

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020118.D
 Acq On : 11 Dec 2015 22:43
 Operator : UM/SJ
 Sample : G4729-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-42

Quant Time: Dec 11 23:33:52 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	8.10	152	19126	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	80089	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	60000	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	155682	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	185101	20.00	ng	-0.05
86) Perylene-d12	25.01	264	170716	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	59561	56.28	ng	-0.02
7) Phenol-d6	7.25	99	57934	36.26	ng	-0.02
23) Nitrobenzene-d5	9.27	82	127745	81.40	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	127432	138.81	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	357852	81.44	ng	-0.04
78) Terphenyl-d14	20.07	244	728685	96.02	ng	-0.04

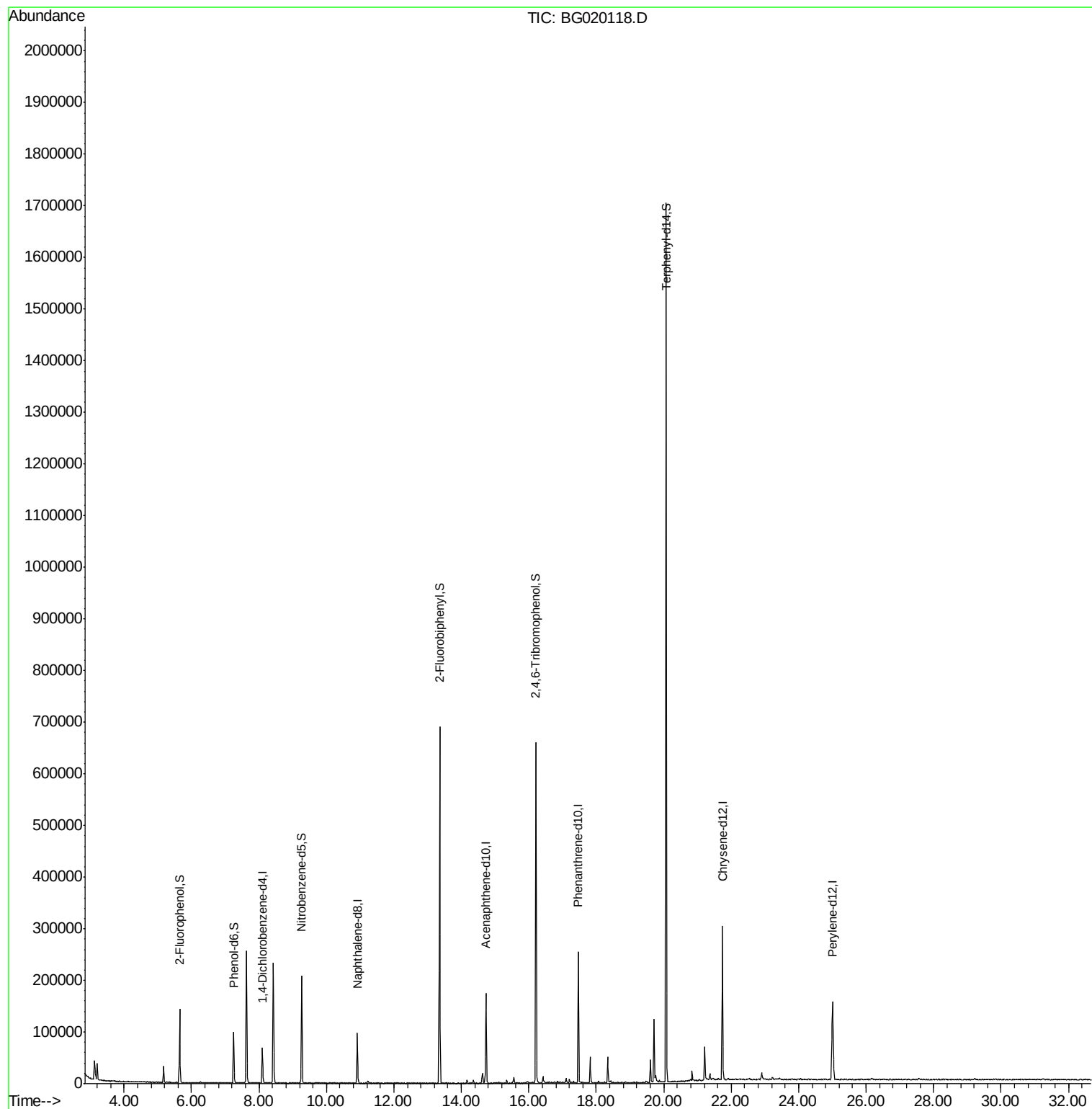
Target Compounds Qvalue

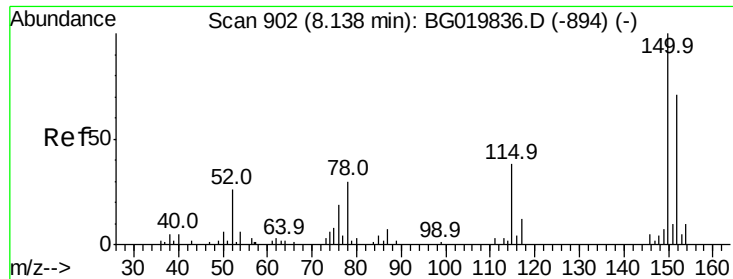
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.04 min

Lab File: BG020118.D

Acq: 11 Dec 2015 22:43

Instrument :

BNA_G

ClientSampleId :

W-42

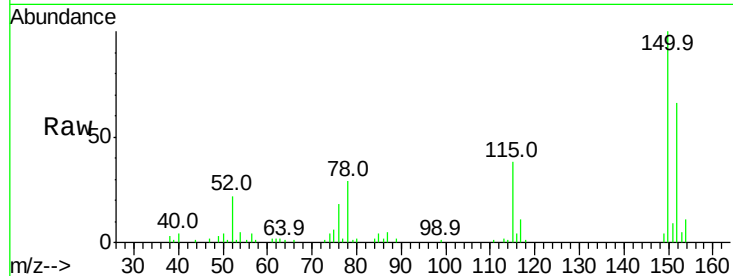
Tot Ion:152 Resp: 19126

Ion Ratio Lower Upper

152 100

150 150.9 115.0 172.4

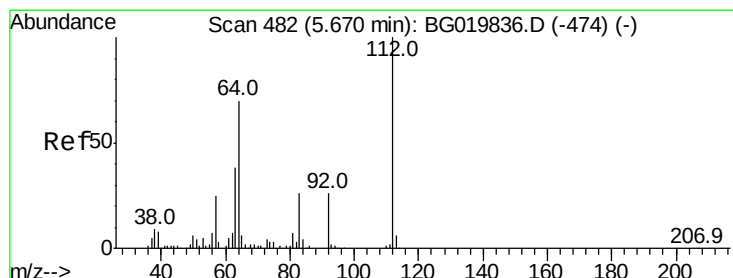
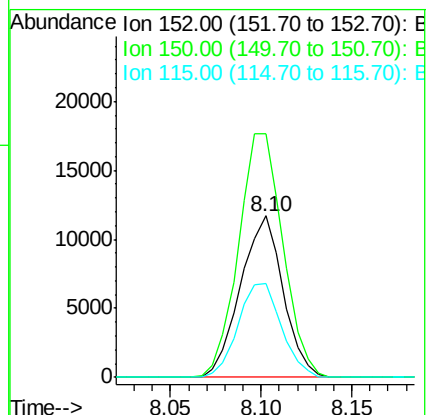
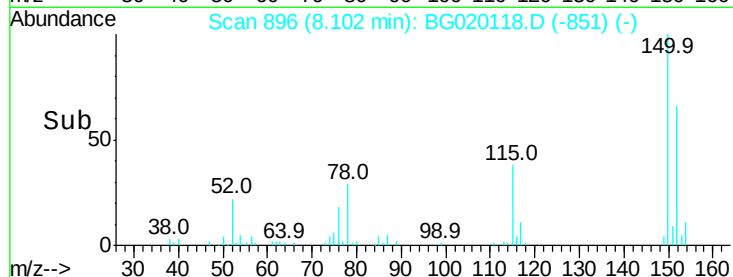
115 58.1 43.9 65.9



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: 56.28 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020118.D

Acq: 11 Dec 2015 22:43

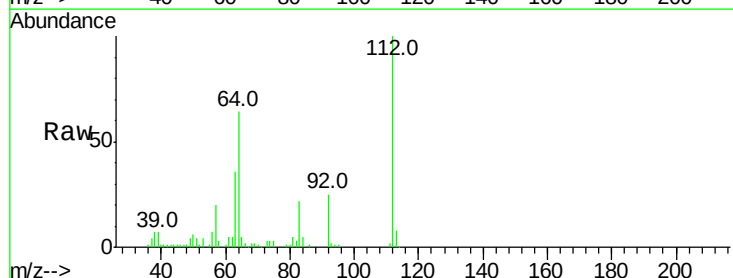
Tgt Ion:112 Resp: 59561

Ion Ratio Lower Upper

112 100

64 63.7 43.7 65.5

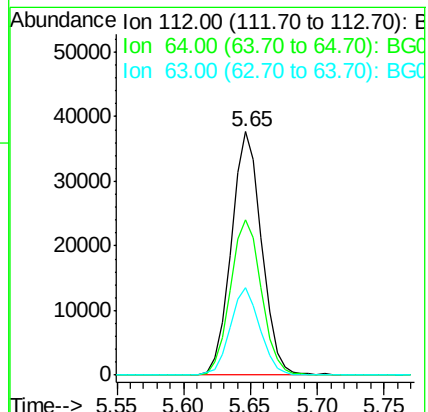
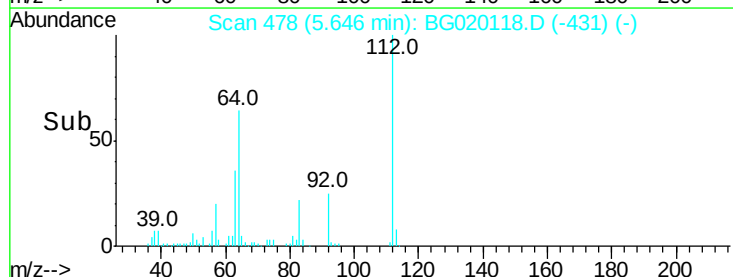
63 36.1 24.0 36.0#

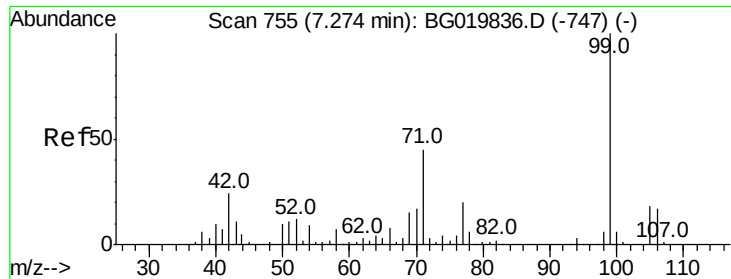


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.26 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020118.D

Acq: 11 Dec 2015 22:43

Instrument :

BNA_G

ClientSampleId :

W-42

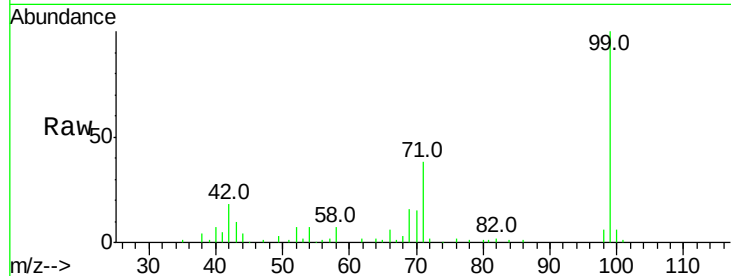
Tot Ion: 99 Resp: 57934

Ion Ratio Lower Upper

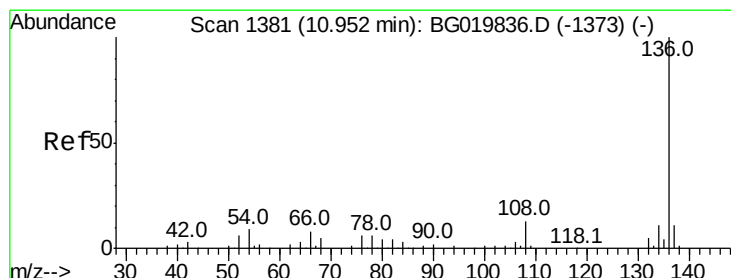
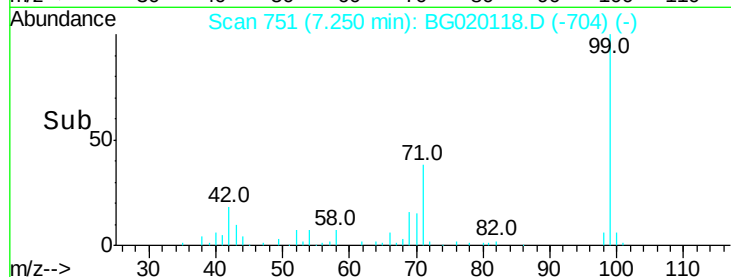
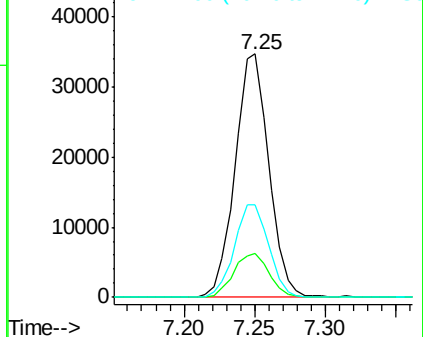
99 100

42 18.1 11.5 17.3#

71 38.2 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: 10.92 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BG020118.D

Acq: 11 Dec 2015 22:43

Tgt Ion: 136 Resp: 80089

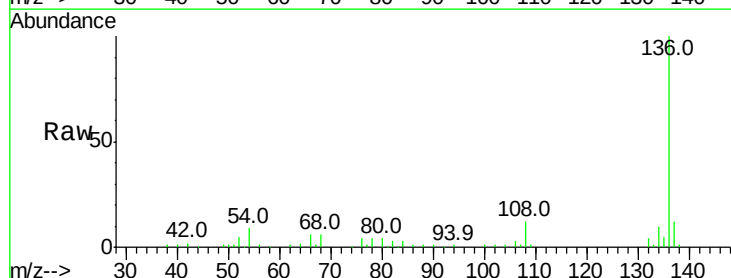
Ion Ratio Lower Upper

136 100

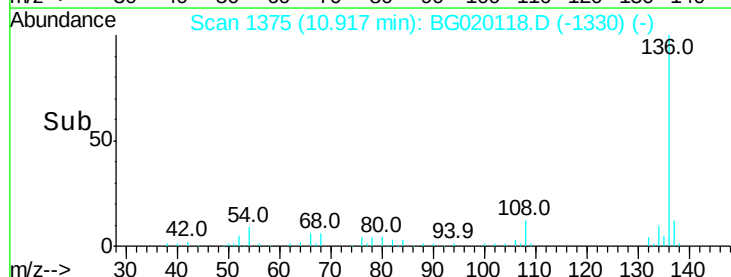
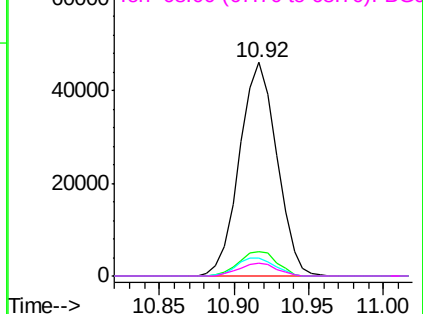
137 11.6 8.6 12.8

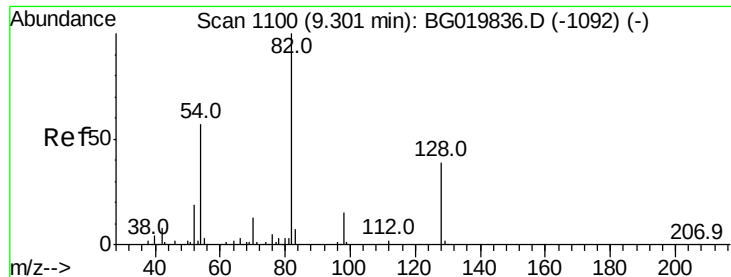
54 8.6 5.4 8.2#

68 6.0 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

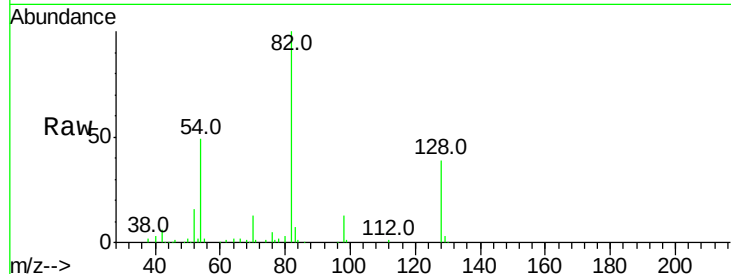




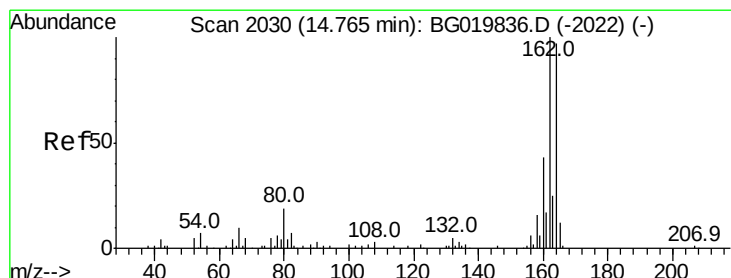
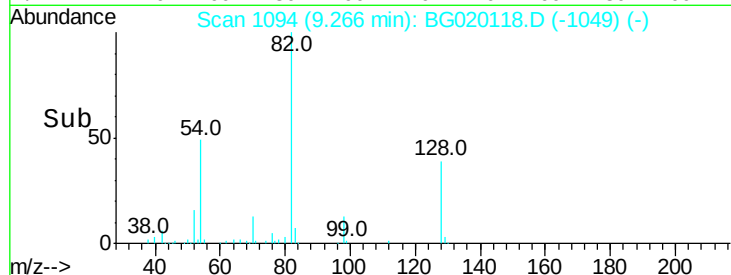
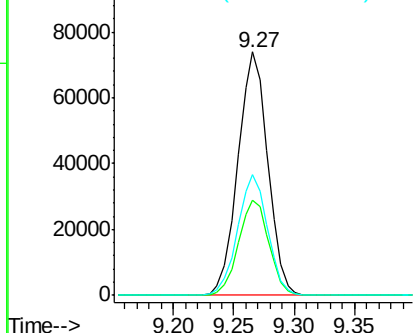
#23
Nitrobenzene-d5
Concen: 81.40 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020118.D
Acq: 11 Dec 2015 22:43

Instrument :
BNA_G
ClientSampled :
W-42

Tot Ion	82	Resp	127745
Ion Ratio	100	Lower	Upper
128	39.0	36.7	55.1
54	49.4	33.8	50.8

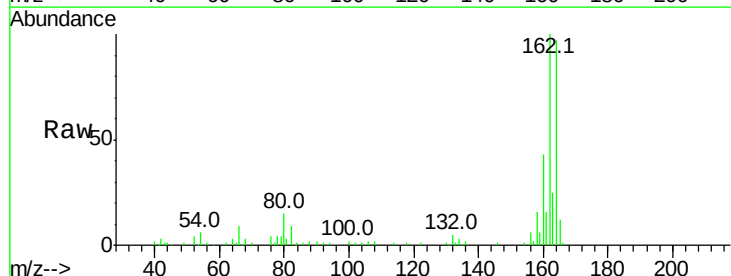


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

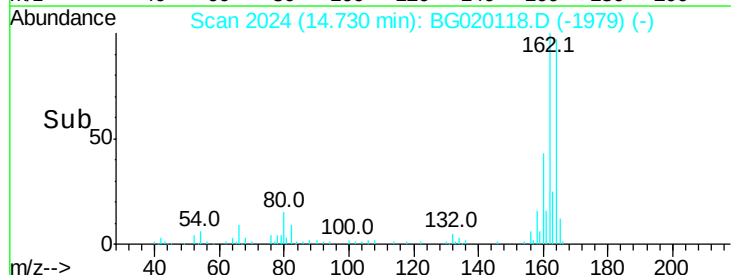
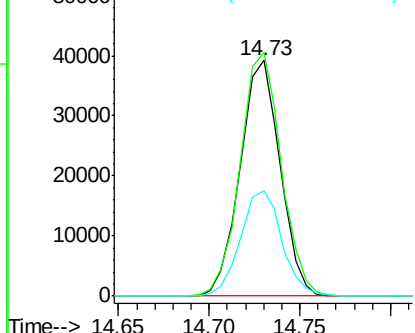


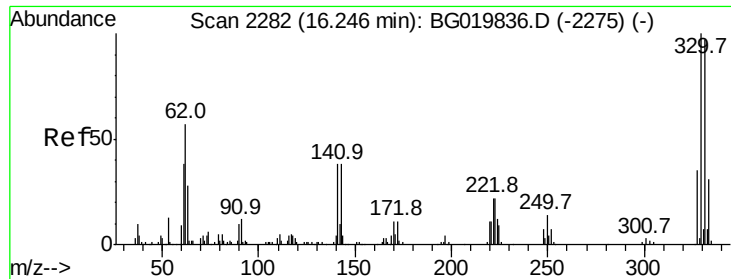
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020118.D
Acq: 11 Dec 2015 22:43

Tgt Ion	164	Resp	60000
Ion Ratio	100	Lower	Upper
162	103.5	78.8	118.2
160	44.6	36.4	54.6



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

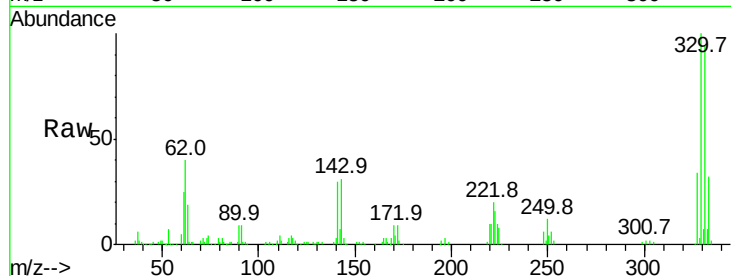




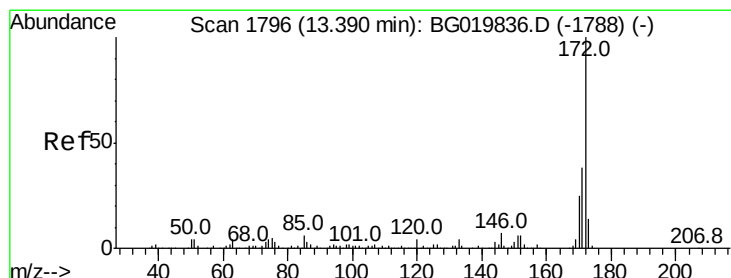
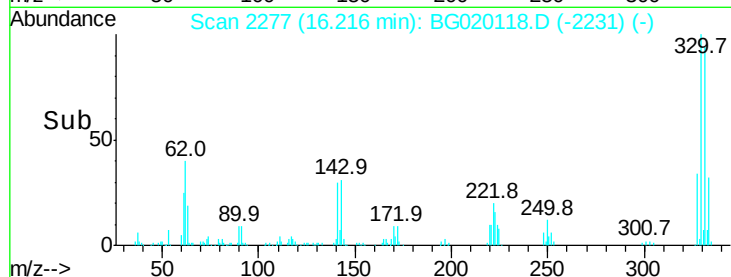
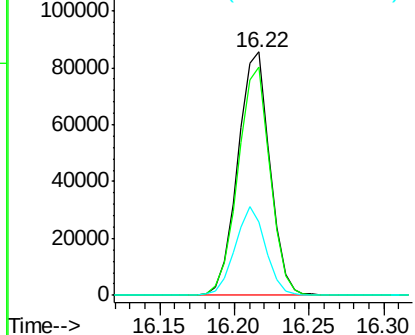
#41
 2,4,6-Tribromophenol
 Concen: 138.81 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020118.D
 Acq: 11 Dec 2015 22:43

Instrument :
 BNA_G
 ClientSampled :
 W-42

Tot Ion:330 Resp: 127432
 Ion Ratio Lower Upper
 330 100
 332 93.7 78.1 117.1
 141 35.0 28.2 42.2

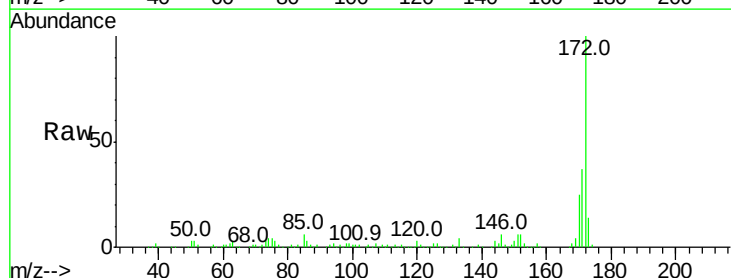


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

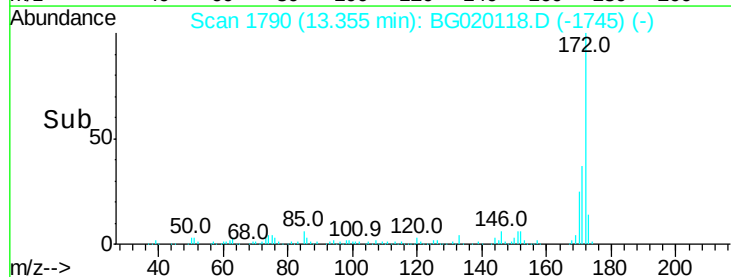
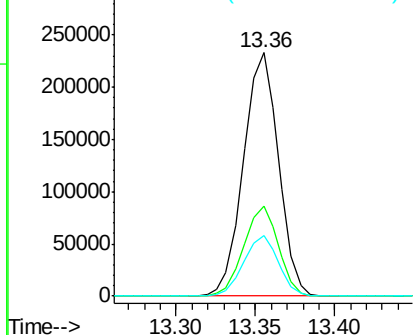


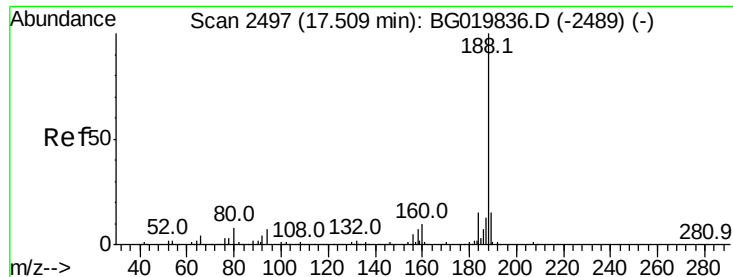
#44
 2-Fluorobiphenyl
 Concen: 81.44 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020118.D
 Acq: 11 Dec 2015 22:43

Tgt Ion:172 Resp: 357852
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 25.1 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

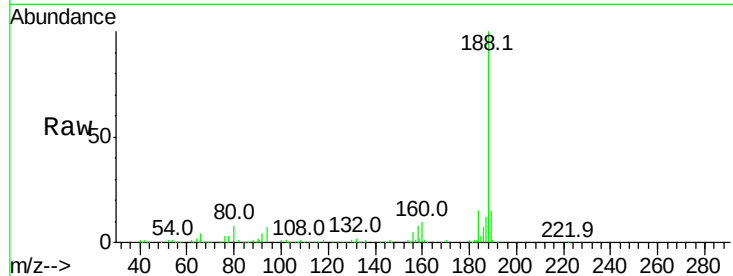




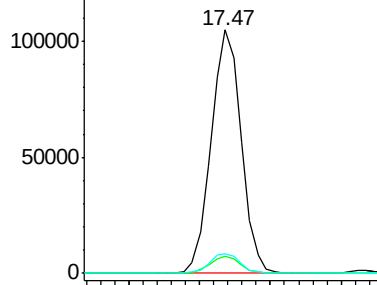
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020118.D
Acq: 11 Dec 2015 22:43

Instrument :
BNA_G
ClientSampleId :
W-42

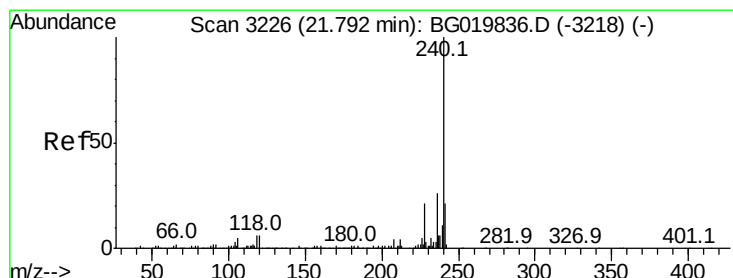
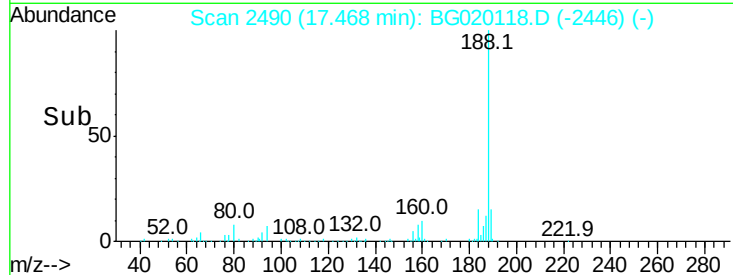
Tot Ion:188 Resp: 155682
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 8.2 7.8 11.8



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

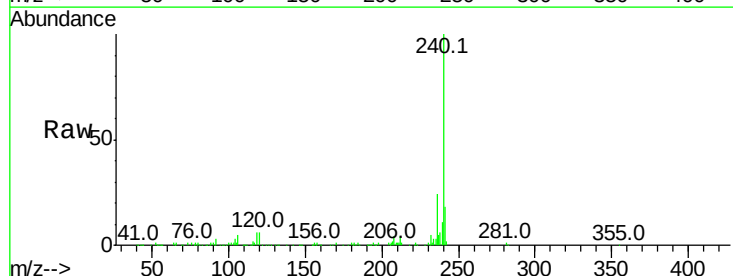


Time-->

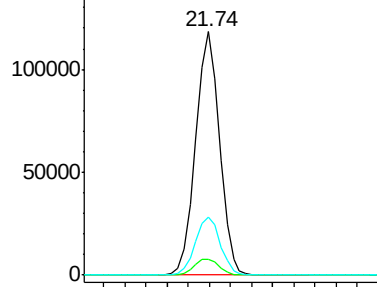


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020118.D
Acq: 11 Dec 2015 22:43

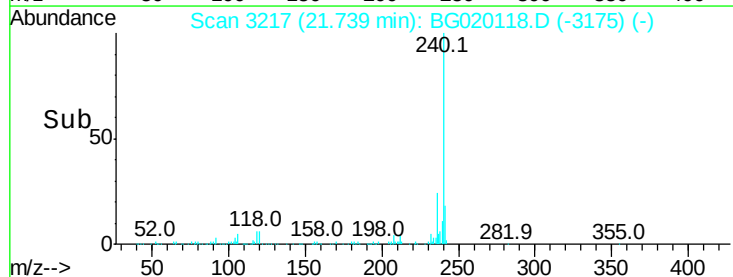
Tgt Ion:240 Resp: 185101
Ion Ratio Lower Upper
240 100
120 6.2 7.4 11.0#
236 23.8 20.7 31.1

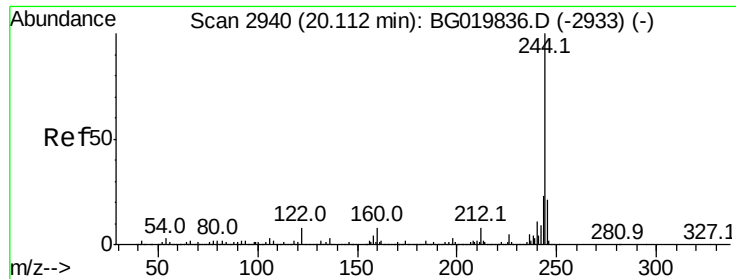


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

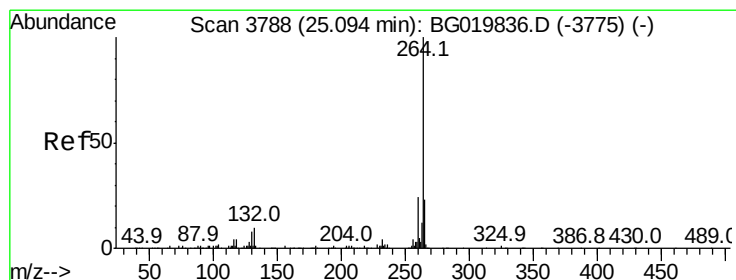
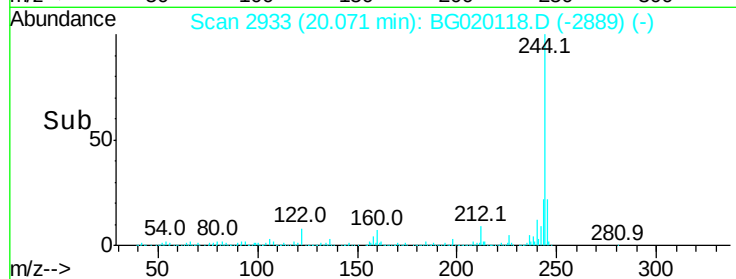
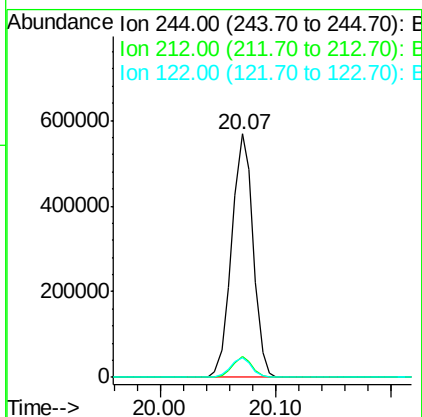
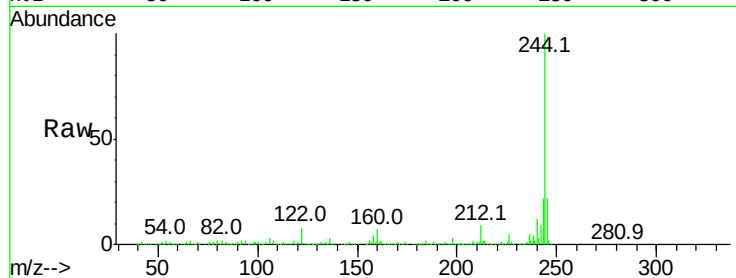




#78
 Terphenyl-d14
 Concen: 96.02 ng
 RT: 20.07 min Scan# 2933
 Delta R.T. -0.04 min
 Lab File: BG020118.D
 Acq: 11 Dec 2015 22:43

Instrument :
 BNA_G
 ClientSampleId :
 W-42

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	7.9	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.01 min Scan# 3773
 Delta R.T. -0.09 min
 Lab File: BG020118.D
 Acq: 11 Dec 2015 22:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	20.6	17.2	25.8

