

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019851.D
 Acq On : 3 Dec 2015 1:48
 Operator : UM/NP
 Sample : G4624-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(10-15)

Quant Time: Dec 03 05:38:55 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

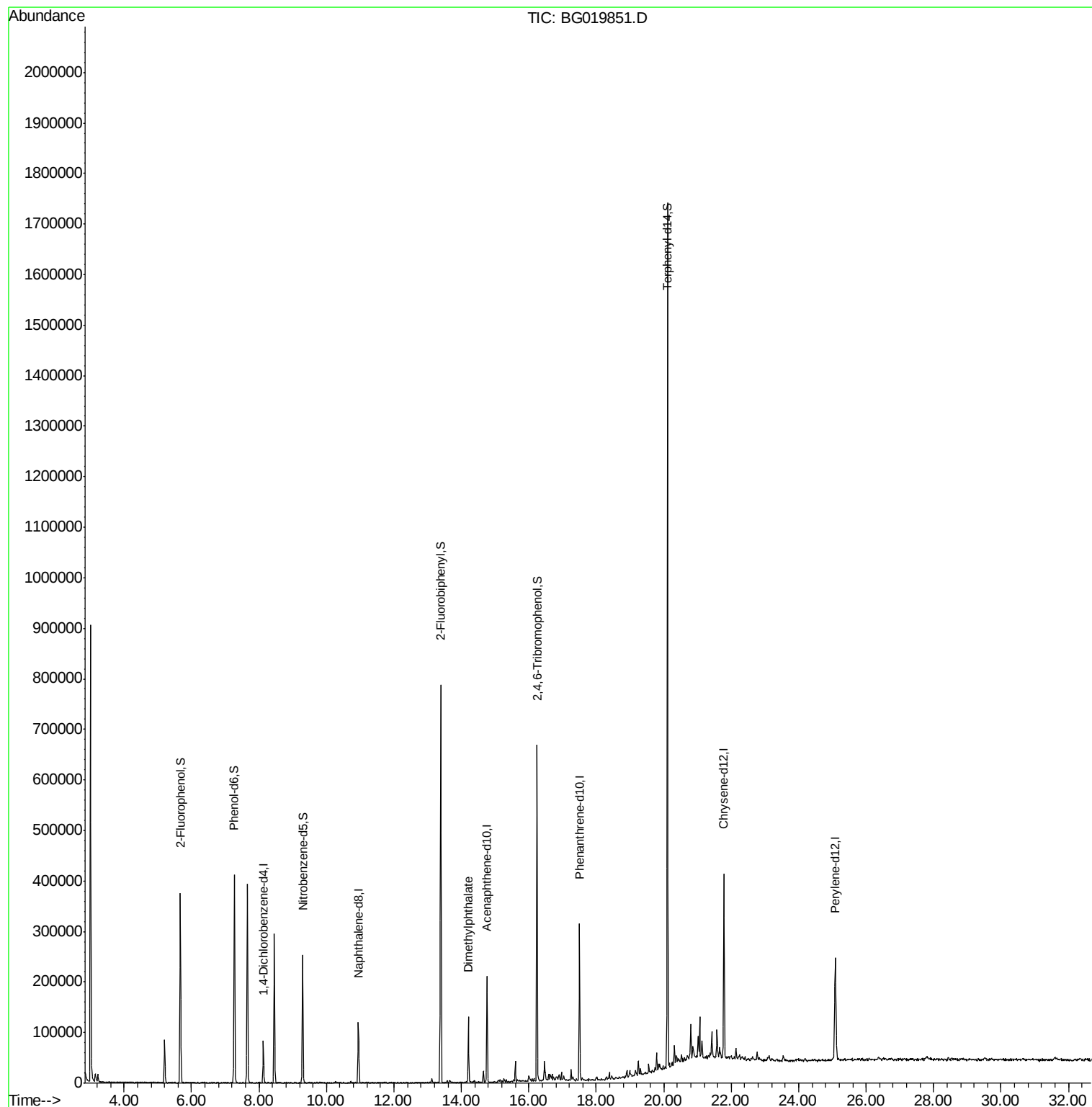
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	22351	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	96188	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	68460	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	180249	20.00	ng	0.00
75) Chrysene-d12	21.79	240	233014	20.00	ng	0.00
86) Perylene-d12	25.08	264	222553	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	145693	117.81	ng	0.00
7) Phenol-d6	7.27	99	225935	121.00	ng	0.00
23) Nitrobenzene-d5	9.29	82	150841	80.03	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	114904	109.69	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	386183	77.02	ng	0.00
78) Terphenyl-d14	20.11	244	737157	77.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.21	163	77347	12.56	ng	Qvalue # 97

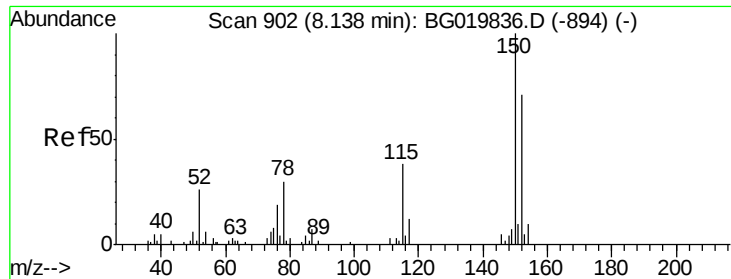
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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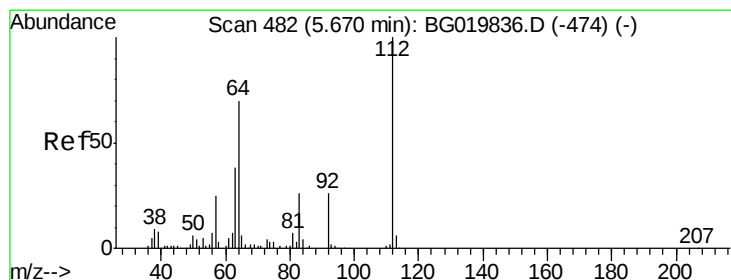
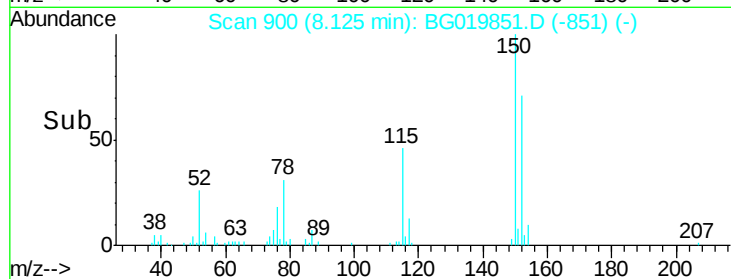
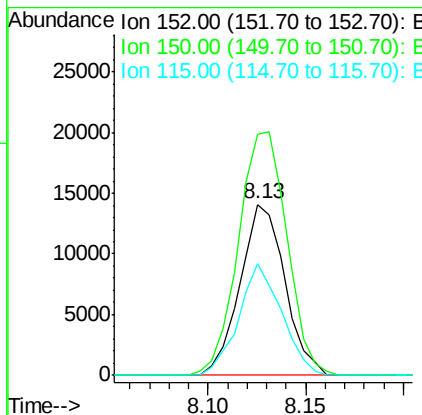
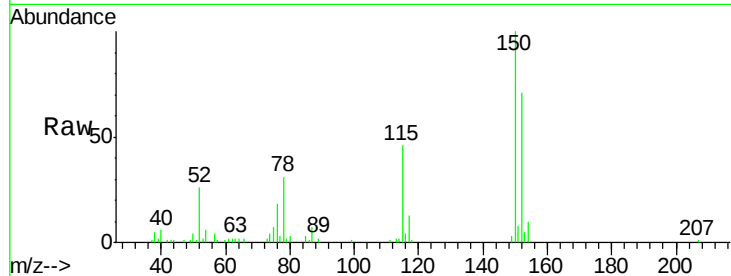


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG019851.D
Acq: 3 Dec 2015 1:48

Instrument :
BNA_G
ClientSampleId :
SB-1(10-15)

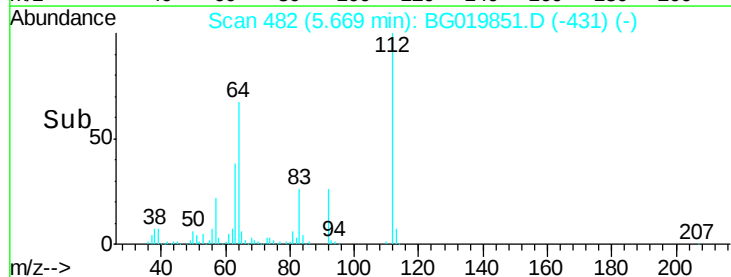
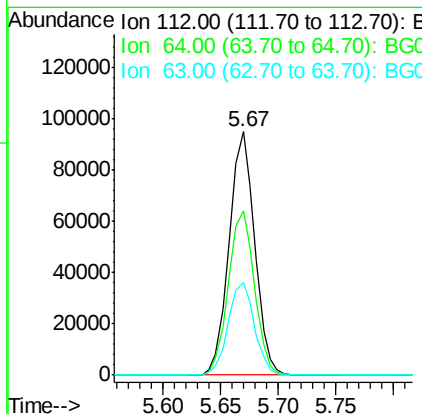
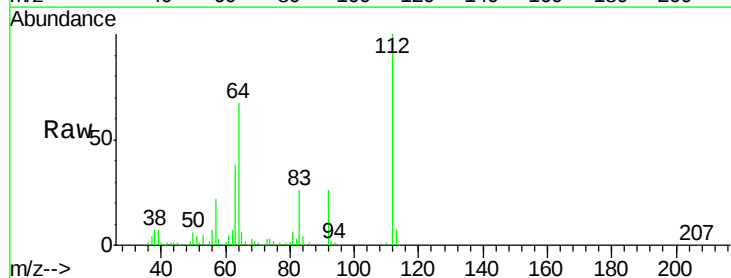
Tgt Ion:152 Resp: 22351
Ion Ratio Lower Upper
152 100
150 141.3 115.0 172.4
115 65.1 43.9 65.9

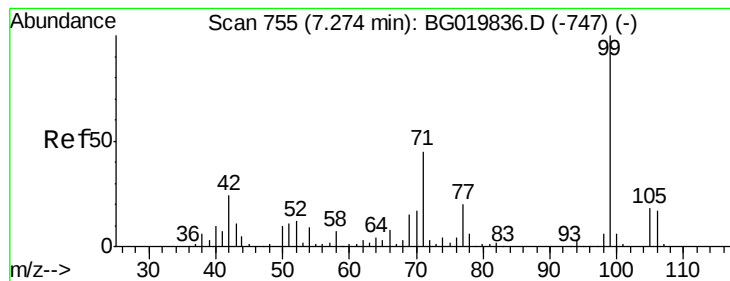


#5

2-Fluorophenol
Concen: 117.81 ng
RT: 5.67 min Scan# 482
Delta R.T. 0.00 min
Lab File: BG019851.D
Acq: 3 Dec 2015 1:48

Tgt Ion:112 Resp: 145693
Ion Ratio Lower Upper
112 100
64 67.5 43.7 65.5#
63 38.1 24.0 36.0#





#7

Phenol-d6

Concen: 121.00 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG019851.D

Acq: 3 Dec 2015 1:48

Instrument :

BNA_G

ClientSampleId :

SB-1(10-15)

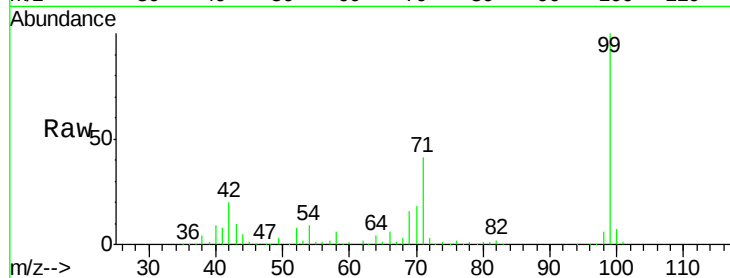
Tgt Ion: 99 Resp: 225935

Ion Ratio Lower Upper

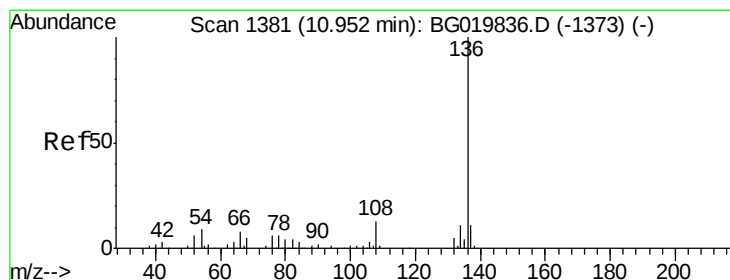
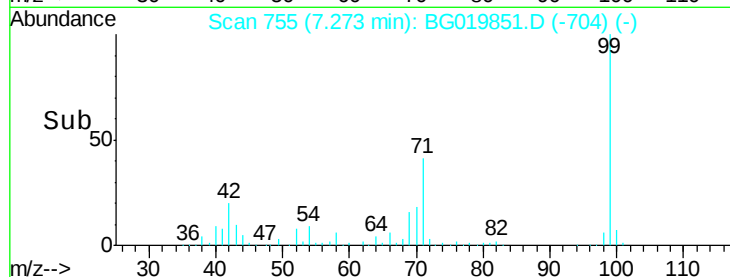
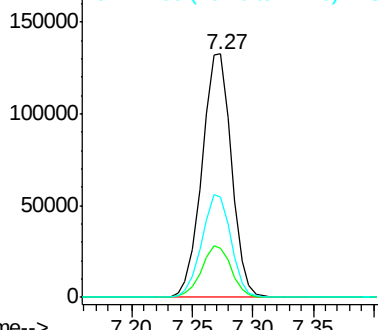
99 100

42 20.2 11.5 17.3#

71 41.3 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: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG019851.D

Acq: 3 Dec 2015 1:48

Tgt Ion: 136 Resp: 96188

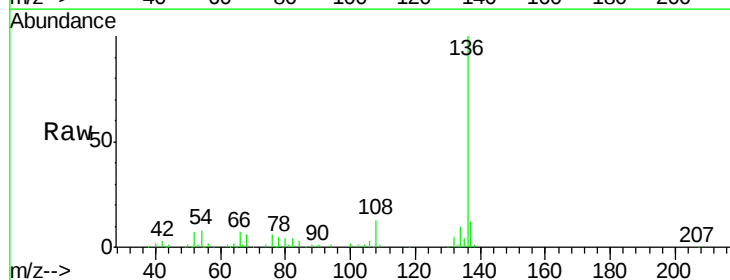
Ion Ratio Lower Upper

136 100

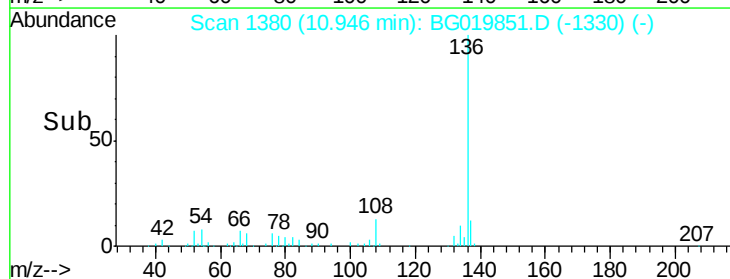
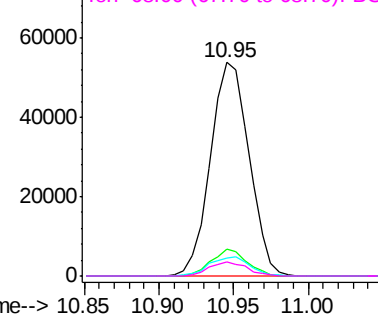
137 12.4 8.6 12.8

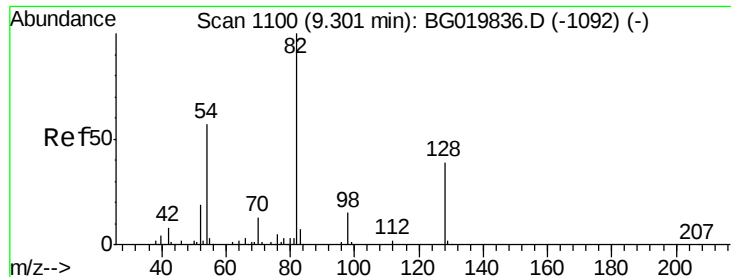
54 8.9 5.4 8.2#

68 6.4 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

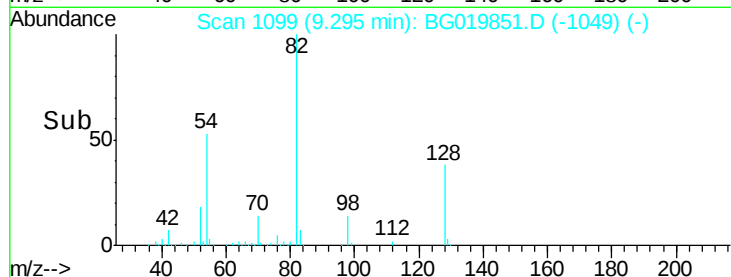
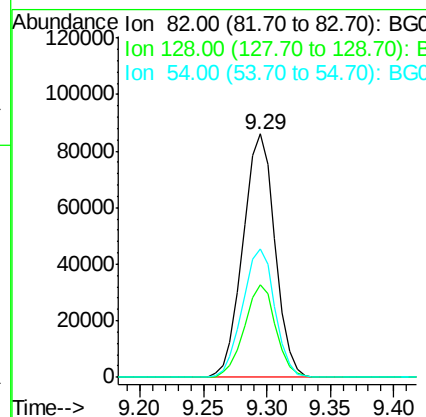
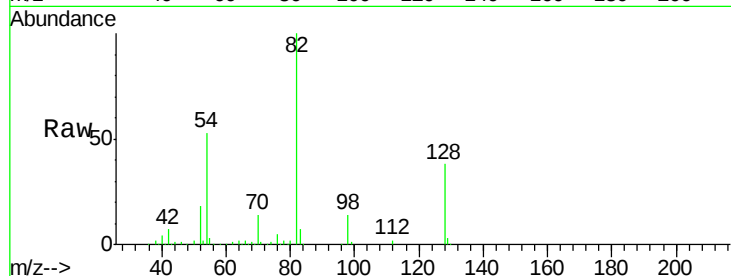




#23
 Nitrobenzene-d5
 Concen: 80.03 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG019851.D
 Acq: 3 Dec 2015 1:48

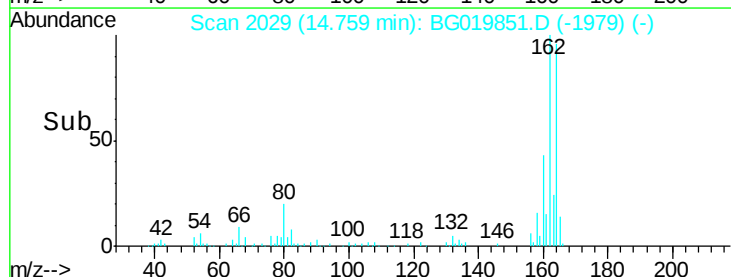
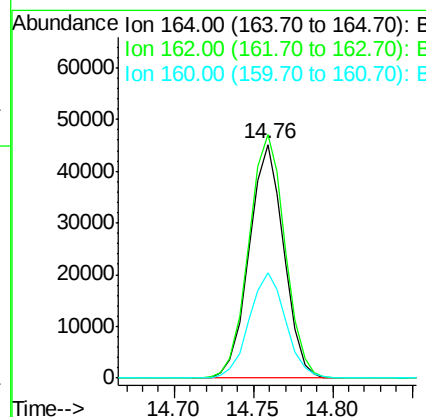
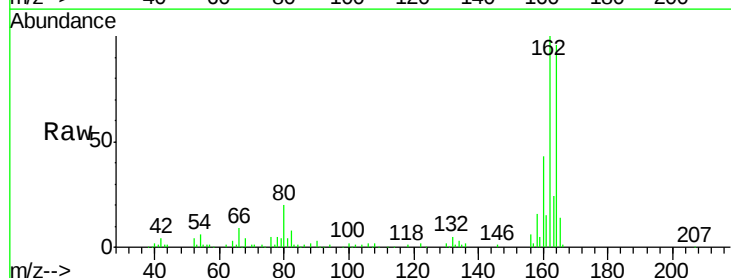
Instrument :
 BNA_G
 ClientSampleId :
 SB-1(10-15)

Tgt Ion: 82 Resp: 150841
 Ion Ratio Lower Upper
 82 100
 128 38.2 36.7 55.1
 54 52.8 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG019851.D
 Acq: 3 Dec 2015 1:48

Tgt Ion: 164 Resp: 68460
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.8 118.2
 160 45.2 36.4 54.6

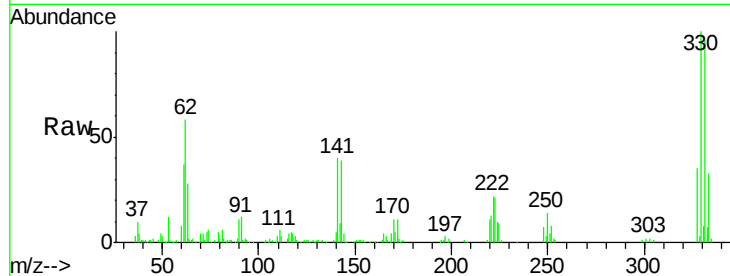




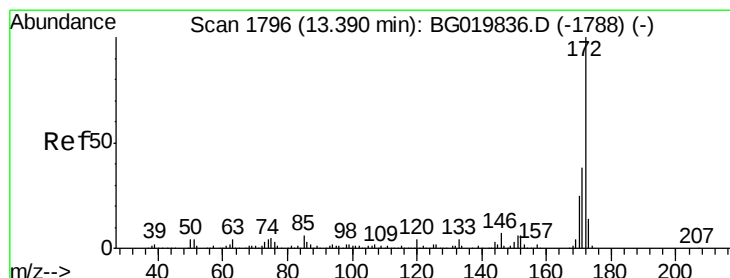
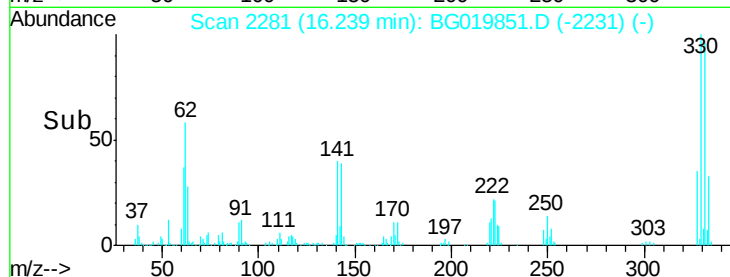
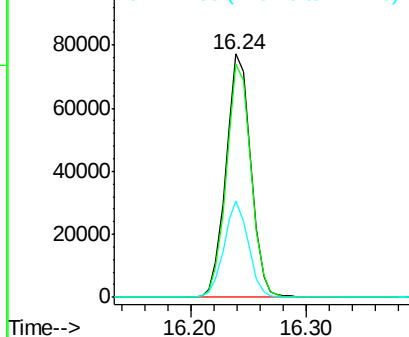
#41
 2,4,6-Tribromophenol
 Concen: 109.69 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019851.D
 Acq: 3 Dec 2015 1:48

Instrument :
 BNA_G
 ClientSampled :
 SB-1(10-15)

Tgt Ion:330 Resp: 114904
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.1 117.1
 141 38.6 28.2 42.2

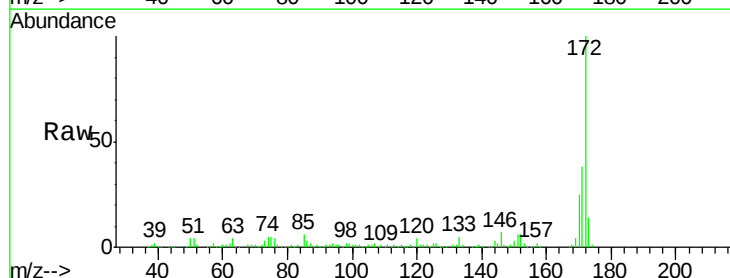


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

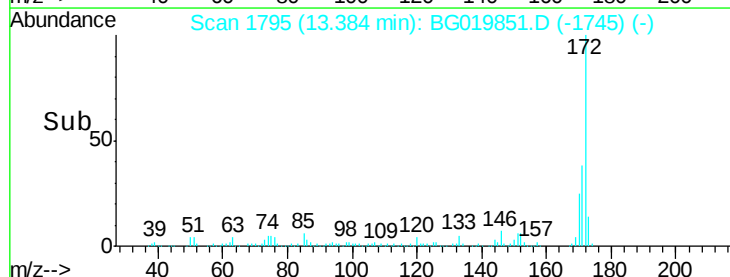
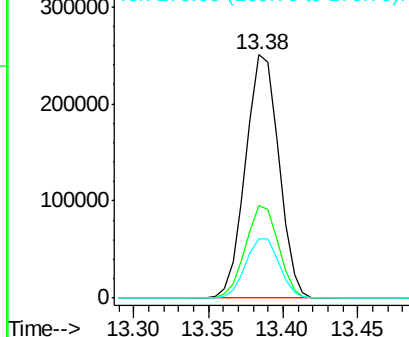


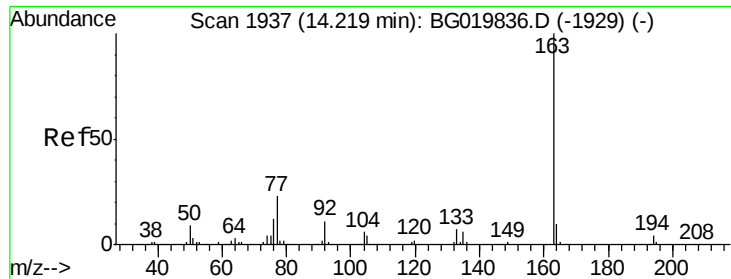
#44
 2-Fluorobiphenyl
 Concen: 77.02 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019851.D
 Acq: 3 Dec 2015 1:48

Tgt Ion:172 Resp: 386183
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.0 43.6
 170 24.6 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: 12.56 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG019851.D

Acq: 3 Dec 2015 1:48

Instrument :

BNA_G

ClientSampleId :

SB-1(10-15)

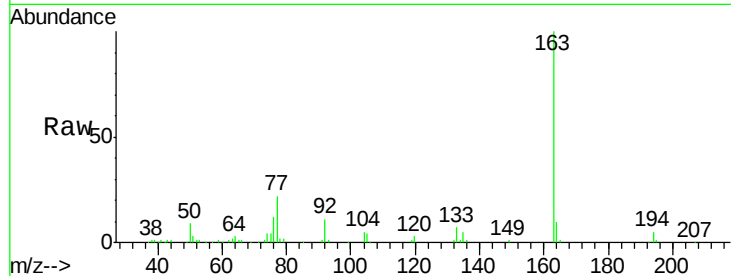
Tgt Ion:163 Resp: 77347

Ion Ratio Lower Upper

163 100

194 4.7 3.1 4.7#

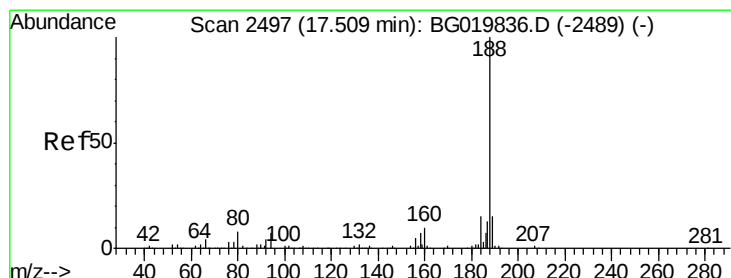
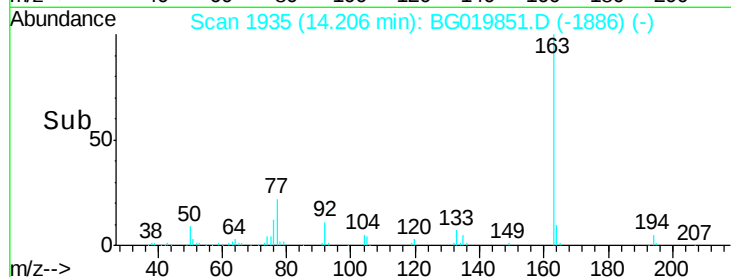
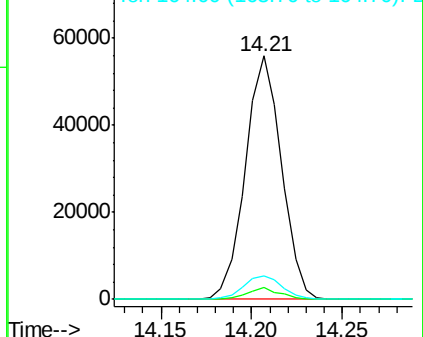
164 9.5 8.8 13.2



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: 17.50 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BG019851.D

Acq: 3 Dec 2015 1:48

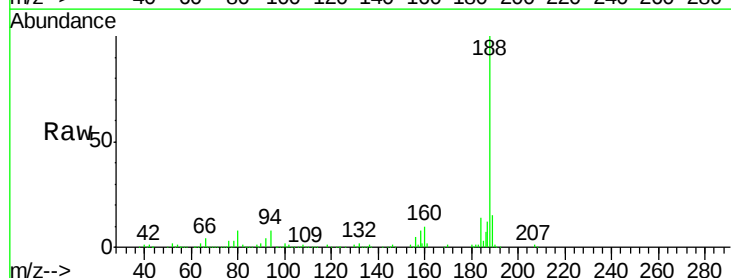
Tgt Ion:188 Resp: 180249

Ion Ratio Lower Upper

188 100

94 7.6 7.7 11.5#

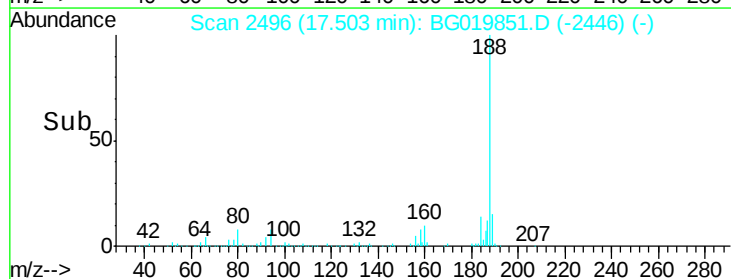
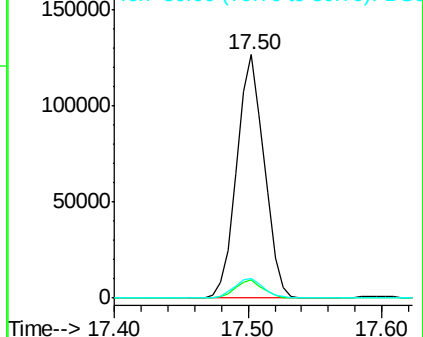
80 7.9 7.8 11.8

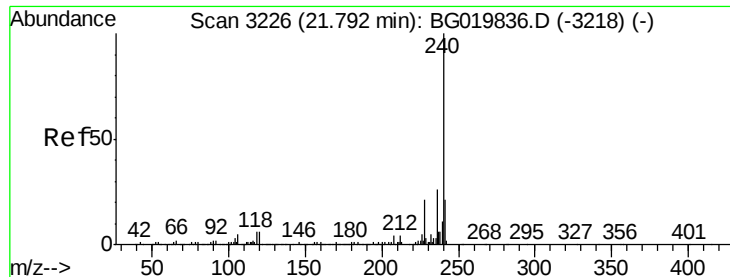


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.79 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG019851.D

Acq: 3 Dec 2015 1:48

Instrument :

BNA_G

ClientSampleId :

SB-1(10-15)

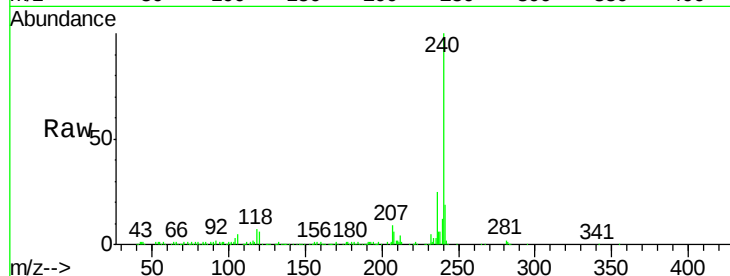
Tgt Ion:240 Resp: 233014

Ion Ratio Lower Upper

240 100

120 6.0 7.4 11.0#

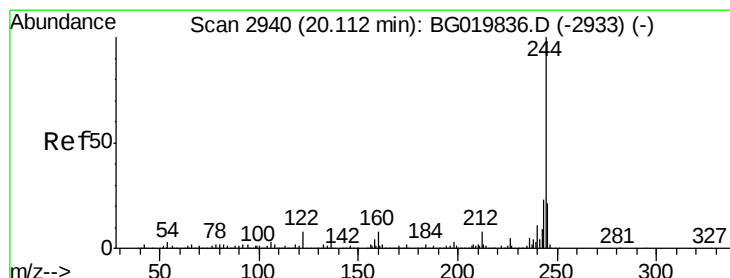
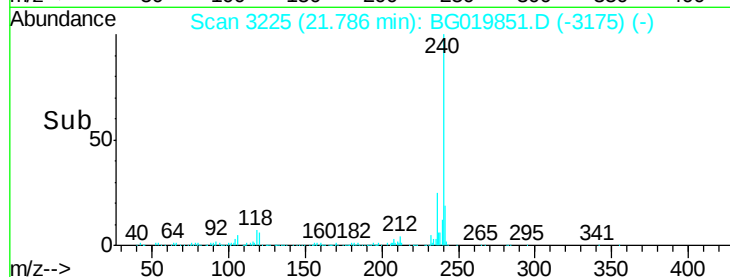
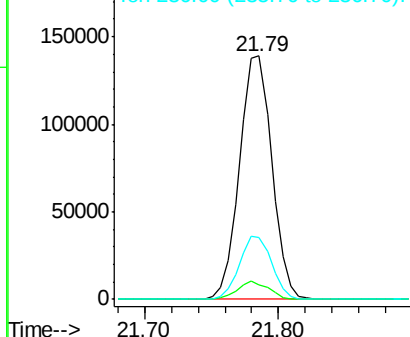
236 25.4 20.7 31.1



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: 77.16 ng

RT: 20.11 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG019851.D

Acq: 3 Dec 2015 1:48

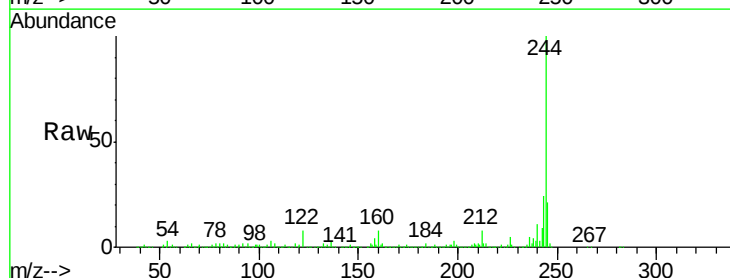
Tgt Ion:244 Resp: 737157

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

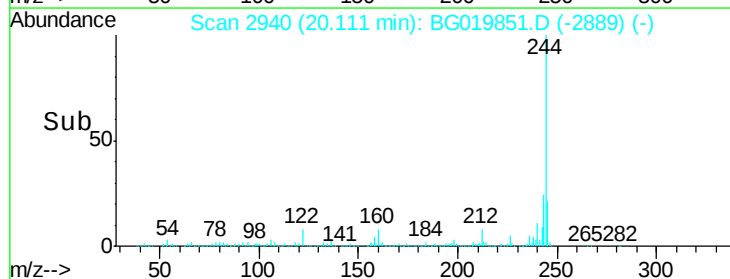
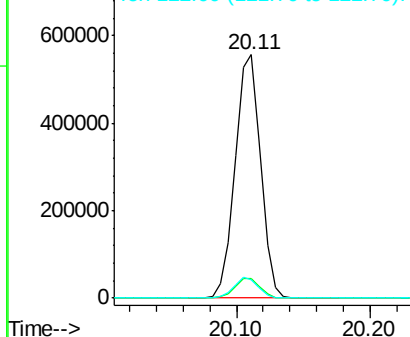
122 7.7 10.2 15.2#



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
Perylene-d12
Concen: 20.00 ng
RT: 25.08 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BG019851.D
Acq: 3 Dec 2015 1:48

Instrument :
BNA_G
ClientSampleId :
SB-1(10-15)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.5	17.2	25.8

