

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019965.D
 Acq On : 6 Dec 2015 13:50
 Operator : UM/NP
 Sample : G4650-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-3

Quant Time: Dec 07 03:18:56 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

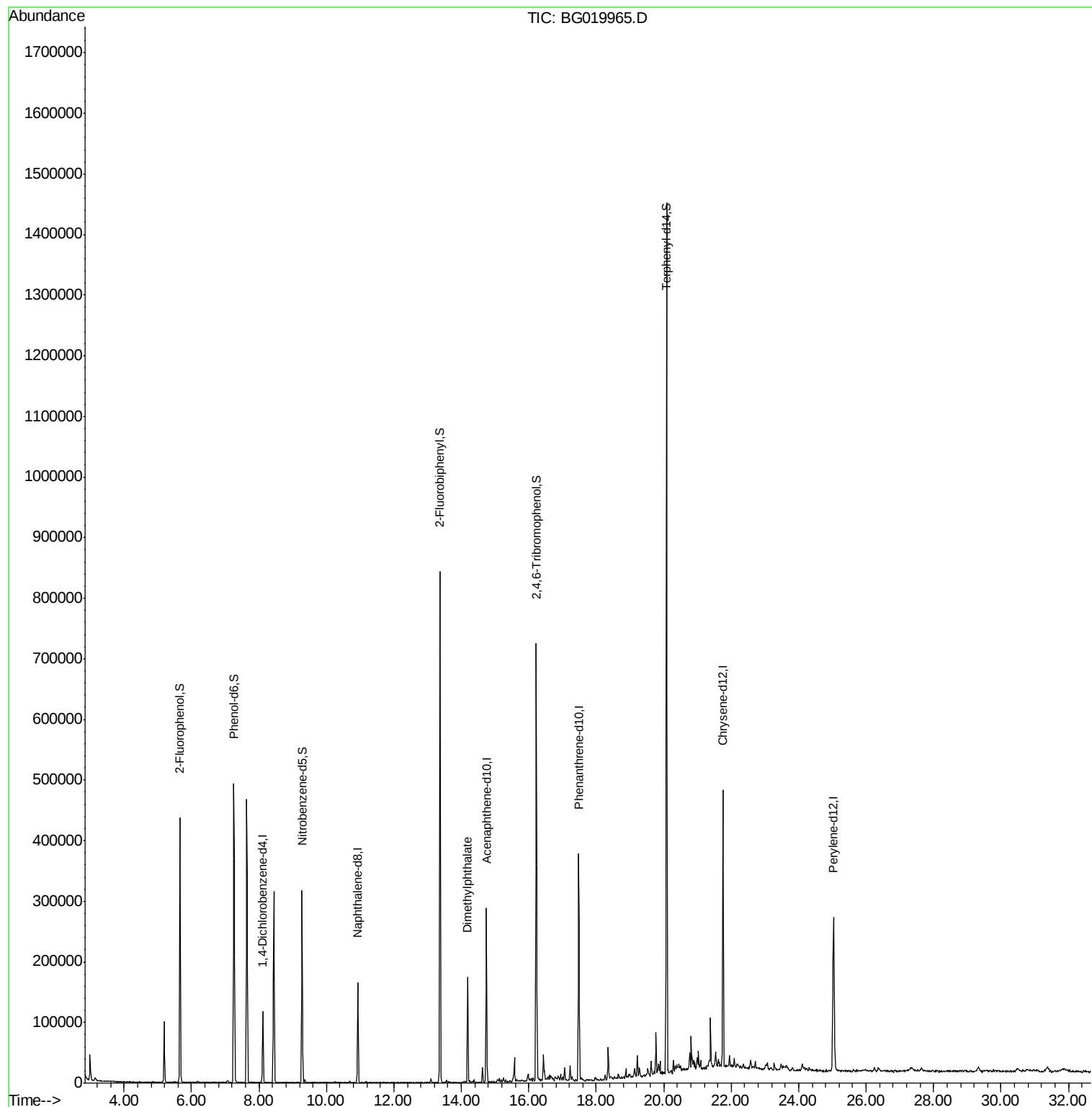
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	32161	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	137191	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	95554	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	237298	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	294218	20.00	ng	-0.03
86) Perylene-d12	25.04	264	275777	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	181579	102.04	ng	-0.01
7) Phenol-d6	7.26	99	286948	106.80	ng	-0.02
23) Nitrobenzene-d5	9.28	82	195964	72.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	128653	87.99	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	414721	59.26	ng	-0.02
78) Terphenyl-d14	20.08	244	643431	53.34	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.19	163	114585	13.33	ng	99

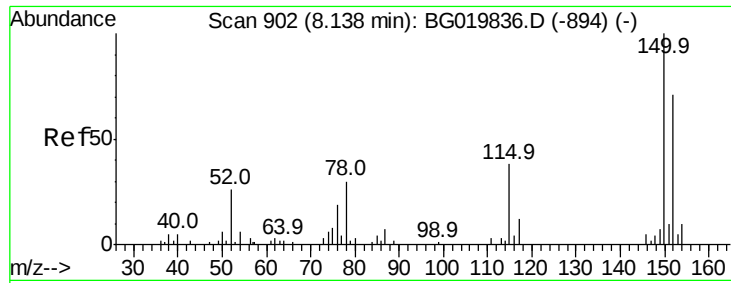
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019965.D

Acq: 6 Dec 2015 13:50

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-3

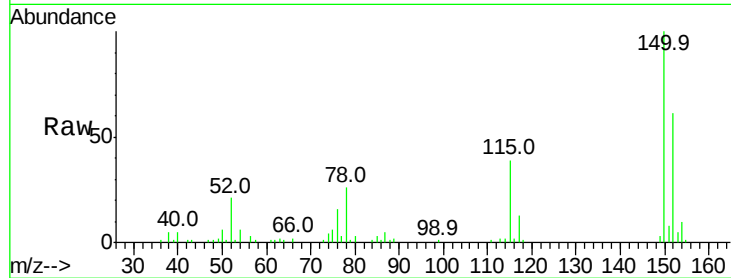
Tot Ion:152 Resp: 32161

Ion Ratio Lower Upper

152 100

150 165.3 115.0 172.4

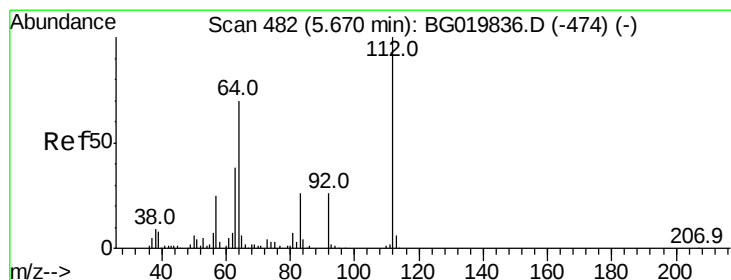
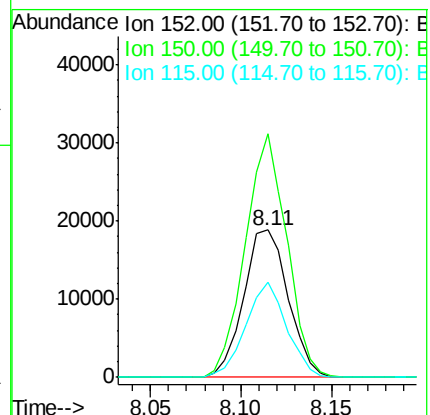
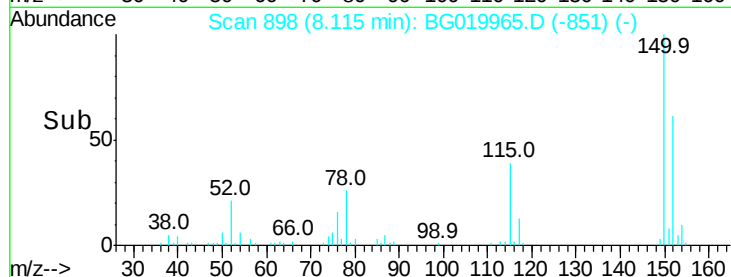
115 64.8 43.9 65.9



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: 102.04 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019965.D

Acq: 6 Dec 2015 13:50

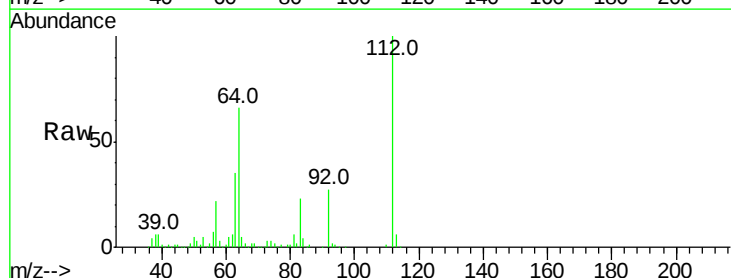
Tgt Ion:112 Resp: 181579

Ion Ratio Lower Upper

112 100

64 66.1 43.7 65.5#

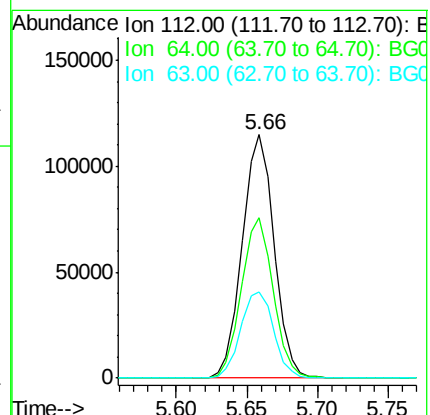
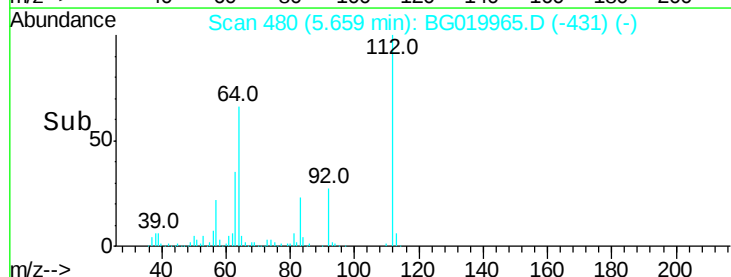
63 35.2 24.0 36.0



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: 106.80 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019965.D

Acq: 6 Dec 2015 13:50

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-3

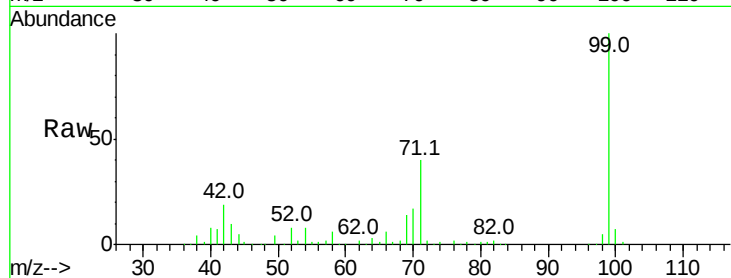
Tot Ion: 99 Resp: 286948

Ion Ratio Lower Upper

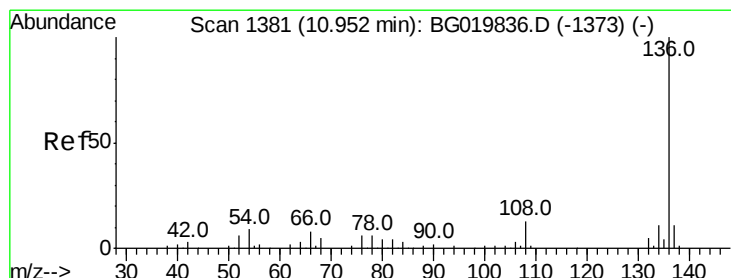
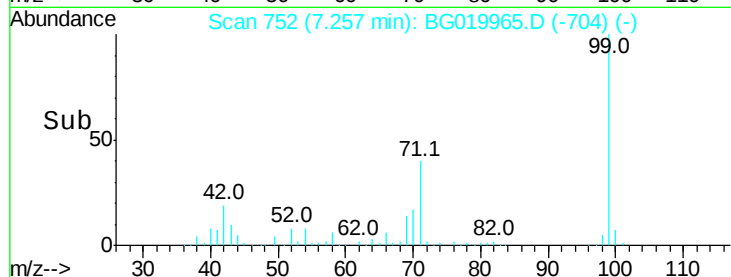
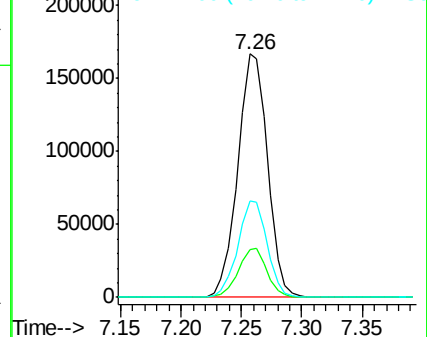
99 100

42 19.4 11.5 17.3#

71 39.7 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: BG019965.D

Acq: 6 Dec 2015 13:50

Tgt Ion: 136 Resp: 137191

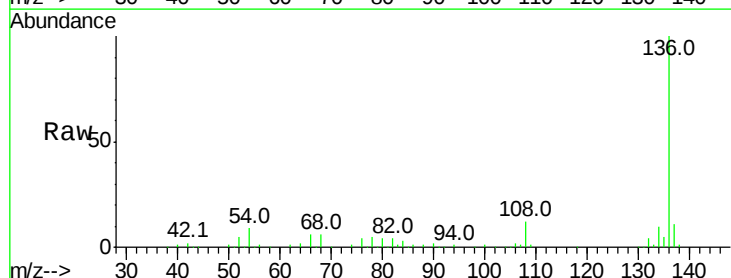
Ion Ratio Lower Upper

136 100

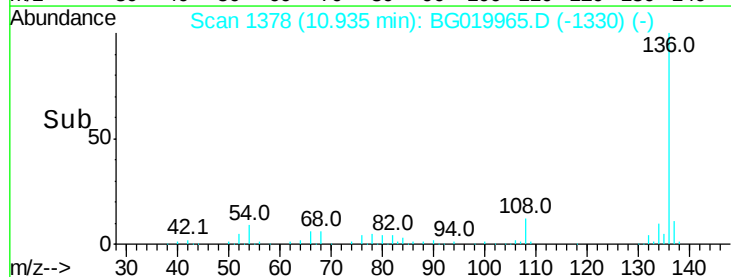
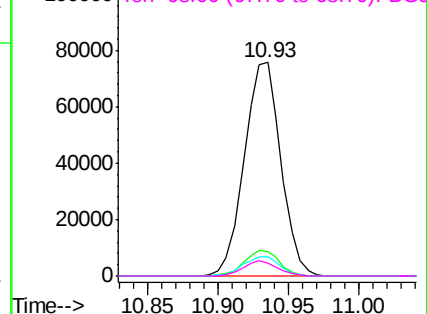
137 11.3 8.6 12.8

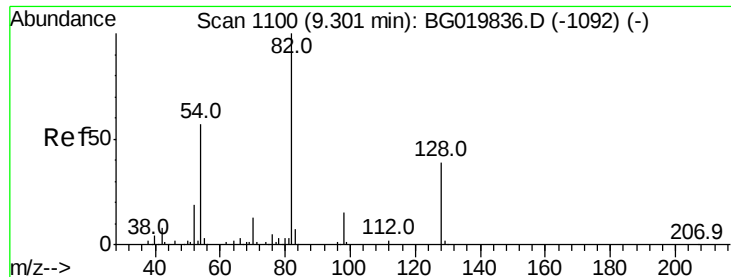
54 9.2 5.4 8.2#

68 6.0 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

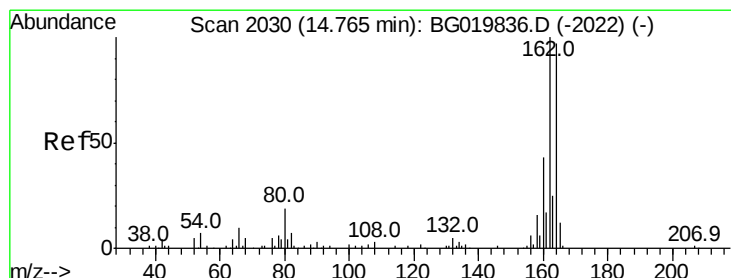
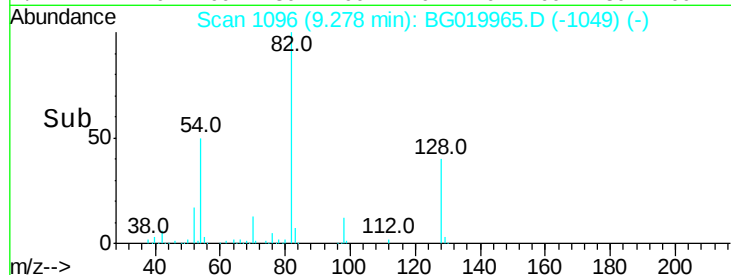
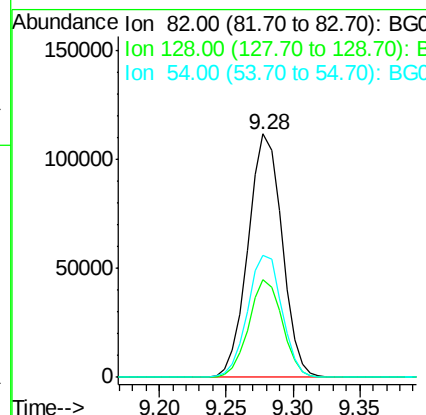
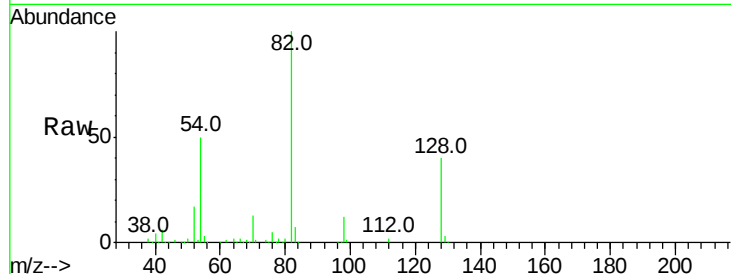




#23
Nitrobenzene-d5
Concen: 72.90 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019965.D
Acq: 6 Dec 2015 13:50

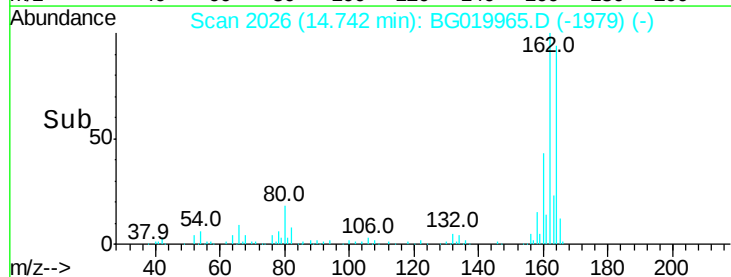
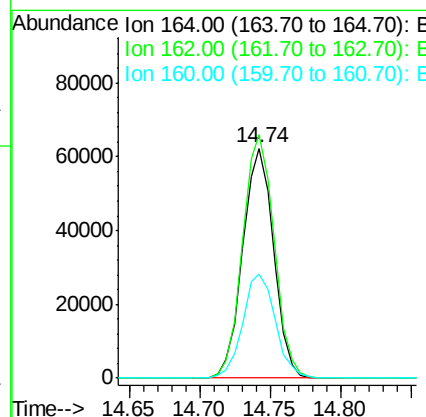
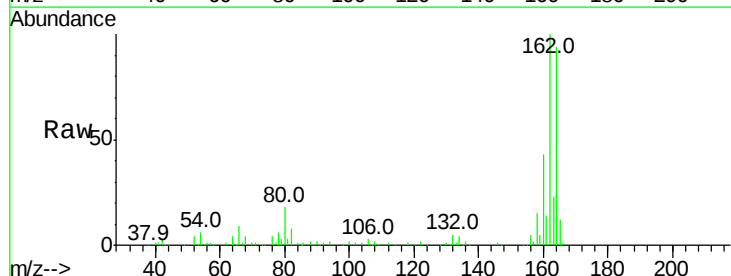
Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-3

Tot Ion: 82 Resp: 195964
Ion Ratio Lower Upper
82 100
128 40.2 36.7 55.1
54 49.9 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: BG019965.D
Acq: 6 Dec 2015 13:50

Tgt Ion:164 Resp: 95554
Ion Ratio Lower Upper
164 100
162 106.0 78.8 118.2
160 45.6 36.4 54.6

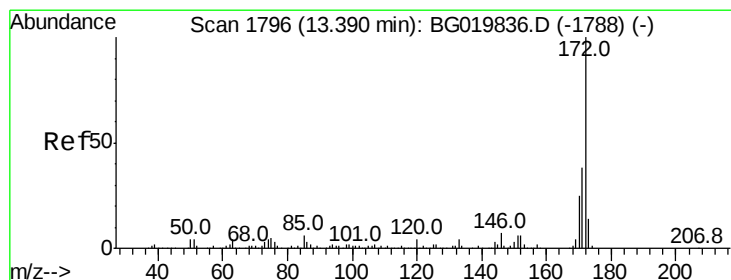
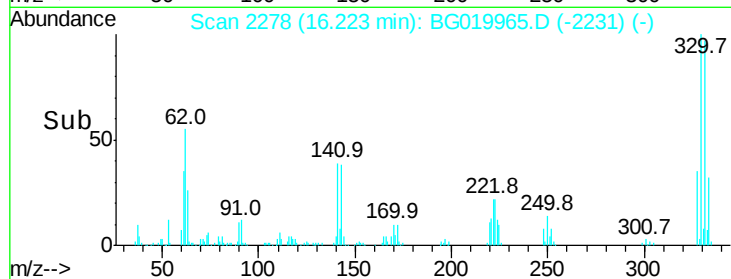
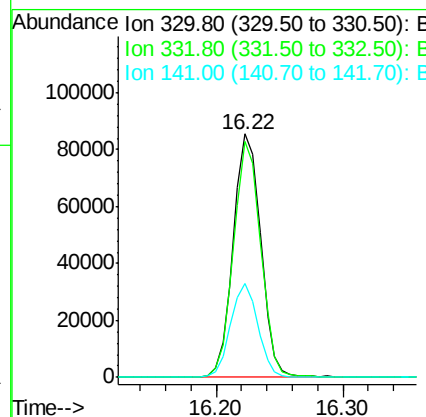
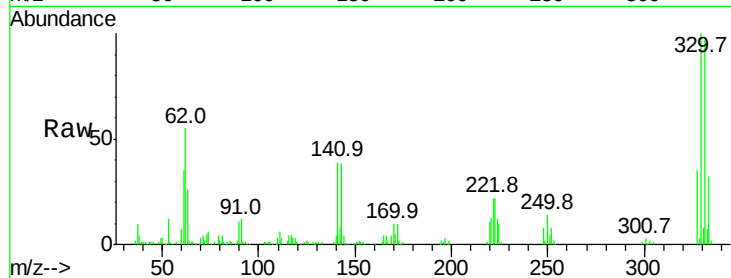




#41
 2,4,6-Tribromophenol
 Concen: 87.99 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019965.D
 Acq: 6 Dec 2015 13:50

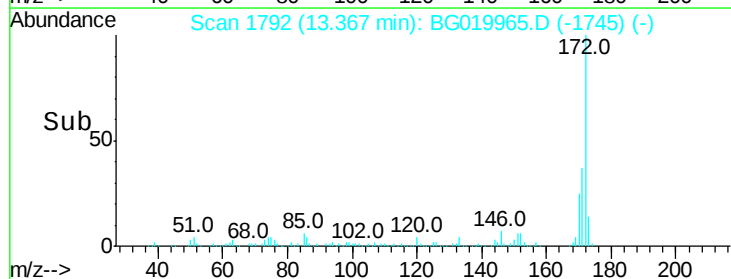
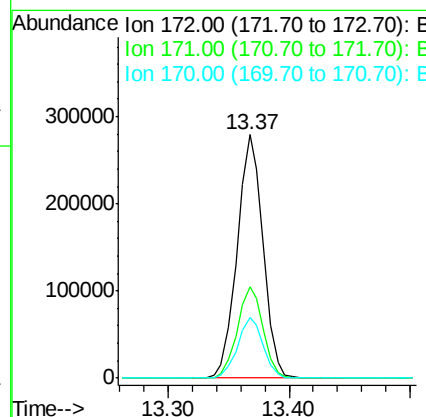
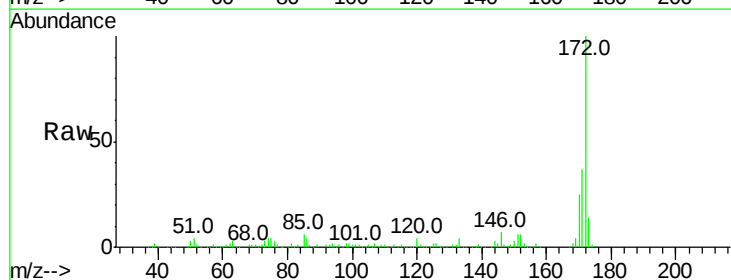
Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-3

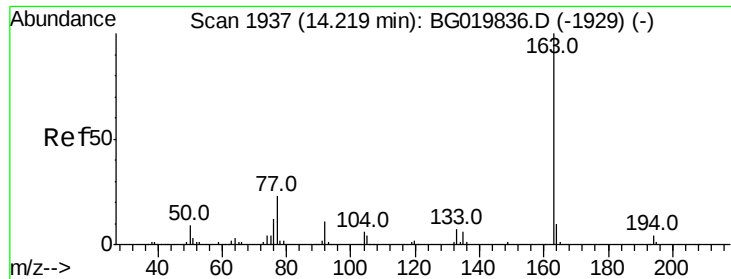
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.1	117.1
141	38.2	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 59.26 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019965.D
 Acq: 6 Dec 2015 13:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.6
170	25.1	19.9	29.9





#49

Dimethylphthalate

Concen: 13.33 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG019965.D

Acq: 6 Dec 2015 13:50

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-3

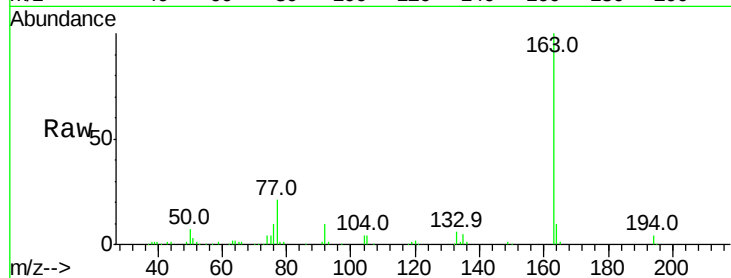
Tot Ion:163 Resp: 114585

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

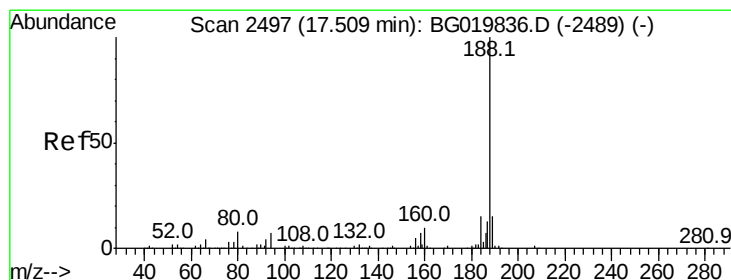
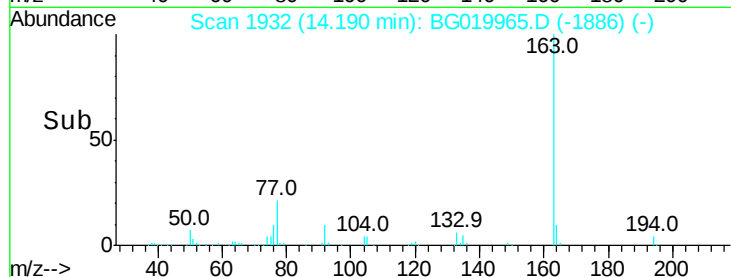
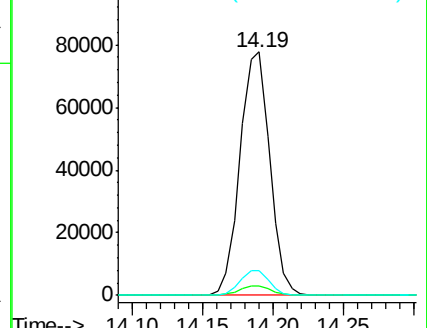
164 10.3 8.8 13.2



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# 2492

Delta R.T. -0.03 min

Lab File: BG019965.D

Acq: 6 Dec 2015 13:50

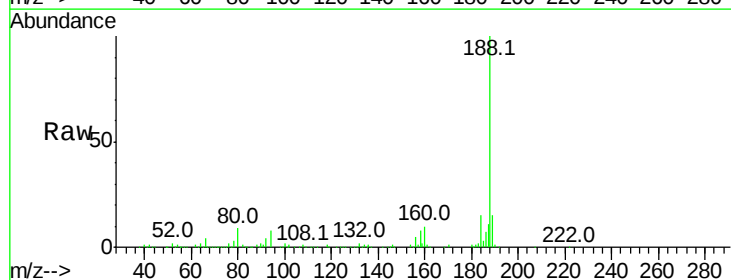
Tgt Ion:188 Resp: 237298

Ion Ratio Lower Upper

188 100

94 8.0 7.7 11.5

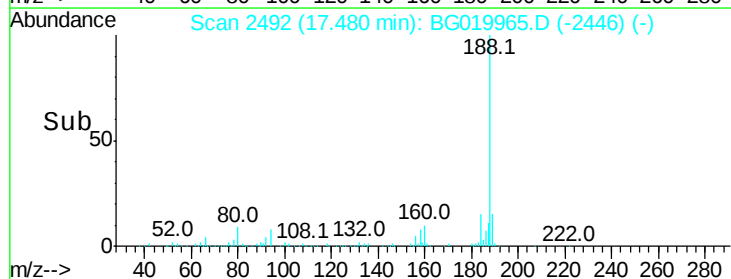
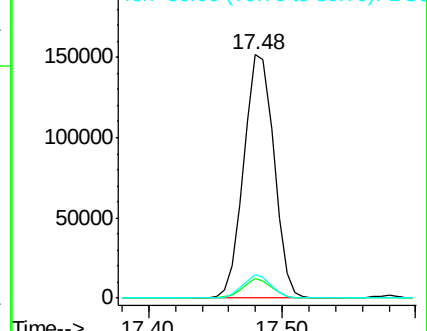
80 9.4 7.8 11.8

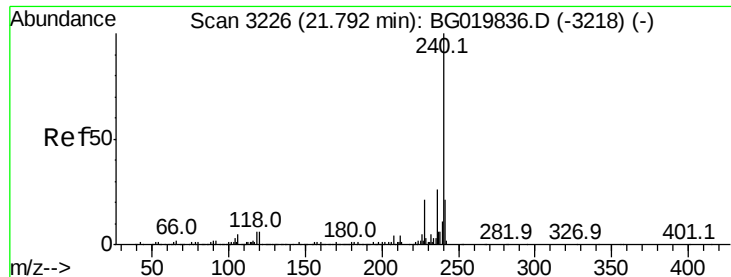


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.03 min

Lab File: BG019965.D

Acq: 6 Dec 2015 13:50

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-3

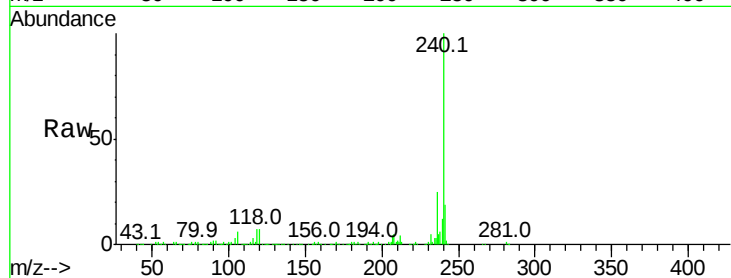
Tot Ion:240 Resp: 294218

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

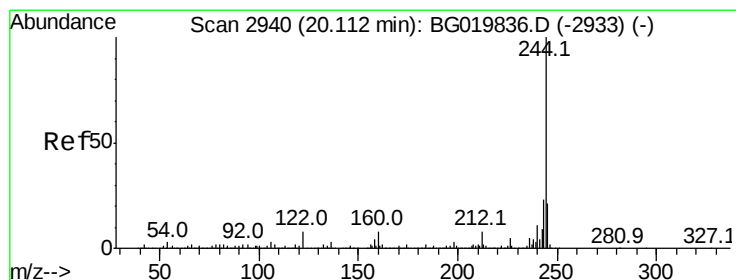
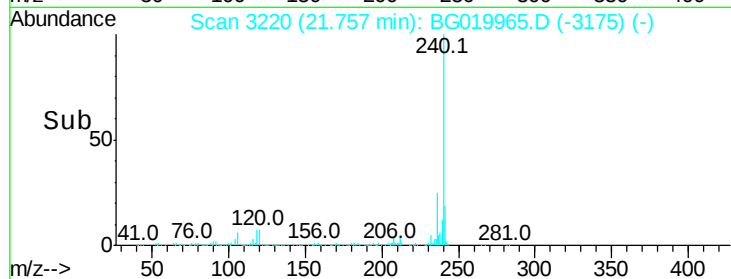
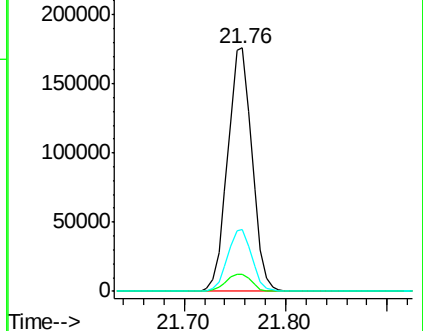
236 25.2 20.7 31.1



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: 53.34 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019965.D

Acq: 6 Dec 2015 13:50

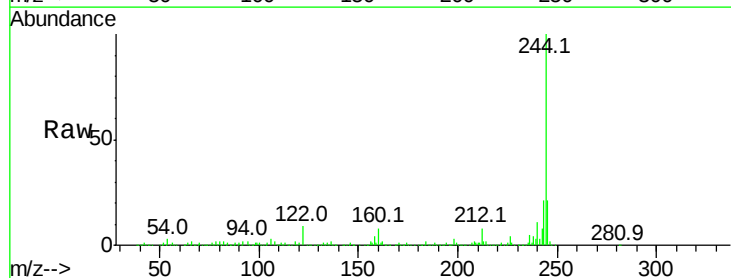
Tgt Ion:244 Resp: 643431

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

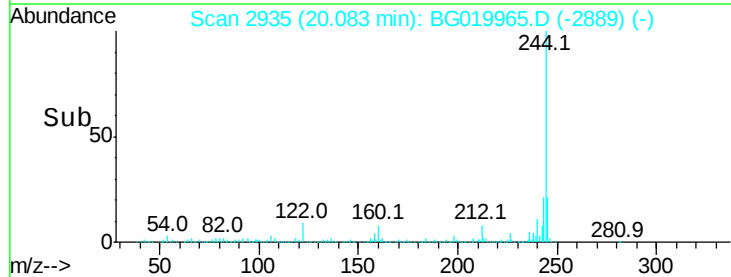
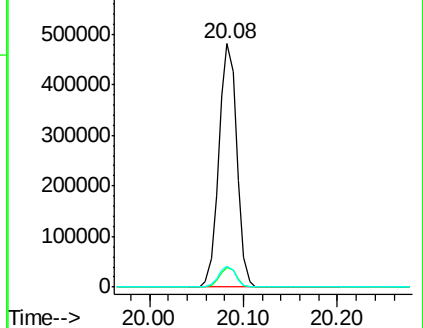
122 8.5 10.2 15.2#

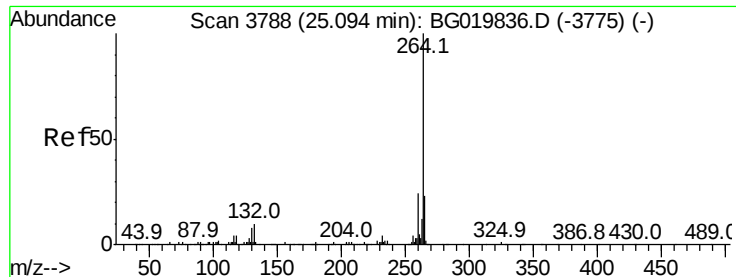


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG019965.D
 Acq: 6 Dec 2015 13:50

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.4	17.2	25.8

