

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022363.D
 Acq On : 15 Jun 2016 10:42
 Operator : UM/SJ
 Sample : H3542-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-01

Quant Time: Jun 15 14:07:10 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

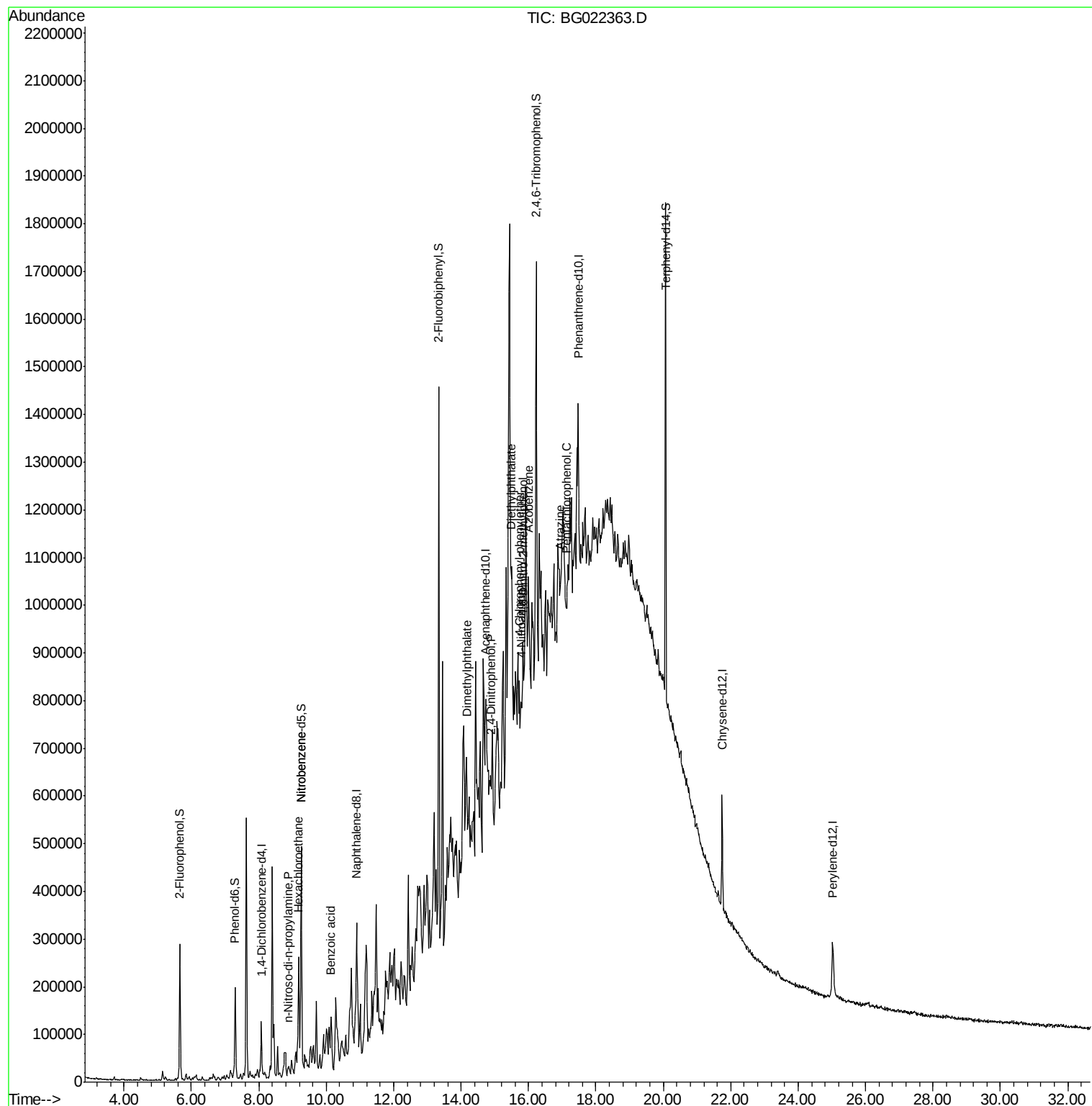
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40357	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	198080	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	106472	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	188553	20.00	ng	0.00
75) Chrysene-d12	21.74	240	148773	20.00	ng	0.00
86) Perylene-d12	25.02	264	143447	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	182582	87.47	ng	0.02
7) Phenol-d6	7.30	99	177192	53.99	ng	0.05
23) Nitrobenzene-d5	9.25	82	274780	96.71	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	143073	118.92	ng	0.01
44) 2-Fluorobiphenyl	13.34	172	607217	86.91	ng	0.00
78) Terphenyl-d14	20.07	244	489015	78.04	ng	0.01
Target Compounds						
18) Hexachloroethane	9.18	117	36591	32.52	ng	# 1
19) n-Nitroso-di-n-propylamine	8.89	70	7349	3.31	ng	# 58
24) Nitrobenzene	9.27	77	7408	2.59	ng	# 17
32) Benzoic acid	10.13	122	605	7.99	ng	# 1
49) Dimethylphthalate	14.17	163	18123	2.05	ng	# 1
53) 2,4-Dinitrophenol	14.89	184	682	11.67	ng	# 1
59) Diethylphthalate	15.49	149	33286	3.53	ng	# 44
60) 4-Chlorophenyl-phenylether	15.72	204	13951	3.55	ng	# 68
61) 4-Nitroaniline	15.79	138	7426	3.29	ng	# 86
62) Azobenzene	16.00	77	15195	2.13	ng	# 50
64) 4,6-Dinitro-2-methylphenol	15.85	198	225	5.68	ng	# 1
68) Atrazine	16.94	200	4585	2.28	ng	# 1
69) Pentachlorophenol	17.13	266	62	6.84	ng	# 16

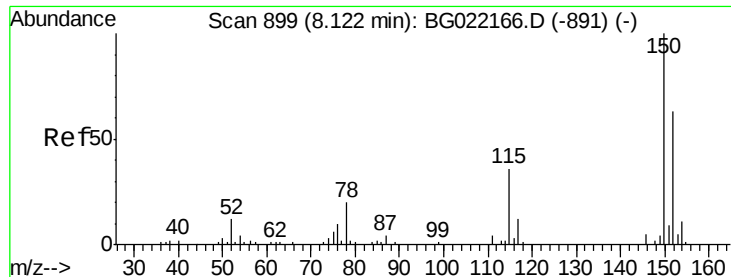
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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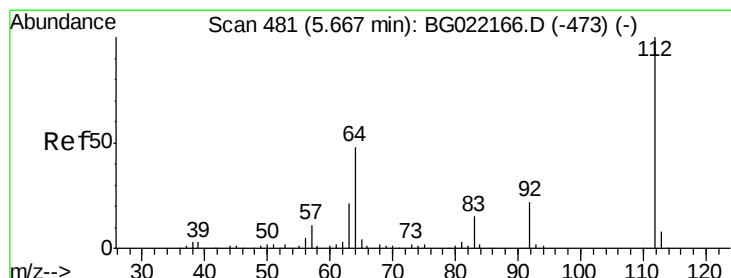
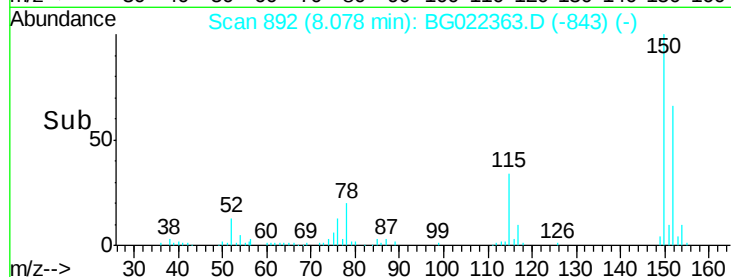
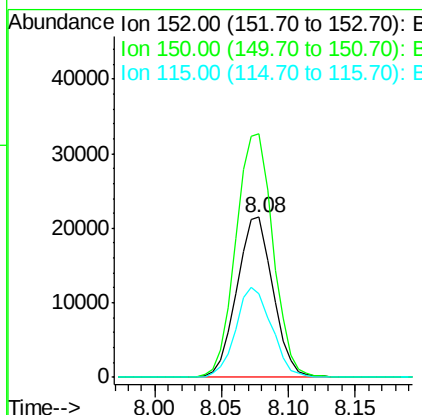
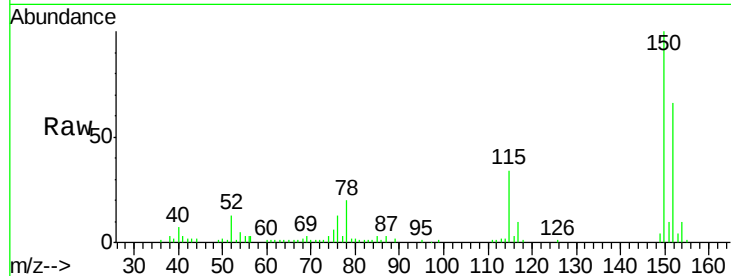


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Instrument :
BNA_G
ClientSampleId :
W-01

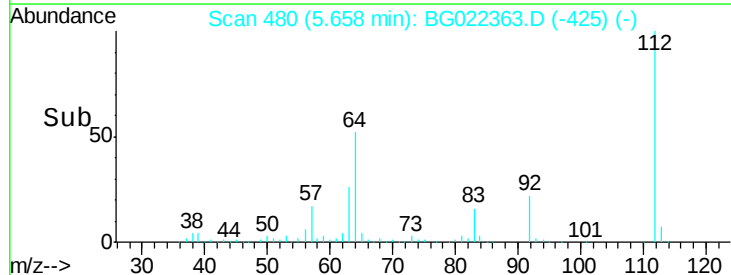
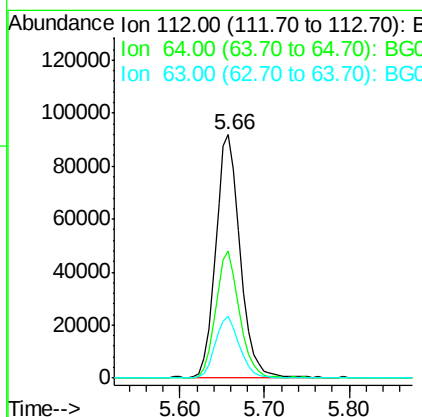
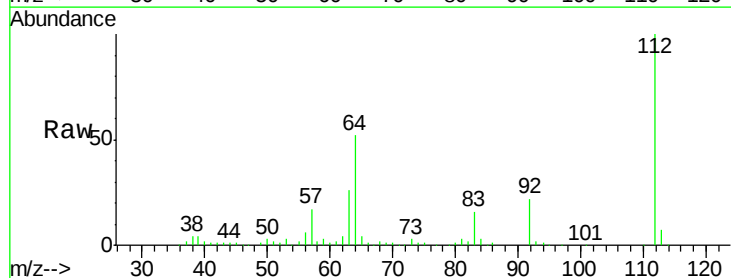
Tot Ion:152 Resp: 40357
Ion Ratio Lower Upper
152 100
150 152.0 130.1 195.1
115 51.9 62.2 93.2#

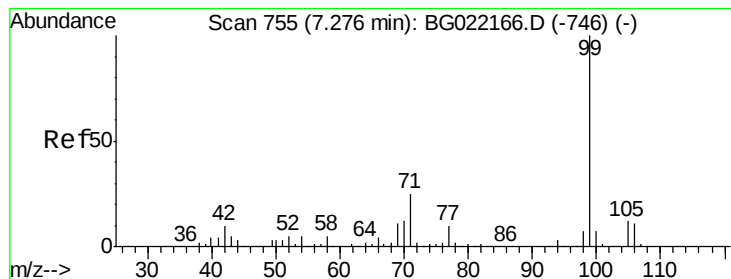


#5

2-Fluorophenol
Concen: 87.47 ng
RT: 5.66 min Scan# 480
Delta R.T. 0.02 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:112 Resp: 182582
Ion Ratio Lower Upper
112 100
64 52.2 51.1 76.7
63 25.6 24.6 37.0





#7

Phenol-d6

Concen: 53.99 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.05 min

Lab File: BG022363.D

Acq: 15 Jun 2016 10:42

Instrument :

BNA_G

ClientSampled :

W-01

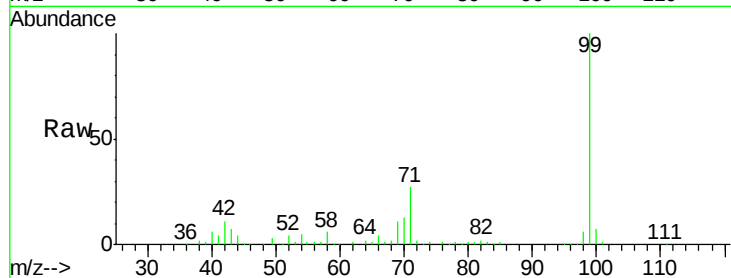
Tot Ion: 99 Resp: 177192

Ion Ratio Lower Upper

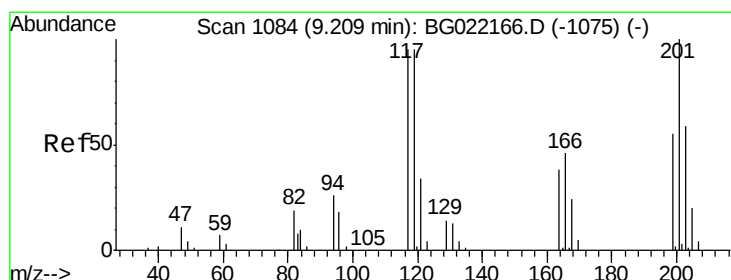
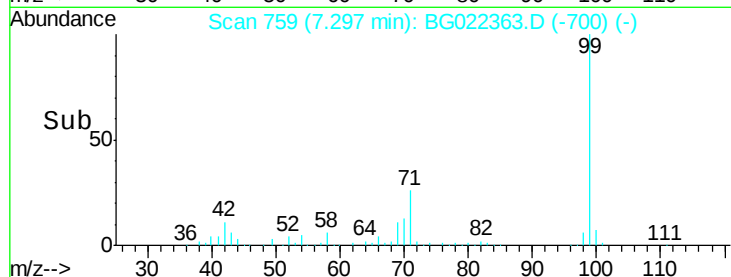
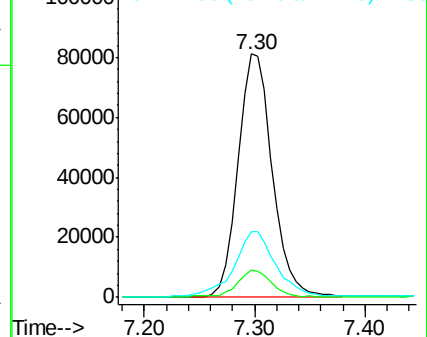
99 100

42 11.1 16.4 24.6#

71 27.0 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



#18

Hexachloroethane

Concen: 32.52 ng

RT: 9.18 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BG022363.D

Acq: 15 Jun 2016 10:42

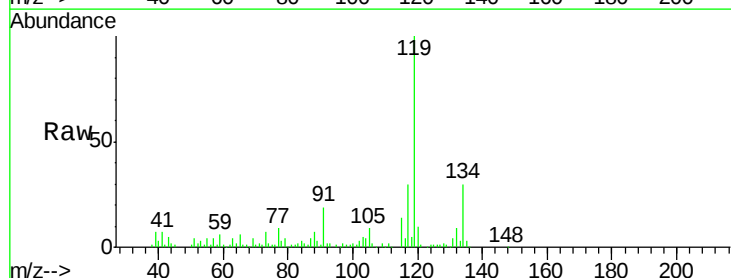
Tgt Ion: 117 Resp: 36591

Ion Ratio Lower Upper

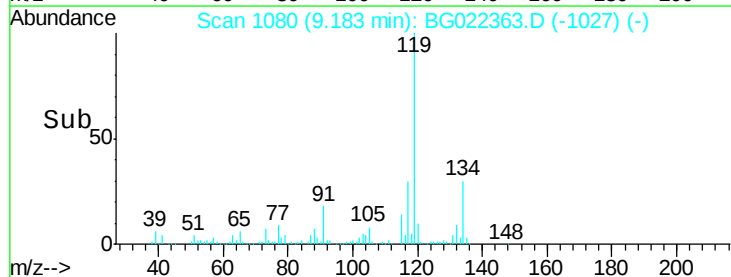
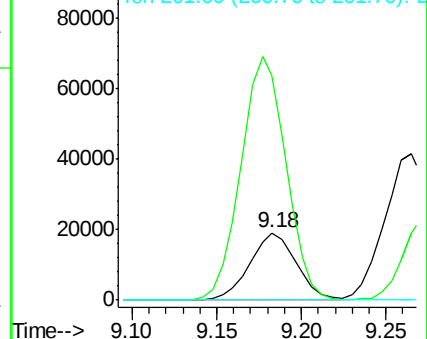
117 100

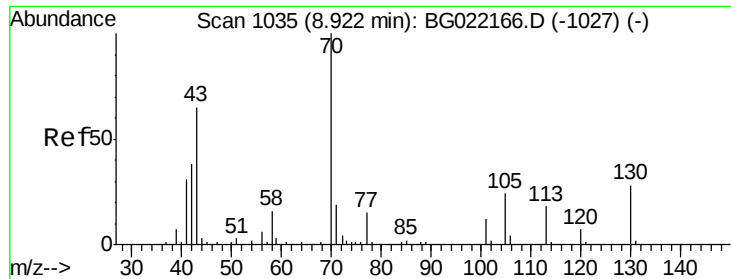
119 332.1 63.9 95.9#

201 0.0 61.2 91.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

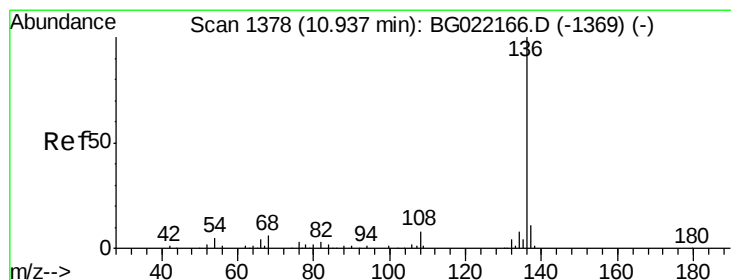
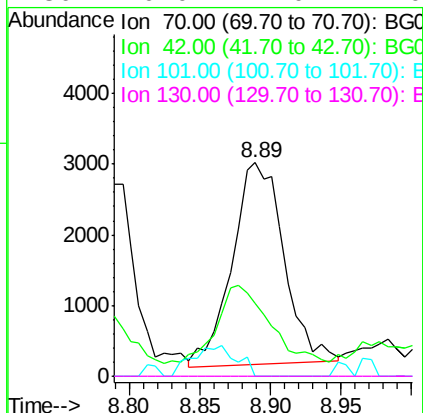
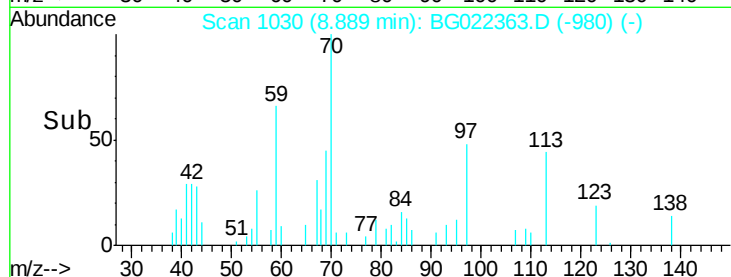
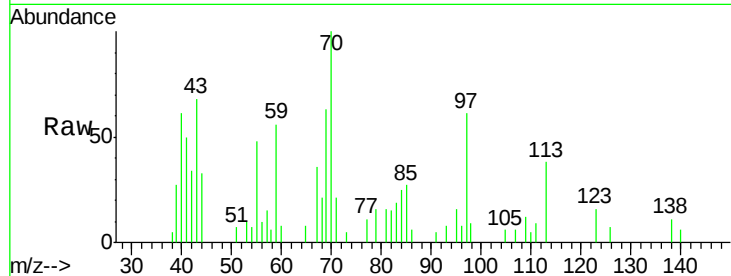




#19
n-Nitroso-di-n-propylamine
Concen: 3.31 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

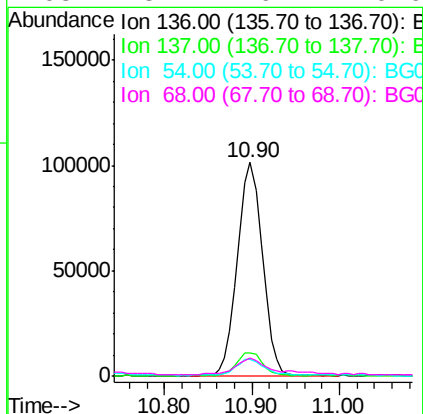
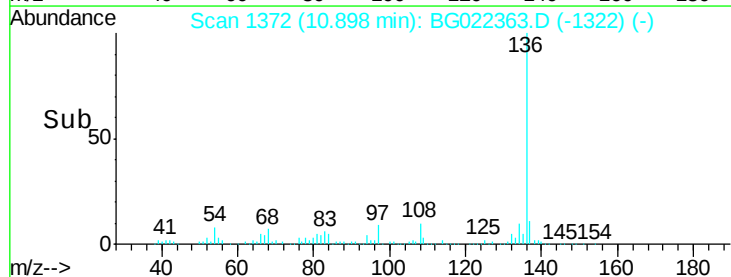
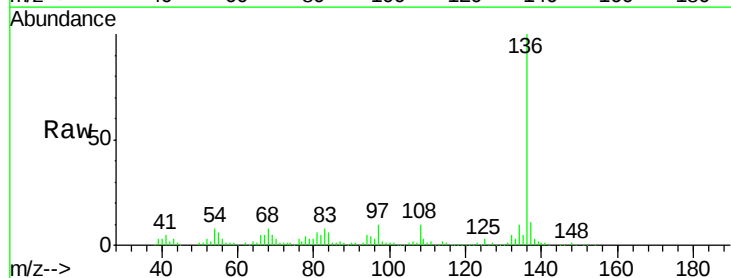
Instrument :
BNA_G
ClientSampleId :
W-01

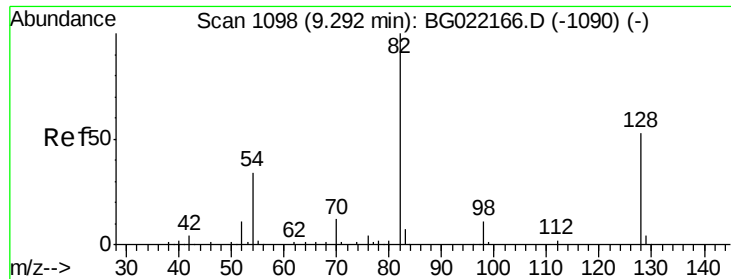
Tot Ion: 70 Resp: 7349
Ion Ratio Lower Upper
70 100
42 34.3 56.7 85.1#
101 0.0 8.2 12.4#
130 0.0 14.0 21.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion: 136 Resp: 198080
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.0 9.6 14.4#
68 8.4 6.4 9.6

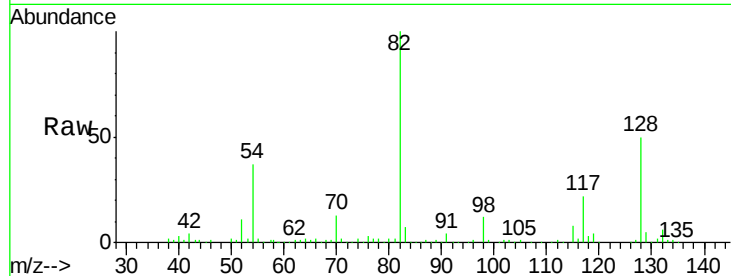




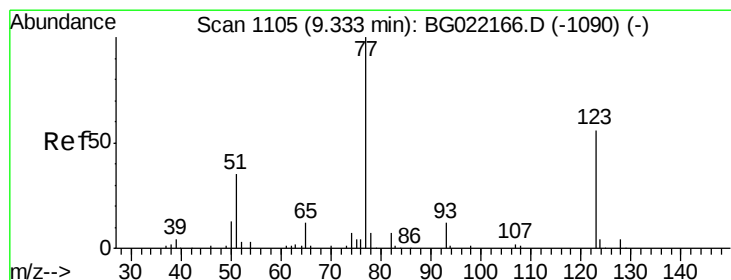
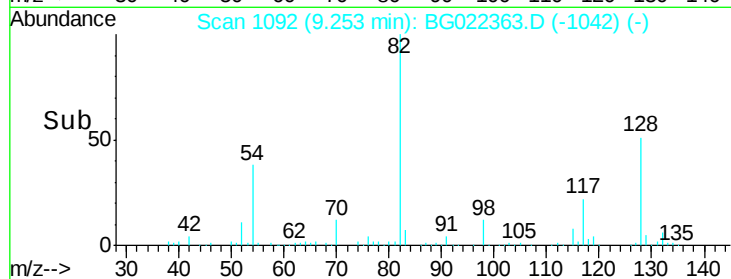
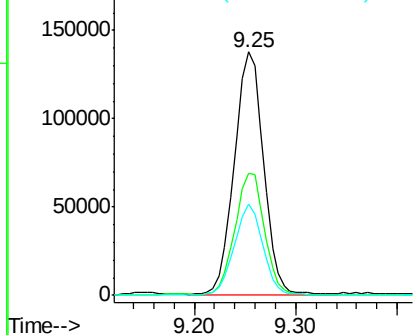
#23
 Nitrobenzene-d5
 Concen: 96.71 ng
 RT: 9.25 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BG022363.D
 Acq: 15 Jun 2016 10:42

Instrument :
 BNA_G
 ClientSampleID :
 W-01

Tot Ion: 82 Resp: 274780
 Ion Ratio Lower Upper
 82 100
 128 50.1 33.4 50.0#
 54 37.5 46.1 69.1#

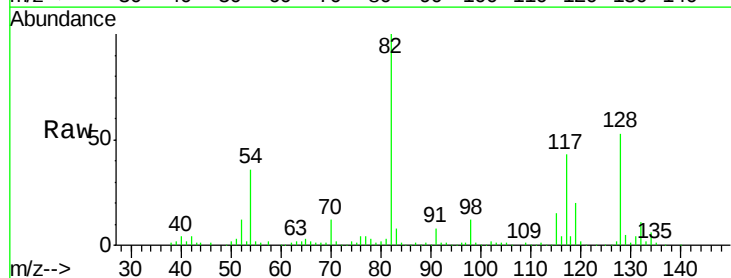


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

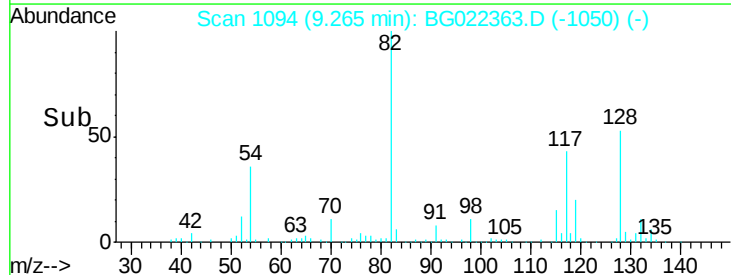
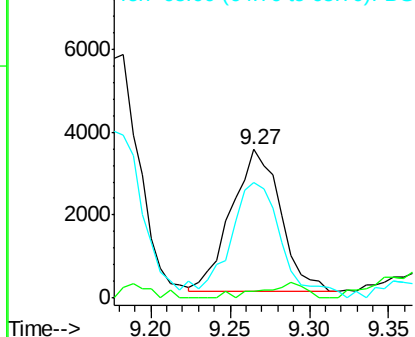


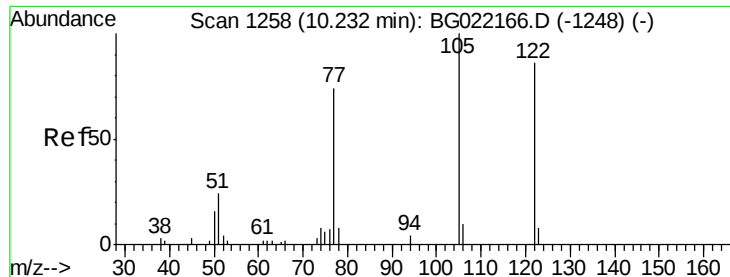
#24
 Nitrobenzene
 Concen: 2.59 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.04 min
 Lab File: BG022363.D
 Acq: 15 Jun 2016 10:42

Tgt Ion: 77 Resp: 7408
 Ion Ratio Lower Upper
 77 100
 123 4.9 32.2 48.4#
 65 77.6 10.3 15.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

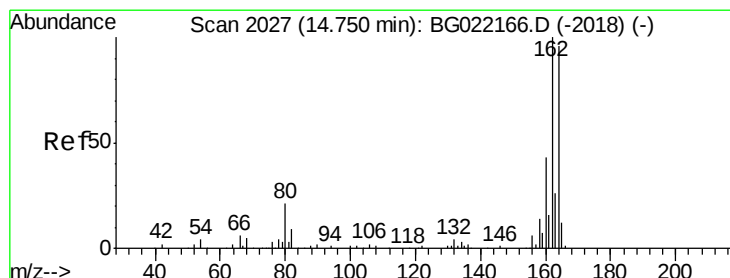
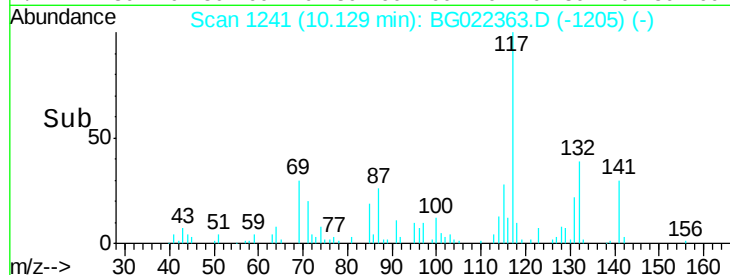
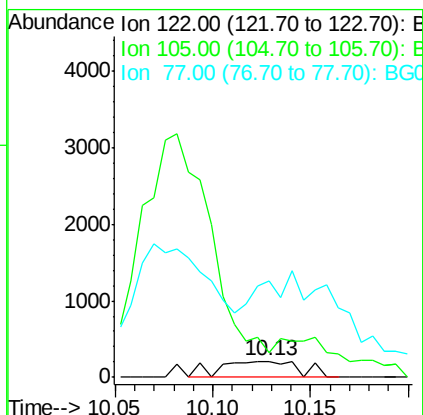
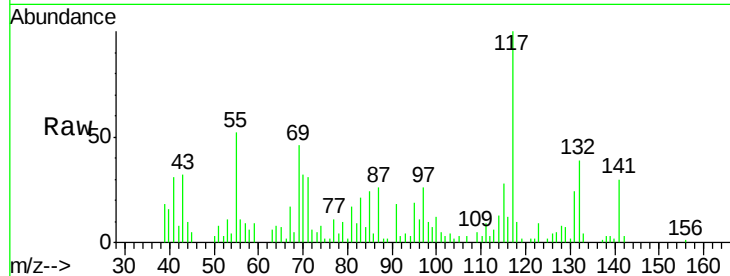




#32
Benzoic acid
Concen: 7.99 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.09 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

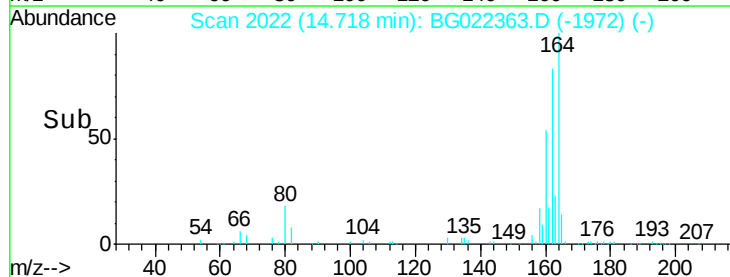
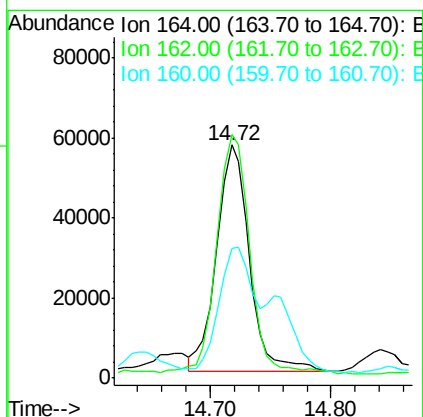
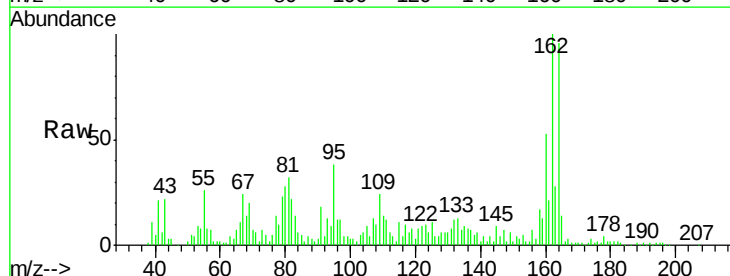
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ClientSampled :
W-01

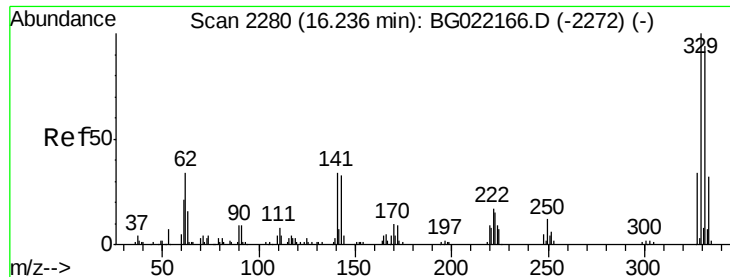
Tot Ion:122 Resp: 605
Ion Ratio Lower Upper
122 100
105 155.9 104.5 144.5#
77 597.2 79.9 119.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:164 Resp: 106472
Ion Ratio Lower Upper
164 100
162 104.5 78.0 117.0
160 55.4 32.9 49.3#

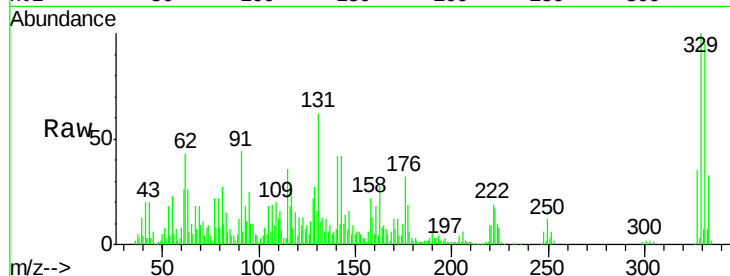




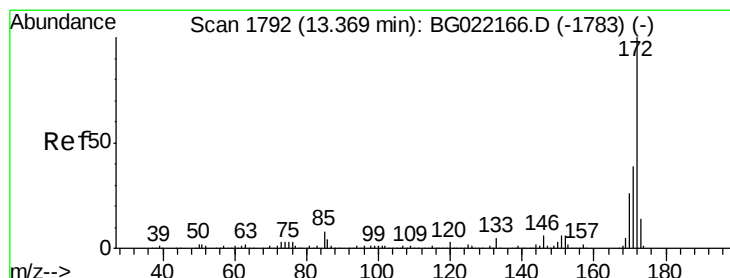
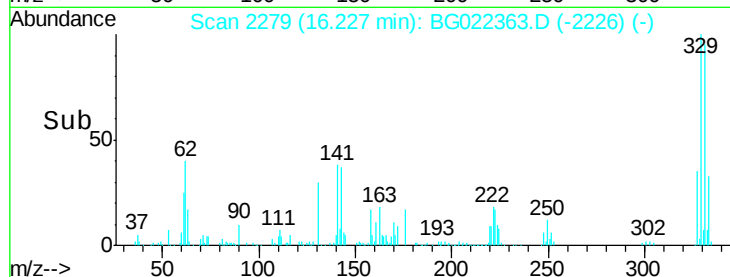
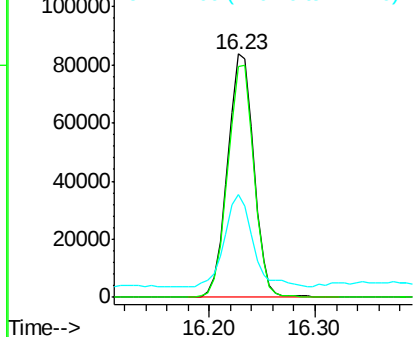
#41
 2,4,6-Tribromophenol
 Concen: 118.92 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BG022363.D
 Acq: 15 Jun 2016 10:42

Instrument :
 BNA_G
 ClientSampled :
 W-01

Tot Ion:330 Resp: 143073
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.0 117.0
 141 41.2 33.8 50.8

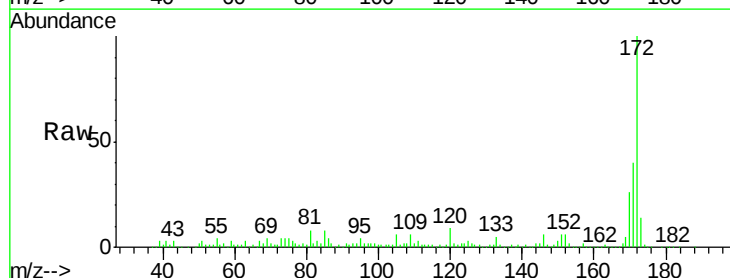


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

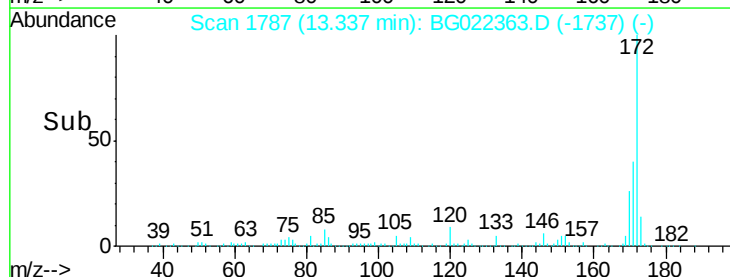
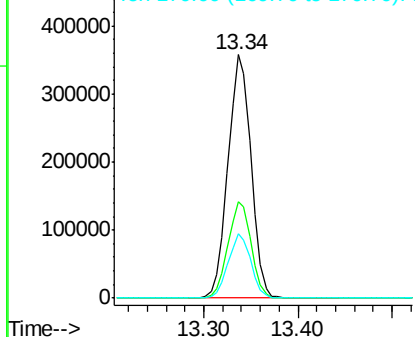


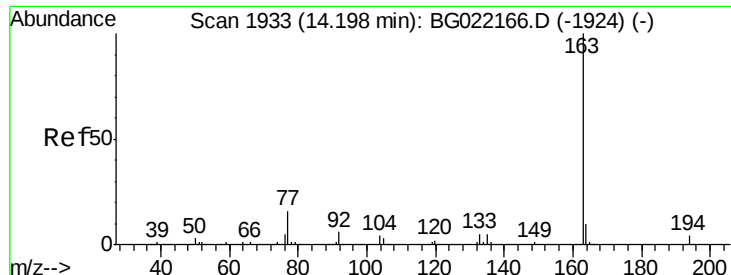
#44
 2-Fluorobiphenyl
 Concen: 86.91 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG022363.D
 Acq: 15 Jun 2016 10:42

Tgt Ion:172 Resp: 607217
 Ion Ratio Lower Upper
 172 100
 171 39.8 27.8 41.6
 170 26.4 19.6 29.4



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

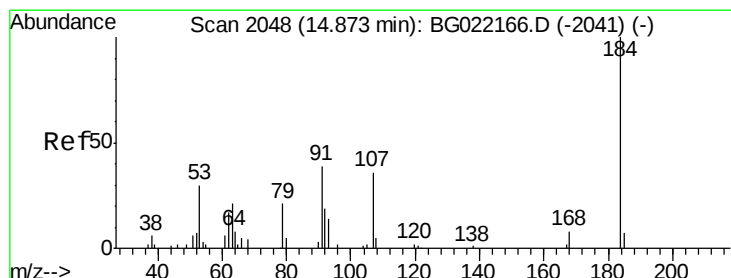
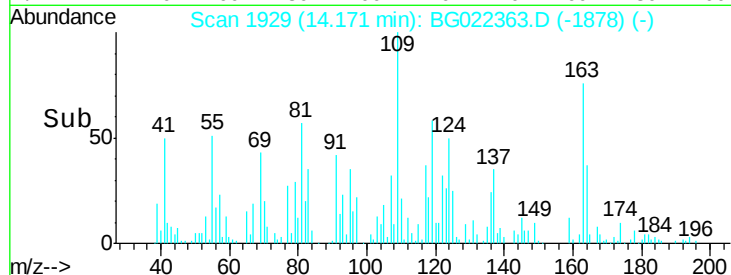
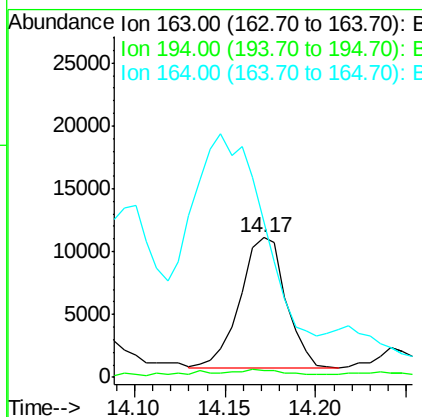
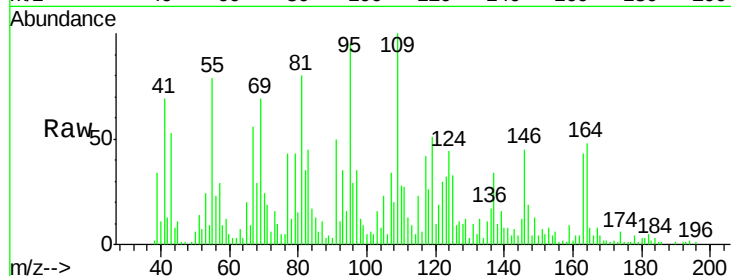




#49
 Dimethylphthalate
 Concen: 2.05 ng
 RT: 14.17 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BG022363.D
 Acq: 15 Jun 2016 10:42

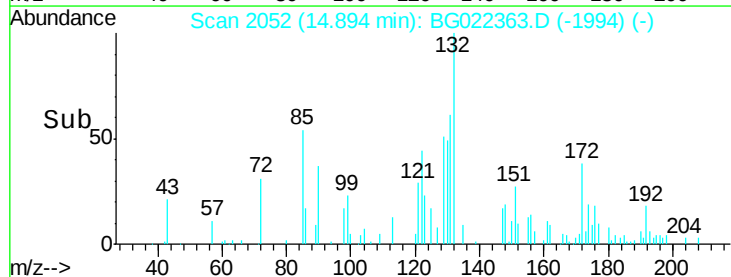
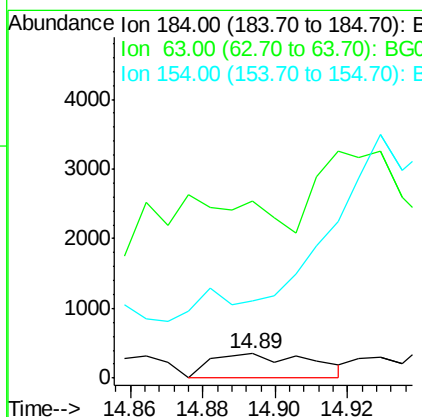
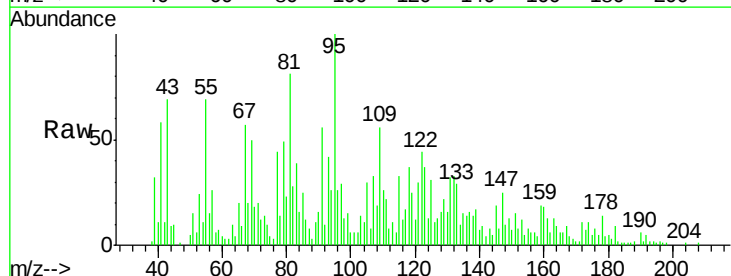
Instrument :
 BNA_G
 ClientSampled :
 W-01

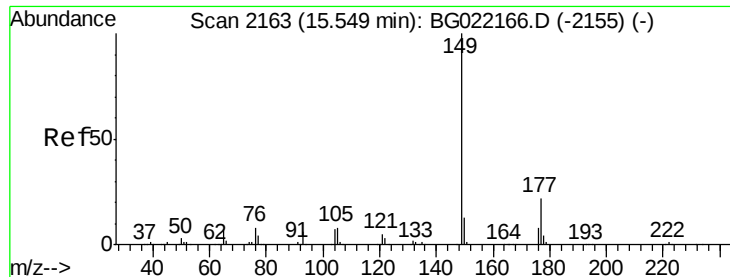
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.0	4.6#
164	110.8	8.1	12.1#



#53
 2,4-Dinitrophenol
 Concen: 11.67 ng
 RT: 14.89 min Scan# 2052
 Delta R.T. 0.04 min
 Lab File: BG022363.D
 Acq: 15 Jun 2016 10:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	721.3	57.3	85.9#
154	313.9	55.2	82.8#

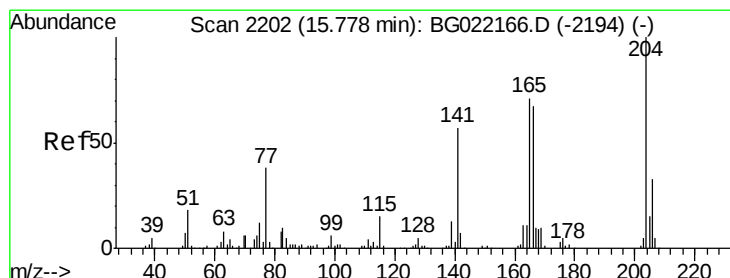
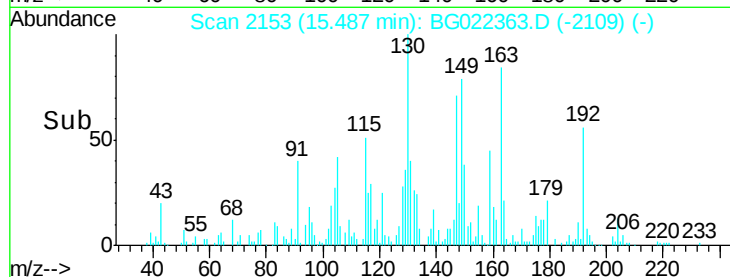
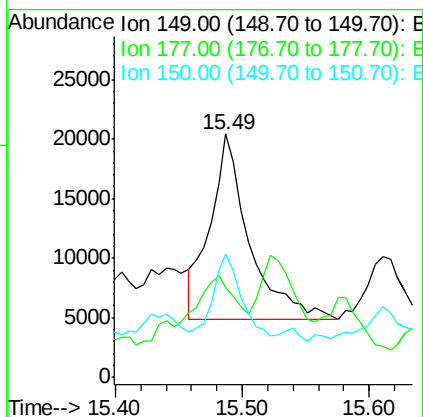
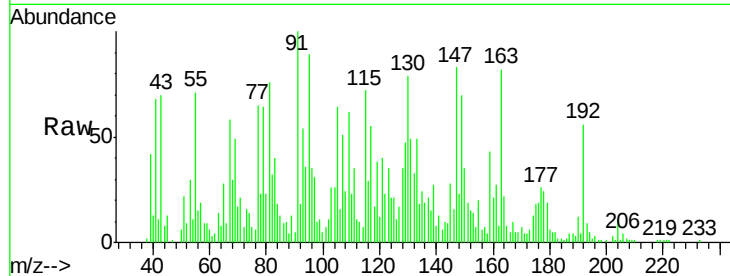




#59
Diethylphthalate
Concen: 3.53 ng
RT: 15.49 min Scan# 2153
Delta R.T. -0.04 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

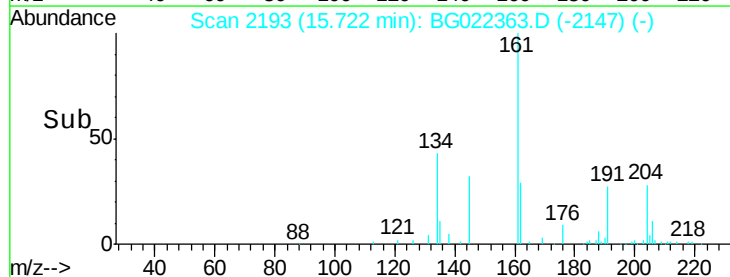
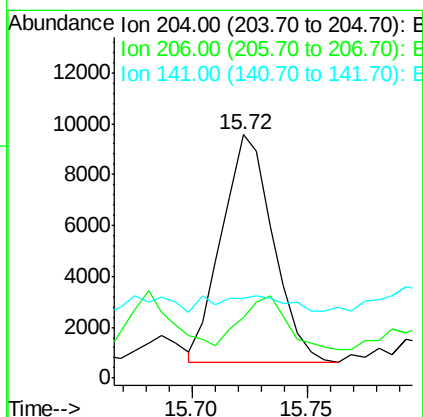
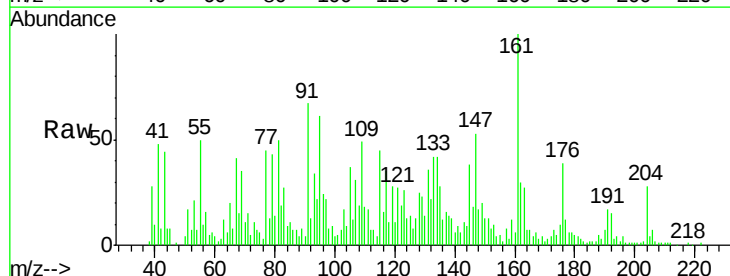
Instrument :
BNA_G
ClientSampleId :
W-01

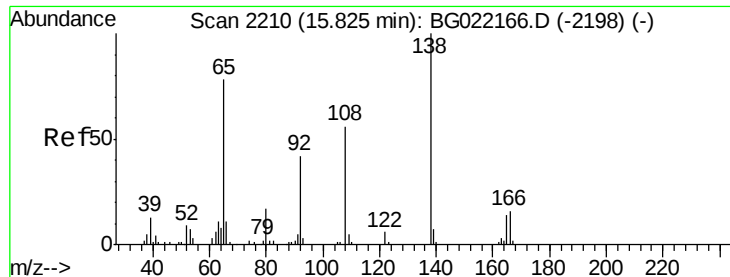
Tot Ion:149 Resp: 33286
Ion Ratio Lower Upper
149 100
177 37.0 17.3 25.9#
150 50.4 9.7 14.5#



#60
4-Chlorophenyl-phenylether
Concen: 3.55 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:204 Resp: 13951
Ion Ratio Lower Upper
204 100
206 24.9 27.8 41.8#
141 32.6 51.0 76.4#

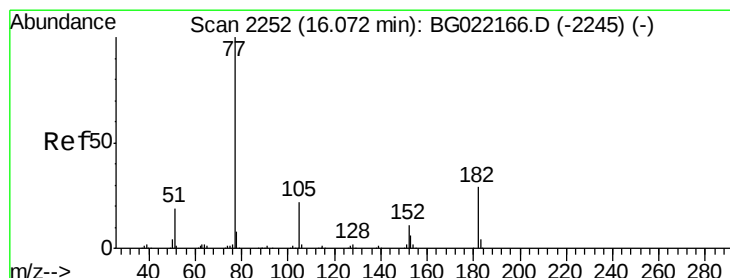
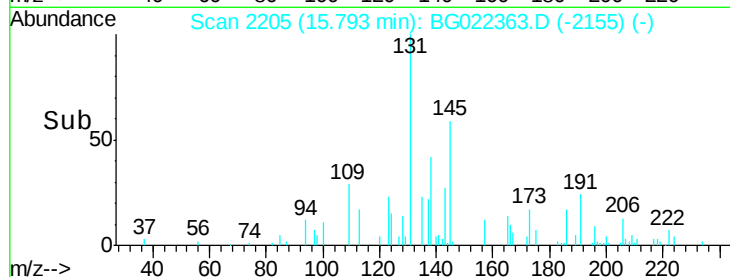
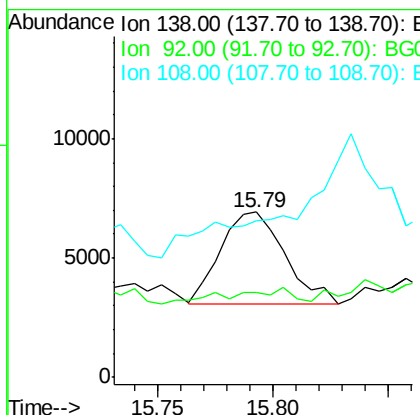
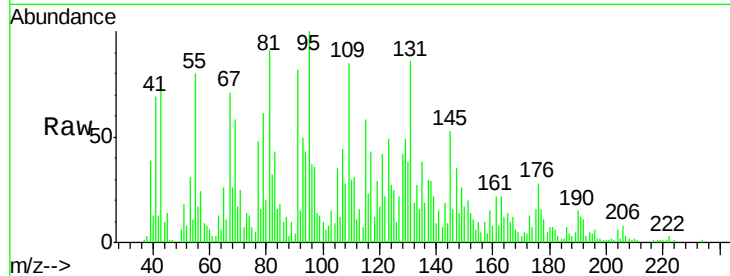




#61
4-Nitroaniline
Concen: 3.29 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

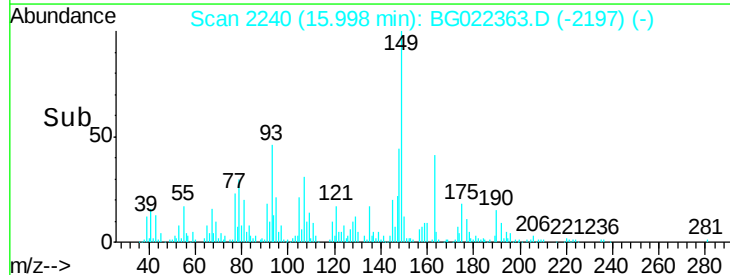
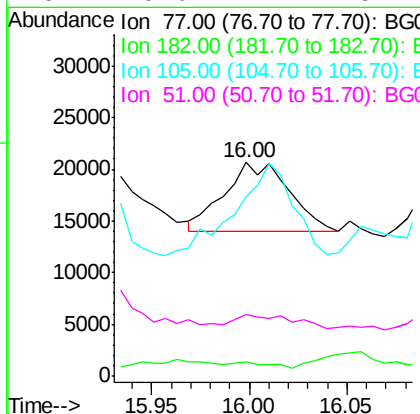
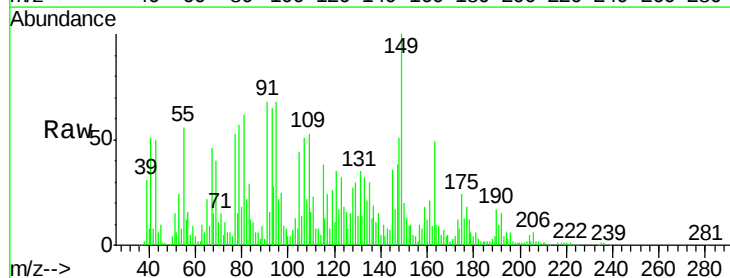
Instrument :
BNA_G
ClientSampled :
W-01

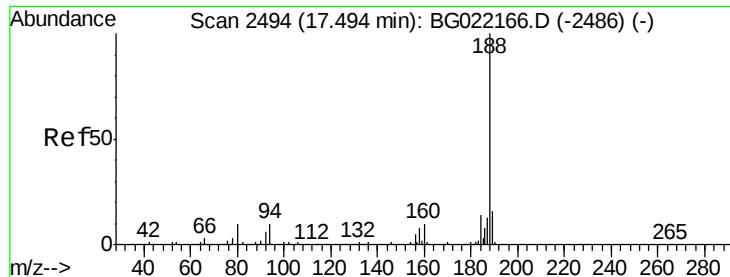
Tot Ion:138 Resp: 7426
Ion Ratio Lower Upper
138 100
92 51.5 37.7 77.7
108 95.0 59.4 99.4



#62
Azobenzene
Concen: 2.13 ng
RT: 16.00 min Scan# 2240
Delta R.T. -0.05 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion: 77 Resp: 15195
Ion Ratio Lower Upper
77 100
182 6.4 4.1 44.1
105 84.2 0.0 39.8#
51 29.0 11.1 51.1

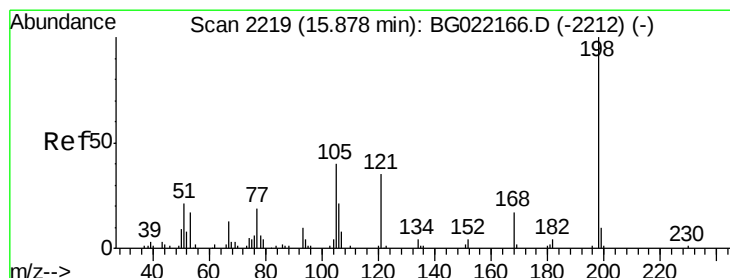
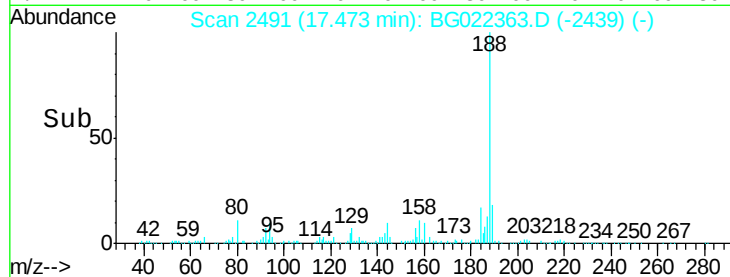
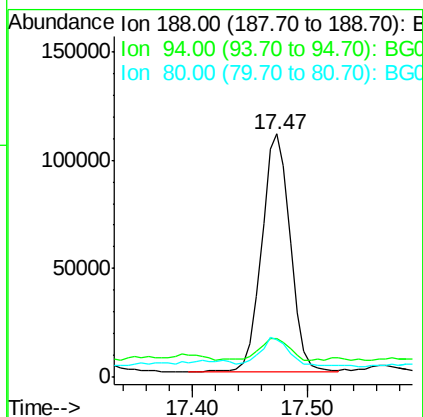
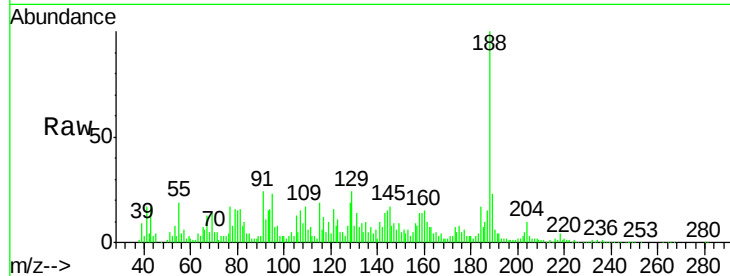




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

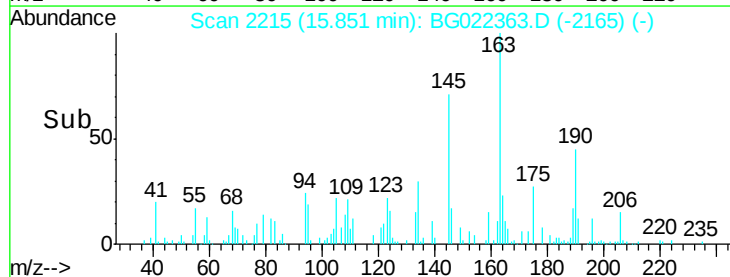
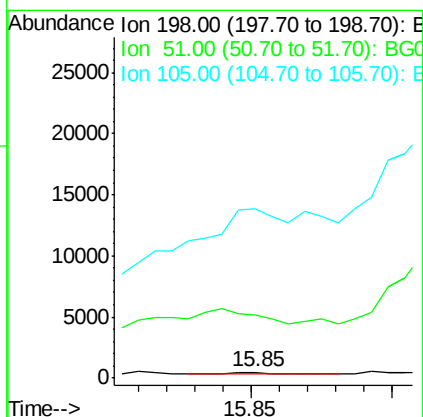
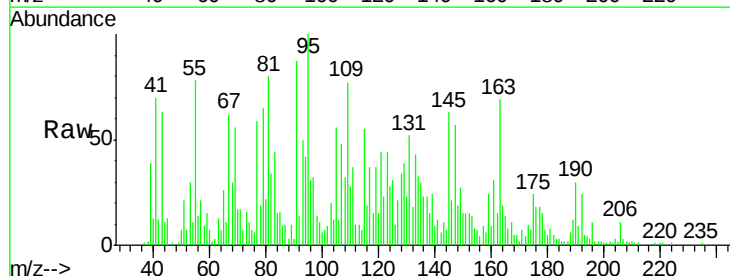
Instrument :
BNA_G
ClientSampled :
W-01

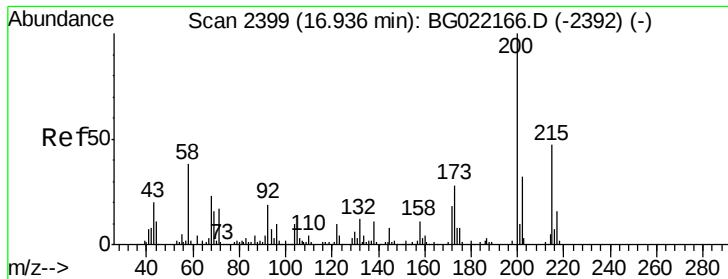
Tot Ion:188 Resp: 188553
Ion Ratio Lower Upper
188 100
94 16.1 7.5 11.3#
80 15.3 8.6 13.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.68 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:198 Resp: 225
Ion Ratio Lower Upper
198 100
51 1130.1 29.2 69.2#
105 3034.1 24.0 64.0#

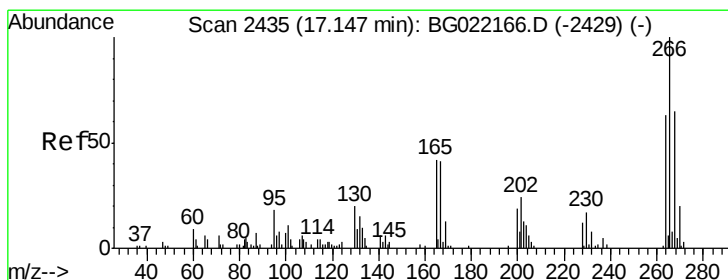
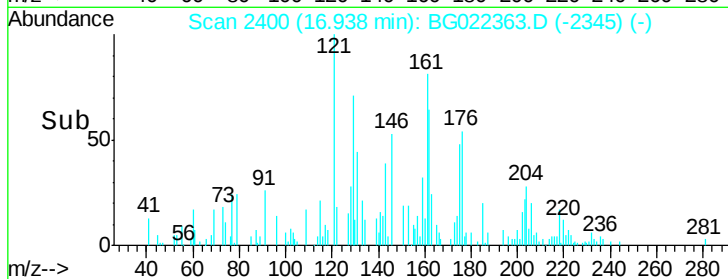
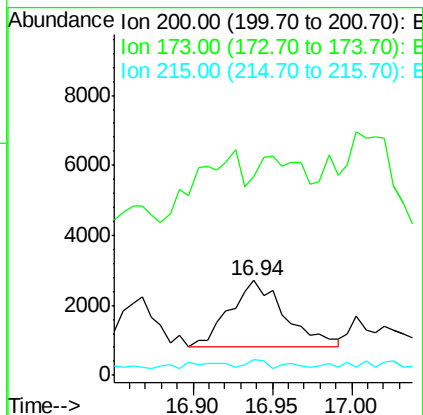
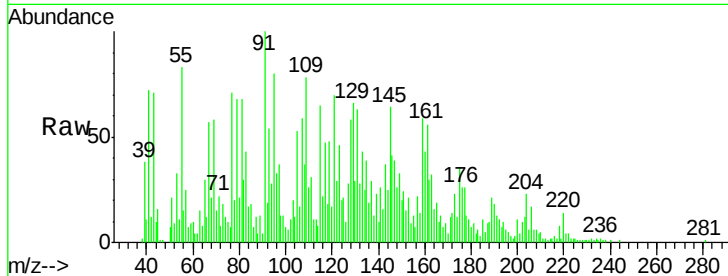




#68
Atrazine
Concen: 2.28 ng
RT: 16.94 min Scan# 2400
Delta R.T. 0.02 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

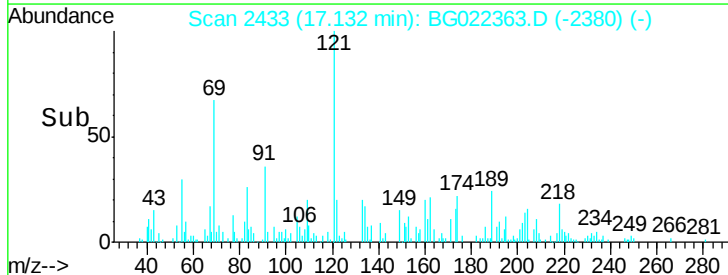
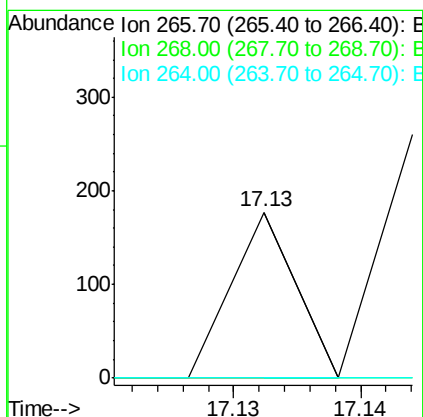
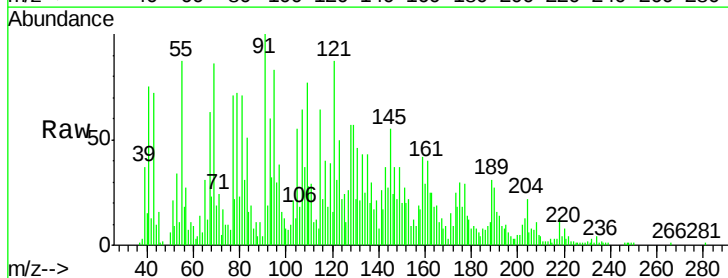
Instrument :
BNA_G
ClientSampleId :
W-01

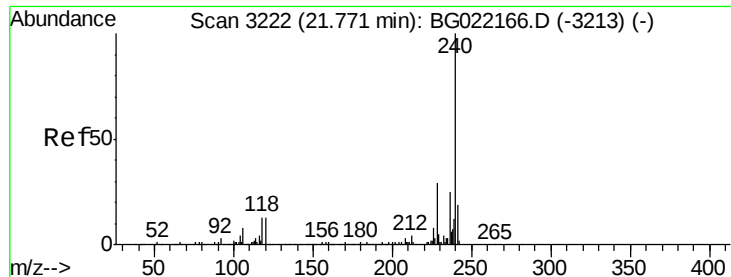
Tot Ion:200 Resp: 4585
Ion Ratio Lower Upper
200 100
173 210.3 5.1 45.1#
215 16.5 28.0 68.0#



#69
Pentachlorophenol
Concen: 6.84 ng
RT: 17.13 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BG022363.D
Acq: 15 Jun 2016 10:42

Tgt Ion:266 Resp: 62
Ion Ratio Lower Upper
266 100
268 0.0 54.5 81.7#
264 0.0 53.8 80.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3218

Delta R.T. 0.01 min

Lab File: BG022363.D

Acq: 15 Jun 2016 10:42

Instrument :

BNA_G

ClientSampleId :

W-01

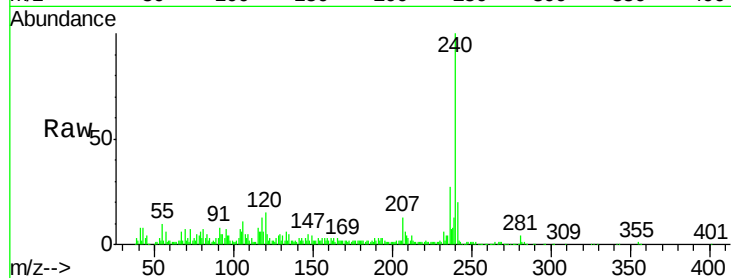
Tot Ion:240 Resp: 148773

Ion Ratio Lower Upper

240 100

120 14.7 8.4 12.6#

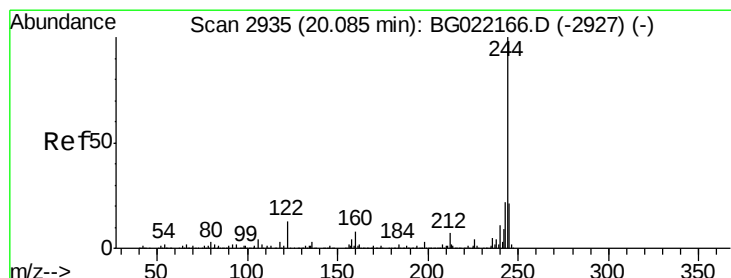
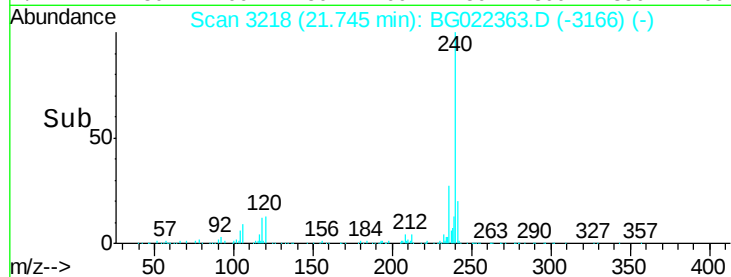
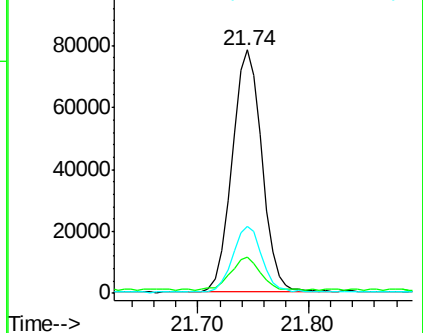
236 27.4 19.6 29.4



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



#78

Terphenyl-d14

Concen: 78.04 ng

RT: 20.07 min Scan# 2933

Delta R.T. 0.01 min

Lab File: BG022363.D

Acq: 15 Jun 2016 10:42

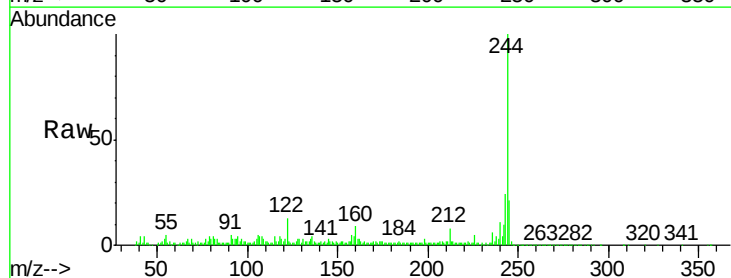
Tgt Ion:244 Resp: 489015

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

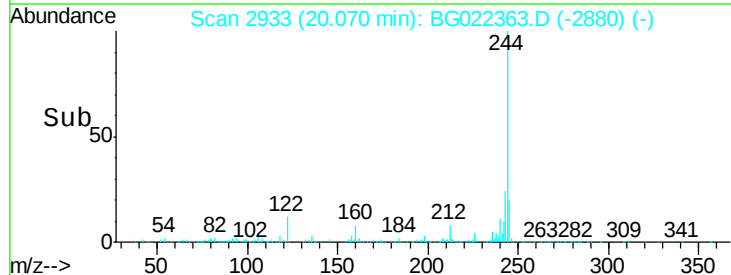
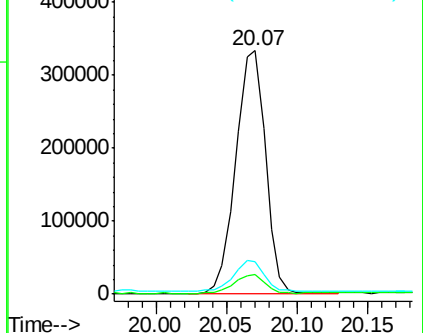
122 13.4 8.6 12.8#

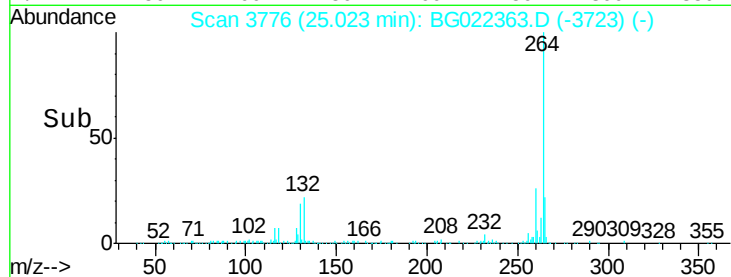
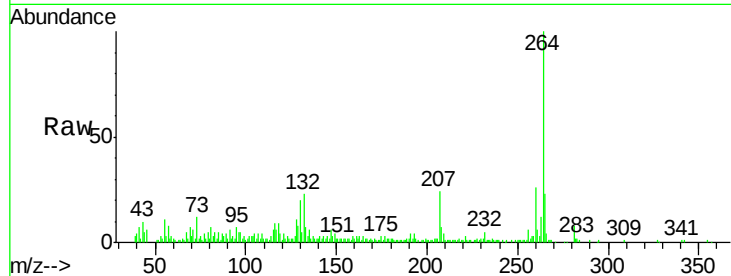
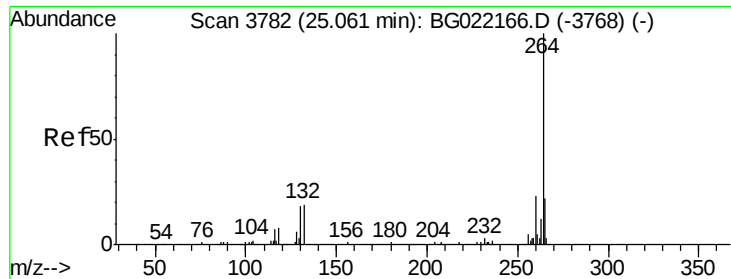


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.02 min Scan# 3776

Delta R.T. 0.01 min

Lab File: BG022363.D

Acq: 15 Jun 2016 10:42

Instrument :

BNA_G

ClientSampleId :

W-01

Tot Ion:264 Resp: 143447

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.4

265 23.0 17.8 26.8

