

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020090.D
 Acq On : 11 Dec 2015 1:30
 Operator : UM/SJ
 Sample : G4676-10DL 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Quant Time: Dec 11 04:50:40 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

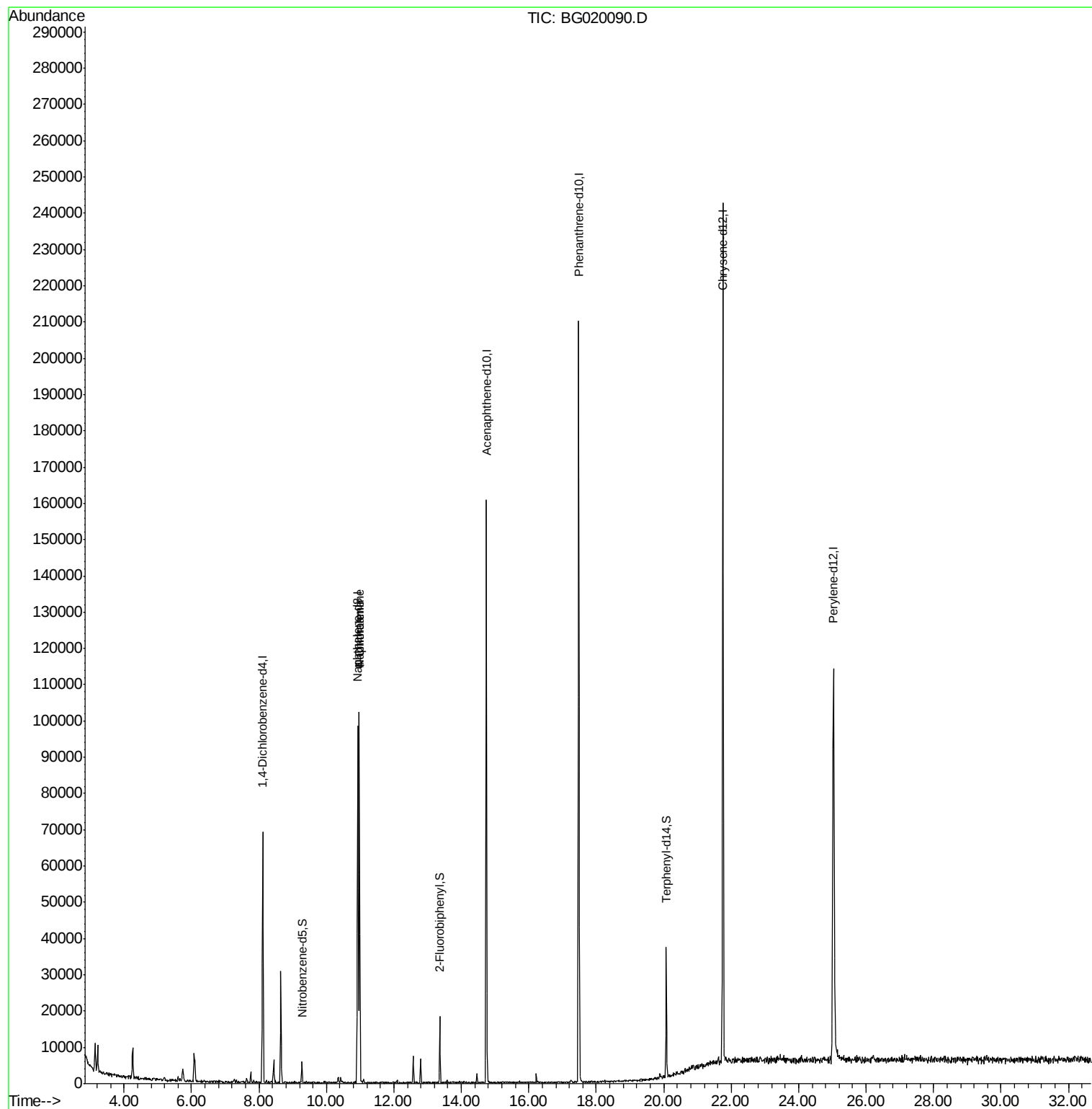
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19525	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	86474	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56973	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	134098	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	159882	20.00	ng	-0.04
86) Perylene-d12	25.04	264	143285	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	552	0.51	ng	-0.01
7) Phenol-d6	7.26	99	620	0.38	ng	-0.01
23) Nitrobenzene-d5	9.27	82	4052	2.39	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	958	1.10	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	10320	2.47	ng	-0.03
78) Terphenyl-d14	20.08	244	18522	2.83	ng	-0.03
Target Compounds						
31) Naphthalene	10.98	128	87833	18.96	ng	Qvalue 99
33) 4-Chloroaniline	10.98	127	11778	5.77	ng	# 39

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

Instrument :

BNA_F

ClientSampleId :

MW-16DL

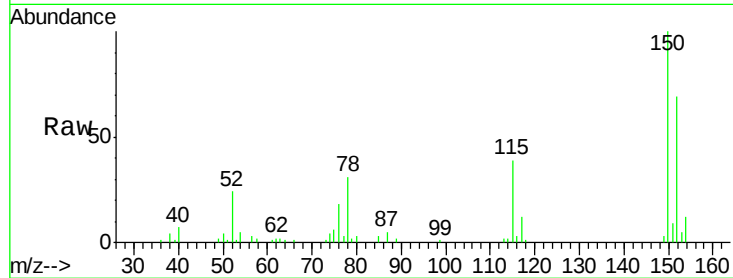
Tgt Ion:152 Resp: 19525

Ion Ratio Lower Upper

152 100

150 145.2 115.0 172.4

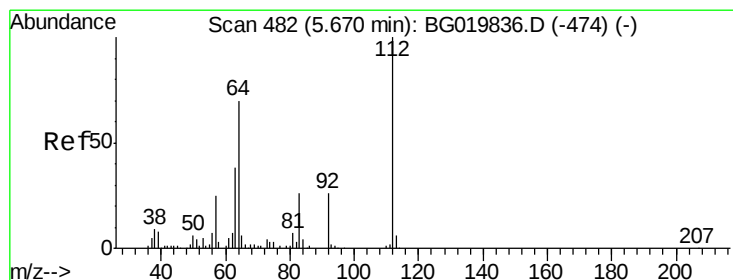
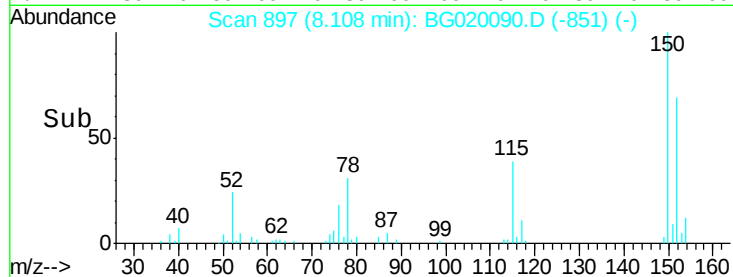
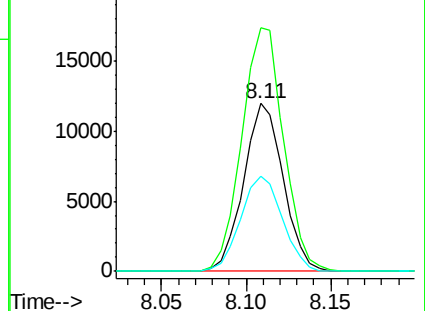
115 57.0 43.9 65.9



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: 0.51 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

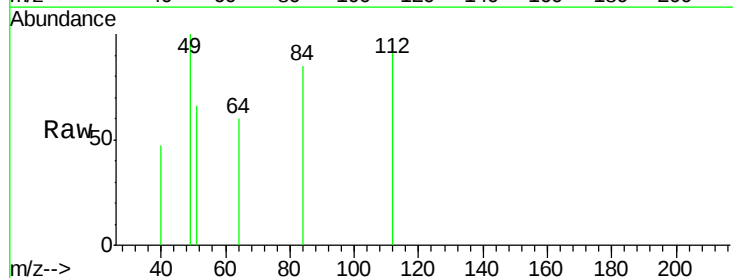
Tgt Ion:112 Resp: 552

Ion Ratio Lower Upper

112 100

64 63.9 43.7 65.5

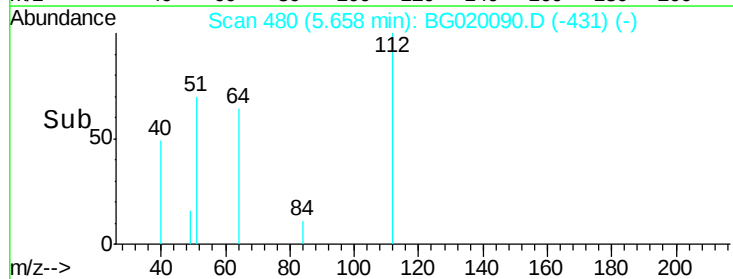
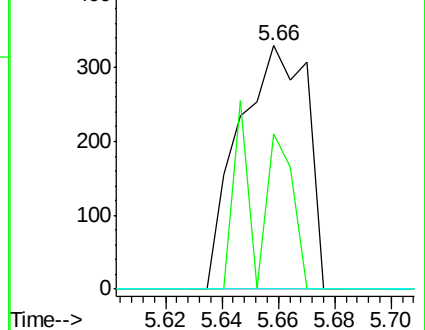
63 0.0 24.0 36.0#

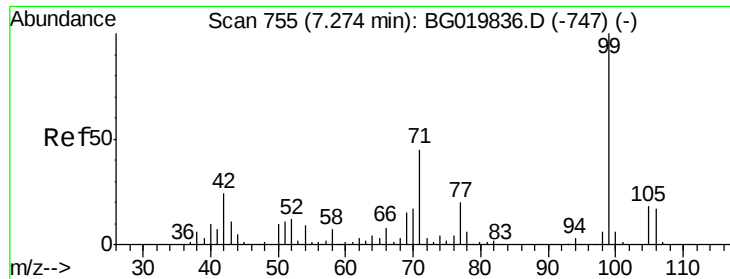


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 0.38 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

Instrument :

BNA_F

ClientSampled :

MW-16DL

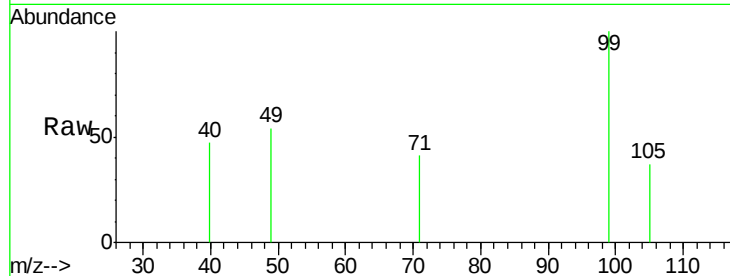
Tgt Ion: 99 Resp: 620

Ion Ratio Lower Upper

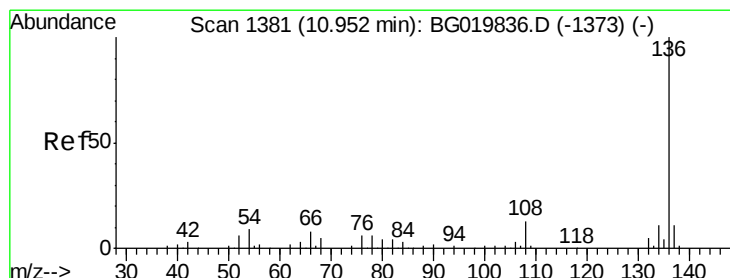
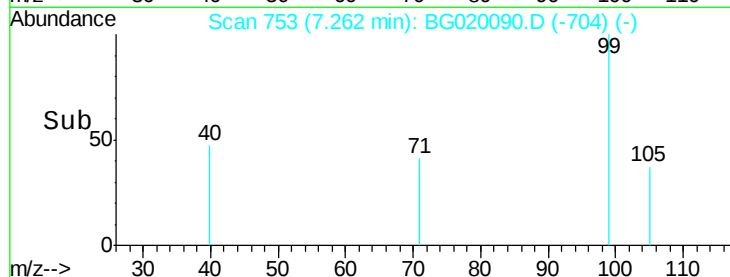
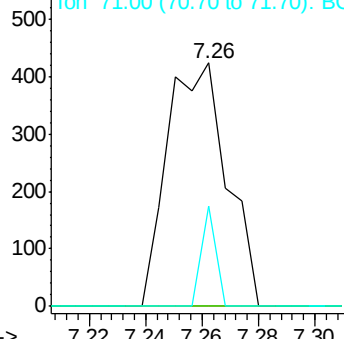
99 100

42 0.0 11.5 17.3#

71 41.3 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: BG020090.D

Acq: 11 Dec 2015 1:30

Tgt Ion: 136 Resp: 86474

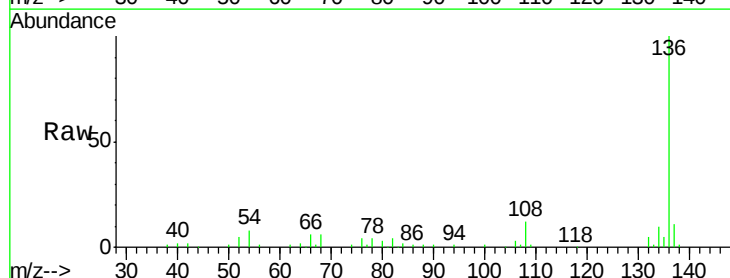
Ion Ratio Lower Upper

136 100

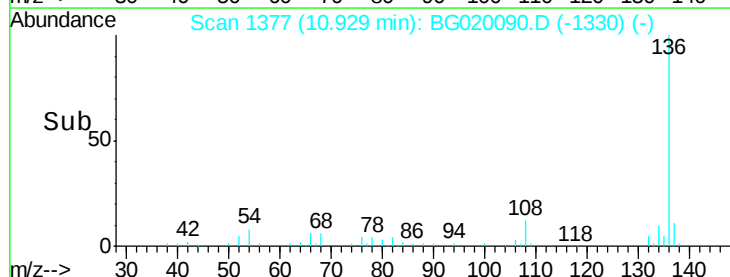
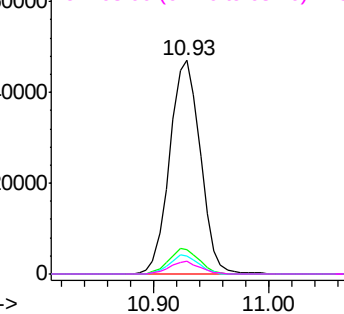
137 11.1 8.6 12.8

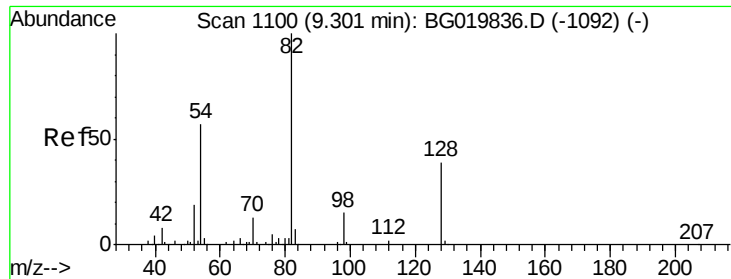
54 8.3 5.4 8.2#

68 6.1 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

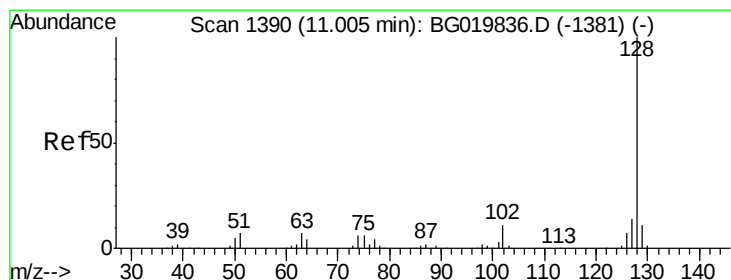
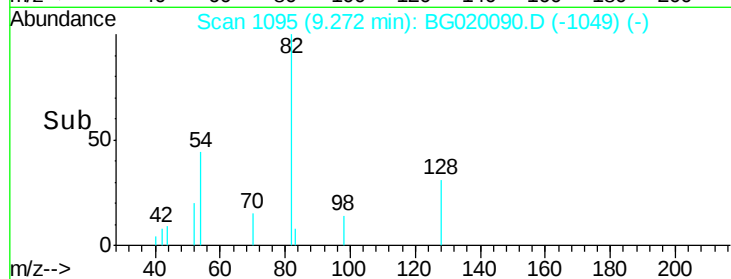
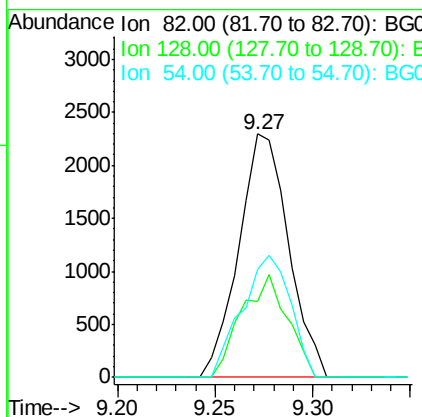
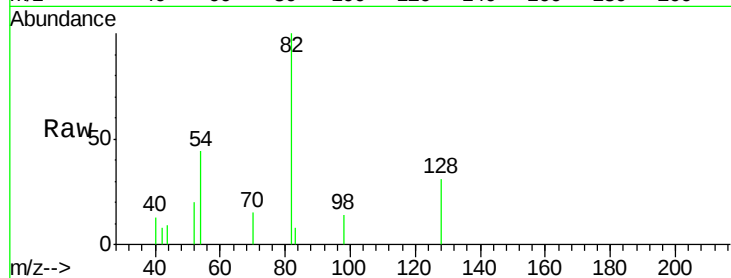




#23
 Nitrobenzene-d5
 Concen: 2.39 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

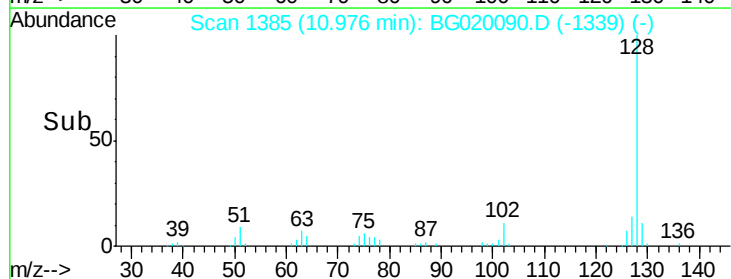
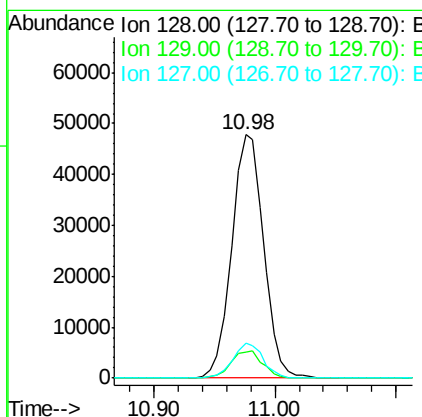
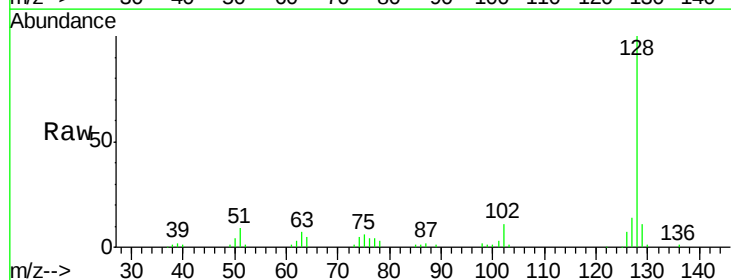
Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

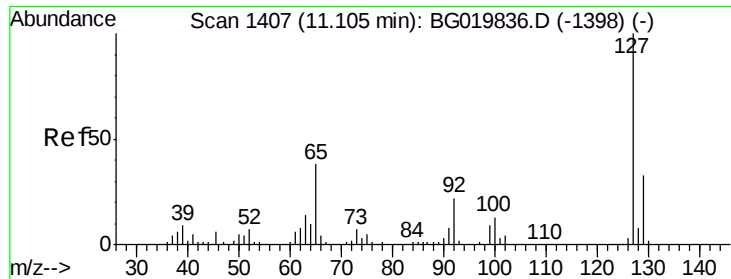
Tgt Ion: 82 Resp: 4052
 Ion Ratio Lower Upper
 82 100
 128 31.2 36.7 55.1#
 54 44.2 33.8 50.8



#31
 Naphthalene
 Concen: 18.96 ng
 RT: 10.98 min Scan# 1385
 Delta R.T. -0.03 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

Tgt Ion: 128 Resp: 87833
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.5 12.7
 127 14.3 10.6 16.0

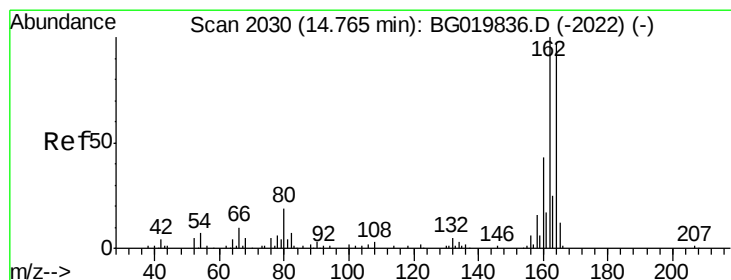
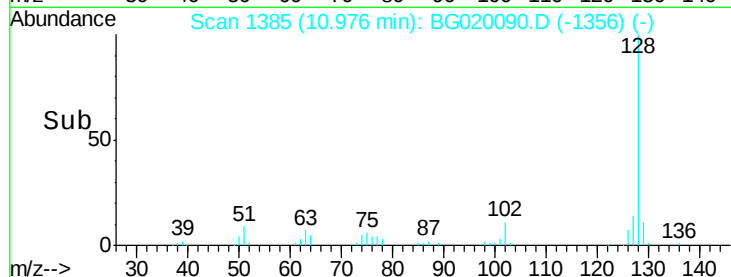
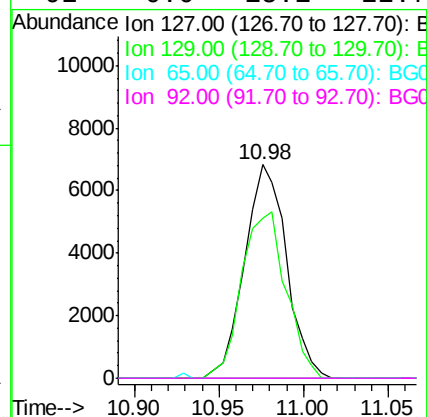
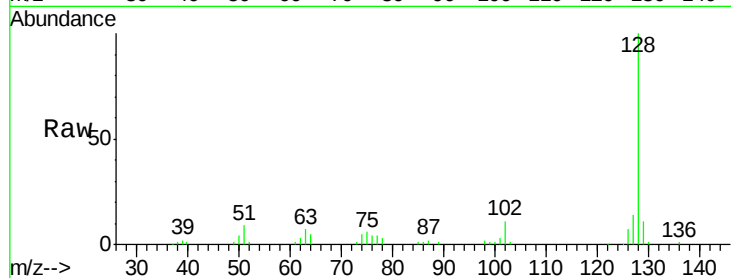




#33
4-Chloroaniline
Concen: 5.77 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.13 min
Lab File: BG020090.D
Acq: 11 Dec 2015 1:30

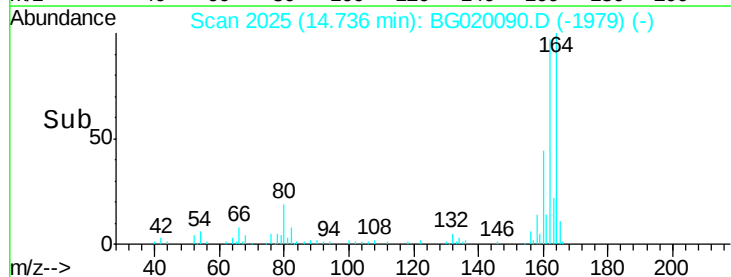
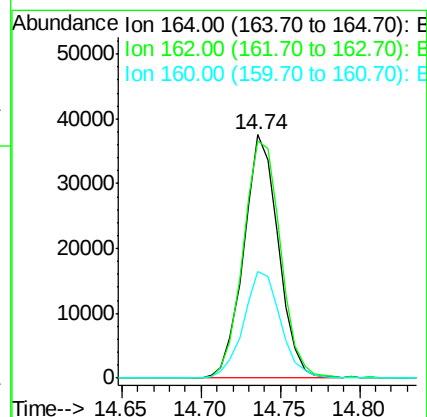
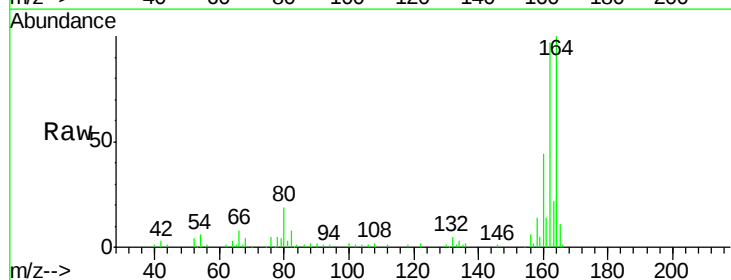
Instrument :
BNA_F
ClientSampleId :
MW-16DL

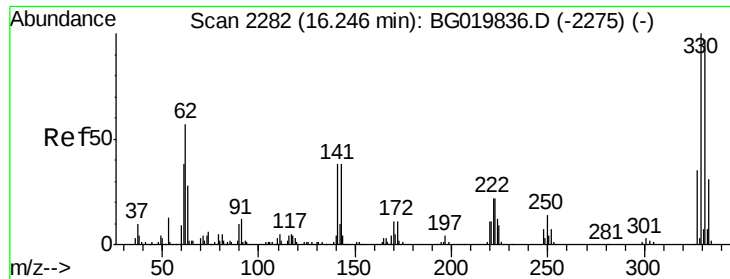
Tgt Ion:127 Resp: 11778
Ion Ratio Lower Upper
127 100
129 75.0 24.6 37.0#
65 0.0 22.6 33.8#
92 0.0 15.1 22.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020090.D
Acq: 11 Dec 2015 1:30

Tgt Ion:164 Resp: 56973
Ion Ratio Lower Upper
164 100
162 97.3 78.8 118.2
160 43.6 36.4 54.6

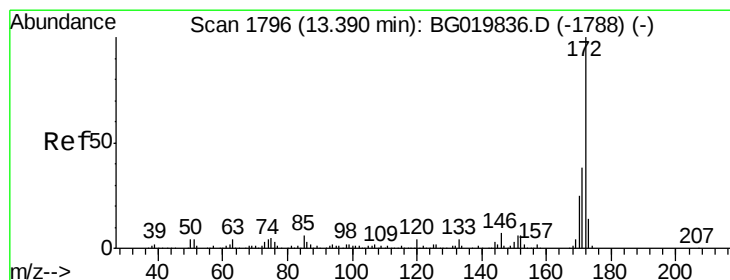
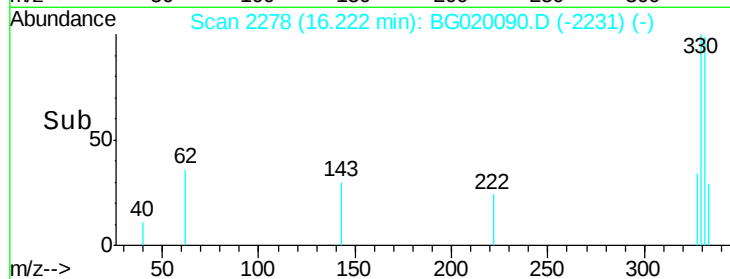
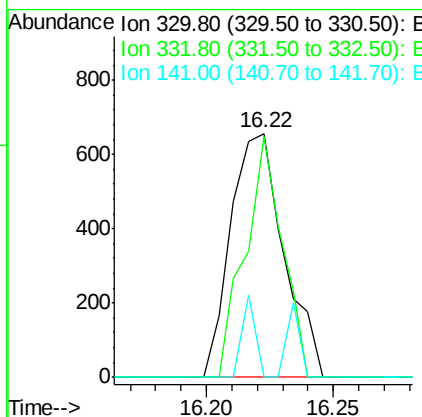
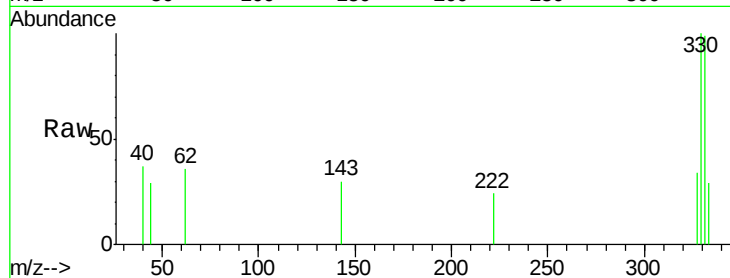




#41
 2,4,6-Tribromophenol
 Concen: 1.10 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

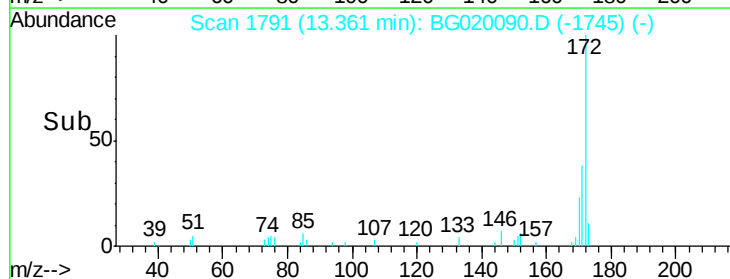
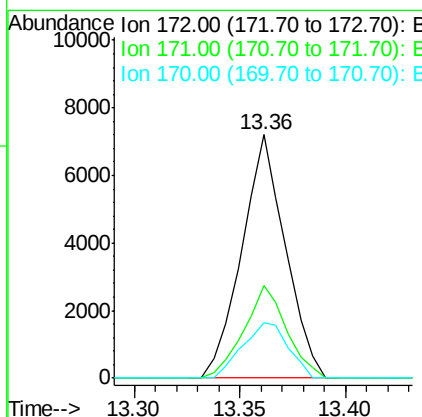
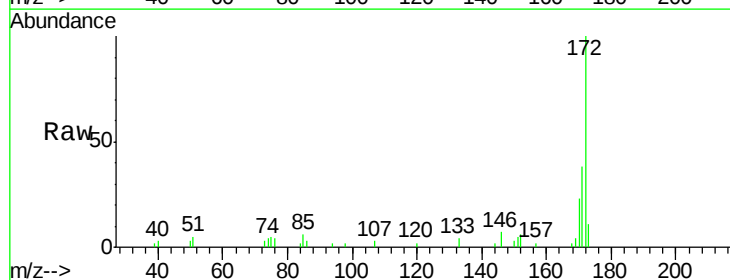
Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

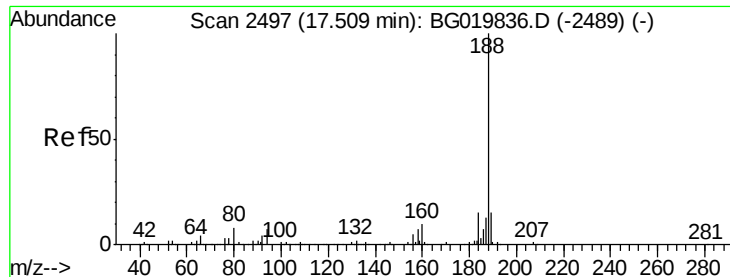
Tgt Ion: 330 Resp: 958
 Ion Ratio Lower Upper
 330 100
 332 69.7 78.1 117.1#
 141 8.1 28.2 42.2#



#44
 2-Fluorobiphenyl
 Concen: 2.47 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

Tgt Ion: 172 Resp: 10320
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.0 43.6
 170 22.7 19.9 29.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

Instrument :

BNA_F

ClientSampleId :

MW-16DL

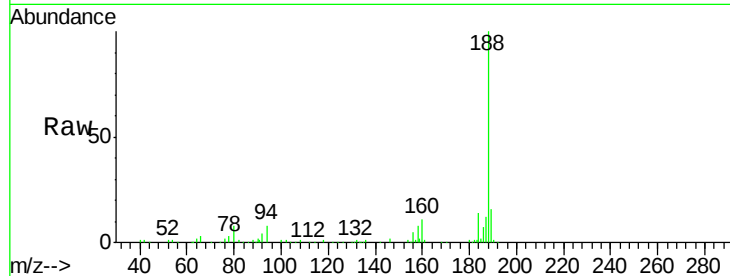
Tgt Ion:188 Resp: 134098

Ion Ratio Lower Upper

188 100

94 7.8 7.7 11.5

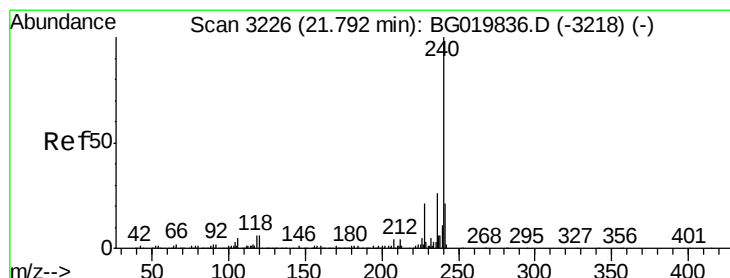
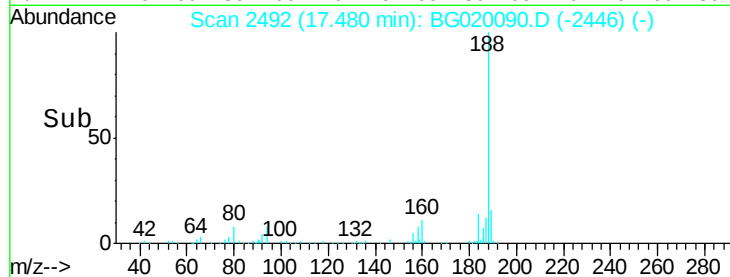
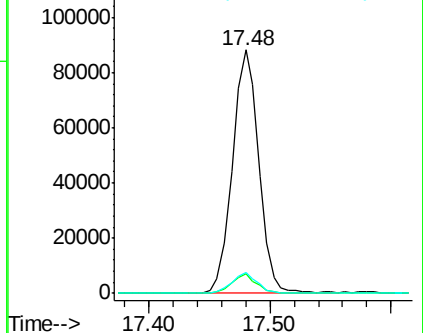
80 8.4 7.8 11.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

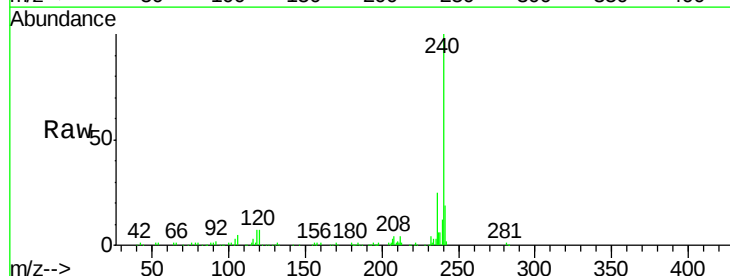
Tgt Ion:240 Resp: 159882

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

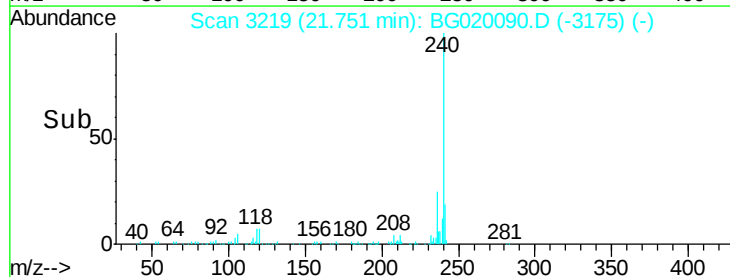
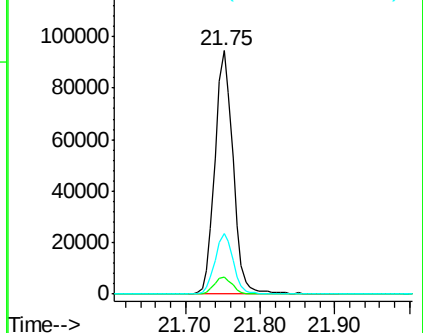
236 24.9 20.7 31.1

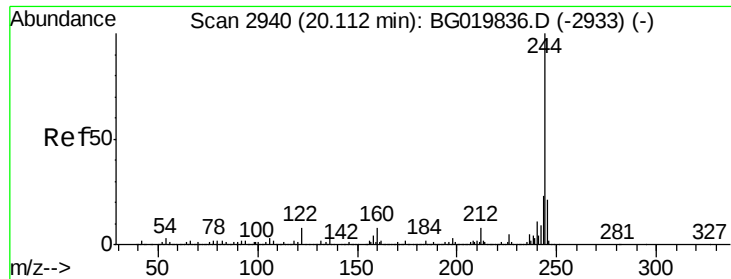


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

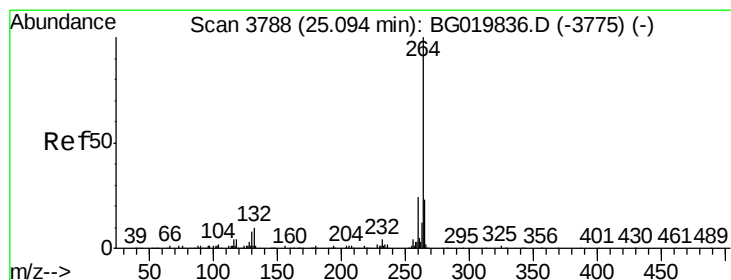
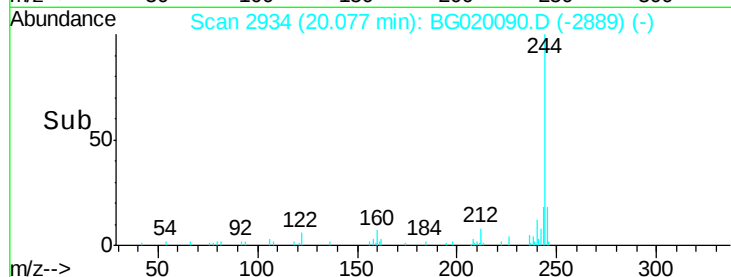
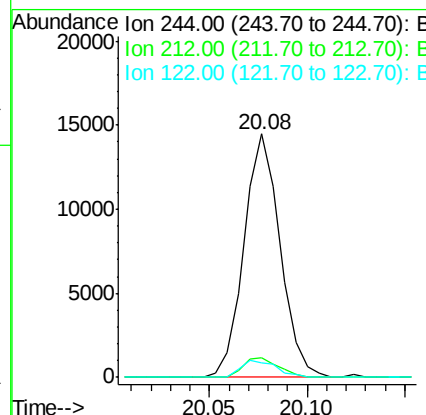
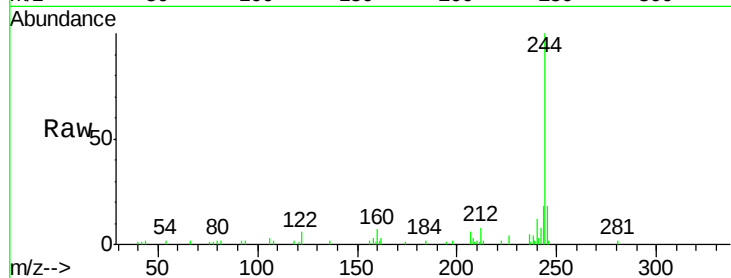




#78
 Terphenyl-d14
 Concen: 2.83 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.03 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

Instrument :
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 MW-16DL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	6.0	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	17.2	25.8

