

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019967.D
 Acq On : 6 Dec 2015 15:06
 Operator : UM/NP
 Sample : G4650-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-5

Quant Time: Dec 07 03:19:40 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

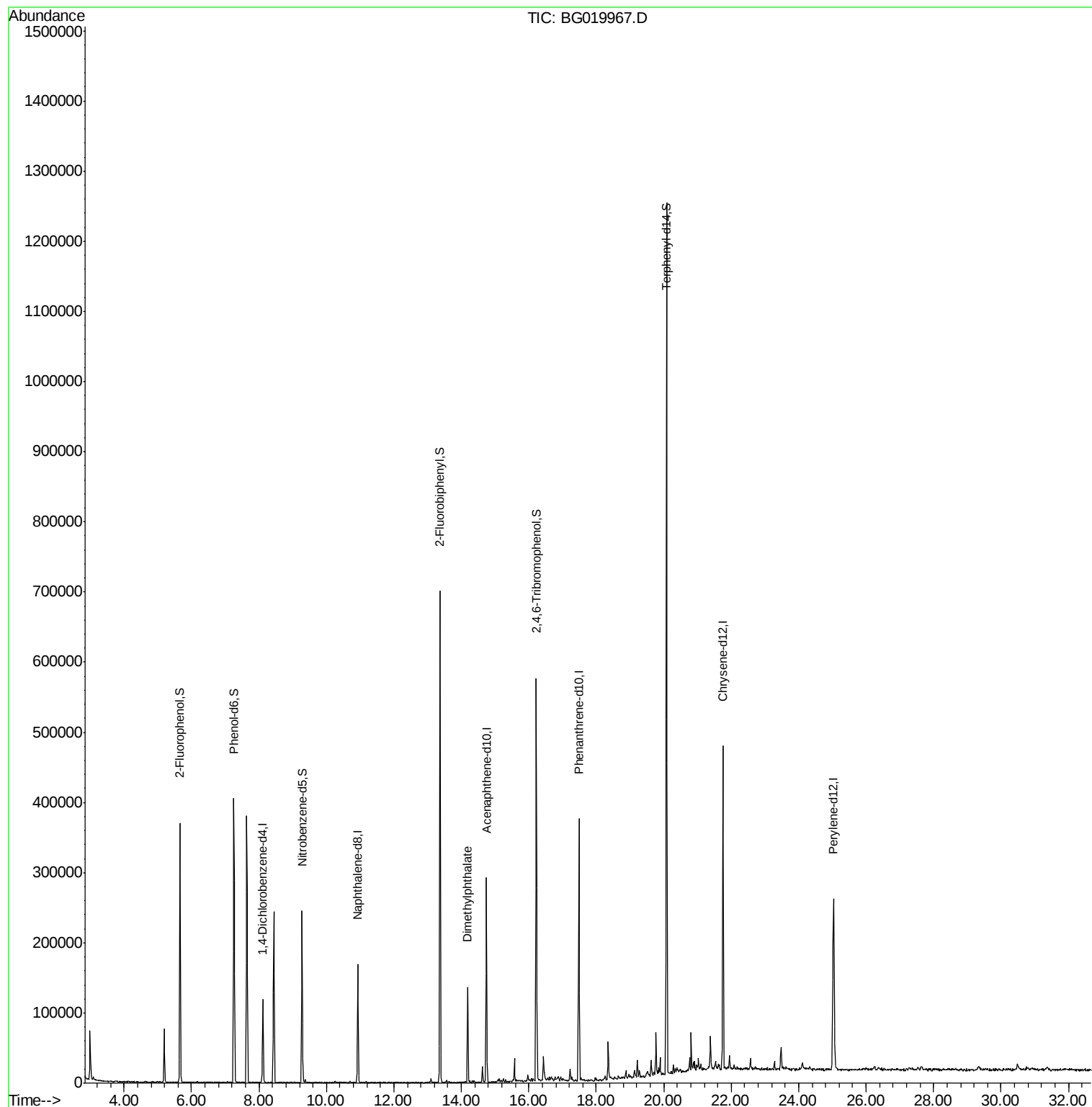
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31051	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	135820	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	95643	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	235704	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	287438	20.00	ng	-0.04
86) Perylene-d12	25.04	264	270177	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	150110	87.37	ng	-0.01
7) Phenol-d6	7.26	99	231013	89.06	ng	-0.02
23) Nitrobenzene-d5	9.28	82	149702	56.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	101492	69.35	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	343499	49.04	ng	-0.02
78) Terphenyl-d14	20.08	244	538683	45.71	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.19	163	88462	10.28	ng	Qvalue 98

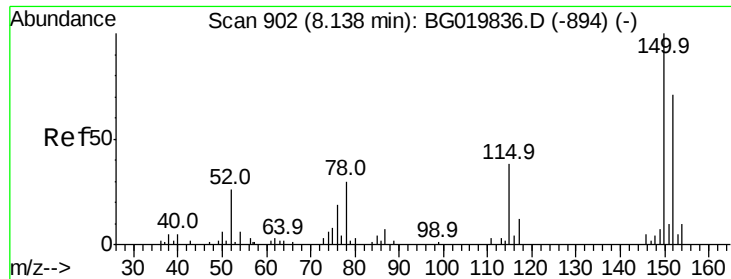
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019967.D

Acq: 6 Dec 2015 15:06

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-5

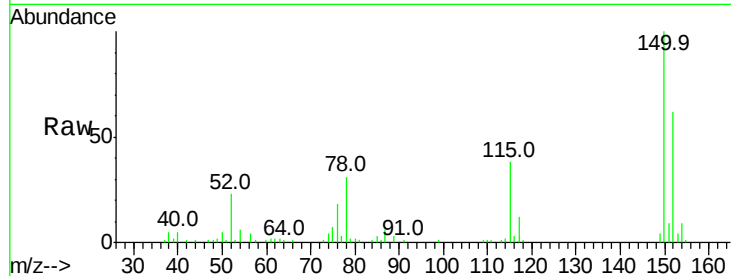
Tot Ion:152 Resp: 31051

Ion Ratio Lower Upper

152 100

150 161.4 115.0 172.4

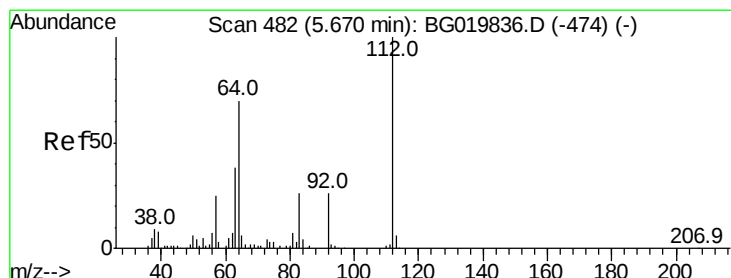
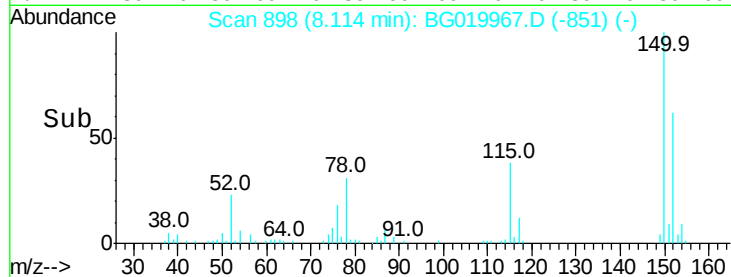
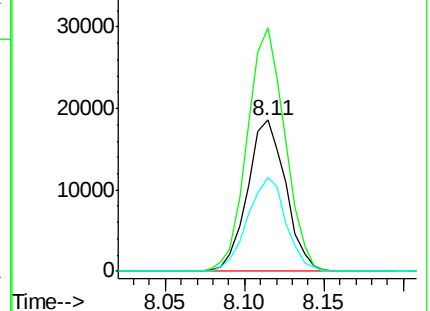
115 61.8 43.9 65.9



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: 87.37 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019967.D

Acq: 6 Dec 2015 15:06

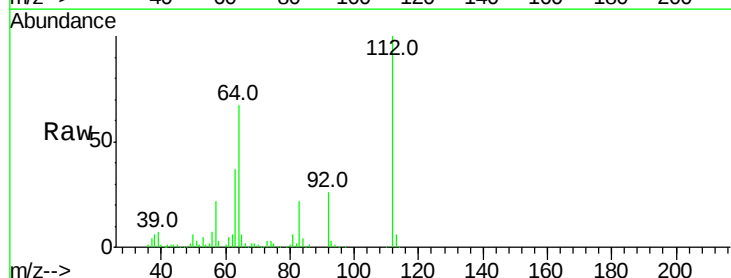
Tgt Ion:112 Resp: 150110

Ion Ratio Lower Upper

112 100

64 67.0 43.7 65.5#

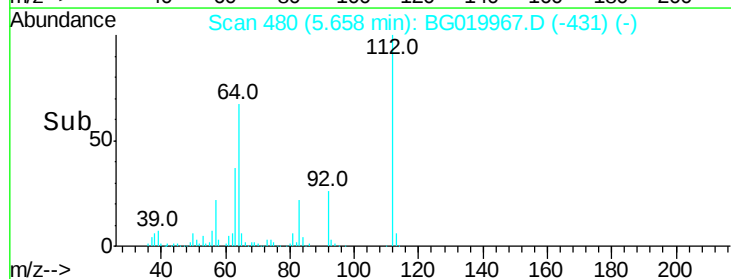
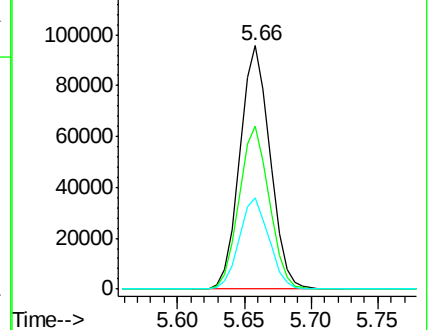
63 37.3 24.0 36.0#

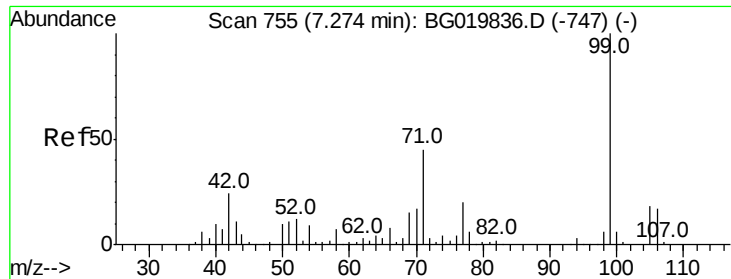


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.06 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019967.D

Acq: 6 Dec 2015 15:06

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-5

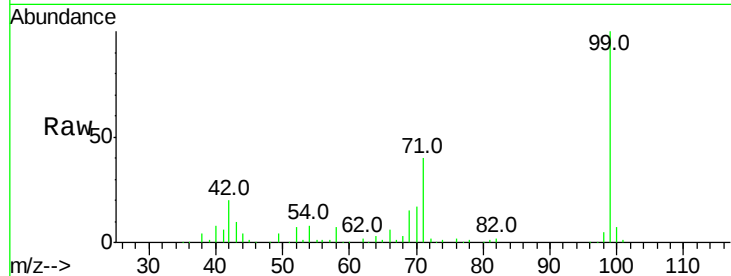
Tot Ion: 99 Resp: 231013

Ion Ratio Lower Upper

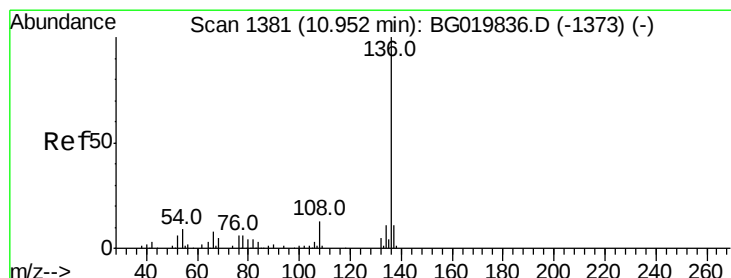
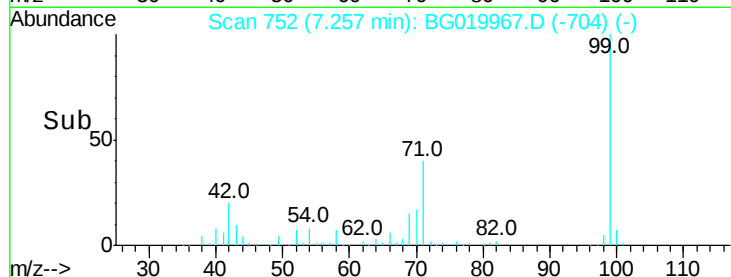
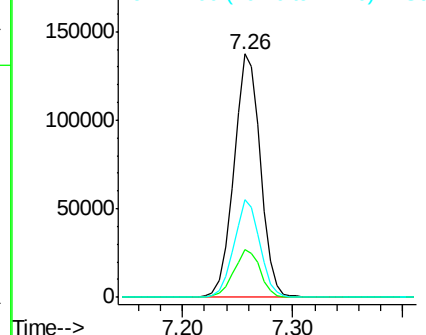
99 100

42 19.6 11.5 17.3#

71 39.9 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG019967.D

Acq: 6 Dec 2015 15:06

Tgt Ion: 136 Resp: 135820

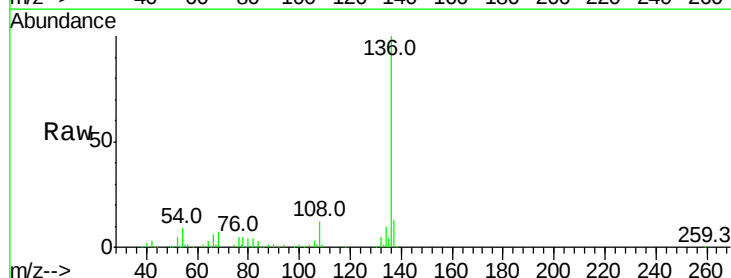
Ion Ratio Lower Upper

136 100

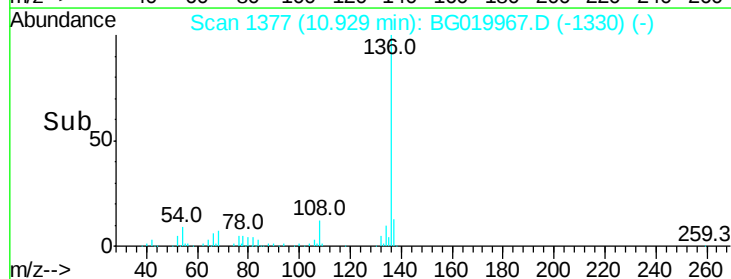
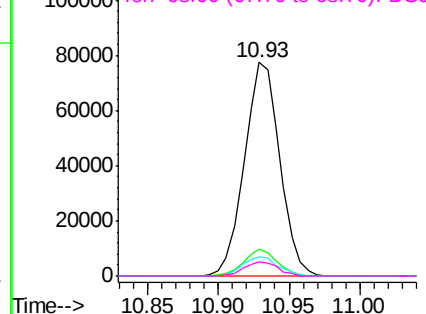
137 12.8 8.6 12.8

54 9.0 5.4 8.2#

68 6.5 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

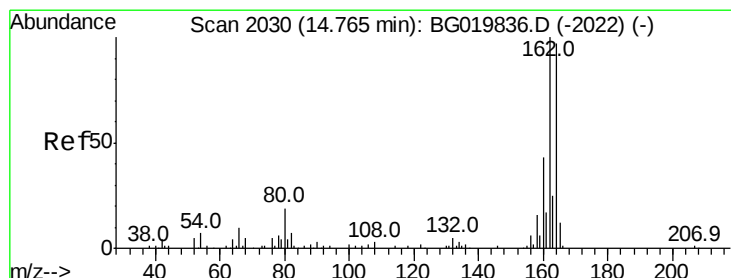
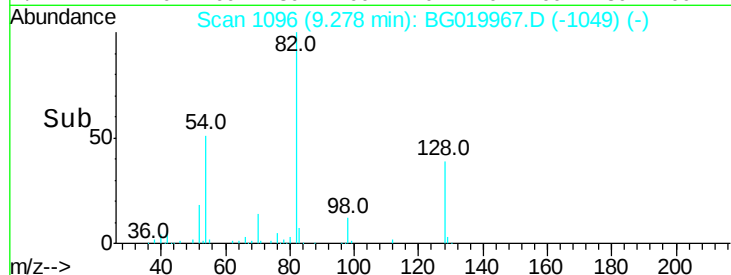
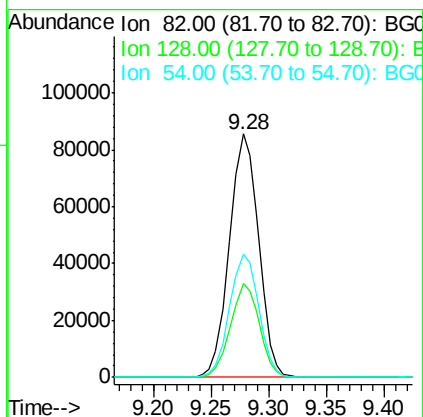
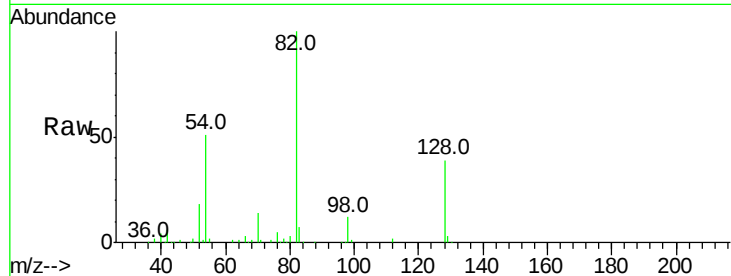




#23
Nitrobenzene-d5
Concen: 56.25 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019967.D
Acq: 6 Dec 2015 15:06

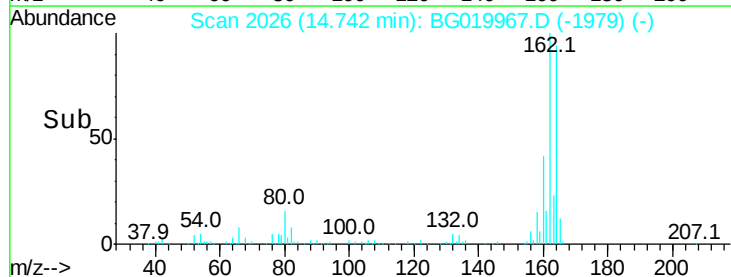
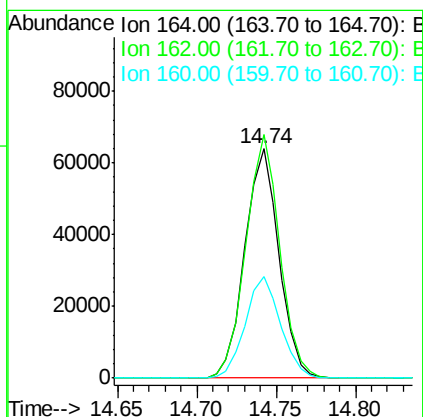
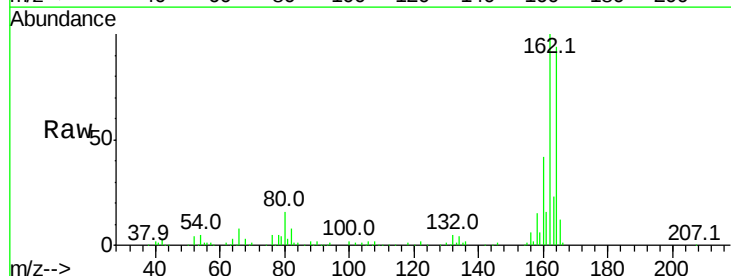
Instrument :
BNA_G
ClientSampleId :
COFF(0-2)-5

Tot Ion: 82 Resp: 149702
Ion Ratio Lower Upper
82 100
128 38.8 36.7 55.1
54 50.7 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: BG019967.D
Acq: 6 Dec 2015 15:06

Tgt Ion:164 Resp: 95643
Ion Ratio Lower Upper
164 100
162 106.2 78.8 118.2
160 44.5 36.4 54.6

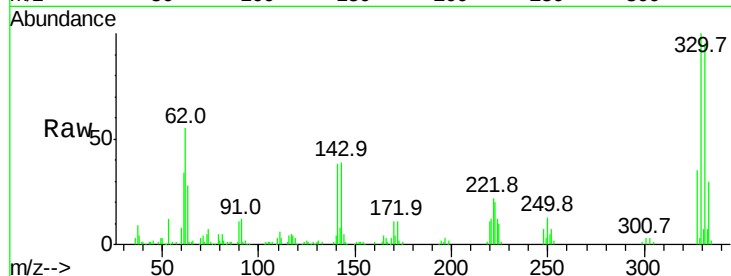




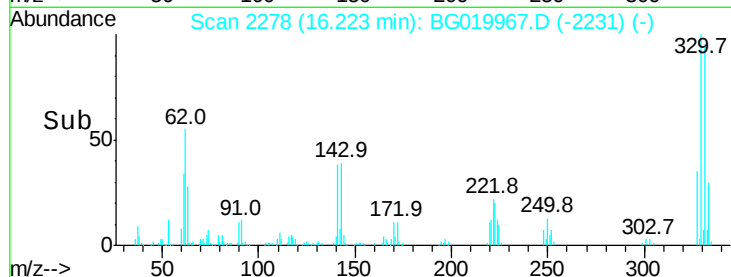
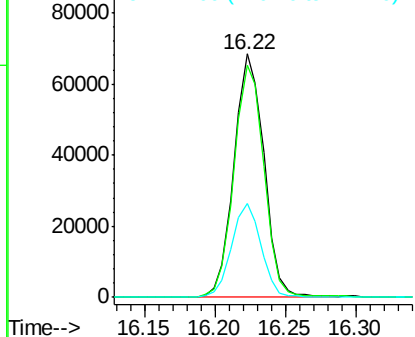
#41
 2,4,6-Tribromophenol
 Concen: 69.35 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG019967.D
 Acq: 6 Dec 2015 15:06

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-5

Tot Ion:330 Resp: 101492
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.1 117.1
 141 38.0 28.2 42.2

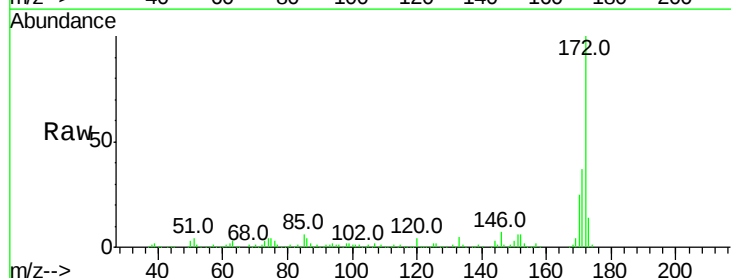


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

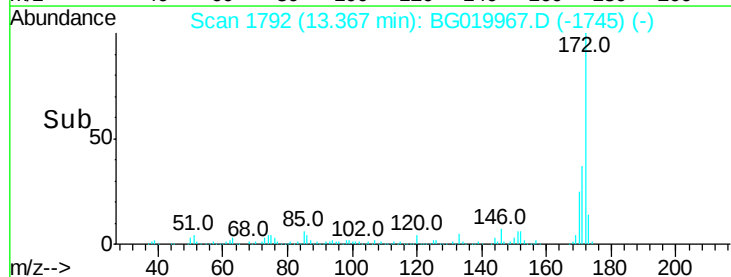
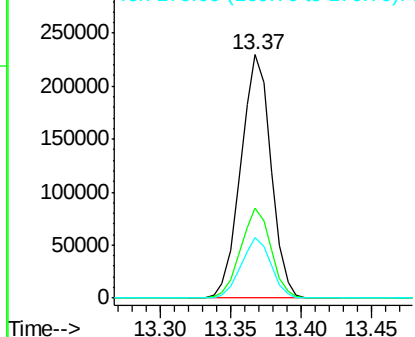


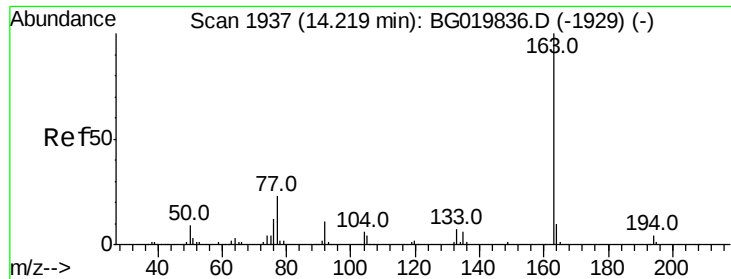
#44
 2-Fluorobiphenyl
 Concen: 49.04 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019967.D
 Acq: 6 Dec 2015 15:06

Tgt Ion:172 Resp: 343499
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 24.7 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: 10.28 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG019967.D

Acq: 6 Dec 2015 15:06

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-5

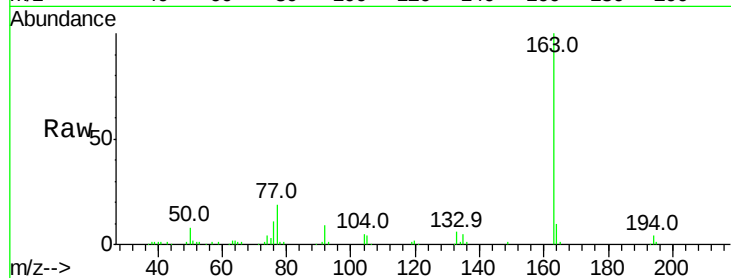
Tot Ion:163 Resp: 88462

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

164 10.1 8.8 13.2



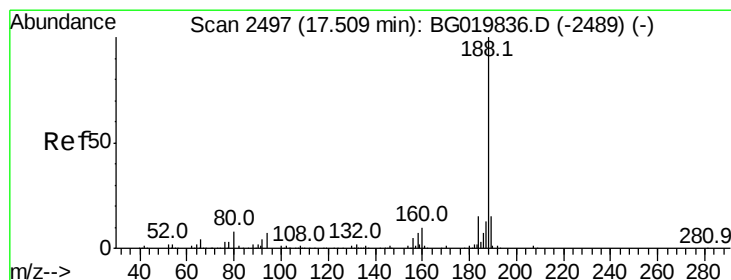
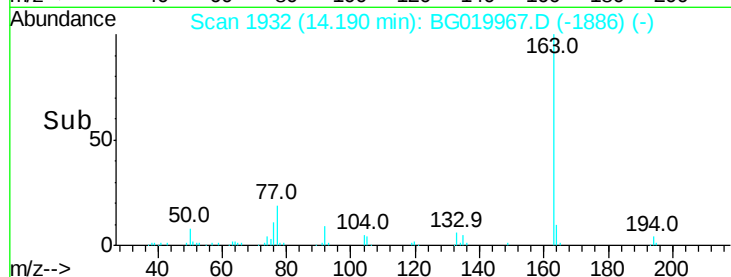
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.19

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019967.D

Acq: 6 Dec 2015 15:06

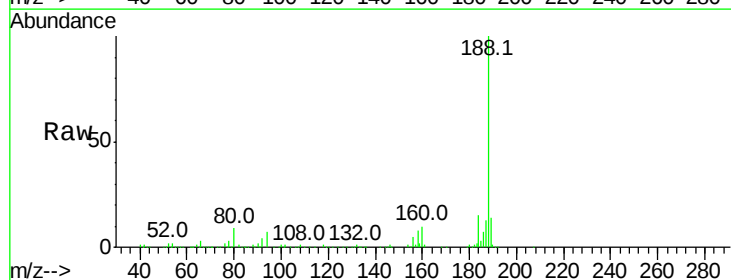
Tgt Ion:188 Resp: 235704

Ion Ratio Lower Upper

188 100

94 6.8 7.7 11.5#

80 8.5 7.8 11.8



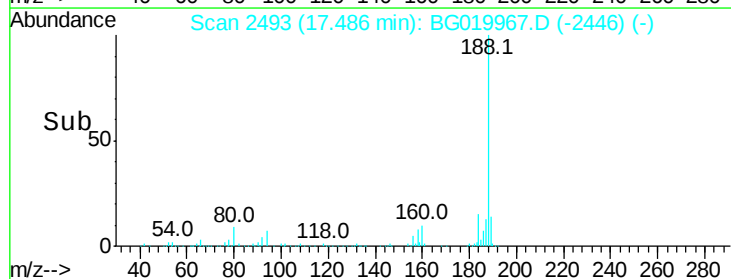
Abundance Ion 188.00 (187.70 to 188.70): E

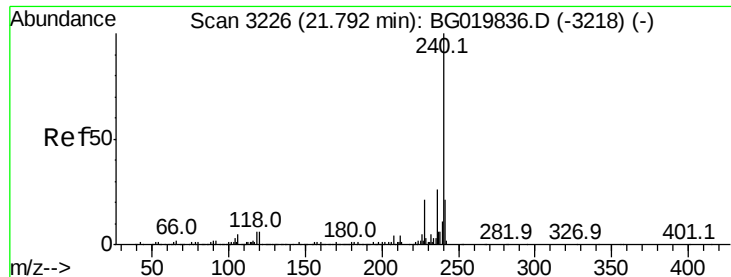
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.49

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG019967.D

Acq: 6 Dec 2015 15:06

Instrument :

BNA_G

ClientSampleId :

COFF(0-2)-5

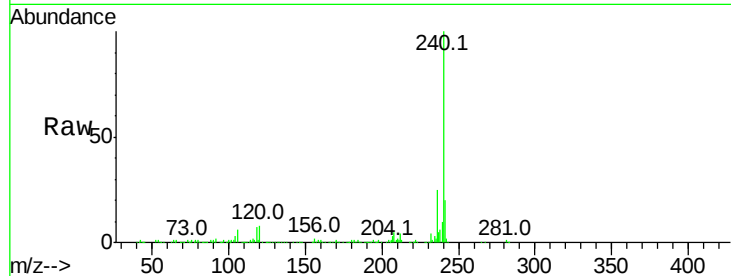
Tot Ion:240 Resp: 287438

Ion Ratio Lower Upper

240 100

120 7.7 7.4 11.0

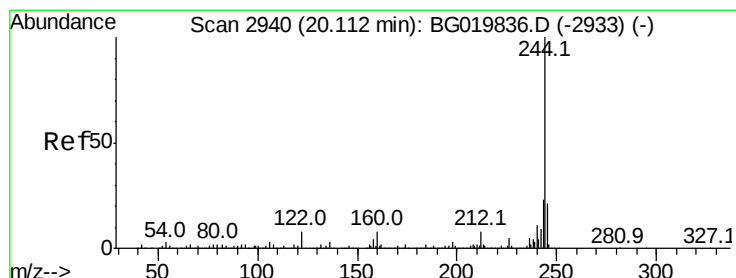
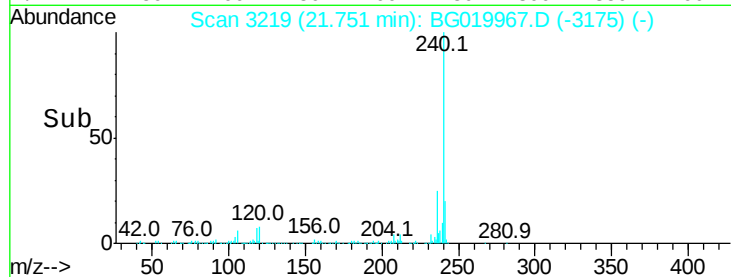
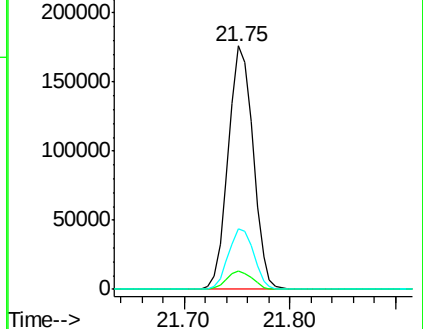
236 25.1 20.7 31.1



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: 45.71 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019967.D

Acq: 6 Dec 2015 15:06

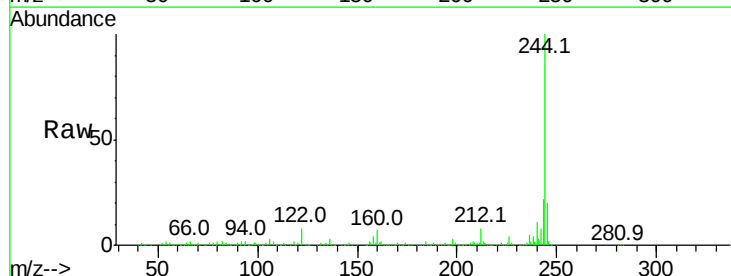
Tgt Ion:244 Resp: 538683

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

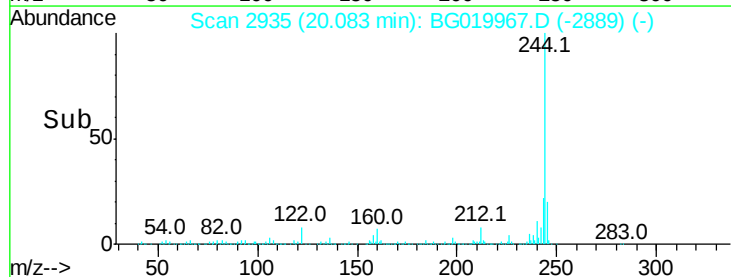
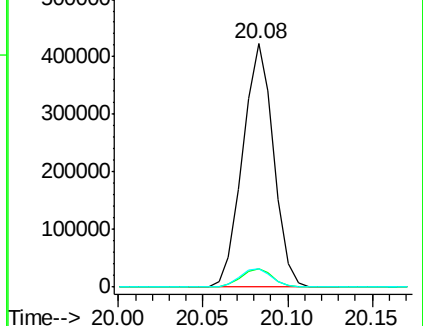
122 7.8 10.2 15.2#

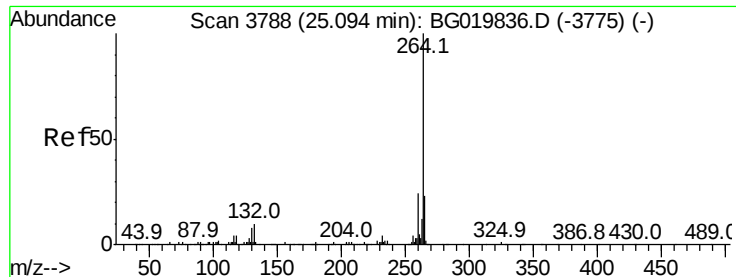


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG019967.D
 Acq: 6 Dec 2015 15:06

Instrument :
 BNA_G
 ClientSampleId :
 COFF(0-2)-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	20.3	17.2	25.8

