

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019887.D
 Acq On : 4 Dec 2015 1:51
 Operator : UM/NP
 Sample : G4598-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 04 02:55:04 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	25137	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	111467	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	83679	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	209811	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	250856	20.00	ng	-0.02
86) Perylene-d12	25.06	264	237301	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	62047	44.61	ng	0.00
7) Phenol-d6	7.26	99	58358	27.79	ng	-0.02
23) Nitrobenzene-d5	9.29	82	214411	98.17	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	114492	89.42	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	551183	89.94	ng	0.00
78) Terphenyl-d14	20.10	244	953923	92.75	ng	-0.01

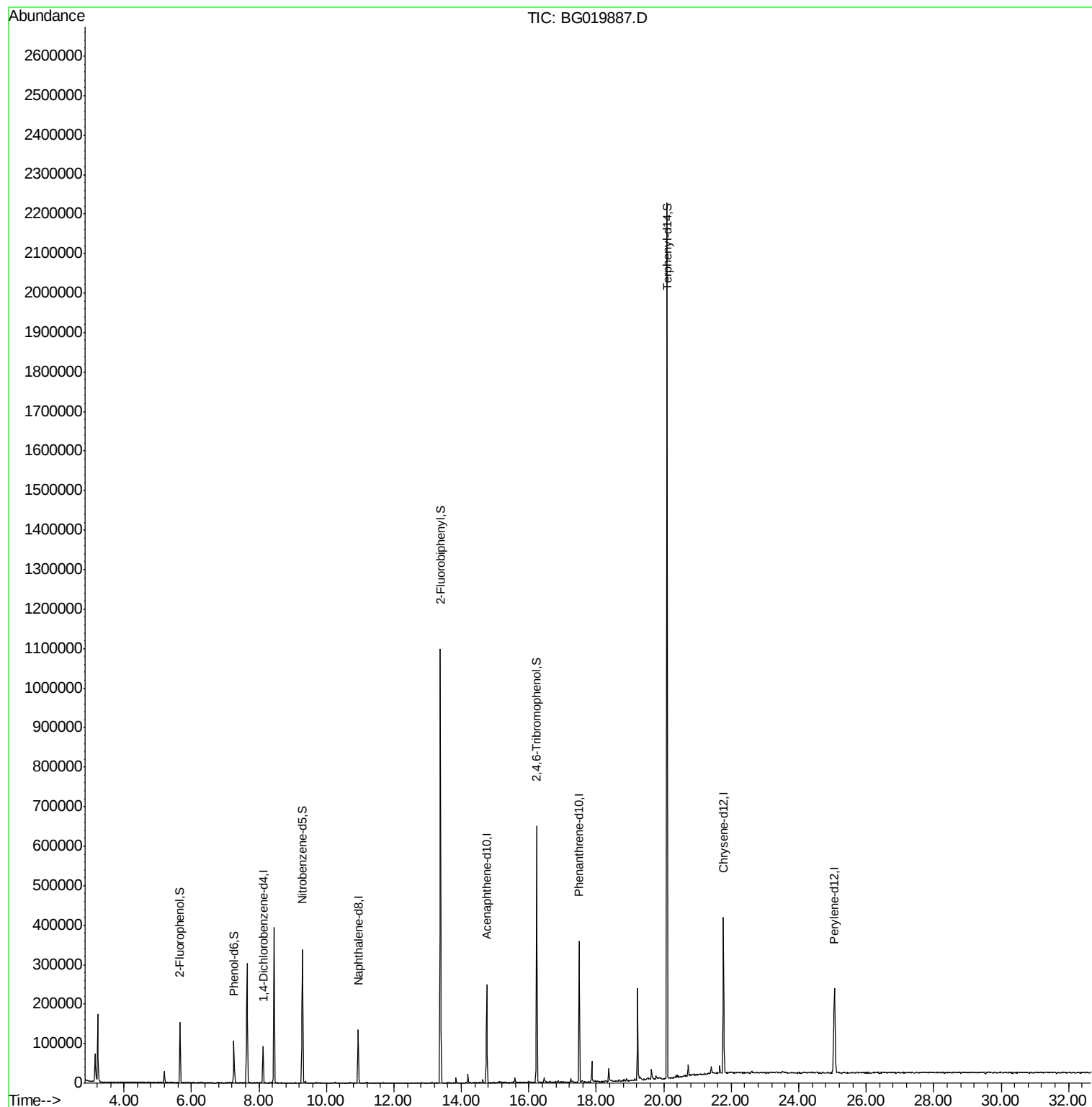
Target Compounds Qvalue

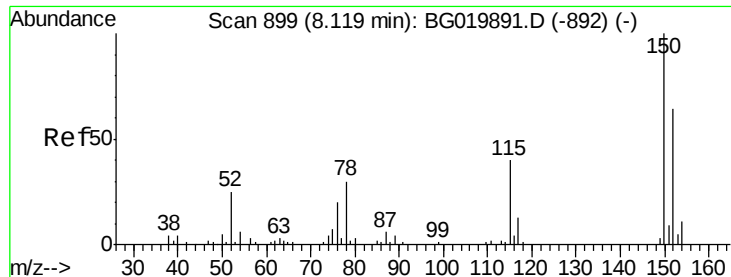
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019887.D
Acq On : 4 Dec 2015 1:51
Operator : UM/NP
Sample : G4598-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 04 02:55:04 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019887.D

Acq: 4 Dec 2015 1:51

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-D-B

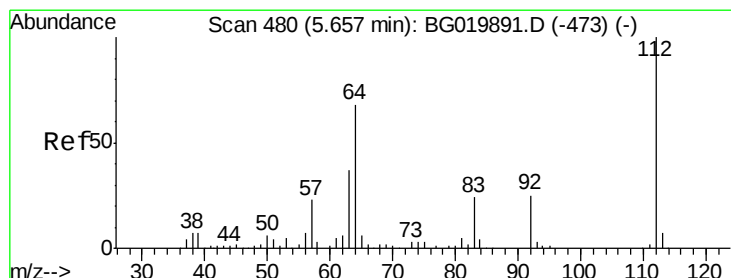
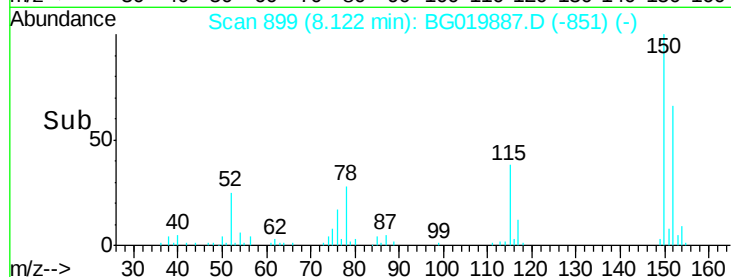
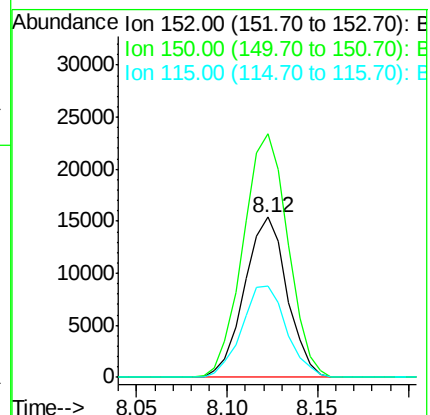
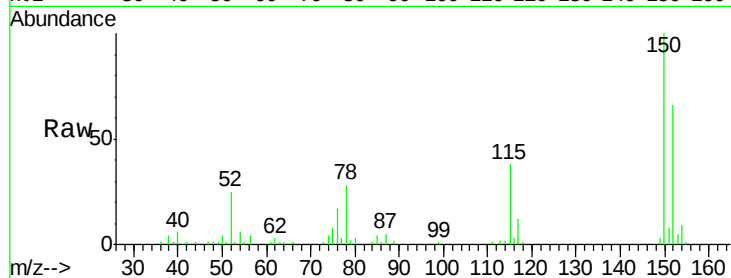
Tot Ion:152 Resp: 25137

Ion Ratio Lower Upper

152 100

150 151.9 115.0 172.4

115 57.3 43.9 65.9



#5

2-Fluorophenol

Concen: 44.61 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019887.D

Acq: 4 Dec 2015 1:51

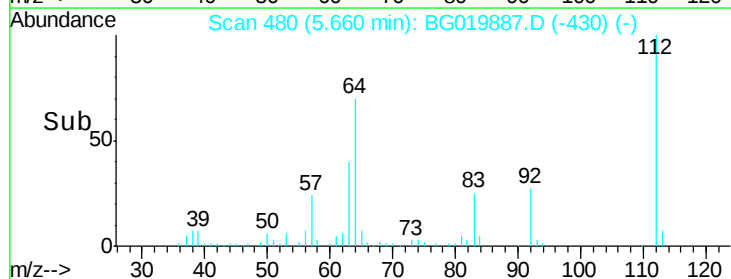
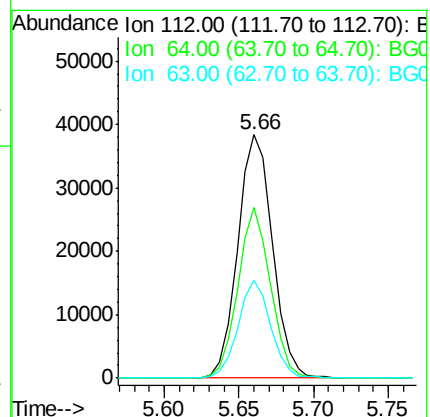
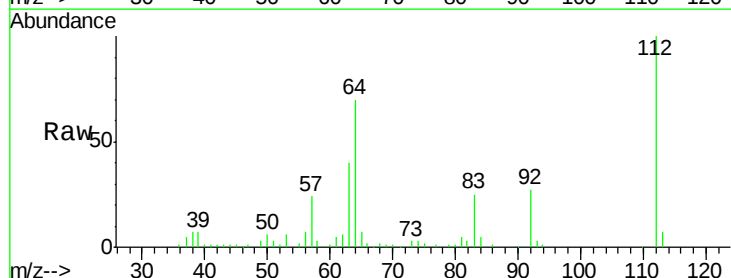
Tgt Ion:112 Resp: 62047

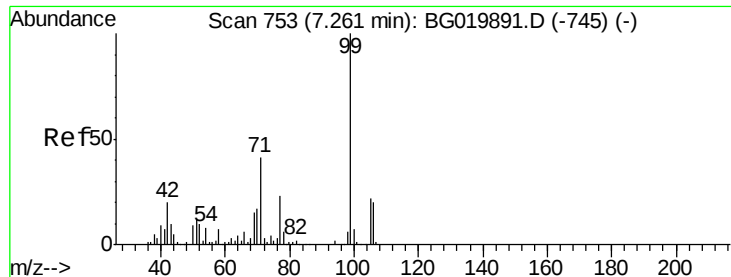
Ion Ratio Lower Upper

112 100

64 69.9 43.7 65.5#

63 39.9 24.0 36.0#





#7

Phenol-d6

Concen: 27.79 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019887.D

Acq: 4 Dec 2015 1:51

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-D-B

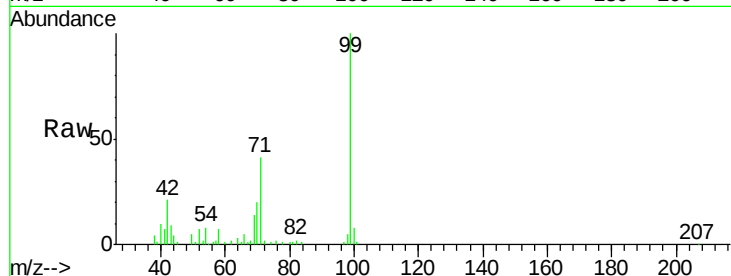
Tot Ion: 99 Resp: 58358

Ion Ratio Lower Upper

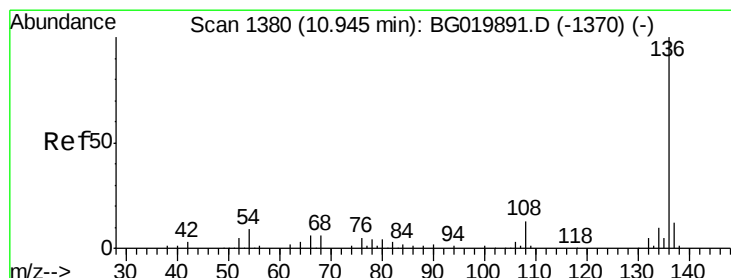
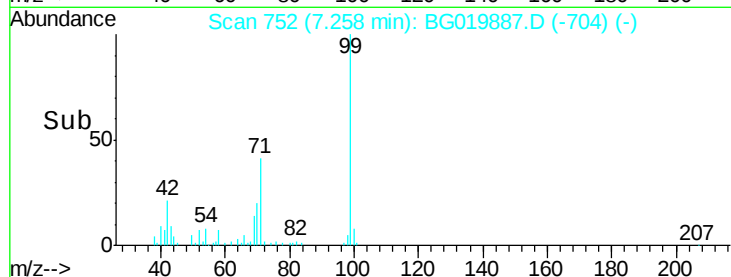
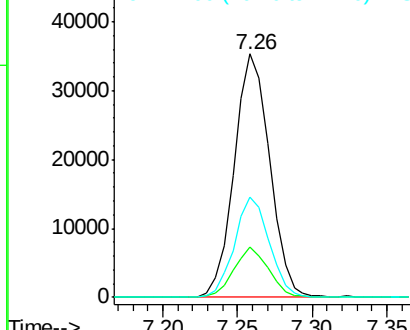
99 100

42 20.5 11.5 17.3#

71 41.0 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: BG019887.D

Acq: 4 Dec 2015 1:51

Tgt Ion: 136 Resp: 111467

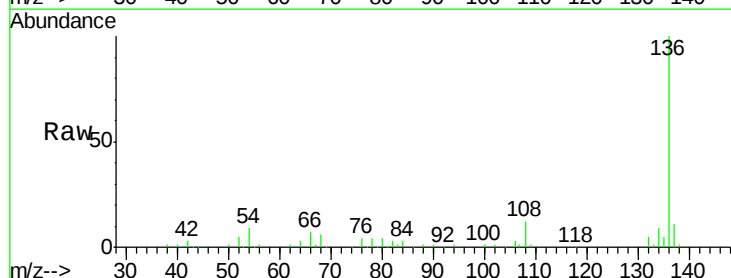
Ion Ratio Lower Upper

136 100

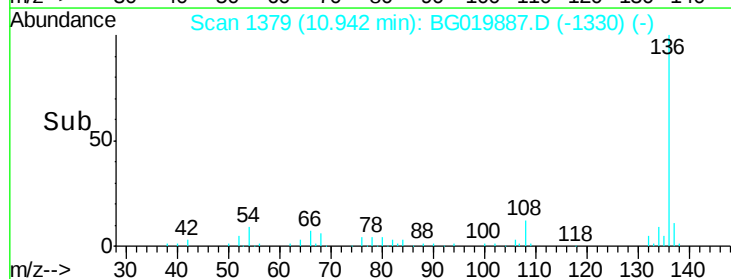
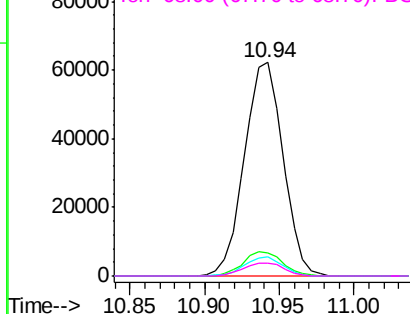
137 10.7 8.6 12.8

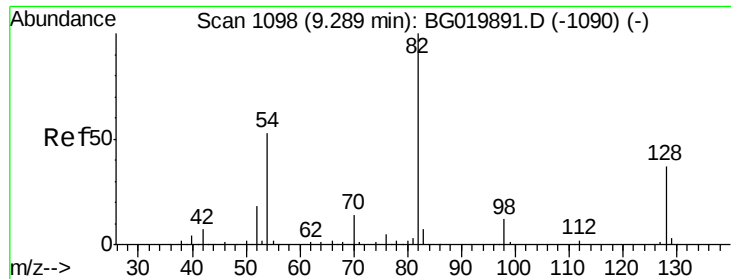
54 8.8 5.4 8.2#

68 6.1 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

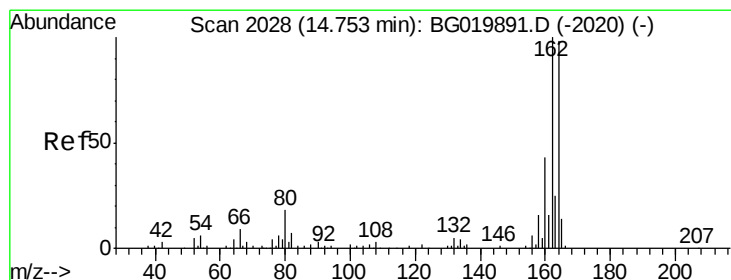
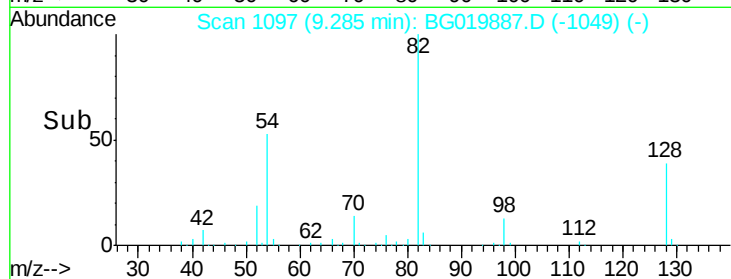
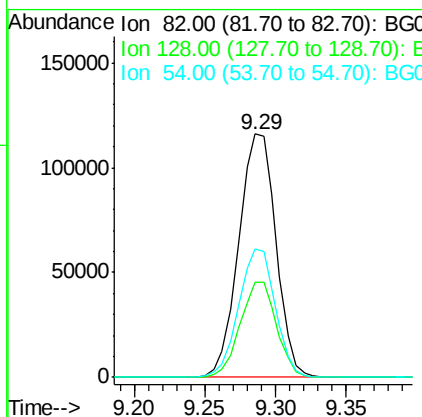
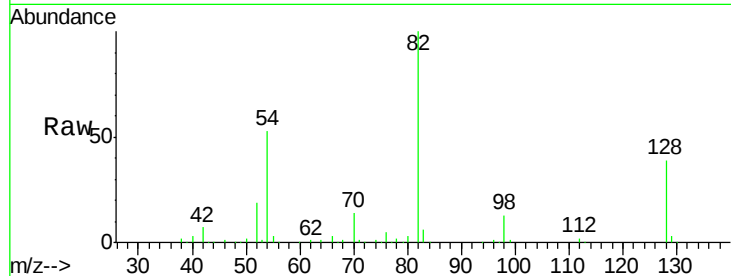




#23
 Nitrobenzene-d5
 Concen: 98.17 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019887.D
 Acq: 4 Dec 2015 1:51

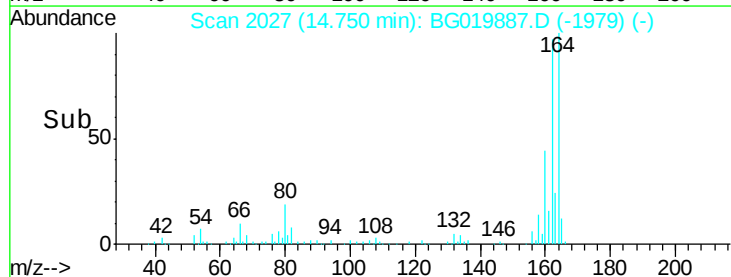
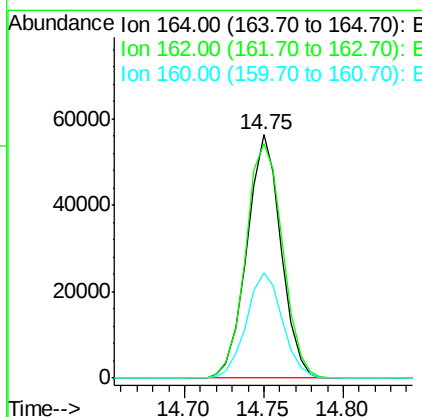
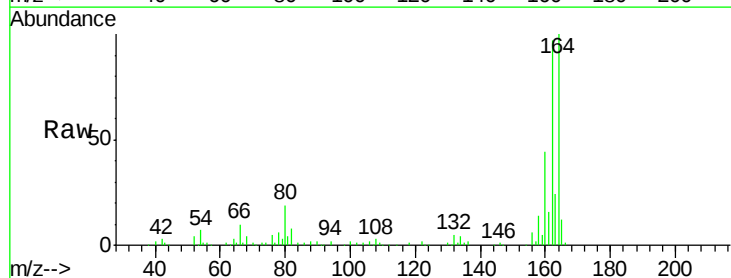
Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-D-B

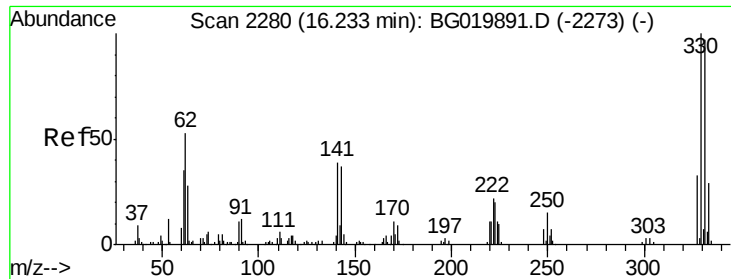
Tot Ion: 82 Resp: 214411
 Ion Ratio Lower Upper
 82 100
 128 39.3 36.7 55.1
 54 52.7 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019887.D
 Acq: 4 Dec 2015 1:51

Tgt Ion:164 Resp: 83679
 Ion Ratio Lower Upper
 164 100
 162 96.5 78.8 118.2
 160 43.5 36.4 54.6

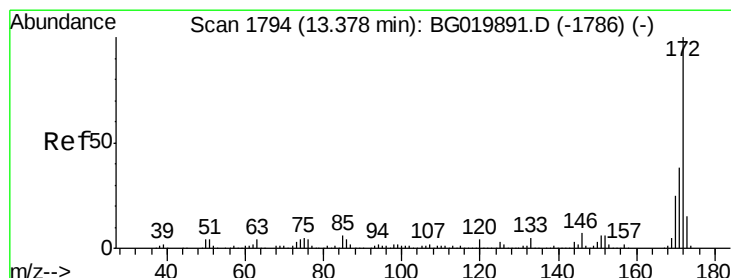
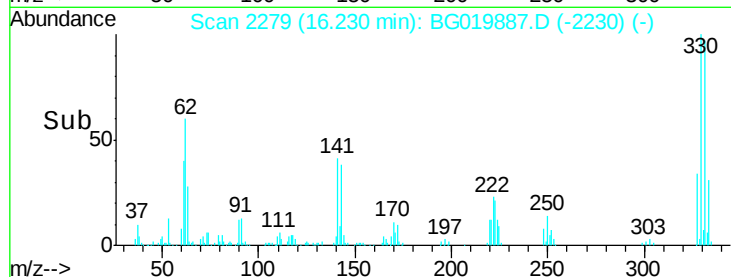
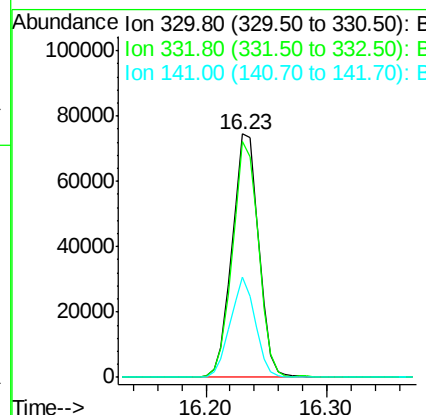
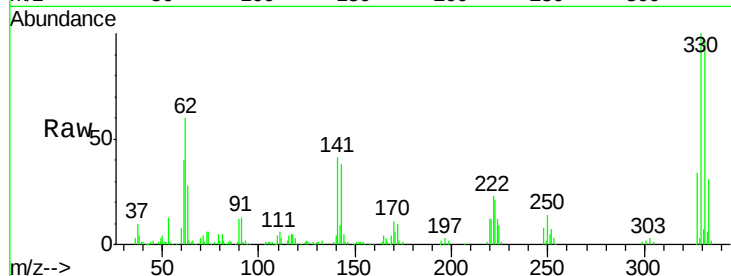




#41
 2,4,6-Tribromophenol
 Concen: 89.42 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG019887.D
 Acq: 4 Dec 2015 1:51

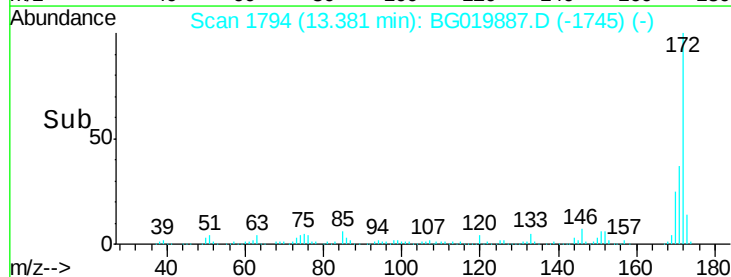
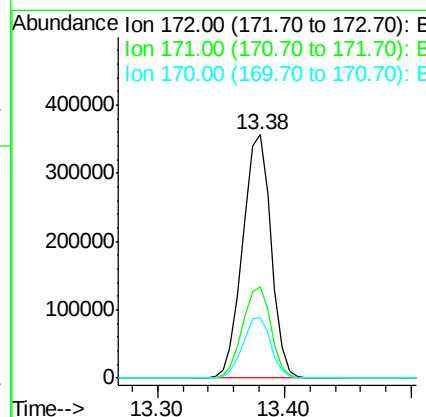
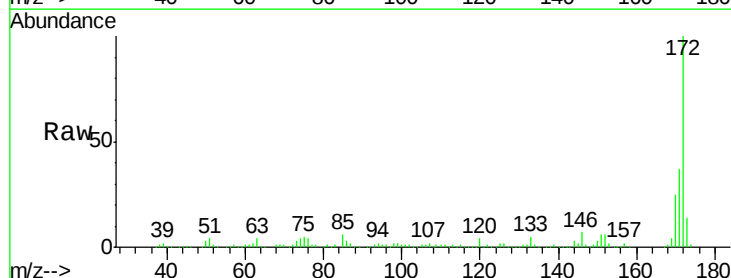
Instrument :
 BNA_G
 ClientSampleId :
 113015-A263-F-D-B

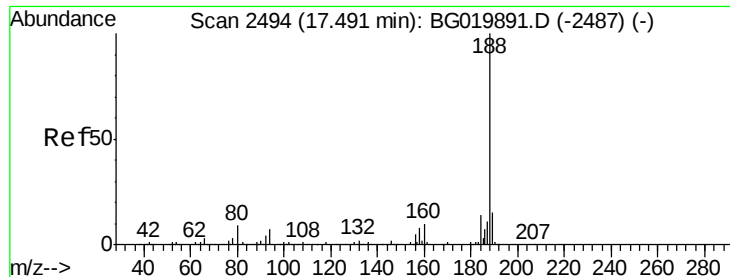
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.1	117.1
141	38.4	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 89.94 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019887.D
 Acq: 4 Dec 2015 1:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.6
170	24.9	19.9	29.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BG019887.D

Acq: 4 Dec 2015 1:51

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-D-B

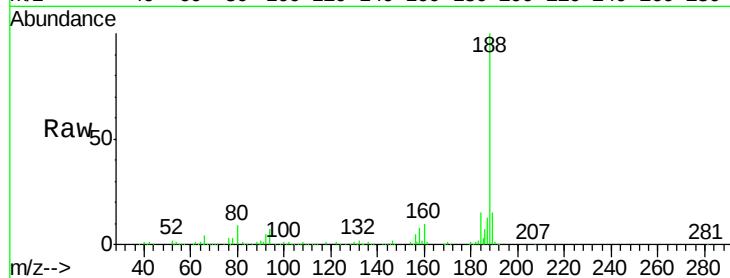
Tot Ion:188 Resp: 209811

Ion Ratio Lower Upper

188 100

94 7.1 7.7 11.5#

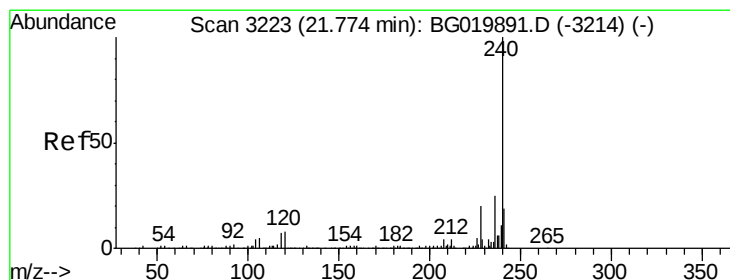
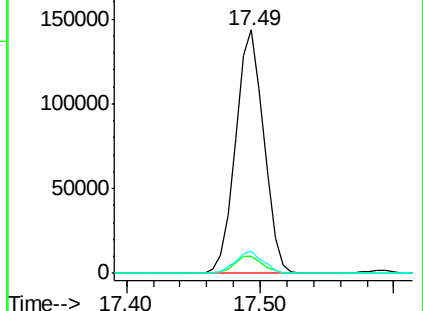
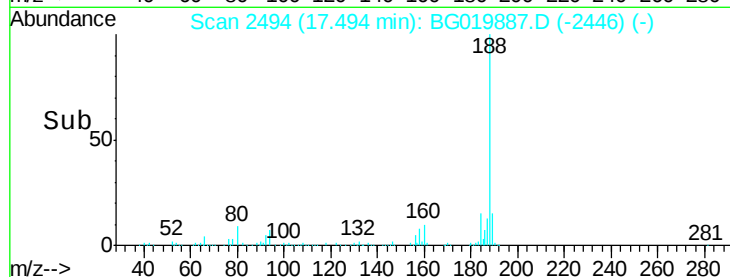
80 9.3 7.8 11.8



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: BG019887.D

Acq: 4 Dec 2015 1:51

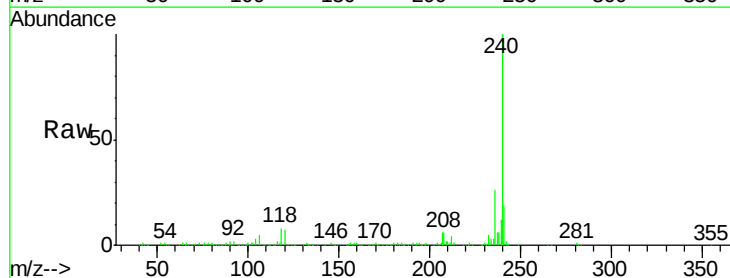
Tgt Ion:240 Resp: 250856

Ion Ratio Lower Upper

240 100

120 7.2 7.4 11.0#

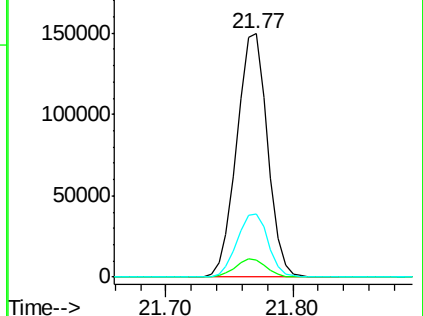
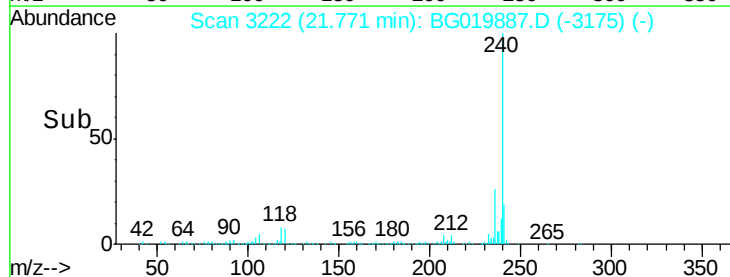
236 26.2 20.7 31.1

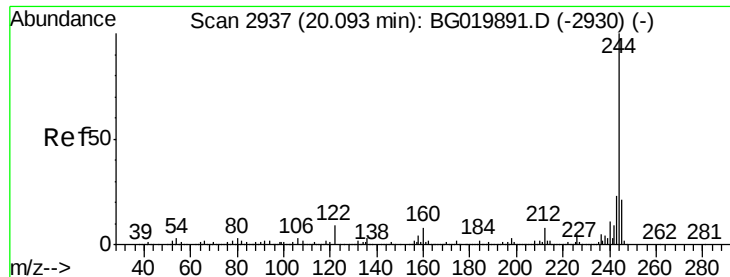


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.75 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG019887.D

Acq: 4 Dec 2015 1:51

Instrument :

BNA_G

ClientSampleId :

113015-A263-F-D-B

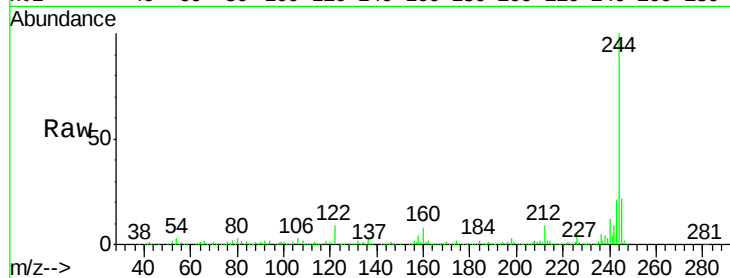
Tot Ion:244 Resp: 953923

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

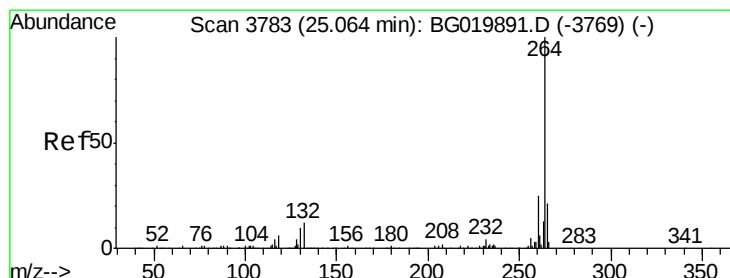
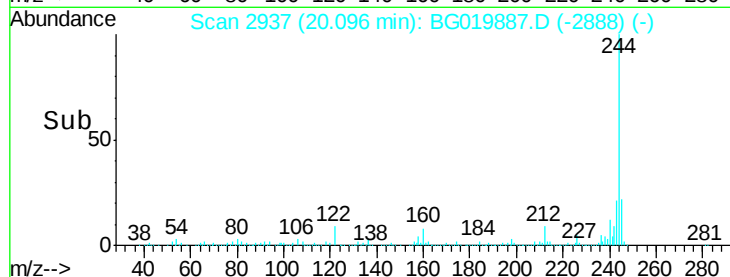
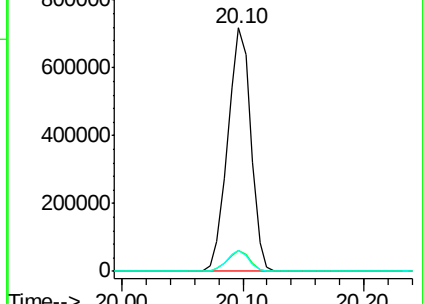
122 8.7 10.2 15.2#



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: 25.06 min Scan# 3781

Delta R.T. -0.04 min

Lab File: BG019887.D

Acq: 4 Dec 2015 1:51

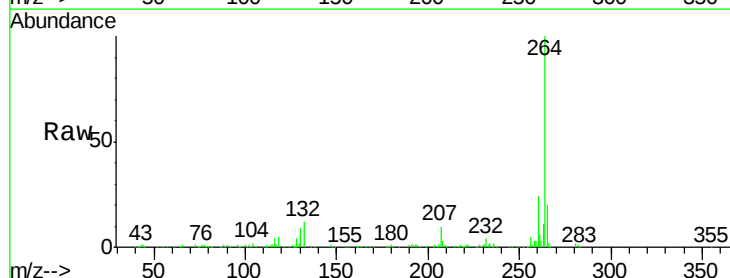
Tgt Ion:264 Resp: 237301

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 20.3 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

