

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020999.D
 Acq On : 20 Feb 2016 8:42
 Operator : SJ/UM
 Sample : H1520-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40050(0-2)

Quant Time: Feb 21 22:50:45 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

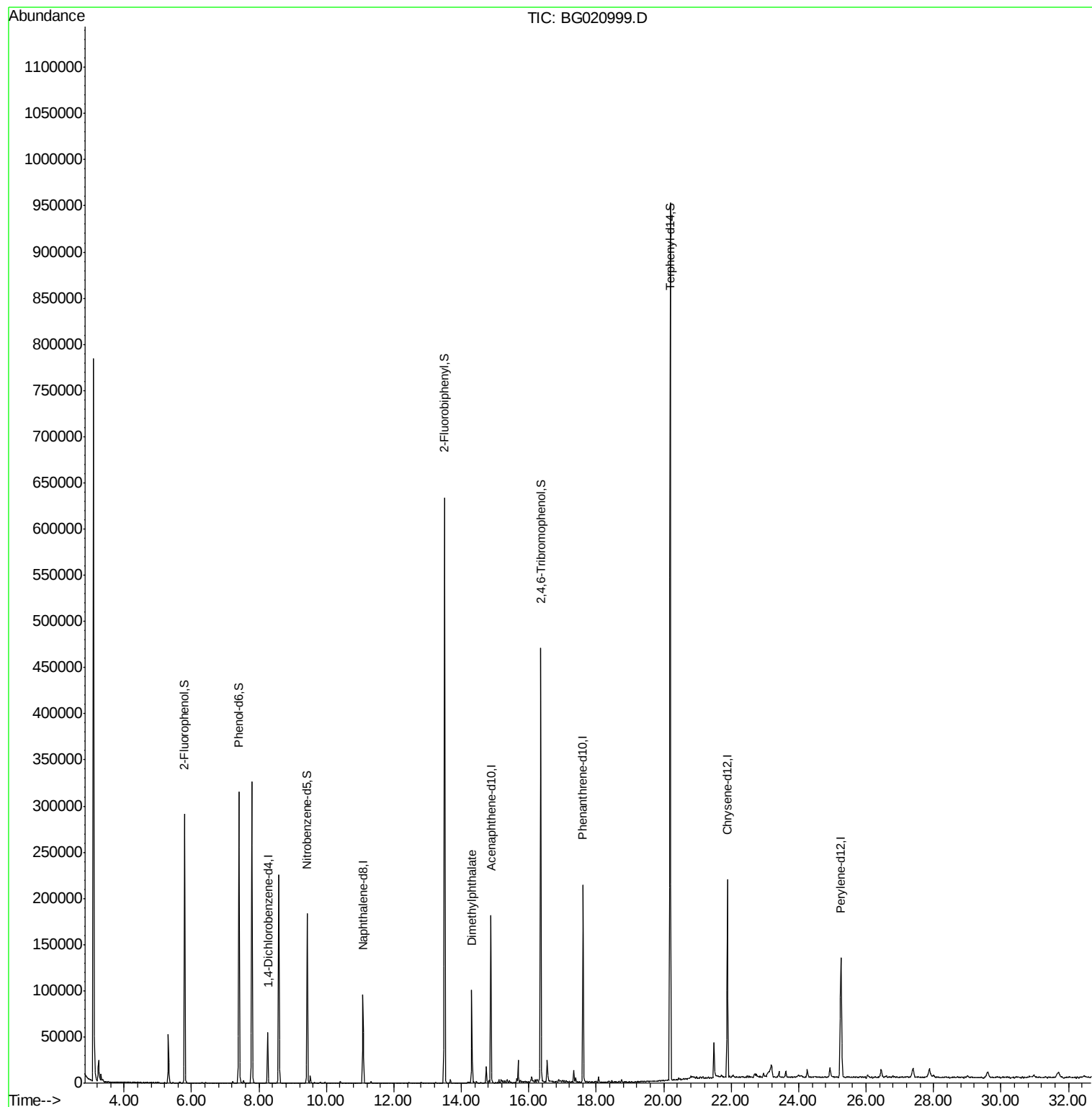
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	18104	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	93482	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	62867	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	133804	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	128700	20.00	ng	-0.02
86) Perylene-d12	25.25	264	120386	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	164209	152.75	ng	0.00
7) Phenol-d6	7.41	99	237770	151.32	ng	0.00
23) Nitrobenzene-d5	9.43	82	123128	86.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	94196	152.36	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	332825	74.37	ng	-0.01
78) Terphenyl-d14	20.19	244	415310	75.28	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.31	163	72830	14.82	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: BG020999.D

Acq: 20 Feb 2016 8:42

Instrument :

BNA_G

ClientSampleId :

40050(0-2)

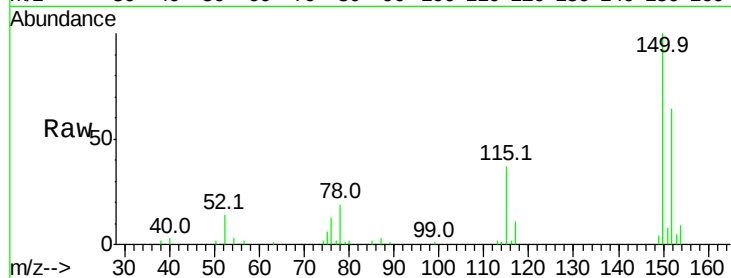
Tot Ion:152 Resp: 18104

Ion Ratio Lower Upper

152 100

150 155.9 122.0 183.0

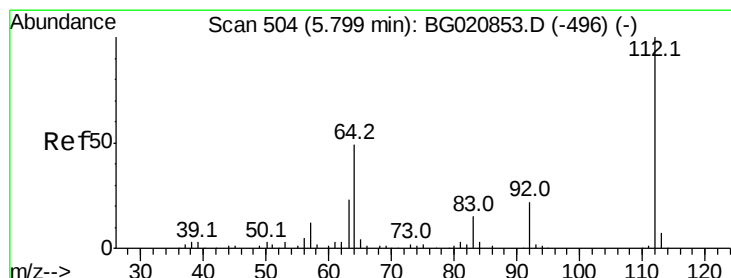
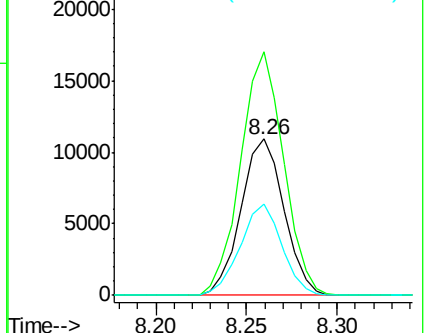
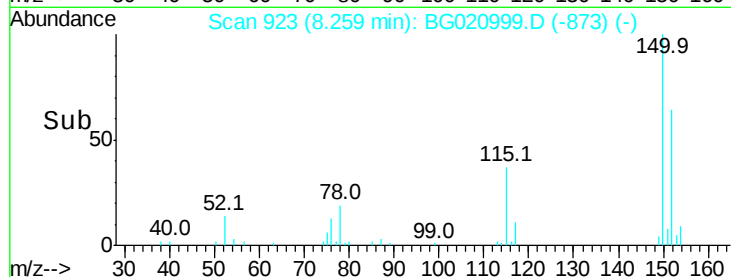
115 58.1 45.2 67.8



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: 152.75 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020999.D

Acq: 20 Feb 2016 8:42

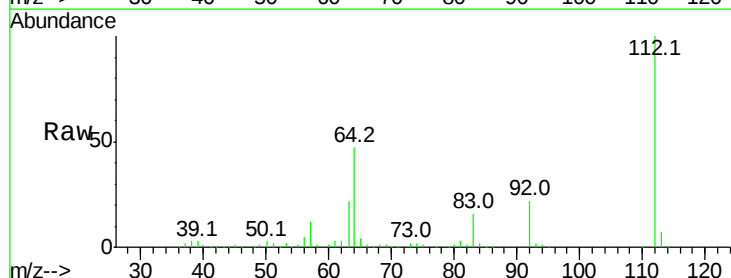
Tgt Ion:112 Resp: 164209

Ion Ratio Lower Upper

112 100

64 47.0 39.3 58.9

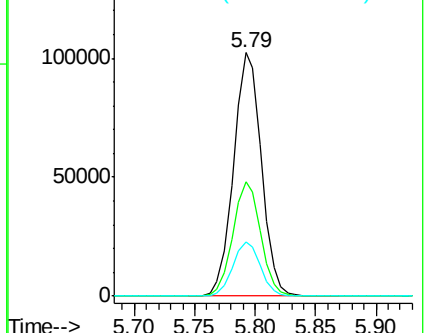
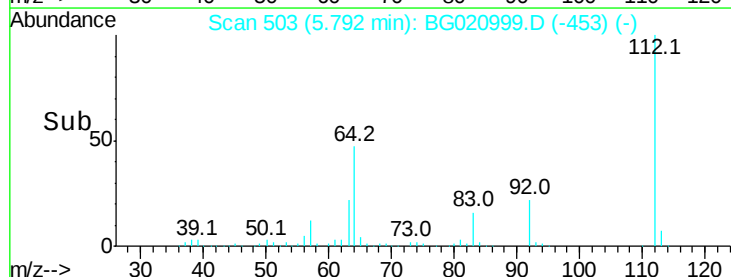
63 22.4 18.2 27.4



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: 151.32 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020999.D

Acq: 20 Feb 2016 8:42

Instrument :

BNA_G

ClientSampleId :

40050(0-2)

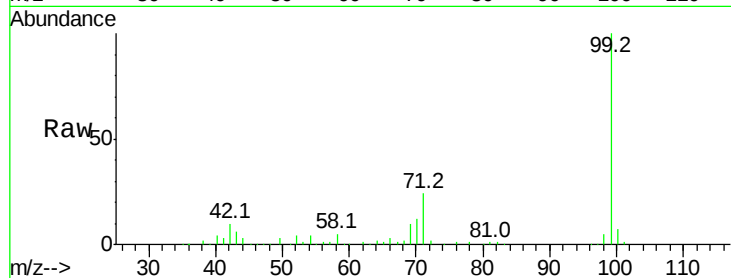
Tot Ion: 99 Resp: 237770

Ion Ratio Lower Upper

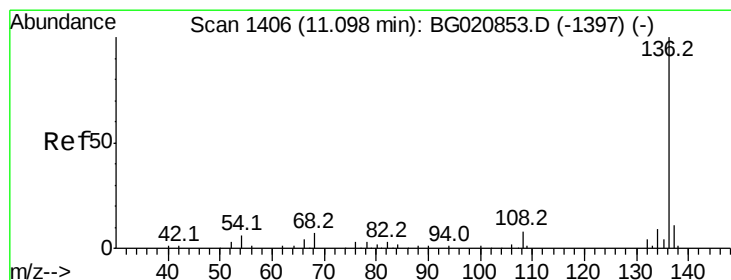
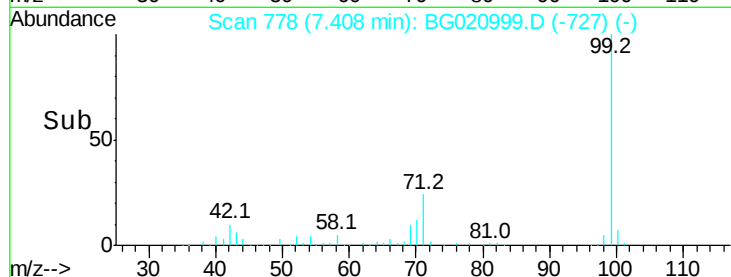
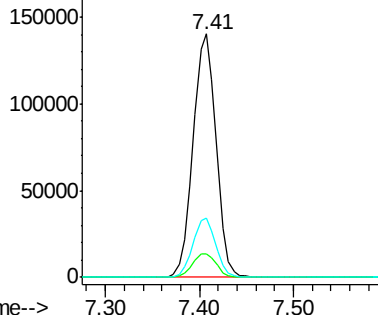
99 100

42 9.8 8.4 12.6

71 24.4 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# 1404

Delta R.T. -0.01 min

Lab File: BG020999.D

Acq: 20 Feb 2016 8:42

Tgt Ion: 136 Resp: 93482

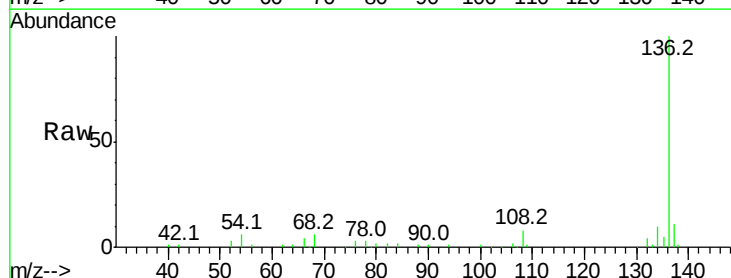
Ion Ratio Lower Upper

136 100

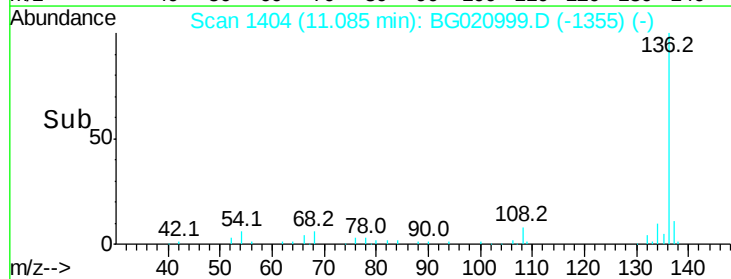
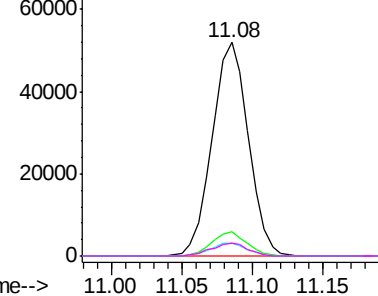
137 11.3 8.8 13.2

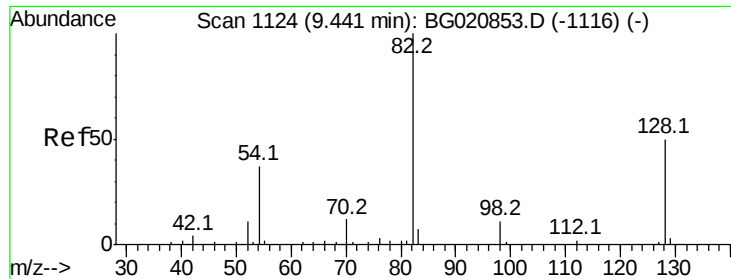
54 5.8 5.0 7.4

68 6.0 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

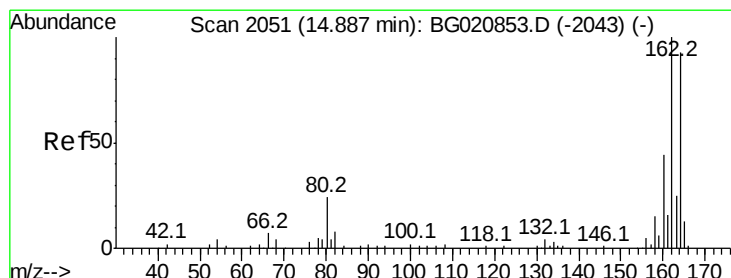
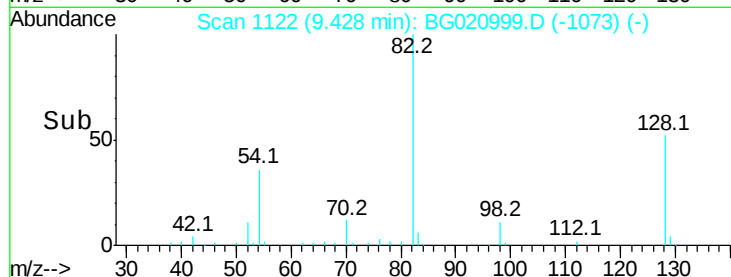
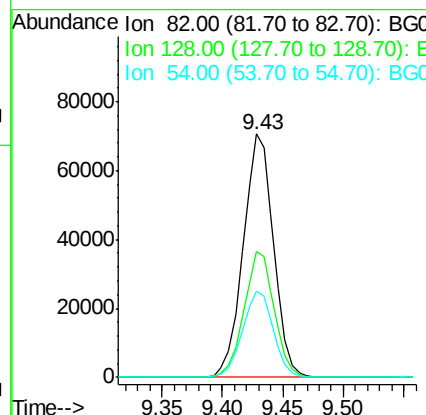
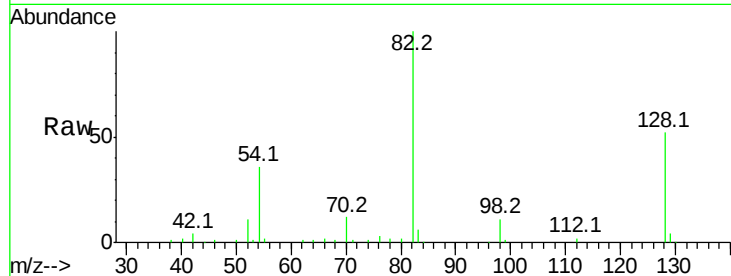




#23
 Nitrobenzene-d5
 Concen: 86.60 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020999.D
 Acq: 20 Feb 2016 8:42

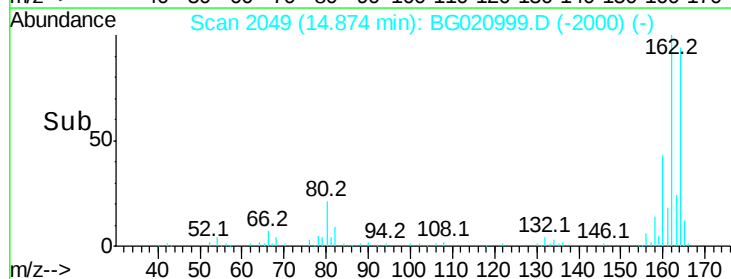
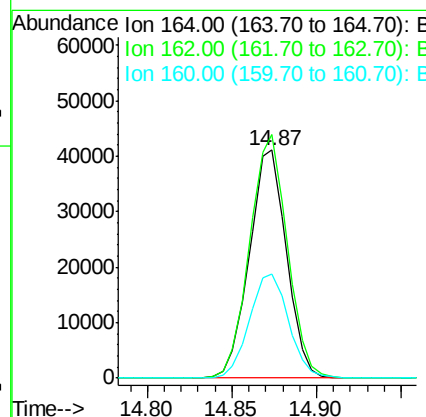
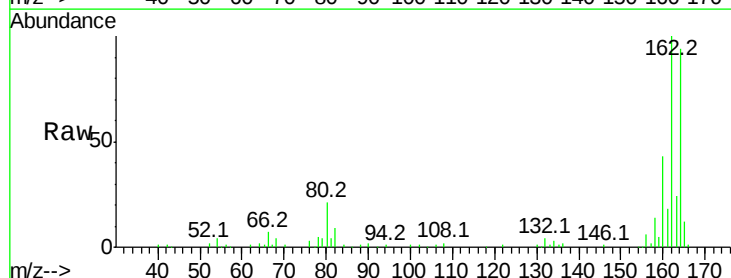
Instrument :
 BNA_G
 ClientSampleId :
 40050(0-2)

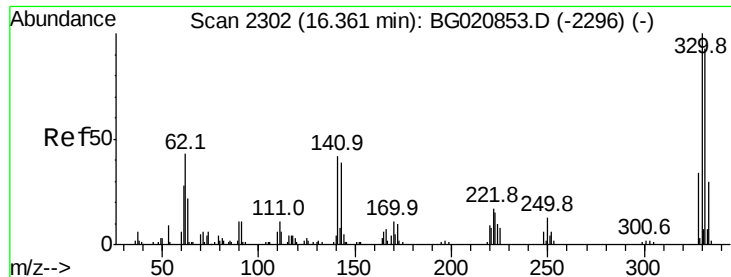
Tot Ion	82	Resp	123128
Ion Ratio	100	Lower	Upper
128	51.8	40.1	60.1
54	35.6	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020999.D
 Acq: 20 Feb 2016 8:42

Tgt Ion	164	Resp	62867
Ion Ratio	100	Lower	Upper
162	106.9	85.7	128.5
160	45.5	37.4	56.0

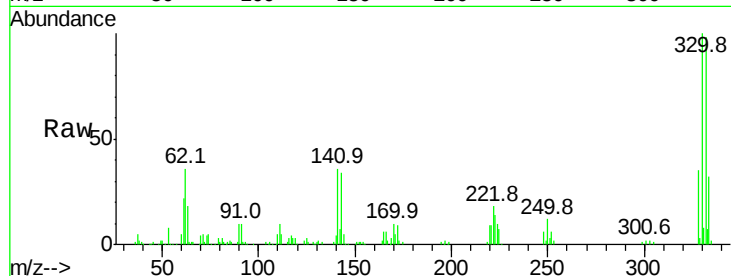




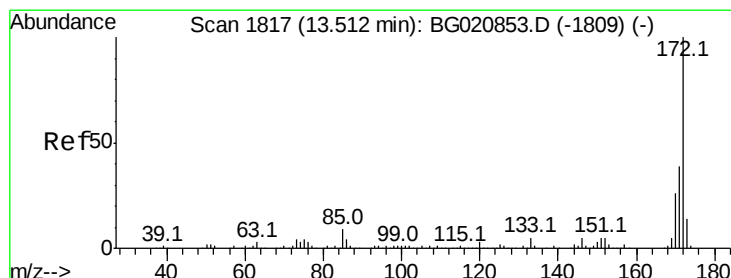
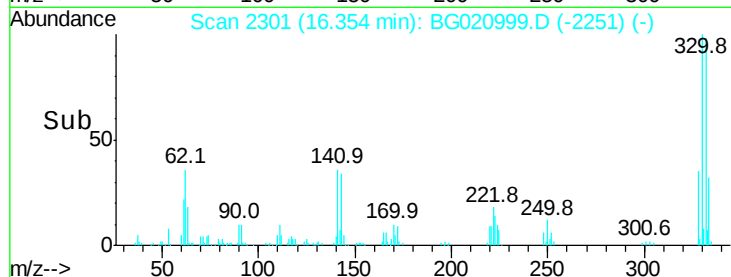
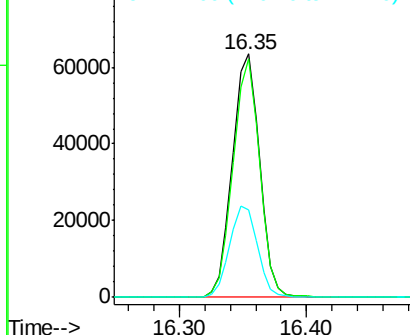
#41
 2,4,6-Tribromophenol
 Concen: 152.36 ng
 RT: 16.35 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG020999.D
 Acq: 20 Feb 2016 8:42

Instrument :
 BNA_G
 ClientSampleId :
 40050(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.1	114.1
141	38.3	32.0	48.0

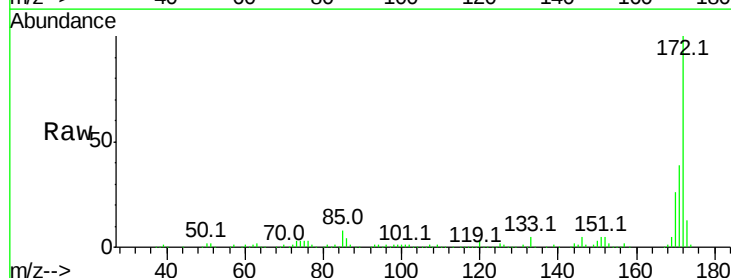


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

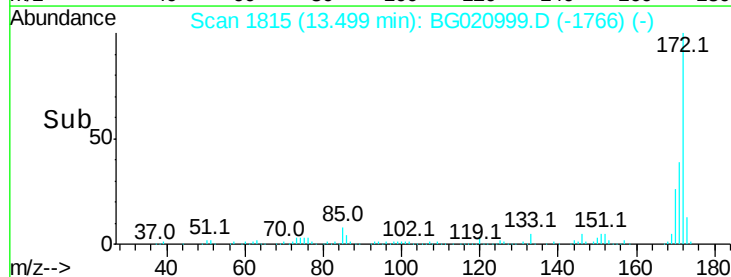
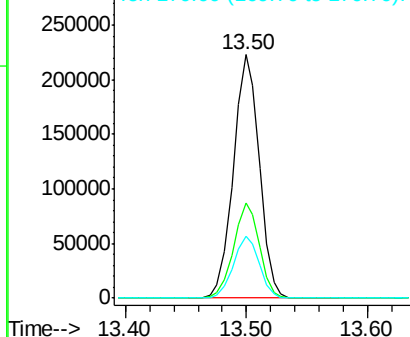


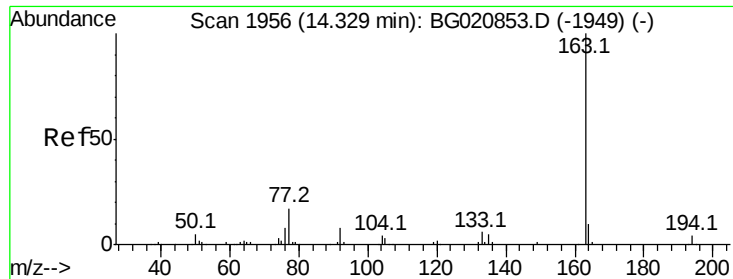
#44
 2-Fluorobiphenyl
 Concen: 74.37 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020999.D
 Acq: 20 Feb 2016 8:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.2	46.8
170	25.6	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: 14.82 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020999.D

Acq: 20 Feb 2016 8:42

Instrument :

BNA_G

ClientSampleId :

40050(0-2)

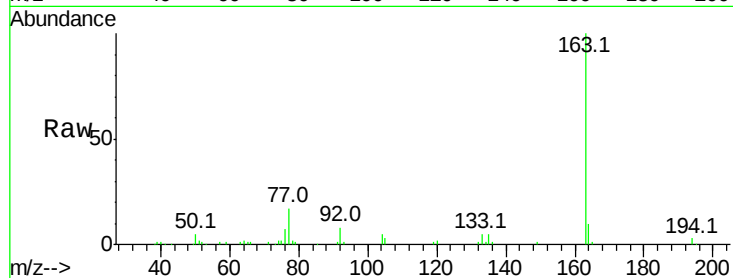
Tot Ion:163 Resp: 72830

Ion Ratio Lower Upper

163 100

194 3.2 3.1 4.7

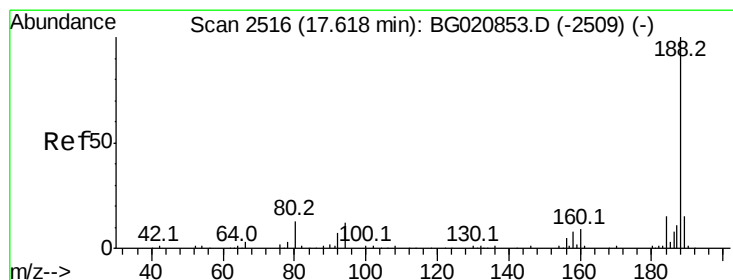
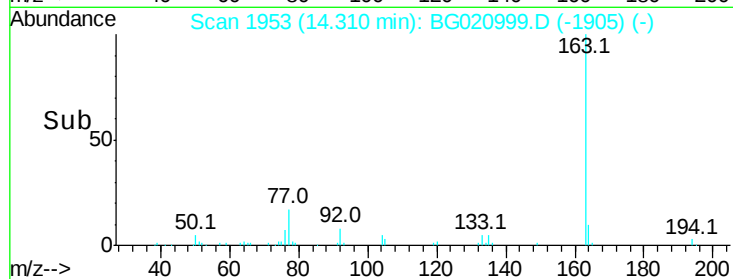
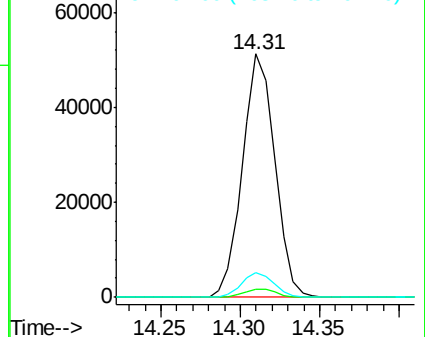
164 10.4 8.3 12.5



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: BG020999.D

Acq: 20 Feb 2016 8:42

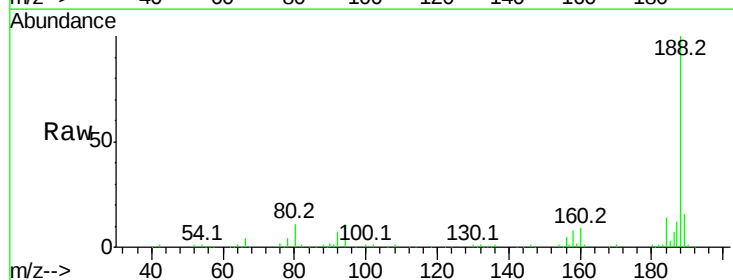
Tgt Ion:188 Resp: 133804

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.0

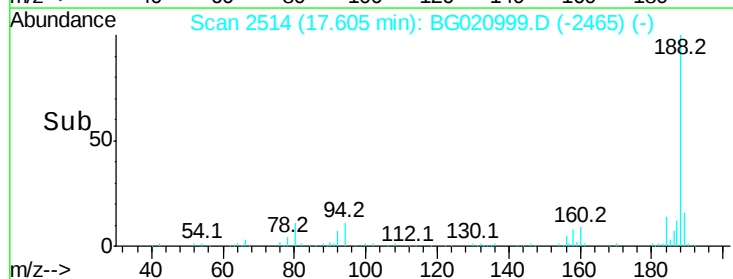
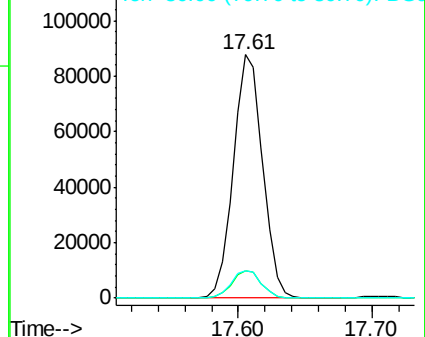
80 11.4 10.2 15.4

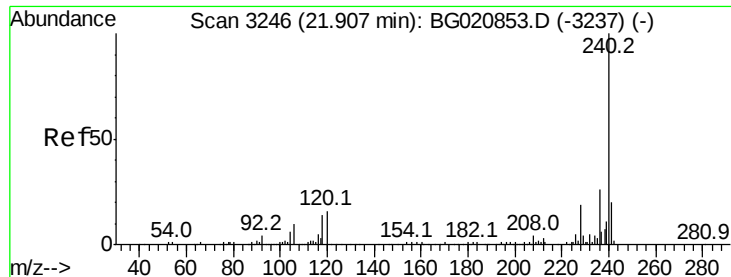


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

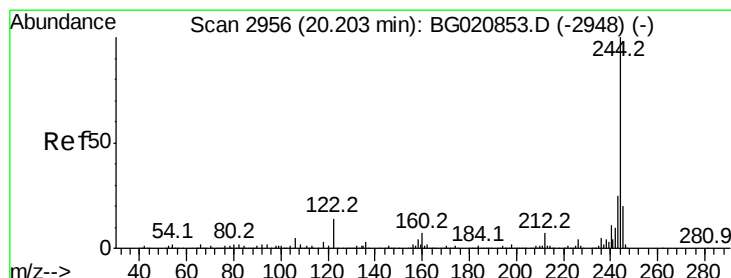
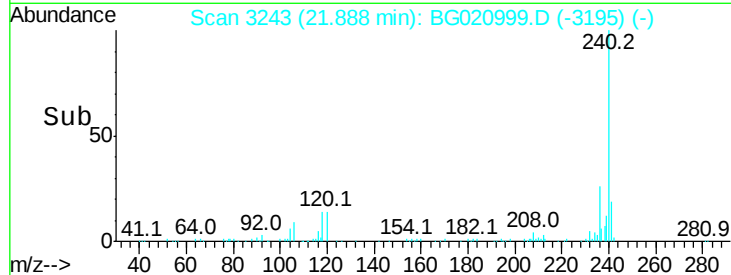
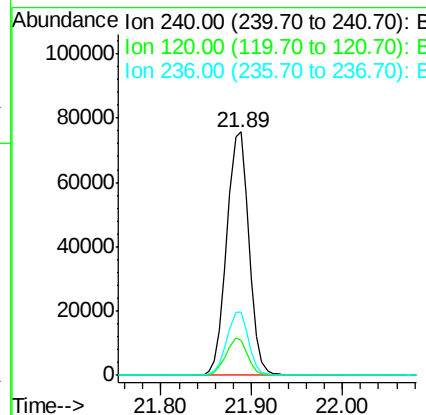
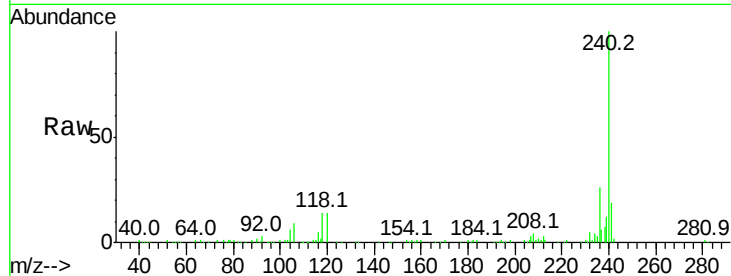




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG020999.D
Acq: 20 Feb 2016 8:42

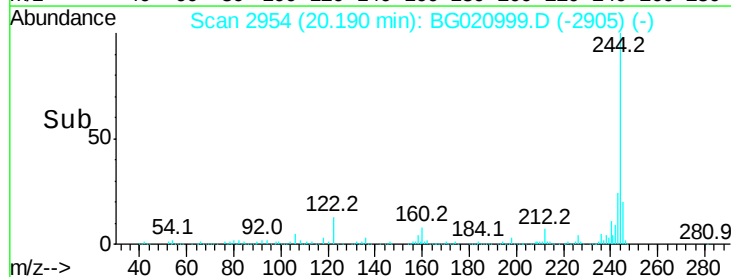
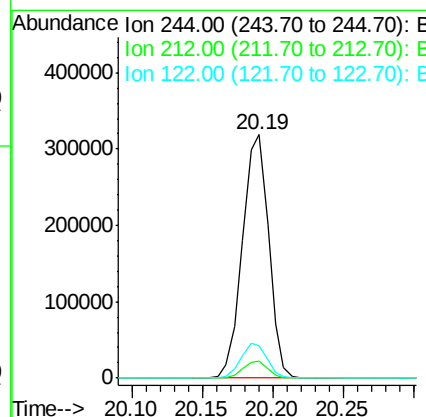
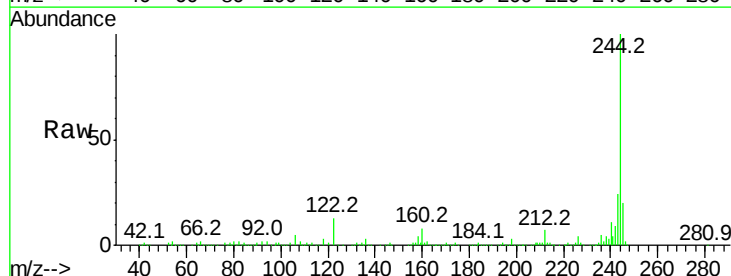
Instrument :
BNA_G
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40050(0-2)

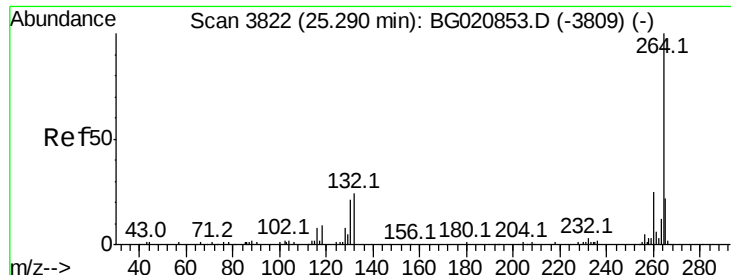
Tot Ion:240 Resp: 128700
Ion Ratio Lower Upper
240 100
120 14.3 13.0 19.4
236 26.2 21.0 31.4



#78
Terphenyl-d14
Concen: 75.28 ng
RT: 20.19 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG020999.D
Acq: 20 Feb 2016 8:42

Tgt Ion:244 Resp: 415310
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 13.5 11.4 17.2





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3816

Delta R.T. -0.04 min

Lab File: BG020999.D

Acq: 20 Feb 2016 8:42

Instrument :

BNA_G

ClientSampleId :

40050(0-2)

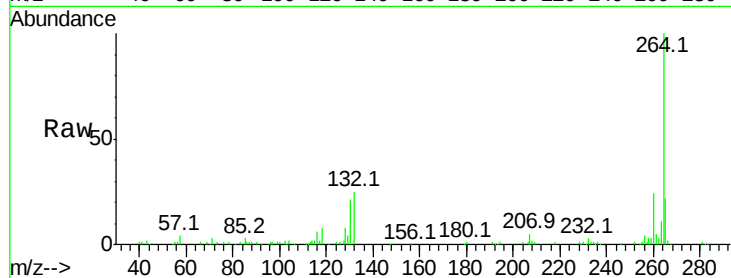
Tot Ion:264 Resp: 120386

Ion Ratio Lower Upper

264 100

260 23.7 19.9 29.9

265 22.0 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

