

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019983.D
 Acq On : 7 Dec 2015 16:22
 Operator : UM/NP
 Sample : G4598-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-S

Quant Time: Dec 07 18:18:40 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	15991	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	71419	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	50121	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	126714	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	152151	20.00	ng	-0.04
86) Perylene-d12	25.03	264	139987	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	26319	29.75	ng	-0.01
7) Phenol-d6	7.26	99	24436	18.29	ng	-0.02
23) Nitrobenzene-d5	9.28	82	99230	70.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	55918	72.92	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	263978	71.91	ng	-0.02
78) Terphenyl-d14	20.08	244	487898	78.22	ng	-0.03

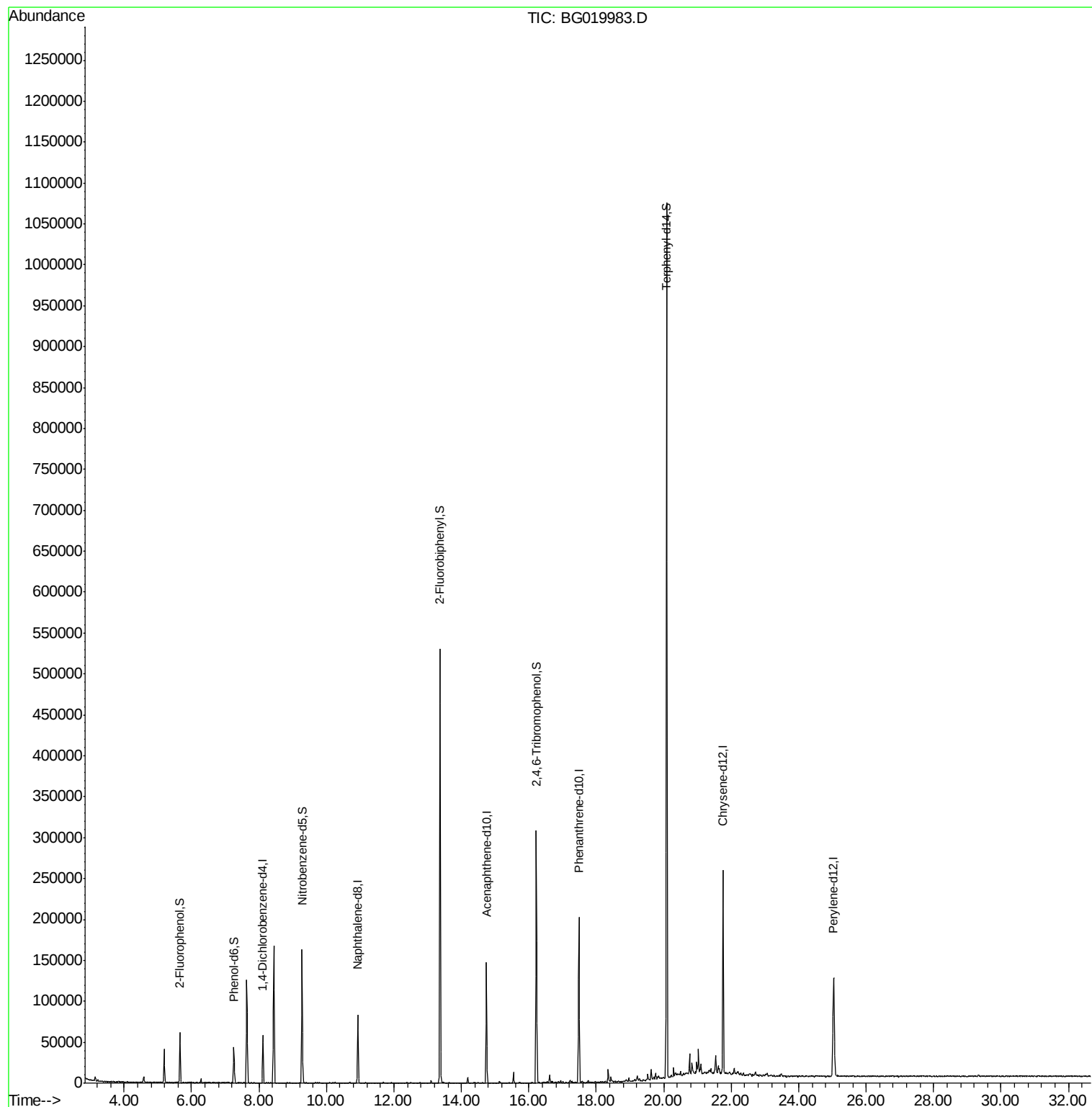
Target Compounds Qvalue

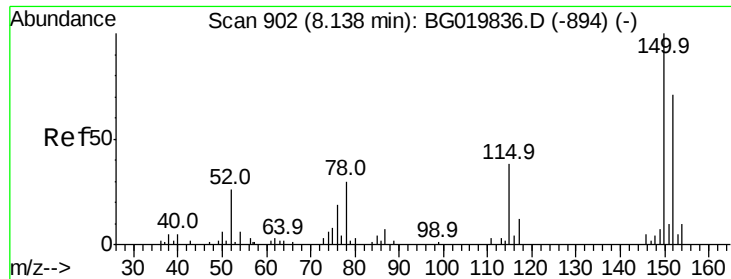
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019983.D

Acq: 7 Dec 2015 16:22

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

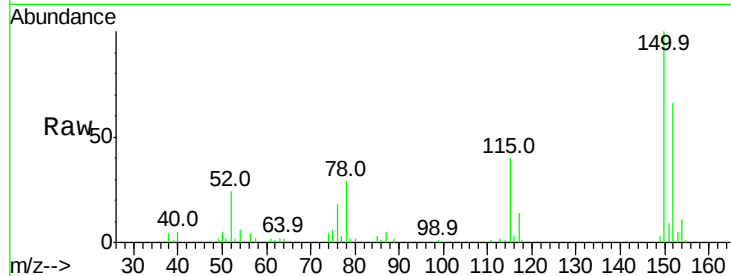
Tot Ion:152 Resp: 15991

Ion Ratio Lower Upper

152 100

150 151.7 115.0 172.4

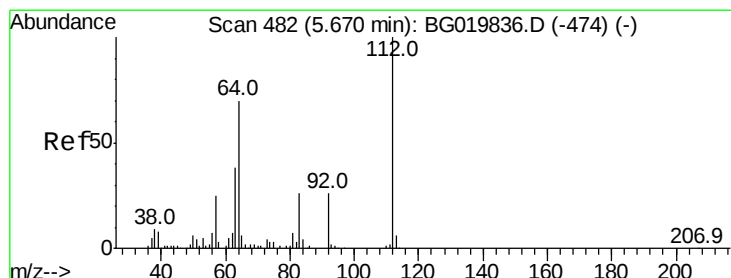
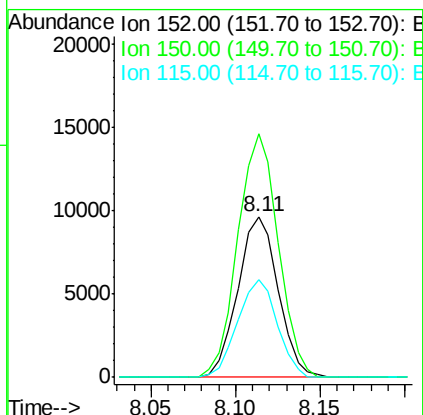
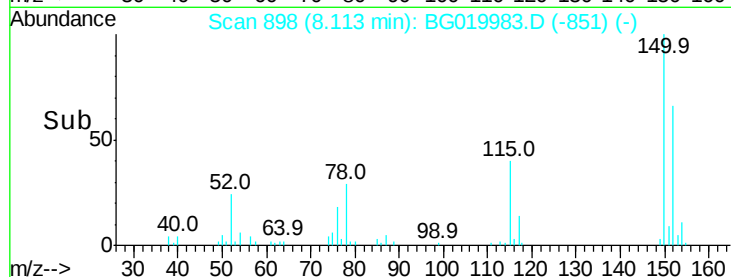
115 60.5 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 29.75 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019983.D

Acq: 7 Dec 2015 16:22

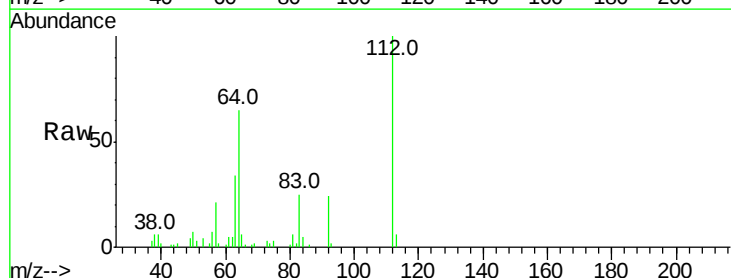
Tgt Ion:112 Resp: 26319

Ion Ratio Lower Upper

112 100

64 65.3 43.7 65.5

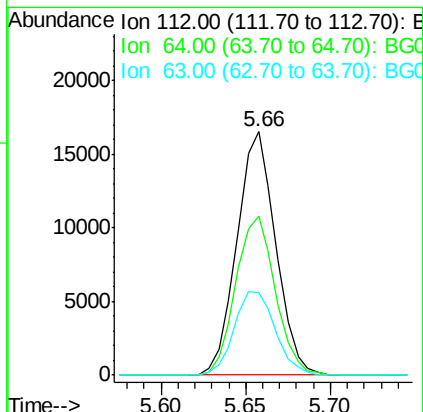
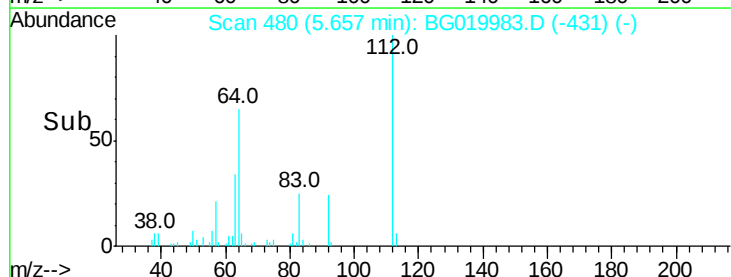
63 33.7 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 18.29 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019983.D

Acq: 7 Dec 2015 16:22

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

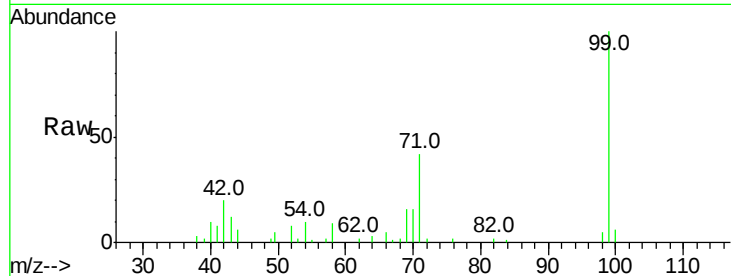
Tot Ion: 99 Resp: 24436

Ion Ratio Lower Upper

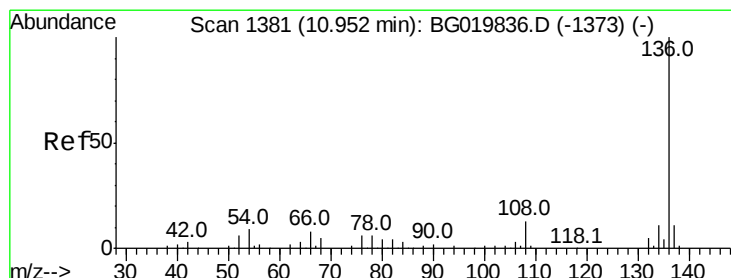
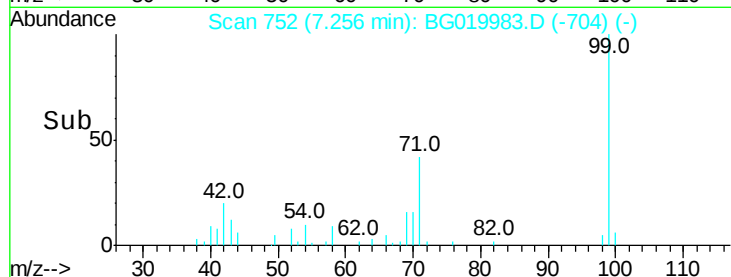
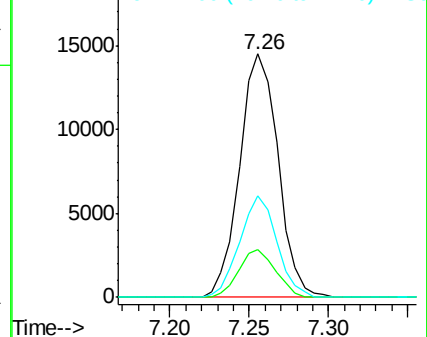
99 100

42 19.7 11.5 17.3#

71 41.8 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# 1378

Delta R.T. -0.02 min

Lab File: BG019983.D

Acq: 7 Dec 2015 16:22

Tgt Ion: 136 Resp: 71419

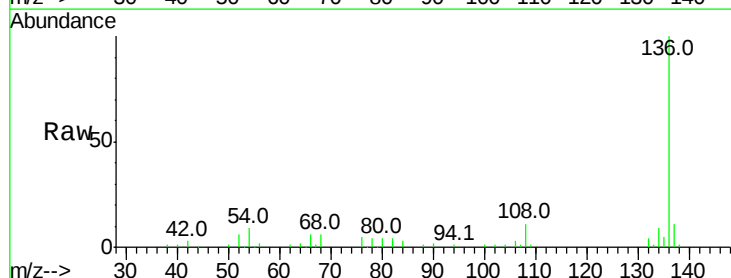
Ion Ratio Lower Upper

136 100

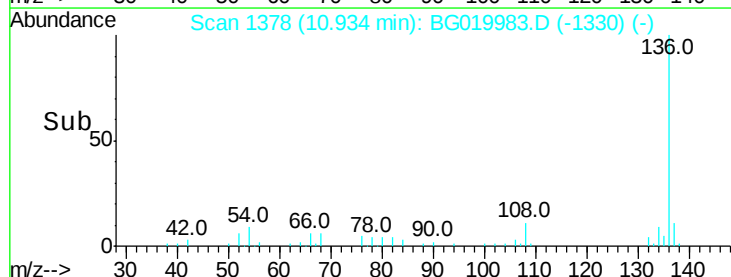
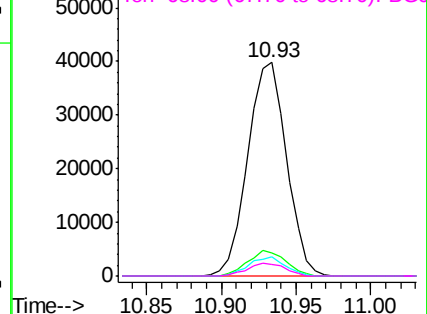
137 10.5 8.6 12.8

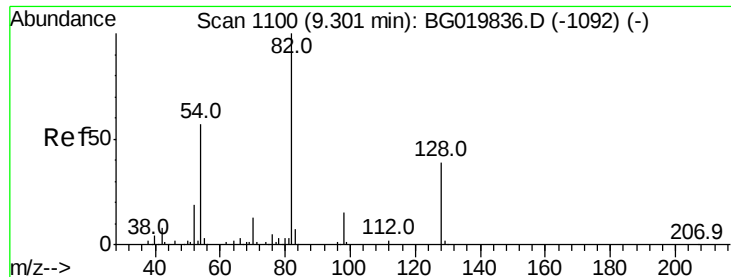
54 8.8 5.4 8.2#

68 5.6 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

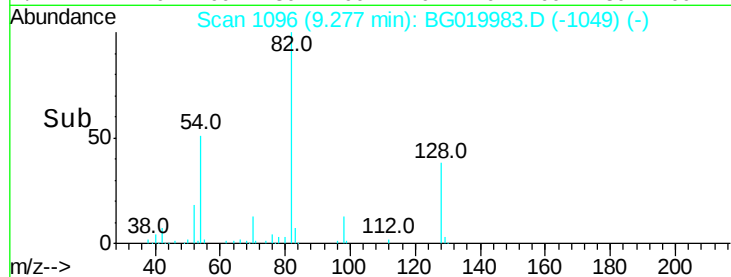
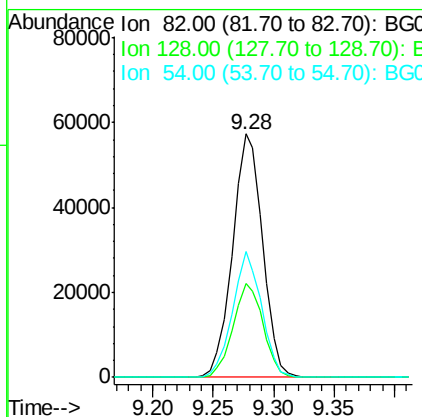
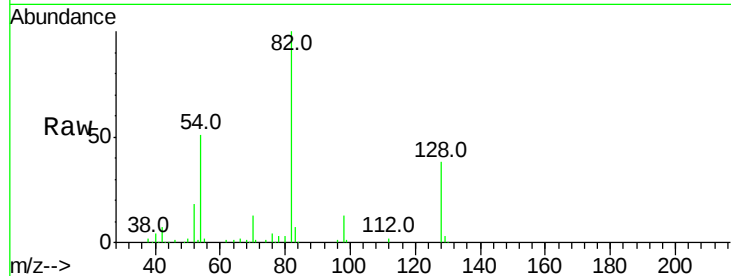




#23
Nitrobenzene-d5
Concen: 70.91 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019983.D
Acq: 7 Dec 2015 16:22

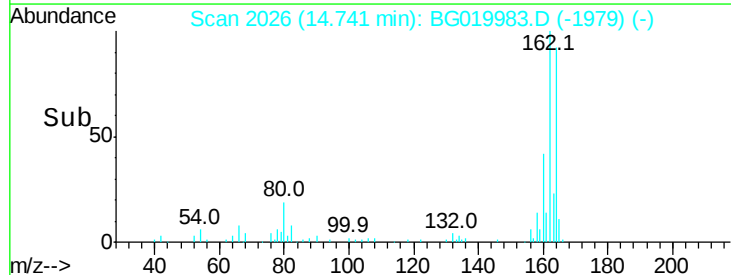
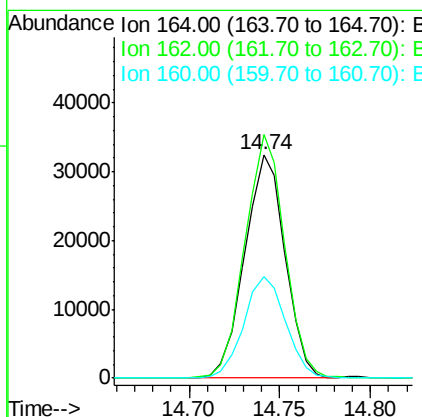
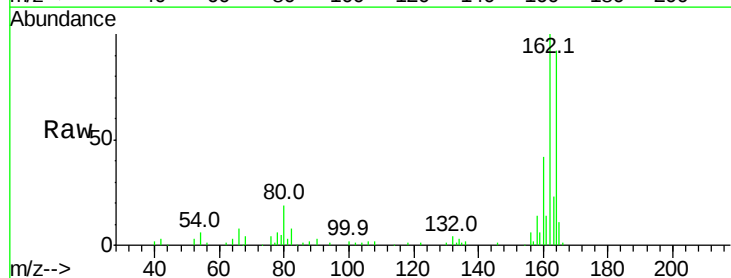
Instrument :
BNA_G
ClientSampleId :
112715-A263-F-U-S

Tot Ion: 82 Resp: 99230
Ion Ratio Lower Upper
82 100
128 38.3 36.7 55.1
54 51.5 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019983.D
Acq: 7 Dec 2015 16:22

Tgt Ion:164 Resp: 50121
Ion Ratio Lower Upper
164 100
162 108.9 78.8 118.2
160 45.5 36.4 54.6

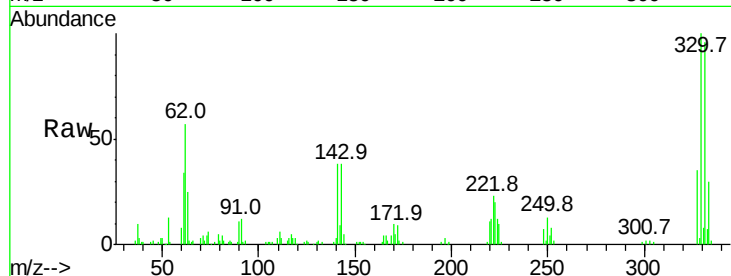




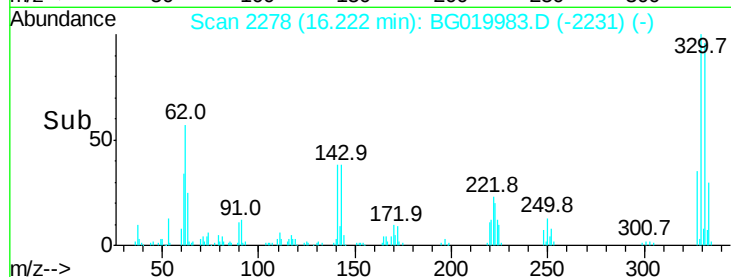
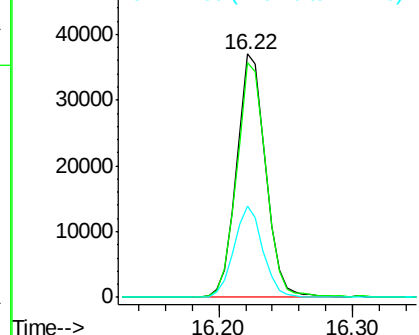
#41
 2,4,6-Tribromophenol
 Concen: 72.92 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019983.D
 Acq: 7 Dec 2015 16:22

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-S

Tot Ion:330 Resp: 55918
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.1 117.1
 141 37.2 28.2 42.2

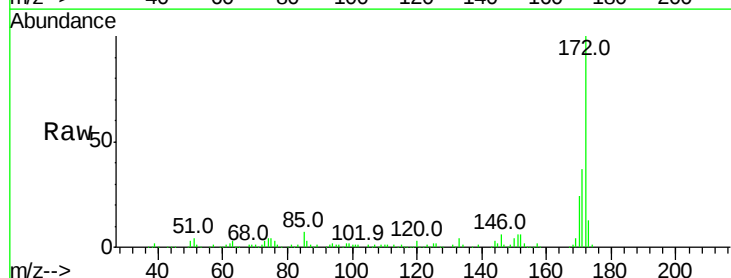


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

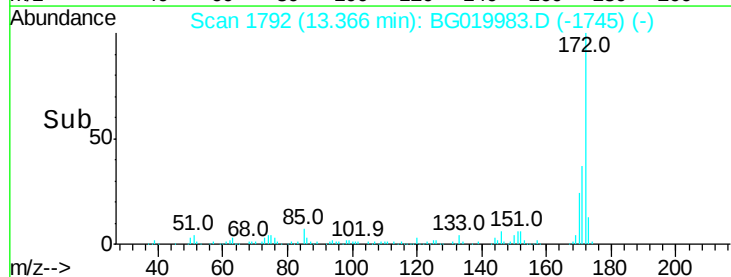
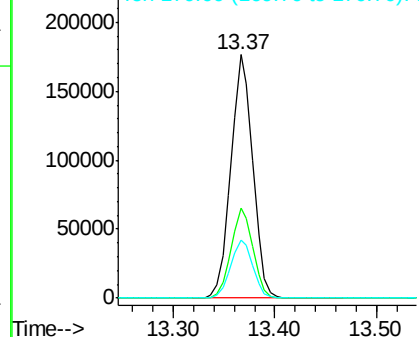


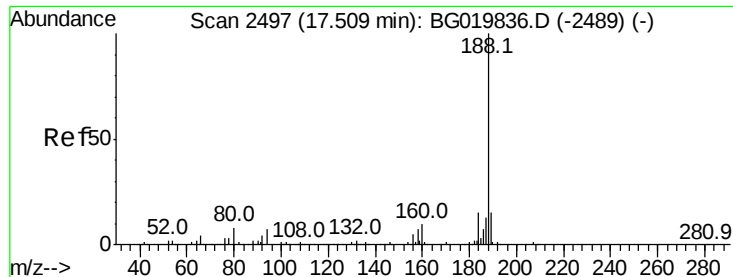
#44
 2-Fluorobiphenyl
 Concen: 71.91 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019983.D
 Acq: 7 Dec 2015 16:22

Tgt Ion:172 Resp: 263978
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 24.0 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

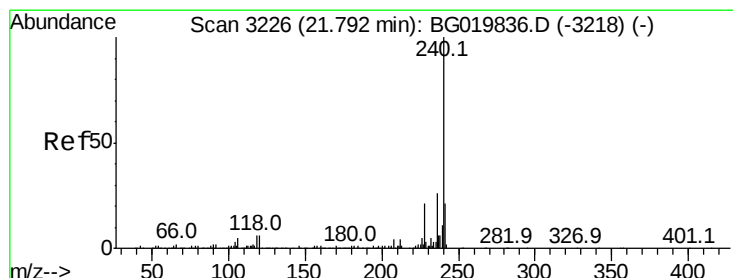
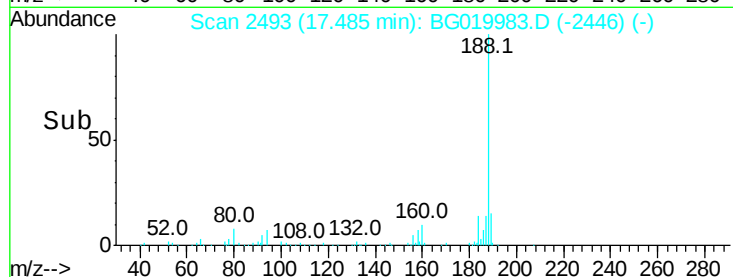
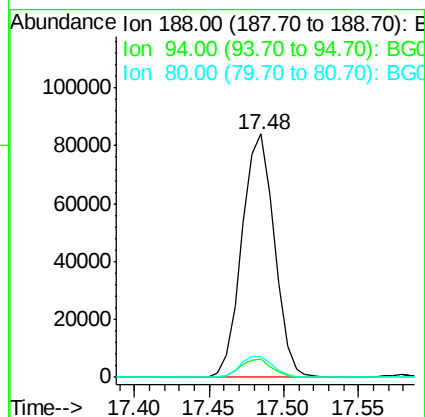
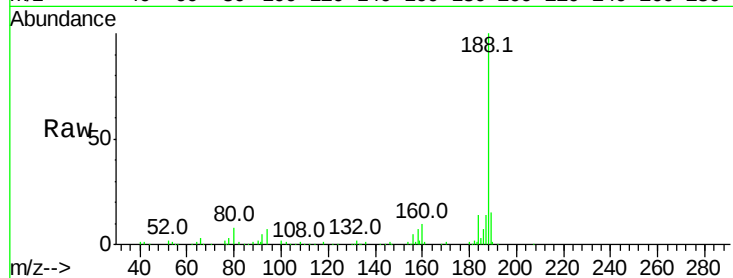




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019983.D
Acq: 7 Dec 2015 16:22

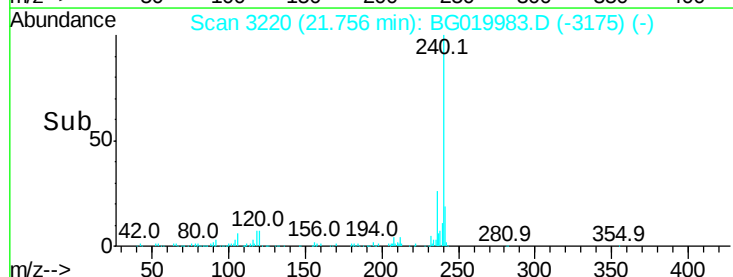
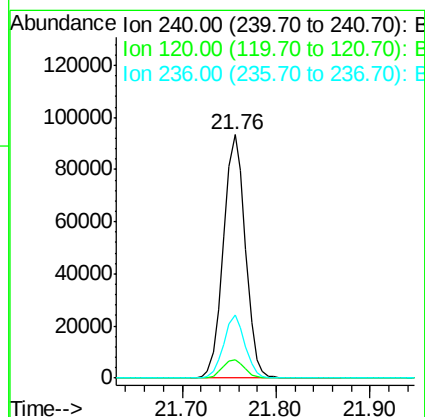
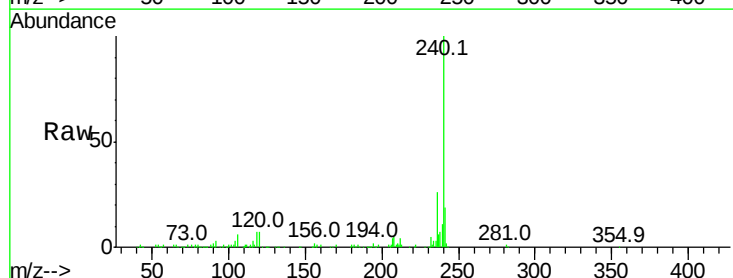
Instrument :
BNA_G
ClientSampleId :
112715-A263-F-U-S

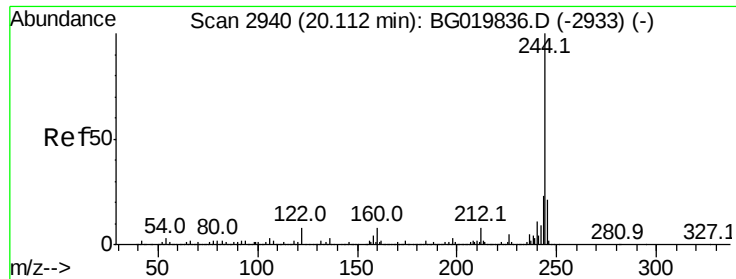
Tot Ion:188 Resp: 126714
Ion Ratio Lower Upper
188 100
94 7.3 7.7 11.5#
80 8.4 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019983.D
Acq: 7 Dec 2015 16:22

Tgt Ion:240 Resp: 152151
Ion Ratio Lower Upper
240 100
120 7.4 7.4 11.0
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 78.22 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019983.D

Acq: 7 Dec 2015 16:22

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

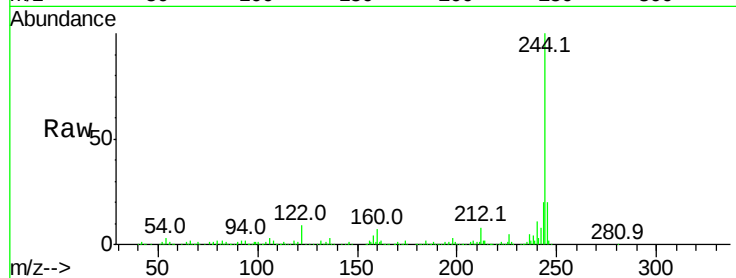
Tot Ion:244 Resp: 487898

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

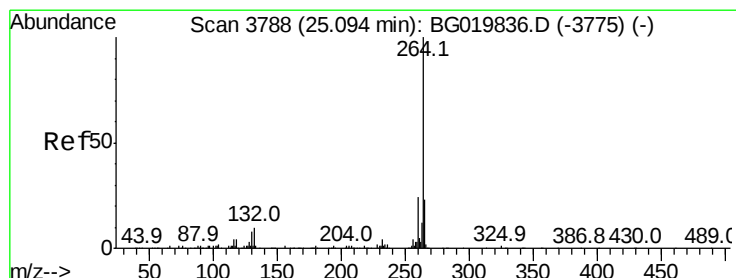
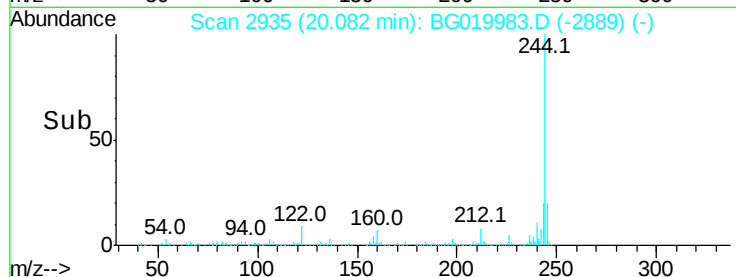
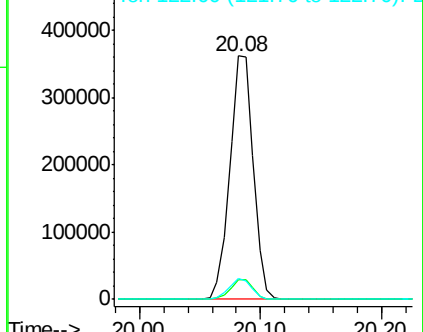
122 8.8 10.2 15.2#



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: 25.03 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG019983.D

Acq: 7 Dec 2015 16:22

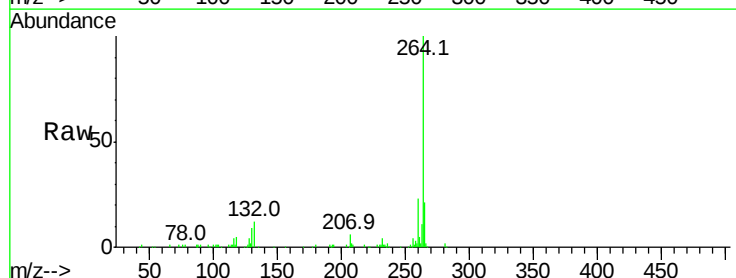
Tgt Ion:264 Resp: 139987

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.3 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

