

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019968.D
 Acq On : 6 Dec 2015 15:45
 Operator : UM/NP
 Sample : G4650-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-6

Quant Time: Dec 07 03:20:00 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

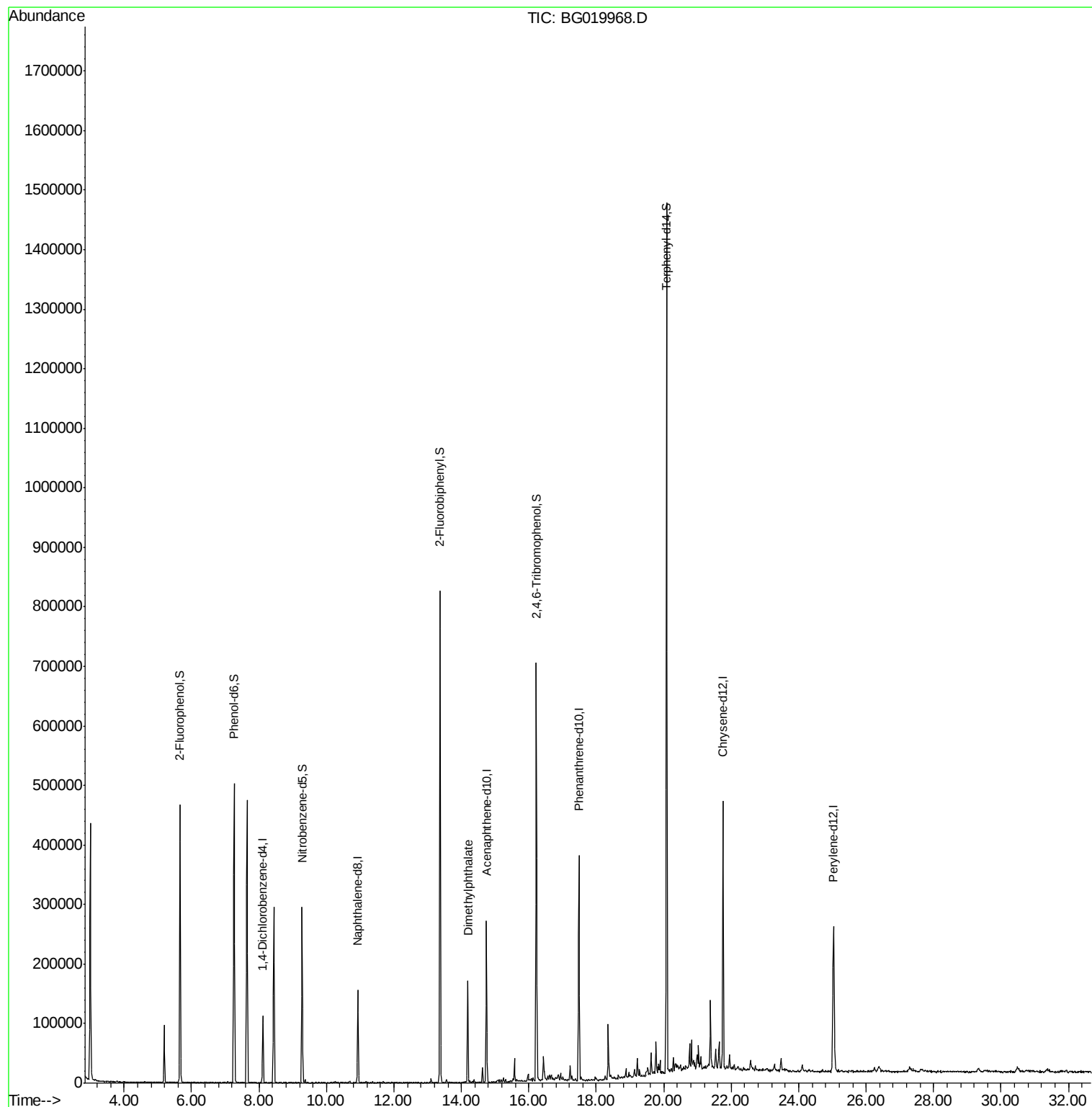
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	30404	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	131748	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	90902	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	229694	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	282220	20.00	ng	-0.04
86) Perylene-d12	25.03	264	270319	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	187434	111.42	ng	-0.01
7) Phenol-d6	7.26	99	283639	111.67	ng	-0.01
23) Nitrobenzene-d5	9.28	82	183905	71.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	125528	90.25	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	415636	62.43	ng	-0.02
78) Terphenyl-d14	20.08	244	649568	56.14	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.19	163	110296	13.49	ng	Qvalue 99

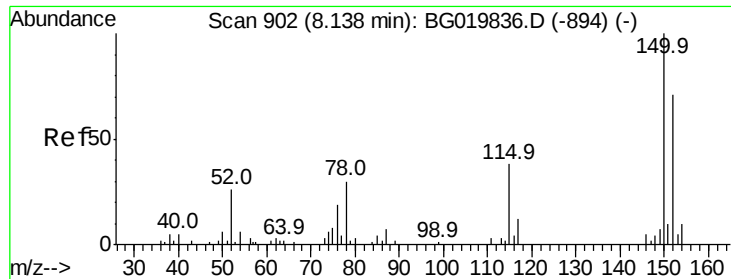
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
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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: BG019968.D

Acq: 6 Dec 2015 15:45

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-6

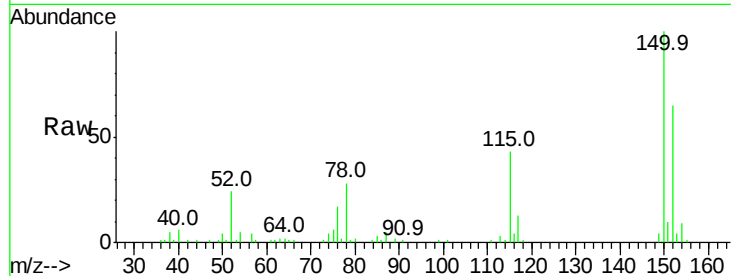
Tot Ion:152 Resp: 30404

Ion Ratio Lower Upper

152 100

150 153.4 115.0 172.4

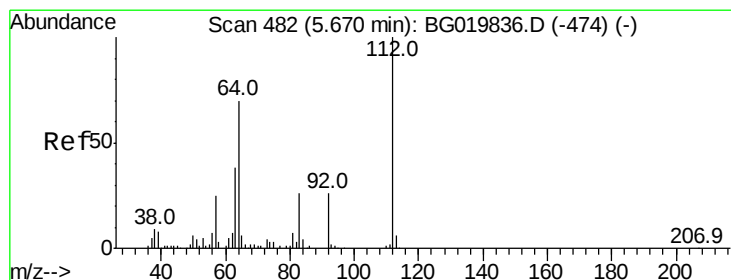
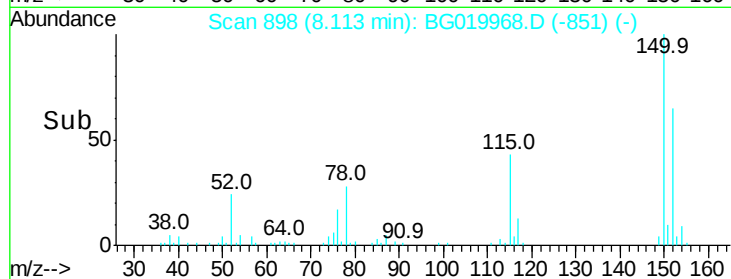
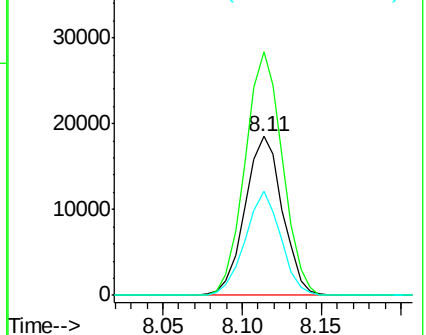
115 65.2 43.9 65.9



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: 111.42 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019968.D

Acq: 6 Dec 2015 15:45

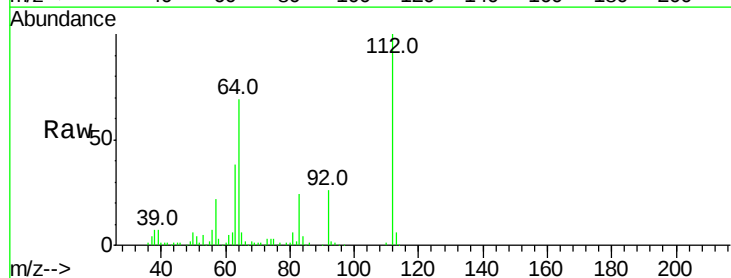
Tgt Ion:112 Resp: 187434

Ion Ratio Lower Upper

112 100

64 68.8 43.7 65.5#

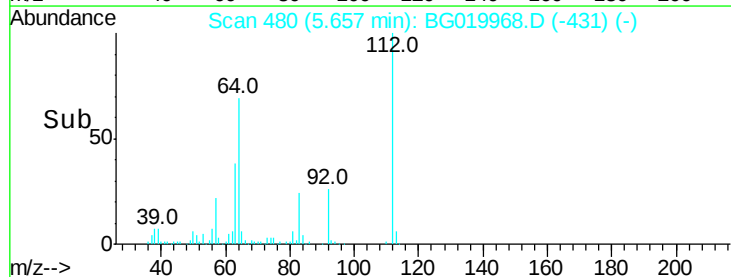
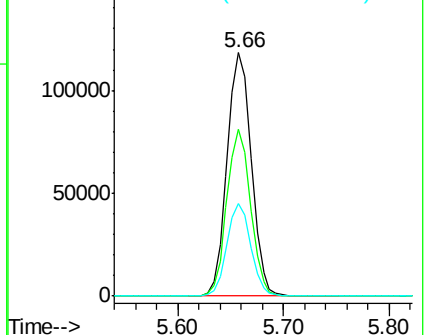
63 38.0 24.0 36.0#

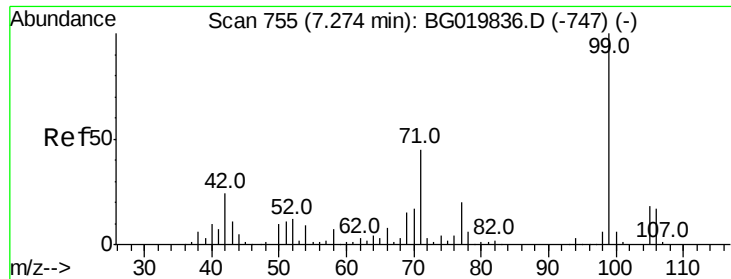


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.67 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019968.D

Acq: 6 Dec 2015 15:45

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-6

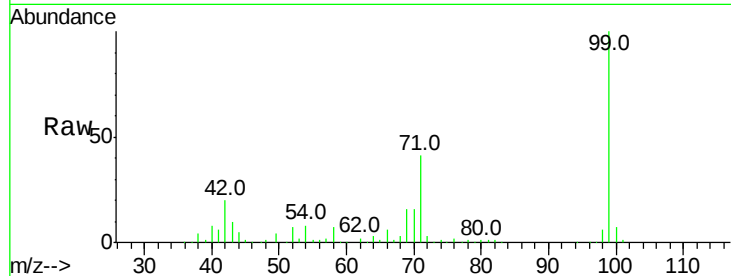
Tot Ion: 99 Resp: 283639

Ion Ratio Lower Upper

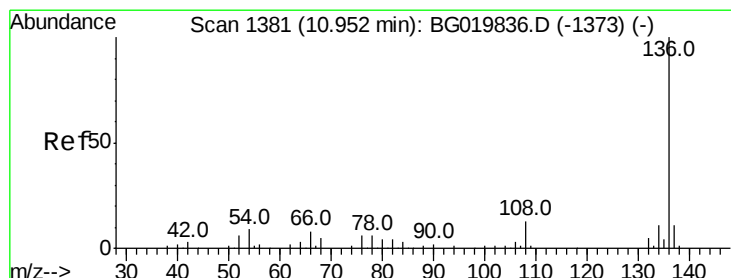
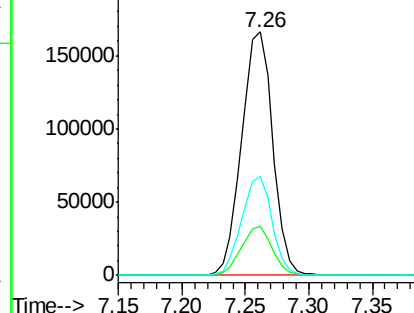
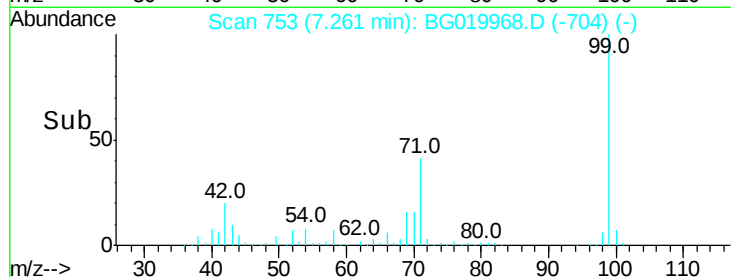
99 100

42 20.2 11.5 17.3#

71 40.8 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: BG019968.D

Acq: 6 Dec 2015 15:45

Tgt Ion: 136 Resp: 131748

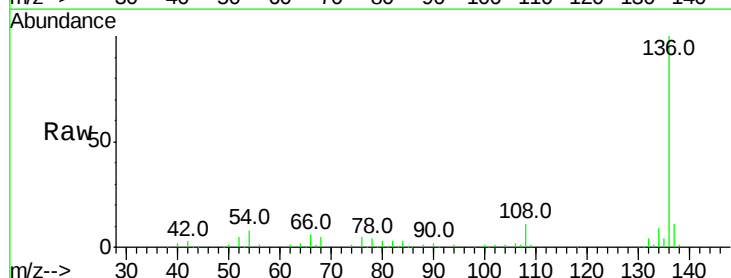
Ion Ratio Lower Upper

136 100

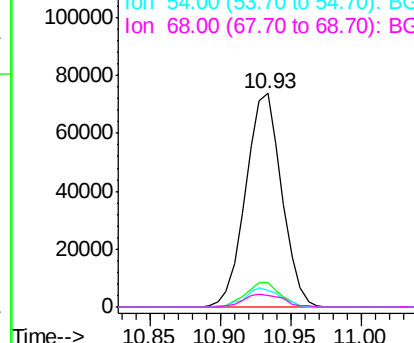
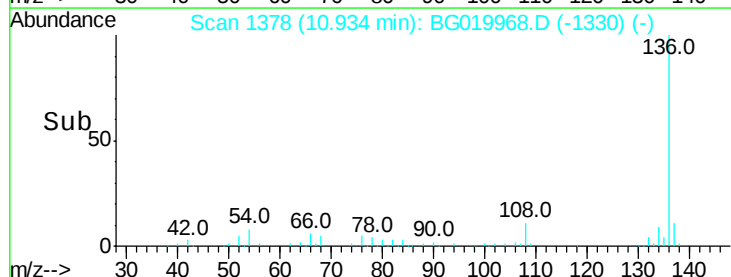
137 11.3 8.6 12.8

54 8.1 5.4 8.2

68 5.3 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

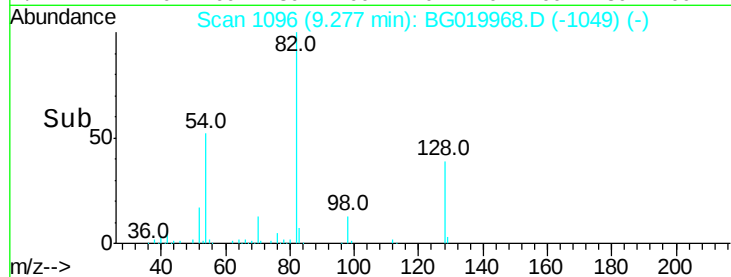
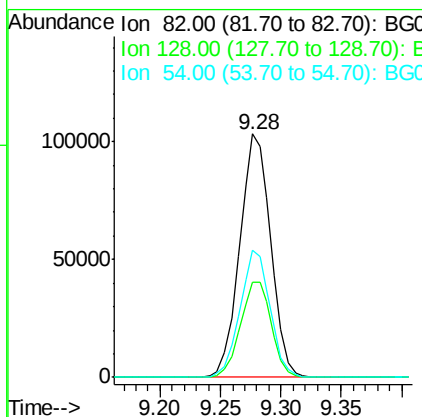
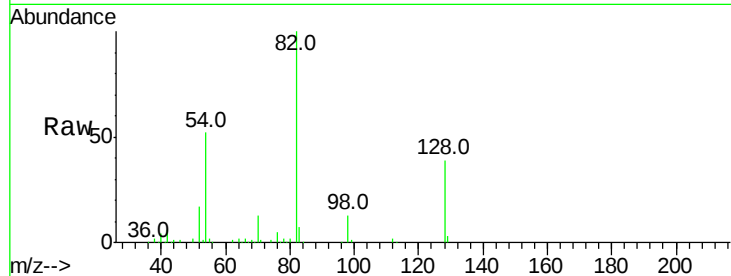




#23
Nitrobenzene-d5
Concen: 71.24 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019968.D
Acq: 6 Dec 2015 15:45

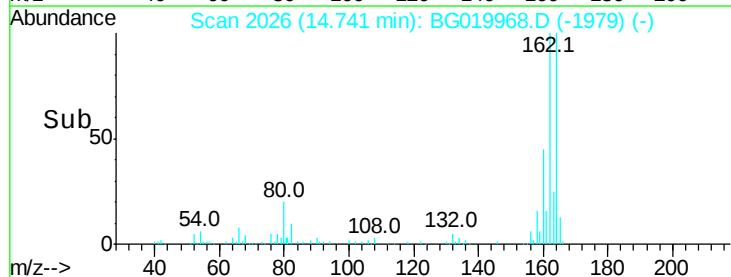
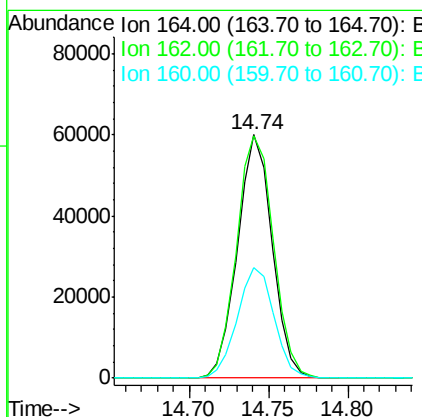
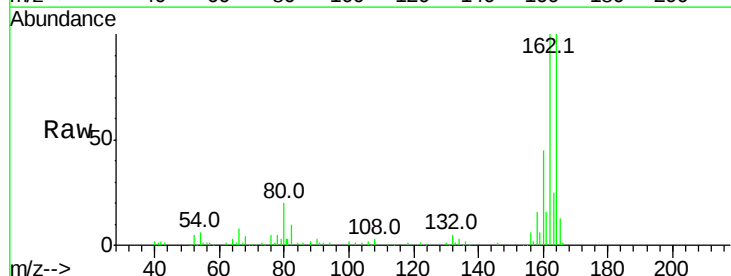
Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-6

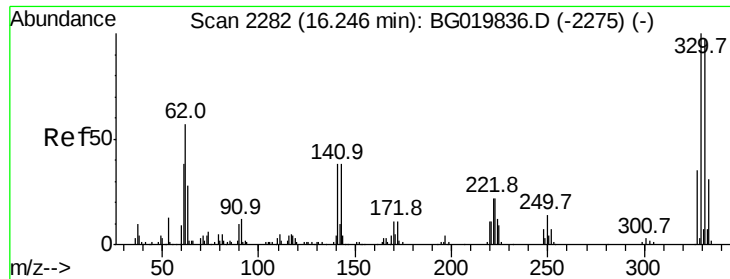
Tot Ion: 82 Resp: 183905
Ion Ratio Lower Upper
82 100
128 39.2 36.7 55.1
54 52.3 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019968.D
Acq: 6 Dec 2015 15:45

Tgt Ion:164 Resp: 90902
Ion Ratio Lower Upper
164 100
162 99.7 78.8 118.2
160 45.2 36.4 54.6

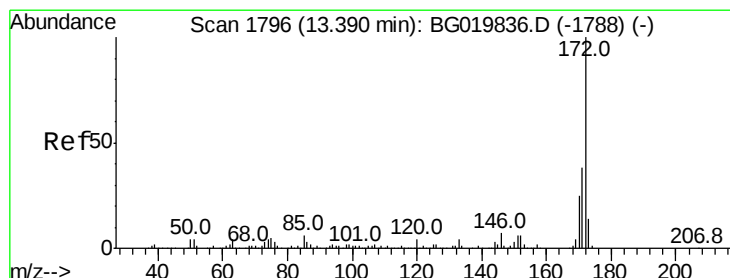
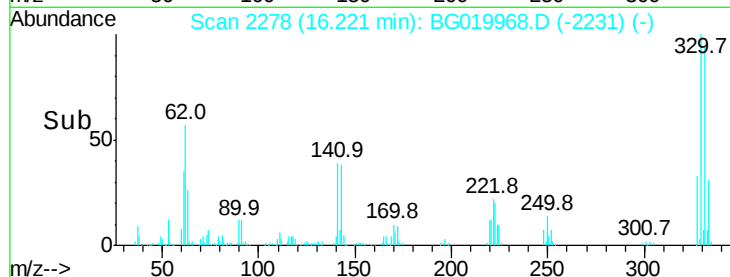
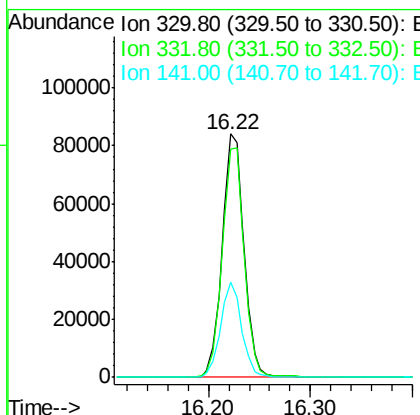
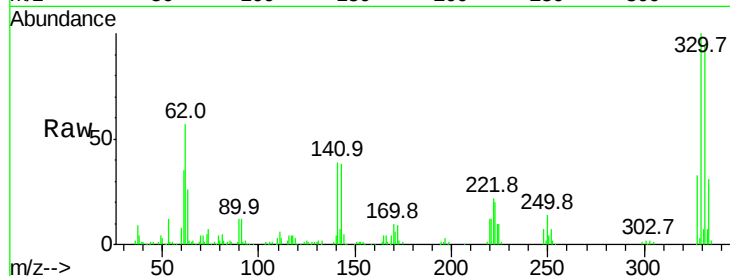




#41
 2,4,6-Tribromophenol
 Concen: 90.25 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019968.D
 Acq: 6 Dec 2015 15:45

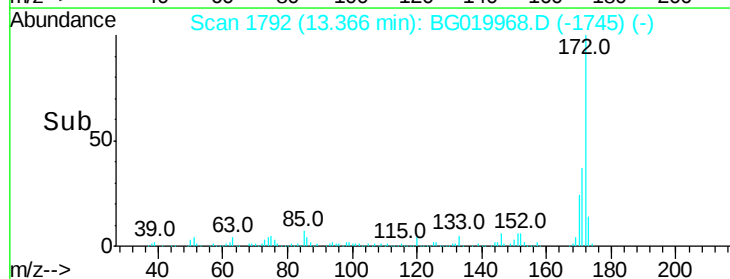
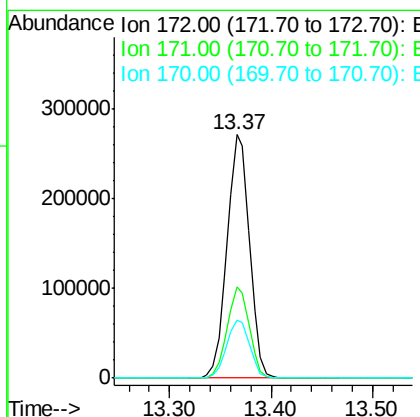
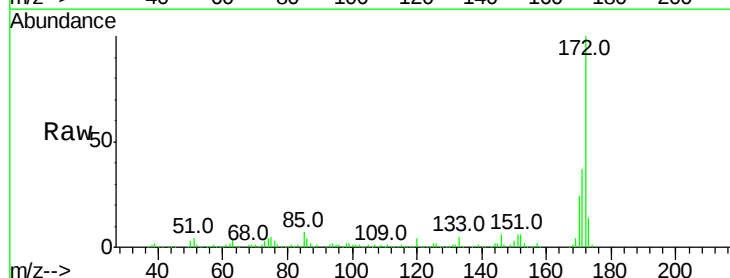
Instrument :
 BNA_G
 ClientSampled :
 COFF(0-2)-6

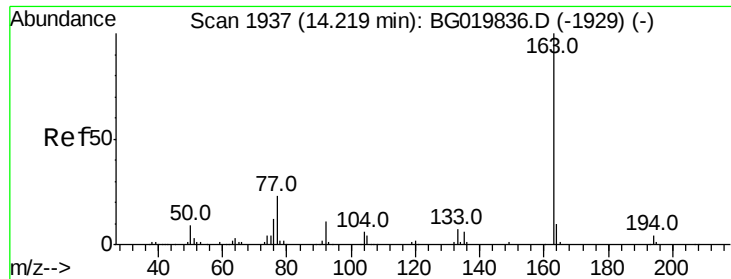
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	37.8	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 62.43 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019968.D
 Acq: 6 Dec 2015 15:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	24.0	19.9	29.9





#49

Dimethylphthalate

Concen: 13.49 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG019968.D

Acq: 6 Dec 2015 15:45

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-6

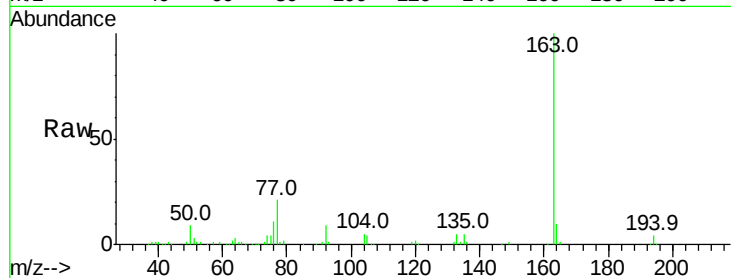
Tot Ion:163 Resp: 110296

Ion Ratio Lower Upper

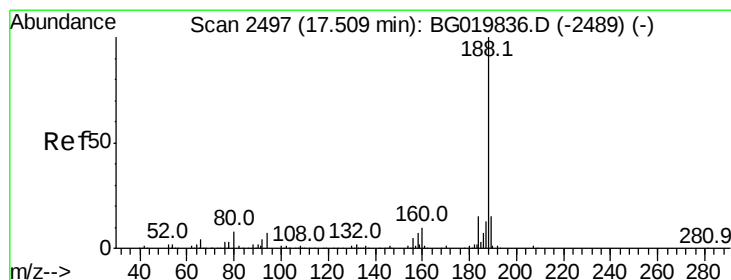
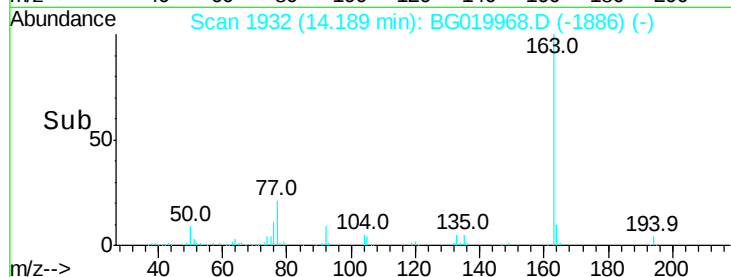
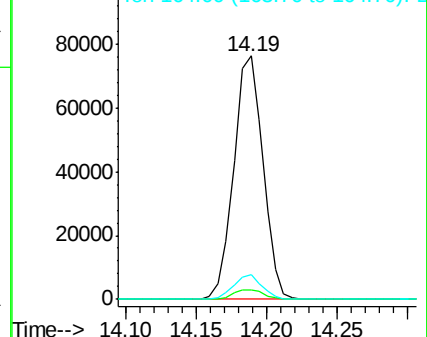
163 100

194 3.8 3.1 4.7

164 10.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019968.D

Acq: 6 Dec 2015 15:45

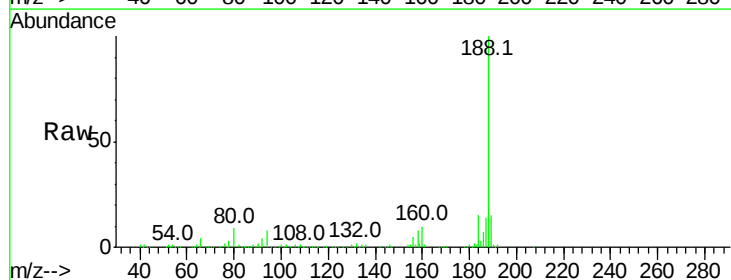
Tgt Ion:188 Resp: 229694

Ion Ratio Lower Upper

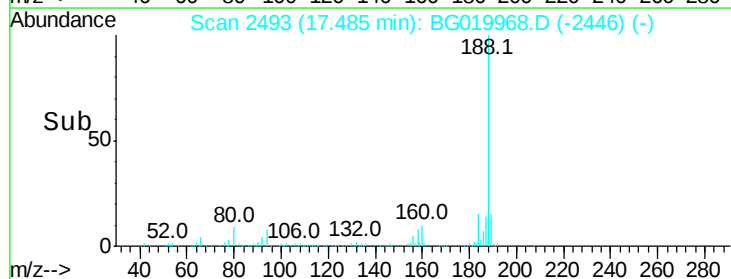
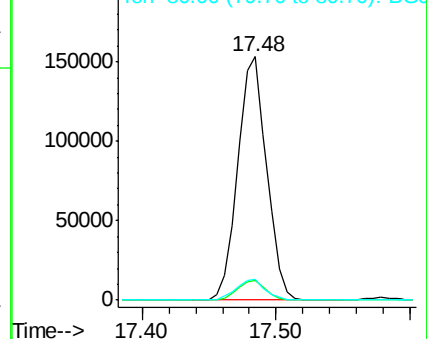
188 100

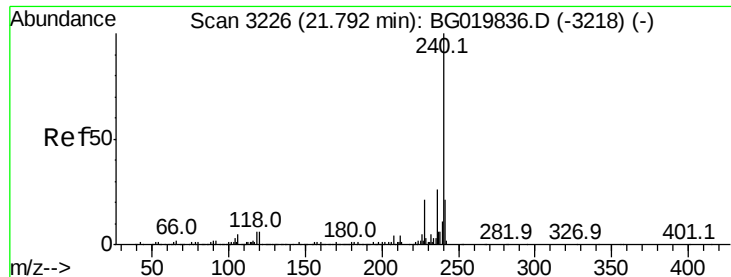
94 7.9 7.7 11.5

80 8.5 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: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019968.D

Acq: 6 Dec 2015 15:45

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-6

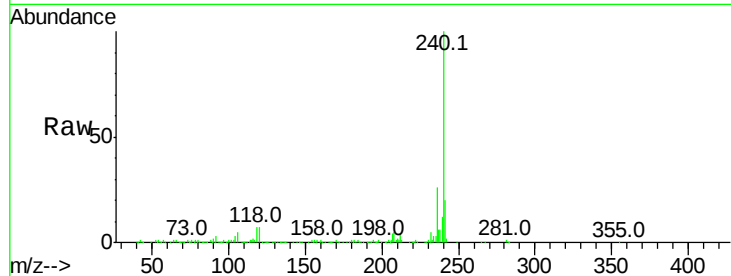
Tot Ion:240 Resp: 282220

Ion Ratio Lower Upper

240 100

120 7.1 7.4 11.0#

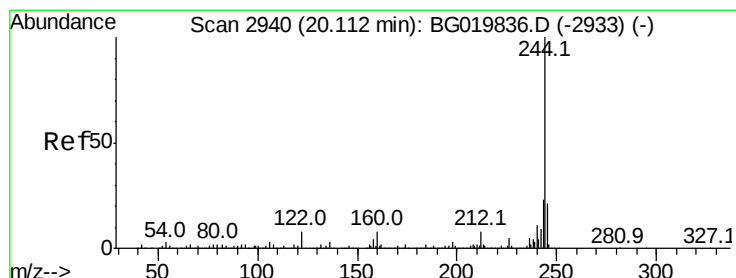
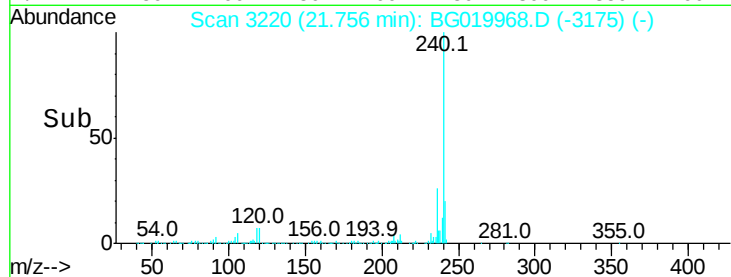
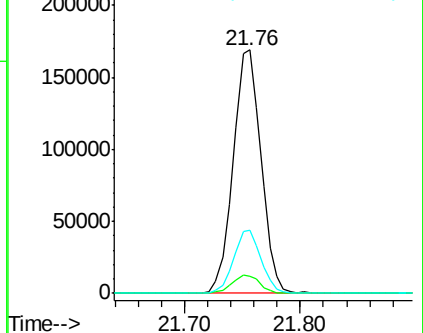
236 26.1 20.7 31.1



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: 56.14 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019968.D

Acq: 6 Dec 2015 15:45

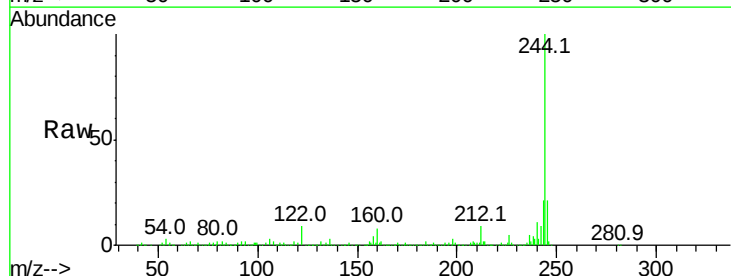
Tgt Ion:244 Resp: 649568

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

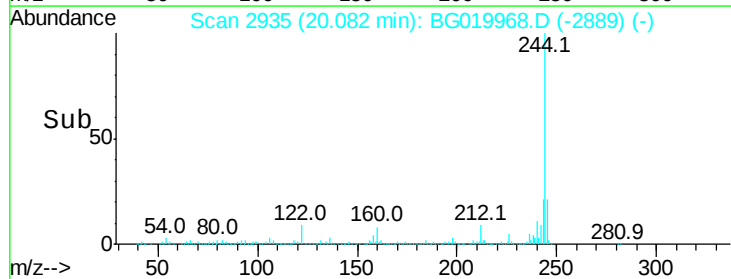
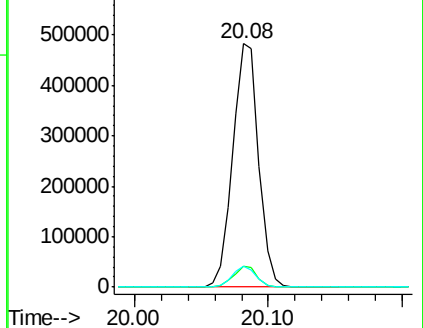
122 8.8 10.2 15.2#

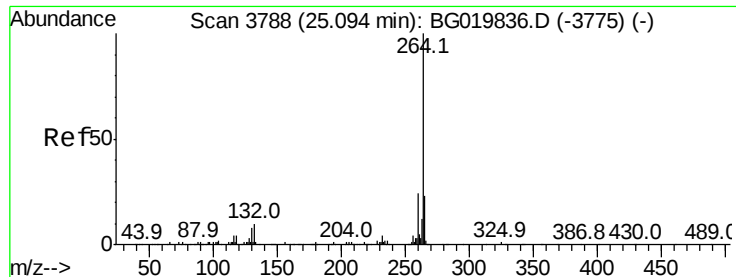


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG019968.D
Acq: 6 Dec 2015 15:45

Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.1	17.2	25.8

