

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020040.D
 Acq On : 9 Dec 2015 12:38
 Operator : UM/SJ
 Sample : G4677-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-D-S

Quant Time: Dec 09 14:27:09 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	19593	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	85877	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	60923	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	148650	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	180015	20.00	ng	-0.04
86) Perylene-d12	25.03	264	168059	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	42659	39.35	ng	-0.02
7) Phenol-d6	7.26	99	39872	24.36	ng	-0.02
23) Nitrobenzene-d5	9.28	82	154410	91.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	68520	73.51	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	386642	86.65	ng	-0.02
78) Terphenyl-d14	20.08	244	613073	83.07	ng	-0.03

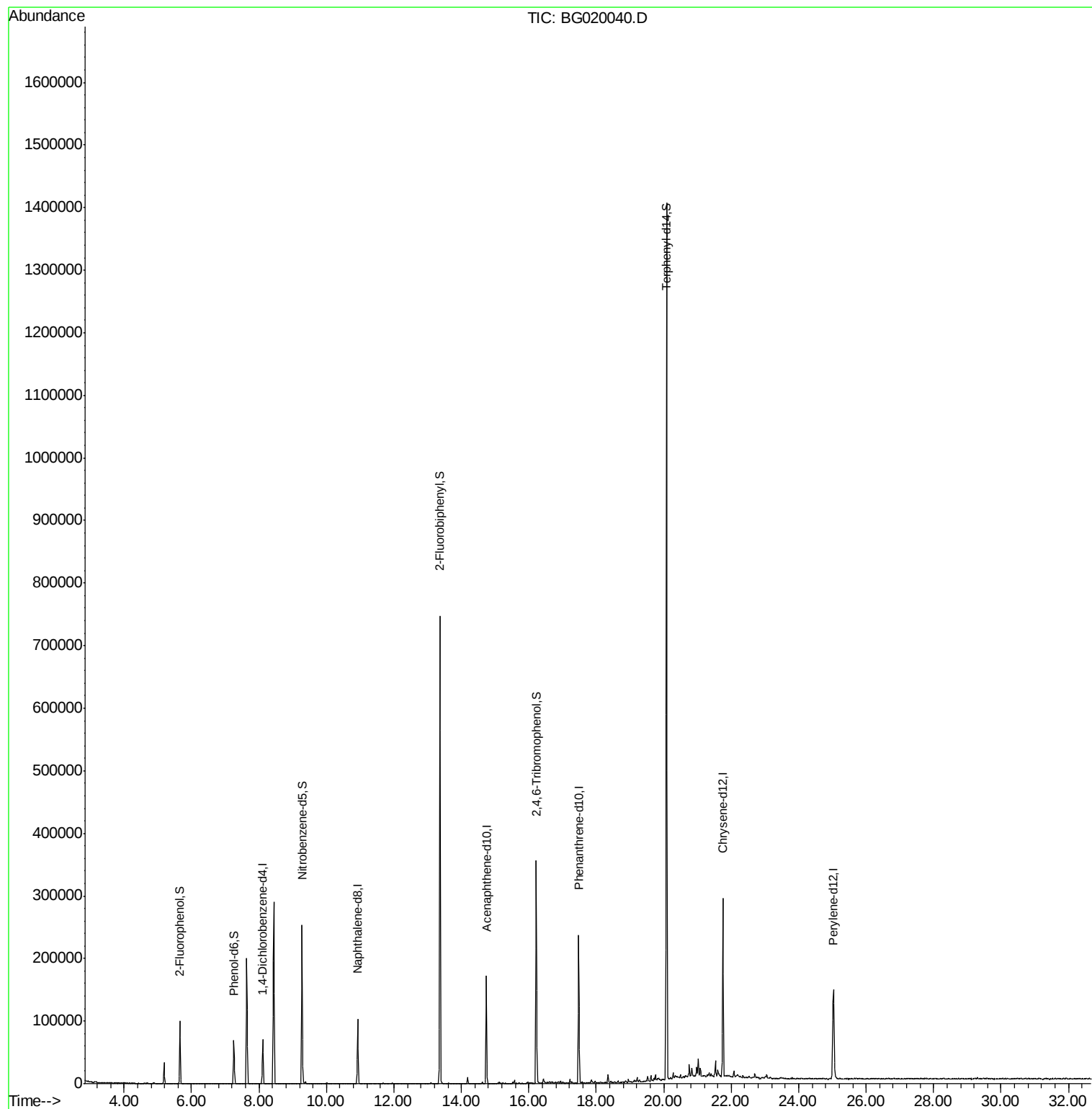
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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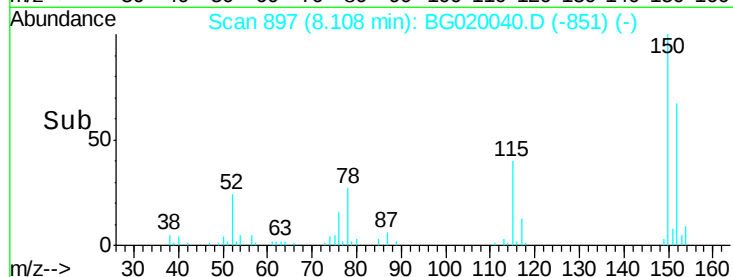
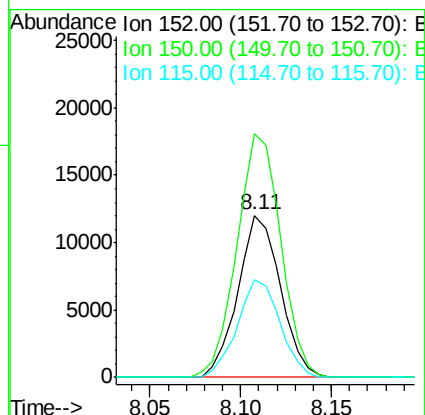
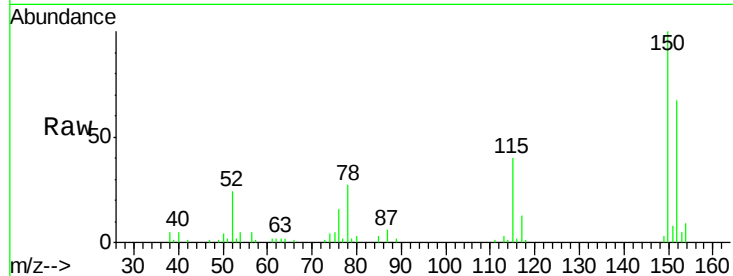




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020040.D
 Acq: 9 Dec 2015 12:38

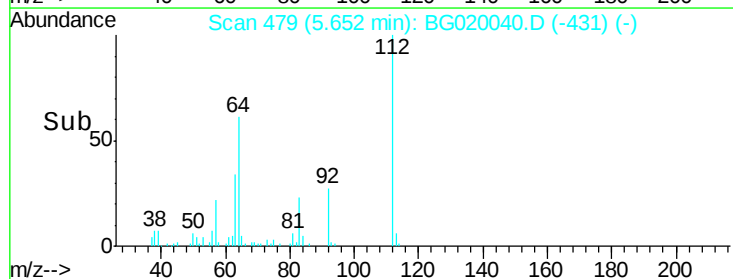
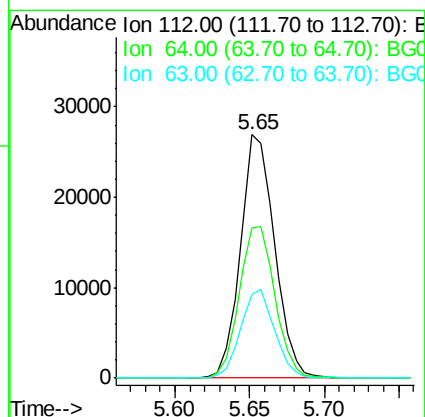
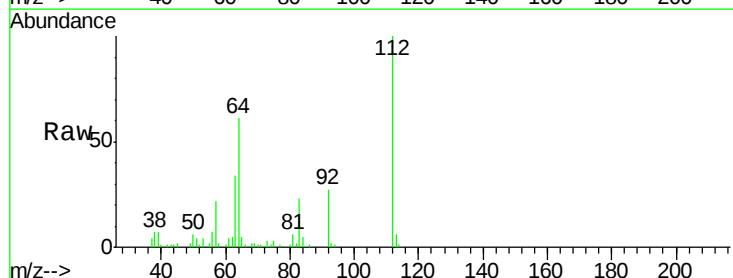
Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-D-S

Tgt Ion:152 Resp: 19593
 Ion Ratio Lower Upper
 152 100
 150 150.2 115.0 172.4
 115 60.1 43.9 65.9



#5
 2-Fluorophenol
 Concen: 39.35 ng
 RT: 5.65 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BG020040.D
 Acq: 9 Dec 2015 12:38

Tgt Ion:112 Resp: 42659
 Ion Ratio Lower Upper
 112 100
 64 61.5 43.7 65.5
 63 34.5 24.0 36.0





#7

Phenol-d6

Concen: 24.36 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020040.D

Acq: 9 Dec 2015 12:38

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-D-S

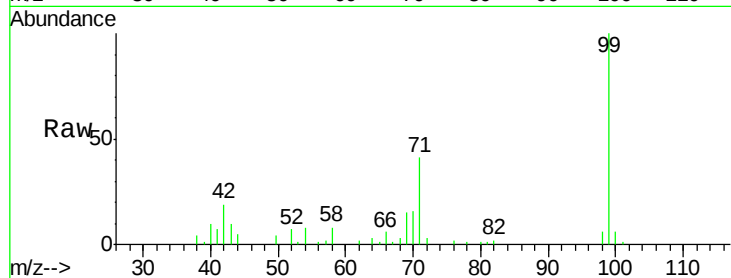
Tgt Ion: 99 Resp: 39872

Ion Ratio Lower Upper

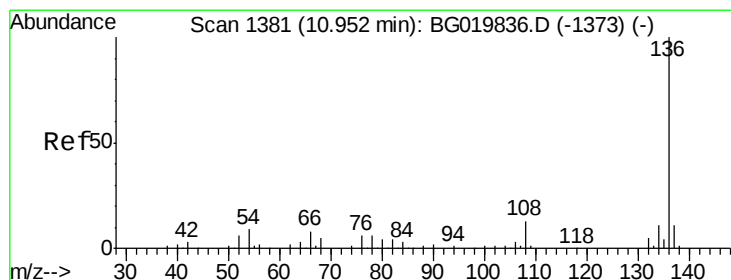
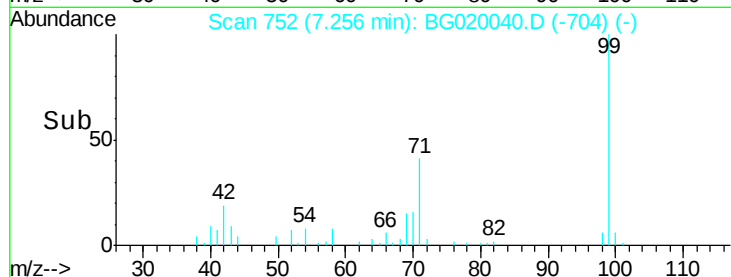
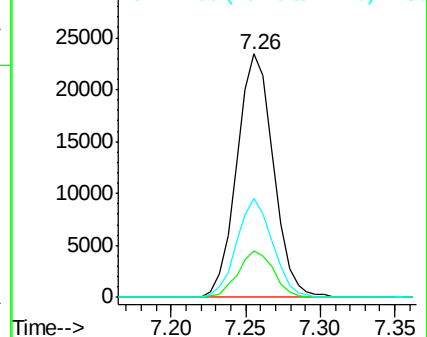
99 100

42 19.1 11.5 17.3#

71 40.7 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: BG020040.D

Acq: 9 Dec 2015 12:38

Tgt Ion: 136 Resp: 85877

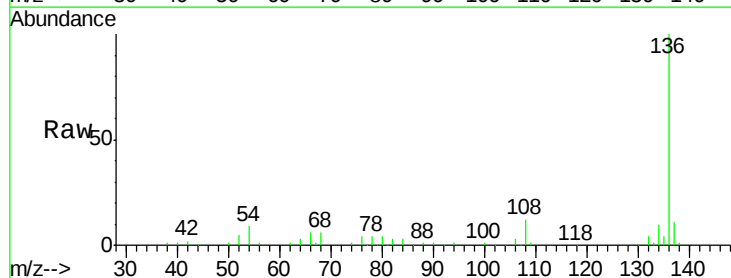
Ion Ratio Lower Upper

136 100

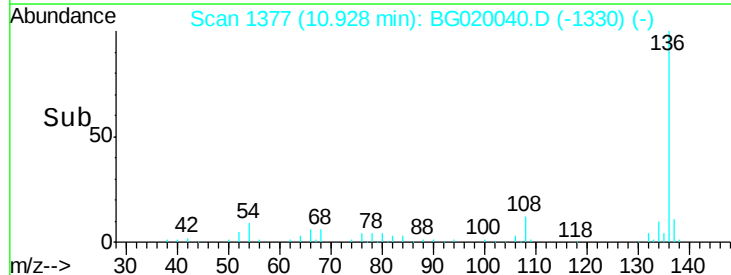
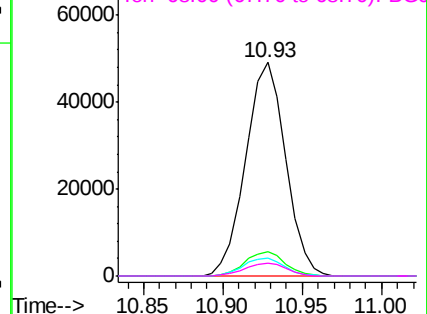
137 11.1 8.6 12.8

54 8.6 5.4 8.2#

68 5.8 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

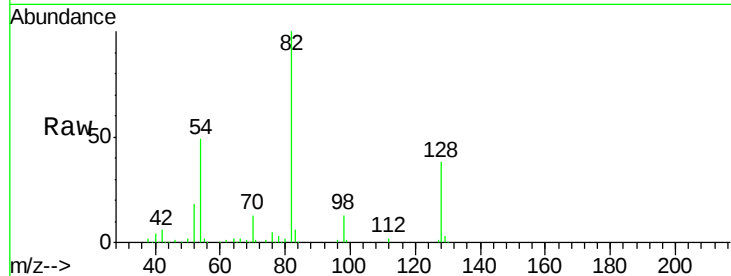




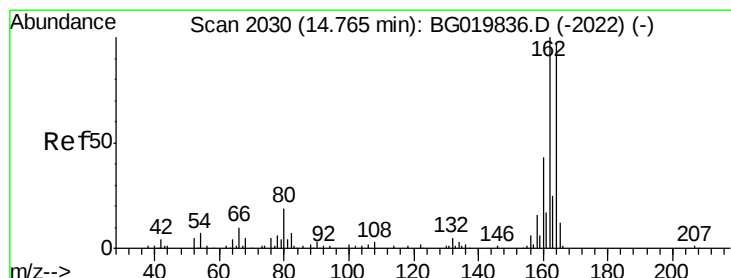
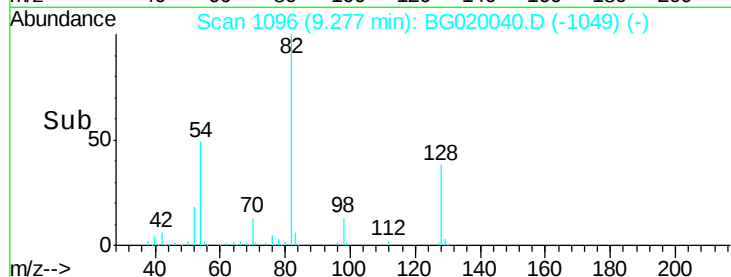
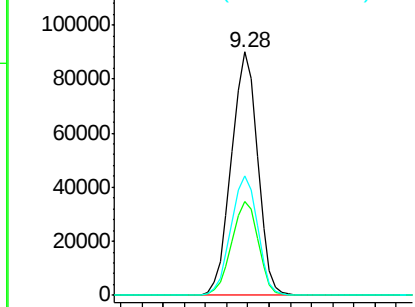
#23
 Nitrobenzene-d5
 Concen: 91.76 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020040.D
 Acq: 9 Dec 2015 12:38

Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	36.7	55.1
54	49.1	33.8	50.8

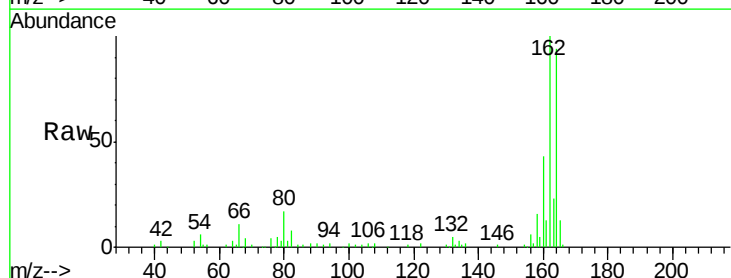


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

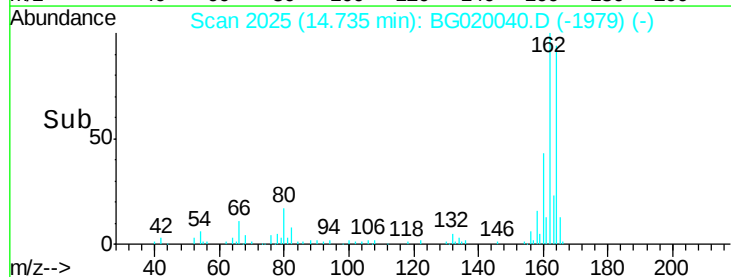
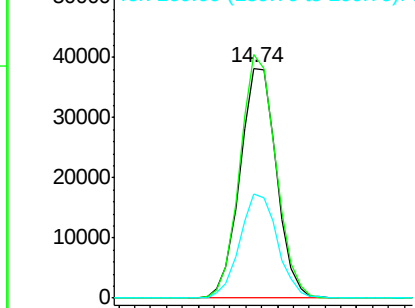


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020040.D
 Acq: 9 Dec 2015 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.8	118.2
160	45.2	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

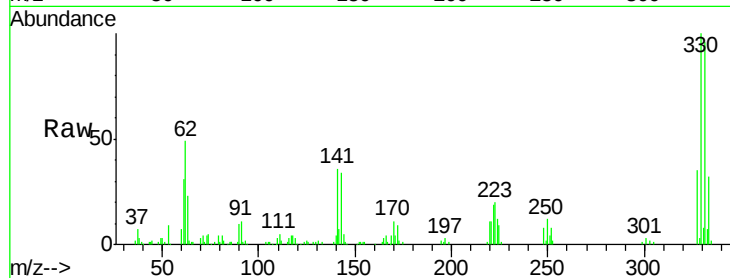




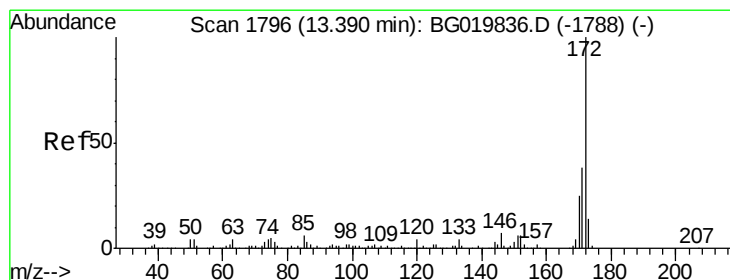
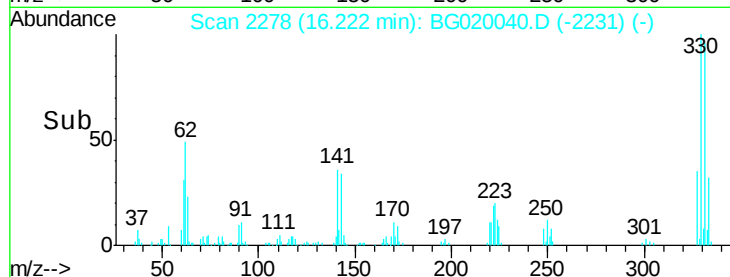
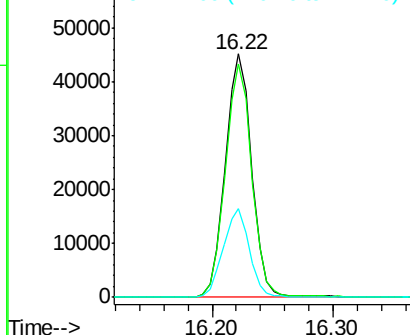
#41
 2,4,6-Tribromophenol
 Concen: 73.51 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020040.D
 Acq: 9 Dec 2015 12:38

Instrument :
 BNA_G
 ClientSampleId :
 120315-A263-F-D-S

Tgt Ion:330 Resp: 68520
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.1 117.1
 141 35.6 28.2 42.2

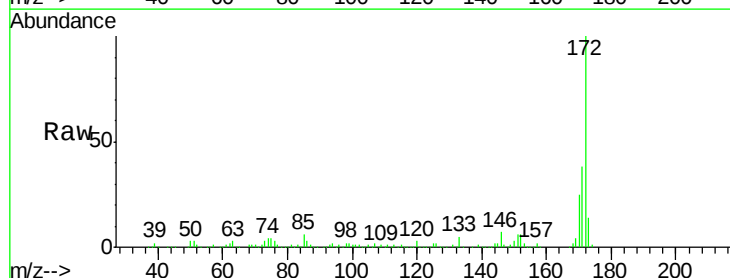


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

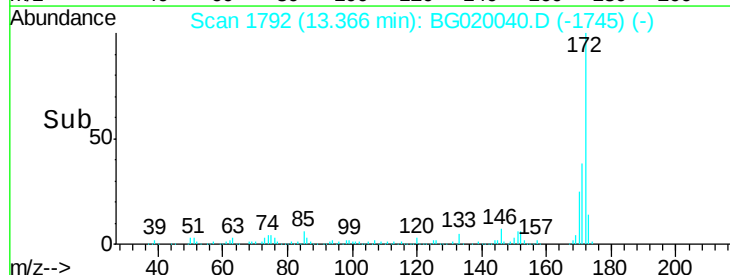
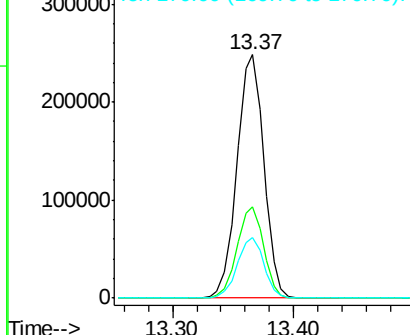


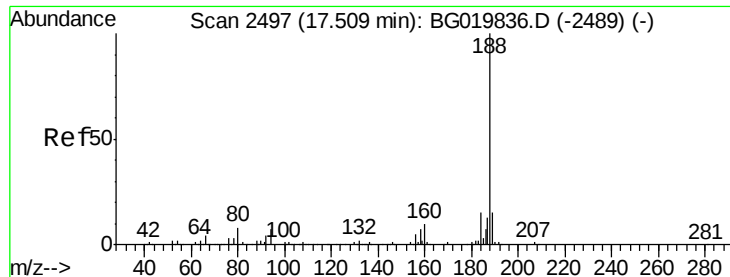
#44
 2-Fluorobiphenyl
 Concen: 86.65 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020040.D
 Acq: 9 Dec 2015 12:38

Tgt Ion:172 Resp: 386642
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 24.9 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

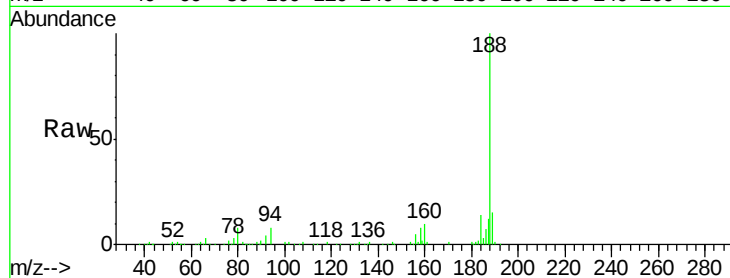




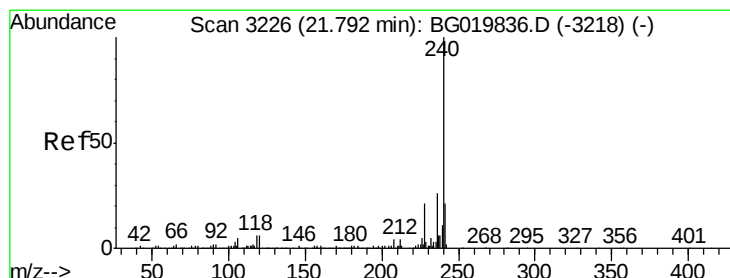
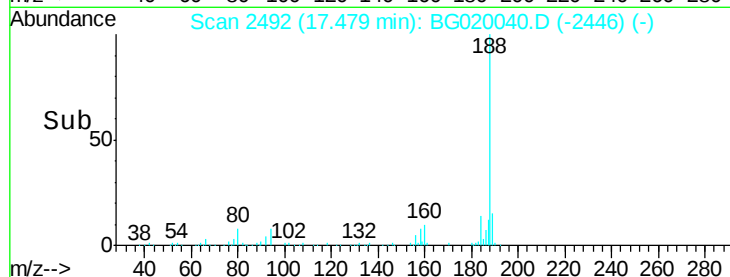
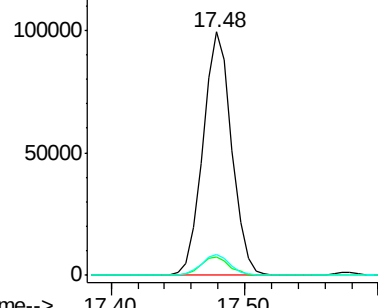
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020040.D
Acq: 9 Dec 2015 12:38

Instrument :
BNA_G
ClientSampleId :
120315-A263-F-D-S

Tgt Ion:188 Resp: 148650
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 8.4 7.8 11.8

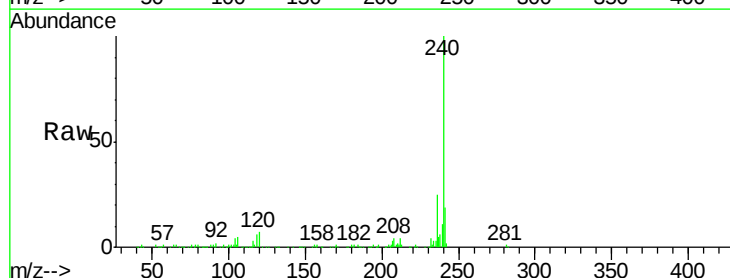


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

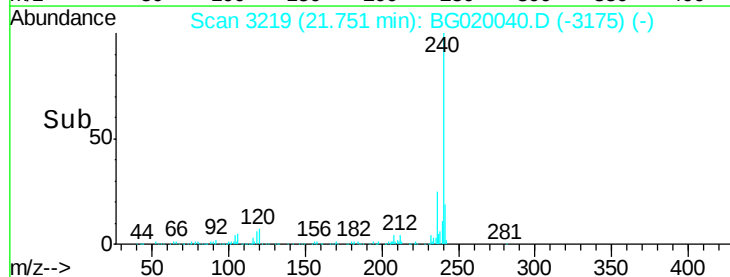
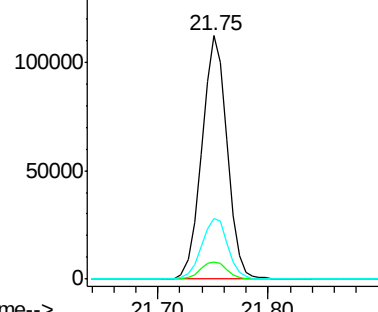


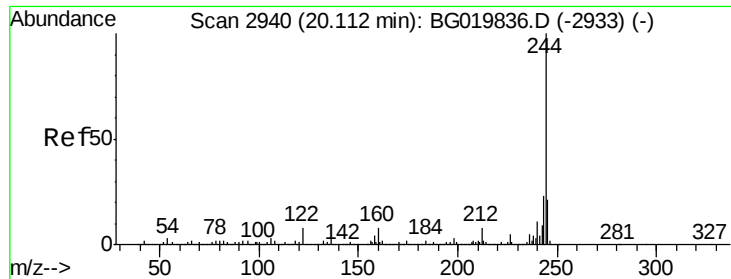
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020040.D
Acq: 9 Dec 2015 12:38

Tgt Ion:240 Resp: 180015
Ion Ratio Lower Upper
240 100
120 7.2 7.4 11.0#
236 24.7 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: 83.07 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020040.D

Acq: 9 Dec 2015 12:38

Instrument :

BNA_G

ClientSampleId :

120315-A263-F-D-S

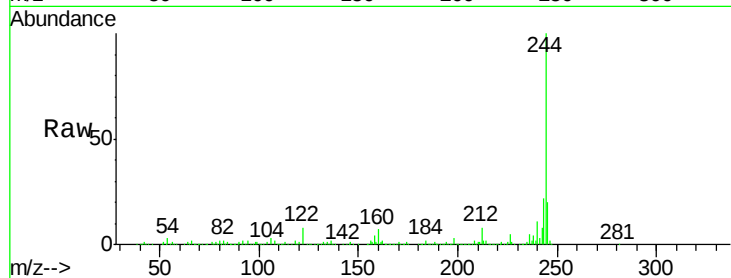
Tgt Ion:244 Resp: 613073

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

122 8.2 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

600000

500000

400000

300000

200000

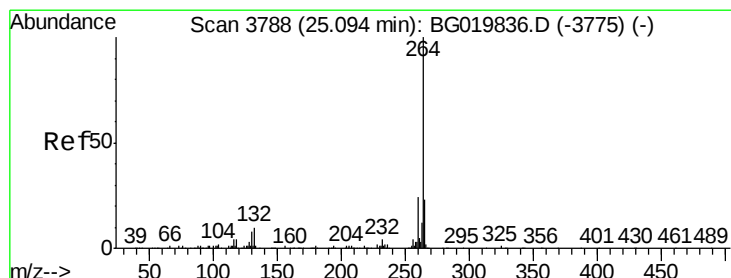
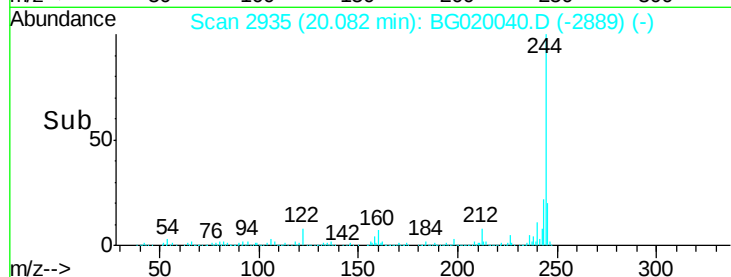
100000

0

20.08

20.00 20.10 20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.07 min

Lab File: BG020040.D

Acq: 9 Dec 2015 12:38

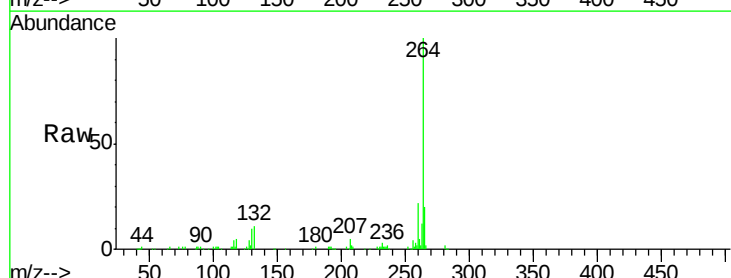
Tgt Ion:264 Resp: 168059

Ion Ratio Lower Upper

264 100

260 21.8 18.5 27.7

265 20.4 17.2 25.8



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

80000

60000

40000

20000

0

25.03

24.90 25.00 25.10

Time-->

