

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023396.D
 Acq On : 2 Aug 2016 11:21
 Operator : UM/SJ
 Sample : H4145-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9536

Quant Time: Aug 02 13:07:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	112907	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	551279	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	380469	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	842461	20.00	ng	0.00
75) Chrysene-d12	21.87	240	836477	20.00	ng	0.00
86) Perylene-d12	25.24	264	864303	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1117680	166.63	ng	0.00
7) Phenol-d6	7.28	99	1695810	162.32	ng	0.00
23) Nitrobenzene-d5	9.30	82	1111599	100.25	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	691071	124.18	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2298539	101.90	ng	0.00
78) Terphenyl-d14	20.16	244	2833199	112.10	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.84	42	560559	160.99	ng	# 78
12) 1,3-Dichlorobenzene	8.01	146	1360649	154.22	ng	92
13) 1,4-Dichlorobenzene	8.15	146	276533	30.62	ng	95
14) 1,2-Dichlorobenzene	8.48	146	603614	68.13	ng	92
18) Hexachloroethane	9.21	117	235974	69.41	ng	94
24) Nitrobenzene	9.34	77	744845	60.66	ng	# 91
25) Isophorone	9.86	82	3090010	133.78	ng	# 92
28) bis(2-Chloroethoxy)methane	10.35	93	850687	61.27	ng	98
31) Naphthalene	11.00	128	2468794	87.94	ng	95
34) Hexachlorobutadiene	11.28	225	421088	66.91	ng	98
37) 2-Methylnaphthalene	12.61	142	1127348	52.82	ng	# 93
40) Hexachlorocyclopentadiene	12.95	237	1059523	152.29	ng	99
46) 2-Chloronaphthalene	13.66	162	3193741	141.94	ng	# 76
49) Dimethylphthalate	14.23	163	2850108	97.64	ng	# 93
50) 2,6-Dinitrotoluene	14.36	165	566608	81.96	ng	86
54) Dibenzofuran	15.19	168	2758265	84.32	ng	# 94
56) 2,4-Dinitrotoluene	15.15	165	728848	75.12	ng	96
59) Diethylphthalate	15.60	149	3274727	110.51	ng	# 78
60) 4-Chlorophenyl-phenylether	15.83	204	1996411	132.15	ng	93
65) n-Nitrosodiphenylamine	16.04	169	2463215	99.68	ng	# 86
66) 4-Bromophenyl-phenylether	16.72	248	1226877	124.95	ng	97
67) Hexachlorobenzene	16.85	284	690787	64.31	ng	98
70) Phenanthrene	17.59	178	4297399	100.53	ng	# 69
73) Di-n-butylphthalate	18.50	149	3491111	100.70	ng	# 90
77) Pyrene	19.97	202	4728203	113.17	ng	# 56
79) Butylbenzylphthalate	20.84	149	2685595	133.33	ng	# 92
80) Benzo(a)anthracene	21.85	228	5535077	119.87	ng	# 59
82) Chrysene	21.92	228	5037529	114.67	ng	# 52
83) Bis(2-ethylhexyl)phthalate	21.72	149	1649849	59.82	ng	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	4203440	76.57	ng	# 100
87) Benzo(b)fluoranthene	24.17	252	3833510	78.83	ng	# 91
88) Benzo(k)fluoranthene	24.23	252	1486403	31.82	ng	# 98
89) Benzo(a)pyrene	25.11	252	7090983	153.32	ng	# 77
90) Dibenzo(a,h)anthracene	29.18	278	2826684	59.83	ng	# 92

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QLast Update : Mon Aug 01 19:22:14 2016
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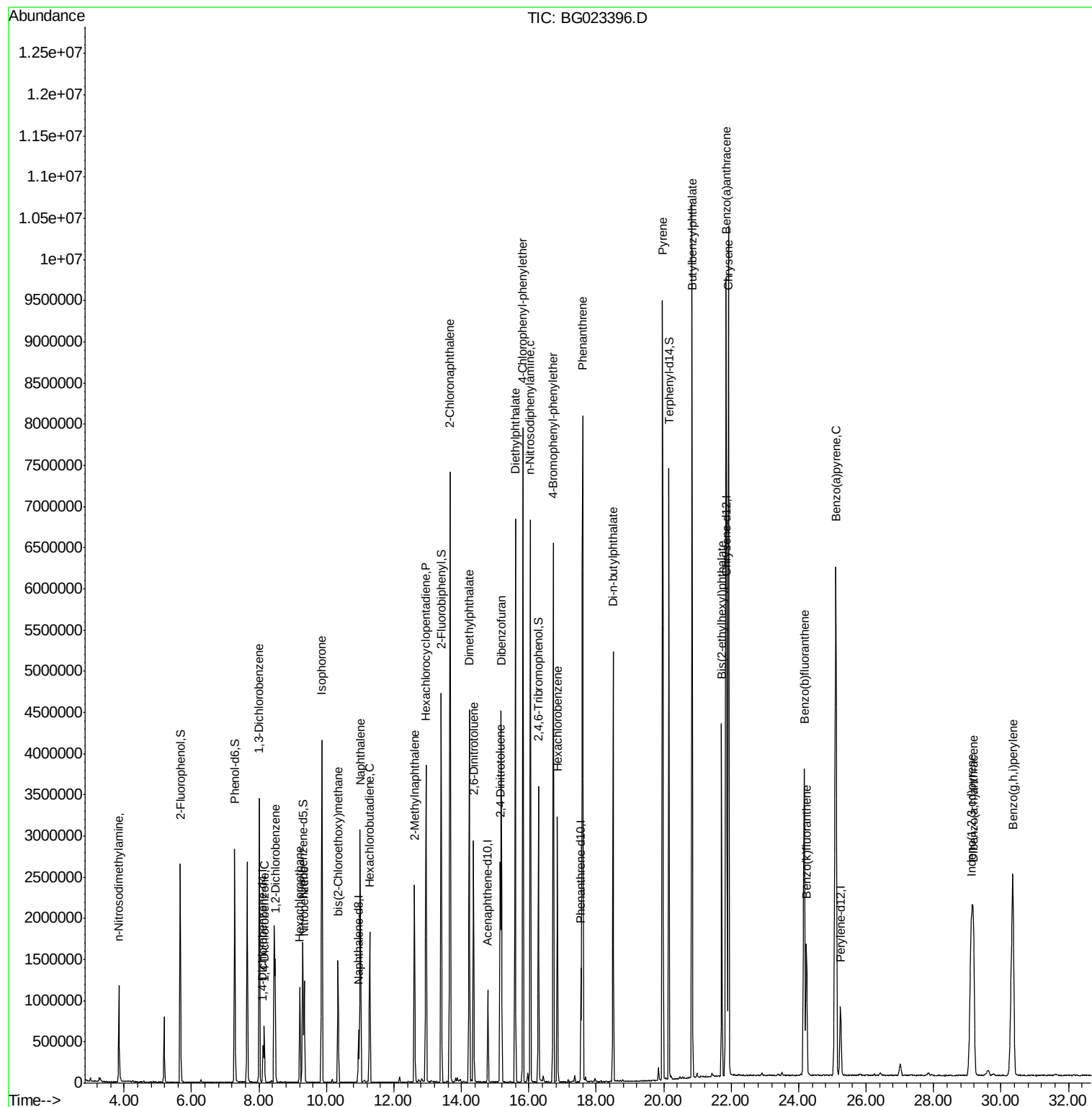
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	30.34	276	5140091	108.04	ng	# 90

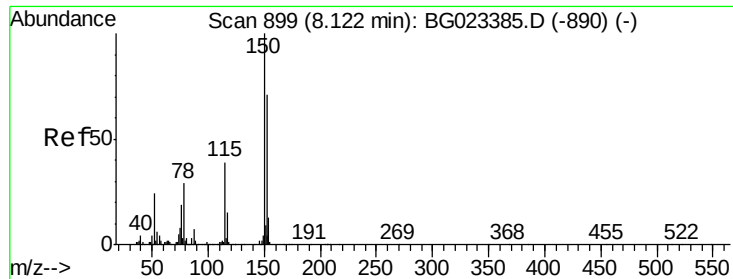
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

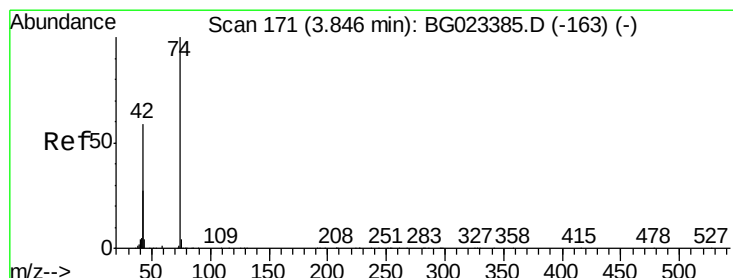
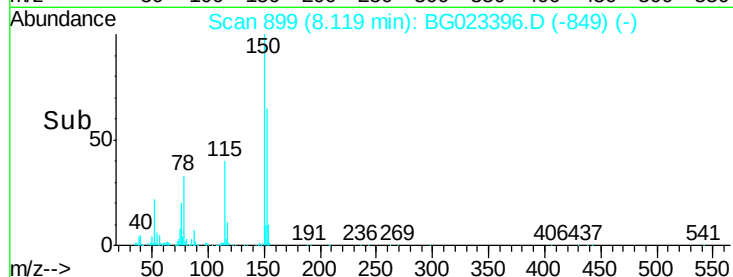
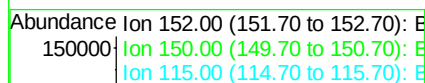
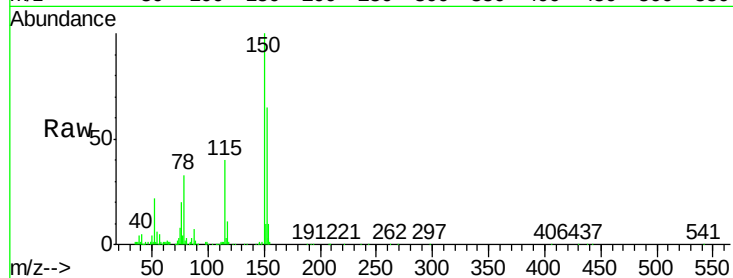
Tot Ion:152 Resp: 112907

Ion Ratio Lower Upper

152 100

150 153.9 144.7 217.1

115 61.7 64.0 96.0#



#4

n-Nitrosodimethylamine

Concen: 160.99 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

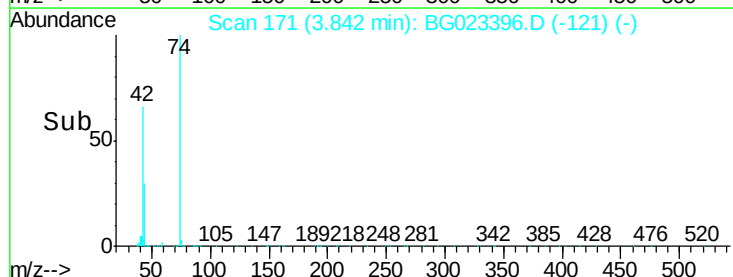
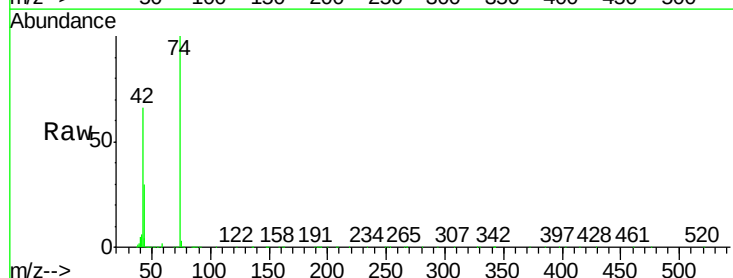
Tgt Ion: 42 Resp: 560559

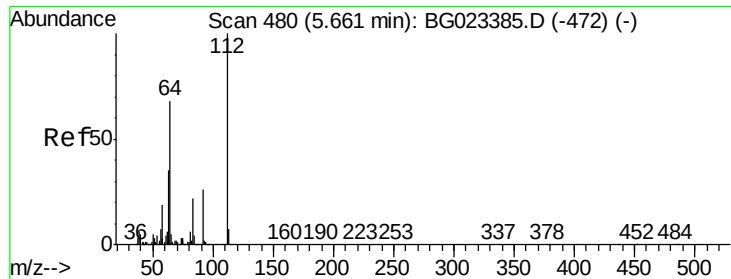
Ion Ratio Lower Upper

42 100

74 151.3 100.6 150.8#

44 6.5 4.5 6.7





#5

2-Fluorophenol

Concen: 166.63 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

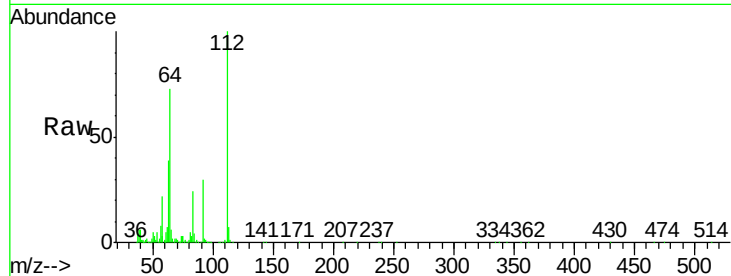
Tot Ion:112 Resp: 1117680

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

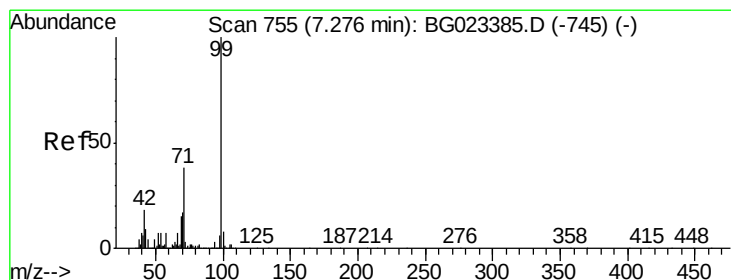
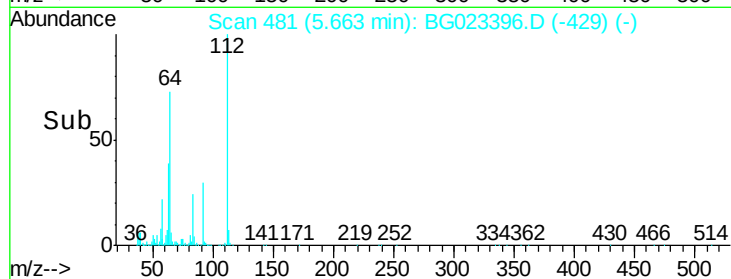
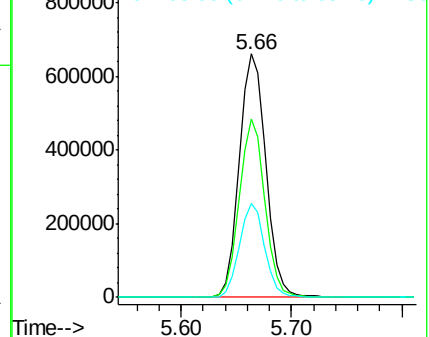
63 38.8 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 162.32 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

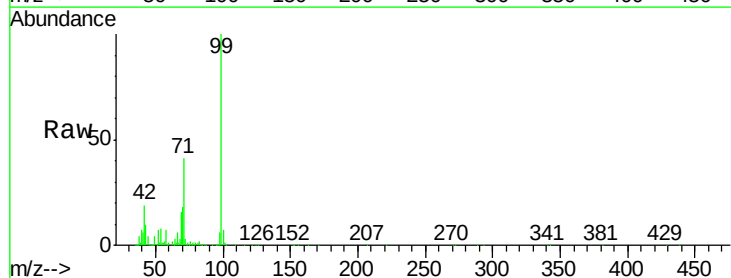
Tgt Ion: 99 Resp: 1695810

Ion Ratio Lower Upper

99 100

42 19.0 17.8 26.6

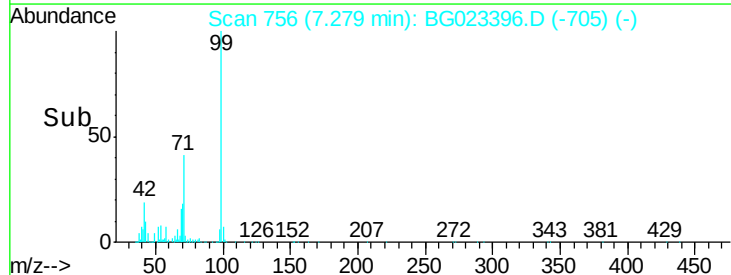
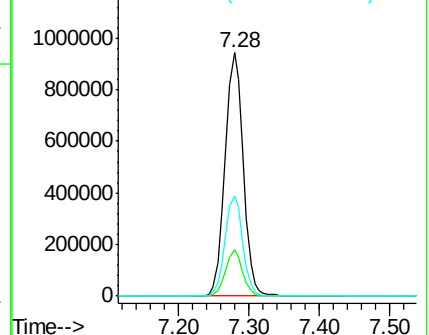
71 41.3 41.5 62.3#

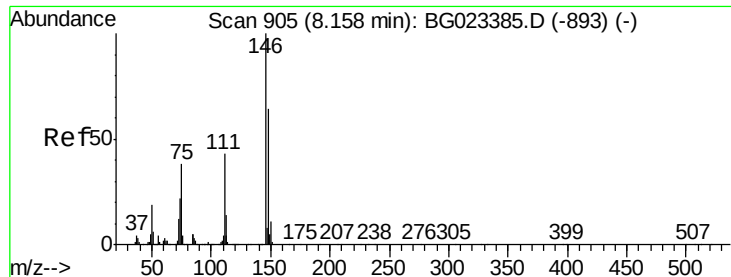


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#12

1,3-Dichlorobenzene

Concen: 154.22 ng

RT: 8.01 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

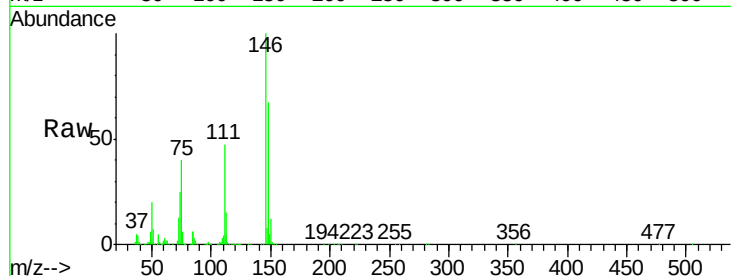
Tot Ion:146 Resp: 1360649

Ion Ratio Lower Upper

146 100

148 67.4 50.3 75.5

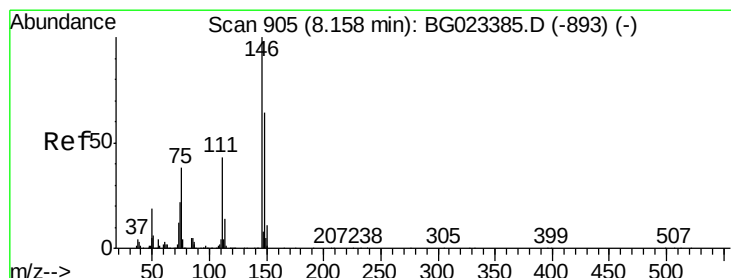
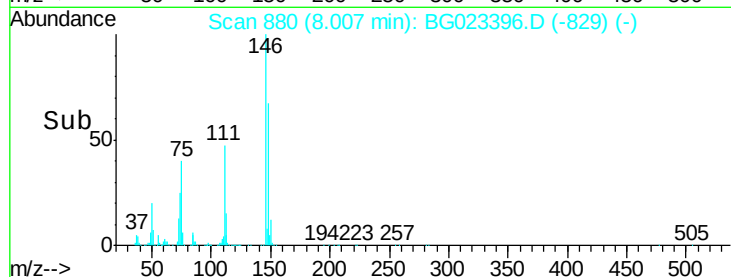
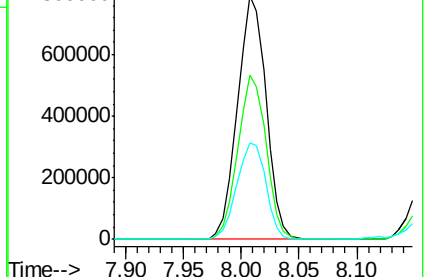
75 39.6 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 30.62 ng

RT: 8.15 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

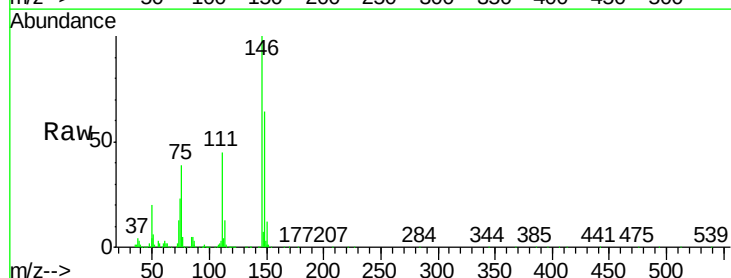
Tgt Ion:146 Resp: 276533

Ion Ratio Lower Upper

146 100

148 63.8 54.5 81.7

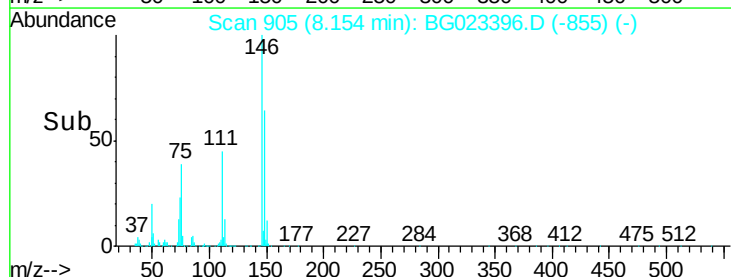
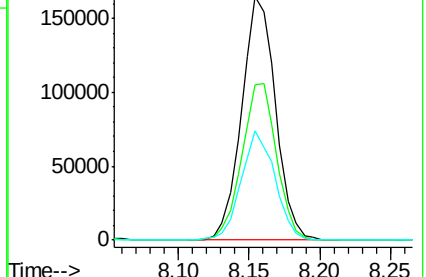
111 44.7 37.8 56.8

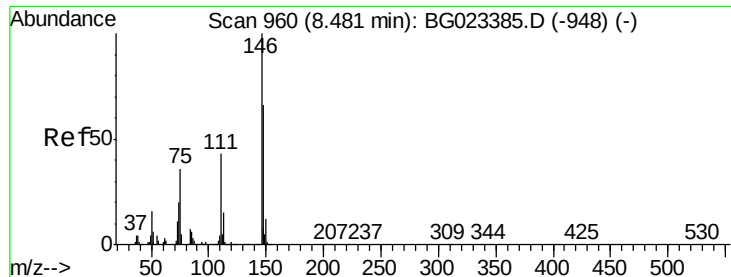


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

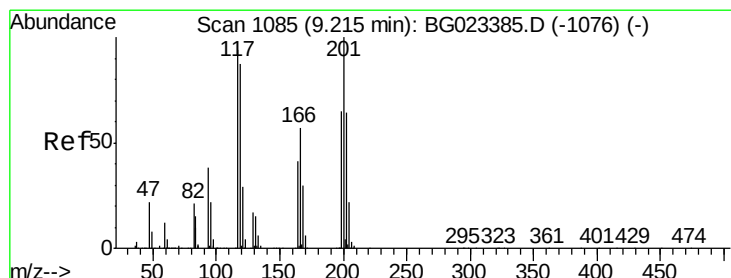
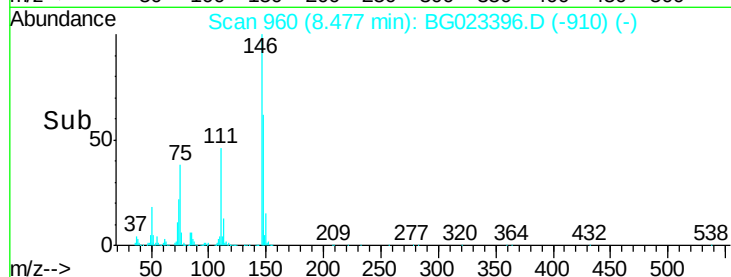
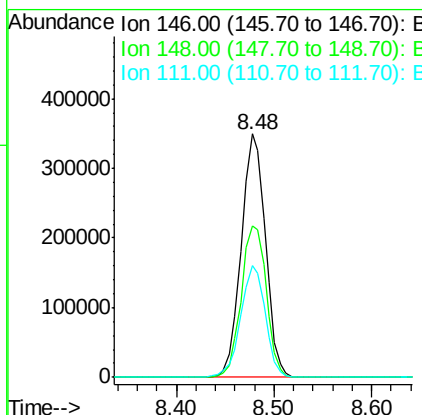
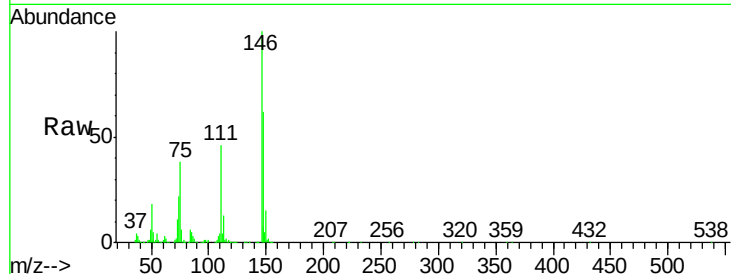




#14
 1,2-Dichlorobenzene
 Concen: 68.13 ng
 RT: 8.48 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BG023396.D
 Acq: 2 Aug 2016 11:21

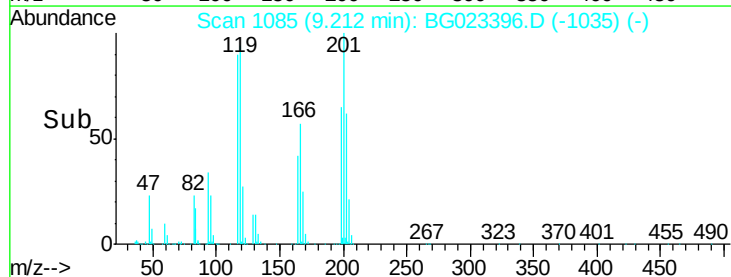
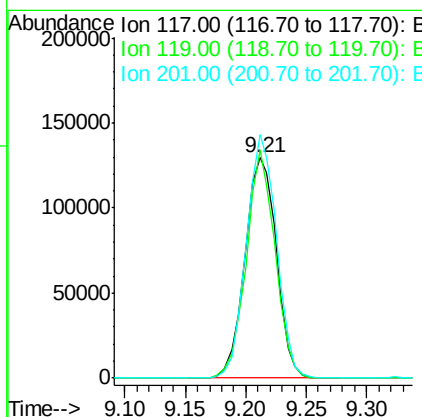
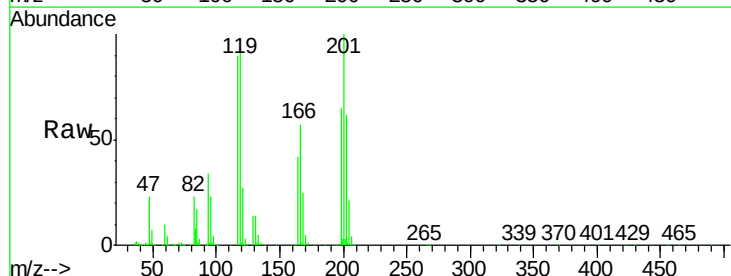
Instrument :
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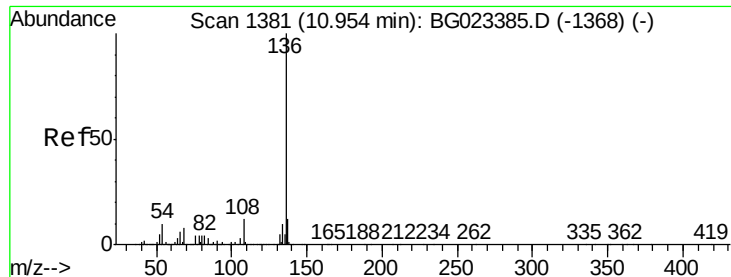
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.9	79.3
111	46.1	43.5	65.3



#18
 Hexachloroethane
 Concen: 69.41 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BG023396.D
 Acq: 2 Aug 2016 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.7	73.7	110.5
201	110.6	88.7	133.1

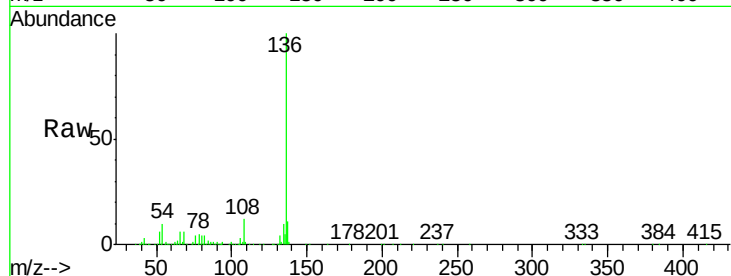




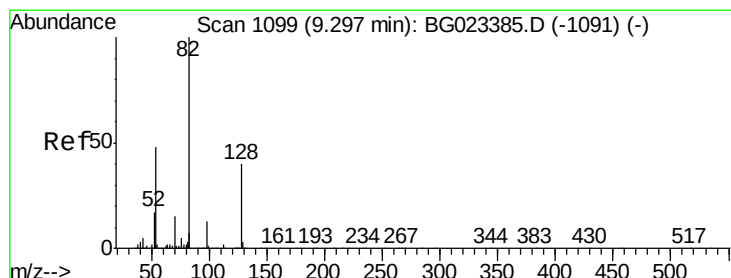
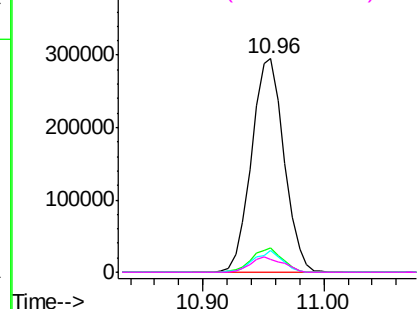
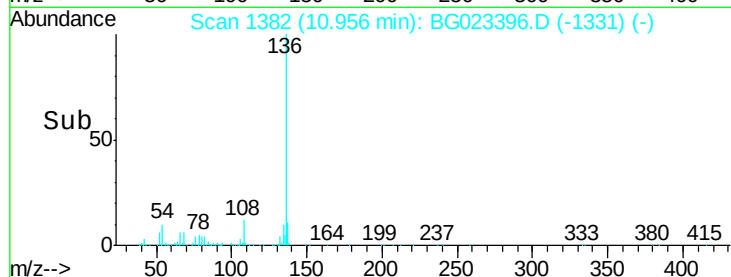
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:136	Resp:	551279
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.6	14.4
54 10.3	7.3	10.9
68 5.7	5.3	7.9

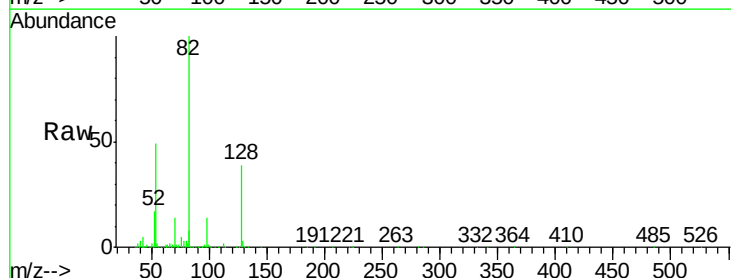


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

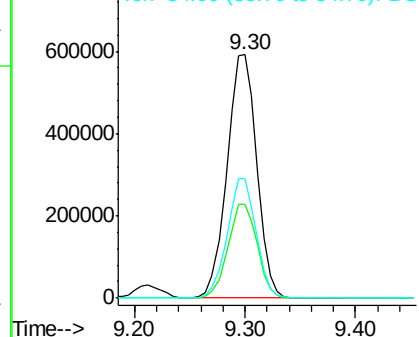
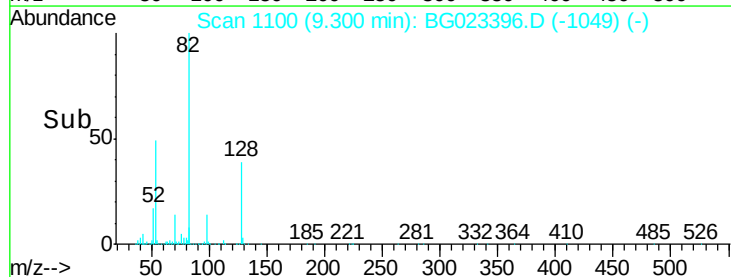


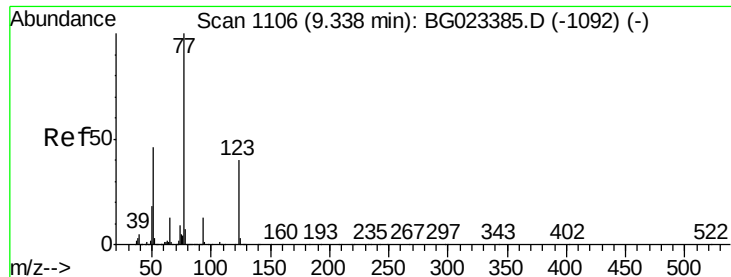
#23
Nitrobenzene-d5
Concen: 100.25 ng
RT: 9.30 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion: 82	Resp: 1111599
Ion Ratio	Lower Upper
82 100	
128 38.5	24.4 36.6#
54 49.3	41.4 62.0



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





#24

Nitrobenzene

Concen: 60.66 ng

RT: 9.34 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampled :

9536

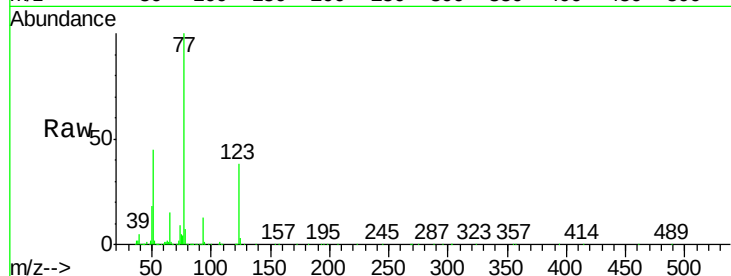
Tot Ion: 77 Resp: 744845

Ion Ratio Lower Upper

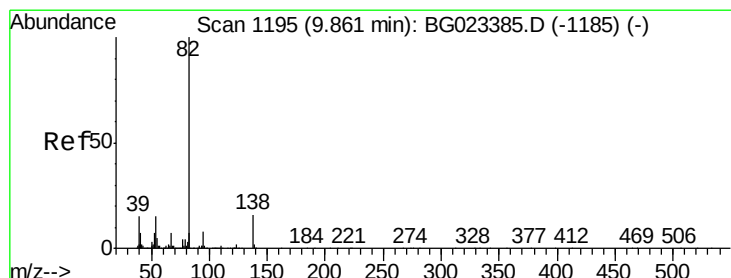
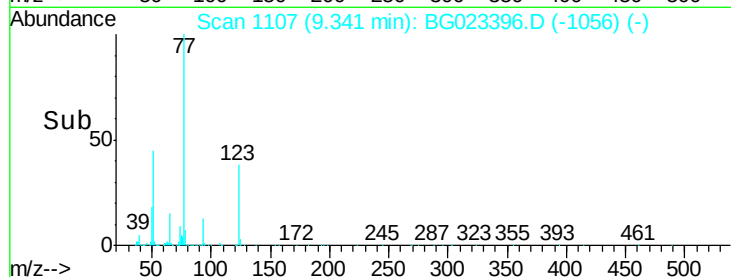
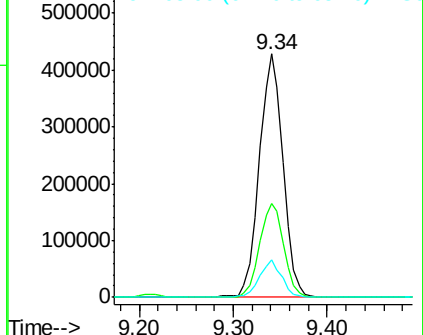
77 100

123 38.3 25.0 37.6#

65 15.4 13.4 20.0



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



#25

Isophorone

Concen: 133.78 ng

RT: 9.86 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

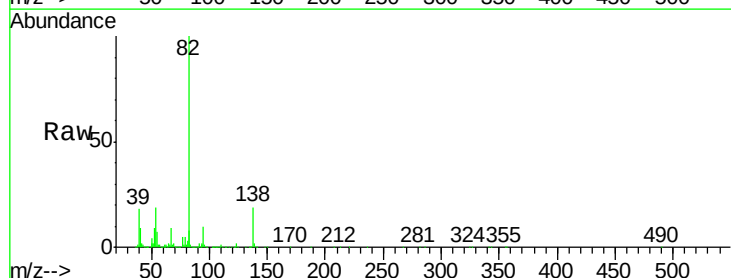
Tgt Ion: 82 Resp: 3090010

Ion Ratio Lower Upper

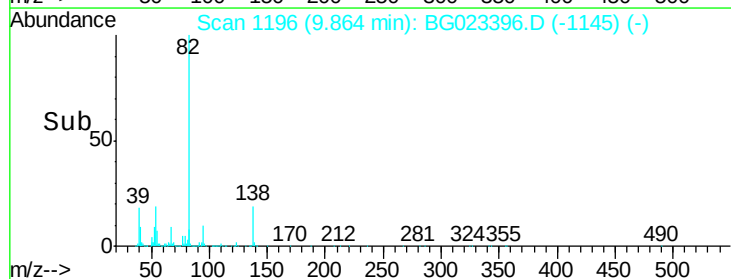
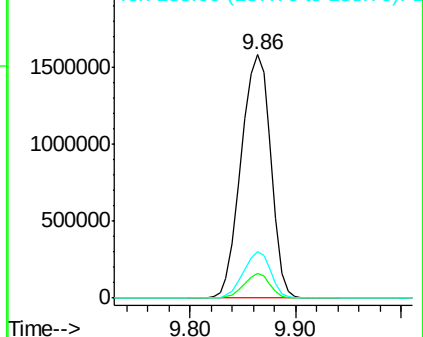
82 100

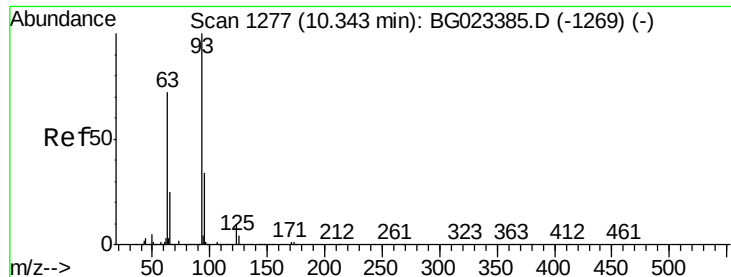
95 10.3 8.2 12.2

138 19.1 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

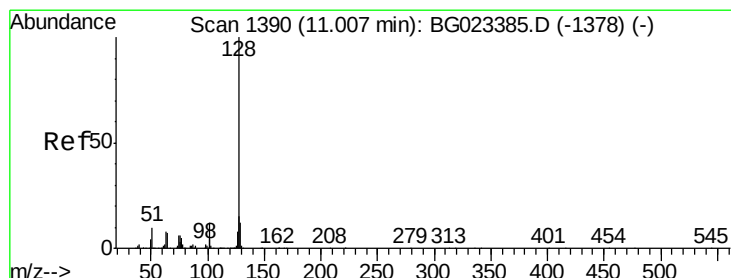
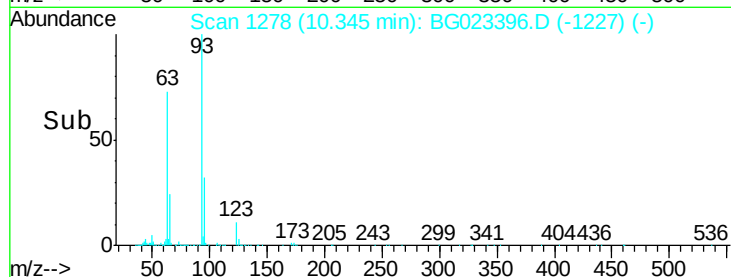
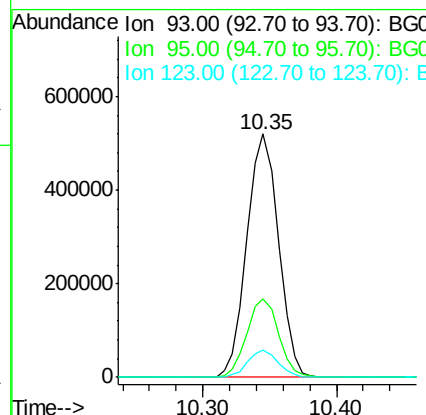
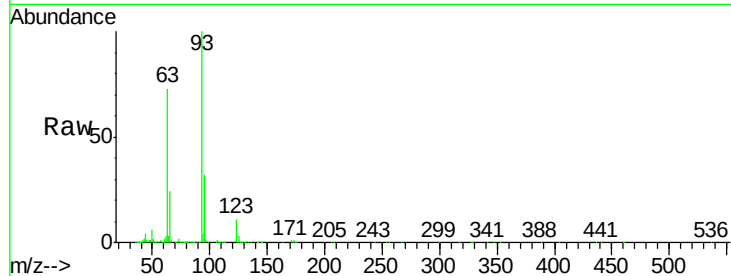




#28
bis(2-Chloroethoxy)methane
Concen: 61.27 ng
RT: 10.35 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

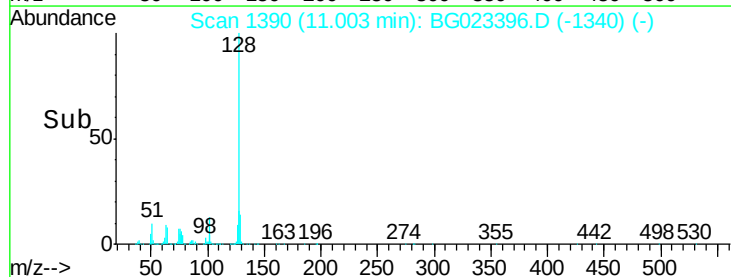
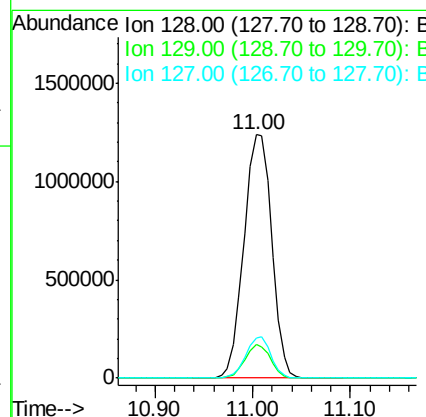
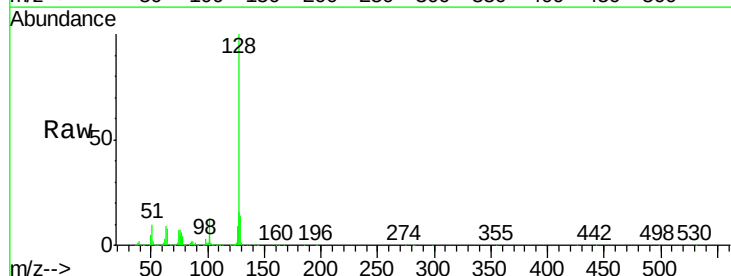
Instrument :
BNA_G
ClientSampleId :
9536

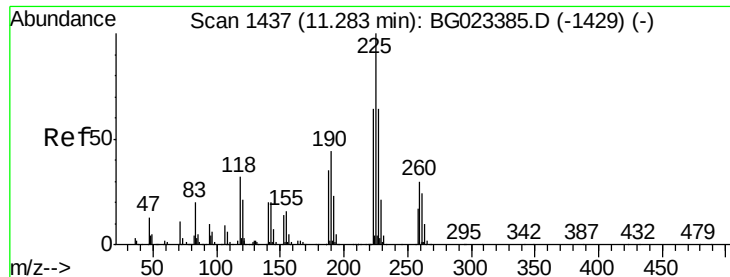
Tot Ion: 93 Resp: 850687
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 11.1 8.2 12.2



#31
Naphthalene
Concen: 87.94 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion: 128 Resp: 2468794
Ion Ratio Lower Upper
128 100
129 13.6 9.4 14.0
127 16.3 11.3 16.9





#34

Hexachlorobutadiene

Concen: 66.91 ng

RT: 11.28 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

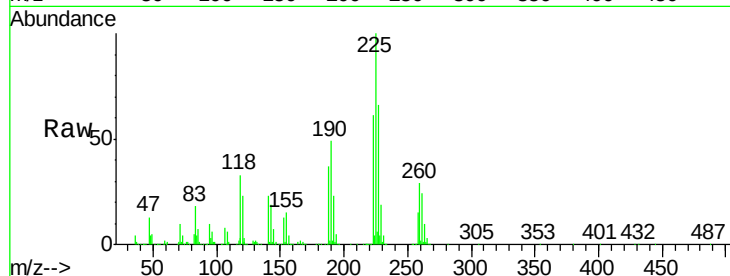
Tot Ion:225 Resp: 421088

Ion Ratio Lower Upper

225 100

223 61.2 49.6 74.4

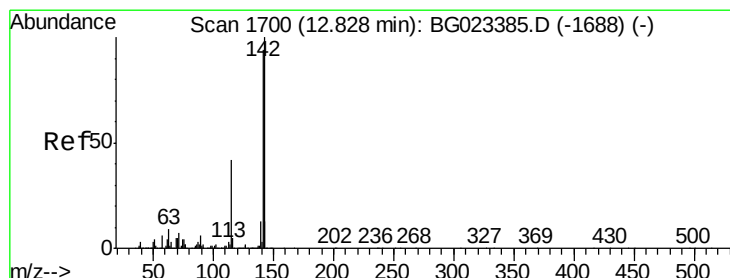
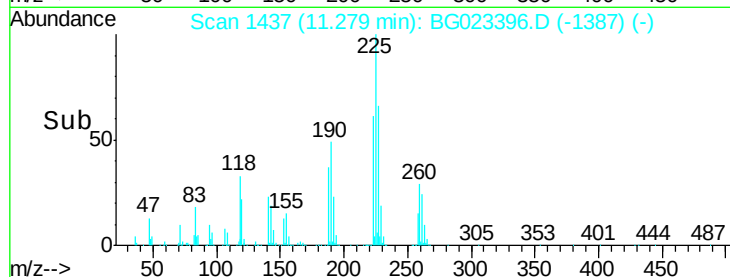
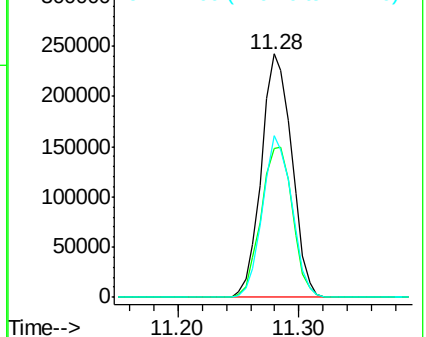
227 66.5 54.5 81.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37

2-Methylnaphthalene

Concen: 52.82 ng

RT: 12.61 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

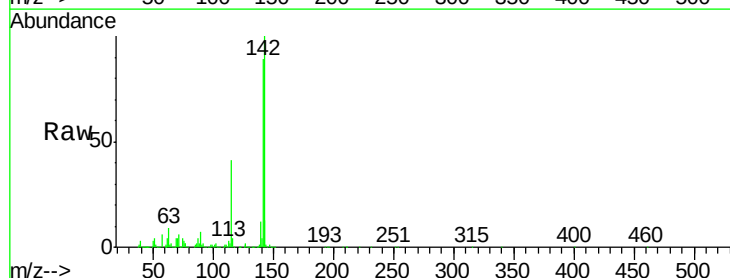
Tgt Ion:142 Resp: 1127348

Ion Ratio Lower Upper

142 100

141 89.2 70.2 105.2

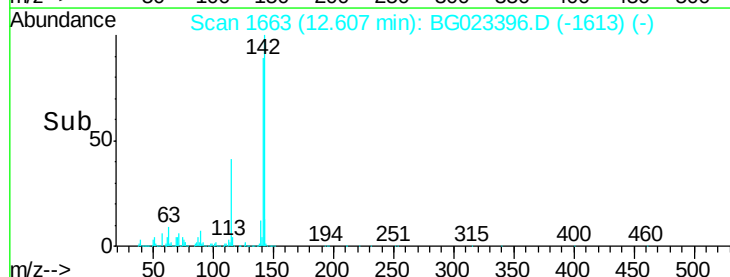
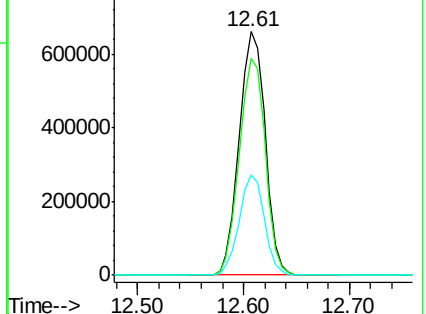
115 41.1 41.7 62.5#

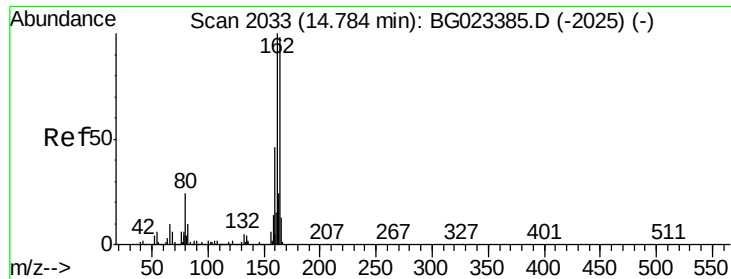


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

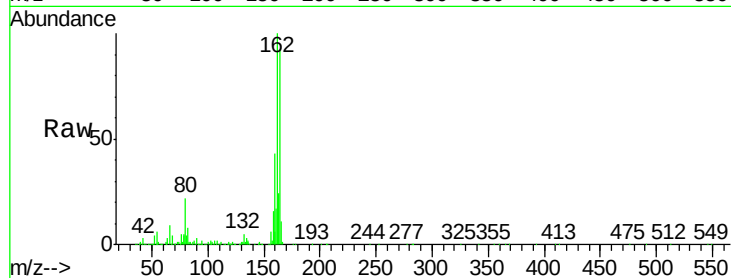
BNA_G

ClientSampleId :

9536

Tot Ion:164 Resp: 380469

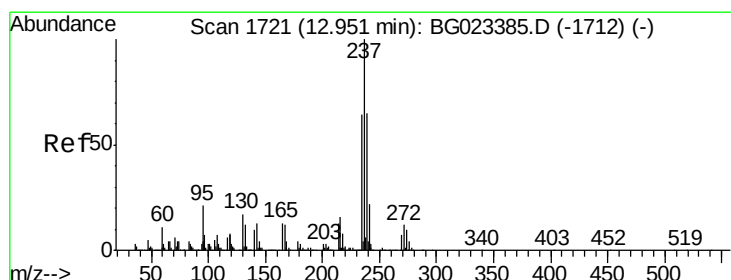
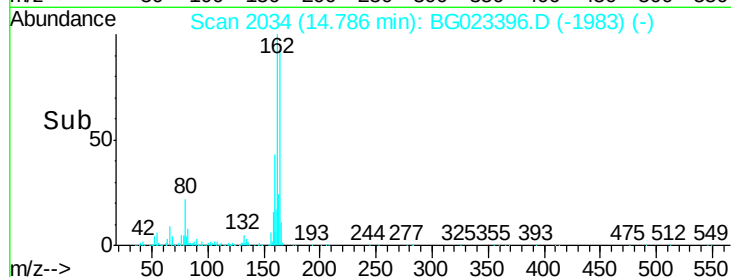
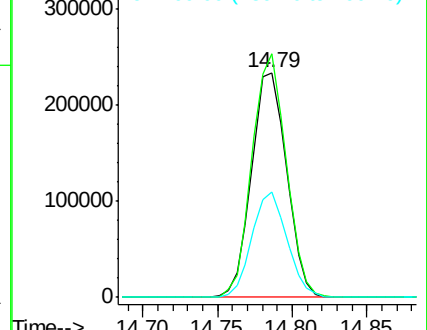
Ion	Ratio	Lower	Upper
164	100		
162	108.2	87.7	131.5
160	46.7	37.2	55.8



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



#40

Hexachlorocyclopentadiene

Concen: 152.29 ng

RT: 12.95 min Scan# 1721

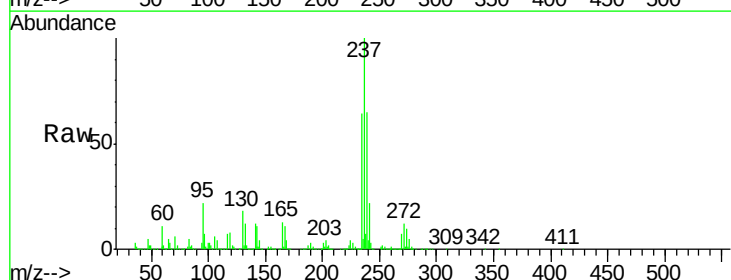
Delta R.T. -0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Tgt Ion:237 Resp: 1059523

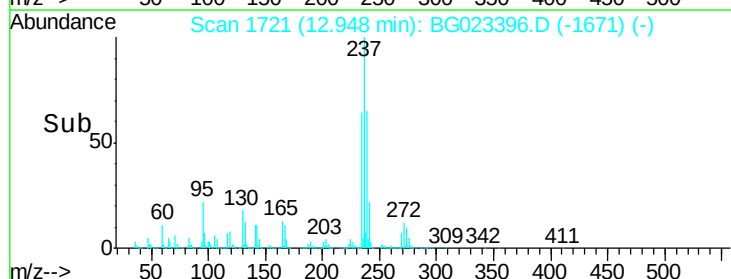
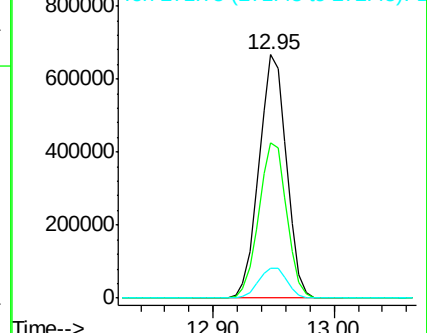
Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.1	83.1
272	12.4	0.0	30.9

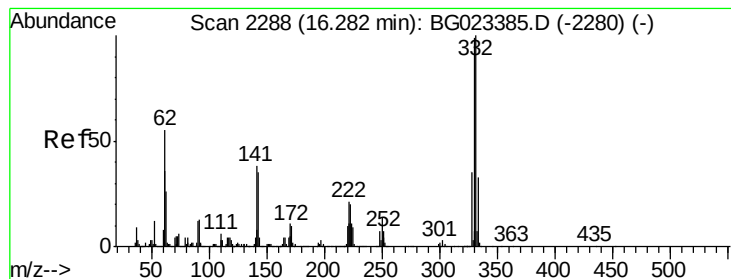


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 124.18 ng

RT: 16.28 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampled :

9536

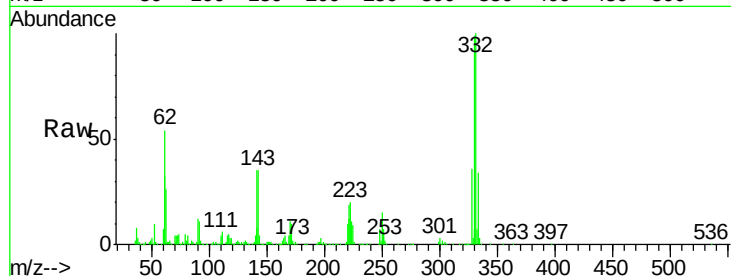
Tot Ion:330 Resp: 691071

Ion Ratio Lower Upper

330 100

332 99.4 77.4 116.2

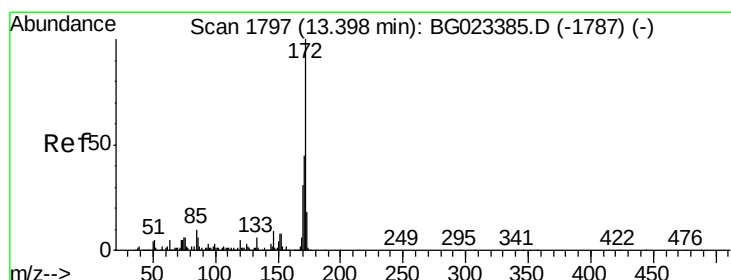
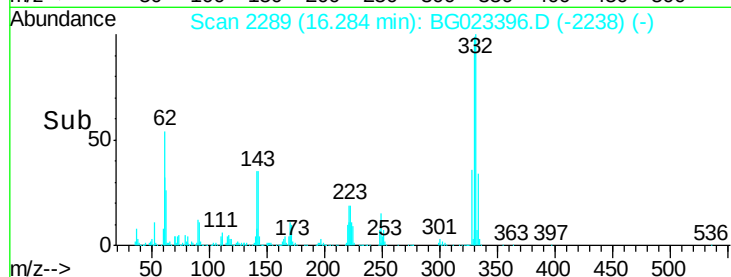
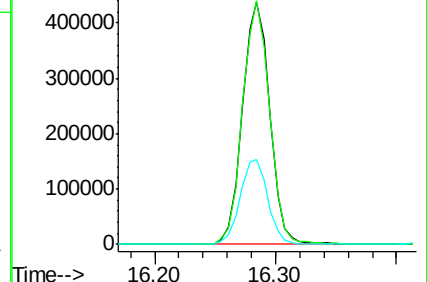
141 35.4 31.7 47.5



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: 101.90 ng

RT: 13.40 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

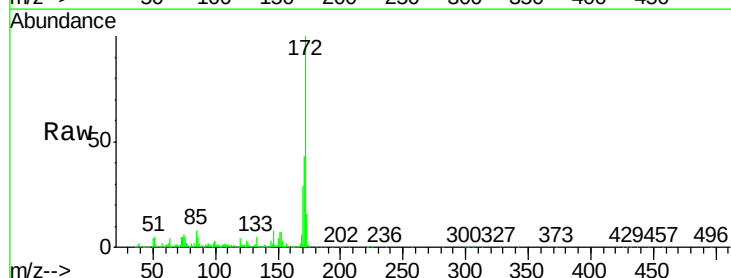
Tgt Ion:172 Resp: 2298539

Ion Ratio Lower Upper

172 100

171 42.6 31.6 47.4

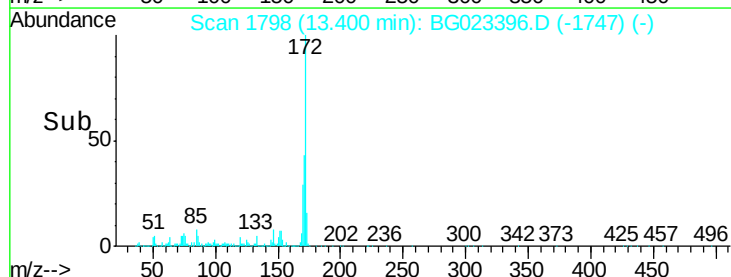
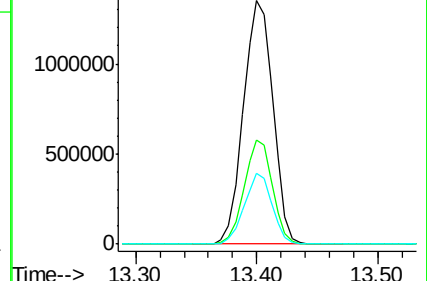
170 29.1 21.3 31.9

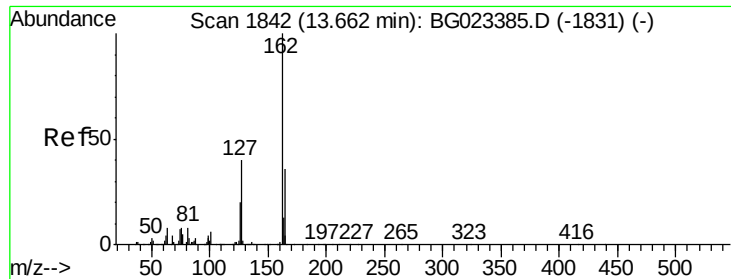


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

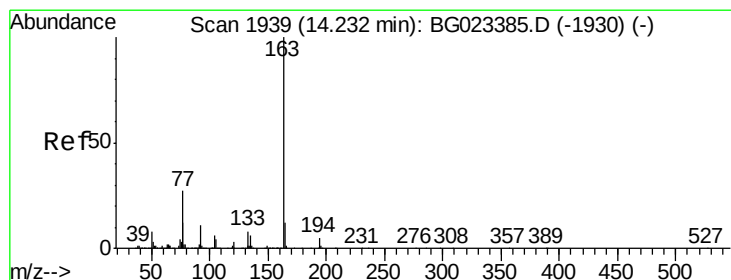
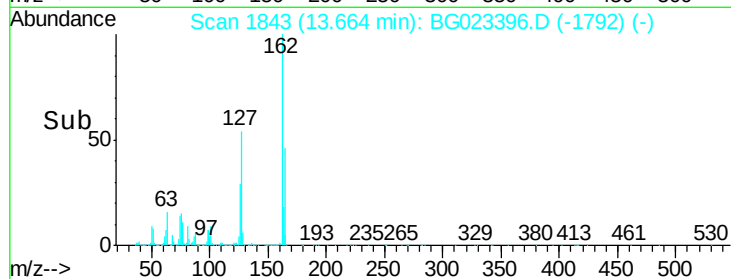
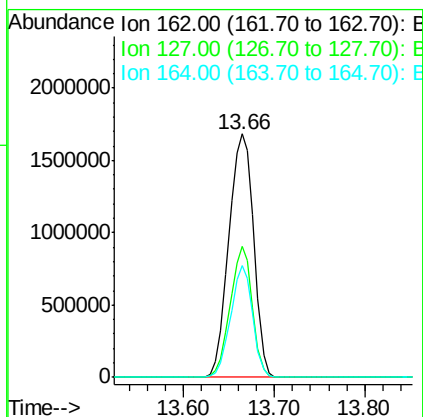
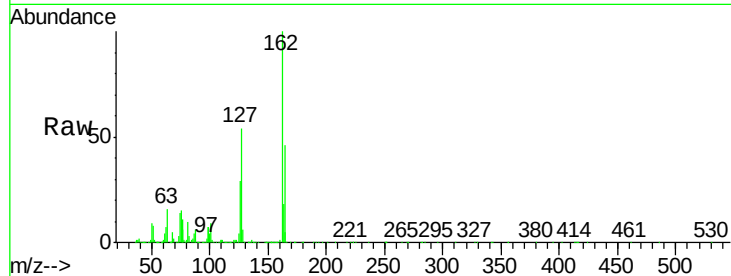




#46
2-Chloronaphthalene
Concen: 141.94 ng
RT: 13.66 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

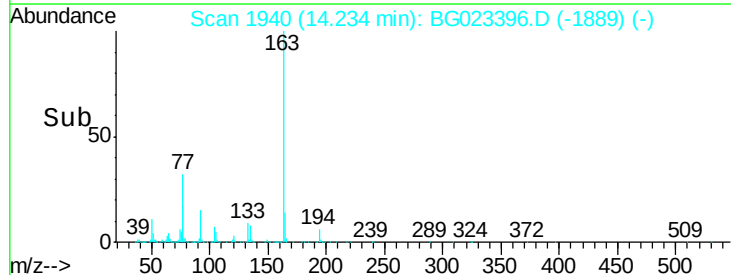
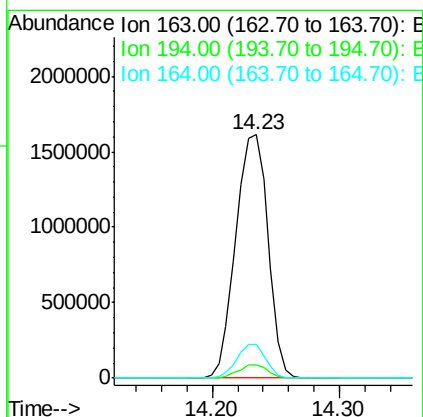
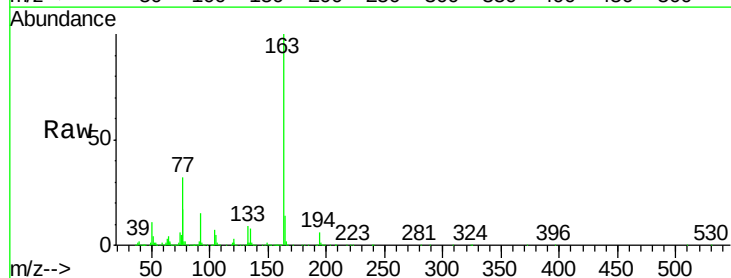
Instrument :
BNA_G
ClientSampleId :
9536

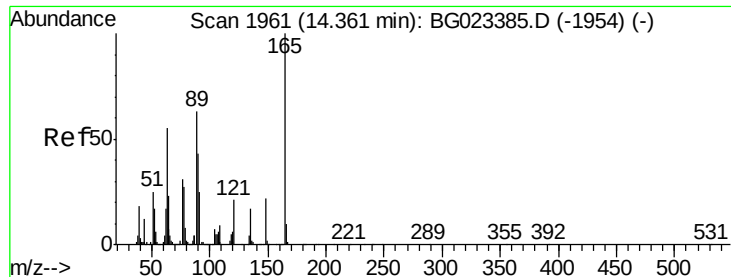
Tot Ion:162 Resp: 3193741
Ion Ratio Lower Upper
162 100
127 54.1 32.4 48.6#
164 45.7 25.2 37.8#



#49
Dimethylphthalate
Concen: 97.64 ng
RT: 14.23 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion:163 Resp: 2850108
Ion Ratio Lower Upper
163 100
194 5.6 3.6 5.4#
164 13.6 8.1 12.1#

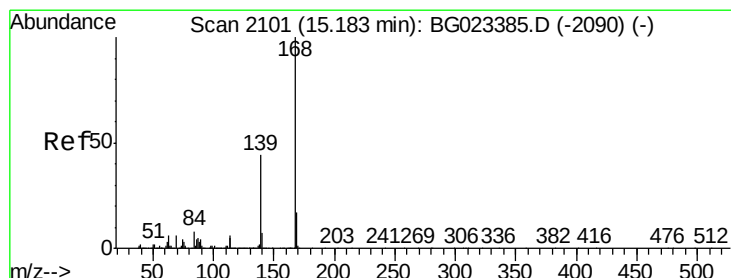
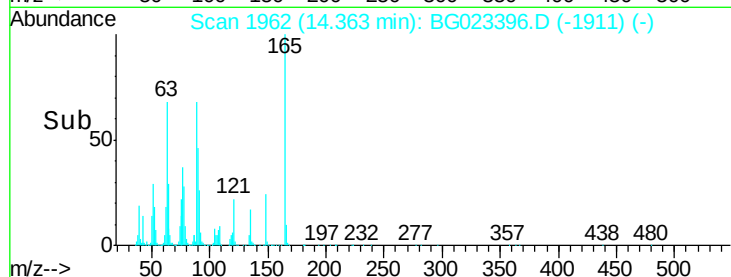
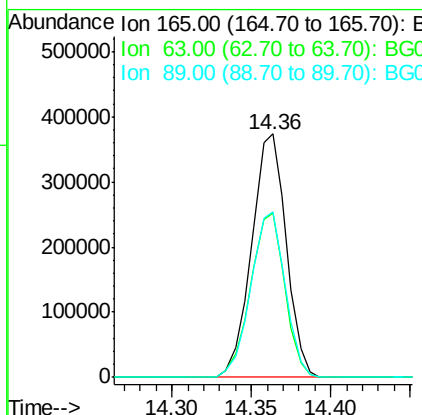
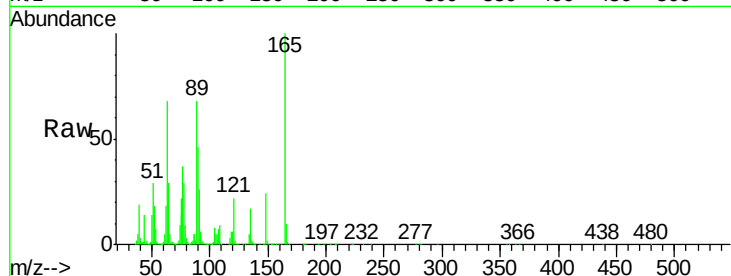




#50
 2,6-Dinitrotoluene
 Concen: 81.96 ng
 RT: 14.36 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG023396.D
 Acq: 2 Aug 2016 11:21

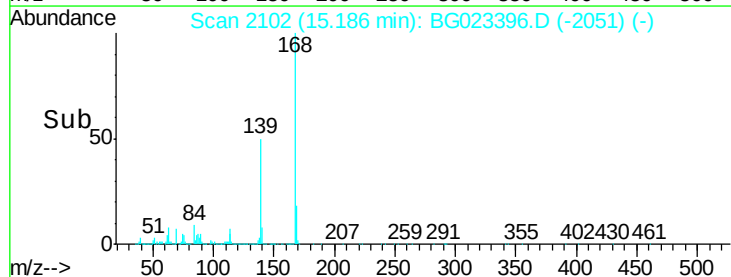
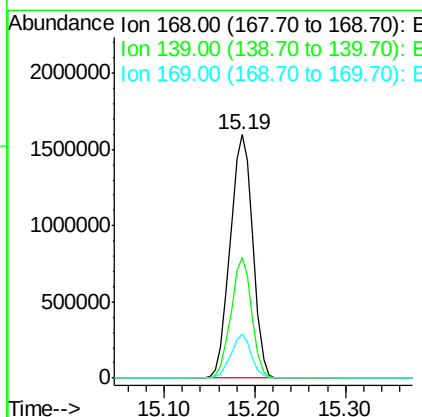
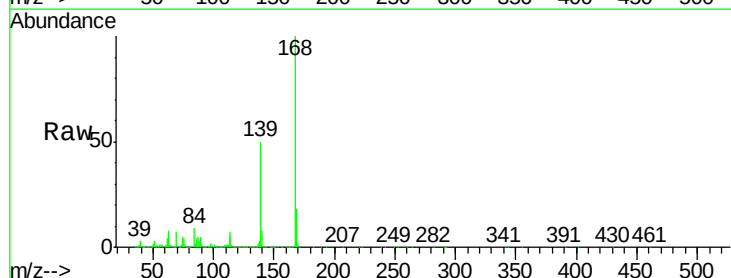
Instrument :
 BNA_G
 ClientSampleId :
 9536

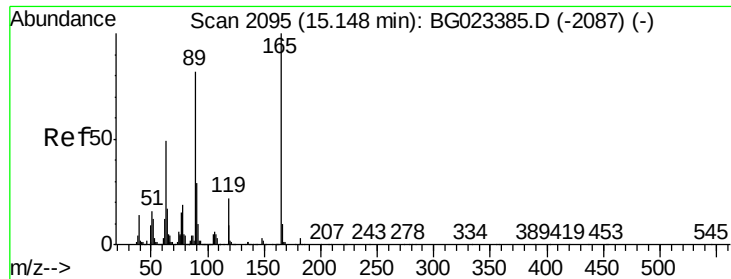
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.6	64.3	96.5
89	68.1	64.3	96.5



#54
 Dibenzofuran
 Concen: 84.32 ng
 RT: 15.19 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG023396.D
 Acq: 2 Aug 2016 11:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	49.5	36.4	54.6
169	18.0	11.9	17.9#

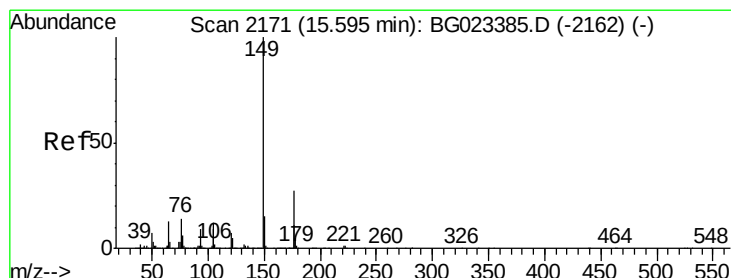
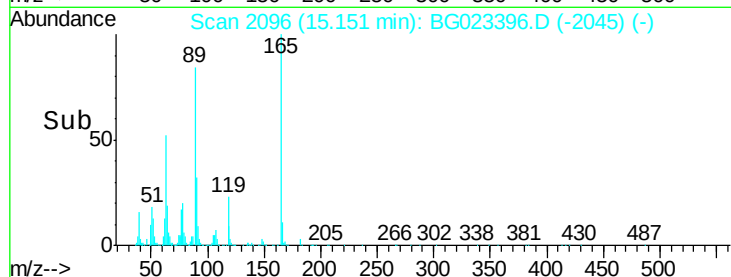
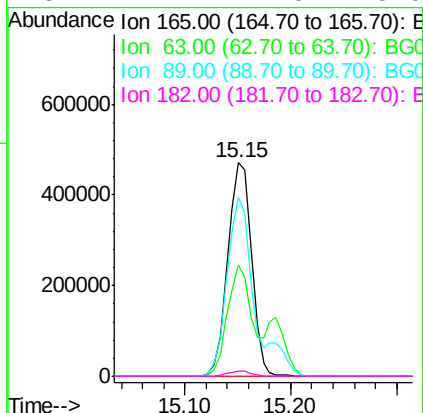
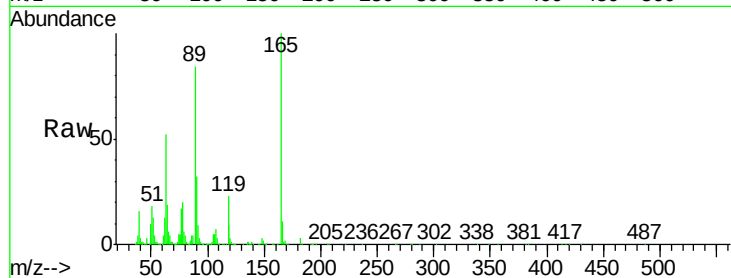




#56
2,4-Dinitrotoluene
Concen: 75.12 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

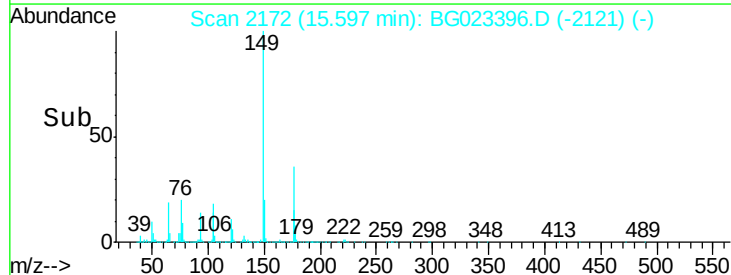
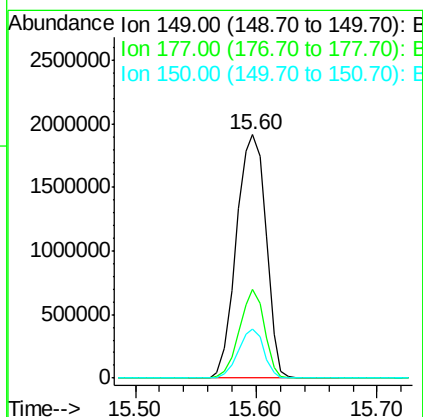
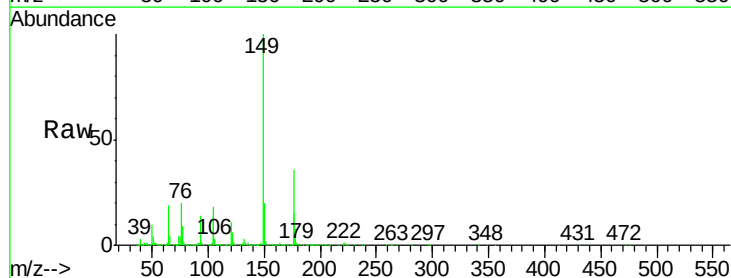
Instrument :
BNA_G
ClientSampleId :
9536

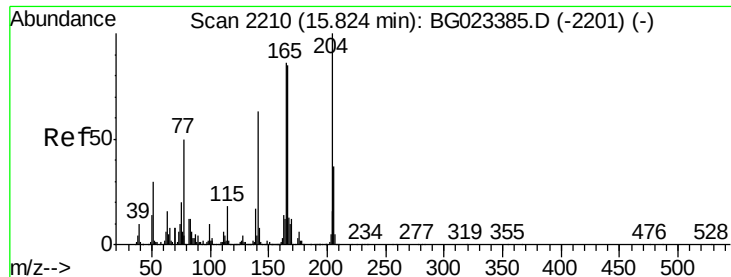
Tot Ion:165 Resp: 728848
Ion Ratio Lower Upper
165 100
63 52.0 45.8 68.6
89 84.0 68.6 102.8
182 2.7 2.0 3.0



#59
Diethylphthalate
Concen: 110.51 ng
RT: 15.60 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion:149 Resp: 3274727
Ion Ratio Lower Upper
149 100
177 36.3 19.2 28.8#
150 20.2 10.6 16.0#

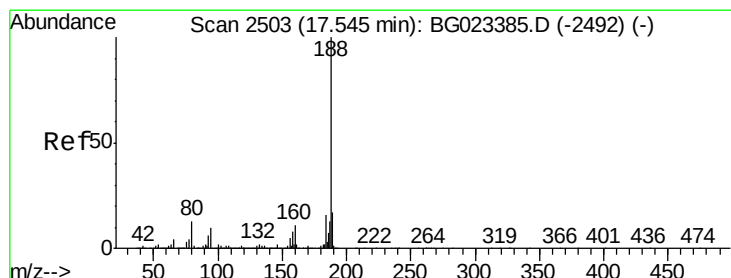
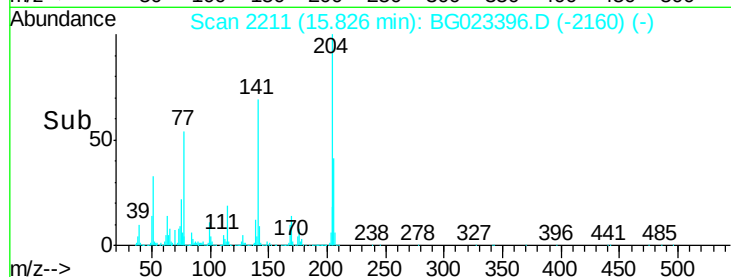
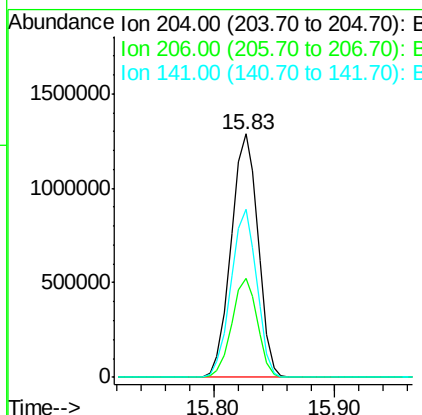
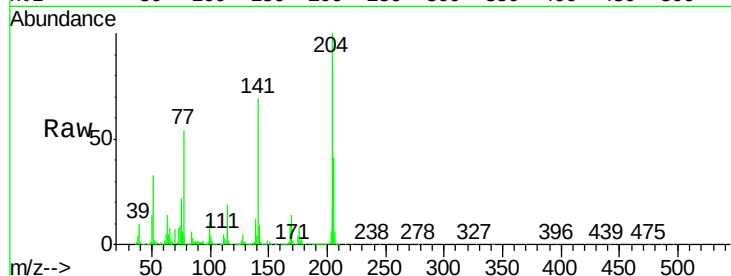




#60
4-Chlorophenyl-phenylether
Concen: 132.15 ng
RT: 15.83 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

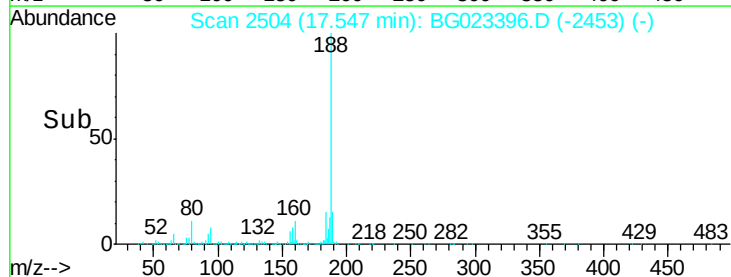
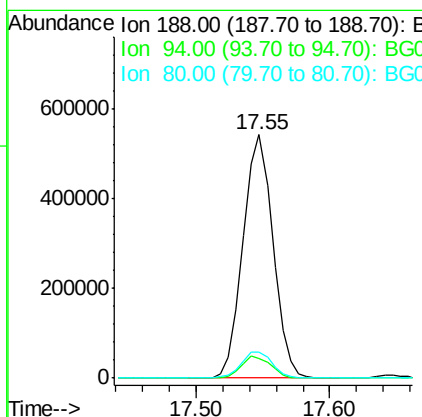
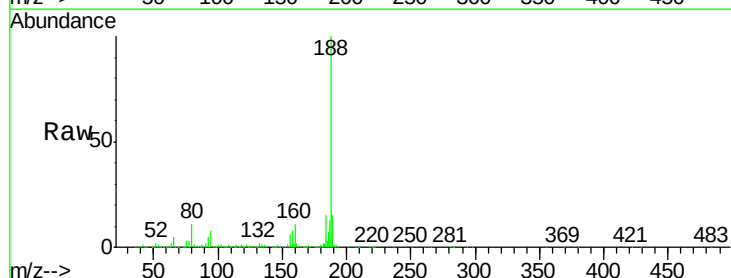
Instrument :
BNA_G
ClientSampleId :
9536

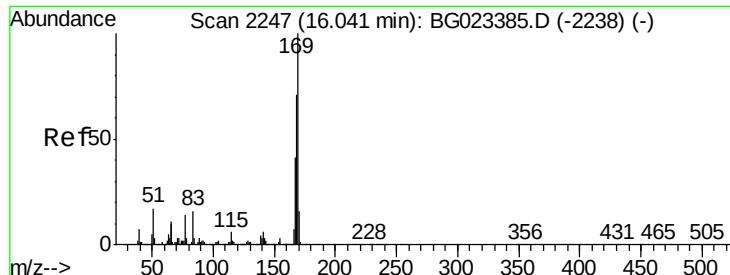
Tot Ion:204 Resp: 1996411
Ion Ratio Lower Upper
204 100
206 40.7 28.5 42.7
141 68.9 51.4 77.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion:188 Resp: 842461
Ion Ratio Lower Upper
188 100
94 8.3 5.2 7.8#
80 10.9 7.2 10.8#





#65

n-Nitrosodiphenylamine

Concen: 99.68 ng

RT: 16.04 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

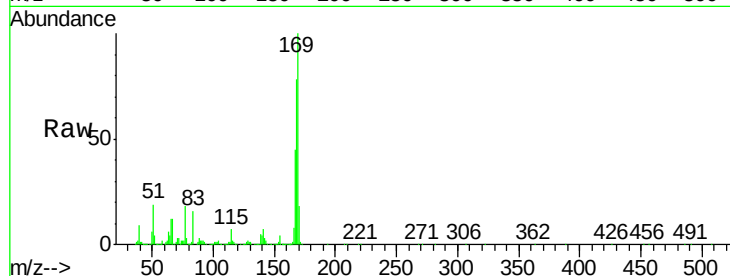
Tot Ion:169 Resp: 2463215

Ion Ratio Lower Upper

169 100

168 77.8 55.0 82.4

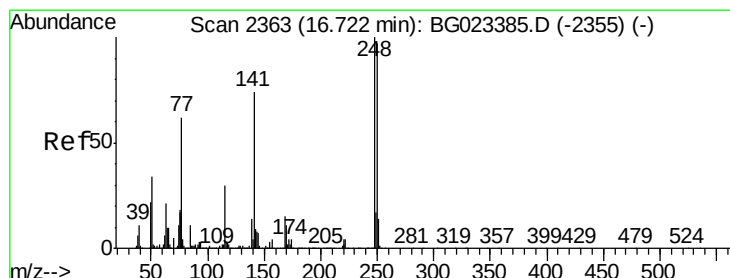
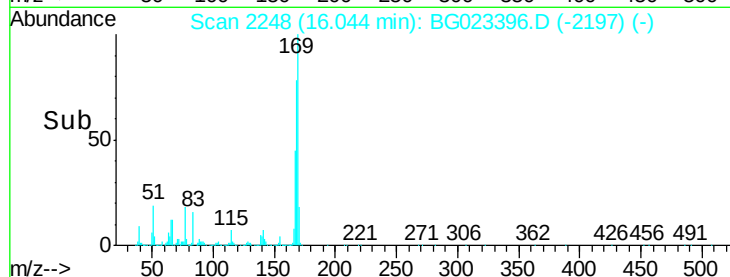
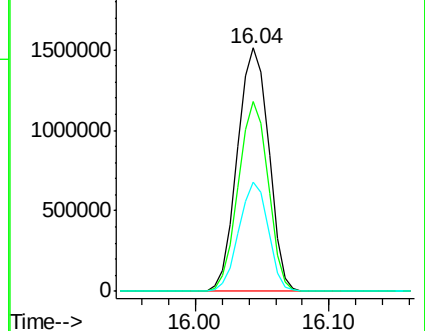
167 44.6 27.4 41.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 124.95 ng

RT: 16.72 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

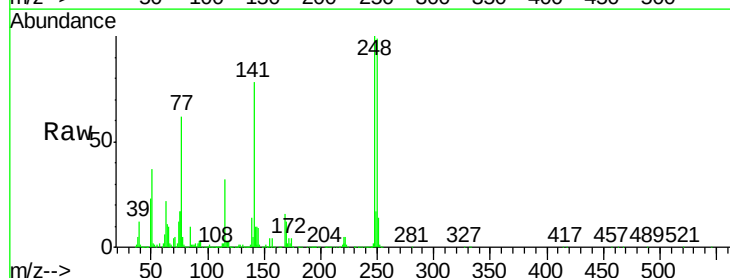
Tgt Ion:248 Resp: 1226877

Ion Ratio Lower Upper

248 100

250 98.9 77.8 116.8

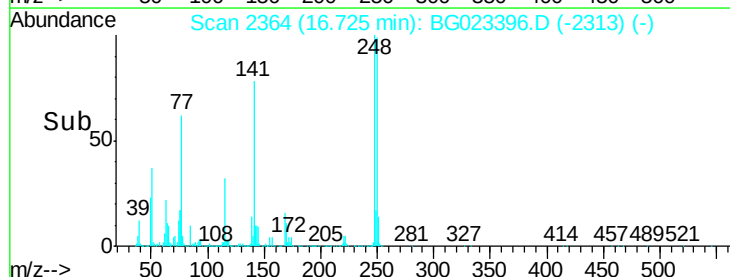
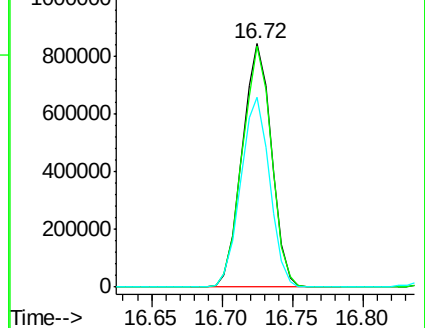
141 78.2 65.7 98.5

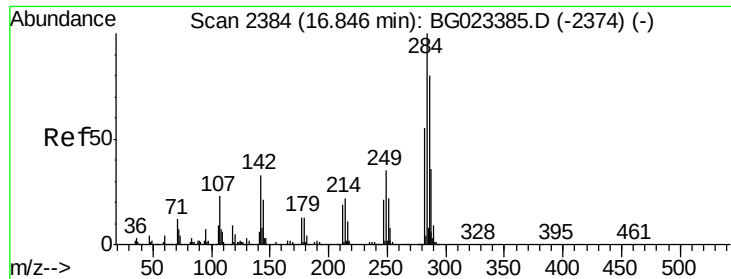


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 64.31 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

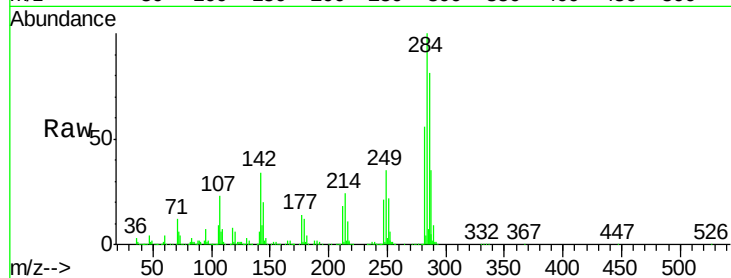
Tot Ion:284 Resp: 690787

Ion Ratio Lower Upper

284 100

142 34.2 26.8 40.2

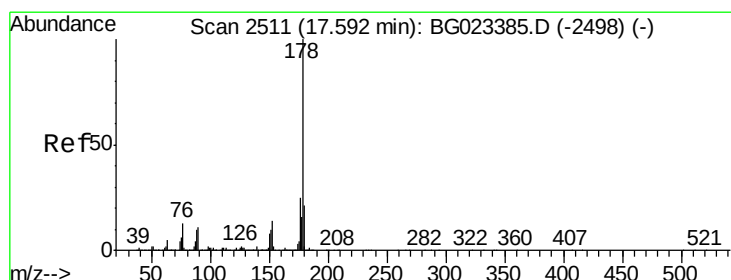
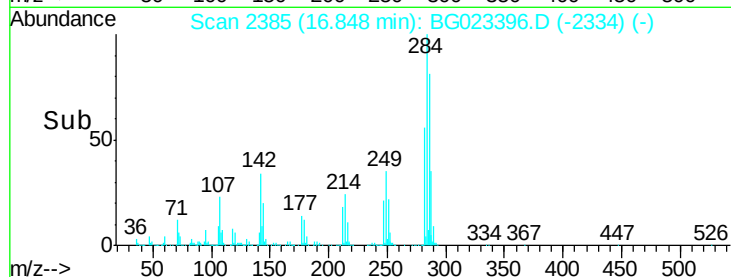
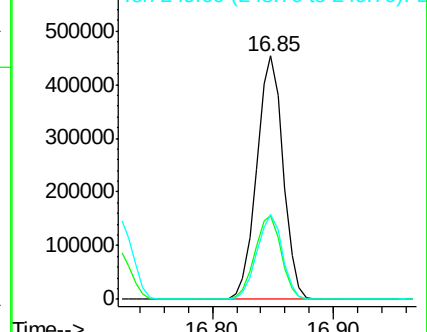
249 34.7 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 100.53 ng

RT: 17.59 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

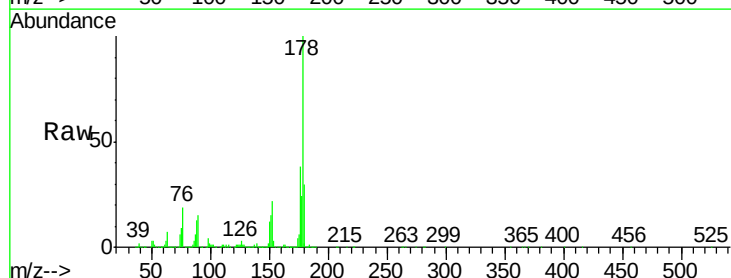
Tgt Ion:178 Resp: 4297399

Ion Ratio Lower Upper

178 100

176 37.7 16.8 25.2#

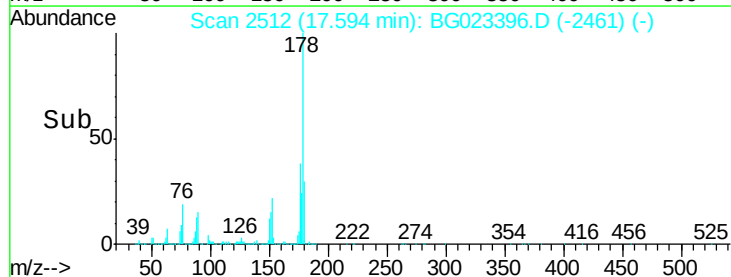
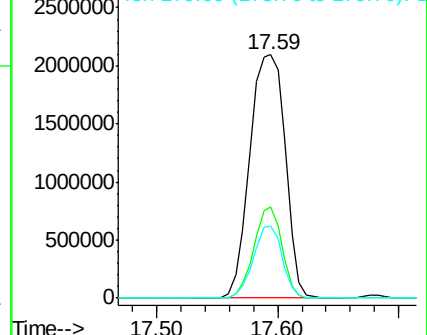
179 29.6 14.3 21.5#

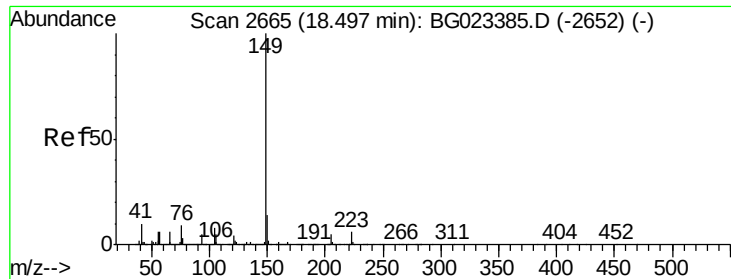


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

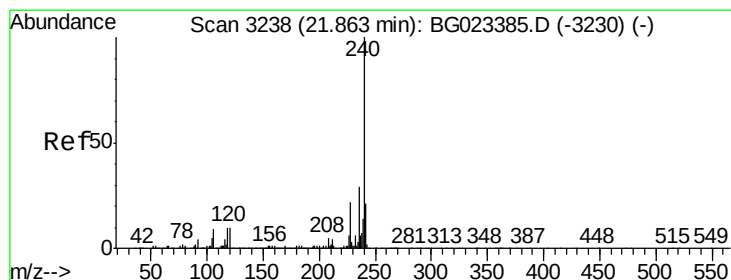
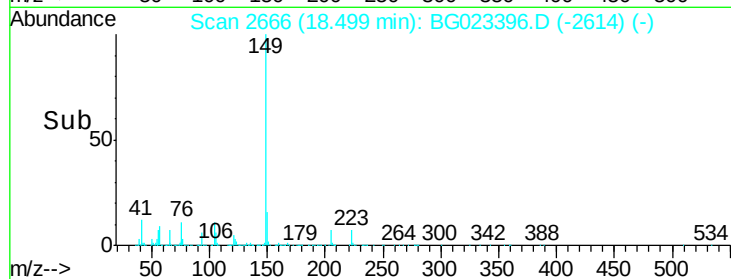
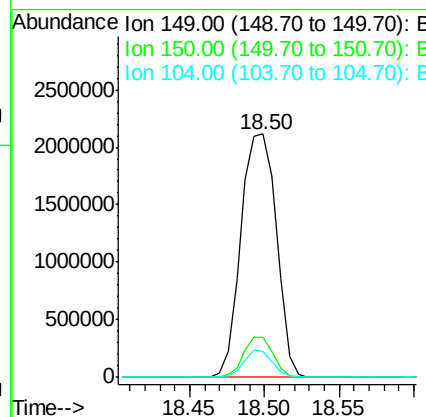
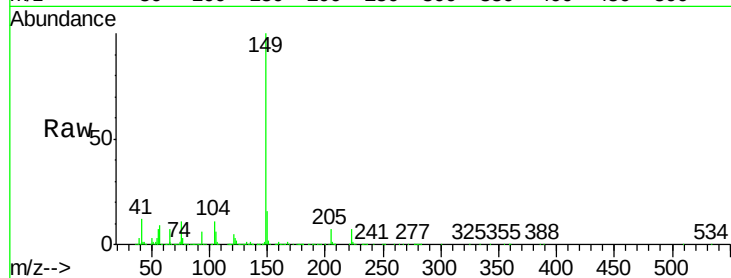




#73
Di-n-butylphthalate
Concen: 100.70 ng
RT: 18.50 min Scan# 2666
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

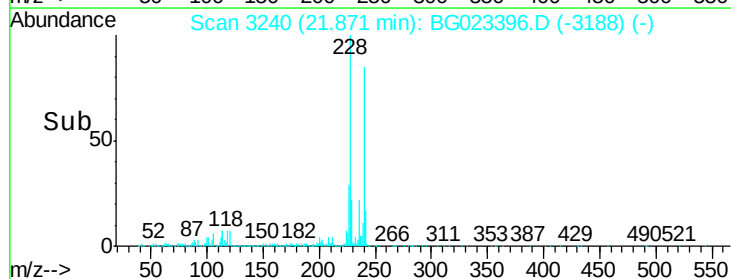
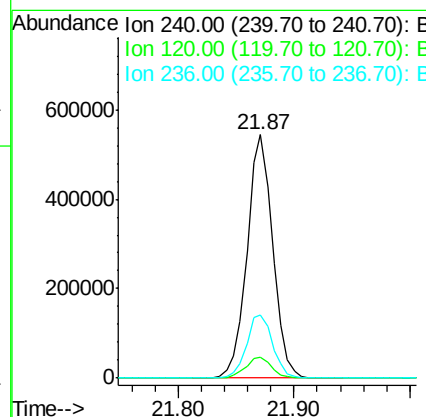
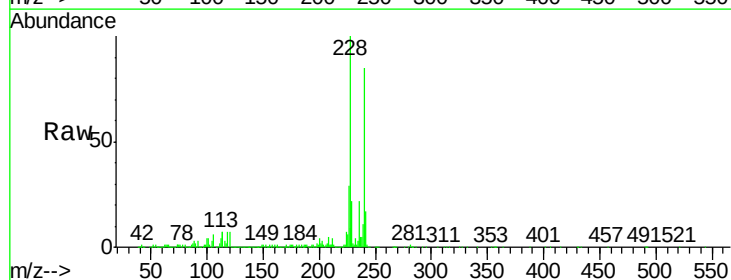
Instrument :
BNA_G
ClientSampleId :
9536

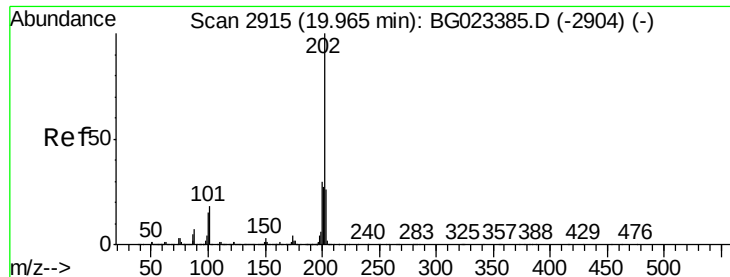
Tot Ion:149 Resp: 3491111
Ion Ratio Lower Upper
149 100
150 16.4 9.1 13.7#
104 10.9 6.9 10.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion:240 Resp: 836477
Ion Ratio Lower Upper
240 100
120 8.6 4.1 6.1#
236 26.1 21.1 31.7





#77

Pvrene

Concen: 113.17 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

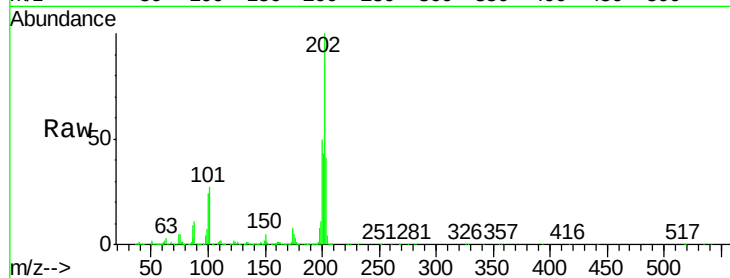
Tot Ion:202 Resp: 4728203

Ion Ratio Lower Upper

202 100

200 49.7 21.2 31.8#

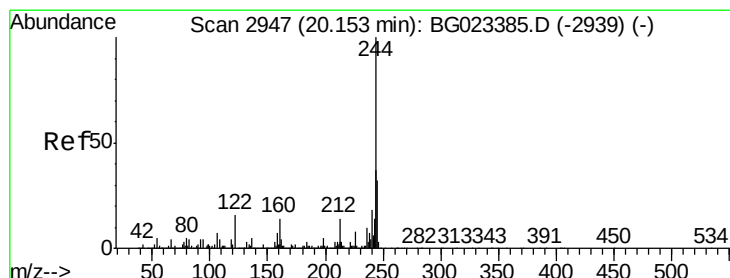
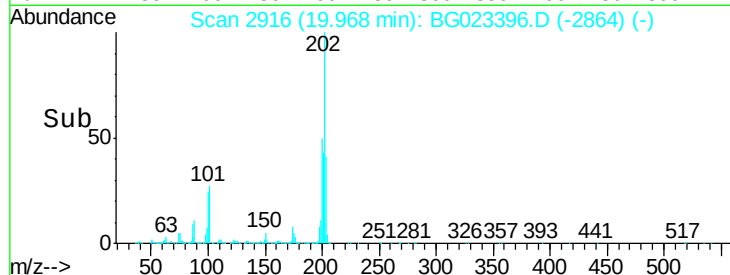
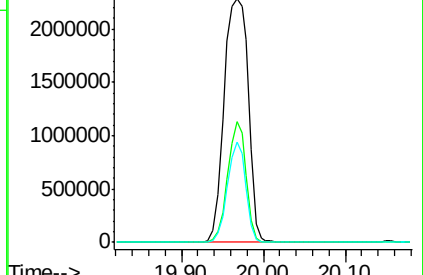
203 41.4 16.8 25.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 112.10 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

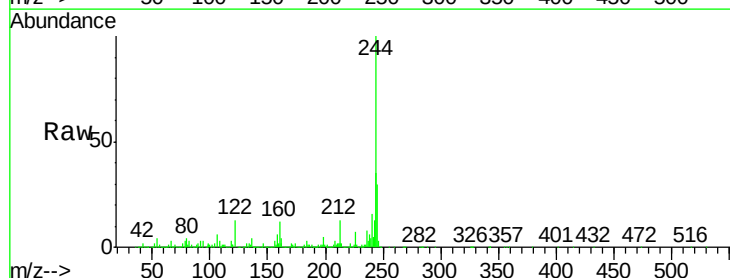
Tgt Ion:244 Resp: 2833199

Ion Ratio Lower Upper

244 100

212 13.0 10.8 16.2

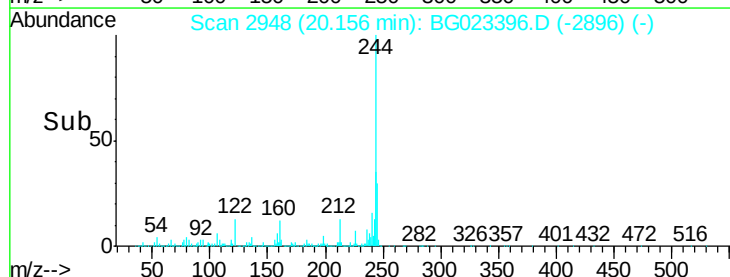
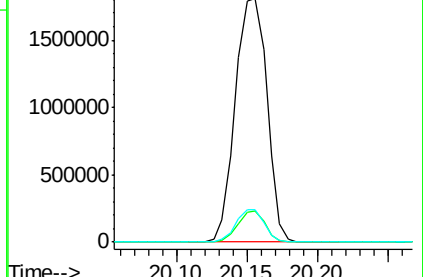
122 13.3 8.0 12.0#

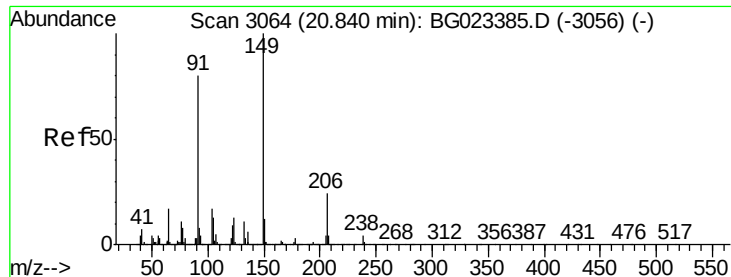


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

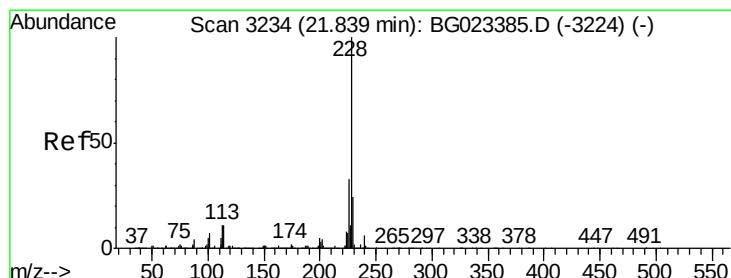
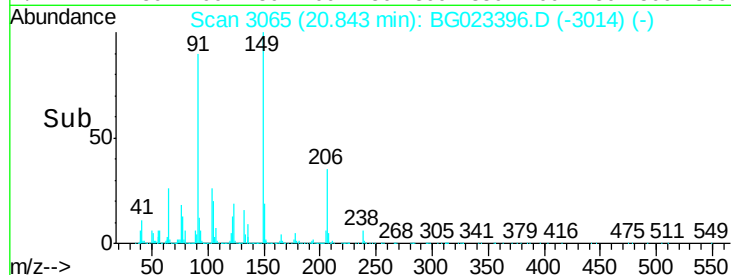
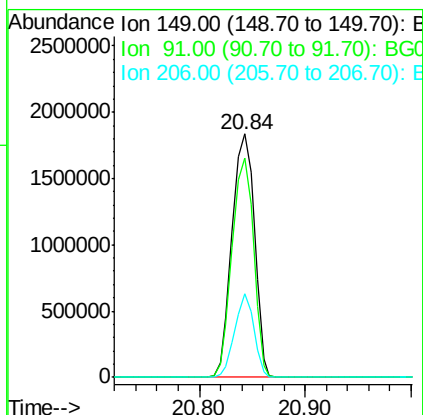
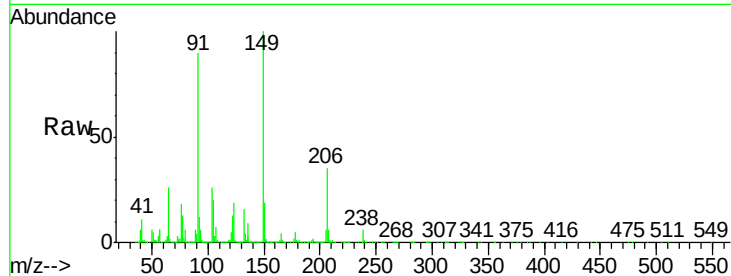




#79
Butylbenzylphthalate
Concen: 133.33 ng
RT: 20.84 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

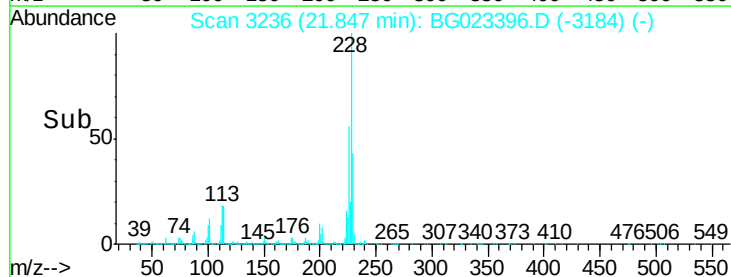
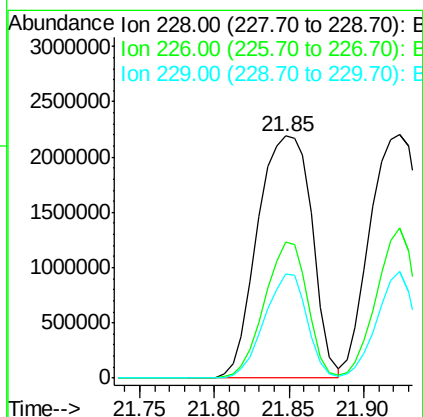
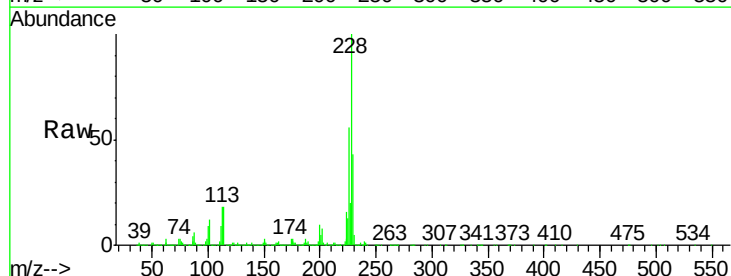
Instrument :
BNA_G
ClientSampleId :
9536

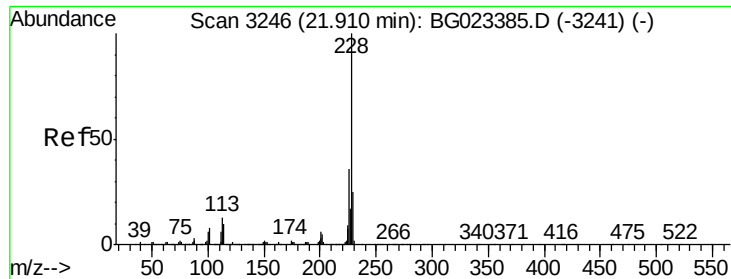
Tot Ion:149 Resp: 2685595
Ion Ratio Lower Upper
149 100
91 89.9 68.1 102.1
206 34.5 19.8 29.6#



#80
Benzo(a)anthracene
Concen: 119.87 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion:228 Resp: 5535077
Ion Ratio Lower Upper
228 100
226 56.5 25.3 37.9#
229 42.8 19.9 29.9#

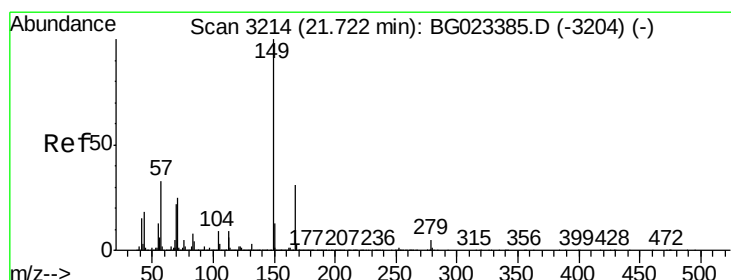
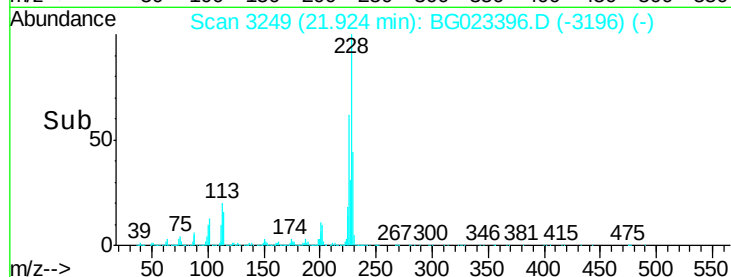
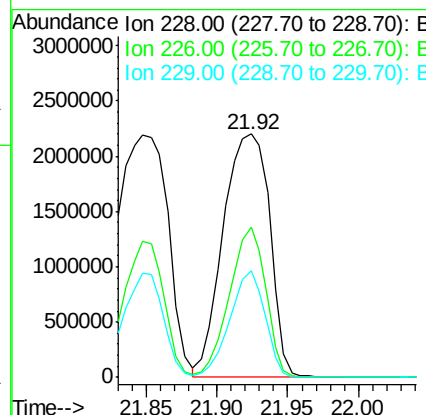
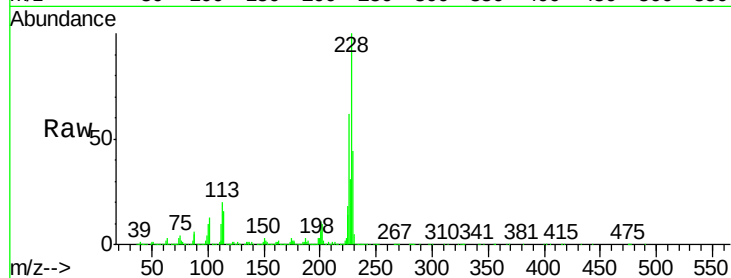




#82
 Chrysene
 Concen: 114.67 ng
 RT: 21.92 min Scan# 3249
 Delta R.T. 0.01 min
 Lab File: BG023396.D
 Acq: 2 Aug 2016 11:21

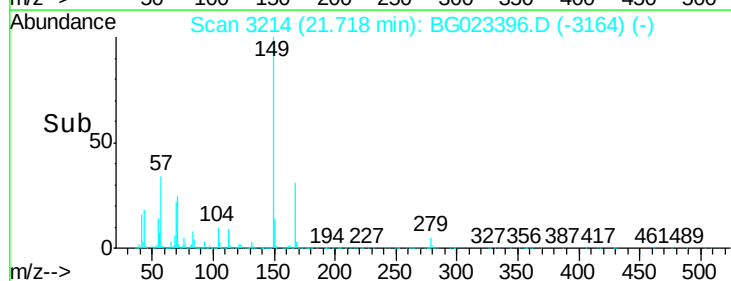
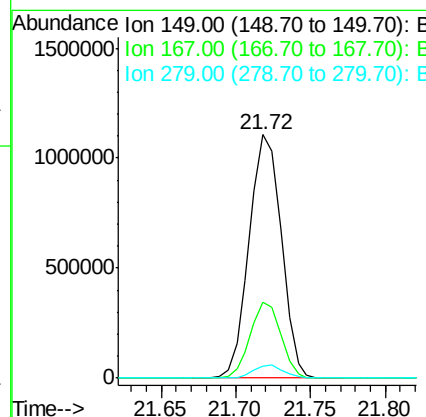
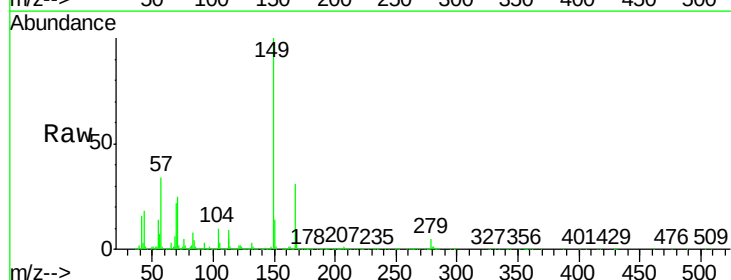
Instrument :
 BNA_G
 ClientSampleId :
 9536

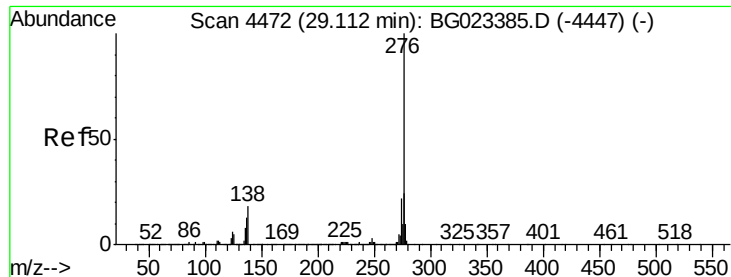
Tot Ion:228 Resp: 5037529
 Ion Ratio Lower Upper
 228 100
 226 61.8 26.7 40.1#
 229 43.8 17.4 26.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.82 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG023396.D
 Acq: 2 Aug 2016 11:21

Tgt Ion:149 Resp: 1649849
 Ion Ratio Lower Upper
 149 100
 167 31.1 24.0 36.0
 279 5.0 4.8 7.2

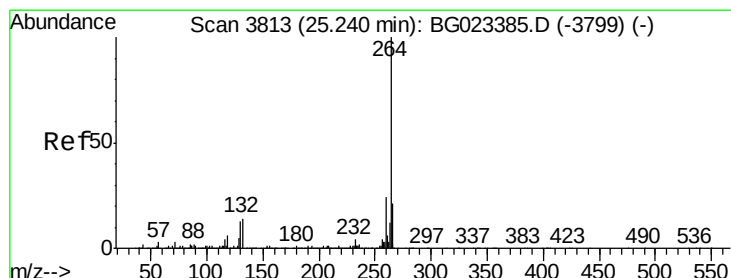
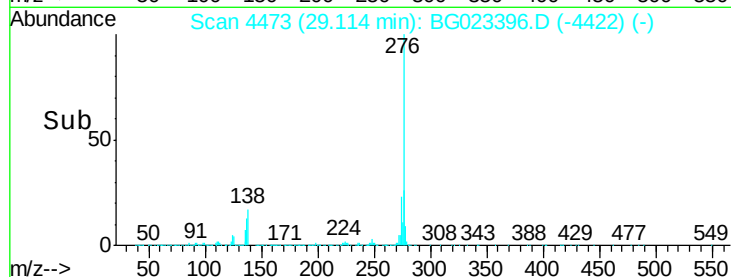
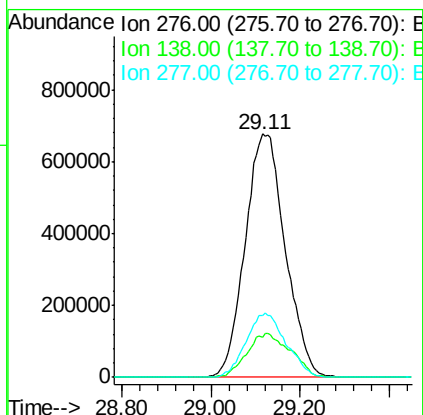
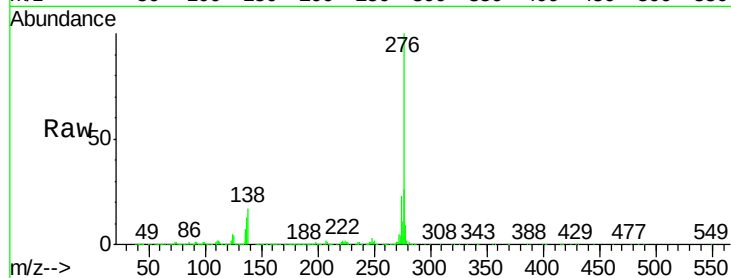




#85
Indeno(1,2,3-cd)pyrene
Concen: 76.57 ng
RT: 29.11 min Scan# 4473
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

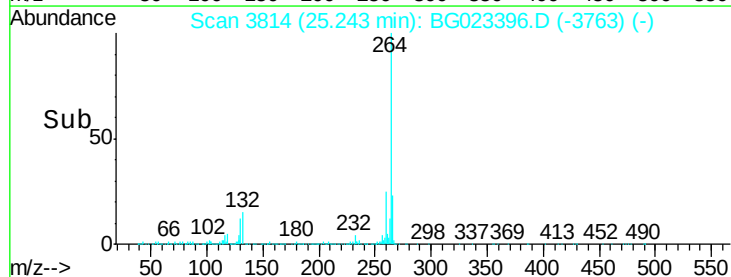
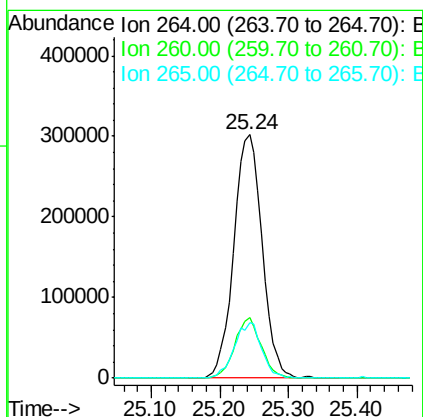
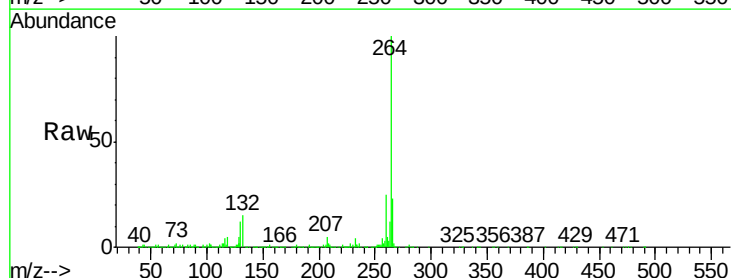
Instrument :
BNA_G
ClientSampleId :
9536

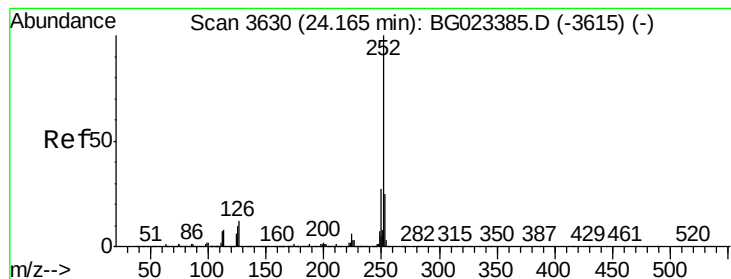
Tot Ion:276 Resp: 4203440
Ion Ratio Lower Upper
276 100
138 19.8 0.0 0.0#
277 26.4 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion:264 Resp: 864303
Ion Ratio Lower Upper
264 100
260 24.8 18.4 27.6
265 23.0 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 78.83 ng

RT: 24.17 min Scan# 3631

Delta R.T. 0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

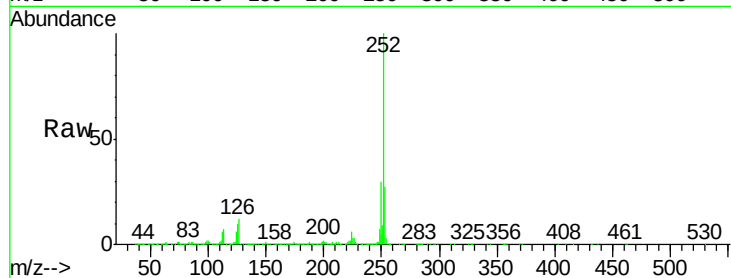
Tot Ion:252 Resp: 3833510

Ion Ratio Lower Upper

252 100

253 27.2 18.9 28.3

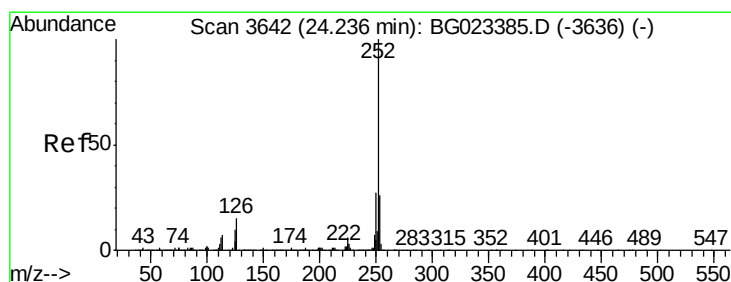
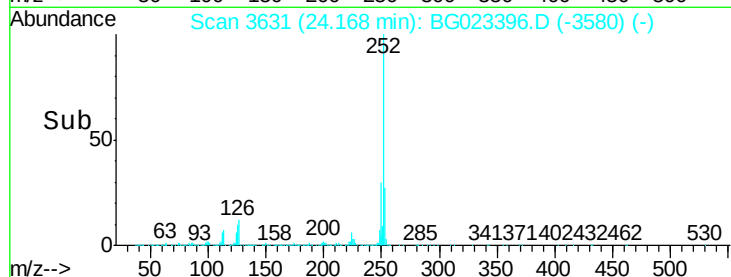
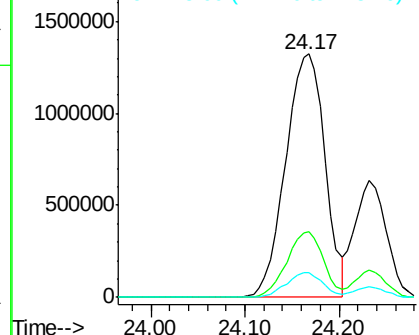
125 10.0 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.82 ng

RT: 24.23 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

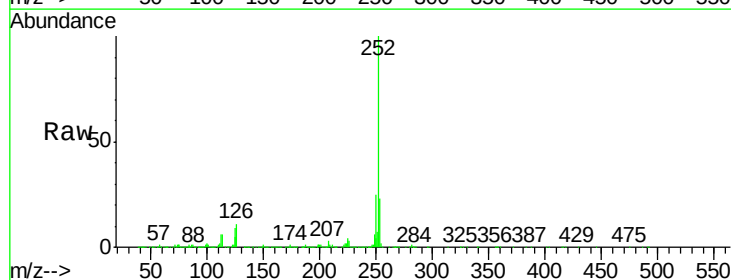
Tgt Ion:252 Resp: 1486403

Ion Ratio Lower Upper

252 100

253 23.4 18.8 28.2

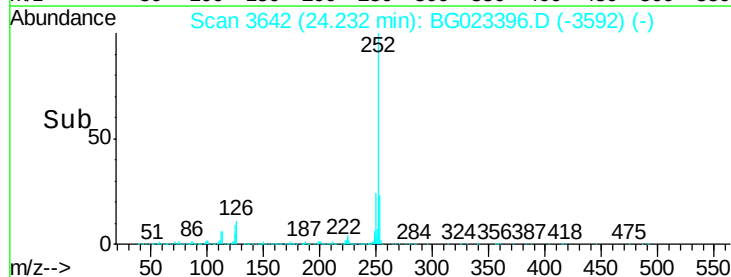
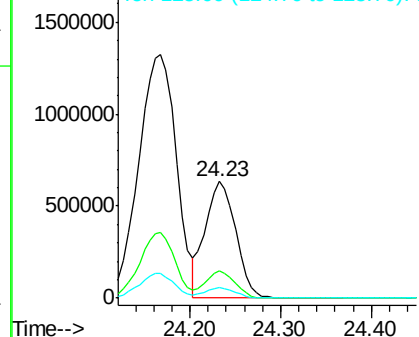
125 8.9 3.2 4.8#

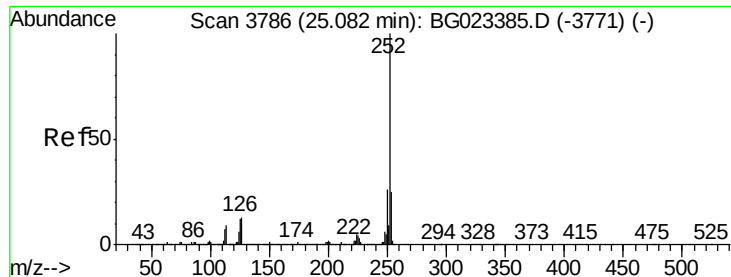


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

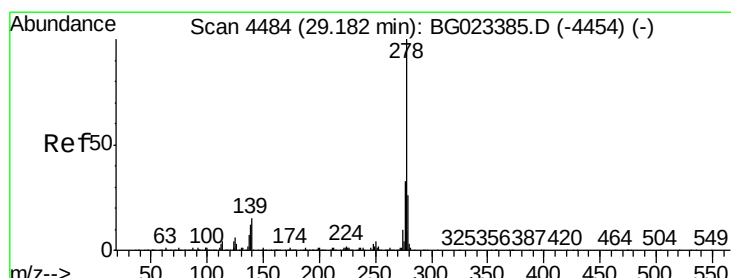
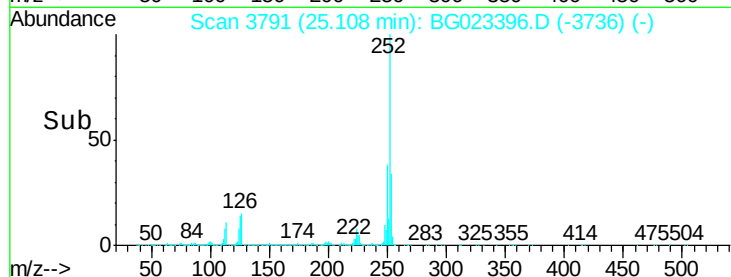
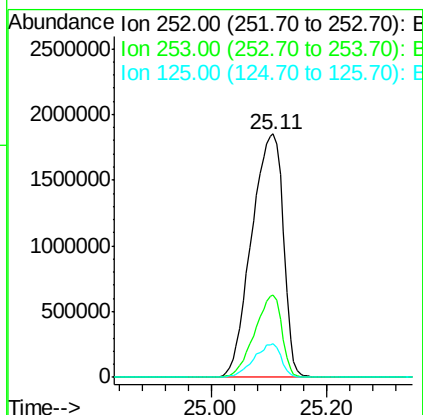
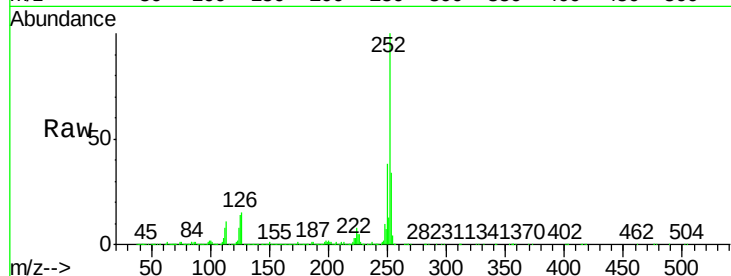




#89
Benzo(a)pyrene
Concen: 153.32 ng
RT: 25.11 min Scan# 3791
Delta R.T. 0.03 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

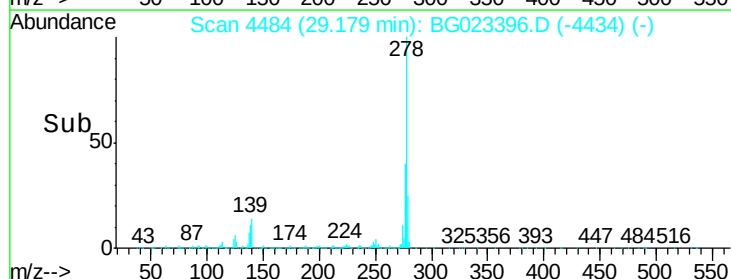
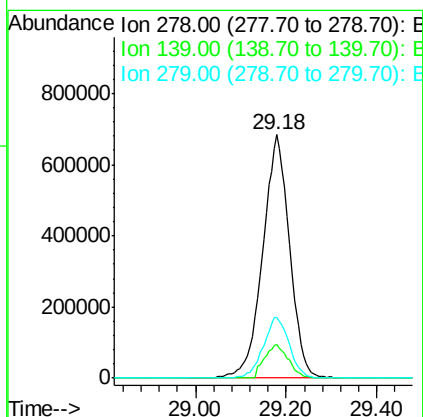
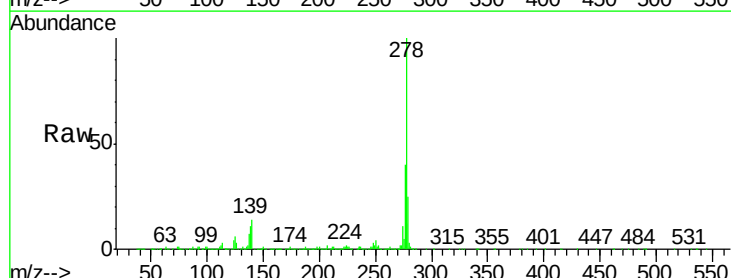
Instrument :
BNA_G
ClientSampleID :
9536

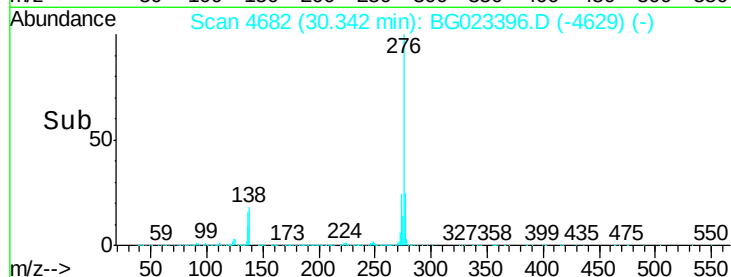
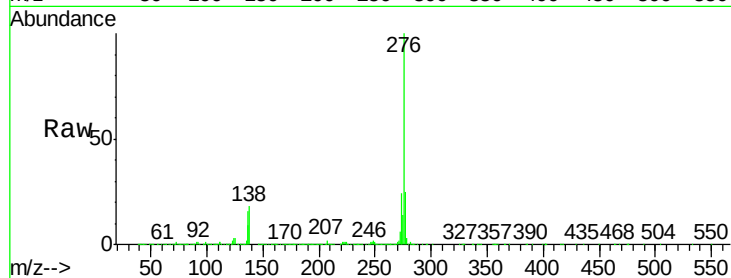
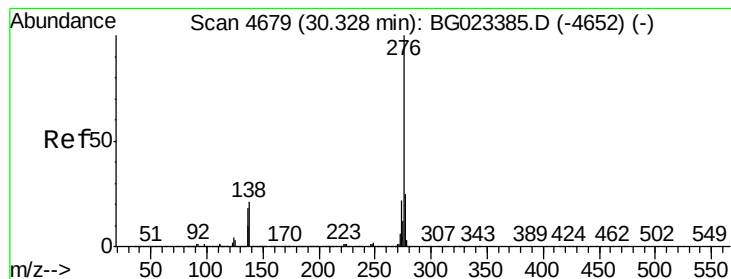
Tot Ion:252 Resp: 7090983
Ion Ratio Lower Upper
252 100
253 34.0 18.7 28.1#
125 13.6 3.9 5.9#



#90
Dibenzo(a,h)anthracene
Concen: 59.83 ng
RT: 29.18 min Scan# 4484
Delta R.T. -0.00 min
Lab File: BG023396.D
Acq: 2 Aug 2016 11:21

Tgt Ion:278 Resp: 2826684
Ion Ratio Lower Upper
278 100
139 13.7 4.7 7.1#
279 24.7 18.3 27.5





#91

Benzo(a,h,i)perylene

Concen: 108.04 ng

RT: 30.34 min Scan# 4682

Delta R.T. 0.01 min

Lab File: BG023396.D

Acq: 2 Aug 2016 11:21

Instrument :

BNA_G

ClientSampleId :

9536

Tot Ion:276 Resp: 5140091

Ion Ratio Lower Upper

276 100

277 25.5 18.6 27.8

138 17.6 6.8 10.2#

