

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022360.D
 Acq On : 15 Jun 2016 8:43
 Operator : UM/SJ
 Sample : H3542-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Quant Time: Jun 15 14:14:51 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

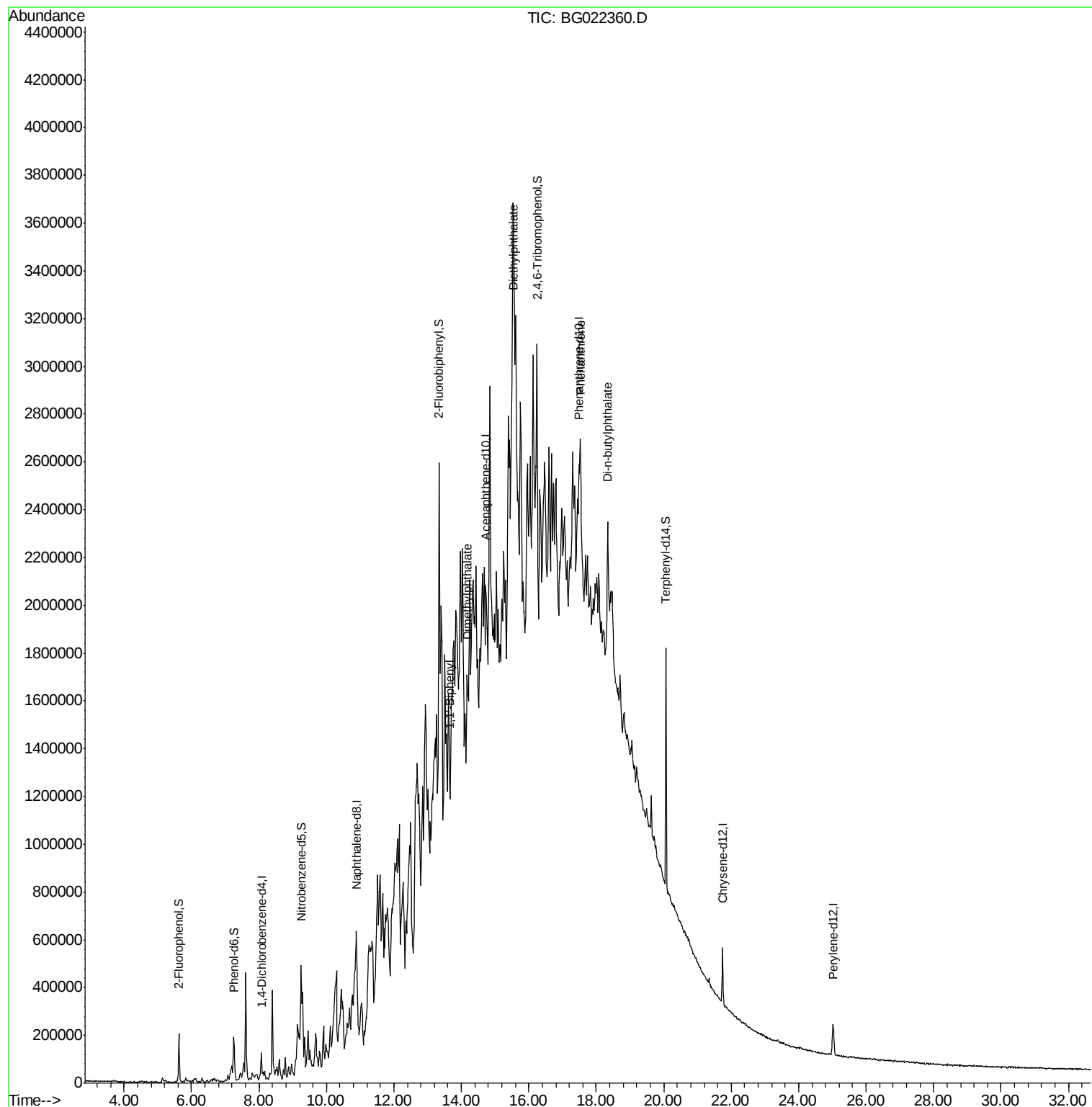
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	36191	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	177133	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	103268	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	192124	20.00	ng	0.02
75) Chrysene-d12	21.74	240	149058	20.00	ng	0.00
86) Perylene-d12	25.02	264	146766	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	141531	75.61	ng	-0.01
7) Phenol-d6	7.26	99	138878	47.19	ng	0.00
23) Nitrobenzene-d5	9.25	82	233745	92.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	140970	120.81	ng	0.02
44) 2-Fluorobiphenyl	13.34	172	538526	79.47	ng	0.00
78) Terphenyl-d14	20.07	244	448994	71.51	ng	0.00
Target Compounds						
45) 1,1'-Biphenyl	13.65	154	35790	4.61	ng	Qvalue 81
49) Dimethylphthalate	14.18	163	107104	12.51	ng	# 90
59) Diethylphthalate	15.52	149	896515	98.02	ng	# 69
70) Phenanthrene	17.53	178	48084	4.61	ng	# 53
73) Di-n-butylphthalate	18.35	149	251057	19.59	ng	# 79

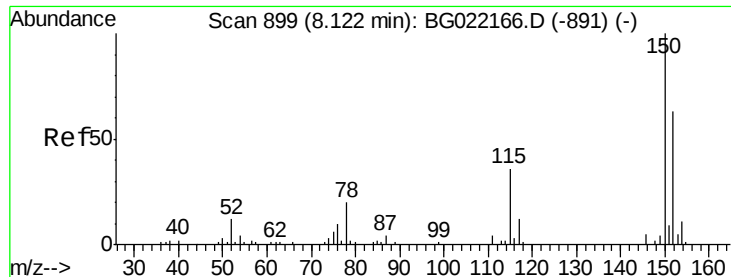
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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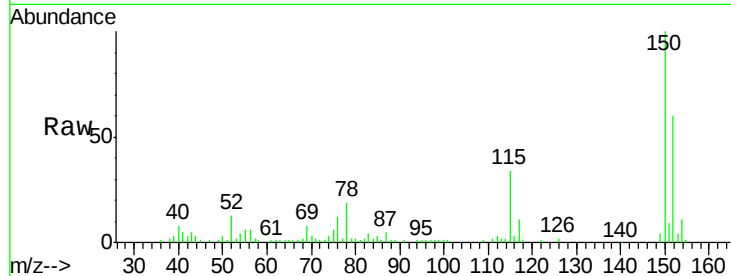


#1

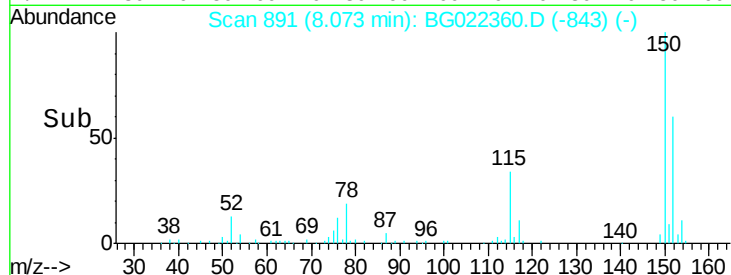
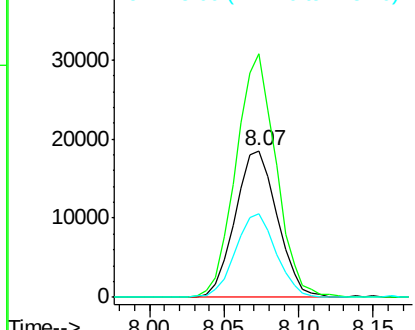
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

Instrument :
BNA_G
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.8	130.1	195.1
115	57.0	62.2	93.2#



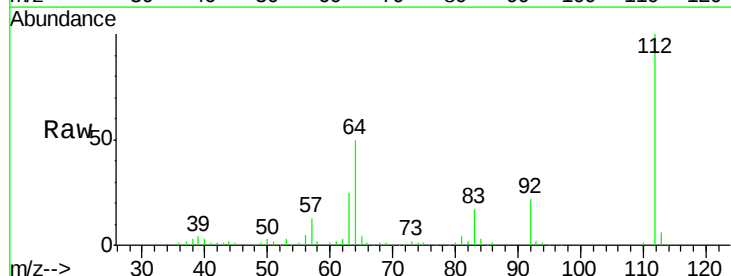
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



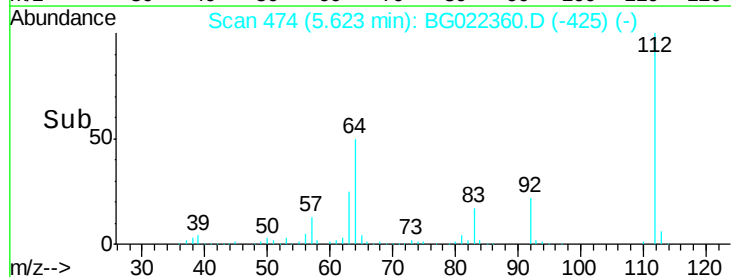
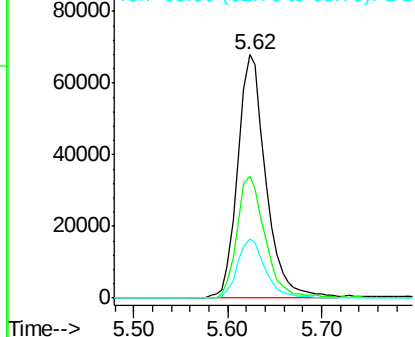
#5

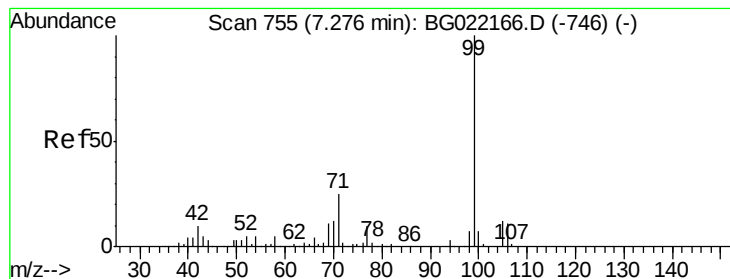
2-Fluorophenol
Concen: 75.61 ng
RT: 5.62 min Scan# 474
Delta R.T. -0.01 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	51.1	76.7#
63	24.6	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: 47.19 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.01 min

Lab File: BG022360.D

Acq: 15 Jun 2016 8:43

Instrument :

BNA_G

ClientSampleId :

MW-12

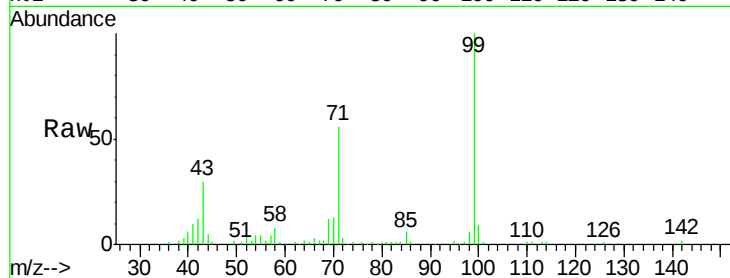
Tot Ion: 99 Resp: 138878

Ion Ratio Lower Upper

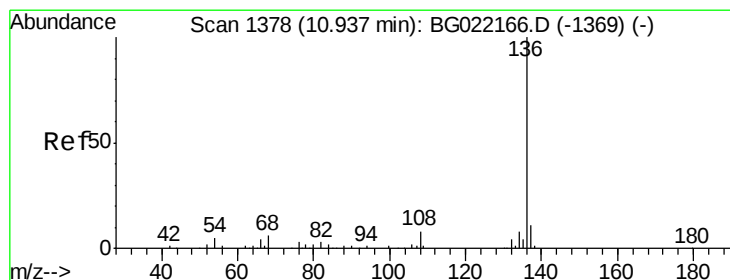
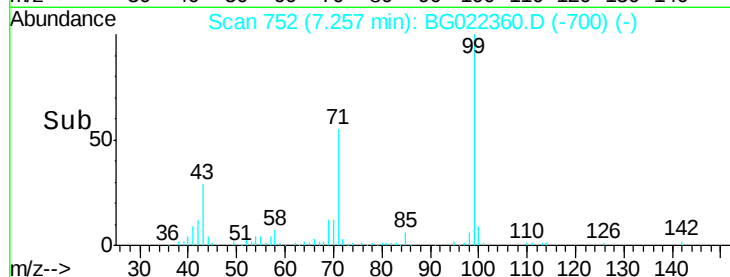
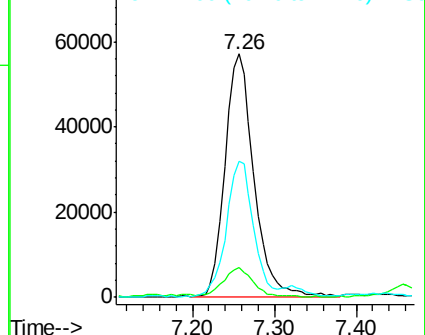
99 100

42 12.0 16.4 24.6#

71 55.7 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: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022360.D

Acq: 15 Jun 2016 8:43

Tgt Ion: 136 Resp: 177133

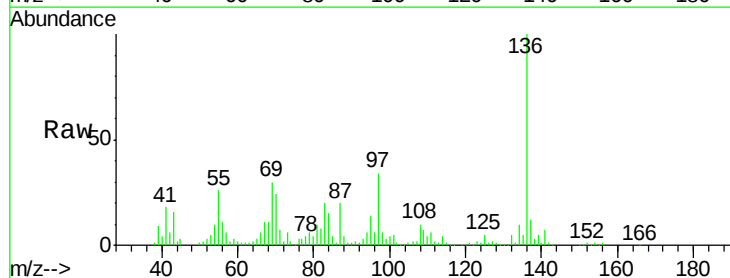
Ion Ratio Lower Upper

136 100

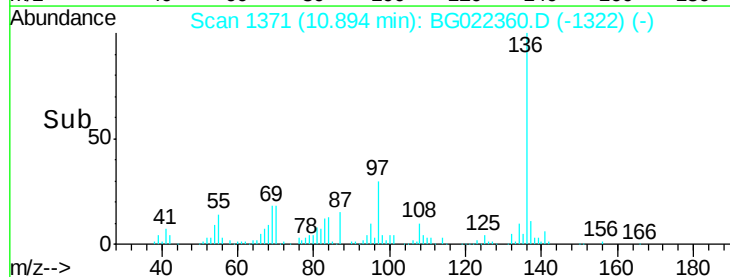
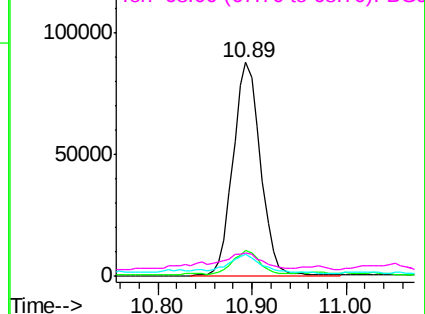
137 12.1 9.0 13.4

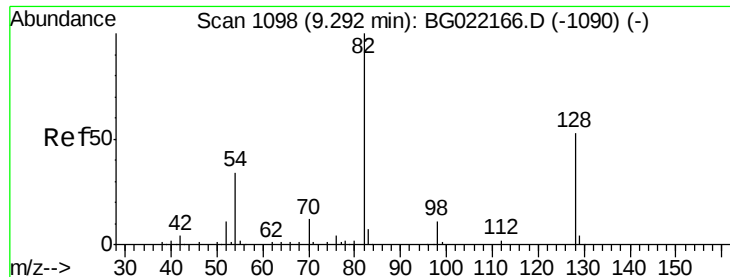
54 9.9 9.6 14.4

68 11.0 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

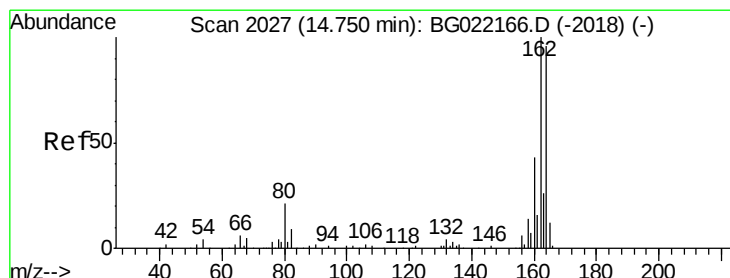
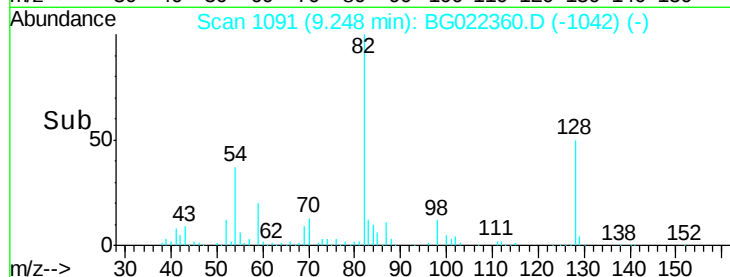
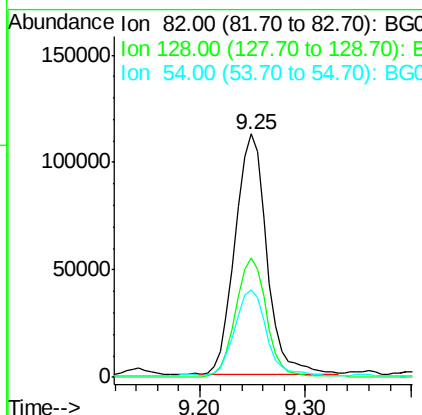
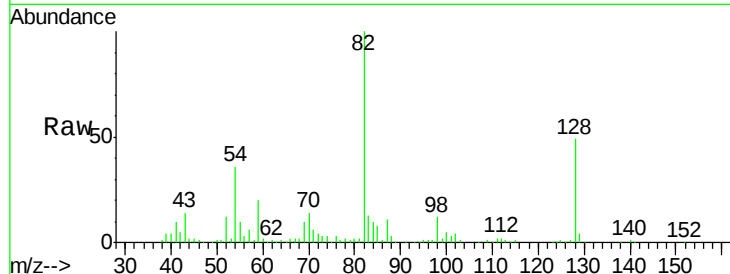




#23
 Nitrobenzene-d5
 Concen: 92.00 ng
 RT: 9.25 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BG022360.D
 Acq: 15 Jun 2016 8:43

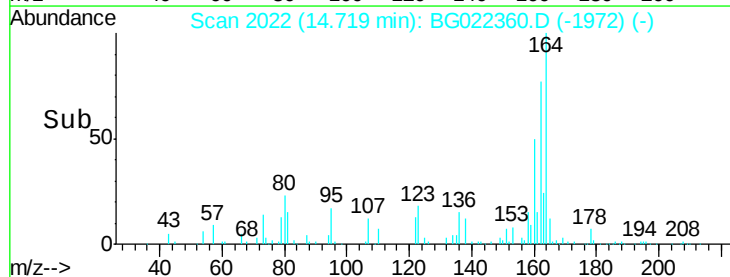
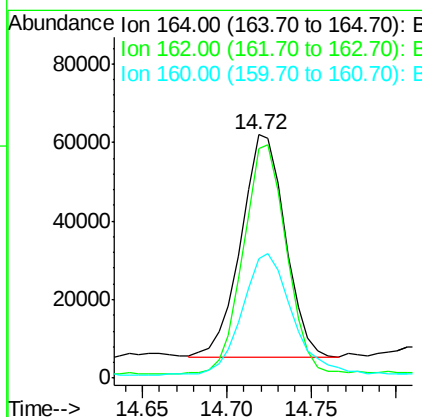
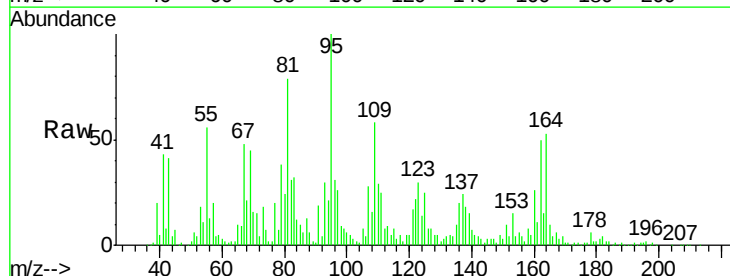
Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Tot Ion	82	Resp	233745
Ion Ratio	Lower	Upper	
82	100		
128	48.9	33.4	50.0
54	36.0	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BG022360.D
 Acq: 15 Jun 2016 8:43

Tgt Ion	164	Resp	103268
Ion Ratio	Lower	Upper	
164	100		
162	94.1	78.0	117.0
160	49.2	32.9	49.3

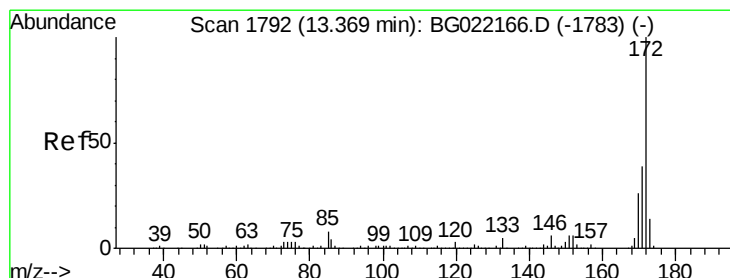
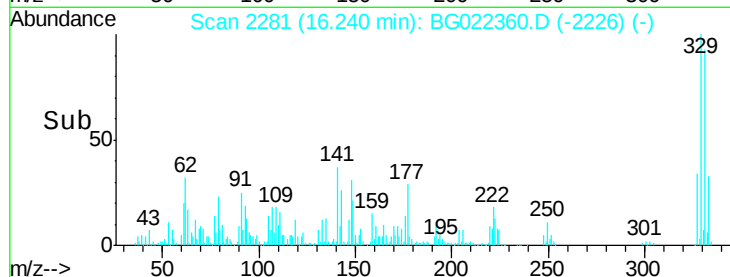
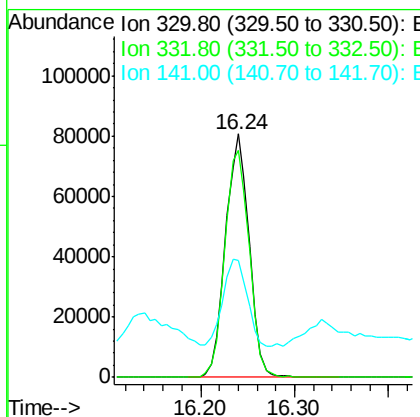
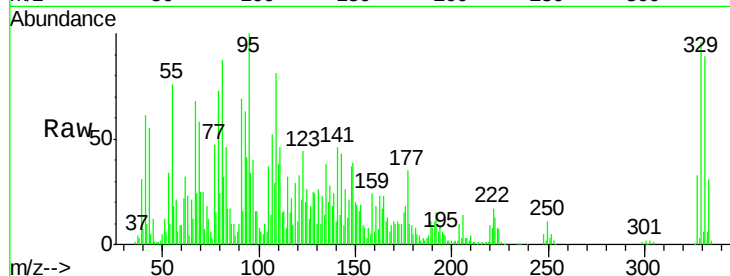




#41
 2,4,6-Tribromophenol
 Concen: 120.81 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. 0.02 min
 Lab File: BG022360.D
 Acq: 15 Jun 2016 8:43

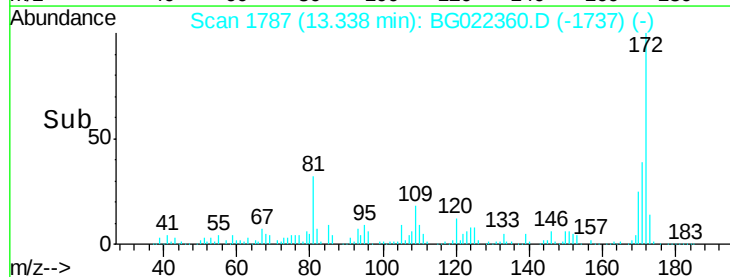
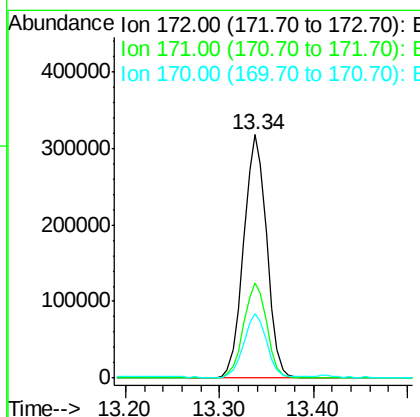
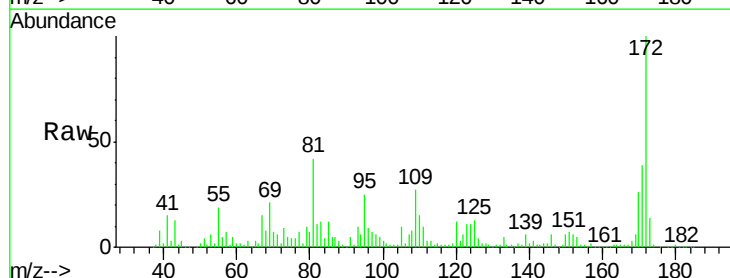
Instrument :
 BNA_G
 ClientSampled :
 MW-12

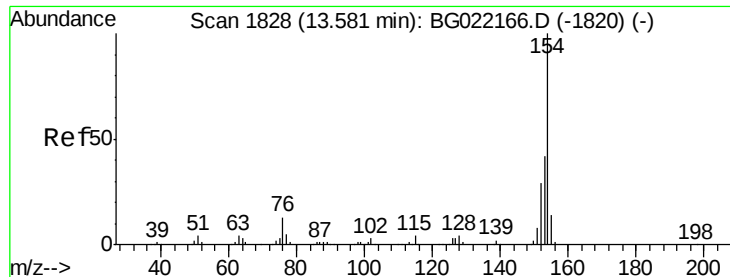
Tot Ion:330 Resp: 140970
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.0 117.0
 141 36.0 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 79.47 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG022360.D
 Acq: 15 Jun 2016 8:43

Tgt Ion:172 Resp: 538526
 Ion Ratio Lower Upper
 172 100
 171 39.1 27.8 41.6
 170 26.4 19.6 29.4

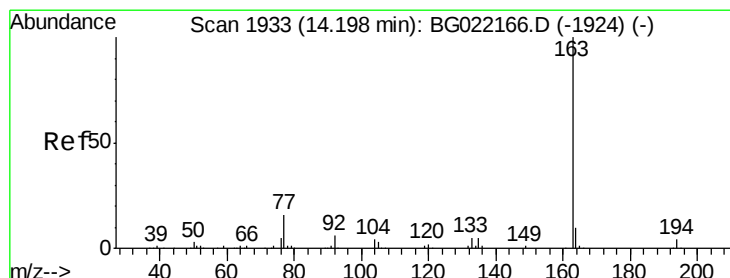
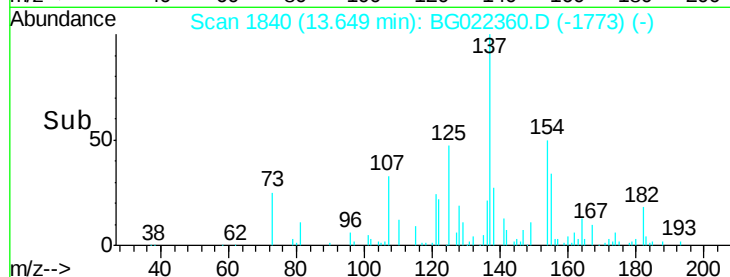
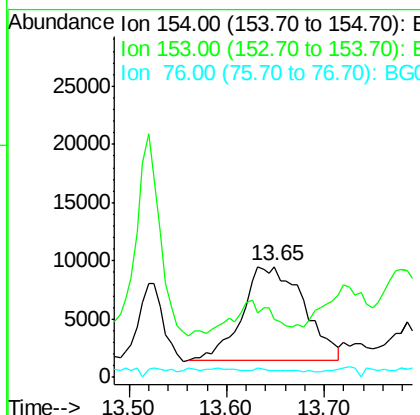
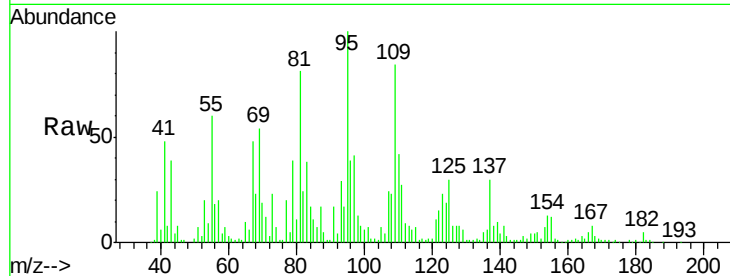




#45
1,1'-Biphenyl
Concen: 4.61 ng
RT: 13.65 min Scan# 1840
Delta R.T. 0.09 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

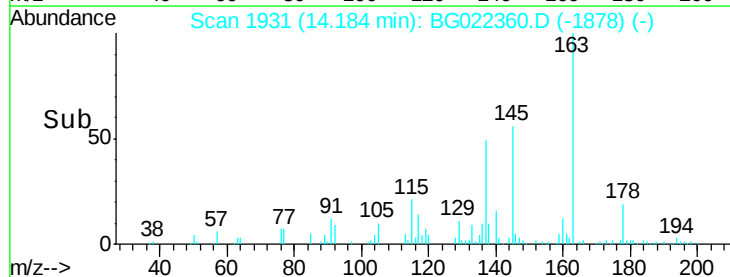
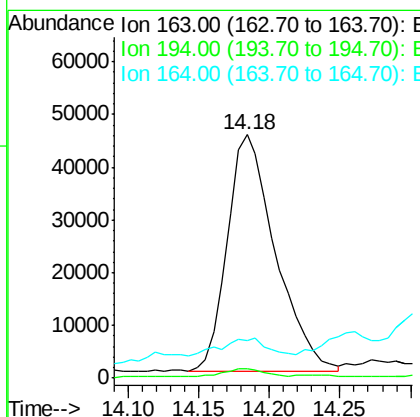
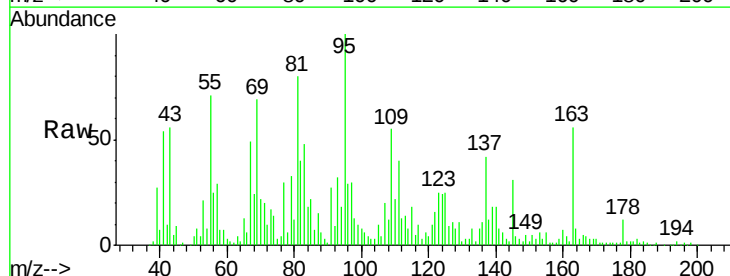
Instrument :
BNA_G
ClientSampleId :
MW-12

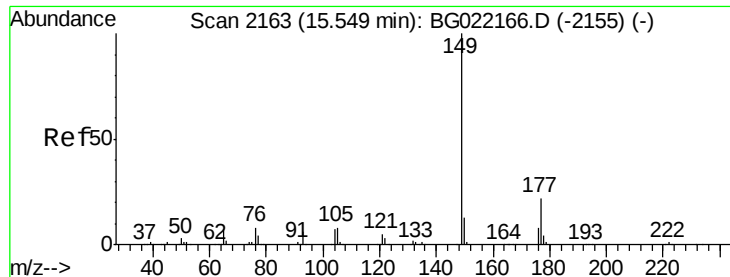
Tot Ion:154 Resp: 35790
Ion Ratio Lower Upper
154 100
153 51.7 19.7 59.7
76 6.3 0.0 33.0



#49
Dimethylphthalate
Concen: 12.51 ng
RT: 14.18 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

Tgt Ion:163 Resp: 107104
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 15.2 8.1 12.1#





#59

Diethylphthalate

Concen: 98.02 ng

RT: 15.52 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG022360.D

Acq: 15 Jun 2016 8:43

Instrument :

BNA_G

ClientSampleId :

MW-12

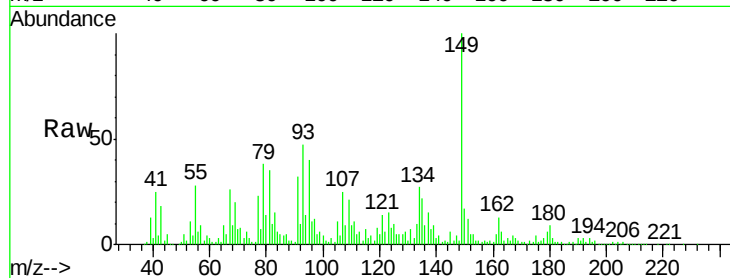
Tot Ion:149 Resp: 896515

Ion Ratio Lower Upper

149 100

177 1.7 17.3 25.9#

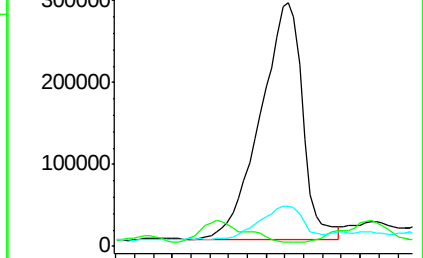
150 16.7 9.7 14.5#



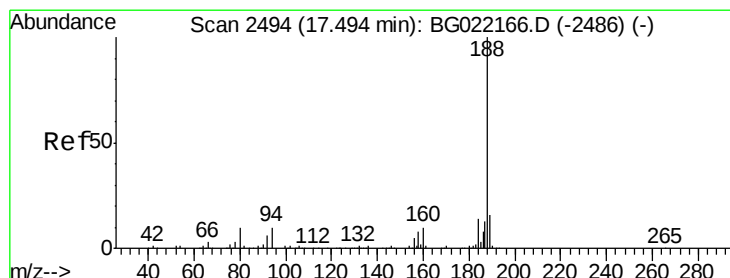
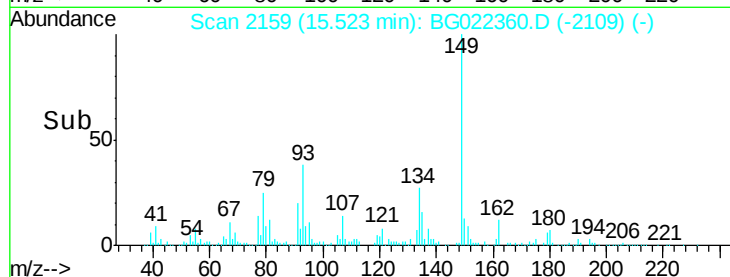
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BG022360.D

Acq: 15 Jun 2016 8:43

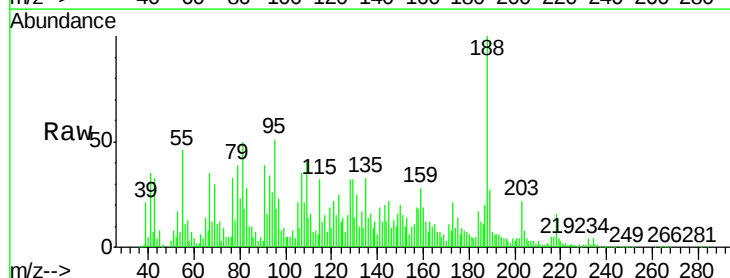
Tgt Ion:188 Resp: 192124

Ion Ratio Lower Upper

188 100

94 26.4 7.5 11.3#

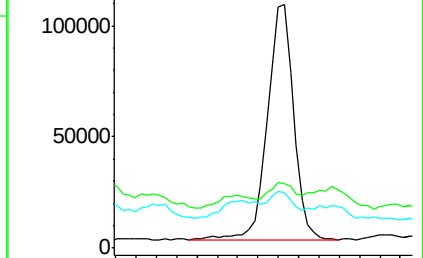
80 22.8 8.6 13.0#



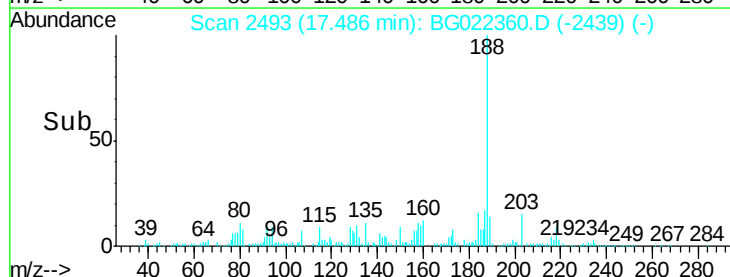
Abundance Ion 188.00 (187.70 to 188.70): E

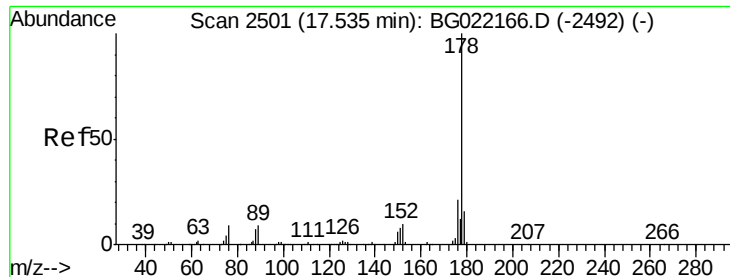
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

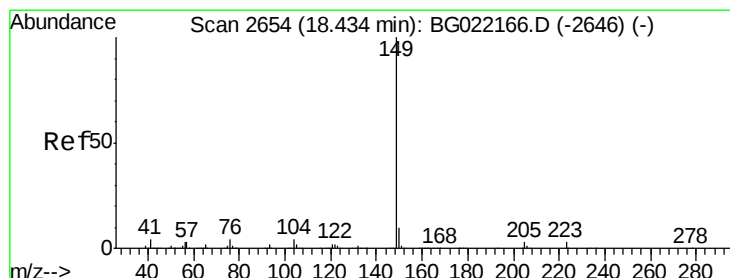
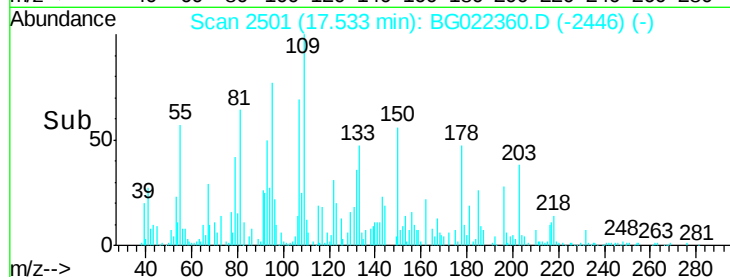
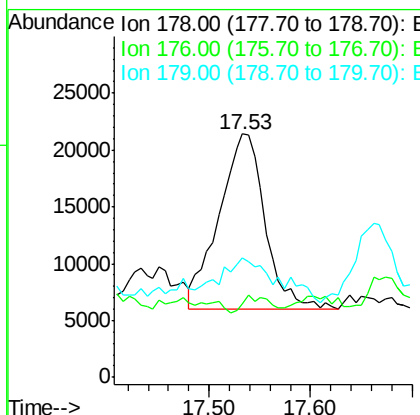
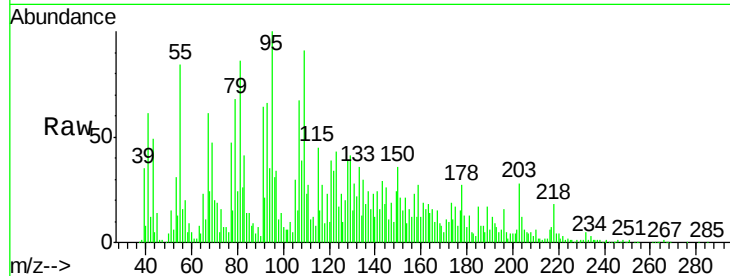




#70
Phenanthrene
Concen: 4.61 ng
RT: 17.53 min Scan# 2501
Delta R.T. 0.02 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

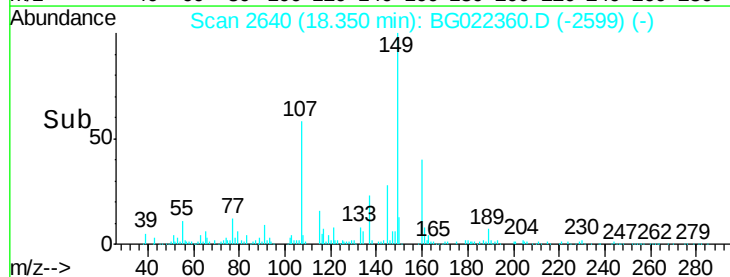
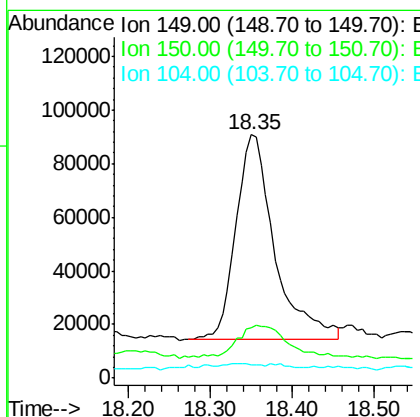
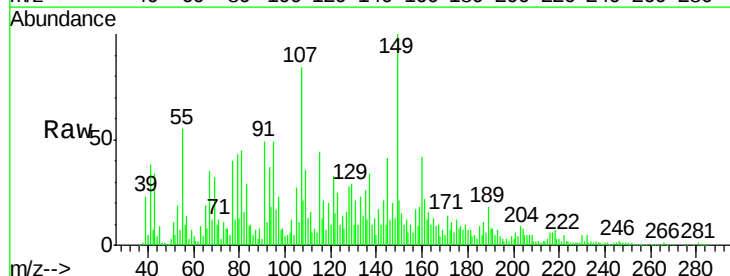
Instrument :
BNA_G
ClientSampled :
MW-12

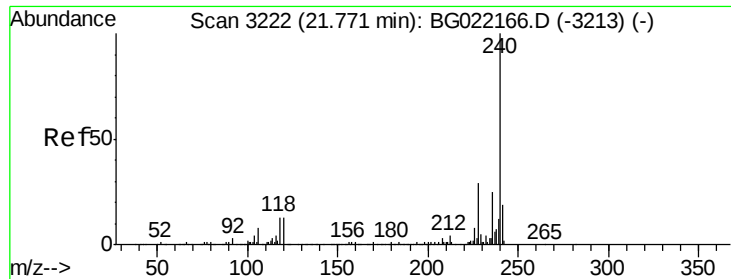
Tot Ion:178 Resp: 48084
Ion Ratio Lower Upper
178 100
176 30.0 16.2 24.4#
179 49.1 12.0 18.0#



#73
Di-n-butylphthalate
Concen: 19.59 ng
RT: 18.35 min Scan# 2640
Delta R.T. -0.06 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

Tgt Ion:149 Resp: 251057
Ion Ratio Lower Upper
149 100
150 20.8 7.4 11.0#
104 5.5 4.0 6.0

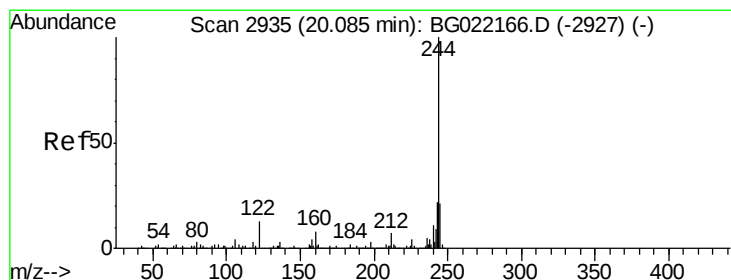
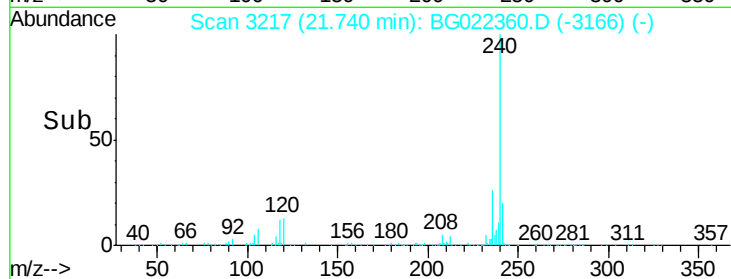
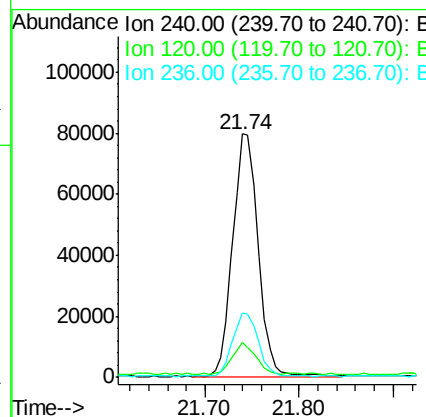
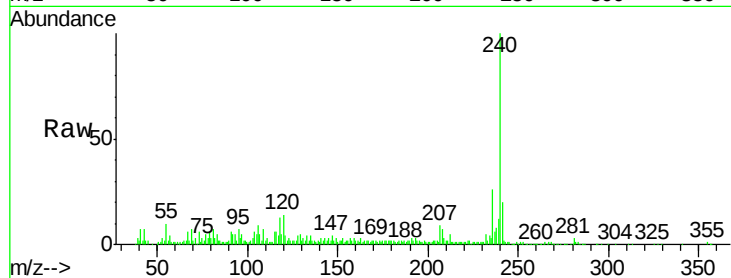




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. 0.00 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

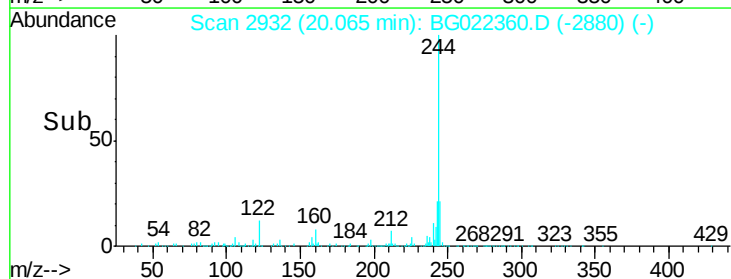
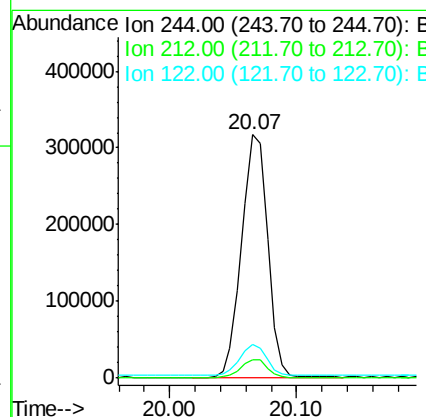
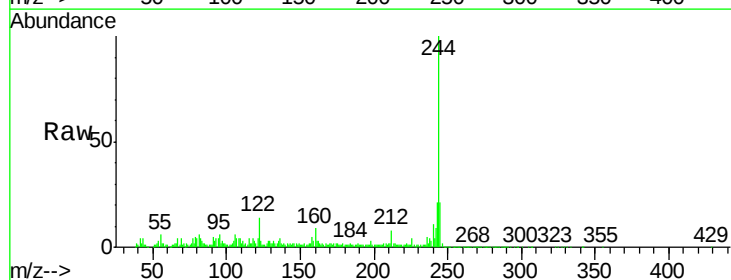
Instrument :
BNA_G
ClientSampled :
MW-12

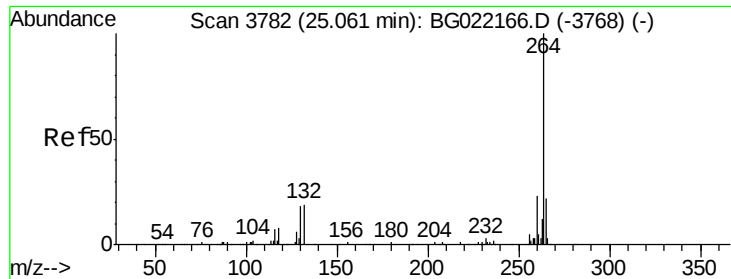
Tot Ion:240 Resp: 149058
Ion Ratio Lower Upper
240 100
120 14.3 8.4 12.6#
236 26.4 19.6 29.4



#78
Terphenyl-d14
Concen: 71.51 ng
RT: 20.07 min Scan# 2932
Delta R.T. 0.01 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

Tgt Ion:244 Resp: 448994
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 13.8 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3776
Delta R.T. 0.01 min
Lab File: BG022360.D
Acq: 15 Jun 2016 8:43

Instrument :
BNA_G
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.4
265	22.5	17.8	26.8

