

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022833.D
 Acq On : 3 Jul 2016 17:52
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 03:32:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 03:30:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	108109	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	460594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	352893	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	908105	20.00	ng/ul	0.09
75) Chrysene-d12	21.96	240	1242	20.00	ng/ul	0.10
83) Perylene-d12	25.22	264	1100143	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	19229	9.94	ng/uL	0.00
5) Phenol-d5	7.30	99	215661	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	127064	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	141547	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	161690	18.30	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	71568	19.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	86658	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	177441	19.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	184485	23.52	ng/ul	-0.01
43) Dimethylphthalate-d6	14.19	166	593630	20.71	ng/ul	-0.01
46) Acenaphthylene-d8	14.49	160	680001	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	105194	23.37	ng/ul	0.00
57) Fluorene-d10	15.79	176	571386	21.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	345	0.06	ng/ul	0.09
70) Anthracene-d10	17.65	188	908105	21.51	ng/ul	0.00
76) Pyrene-d10	19.93	212	1084271	18274.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1059329	20.27	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.58	88	22575	9.96 ng/uL#	68
4) Benzaldehyde	7.29	77	156499	21.65 ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.57	93	160822	20.19 ng/ul	94
10) 2-Chlorophenol	7.71	128	146765	19.00 ng/ul#	83
11) 2-Methylphenol	8.60	108	166993	19.09 ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.68	45	178775	19.96 ng/ul#	94
14) Acetophenone	8.98	105	271901	19.06 ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.95	70	156293	18.23 ng/ul#	84
16) 4-Methylphenol	8.92	108	182751	18.78 ng/ul	84
17) Hexachloroethane	9.25	117	69384	21.09 ng/ul#	70
20) Nitrobenzene	9.37	77	228581	20.24 ng/ul#	83
21) Isophorone	9.89	82	408253	20.26 ng/ul#	89
23) 2-Nitrophenol	10.09	139	90758	19.30 ng/ul#	41
24) 2,4-Dimethylphenol	10.13	107	228238	20.28 ng/ul	85
25) Bis(2-Chloroethoxy)methane	10.37	93	235299	19.79 ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	172670	18.54 ng/ul	94
28) Naphthalene	11.03	128	479637	20.36 ng/ul	99
30) 4-Chloroaniline	11.14	127	185728	23.18 ng/ul	96
31) Hexachlorobutadiene	11.31	225	150062	20.92 ng/ul	93
32) Caprolactam	11.89	113	63239	20.35 ng/ul#	62
34) 2-Methylnaphthalene	12.63	142	383205	19.67 ng/ul	91
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	269510	20.43 ng/ul	97
37) Hexachlorocyclopentadiene	12.97	237	148770	18.68 ng/ul	96

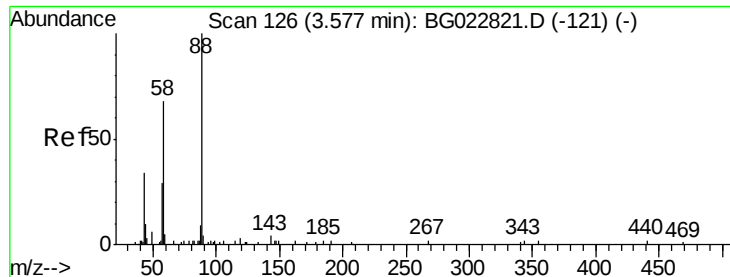
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022833.D
 Acq On : 3 Jul 2016 17:52
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 03:32:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 03:30:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) 2,4,6-Trichlorophenol	13.23	196	177431	19.50	ng/ul	91
39) 2,4,5-Trichlorophenol	13.31	196	196954	20.57	ng/ul	94
40) 1,1'-Biphenyl	13.63	154	531163	19.79	ng/ul	94
41) 2-Chloronaphthalene	13.68	162	441592	20.32	ng/ul	96
42) 2-Nitroaniline	13.88	65	181279	21.57	ng/ul#	58
44) Dimethylphthalate	14.24	163	582497	19.90	ng/ul	98
45) 2,6-Dinitrotoluene	14.37	165	132988	20.98	ng/ul#	84
47) Acenaphthylene	14.52	152	687956	20.80	ng/ul	98
48) 3-Nitroaniline	14.69	138	116222	23.47	ng/ul#	56
49) Acenaphthene	14.86	153	457007	20.33	ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	66402	18.85	ng/ul#	80
53) Dibenzofuran	15.19	168	742652	21.39	ng/ul#	86
54) 2,4-Dinitrotoluene	15.15	165	205982	22.48	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.42	232	212478	21.80	ng/ul#	94
56) Diethylphthalate	15.60	149	631090	21.22	ng/ul	96
58) Fluorene	15.85	166	592245	21.23	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.83	204	339067	20.29	ng/ul	97
60) 4-Nitroaniline	15.86	138	133447	22.43	ng/ul#	39
64) N-Nitrosodiphenylamine	16.05	169	562968	21.05	ng/ul	98
65) 4-Bromophenyl-phenylether	16.73	248	249354	20.53	ng/ul	97
66) Hexachlorobenzene	16.85	284	269154	20.93	ng/ul	95
67) Atrazine	16.99	200	248646	22.30	ng/ul	93
68) Pentachlorophenol	17.20	266	149310	20.20	ng/ul	98
69) Phenanthrene	17.68	178	1051088	22.63	ng/ul	99
71) Anthracene	17.68	178	1051088	22.02	ng/ul	98
72) Carbazole	17.95	167	868220	24.58	ng/ul	98
73) Di-n-butylphthalate	18.50	149	1046170	23.07	ng/ul#	94
74) Fluoranthene	19.60	202	1249840	25.83	ng/ul#	87
77) Pvrene	19.96	202	1293871	18609.95	ng/ul#	86
78) Butylbenzylphthalate	20.91	149	1644	60.97	ng/ul#	72
79) 3,3'-Dichlorobenzidine	21.84	252	1229	52.25	ng/ul#	1
80) Benzo(a)anthracene	21.90	228	1206741	16565.06	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.84	149	5184	148.99	ng/ul#	67
82) Chrysene	21.90	228	1206785	18198.33	ng/ul	98
84) Di-n-octyl phthalate	22.98	149	1147553	23.67	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.08	276	1418985	20.55	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.14	278	1167963	20.46	ng/ul#	87
91) Benzo(g,h,i)perylene	30.28	276	1186897	21.92	ng/ul#	79

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



#2

1,4-Dioxane

Concen: 9.96 ng/uL

RT: 3.58 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

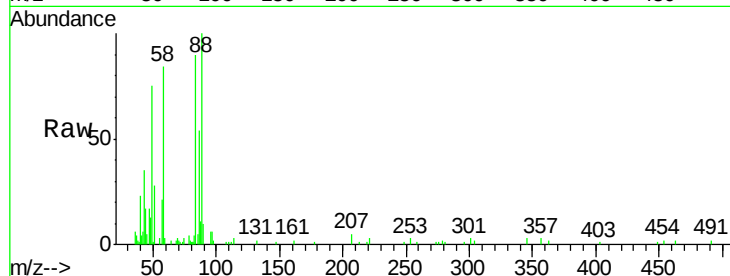
Tot Ion: 88 Resp: 22575

Ion Ratio Lower Upper

88 100

43 34.9 16.6 24.8#

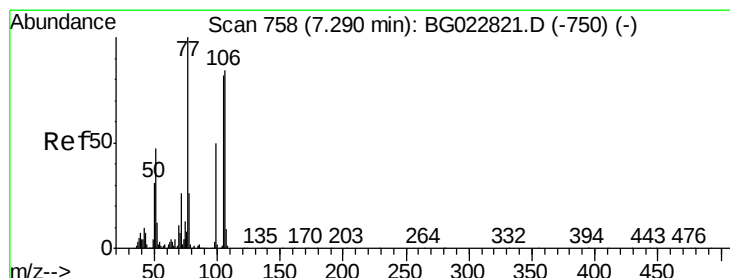
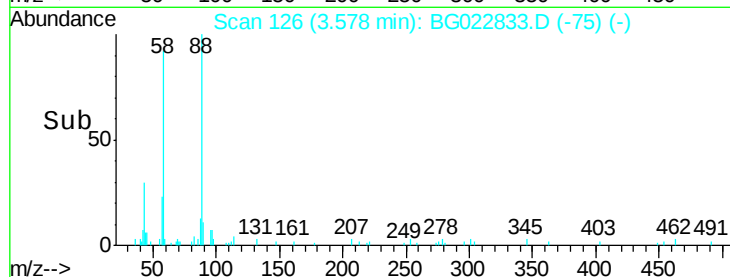
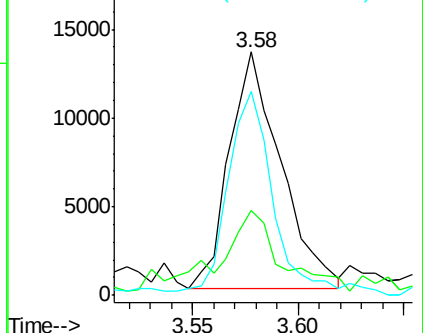
58 83.6 47.2 70.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 21.65 ng/uL

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

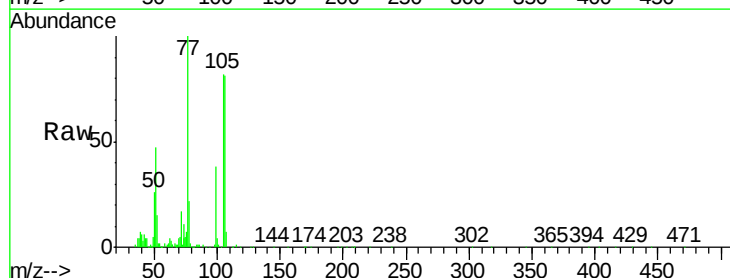
Tgt Ion: 77 Resp: 156499

Ion Ratio Lower Upper

77 100

105 82.1 83.8 125.8#

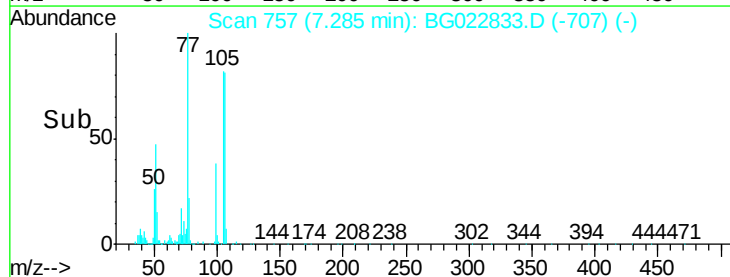
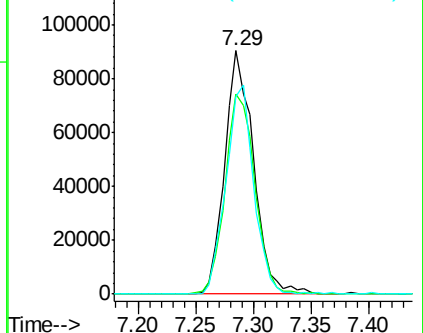
106 81.3 77.9 116.9

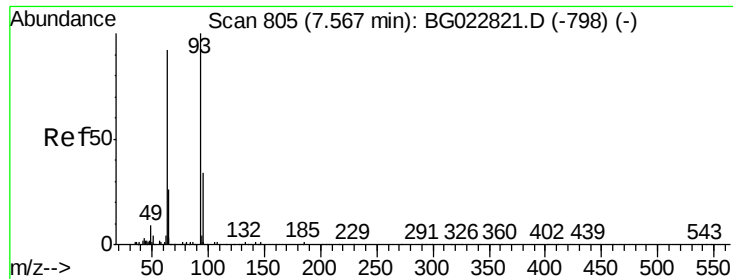


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



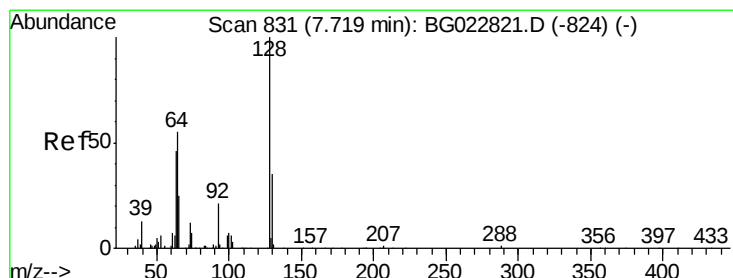
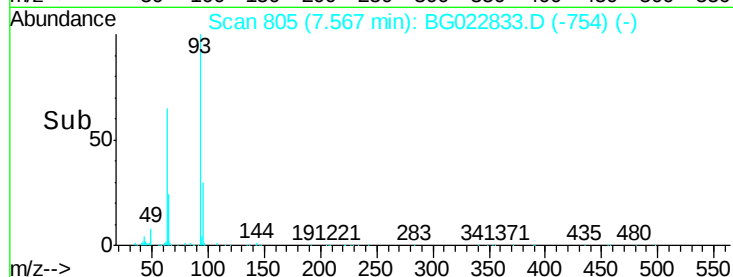
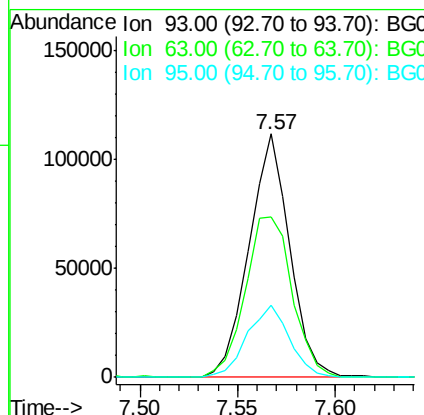
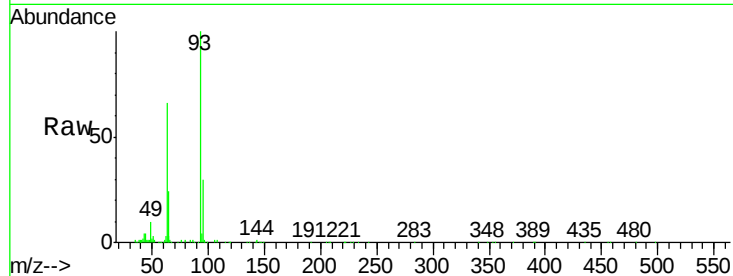


#8

Bis(2-Chloroethyl)ether
 Concen: 20.19 ng/ul
 RT: 7.57 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BG022833.D
 Acq: 3 Jul 2016 17:52

Instrument :
 BNA_G
 ClientSampled :

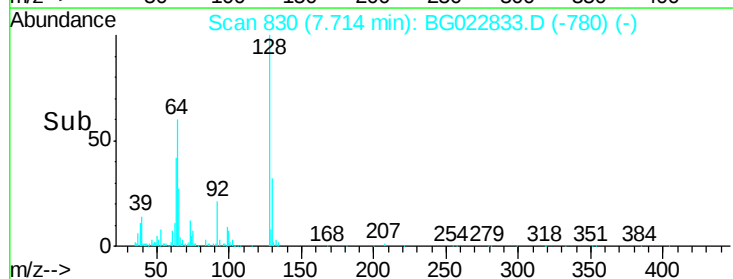
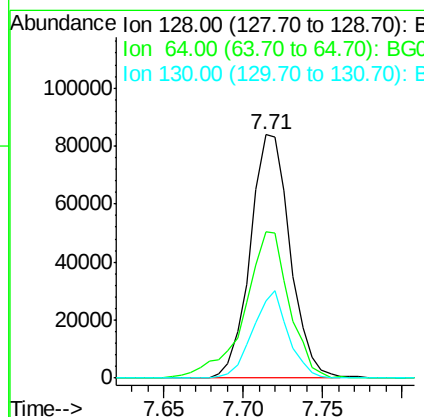
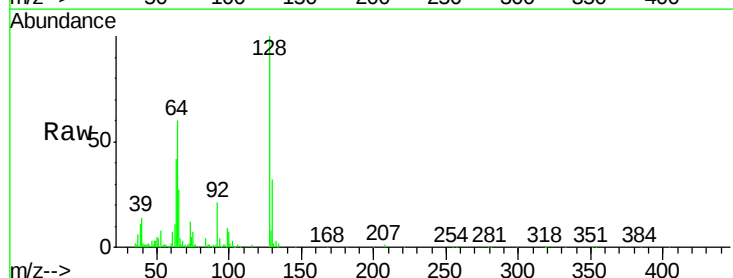
Tot Ion	93	Resp	160822
Ion Ratio	Lower	Upper	
93	100		
63	66.0	56.0	84.0
95	29.8	27.7	41.5

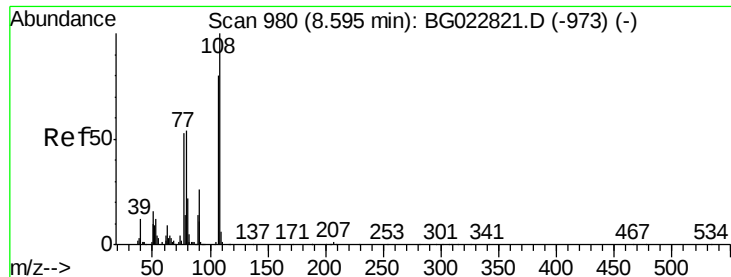


#10

2-Chlorophenol
 Concen: 19.00 ng/ul
 RT: 7.71 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG022833.D
 Acq: 3 Jul 2016 17:52

Tgt Ion	128	Resp	146765
Ion Ratio	Lower	Upper	
128	100		
64	60.3	34.2	51.4#
130	31.6	27.0	40.4





#11

2-Methylphenol

Concen: 19.09 ng/ul

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

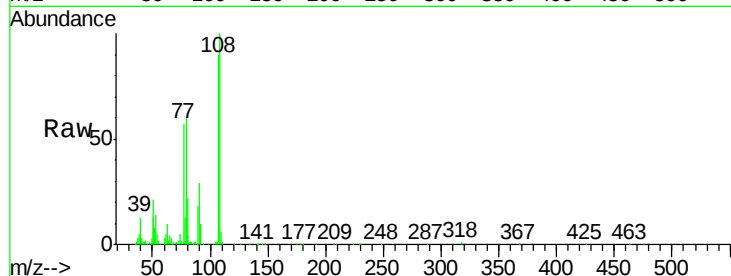
ClientSampleId :

Tot Ion:108 Resp: 166993

Ion Ratio Lower Upper

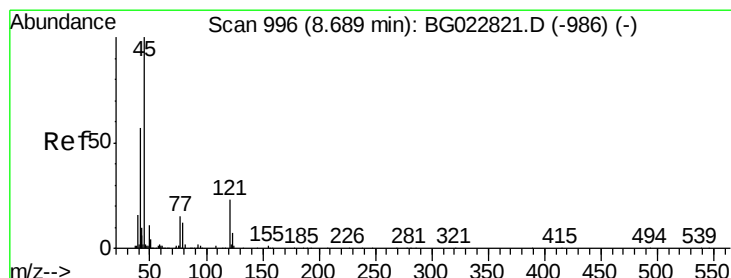
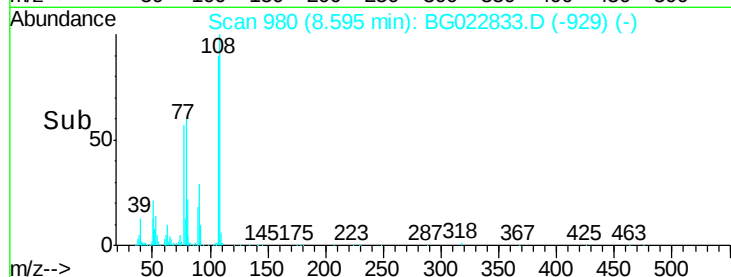
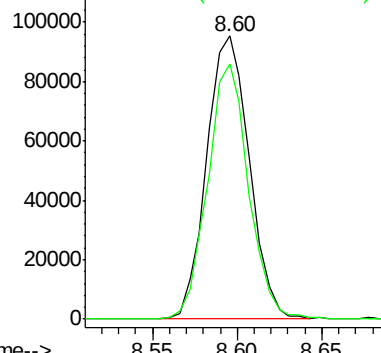
108 100

107 90.3 78.6 117.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#12

2,2'-oxybis(1-chloropropane)

Concen: 19.96 ng/ul

RT: 8.68 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

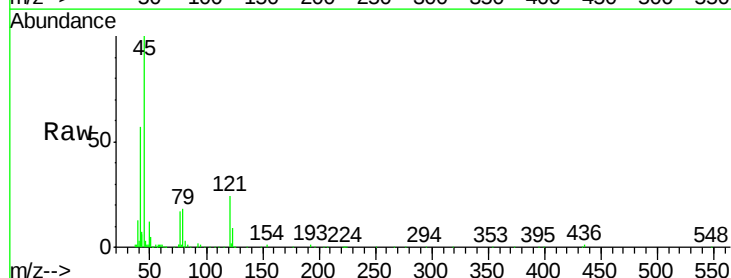
Tgt Ion: 45 Resp: 178775

Ion Ratio Lower Upper

45 100

77 17.0 13.4 20.2

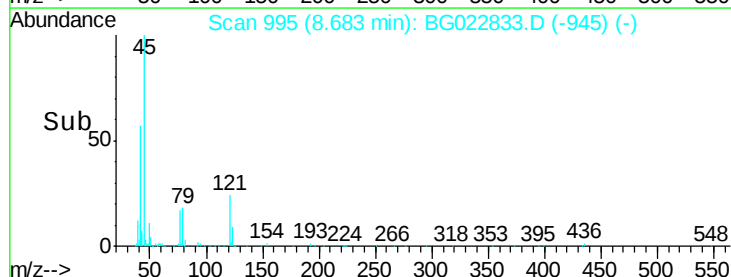
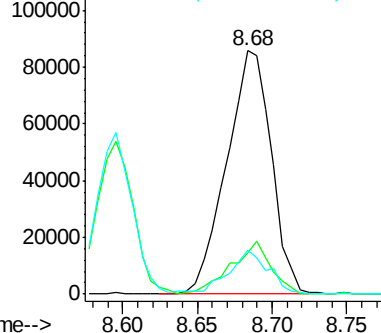
79 18.1 10.2 15.4#

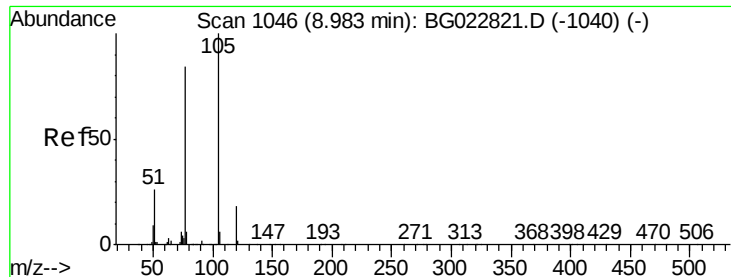


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#14

Acetophenone

Concen: 19.06 ng/ul

RT: 8.98 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BG022833.D

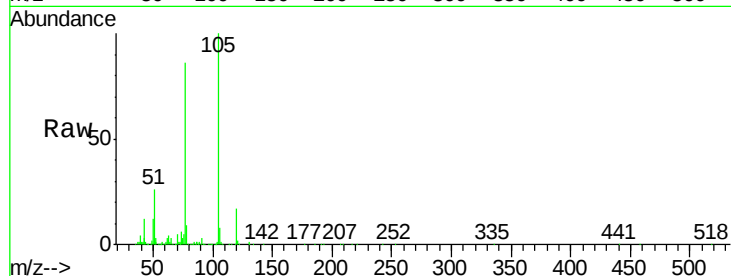
Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

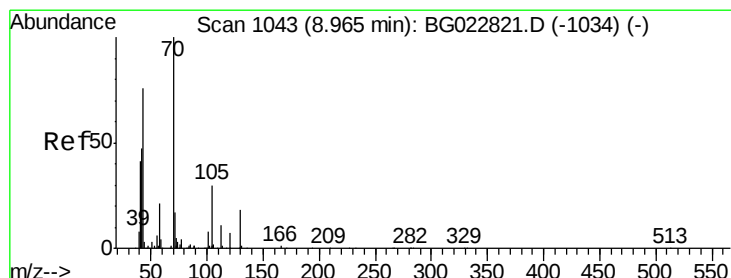
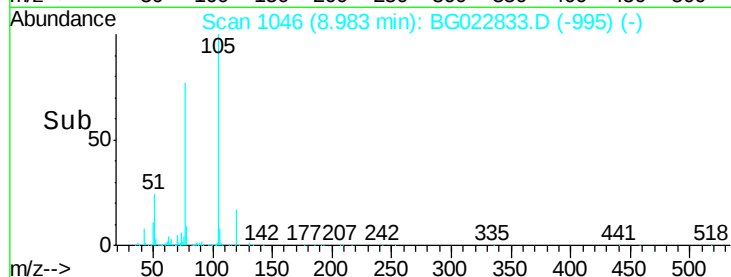
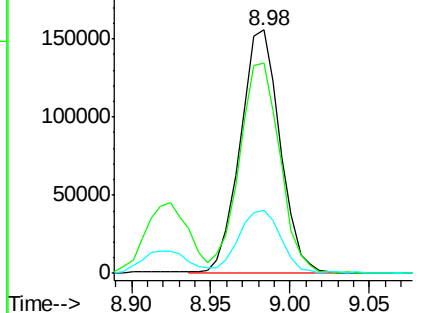
Tot Ion:	105	Resp:	271901
Ion	Ratio	Lower	Upper
105	100		
77	86.4	56.1	84.1#
51	26.2	14.6	22.0#



Abundance Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 18.23 ng/ul

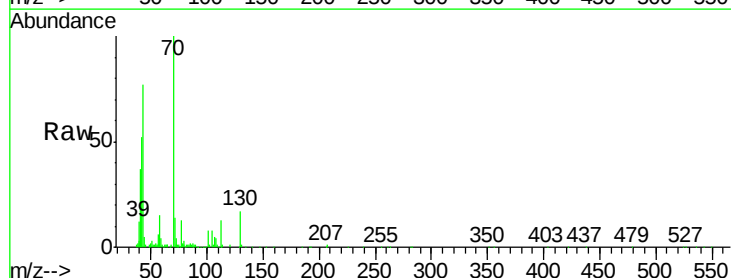
RT: 8.95 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Tgt Ion:	70	Resp:	156293
Ion	Ratio	Lower	Upper
70	100		
42	51.5	31.4	47.2#
101	8.5	8.6	13.0#
130	17.0	19.0	28.4#

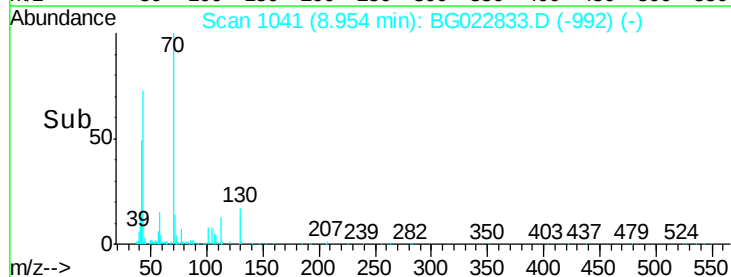
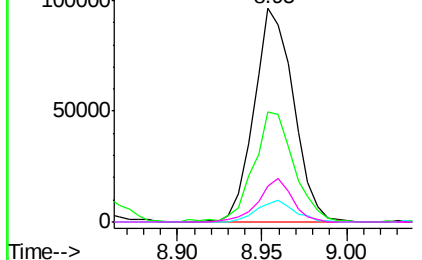


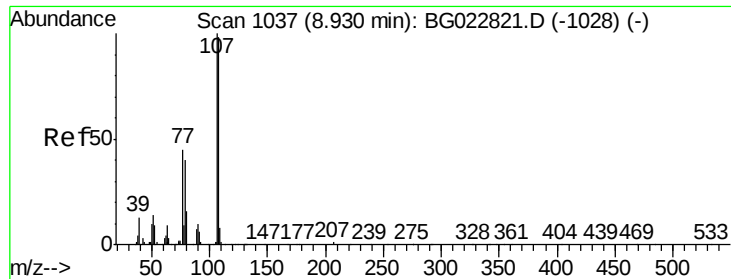
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

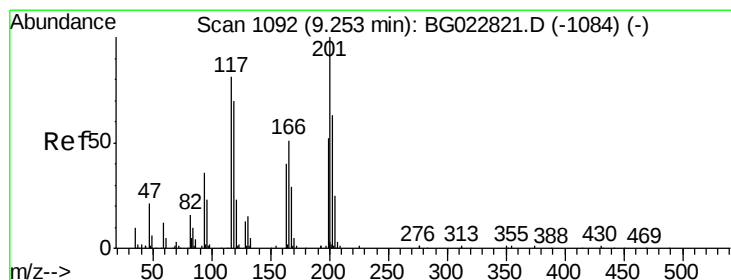
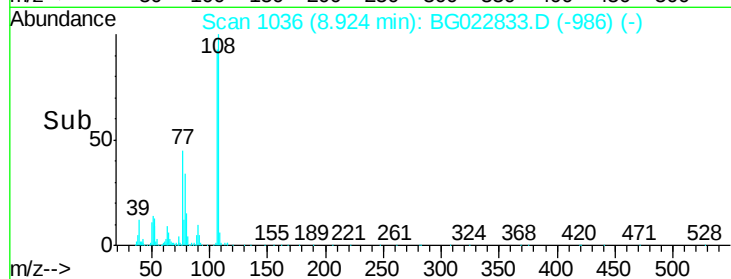
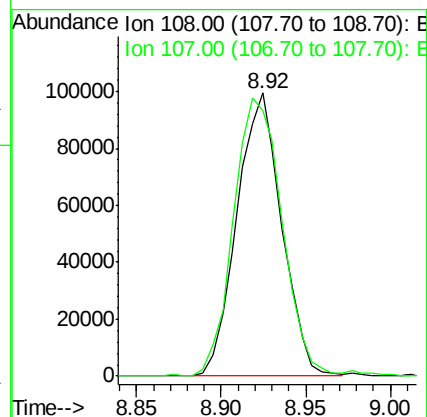
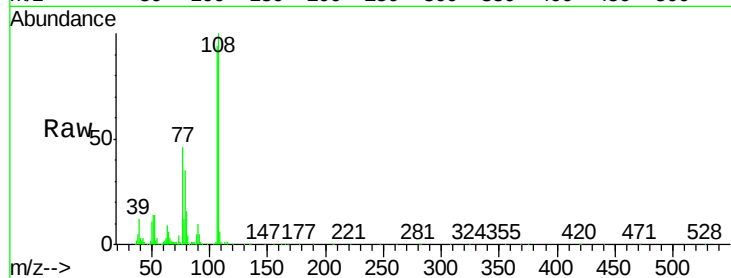




#16
4-Methylphenol
Concen: 18.78 ng/ul
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

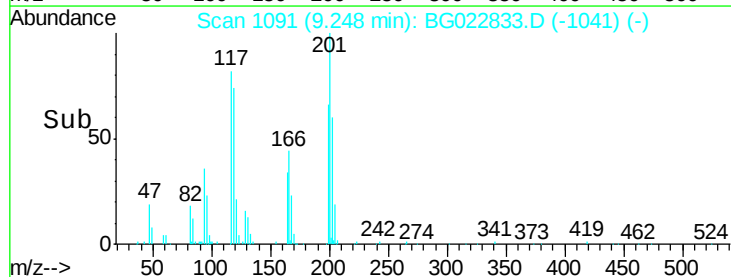
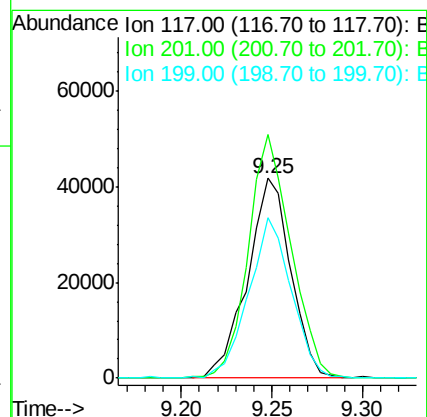
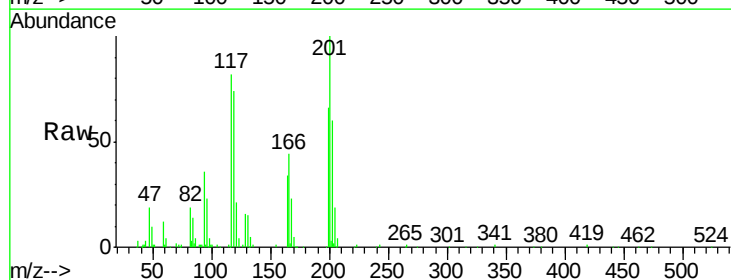
Instrument :
BNA_G
ClientSampleId :

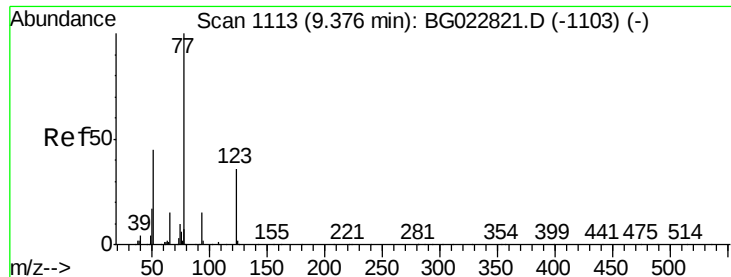
Tot Ion:108 Resp: 182751
Ion Ratio Lower Upper
108 100
107 93.8 88.3 132.5



#17
Hexachloroethane
Concen: 21.09 ng/ul
RT: 9.25 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion:117 Resp: 69384
Ion Ratio Lower Upper
117 100
201 121.7 76.8 115.2#
199 80.1 43.5 65.3#

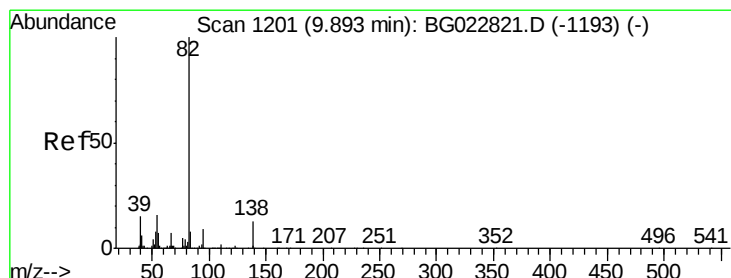
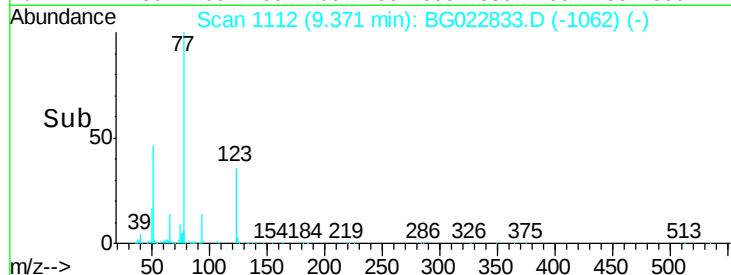
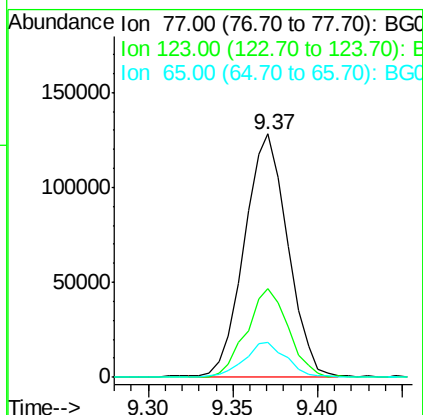
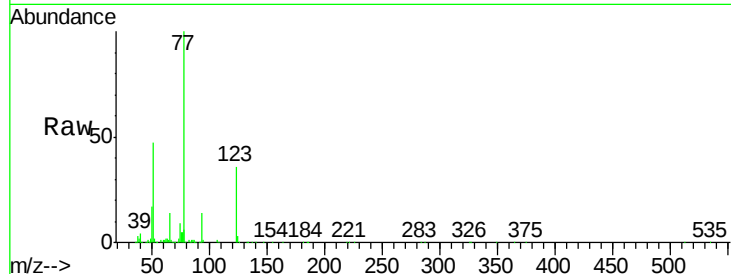




#20
Nitrobenzene
Concen: 20.24 ng/ul
RT: 9.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

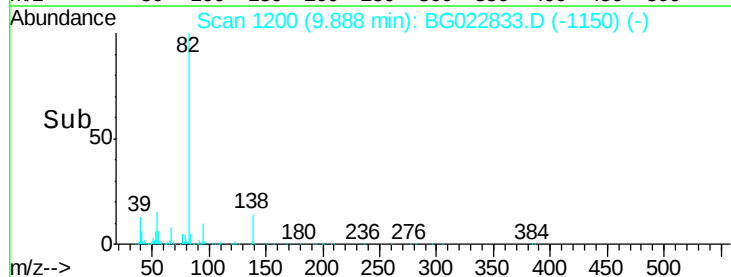
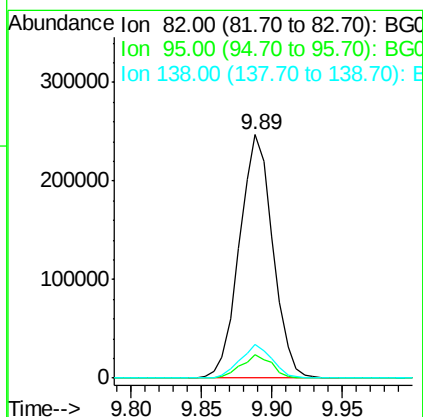
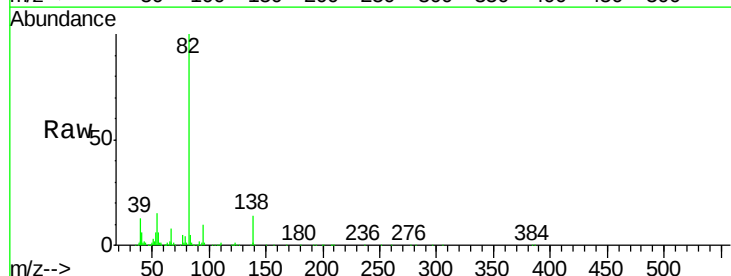
Instrument :
BNA_G
ClientSampleId :

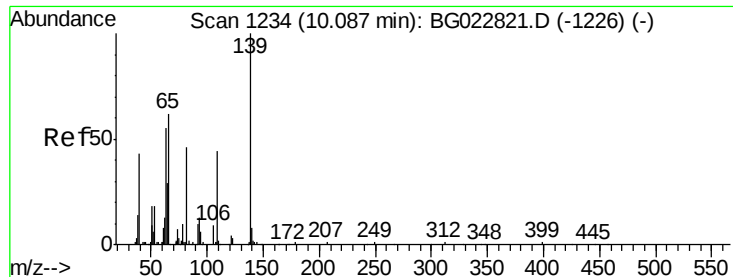
Tot Ion	Ratio	Lower	Upper
77	100		
123	36.5	39.5	59.3#
65	14.4	9.0	13.4#



#21
Isophorone
Concen: 20.26 ng/ul
RT: 9.89 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.6	5.1	7.7#
138	13.7	15.0	22.6#

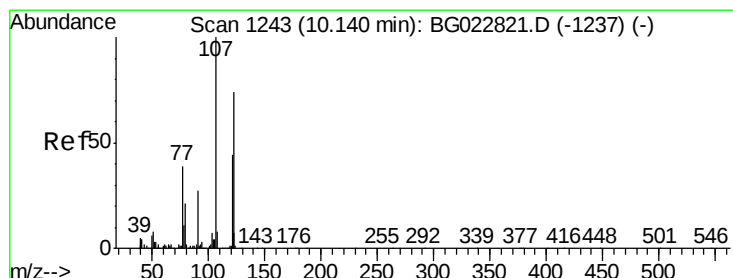
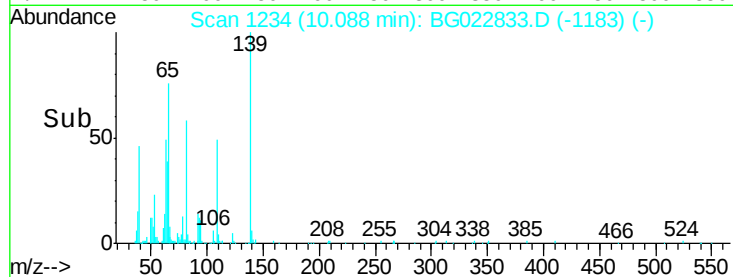
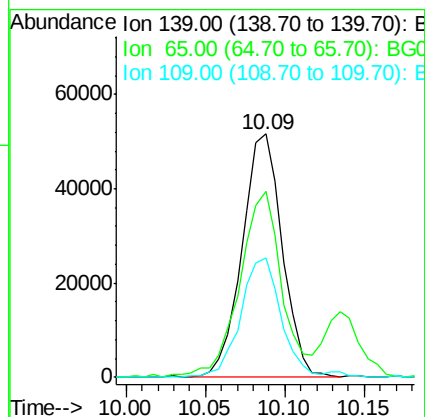
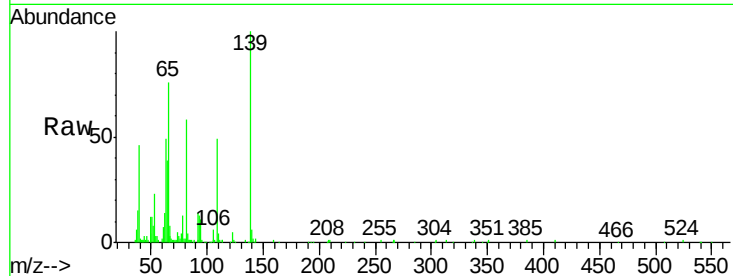




#23
2-Nitrophenol
Concen: 19.30 ng/ul
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

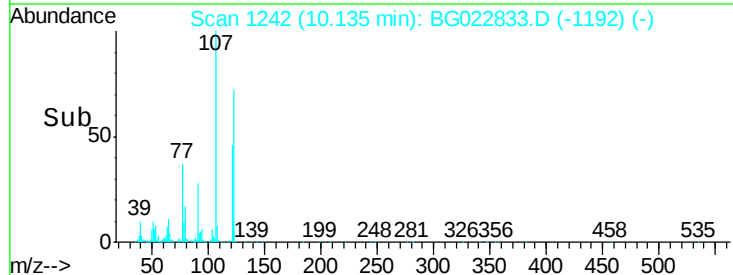
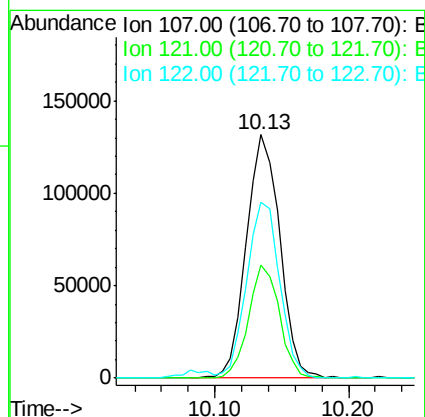
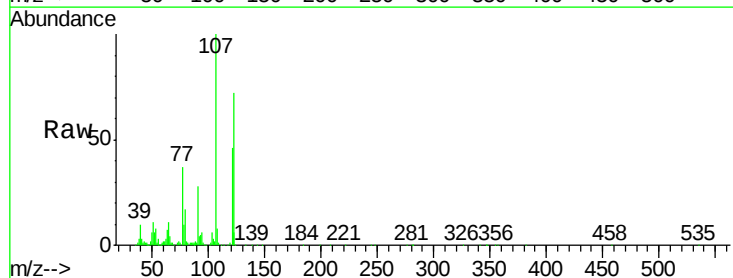
Instrument :
BNA_G
ClientSampleId :

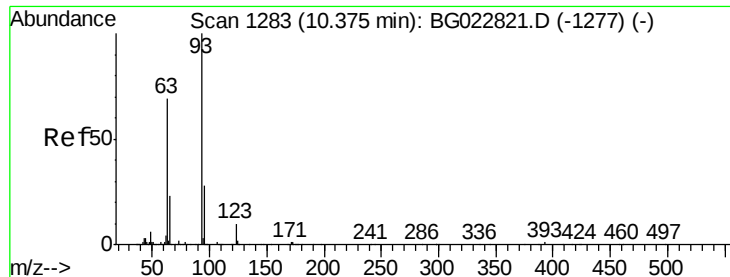
Tot Ion:139 Resp: 90758
Ion Ratio Lower Upper
139 100
65 76.3 31.8 47.8#
109 49.2 17.1 25.7#



#24
2,4-Dimethylphenol
Concen: 20.28 ng/ul
RT: 10.13 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion:107 Resp: 228238
Ion Ratio Lower Upper
107 100
121 46.2 43.7 65.5
122 72.1 70.3 105.5

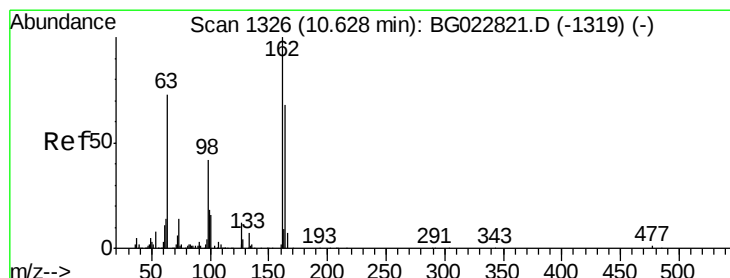
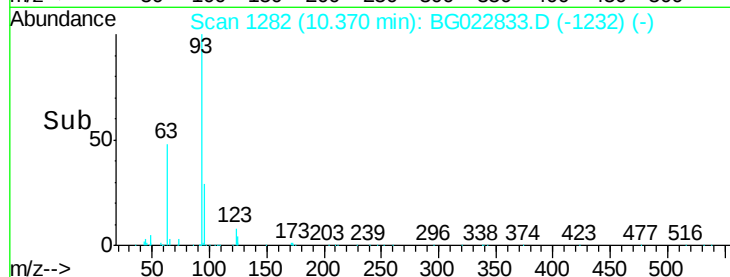
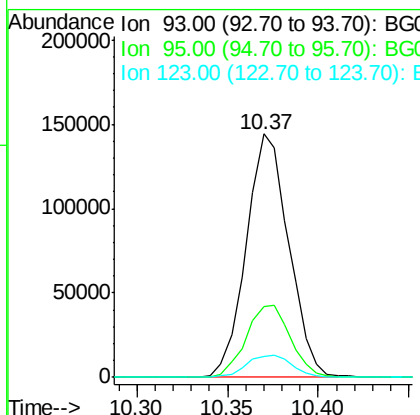
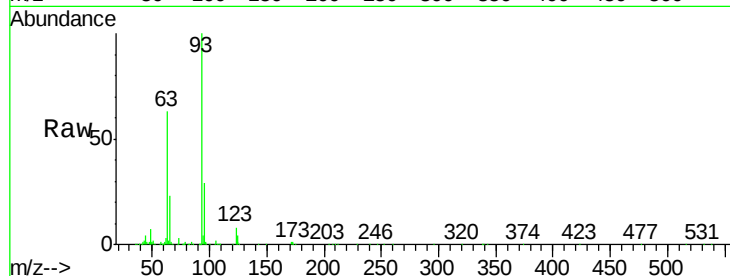




#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.79 ng/ul
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG022833.D
 Acq: 3 Jul 2016 17:52

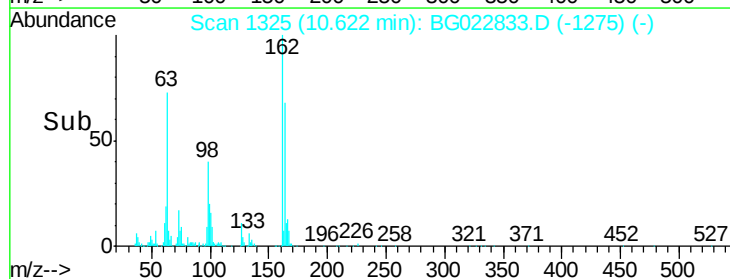
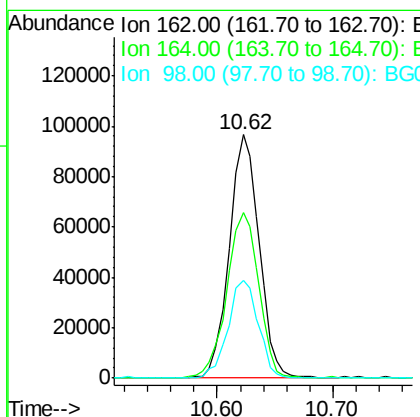
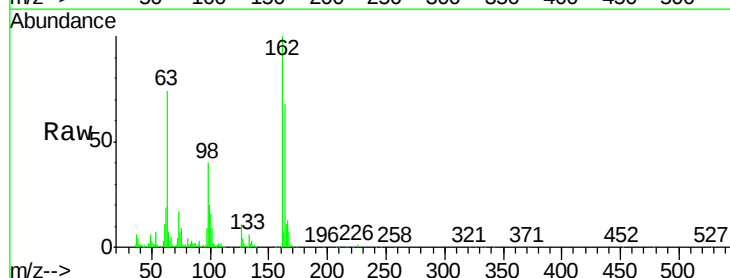
Instrument :
 BNA_G
 ClientSampleId :

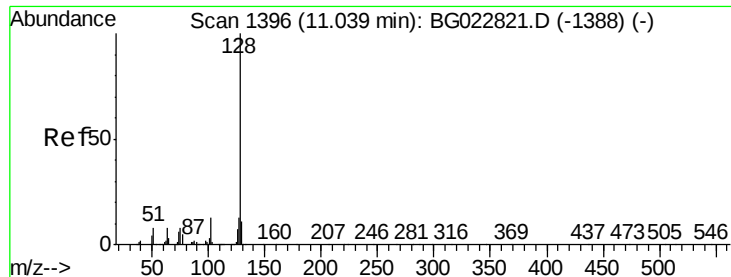
Tot Ion	Ratio	Lower	Upper
93	100		
95	29.2	26.0	39.0
123	8.5	10.1	15.1#



#27
 2,4-Dichlorophenol
 Concen: 18.54 ng/ul
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BG022833.D
 Acq: 3 Jul 2016 17:52

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.9	51.6	77.4
98	40.0	28.3	42.5





#28

Naphthalene

Concen: 20.36 ng/ul

RT: 11.03 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

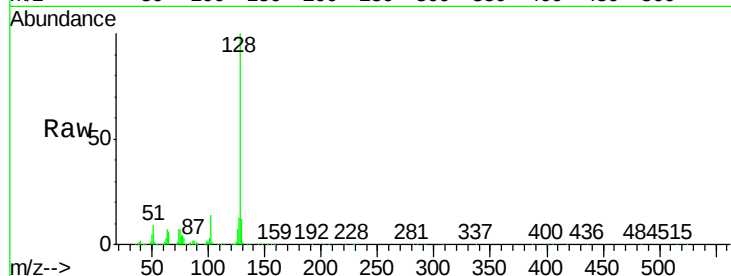
Tot Ion:128 Resp: 479637

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

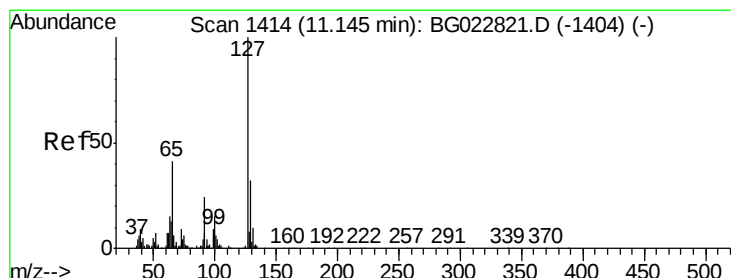
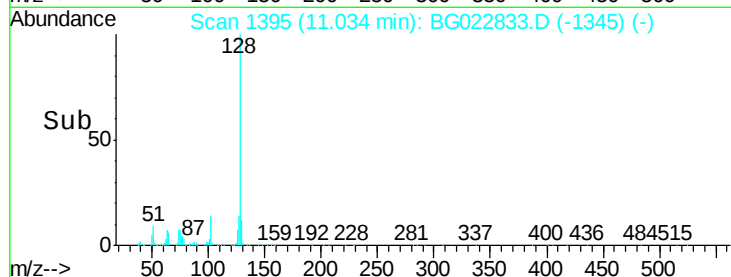
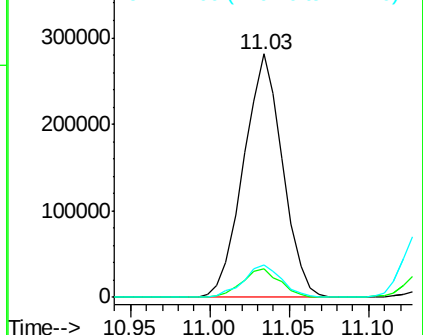
127 13.5 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 23.18 ng/ul

RT: 11.14 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG022833.D

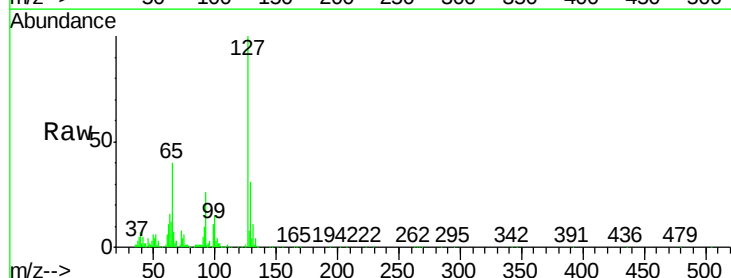
Acq: 3 Jul 2016 17:52

Tgt Ion:127 Resp: 185728

Ion Ratio Lower Upper

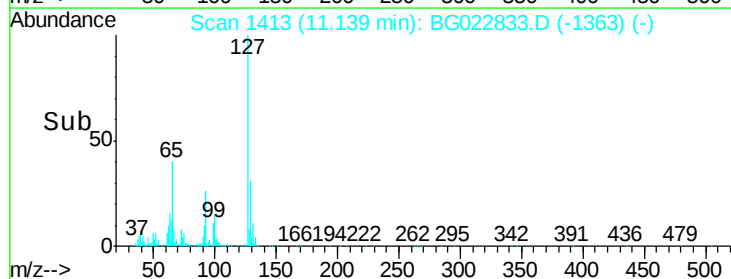
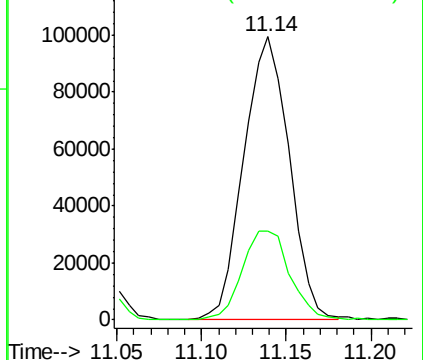
127 100

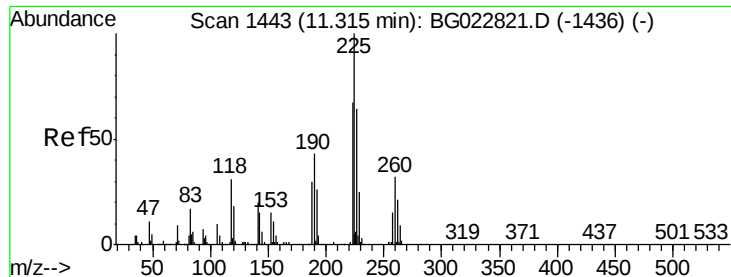
129 31.4 26.9 40.3



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

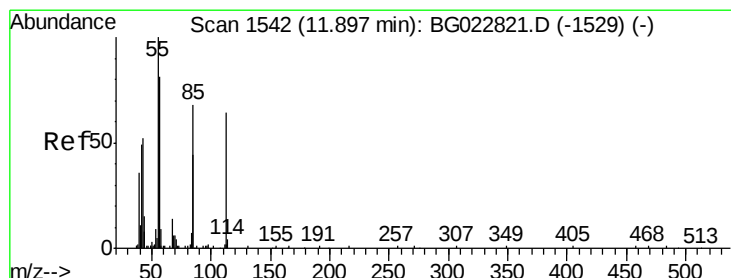
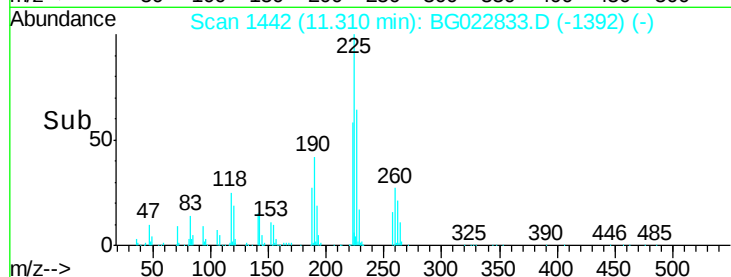
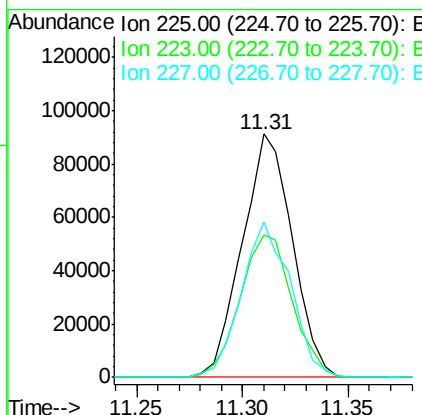
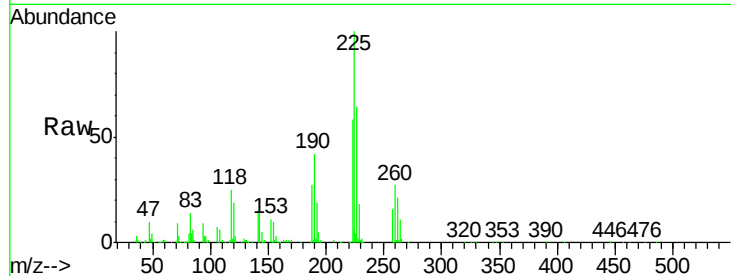




#31
Hexachlorobutadiene
Concen: 20.92 ng/ul
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

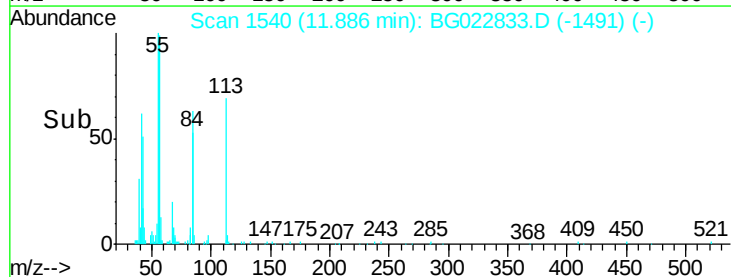
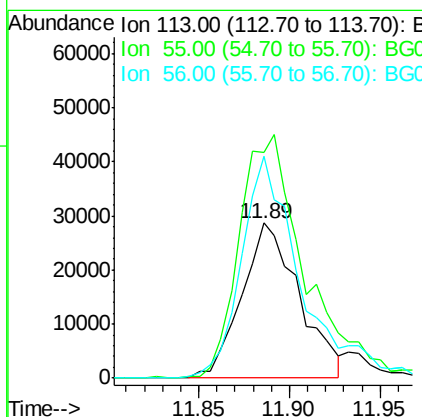
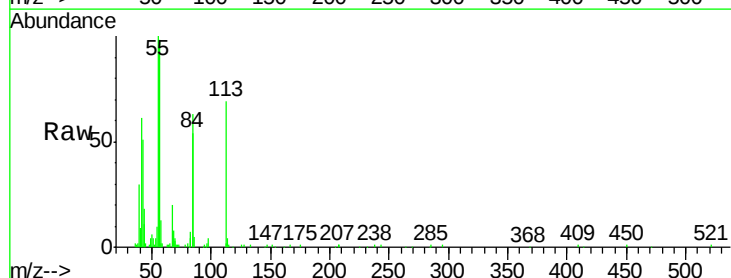
Instrument :
BNA_G
ClientSampleId :

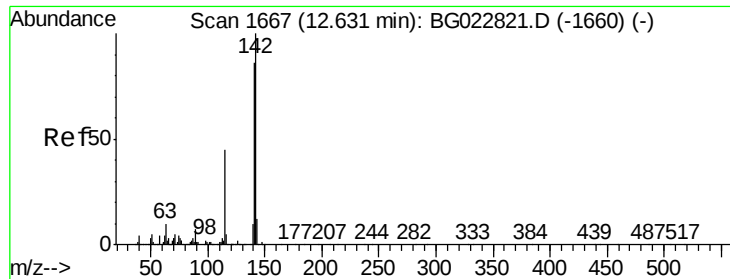
Tot Ion:225 Resp: 150062
Ion Ratio Lower Upper
225 100
223 58.3 54.7 82.1
227 63.7 52.2 78.4



#32
Caprolactam
Concen: 20.35 ng/ul
RT: 11.89 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion:113 Resp: 63239
Ion Ratio Lower Upper
113 100
55 145.3 99.6 149.4
56 143.0 66.4 99.6#

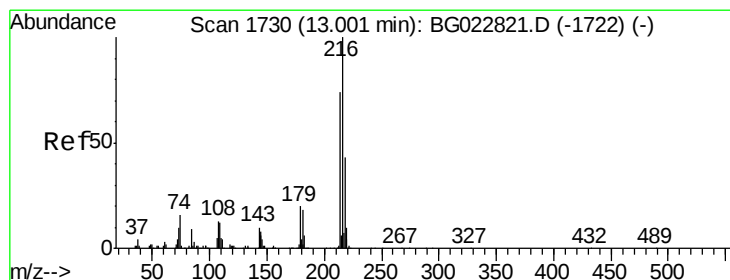
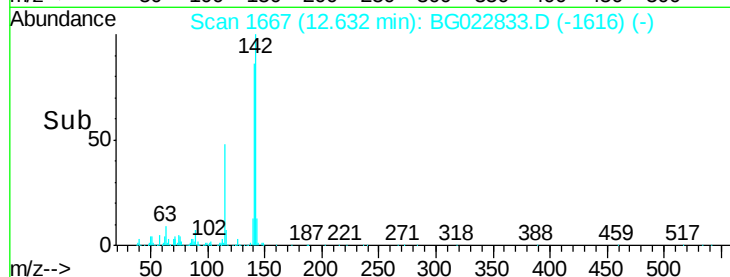
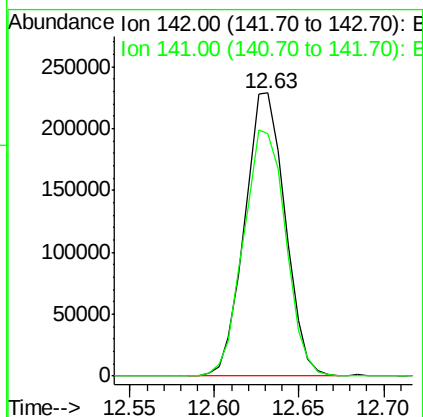
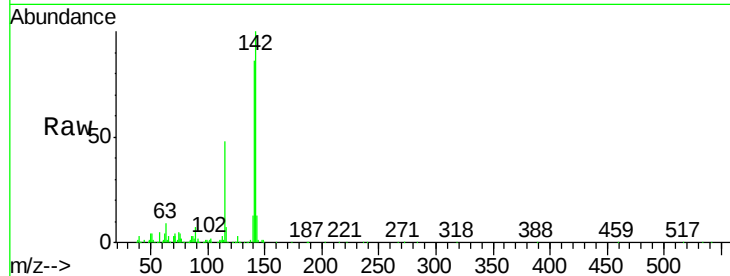




#34
 2-Methylnaphthalene
 Concen: 19.67 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BG022833.D
 Acq: 3 Jul 2016 17:52

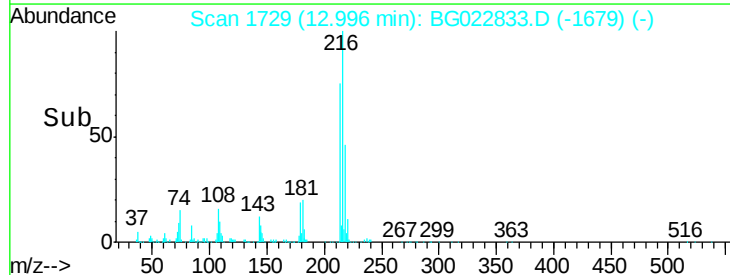
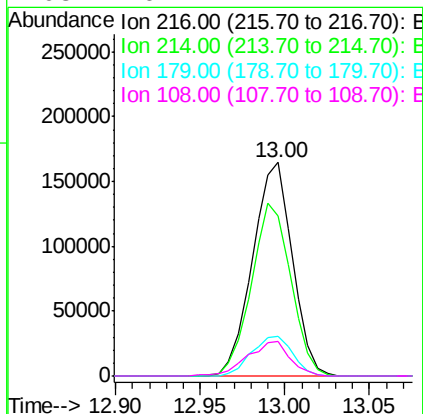
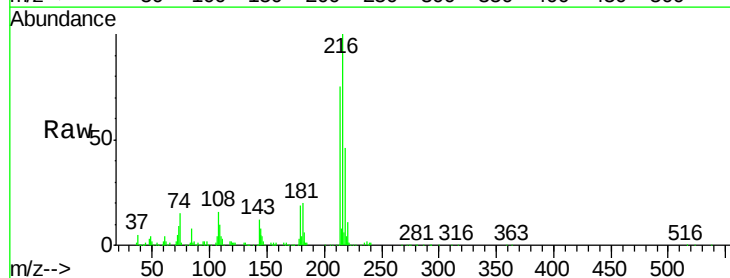
Instrument :
 BNA_G
 ClientSampled :

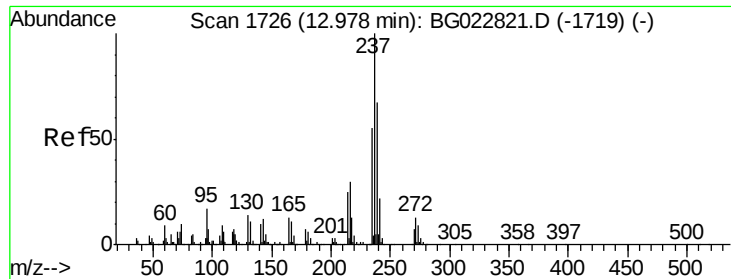
Tot Ion:142 Resp: 383205
 Ion Ratio Lower Upper
 142 100
 141 85.5 75.2 112.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.43 ng/ul
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.01 min
 Lab File: BG022833.D
 Acq: 3 Jul 2016 17:52

Tgt Ion:216 Resp: 269510
 Ion Ratio Lower Upper
 216 100
 214 75.2 61.7 92.5
 179 18.9 17.0 25.4
 108 16.4 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 18.68 ng/ul

RT: 12.97 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

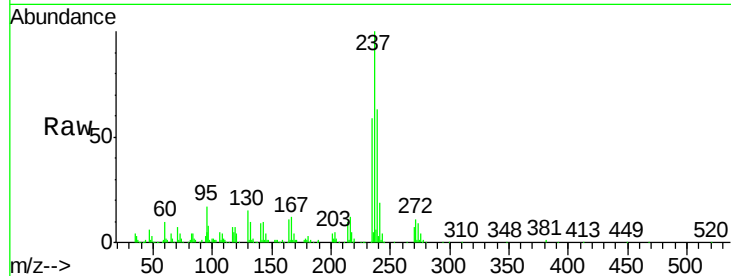
Tot Ion:237 Resp: 148770

Ion Ratio Lower Upper

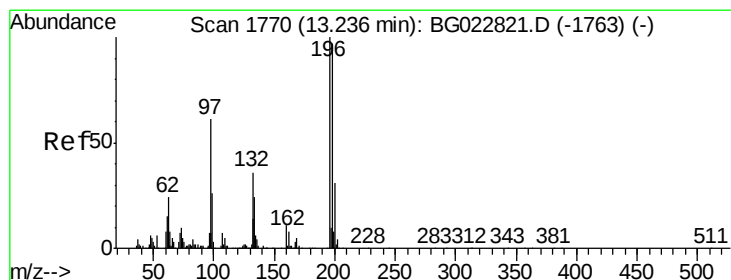
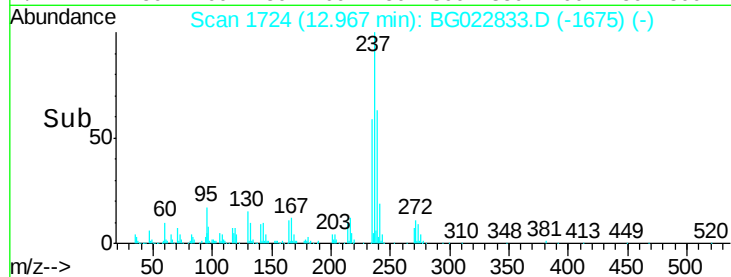
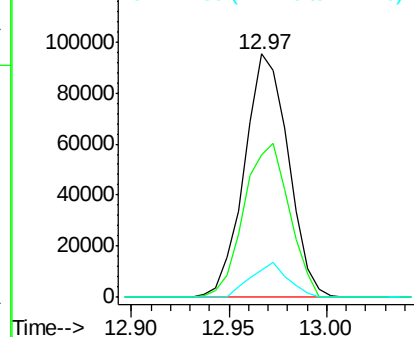
237 100

235 58.6 49.6 74.4

272 11.7 9.3 13.9



Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 19.50 ng/ul

RT: 13.23 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

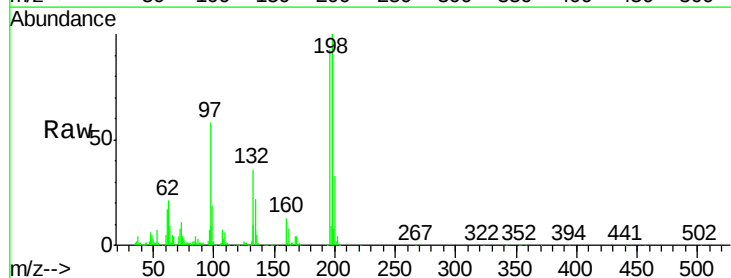
Tgt Ion:196 Resp: 177431

Ion Ratio Lower Upper

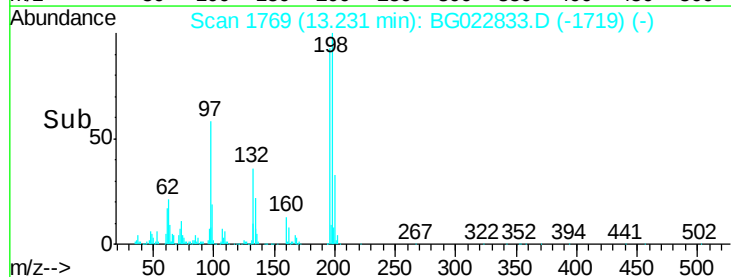
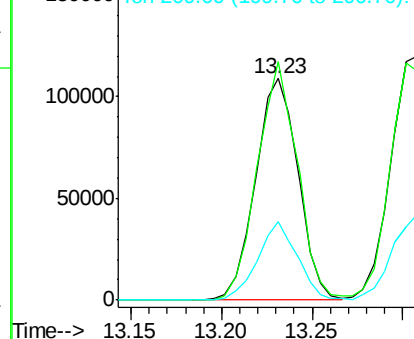
196 100

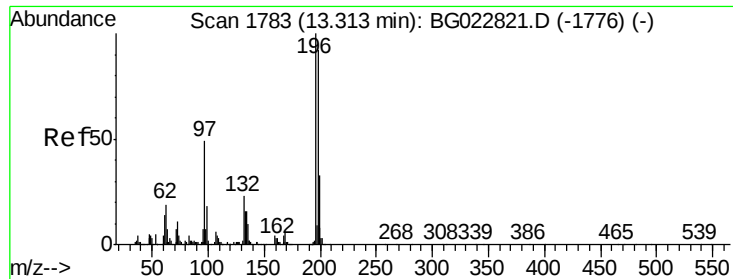
198 107.4 77.4 116.0

200 35.6 26.6 39.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

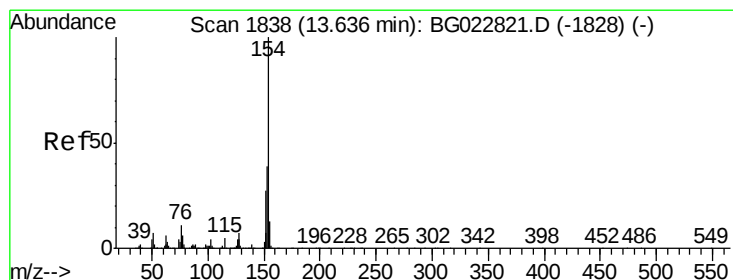
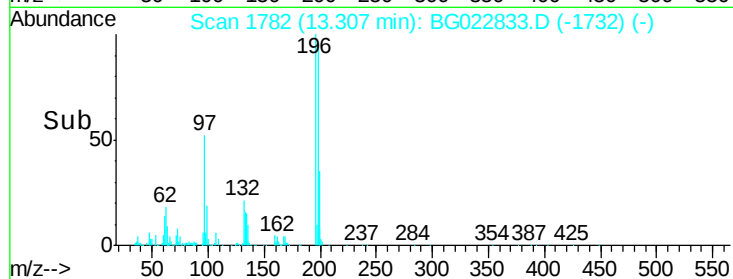
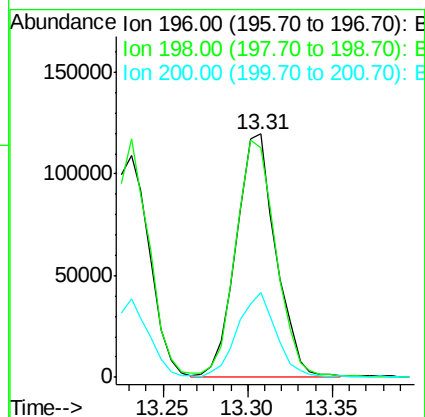
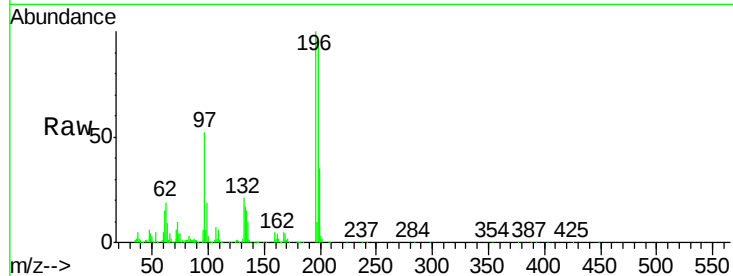




#39
 2,4,5-Trichlorophenol
 Concen: 20.57 ng/ul
 RT: 13.31 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BG022833.D
 Acq: 3 Jul 2016 17:52

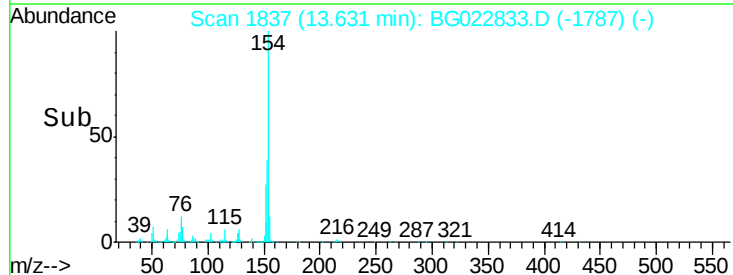
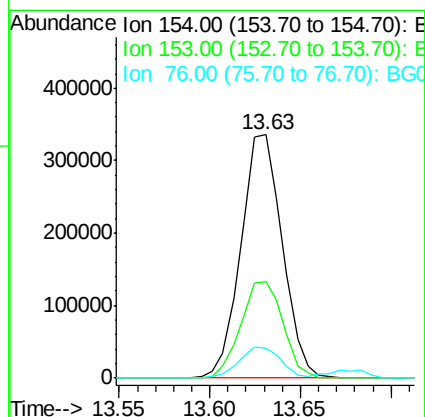
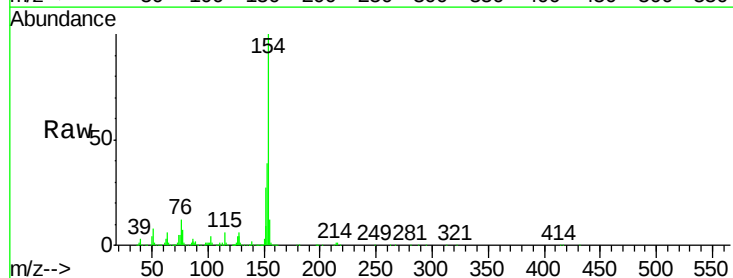
Instrument :
 BNA_G
 ClientSampleId :

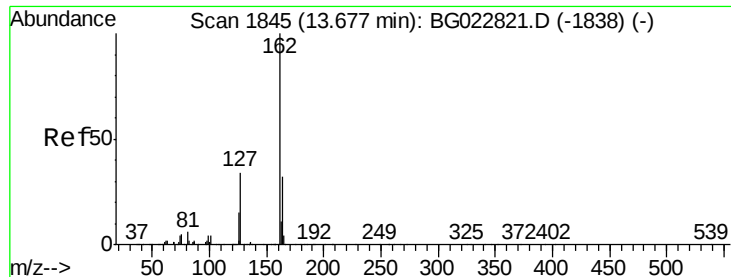
Tot Ion	196	Resp	196954
Ion Ratio	Lower	Upper	
196	100		
198	94.4	79.8	119.8
200	34.7	24.0	36.0



#40
 1,1'-Biphenyl
 Concen: 19.79 ng/ul
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG022833.D
 Acq: 3 Jul 2016 17:52

Tgt Ion	154	Resp	531163
Ion Ratio	Lower	Upper	
154	100		
153	39.5	34.6	52.0
76	12.3	11.9	17.9

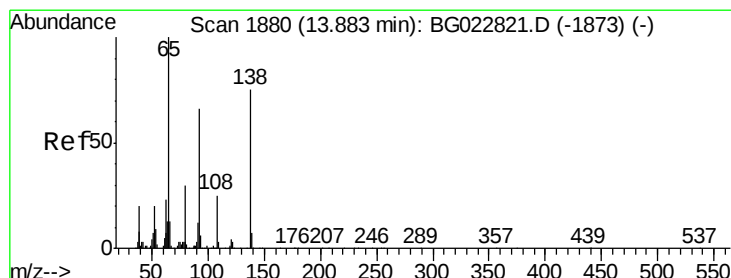
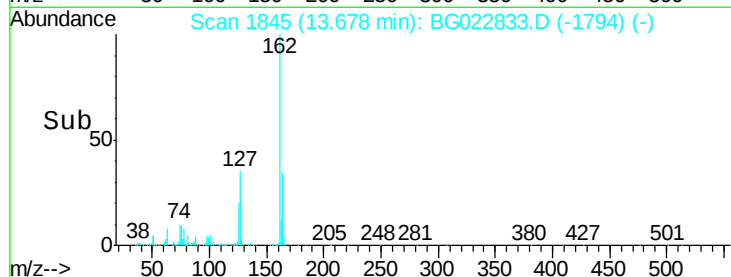
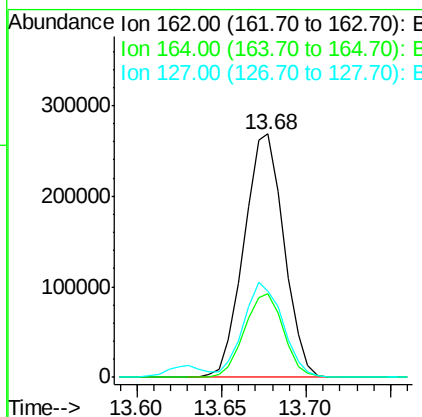
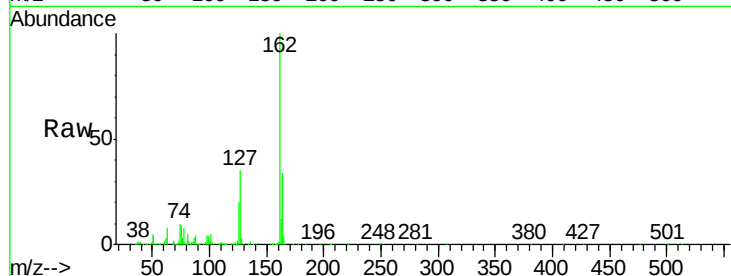




#41
2-Chloronaphthalene
Concen: 20.32 ng/ul
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

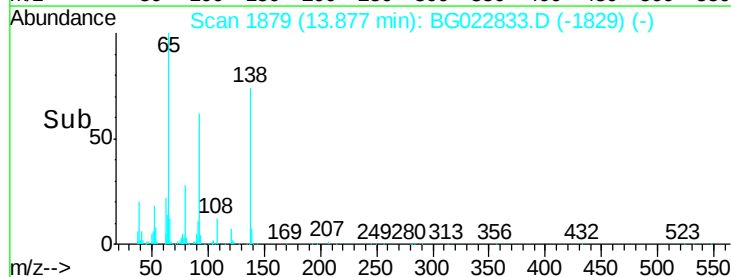
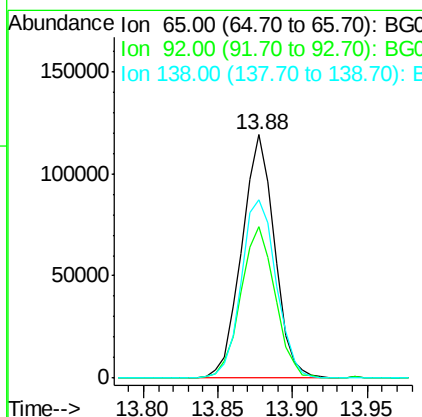
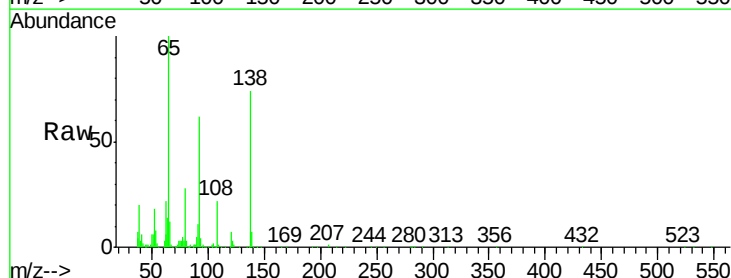
Instrument :
BNA_G
ClientSampleId :

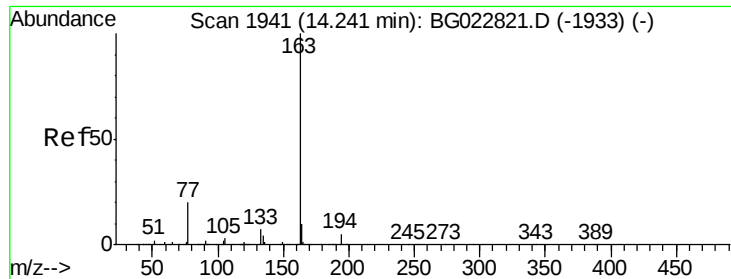
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.3	25.4	38.2
127	35.4	30.2	45.4



#42
2-Nitroaniline
Concen: 21.57 ng/ul
RT: 13.88 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.3	67.1	100.7#
138	73.5	109.6	164.4#

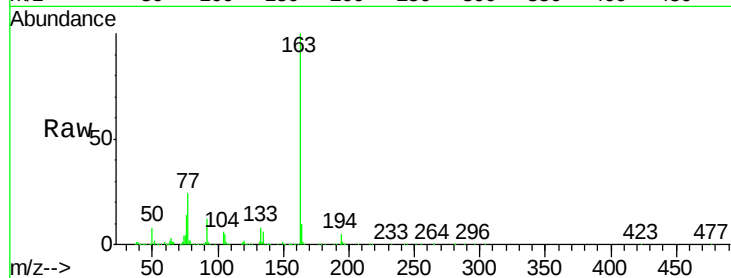




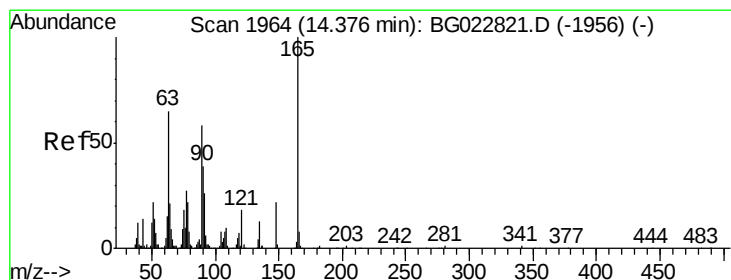
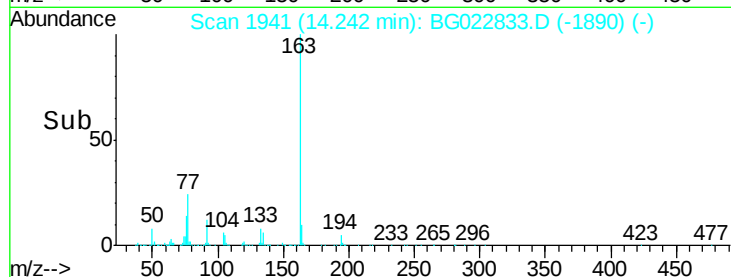
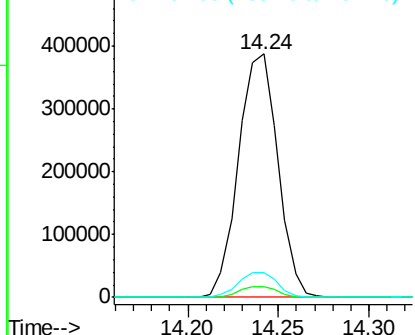
#44
Dimethylphthalate
Concen: 19.90 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.1	8.8	13.2

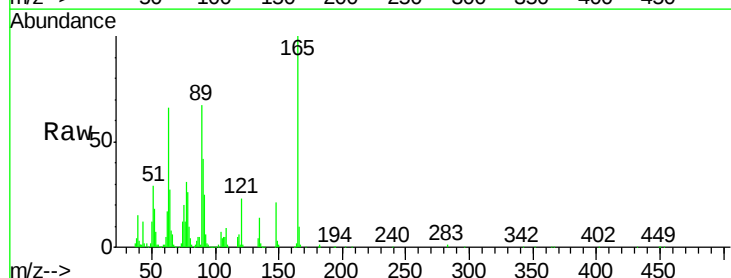


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

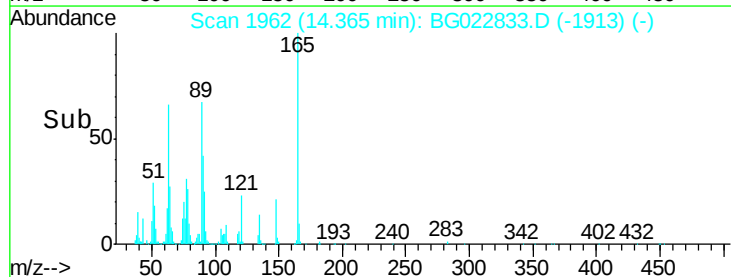
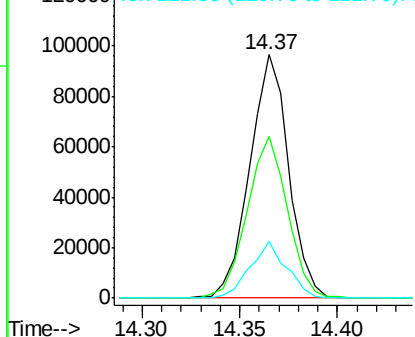


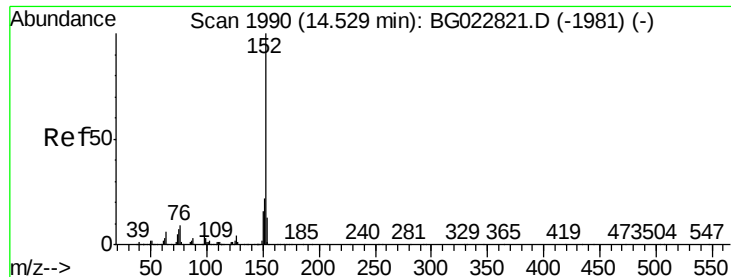
#45
2,6-Dinitrotoluene
Concen: 20.98 ng/ul
RT: 14.37 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
89	66.7	41.5	62.3#
121	23.5	17.0	25.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.80 ng/ul

RT: 14.52 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

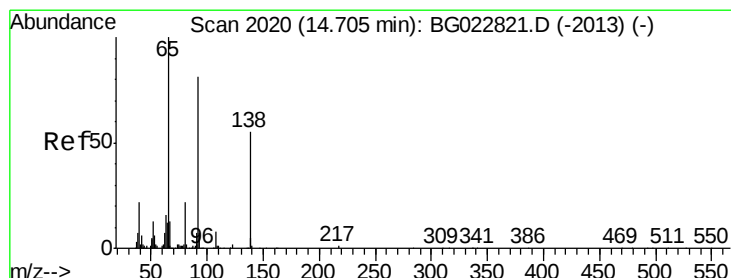
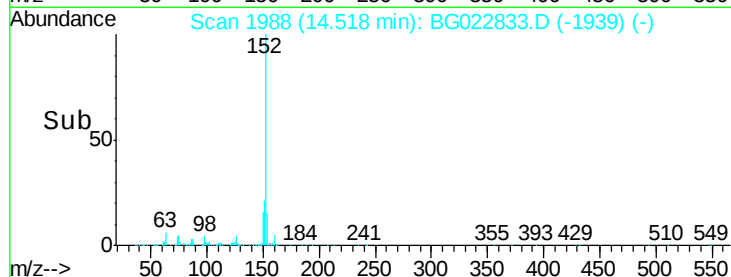
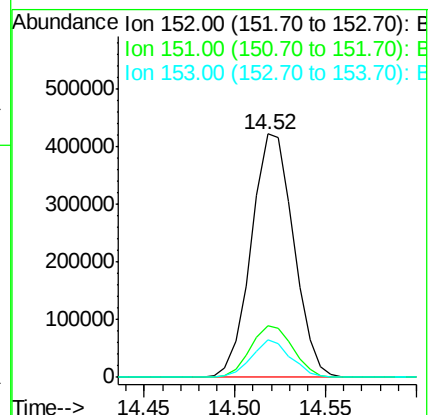
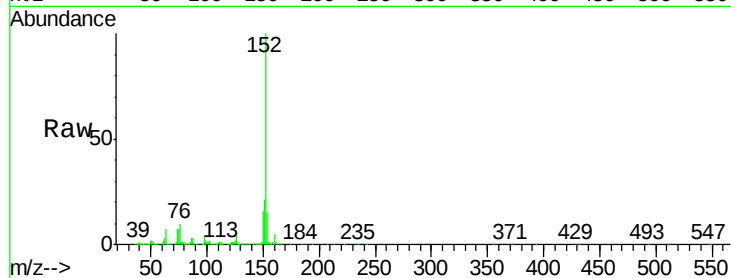
Tot Ion:152 Resp: 687956

Ion Ratio Lower Upper

152 100

151 21.2 17.5 26.3

153 15.4 11.1 16.7



#48

3-Nitroaniline

Concen: 23.47 ng/ul

RT: 14.69 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

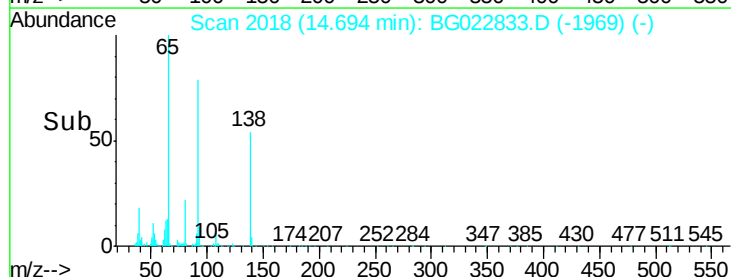
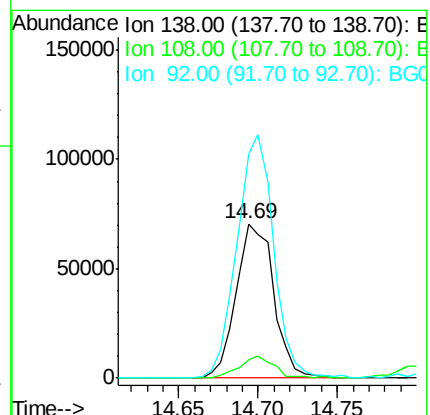
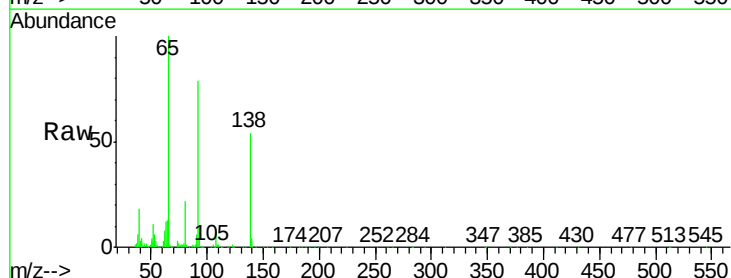
Tgt Ion:138 Resp: 116222

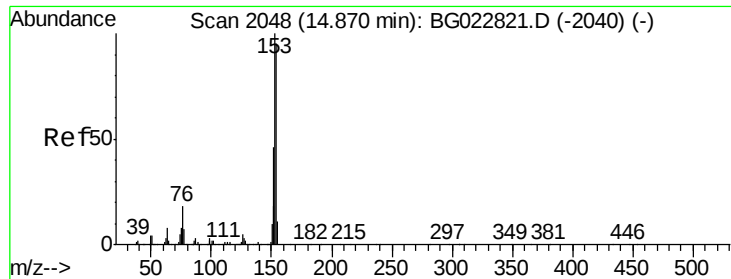
Ion Ratio Lower Upper

138 100

108 12.2 6.2 9.2#

92 145.0 79.3 118.9#





#49

Acenaphthene

Concen: 20.33 ng/ul

RT: 14.86 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BG022833.D

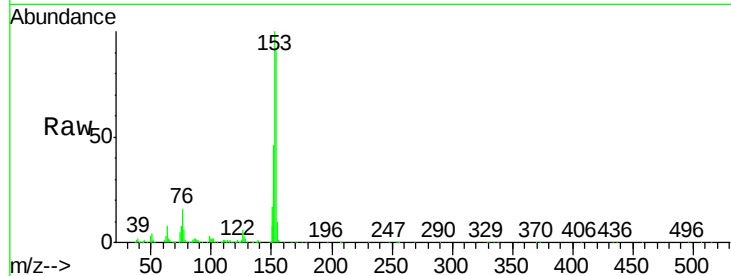
Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

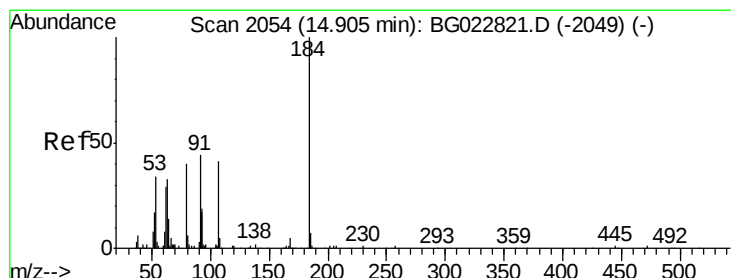
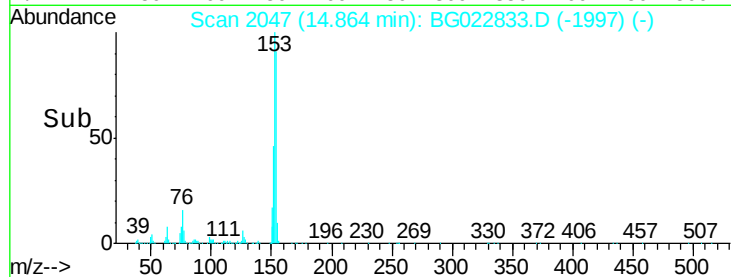
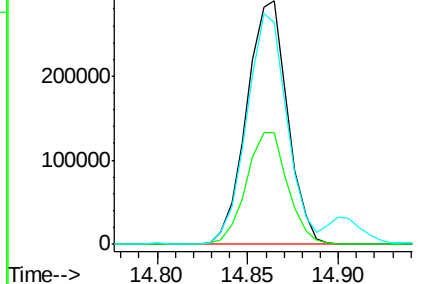
Tot Ion:153	Resp:	457007
Ion Ratio	Lower	Upper
153	100	
152	46.1	37.3 55.9
154	91.0	68.2 102.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 18.85 ng/ul

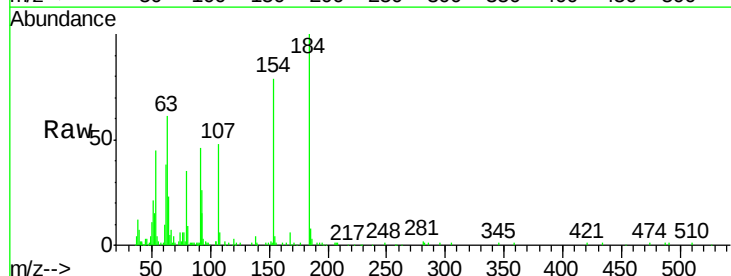
RT: 14.90 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

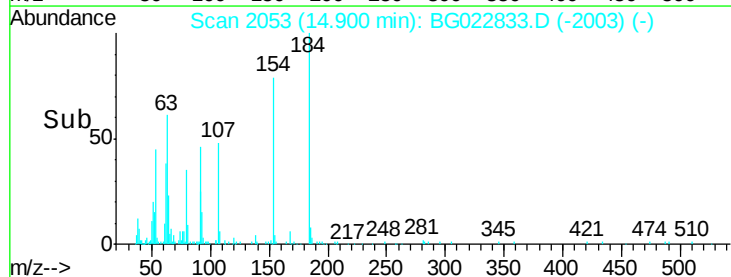
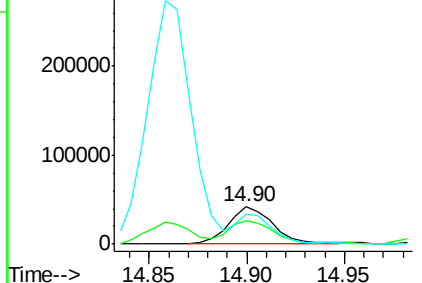
Tgt Ion:184	Resp:	66402
Ion Ratio	Lower	Upper
184	100	
63	61.4	40.5 60.7#
154	79.0	48.5 72.7#

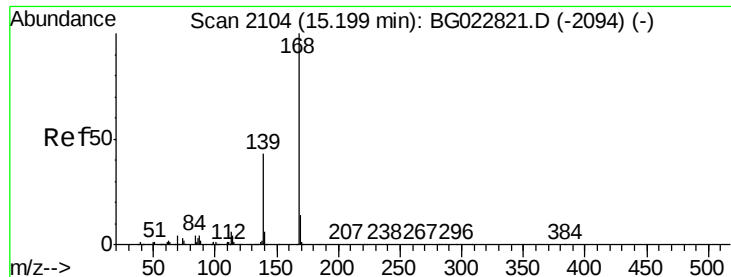


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 21.39 ng/ul

RT: 15.19 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

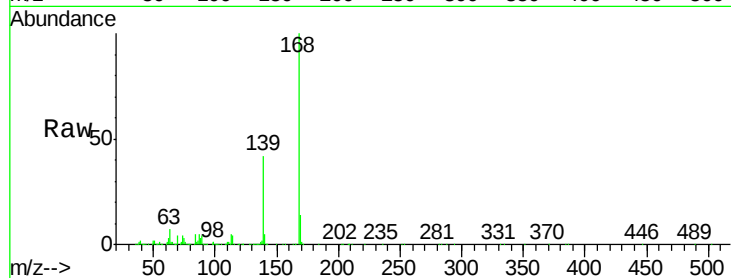
ClientSampleId :

Tot Ion:168 Resp: 742652

Ion Ratio Lower Upper

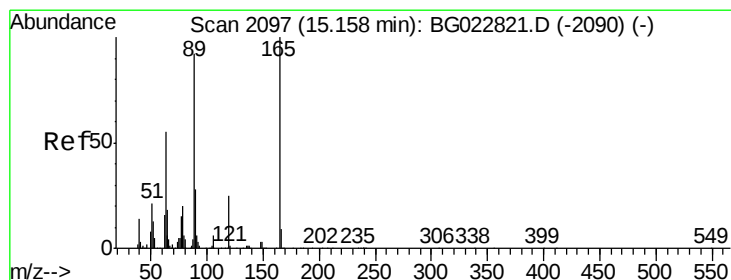
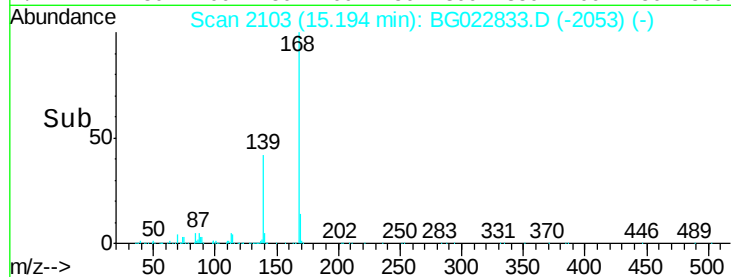
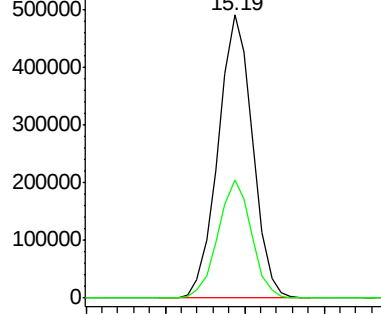
168 100

139 42.0 27.4 41.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 22.48 ng/ul

RT: 15.15 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

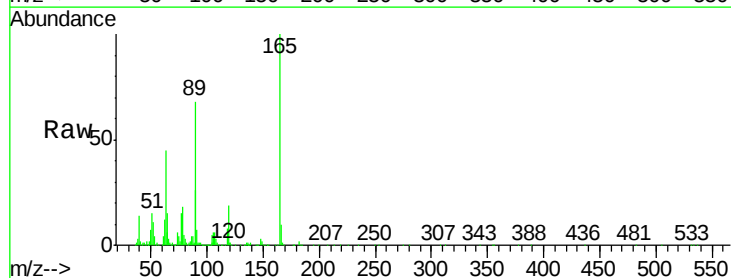
Tgt Ion:165 Resp: 205982

Ion Ratio Lower Upper

165 100

63 44.9 25.7 38.5#

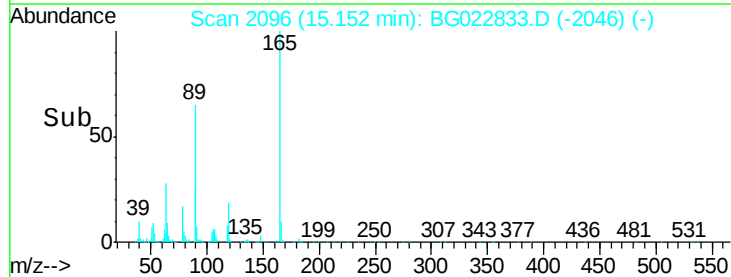
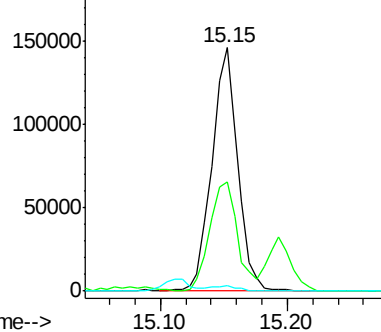
182 2.4 2.1 3.1

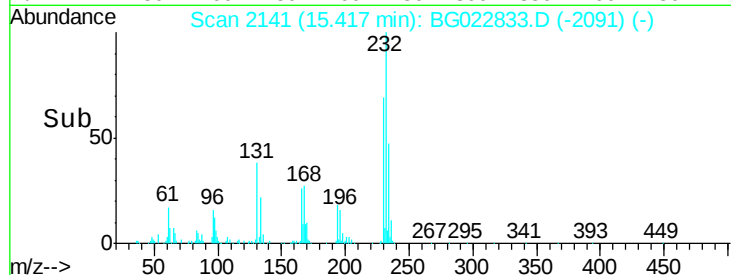
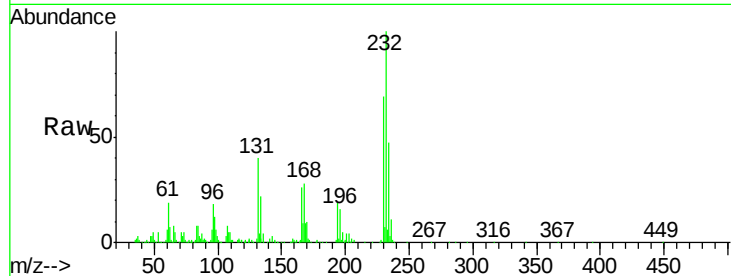
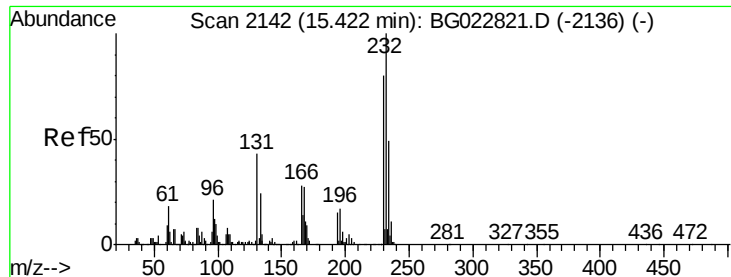


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

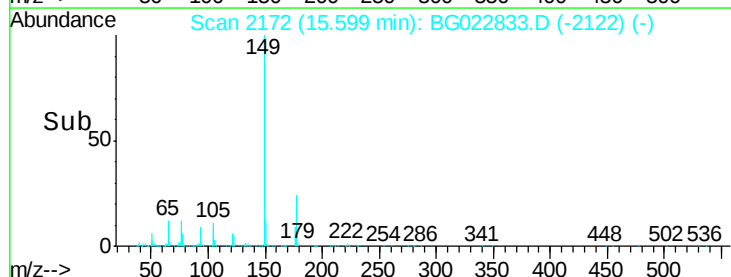
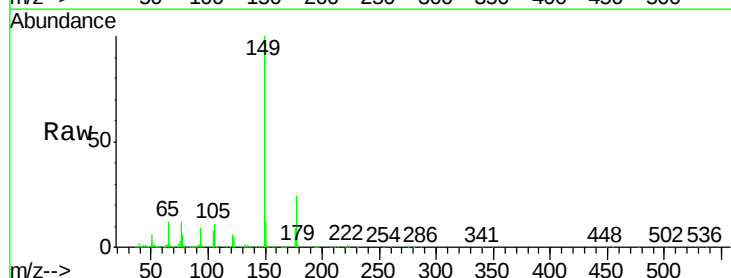
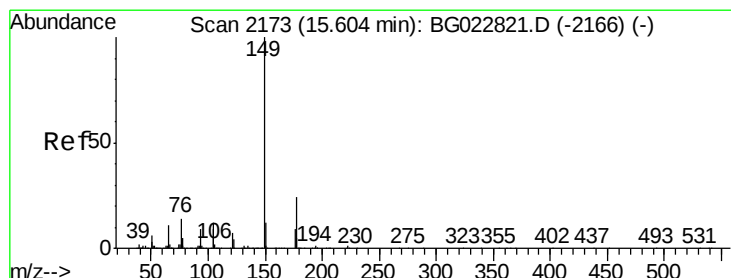
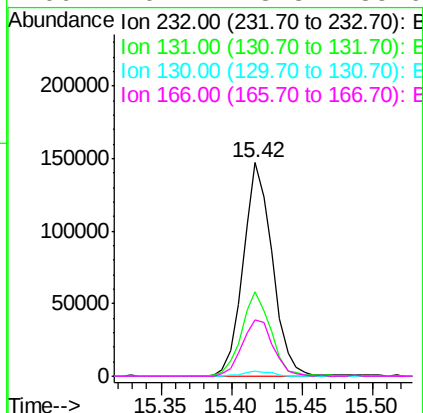




#55
2,3,4,6-Tetrachlorophenol
Concen: 21.80 ng/ul
RT: 15.42 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

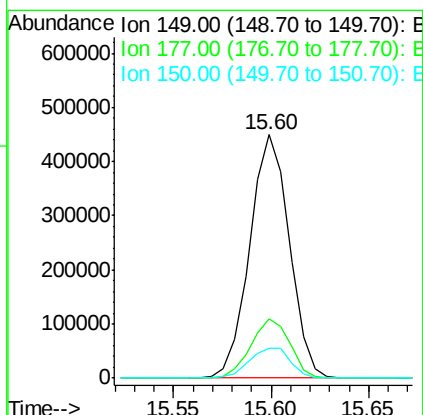
Instrument :
BNA_G
ClientSampleId :

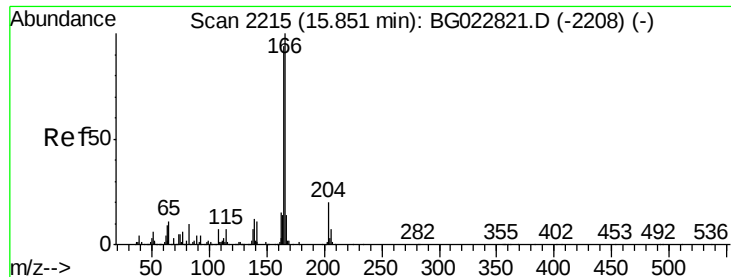
Tot Ion:232	Resp:	212478
Ion Ratio	Lower	Upper
232	100	
131	39.7	34.8 52.2
130	2.1	2.2 3.2#
166	26.2	23.8 35.6



#56
Diethylphthalate
Concen: 21.22 ng/ul
RT: 15.60 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion:149	Resp:	631090
Ion Ratio	Lower	Upper
149	100	
177	24.3	17.4 26.2
150	12.3	9.6 14.4





#58

Fluorene

Concen: 21.23 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampled :

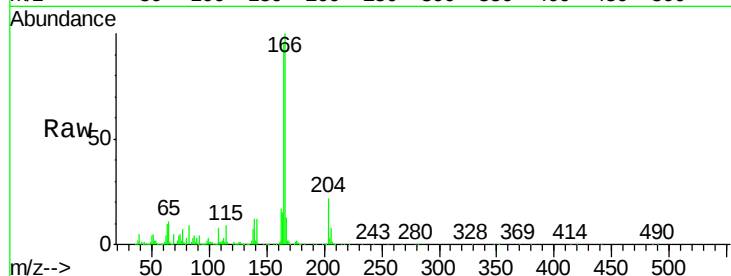
Tot Ion:166 Resp: 592245

Ion Ratio Lower Upper

166 100

165 95.8 80.3 120.5

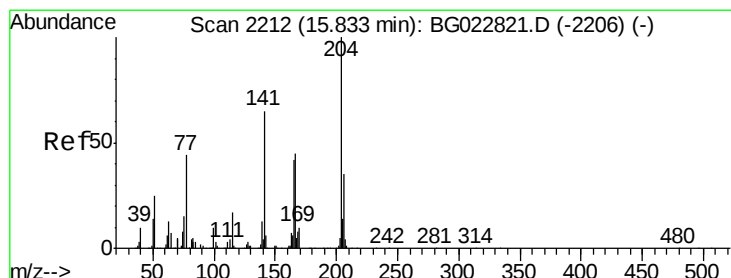
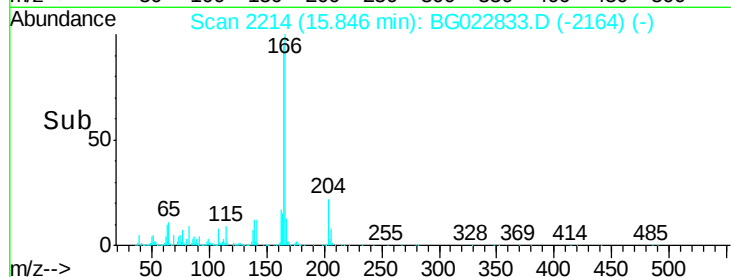
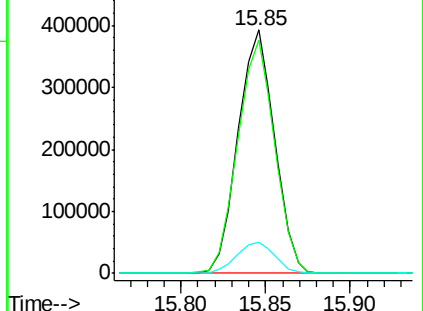
167 12.7 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 20.29 ng/ul

RT: 15.83 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

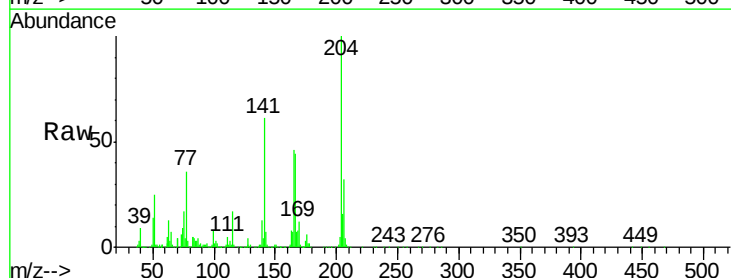
Tgt Ion:204 Resp: 339067

Ion Ratio Lower Upper

204 100

206 32.0 27.4 41.2

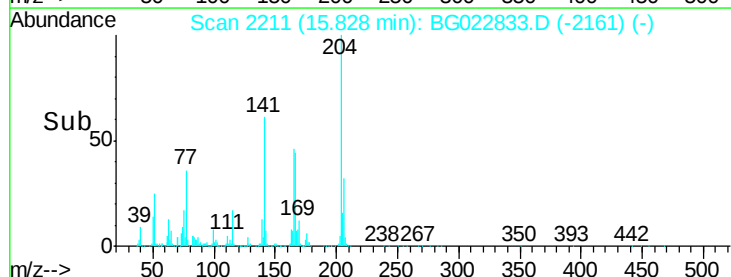
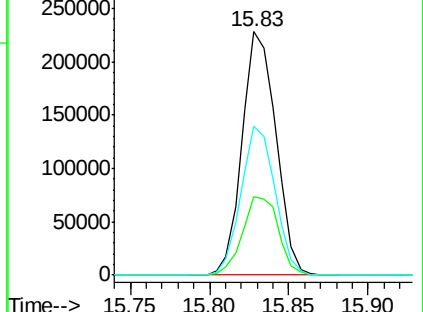
141 61.2 47.1 70.7

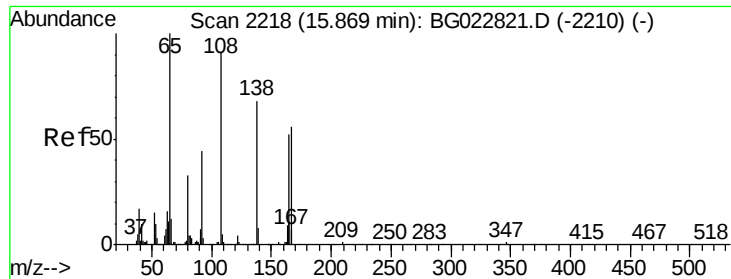


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#60

4-Nitroaniline

Concen: 22.43 ng/ul

RT: 15.86 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

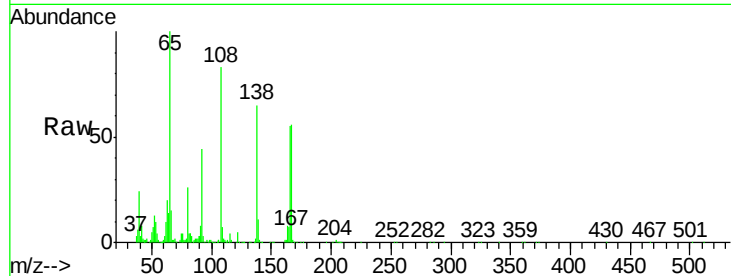
Tot Ion:138 Resp: 133447

Ion Ratio Lower Upper

138 100

92 68.6 39.0 58.4#

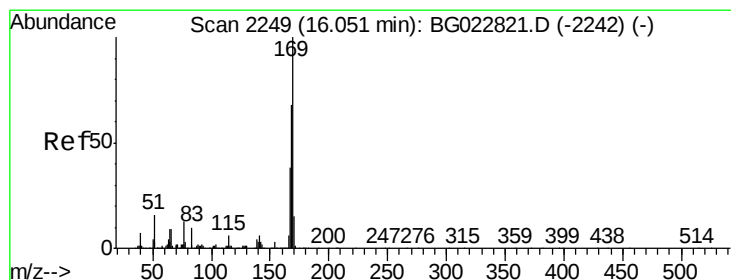
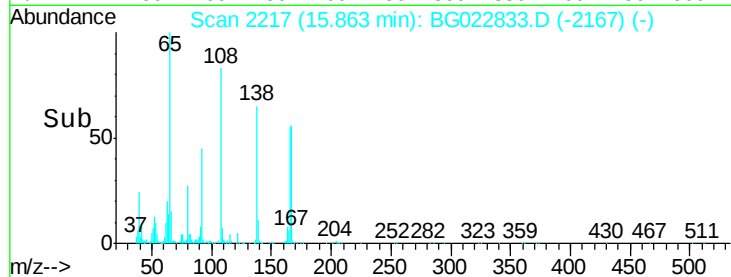
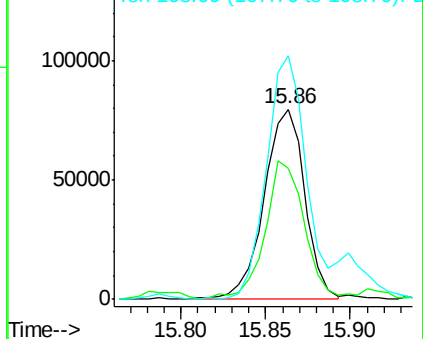
108 127.9 49.2 73.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#64

N-Nitrosodiphenylamine

Concen: 21.05 ng/ul

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

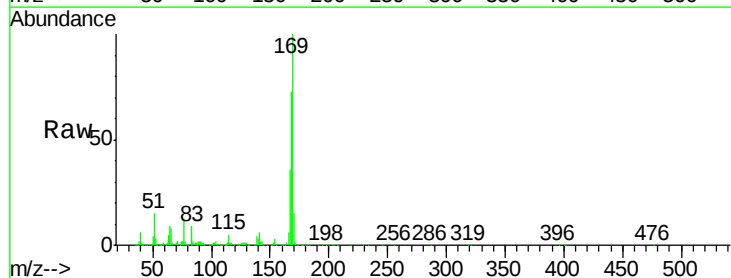
Tgt Ion:169 Resp: 562968

Ion Ratio Lower Upper

169 100

168 72.9 59.0 88.6

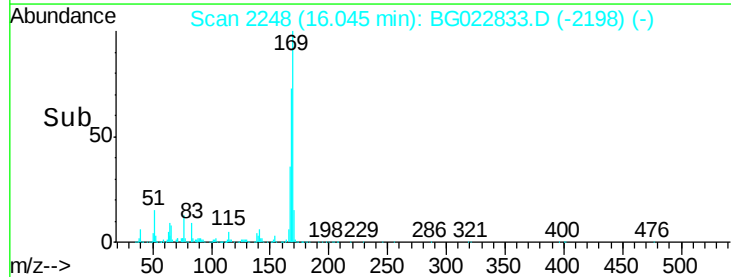
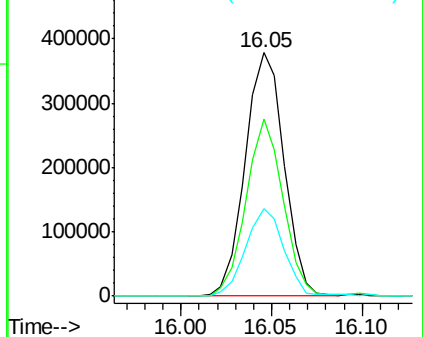
167 36.1 30.6 46.0

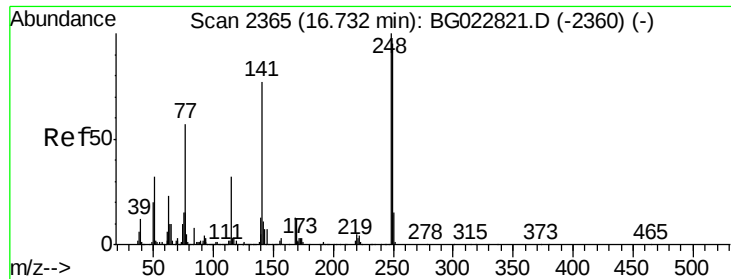


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

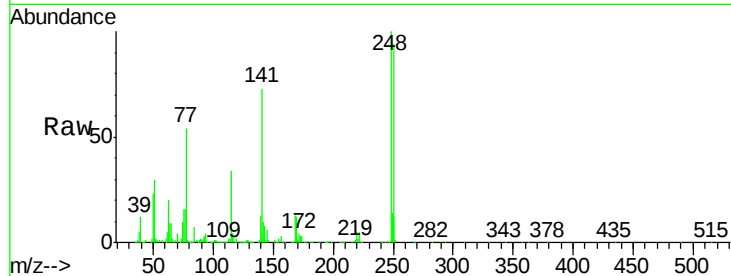




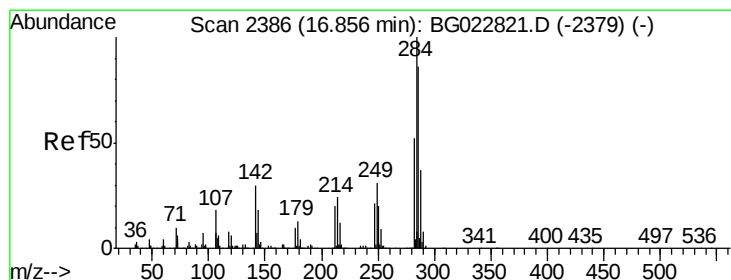
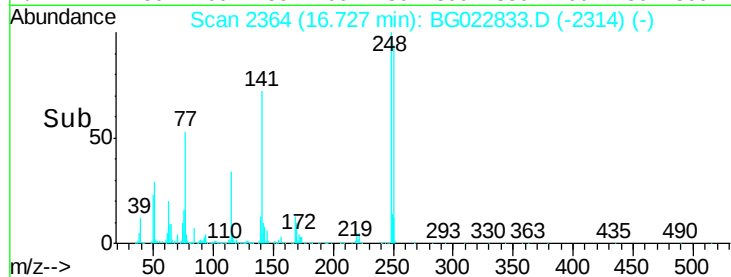
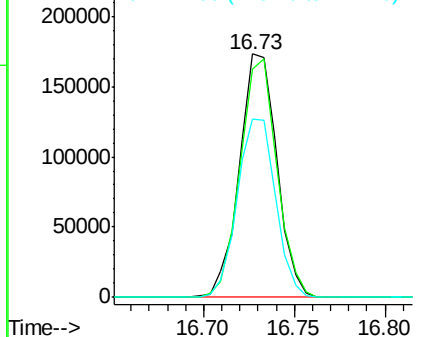
#65
4-Bromophenyl-phenylether
Concen: 20.53 ng/ul
RT: 16.73 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.9	76.6	114.8
141	73.1	61.8	92.6

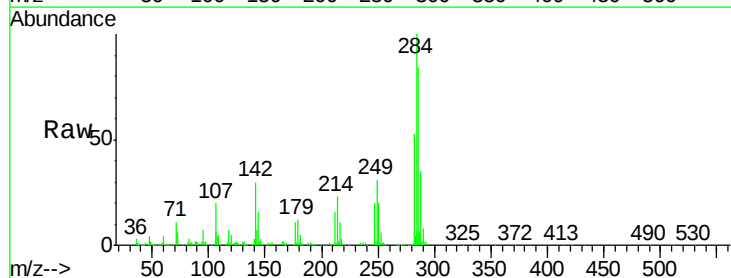


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

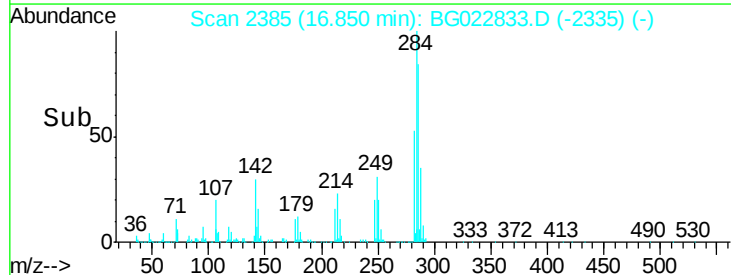
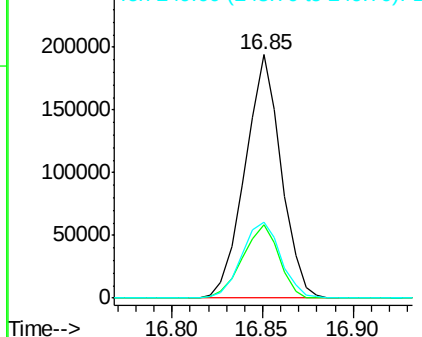


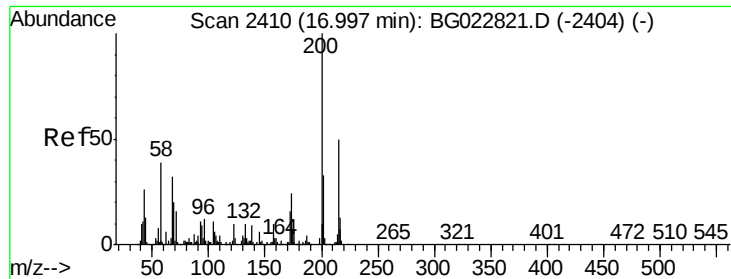
#66
Hexachlorobenzene
Concen: 20.93 ng/ul
RT: 16.85 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	27.8	41.8
249	31.3	24.4	36.6



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

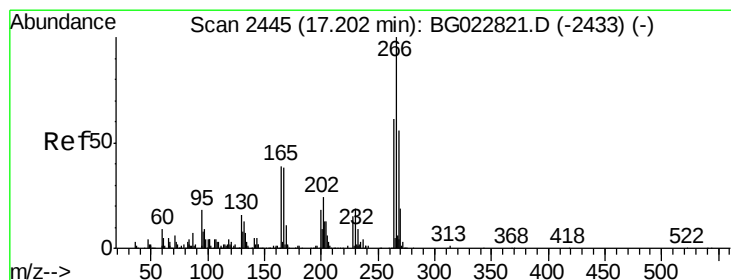
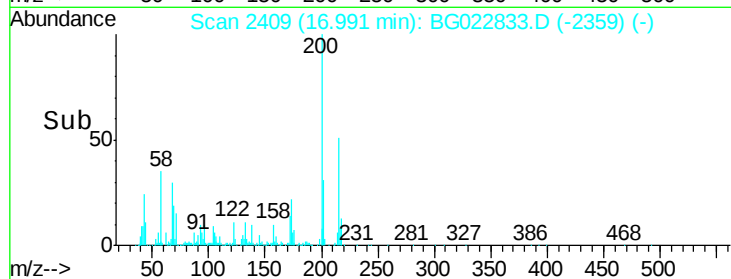
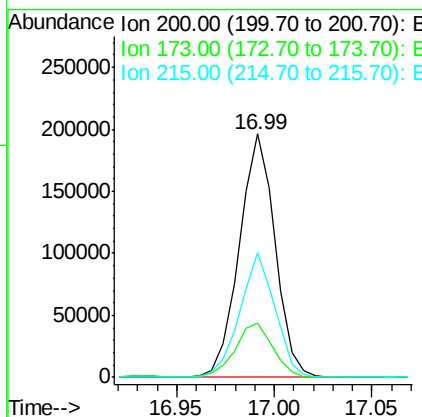
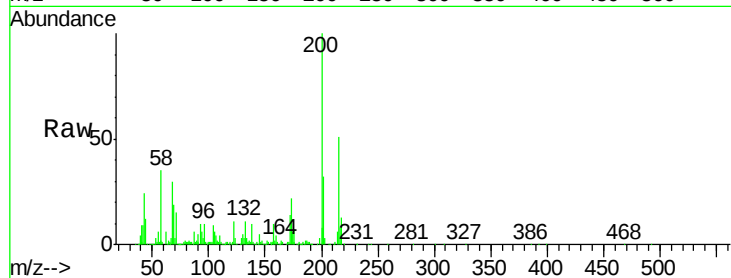




#67
Atrazine
Concen: 22.30 ng/ul
RT: 16.99 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

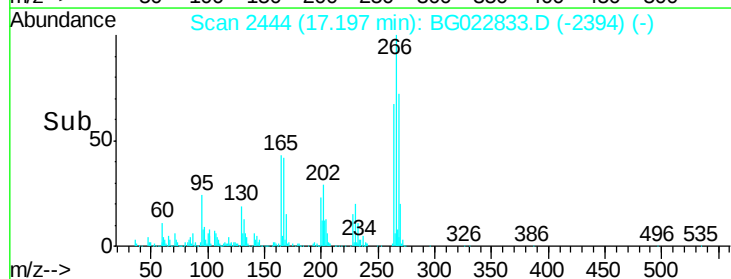
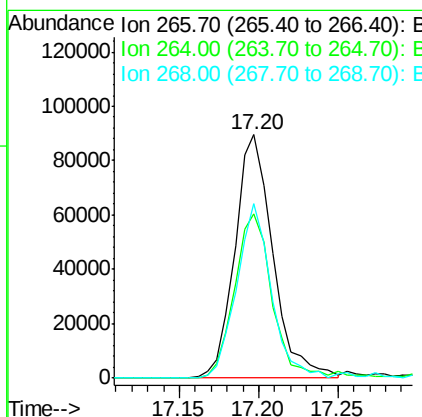
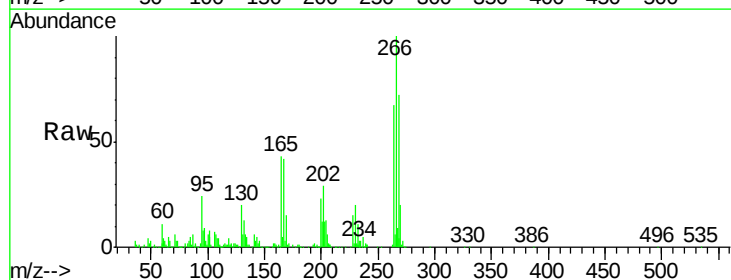
Instrument :
BNA_G
ClientSampled :

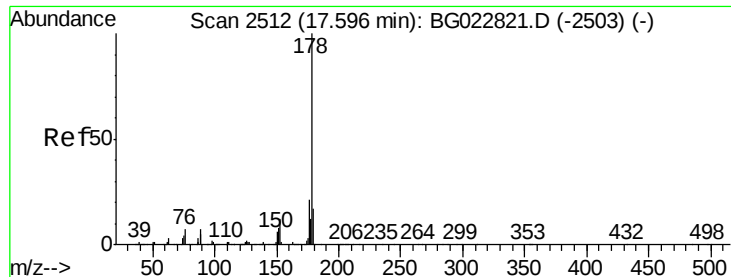
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.4	21.0	31.6
215	51.4	37.9	56.9



#68
Pentachlorophenol
Concen: 20.20 ng/ul
RT: 17.20 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.4	54.7	82.1
268	75.3	57.8	86.8





#69

Phenanthrene

Concen: 22.63 ng/ul

RT: 17.68 min Scan# 2527

Delta R.T. 0.09 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

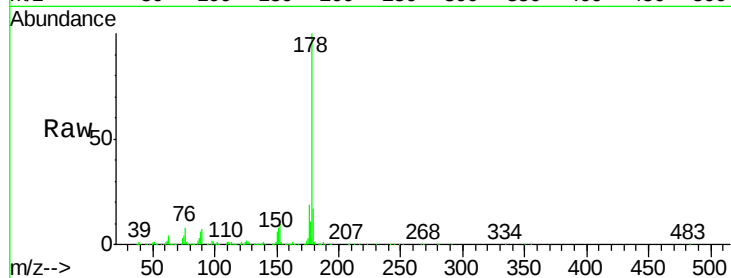
Tot Ion:178 Resp: 1051088

Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

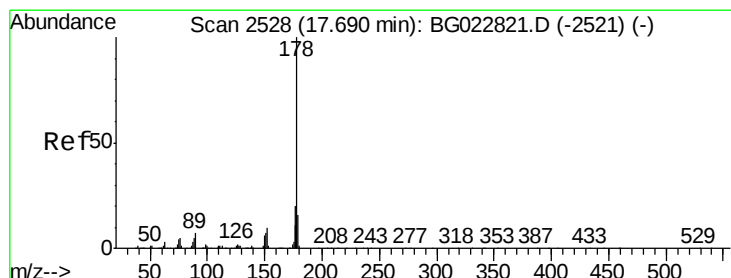
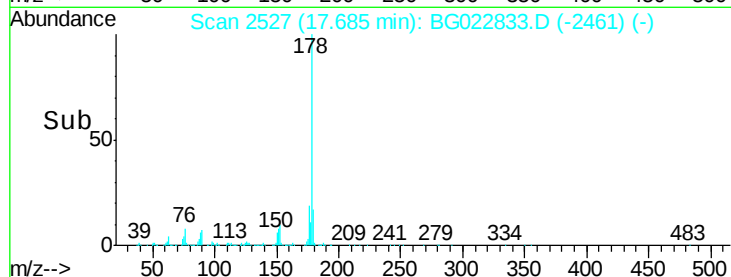
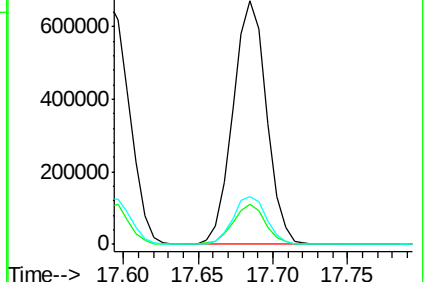
176 19.4 15.8 23.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 22.02 ng/ul

RT: 17.68 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

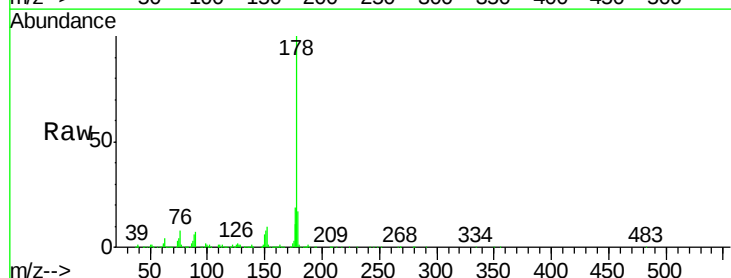
Tgt Ion:178 Resp: 1051088

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

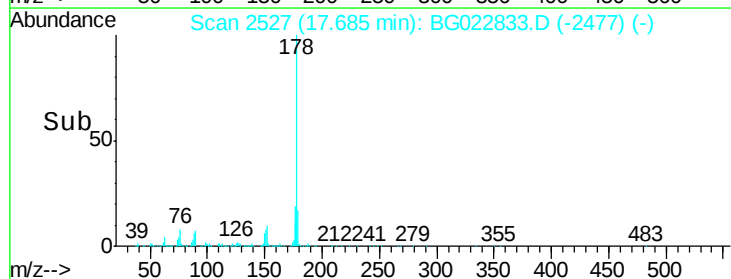
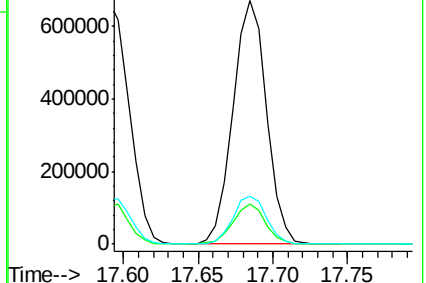
176 19.4 16.3 24.5

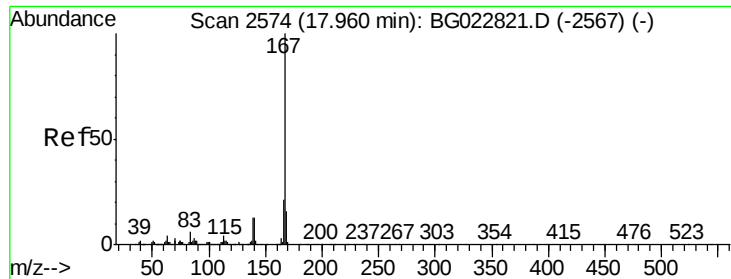


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 24.58 ng/ul

RT: 17.95 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

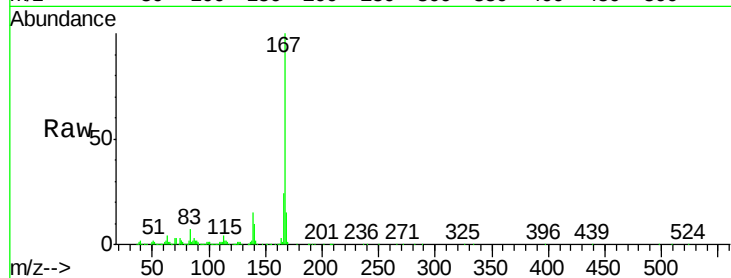
Tot Ion:167 Resp: 868220

Ion Ratio Lower Upper

167 100

166 24.5 19.2 28.8

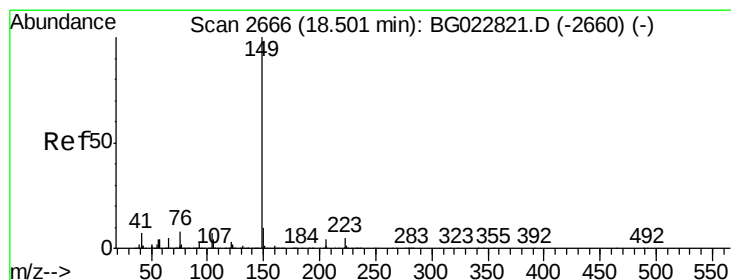
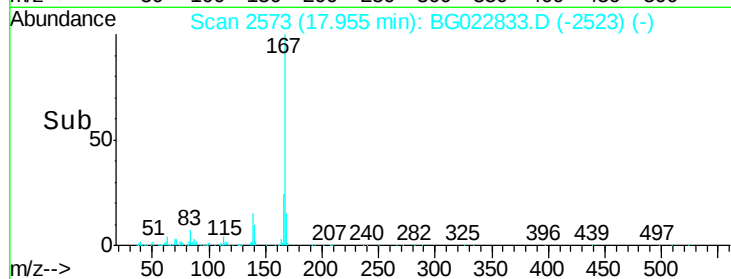
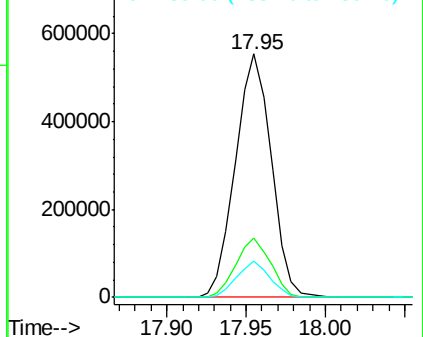
139 14.7 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 23.07 ng/ul

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

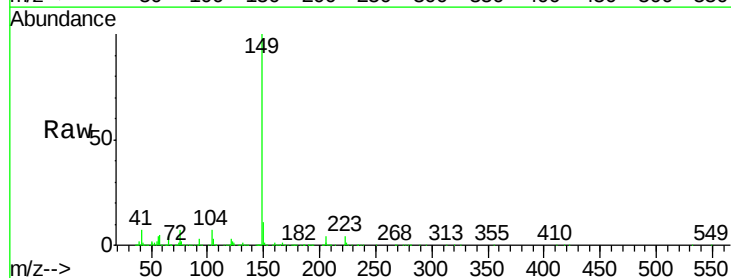
Tgt Ion:149 Resp: 1046170

Ion Ratio Lower Upper

149 100

150 10.6 7.1 10.7

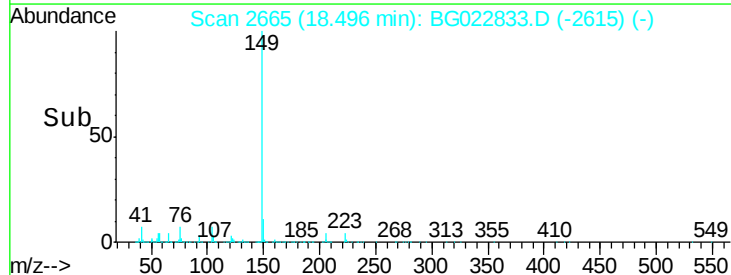
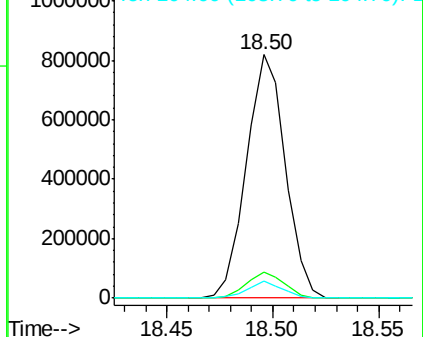
104 6.7 3.3 4.9#

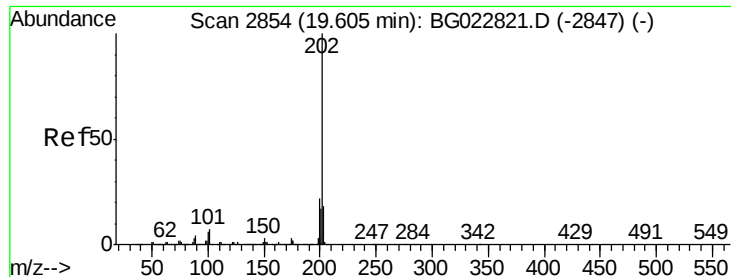


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 25.83 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

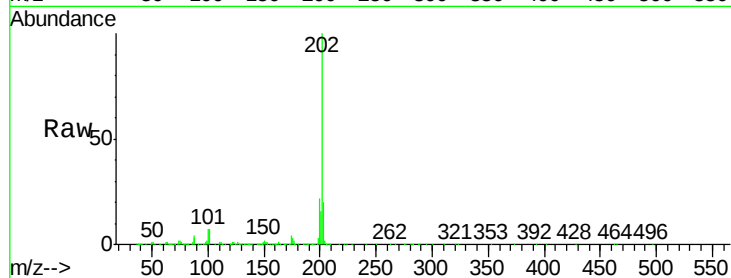
Tot Ion:202 Resp: 1249840

Ion Ratio Lower Upper

202 100

101 7.4 10.6 16.0#

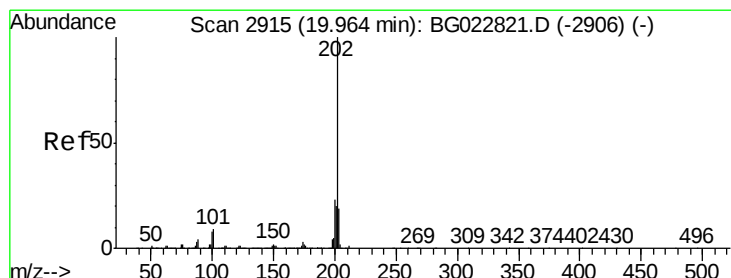
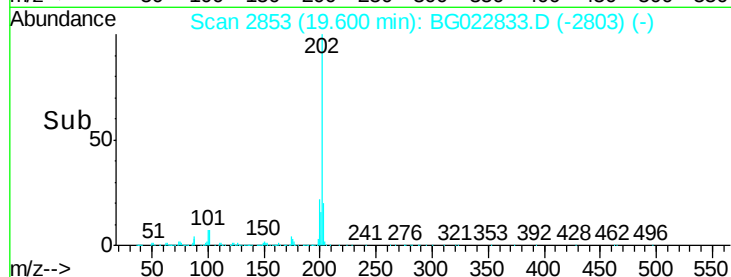
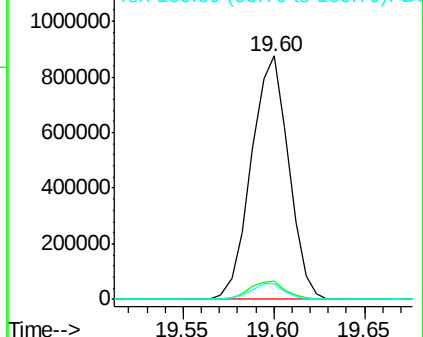
100 6.5 8.7 13.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 18609.95 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

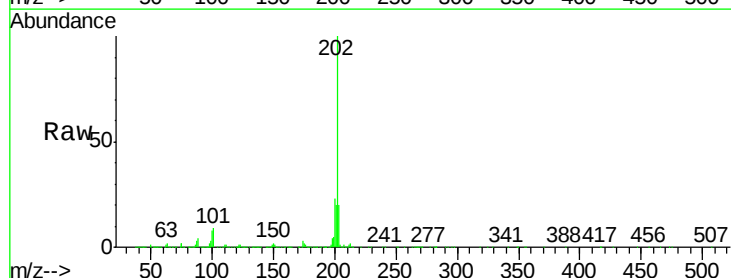
Tgt Ion:202 Resp: 1293871

Ion Ratio Lower Upper

202 100

101 9.2 12.5 18.7#

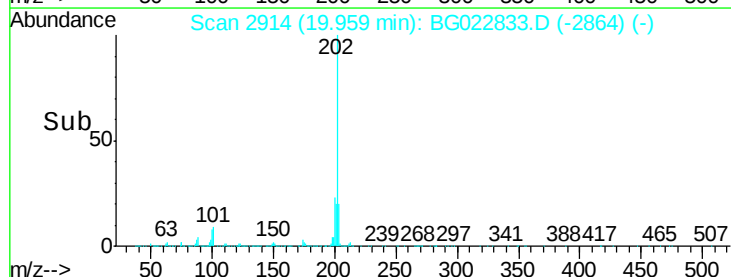
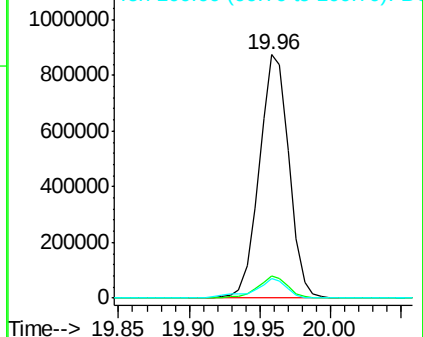
100 7.9 10.2 15.4#

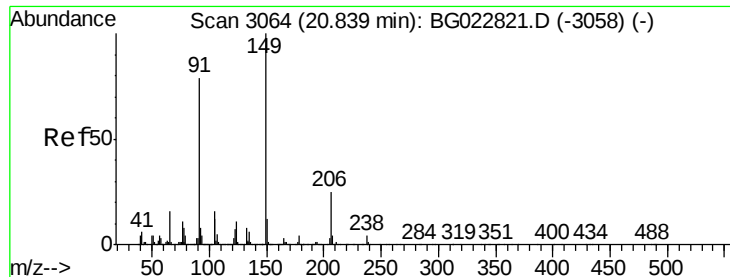


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

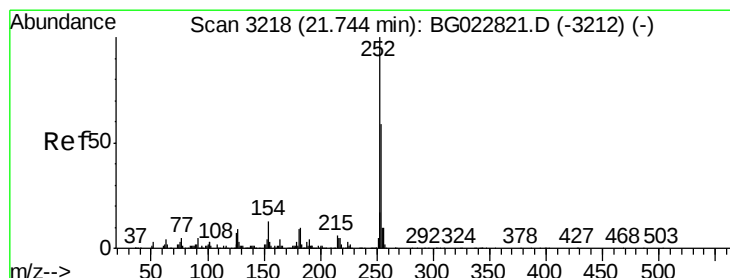
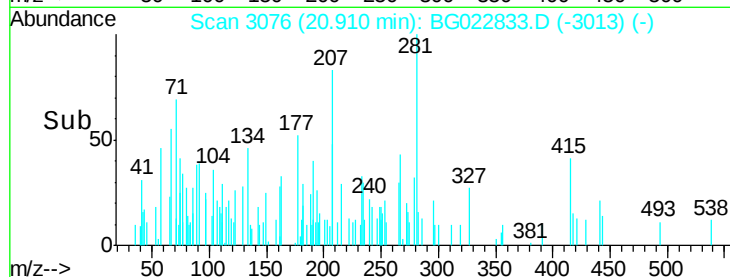
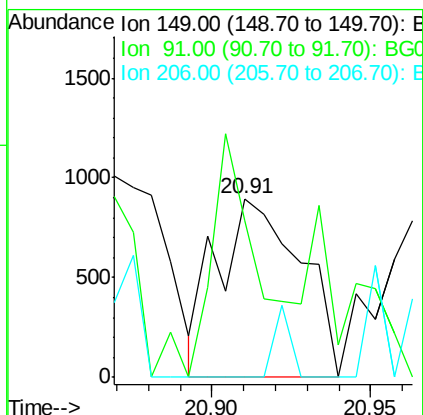
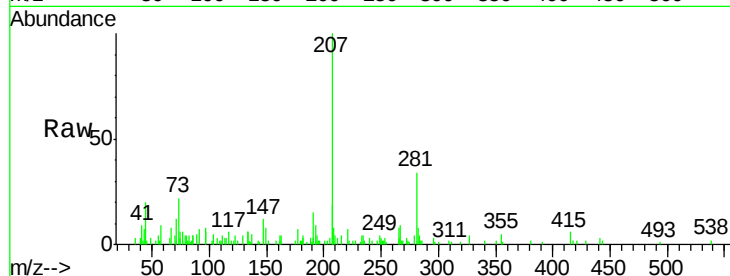




#78
Butylbenzylphthalate
Concen: 60.97 ng/ul
RT: 20.91 min Scan# 3076
Delta R.T. 0.07 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

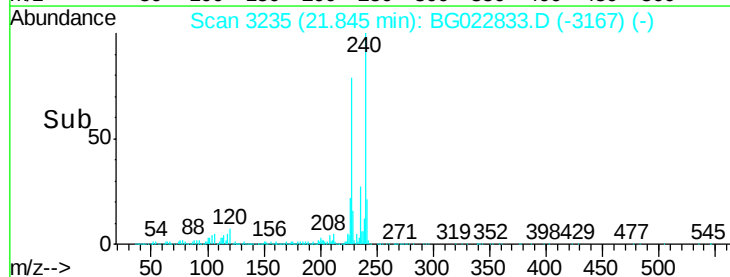
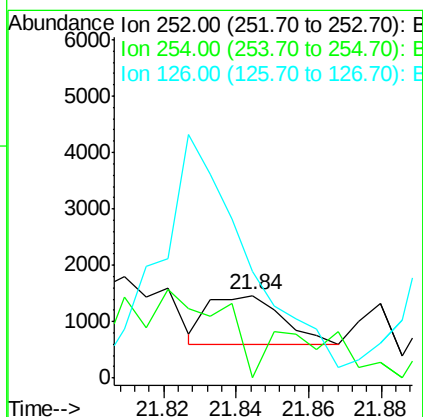
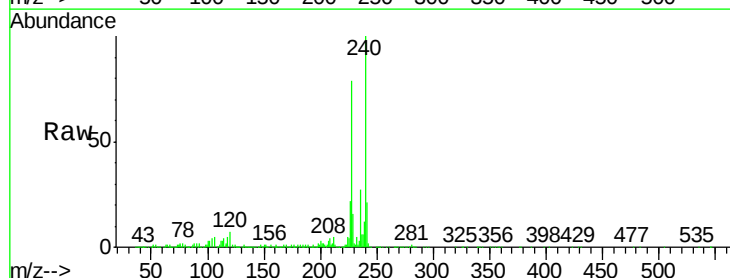
Instrument :
BNA_G
ClientSampled :

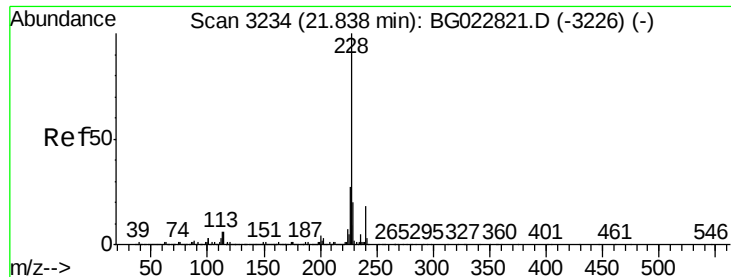
Tot Ion:149 Resp: 1644
Ion Ratio Lower Upper
149 100
91 87.4 54.2 81.4#
206 0.0 14.1 21.1#



#79
3,3'-Dichlorobenzidine
Concen: 52.25 ng/ul
RT: 21.84 min Scan# 3235
Delta R.T. 0.10 min
Lab File: BG022833.D
Acq: 3 Jul 2016 17:52

Tgt Ion:252 Resp: 1229
Ion Ratio Lower Upper
252 100
254 0.0 51.4 77.2#
126 129.2 10.7 16.1#





#80

Benzo(a)anthracene

Concen: 16565.06 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. 0.06 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

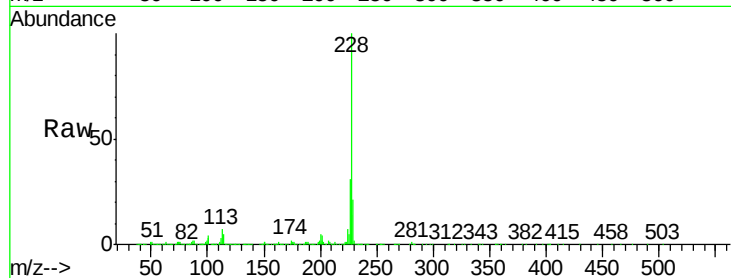
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1206741

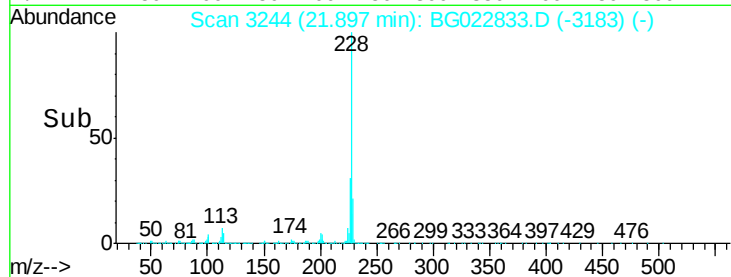
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.2
226	30.6	22.8	34.2



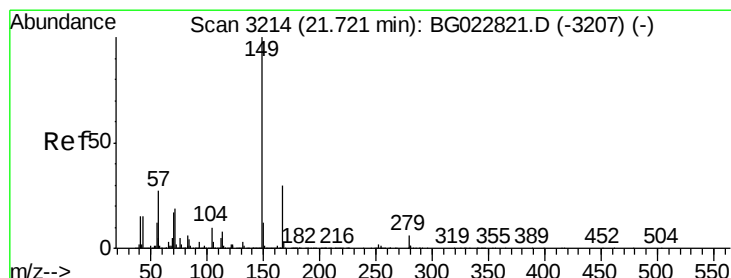
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 148.99 ng/ul

RT: 21.84 min Scan# 3234

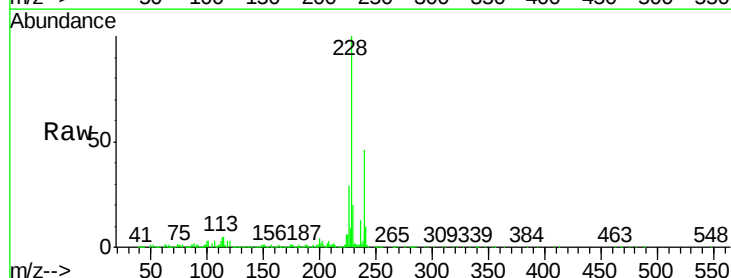
Delta R.T. 0.12 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Tgt Ion:149 Resp: 5184

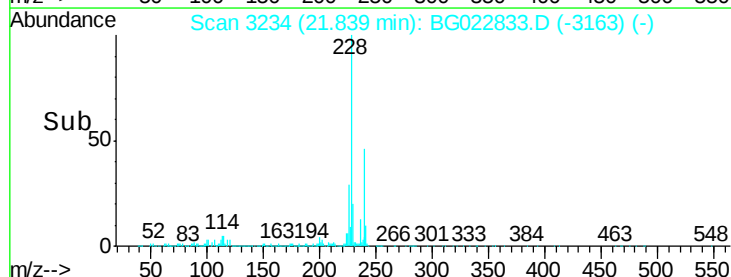
Ion	Ratio	Lower	Upper
149	100		
167	9.7	21.9	32.9#
279	12.2	2.9	4.3#



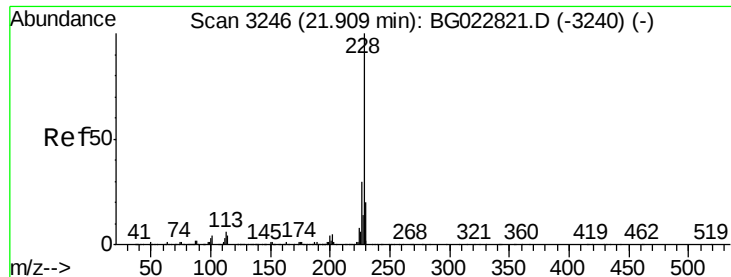
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#82

Chrysene

Concen: 18198.33 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

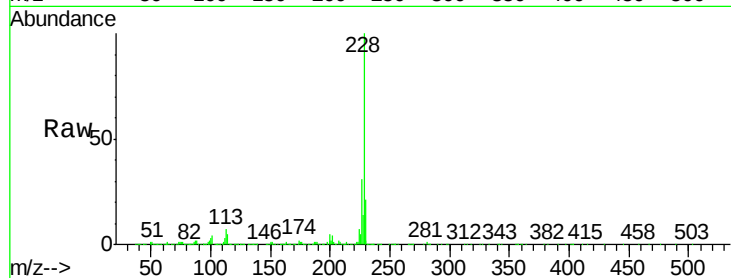
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1206785

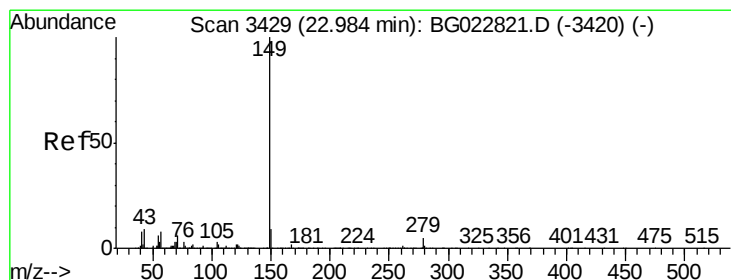
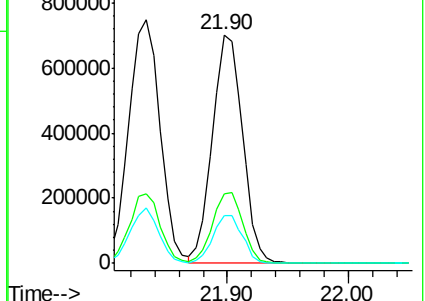
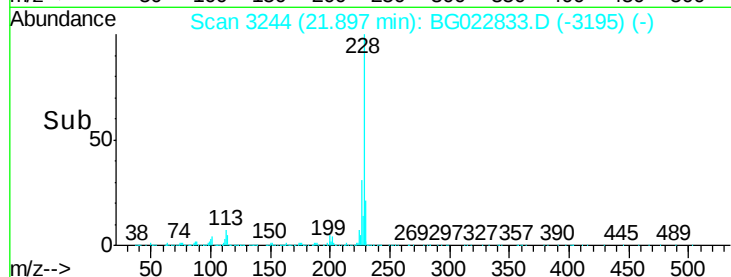
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.1	15.0	22.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 23.67 ng/ul

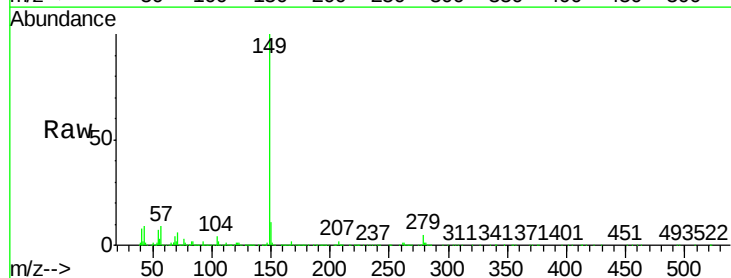
RT: 22.98 min Scan# 3428

Delta R.T. -0.01 min

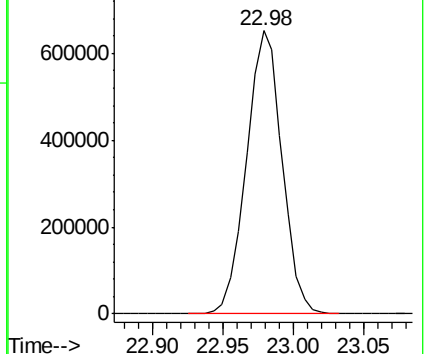
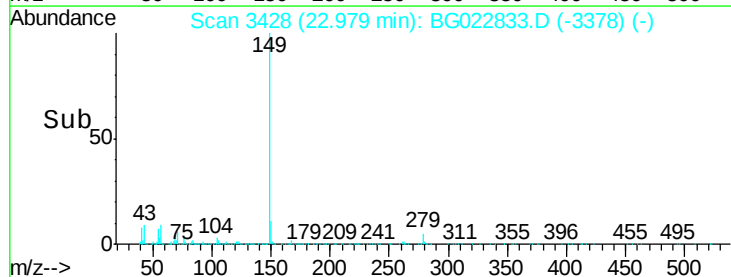
Lab File: BG022833.D

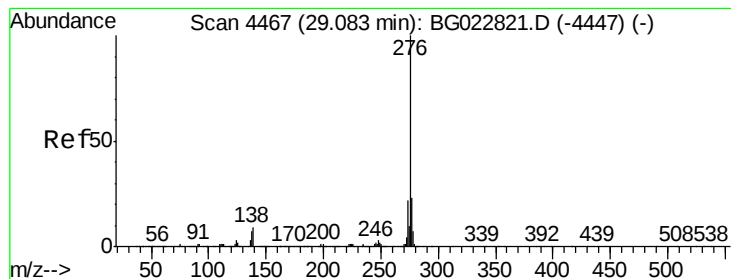
Acq: 3 Jul 2016 17:52

Tgt Ion:149 Resp: 1147553



Abundance Ion 149.00 (148.70 to 149.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 20.55 ng/ul

RT: 29.08 min Scan# 4466

Delta R.T. -0.01 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

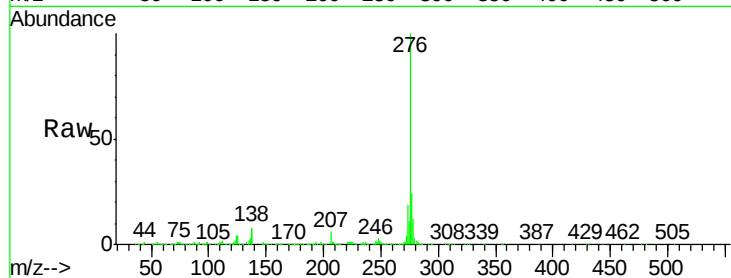
Tot Ion:276 Resp: 1418985

Ion Ratio Lower Upper

276 100

138 8.3 20.8 31.2#

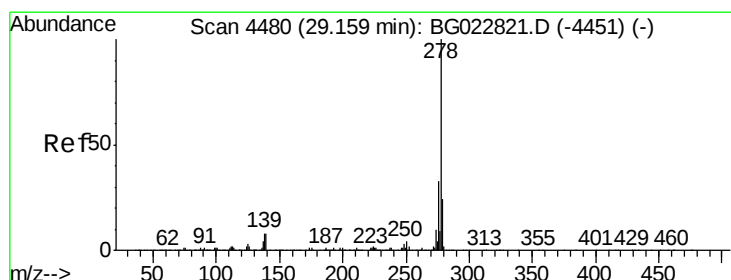
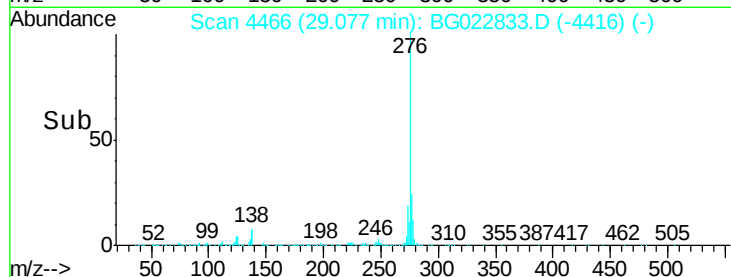
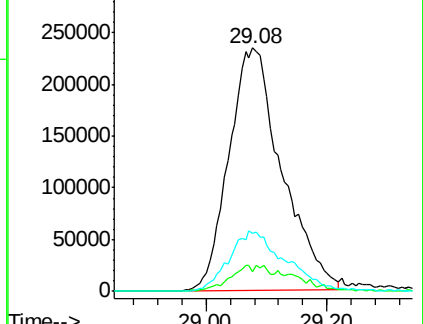
277 23.7 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#90

Dibenzo(a,h)anthracene

Concen: 20.46 ng/ul

RT: 29.14 min Scan# 4477

Delta R.T. -0.02 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

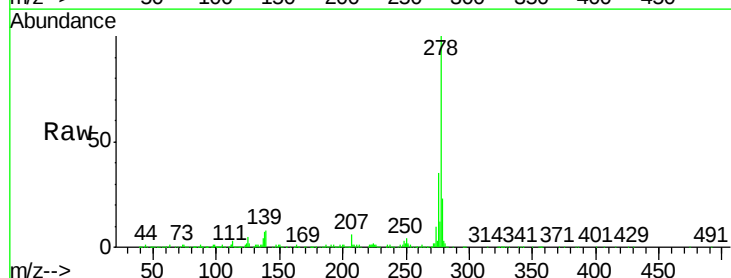
Tgt Ion:278 Resp: 1167963

Ion Ratio Lower Upper

278 100

139 8.1 16.3 24.5#

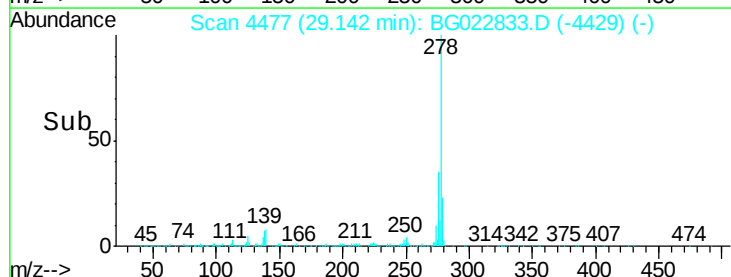
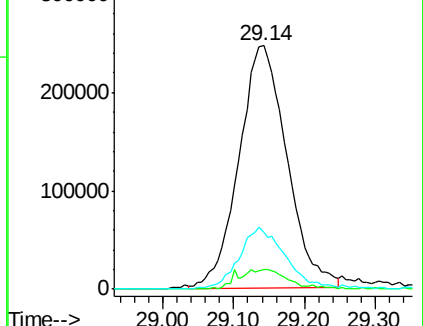
279 23.1 19.1 28.7

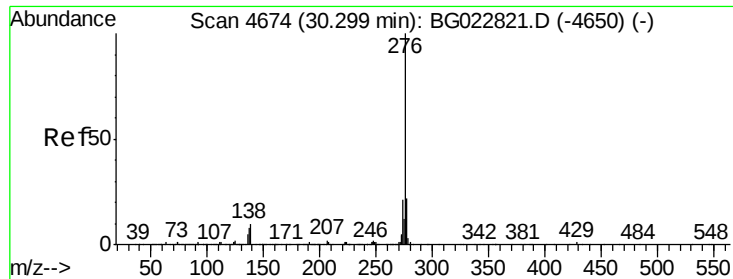


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 21.92 ng/ul

RT: 30.28 min Scan# 4670

Delta R.T. -0.02 min

Lab File: BG022833.D

Acq: 3 Jul 2016 17:52

Instrument :

BNA_G

ClientSampleId :

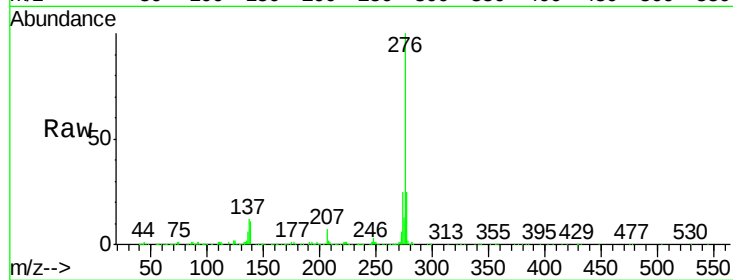
Tot Ion:276 Resp: 1186897

Ion Ratio Lower Upper

276 100

138 10.9 22.1 33.1#

277 24.9 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

