

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019984.D
 Acq On : 7 Dec 2015 17:00
 Operator : UM/NP
 Sample : PB87126BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87126BL

Quant Time: Dec 07 18:18:50 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	17462	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	75753	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	54441	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	136745	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	167249	20.00	ng	-0.04
86) Perylene-d12	25.04	264	155156	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	91476	94.68	ng	0.00
7) Phenol-d6	7.26	99	132922	91.12	ng	-0.01
23) Nitrobenzene-d5	9.28	82	128740	86.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	63356	76.06	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	320730	80.44	ng	-0.02
78) Terphenyl-d14	20.09	244	586241	85.50	ng	-0.03

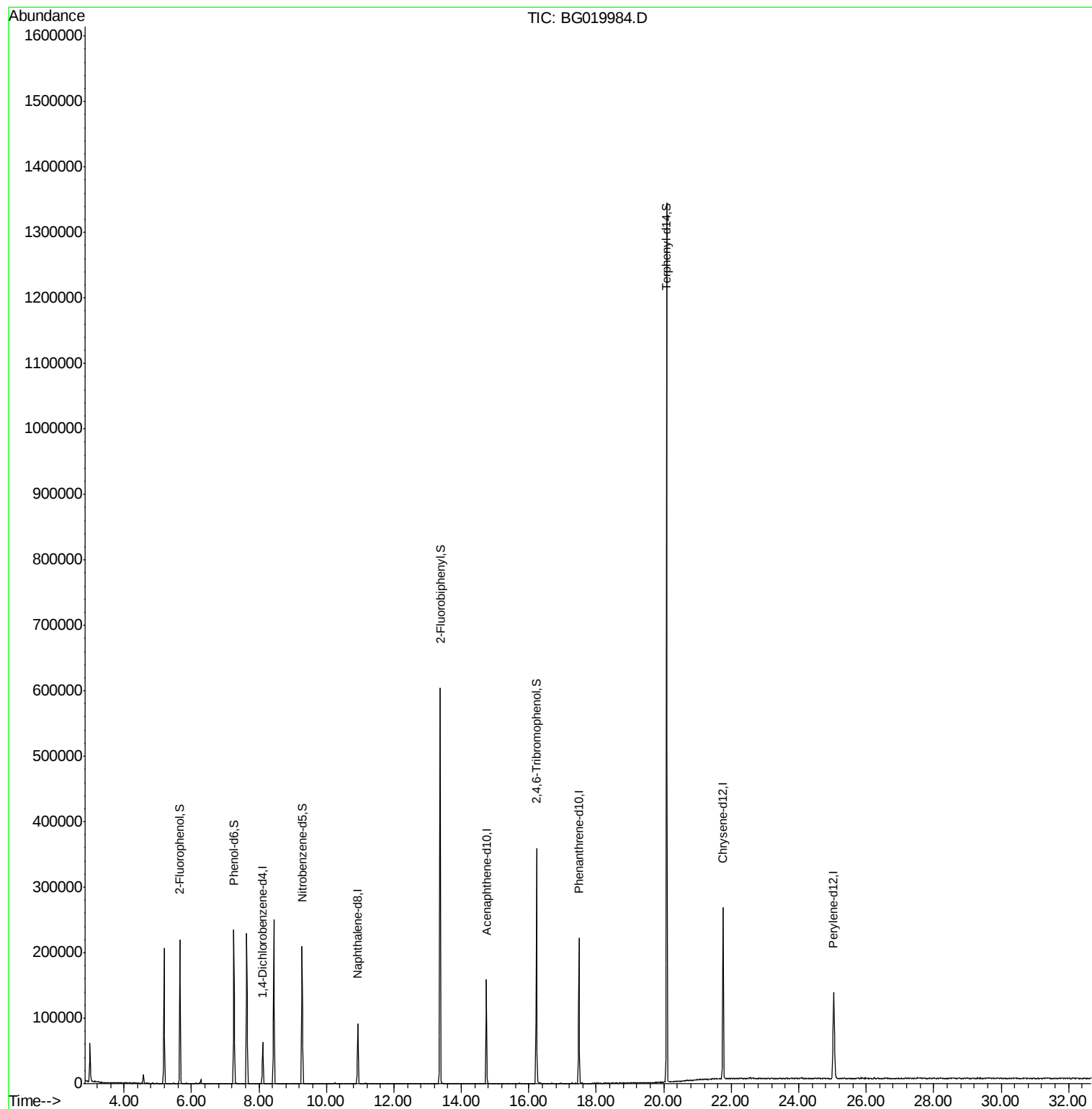
Target Compounds Qvalue

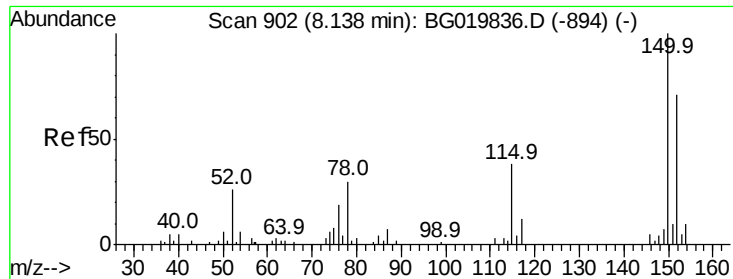
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_G

ClientSampled :

PB87126BL

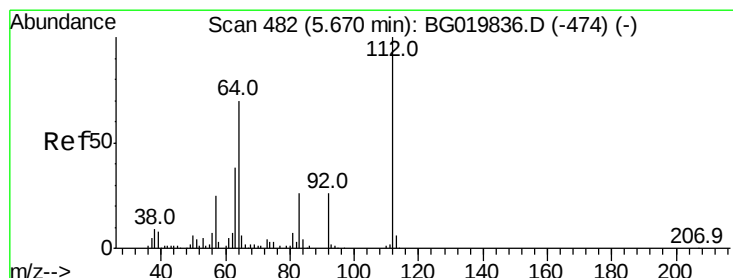
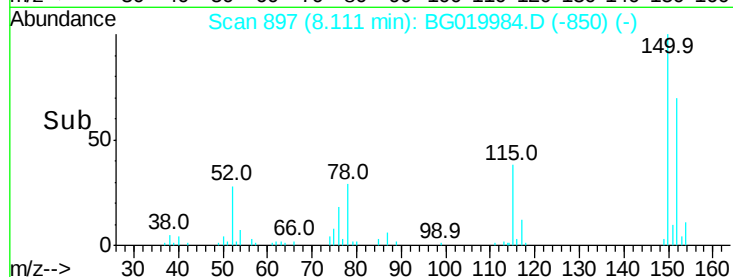
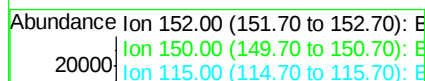
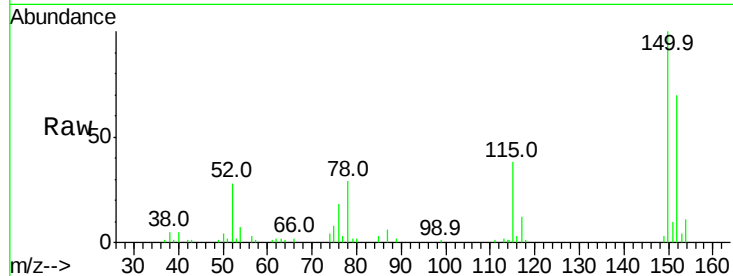
Tot Ion:152 Resp: 17462

Ion Ratio Lower Upper

152 100

150 142.6 115.0 172.4

115 54.4 43.9 65.9



#5

2-Fluorophenol

Concen: 94.68 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

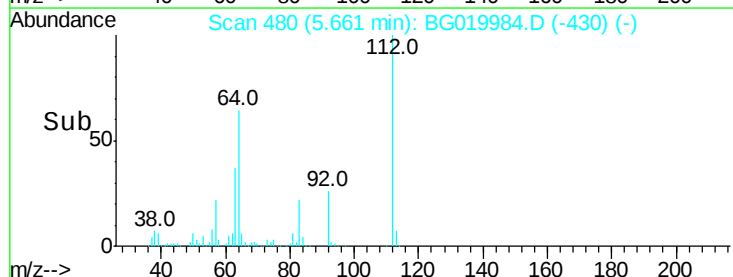
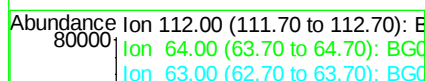
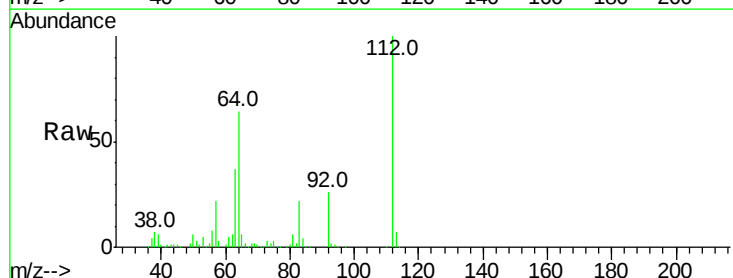
Tgt Ion:112 Resp: 91476

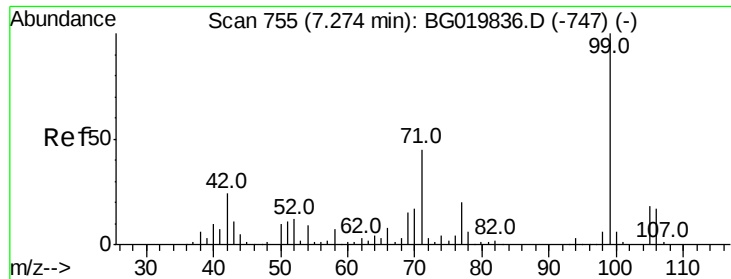
Ion Ratio Lower Upper

112 100

64 64.4 43.7 65.5

63 36.7 24.0 36.0#





#7

Phenol-d6

Concen: 91.12 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_G

ClientSampleId :

PB87126BL

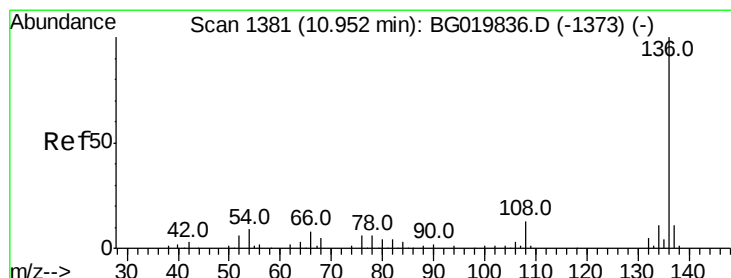
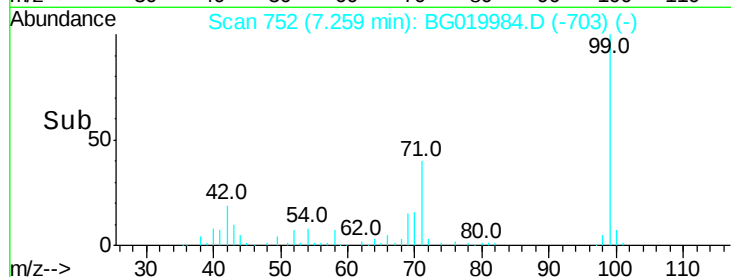
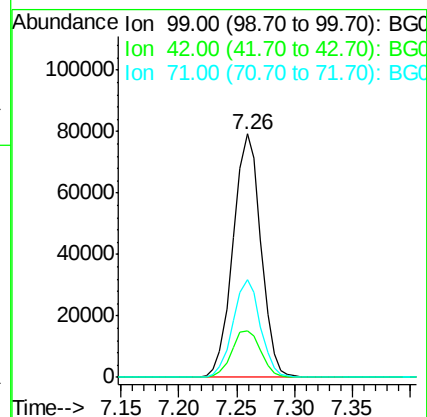
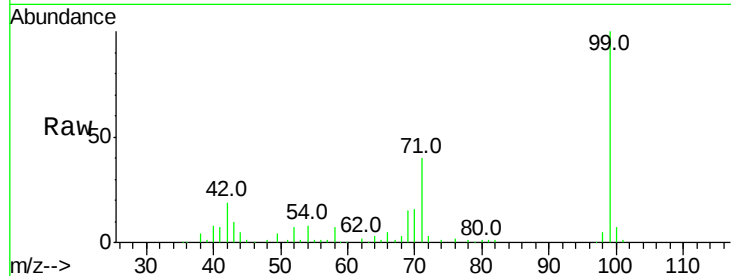
Tot Ion: 99 Resp: 132922

Ion Ratio Lower Upper

99 100

42 19.3 11.5 17.3#

71 39.9 22.6 34.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

Tgt Ion: 136 Resp: 75753

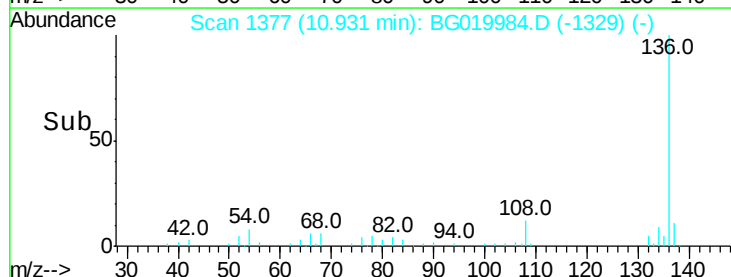
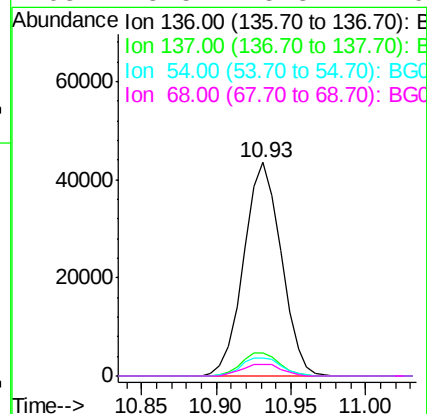
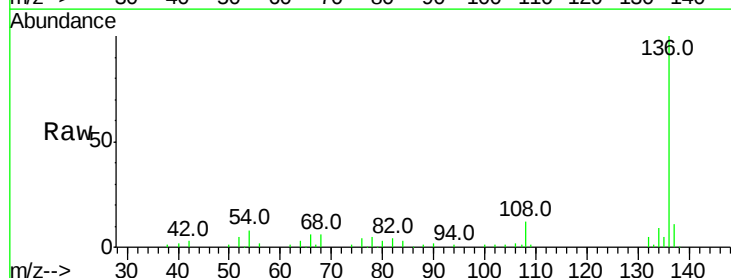
Ion Ratio Lower Upper

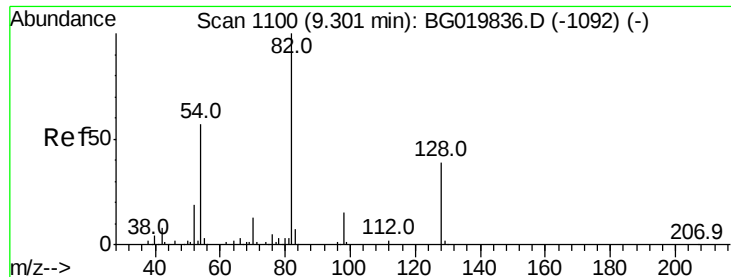
136 100

137 11.0 8.6 12.8

54 8.5 5.4 8.2#

68 5.5 5.3 7.9

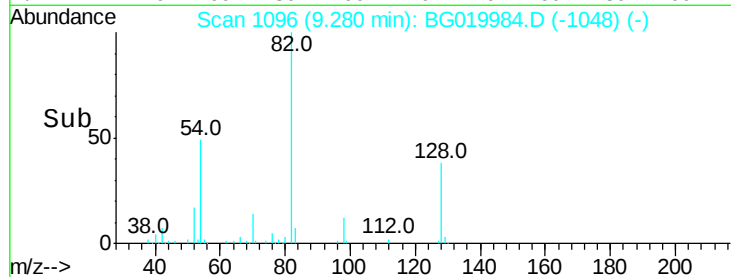
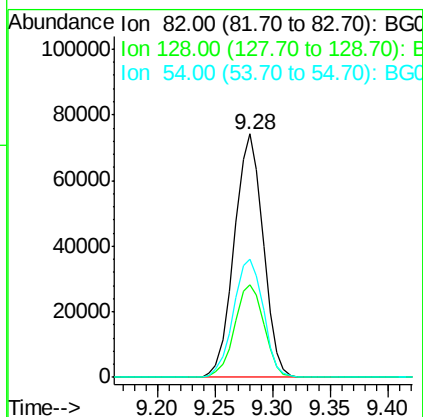
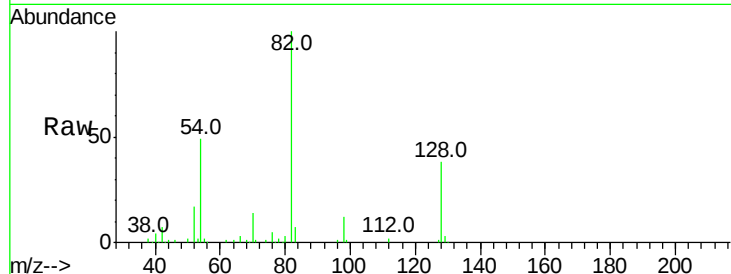




#23
 Nitrobenzene-d5
 Concen: 86.73 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG019984.D
 Acq: 7 Dec 2015 17:00

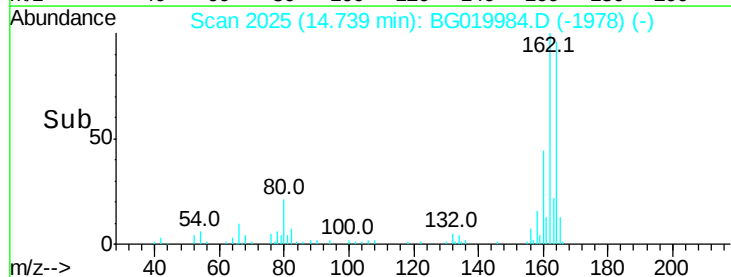
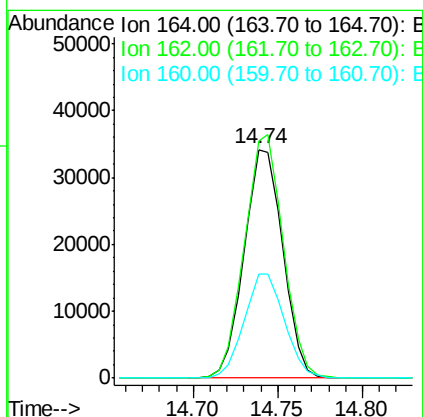
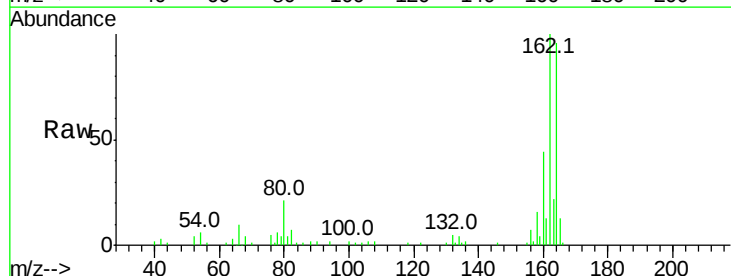
Instrument :
 BNA_G
 ClientSampleID :
 PB87126BL

Tot Ion: 82 Resp: 128740
 Ion Ratio Lower Upper
 82 100
 128 37.9 36.7 55.1
 54 48.5 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG019984.D
 Acq: 7 Dec 2015 17:00

Tgt Ion: 164 Resp: 54441
 Ion Ratio Lower Upper
 164 100
 162 103.9 78.8 118.2
 160 45.5 36.4 54.6





#41

2,4,6-Tribromophenol

Concen: 76.06 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_G

ClientSampleId :

PB87126BL

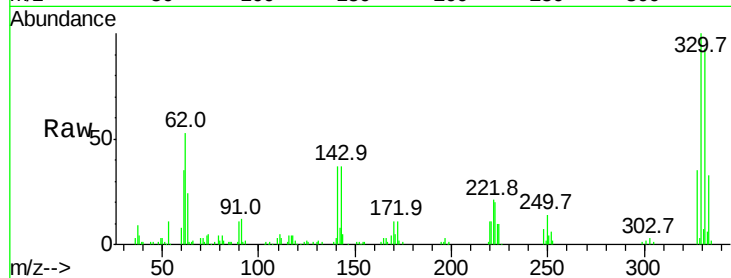
Tot Ion:330 Resp: 63356

Ion Ratio Lower Upper

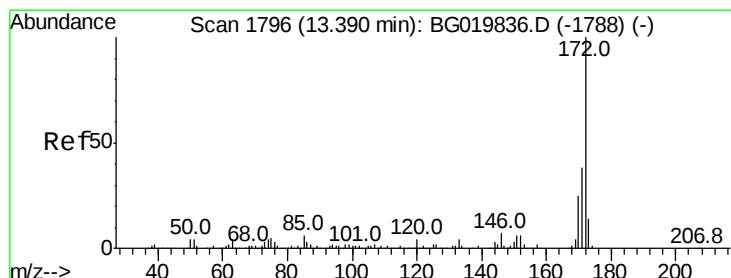
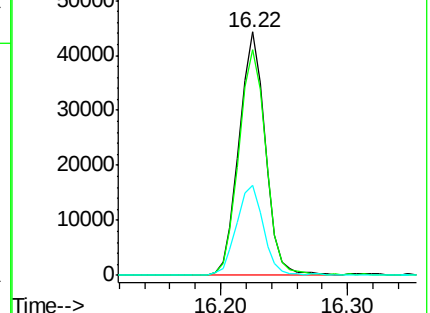
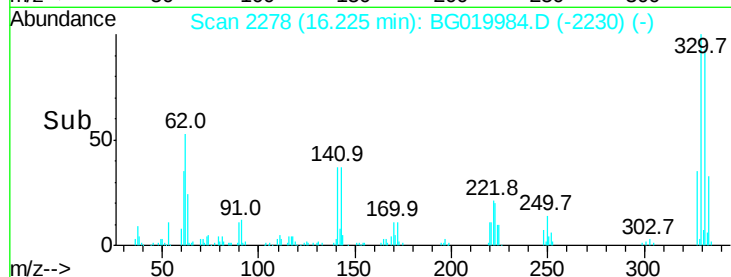
330 100

332 95.3 78.1 117.1

141 37.7 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: 80.44 ng

RT: 13.37 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

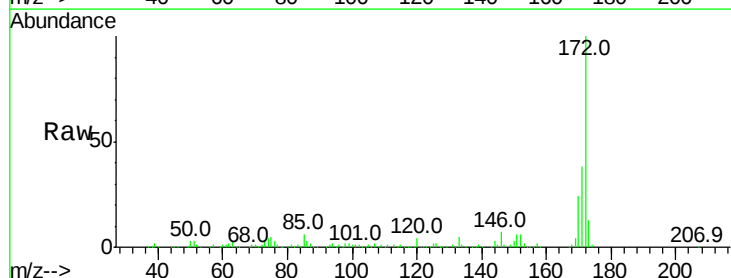
Tgt Ion:172 Resp: 320730

Ion Ratio Lower Upper

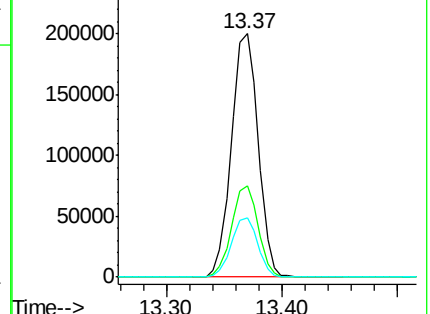
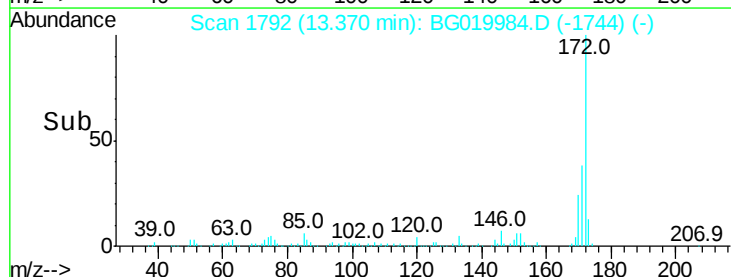
172 100

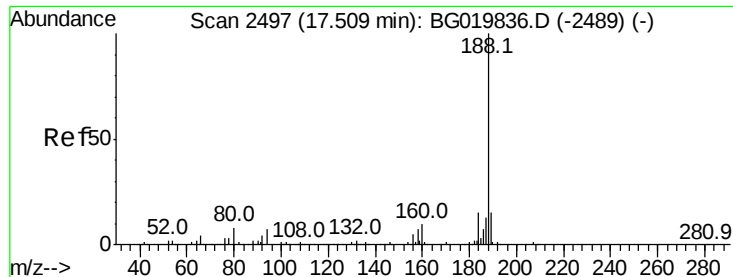
171 37.7 29.0 43.6

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_G

ClientSampleId :

PB87126BL

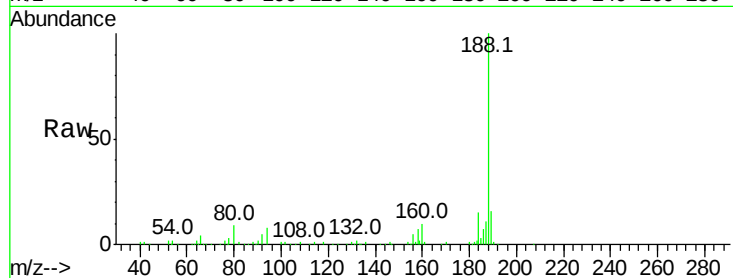
Tot Ion:188 Resp: 136745

Ion Ratio Lower Upper

188 100

94 8.1 7.7 11.5

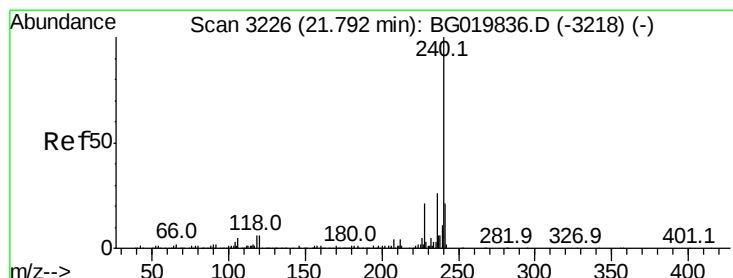
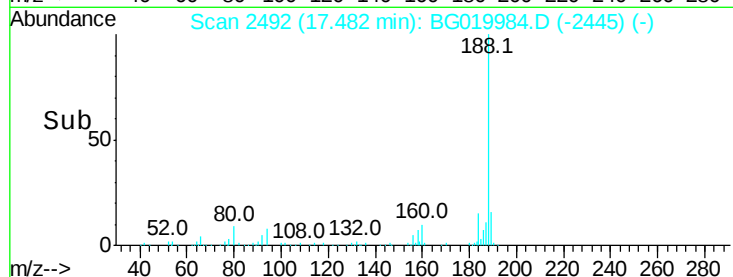
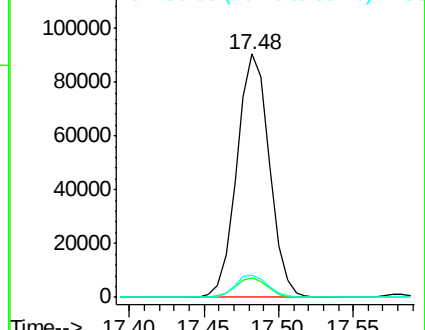
80 9.3 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

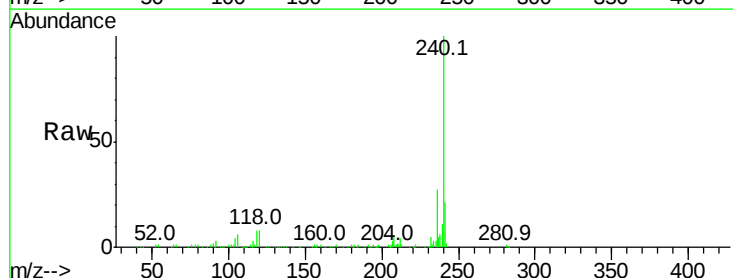
Tgt Ion:240 Resp: 167249

Ion Ratio Lower Upper

240 100

120 7.6 7.4 11.0

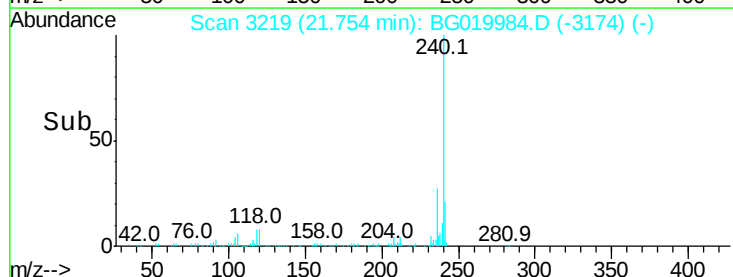
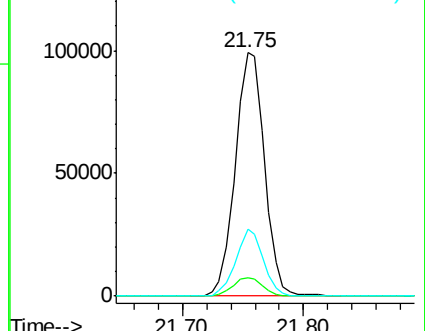
236 27.3 20.7 31.1

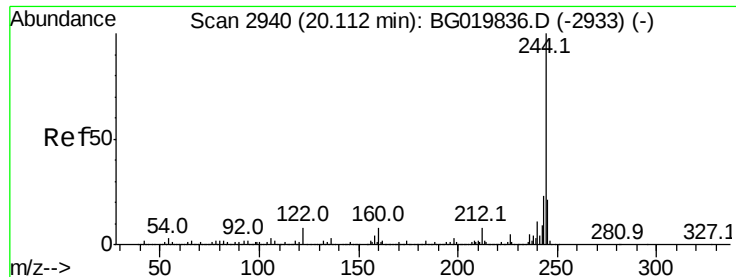


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.50 ng

RT: 20.09 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

Instrument :

BNA_G

ClientSampleId :

PB87126BL

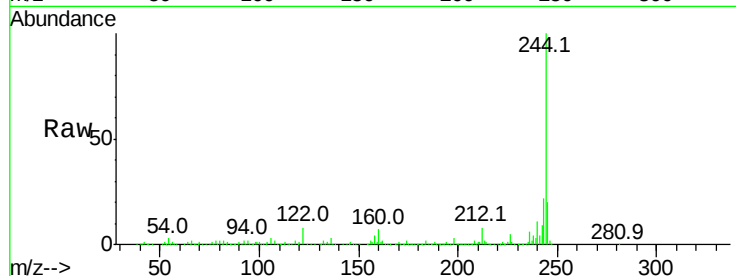
Tot Ion:244 Resp: 586241

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

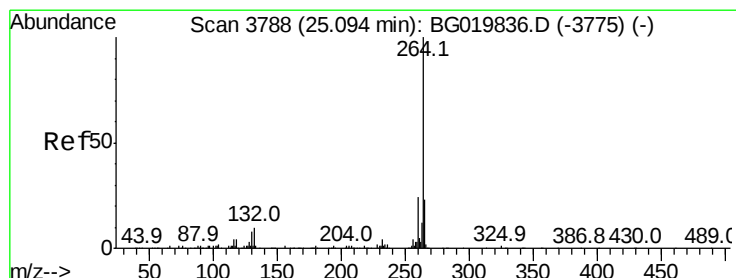
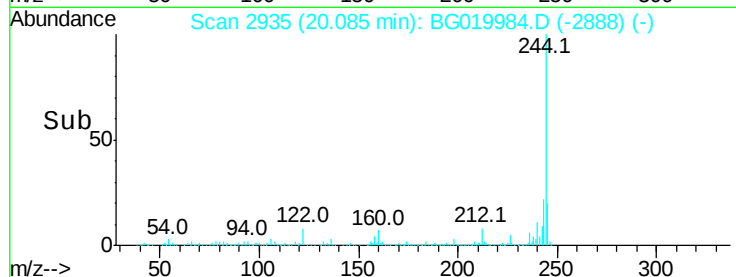
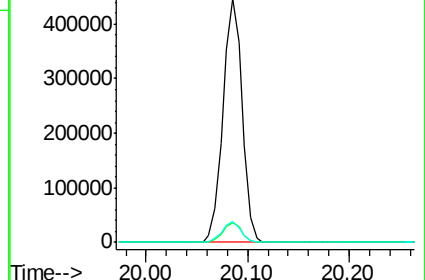
122 8.5 10.2 15.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG019984.D

Acq: 7 Dec 2015 17:00

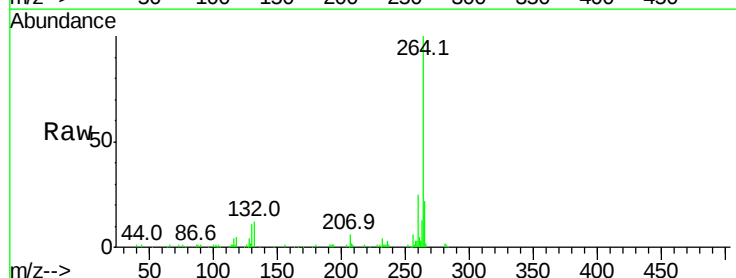
Tgt Ion:264 Resp: 155156

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 21.5 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

