

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
 Data File : BG019886.D
 Acq On : 4 Dec 2015 1:12
 Operator : UM/NP
 Sample : G4598-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-U-S

Quant Time: Dec 04 02:54:47 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	8.12	152	25071	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	108292	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	80023	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	208696	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	258033	20.00	ng	-0.02
86) Perylene-d12	25.06	264	243736	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	62643	45.16	ng	0.00
7) Phenol-d6	7.26	99	58731	28.04	ng	-0.02
23) Nitrobenzene-d5	9.29	82	209396	98.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	107476	87.78	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	538745	91.92	ng	-0.01
78) Terphenyl-d14	20.10	244	972872	91.96	ng	-0.02

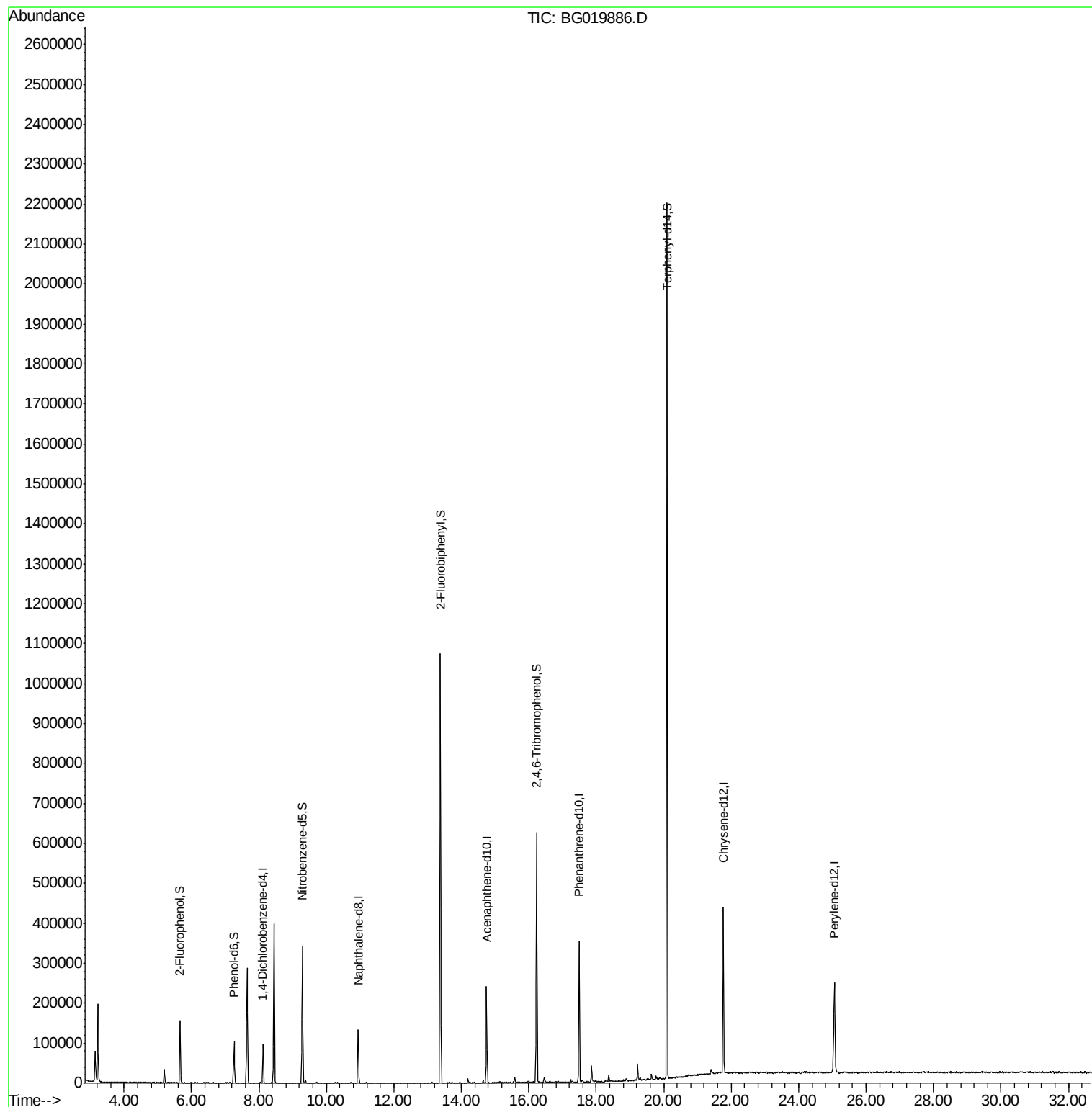
Target Compounds	Qvalue
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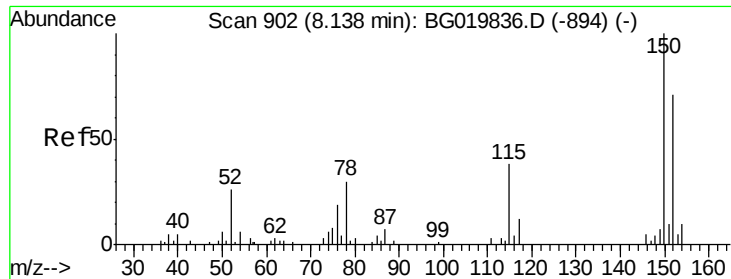
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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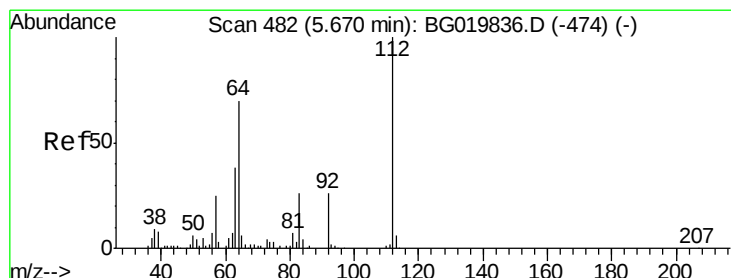
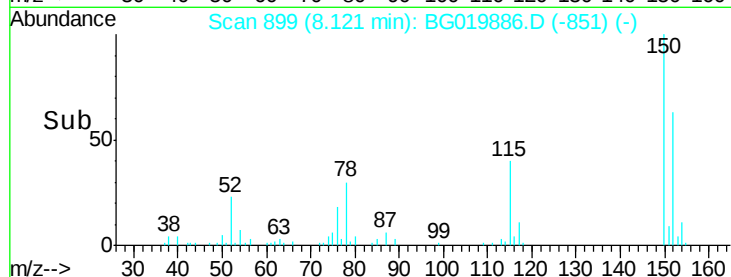
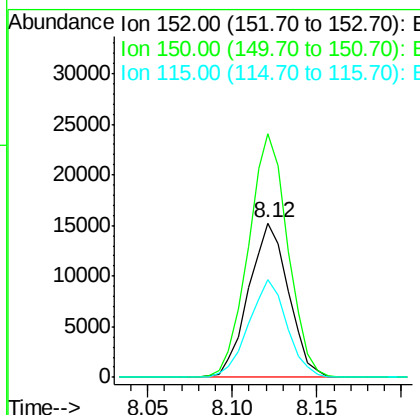
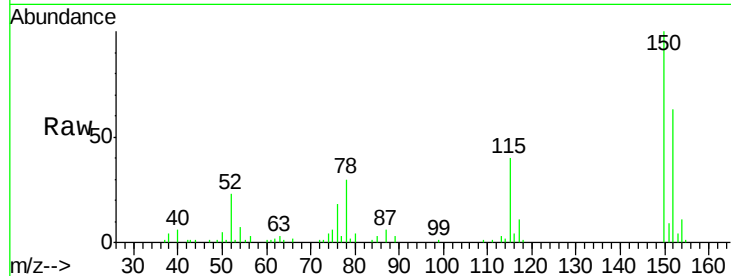




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 899
 Delta R.T. -0.02 min
 Lab File: BG019886.D
 Acq: 4 Dec 2015 1:12

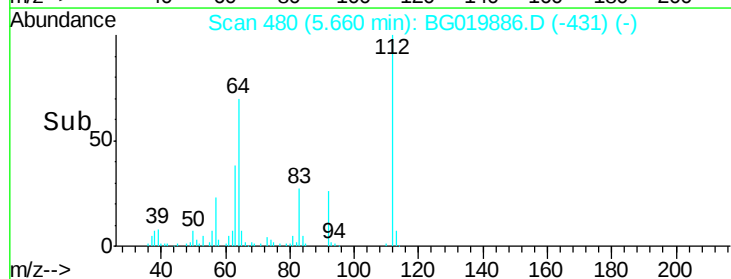
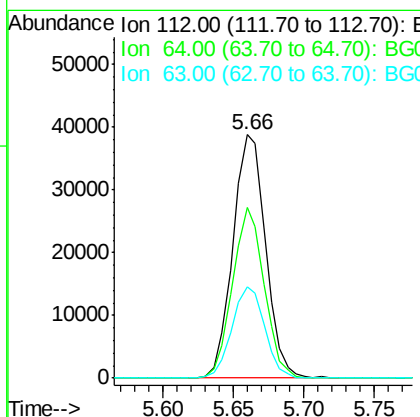
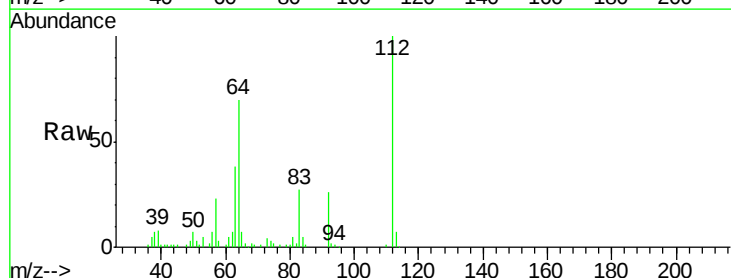
Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-U-S

Tgt Ion:152 Resp: 25071
 Ion Ratio Lower Upper
 152 100
 150 157.6 115.0 172.4
 115 63.5 43.9 65.9



#5
 2-Fluorophenol
 Concen: 45.16 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG019886.D
 Acq: 4 Dec 2015 1:12

Tgt Ion:112 Resp: 62643
 Ion Ratio Lower Upper
 112 100
 64 70.4 43.7 65.5#
 63 37.6 24.0 36.0#





#7

Phenol-d6

Concen: 28.04 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-S

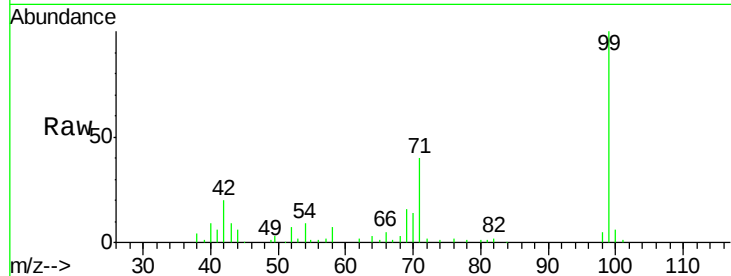
Tgt Ion: 99 Resp: 58731

Ion Ratio Lower Upper

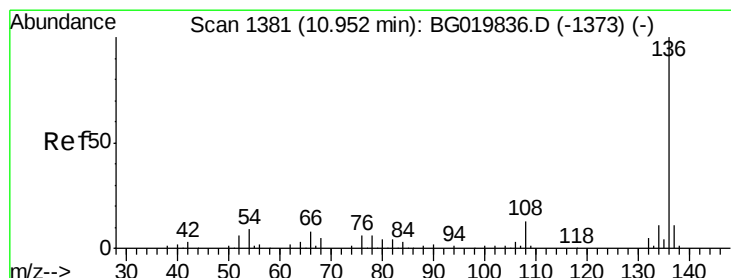
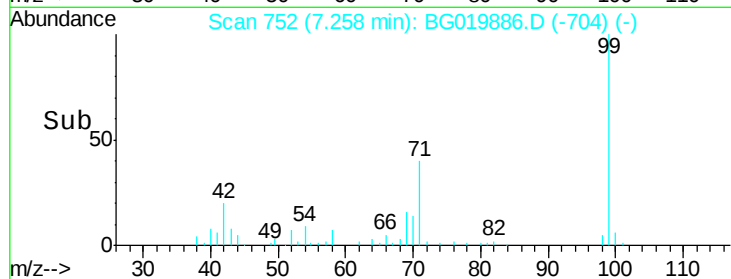
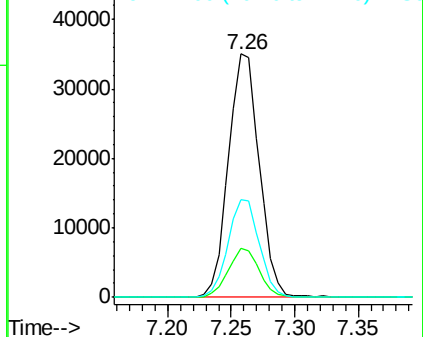
99 100

42 20.4 11.5 17.3#

71 40.1 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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

Tgt Ion: 136 Resp: 108292

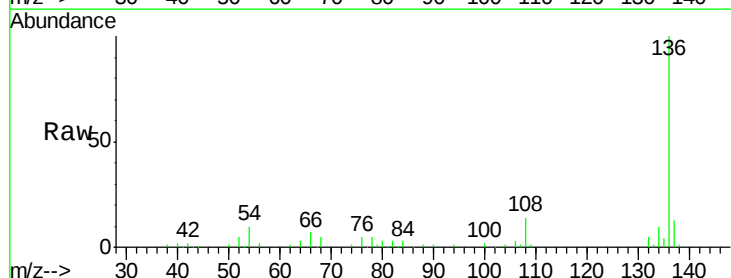
Ion Ratio Lower Upper

136 100

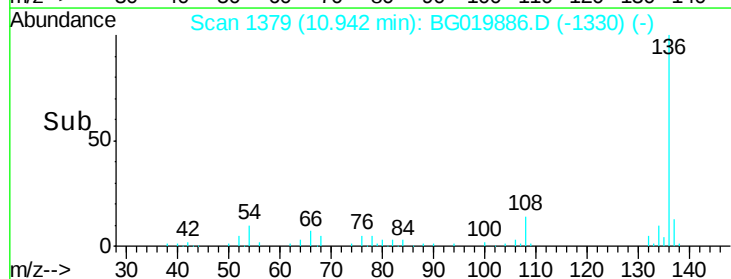
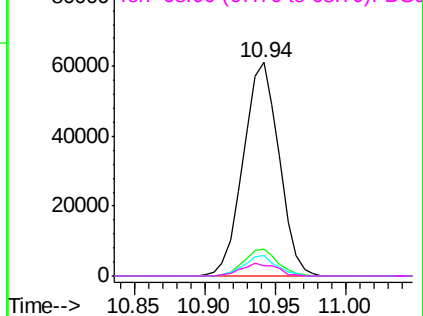
137 12.5 8.6 12.8

54 9.8 5.4 8.2#

68 4.6 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

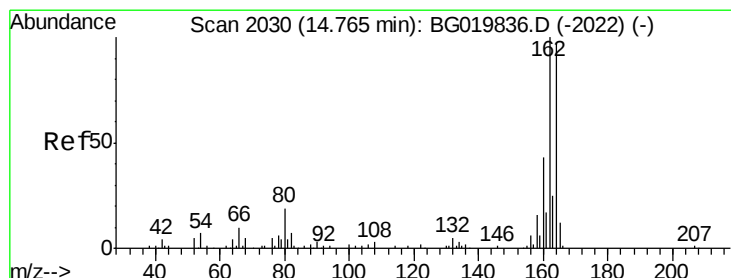
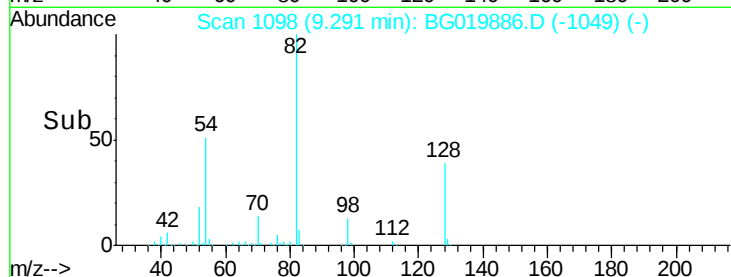
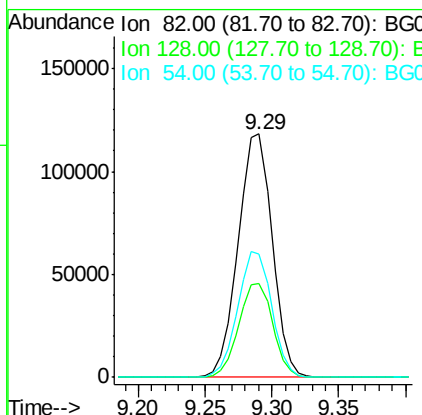
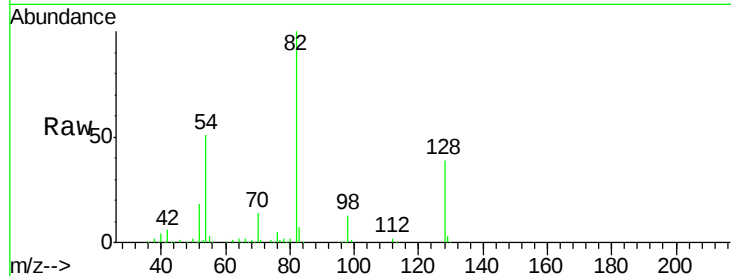




#23
Nitrobenzene-d5
Concen: 98.68 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019886.D
Acq: 4 Dec 2015 1:12

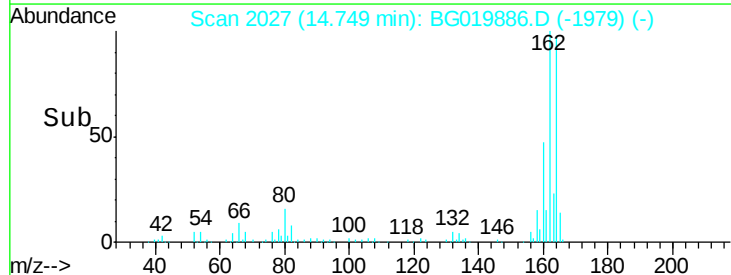
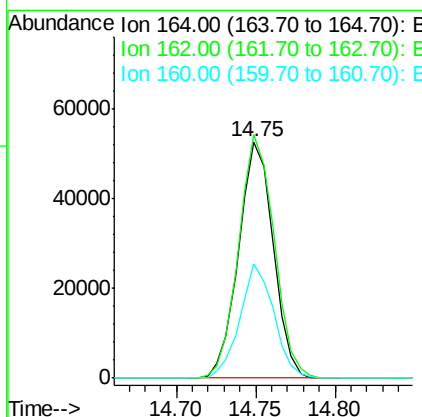
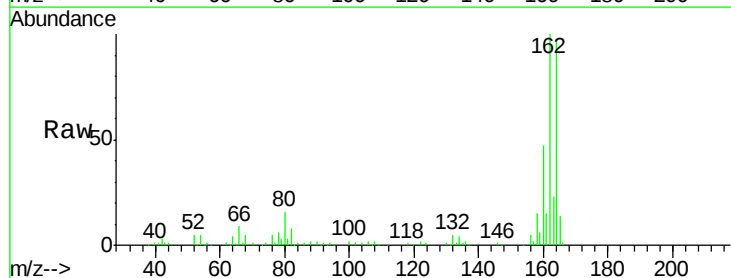
Instrument :
BNA_G
ClientSampleId :
113015-A263-F-U-S

Tgt Ion: 82 Resp: 209396
Ion Ratio Lower Upper
82 100
128 38.6 36.7 55.1
54 50.9 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019886.D
Acq: 4 Dec 2015 1:12

Tgt Ion: 164 Resp: 80023
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 48.3 36.4 54.6

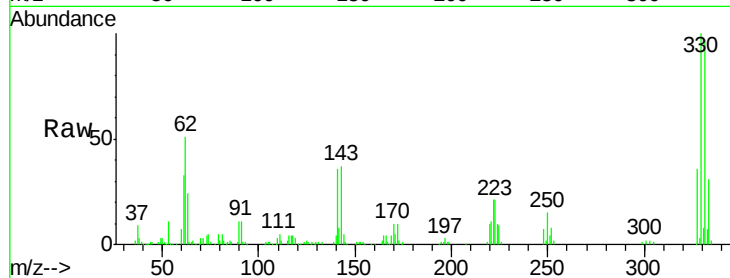




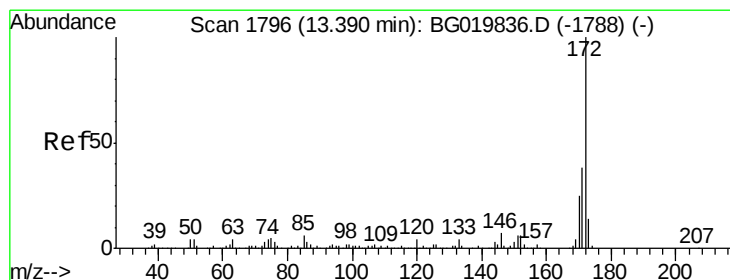
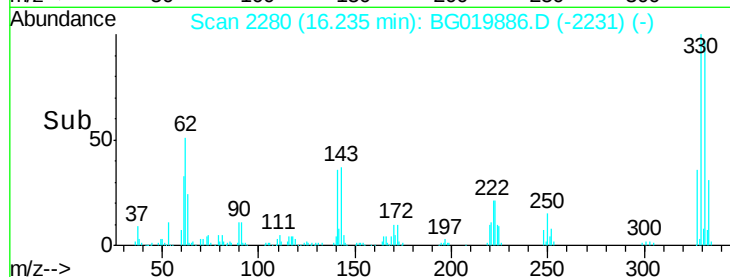
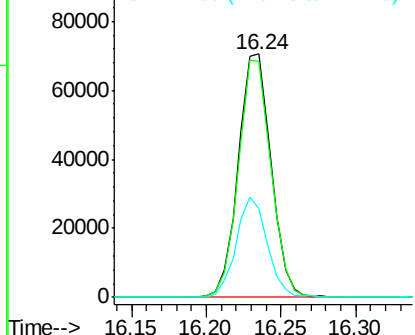
#41
 2,4,6-Tribromophenol
 Concen: 87.78 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019886.D
 Acq: 4 Dec 2015 1:12

Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-U-S

Tgt Ion:330 Resp: 107476
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.1 117.1
 141 39.4 28.2 42.2

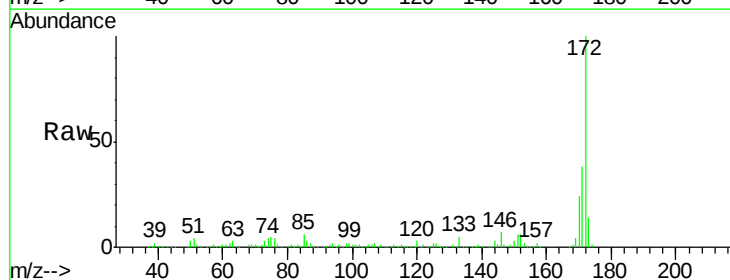


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

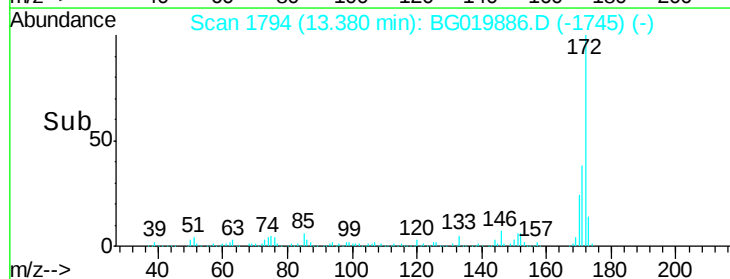
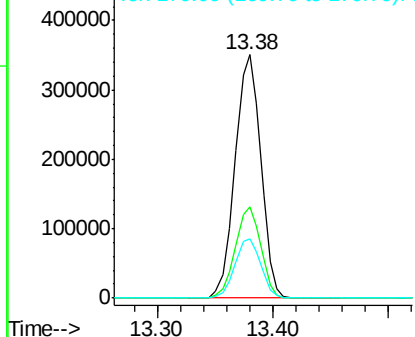


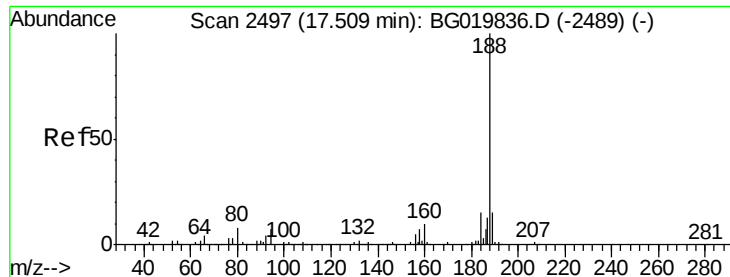
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019886.D
 Acq: 4 Dec 2015 1:12

Tgt Ion:172 Resp: 538745
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.0 43.6
 170 24.4 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: 17.49 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-S

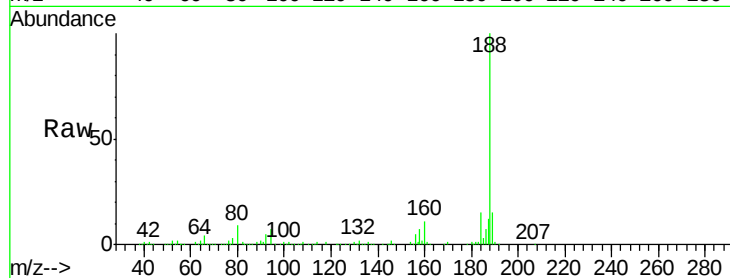
Tgt Ion:188 Resp: 208696

Ion Ratio Lower Upper

188 100

94 7.2 7.7 11.5#

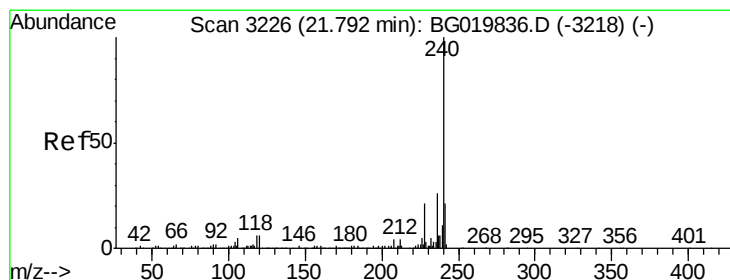
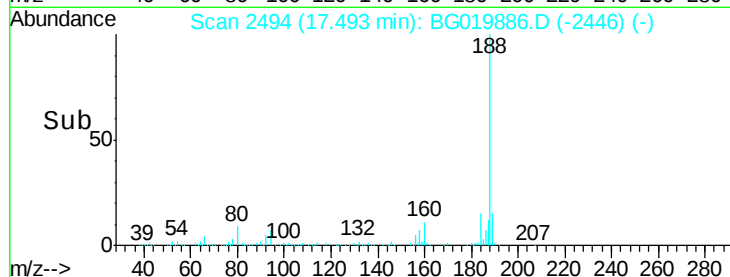
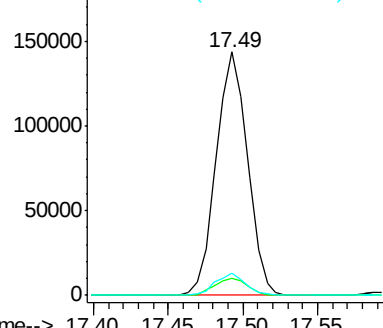
80 9.0 7.8 11.8



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: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

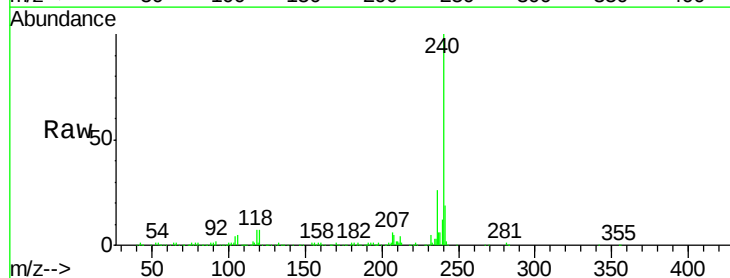
Tgt Ion:240 Resp: 258033

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

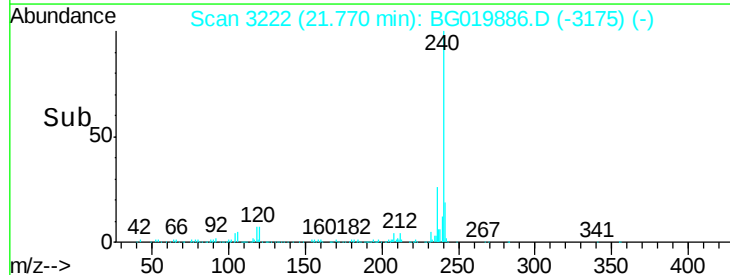
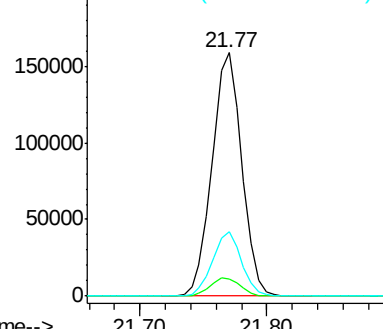
236 26.4 20.7 31.1

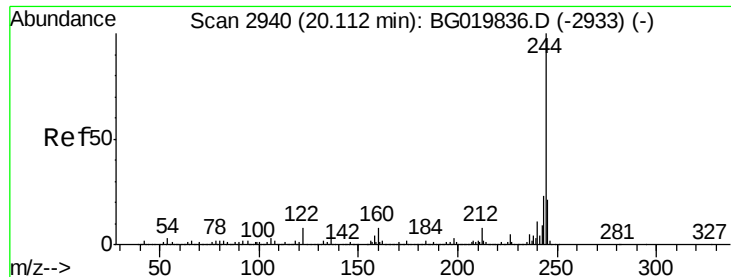


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.96 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-S

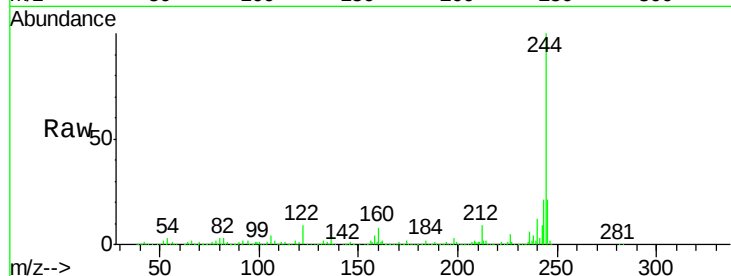
Tgt Ion:244 Resp: 972872

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

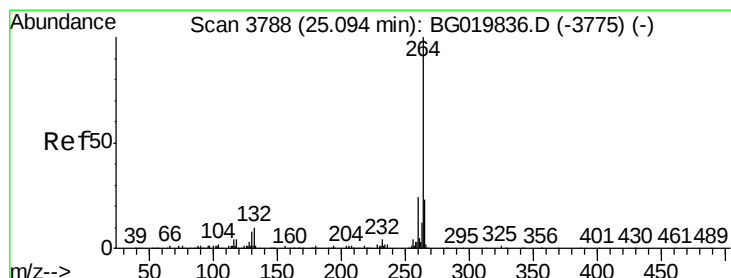
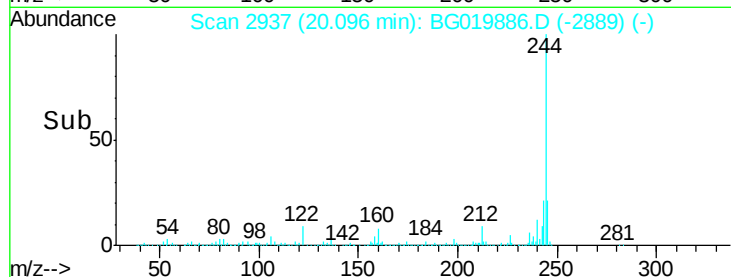
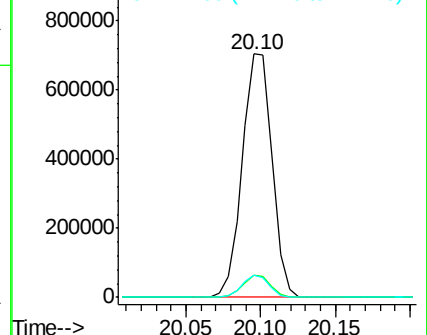
122 9.2 10.2 15.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3782

Delta R.T. -0.03 min

Lab File: BG019886.D

Acq: 4 Dec 2015 1:12

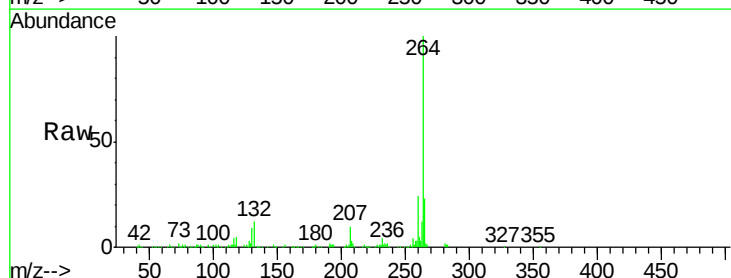
Tgt Ion:264 Resp: 243736

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.6 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

