

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022443.D
 Acq On : 19 Jun 2016 3:58
 Operator : UM/SJ
 Sample : H3489-05
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6-B2(0-10)C

Quant Time: Jun 20 04:20:03 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

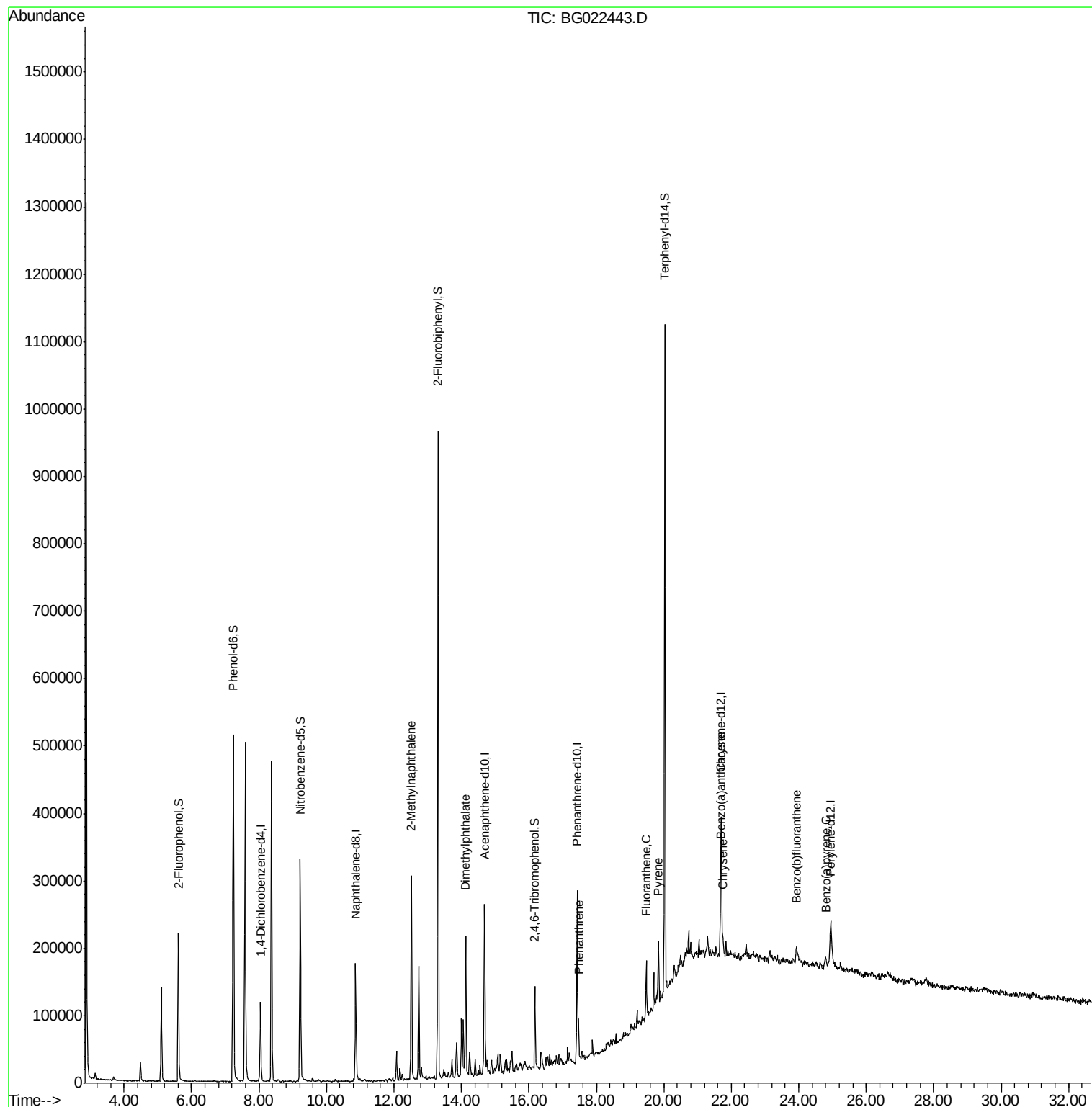
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41808	20.00	ng	-0.05
21) Naphthalene-d8	10.87	136	189967	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	93089	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	164079	20.00	ng	-0.04
75) Chrysene-d12	21.70	240	129419	20.00	ng	-0.04
86) Perylene-d12	24.96	264	96210	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	141453	65.42	ng	-0.03
7) Phenol-d6	7.23	99	452091	132.98	ng	-0.02
23) Nitrobenzene-d5	9.23	82	266831	97.93	ng	-0.03
41) 2,4,6-Tribromophenol	16.18	330	24817	23.59	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	569869	93.29	ng	-0.03
78) Terphenyl-d14	20.03	244	443229	81.31	ng	-0.03
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.52	142	180714	25.82	ng	95
49) Dimethylphthalate	14.13	163	161043	20.86	ng	100
70) Phenanthrene	17.48	178	39457	4.43	ng	98
74) Fluoranthene	19.48	202	51240	5.00	ng	94
77) Pyrene	19.84	202	46374	5.76	ng	98
80) Benzo(a)anthracene	21.68	228	20509	2.83	ng	# 89
82) Chrysene	21.75	228	20151	2.85	ng	# 90
87) Benzo(b)fluoranthene	23.92	252	19221	3.43	ng	# 69
89) Benzo(a)pyrene	24.80	252	10951	2.04	ng	# 51

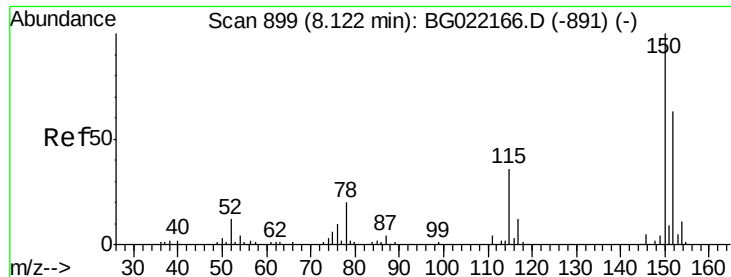
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S6-B2(0-10)C

Quant Time: Jun 20 04:20:03 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



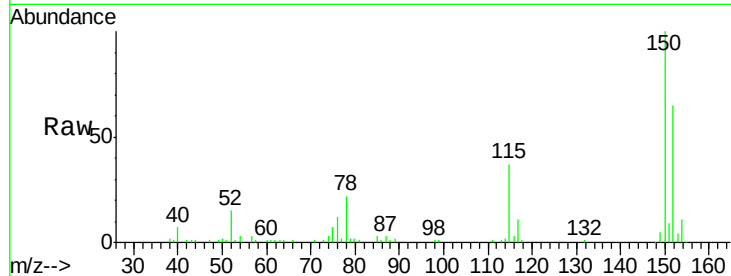


#1

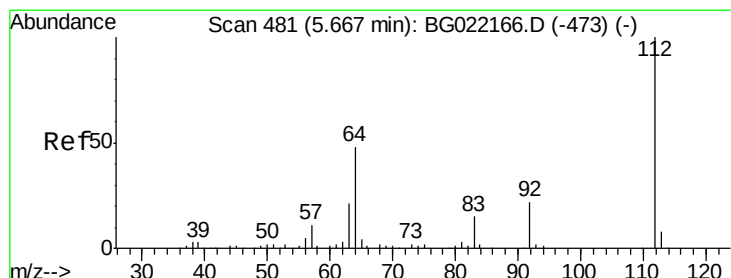
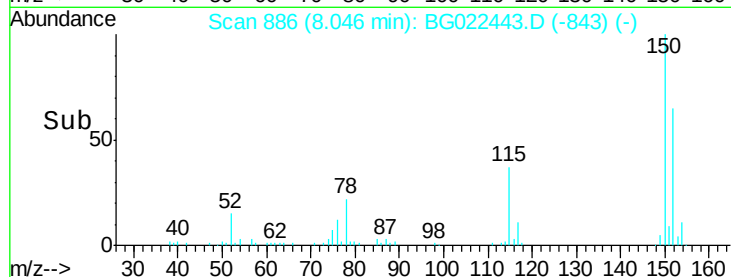
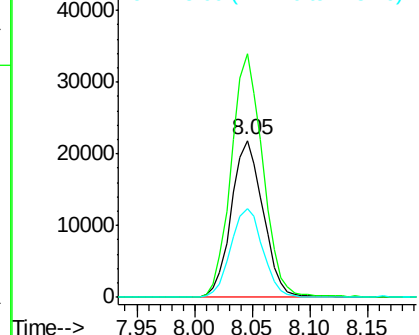
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S6-B2(0-10)C

Tot Ion:152 Resp: 41808
Ion Ratio Lower Upper
152 100
150 155.0 130.1 195.1
115 56.8 62.2 93.2#



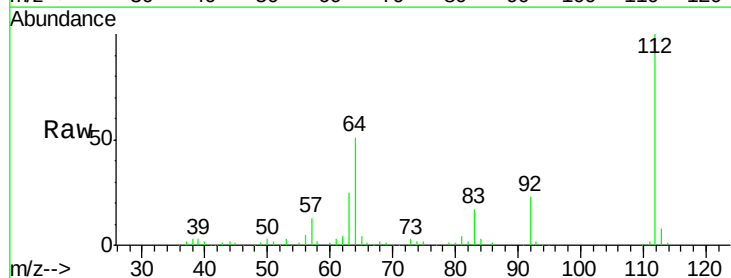
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



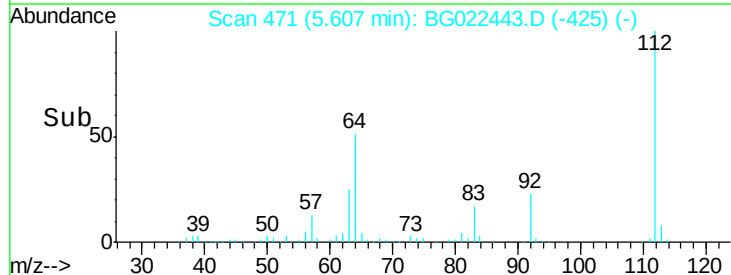
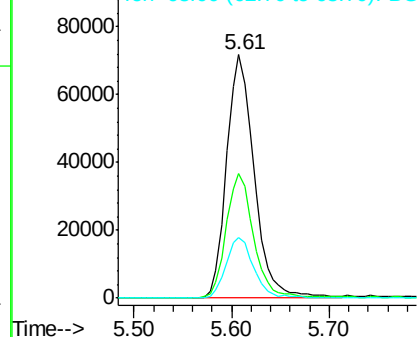
#5

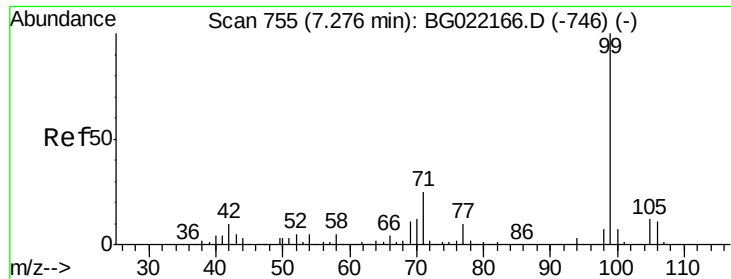
2-Fluorophenol
Concen: 65.42 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.03 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Tgt Ion:112 Resp: 141453
Ion Ratio Lower Upper
112 100
64 51.1 51.1 76.7#
63 24.9 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: 132.98 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022443.D

Acq: 19 Jun 2016 3:58

Instrument :

BNA_G

ClientSampleId :

S6-B2(0-10)C

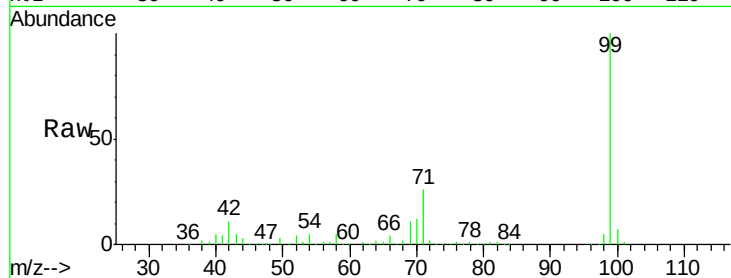
Tot Ion: 99 Resp: 452091

Ion Ratio Lower Upper

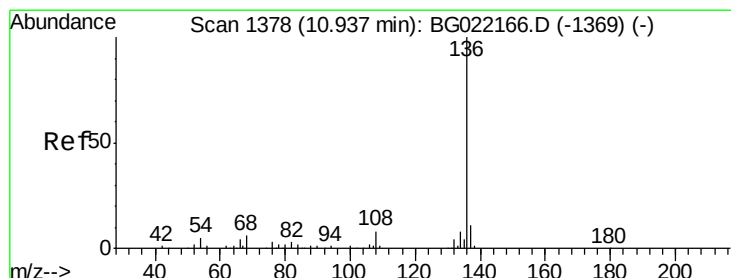
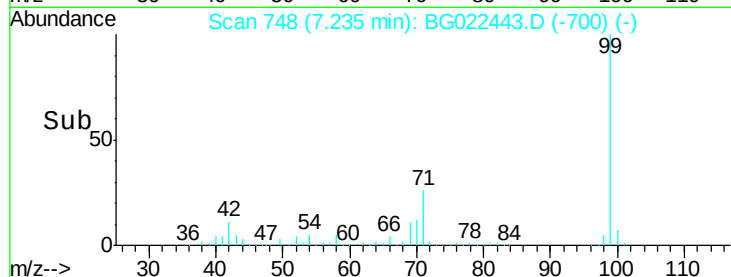
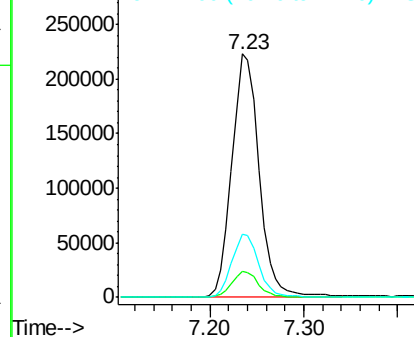
99 100

42 10.8 16.4 24.6#

71 26.0 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# 1366

Delta R.T. -0.04 min

Lab File: BG022443.D

Acq: 19 Jun 2016 3:58

Tgt Ion: 136 Resp: 189967

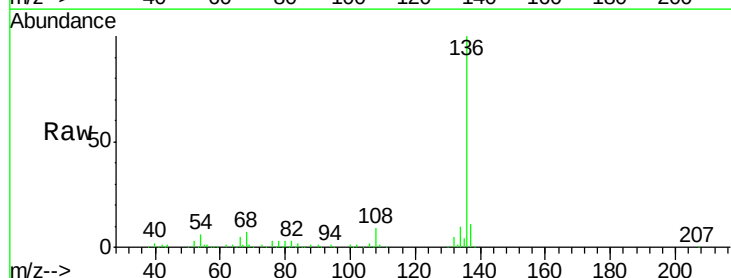
Ion Ratio Lower Upper

136 100

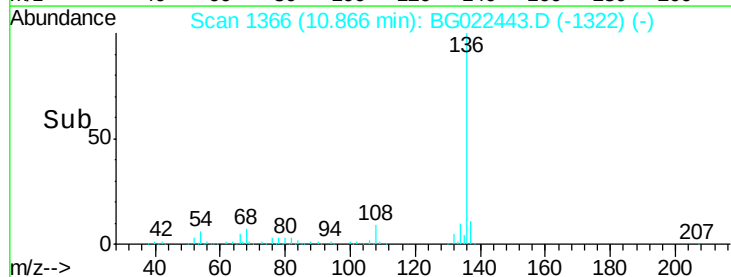
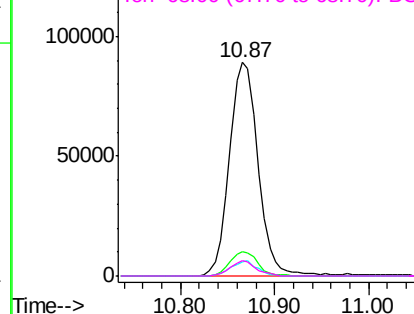
137 11.3 9.0 13.4

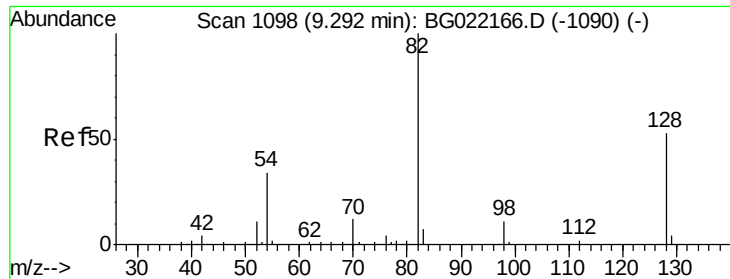
54 6.3 9.6 14.4#

68 7.2 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

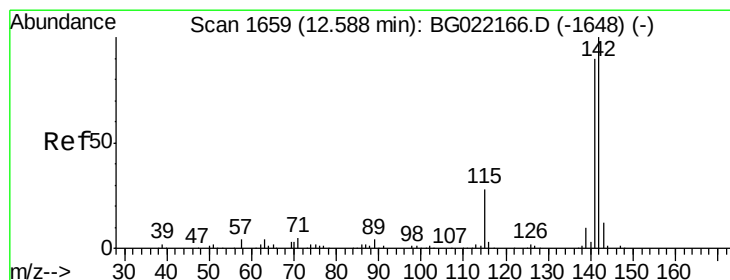
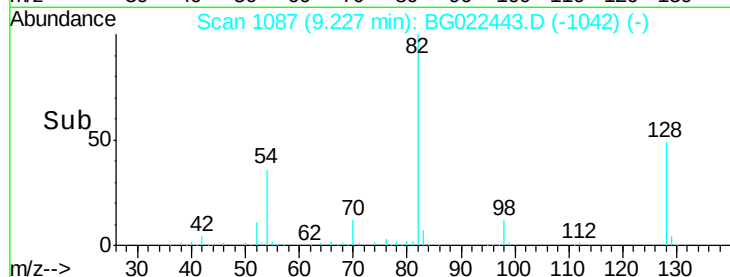
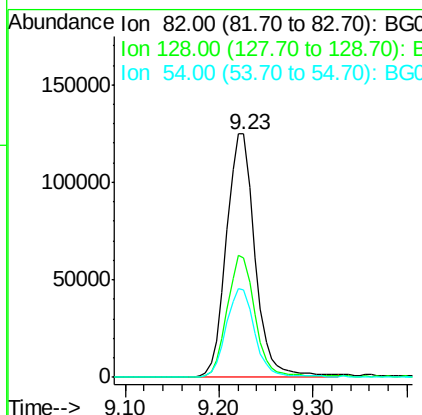
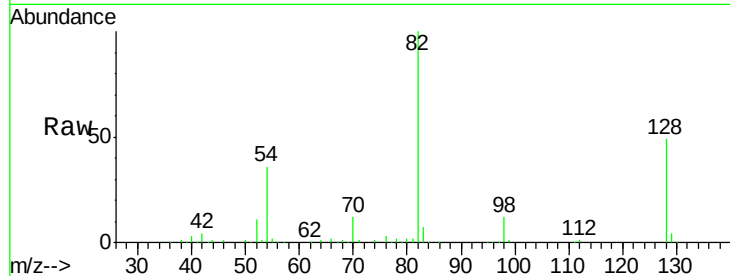




#23
 Nitrobenzene-d5
 Concen: 97.93 ng
 RT: 9.23 min Scan# 1087
 Delta R.T. -0.03 min
 Lab File: BG022443.D
 Acq: 19 Jun 2016 3:58

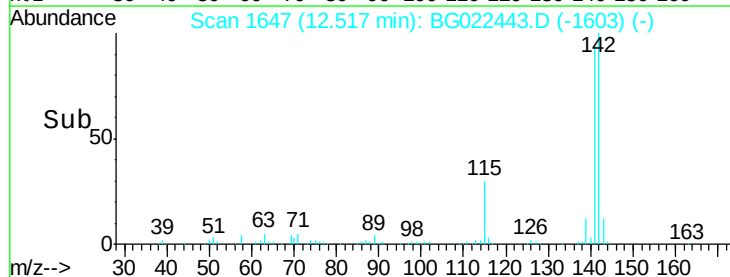
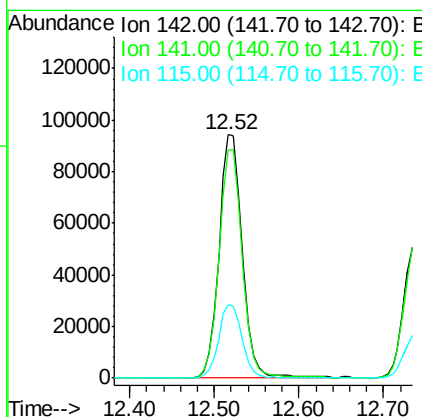
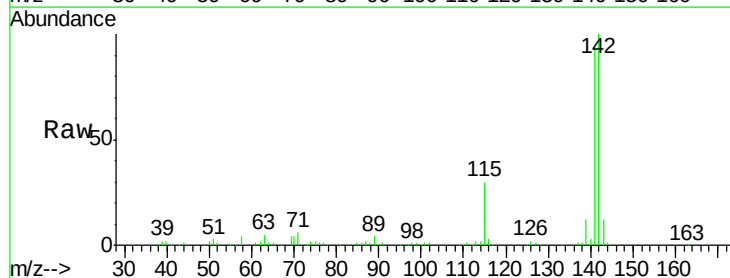
Instrument :
 BNA_G
 ClientSampleId :
 S6-B2(0-10)C

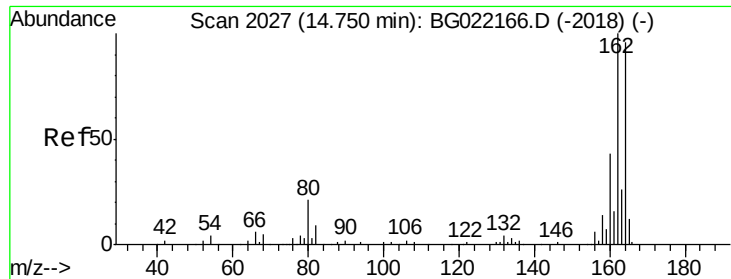
Tot Ion: 82 Resp: 266831
 Ion Ratio Lower Upper
 82 100
 128 49.3 33.4 50.0
 54 36.1 46.1 69.1#



#37
 2-Methylnaphthalene
 Concen: 25.82 ng
 RT: 12.52 min Scan# 1647
 Delta R.T. -0.04 min
 Lab File: BG022443.D
 Acq: 19 Jun 2016 3:58

Tgt Ion: 142 Resp: 180714
 Ion Ratio Lower Upper
 142 100
 141 93.6 71.4 107.0
 115 30.2 27.4 41.2

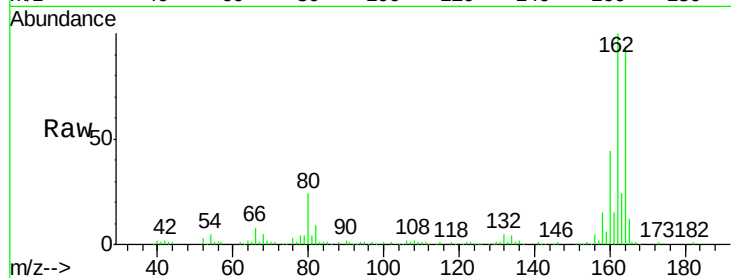




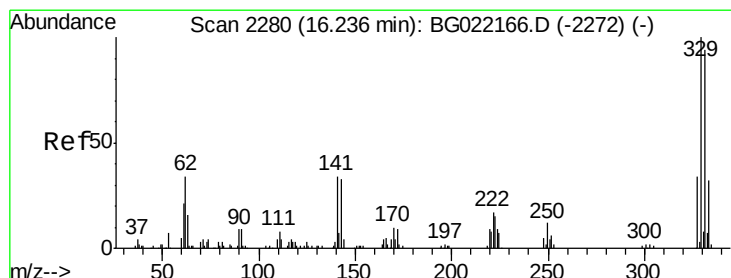
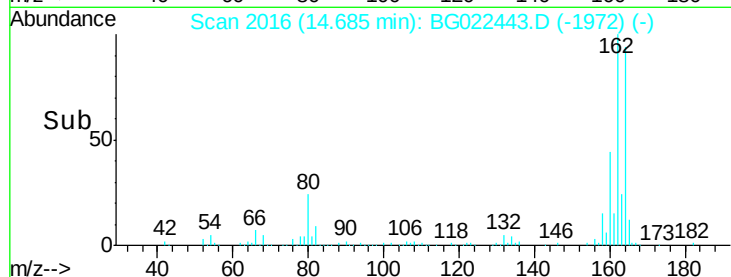
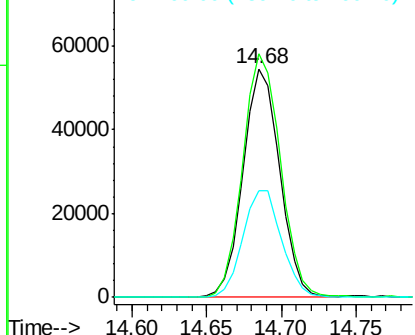
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Instrument :
BNA_G
ClientSampleId :
S6-B2(0-10)C

Tot Ion:164 Resp: 93089
Ion Ratio Lower Upper
164 100
162 106.4 78.0 117.0
160 46.5 32.9 49.3

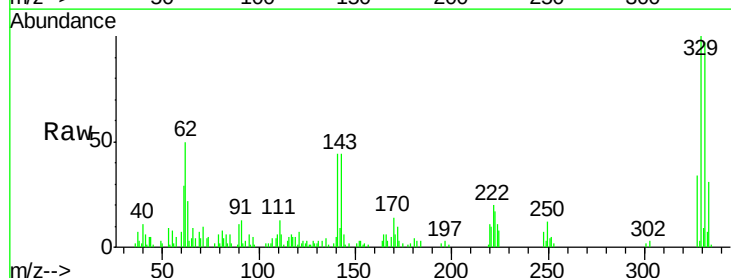


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

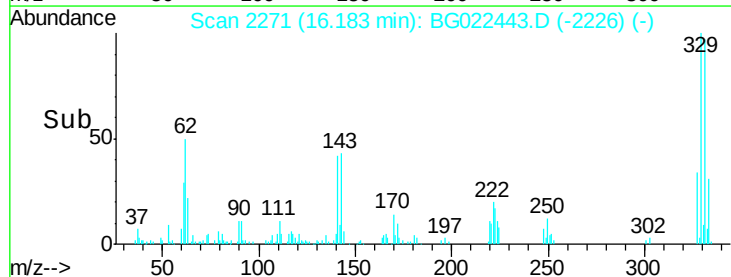
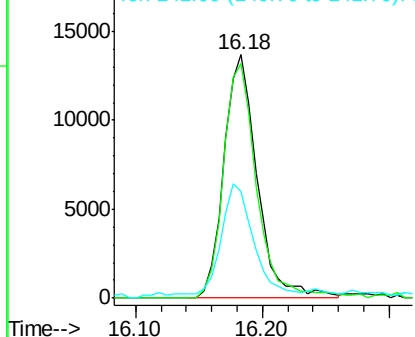


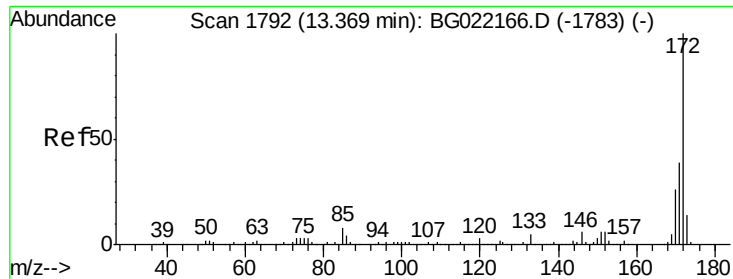
#41
2,4,6-Tribromophenol
Concen: 23.59 ng
RT: 16.18 min Scan# 2271
Delta R.T. -0.03 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Tgt Ion:330 Resp: 24817
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 42.7 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

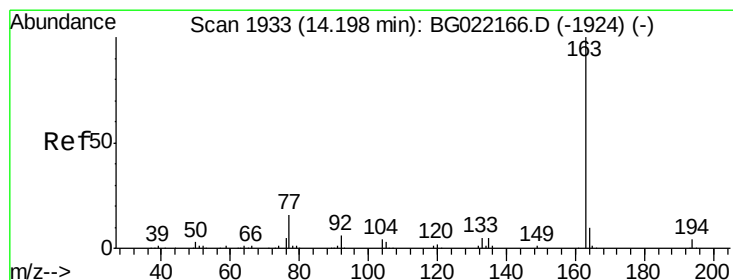
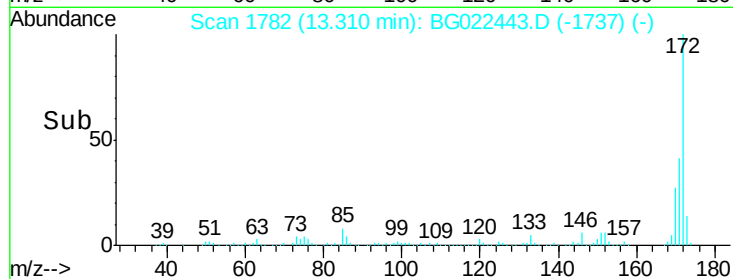
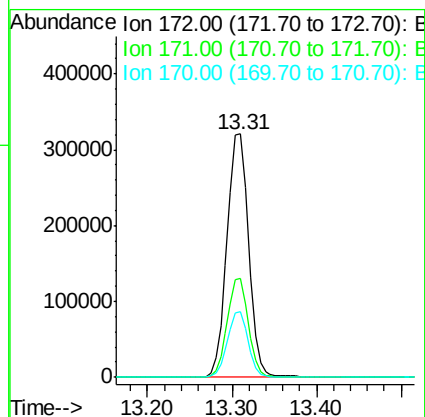
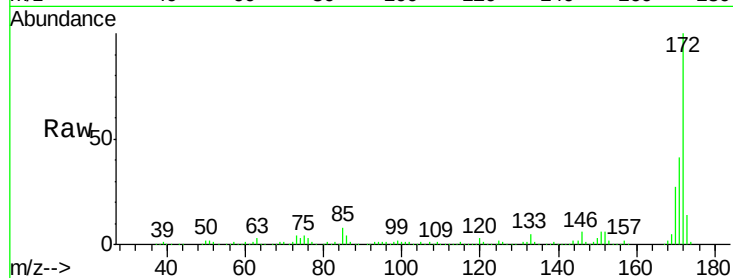




#44
2-Fluorobiphenyl
Concen: 93.29 ng
RT: 13.31 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

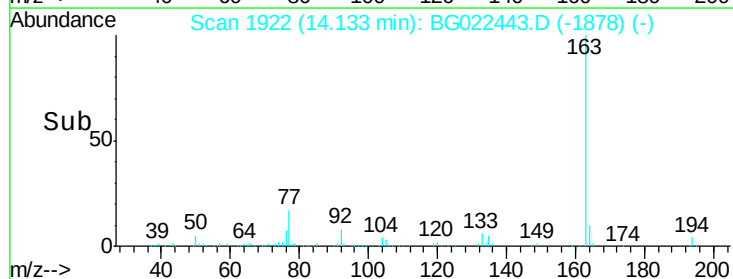
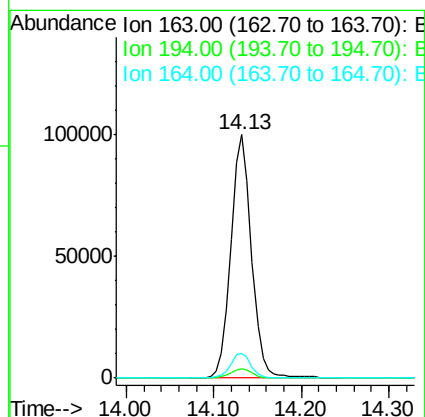
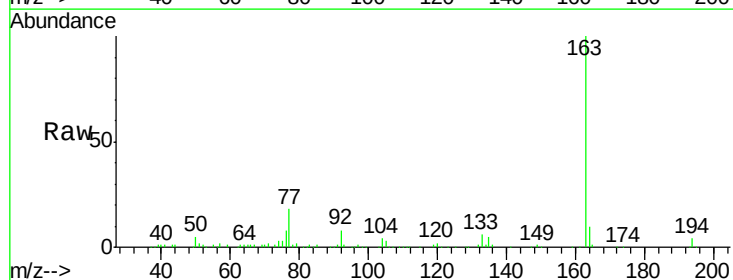
Instrument :
BNA_G
ClientSampleId :
S6-B2(0-10)C

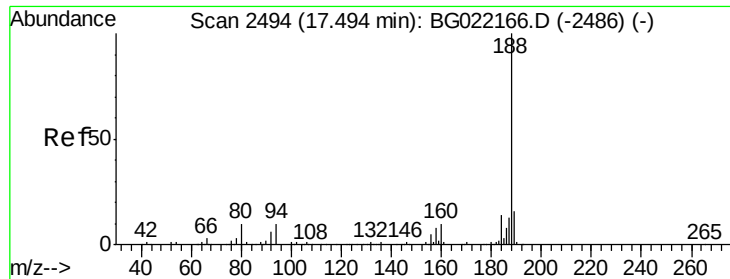
Tot Ion:172 Resp: 569869
Ion Ratio Lower Upper
172 100
171 40.6 27.8 41.6
170 27.0 19.6 29.4



#49
Dimethylphthalate
Concen: 20.86 ng
RT: 14.13 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Tgt Ion:163 Resp: 161043
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.0 8.1 12.1

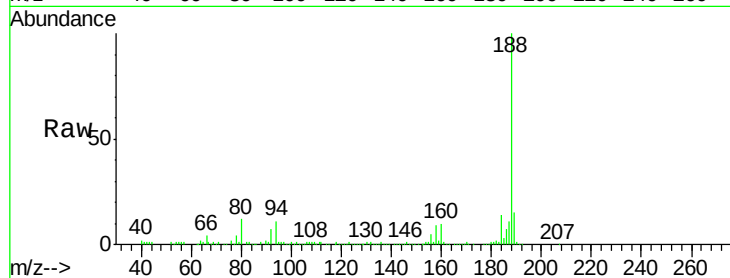




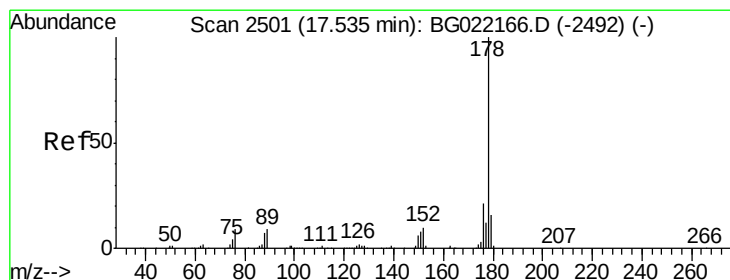
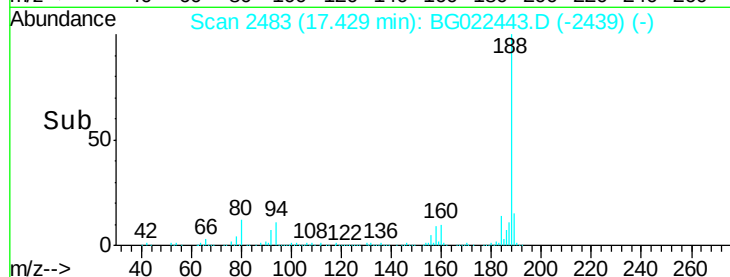
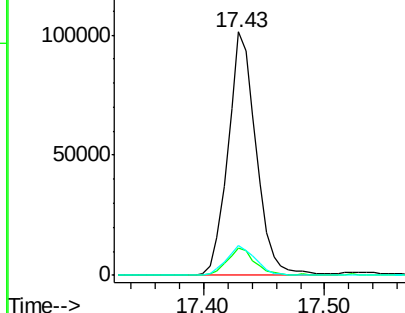
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.43 min Scan# 2483
 Delta R.T. -0.04 min
 Lab File: BG022443.D
 Acq: 19 Jun 2016 3:58

Instrument :
 BNA_G
 ClientSampleId :
 S6-B2(0-10)C

Tot Ion:188 Resp: 164079
 Ion Ratio Lower Upper
 188 100
 94 11.1 7.5 11.3
 80 12.4 8.6 13.0

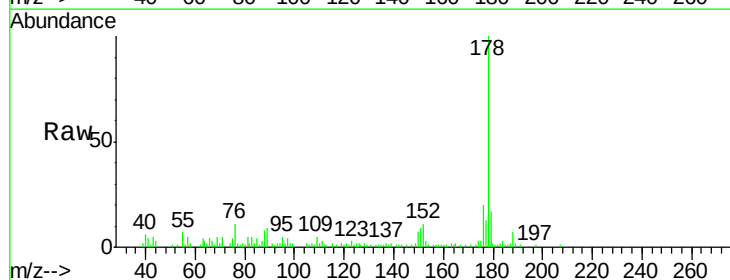


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

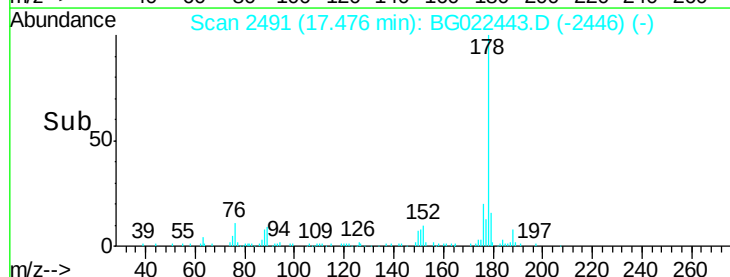
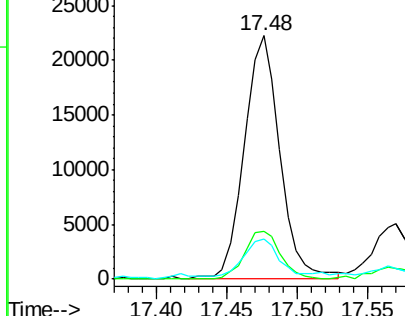


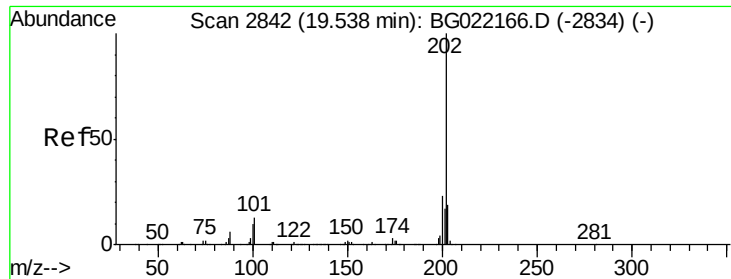
#70
 Phenanthrene
 Concen: 4.43 ng
 RT: 17.48 min Scan# 2491
 Delta R.T. -0.03 min
 Lab File: BG022443.D
 Acq: 19 Jun 2016 3:58

Tgt Ion:178 Resp: 39457
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 16.6 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

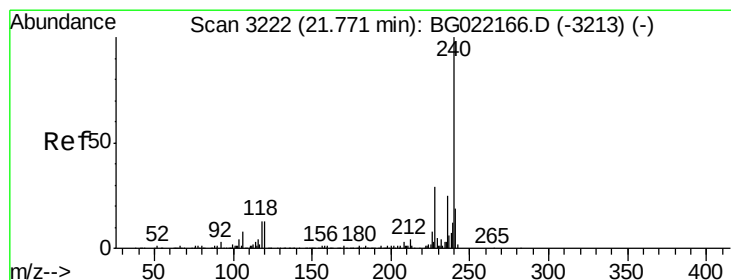
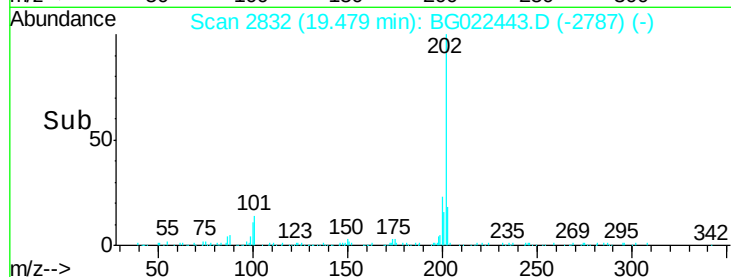
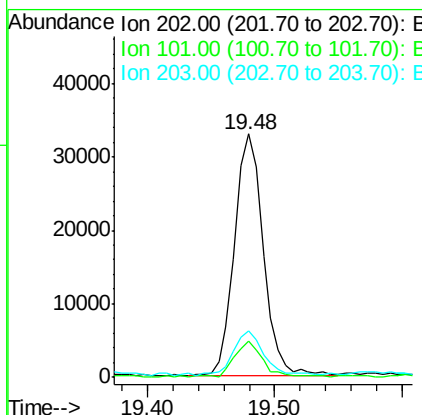
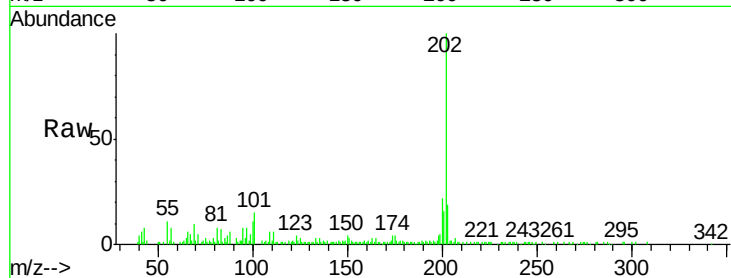




#74
Fluoranthene
Concen: 5.00 ng
RT: 19.48 min Scan# 2832
Delta R.T. -0.03 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

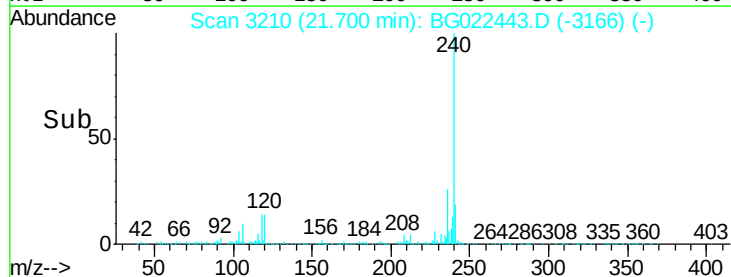
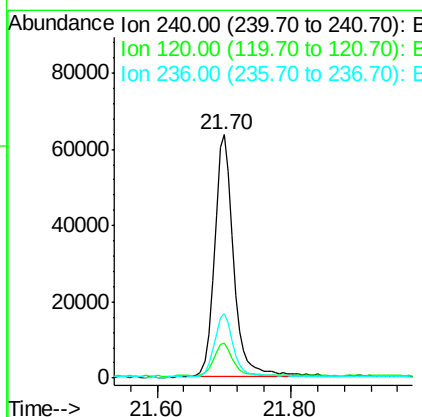
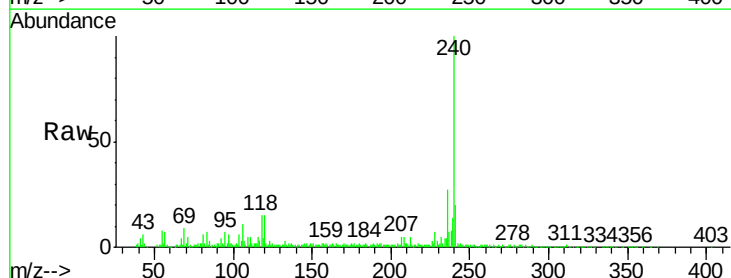
Instrument :
BNA_G
ClientSampleId :
S6-B2(0-10)C

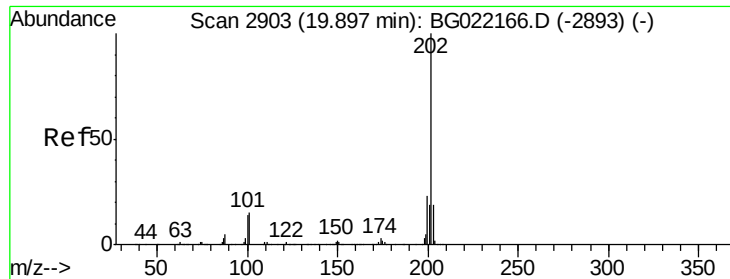
Tot Ion:	202	Resp:	51240
Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	31.0
203	19.3	0.0	37.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3210
Delta R.T. -0.04 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Tgt Ion:	240	Resp:	129419
Ion	Ratio	Lower	Upper
240	100		
120	14.5	8.4	12.6#
236	26.6	19.6	29.4

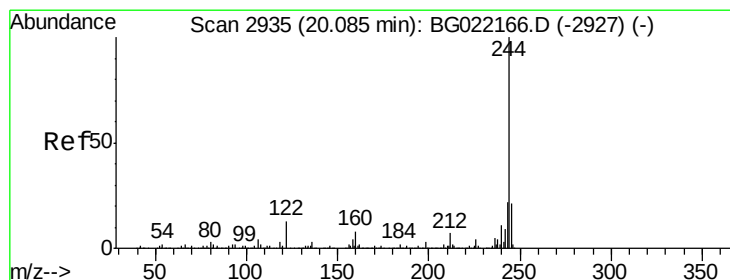
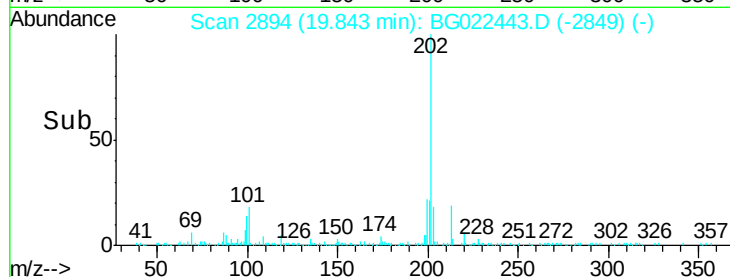
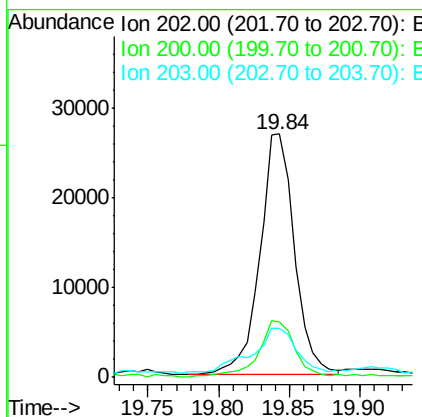
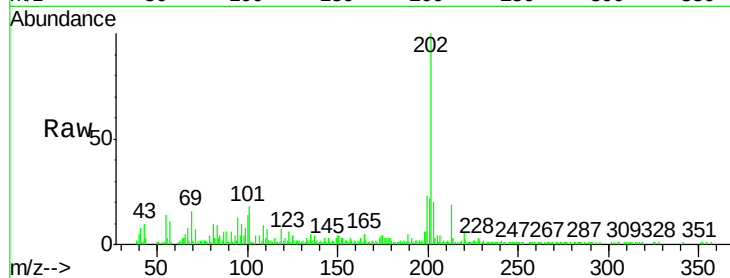




#77
Pvrene
Concen: 5.76 ng
RT: 19.84 min Scan# 2894
Delta R.T. -0.03 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

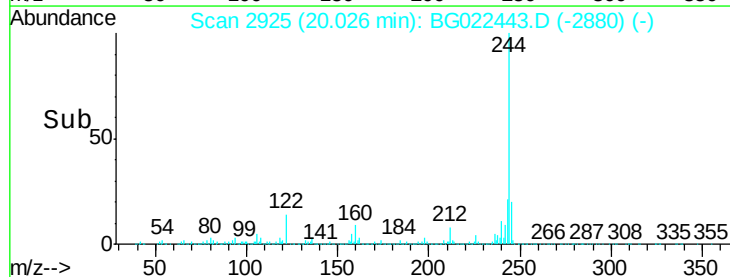
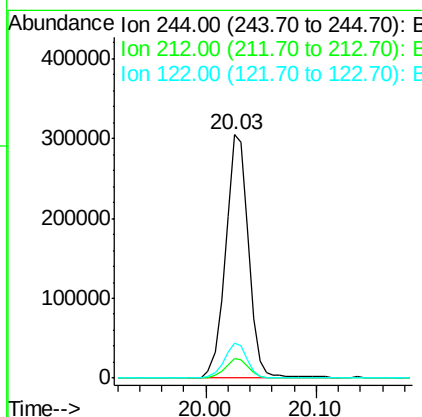
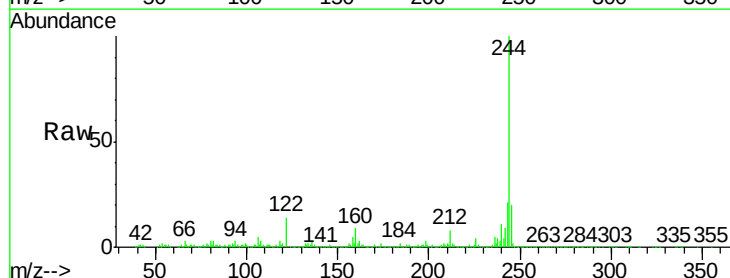
Instrument :
BNA_G
ClientSampleId :
S6-B2(0-10)C

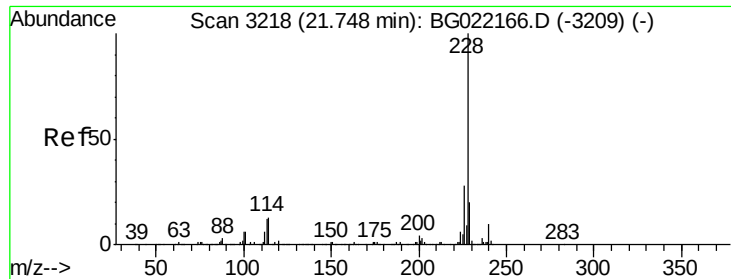
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	20.1	15.0	22.4



#78
Terphenyl-d14
Concen: 81.31 ng
RT: 20.03 min Scan# 2925
Delta R.T. -0.03 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	14.4	8.6	12.8

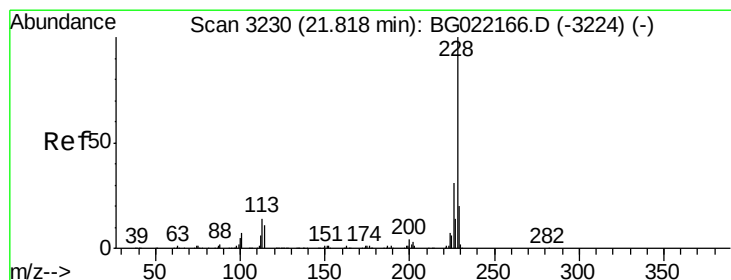
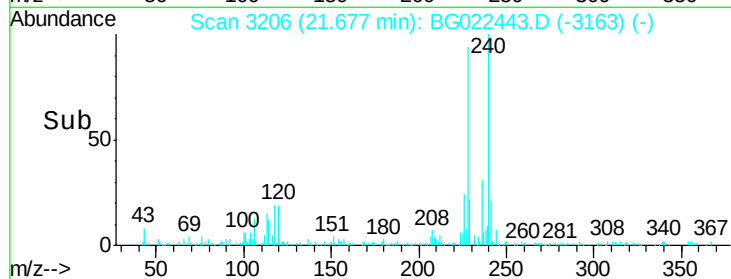
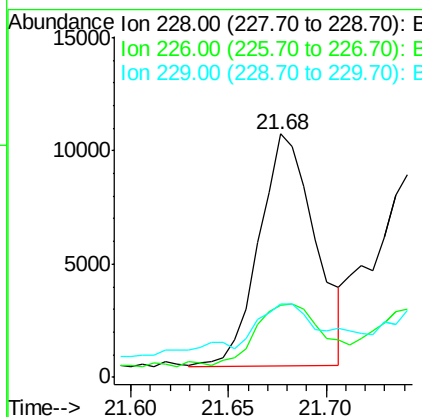
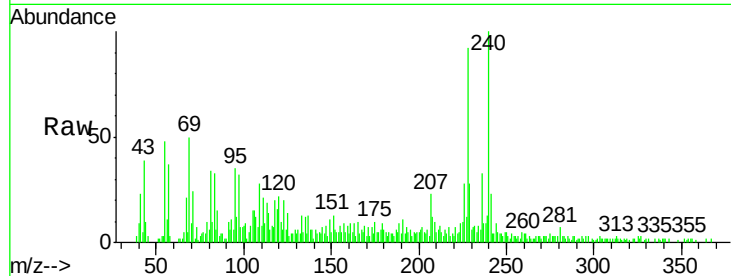




#80
Benzo(a)anthracene
Concen: 2.83 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.05 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

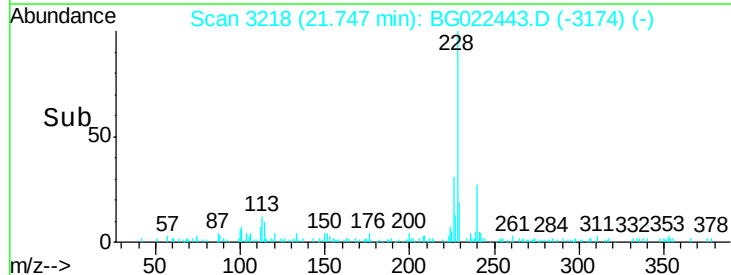
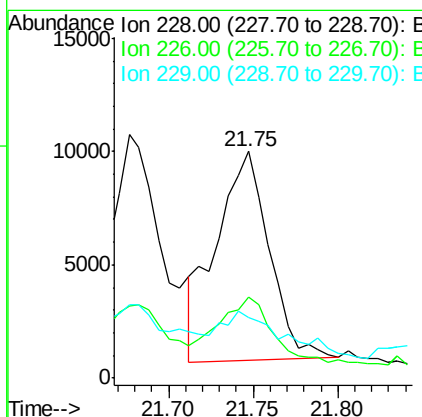
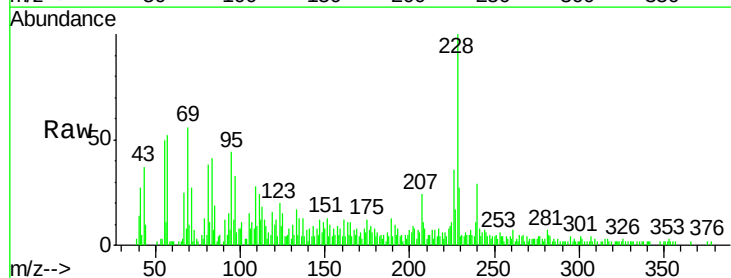
Instrument :
BNA_G
ClientSampleId :
S6-B2(0-10)C

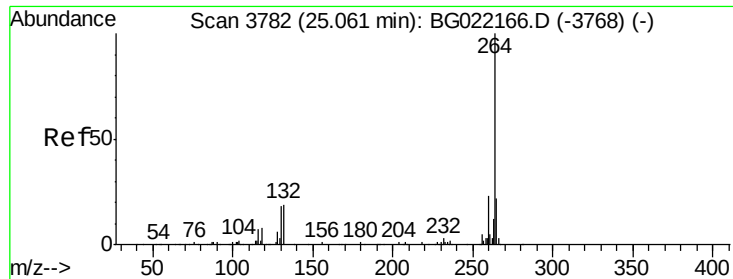
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	34.0
229	30.4	16.1	24.1



#82
Chrysene
Concen: 2.85 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.04 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.6	25.4	38.0
229	26.5	15.9	23.9

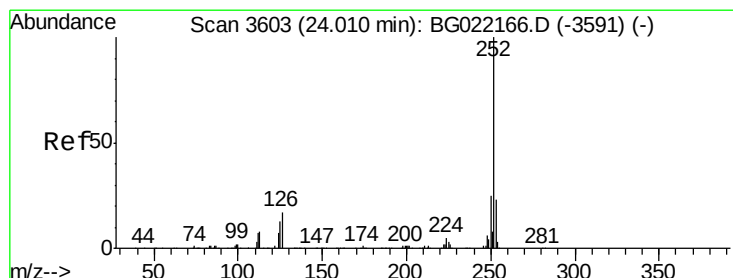
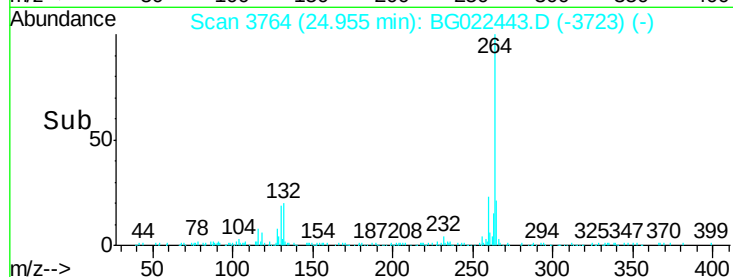
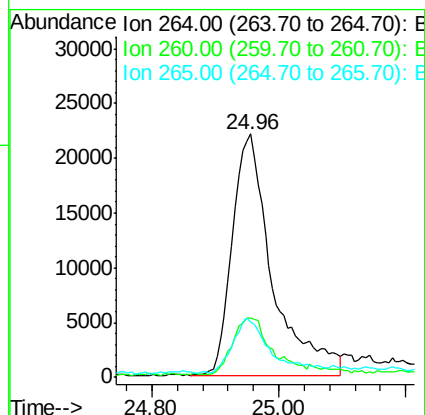
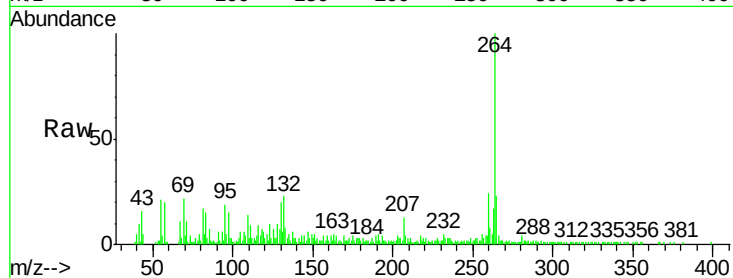




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.96 min Scan# 3764
Delta R.T. -0.06 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

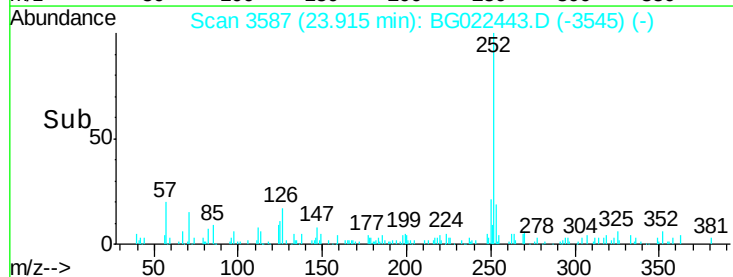
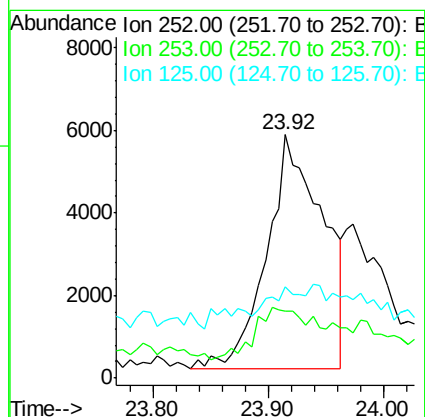
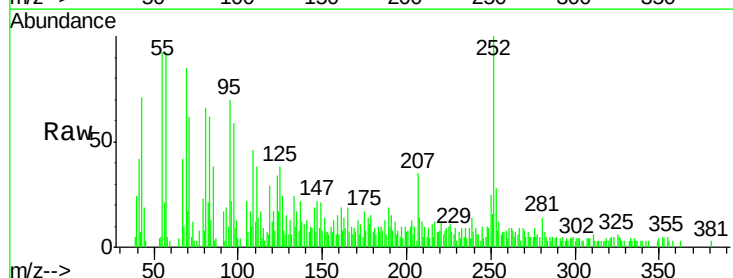
Instrument :
BNA_G
ClientSampleId :
S6-B2(0-10)C

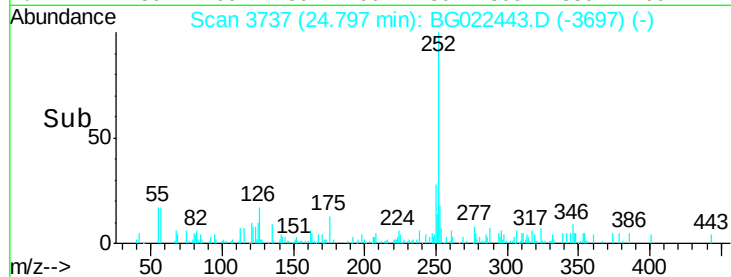
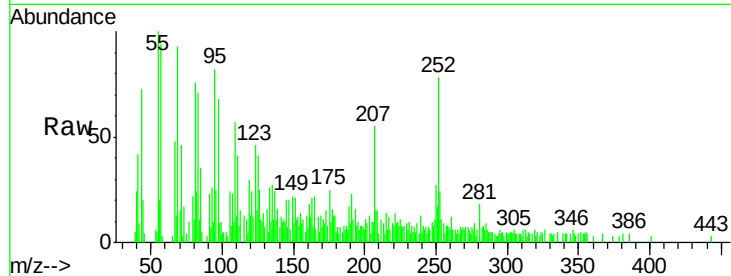
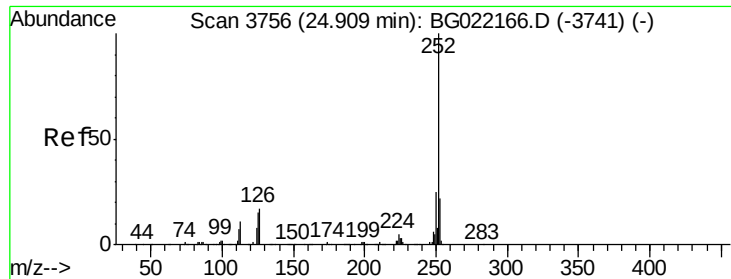
Tot Ion:264 Resp: 96210
Ion Ratio Lower Upper
264 100
260 24.2 20.2 30.4
265 22.8 17.8 26.8



#87
Benzo(b)fluoranthene
Concen: 3.43 ng
RT: 23.92 min Scan# 3587
Delta R.T. -0.05 min
Lab File: BG022443.D
Acq: 19 Jun 2016 3:58

Tgt Ion:252 Resp: 19221
Ion Ratio Lower Upper
252 100
253 27.5 17.5 26.3#
125 37.6 8.6 13.0#





#89

Benzo(a)pyrene

Concen: 2.04 ng

RT: 24.80 min Scan# 3737

Delta R.T. -0.06 min

Lab File: BG022443.D

Acq: 19 Jun 2016 3:58

Instrument :

BNA_G

ClientSampleId :

S6-B2(0-10)C

Tot Ion:252 Resp: 10951

Ion Ratio Lower Upper

252 100

253 30.4 17.1 25.7#

125 52.2 9.6 14.4#

