

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020021.D
 Acq On : 8 Dec 2015 17:01
 Operator : UM/SJ
 Sample : G4676-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Dec 09 04:05:42 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

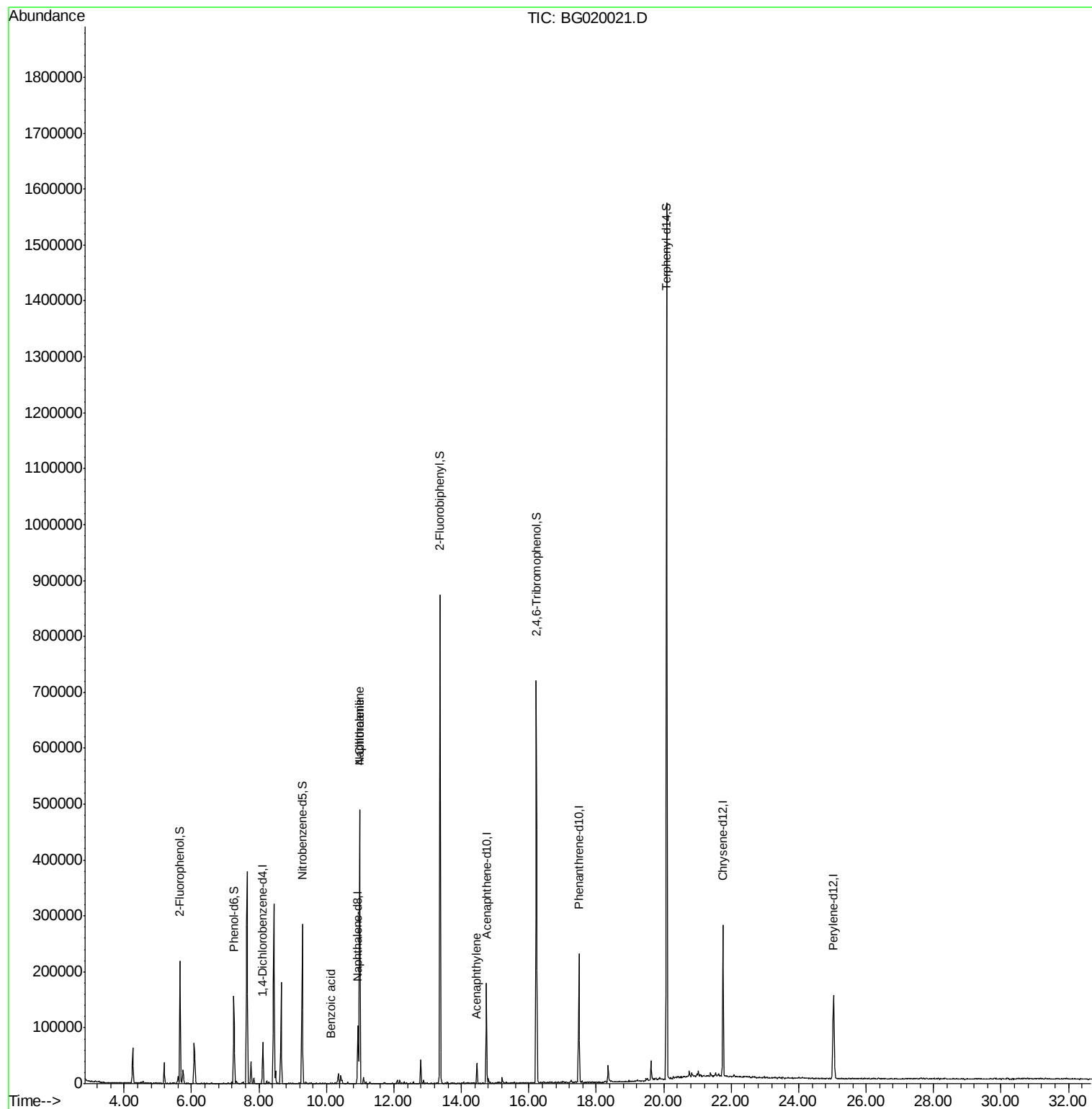
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19720	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	86715	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	59131	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	145060	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	173969	20.00	ng	-0.04
86) Perylene-d12	25.03	264	162985	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	89133	81.69	ng	-0.01
7) Phenol-d6	7.26	99	85317	51.79	ng	-0.02
23) Nitrobenzene-d5	9.28	82	179425	105.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	137321	151.78	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	446253	103.05	ng	-0.02
78) Terphenyl-d14	20.08	244	723160	101.39	ng	-0.03
Target Compounds						
31) Naphthalene	10.98	128	403250	86.81	ng	Qvalue 98
32) Benzoic acid	10.12	122	268	6.24	ng	# 27
33) 4-Chloroaniline	10.98	127	55640	27.18	ng	# 34
48) Acenaphthylene	14.46	152	26947	4.23	ng	94

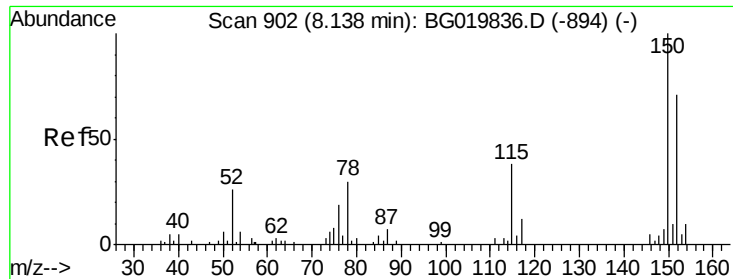
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-15

Quant Time: Dec 09 04:05:42 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

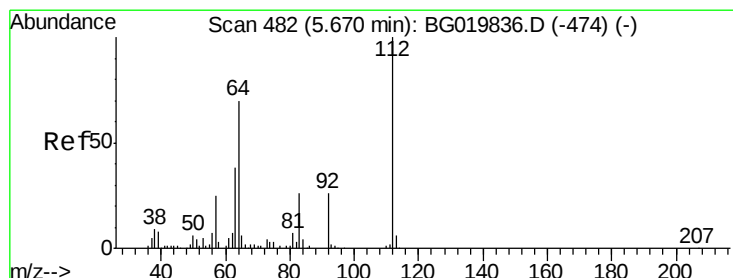
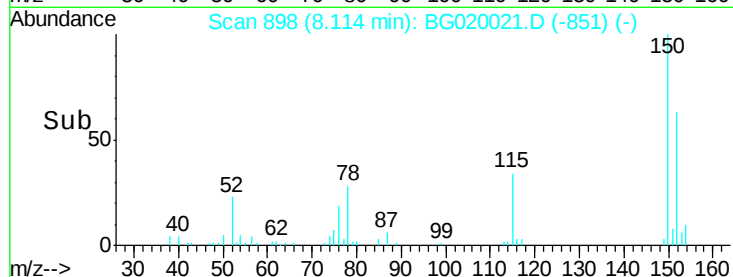
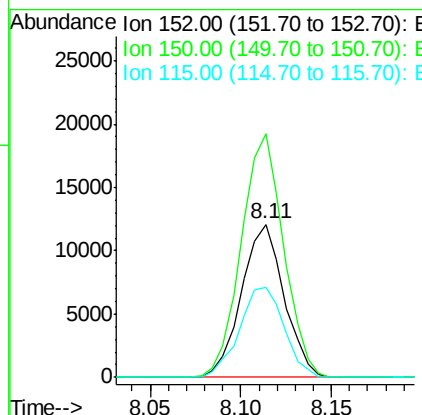
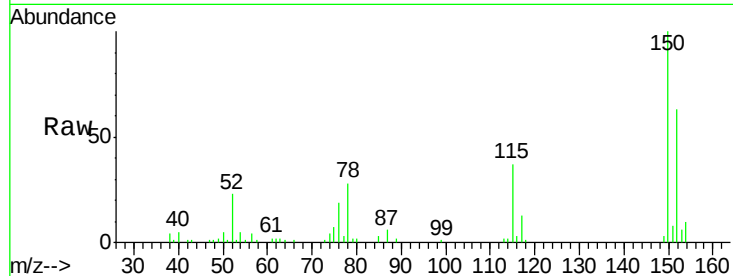




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG020021.D
 Acq: 8 Dec 2015 17:01

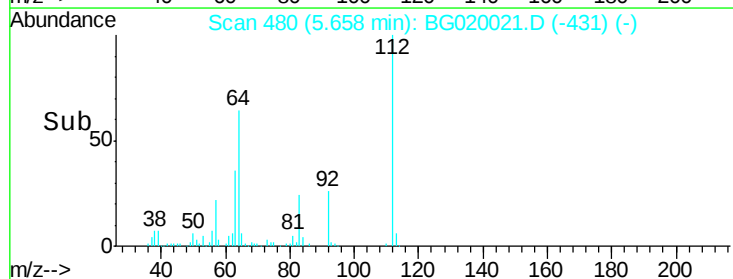
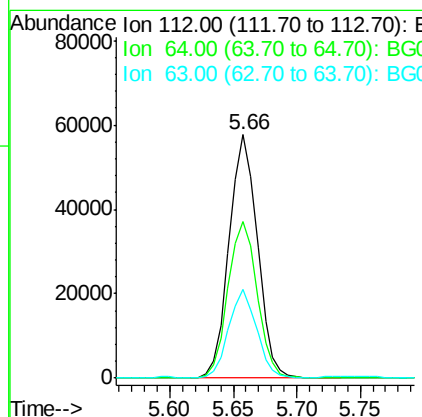
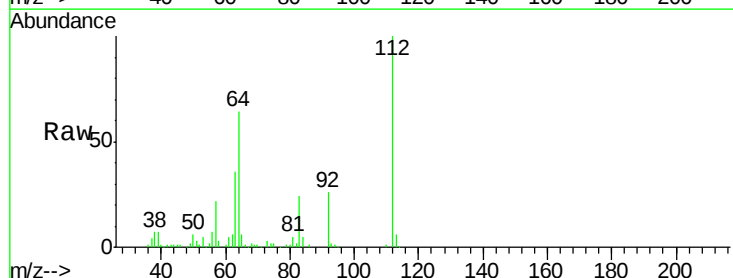
Instrument :
 BNA_G
 ClientSampleId :
 MW-15

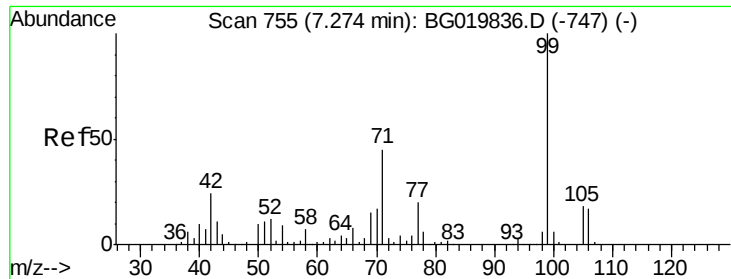
Tgt Ion:152 Resp: 19720
 Ion Ratio Lower Upper
 152 100
 150 159.4 115.0 172.4
 115 58.6 43.9 65.9



#5
 2-Fluorophenol
 Concen: 81.69 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020021.D
 Acq: 8 Dec 2015 17:01

Tgt Ion:112 Resp: 89133
 Ion Ratio Lower Upper
 112 100
 64 64.2 43.7 65.5
 63 36.5 24.0 36.0#





#7

Phenol-d6

Concen: 51.79 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020021.D

Acq: 8 Dec 2015 17:01

Instrument :

BNA_G

ClientSampleId :

MW-15

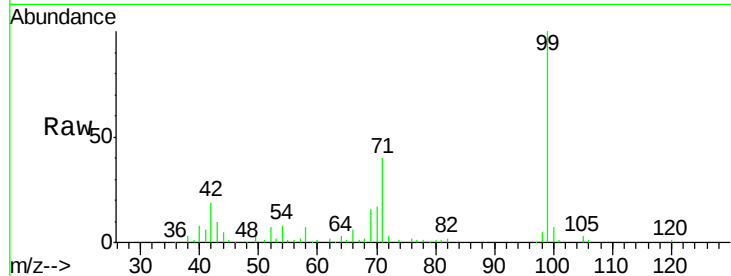
Tgt Ion: 99 Resp: 85317

Ion Ratio Lower Upper

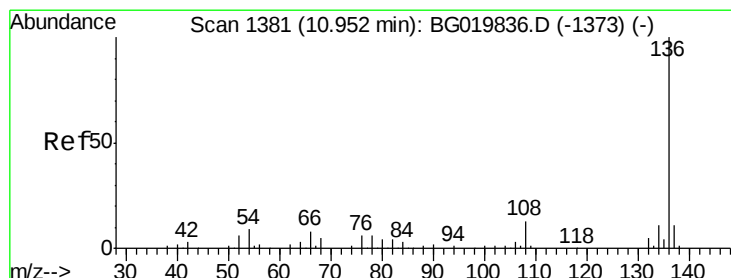
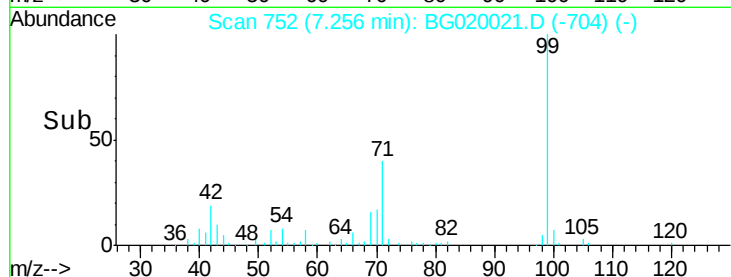
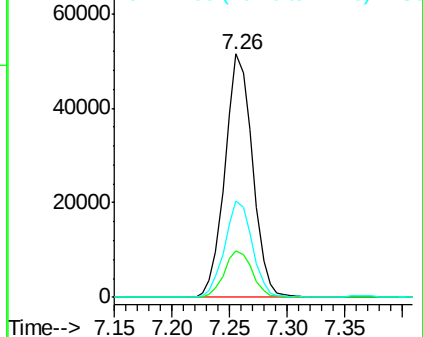
99 100

42 19.3 11.5 17.3#

71 39.6 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020021.D

Acq: 8 Dec 2015 17:01

Tgt Ion: 136 Resp: 86715

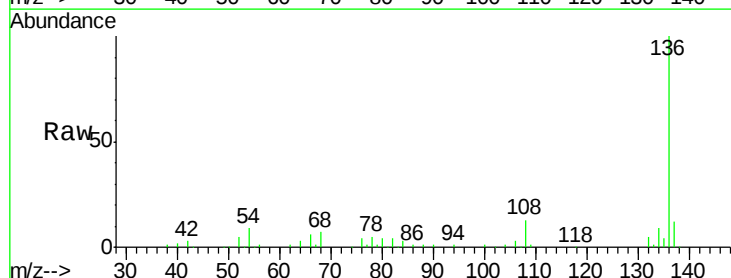
Ion Ratio Lower Upper

136 100

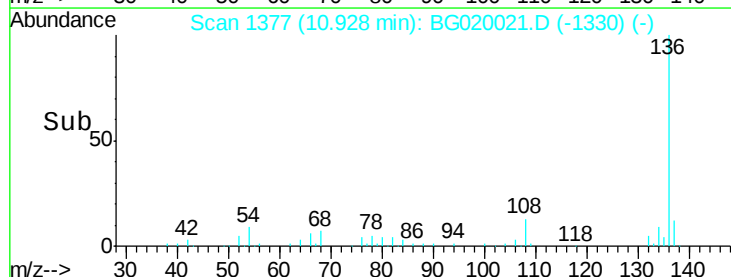
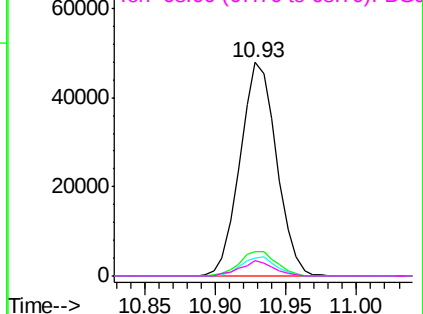
137 11.6 8.6 12.8

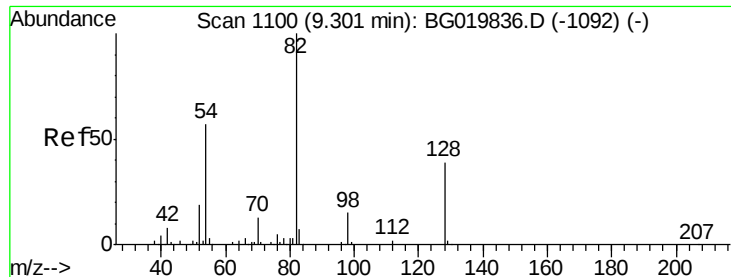
54 8.6 5.4 8.2#

68 7.0 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

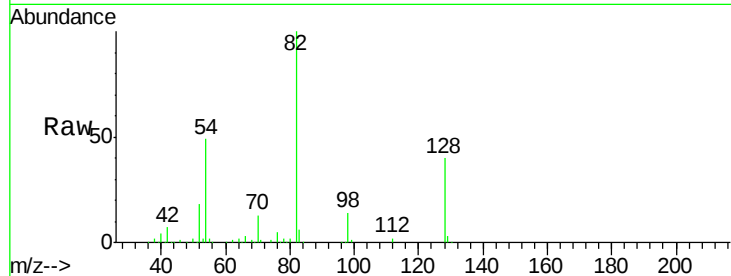




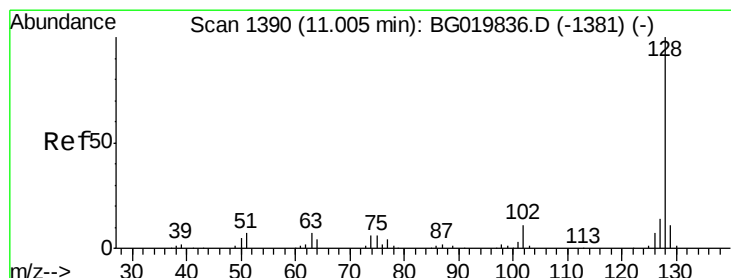
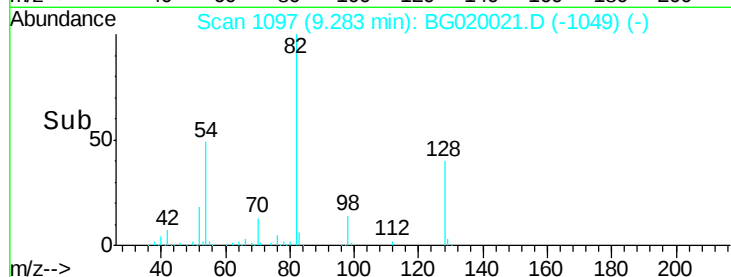
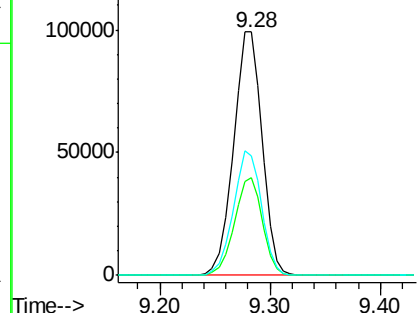
#23
 Nitrobenzene-d5
 Concen: 105.60 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG020021.D
 Acq: 8 Dec 2015 17:01

Instrument :
 BNA_G
 ClientSampled :
 MW-15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.7	55.1
54	49.1	33.8	50.8

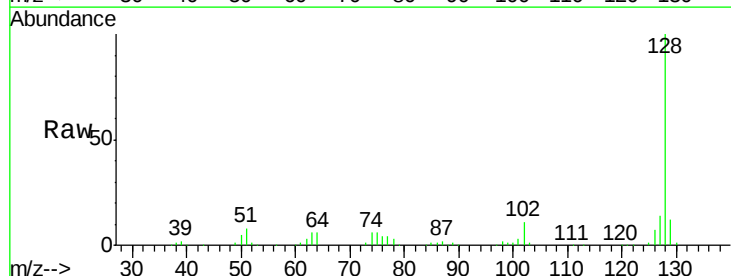


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

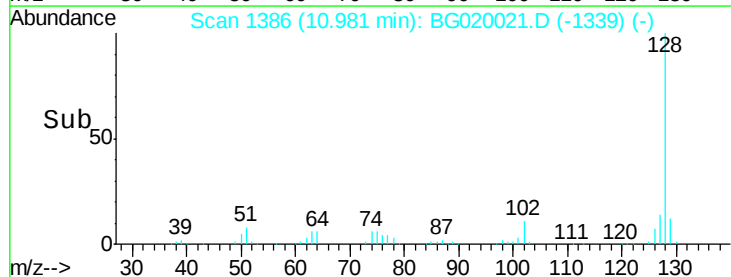
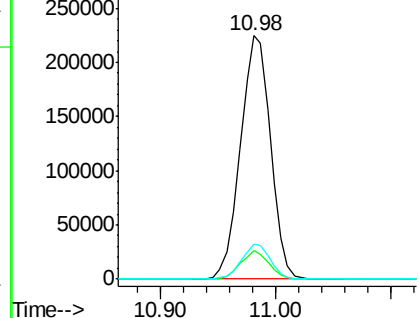


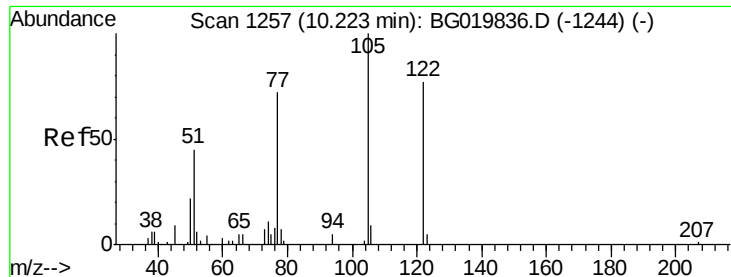
#31
 Naphthalene
 Concen: 86.81 ng
 RT: 10.98 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BG020021.D
 Acq: 8 Dec 2015 17:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	14.1	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 6.24 ng

RT: 10.12 min Scan# 1239

Delta R.T. -0.11 min

Lab File: BG020021.D

Acq: 8 Dec 2015 17:01

Instrument :

BNA_G

ClientSampleId :

MW-15

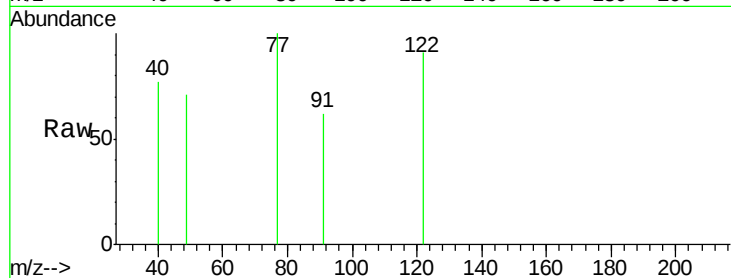
Tgt Ion:122 Resp: 268

Ion Ratio Lower Upper

122 100

105 0.0 103.8 143.8#

77 110.5 68.8 108.8#

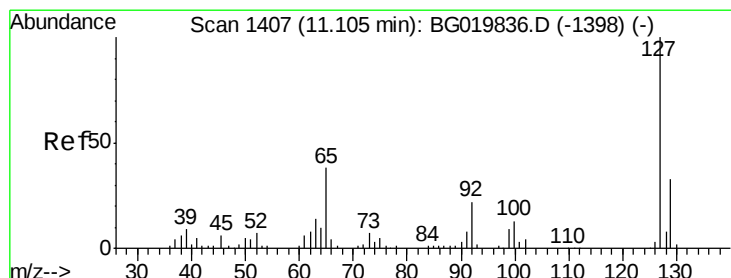
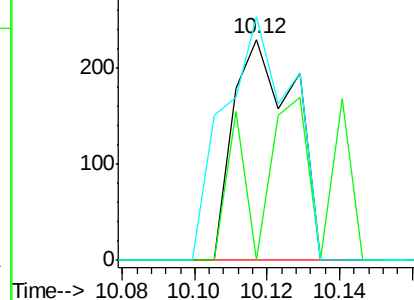
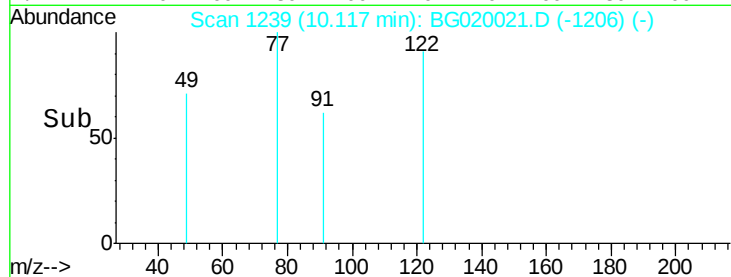


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Time--> 10.08 10.10 10.12 10.14



#33

4-Chloroaniline

Concen: 27.18 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.12 min

Lab File: BG020021.D

Acq: 8 Dec 2015 17:01

Tgt Ion:127 Resp: 55640

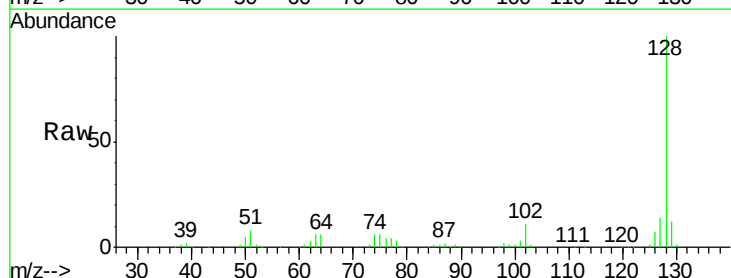
Ion Ratio Lower Upper

127 100

129 81.6 24.6 37.0#

65 0.0 22.6 33.8#

92 0.0 15.1 22.7#



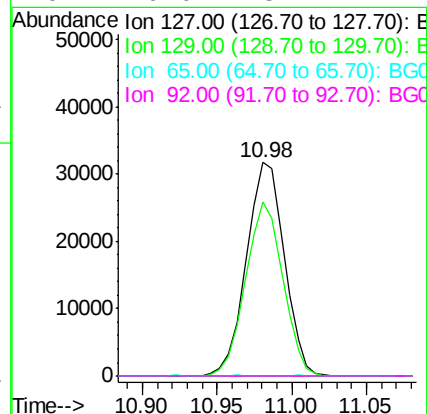
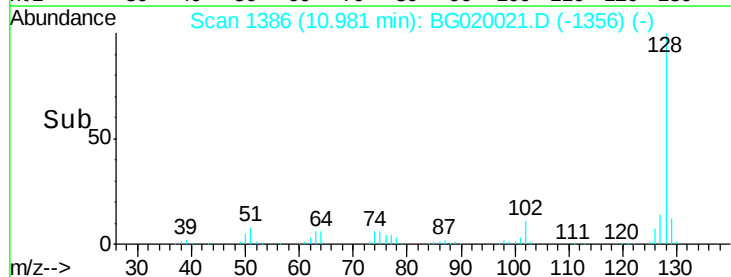
Abundance Ion 127.00 (126.70 to 127.70): E

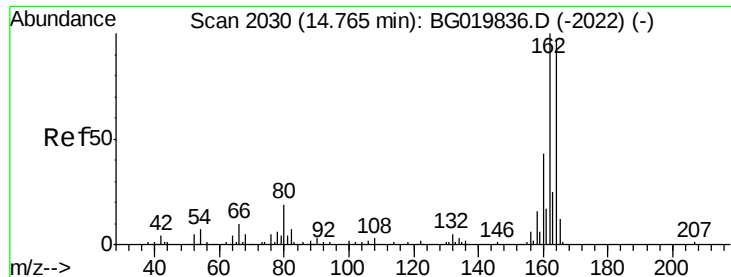
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Time--> 10.90 10.95 11.00 11.05

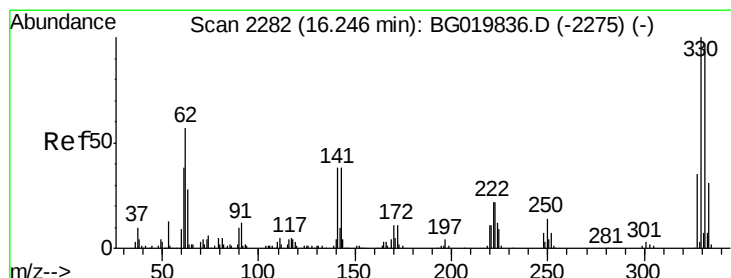
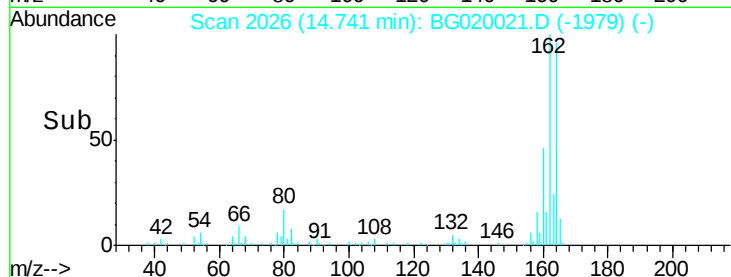
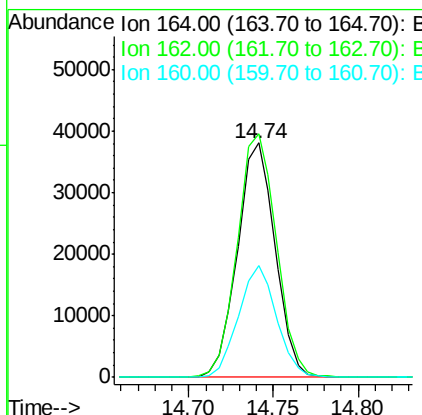
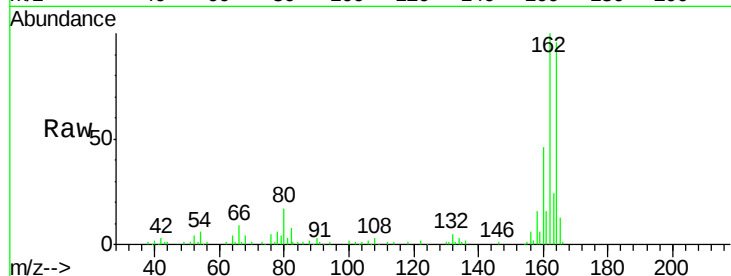




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020021.D
Acq: 8 Dec 2015 17:01

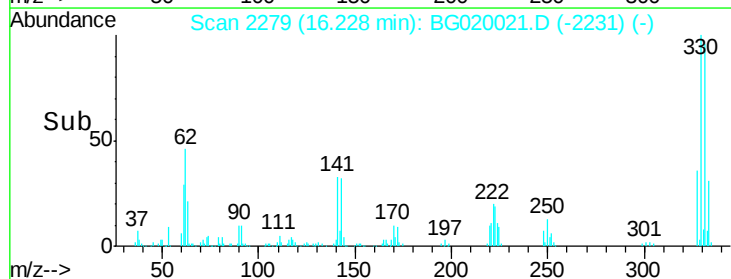
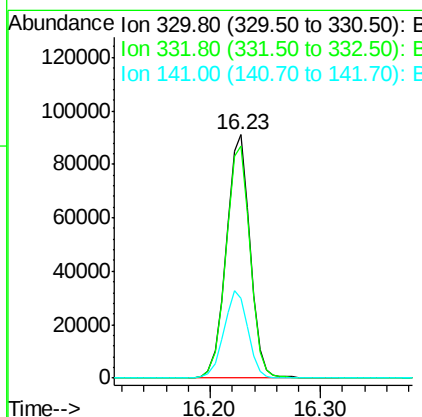
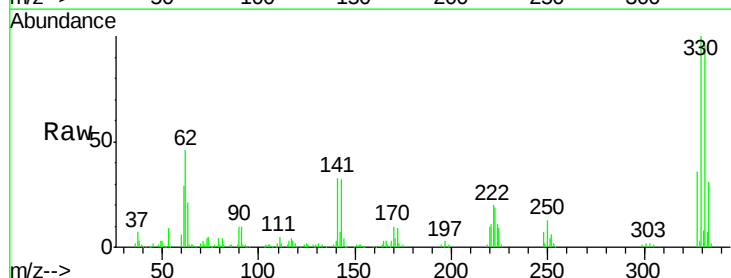
Instrument :
BNA_G
ClientSampled :
MW-15

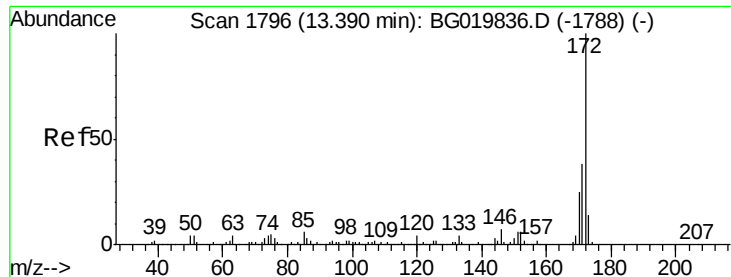
Tgt Ion:164 Resp: 59131
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 47.6 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 151.78 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG020021.D
Acq: 8 Dec 2015 17:01

Tgt Ion:330 Resp: 137321
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 36.2 28.2 42.2

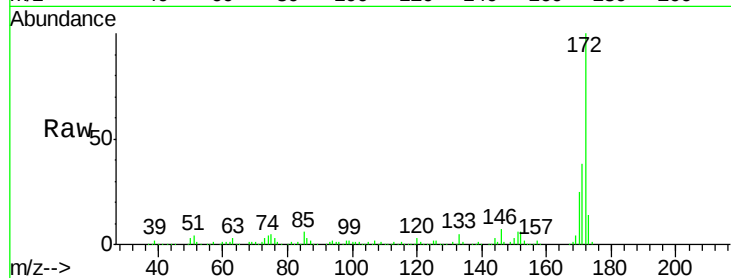




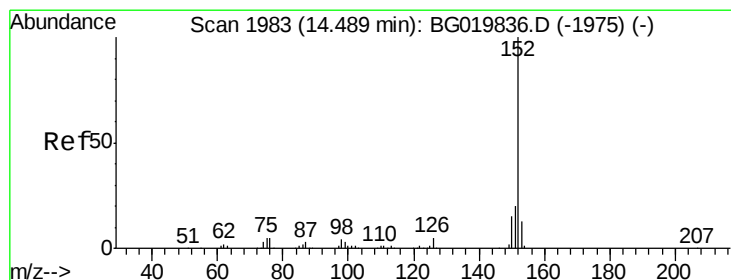
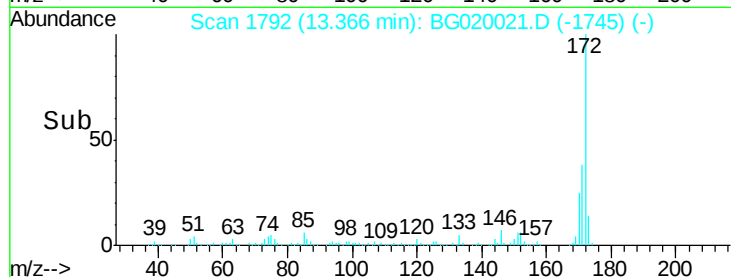
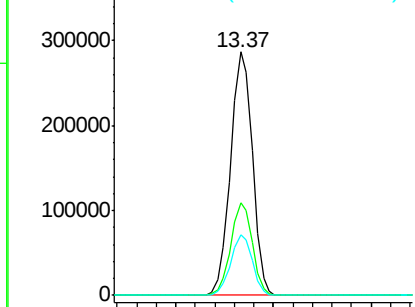
#44
2-Fluorobiphenyl
Concen: 103.05 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020021.D
Acq: 8 Dec 2015 17:01

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	24.6	19.9	29.9

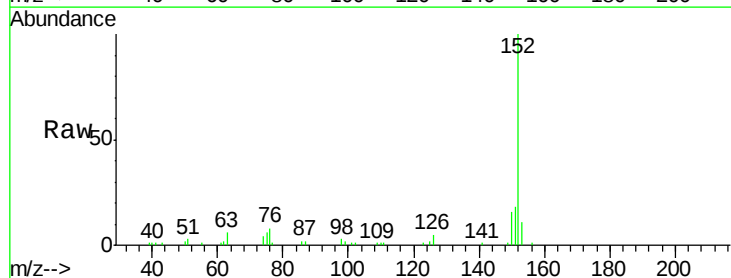


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

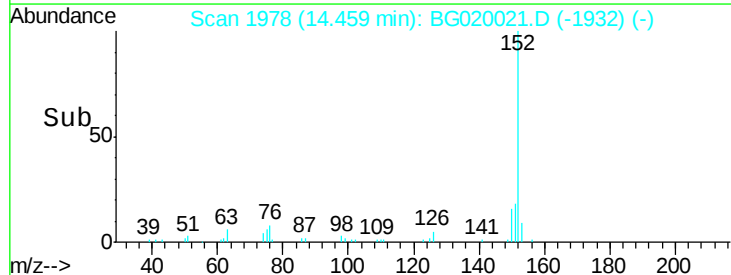
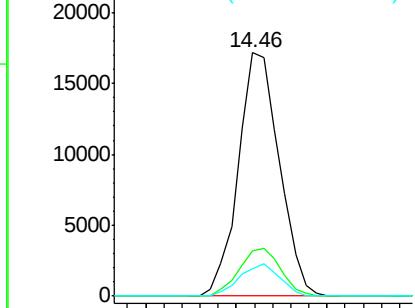


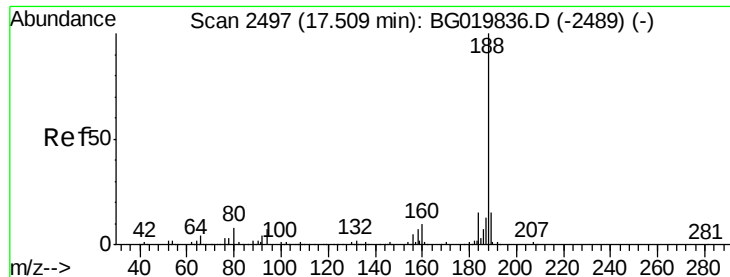
#48
Acenaphthylene
Concen: 4.23 ng
RT: 14.46 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG020021.D
Acq: 8 Dec 2015 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.3	17.0	25.4
153	11.0	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

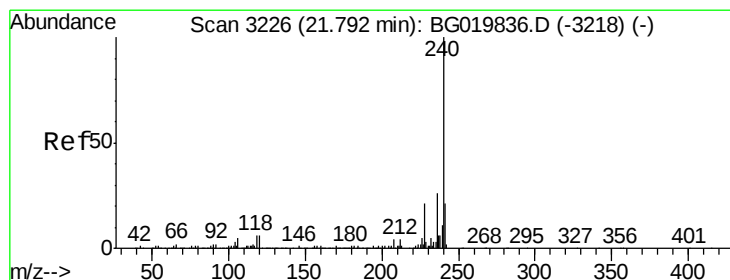
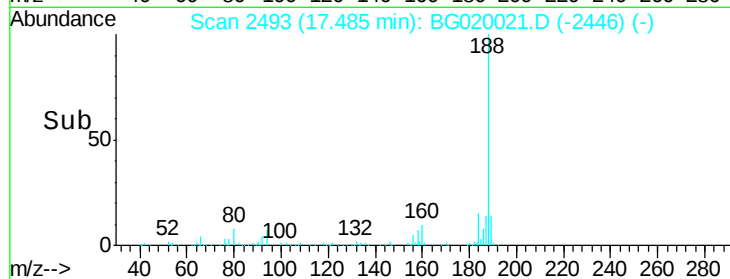
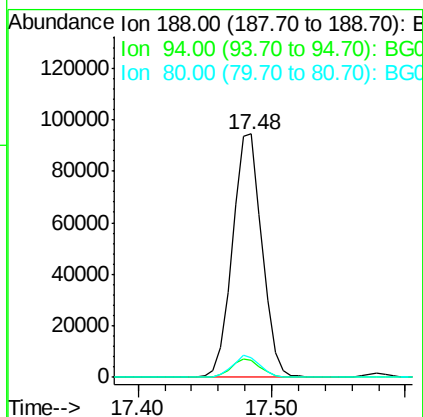
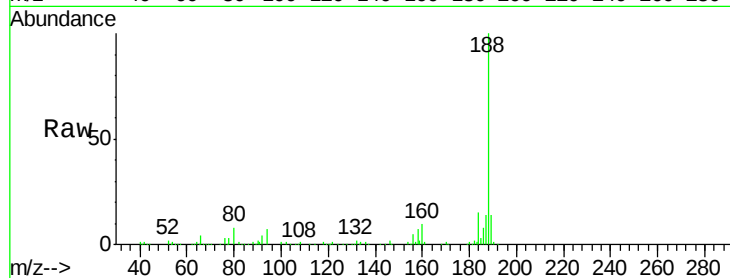




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG020021.D
Acq: 8 Dec 2015 17:01

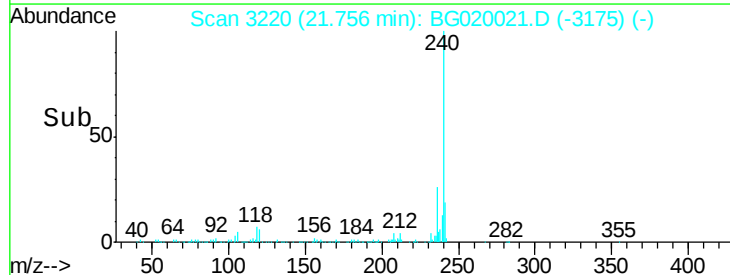
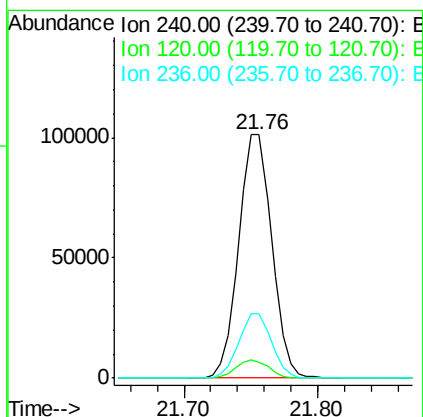
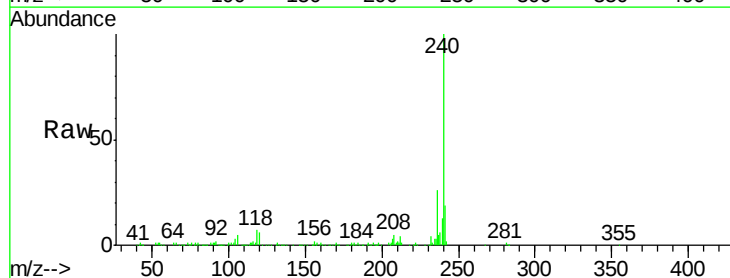
Instrument :
BNA_G
ClientSampleId :
MW-15

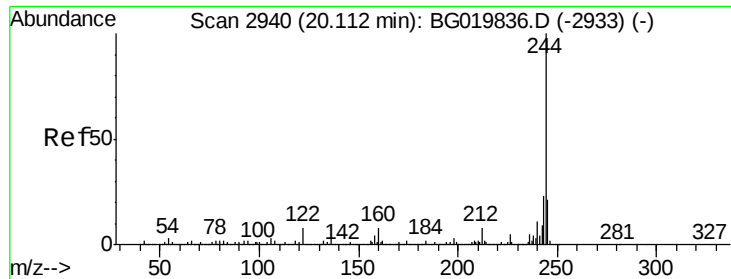
Tgt Ion:188 Resp: 145060
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 8.3 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG020021.D
Acq: 8 Dec 2015 17:01

Tgt Ion:240 Resp: 173969
Ion Ratio Lower Upper
240 100
120 6.2 7.4 11.0#
236 26.3 20.7 31.1

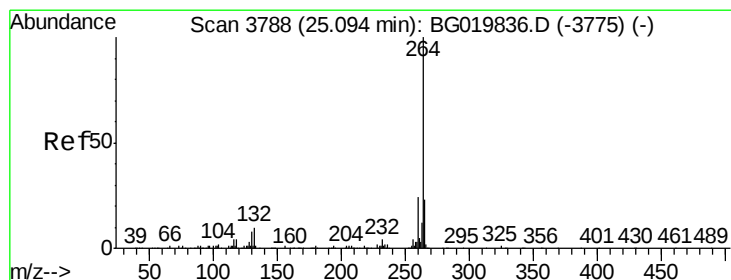
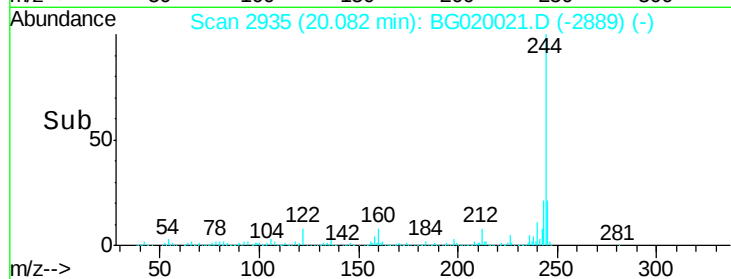
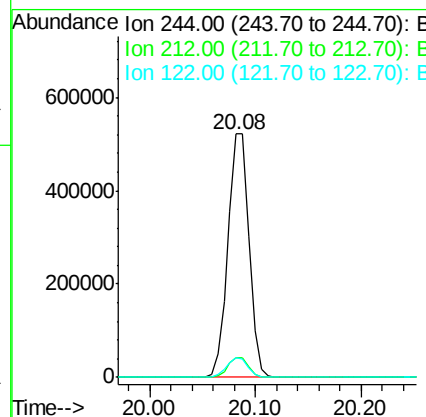
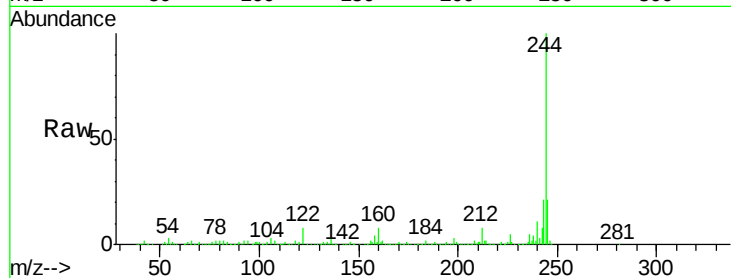




#78
 Terphenyl-d14
 Concen: 101.39 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020021.D
 Acq: 8 Dec 2015 17:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	8.3	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG020021.D
 Acq: 8 Dec 2015 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	23.1	17.2	25.8

