

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
 Data File : BG022390.D
 Acq On : 17 Jun 2016 7:00
 Operator : UM/SJ
 Sample : H3569-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-COMP

Quant Time: Jun 17 07:52:37 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

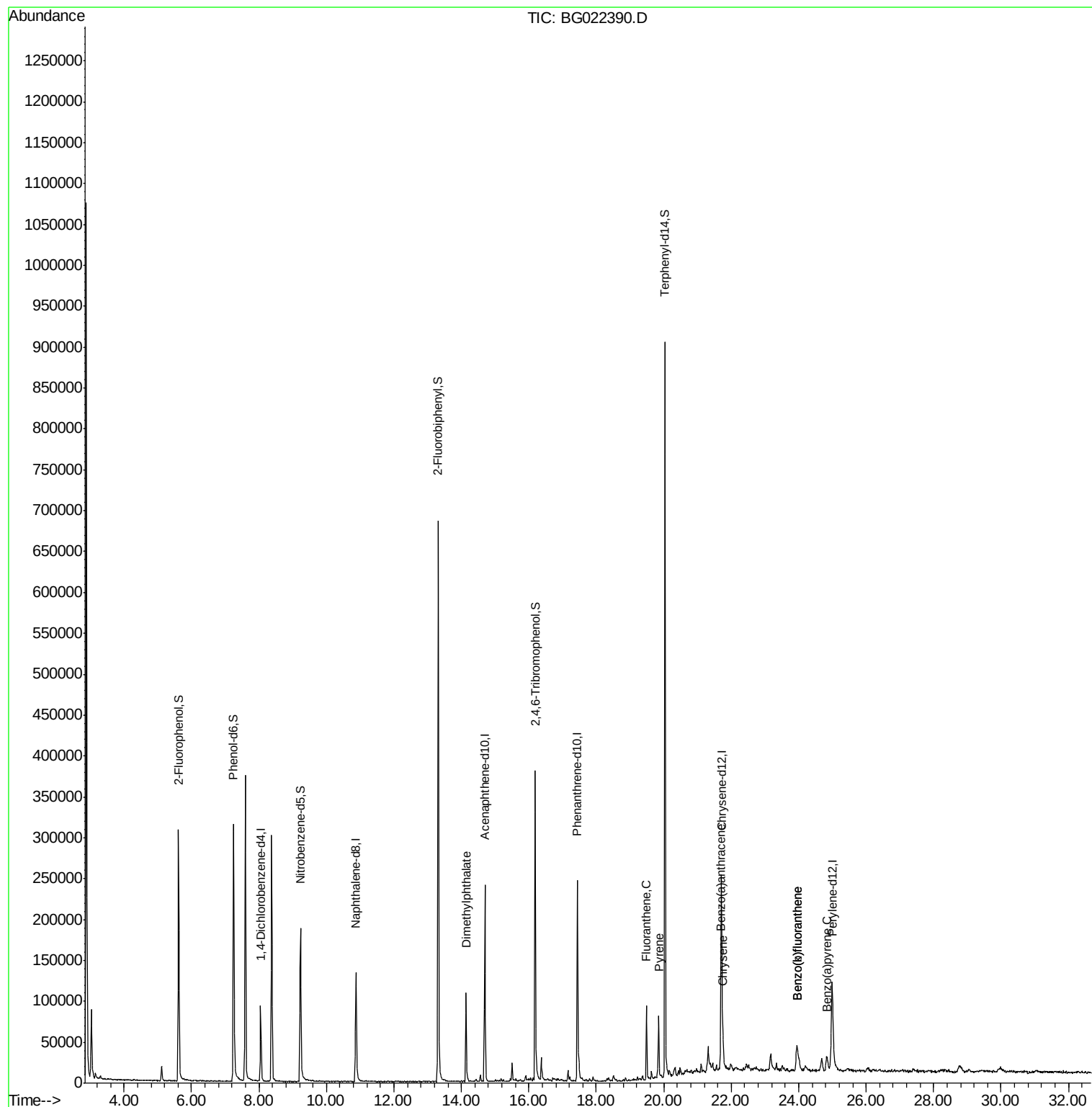
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33877	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	164648	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	96206	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	185062	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	154772	20.00	ng	-0.03
86) Perylene-d12	25.00	264	142081	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	207994	118.71	ng	-0.02
7) Phenol-d6	7.24	99	298137	108.22	ng	0.00
23) Nitrobenzene-d5	9.23	82	168972	71.55	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	84544	77.77	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	422466	66.92	ng	-0.03
78) Terphenyl-d14	20.03	244	432557	66.35	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	100345	12.58	ng	99
74) Fluoranthene	19.49	202	66206	5.73	ng	96
77) Pyrene	19.85	202	51519	5.35	ng	99
80) Benzo(a)anthracene	21.69	228	25712	2.96	ng	97
82) Chrysene	21.75	228	25394	3.01	ng	97
87) Benzo(b)fluoranthene	23.95	252	49019	5.92	ng	# 94
88) Benzo(k)fluoranthene	23.95	252	49019	6.01	ng	# 93
89) Benzo(a)pyrene	24.84	252	20327	2.57	ng	# 93

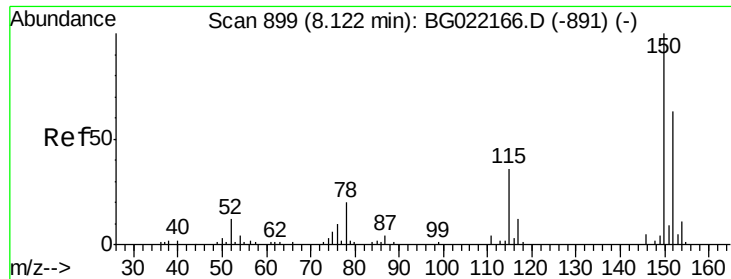
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
Data File : BG022390.D
Acq On : 17 Jun 2016 7:00
Operator : UM/SJ
Sample : H3569-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-COMP

Quant Time: Jun 17 07:52:37 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.04 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

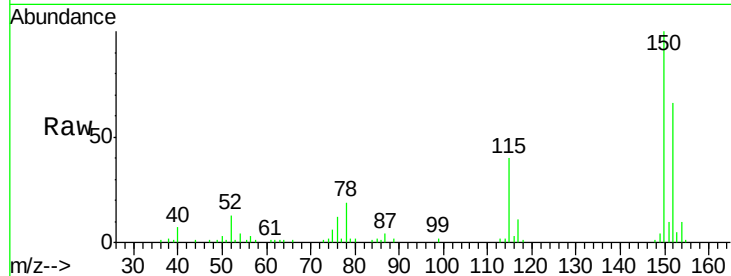
Tgt Ion:152 Resp: 33877

Ion Ratio Lower Upper

152 100

150 152.6 130.1 195.1

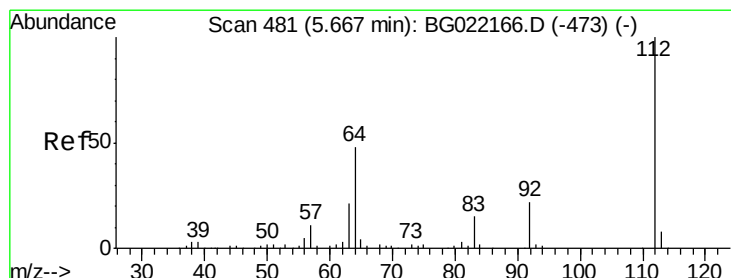
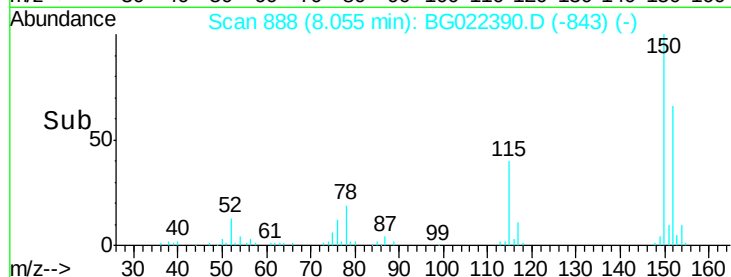
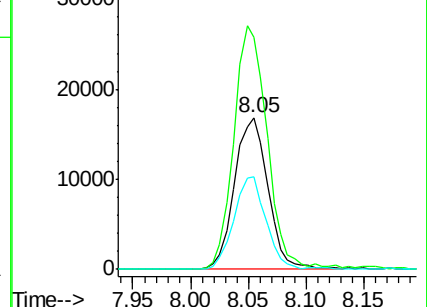
115 60.8 62.2 93.2#



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: 118.71 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

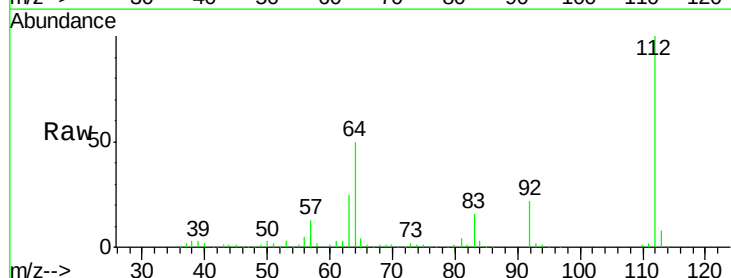
Tgt Ion:112 Resp: 207994

Ion Ratio Lower Upper

112 100

64 50.1 51.1 76.7#

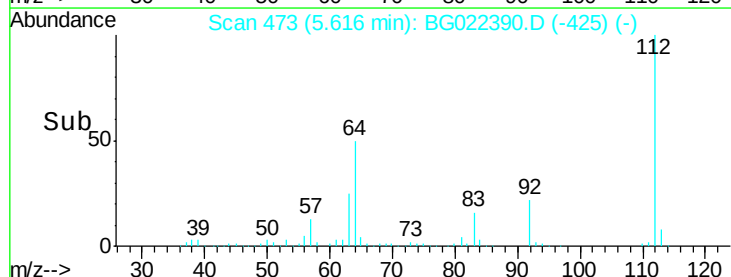
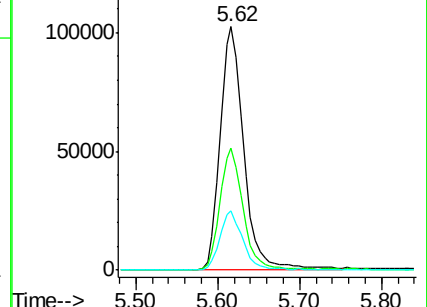
63 24.5 24.6 37.0#

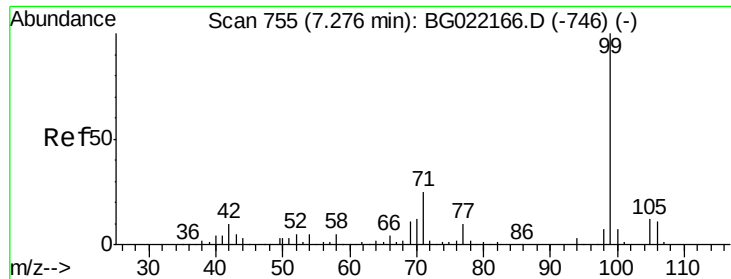


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.22 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

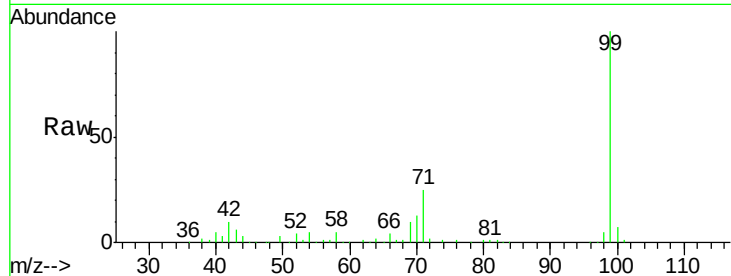
Tgt Ion: 99 Resp: 298137

Ion Ratio Lower Upper

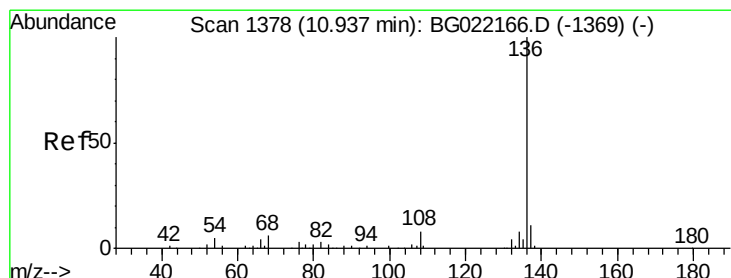
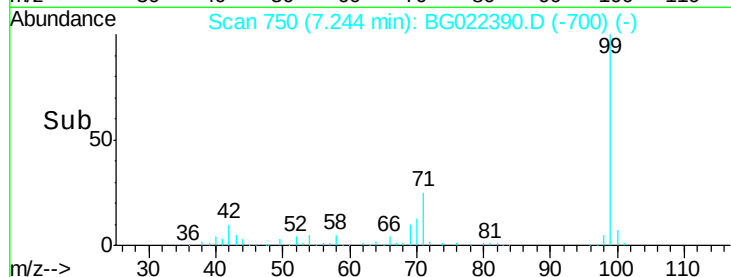
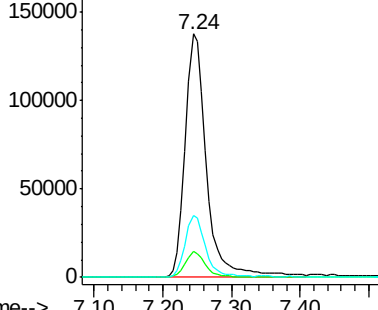
99 100

42 10.4 16.4 24.6#

71 25.4 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: 10.88 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

Tgt Ion: 136 Resp: 164648

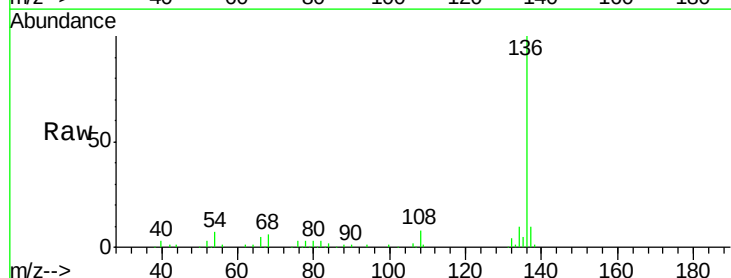
Ion Ratio Lower Upper

136 100

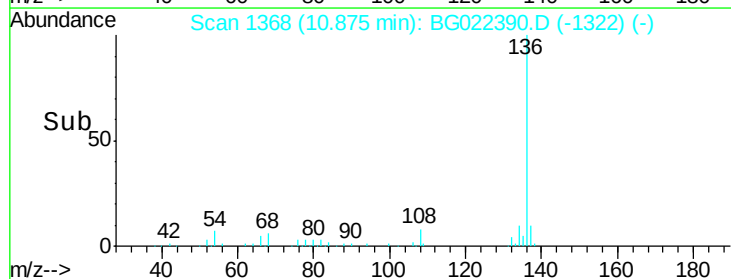
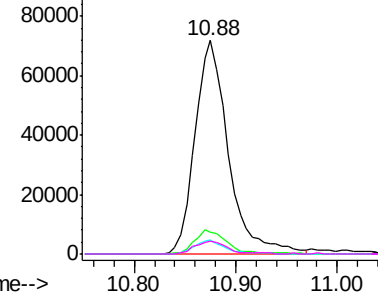
137 10.0 9.0 13.4

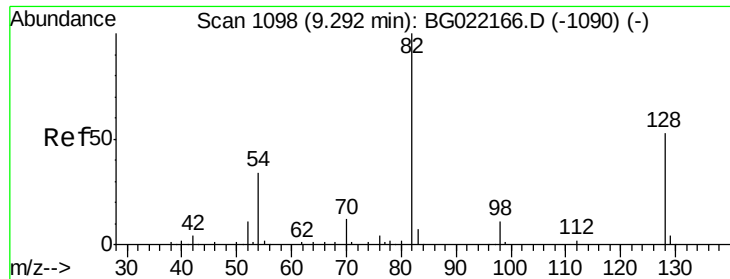
54 6.8 9.6 14.4#

68 5.8 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

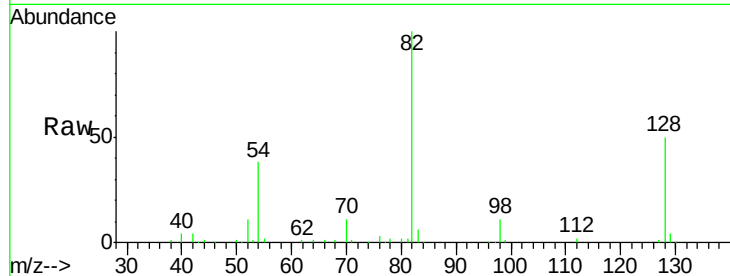




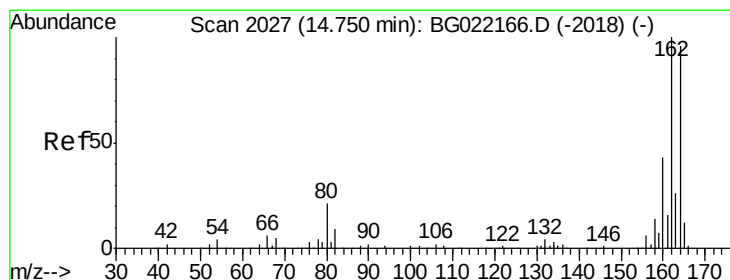
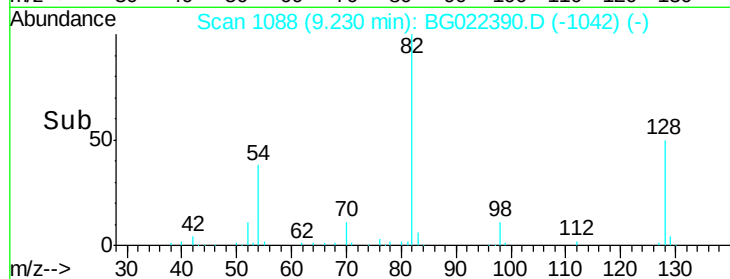
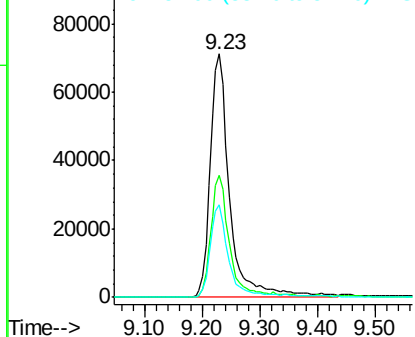
#23
 Nitrobenzene-d5
 Concen: 71.55 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BG022390.D
 Acq: 17 Jun 2016 7:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-COMP

Tgt Ion: 82 Resp: 168972
 Ion Ratio Lower Upper
 82 100
 128 49.9 33.4 50.0
 54 38.0 46.1 69.1#

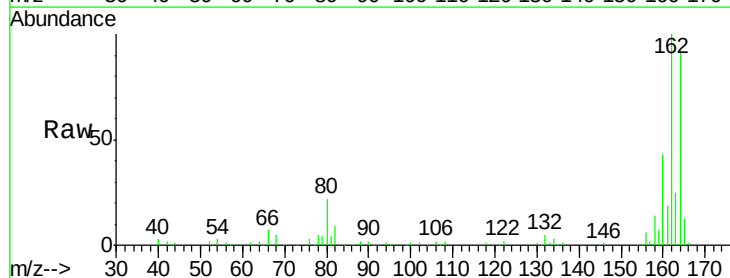


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

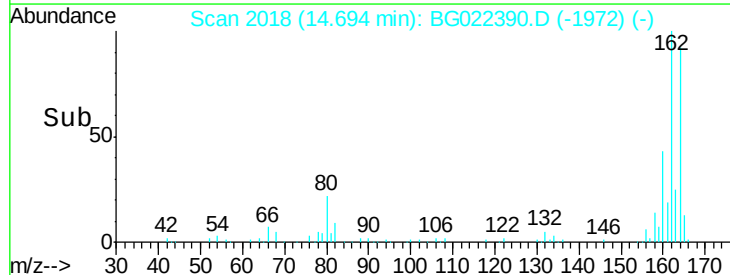
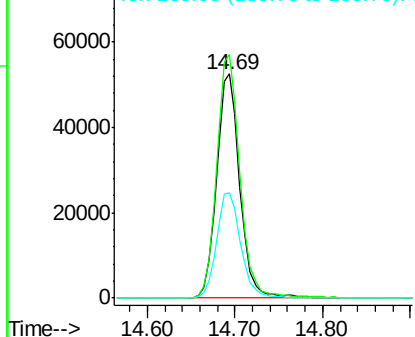


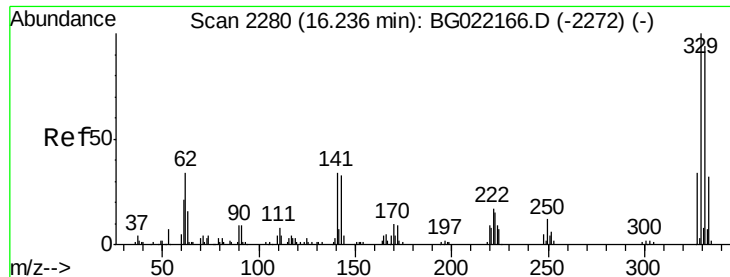
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 2018
 Delta R.T. -0.03 min
 Lab File: BG022390.D
 Acq: 17 Jun 2016 7:00

Tgt Ion: 164 Resp: 96206
 Ion Ratio Lower Upper
 164 100
 162 108.7 78.0 117.0
 160 47.2 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

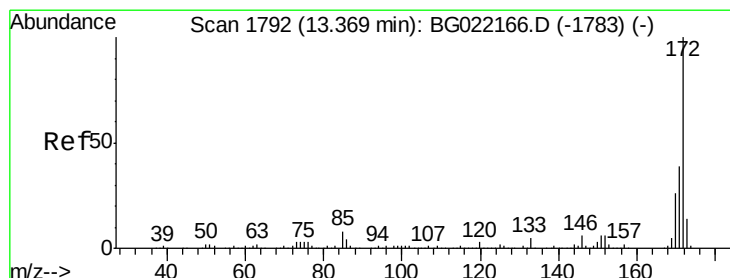
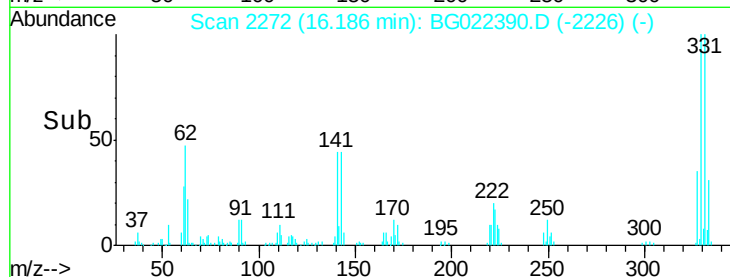
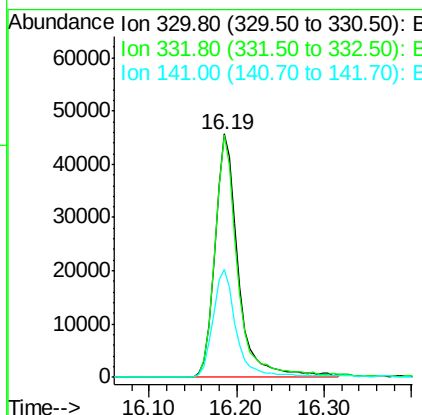
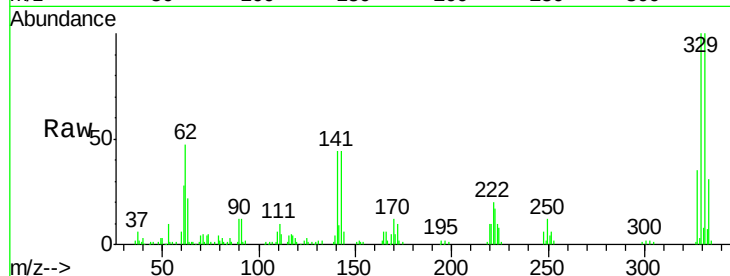




#41
 2,4,6-Tribromophenol
 Concen: 77.77 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022390.D
 Acq: 17 Jun 2016 7:00

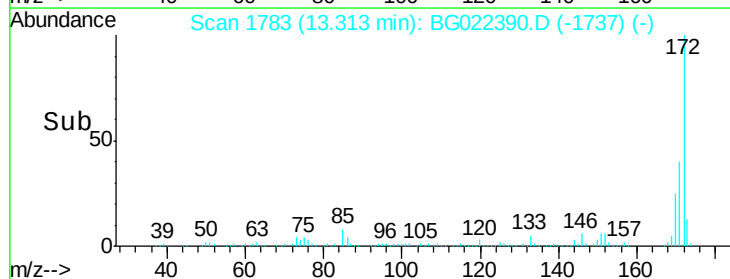
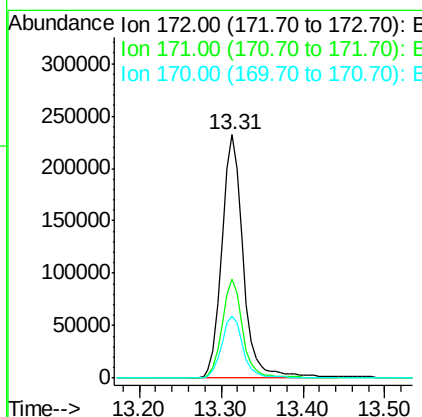
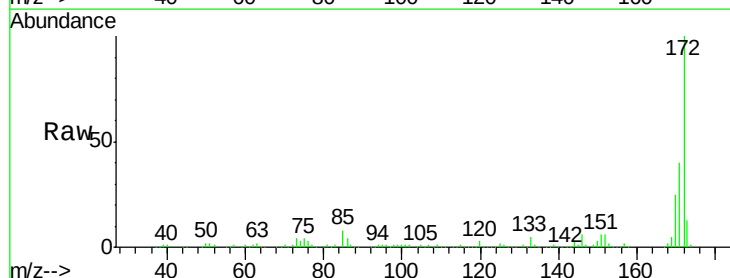
Instrument :
 BNA_G
 ClientSampleId :
 SB-05-COMP

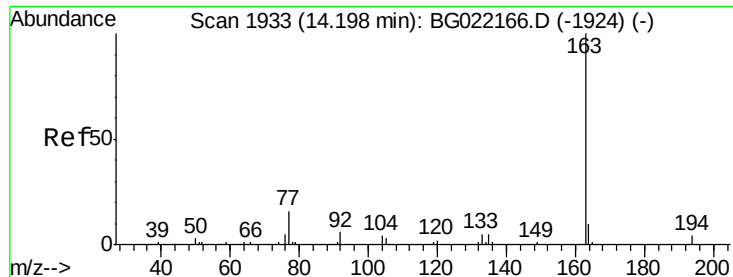
Tgt Ion:330 Resp: 84544
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.0 117.0
 141 42.8 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 66.92 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022390.D
 Acq: 17 Jun 2016 7:00

Tgt Ion:172 Resp: 422466
 Ion Ratio Lower Upper
 172 100
 171 40.5 27.8 41.6
 170 25.2 19.6 29.4





#49

Dimethylphthalate

Concen: 12.58 ng

RT: 14.14 min Scan# 1923

Delta R.T. -0.04 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

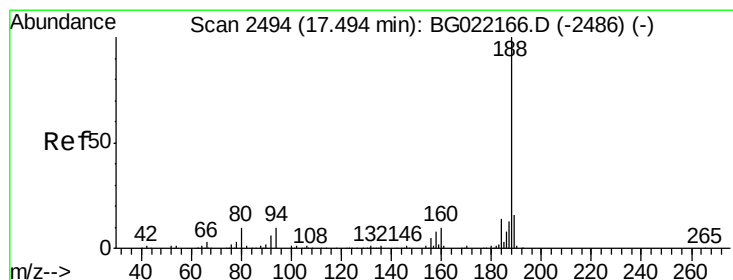
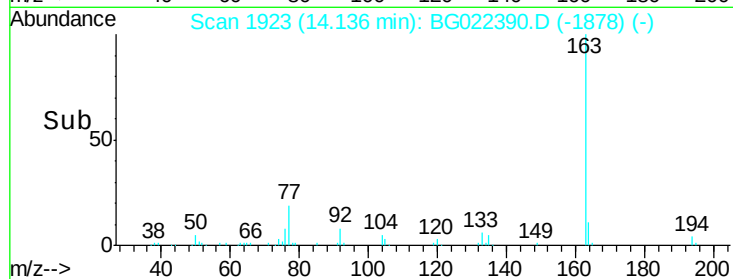
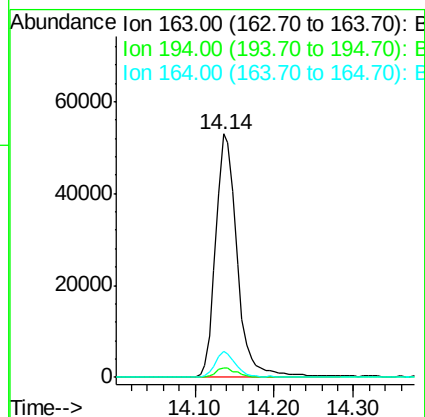
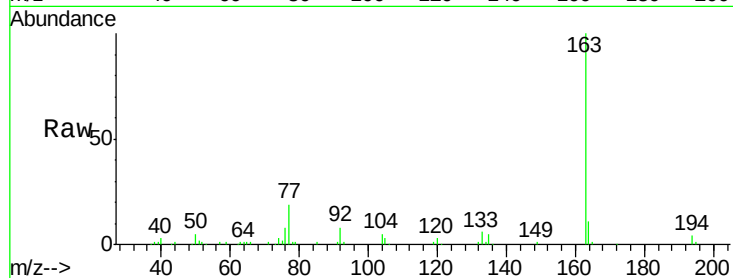
Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

Tgt Ion:	163	Resp:	100345
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	10.7	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

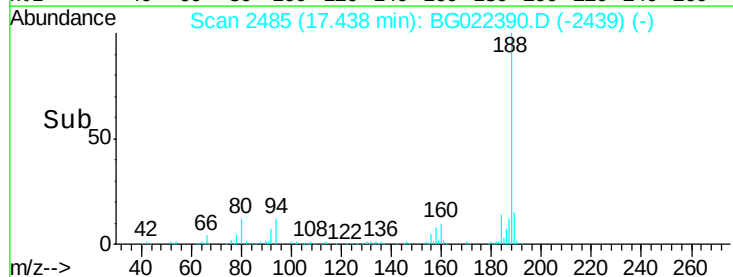
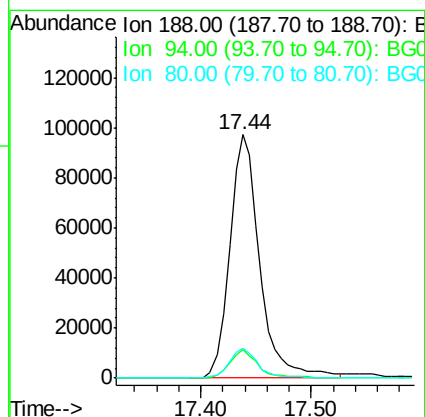
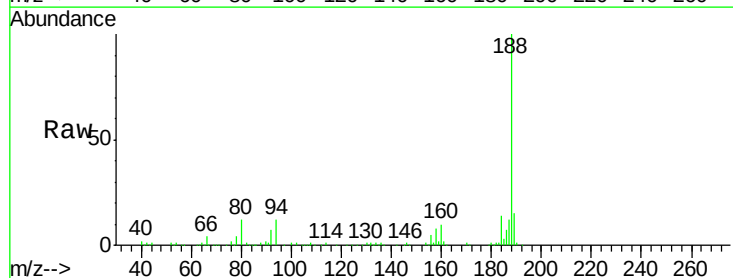
RT: 17.44 min Scan# 2485

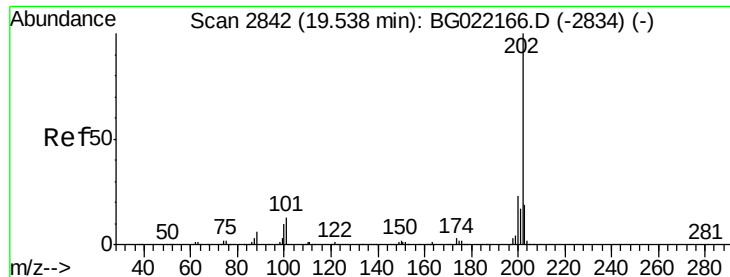
Delta R.T. -0.03 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

Tgt Ion:	188	Resp:	185062
Ion Ratio	Lower	Upper	
188	100		
94	11.6	7.5	11.3#
80	12.1	8.6	13.0





#74

Fluoranthene

Concen: 5.73 ng

RT: 19.49 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

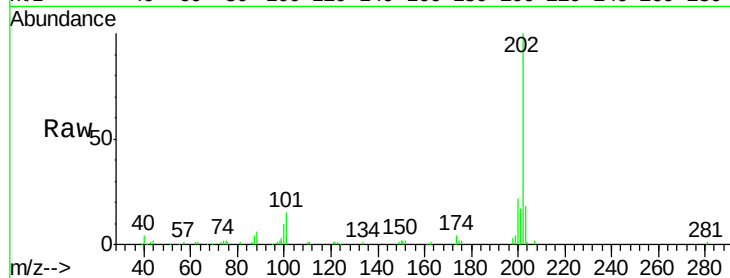
Tgt Ion:202 Resp: 66206

Ion Ratio Lower Upper

202 100

101 14.6 0.0 31.0

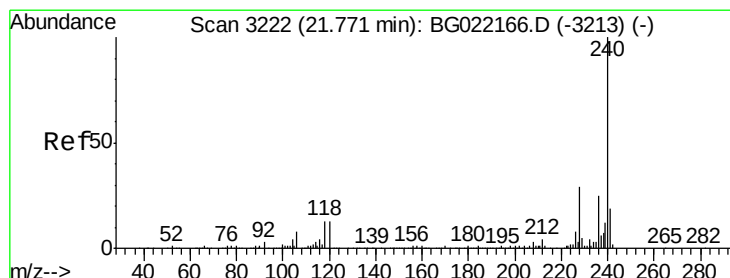
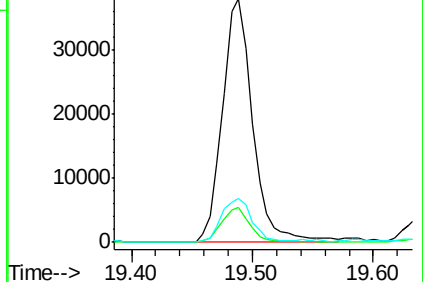
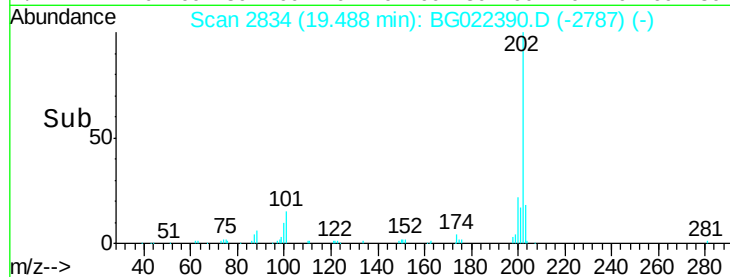
203 18.2 0.0 37.9



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# 3212

Delta R.T. -0.03 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

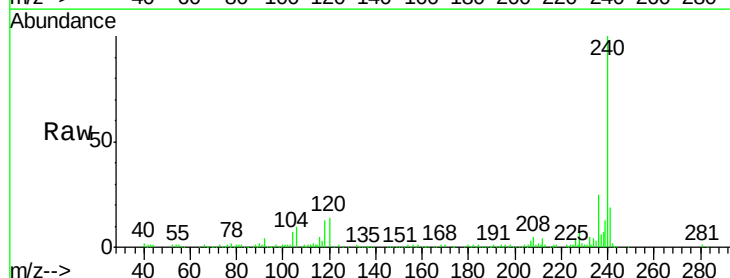
Tgt Ion:240 Resp: 154772

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

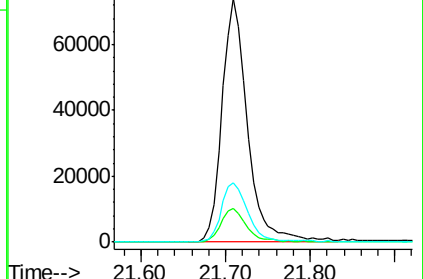
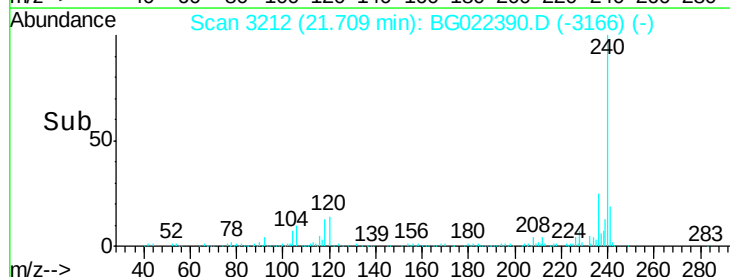
236 24.6 19.6 29.4

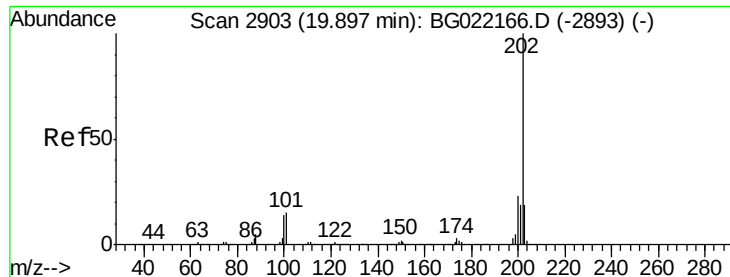


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

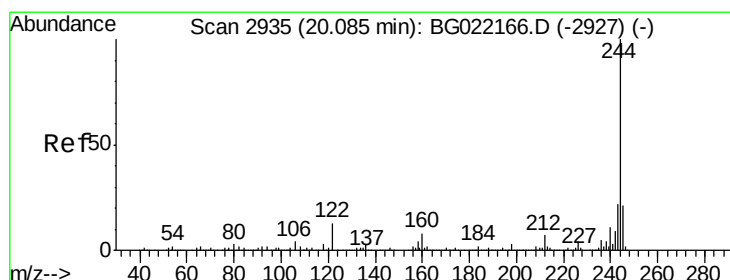
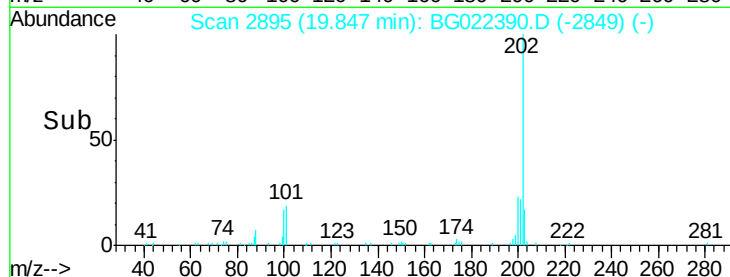
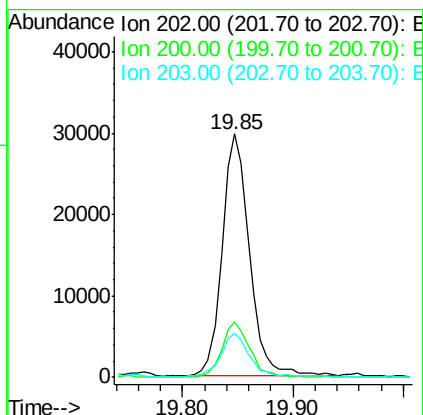
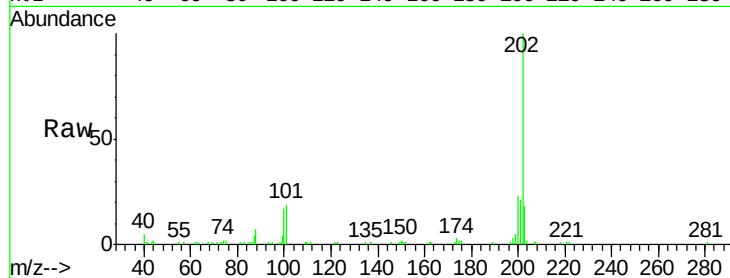




#77
 Pyrene
 Concen: 5.35 ng
 RT: 19.85 min Scan# 2895
 Delta R.T. -0.03 min
 Lab File: BG022390.D
 Acq: 17 Jun 2016 7:00

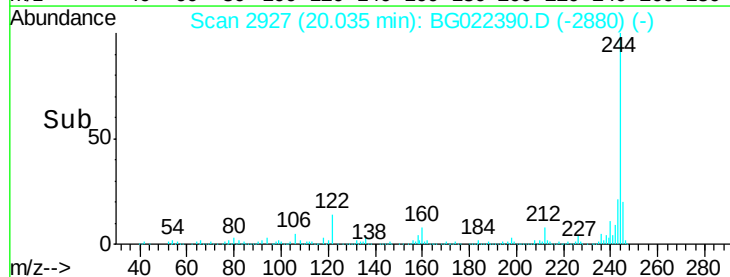
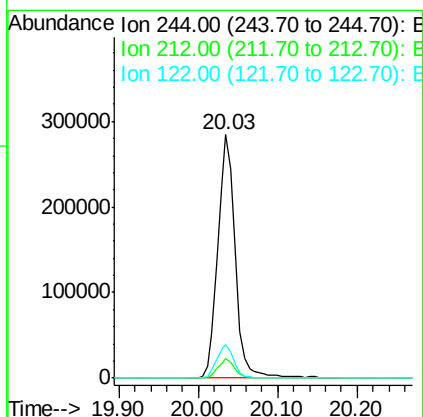
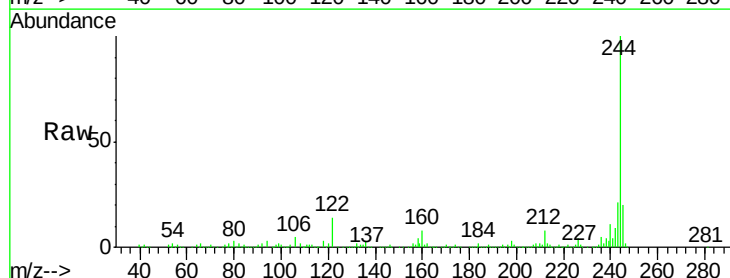
Instrument :
 BNA_G
 ClientSampleId :
 SB-05-COMP

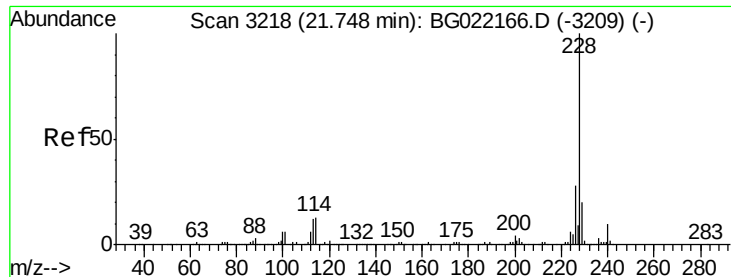
Tgt Ion: 202 Resp: 51519
 Ion Ratio Lower Upper
 202 100
 200 23.0 18.2 27.2
 203 18.2 15.0 22.4



#78
 Terphenyl-d14
 Concen: 66.35 ng
 RT: 20.03 min Scan# 2927
 Delta R.T. -0.02 min
 Lab File: BG022390.D
 Acq: 17 Jun 2016 7:00

Tgt Ion: 244 Resp: 432557
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 13.9 8.6 12.8#





#80

Benzo(a)anthracene

Concen: 2.96 ng

RT: 21.69 min Scan# 3208

Delta R.T. -0.04 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

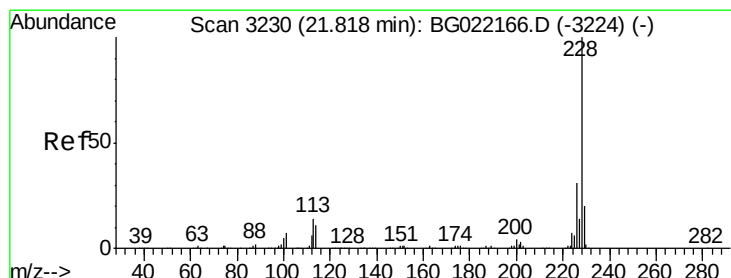
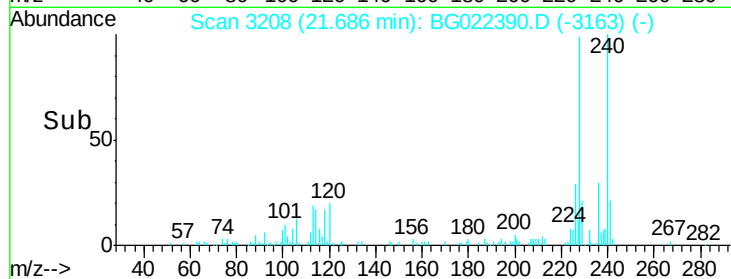
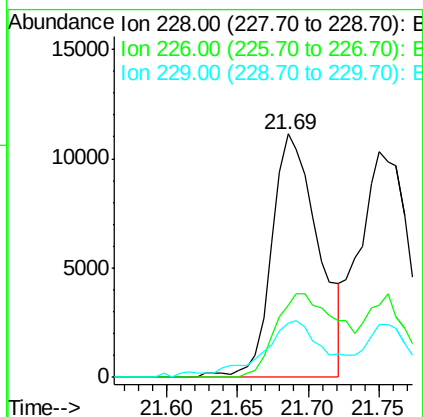
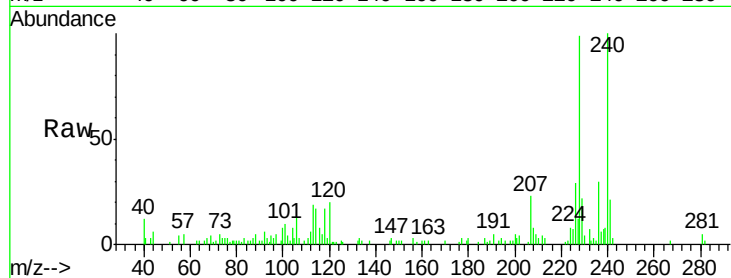
Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

Tgt Ion:	228	Resp:	25712
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	34.0
229	22.3	16.1	24.1



#82

Chrysene

Concen: 3.01 ng

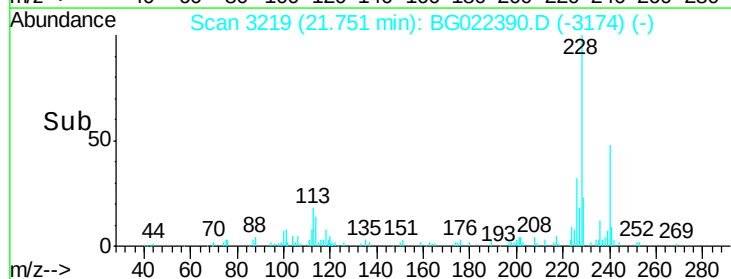
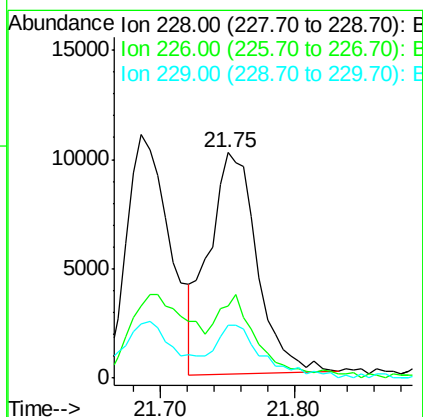
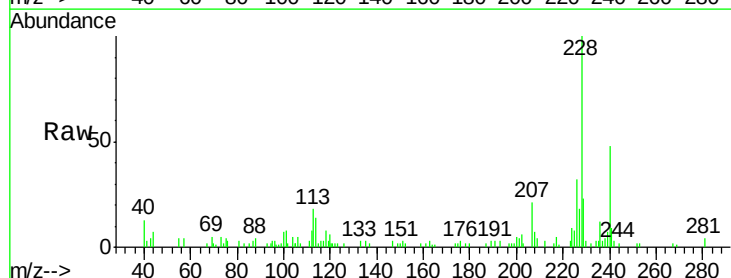
RT: 21.75 min Scan# 3219

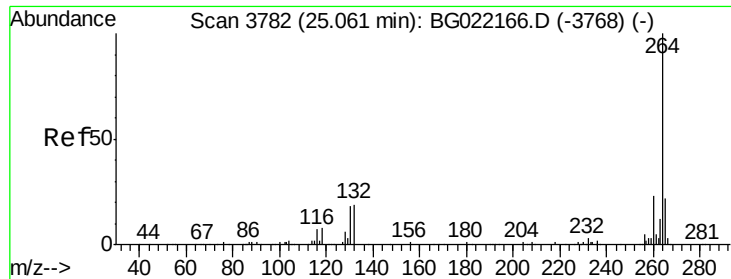
Delta R.T. -0.04 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

Tgt Ion:	228	Resp:	25394
Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	23.4	15.9	23.9

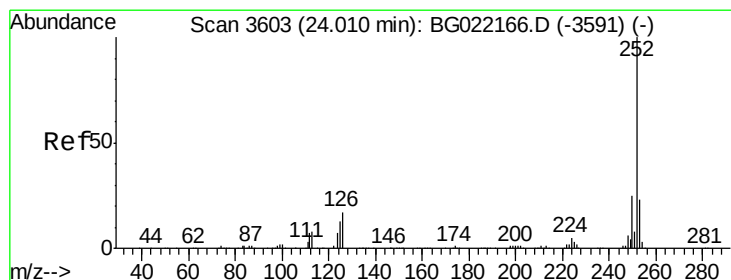
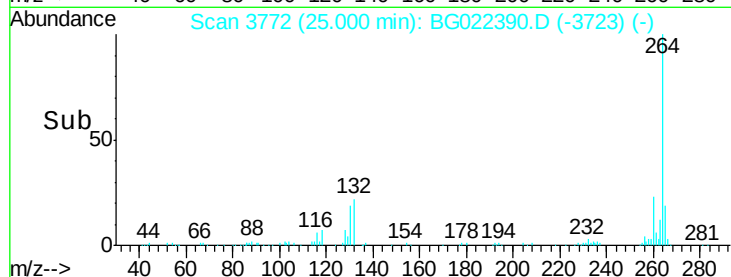
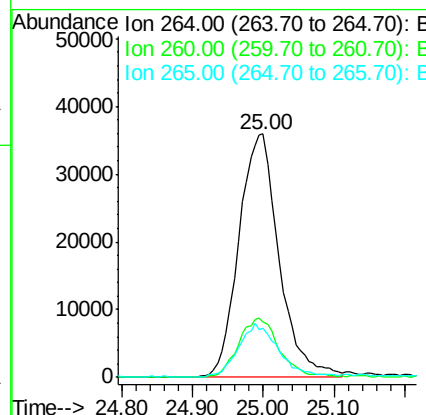
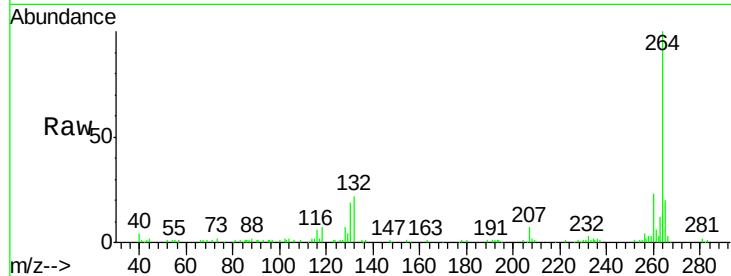




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.00 min Scan# 3772
Delta R.T. -0.01 min
Lab File: BG022390.D
Acq: 17 Jun 2016 7:00

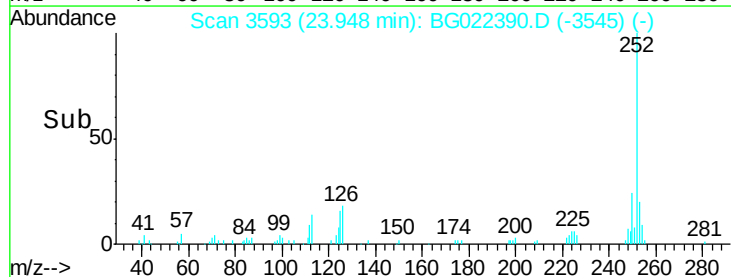
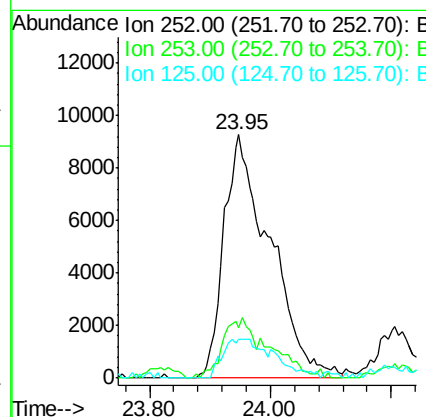
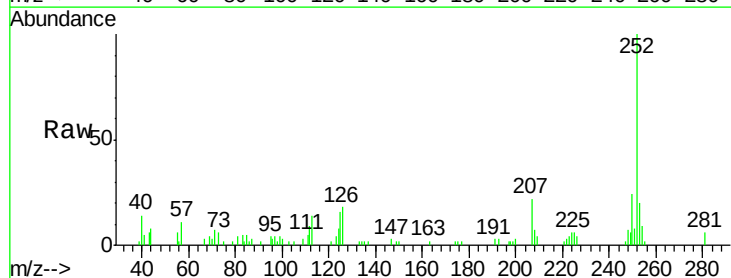
Instrument :
BNA_G
ClientSampleId :
SB-05-COMP

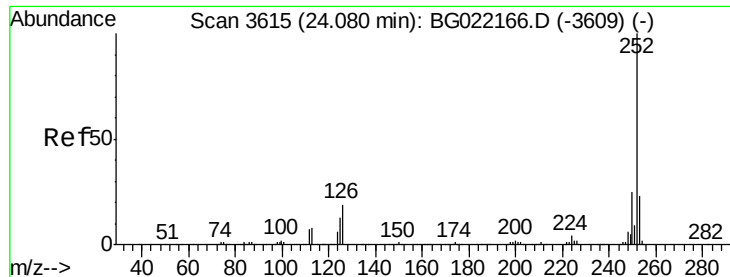
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	20.2	30.4
265	19.9	17.8	26.8



#87
Benzo(b)fluoranthene
Concen: 5.92 ng
RT: 23.95 min Scan# 3593
Delta R.T. -0.02 min
Lab File: BG022390.D
Acq: 17 Jun 2016 7:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.5	26.3
125	15.7	8.6	13.0





#88

Benzo(k)fluoranthene

Concen: 6.01 ng

RT: 23.95 min Scan# 3593

Delta R.T. -0.09 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

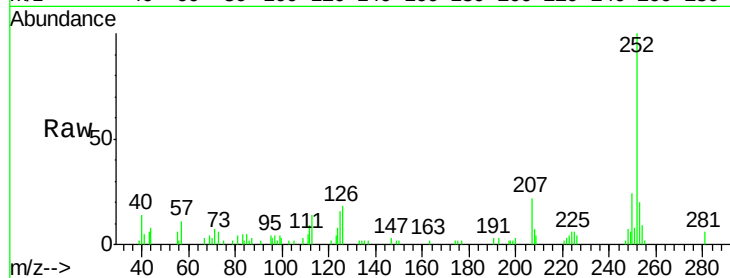
Instrument :

BNA_G

ClientSampleId :

SB-05-COMP

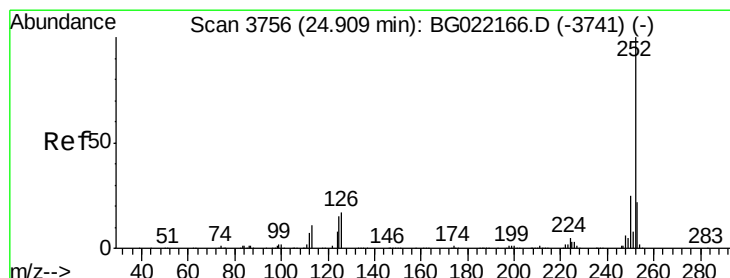
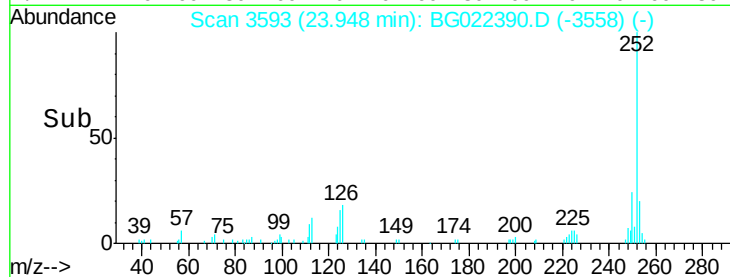
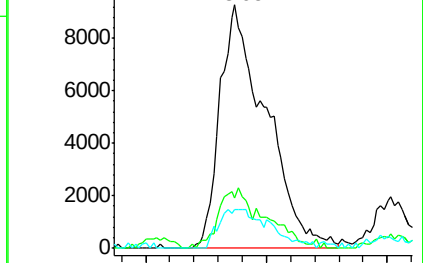
Tgt Ion:	252	Resp:	49019
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.8	26.8
125	15.7	8.3	12.5#



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



#89

Benzo(a)pyrene

Concen: 2.57 ng

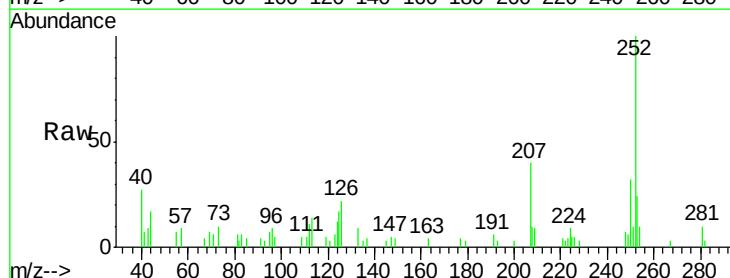
RT: 24.84 min Scan# 3744

Delta R.T. -0.02 min

Lab File: BG022390.D

Acq: 17 Jun 2016 7:00

Tgt Ion:	252	Resp:	20327
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.1	25.7
125	16.6	9.6	14.4#



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

