

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
 Data File : BG022375.D
 Acq On : 16 Jun 2016 20:58
 Operator : UM/SJ
 Sample : H3569-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-COMP

Quant Time: Jun 17 02:24:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

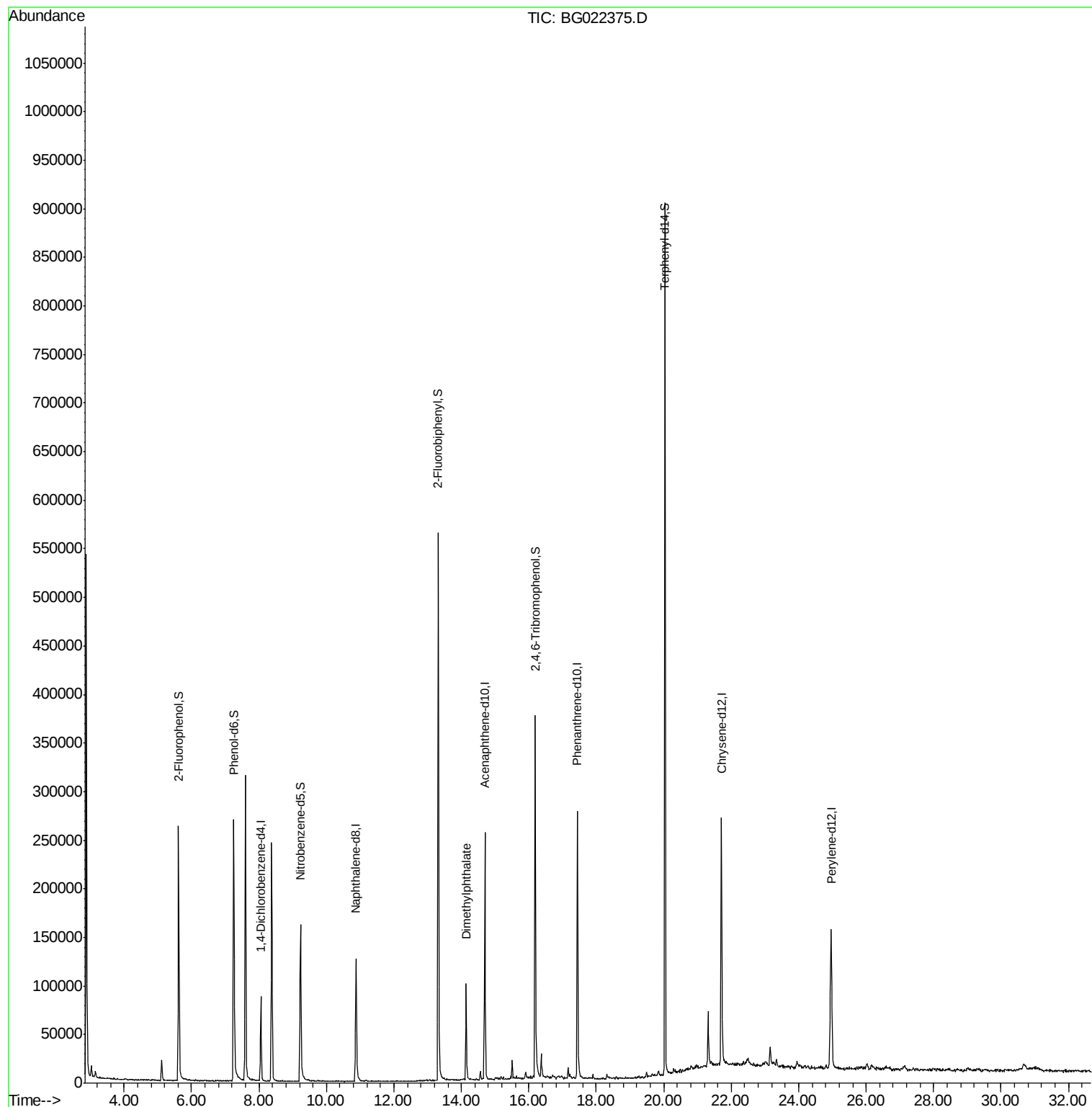
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	31437	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	157892	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	96241	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	205019	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	172578	20.00	ng	-0.03
86) Perylene-d12	24.96	264	160175	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	177206	108.99	ng	-0.02
7) Phenol-d6	7.25	99	260307	101.82	ng	0.00
23) Nitrobenzene-d5	9.23	82	144861	63.96	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	86845	79.86	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	358931	56.84	ng	-0.03
78) Terphenyl-d14	20.03	244	426109	58.62	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.14	163	86895	10.89	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.04 min

Lab File: BG022375.D

Acq: 16 Jun 2016 20:58

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

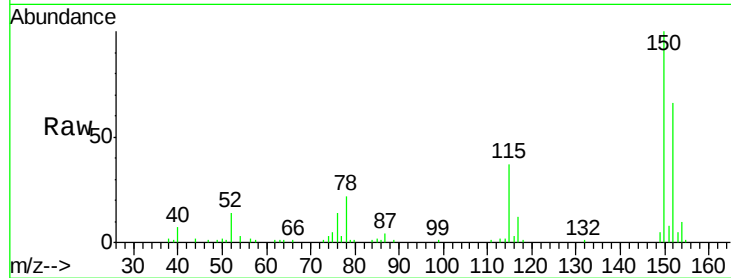
Tgt Ion:152 Resp: 31437

Ion Ratio Lower Upper

152 100

150 152.1 130.1 195.1

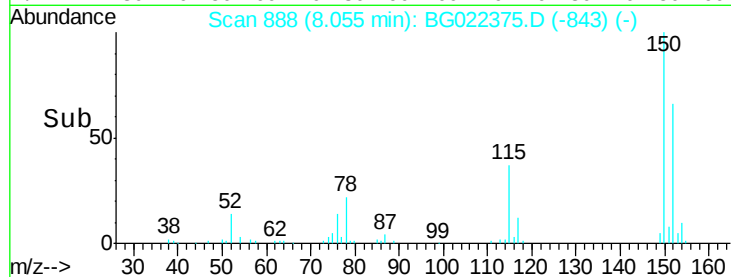
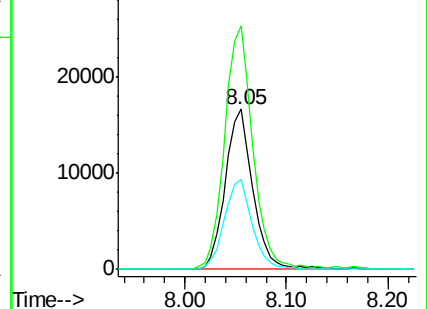
115 56.6 62.2 93.2#



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: 108.99 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022375.D

Acq: 16 Jun 2016 20:58

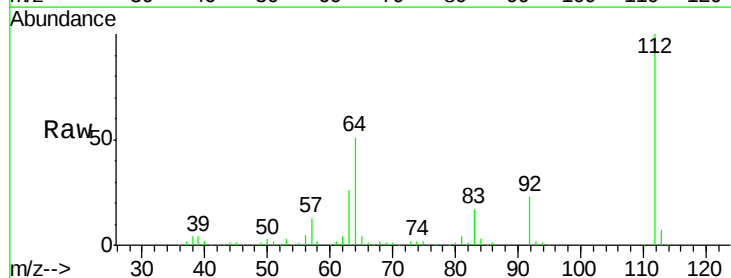
Tgt Ion:112 Resp: 177206

Ion Ratio Lower Upper

112 100

64 51.0 51.1 76.7#

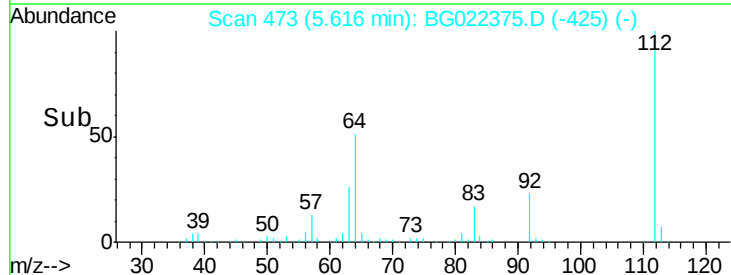
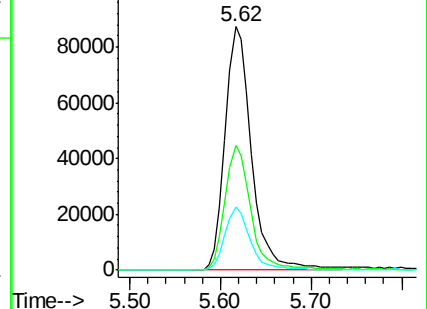
63 25.7 24.6 37.0



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: 101.82 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG022375.D

Acq: 16 Jun 2016 20:58

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

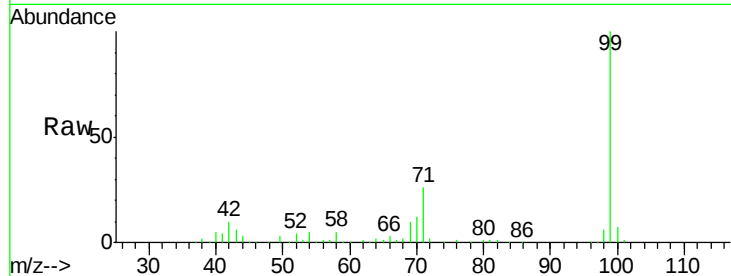
Tgt Ion: 99 Resp: 260307

Ion Ratio Lower Upper

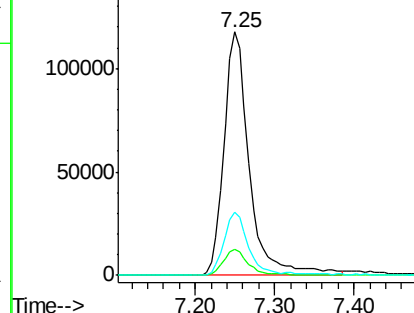
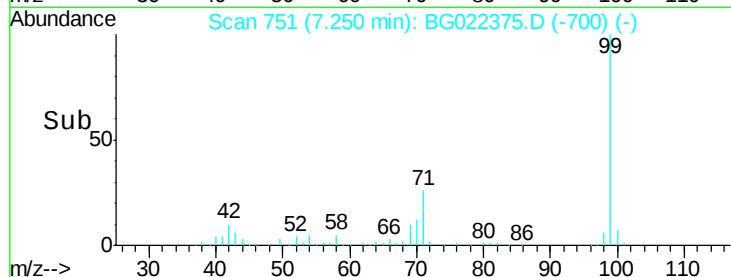
99 100

42 10.4 16.4 24.6#

71 25.8 25.0 37.4



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: 10.87 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022375.D

Acq: 16 Jun 2016 20:58

Tgt Ion: 136 Resp: 157892

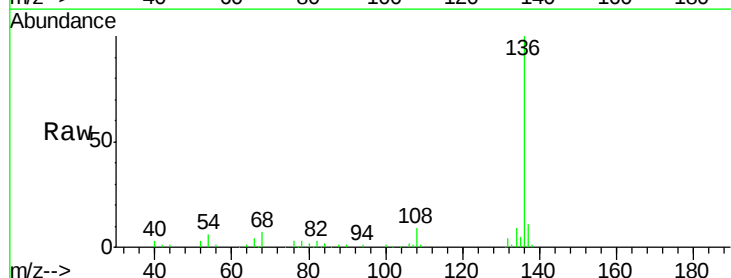
Ion Ratio Lower Upper

136 100

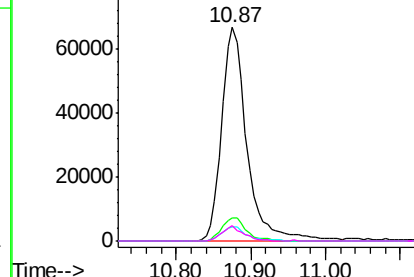
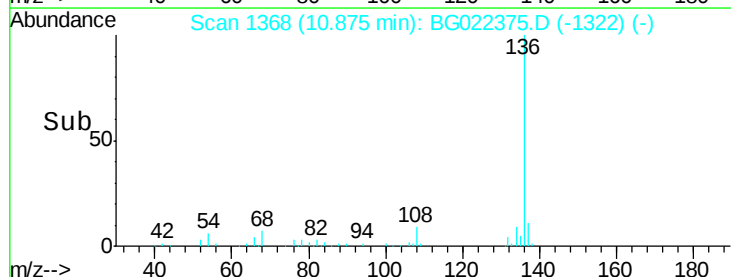
137 11.0 9.0 13.4

54 6.5 9.6 14.4#

68 7.3 6.4 9.6



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: 63.96 ng

RT: 9.23 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BG022375.D

Acq: 16 Jun 2016 20:58

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

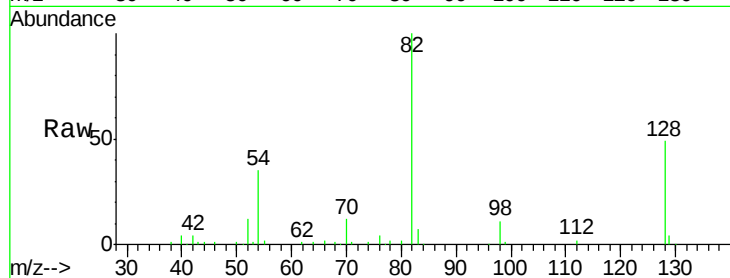
Tgt Ion: 82 Resp: 144861

Ion Ratio Lower Upper

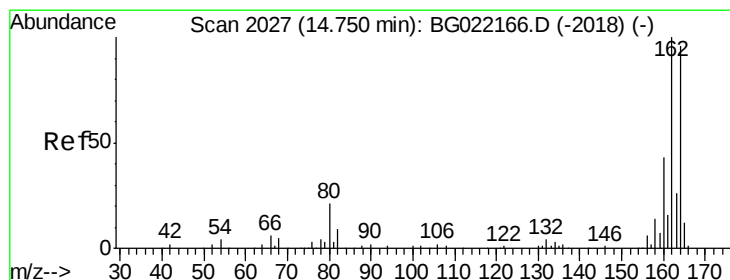
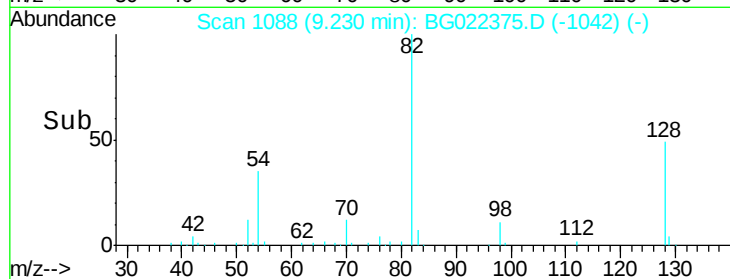
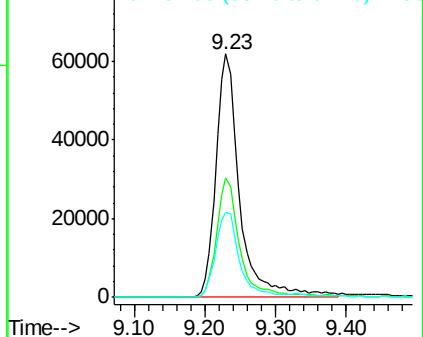
82 100

128 48.8 33.4 50.0

54 34.7 46.1 69.1#



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: 14.69 min Scan# 2018

Delta R.T. -0.03 min

Lab File: BG022375.D

Acq: 16 Jun 2016 20:58

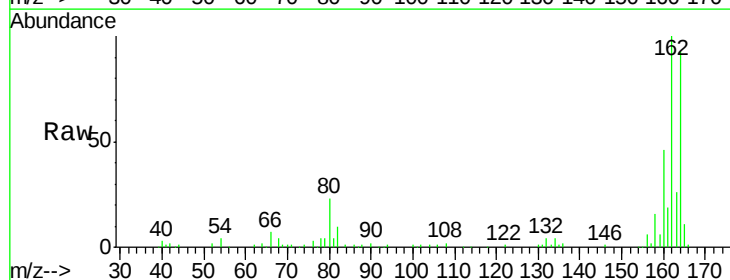
Tgt Ion: 164 Resp: 96241

Ion Ratio Lower Upper

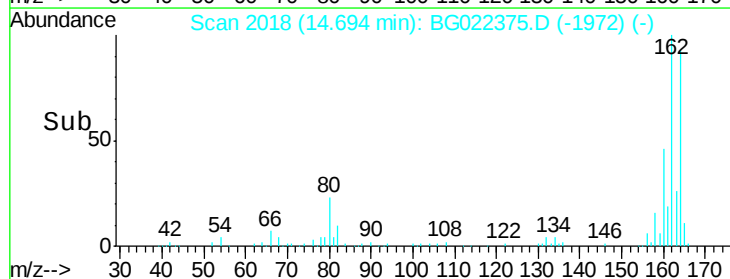
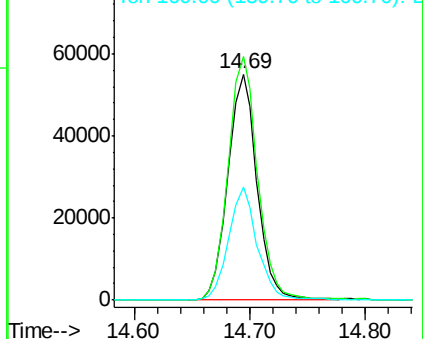
164 100

162 107.7 78.0 117.0

160 49.7 32.9 49.3#



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

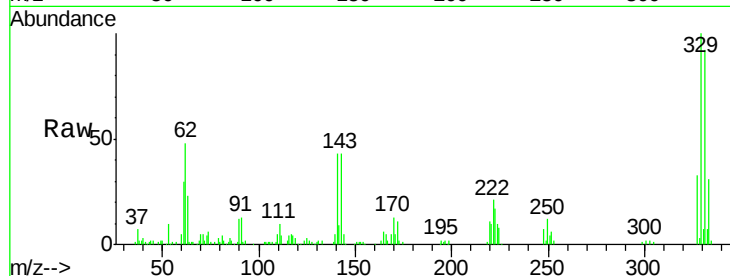




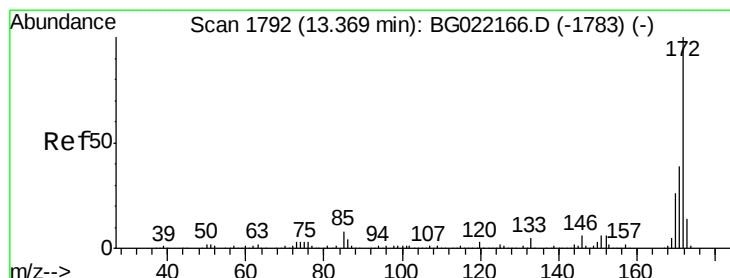
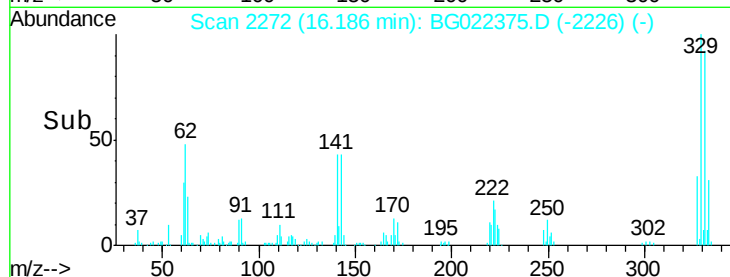
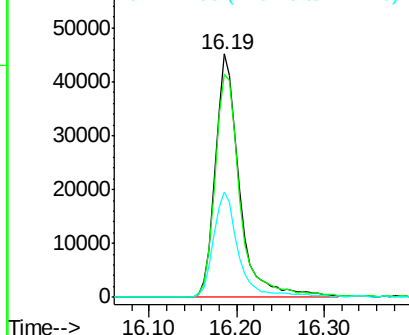
#41
 2,4,6-Tribromophenol
 Concen: 79.86 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022375.D
 Acq: 16 Jun 2016 20:58

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-COMP

Tgt Ion:330 Resp: 86845
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.0 117.0
 141 44.7 33.8 50.8

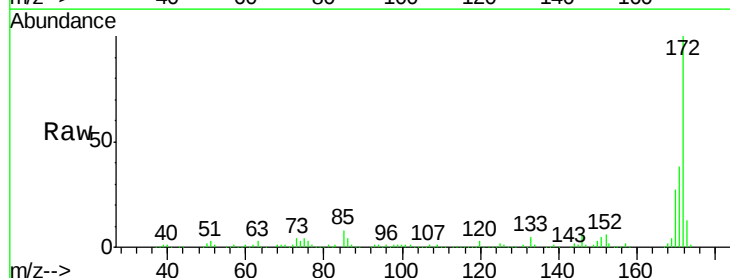


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

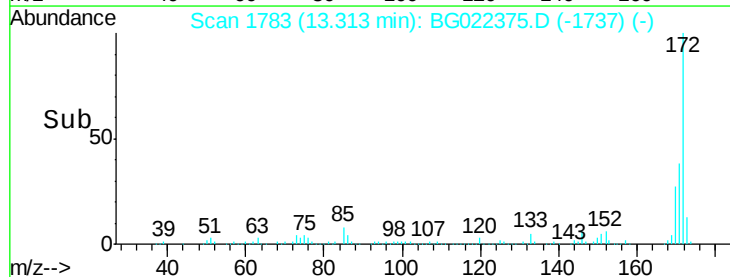
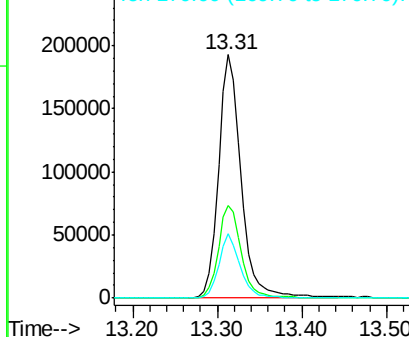


#44
 2-Fluorobiphenyl
 Concen: 56.84 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022375.D
 Acq: 16 Jun 2016 20:58

Tgt Ion:172 Resp: 358931
 Ion Ratio Lower Upper
 172 100
 171 38.2 27.8 41.6
 170 26.5 19.6 29.4



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

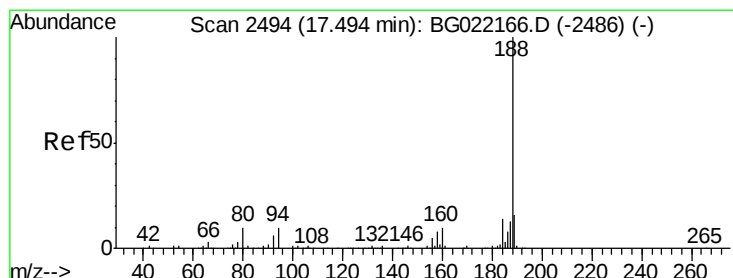
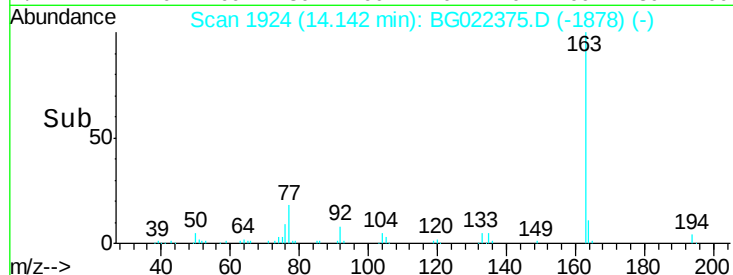
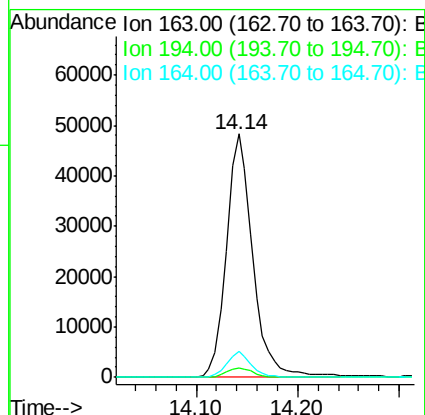
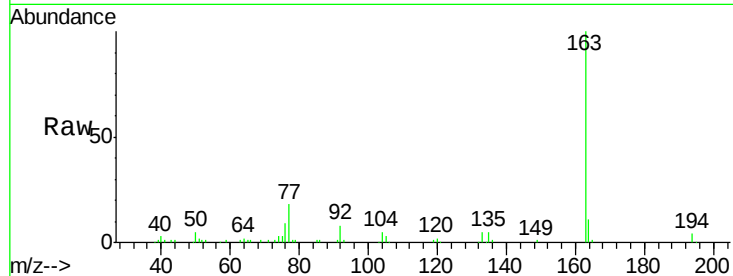




#49
Dimethylphthalate
Concen: 10.89 ng
RT: 14.14 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BG022375.D
Acq: 16 Jun 2016 20:58

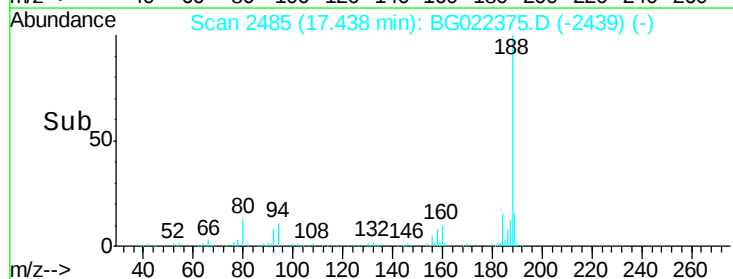
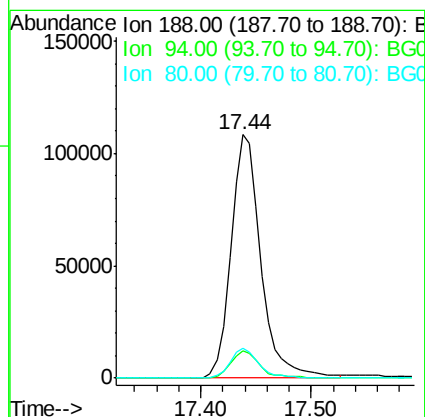
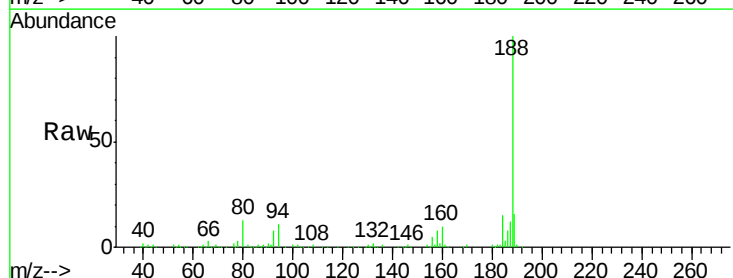
Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

Tgt Ion:163 Resp: 86895
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.7 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022375.D
Acq: 16 Jun 2016 20:58

Tgt Ion:188 Resp: 205019
Ion Ratio Lower Upper
188 100
94 11.2 7.5 11.3
80 12.5 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BG022375.D

Acq: 16 Jun 2016 20:58

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

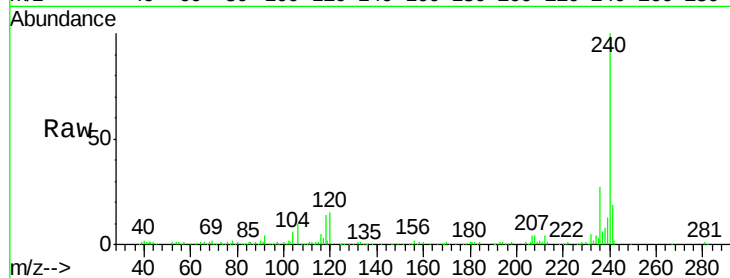
Tgt Ion:240 Resp: 172578

Ion Ratio Lower Upper

240 100

120 14.7 8.4 12.6#

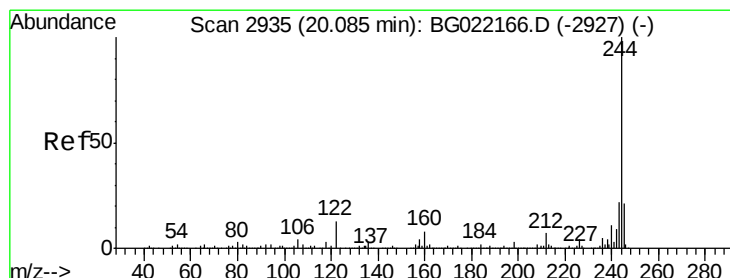
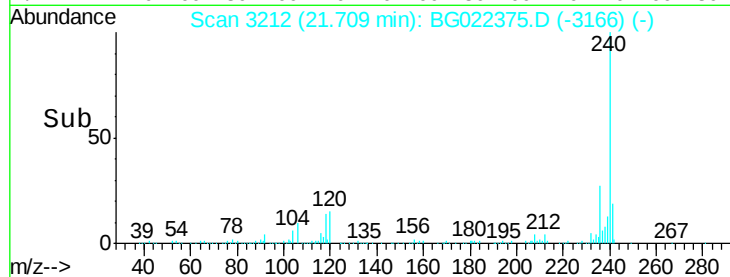
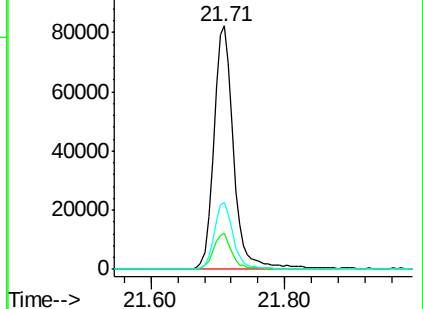
236 27.3 19.6 29.4



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: 58.62 ng

RT: 20.03 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022375.D

Acq: 16 Jun 2016 20:58

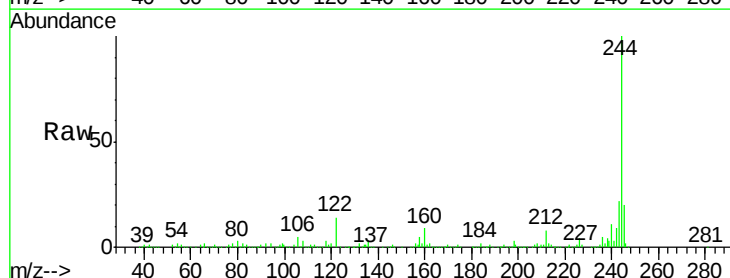
Tgt Ion:244 Resp: 426109

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

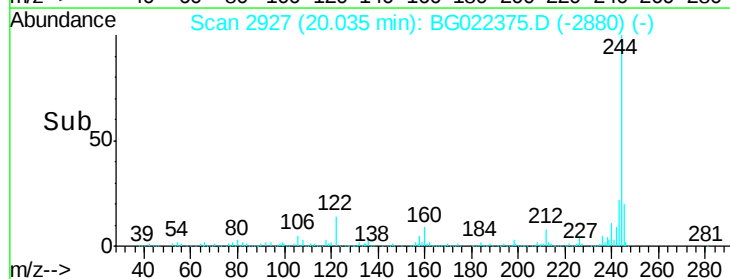
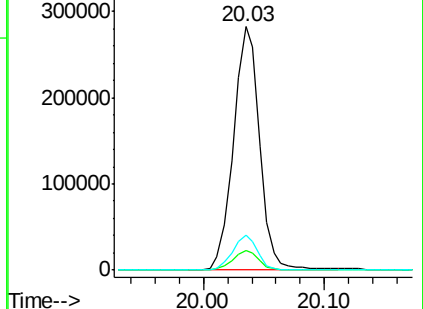
122 14.3 8.6 12.8#

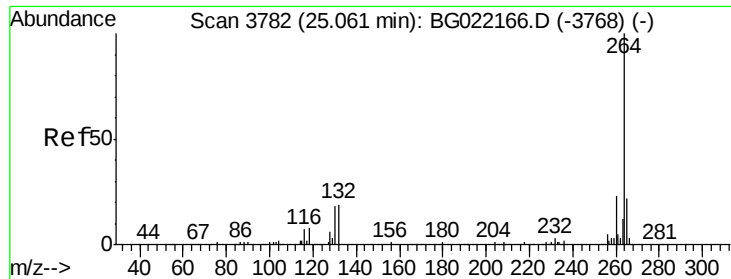


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.96 min Scan# 3765
Delta R.T. -0.05 min
Lab File: BG022375.D
Acq: 16 Jun 2016 20:58

Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

Tgt Ion: 264 Resp: 160175
Ion Ratio Lower Upper
264 100
260 24.6 20.2 30.4
265 20.9 17.8 26.8

