

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019961.D
 Acq On : 6 Dec 2015 11:16
 Operator : UM/NP
 Sample : G4650-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-1

Quant Time: Dec 07 03:15:55 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

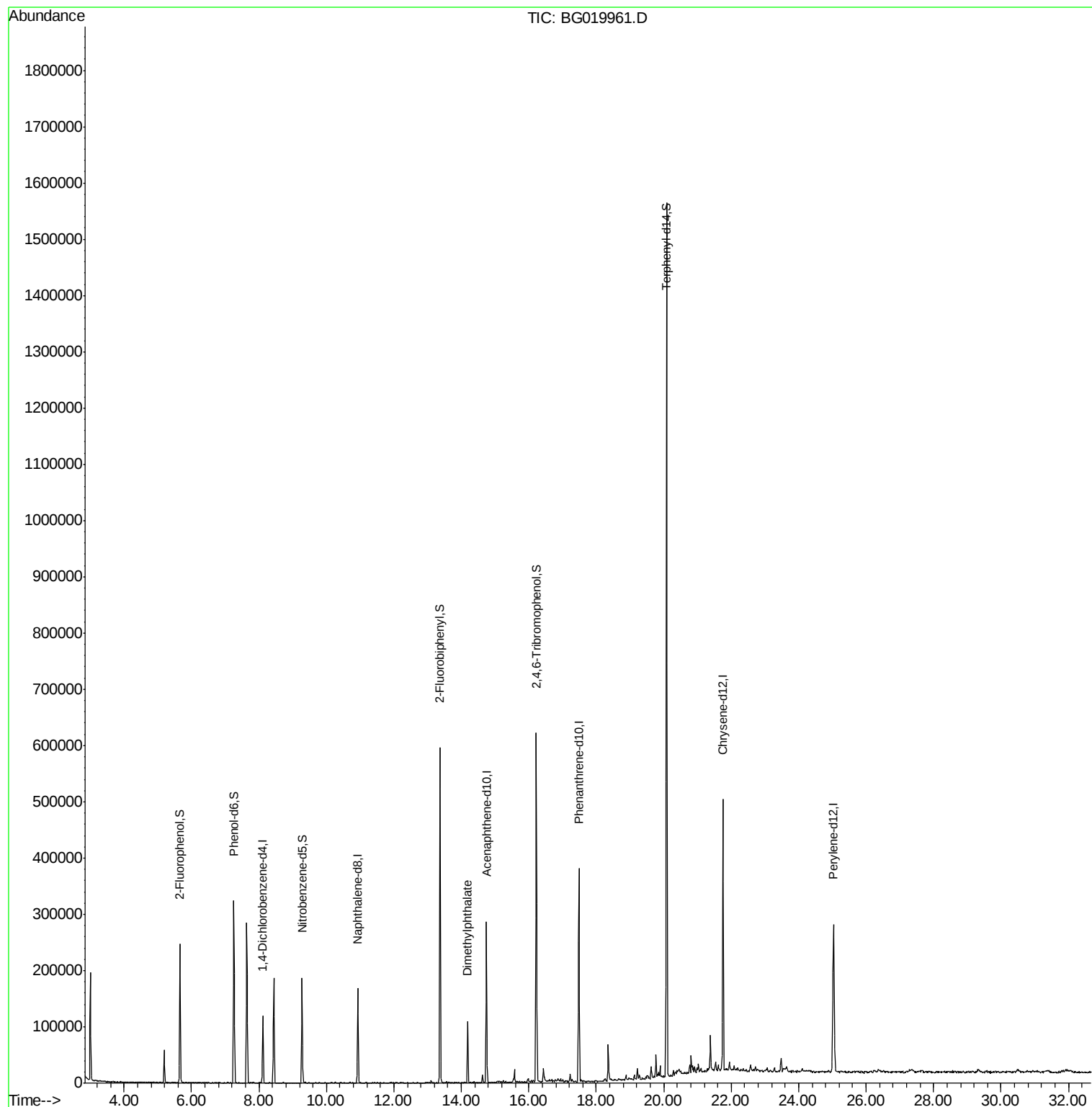
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31410	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	135741	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	96079	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	238369	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	299454	20.00	ng	-0.04
86) Perylene-d12	25.04	264	281883	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	107781	62.02	ng	-0.02
7) Phenol-d6	7.26	99	180723	68.87	ng	-0.02
23) Nitrobenzene-d5	9.28	82	116167	43.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	111730	76.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	306261	43.52	ng	-0.02
78) Terphenyl-d14	20.08	244	691932	56.36	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.18	163	70805	8.19	ng	Qvalue 97

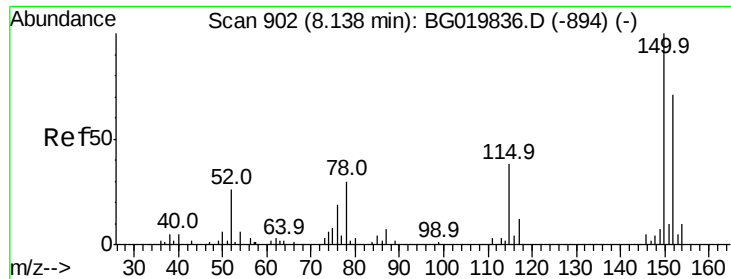
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019961.D

Acq: 6 Dec 2015 11:16

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-1

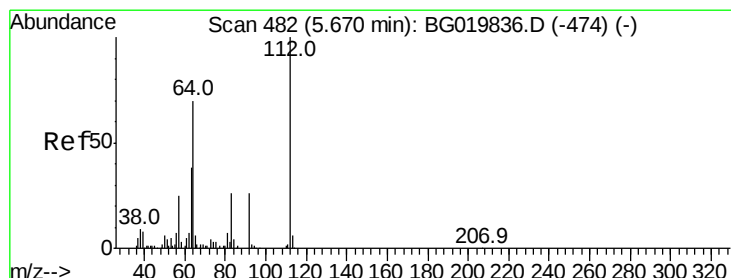
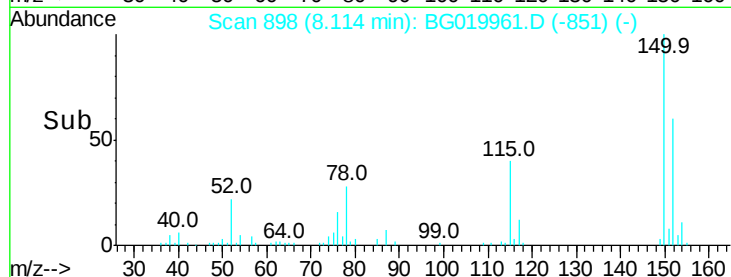
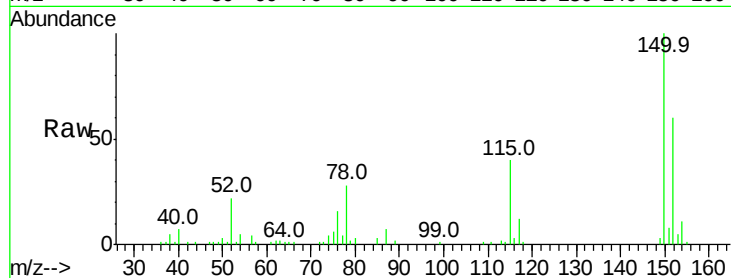
Tot Ion:152 Resp: 31410

Ion Ratio Lower Upper

152 100

150 167.2 115.0 172.4

115 66.8 43.9 65.9#



#5

2-Fluorophenol

Concen: 62.02 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.02 min

Lab File: BG019961.D

Acq: 6 Dec 2015 11:16

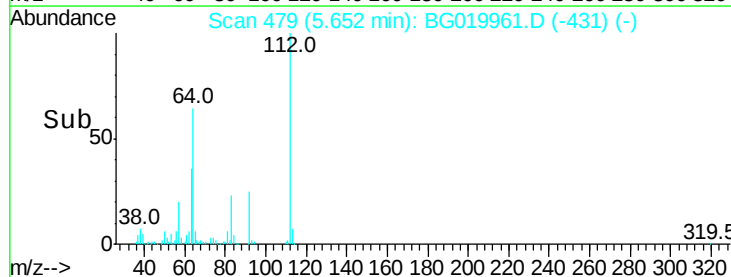
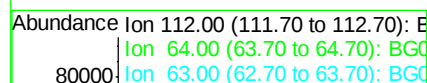
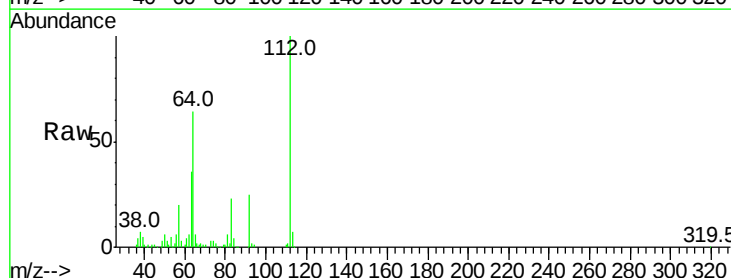
Tgt Ion:112 Resp: 107781

Ion Ratio Lower Upper

112 100

64 64.4 43.7 65.5

63 36.1 24.0 36.0#





#7

Phenol-d6

Concen: 68.87 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019961.D

Acq: 6 Dec 2015 11:16

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-1

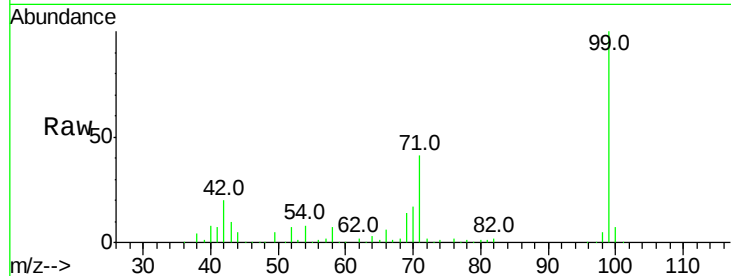
Tot Ion: 99 Resp: 180723

Ion Ratio Lower Upper

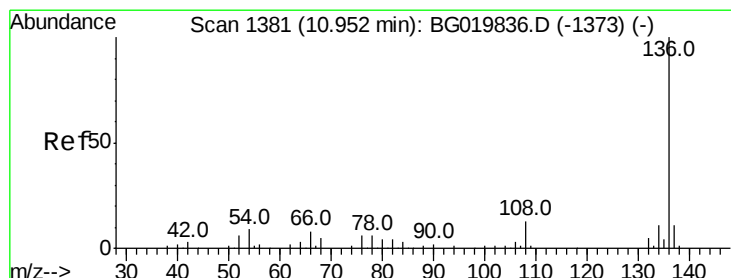
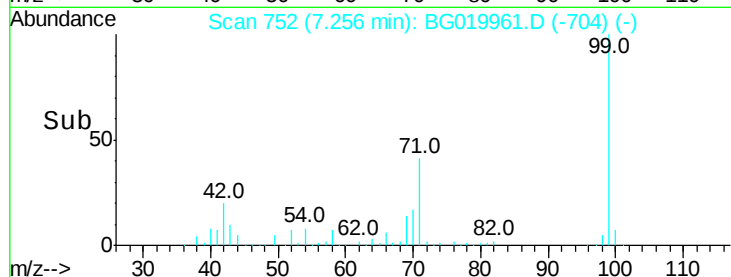
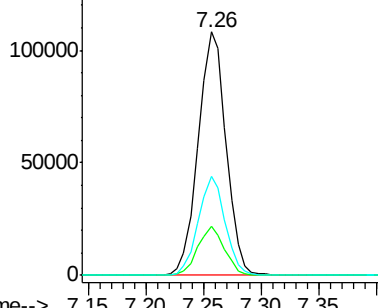
99 100

42 19.9 11.5 17.3#

71 40.6 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# 1377

Delta R.T. -0.02 min

Lab File: BG019961.D

Acq: 6 Dec 2015 11:16

Tgt Ion: 136 Resp: 135741

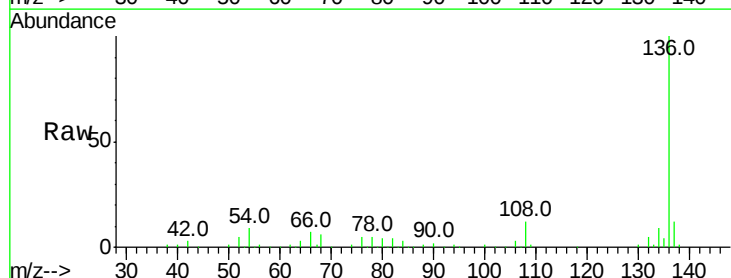
Ion Ratio Lower Upper

136 100

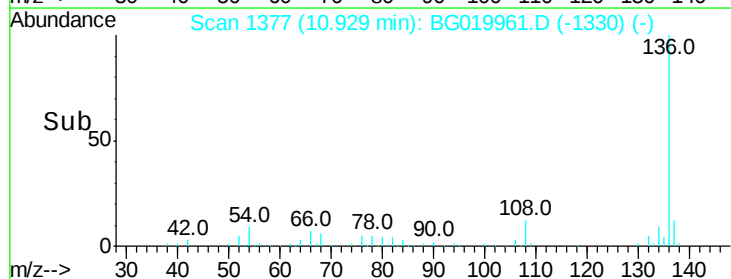
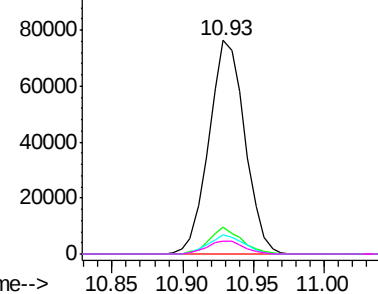
137 12.3 8.6 12.8

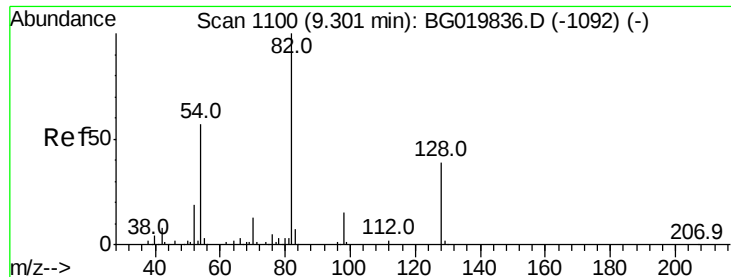
54 9.3 5.4 8.2#

68 6.3 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

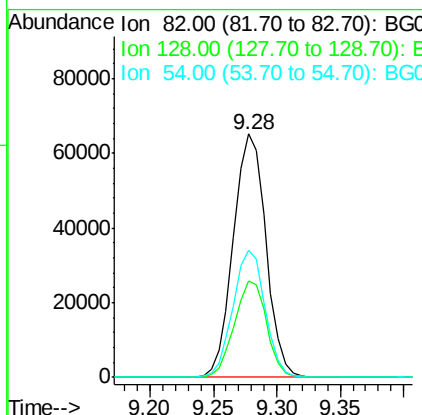
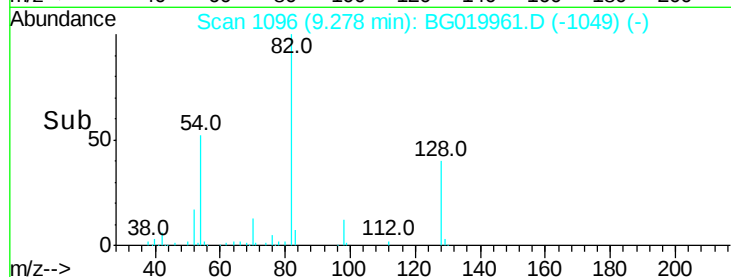
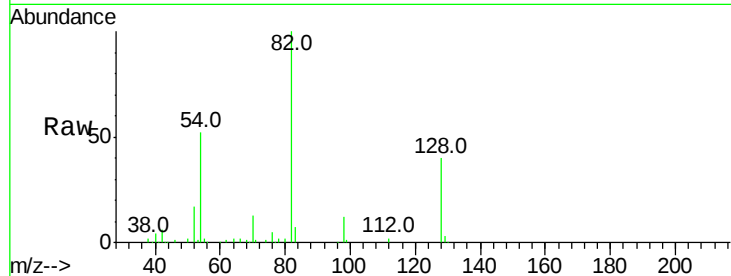




#23
Nitrobenzene-d5
Concen: 43.68 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019961.D
Acq: 6 Dec 2015 11:16

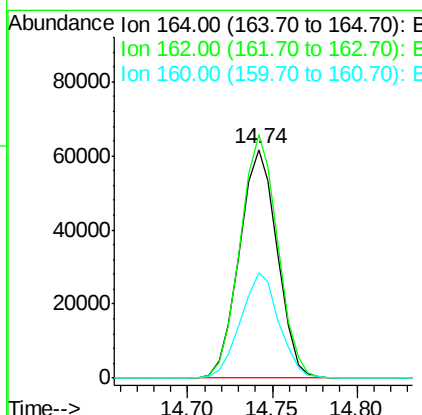
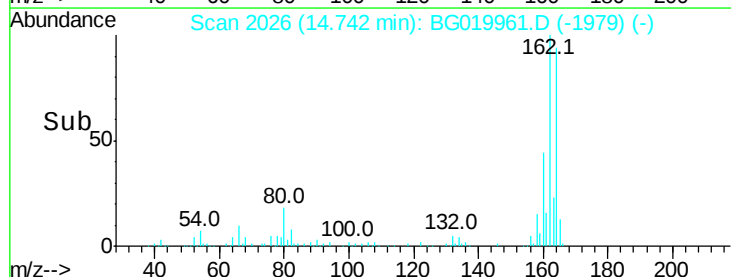
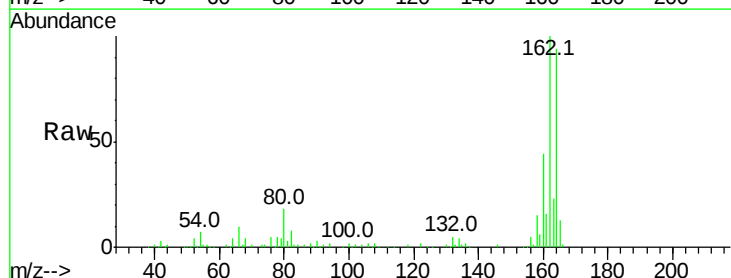
Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-1

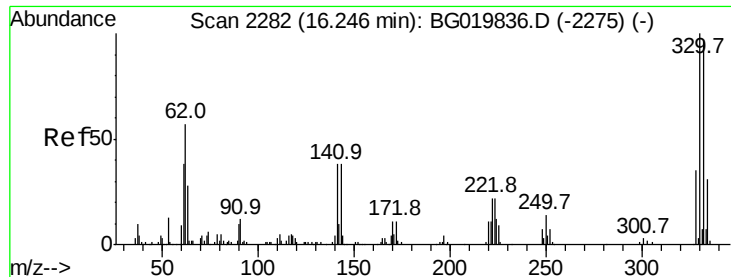
Tot Ion: 82 Resp: 116167
Ion Ratio Lower Upper
82 100
128 39.8 36.7 55.1
54 52.2 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019961.D
Acq: 6 Dec 2015 11:16

Tgt Ion:164 Resp: 96079
Ion Ratio Lower Upper
164 100
162 106.5 78.8 118.2
160 46.4 36.4 54.6

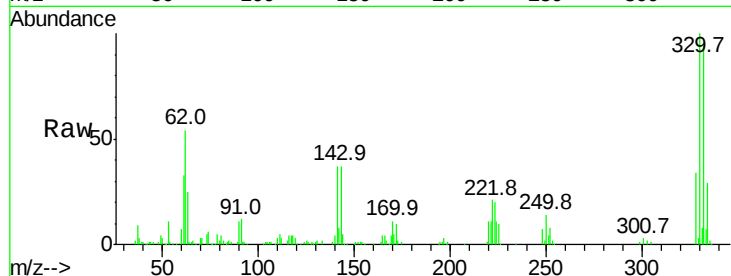




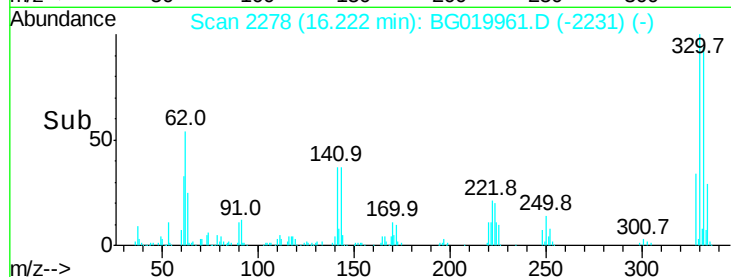
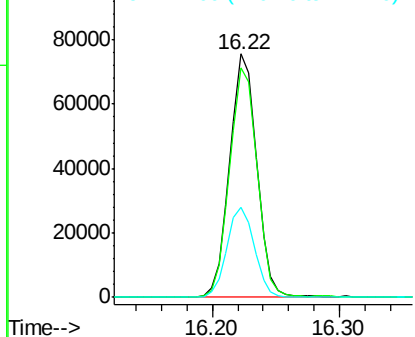
#41
 2,4,6-Tribromophenol
 Concen: 76.00 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019961.D
 Acq: 6 Dec 2015 11:16

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-1

Tot Ion:330 Resp: 111730
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.1 117.1
 141 37.4 28.2 42.2

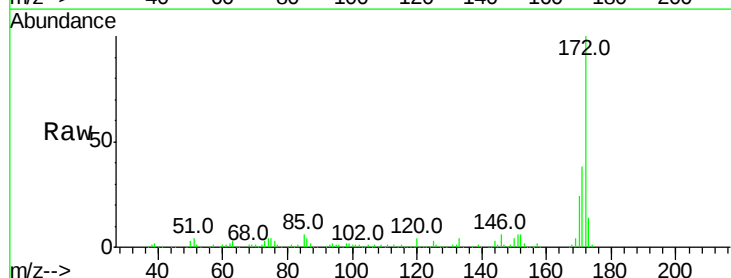


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

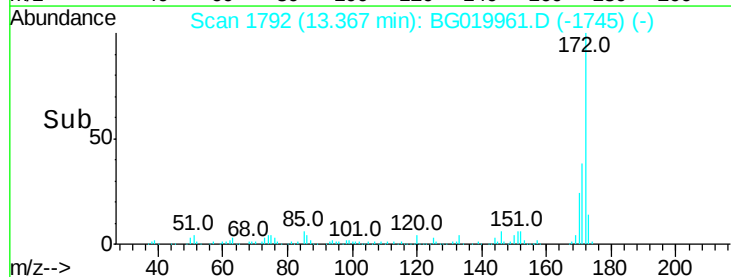
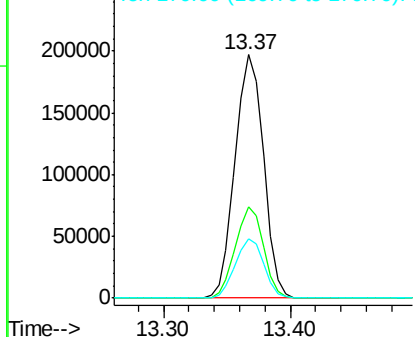


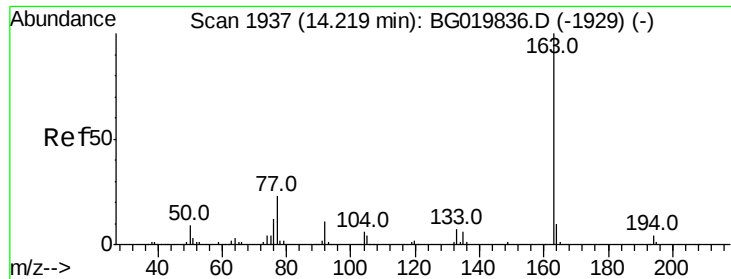
#44
 2-Fluorobiphenyl
 Concen: 43.52 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019961.D
 Acq: 6 Dec 2015 11:16

Tgt Ion:172 Resp: 306261
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.0 43.6
 170 24.5 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





#49

Dimethylphthalate

Concen: 8.19 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG019961.D

Acq: 6 Dec 2015 11:16

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-1

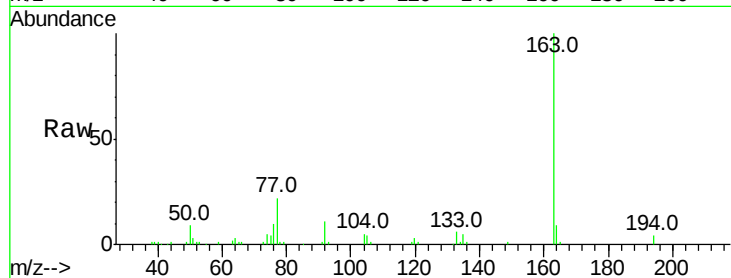
Tot Ion:163 Resp: 70805

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

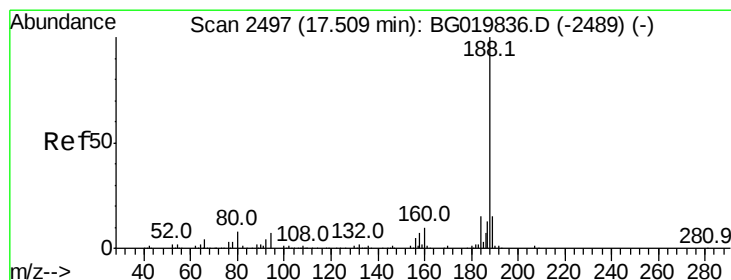
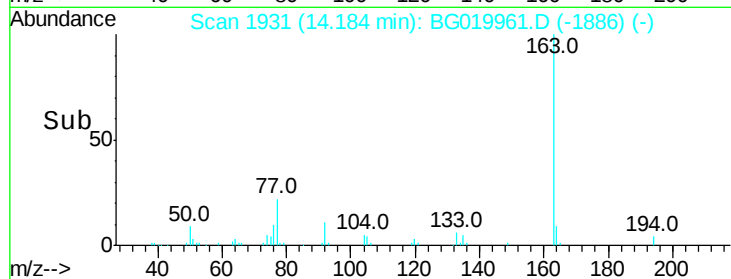
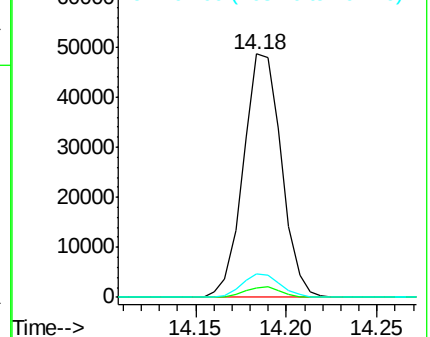
164 9.4 8.8 13.2



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# 2492

Delta R.T. -0.03 min

Lab File: BG019961.D

Acq: 6 Dec 2015 11:16

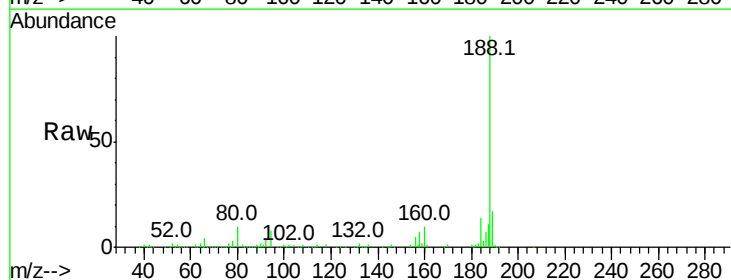
Tgt Ion:188 Resp: 238369

Ion Ratio Lower Upper

188 100

94 8.0 7.7 11.5

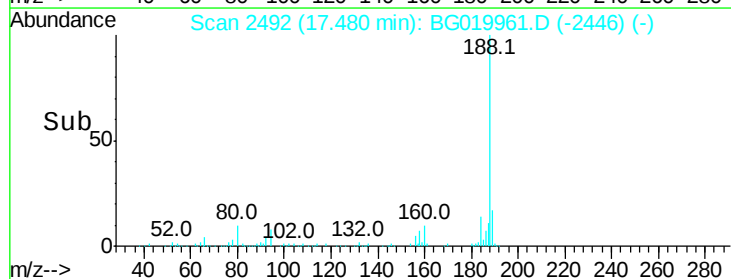
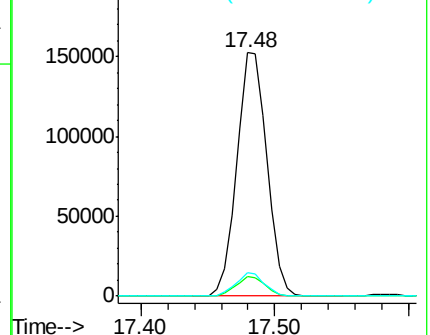
80 9.6 7.8 11.8

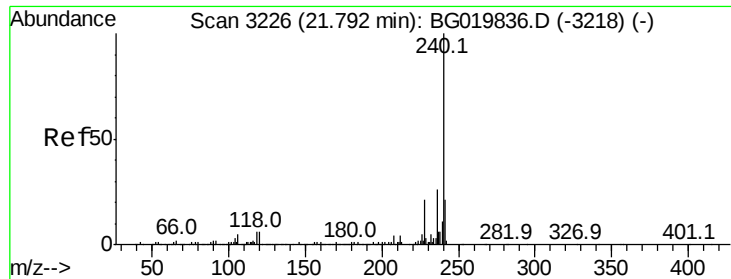


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG019961.D

Acq: 6 Dec 2015 11:16

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-1

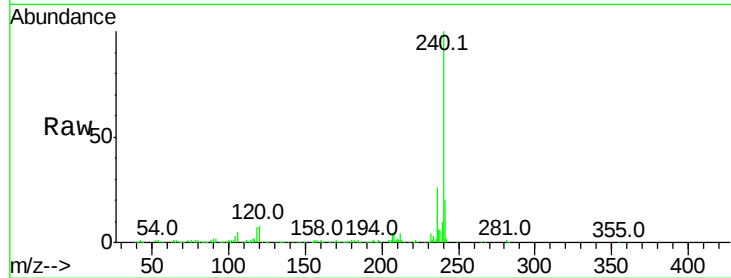
Tot Ion:240 Resp: 299454

Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.0

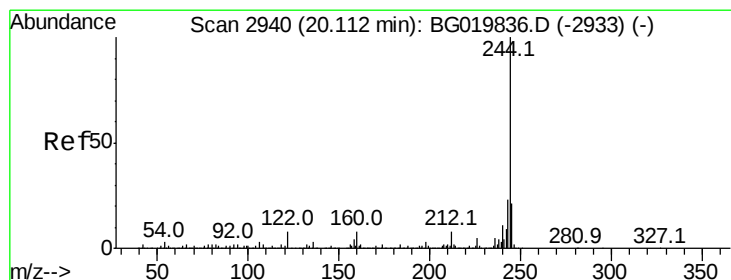
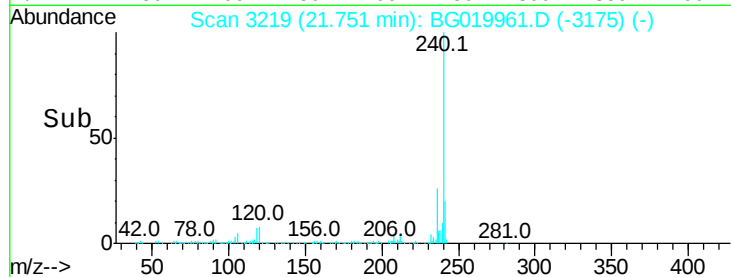
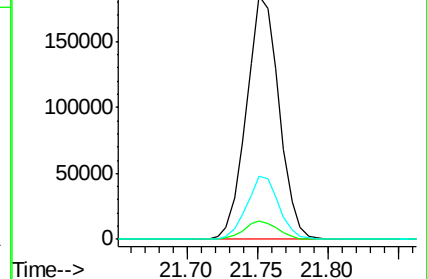
236 25.8 20.7 31.1



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: 56.36 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019961.D

Acq: 6 Dec 2015 11:16

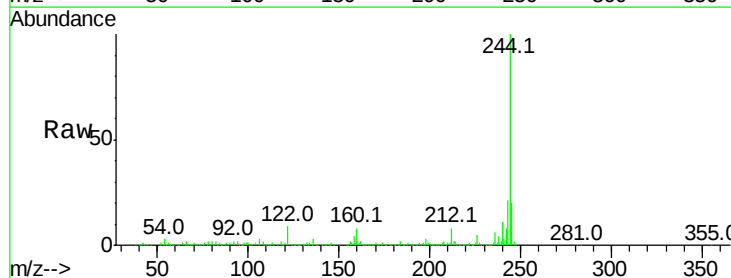
Tgt Ion:244 Resp: 691932

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

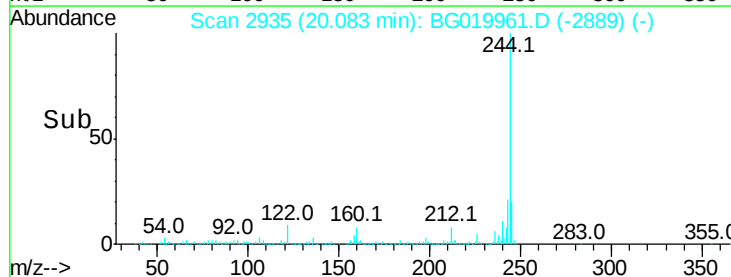
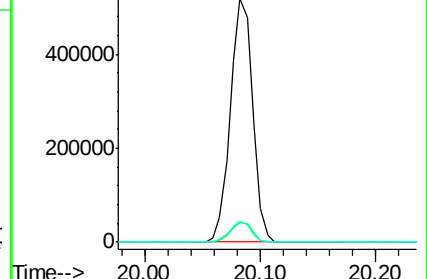
122 8.8 10.2 15.2#

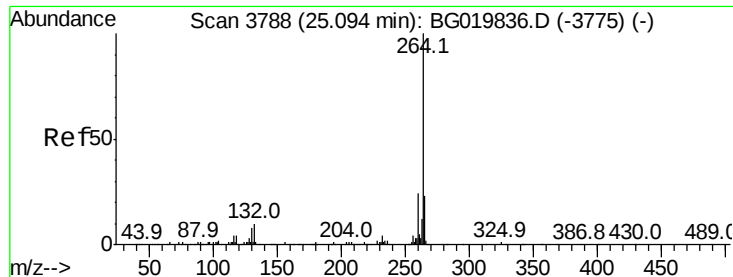


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

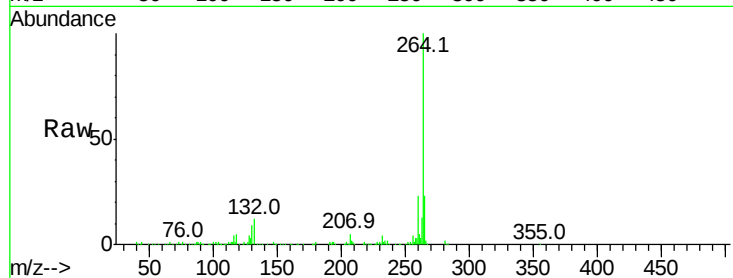




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG019961.D
 Acq: 6 Dec 2015 11:16

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	22.9	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

