

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
 Data File : BG019885.D
 Acq On : 4 Dec 2015 00:33
 Operator : UM/NP
 Sample : G4598-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Dec 04 02:54:31 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	25044	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	111265	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	81632	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	210480	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	258093	20.00	ng	-0.02
86) Perylene-d12	25.07	264	242301	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	63292	45.68	ng	-0.01
7) Phenol-d6	7.26	99	58644	28.03	ng	-0.01
23) Nitrobenzene-d5	9.28	82	206103	94.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	111439	89.22	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	522894	87.46	ng	-0.01
78) Terphenyl-d14	20.09	244	950187	89.80	ng	-0.02

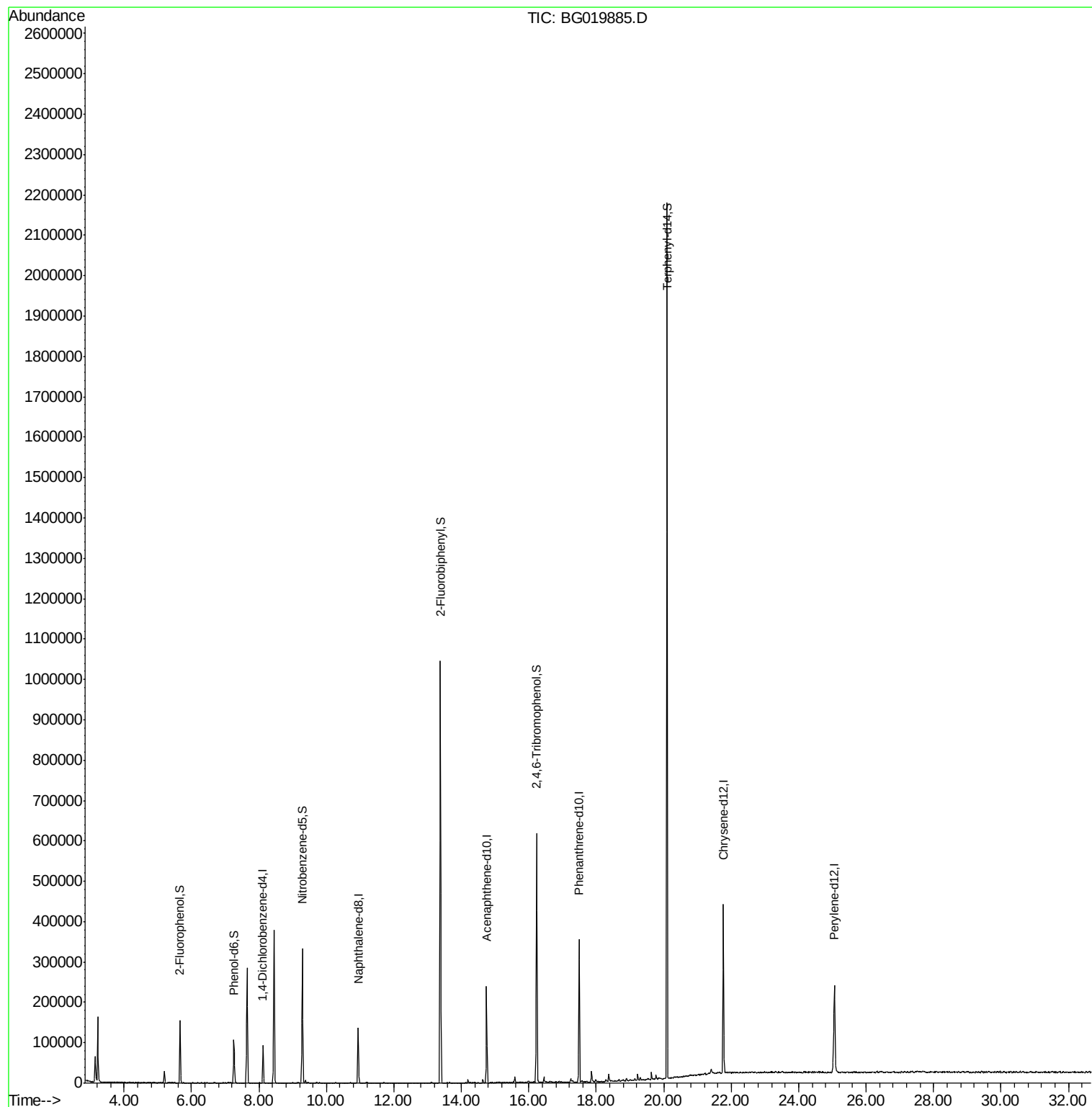
Target Compounds	Qvalue
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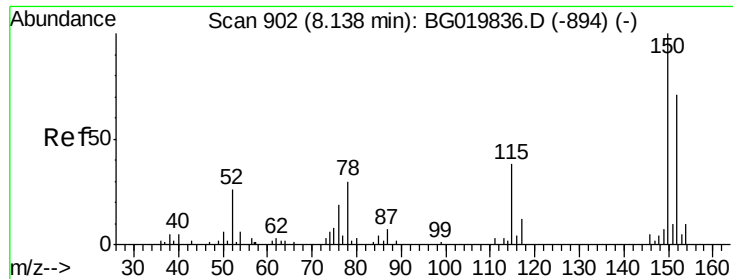
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019885.D

Acq: 4 Dec 2015 00:33

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-B

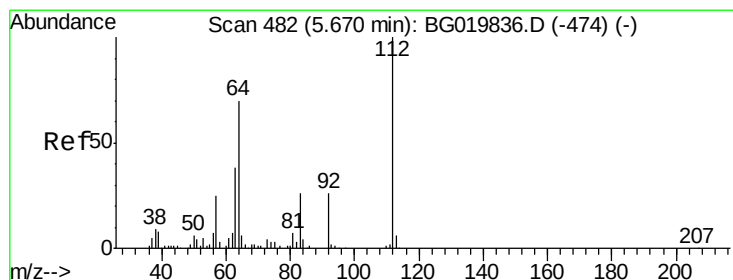
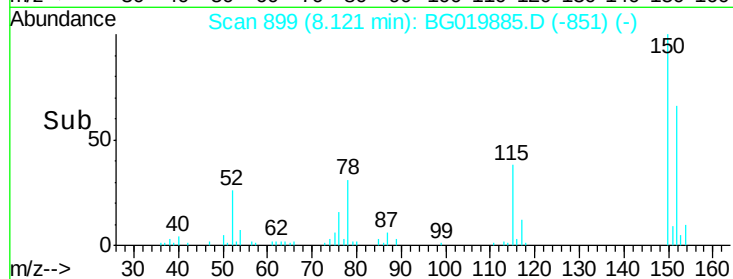
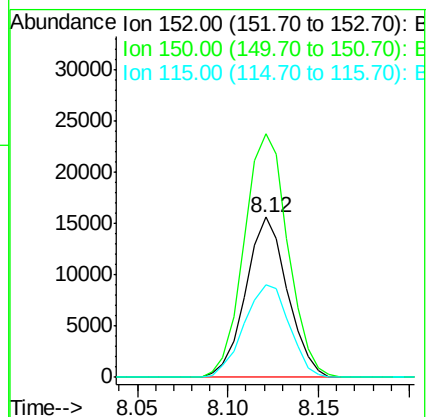
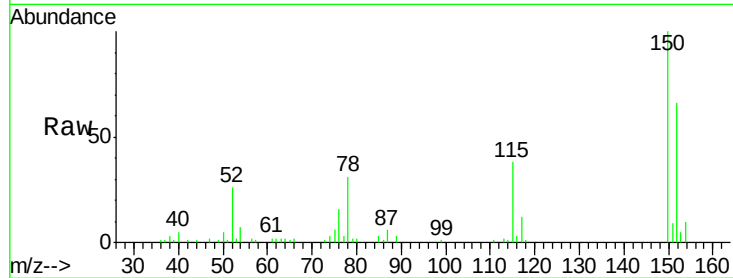
Tgt Ion:152 Resp: 25044

Ion Ratio Lower Upper

152 100

150 152.1 115.0 172.4

115 57.9 43.9 65.9



#5

2-Fluorophenol

Concen: 45.68 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019885.D

Acq: 4 Dec 2015 00:33

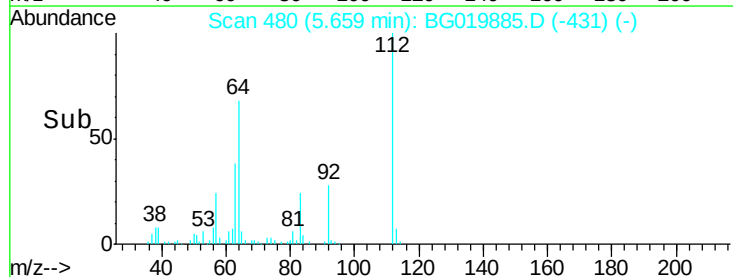
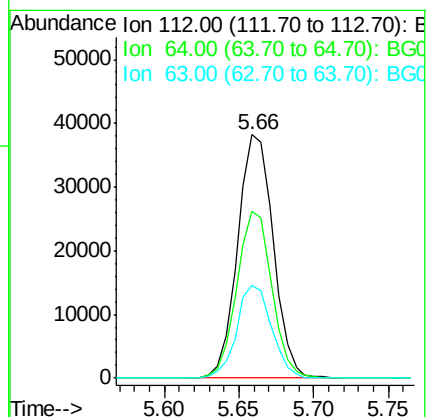
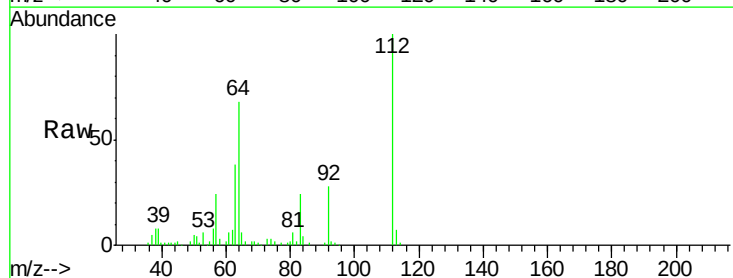
Tgt Ion:112 Resp: 63292

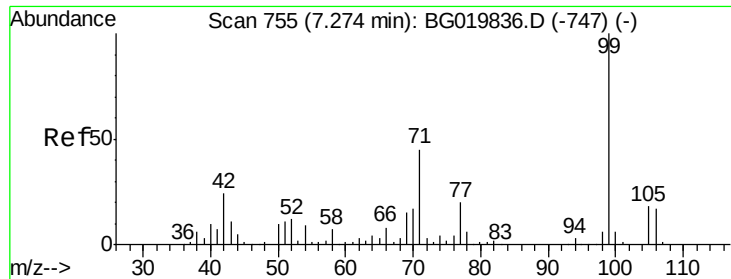
Ion Ratio Lower Upper

112 100

64 68.3 43.7 65.5#

63 37.9 24.0 36.0#





#7

Phenol-d6

Concen: 28.03 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019885.D

Acq: 4 Dec 2015 00:33

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-B

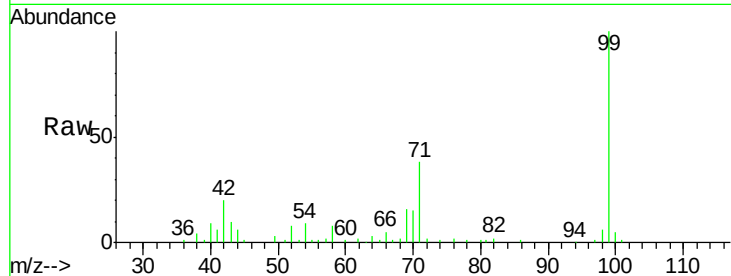
Tgt Ion: 99 Resp: 58644

Ion Ratio Lower Upper

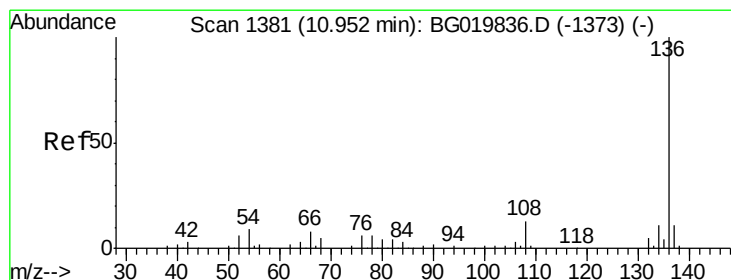
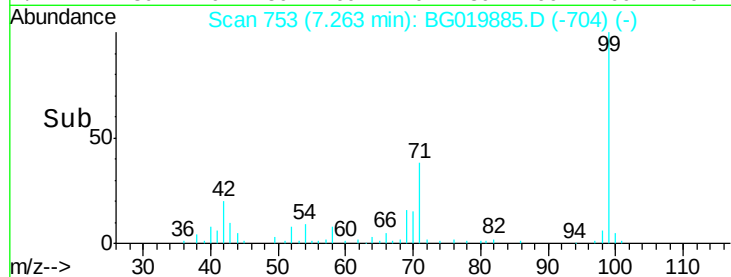
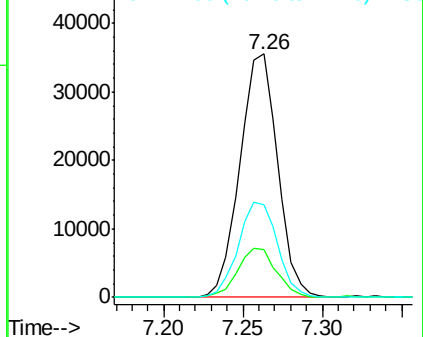
99 100

42 19.7 11.5 17.3#

71 37.9 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: BG019885.D

Acq: 4 Dec 2015 00:33

Tgt Ion: 136 Resp: 111265

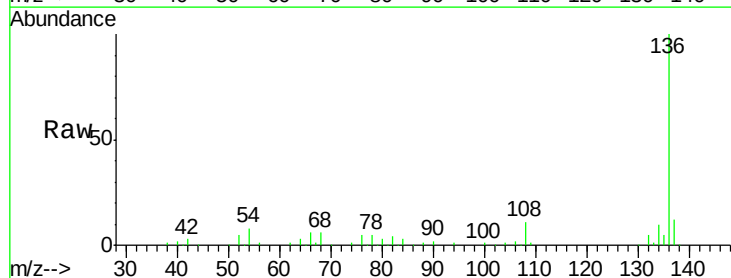
Ion Ratio Lower Upper

136 100

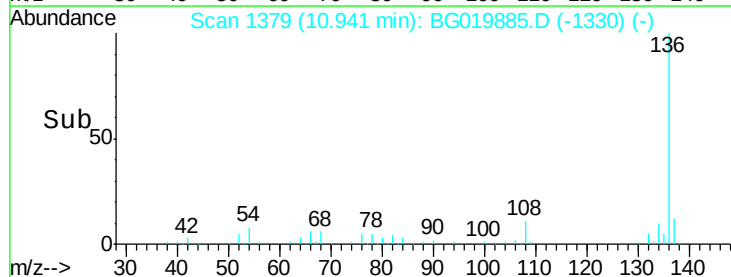
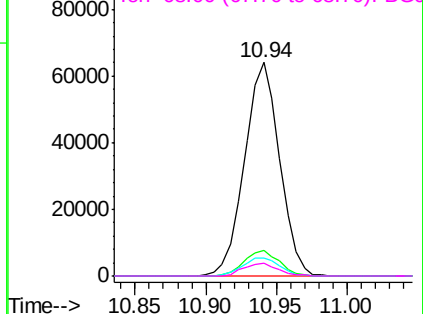
137 12.0 8.6 12.8

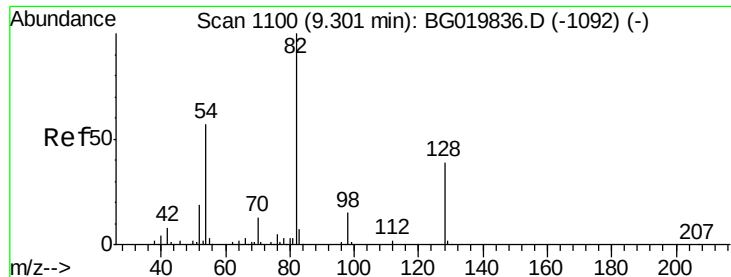
54 8.3 5.4 8.2#

68 6.2 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

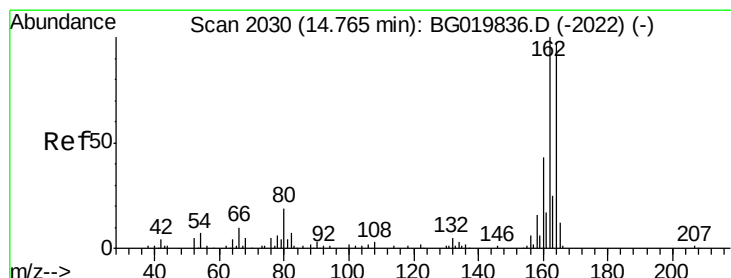
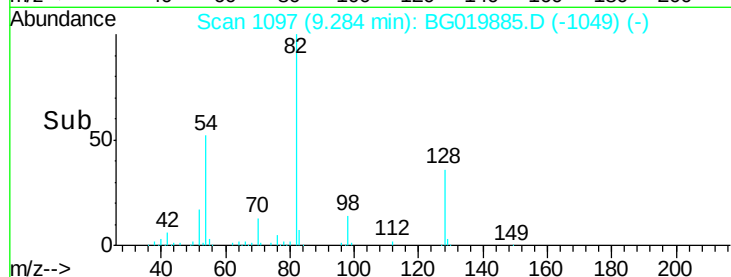
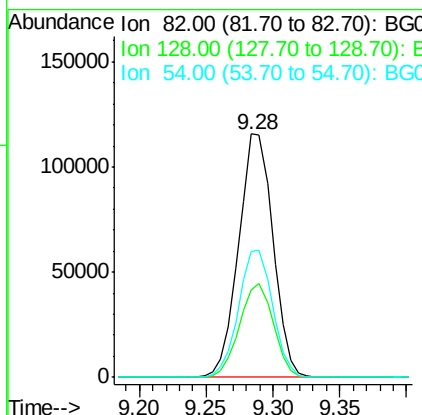
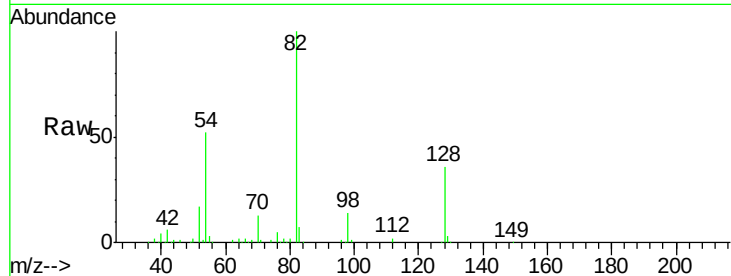




#23
 Nitrobenzene-d5
 Concen: 94.54 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019885.D
 Acq: 4 Dec 2015 00:33

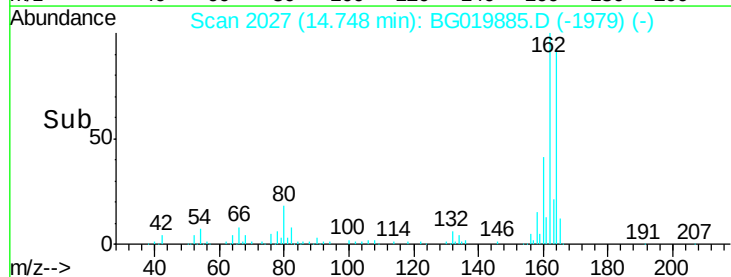
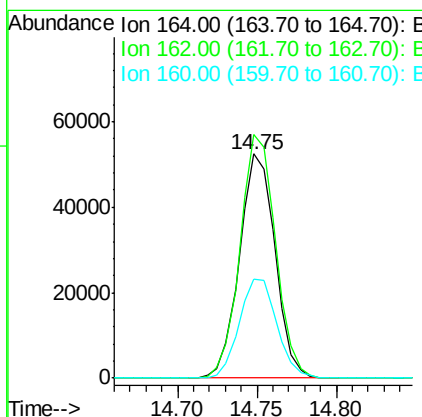
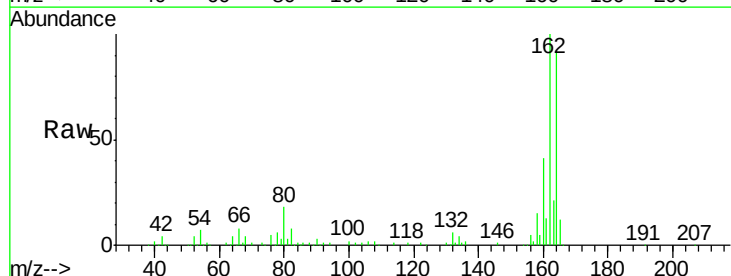
Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-U-B

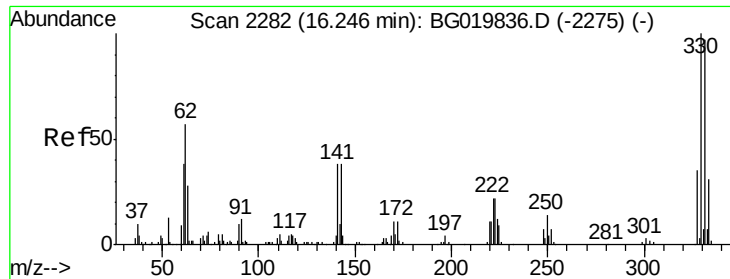
Tgt Ion: 82 Resp: 206103
 Ion Ratio Lower Upper
 82 100
 128 36.1 36.7 55.1#
 54 51.9 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019885.D
 Acq: 4 Dec 2015 00:33

Tgt Ion: 164 Resp: 81632
 Ion Ratio Lower Upper
 164 100
 162 108.8 78.8 118.2
 160 44.4 36.4 54.6

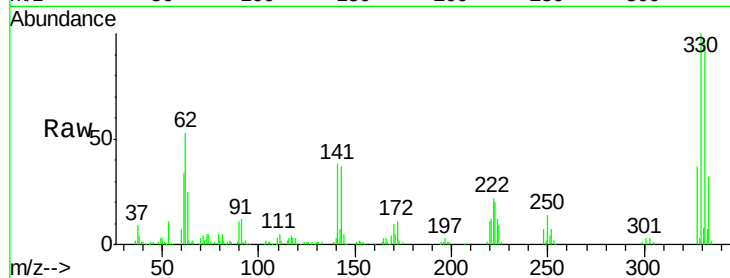




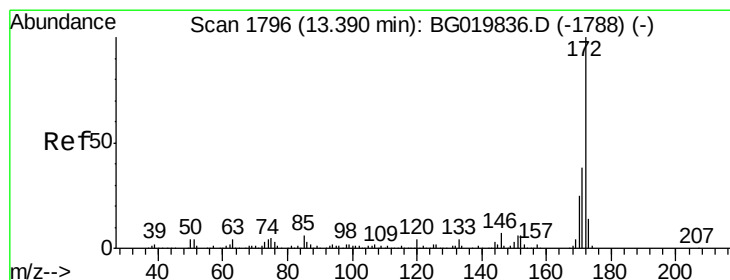
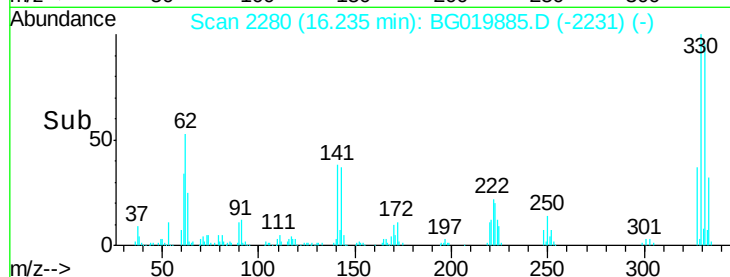
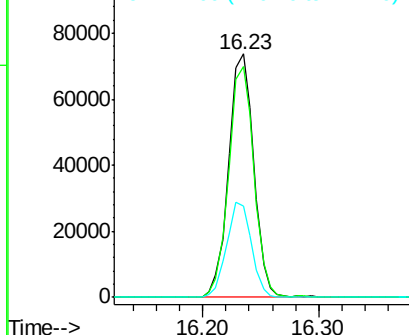
#41
 2,4,6-Tribromophenol
 Concen: 89.22 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019885.D
 Acq: 4 Dec 2015 00:33

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	38.5	28.2	42.2

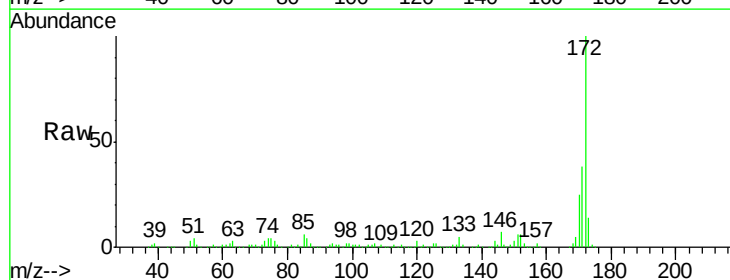


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

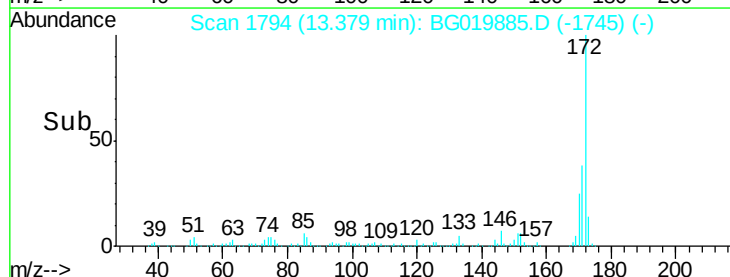
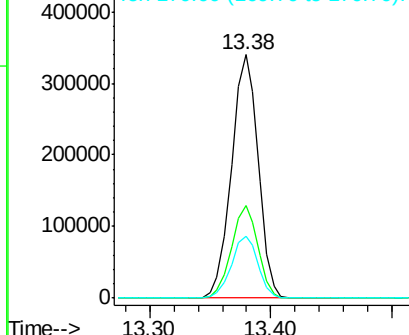


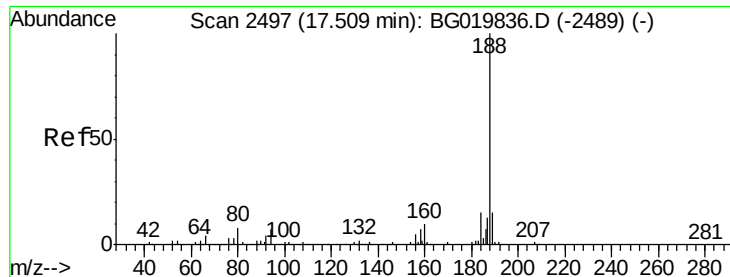
#44
 2-Fluorobiphenyl
 Concen: 87.46 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019885.D
 Acq: 4 Dec 2015 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	25.2	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

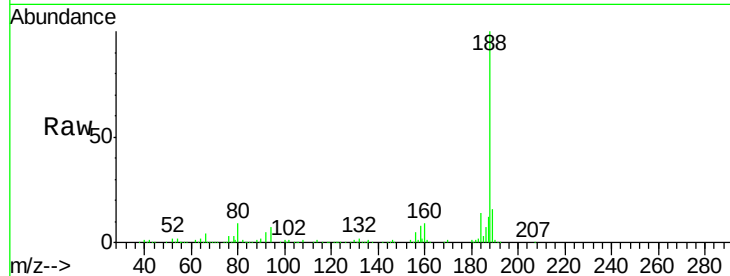




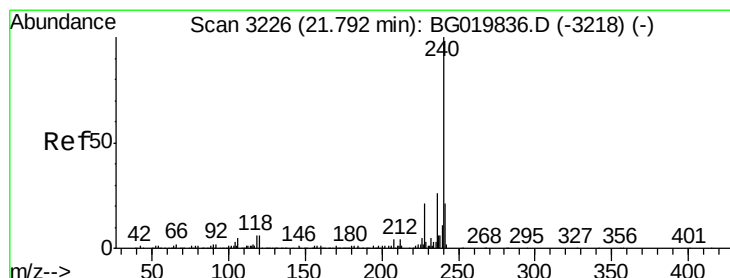
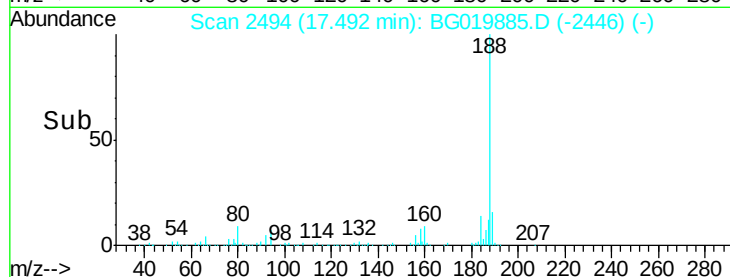
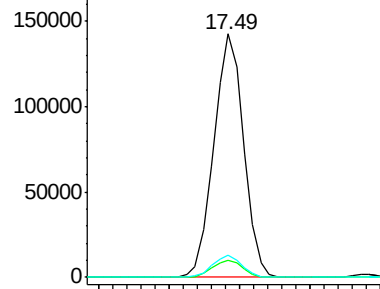
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019885.D
Acq: 4 Dec 2015 00:33

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

Tgt Ion:188 Resp: 210480
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 8.9 7.8 11.8

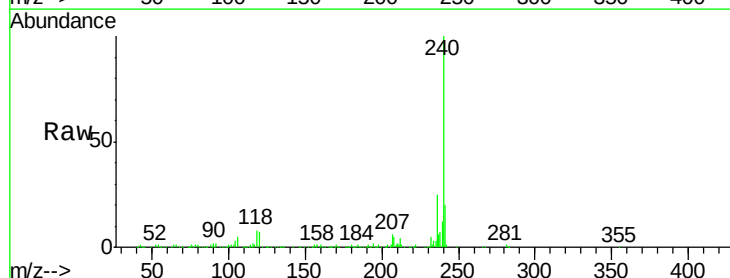


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

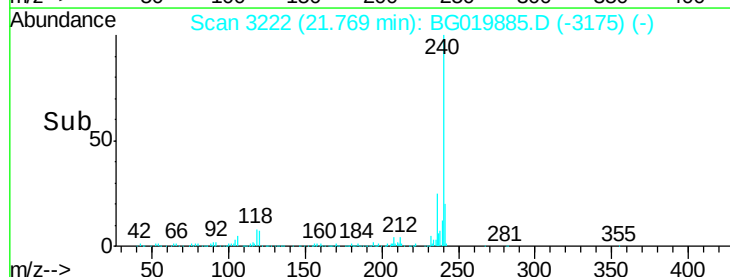
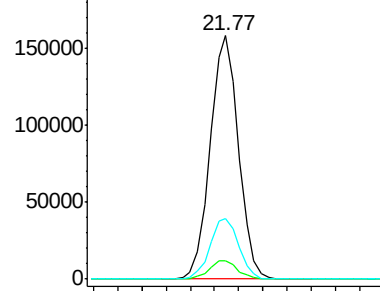


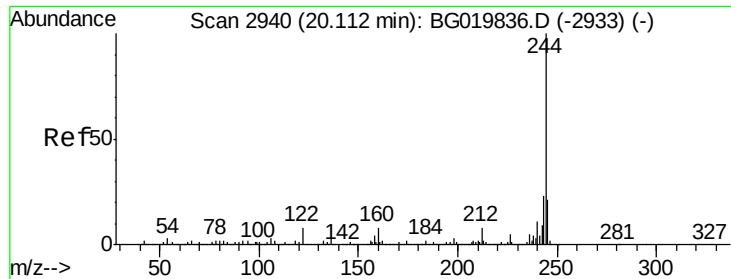
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019885.D
Acq: 4 Dec 2015 00:33

Tgt Ion:240 Resp: 258093
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0
236 25.1 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: 89.80 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019885.D

Acq: 4 Dec 2015 00:33

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-U-B

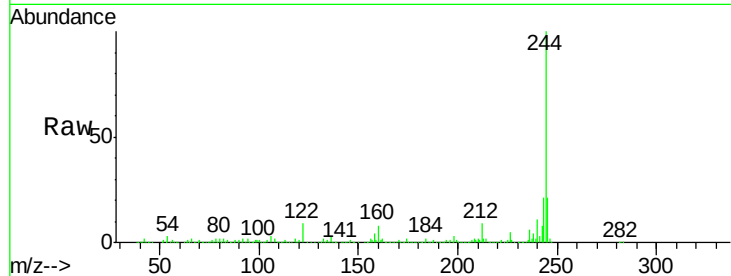
Tgt Ion:244 Resp: 950187

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

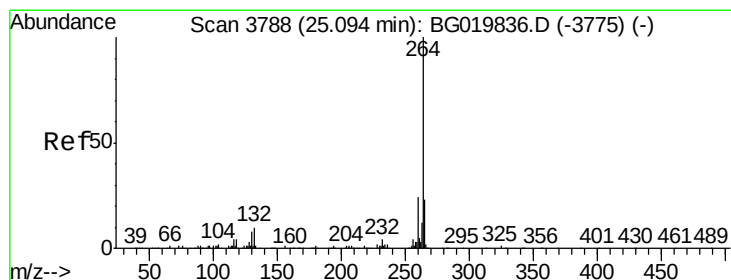
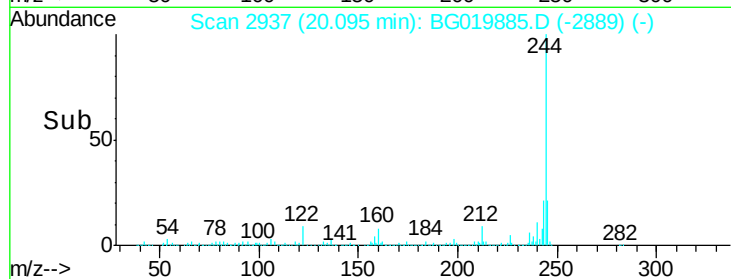
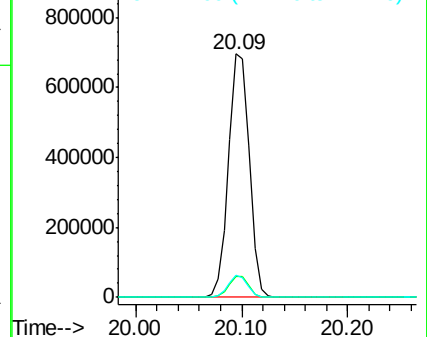
122 9.2 10.2 15.2#



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: 25.07 min Scan# 3783

Delta R.T. -0.03 min

Lab File: BG019885.D

Acq: 4 Dec 2015 00:33

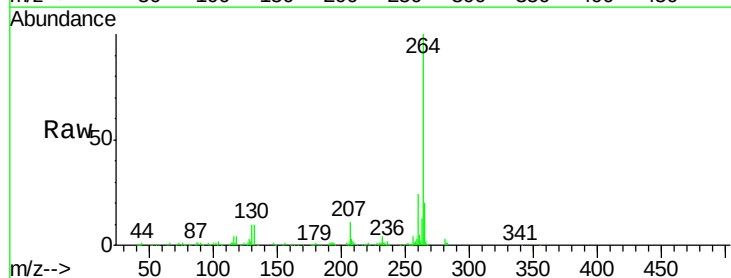
Tgt Ion:264 Resp: 242301

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 20.2 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

