

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020073.D
 Acq On : 10 Dec 2015 13:23
 Operator : UM/SJ
 Sample : G4683-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5

Quant Time: Dec 11 04:42:22 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

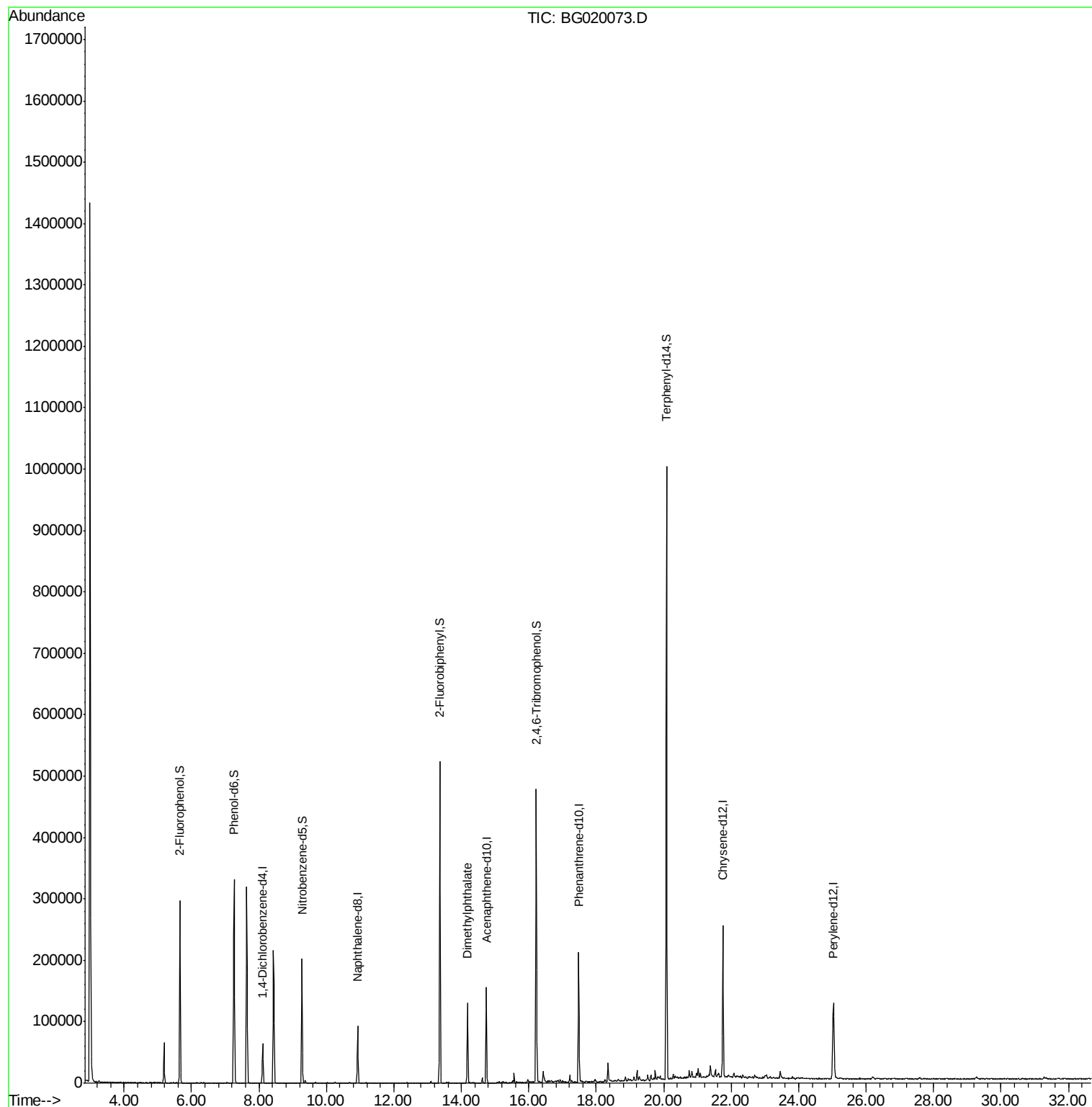
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17760	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	77134	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53653	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	130916	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	159758	20.00	ng	-0.04
86) Perylene-d12	25.03	264	146544	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	124640	126.84	ng	-0.01
7) Phenol-d6	7.26	99	189741	127.89	ng	-0.01
23) Nitrobenzene-d5	9.28	82	126121	83.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	90327	110.03	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	270025	68.72	ng	-0.03
78) Terphenyl-d14	20.08	244	448324	68.45	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	86259	17.87	ng	97

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

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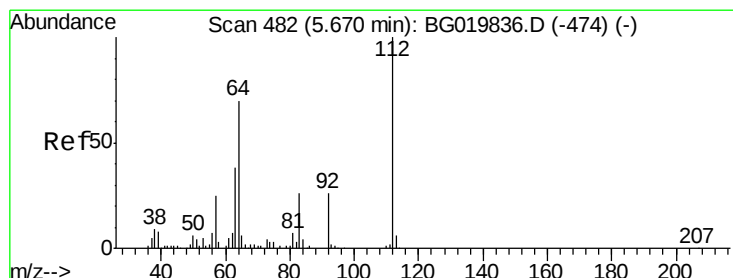
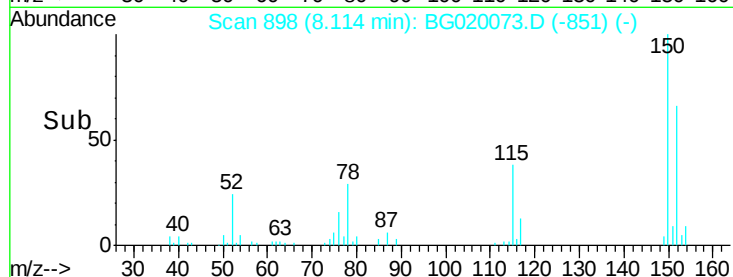
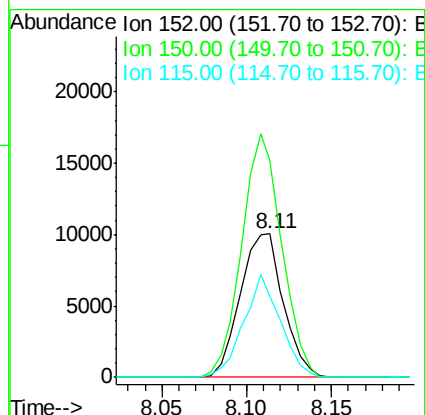
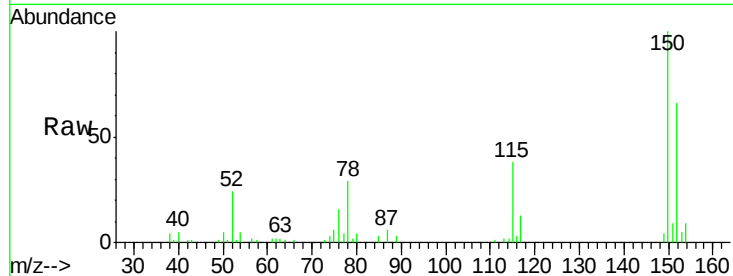


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020073.D
Acq: 10 Dec 2015 13:23

Instrument :
BNA_G
ClientSampleId :
S8-14.5

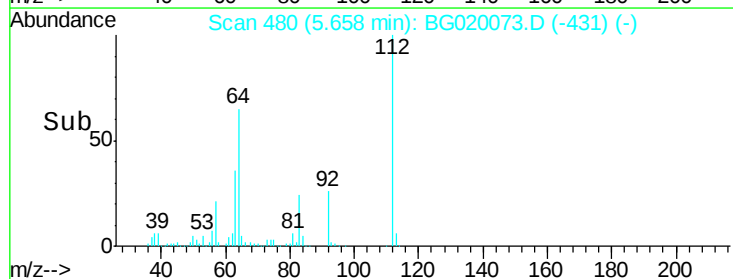
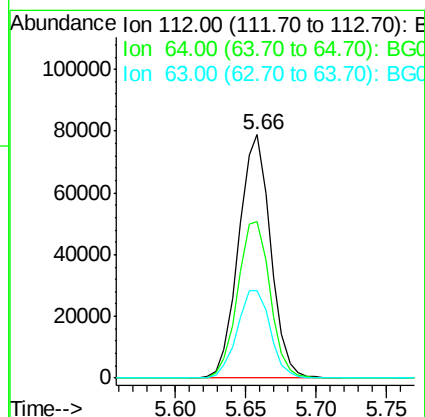
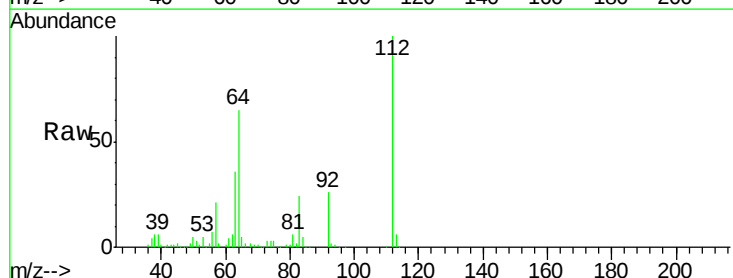
Tot Ion:152 Resp: 17760
Ion Ratio Lower Upper
152 100
150 150.9 115.0 172.4
115 56.7 43.9 65.9

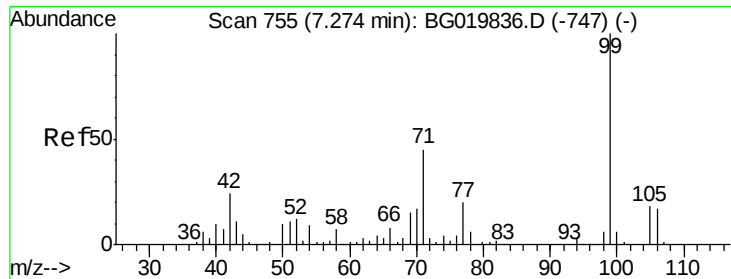


#5

2-Fluorophenol
Concen: 126.84 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020073.D
Acq: 10 Dec 2015 13:23

Tgt Ion:112 Resp: 124640
Ion Ratio Lower Upper
112 100
64 64.5 43.7 65.5
63 35.8 24.0 36.0





#7

Phenol-d6

Concen: 127.89 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020073.D

Acq: 10 Dec 2015 13:23

Instrument :

BNA_G

ClientSampleId :

S8-14.5

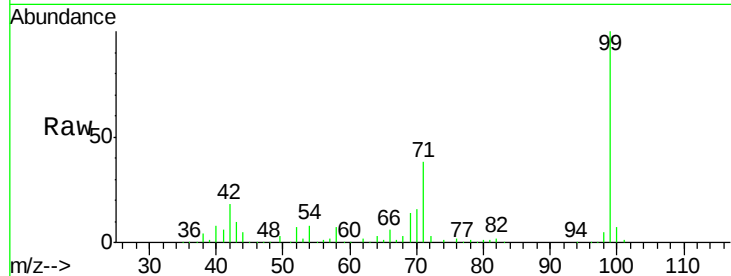
Tot Ion: 99 Resp: 189741

Ion Ratio Lower Upper

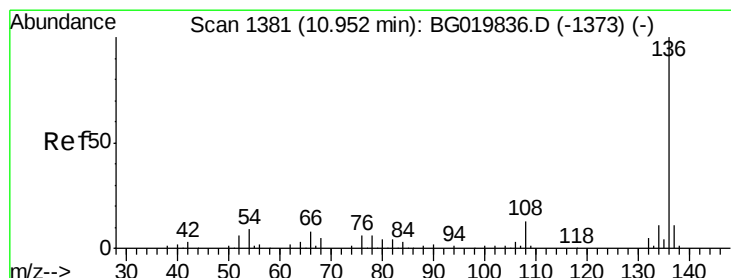
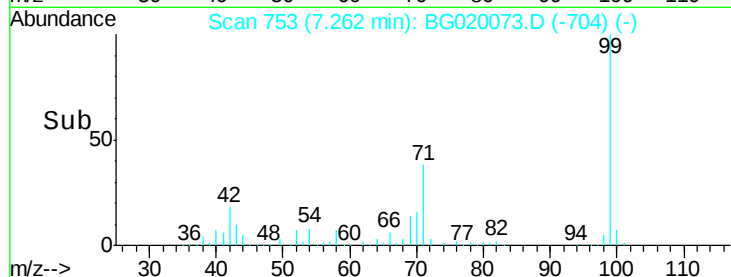
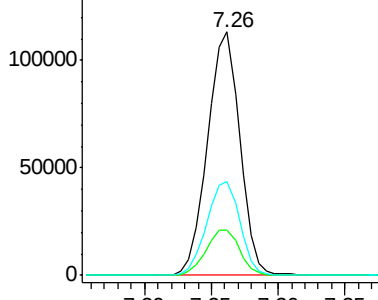
99 100

42 18.5 11.5 17.3#

71 38.5 22.6 34.0#



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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020073.D

Acq: 10 Dec 2015 13:23

Tgt Ion: 136 Resp: 77134

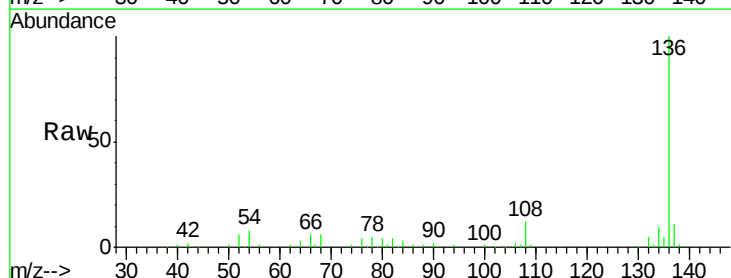
Ion Ratio Lower Upper

136 100

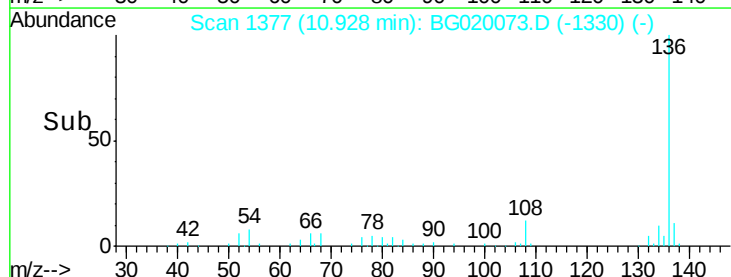
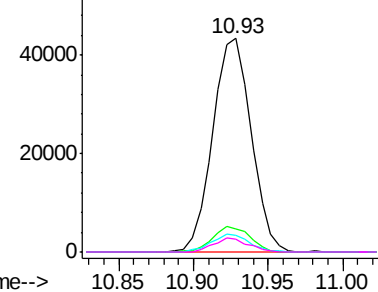
137 11.0 8.6 12.8

54 8.0 5.4 8.2

68 6.3 5.3 7.9



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

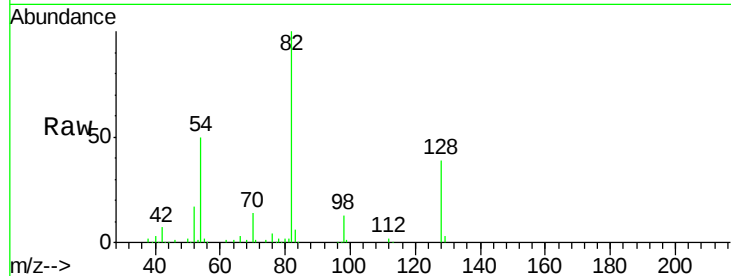




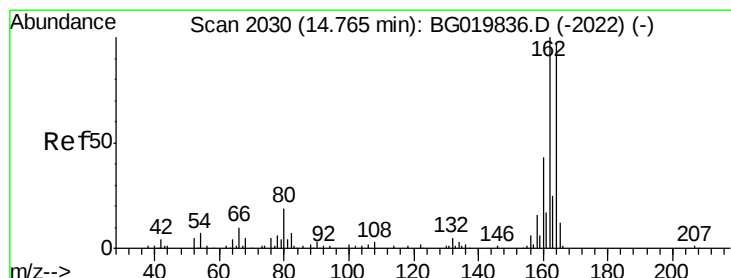
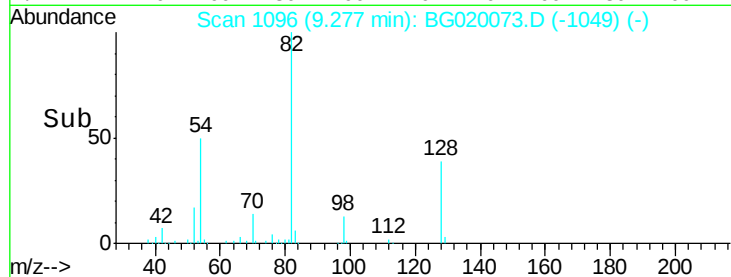
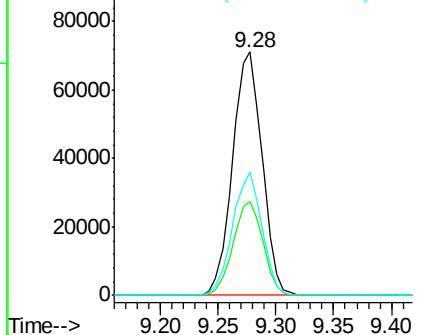
#23
 Nitrobenzene-d5
 Concen: 83.45 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020073.D
 Acq: 10 Dec 2015 13:23

Instrument :
 BNA_G
 ClientSampled :
 S8-14.5

Tot Ion	82	Resp	126121
Ion Ratio	Lower	Upper	
82	100		
128	38.6	36.7	55.1
54	50.5	33.8	50.8

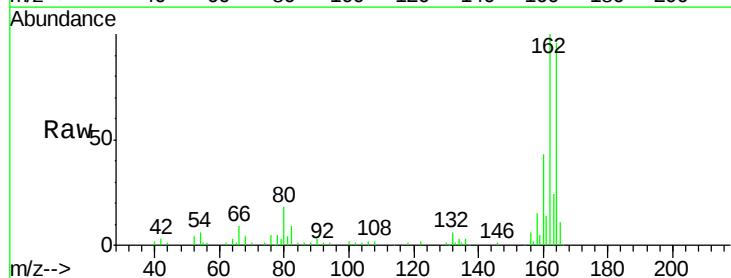


Abundance Ion 82.00 (81.70 to 82.70): BG0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BG

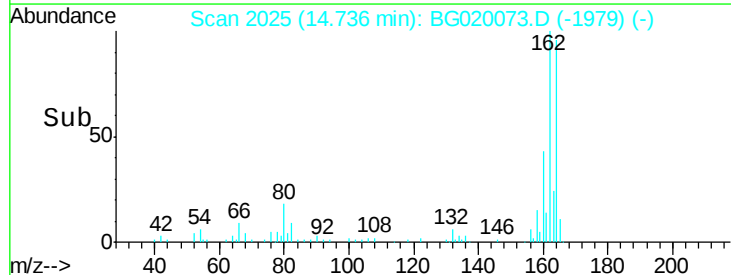
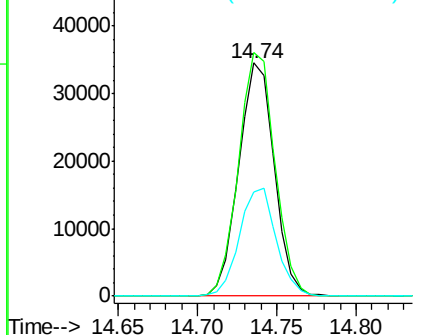


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020073.D
 Acq: 10 Dec 2015 13:23

Tgt Ion	164	Resp	53653
Ion Ratio	Lower	Upper	
164	100		
162	104.4	78.8	118.2
160	44.8	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

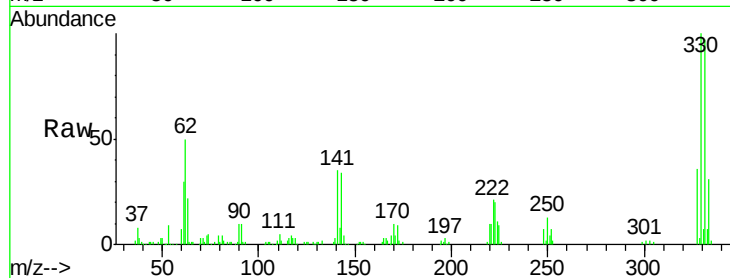




#41
 2,4,6-Tribromophenol
 Concen: 110.03 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020073.D
 Acq: 10 Dec 2015 13:23

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	36.7	28.2	42.2

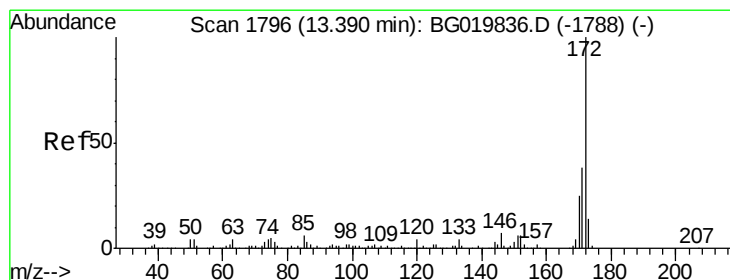
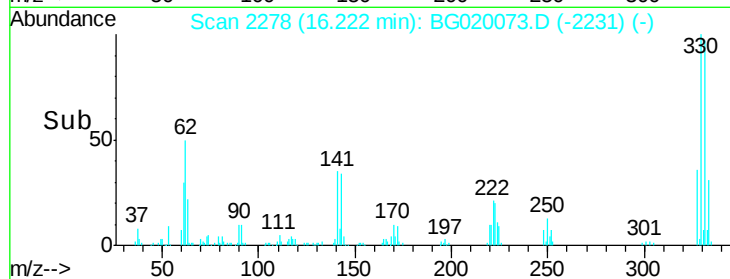
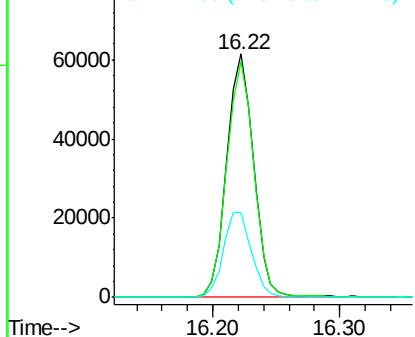


Abundance

Ion 329.80 (329.50 to 330.50): E

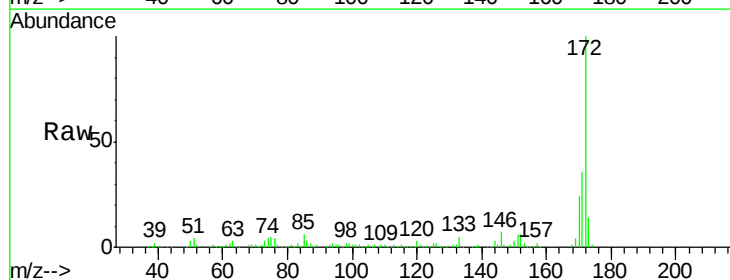
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.72 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020073.D
 Acq: 10 Dec 2015 13:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	23.8	19.9	29.9

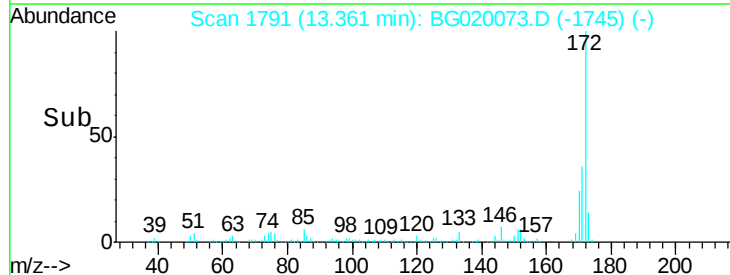
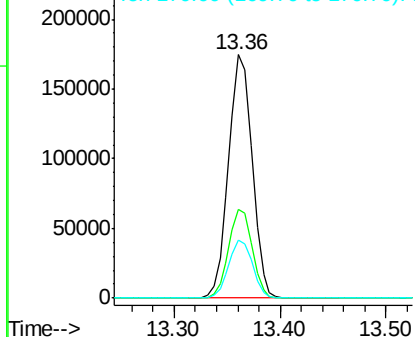


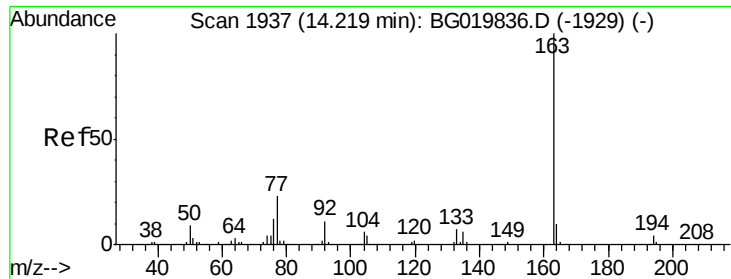
Abundance

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: 17.87 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG020073.D

Acq: 10 Dec 2015 13:23

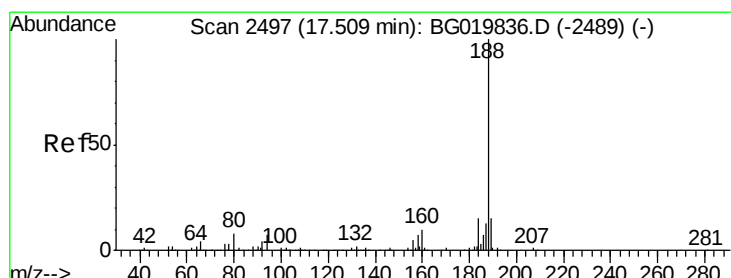
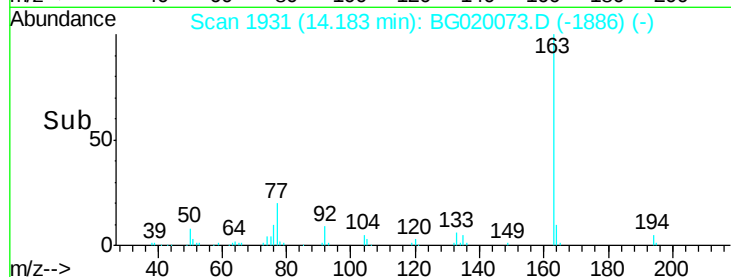
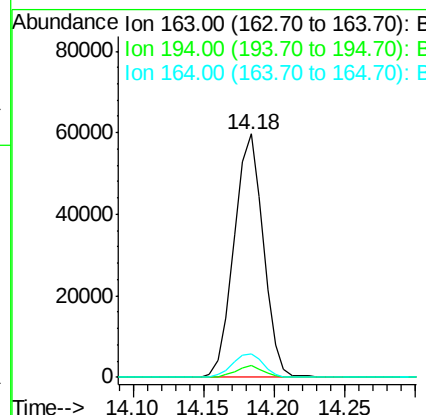
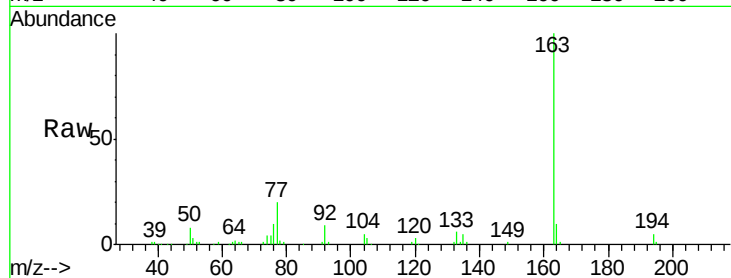
Instrument :

BNA_G

ClientSampleId :

S8-14.5

Tot Ion:163	Resp:	86259
Ion Ratio	Lower	Upper
163	100	
194	4.7	3.1 4.7
164	9.7	8.8 13.2



#63

Phenanthrene-d10

Concen: 20.00 ng

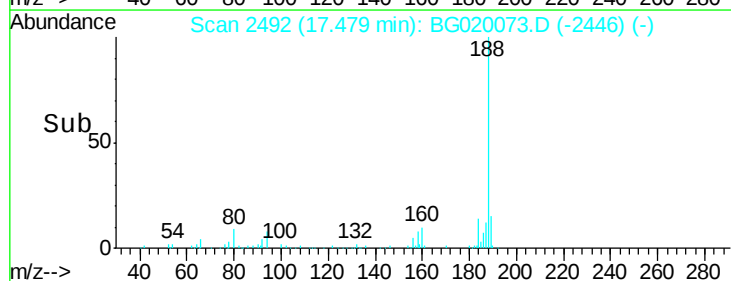
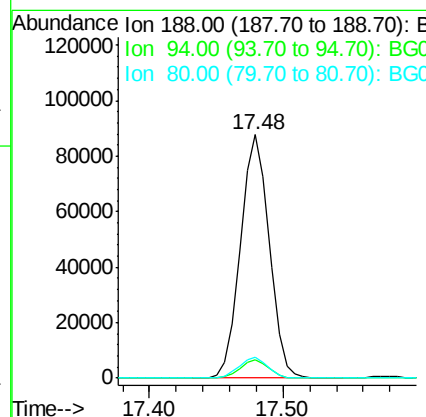
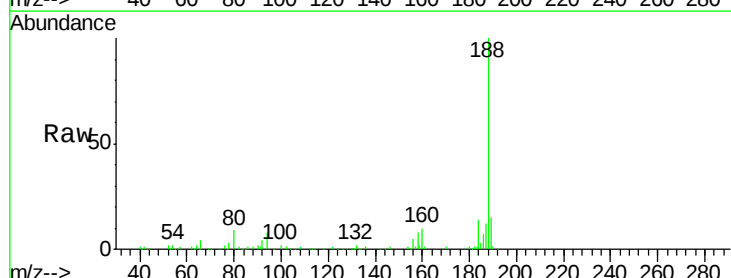
RT: 17.48 min Scan# 2492

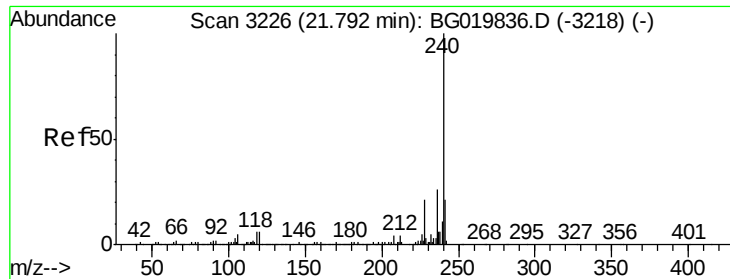
Delta R.T. -0.03 min

Lab File: BG020073.D

Acq: 10 Dec 2015 13:23

Tgt Ion:188	Resp:	130916
Ion Ratio	Lower	Upper
188	100	
94	7.8	7.7 11.5
80	8.5	7.8 11.8





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020073.D

Acq: 10 Dec 2015 13:23

Instrument :

BNA_G

ClientSampleId :

S8-14.5

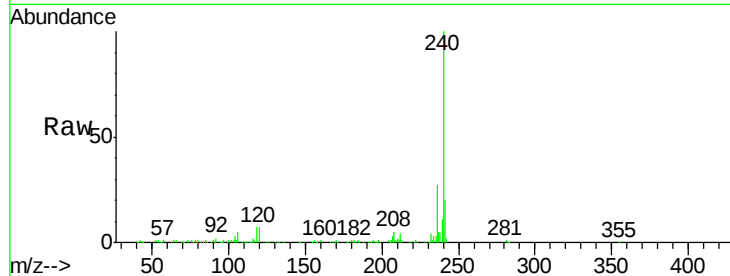
Tot Ion:240 Resp: 159758

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

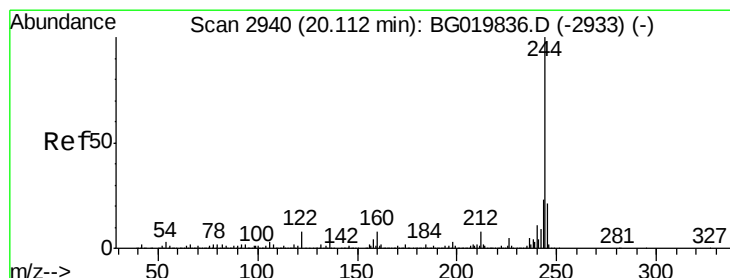
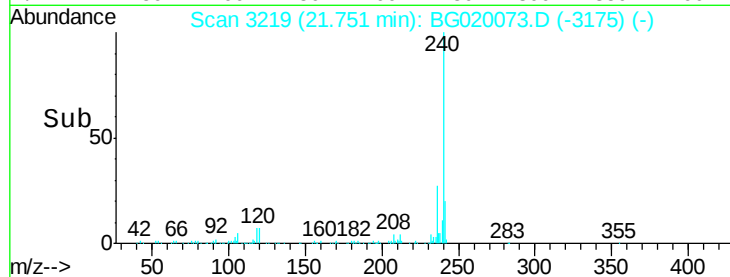
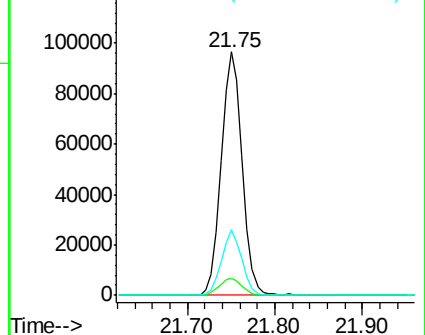
236 27.1 20.7 31.1



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: 68.45 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020073.D

Acq: 10 Dec 2015 13:23

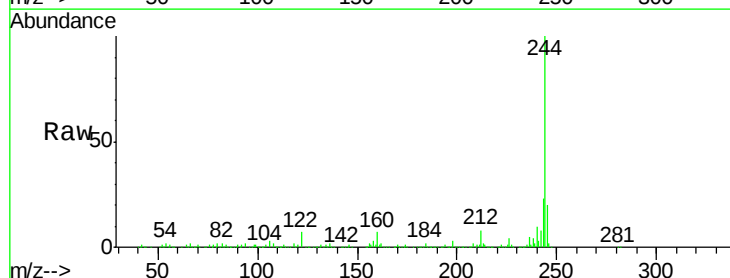
Tgt Ion:244 Resp: 448324

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

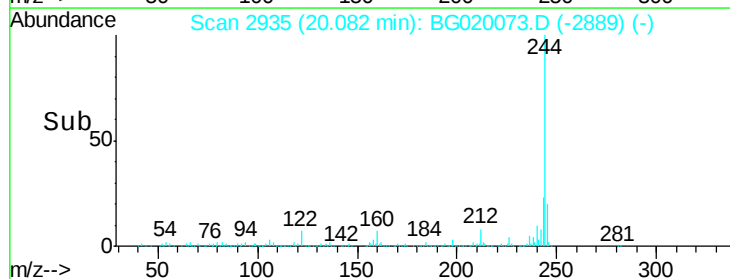
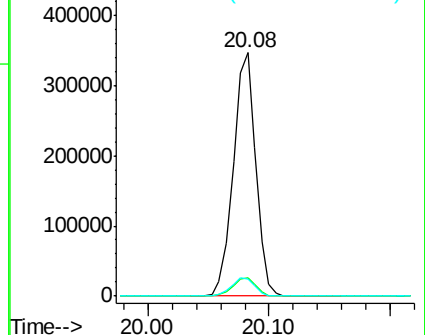
122 7.3 10.2 15.2#



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: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG020073.D
 Acq: 10 Dec 2015 13:23

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.4	17.2	25.8

