

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019881.D
 Acq On : 3 Dec 2015 21:58
 Operator : UM/NP
 Sample : G4598-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112815-A263-F-D-B

Quant Time: Dec 04 03:20:02 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	23851	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	107117	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	77942	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	197618	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	238782	20.00	ng	-0.02
86) Perylene-d12	25.07	264	225886	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	64981	49.24	ng	0.00
7) Phenol-d6	7.26	99	63305	31.77	ng	-0.02
23) Nitrobenzene-d5	9.29	82	210070	100.09	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	108880	91.30	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	532038	93.20	ng	0.00
78) Terphenyl-d14	20.10	244	937786	95.80	ng	0.00

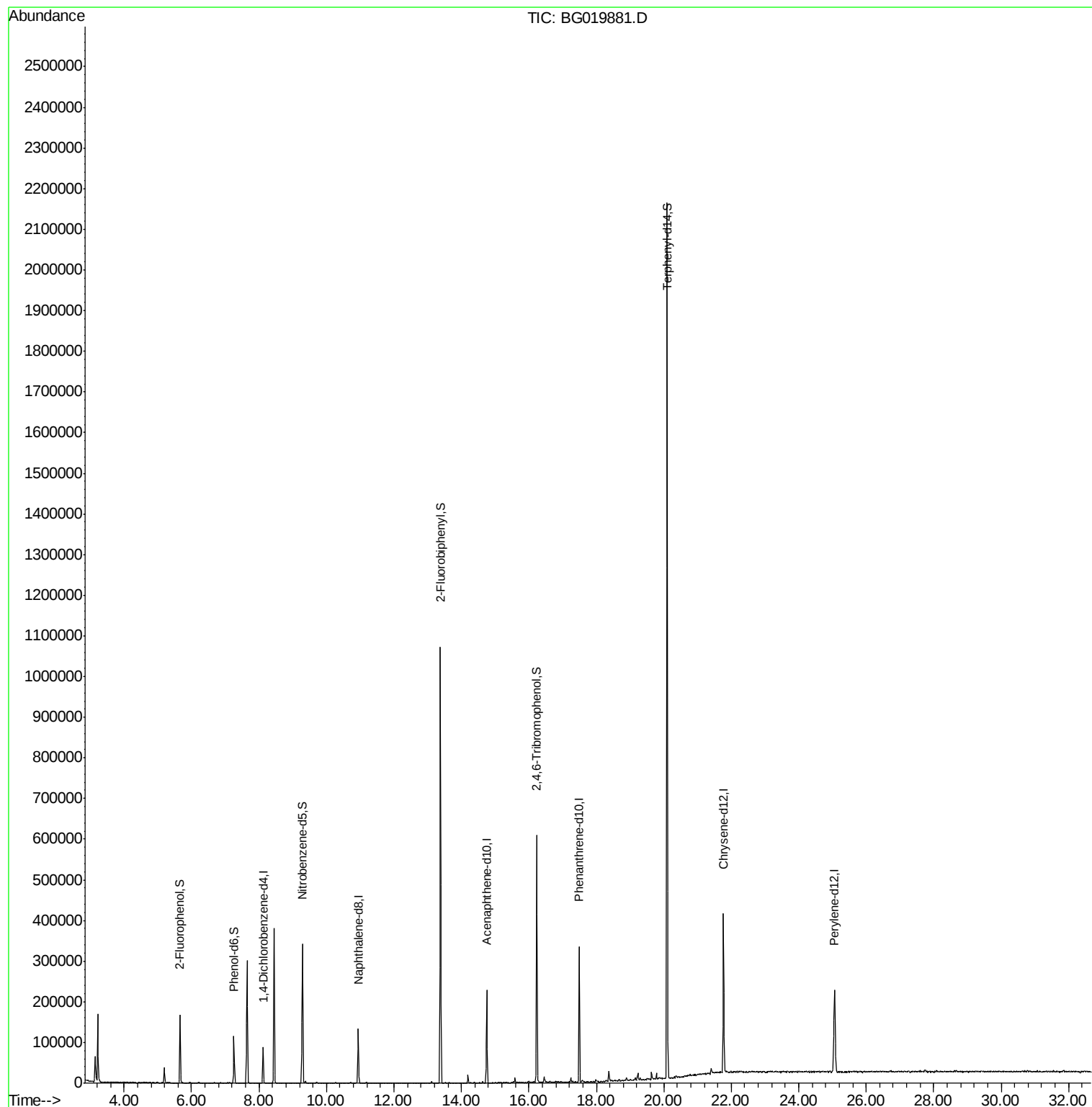
Target Compounds Qvalue

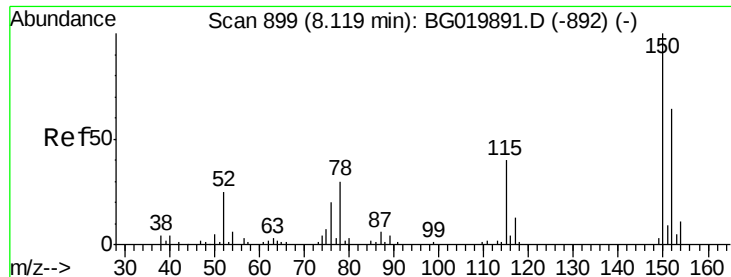
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019881.D

Acq: 3 Dec 2015 21:58

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-D-B

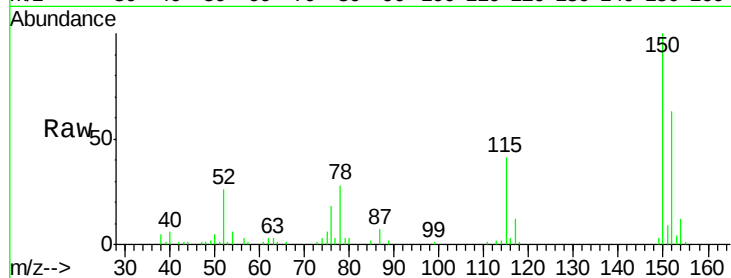
Tot Ion:152 Resp: 23851

Ion Ratio Lower Upper

152 100

150 157.7 115.0 172.4

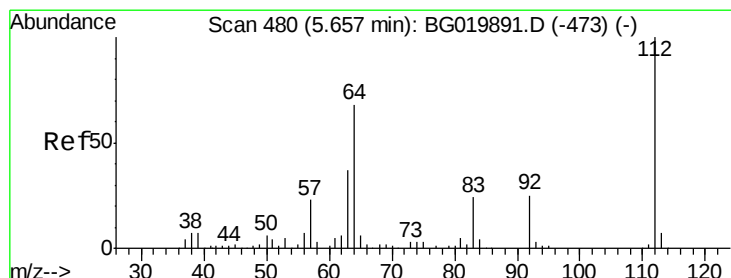
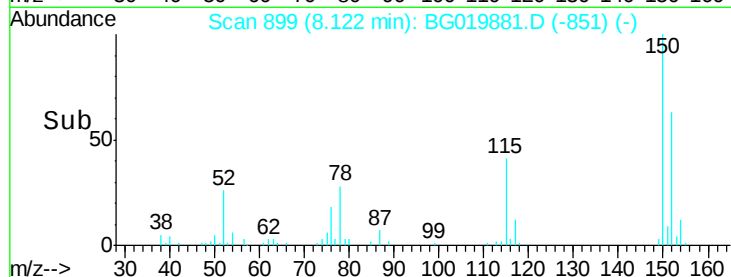
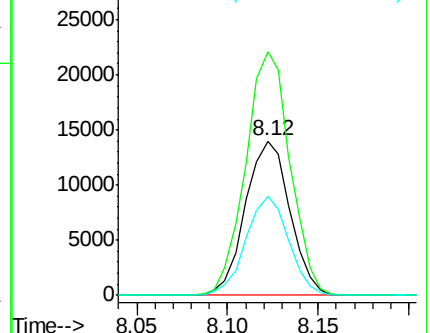
115 64.3 43.9 65.9



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: 49.24 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019881.D

Acq: 3 Dec 2015 21:58

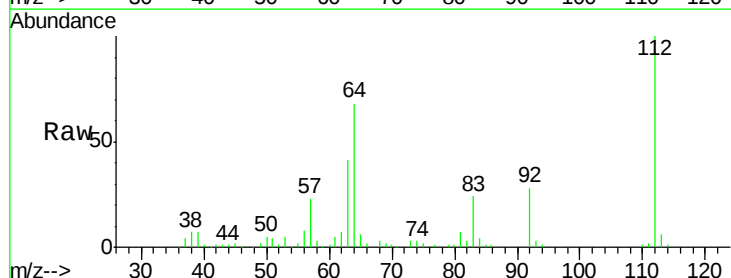
Tgt Ion:112 Resp: 64981

Ion Ratio Lower Upper

112 100

64 67.5 43.7 65.5#

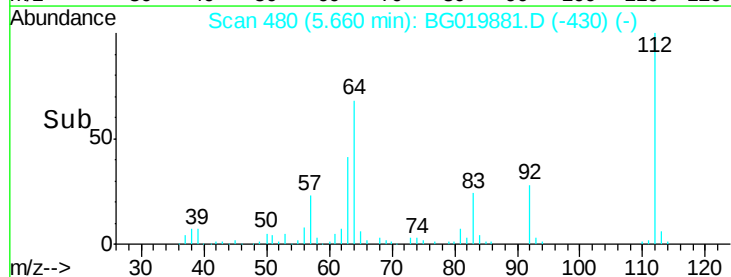
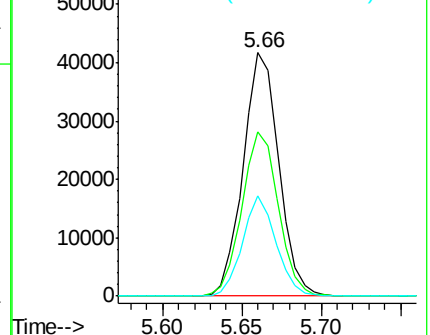
63 41.0 24.0 36.0#

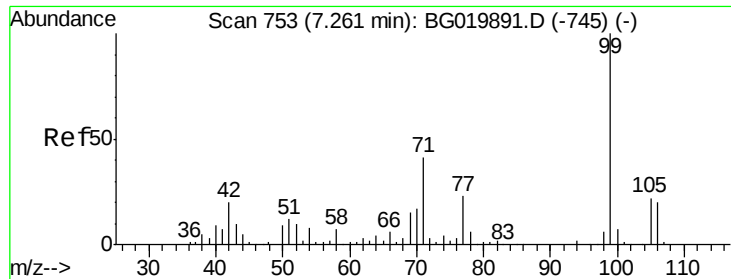


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.77 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019881.D

Acq: 3 Dec 2015 21:58

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-D-B

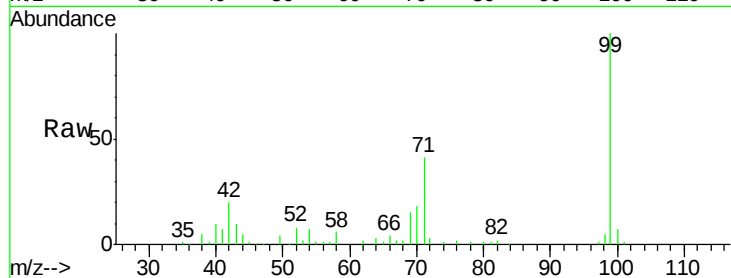
Tot Ion: 99 Resp: 63305

Ion Ratio Lower Upper

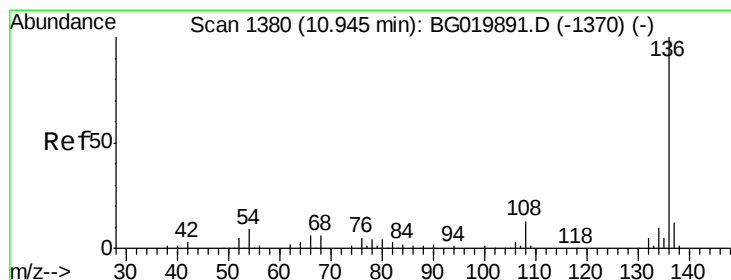
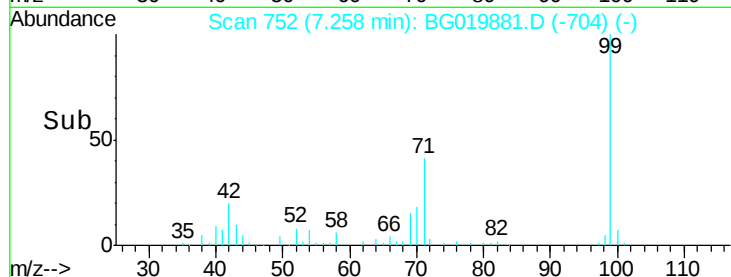
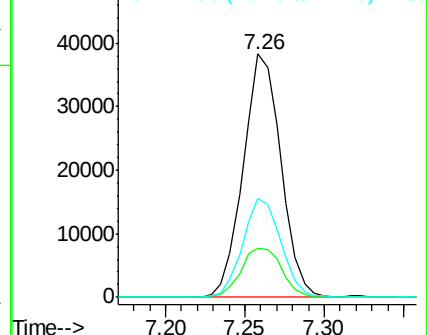
99 100

42 20.2 11.5 17.3#

71 40.9 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: BG019881.D

Acq: 3 Dec 2015 21:58

Tgt Ion: 136 Resp: 107117

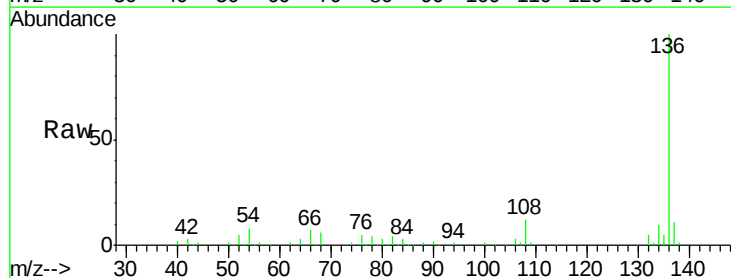
Ion Ratio Lower Upper

136 100

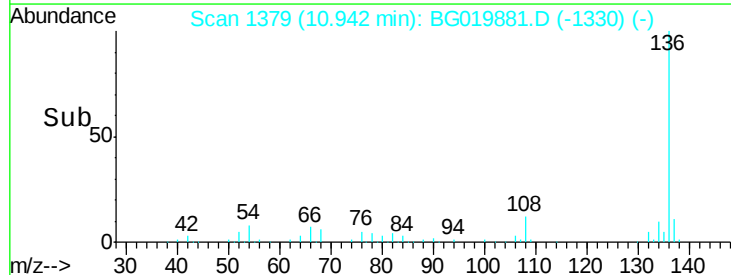
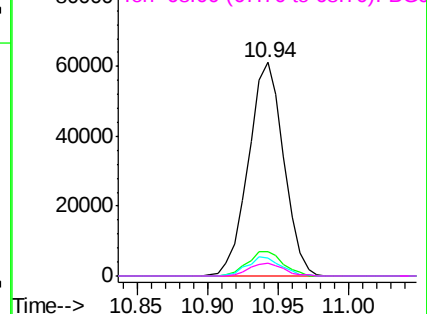
137 11.3 8.6 12.8

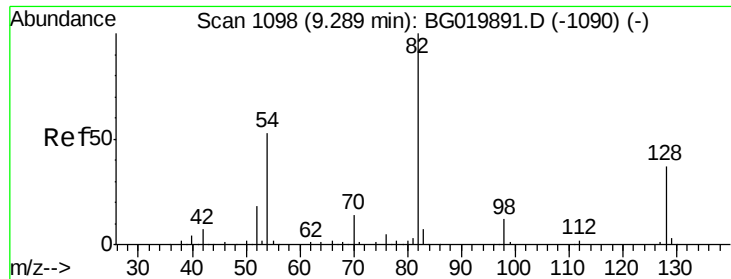
54 8.3 5.4 8.2#

68 5.9 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

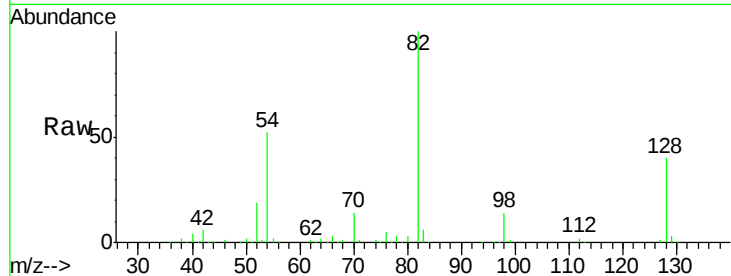




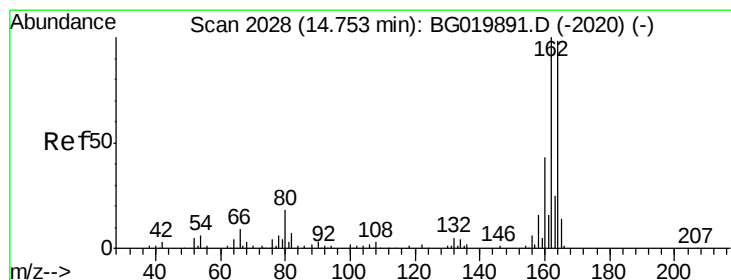
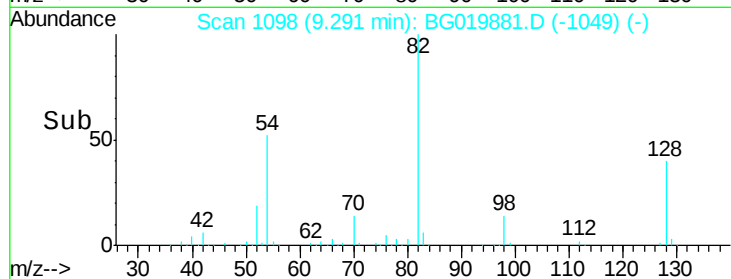
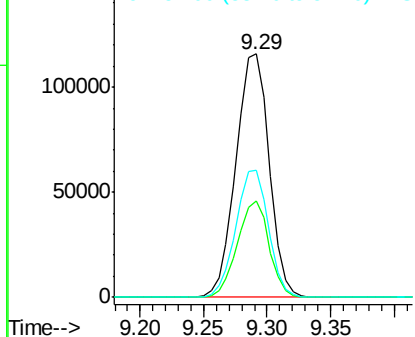
#23
Nitrobenzene-d5
Concen: 100.09 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019881.D
Acq: 3 Dec 2015 21:58

Instrument :
BNA_G
ClientSampleId :
112815-A263-F-D-B

Tot Ion: 82 Resp: 210070
Ion Ratio Lower Upper
82 100
128 39.8 36.7 55.1
54 52.1 33.8 50.8#

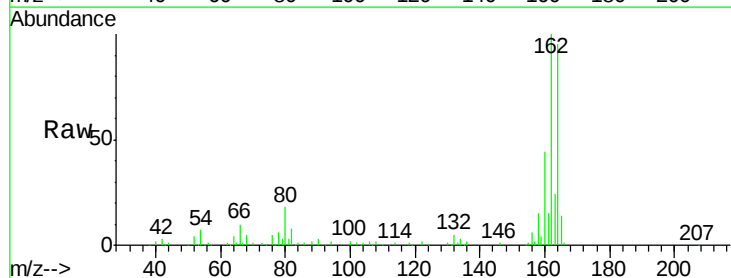


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

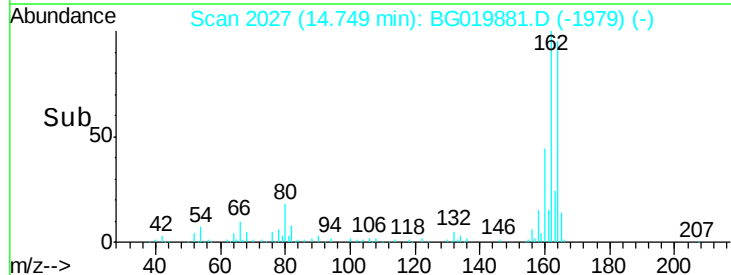
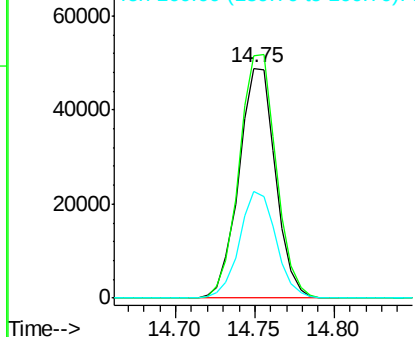


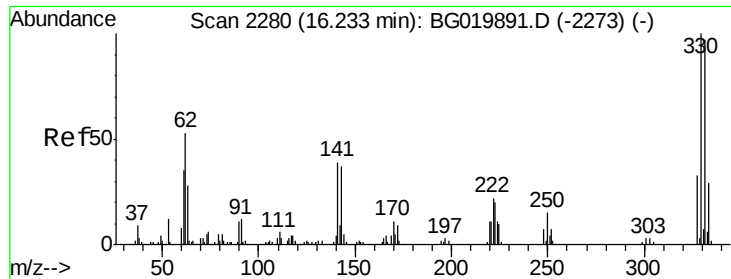
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019881.D
Acq: 3 Dec 2015 21:58

Tgt Ion:164 Resp: 77942
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 46.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 91.30 ng

RT: 16.24 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG019881.D

Acq: 3 Dec 2015 21:58

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-D-B

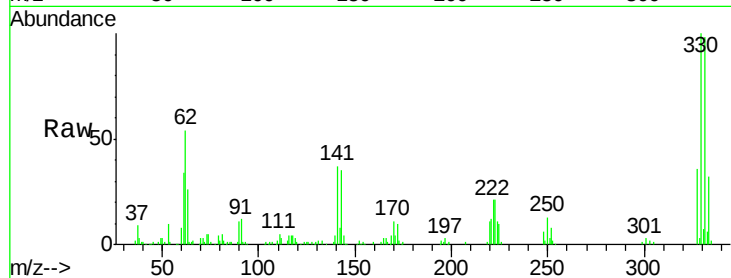
Tot Ion:330 Resp: 108880

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

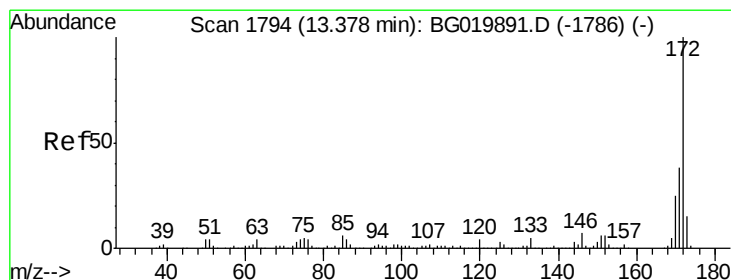
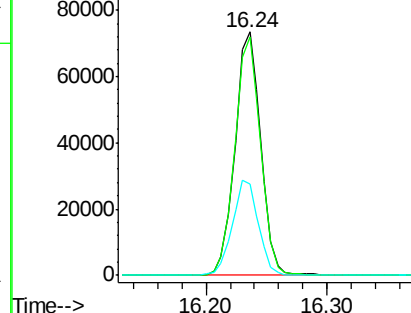
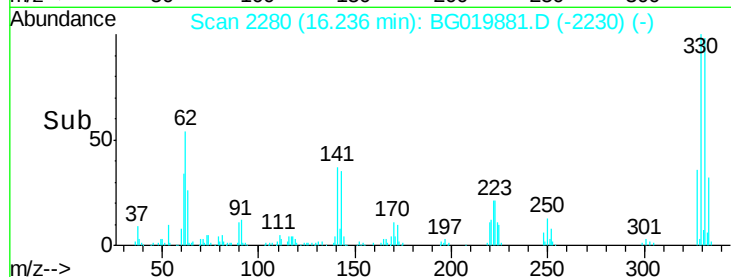
141 39.4 28.2 42.2



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: 93.20 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG019881.D

Acq: 3 Dec 2015 21:58

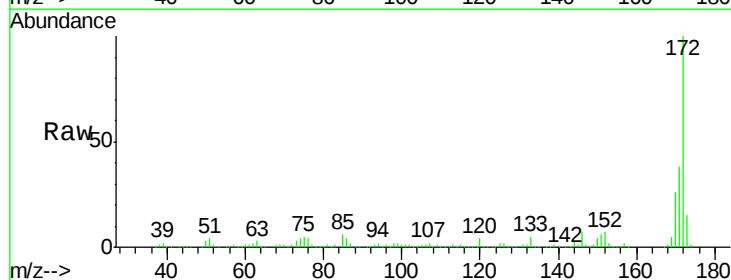
Tgt Ion:172 Resp: 532038

Ion Ratio Lower Upper

172 100

171 37.7 29.0 43.6

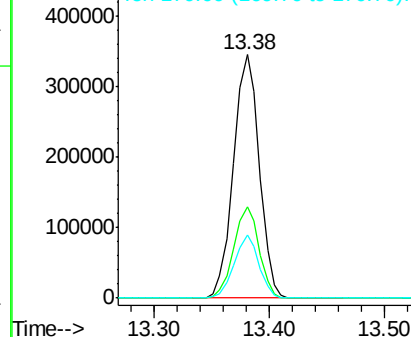
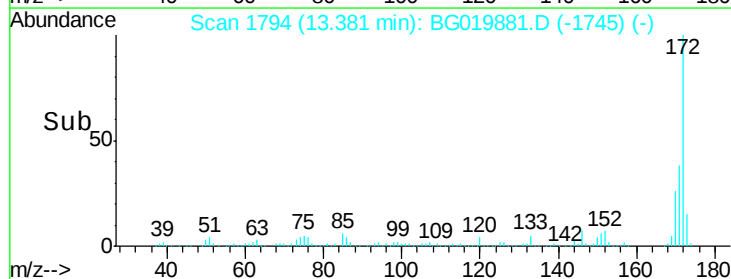
170 25.8 19.9 29.9

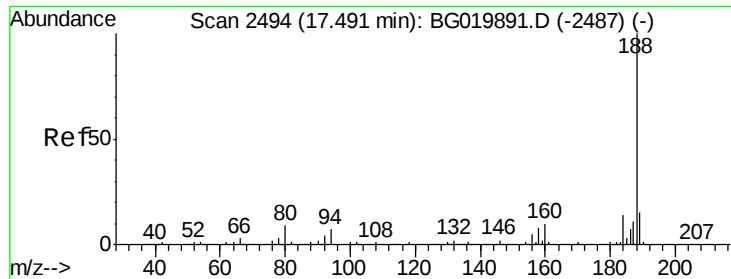


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

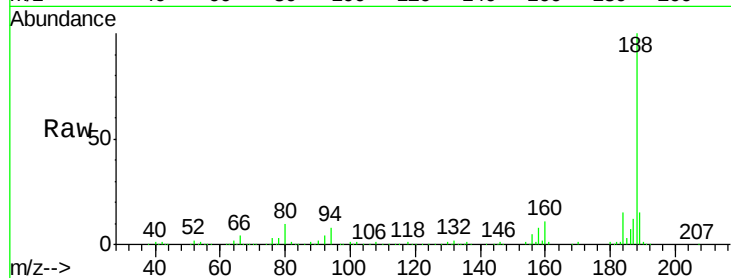




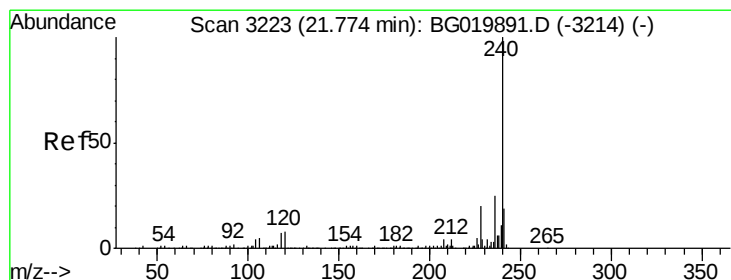
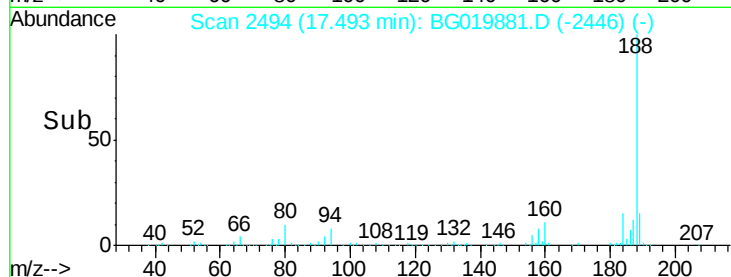
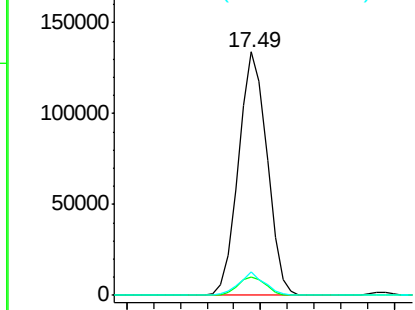
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019881.D
Acq: 3 Dec 2015 21:58

Instrument :
BNA_G
ClientSampleId :
112815-A263-F-D-B

Tot Ion:188 Resp: 197618
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5#
80 9.6 7.8 11.8

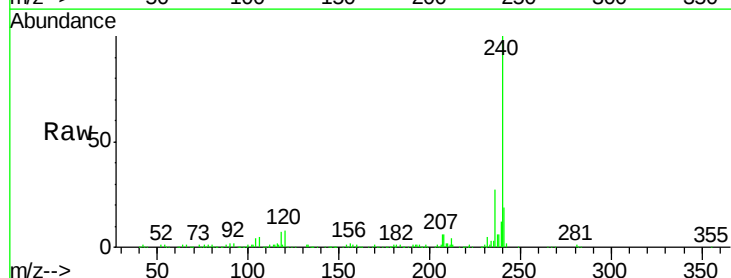


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

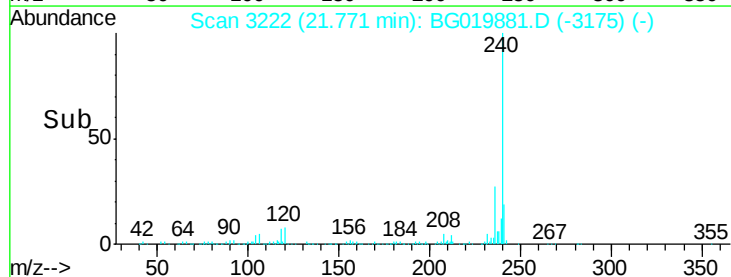
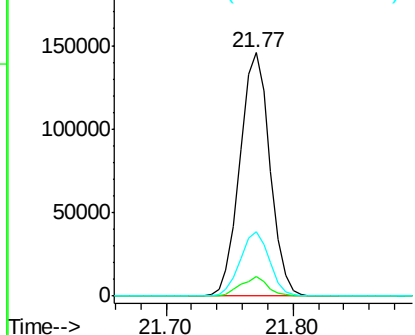


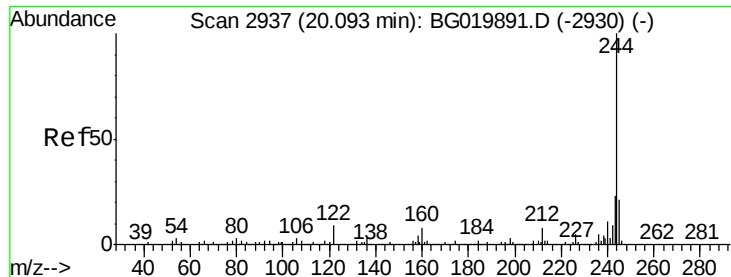
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019881.D
Acq: 3 Dec 2015 21:58

Tgt Ion:240 Resp: 238782
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 26.7 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: 95.80 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG019881.D

Acq: 3 Dec 2015 21:58

Instrument :

BNA_G

ClientSampleId :

112815-A263-F-D-B

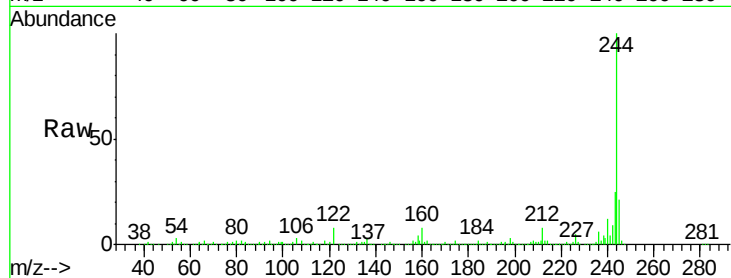
Tot Ion:244 Resp: 937786

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

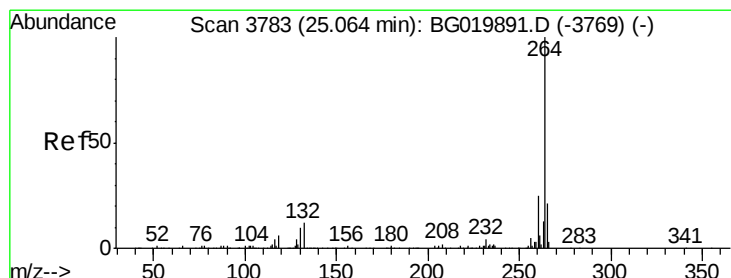
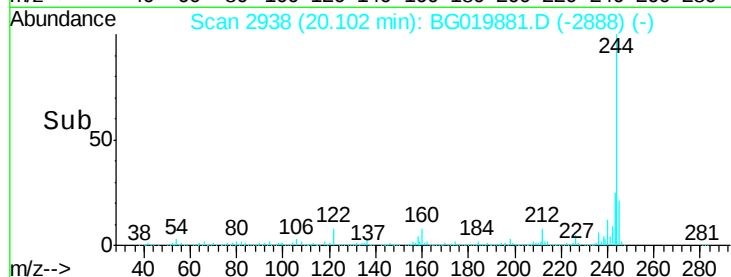
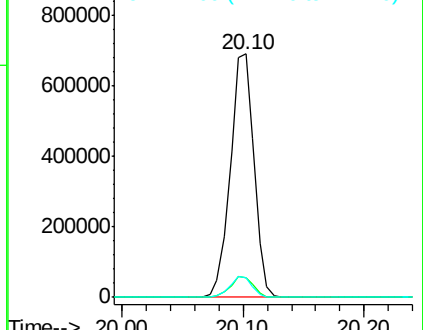
122 7.9 10.2 15.2#



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: BG019881.D

Acq: 3 Dec 2015 21:58

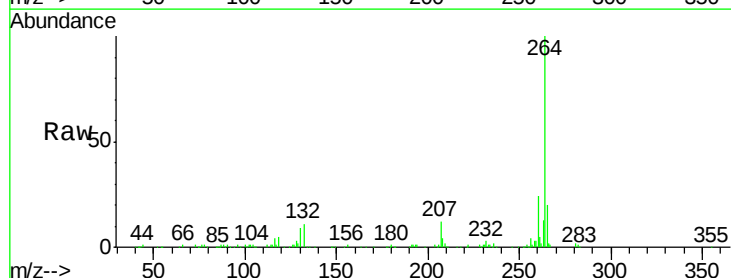
Tgt Ion:264 Resp: 225886

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 20.4 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

