

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020994.D
 Acq On : 20 Feb 2016 5:26
 Operator : SJ/UM
 Sample : H1520-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)

Quant Time: Feb 21 22:48:50 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

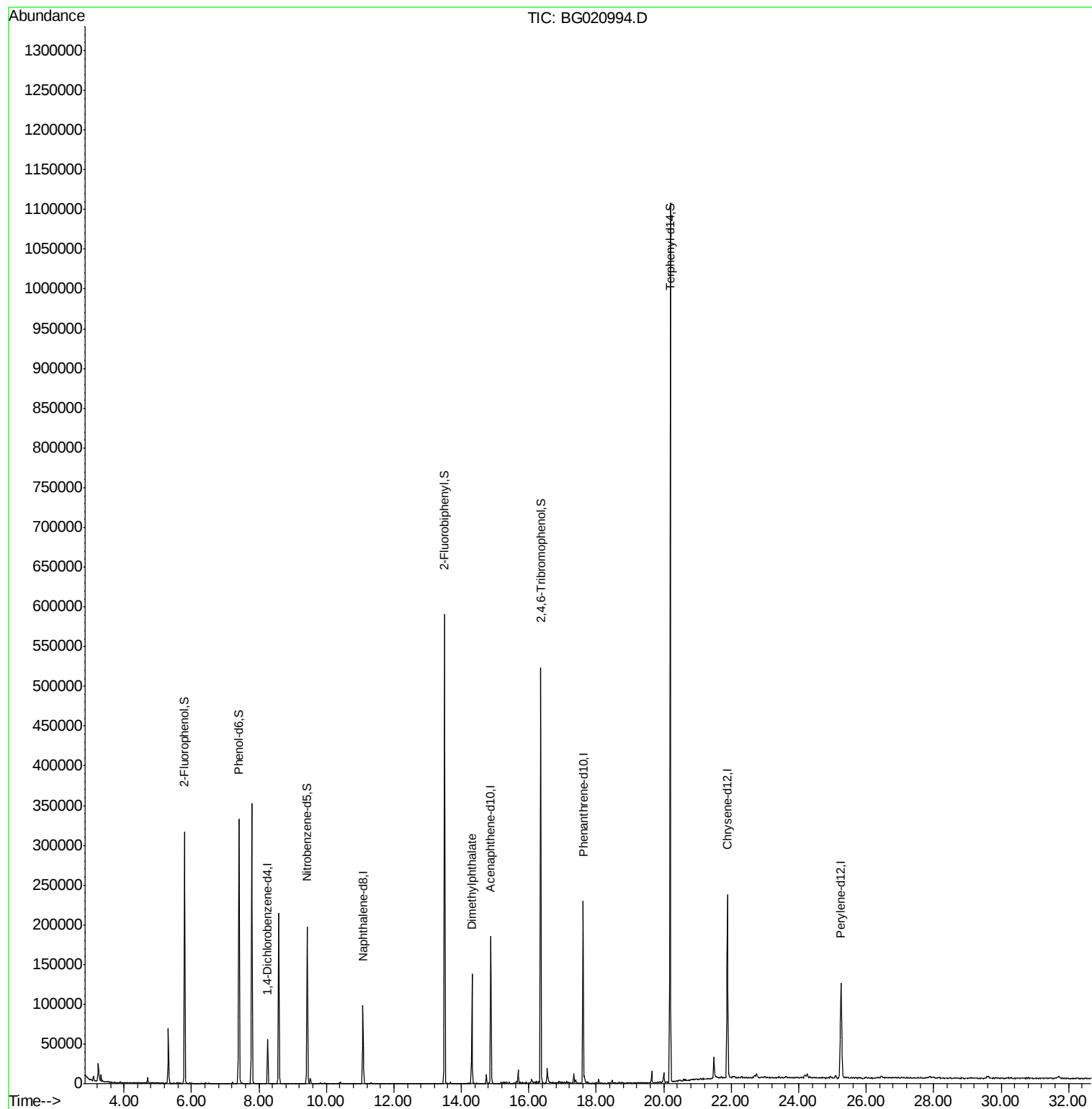
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	18379	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	95415	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	65240	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	138281	20.00	ng	0.00
75) Chrysene-d12	21.89	240	130999	20.00	ng	-0.02
86) Perylene-d12	25.25	264	121370	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	174433	159.83	ng	0.00
7) Phenol-d6	7.40	99	256534	160.82	ng	0.00
23) Nitrobenzene-d5	9.43	82	135650	93.48	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	101620	158.39	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	318996	68.68	ng	0.00
78) Terphenyl-d14	20.19	244	458550	81.66	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	100973	19.79	ng	100

(#) = 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# 922

Delta R.T. -0.01 min

Lab File: BG020994.D

Acq: 20 Feb 2016 5:26

Instrument :

BNA_G

ClientSampleId :

40054(0-2)

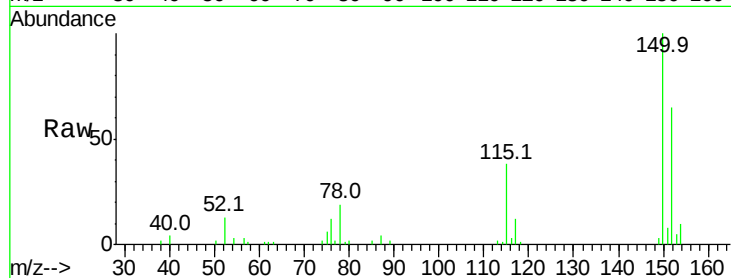
Tot Ion:152 Resp: 18379

Ion Ratio Lower Upper

152 100

150 155.0 122.0 183.0

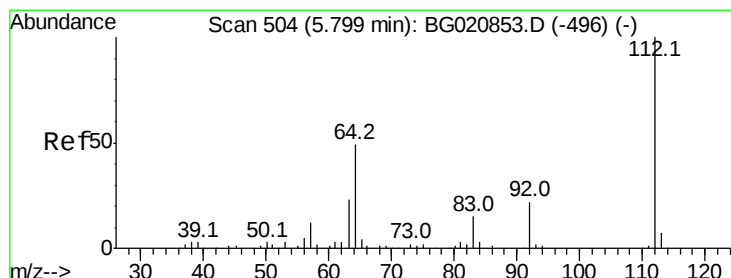
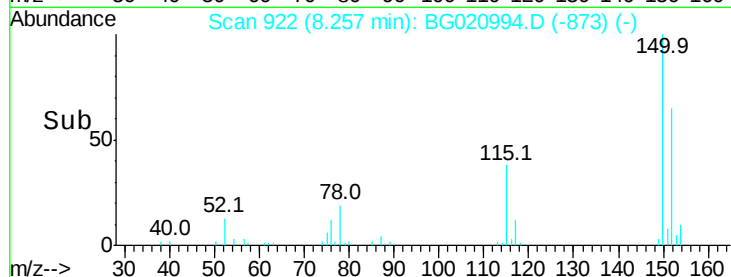
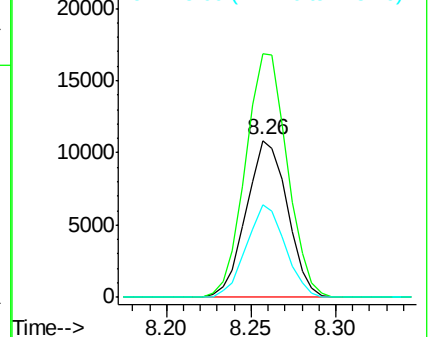
115 58.7 45.2 67.8



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: 159.83 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG020994.D

Acq: 20 Feb 2016 5:26

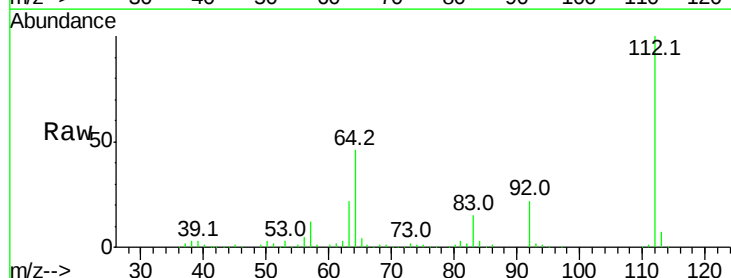
Tgt Ion:112 Resp: 174433

Ion Ratio Lower Upper

112 100

64 46.5 39.3 58.9

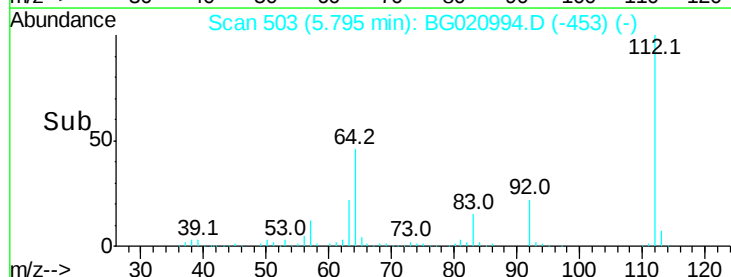
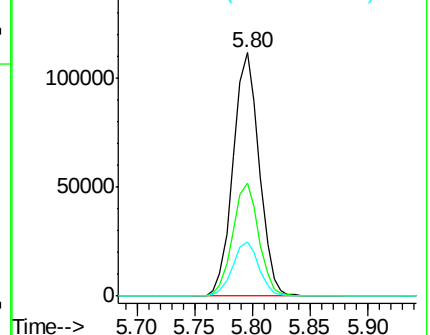
63 22.2 18.2 27.4



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: 160.82 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020994.D

Acq: 20 Feb 2016 5:26

Instrument :

BNA_G

ClientSampleId :

40054(0-2)

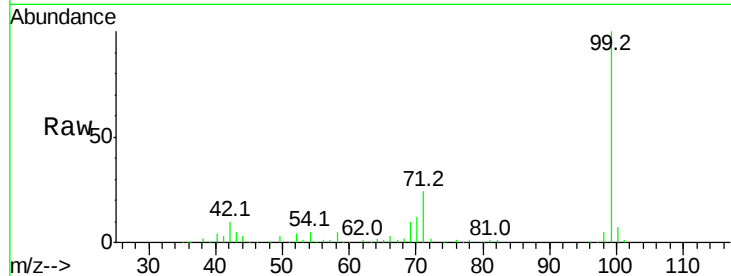
Tot Ion: 99 Resp: 256534

Ion Ratio Lower Upper

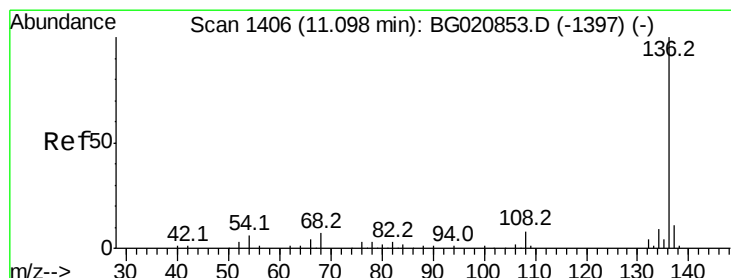
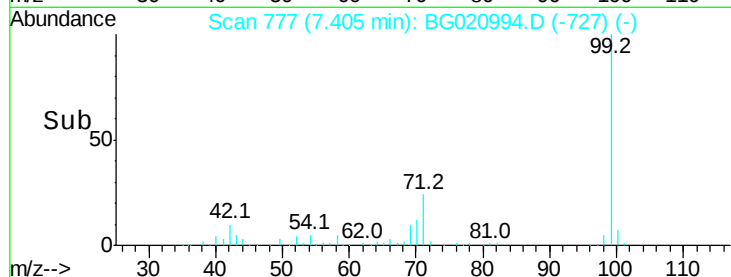
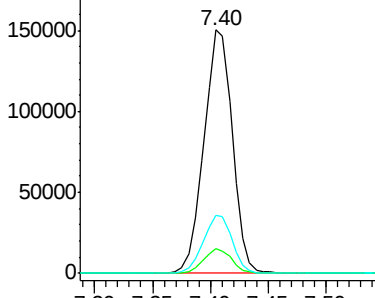
99 100

42 10.0 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. -0.02 min

Lab File: BG020994.D

Acq: 20 Feb 2016 5:26

Tgt Ion: 136 Resp: 95415

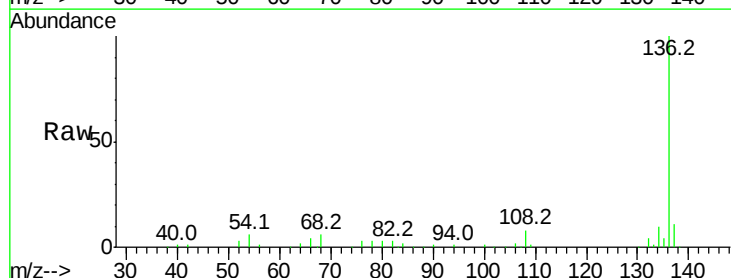
Ion Ratio Lower Upper

136 100

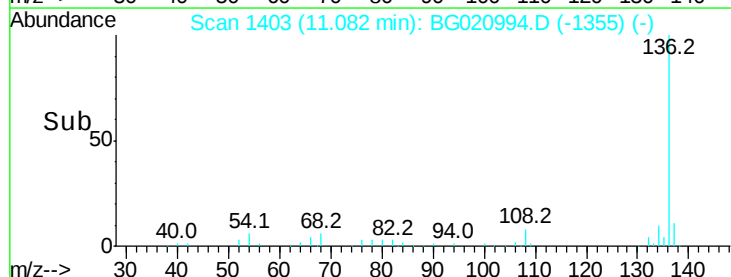
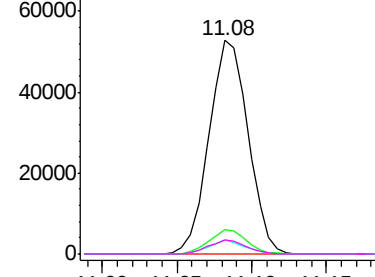
137 11.4 8.8 13.2

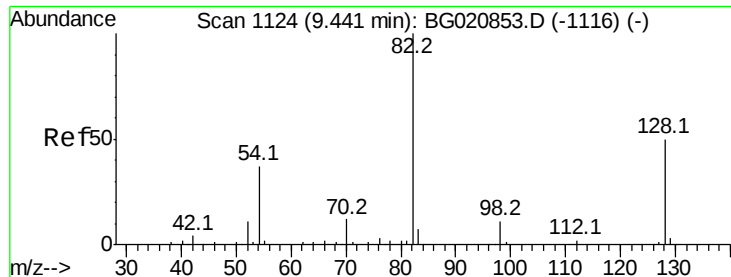
54 6.4 5.0 7.4

68 6.5 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

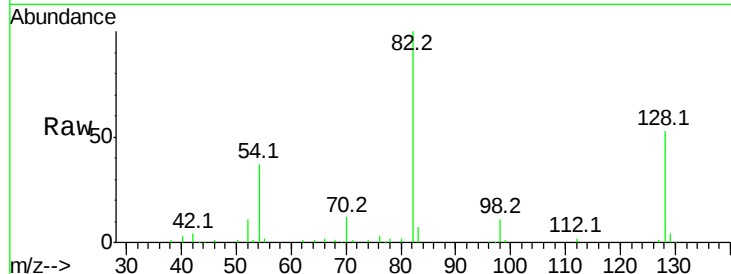




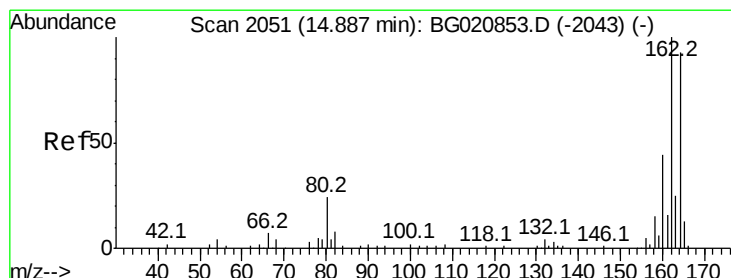
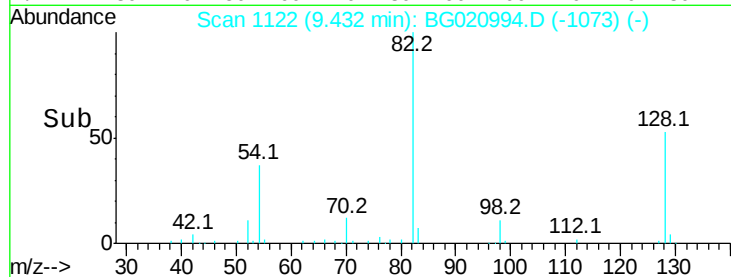
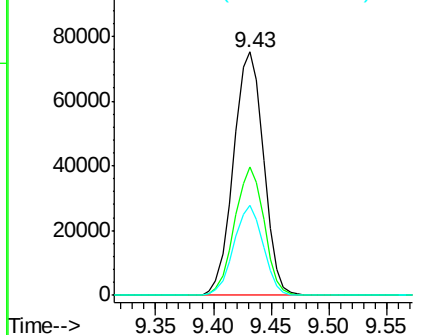
#23
 Nitrobenzene-d5
 Concen: 93.48 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020994.D
 Acq: 20 Feb 2016 5:26

Instrument :
 BNA_G
 ClientSampleID :
 40054(0-2)

Tot Ion	82	Resp	135650
Ion Ratio	100	Lower	Upper
128	52.5	40.1	60.1
54	36.7	29.5	44.3

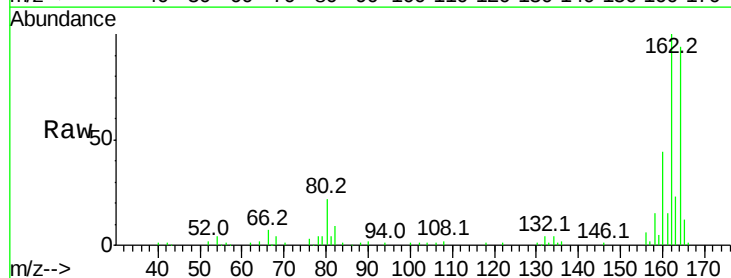


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

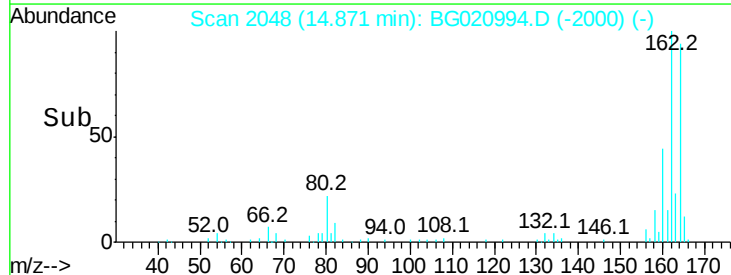
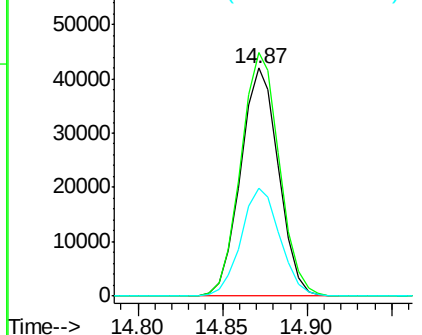


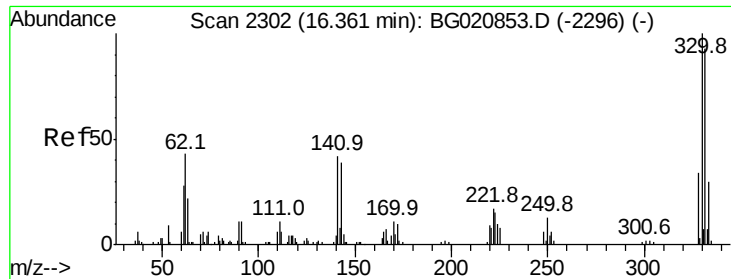
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020994.D
 Acq: 20 Feb 2016 5:26

Tgt Ion	164	Resp	65240
Ion Ratio	100	Lower	Upper
162	106.9	85.7	128.5
160	47.3	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

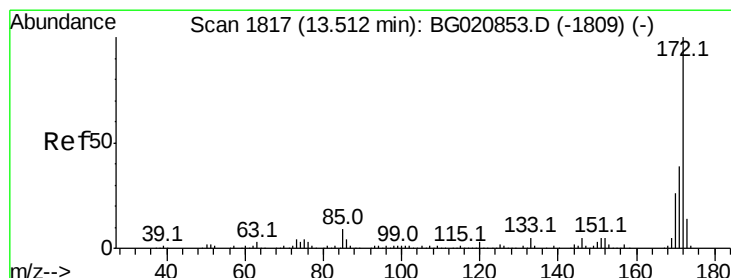
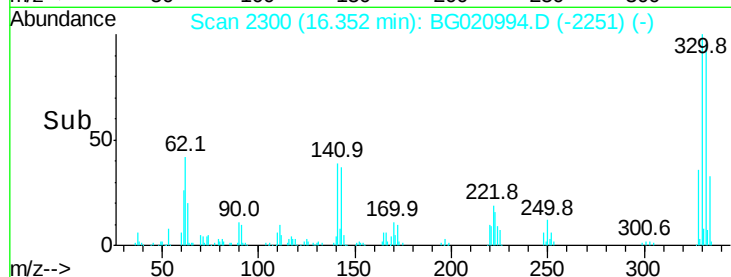
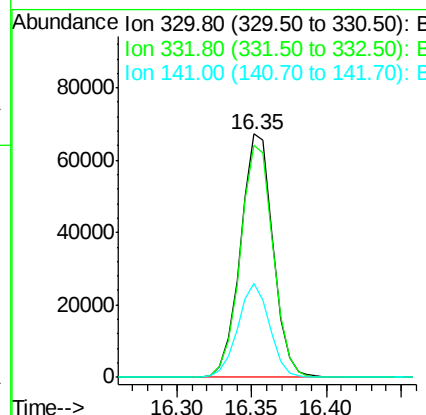
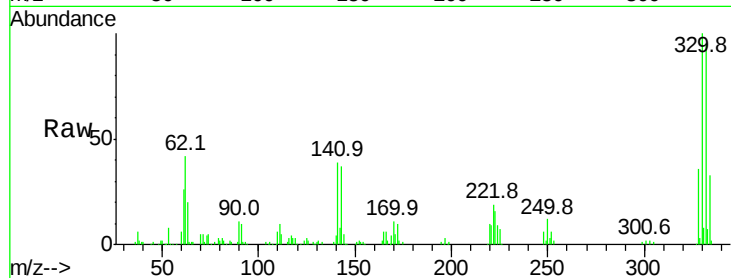




#41
 2,4,6-Tribromophenol
 Concen: 158.39 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020994.D
 Acq: 20 Feb 2016 5:26

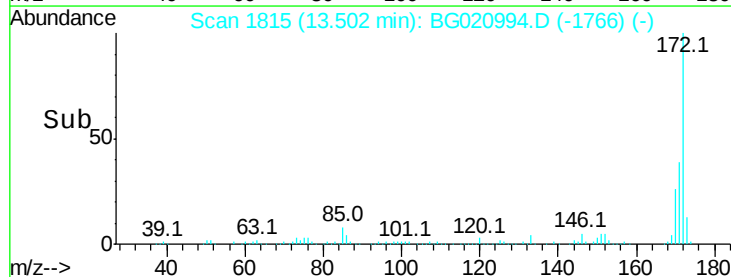
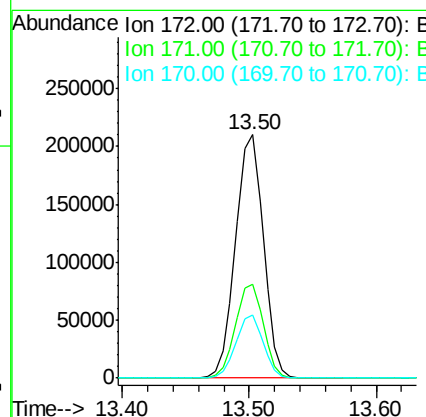
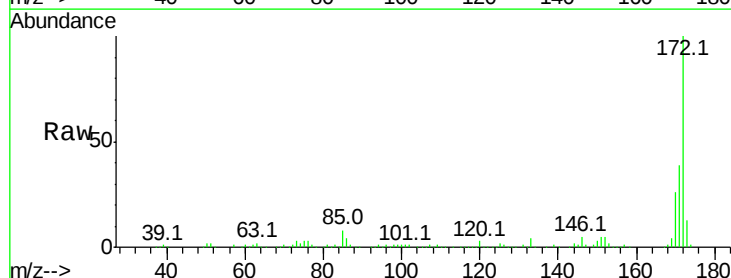
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)

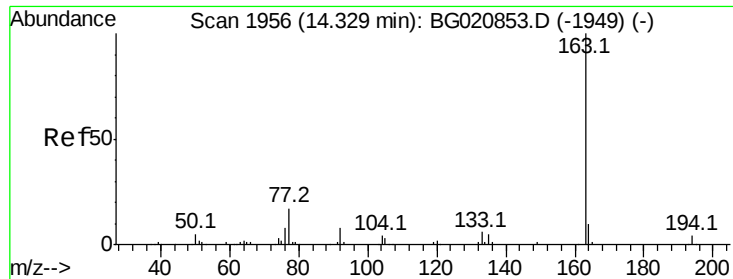
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.1	114.1
141	37.9	32.0	48.0



#44
 2-Fluorobiphenyl
 Concen: 68.68 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020994.D
 Acq: 20 Feb 2016 5:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.2	46.8
170	26.1	20.6	30.8





#49

Dimethylphthalate

Concen: 19.79 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020994.D

Acq: 20 Feb 2016 5:26

Instrument :

BNA_G

ClientSampleId :

40054(0-2)

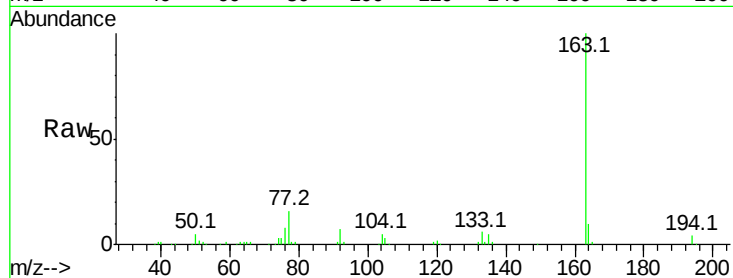
Tot Ion:163 Resp: 100973

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

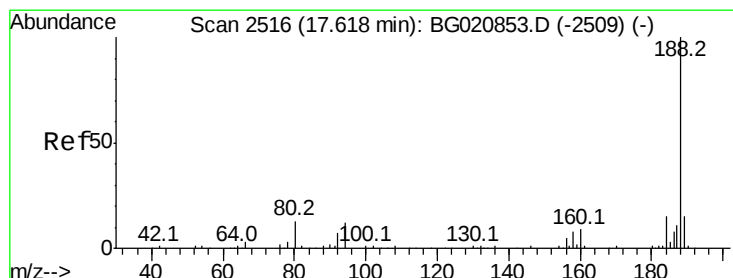
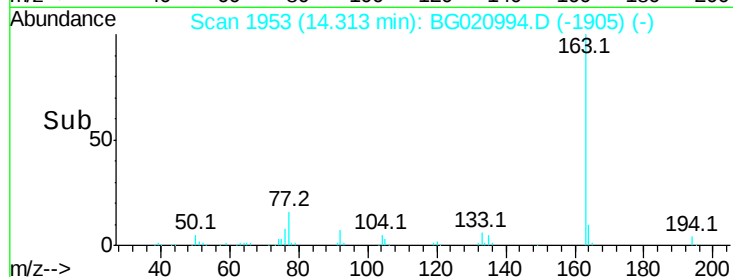
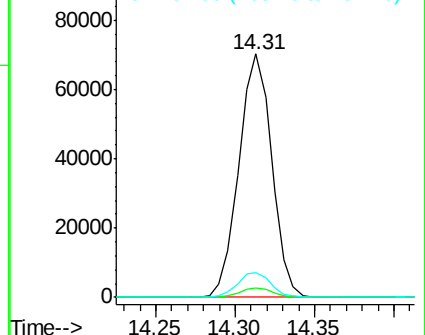
164 10.4 8.3 12.5



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: BG020994.D

Acq: 20 Feb 2016 5:26

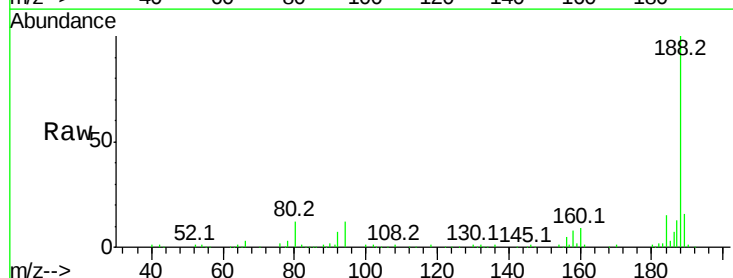
Tgt Ion:188 Resp: 138281

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.0

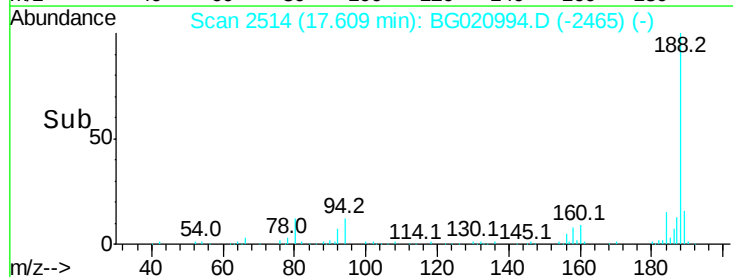
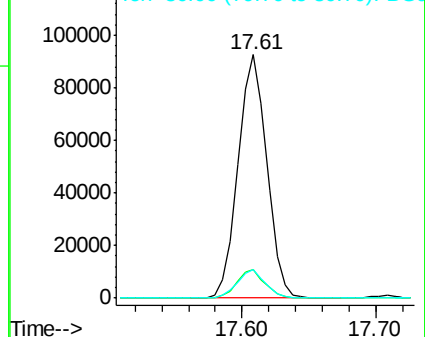
80 12.0 10.2 15.4

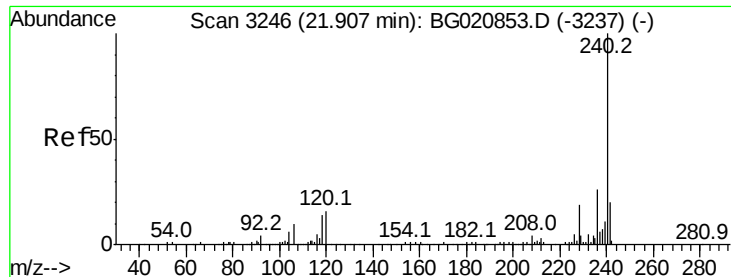


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

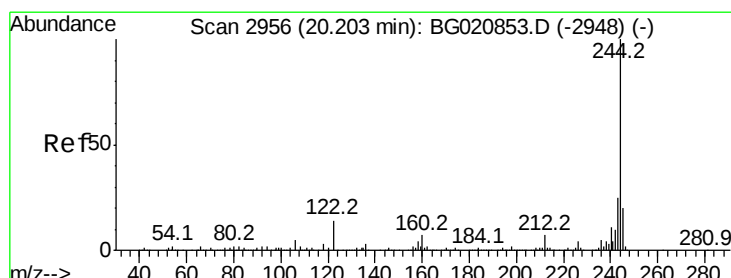
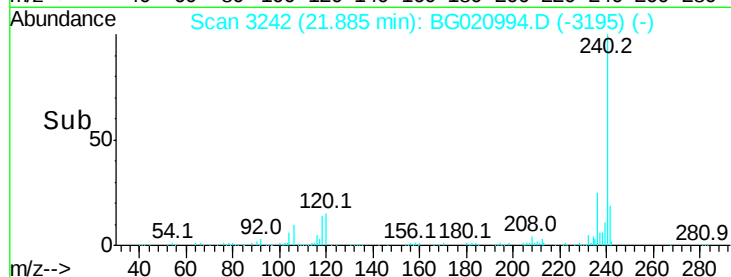
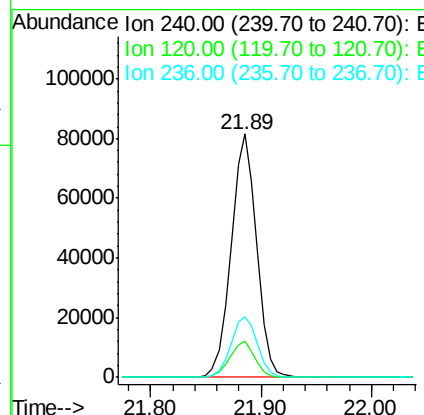
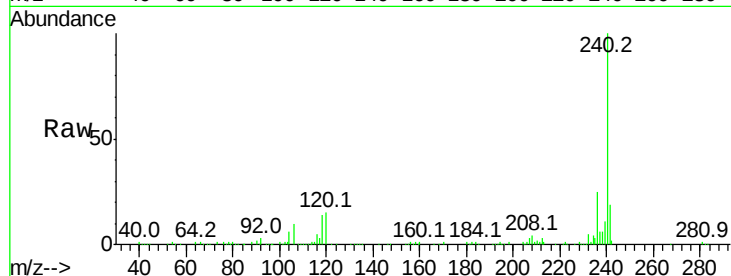




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3242
 Delta R.T. -0.02 min
 Lab File: BG020994.D
 Acq: 20 Feb 2016 5:26

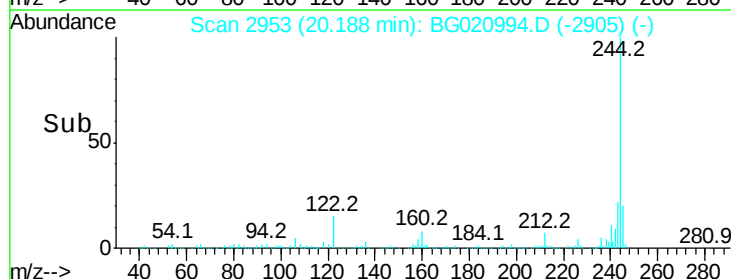
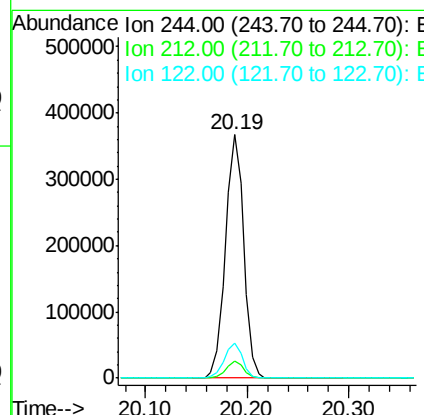
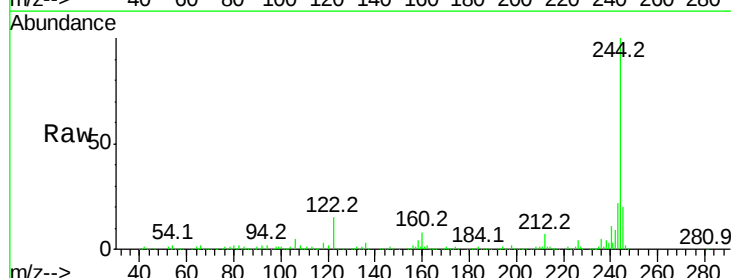
Instrument :
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 40054(0-2)

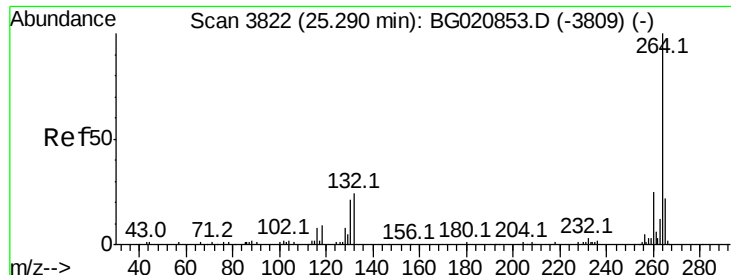
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	13.0	19.4
236	24.9	21.0	31.4



#78
 Terphenyl-d14
 Concen: 81.66 ng
 RT: 20.19 min Scan# 2953
 Delta R.T. -0.02 min
 Lab File: BG020994.D
 Acq: 20 Feb 2016 5:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	14.5	11.4	17.2





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG020994.D

Acq: 20 Feb 2016 5:26

Instrument :

BNA_G

ClientSampleId :

40054(0-2)

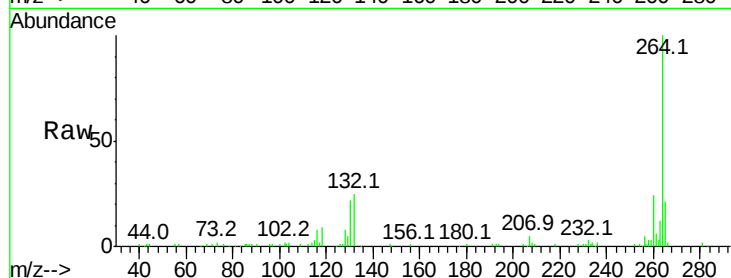
Tot Ion:264 Resp: 121370

Ion Ratio Lower Upper

264 100

260 24.0 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

