

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020123.D
 Acq On : 12 Dec 2015 1:58
 Operator : UM/SJ
 Sample : G4755-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-D-M

Quant Time: Dec 12 04:09:53 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	8.10	152	21638	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	92809	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	67784	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	182250	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	216305	20.00	ng	-0.05
86) Perylene-d12	25.00	264	201385	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	51880	43.33	ng	-0.02
7) Phenol-d6	7.25	99	57548	31.84	ng	-0.02
23) Nitrobenzene-d5	9.27	82	150245	82.62	ng	-0.04
41) 2,4,6-Tribromophenol	16.21	330	88209	85.05	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	394280	79.42	ng	-0.04
78) Terphenyl-d14	20.07	244	718574	81.03	ng	-0.04

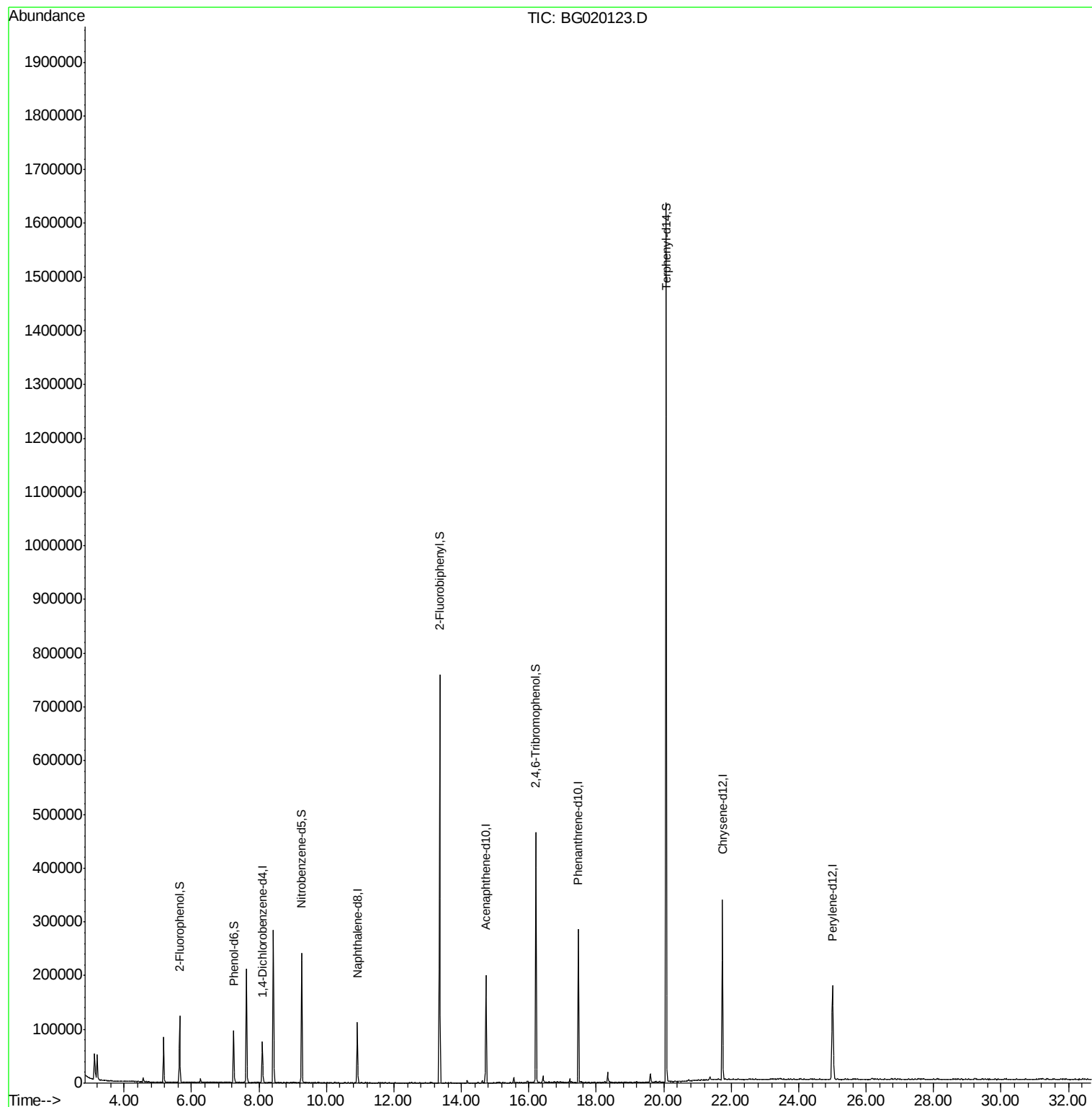
Target Compounds Qvalue

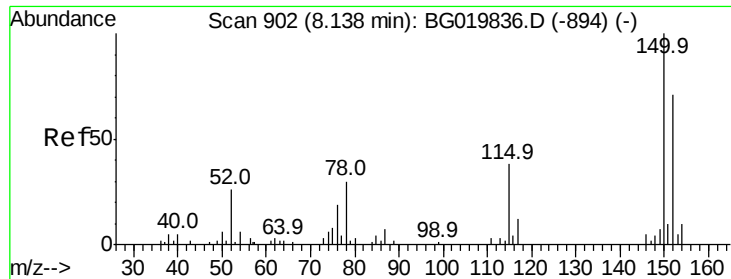
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.04 min

Lab File: BG020123.D

Acq: 12 Dec 2015 1:58

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-D-M

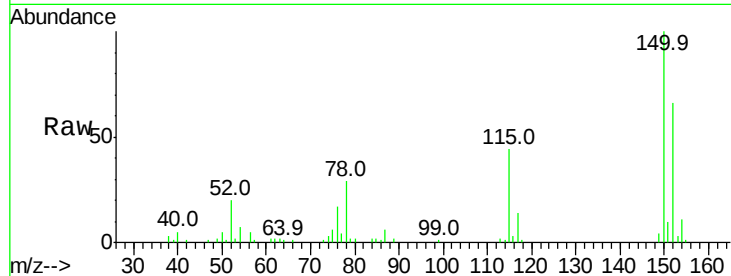
Tot Ion:152 Resp: 21638

Ion Ratio Lower Upper

152 100

150 151.4 115.0 172.4

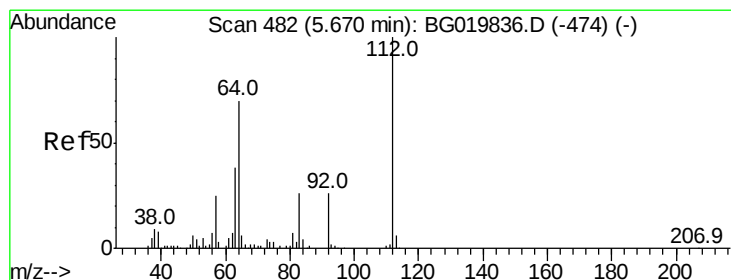
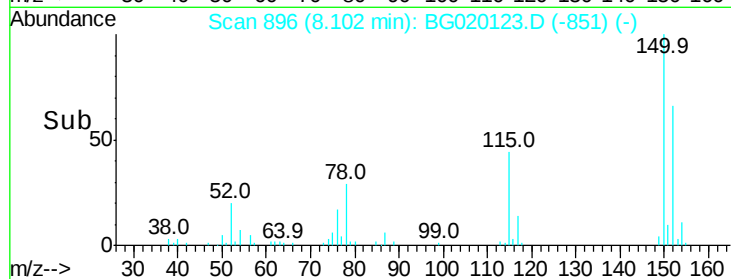
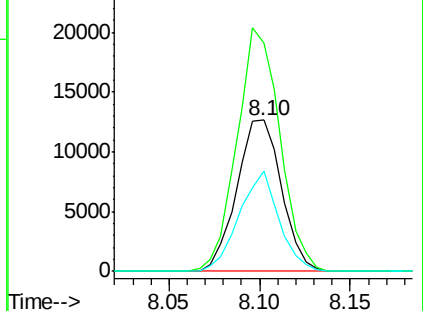
115 66.7 43.9 65.9#



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: 43.33 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020123.D

Acq: 12 Dec 2015 1:58

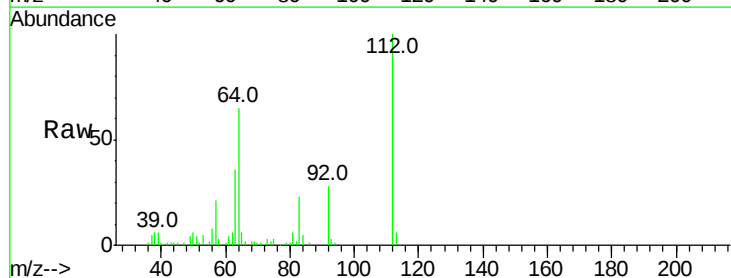
Tgt Ion:112 Resp: 51880

Ion Ratio Lower Upper

112 100

64 64.9 43.7 65.5

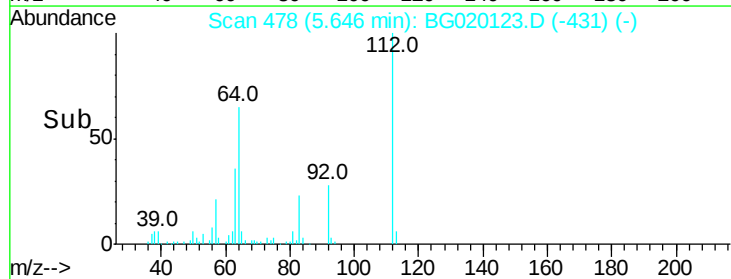
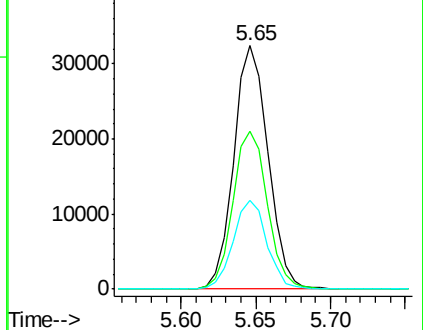
63 36.3 24.0 36.0#



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: 31.84 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020123.D

Acq: 12 Dec 2015 1:58

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-D-M

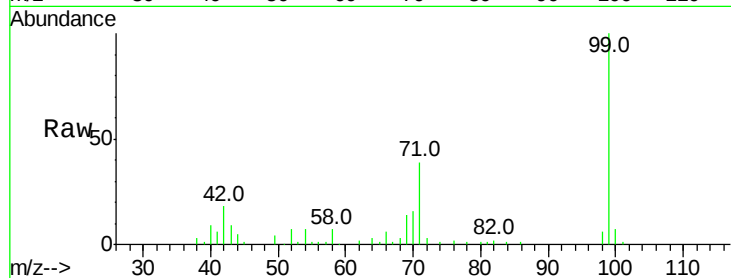
Tot Ion: 99 Resp: 57548

Ion Ratio Lower Upper

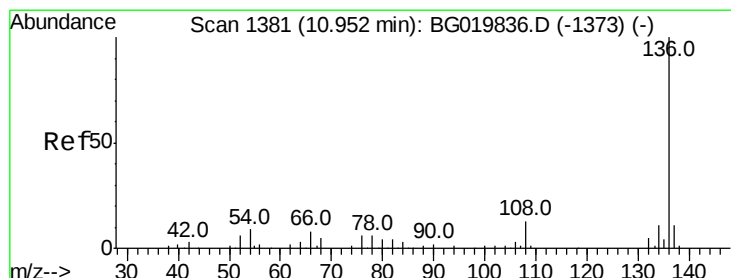
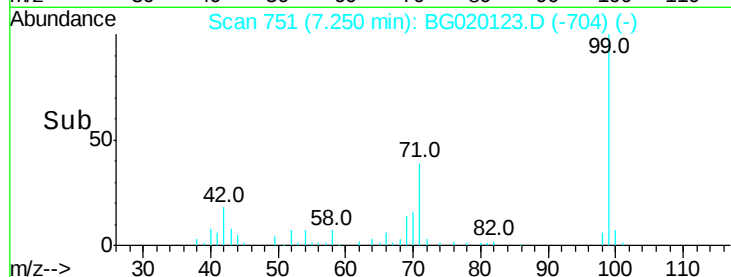
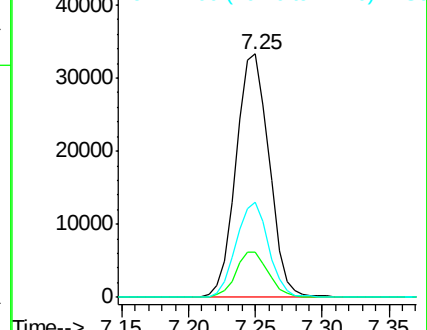
99 100

42 18.3 11.5 17.3#

71 39.0 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: 10.92 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BG020123.D

Acq: 12 Dec 2015 1:58

Tgt Ion: 136 Resp: 92809

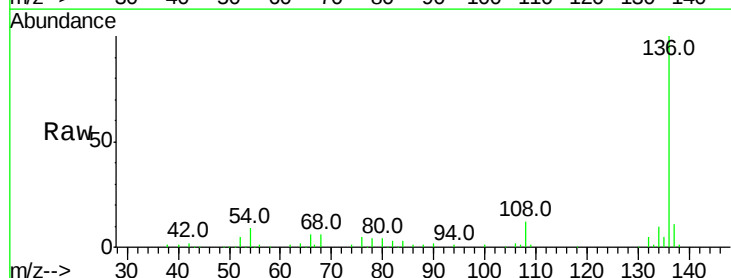
Ion Ratio Lower Upper

136 100

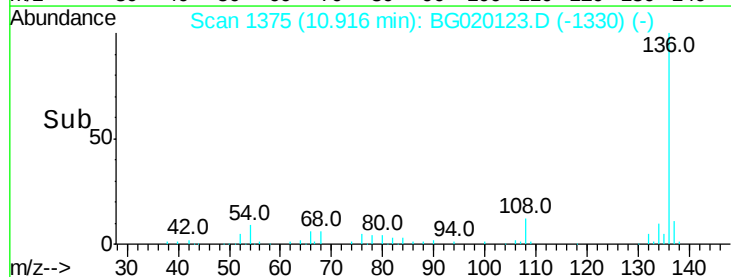
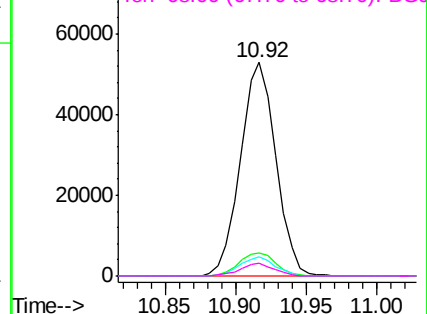
137 10.7 8.6 12.8

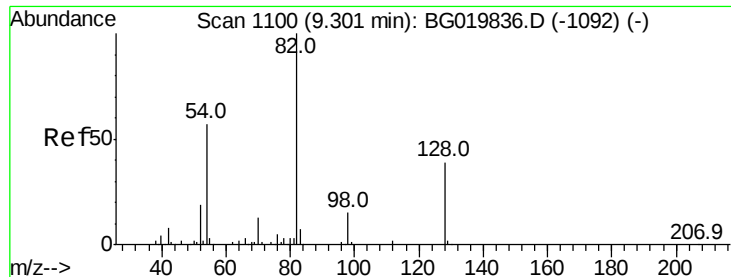
54 8.8 5.4 8.2#

68 5.7 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

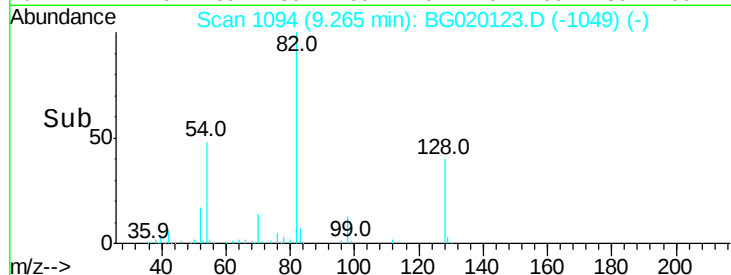
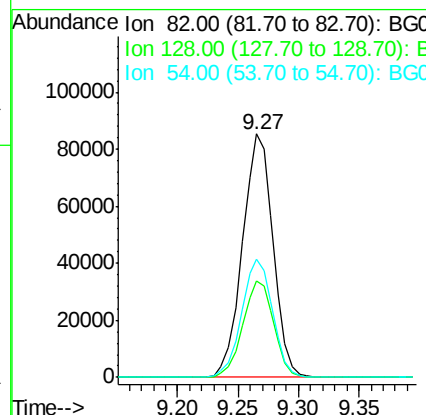
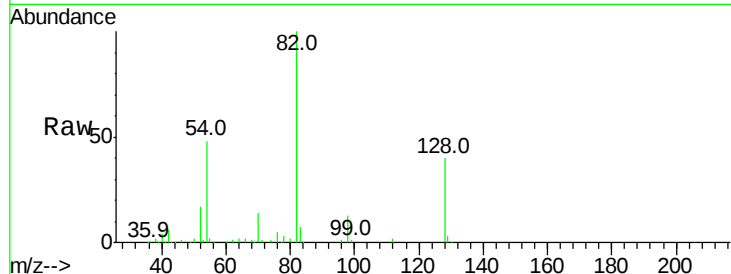




#23
Nitrobenzene-d5
Concen: 82.62 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020123.D
Acq: 12 Dec 2015 1:58

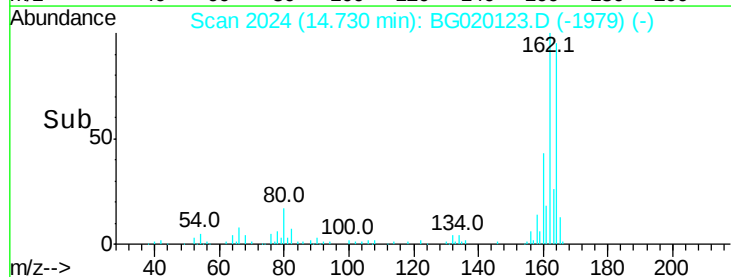
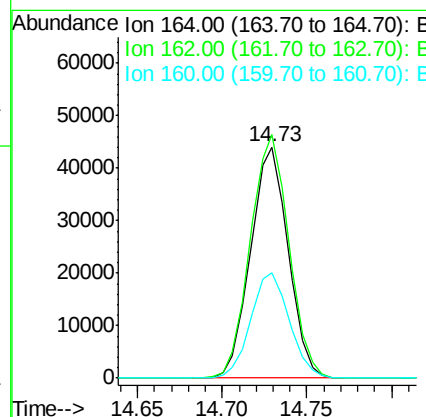
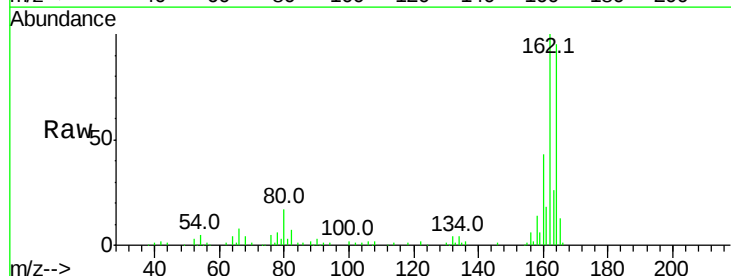
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-D-M

Tot Ion: 82 Resp: 150245
Ion Ratio Lower Upper
82 100
128 39.6 36.7 55.1
54 48.4 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020123.D
Acq: 12 Dec 2015 1:58

Tgt Ion:164 Resp: 67784
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 45.3 36.4 54.6

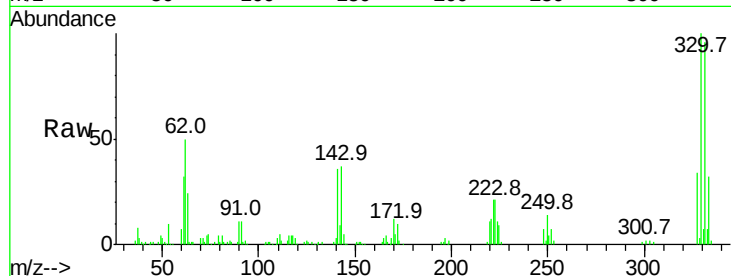




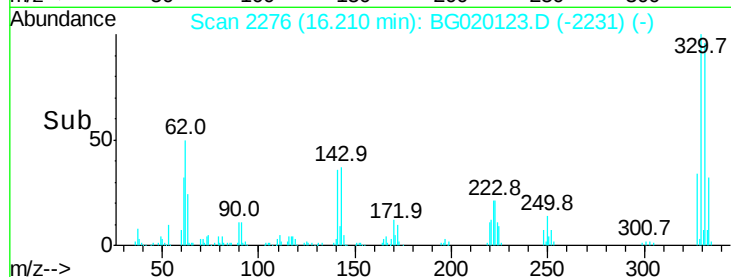
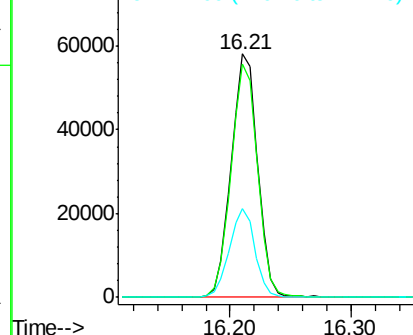
#41
 2,4,6-Tribromophenol
 Concen: 85.05 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020123.D
 Acq: 12 Dec 2015 1:58

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	35.4	28.2	42.2

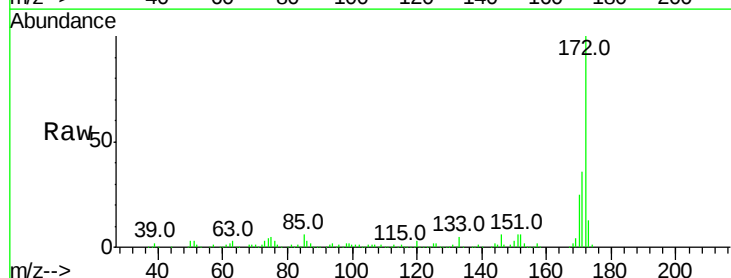


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

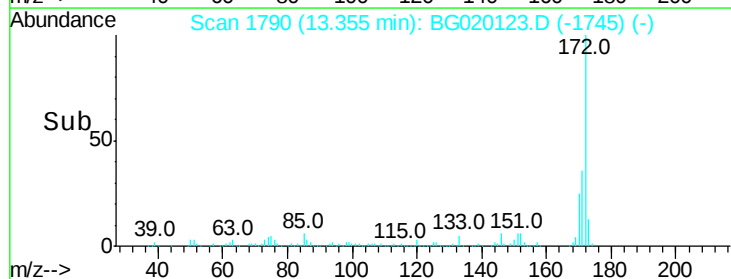
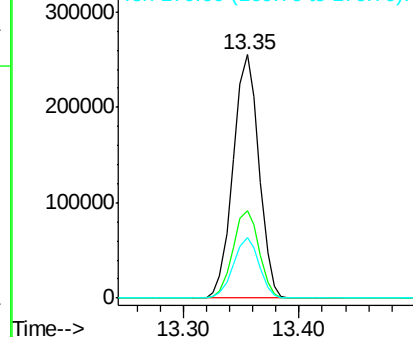


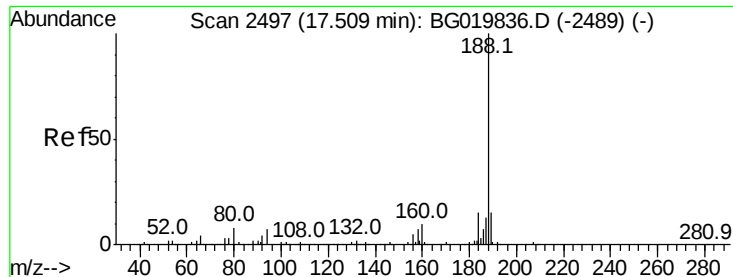
#44
 2-Fluorobiphenyl
 Concen: 79.42 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020123.D
 Acq: 12 Dec 2015 1:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.9	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: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG020123.D

Acq: 12 Dec 2015 1:58

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-D-M

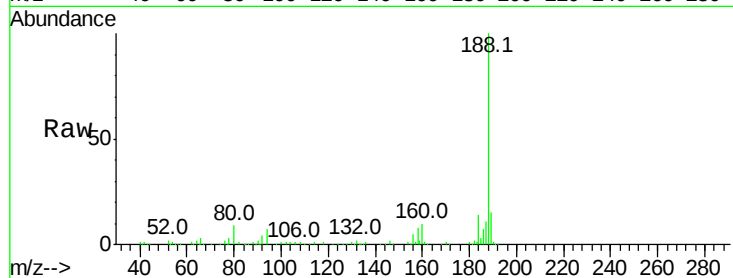
Tot Ion:188 Resp: 182250

Ion Ratio Lower Upper

188 100

94 7.0 7.7 11.5#

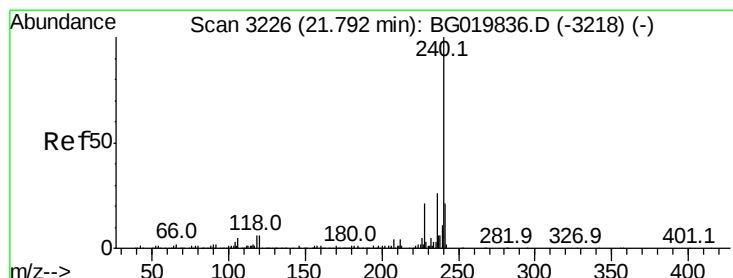
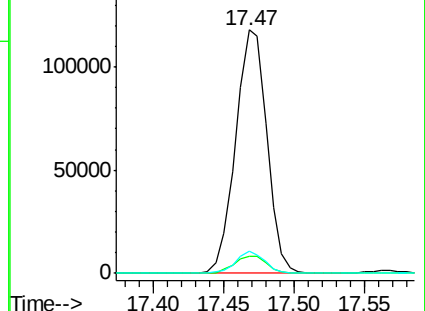
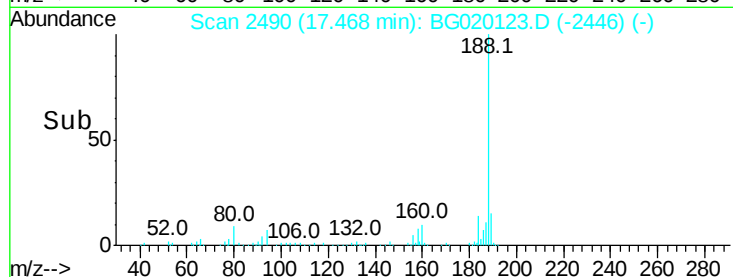
80 8.9 7.8 11.8



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: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020123.D

Acq: 12 Dec 2015 1:58

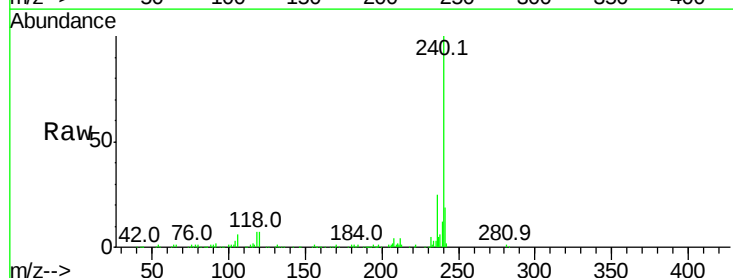
Tgt Ion:240 Resp: 216305

Ion Ratio Lower Upper

240 100

120 6.8 7.4 11.0#

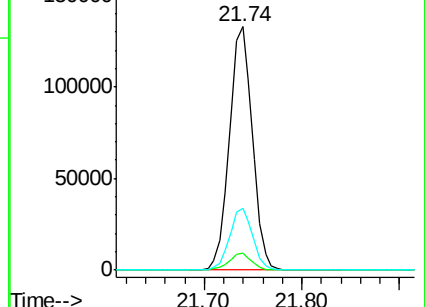
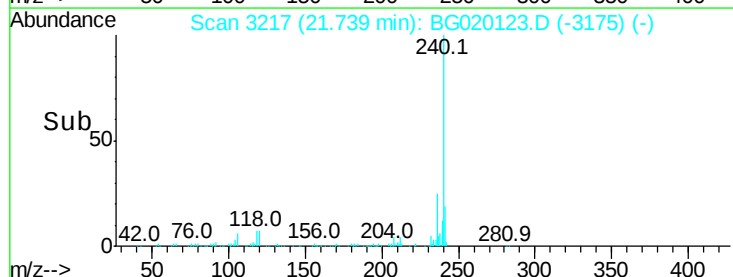
236 25.3 20.7 31.1

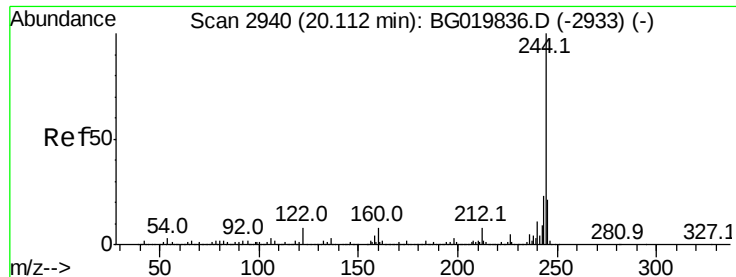


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.03 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020123.D

Acq: 12 Dec 2015 1:58

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-D-M

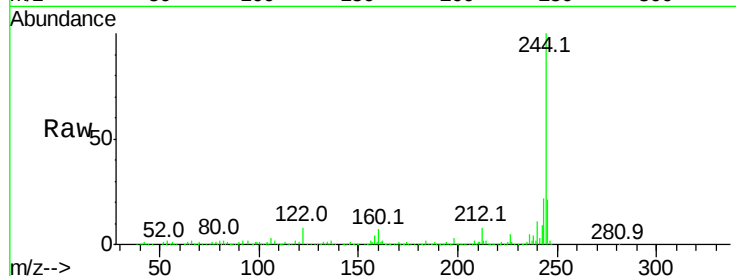
Tot Ion:244 Resp: 718574

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

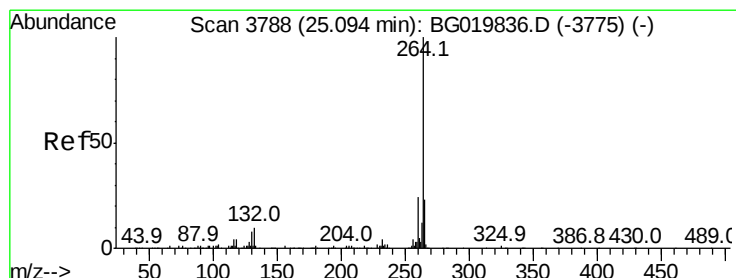
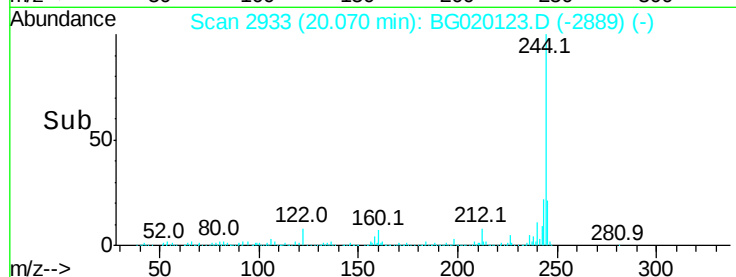
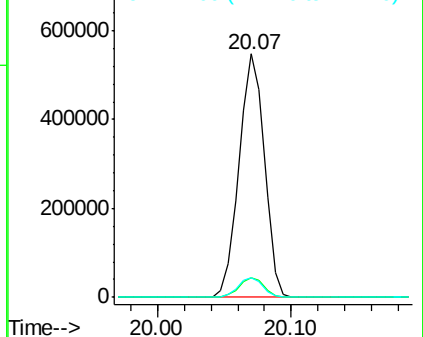
122 8.1 10.2 15.2#



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: 25.00 min Scan# 3772

Delta R.T. -0.09 min

Lab File: BG020123.D

Acq: 12 Dec 2015 1:58

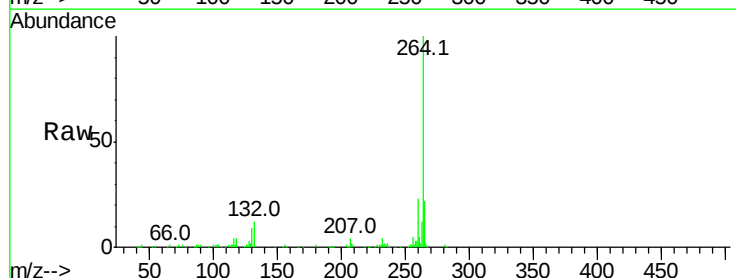
Tgt Ion:264 Resp: 201385

Ion Ratio Lower Upper

264 100

260 23.4 18.5 27.7

265 22.1 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

