

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020098.D
 Acq On : 11 Dec 2015 6:43
 Operator : UM/SJ
 Sample : G4729-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JAMAICA-FIELDBLANK1-12-8-15

Quant Time: Dec 11 08:01:41 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	21174	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	93091	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	63038	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	150274	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	188015	20.00	ng	-0.04
86) Perylene-d12	25.03	264	173410	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	84657	72.26	ng	-0.01
7) Phenol-d6	7.26	99	75546	42.71	ng	-0.02
23) Nitrobenzene-d5	9.28	82	183320	100.50	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	137087	142.13	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	443698	96.11	ng	-0.03
78) Terphenyl-d14	20.08	244	752843	97.67	ng	-0.03

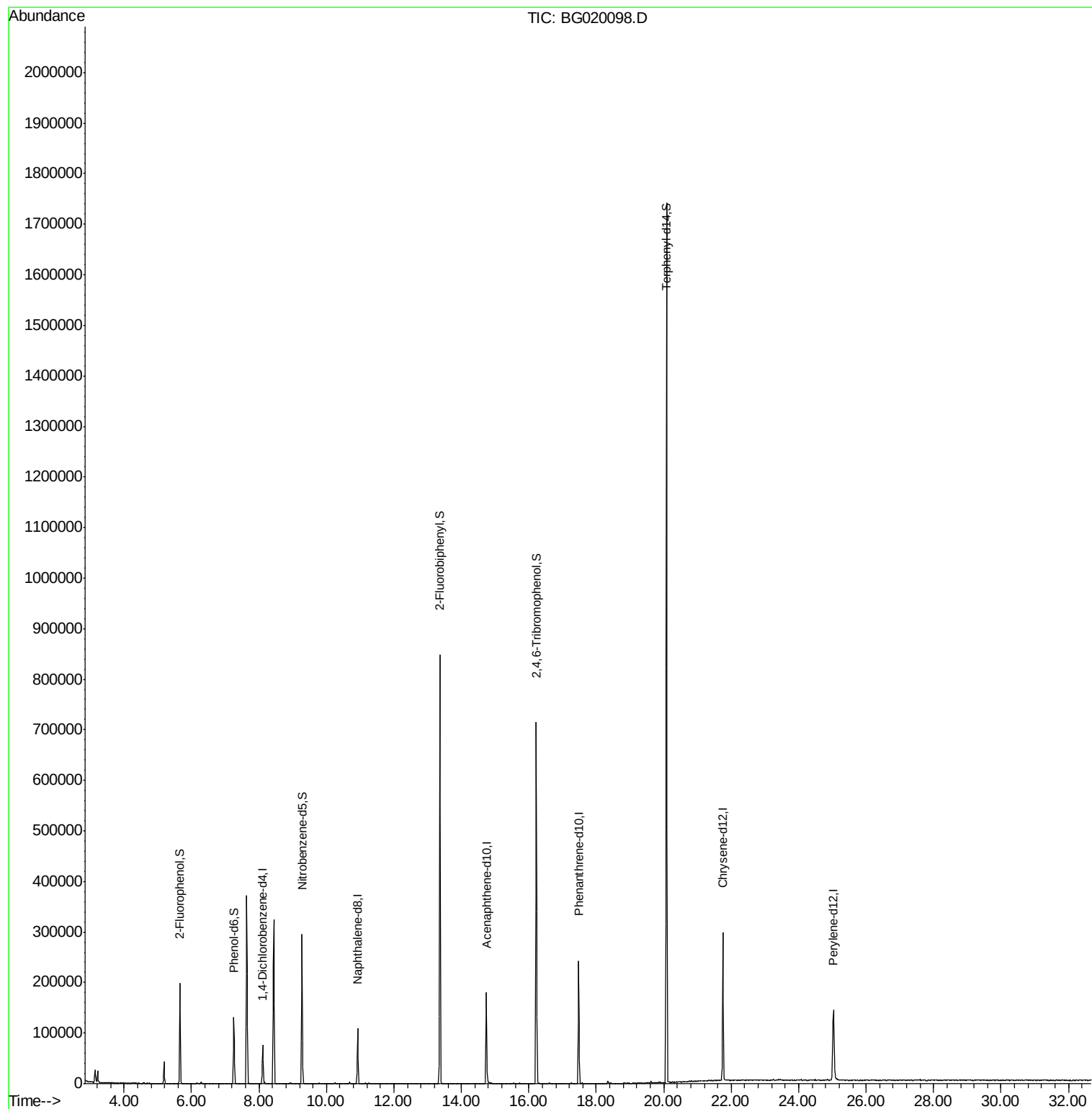
Target Compounds	Qvalue
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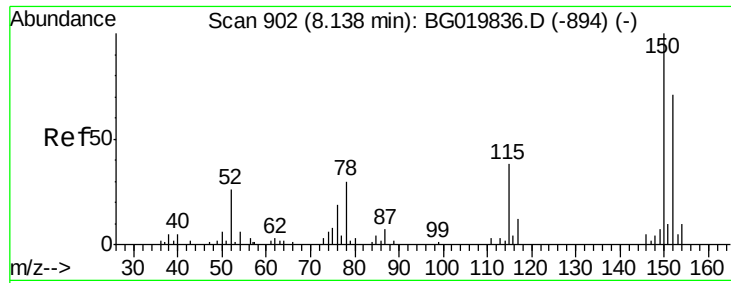
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020098.D

Acq: 11 Dec 2015 6:43

Instrument :

BNA_G

ClientSampleId :

JAMAICA-FIELDBLANK1-12-8-15

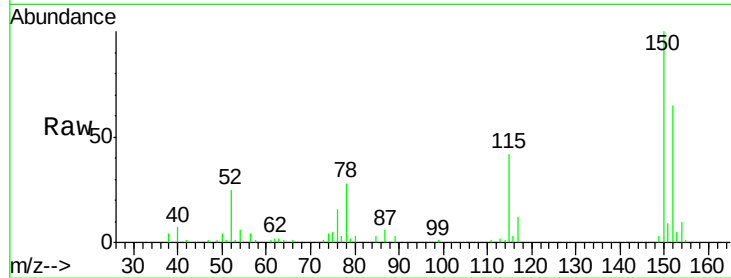
Tgt Ion:152 Resp: 21174

Ion Ratio Lower Upper

152 100

150 154.6 115.0 172.4

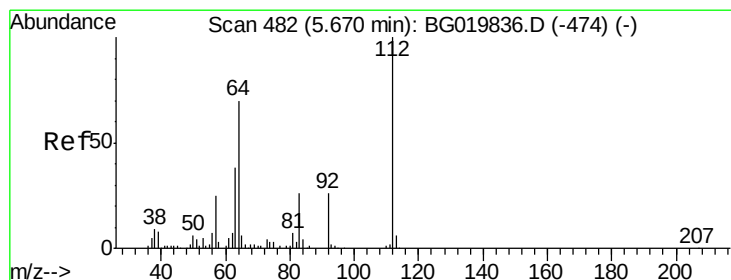
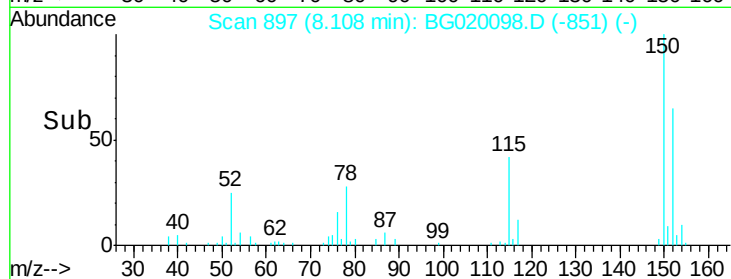
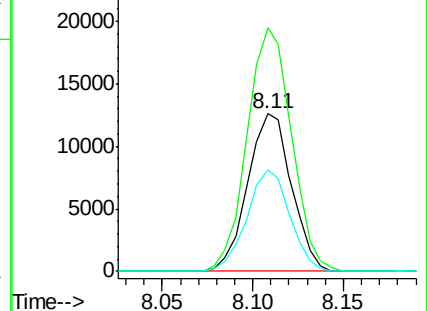
115 64.4 43.9 65.9



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: 72.26 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020098.D

Acq: 11 Dec 2015 6:43

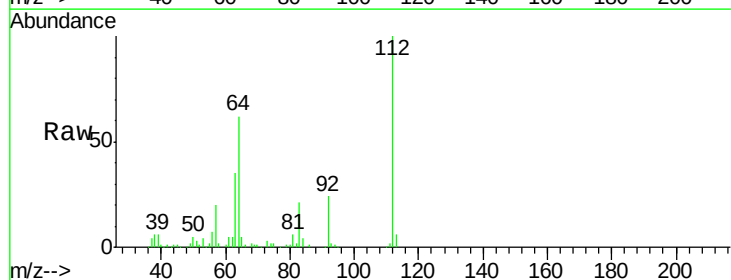
Tgt Ion:112 Resp: 84657

Ion Ratio Lower Upper

112 100

64 61.9 43.7 65.5

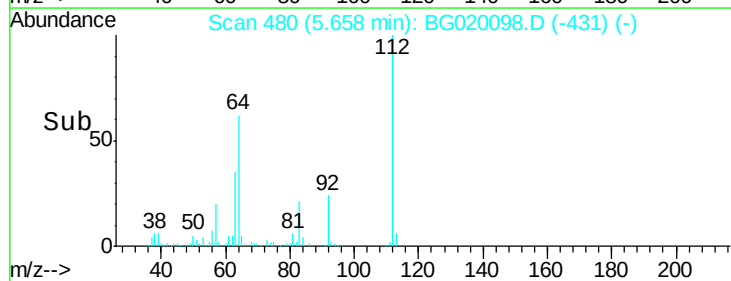
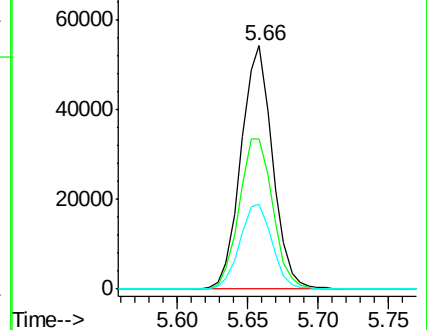
63 35.0 24.0 36.0

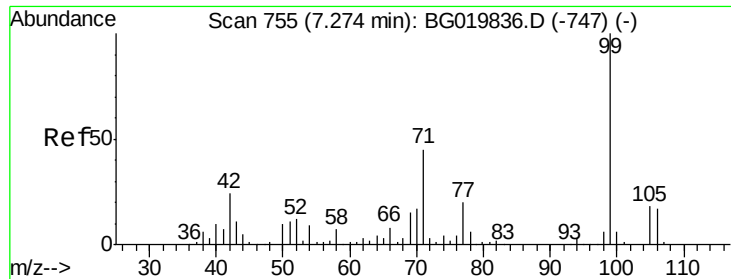


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 42.71 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020098.D

Acq: 11 Dec 2015 6:43

Instrument :

BNA_G

ClientSampleId :

JAMAICA-FIELDBLANK1-12-8-15

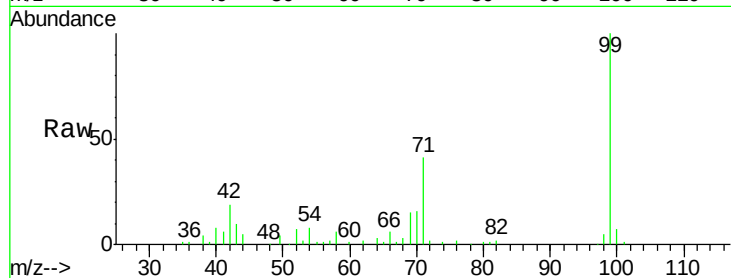
Tgt Ion: 99 Resp: 75546

Ion Ratio Lower Upper

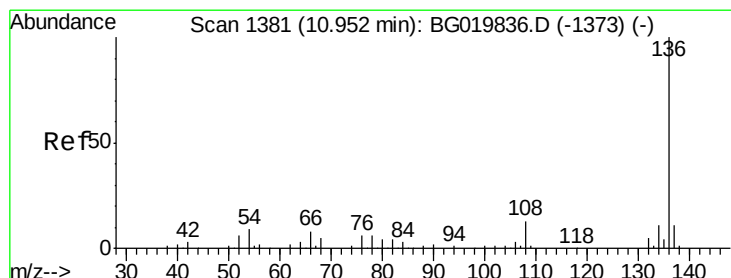
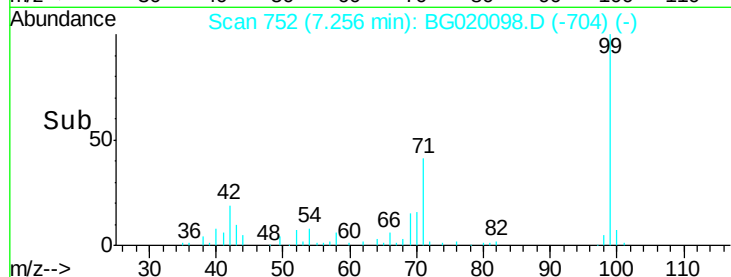
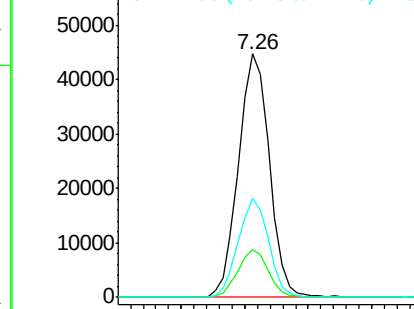
99 100

42 19.4 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: BG020098.D

Acq: 11 Dec 2015 6:43

Tgt Ion: 136 Resp: 93091

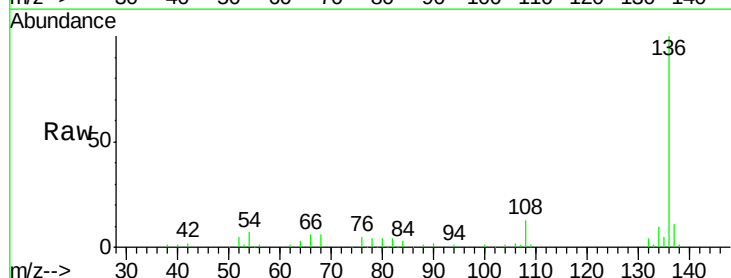
Ion Ratio Lower Upper

136 100

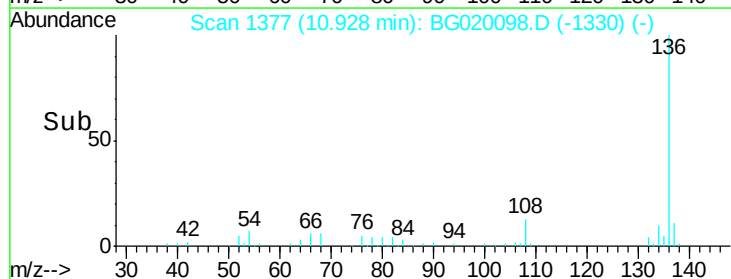
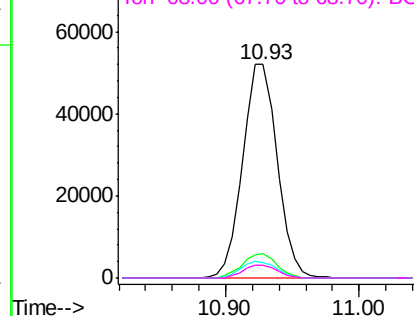
137 11.2 8.6 12.8

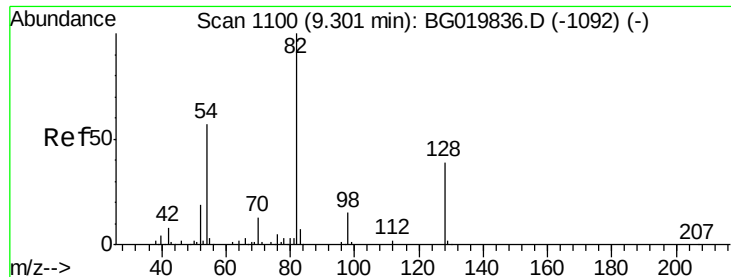
54 7.4 5.4 8.2

68 5.9 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

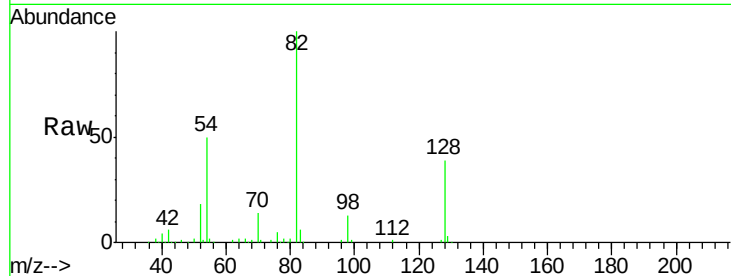




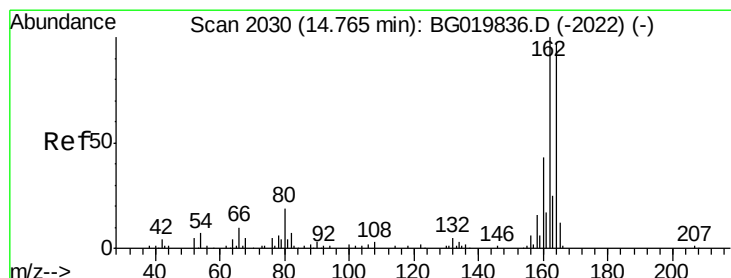
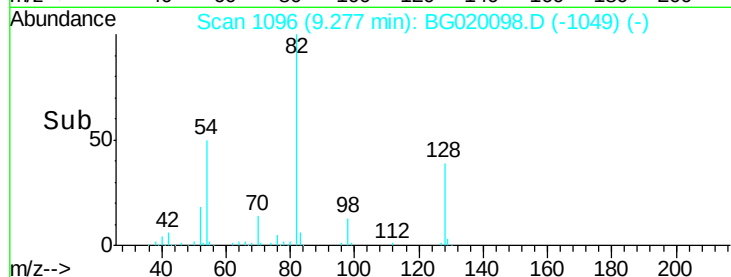
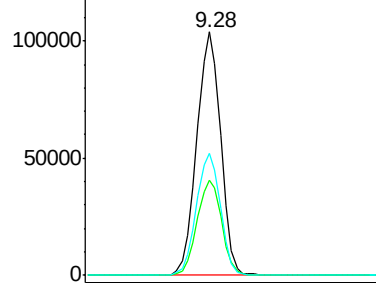
#23
 Nitrobenzene-d5
 Concen: 100.50 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020098.D
 Acq: 11 Dec 2015 6:43

Instrument :
 BNA_G
 ClientSampleId :
 JAMAICA-FIELDBLANK1-12-8-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	36.7	55.1
54	50.4	33.8	50.8

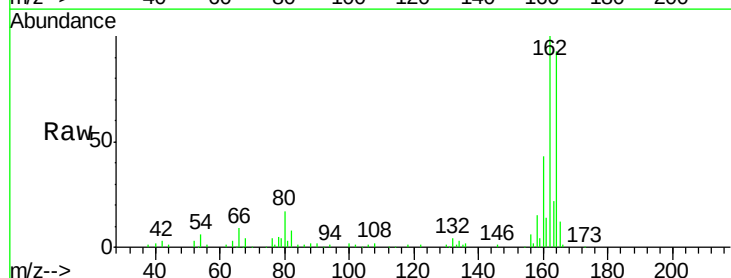


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

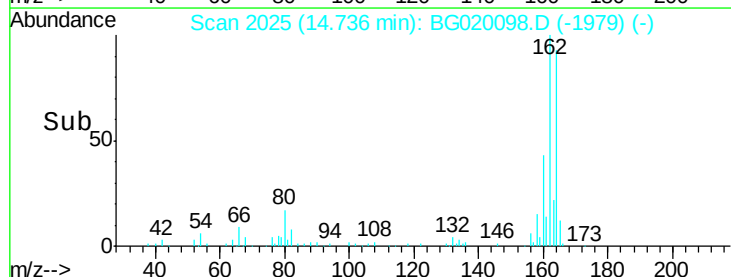
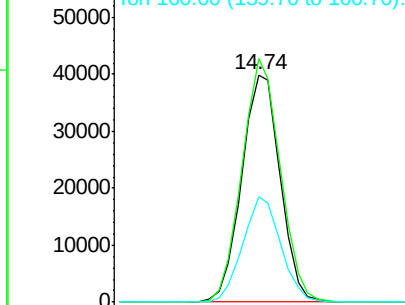


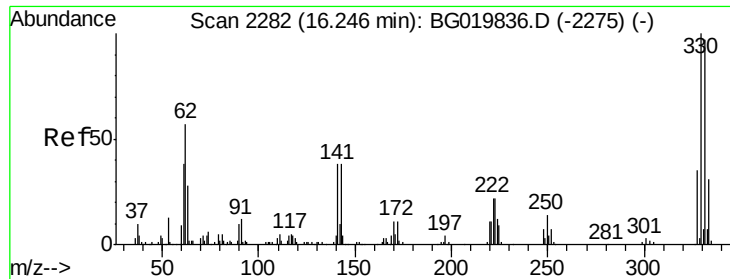
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020098.D
 Acq: 11 Dec 2015 6:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	46.5	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

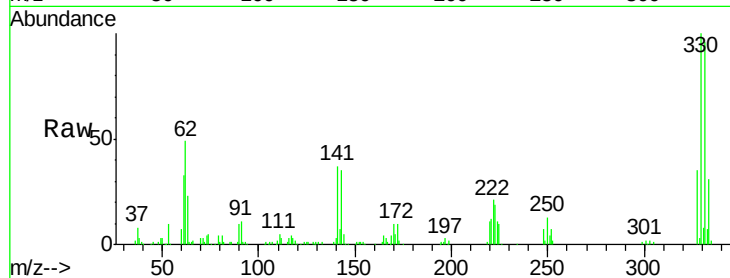




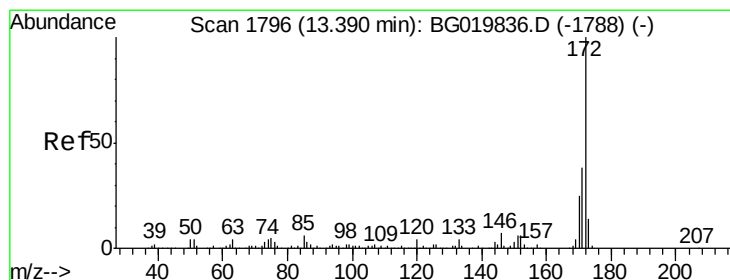
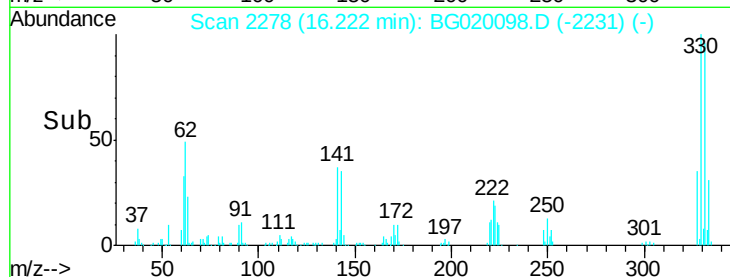
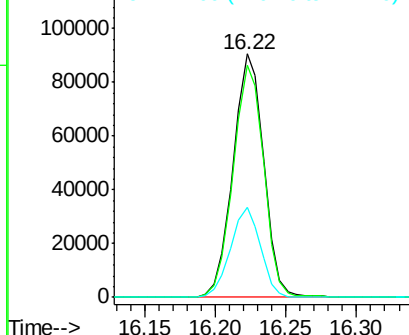
#41
 2,4,6-Tribromophenol
 Concen: 142.13 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020098.D
 Acq: 11 Dec 2015 6:43

Instrument :
 BNA_G
 ClientSampleId :
 JAMAICA-FIELDBLANK1-12-8-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	36.2	28.2	42.2

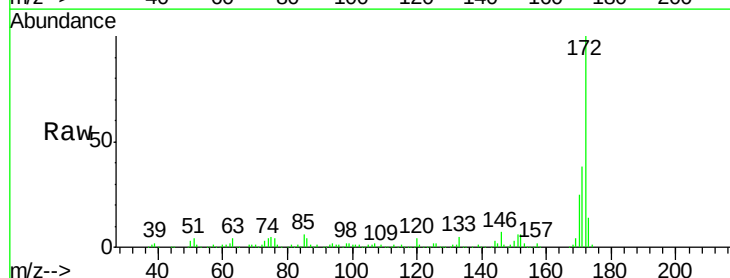


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

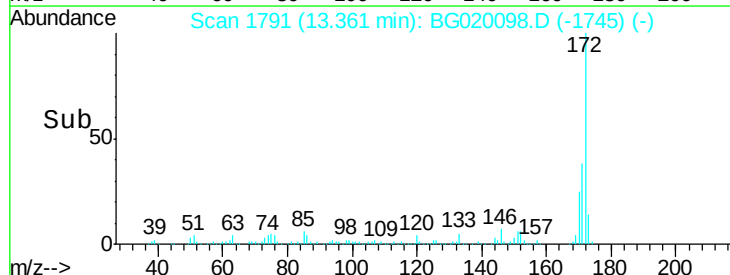
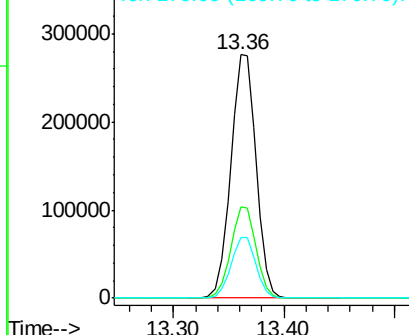


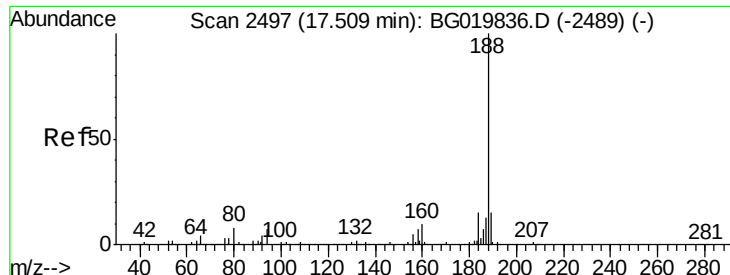
#44
 2-Fluorobiphenyl
 Concen: 96.11 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020098.D
 Acq: 11 Dec 2015 6:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	25.1	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

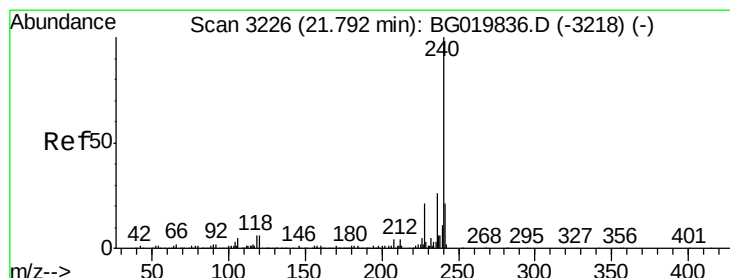
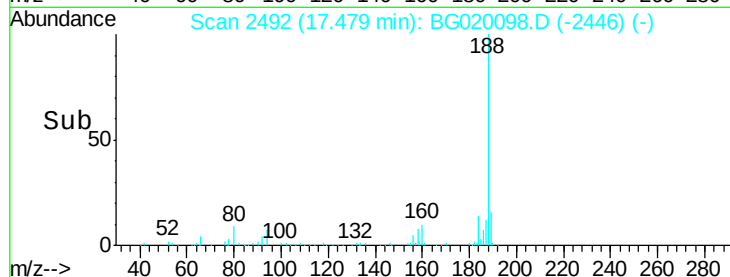
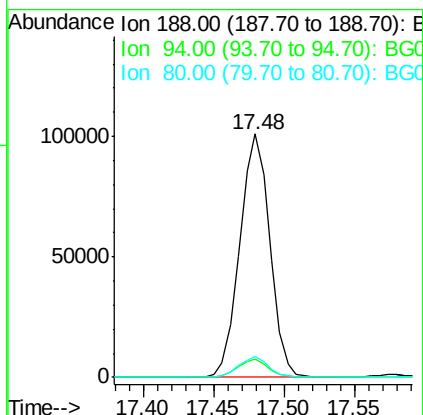
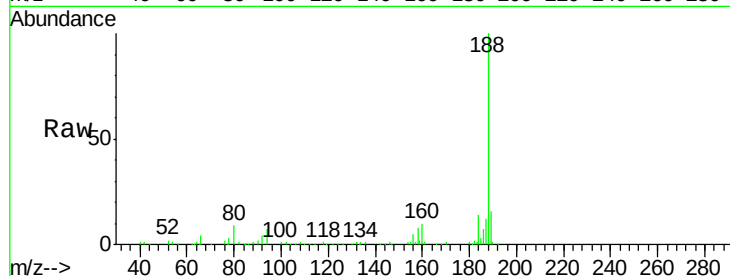




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020098.D
Acq: 11 Dec 2015 6:43

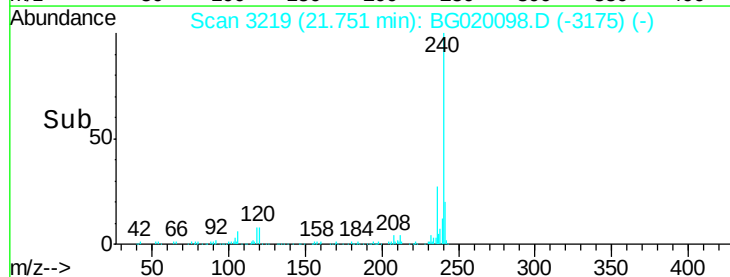
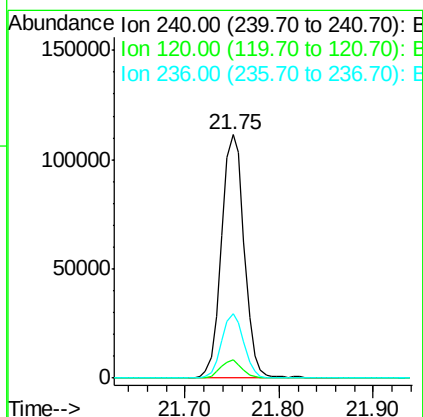
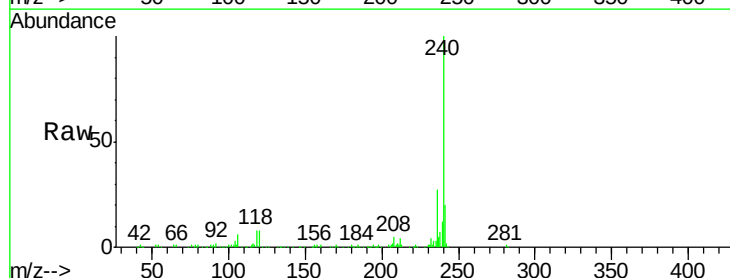
Instrument :
BNA_G
ClientSampleId :
JAMAICA-FIELDBLANK1-12-8-15

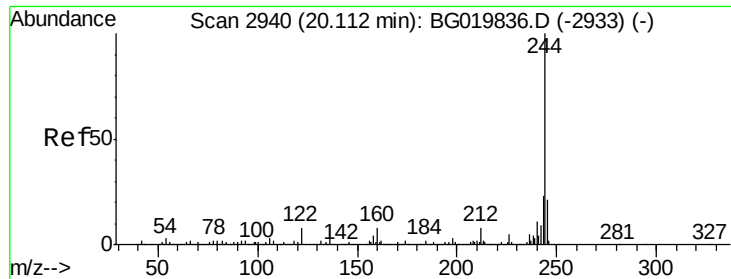
Tgt Ion:188 Resp: 150274
Ion Ratio Lower Upper
188 100
94 7.5 7.7 11.5#
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020098.D
Acq: 11 Dec 2015 6:43

Tgt Ion:240 Resp: 188015
Ion Ratio Lower Upper
240 100
120 7.7 7.4 11.0
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 97.67 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020098.D

Acq: 11 Dec 2015 6:43

Instrument :

BNA_G

ClientSampleId :

JAMAICA-FIELDBLANK1-12-8-15

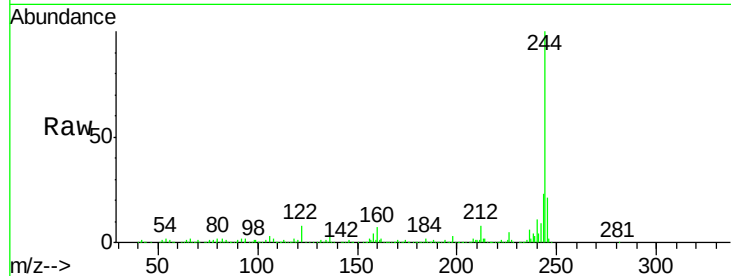
Tgt Ion:244 Resp: 752843

Ion Ratio Lower Upper

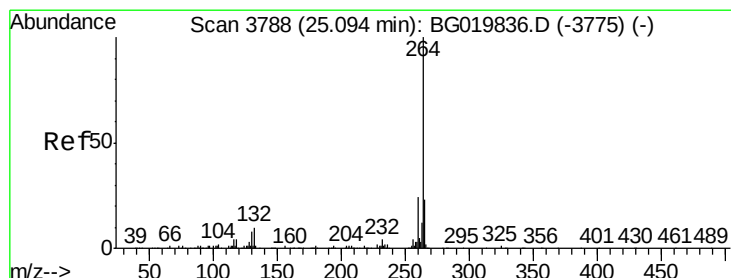
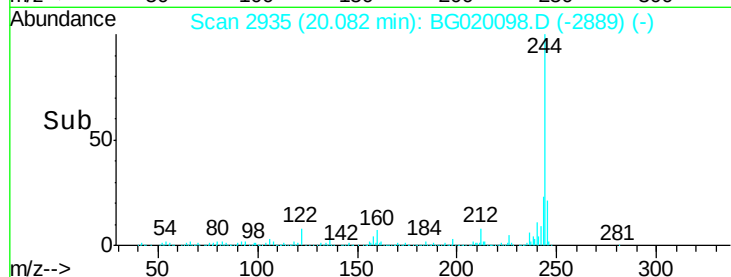
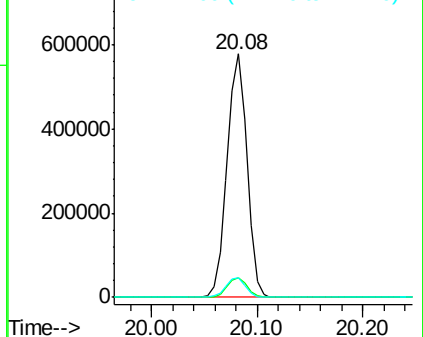
244 100

212 8.3 6.9 10.3

122 8.2 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: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020098.D

Acq: 11 Dec 2015 6:43

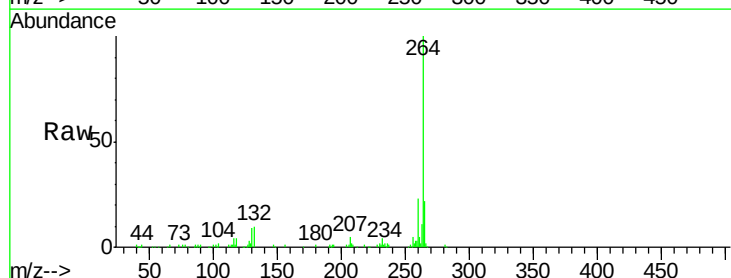
Tgt Ion:264 Resp: 173410

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.8 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

