

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022376.D
 Acq On : 16 Jun 2016 21:38
 Operator : UM/SJ
 Sample : H3567-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Quant Time: Jun 17 13:12:19 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

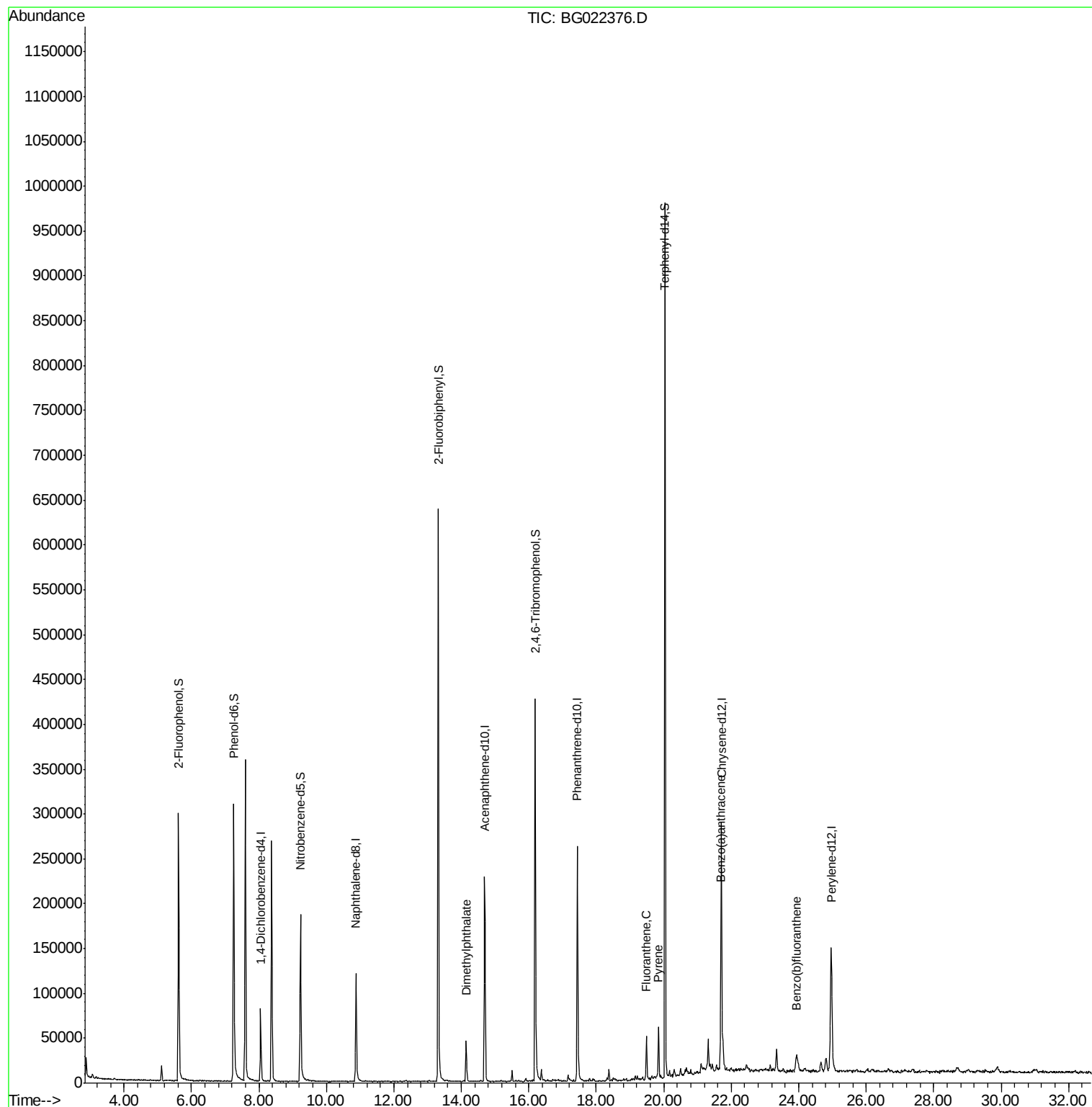
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28834	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	148684	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	93762	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	198252	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	165791	20.00	ng	-0.03
86) Perylene-d12	24.96	264	156762	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	203082	136.18	ng	-0.02
7) Phenol-d6	7.25	99	298185	127.17	ng	0.00
23) Nitrobenzene-d5	9.23	82	161322	75.64	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	99445	93.86	ng	-0.03
44) 2-Fluorobiphenyl	13.32	172	403877	65.64	ng	-0.03
78) Terphenyl-d14	20.03	244	457889	65.57	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	44192	5.68	ng	100
74) Fluoranthene	19.49	202	33193	2.68	ng	99
77) Pyrene	19.85	202	40099	3.89	ng	98
80) Benzo(a)anthracene	21.69	228	24266m	2.61	ng	
87) Benzo(b)fluoranthene	23.93	252	20482m	2.24	ng	

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

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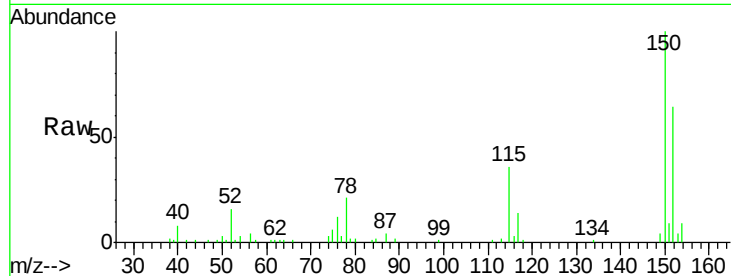


#1

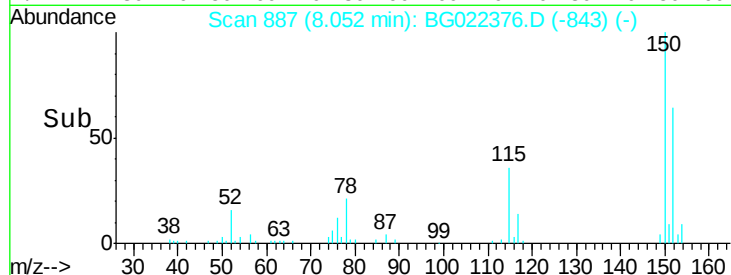
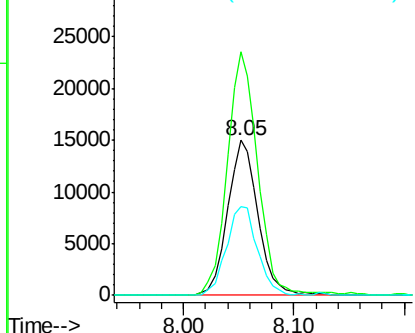
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022376.D
Acq: 16 Jun 2016 21:38

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tot Ion:152 Resp: 28834
Ion Ratio Lower Upper
152 100
150 157.0 130.1 195.1
115 57.1 62.2 93.2#



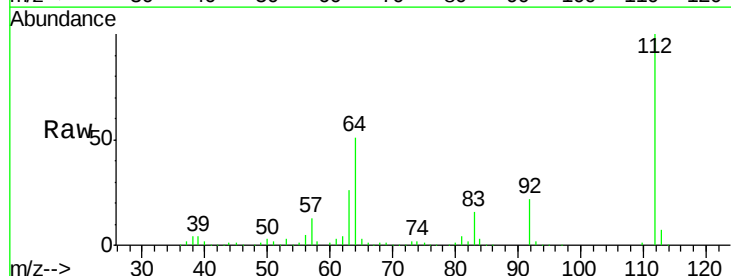
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



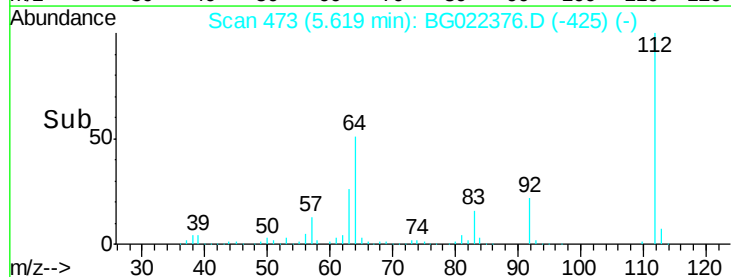
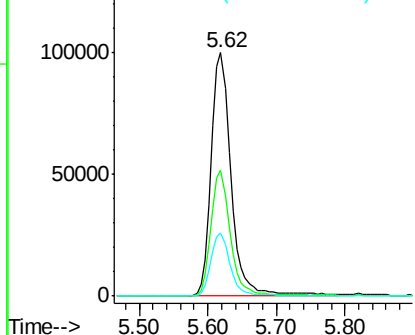
#5

2-Fluorophenol
Concen: 136.18 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022376.D
Acq: 16 Jun 2016 21:38

Tgt Ion:112 Resp: 203082
Ion Ratio Lower Upper
112 100
64 51.5 51.1 76.7
63 25.9 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: 127.17 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG022376.D

Acq: 16 Jun 2016 21:38

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

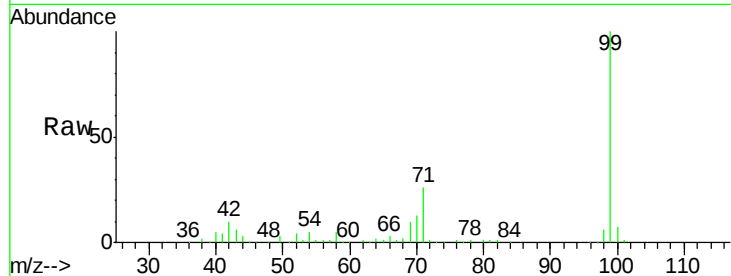
Tot Ion: 99 Resp: 298185

Ion Ratio Lower Upper

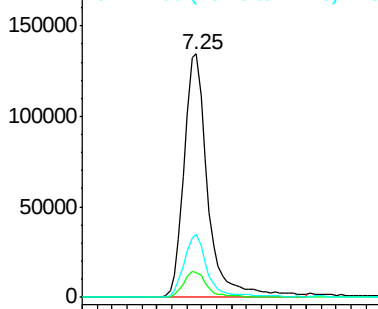
99 100

42 10.4 16.4 24.6#

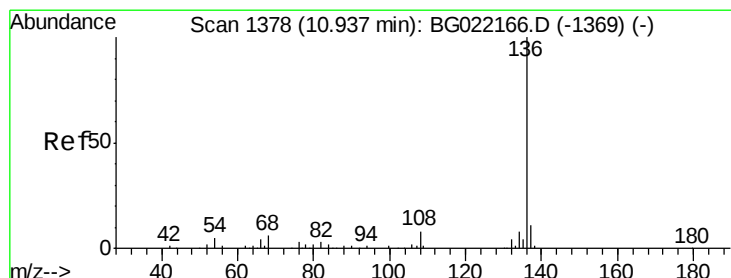
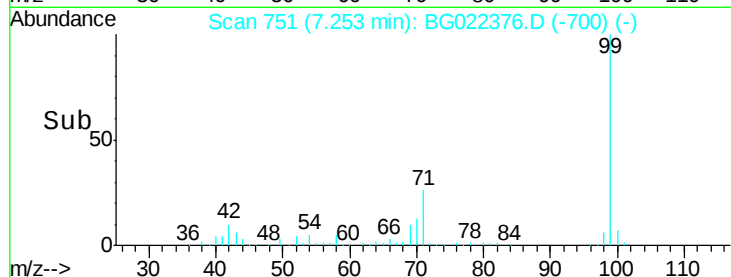
71 25.9 25.0 37.4



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



Time--> 7.10 7.20 7.30 7.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022376.D

Acq: 16 Jun 2016 21:38

Tgt Ion: 136 Resp: 148684

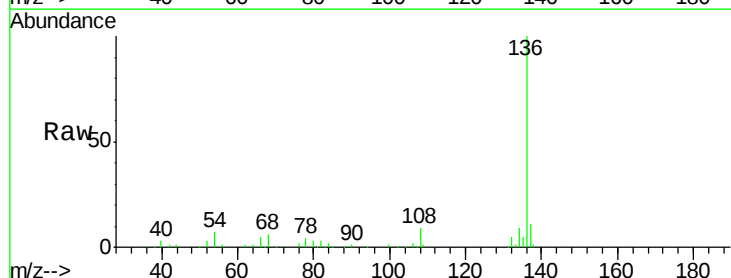
Ion Ratio Lower Upper

136 100

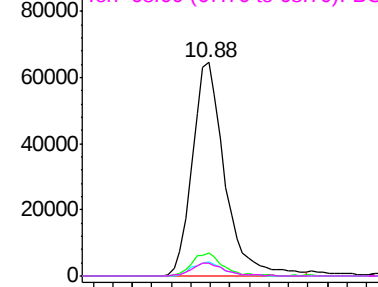
137 11.1 9.0 13.4

54 6.7 9.6 14.4#

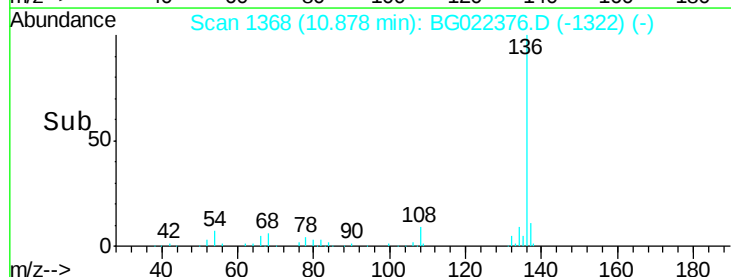
68 5.9 6.4 9.6#



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



Time--> 10.80 10.90 11.00

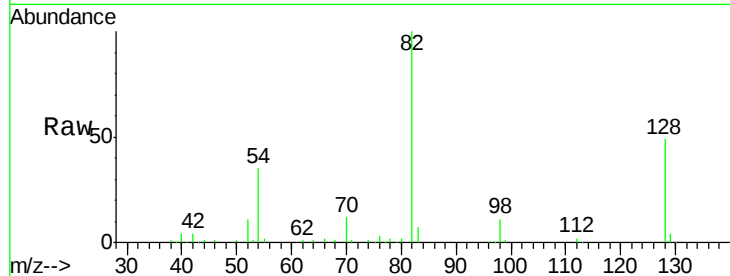




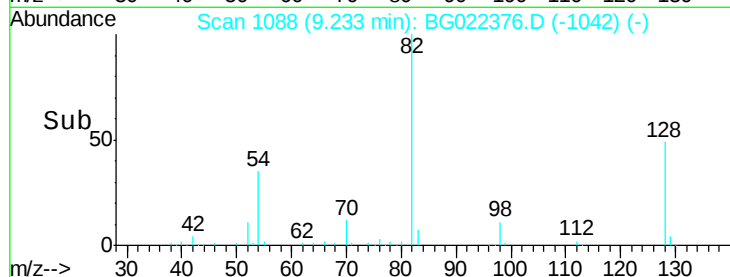
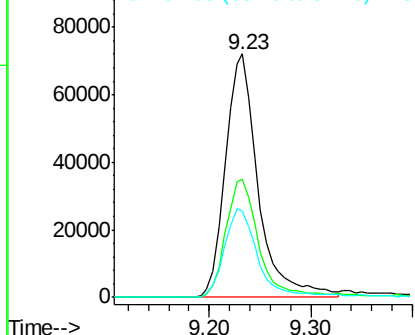
#23
Nitrobenzene-d5
Concen: 75.64 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022376.D
Acq: 16 Jun 2016 21:38

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tot Ion: 82 Resp: 161322
Ion Ratio Lower Upper
82 100
128 48.6 33.4 50.0
54 35.4 46.1 69.1#

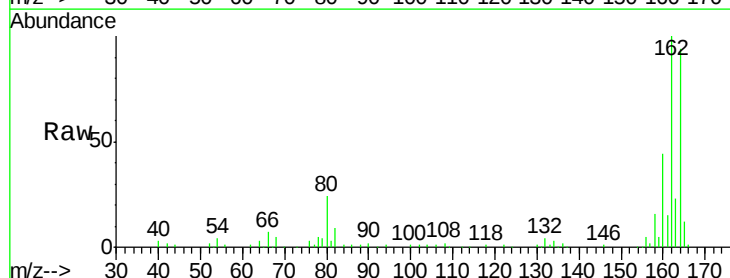


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

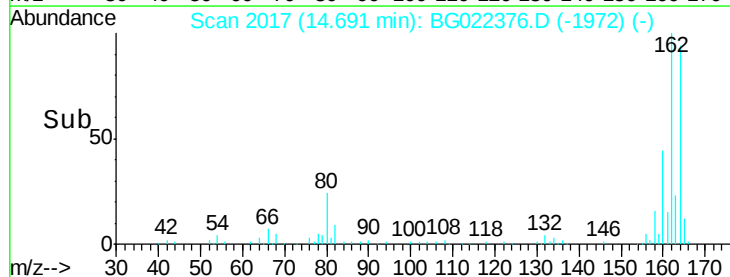
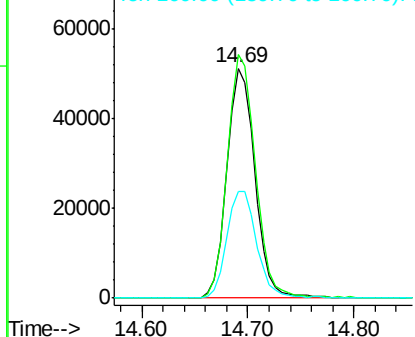


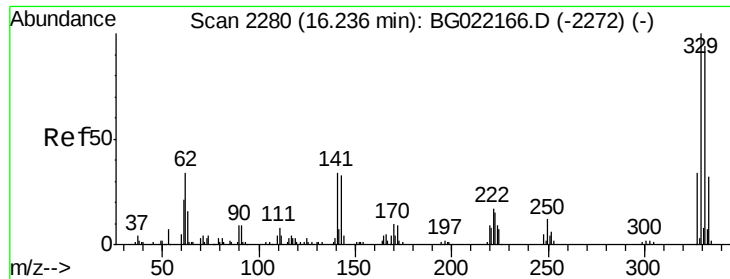
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BG022376.D
Acq: 16 Jun 2016 21:38

Tgt Ion:164 Resp: 93762
Ion Ratio Lower Upper
164 100
162 105.9 78.0 117.0
160 46.6 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

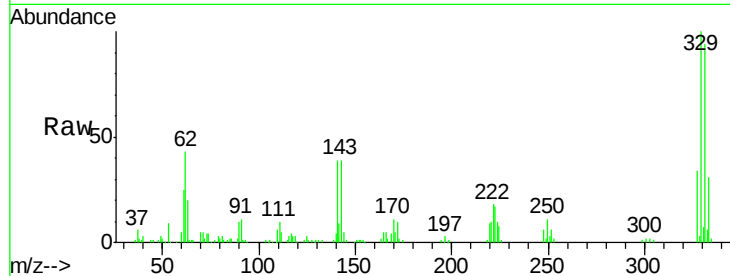




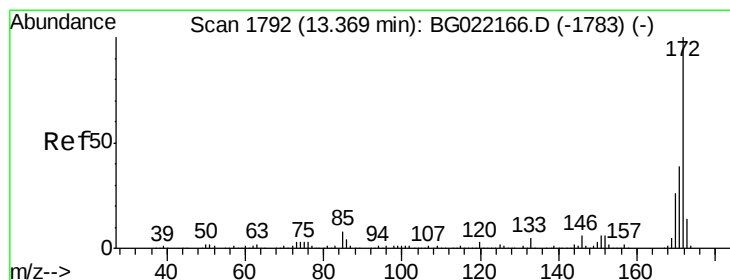
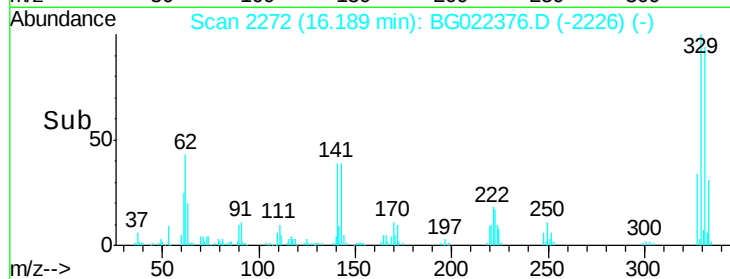
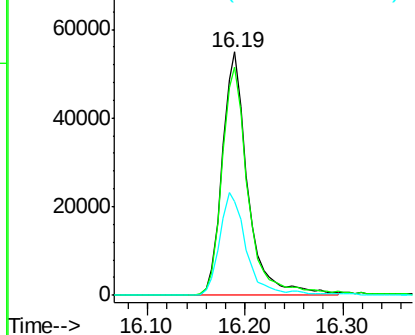
#41
 2,4,6-Tribromophenol
 Concen: 93.86 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022376.D
 Acq: 16 Jun 2016 21:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMP

Tot Ion	330	332	141
Resp:	99445		
Ion Ratio	100	96.9	45.2
Lower		78.0	33.8
Upper		117.0	50.8

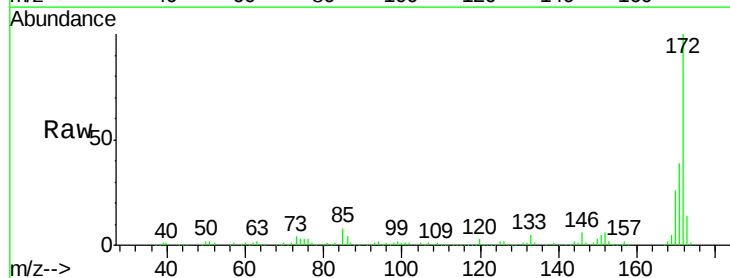


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

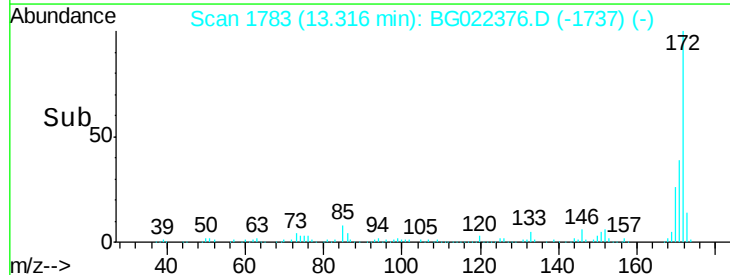
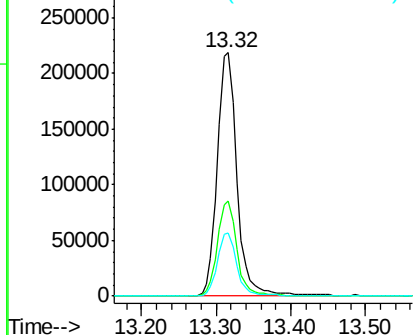


#44
 2-Fluorobiphenyl
 Concen: 65.64 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022376.D
 Acq: 16 Jun 2016 21:38

Tgt Ion	172	171	170
Resp:	403877		
Ion Ratio	100	39.0	25.7
Lower		27.8	19.6
Upper		41.6	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

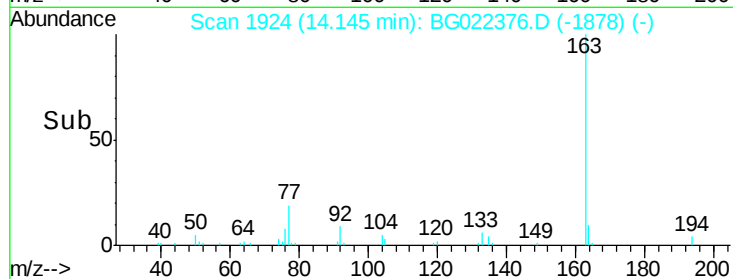
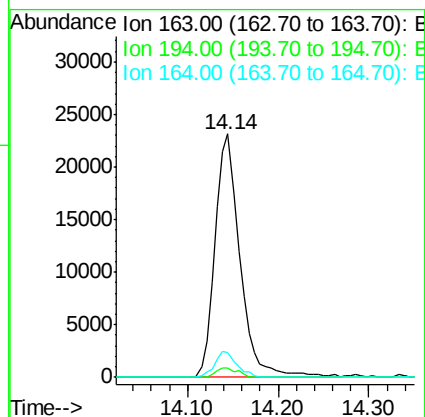
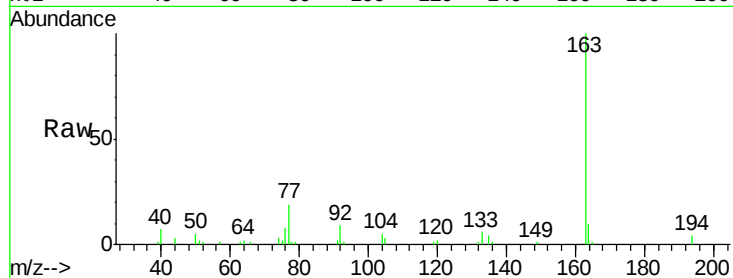




#49
Dimethylphthalate
Concen: 5.68 ng
RT: 14.14 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BG022376.D
Acq: 16 Jun 2016 21:38

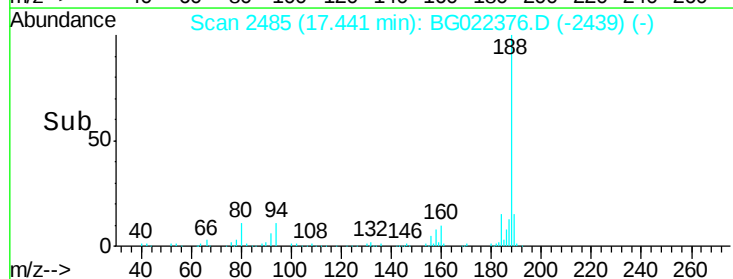
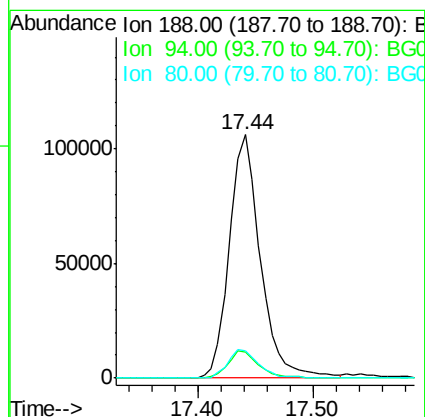
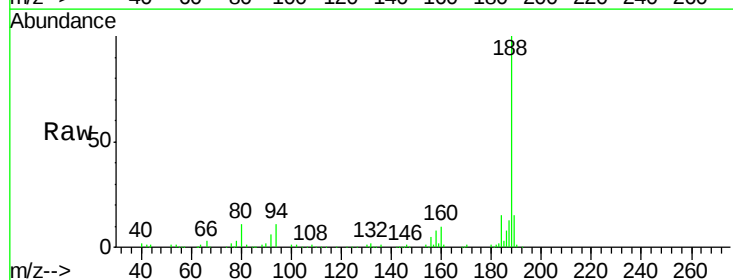
Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

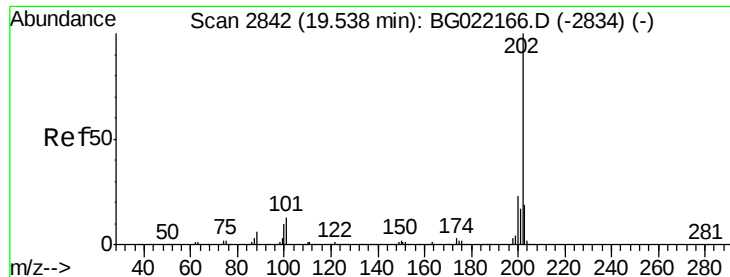
Tot Ion:163 Resp: 44192
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.1 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022376.D
Acq: 16 Jun 2016 21:38

Tgt Ion:188 Resp: 198252
Ion Ratio Lower Upper
188 100
94 10.9 7.5 11.3
80 11.2 8.6 13.0





#74

Fluoranthene

Concen: 2.68 ng

RT: 19.49 min Scan# 2833

Delta R.T. -0.03 min

Lab File: BG022376.D

Acq: 16 Jun 2016 21:38

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

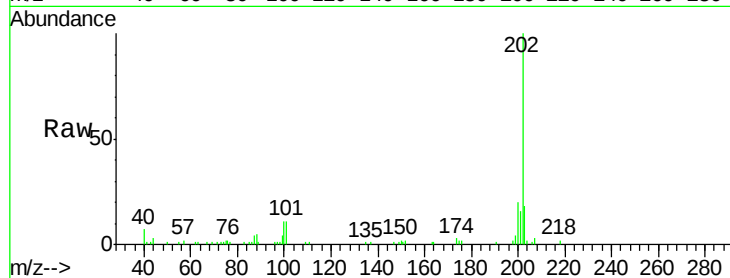
Tot Ion:202 Resp: 33193

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.0

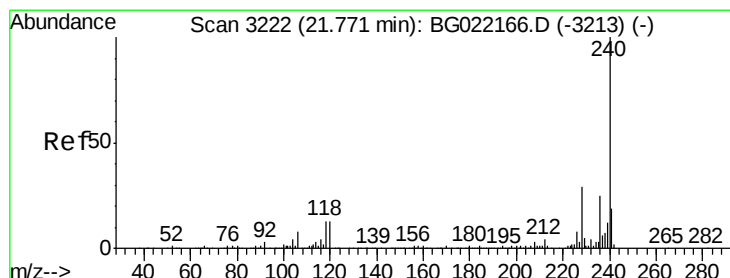
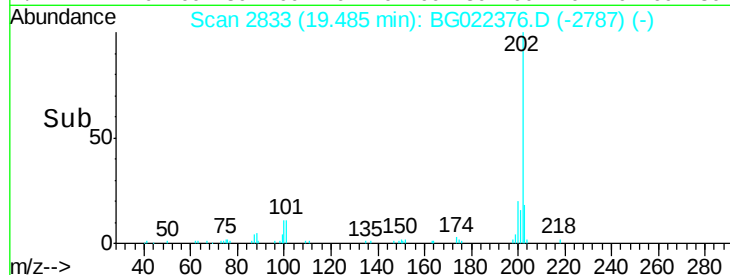
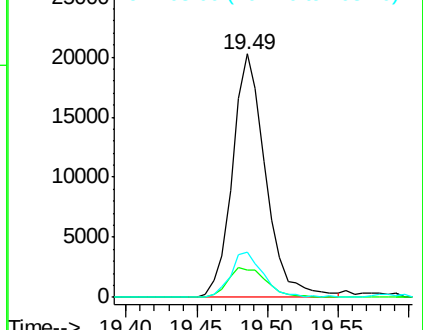
203 18.3 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.71 min Scan# 3211

Delta R.T. -0.03 min

Lab File: BG022376.D

Acq: 16 Jun 2016 21:38

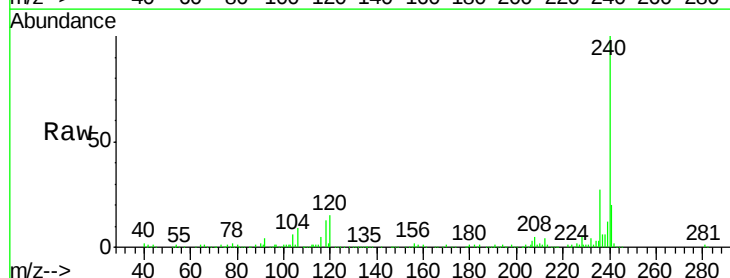
Tgt Ion:240 Resp: 165791

Ion Ratio Lower Upper

240 100

120 14.6 8.4 12.6#

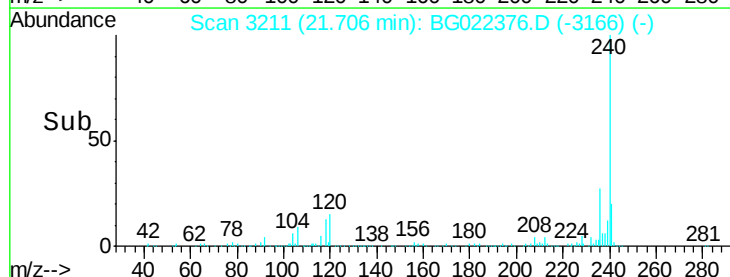
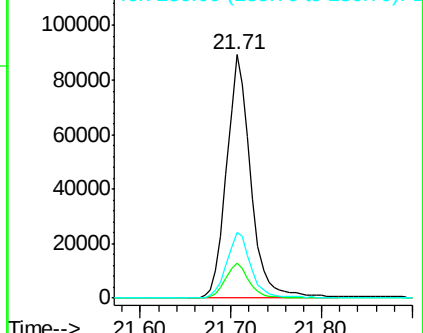
236 27.2 19.6 29.4

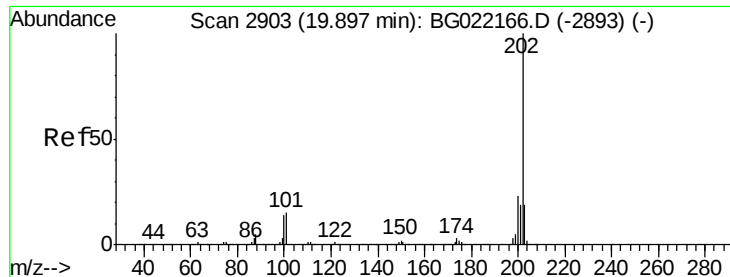


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.89 ng

RT: 19.85 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG022376.D

Acq: 16 Jun 2016 21:38

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

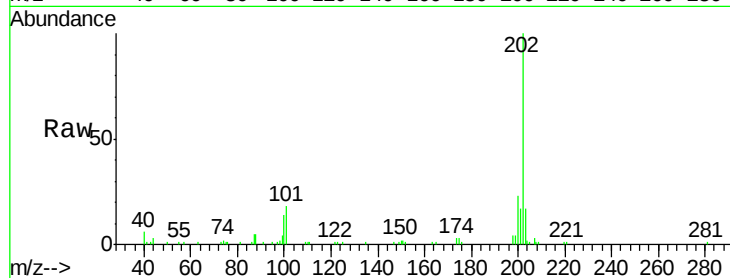
Tot Ion:202 Resp: 40099

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

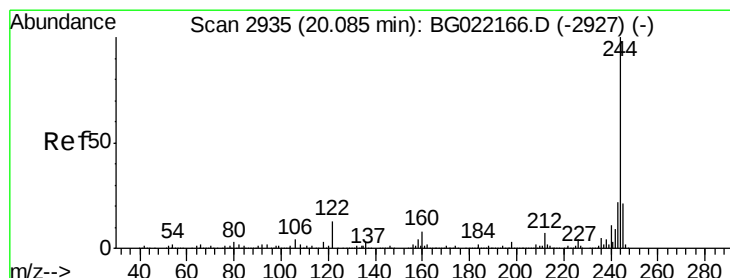
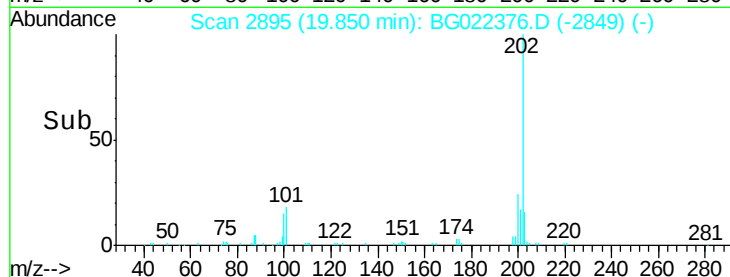
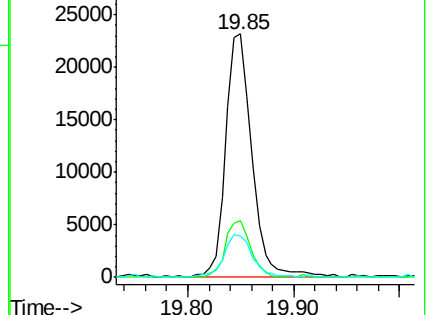
203 16.9 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.57 ng

RT: 20.03 min Scan# 2926

Delta R.T. -0.03 min

Lab File: BG022376.D

Acq: 16 Jun 2016 21:38

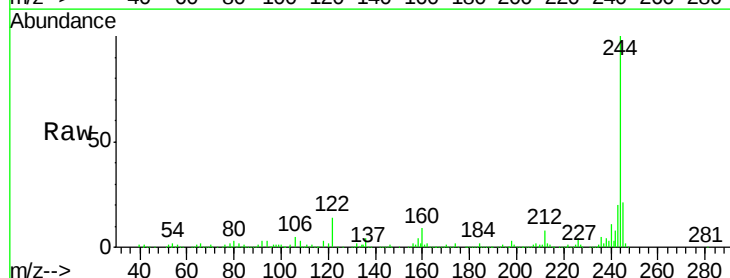
Tgt Ion:244 Resp: 457889

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

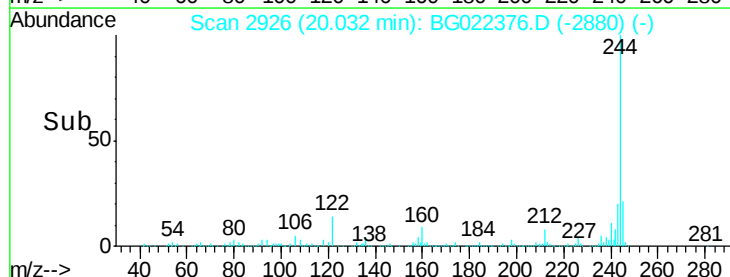
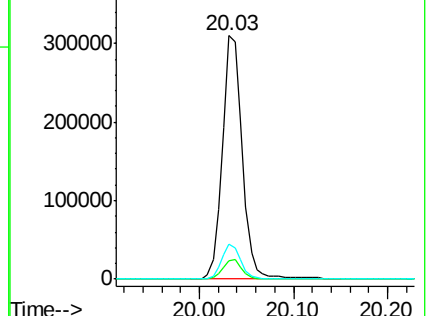
122 14.2 8.6 12.8#

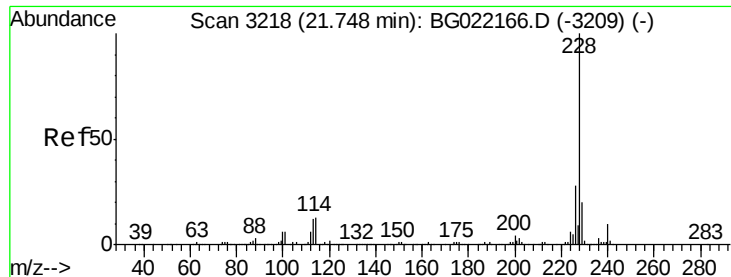


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

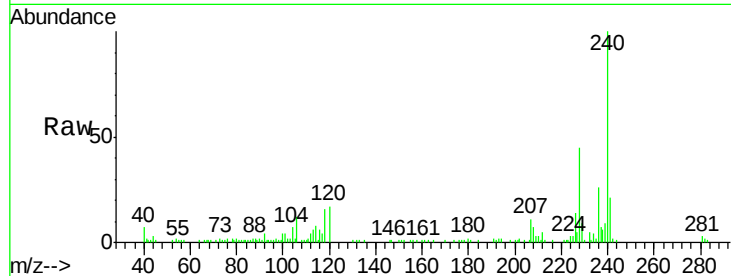




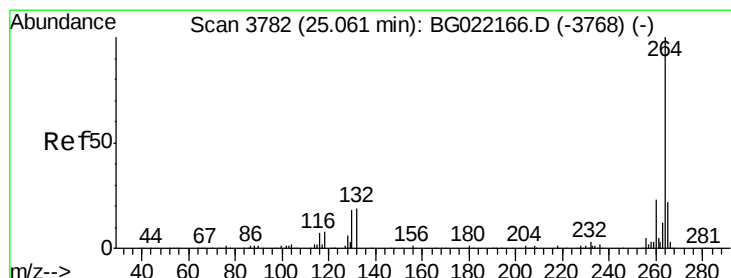
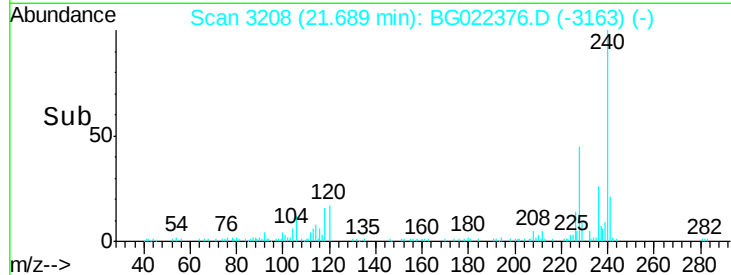
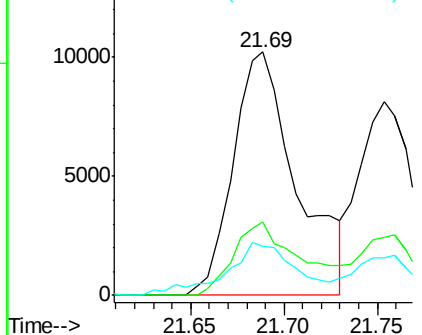
#80
Benzo(a)anthracene
Concen: 2.61 ng
RT: 21.69 min Scan# 3208
Delta R.T. -0.03 min
Lab File: BG022376.D
Acq: 16 Jun 2016 21:38

Instrument :
BNA_G
ClientSampleId :
SB-04-COMP

Tot Ion:228	Resp:	24266
Ion Ratio	Lower	Upper
228	100	
226	30.2	22.6 34.0
229	20.3	16.1 24.1

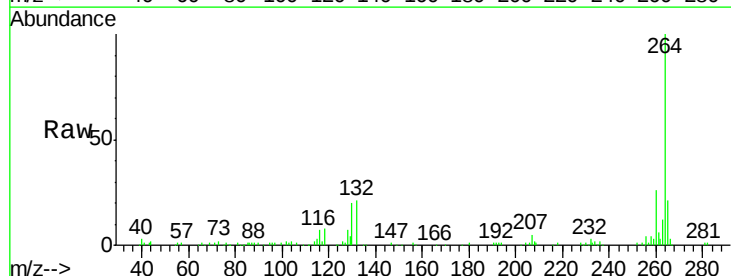


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

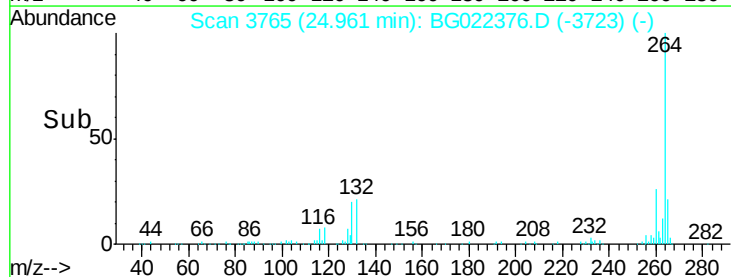
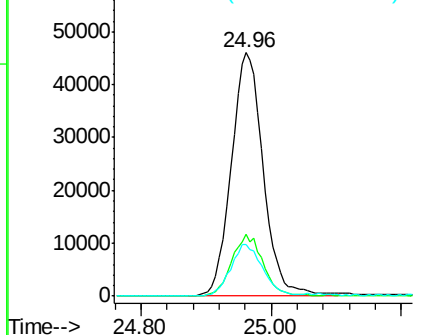


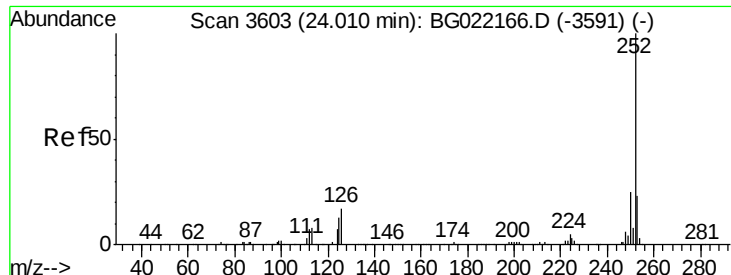
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.96 min Scan# 3765
Delta R.T. -0.05 min
Lab File: BG022376.D
Acq: 16 Jun 2016 21:38

Tgt Ion:264	Resp:	156762
Ion Ratio	Lower	Upper
264	100	
260	25.6	20.2 30.4
265	21.0	17.8 26.8



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





#87

Benzo(b)fluoranthene

Concen: 2.24 ng m

RT: 23.93 min Scan# 3590

Delta R.T. -0.03 min

Lab File: BG022376.D

Acq: 16 Jun 2016 21:38

Instrument :

BNA_G

ClientSampleId :

SB-04-COMP

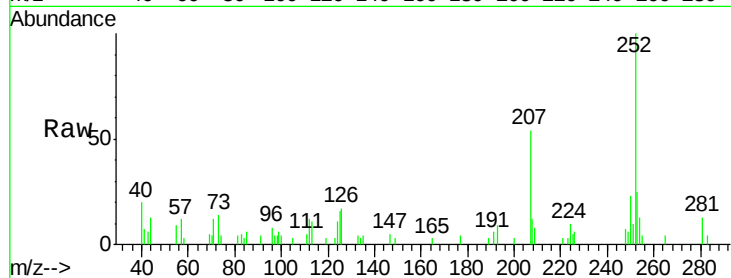
Tot Ion:252 Resp: 20482

Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

125 15.6 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

