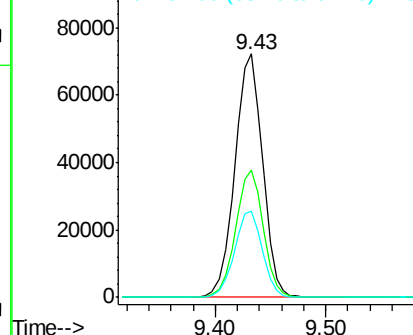
#23
 Nitrobenzene-d5
 Concen: 85.47 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020997.D
 Acq: 20 Feb 2016 7:23

Instrument :
 BNA_G
 ClientSampleID :
 40053(0-2)

Tot Ion	82	Resp	127187
Ion Ratio	100	Lower	Upper
128	52.1	40.1	60.1
54	35.3	29.5	44.3

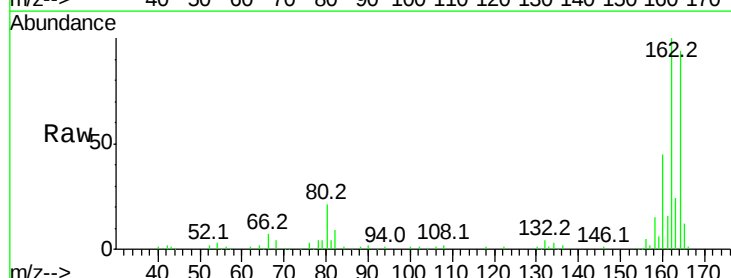


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

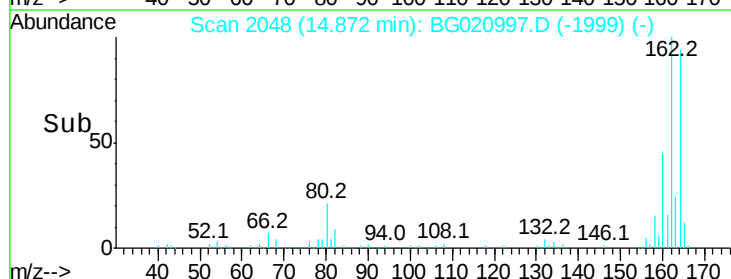
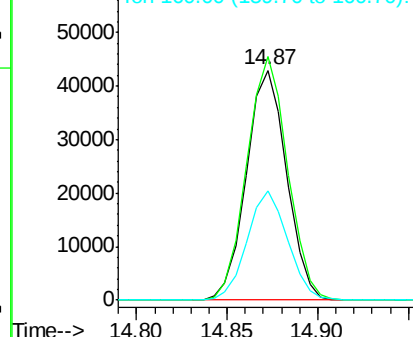


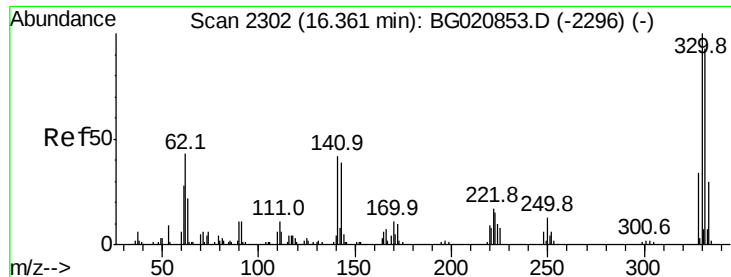
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BG020997.D
 Acq: 20 Feb 2016 7:23

Tgt Ion	164	Resp	66091
Ion Ratio	100	Lower	Upper
162	106.1	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: 137.42 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

Instrument :

BNA_G

ClientSampleId :

40053(0-2)

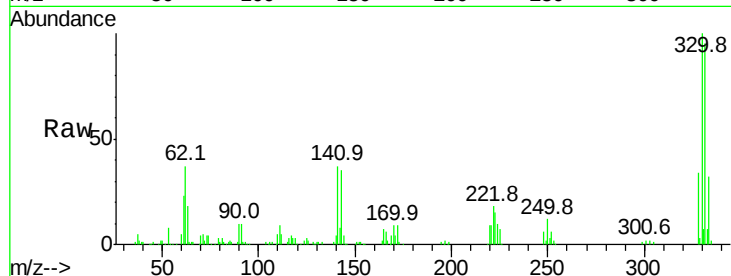
Tot Ion:330 Resp: 89314

Ion Ratio Lower Upper

330 100

332 95.4 76.1 114.1

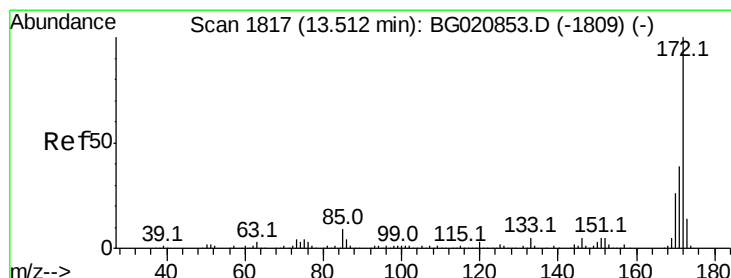
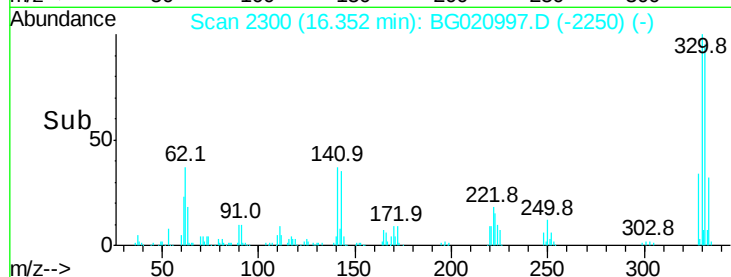
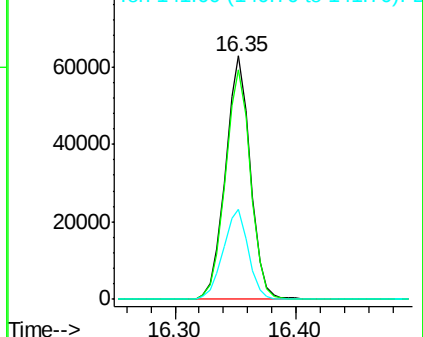
141 37.4 32.0 48.0



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: 64.04 ng

RT: 13.50 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

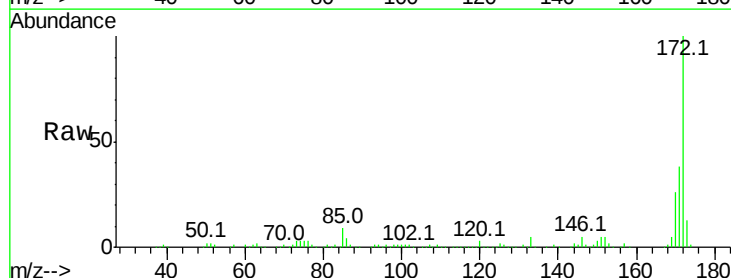
Tgt Ion:172 Resp: 301309

Ion Ratio Lower Upper

172 100

171 38.3 31.2 46.8

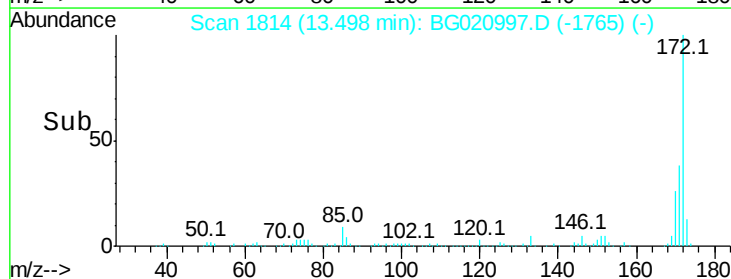
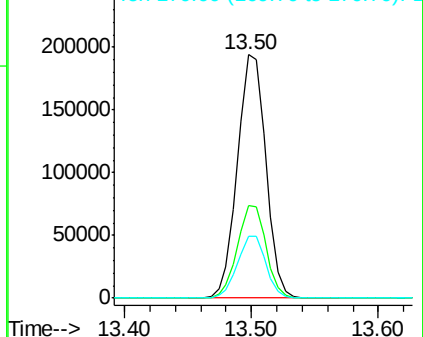
170 25.5 20.6 30.8

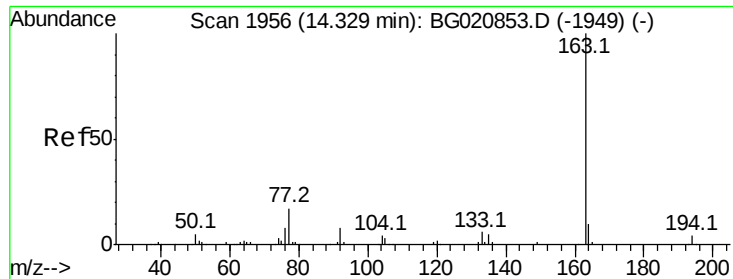


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 14.20 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

Instrument :

BNA_G

ClientSampleId :

40053(0-2)

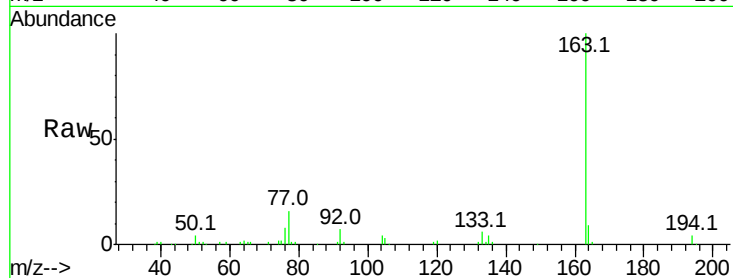
Tot Ion:163 Resp: 73392

Ion Ratio Lower Upper

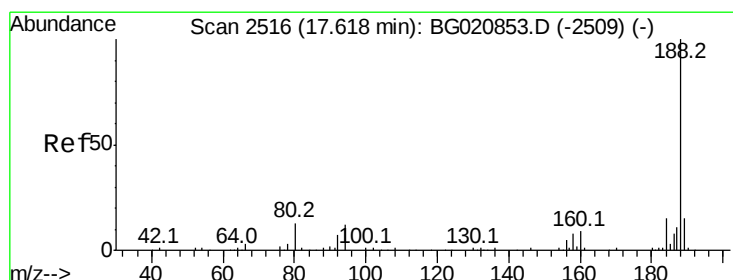
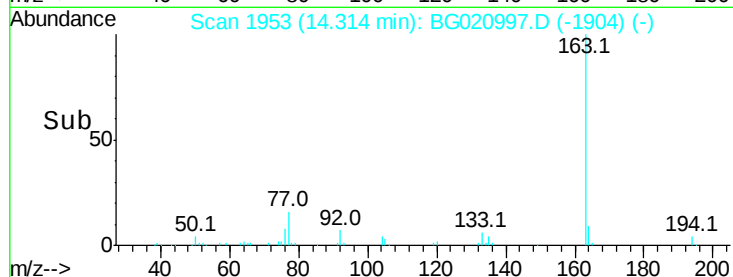
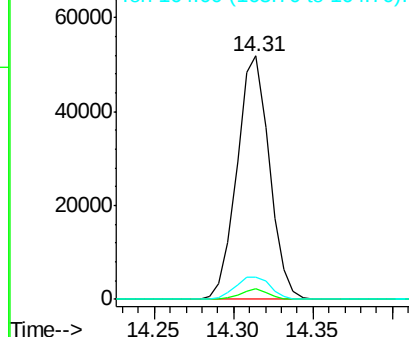
163 100

194 4.2 3.1 4.7

164 9.2 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: BG020997.D

Acq: 20 Feb 2016 7:23

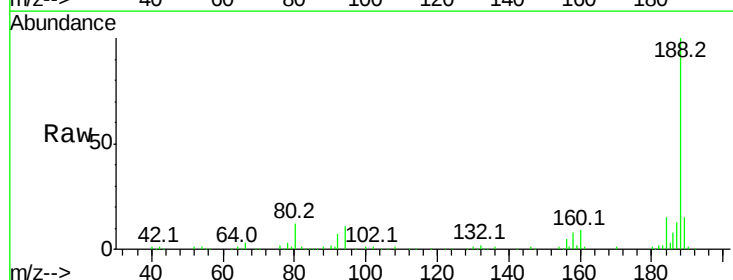
Tgt Ion:188 Resp: 137399

Ion Ratio Lower Upper

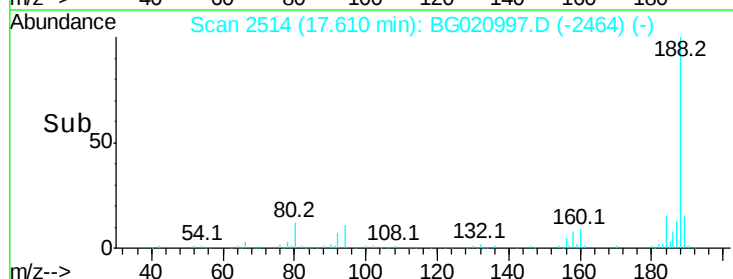
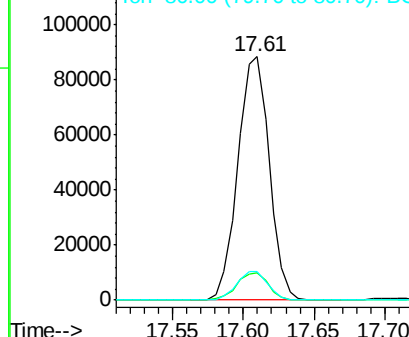
188 100

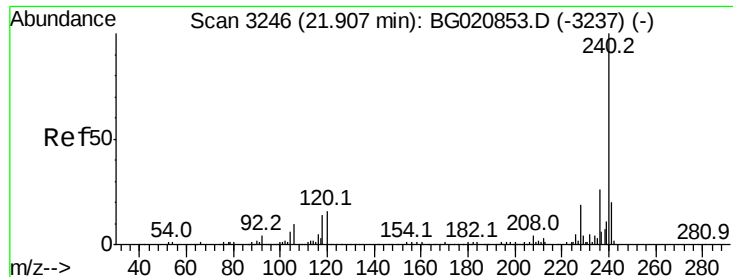
94 11.3 9.4 14.0

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: 21.89 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

Instrument :

BNA_G

ClientSampleId :

40053(0-2)

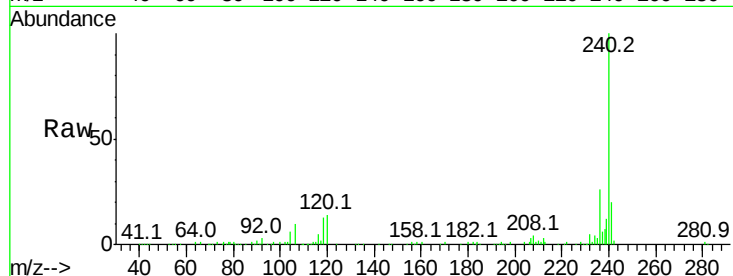
Tot Ion:240 Resp: 129118

Ion Ratio Lower Upper

240 100

120 14.3 13.0 19.4

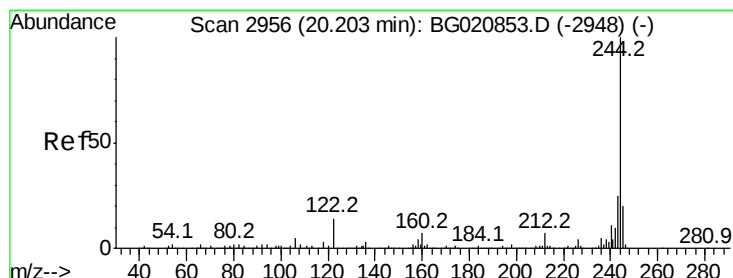
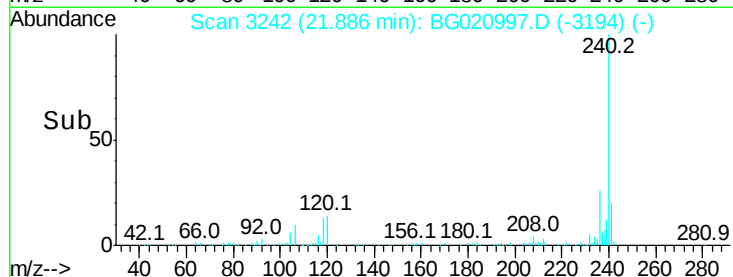
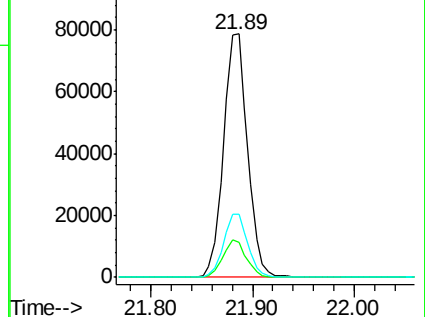
236 25.8 21.0 31.4



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: 58.22 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

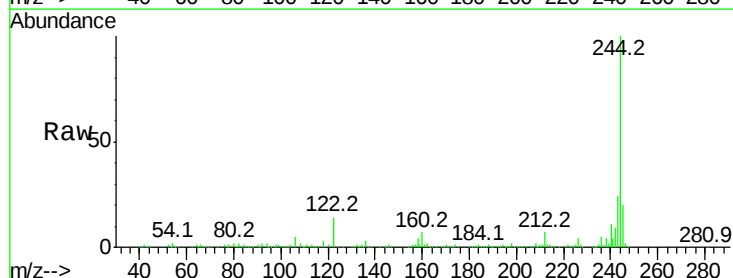
Tgt Ion:244 Resp: 322219

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

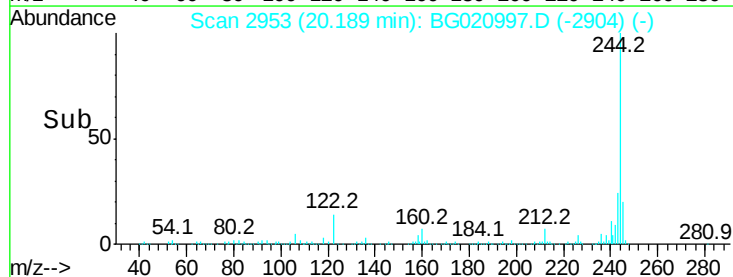
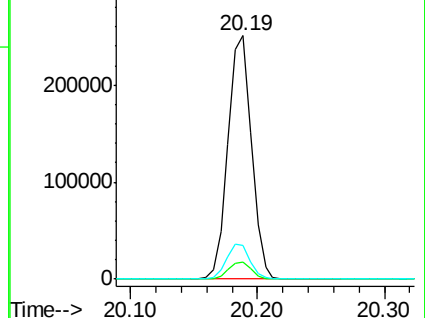
122 13.6 11.4 17.2

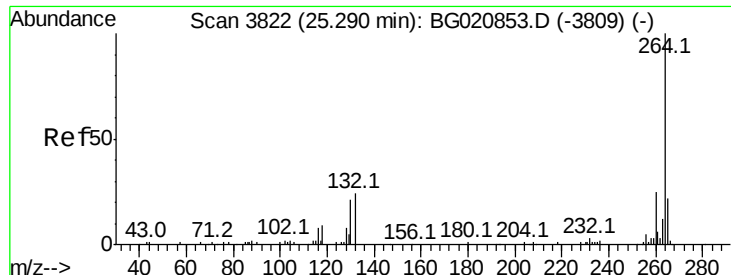


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG020997.D

Acq: 20 Feb 2016 7:23

Instrument :

BNA_G

ClientSampleId :

40053(0-2)

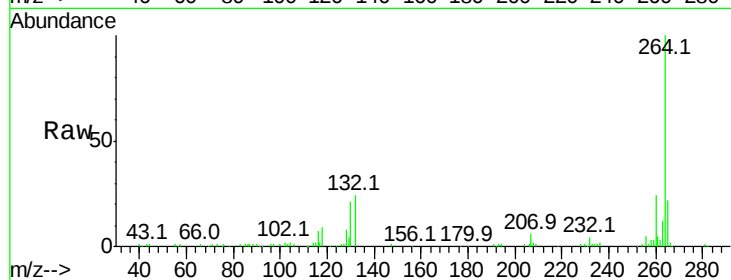
Tot Ion:264 Resp: 121646

Ion Ratio Lower Upper

264 100

260 23.7 19.9 29.9

265 21.5 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

