

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022971.D
 Acq On : 9 Jul 2016 18:48
 Operator : UM/SJ
 Sample : PB91968BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91968BS

Quant Time: Jul 11 04:31:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

SOHIL
 7/11/2016 6:46:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91019	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	400730	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	325997	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	840183	20.00	ng	0.00
75) Chrysene-d12	21.85	240	924047	20.00	ng	0.00
86) Perylene-d12	25.21	264	951660	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	829695	149.09	ng	0.00
7) Phenol-d6	7.31	99	1281355	147.00	ng	0.00
23) Nitrobenzene-d5	9.32	82	912516	97.51	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	771453	131.67	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1889541	91.30	ng	0.00
78) Terphenyl-d14	20.15	244	2954304	117.42	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	253692	34.27	ng	95
4) n-Nitrosodimethylamine	3.88	42	131254	41.33	ng	# 84
6) Aniline	7.47	93	417634	34.57	ng	94
8) 2-Chlorophenol	7.71	128	296777	50.11	ng	99
9) Benzaldehyde	7.28	77	244351	41.95	ng	97
10) Phenol	7.33	94	466724	52.04	ng	93
11) bis(2-Chloroethyl)ether	7.56	93	304647	42.86	ng	95
12) 1,3-Dichlorobenzene	8.04	146	300711	41.48	ng	97
13) 1,4-Dichlorobenzene	8.19	146	298667	41.15	ng	98
14) 1,2-Dichlorobenzene	8.51	146	300923	41.71	ng	97
15) Benzyl Alcohol	8.39	79	407597	51.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	371961	42.84	ng	95
17) 2-Methylphenol	8.60	107	294513	50.45	ng	97
18) Hexachloroethane	9.24	117	123997	40.47	ng	90
19) n-Nitroso-di-n-propylamine	8.95	70	323338	41.15	ng	98
20) 3+4-Methylphenols	8.93	107	422180	51.85	ng	93
22) Acetophenone	8.98	105	534475	44.44	ng	# 95
24) Nitrobenzene	9.37	77	466310	46.89	ng	96
25) Isophorone	9.89	82	868757	46.15	ng	96
26) 2-Nitrophenol	10.08	139	182789	46.84	ng	87
27) 2,4-Dimethylphenol	10.14	122	329999	48.92	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	478189	45.55	ng	100
29) 2,4-Dichlorophenol	10.62	162	371188	51.60	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	371043	45.01	ng	94
31) Naphthalene	11.03	128	932724	45.72	ng	97
32) Benzoic acid	10.28	122	261745	42.65	ng	91
33) 4-Chloroaniline	11.14	127	196827	19.73	ng	# 93
34) Hexachlorobutadiene	11.30	225	277952	41.59	ng	97
35) Caprolactam	11.92	113	138207m	46.70	ng	
36) 4-Chloro-3-methylphenol	12.26	107	483274	49.12	ng	92
37) 2-Methylnaphthalene	12.63	142	782487	48.53	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	515422	36.69	ng	99
40) Hexachlorocyclopentadiene	12.97	237	695154	85.96	ng	96
42) 2,4,6-Trichlorophenol	13.23	196	374752	46.41	ng	96

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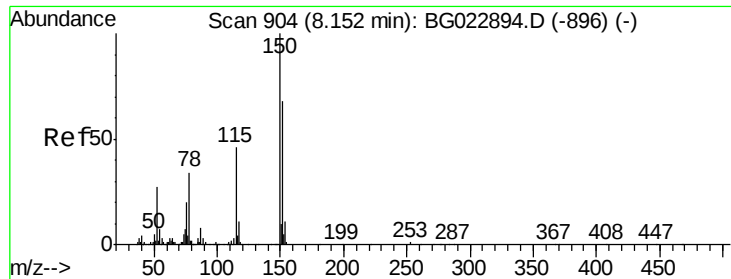
Instrument :
 BNA_G
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Quant Time: Jul 11 04:31:48 2016
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 Response via : Initial Calibration

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 7/11/2016 6:46:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	409698	49.41	ng	92
45) 1,1'-Biphenyl	13.63	154	1098988	44.93	ng	98
46) 2-Chloronaphthalene	13.67	162	907414	45.73	ng	99
47) 2-Nitroaniline	13.88	65	397758	46.98	ng	95
48) Acenaphthylene	14.52	152	1373625	46.15	ng	100
49) Dimethylphthalate	14.24	163	1258556	47.26	ng	96
50) 2,6-Dinitrotoluene	14.37	165	299370	50.02	ng	83
51) Acenaphthene	14.86	154	908907	46.73	ng	98
52) 3-Nitroaniline	14.70	138	186779	31.30	ng	96
53) 2,4-Dinitrophenol	14.91	184	345270	84.08	ng	97
54) Dibenzofuran	15.19	168	1464600	50.31	ng	100
55) 4-Nitrophenol	15.02	139	453981	90.76	ng	99
56) 2,4-Dinitrotoluene	15.16	165	435250	49.89	ng	# 95
57) Fluorene	15.85	166	1200813	47.92	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	435883	52.54	ng	100
59) Diethylphthalate	15.60	149	1314820	48.53	ng	98
60) 4-Chlorophenyl-phenylether	15.83	204	711046	46.59	ng	100
61) 4-Nitroaniline	15.87	138	298692	46.26	ng	# 87
62) Azobenzene	16.13	77	1439769	55.55	ng	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	270774	43.36	ng	98
65) n-Nitrosodiphenylamine	16.05	169	1140037	47.10	ng	97
66) 4-Bromophenyl-phenylether	16.73	248	497717	45.53	ng	99
67) Hexachlorobenzene	16.85	284	526520	44.30	ng	98
68) Atrazine	17.00	200	503355	46.88	ng	98
69) Pentachlorophenol	17.20	266	669050	86.92	ng	99
70) Phenanthrene	17.60	178	2004388	48.68	ng	97
71) Anthracene	17.69	178	2044054	49.03	ng	98
72) Carbazole	17.96	167	1786157	49.58	ng	98
73) Di-n-butylphthalate	18.50	149	2083755	52.01	ng	99
74) Fluoranthene	19.60	202	2347614	46.46	ng	98
76) Benzidine	19.78	184	1196484	45.17	ng	99
77) Pyrene	19.97	202	2364569	45.54	ng	97
79) Butylbenzylphthalate	20.83	149	1042366	50.68	ng	95
80) Benzo(a)anthracene	21.83	228	2512267	48.59	ng	99
81) 3,3'-Dichlorobenzidine	21.74	252	690929	30.45	ng	# 99
82) Chrysene	21.90	228	2363813	48.74	ng	96
83) Bis(2-ethylhexyl)phthalate	21.71	149	1425194	49.90	ng	99
84) Di-n-octyl phthalate	22.97	149	2373681	49.84	ng	99
85) Indeno(1,2,3-cd)pyrene	29.06	276	3060628	49.50	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	2710042	49.36	ng	# 96
88) Benzo(k)fluoranthene	24.21	252	2595316	49.81	ng	# 96
89) Benzo(a)pyrene	25.05	252	2629552	49.96	ng	# 96
90) Dibenzo(a,h)anthracene	29.13	278	2558895	48.99	ng	# 95
91) Benzo(g,h,i)perylene	30.27	276	2534406	48.45	ng	# 96

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



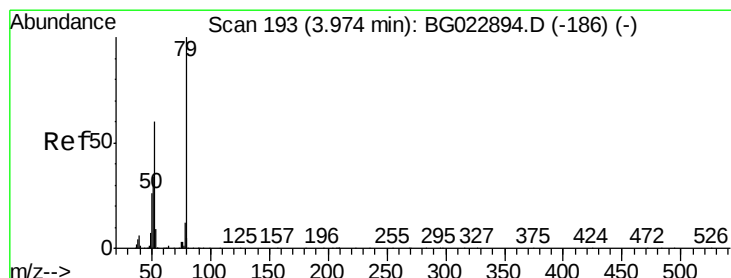
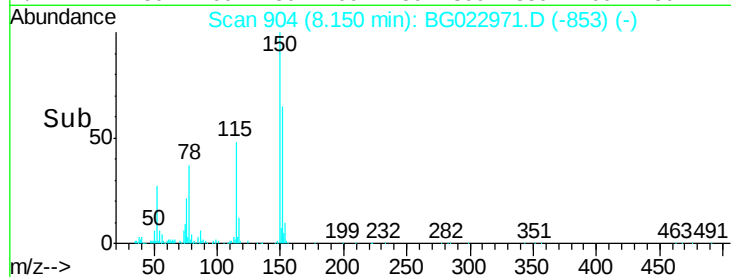
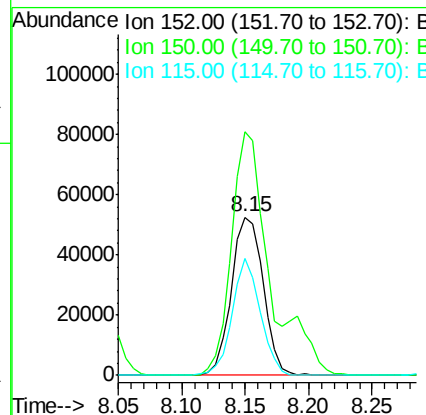
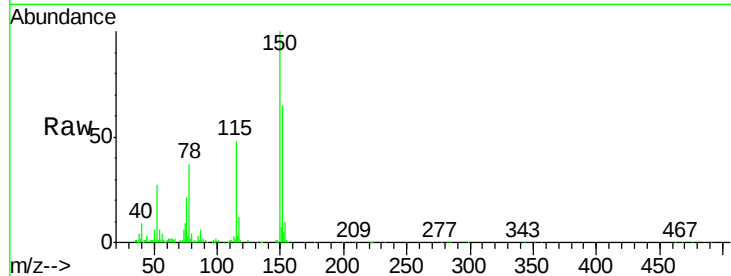
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampled :
PB91968BS

Tgt Ion:152 Resp: 91019
Ion Ratio Lower Upper
152 100
150 153.8 144.7 217.1
115 73.8 64.0 96.0

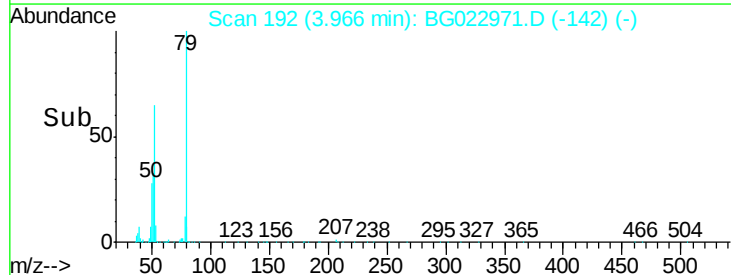
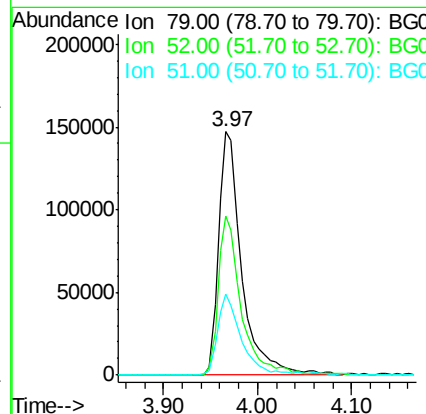
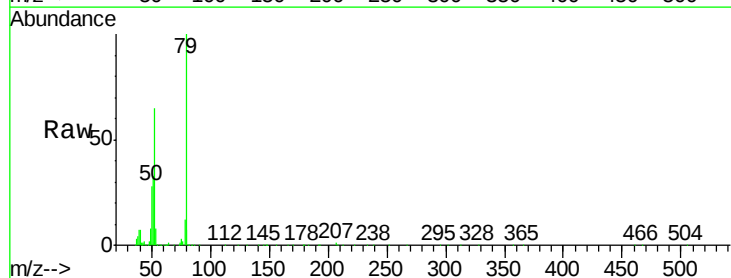
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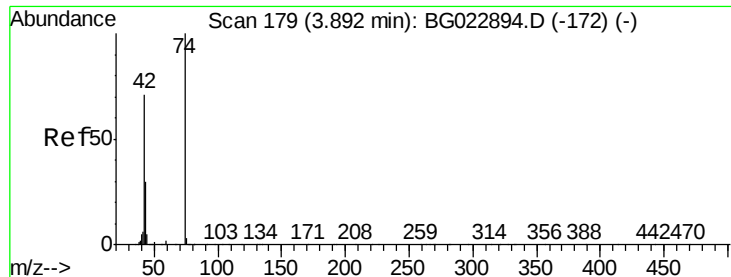


#3

Pyridine
Concen: 34.27 ng
RT: 3.97 min Scan# 192
Delta R.T. -0.01 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion: 79 Resp: 253692
Ion Ratio Lower Upper
79 100
52 65.2 51.8 77.8
51 33.4 32.7 49.1





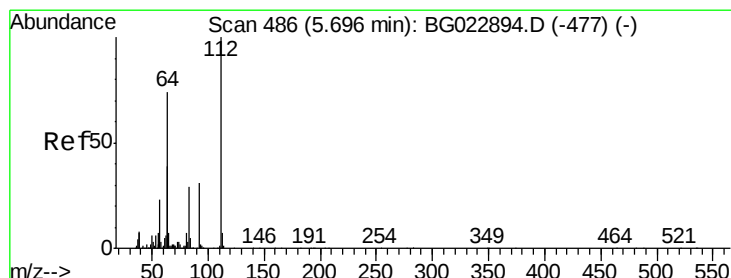
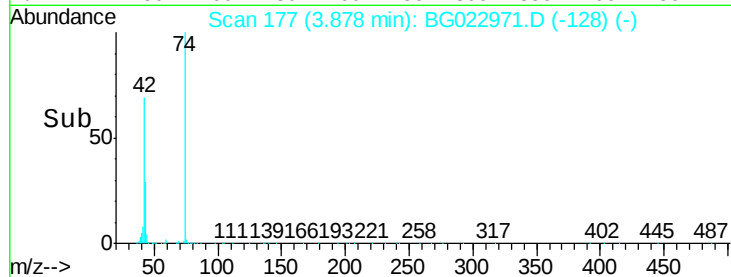
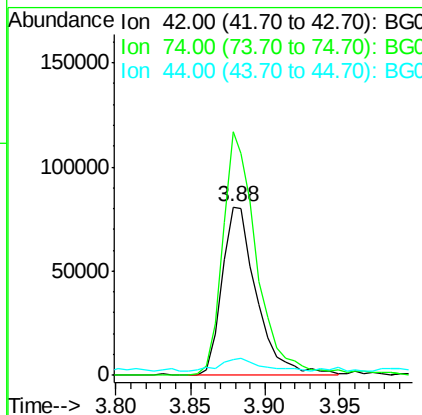
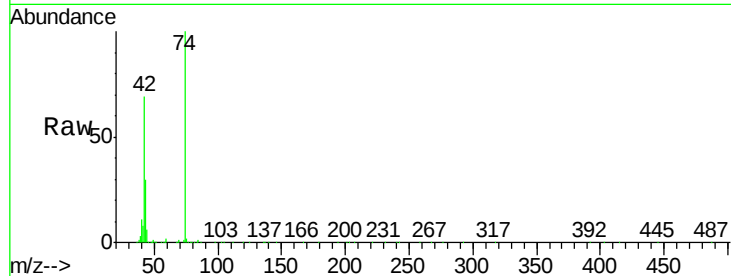
#4

n-Nitrosodimethylamine
 Concen: 41.33 ng
 RT: 3.88 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91968BS

Tgt Ion:	42	Resp:	131254
Ion	Ratio	Lower	Upper
42	100		
74	144.6	100.6	150.8
44	9.2	4.5	6.7#

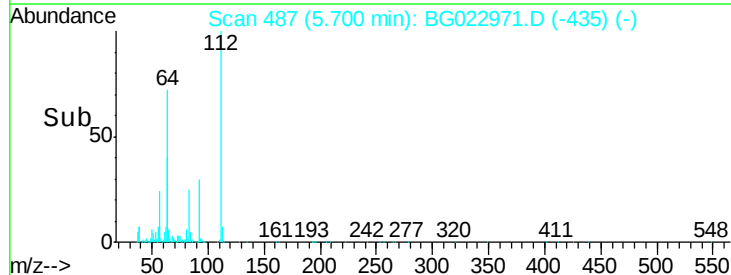
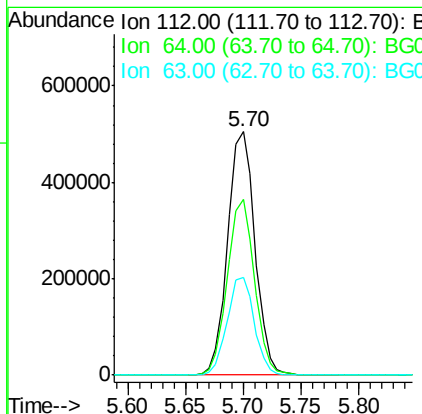
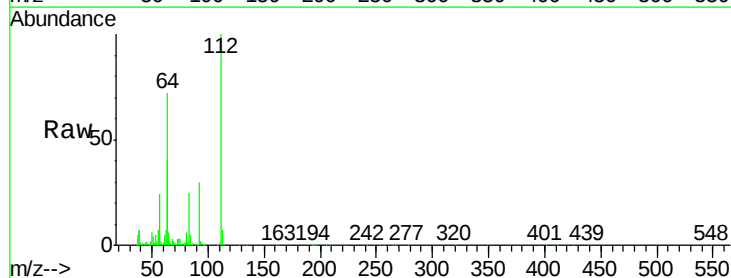
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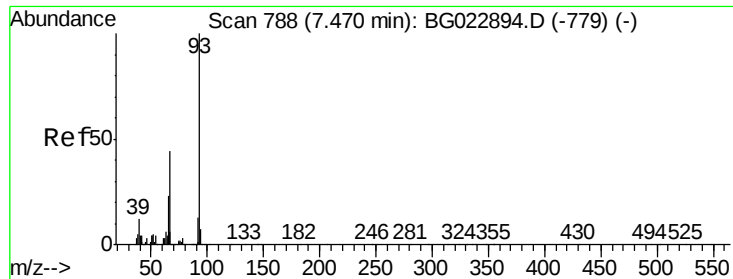


#5

2-Fluorophenol
 Concen: 149.09 ng
 RT: 5.70 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Tgt Ion:	112	Resp:	829695
Ion	Ratio	Lower	Upper
112	100		
64	72.2	59.0	88.4
63	40.4	37.8	56.8





#6

Aniline

Concen: 34.57 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

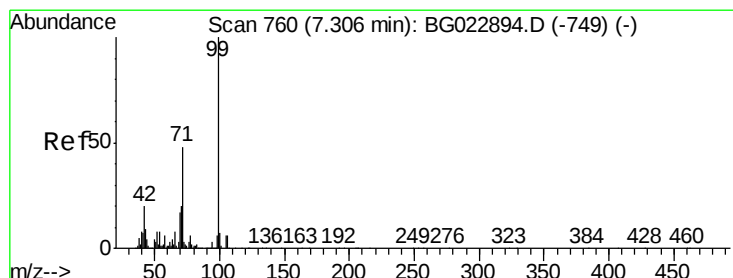
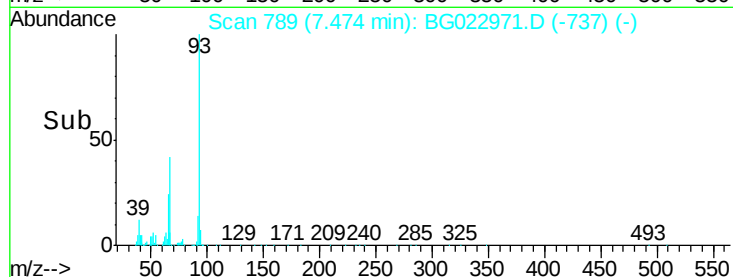
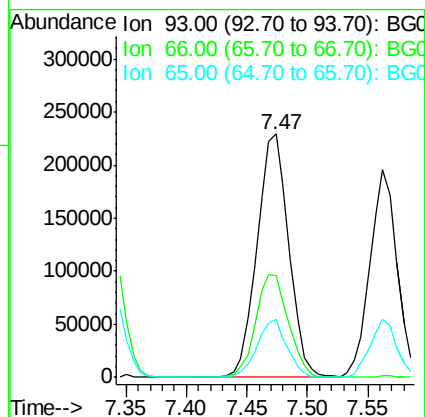
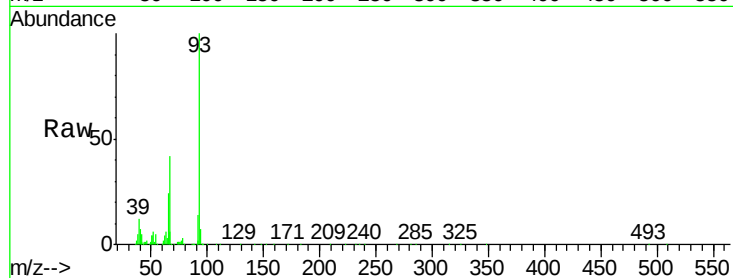
ClientSampleID :

PB91968BS

Tgt Ion:	93	Resp:	417634
Ion	Ratio	Lower	Upper
93	100		
66	41.9	37.5	56.3
65	23.7	17.9	26.9

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#7

Phenol-d6

Concen: 147.00 ng

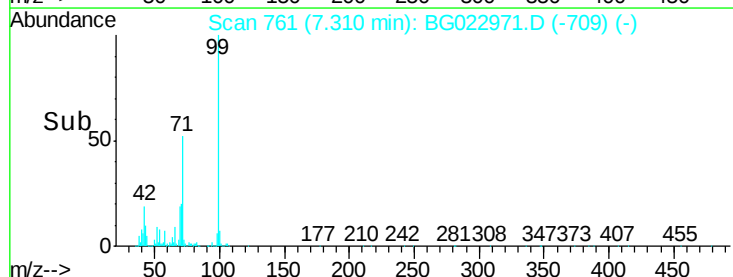
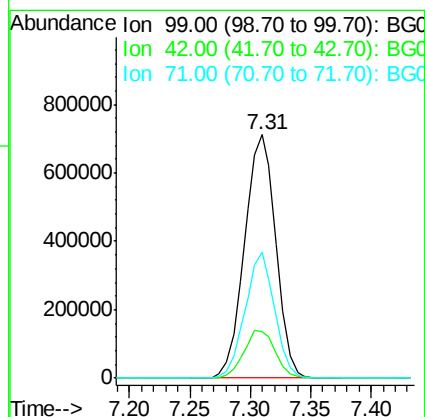
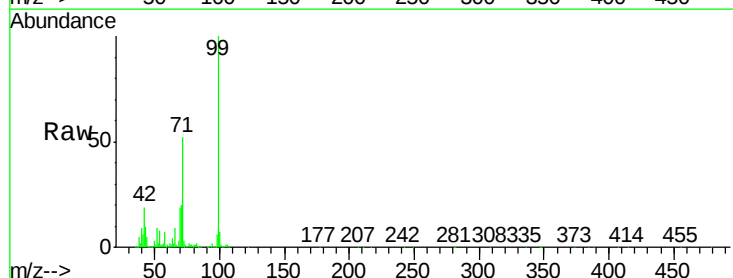
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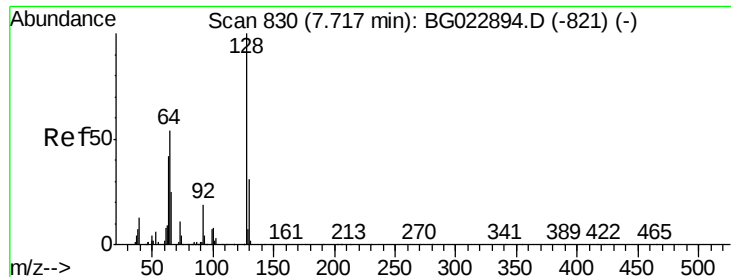
Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Tgt Ion:	99	Resp:	1281355
Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.8	26.6
71	51.8	41.5	62.3





#8

2-Chlorophenol

Concen: 50.11 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampleId :

PB91968BS

Tgt Ion:128 Resp: 296777

Ion Ratio Lower Upper

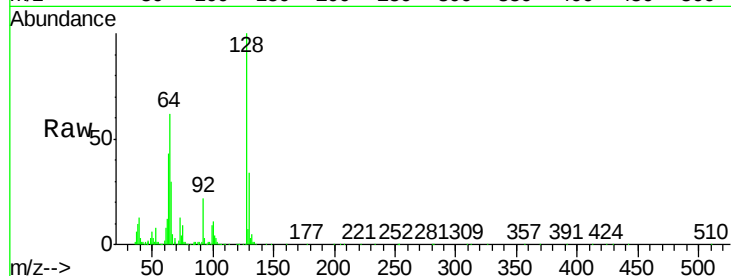
128 100

130 34.0 12.9 52.9

64 62.2 42.0 82.0

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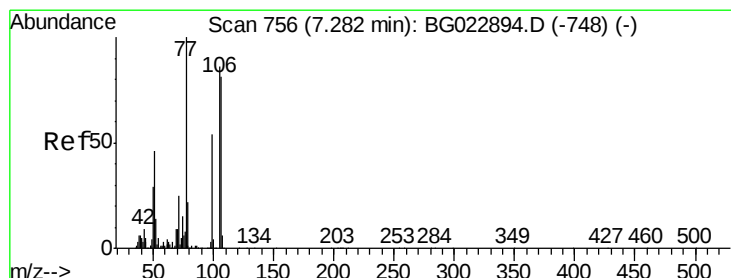
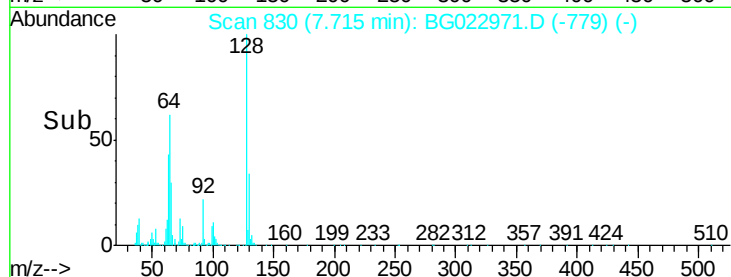
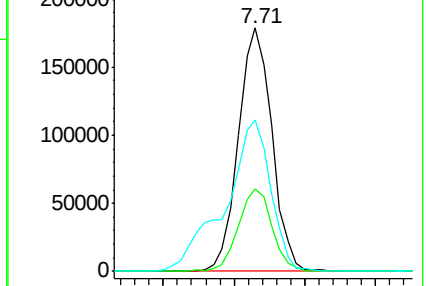
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 41.95 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

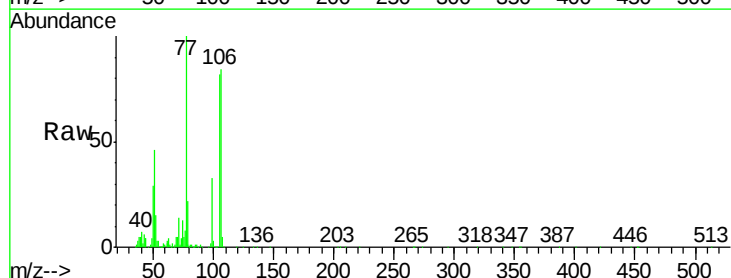
Tgt Ion: 77 Resp: 244351

Ion Ratio Lower Upper

77 100

105 81.5 58.7 98.7

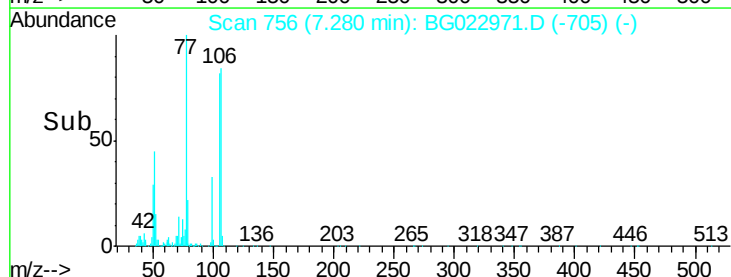
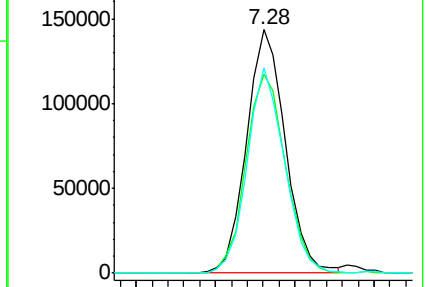
106 84.3 67.5 107.5

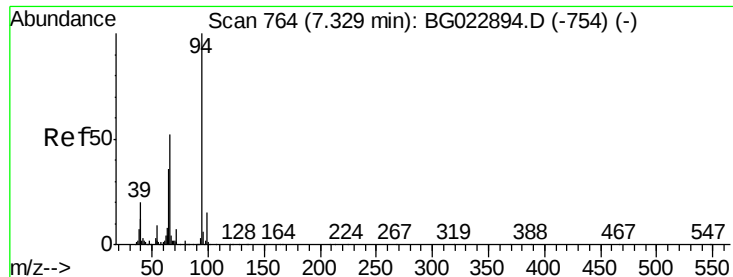


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 52.04 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampleId :

PB91968BS

Tgt Ion: 94 Resp: 466724

Ion Ratio Lower Upper

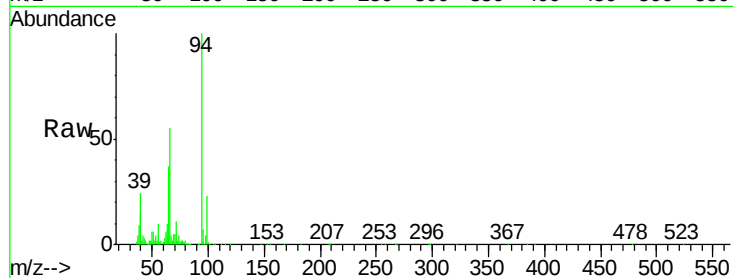
94 100

65 36.8 18.1 58.1

66 55.0 42.1 82.1

SOHIL

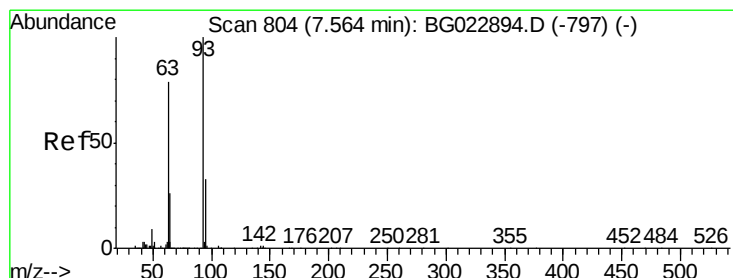
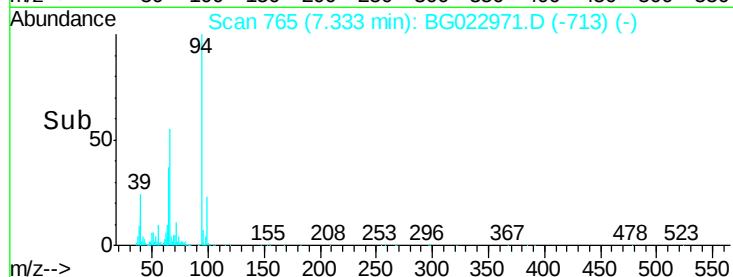
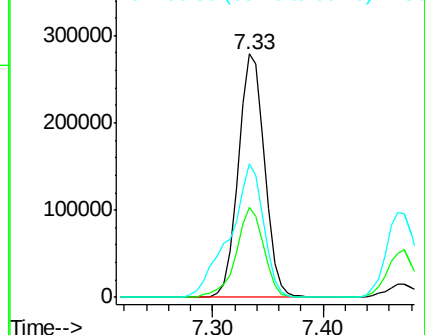
7/11/2016 6:46:40 AM



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 42.86 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

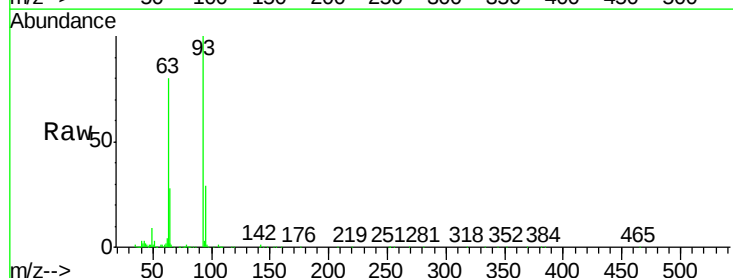
Tgt Ion: 93 Resp: 304647

Ion Ratio Lower Upper

93 100

63 79.8 55.0 95.0

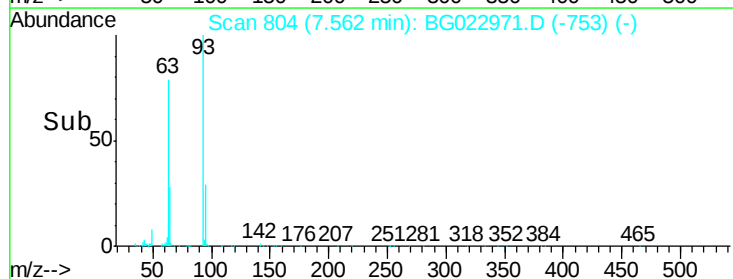
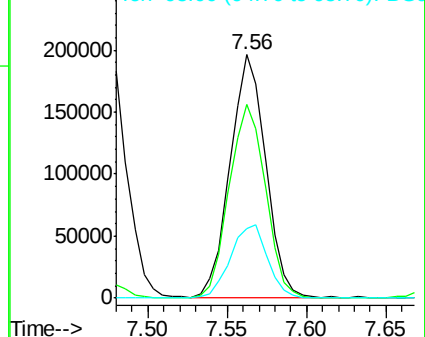
95 28.8 11.0 51.0

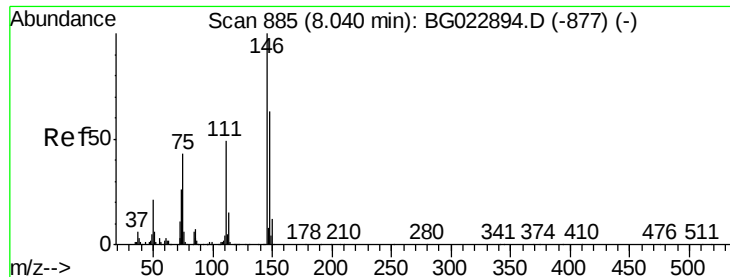


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 41.48 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

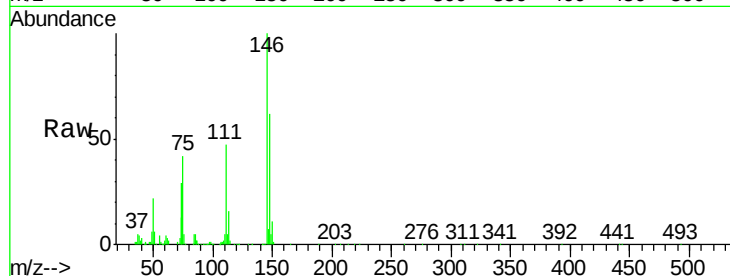
ClientSampleId :

PB91968BS

Tgt Ion:	146	Resp:	300711
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.3	75.5
75	42.2	37.0	55.6

SOHIL

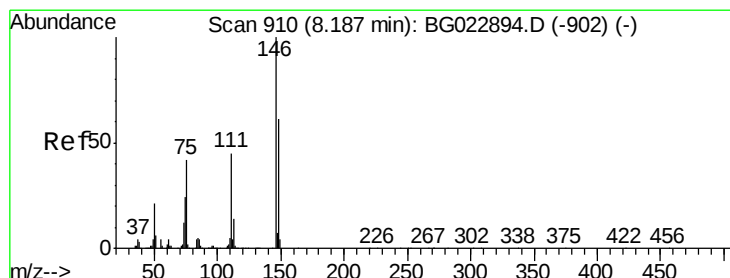
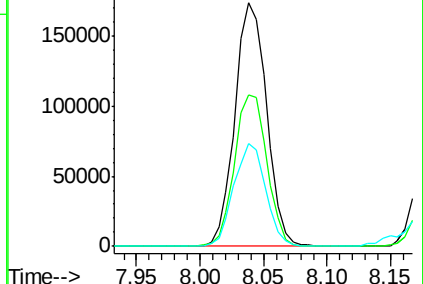
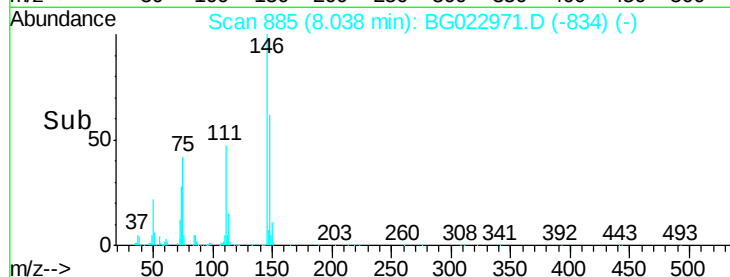
7/11/2016 6:46:40 AM



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): B



#13

1,4-Dichlorobenzene

Concen: 41.15 ng

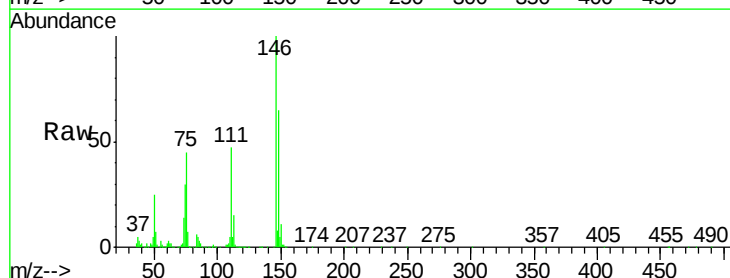
RT: 8.19 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

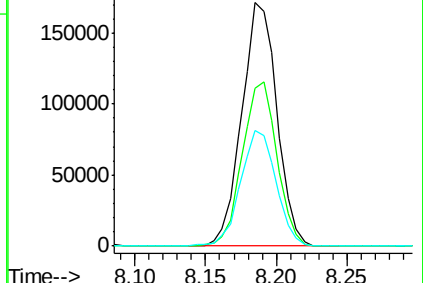
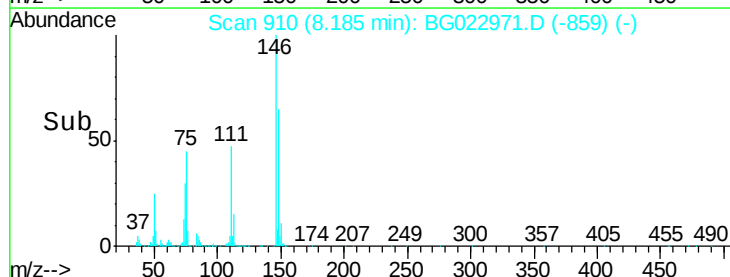
Tgt Ion:	146	Resp:	298667
Ion Ratio	Lower	Upper	
146	100		
148	64.9	54.5	81.7
111	47.2	37.8	56.8

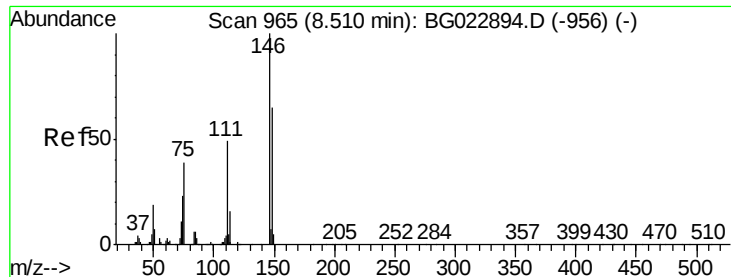


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 41.71 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampleId :

PB91968BS

Tgt Ion:146 Resp: 300923

Ion Ratio Lower Upper

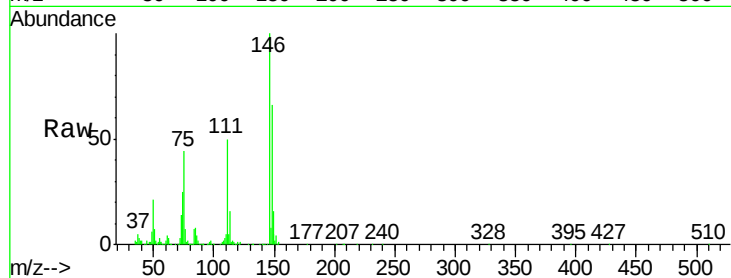
146 100

148 65.9 52.9 79.3

111 50.1 43.5 65.3

SOHIL

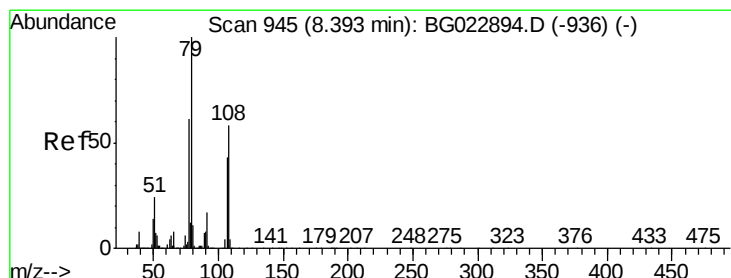
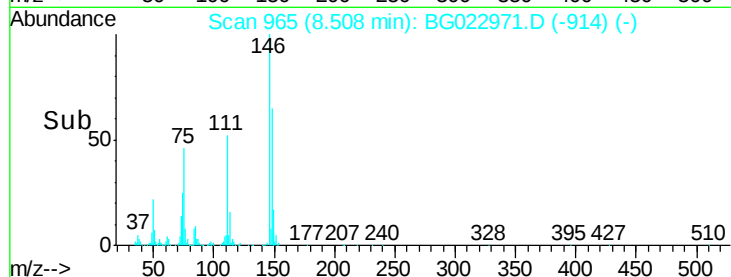
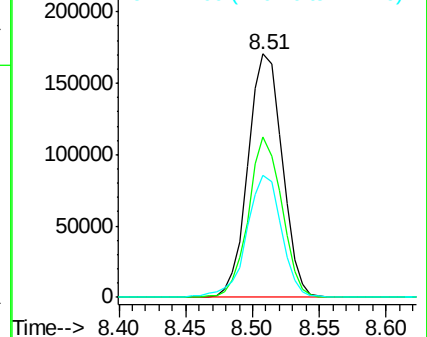
7/11/2016 6:46:40 AM



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



#15

Benzyl Alcohol

Concen: 51.06 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

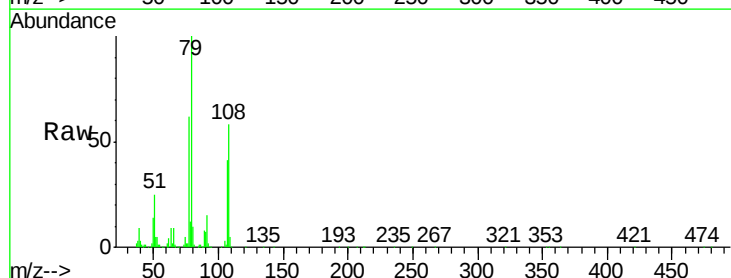
Tgt Ion: 79 Resp: 407597

Ion Ratio Lower Upper

79 100

108 58.3 46.5 69.7

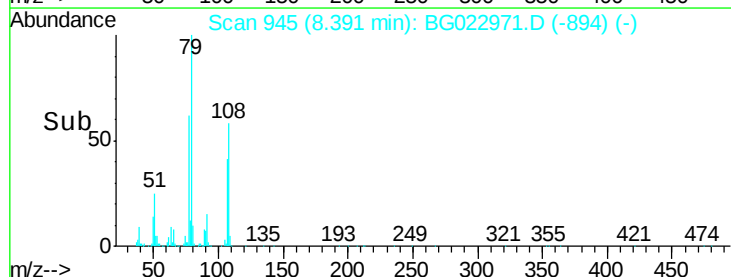
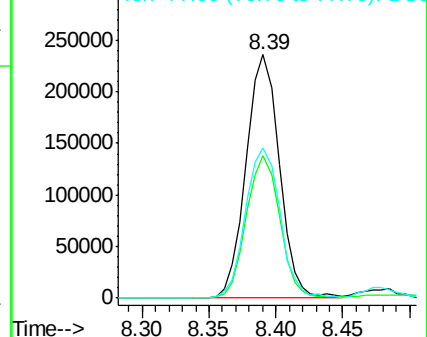
77 61.6 52.3 78.5

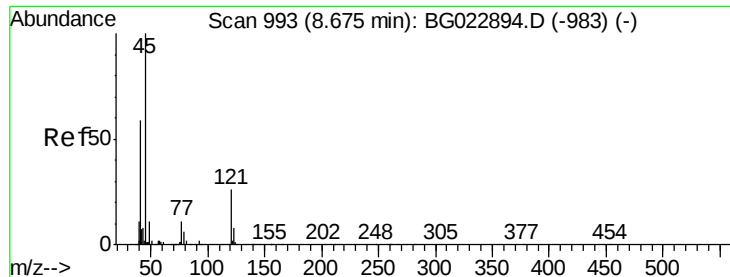


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC



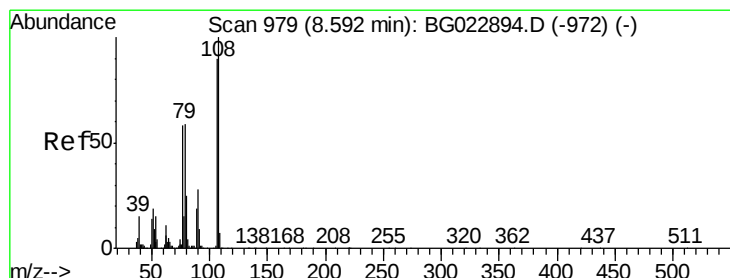
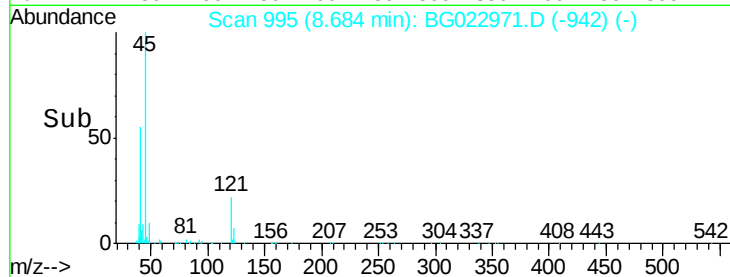
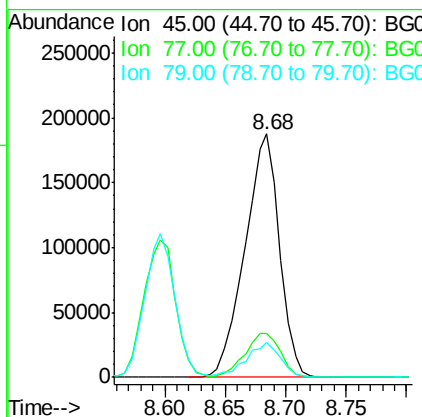
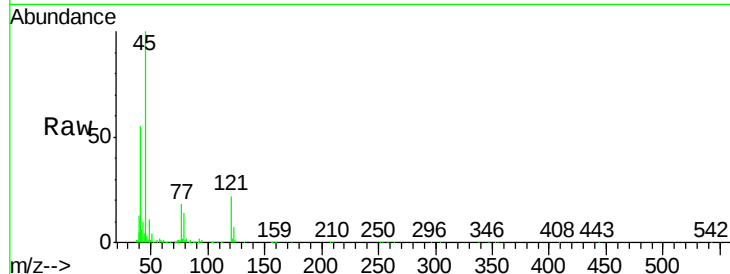


#16
2,2'-oxybis(1-chloropropane)
Concen: 42.84 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

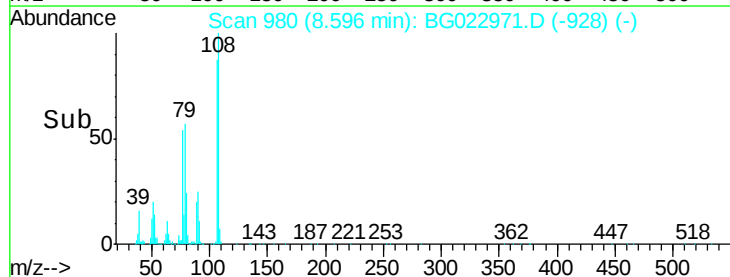
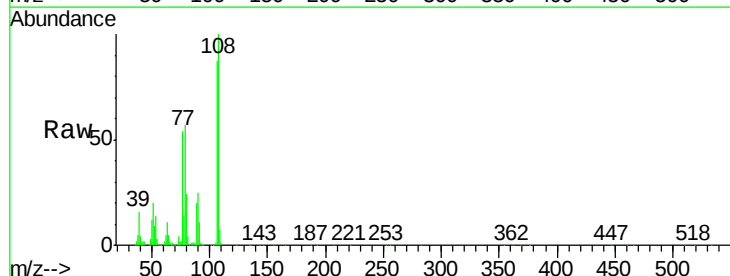
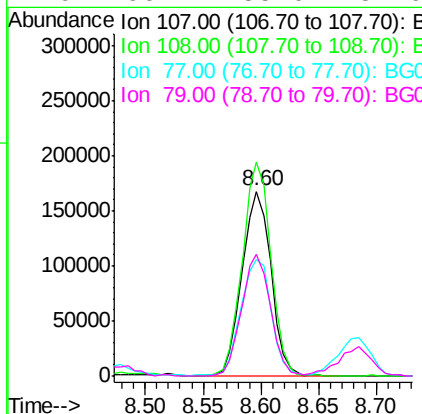
Tgt Ion:	45	Resp:	371961
Ion Ratio	Lower	Upper	
45	100		
77	18.3	0.6	40.6
79	14.1	0.0	36.2

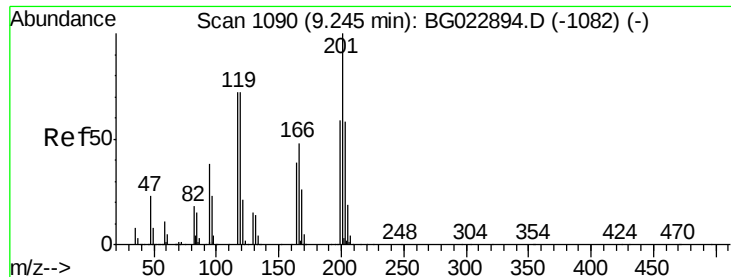
SOHIL
7/11/2016 6:46:40 AM



#17
2-Methylphenol
Concen: 50.45 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:	107	Resp:	294513
Ion Ratio	Lower	Upper	
107	100		
108	115.5	92.0	138.0
77	62.9	55.8	83.6
79	66.1	55.0	82.6



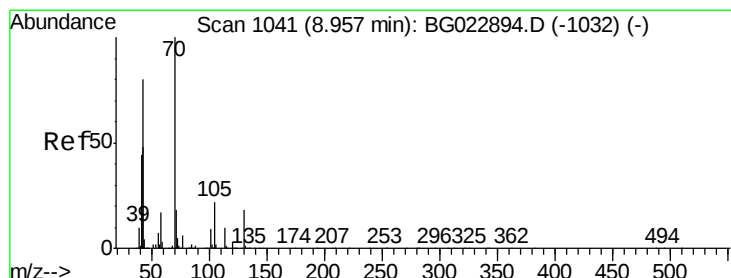
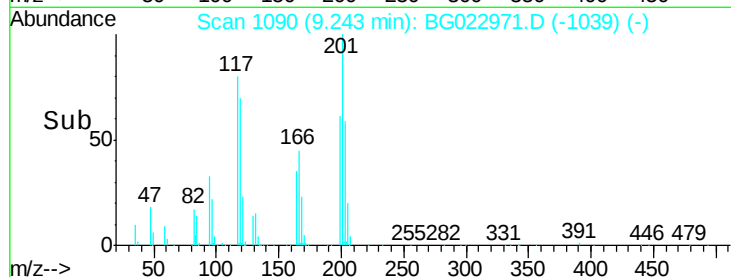
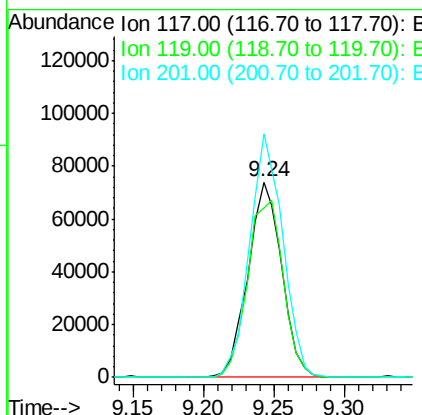
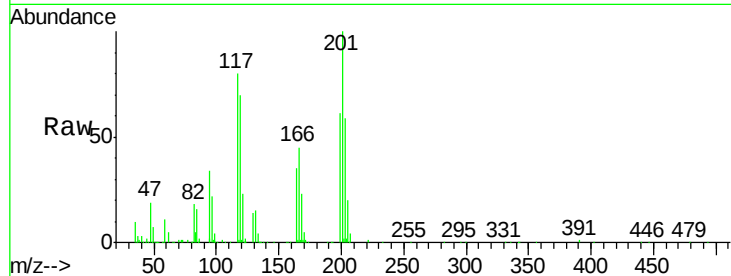


#18
Hexachloroethane
Concen: 40.47 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

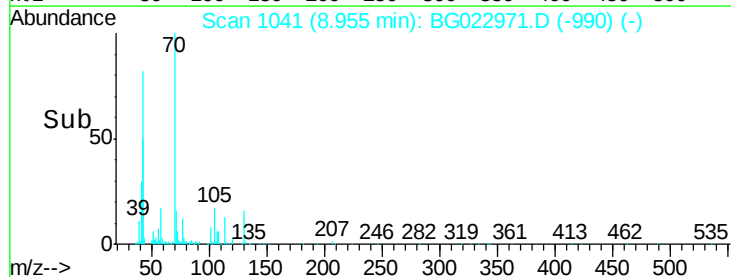
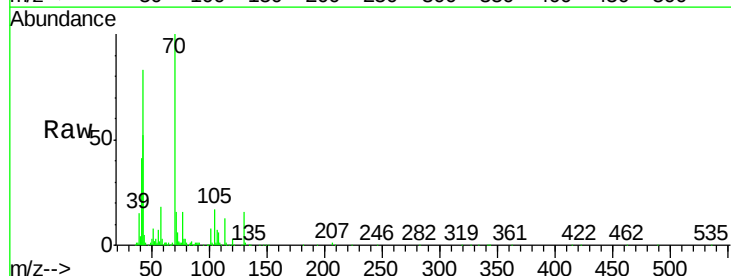
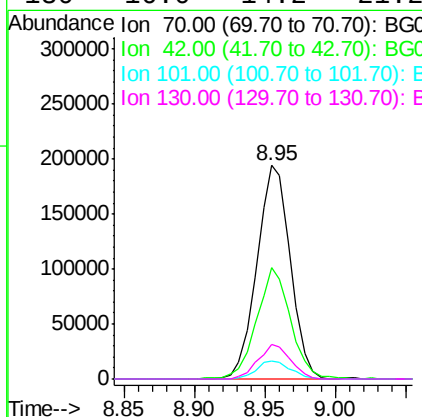
Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.8	73.7	110.5
201	124.6	88.7	133.1

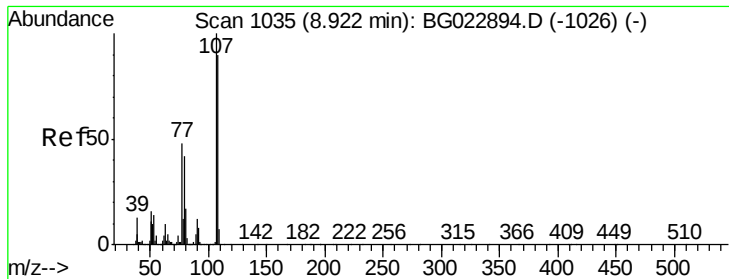
SOHIL
7/11/2016 6:46:40 AM



#19
n-Nitroso-di-n-propylamine
Concen: 41.15 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.1	63.1
101	8.3	7.2	10.8
130	16.0	14.2	21.2





#20

3+4-Methylphenols

Concen: 51.85 ng

RT: 8.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

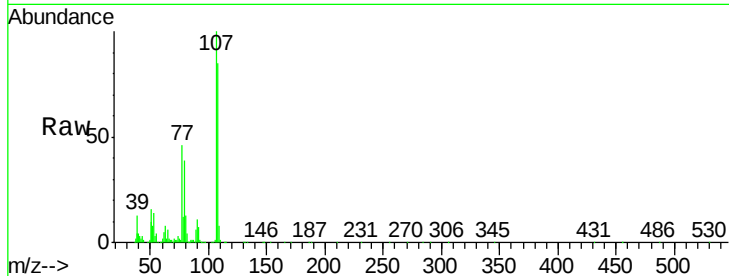
ClientSampleId :

PB91968BS

Tgt Ion:	107	Resp:	422180
Ion Ratio	Lower	Upper	
107	100		
108	85.1	72.5	112.5
77	45.9	30.1	70.1
79	39.1	24.2	64.2

SOHIL

7/11/2016 6:46:40 AM



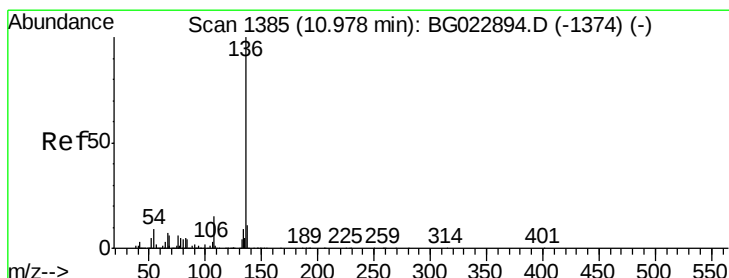
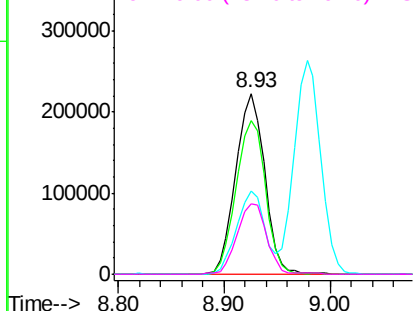
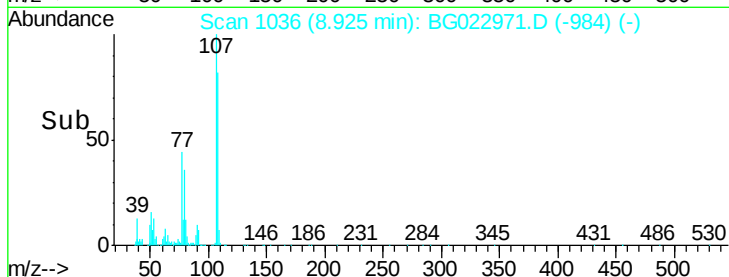
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Tgt Ion:	136	Resp:	400730
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.6	14.4
54	9.0	7.3	10.9
68	5.4	5.3	7.9

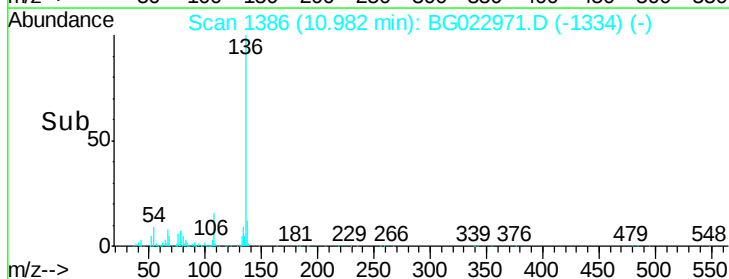
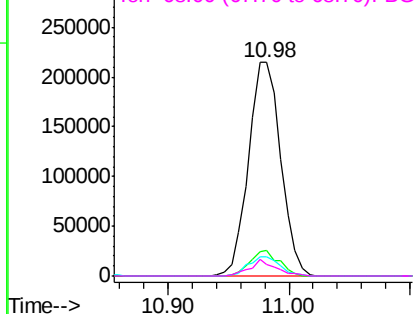
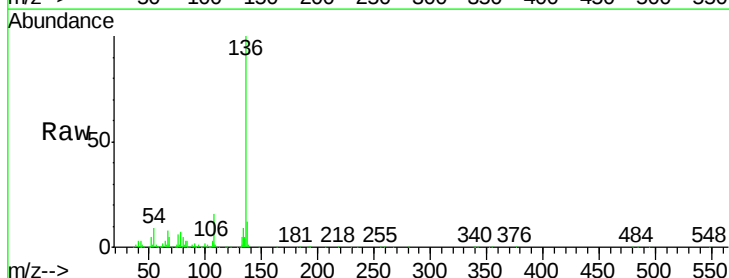
Abundance

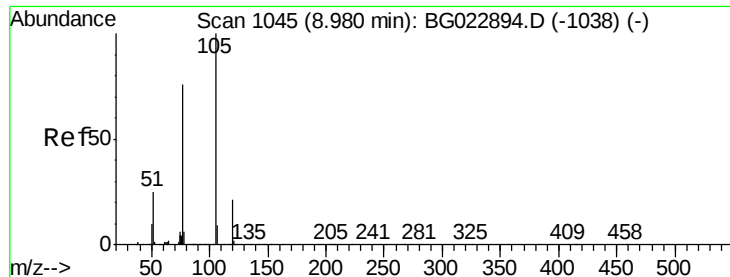
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 44.44 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

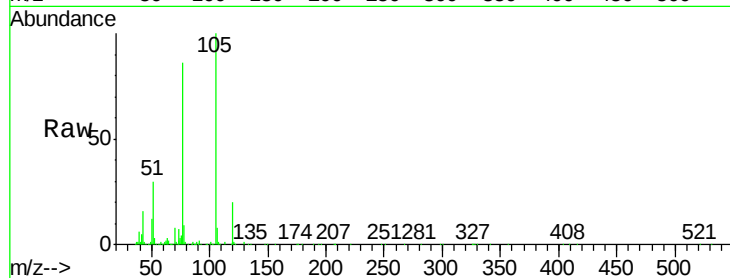
ClientSampleId :

PB91968BS

Tgt Ion:	105	Resp:	534475
Ion Ratio	Lower	Upper	
105	100		
71	1.3	2.6	3.8#
51	29.8	27.1	40.7
120	19.9	15.1	22.7

SOHIL

7/11/2016 6:46:40 AM

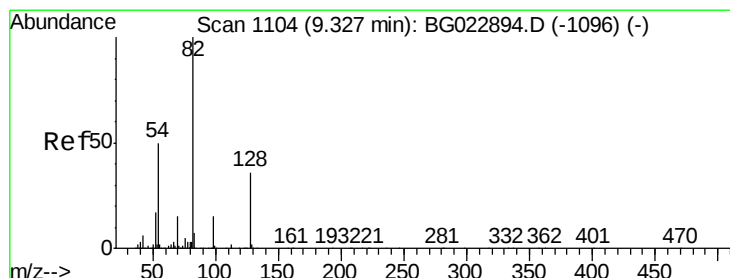
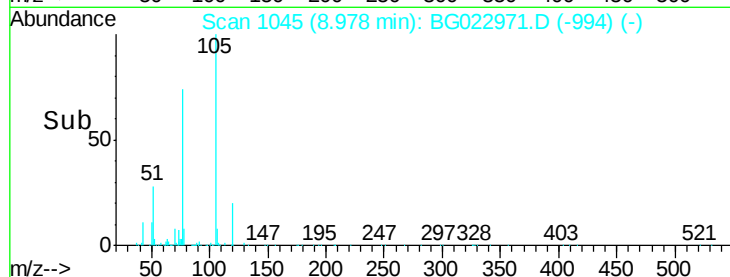
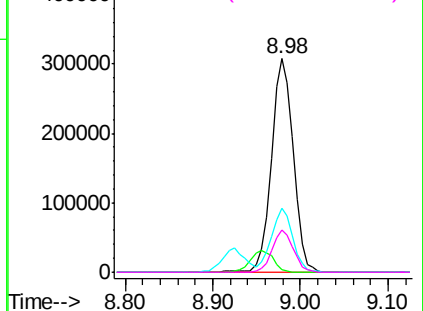


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 97.51 ng

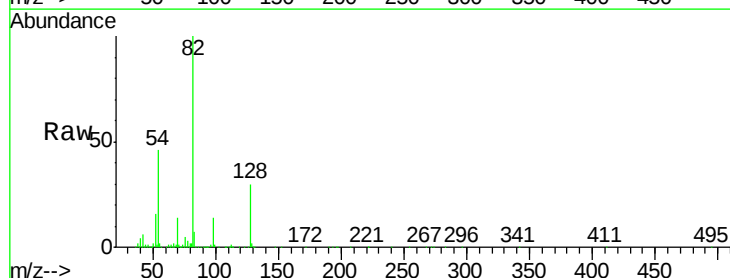
RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

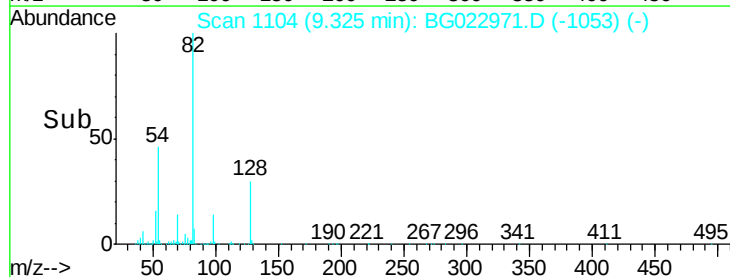
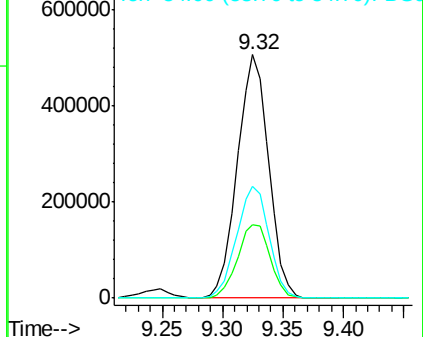
Tgt Ion:	82	Resp:	912516
Ion Ratio	Lower	Upper	
82	100		
128	30.0	24.4	36.6
54	45.7	41.4	62.0

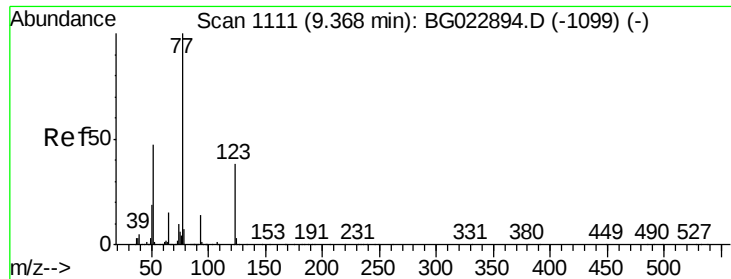


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



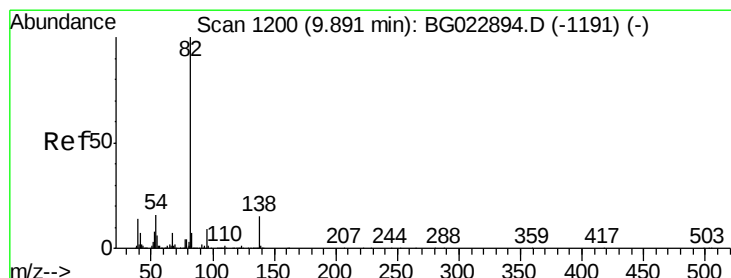
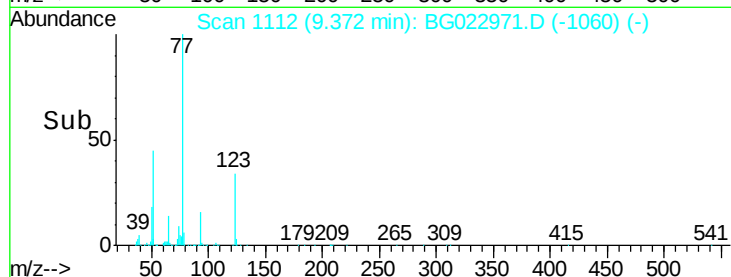
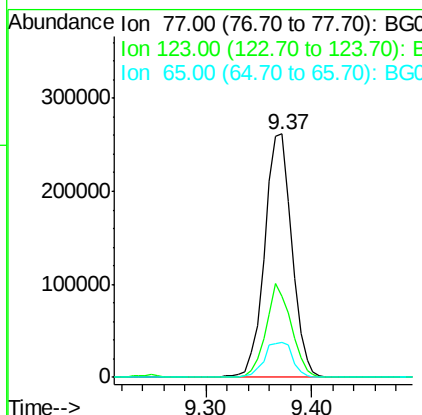
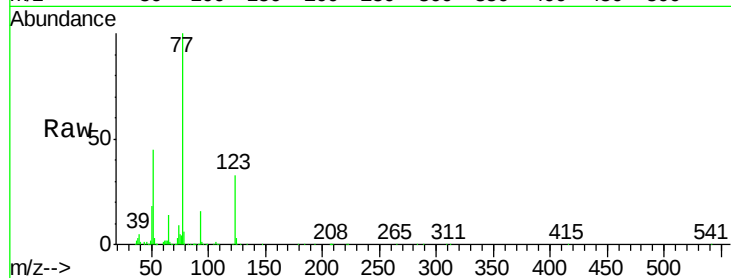


#24
 Nitrobenzene
 Concen: 46.89 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91968BS

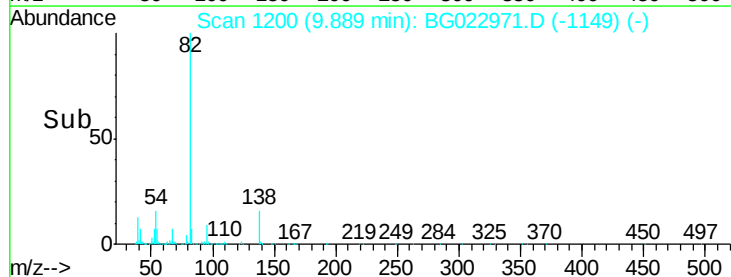
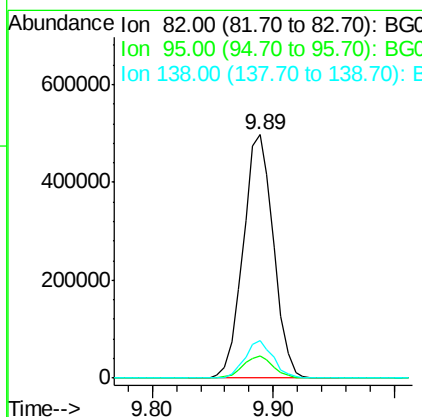
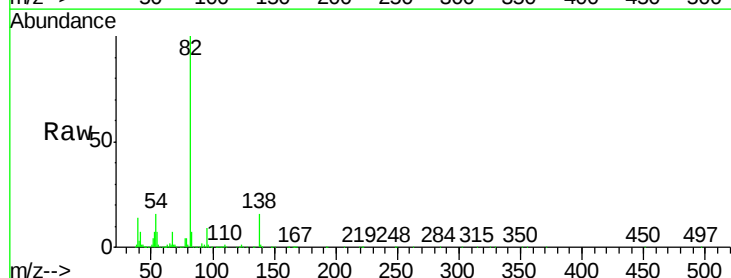
Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.5	25.0	37.6
65	14.3	13.4	20.0

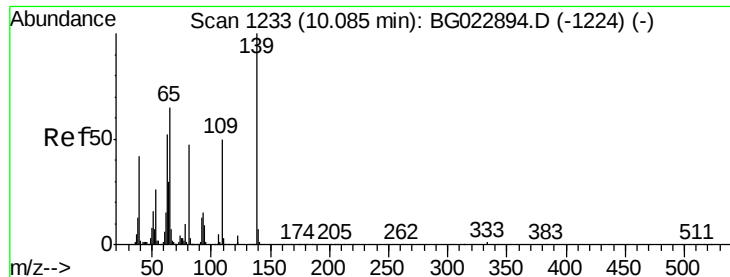
SOHIL
 7/11/2016 6:46:40 AM



#25
 Isophorone
 Concen: 46.15 ng
 RT: 9.89 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.2	8.2	12.2
138	15.5	10.7	16.1



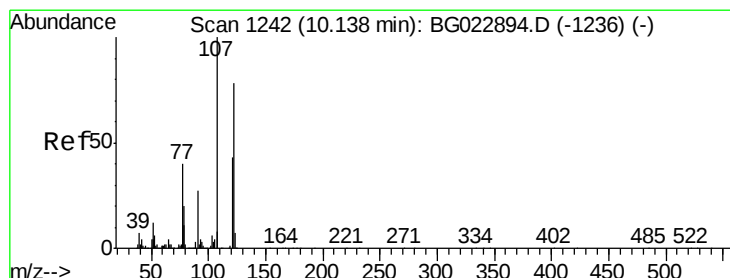
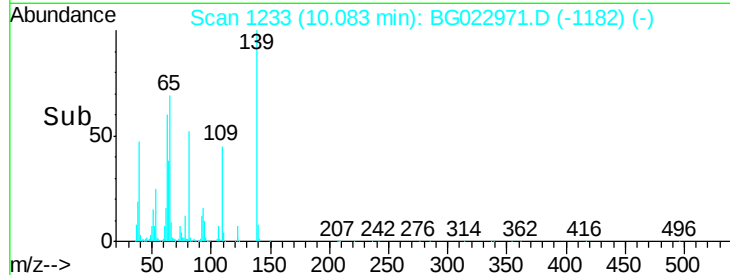
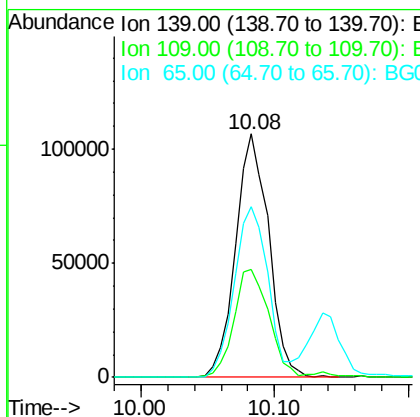
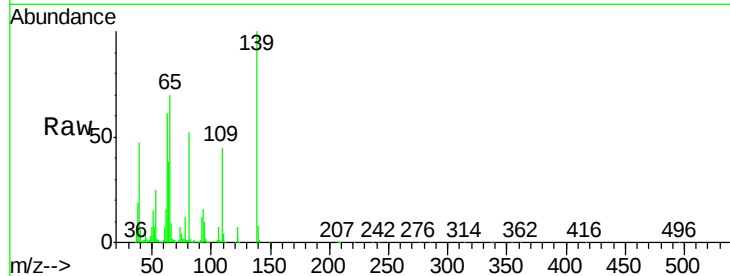


#26
2-Nitrophenol
Concen: 46.84 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampled :
PB91968BS

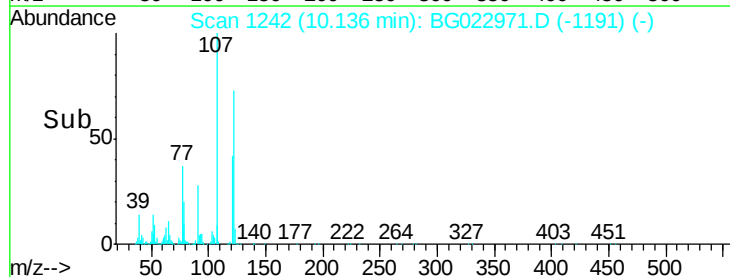
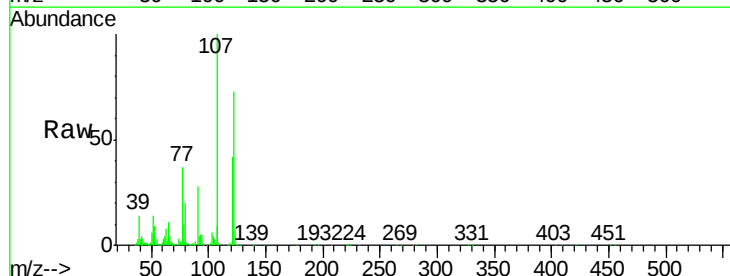
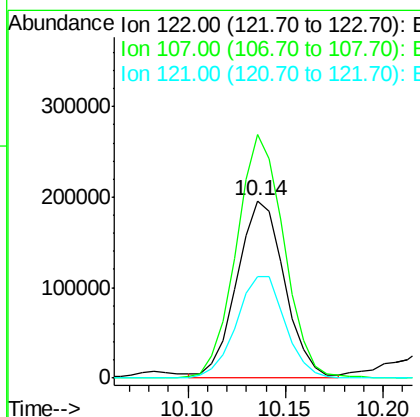
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	182789		
109	44.5	43.5	65.3	
65	69.9	64.3	96.5	

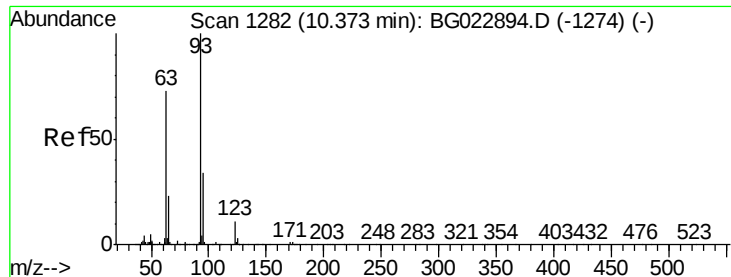
SOHIL
7/11/2016 6:46:40 AM



#27
2,4-Dimethylphenol
Concen: 48.92 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	329999		
107	137.5	117.0	175.4	
121	57.4	50.1	75.1	





#28

bis(2-Chloroethoxy)methane

Concen: 45.55 ng

RT: 10.37 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampleId :

PB91968BS

Tgt Ion: 93 Resp: 478189

Ion Ratio Lower Upper

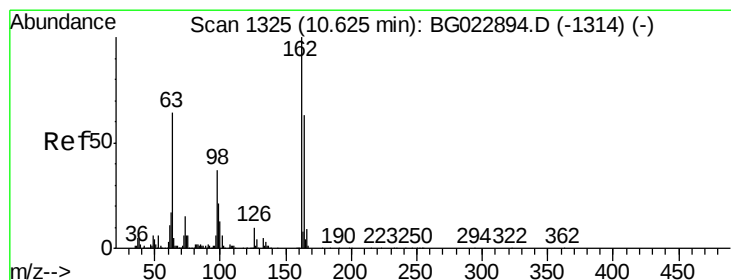
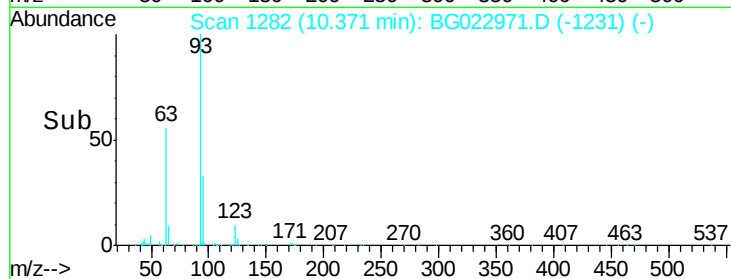
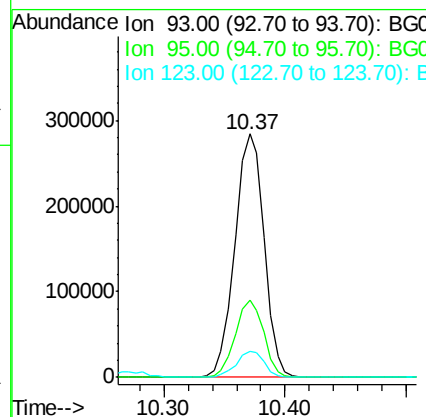
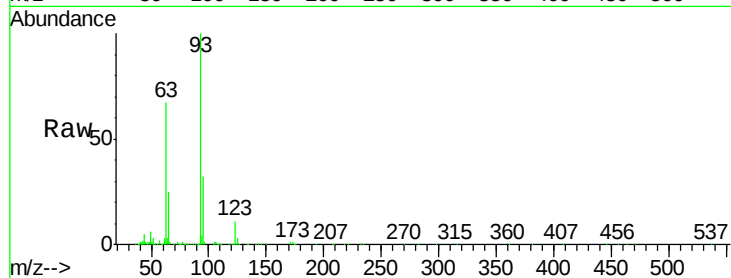
93 100

95 31.9 25.4 38.2

123 10.5 8.2 12.2

SOHIL

7/11/2016 6:46:40 AM



#29

2,4-Dichlorophenol

Concen: 51.60 ng

RT: 10.62 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

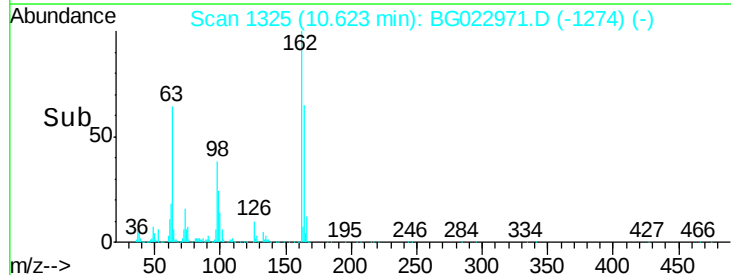
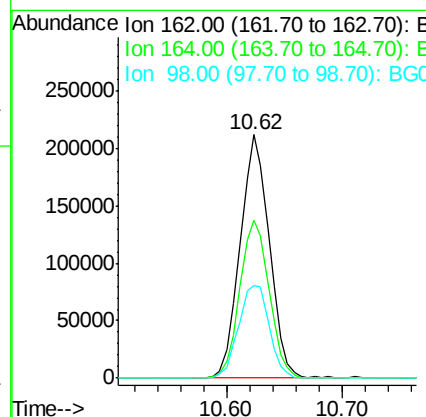
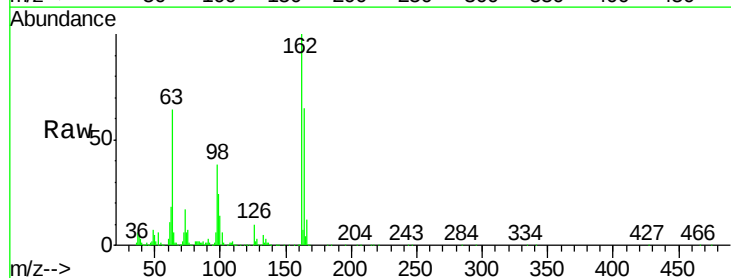
Tgt Ion: 162 Resp: 371188

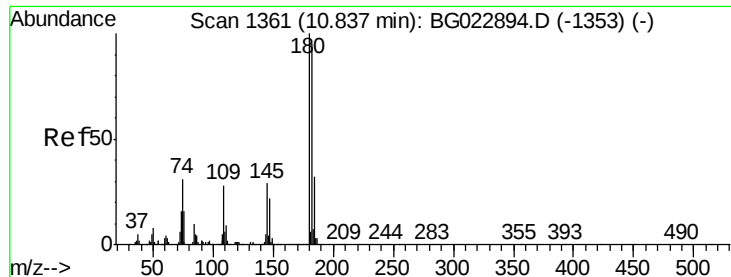
Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

98 37.9 19.5 59.5



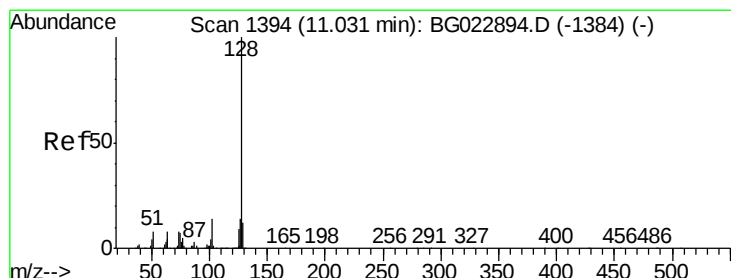
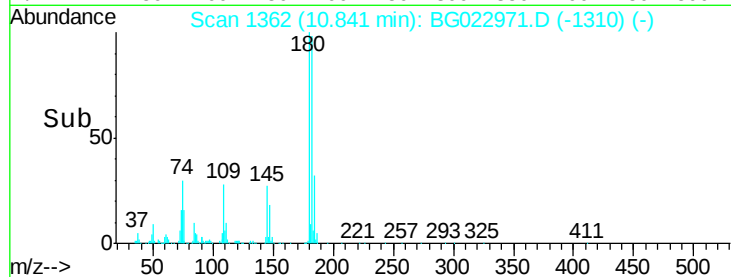
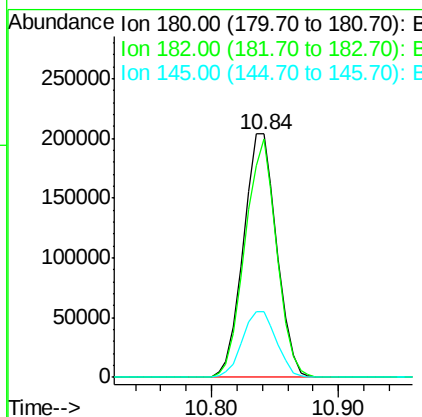
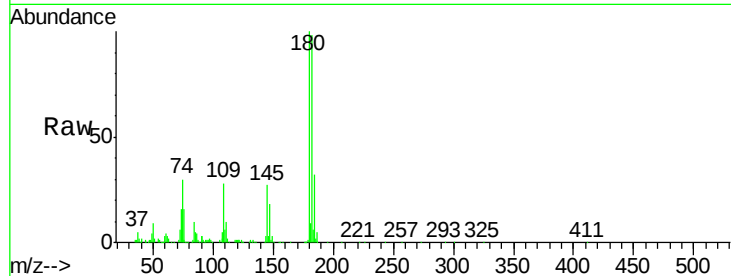


#30
1,2,4-Trichlorobenzene
Concen: 45.01 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampled :
PB91968BS

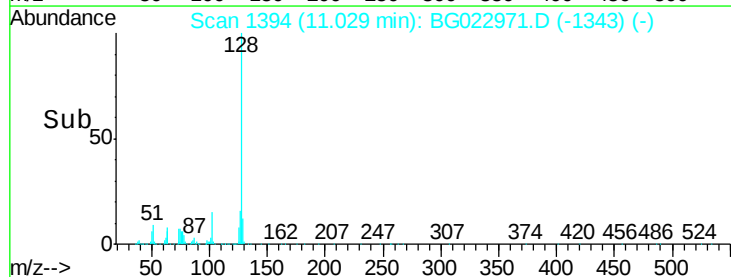
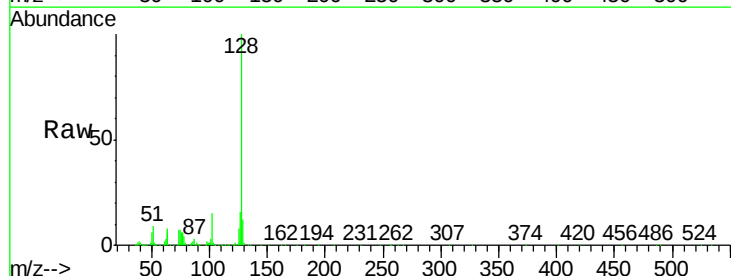
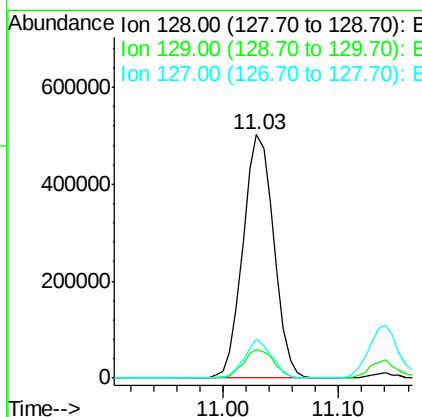
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	73.8	110.8
145	27.2	24.4	36.6

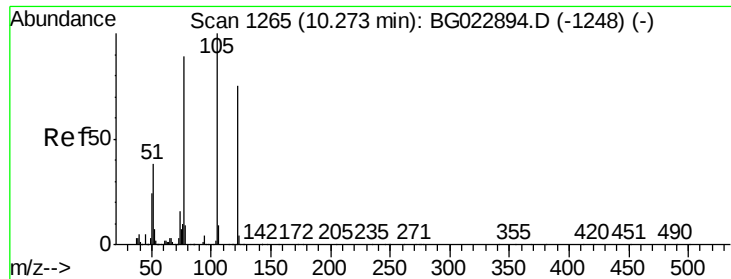
SOHIL
7/11/2016 6:46:40 AM



#31
Naphthalene
Concen: 45.72 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	15.8	11.3	16.9



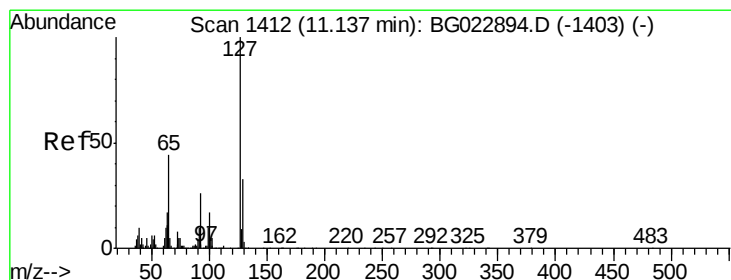
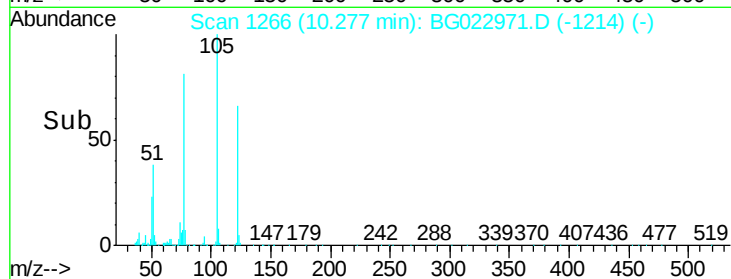
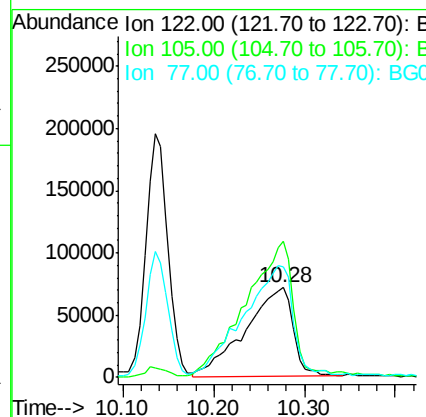
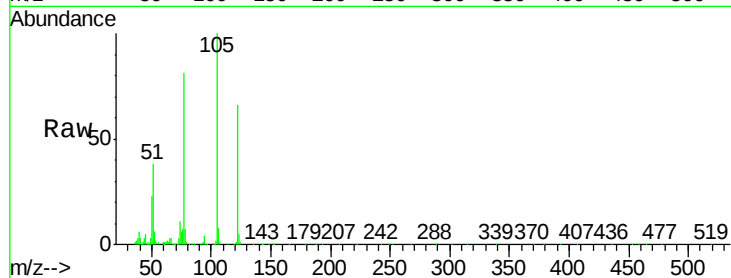


#32
Benzoic acid
Concen: 42.65 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

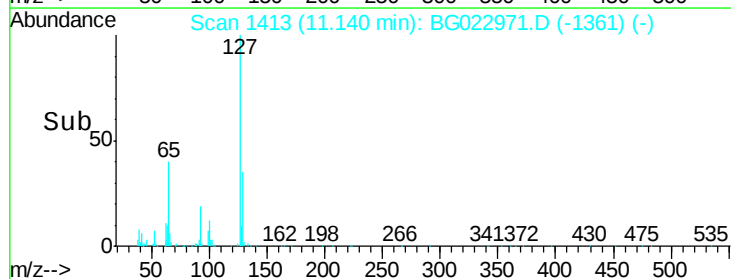
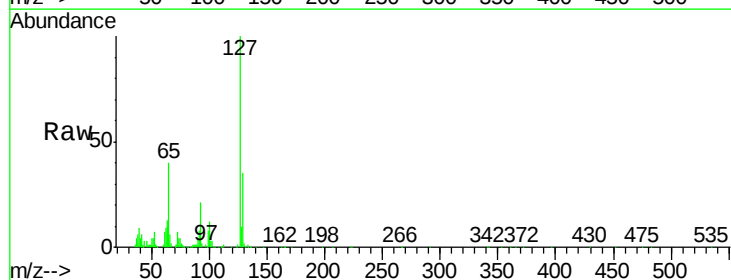
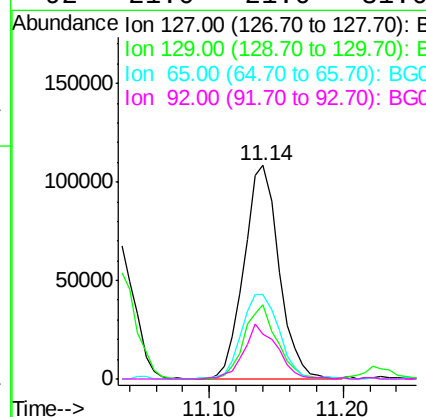
Tgt Ion	Ratio	Lower	Upper
122	100		
105	152.2	117.2	157.2
77	122.6	109.2	149.2

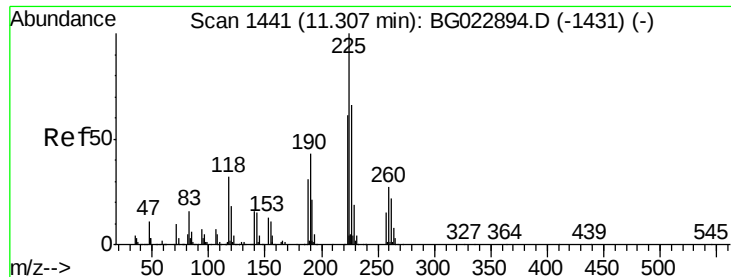
SOHIL
7/11/2016 6:46:40 AM



#33
4-Chloroaniline
Concen: 19.73 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.7	27.9	41.9
65	39.8	36.8	55.2
92	21.0	21.0	31.6#



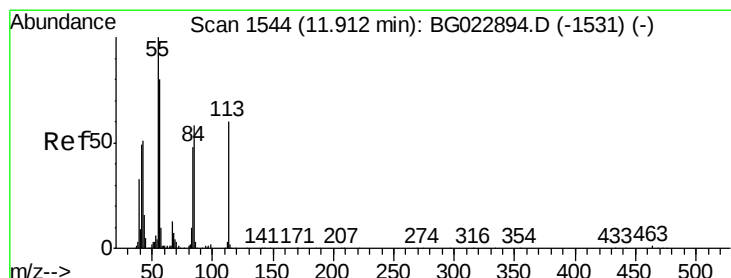
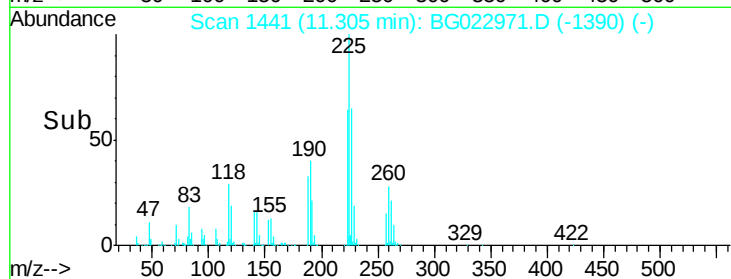
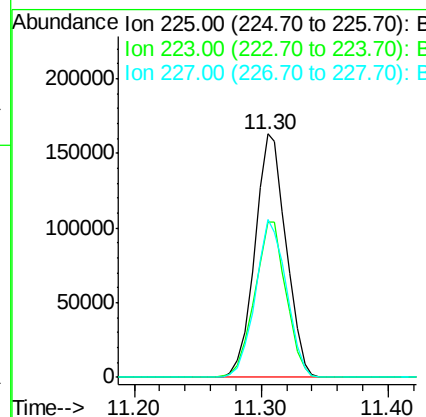
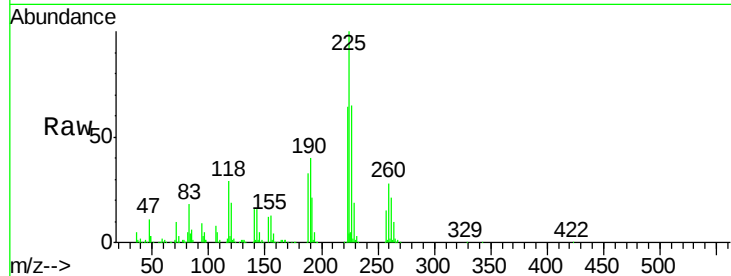


#34
Hexachlorobutadiene
Concen: 41.59 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampled :
PB91968BS

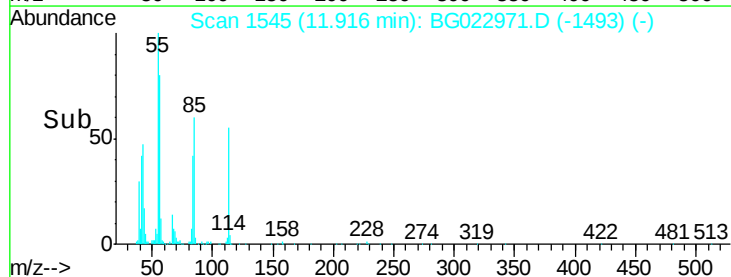
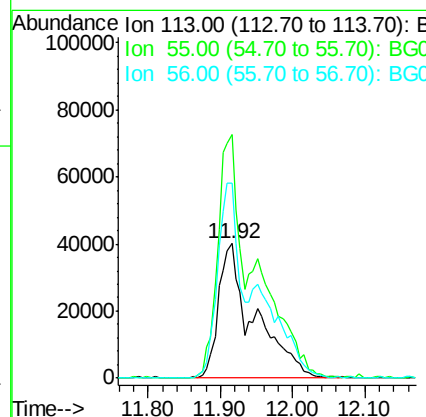
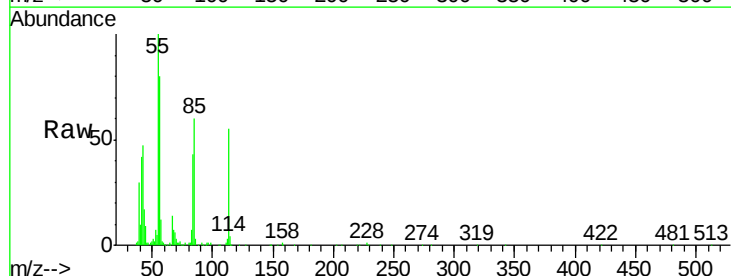
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.6	74.4
227	64.9	54.5	81.7

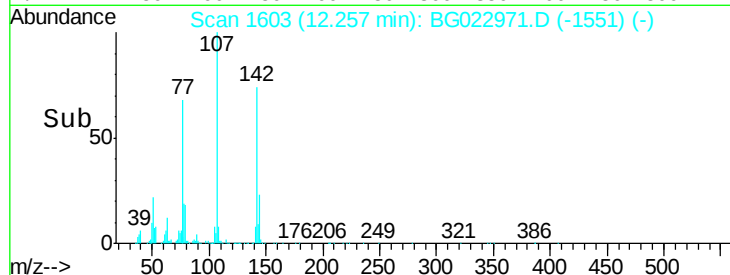
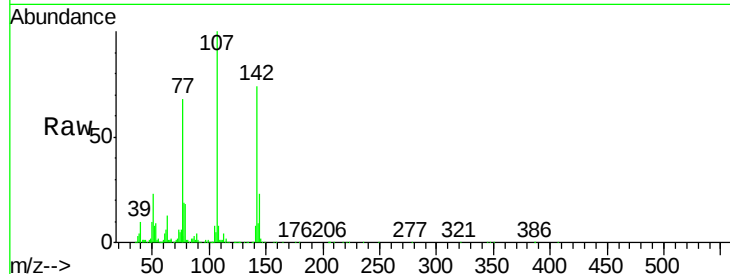
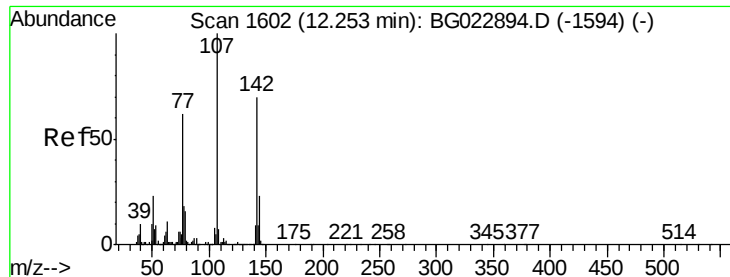
SOHIL
7/11/2016 6:46:40 AM



#35
Caprolactam
Concen: 46.70 ng m
RT: 11.92 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
113	100		
55	181.3	154.5	194.5
56	145.5	125.1	165.1



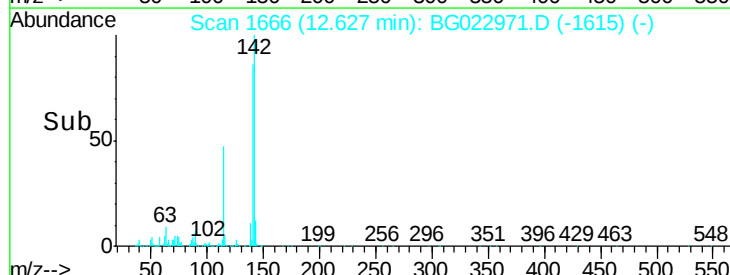
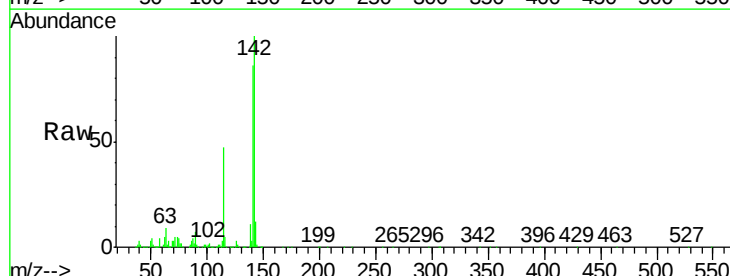
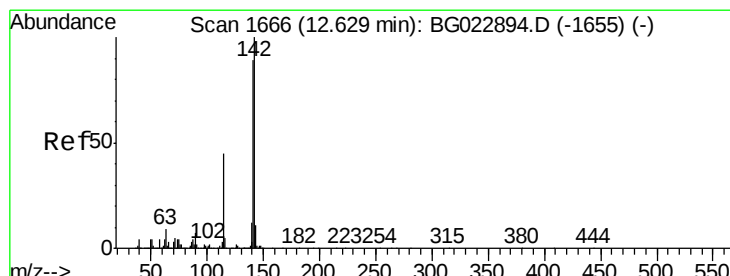
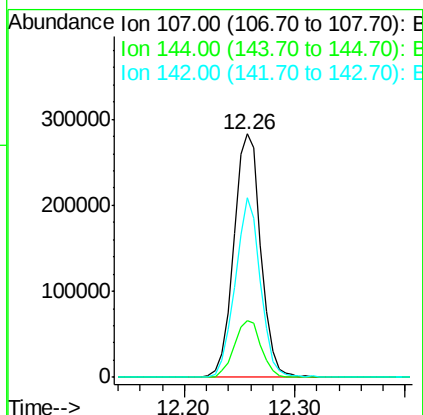


#36
4-Chloro-3-methylphenol
Concen: 49.12 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

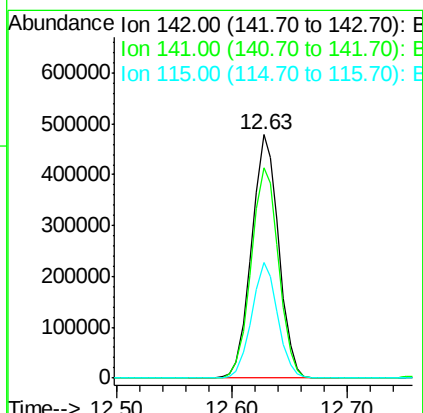
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	17.0	25.6
142	73.8	53.0	79.6

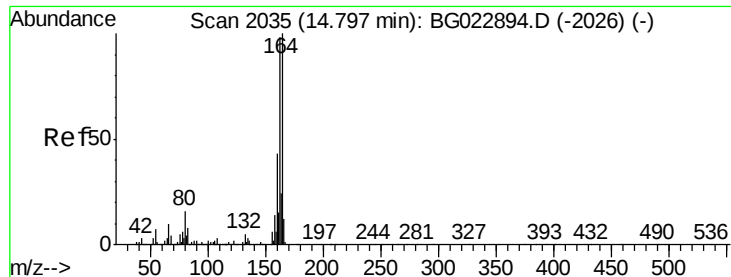
SOHIL
7/11/2016 6:46:40 AM



#37
2-Methylnaphthalene
Concen: 48.53 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.2	105.2
115	47.3	41.7	62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampled :

PB91968BS

Tgt Ion:164 Resp: 325997

Ion Ratio Lower Upper

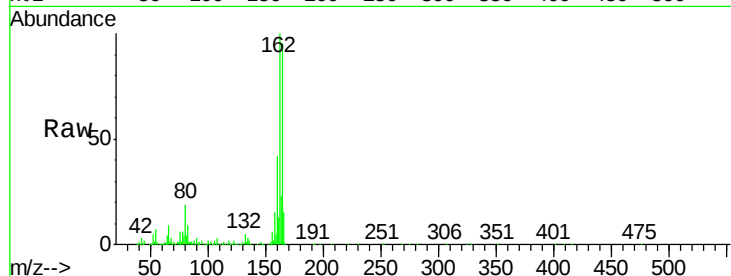
164 100

162 105.0 87.7 131.5

160 43.9 37.2 55.8

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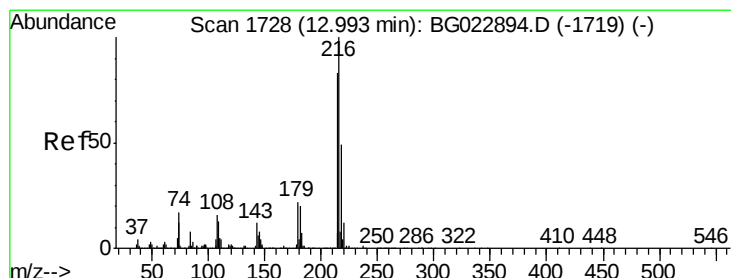
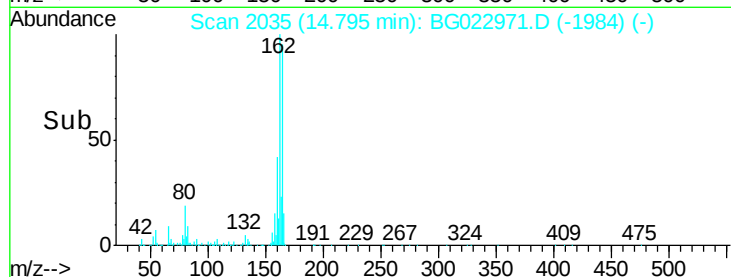
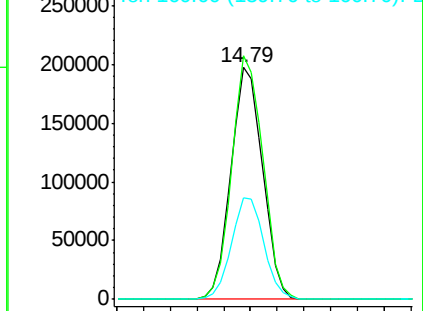
7/11/2016 6:46:40 AM



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.69 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Tgt Ion:216 Resp: 515422

Ion Ratio Lower Upper

216 100

214 78.5 62.9 94.3

179 21.0 17.2 25.8

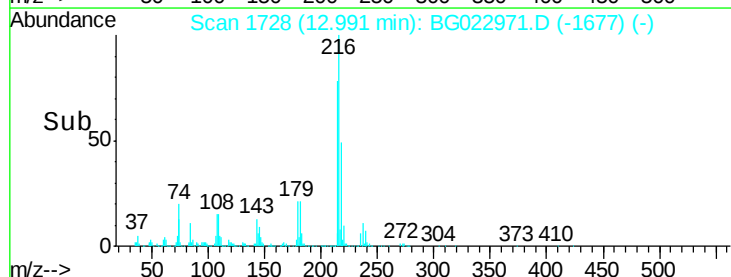
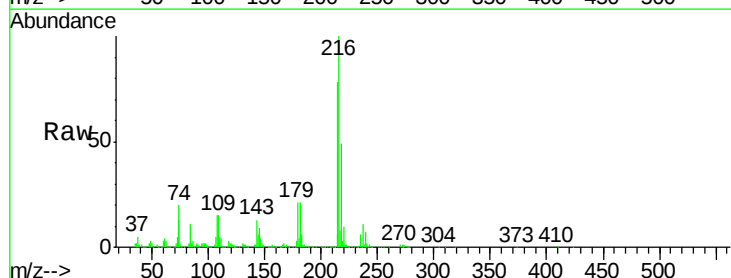
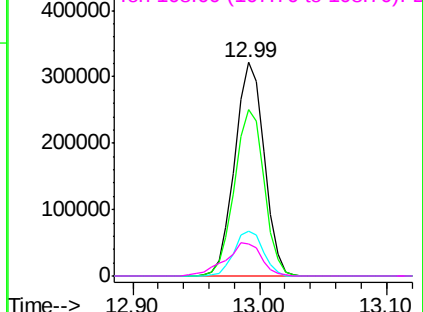
108 19.0 16.3 24.5

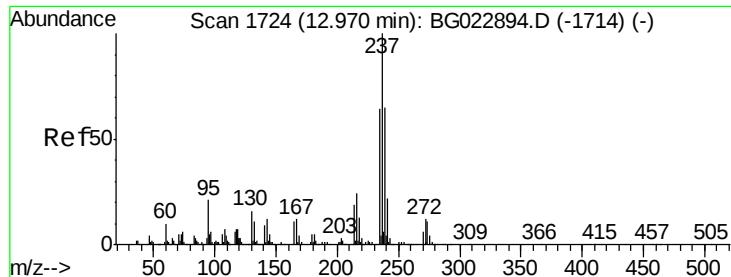
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



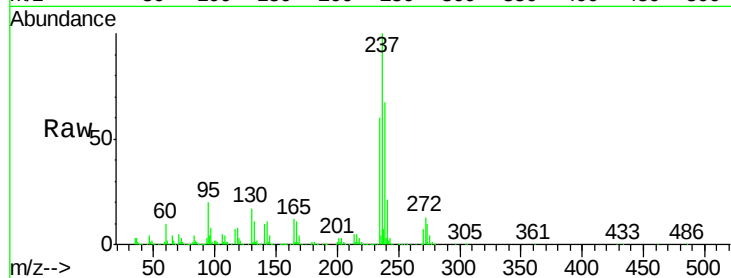


#40
Hexachlorocyclopentadiene
Concen: 85.96 ng
RT: 12.97 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

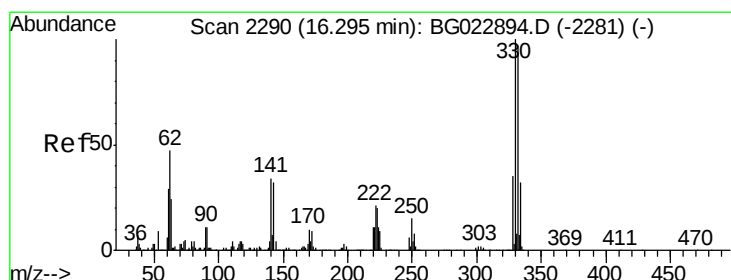
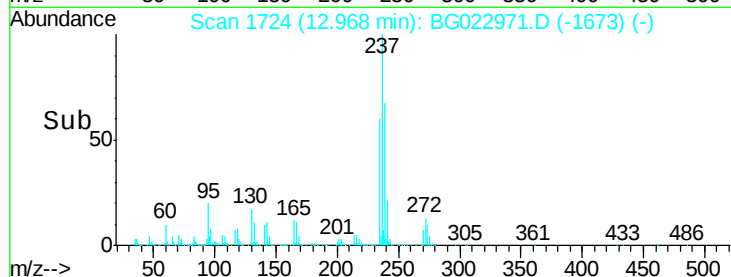
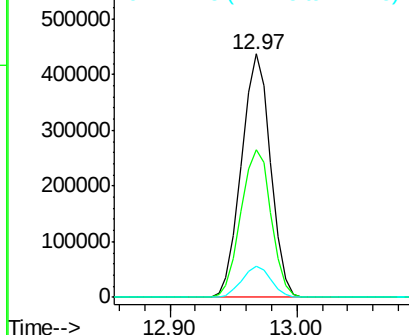
Instrument :
BNA_G
ClientSampleId :
PB91968BS

Tgt Ion:	237	Resp:	695154
Ion Ratio	Lower	Upper	
237	100		
235	60.5	43.1	83.1
272	13.0	0.0	30.9

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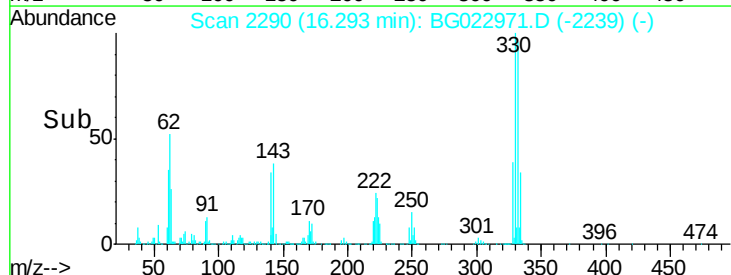
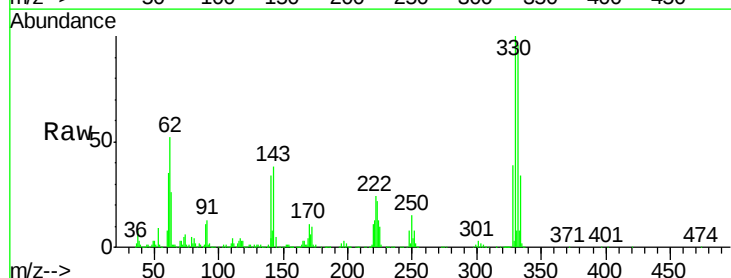
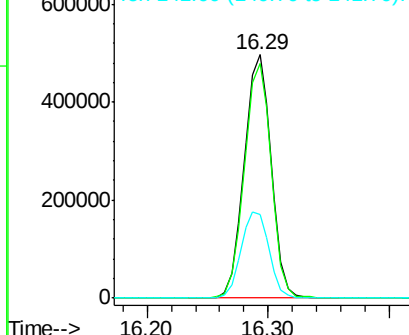
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

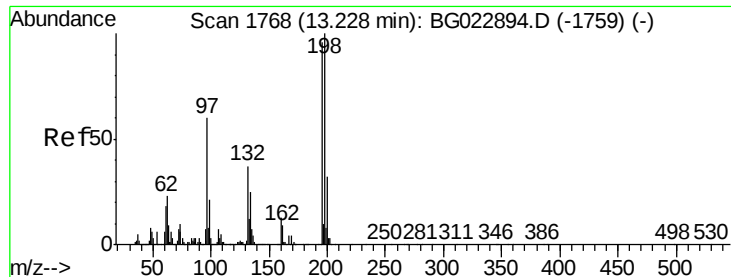


#41
2,4,6-Tribromophenol
Concen: 131.67 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:	330	Resp:	771453
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.4	116.2
141	36.9	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



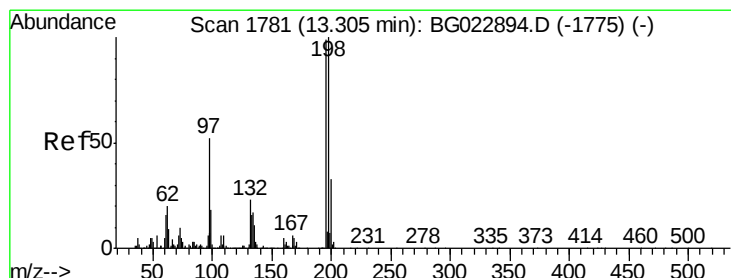
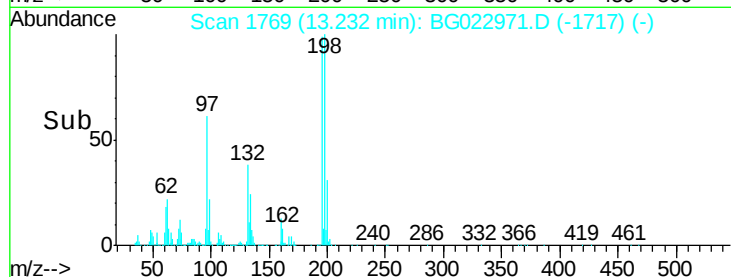
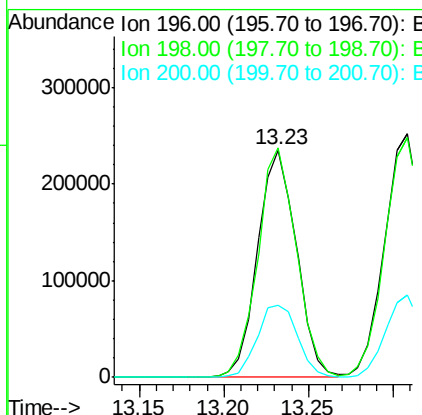
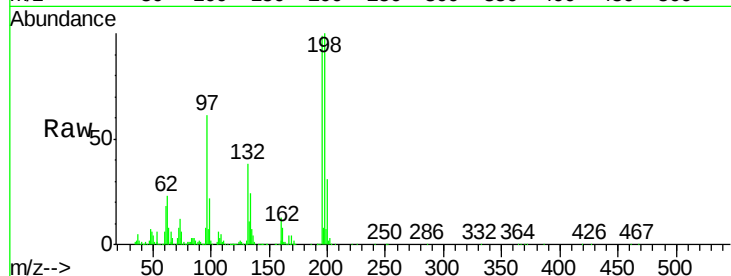


#42
2,4,6-Trichlorophenol
Concen: 46.41 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

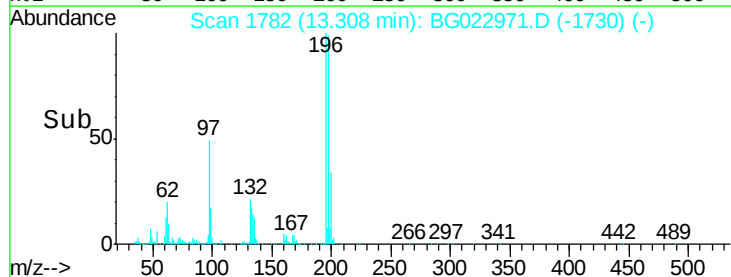
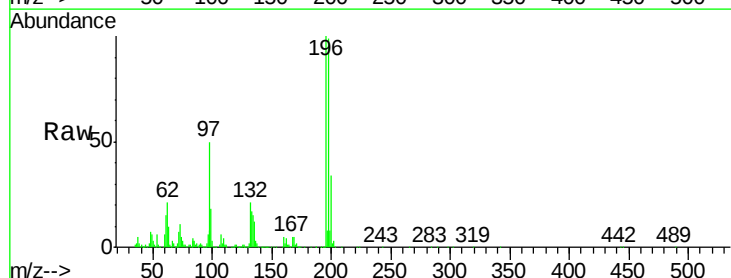
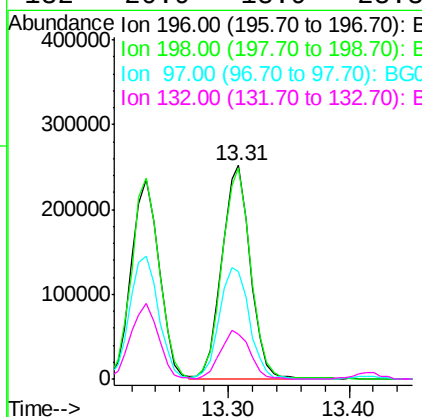
Tgt Ion:196 Resp: 374752
Ion Ratio Lower Upper
196 100
198 101.1 78.2 117.2
200 31.5 27.0 40.4

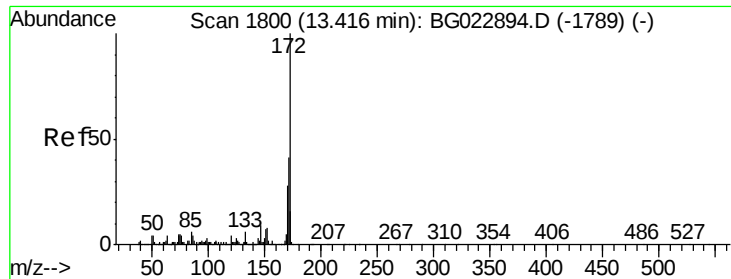
SOHIL
7/11/2016 6:46:40 AM



#43
2,4,5-Trichlorophenol
Concen: 49.41 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:196 Resp: 409698
Ion Ratio Lower Upper
196 100
198 98.6 85.7 128.5
97 50.5 45.5 68.3
132 20.9 18.9 28.3



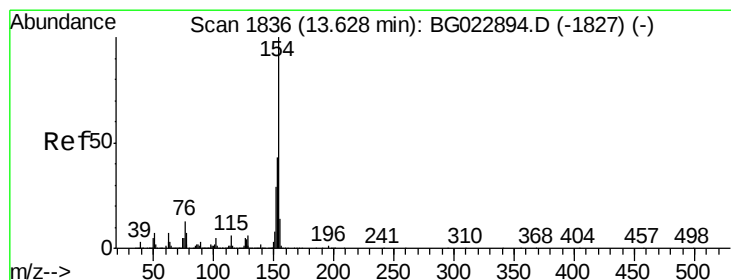
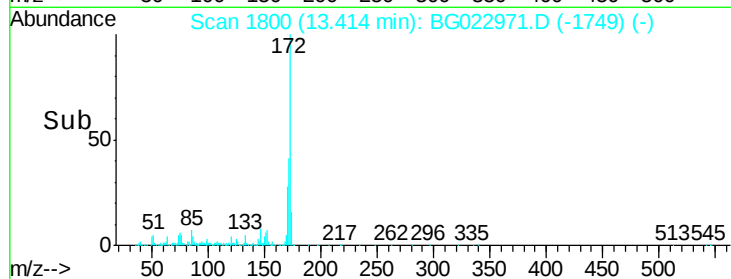
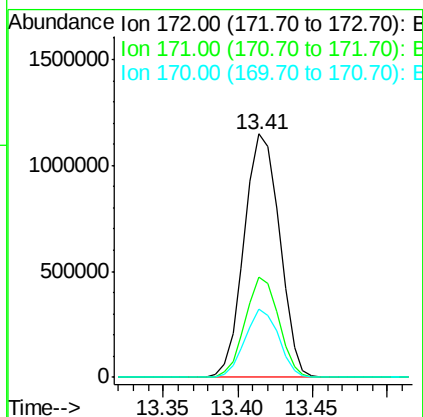
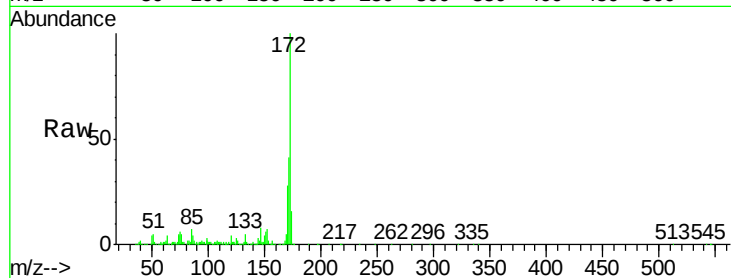


#44
2-Fluorobiphenyl
Concen: 91.30 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

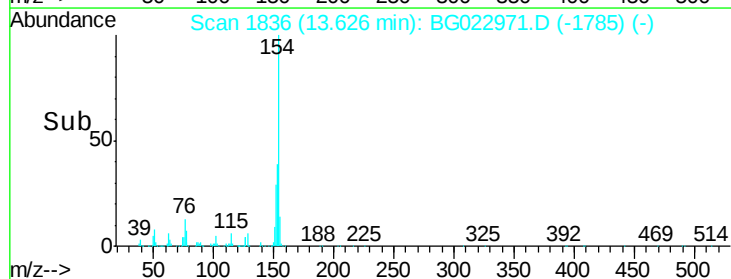
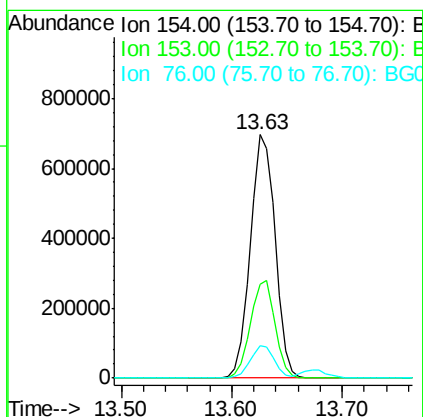
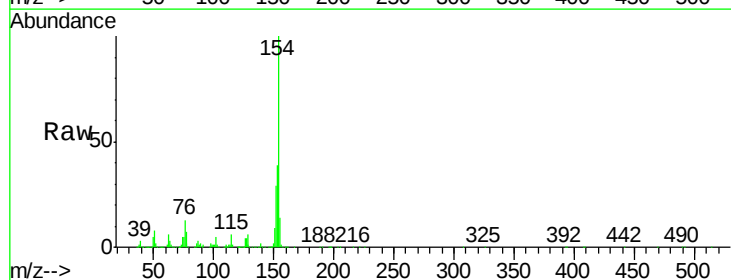
Tgt Ion:172 Resp: 1889541
Ion Ratio Lower Upper
172 100
171 41.3 31.6 47.4
170 28.0 21.3 31.9

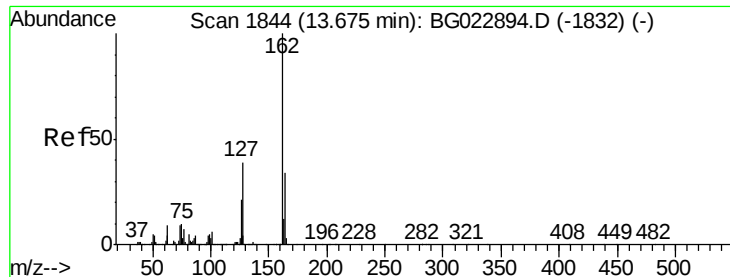
SOHIL
7/11/2016 6:46:40 AM



#45
1,1'-Biphenyl
Concen: 44.93 ng
RT: 13.63 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:154 Resp: 1098988
Ion Ratio Lower Upper
154 100
153 38.7 20.2 60.2
76 13.2 0.0 32.9



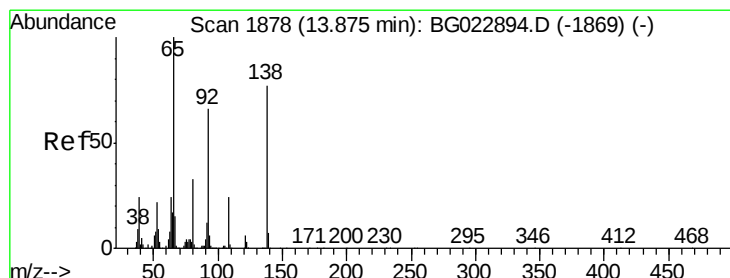
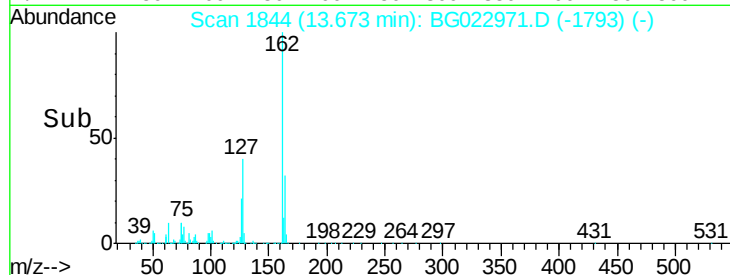
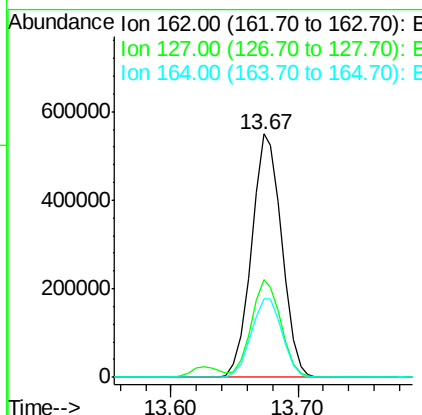
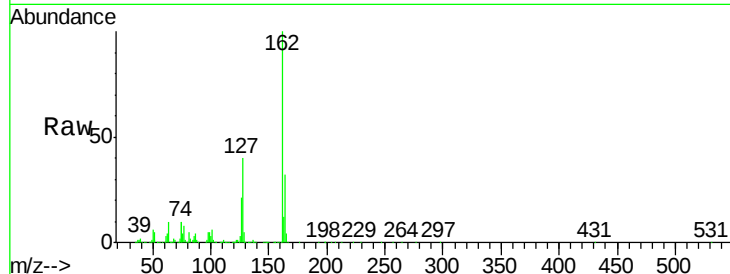


#46
2-Chloronaphthalene
Concen: 45.73 ng
RT: 13.67 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

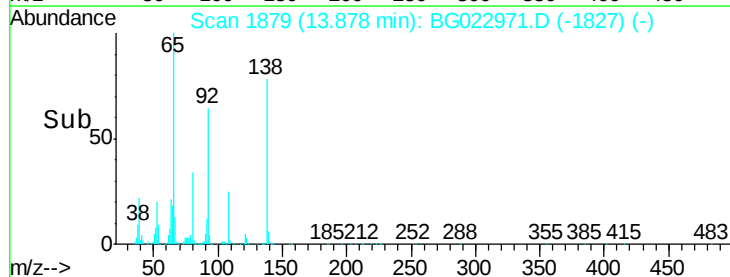
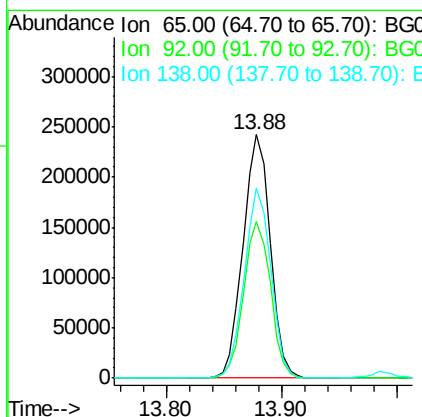
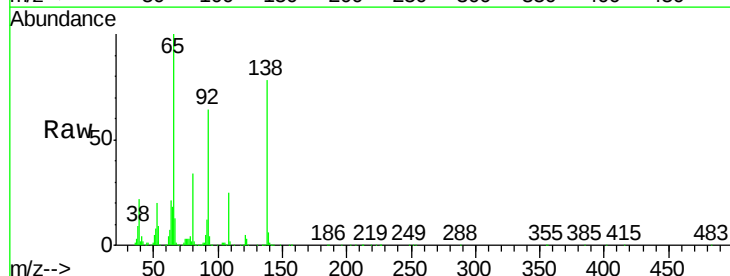
Tgt Ion:	162	Resp:	907414
Ion Ratio	Lower	Upper	
162	100		
127	40.1	32.4	48.6
164	32.3	25.2	37.8

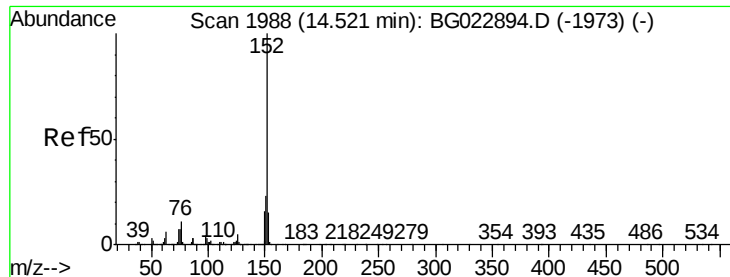
SOHIL
7/11/2016 6:46:40 AM



#47
2-Nitroaniline
Concen: 46.98 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:	65	Resp:	397758
Ion Ratio	Lower	Upper	
65	100		
92	64.3	49.4	74.0
138	77.8	58.0	87.0





#48

Acenaphthylene

Concen: 46.15 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampled :

PB91968BS

Tgt Ion:152 Resp: 1373625

Ion Ratio Lower Upper

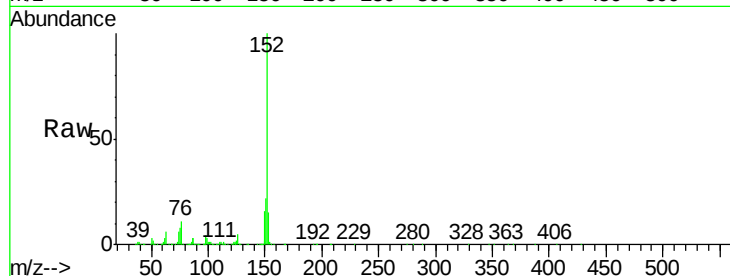
152 100

151 22.0 17.6 26.4

153 14.7 11.4 17.2

SOHIL

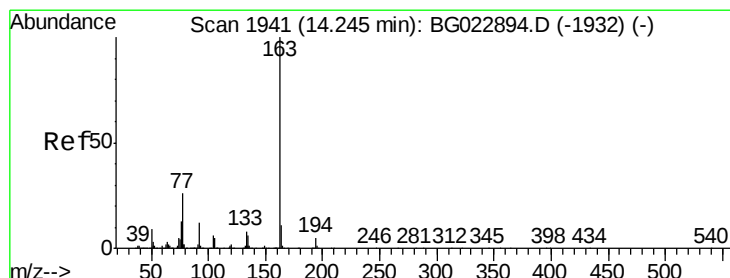
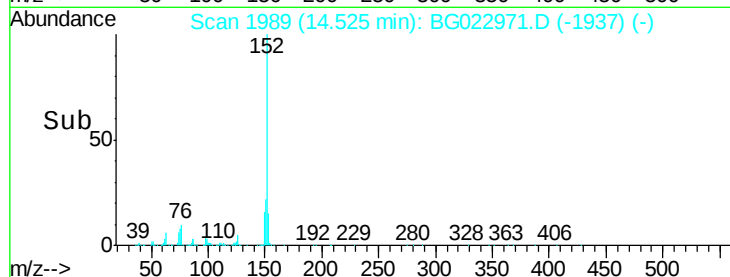
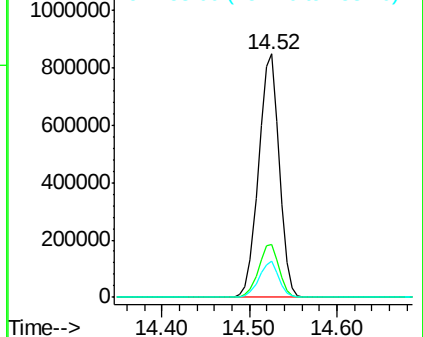
7/11/2016 6:46:40 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.26 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

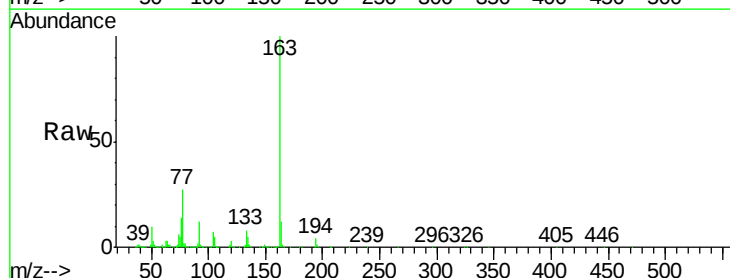
Tgt Ion:163 Resp: 1258556

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

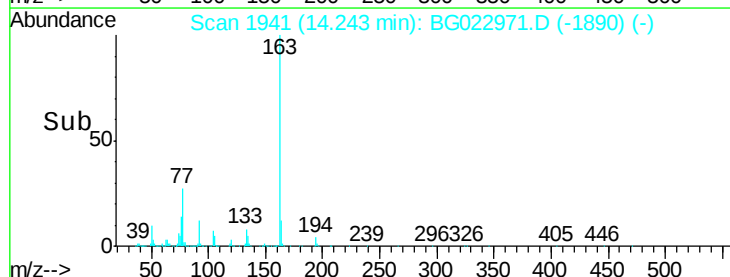
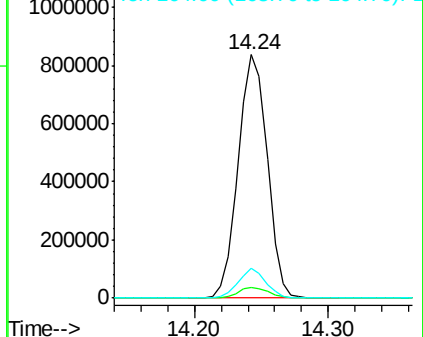
164 12.0 8.1 12.1

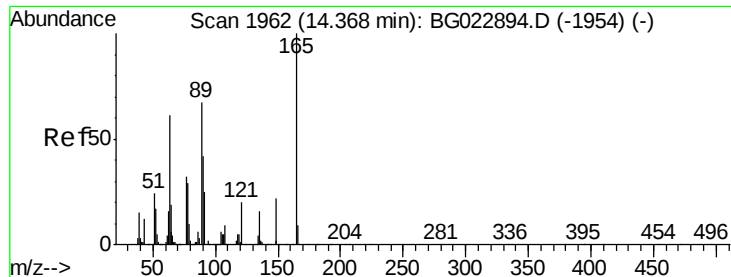


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 50.02 ng

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

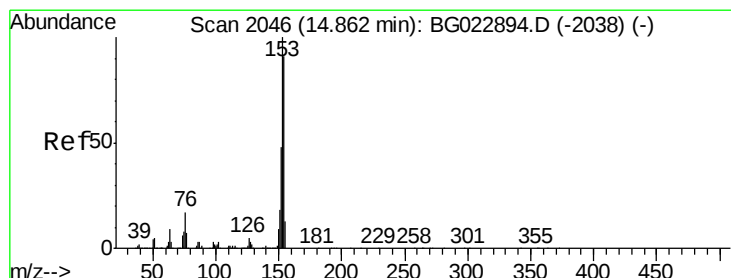
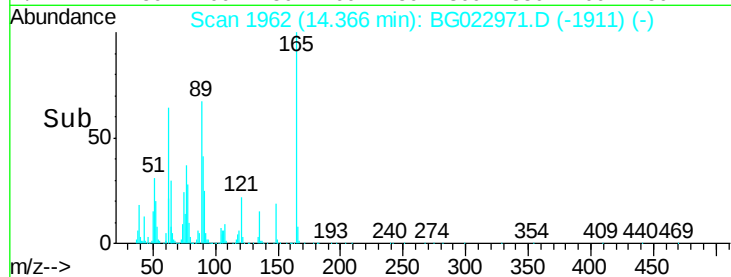
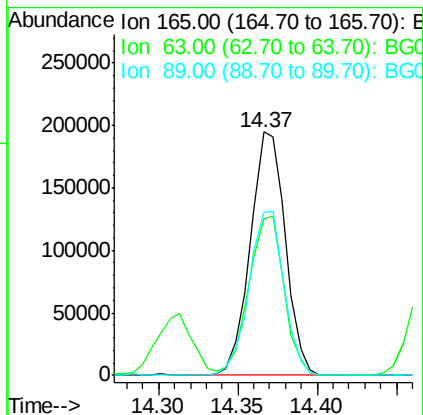
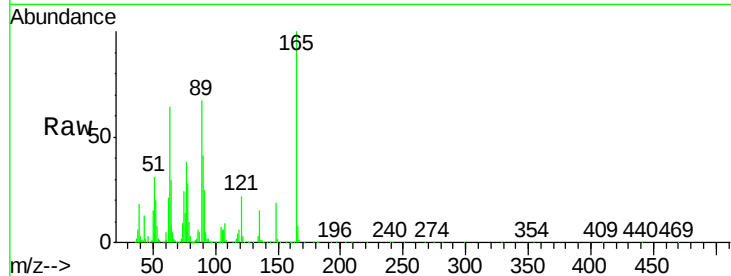
ClientSampled :

PB91968BS

Tgt Ion:	165	Resp:	299370
Ion Ratio	Lower	Upper	
165	100		
63	64.3	64.3	96.5
89	67.1	64.3	96.5

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#51

Acenaphthene

Concen: 46.73 ng

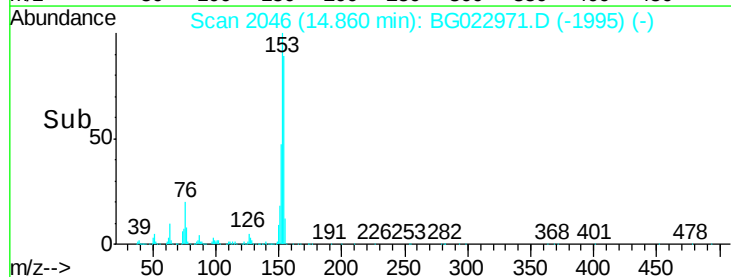
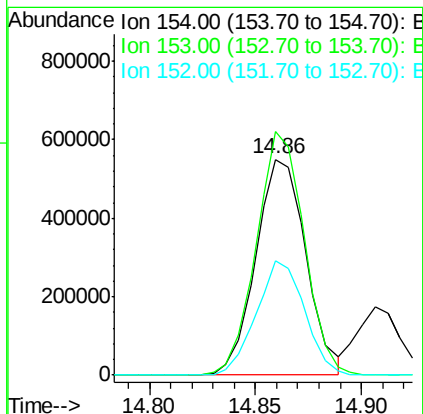
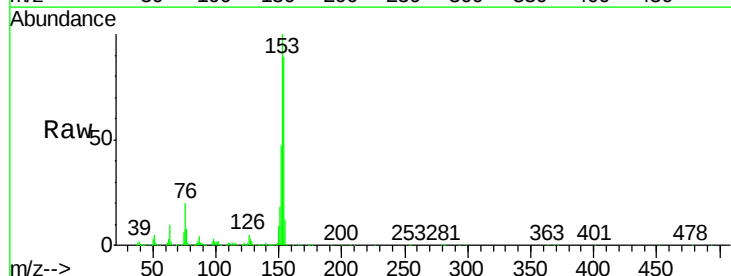
RT: 14.86 min Scan# 2046

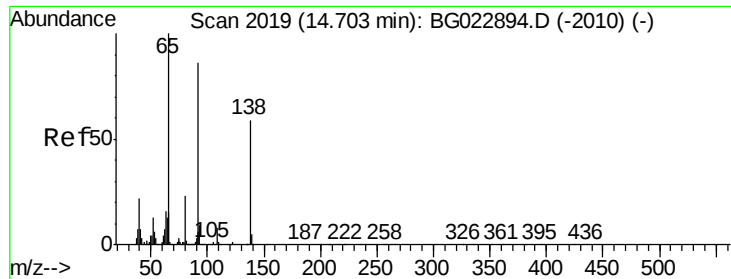
Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Tgt Ion:	154	Resp:	908907
Ion Ratio	Lower	Upper	
154	100		
153	112.7	87.5	131.3
152	52.9	42.7	64.1





#52

3-Nitroaniline

Concen: 31.30 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

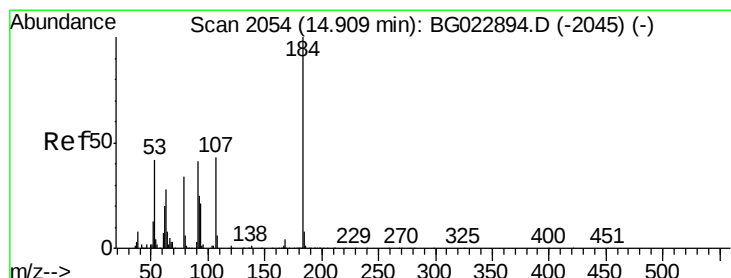
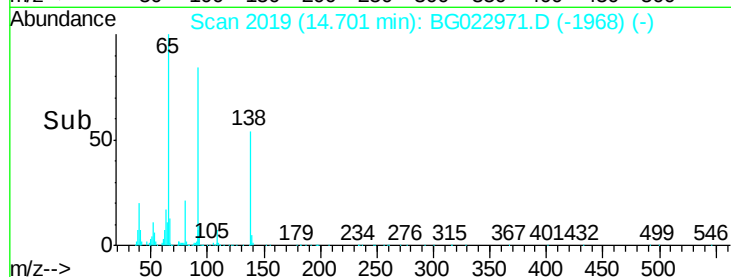
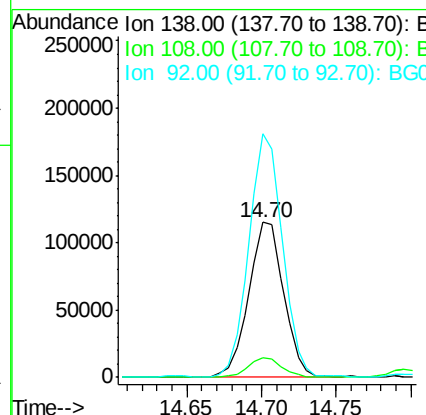
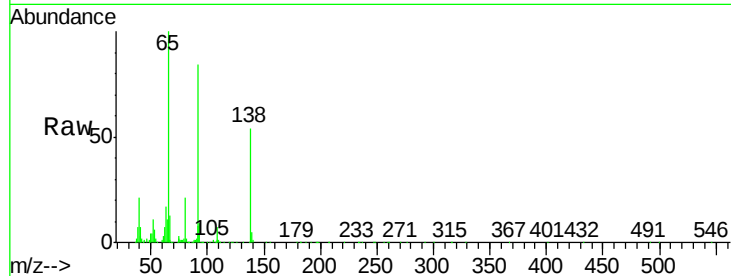
ClientSampleId :

PB91968BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.7	11.7	17.5
92	157.0	129.7	194.5

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#53

2,4-Dinitrophenol

Concen: 84.08 ng

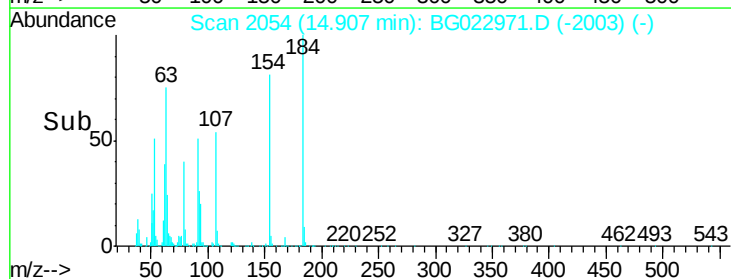
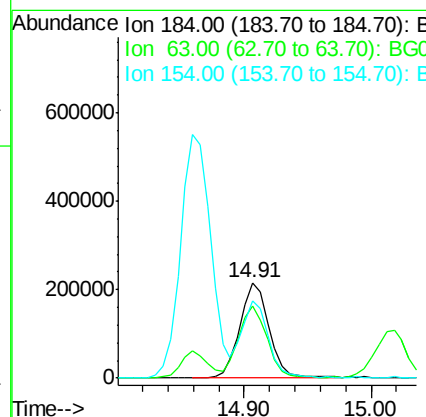
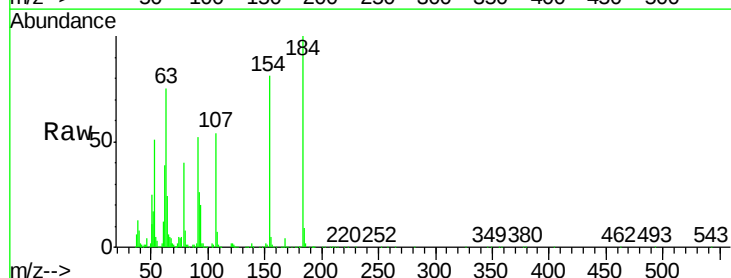
RT: 14.91 min Scan# 2054

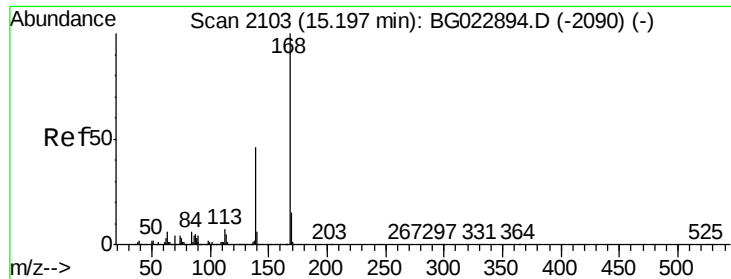
Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.4	59.6	89.4
154	80.6	67.4	101.0



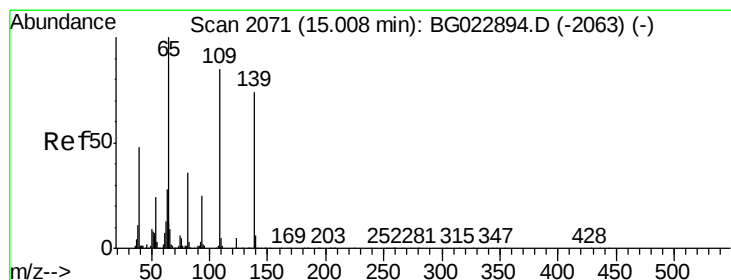
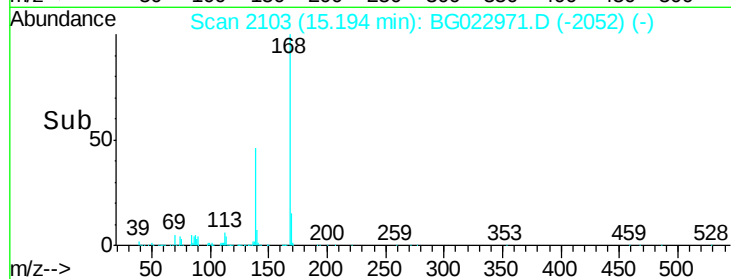
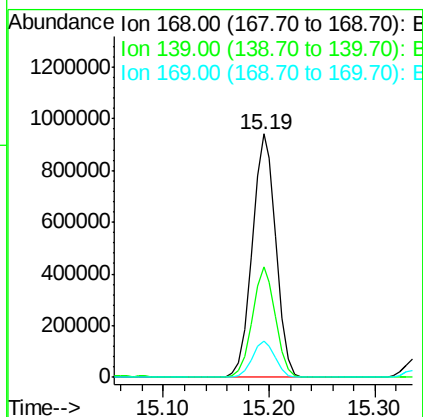
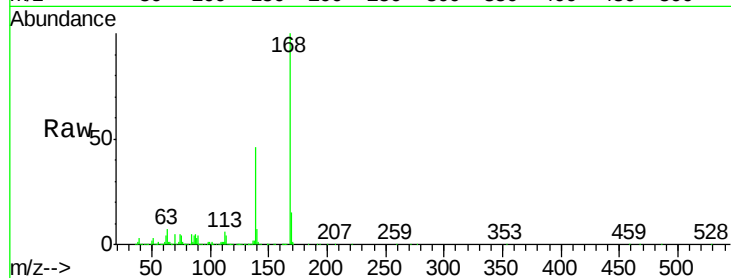


#54
Dibenzenofuran
Concen: 50.31 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

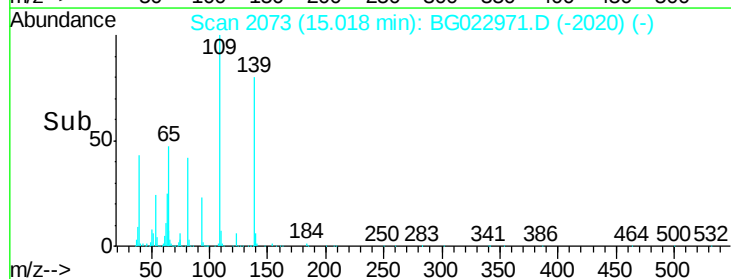
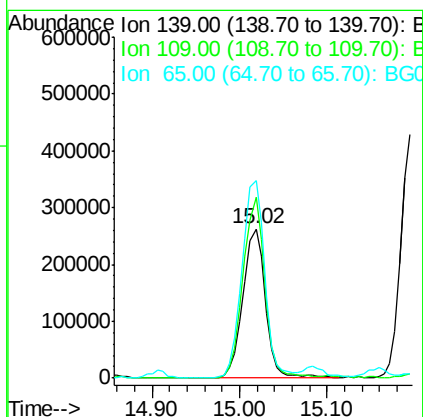
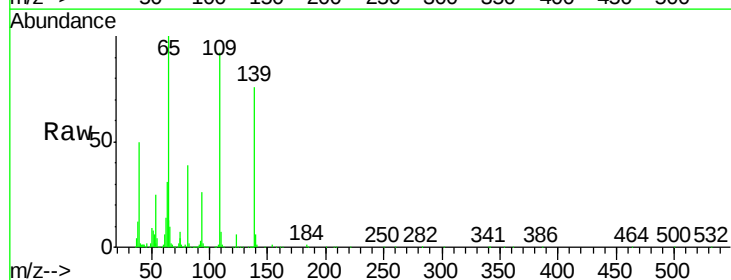
Tgt Ion:168 Resp: 1464600
Ion Ratio Lower Upper
168 100
139 45.5 36.4 54.6
169 14.8 11.9 17.9

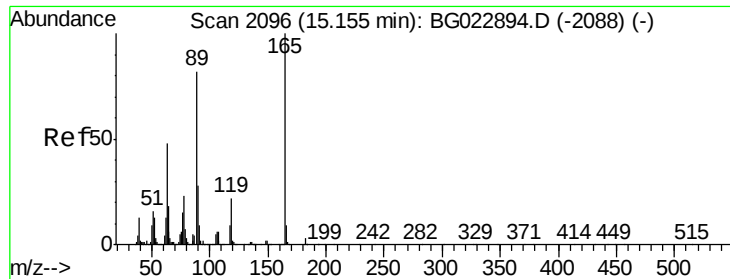
SOHIL
7/11/2016 6:46:40 AM



#55
4-Nitrophenol
Concen: 90.76 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:139 Resp: 453981
Ion Ratio Lower Upper
139 100
109 121.2 103.0 143.0
65 132.4 112.7 152.7



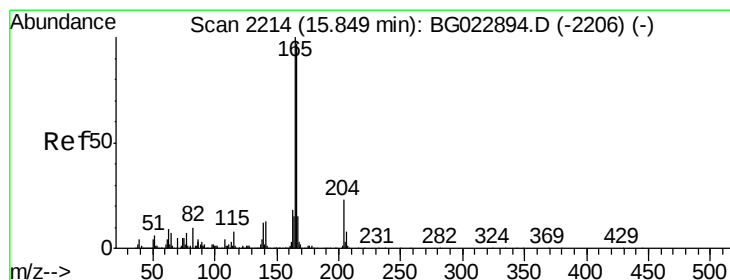
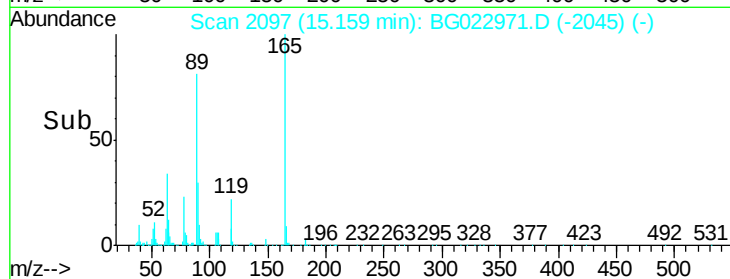
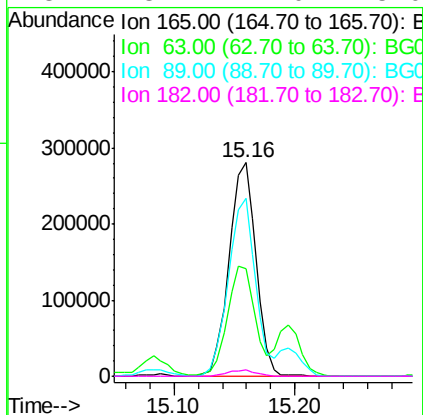
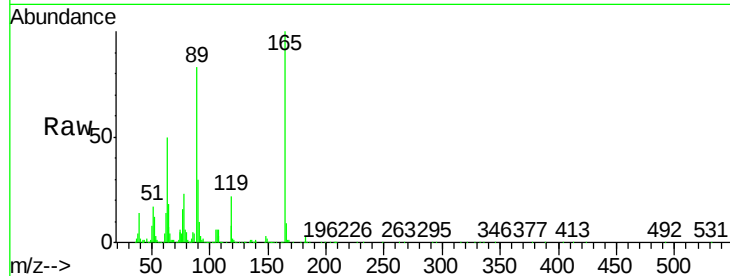


#56
2,4-Dinitrotoluene
Concen: 49.89 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

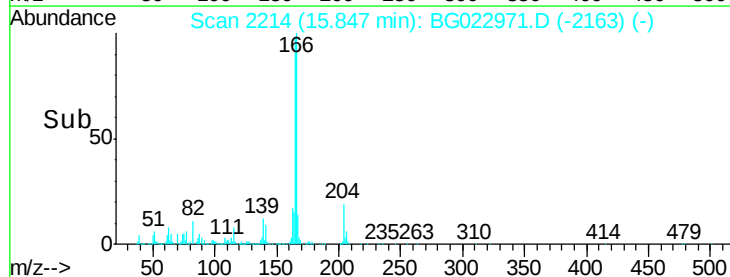
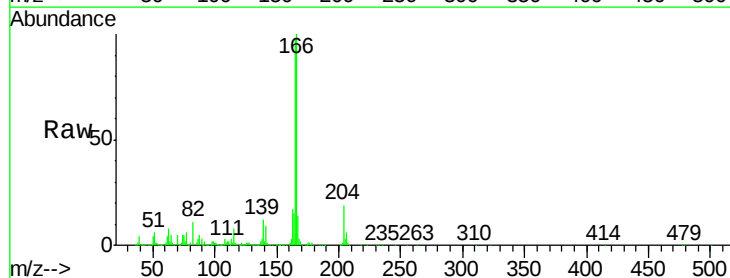
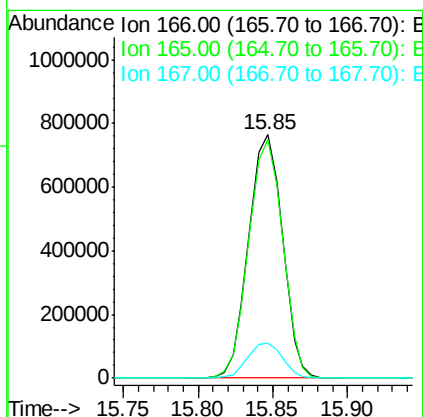
Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.2	45.8	68.6
89	83.2	68.6	102.8
182	3.4	2.0	3.0

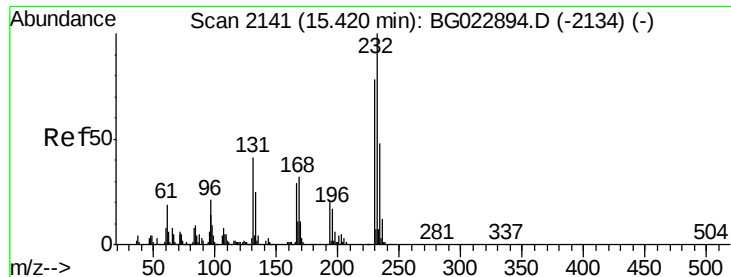
SOHIL
7/11/2016 6:46:40 AM



#57
Fluorene
Concen: 47.92 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	81.0	121.6
167	14.3	12.0	18.0



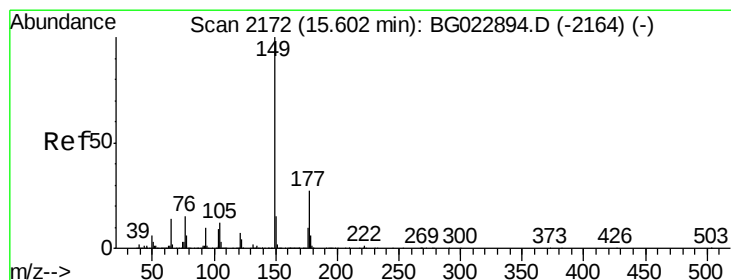
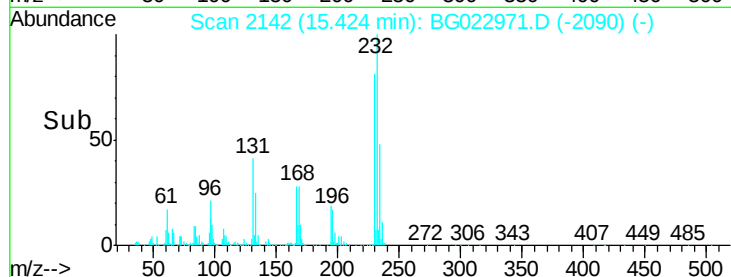
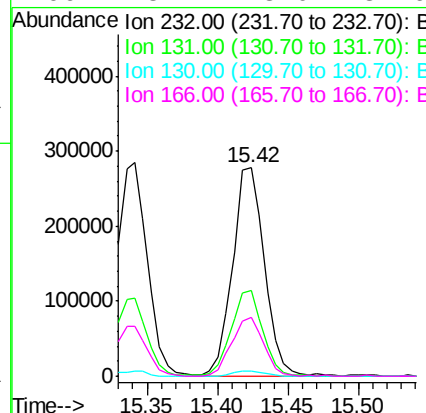
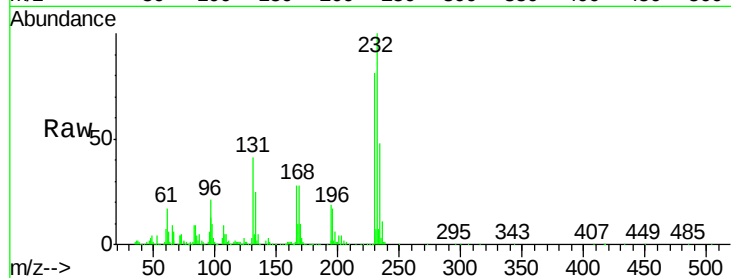


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.54 ng
 RT: 15.42 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91968BS

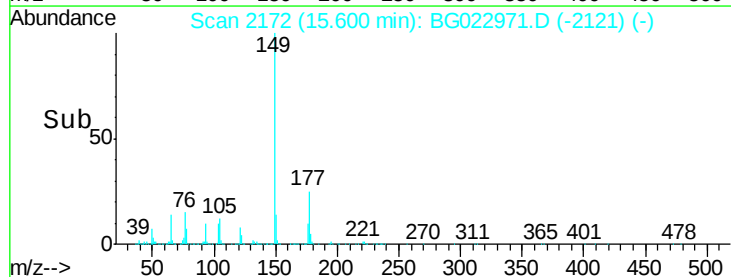
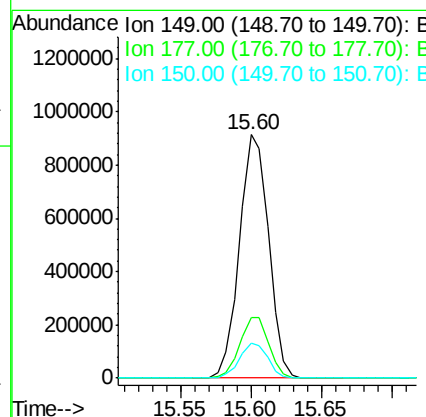
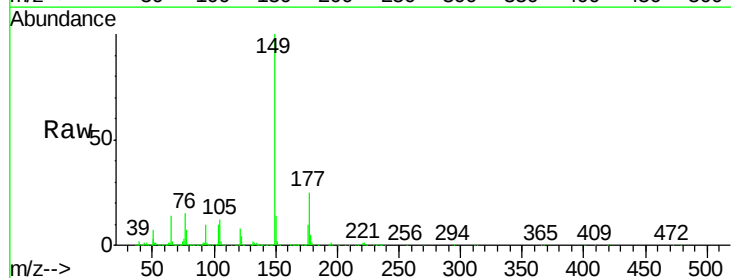
Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.7	49.1
130	2.7	2.6	3.8
166	28.7	23.0	34.6

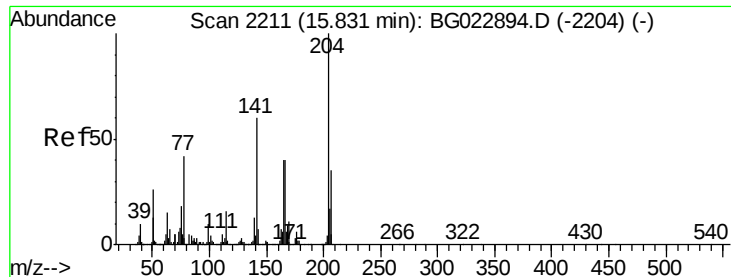
SOHIL
 7/11/2016 6:46:40 AM



#59
 Diethylphthalate
 Concen: 48.53 ng
 RT: 15.60 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.2	28.8
150	14.3	10.6	16.0



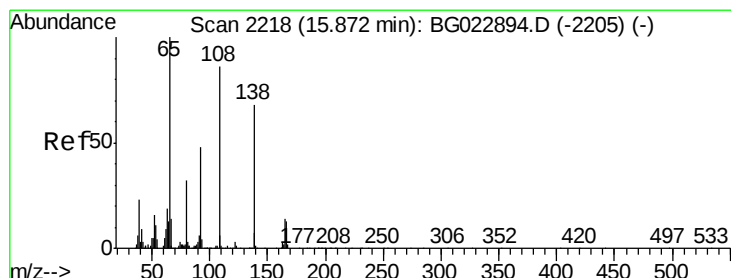
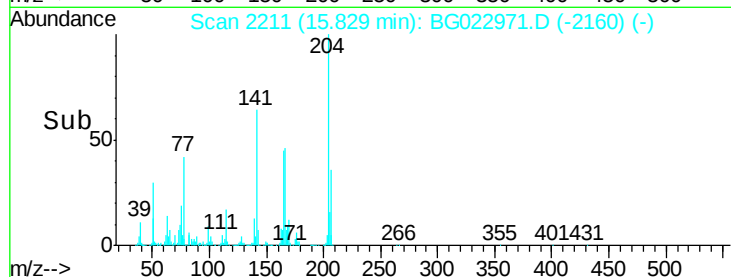
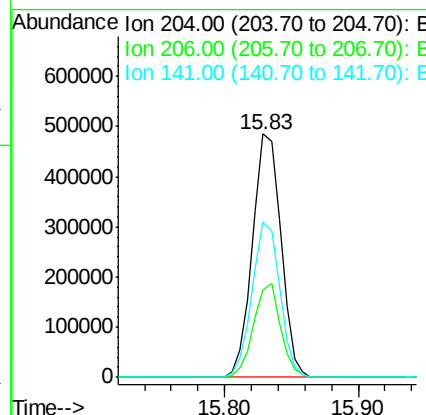
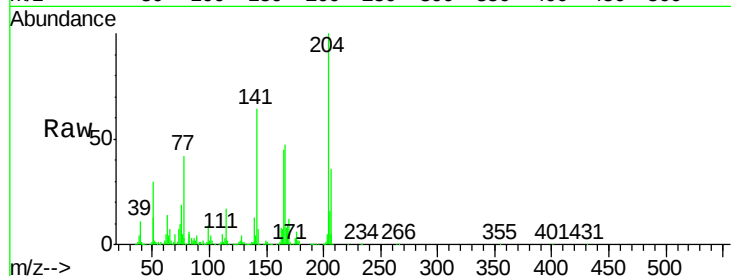


#60
 4-Chlorophenyl-phenylether
 Concen: 46.59 ng
 RT: 15.83 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91968BS

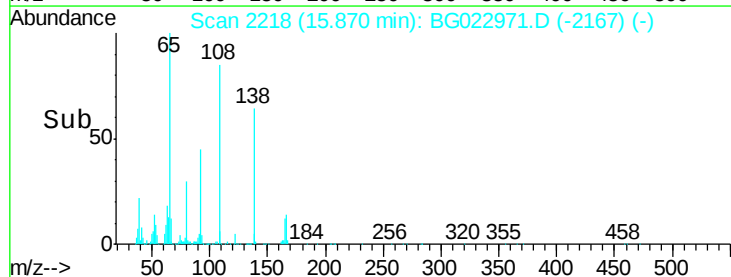
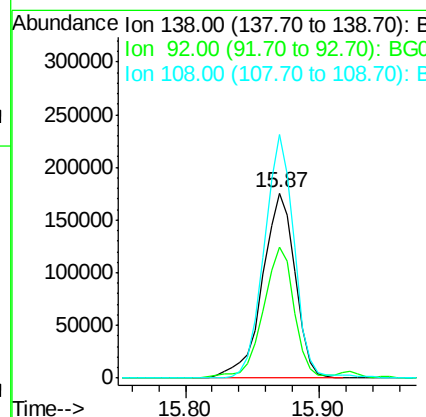
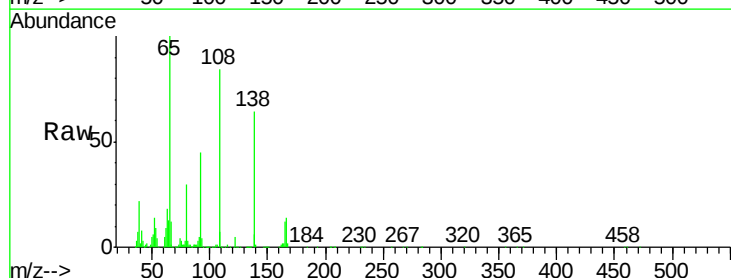
Tgt Ion: 204 Resp: 711046
 Ion Ratio Lower Upper
 204 100
 206 35.8 28.5 42.7
 141 63.9 51.4 77.0

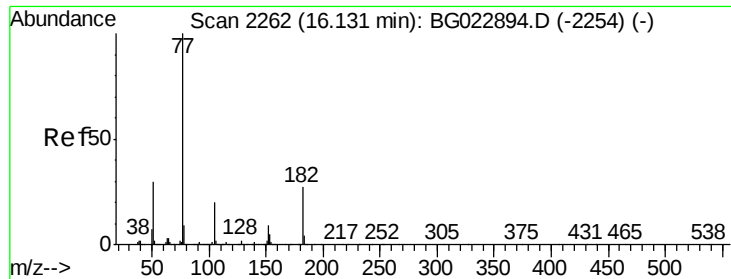
SOHIL
 7/11/2016 6:46:40 AM



#61
 4-Nitroaniline
 Concen: 46.26 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Tgt Ion: 138 Resp: 298692
 Ion Ratio Lower Upper
 138 100
 92 70.5 54.1 94.1
 108 131.5 133.9 173.9#





#62

Azobenzene

Concen: 55.55 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampleID :

PB91968BS

Tgt Ion: 77 Resp: 1439769

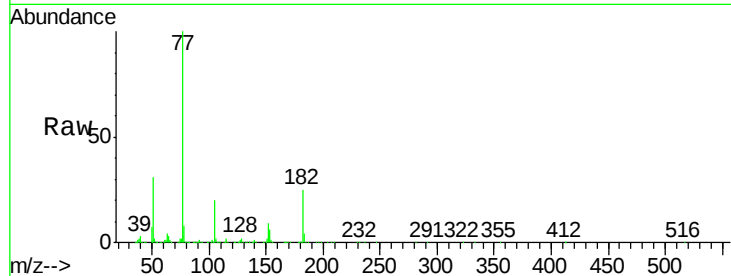
Ion Ratio Lower Upper

77 100

182 25.5 3.5 43.5

105 20.1 0.0 38.5

51 31.0 17.1 57.1



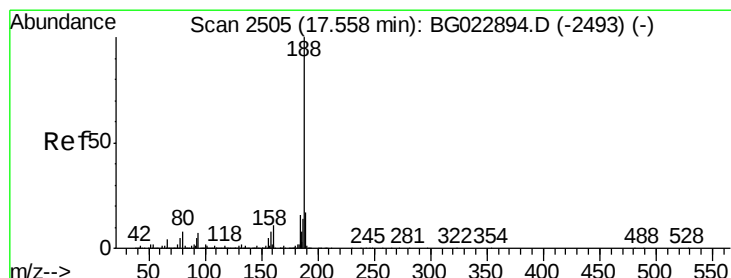
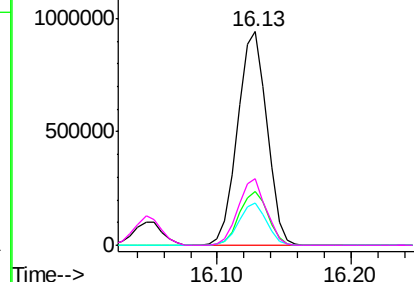
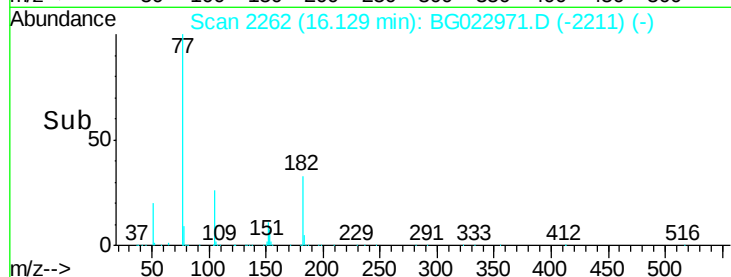
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

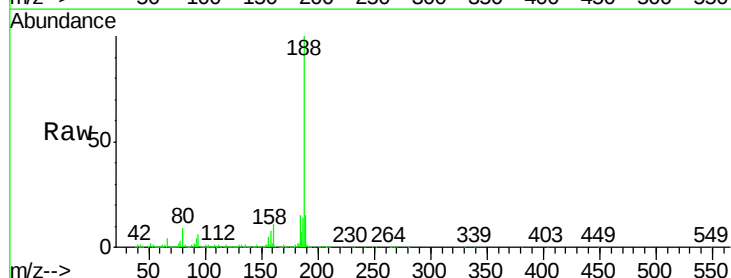
Tgt Ion: 188 Resp: 840183

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

80 9.2 7.2 10.8

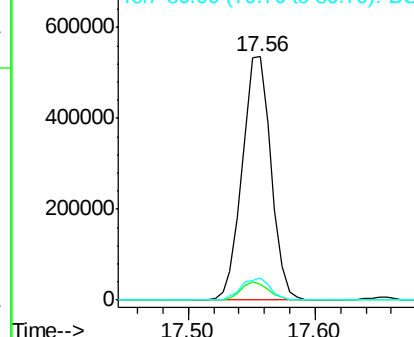
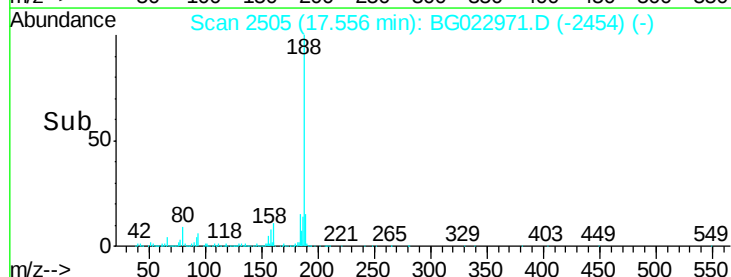


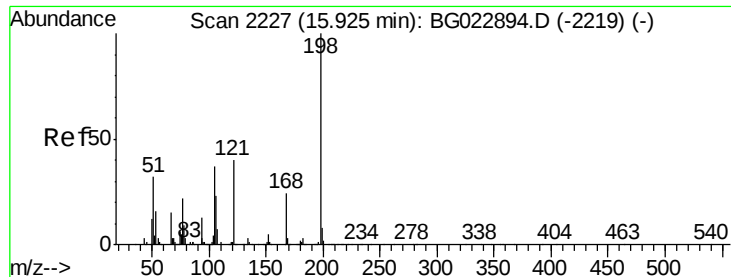
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



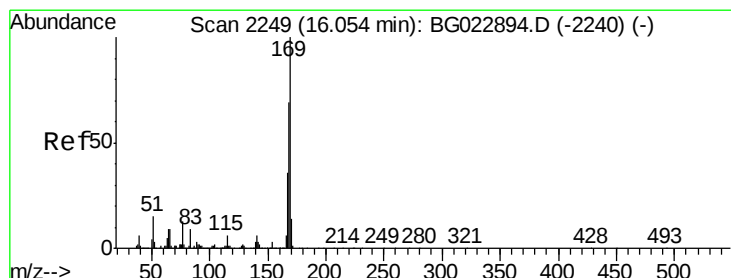
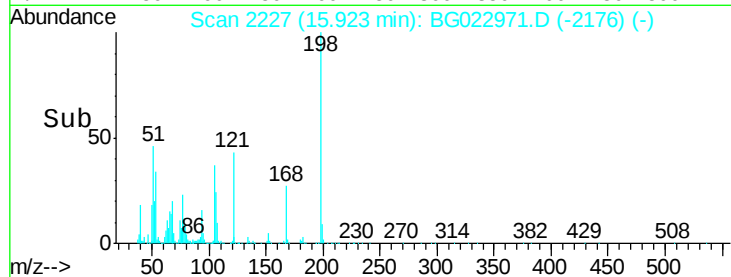
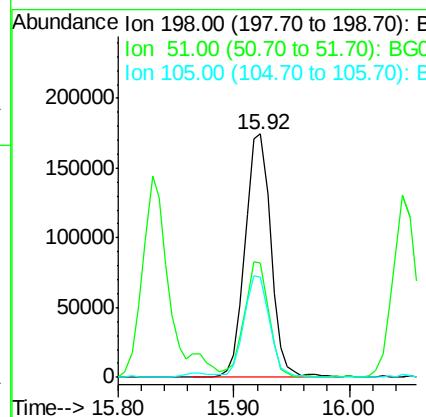
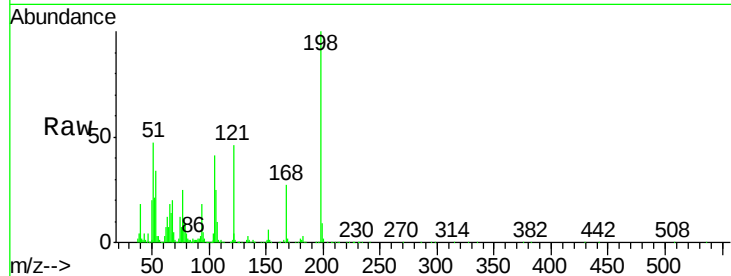


#64
4,6-Dinitro-2-methylphenol
Concen: 43.36 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

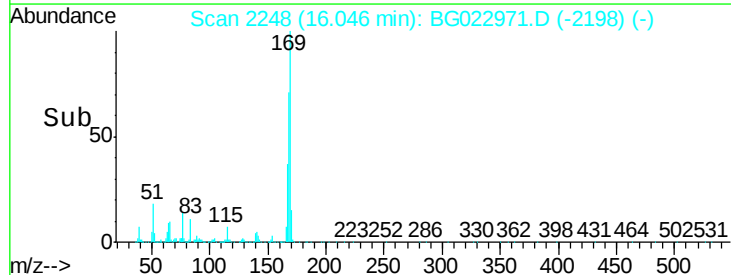
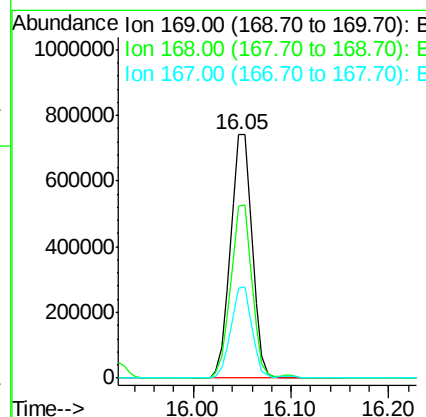
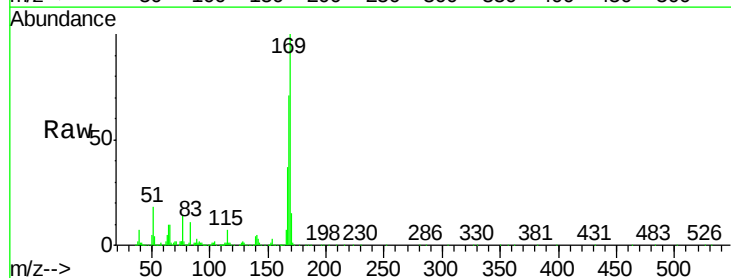
Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.0	26.0	66.0
105	41.4	20.1	60.1

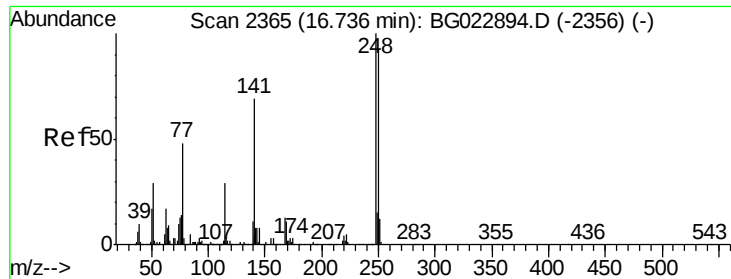
SOHIL
7/11/2016 6:46:40 AM



#65
n-Nitrosodiphenylamine
Concen: 47.10 ng
RT: 16.05 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.0	82.4
167	37.2	27.4	41.0



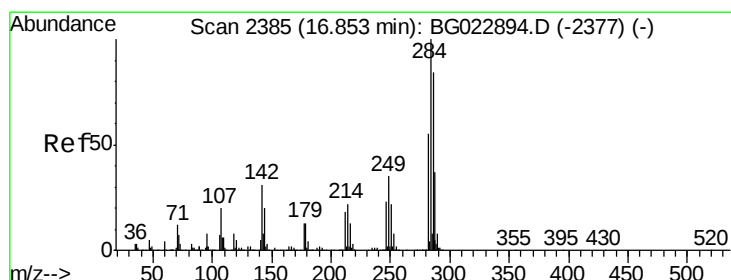
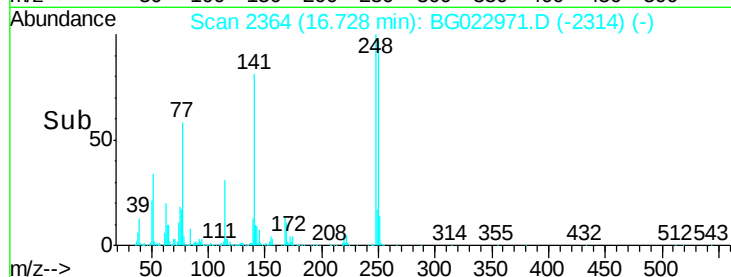
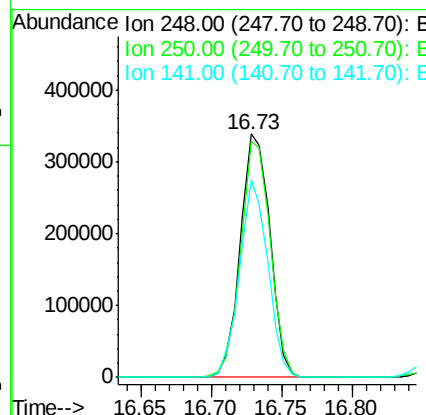
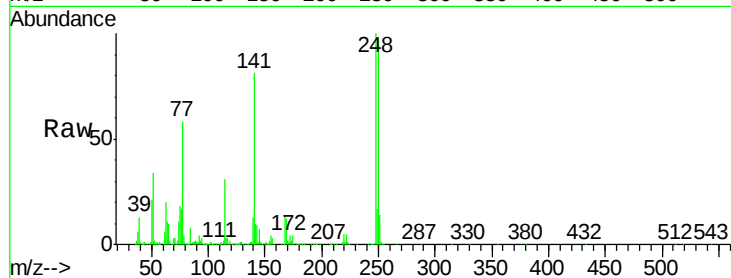


#66
4-Bromophenyl-phenylether
Concen: 45.53 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

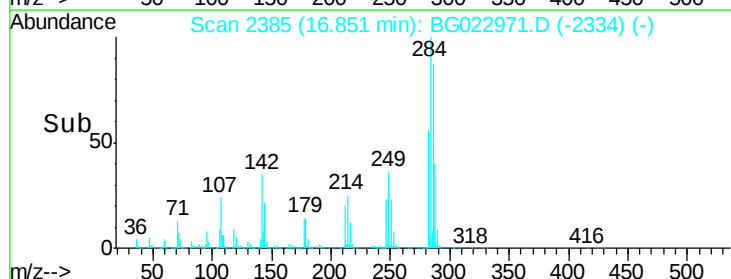
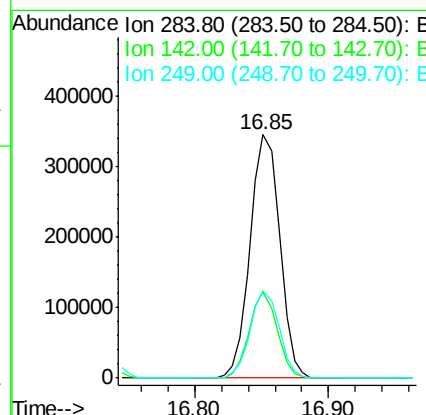
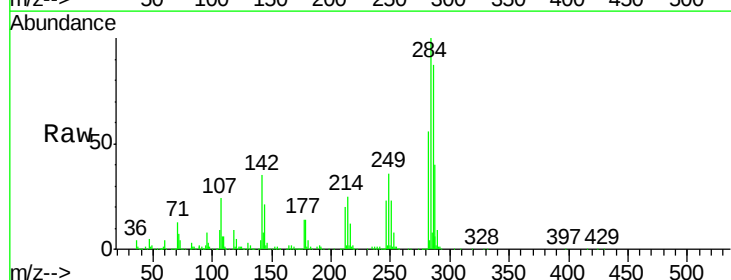
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.8
141	81.2	65.7	98.5

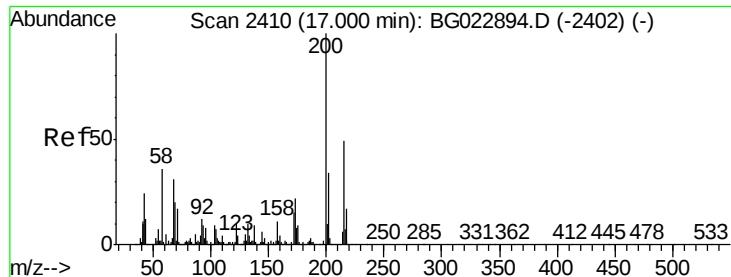
SOHIL
7/11/2016 6:46:40 AM



#67
Hexachlorobenzene
Concen: 44.30 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	26.8	40.2
249	36.1	28.9	43.3



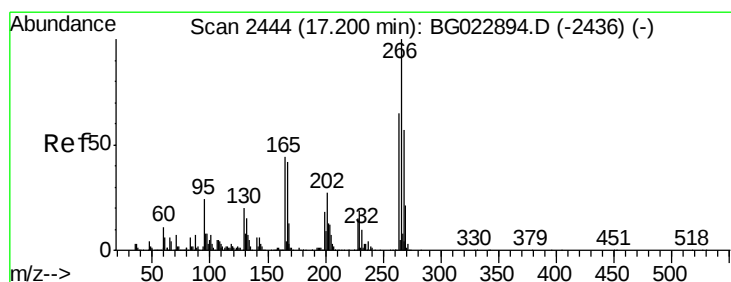
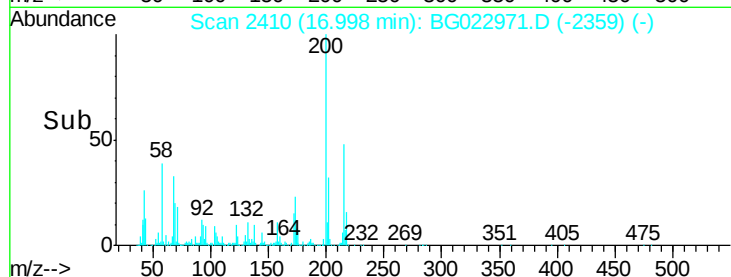
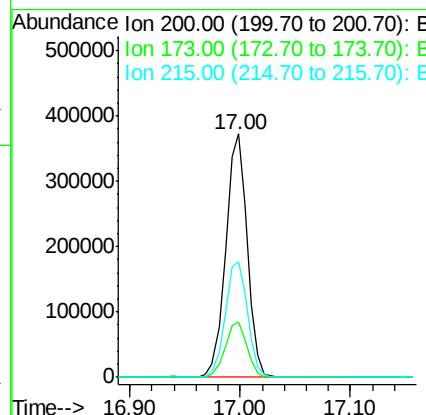
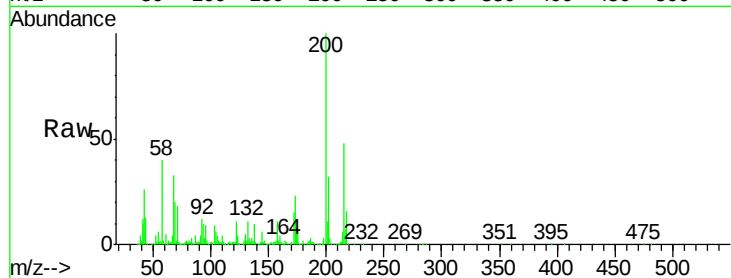


#68
Atrazine
Concen: 46.88 ng
RT: 17.00 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

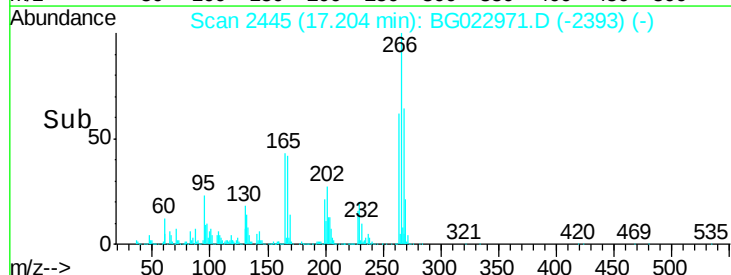
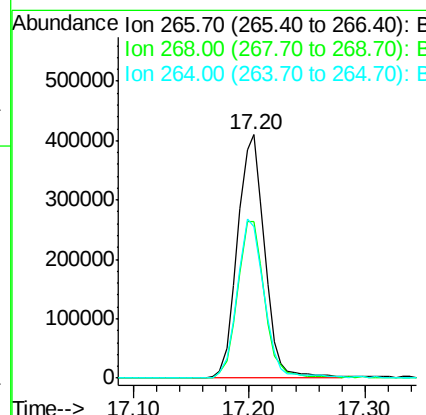
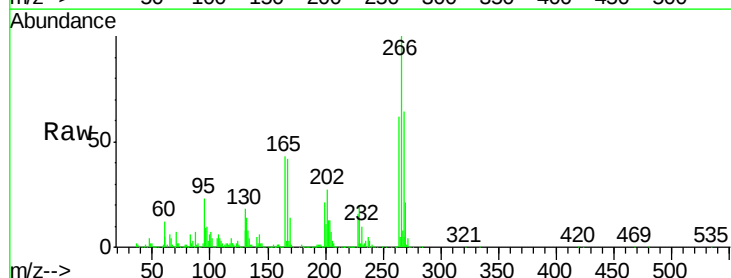
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.7	1.6	41.6
215	47.7	28.7	68.7

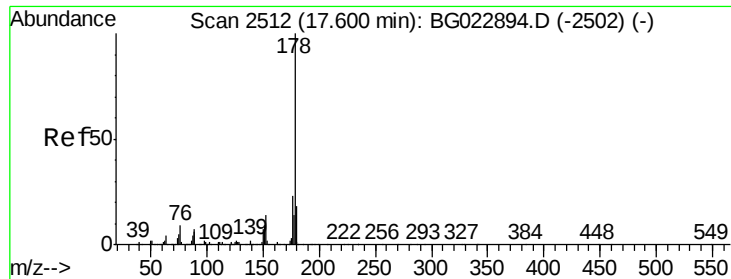
SOHIL
7/11/2016 6:46:40 AM



#69
Pentachlorophenol
Concen: 86.92 ng
RT: 17.20 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.9	77.9
264	62.2	50.6	75.8





#70

Phenanthrene

Concen: 48.68 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampleId :

PB91968BS

Tgt Ion:178 Resp: 2004388

Ion Ratio Lower Upper

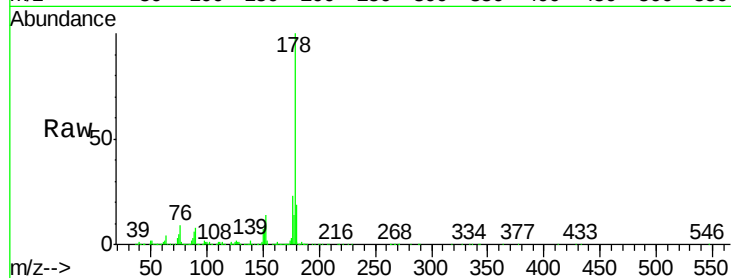
178 100

176 22.9 16.8 25.2

179 18.9 14.3 21.5

SOHIL

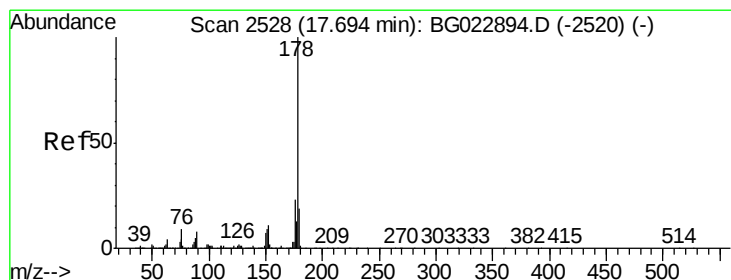
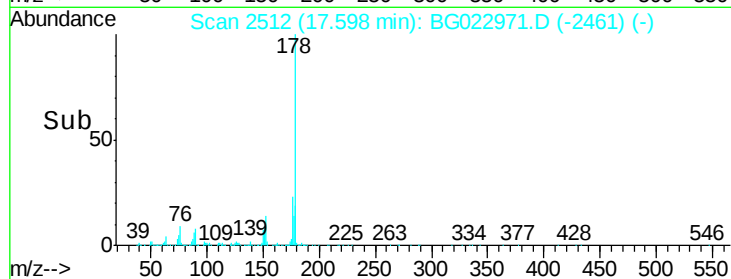
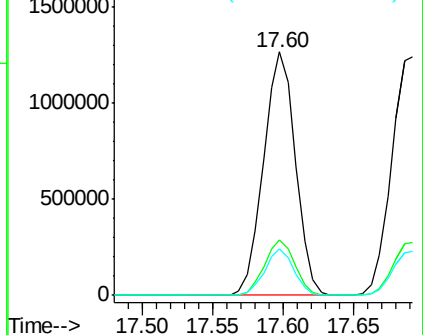
7/11/2016 6:46:40 AM



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



#71

Anthracene

Concen: 49.03 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Tgt Ion:178 Resp: 2044054

Ion Ratio Lower Upper

178 100

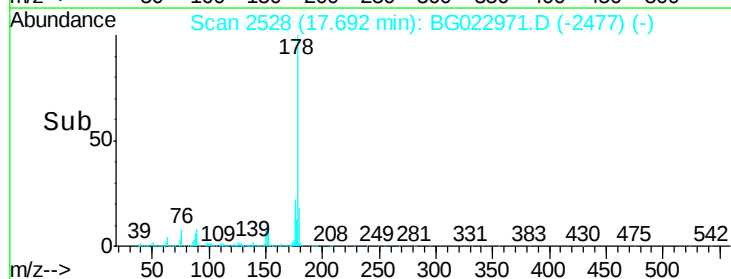
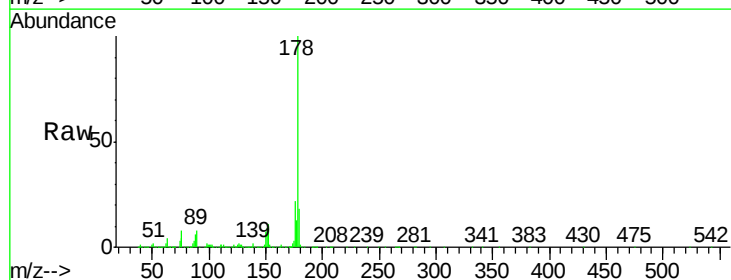
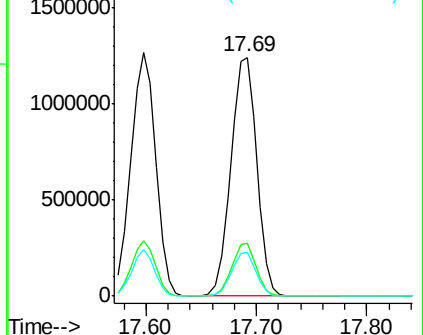
176 22.2 17.3 25.9

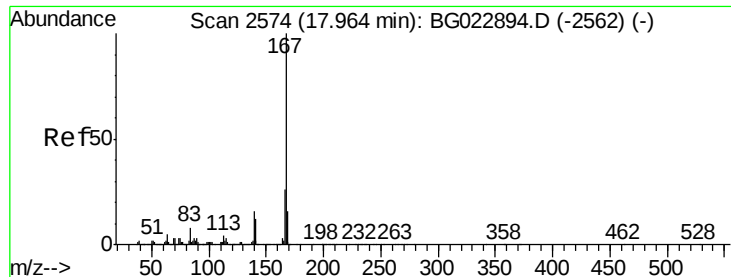
179 18.4 14.0 21.0

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





#72

Carbazole

Concen: 49.58 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampled :

PB91968BS

Tgt Ion:167 Resp: 1786157

Ion Ratio Lower Upper

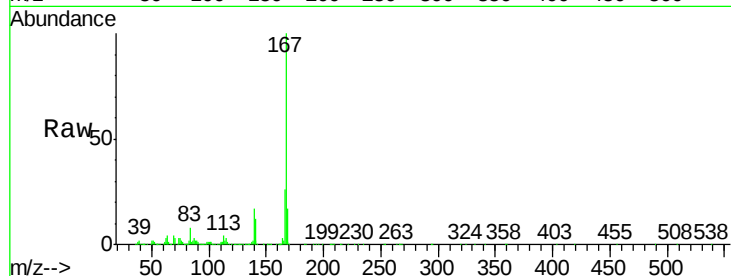
167 100

166 26.1 20.7 31.1

139 16.6 11.9 17.9

SOHIL

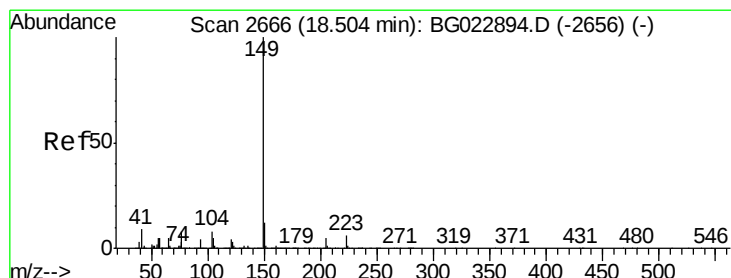
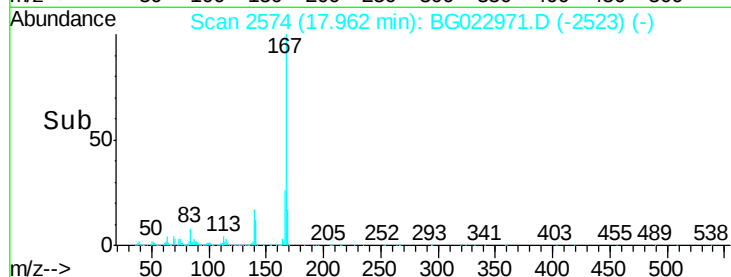
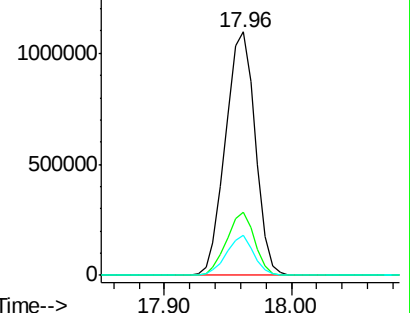
7/11/2016 6:46:40 AM



Abundance Ion 167.00 (166.70 to 167.70): E

1500000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 52.01 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

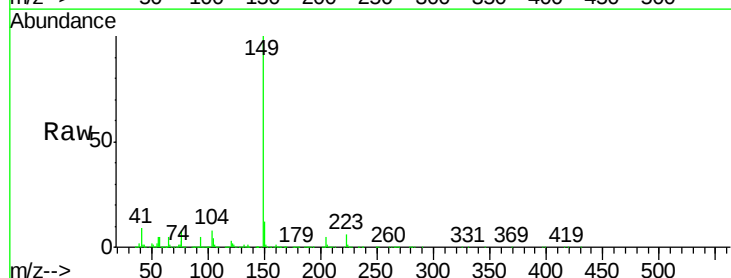
Tgt Ion:149 Resp: 2083755

Ion Ratio Lower Upper

149 100

150 12.0 9.1 13.7

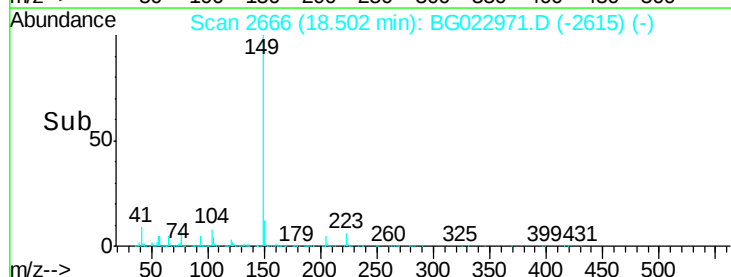
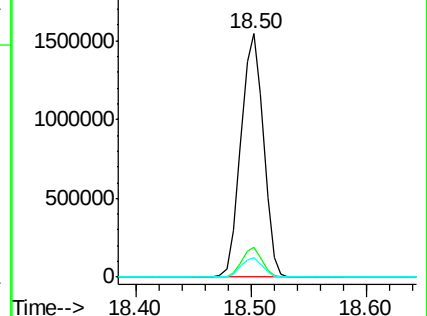
104 8.3 6.9 10.3

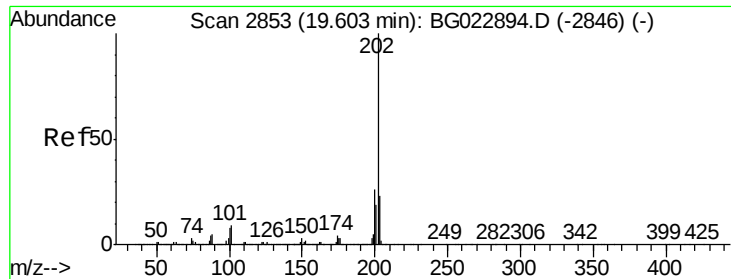


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 46.46 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampleId :

PB91968BS

Tgt Ion:202 Resp: 2347614

Ion Ratio Lower Upper

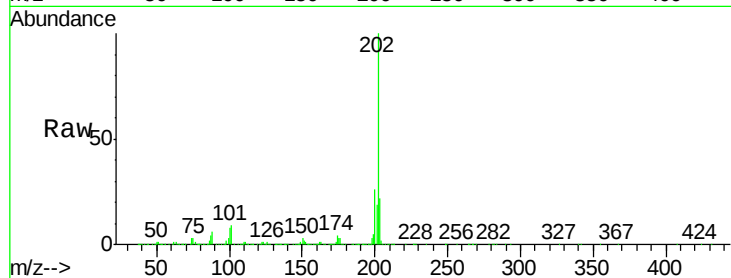
202 100

101 9.0 0.0 27.4

203 22.2 1.7 41.7

SOHIL

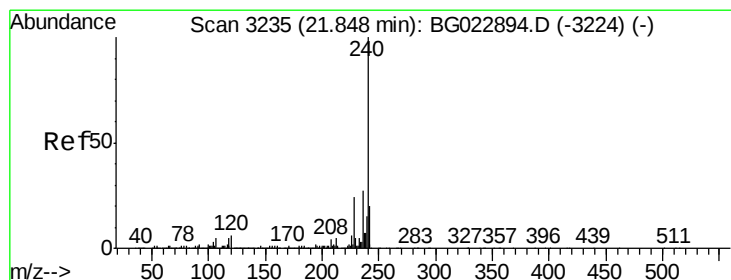
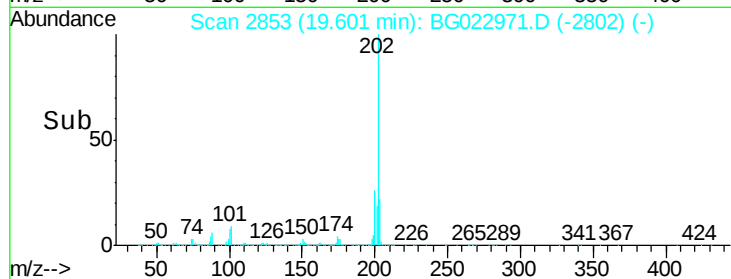
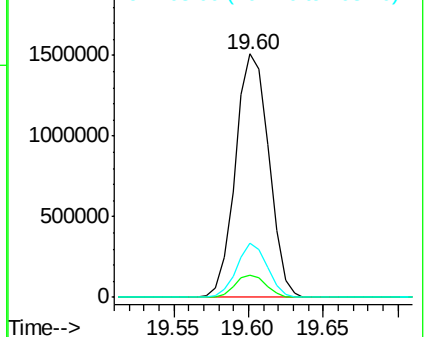
7/11/2016 6:46:40 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

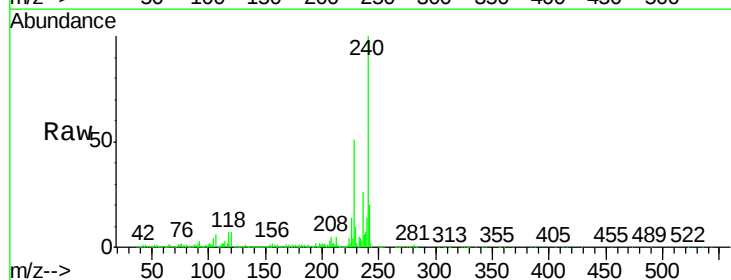
Tgt Ion:240 Resp: 924047

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

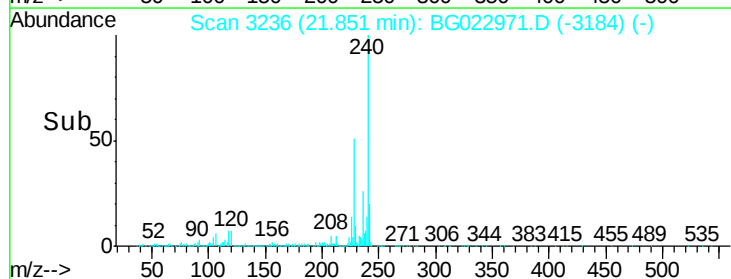
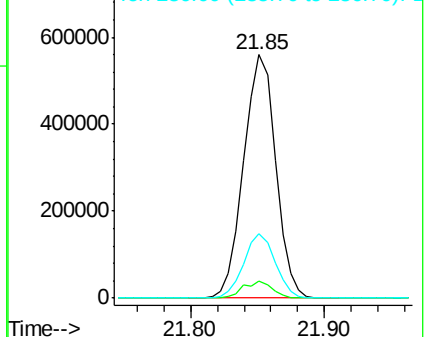
236 26.2 21.1 31.7

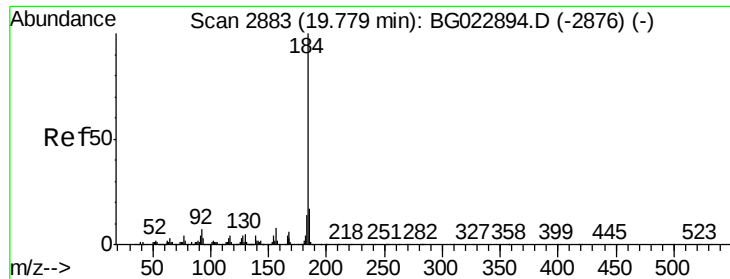


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 45.17 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampled :

PB91968BS

Tgt Ion:184 Resp: 1196484

Ion Ratio Lower Upper

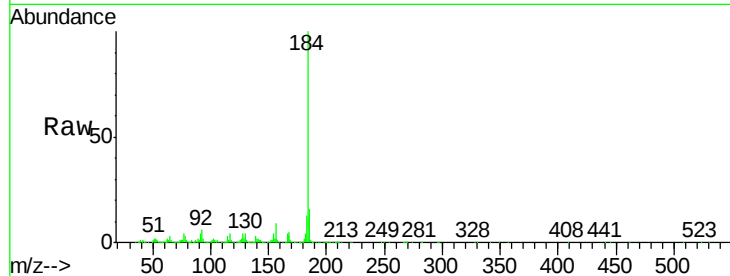
184 100

185 15.7 12.6 19.0

183 12.7 10.7 16.1

SOHIL

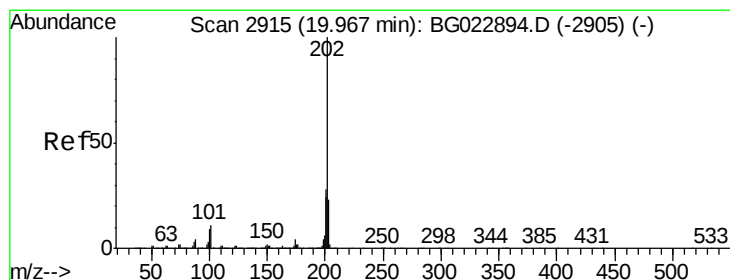
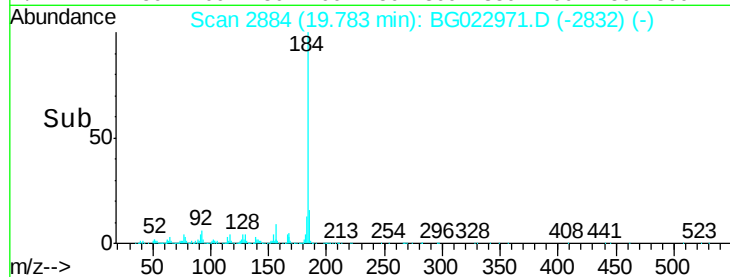
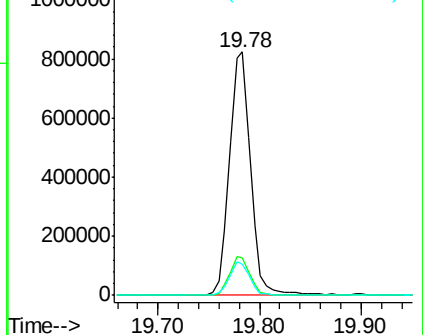
7/11/2016 6:46:40 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 45.54 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

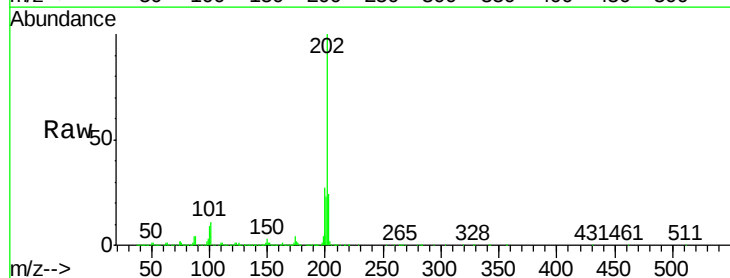
Tgt Ion:202 Resp: 2364569

Ion Ratio Lower Upper

202 100

200 26.8 21.2 31.8

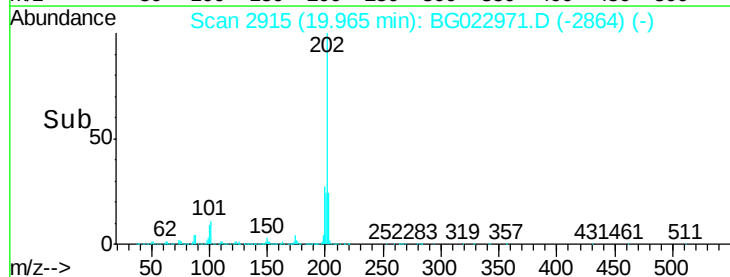
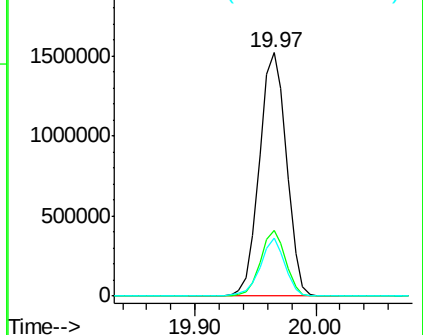
203 23.8 16.8 25.2

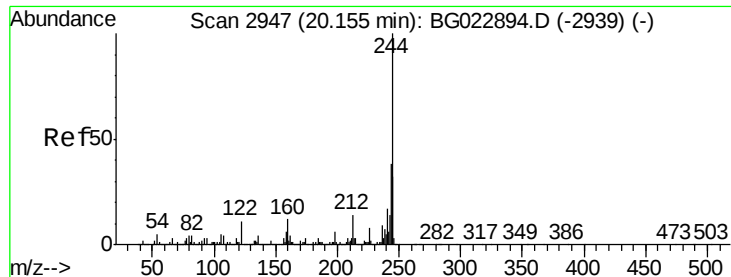


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 117.42 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampled :

PB91968BS

Tgt Ion:244 Resp: 2954304

Ion Ratio Lower Upper

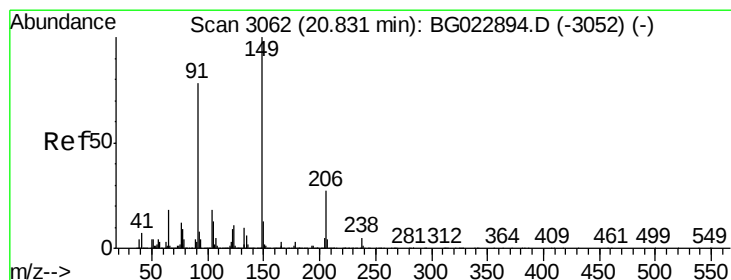
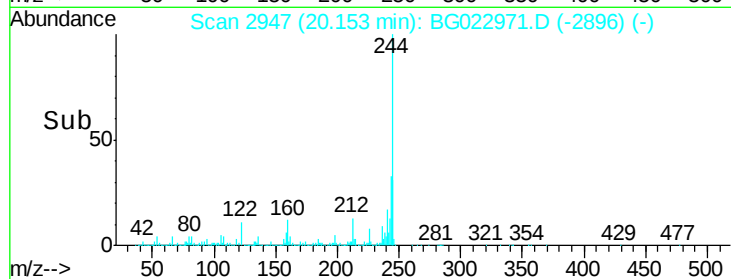
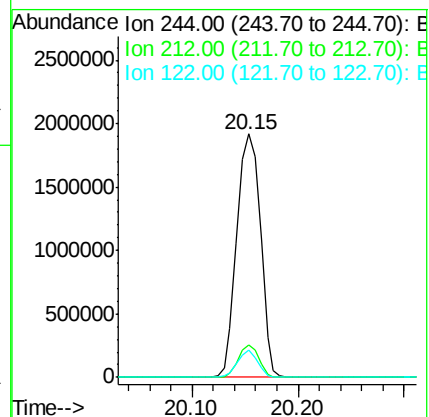
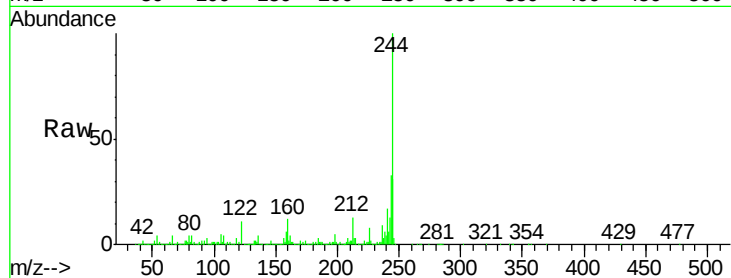
244 100

212 13.3 10.8 16.2

122 11.3 8.0 12.0

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#79

Butylbenzylphthalate

Concen: 50.68 ng

RT: 20.83 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

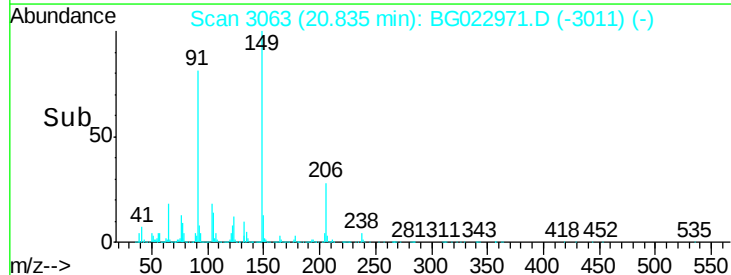
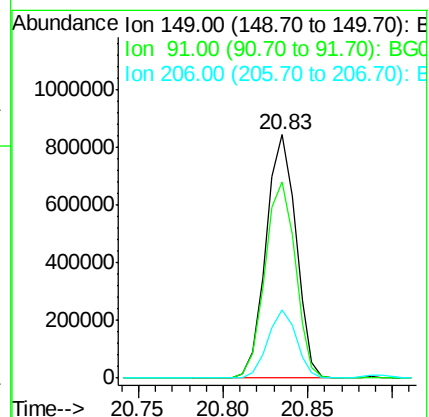
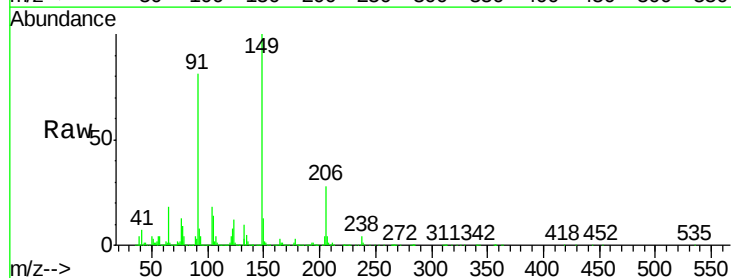
Tgt Ion:149 Resp: 1042366

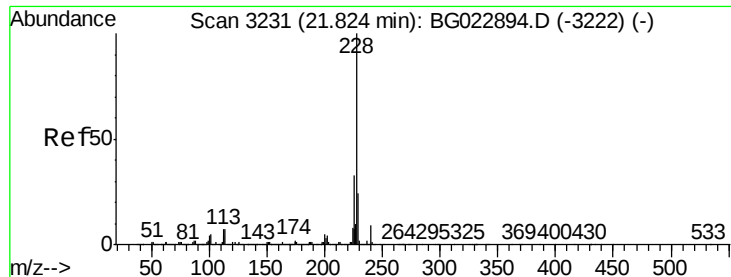
Ion Ratio Lower Upper

149 100

91 80.8 68.1 102.1

206 27.9 19.8 29.6



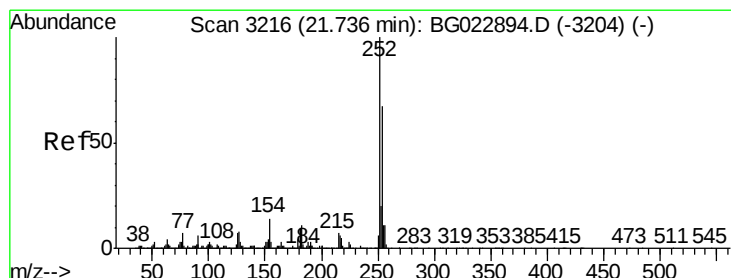
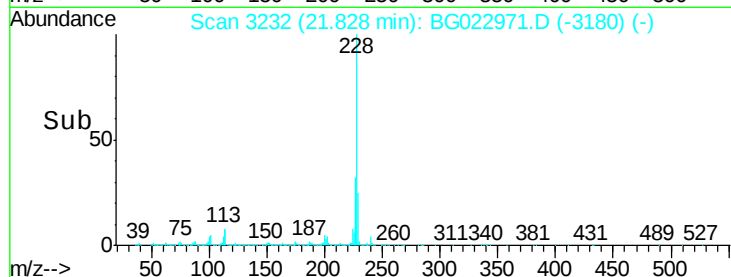
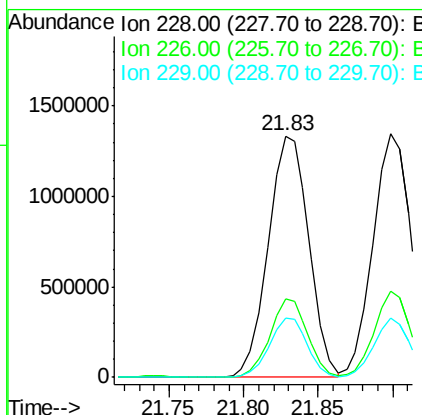
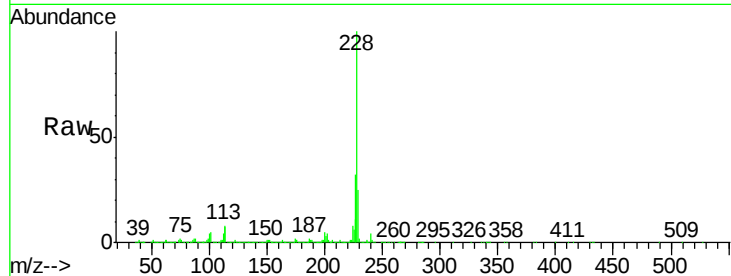


#80
Benzo(a)anthracene
Concen: 48.59 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

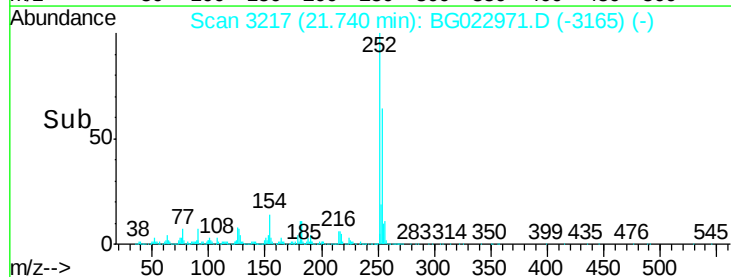
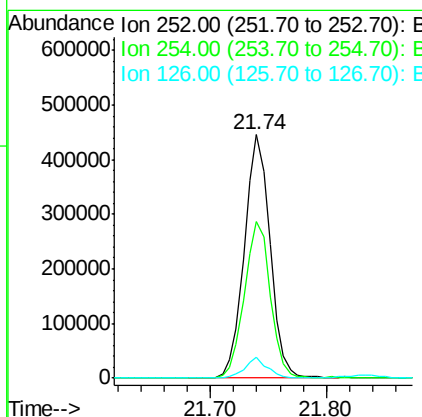
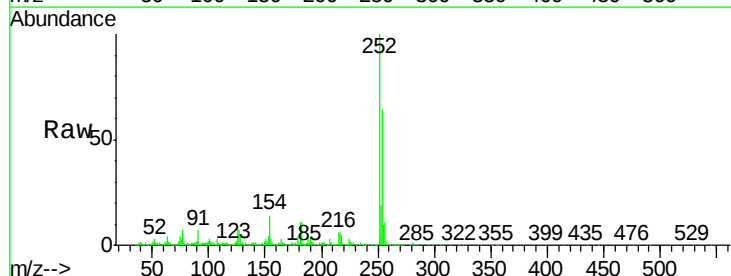
Tgt Ion:228 Resp: 2512267
Ion Ratio Lower Upper
228 100
226 32.4 25.3 37.9
229 24.7 19.9 29.9

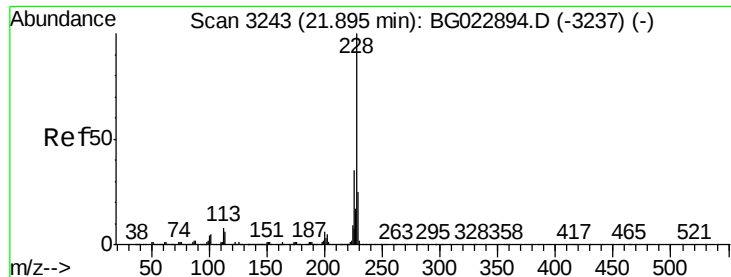
SOHIL
7/11/2016 6:46:40 AM



#81
3,3'-Dichlorobenzidine
Concen: 30.45 ng
RT: 21.74 min Scan# 3217
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:252 Resp: 690929
Ion Ratio Lower Upper
252 100
254 64.1 51.2 76.8
126 8.3 5.3 7.9#



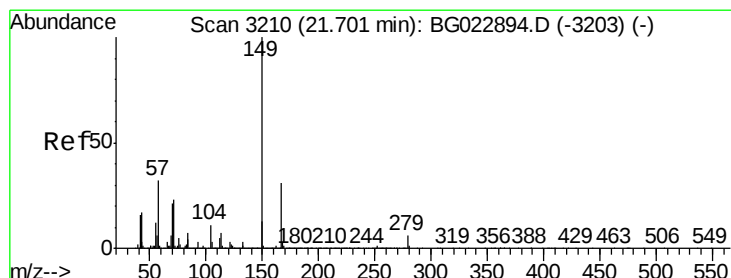
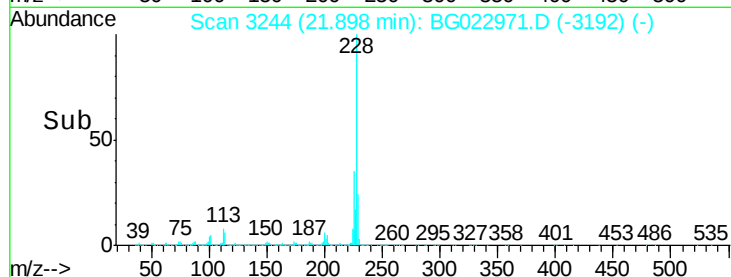
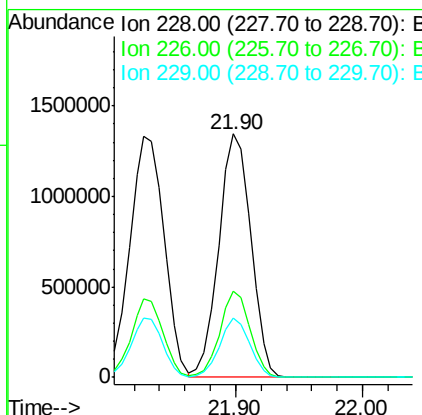
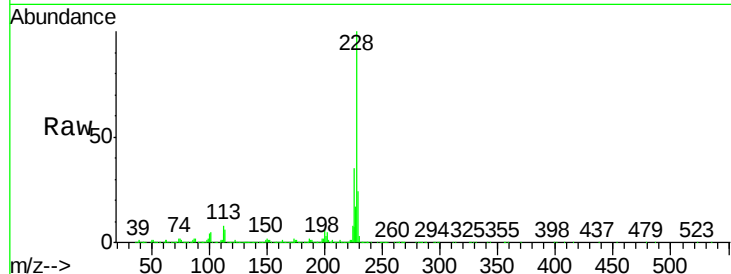


#82
Chrysene
Concen: 48.74 ng
RT: 21.90 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

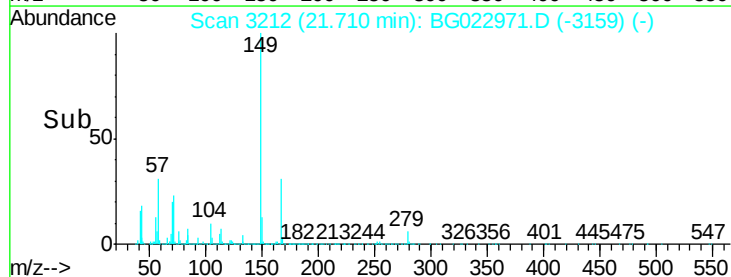
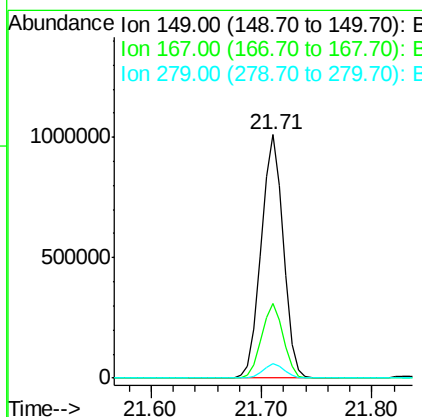
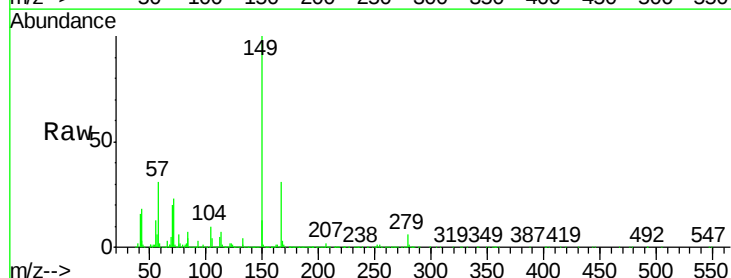
Tgt Ion: 228 Resp: 2363813
Ion Ratio Lower Upper
228 100
226 35.5 26.7 40.1
229 24.1 17.4 26.2

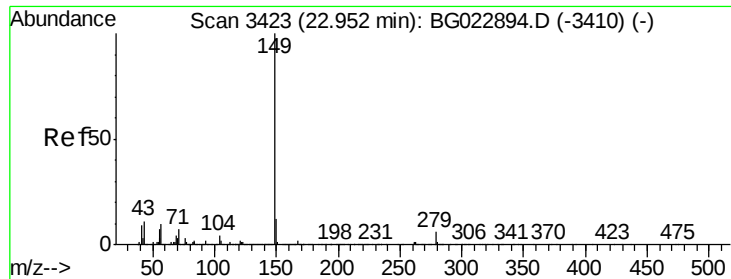
SOHIL
7/11/2016 6:46:40 AM



#83
Bis(2-ethylhexyl)phthalate
Concen: 49.90 ng
RT: 21.71 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion: 149 Resp: 1425194
Ion Ratio Lower Upper
149 100
167 30.7 24.0 36.0
279 5.9 4.8 7.2





#84

Di-n-octyl phthalate

Concen: 49.84 ng

RT: 22.97 min Scan# 3426

Delta R.T. 0.02 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

Instrument :

BNA_G

ClientSampleId :

PB91968BS

Tgt Ion:149 Resp: 2373681

Ion Ratio Lower Upper

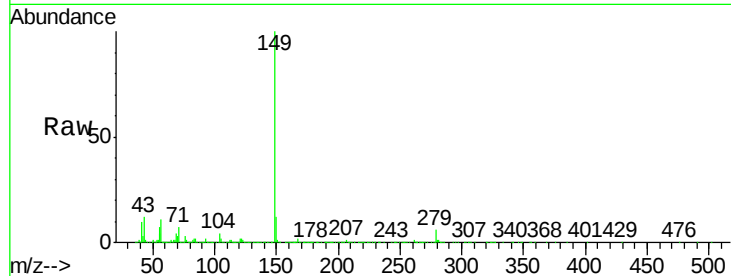
149 100

167 1.9 1.5 2.3

43 10.4 8.8 13.2

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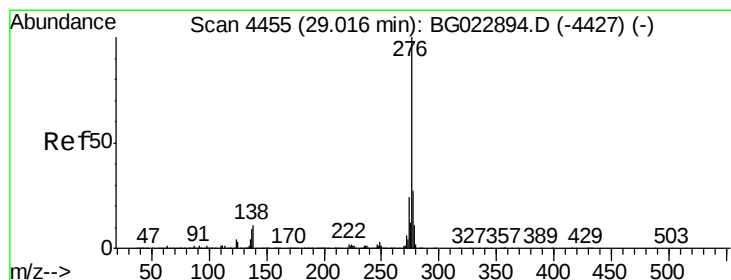
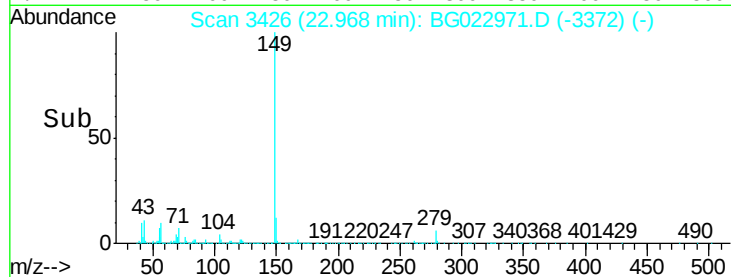
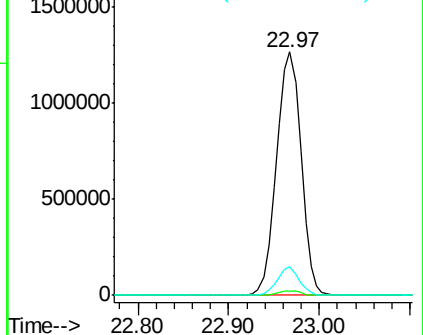
7/11/2016 6:46:40 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 49.50 ng

RT: 29.06 min Scan# 4463

Delta R.T. 0.04 min

Lab File: BG022971.D

Acq: 9 Jul 2016 18:48

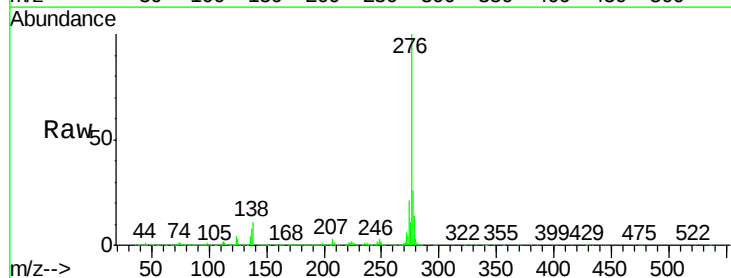
Tgt Ion:276 Resp: 3060628

Ion Ratio Lower Upper

276 100

138 7.2 0.0 0.0#

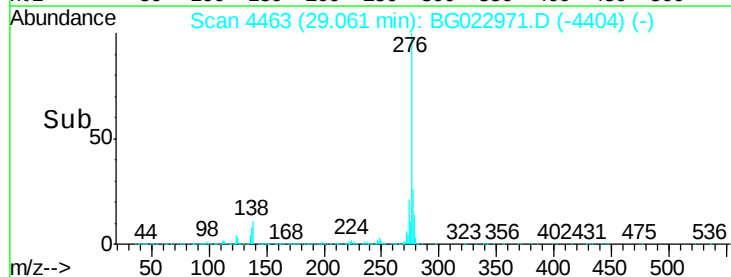
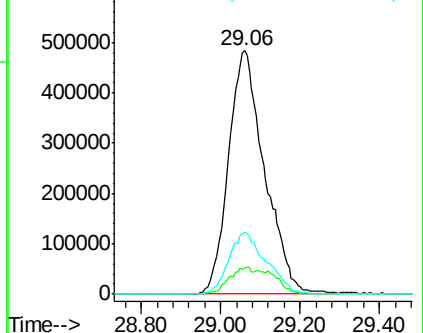
277 26.2 0.0 0.0#

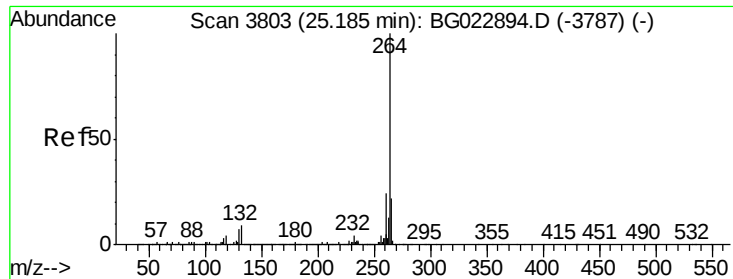


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



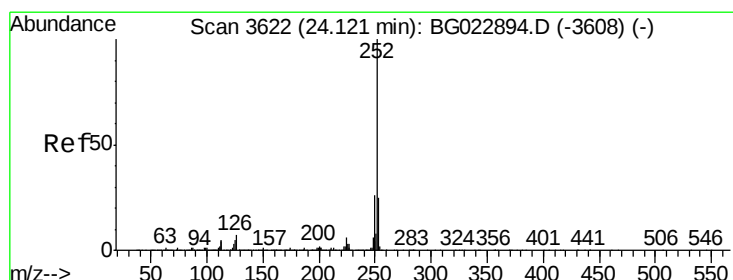
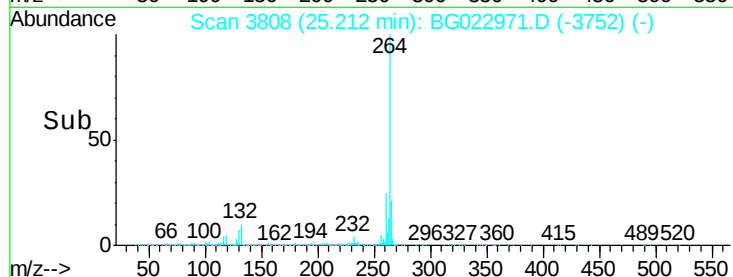
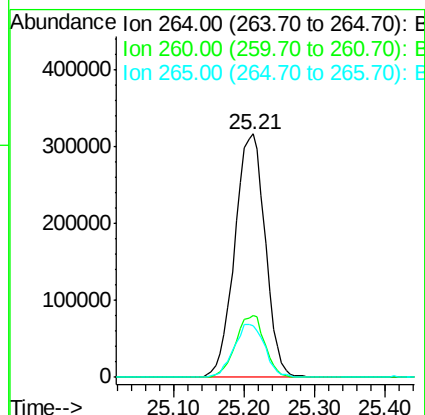
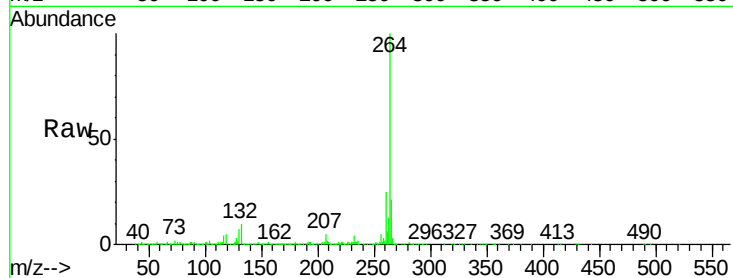


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.03 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

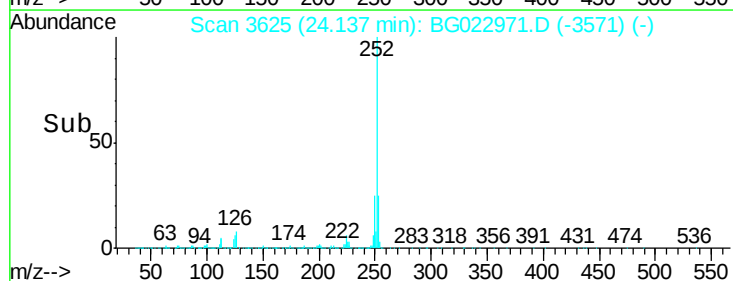
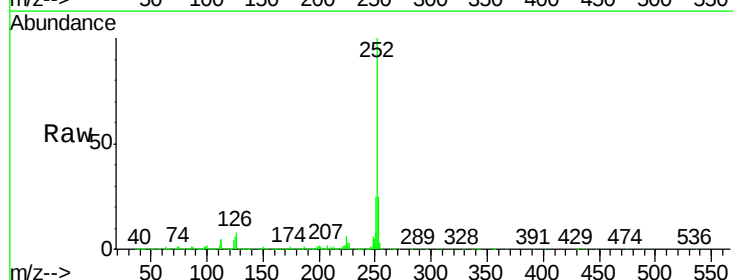
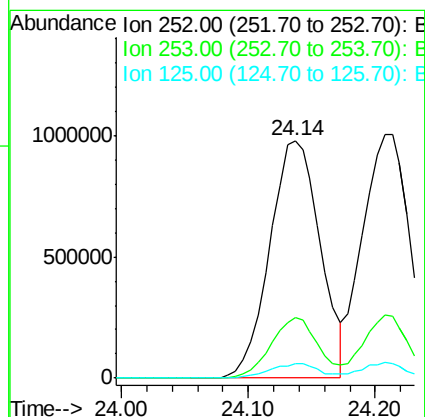
Tgt Ion:264 Resp: 951660
Ion Ratio Lower Upper
264 100
260 25.3 18.4 27.6
265 21.2 18.9 28.3

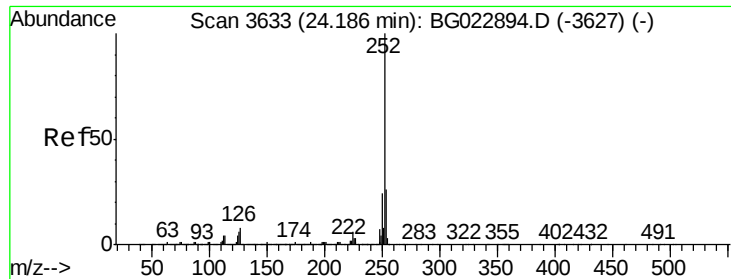
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#87
Benzo(b)fluoranthene
Concen: 49.36 ng
RT: 24.14 min Scan# 3625
Delta R.T. 0.02 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:252 Resp: 2710042
Ion Ratio Lower Upper
252 100
253 25.5 18.9 28.3
125 5.9 3.9 5.9#



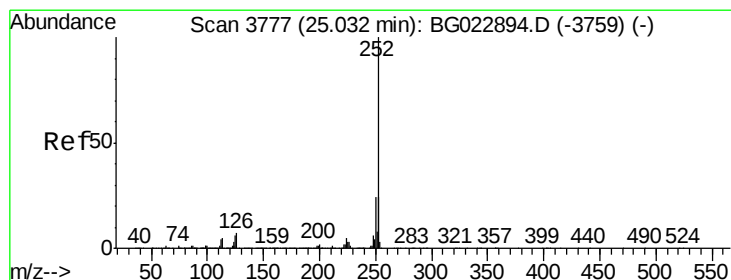
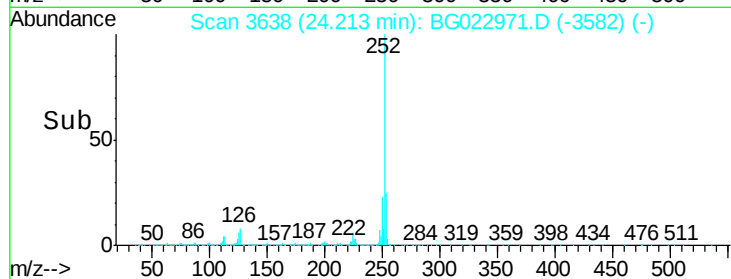
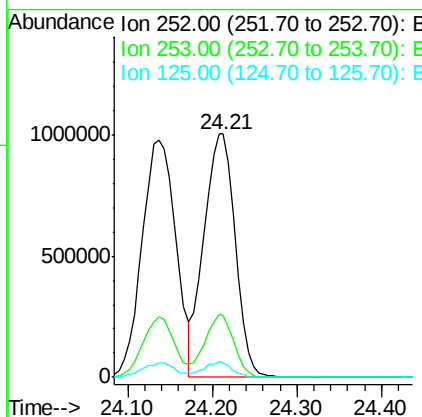
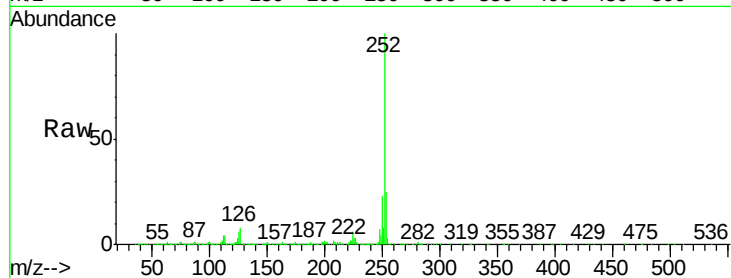


#88
Benzo(k)fluoranthene
Concen: 49.81 ng
RT: 24.21 min Scan# 3638
Delta R.T. 0.03 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Instrument :
BNA_G
ClientSampleId :
PB91968BS

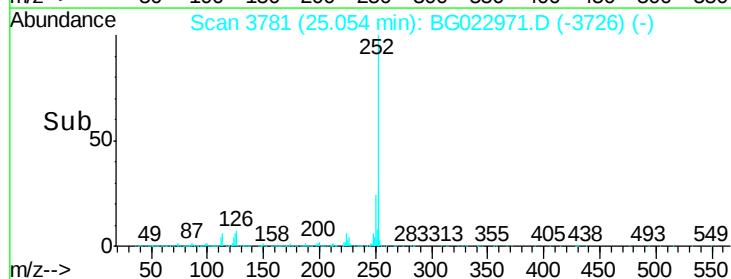
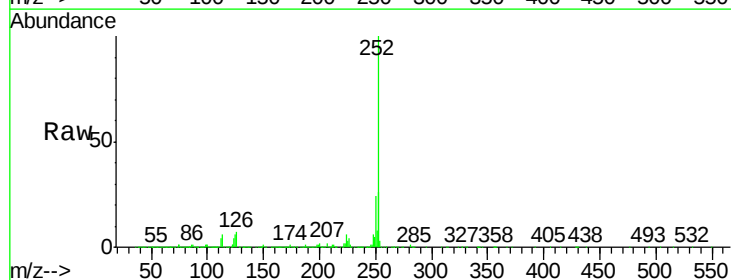
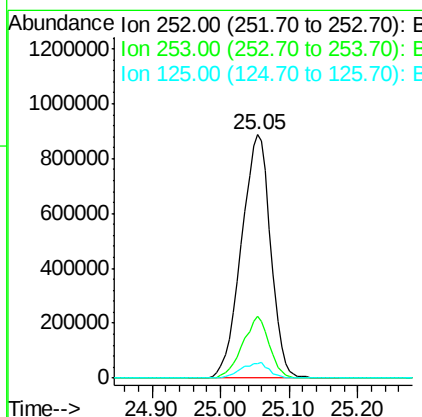
Tgt Ion:252 Resp: 2595316
Ion Ratio Lower Upper
252 100
253 25.3 18.8 28.2
125 6.2 3.2 4.8#

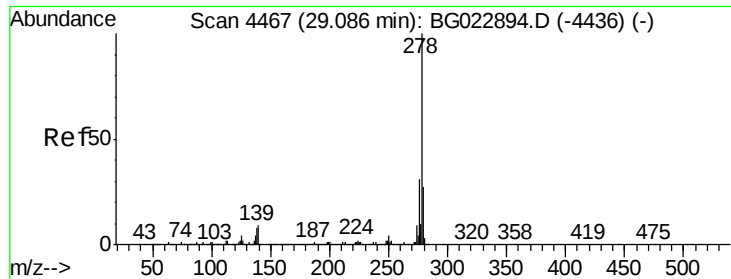
SOHIL
7/11/2016 6:46:40 AM



#89
Benzo(a)pyrene
Concen: 49.96 ng
RT: 25.05 min Scan# 3781
Delta R.T. 0.02 min
Lab File: BG022971.D
Acq: 9 Jul 2016 18:48

Tgt Ion:252 Resp: 2629552
Ion Ratio Lower Upper
252 100
253 25.6 18.7 28.1
125 6.0 3.9 5.9#



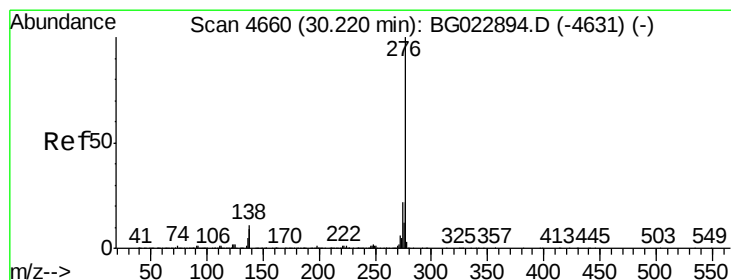
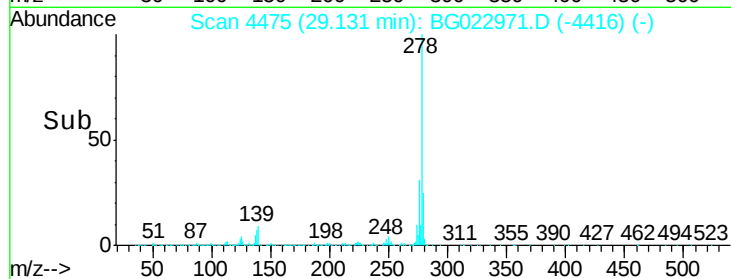
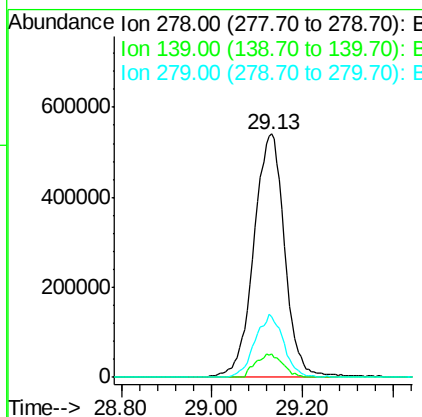
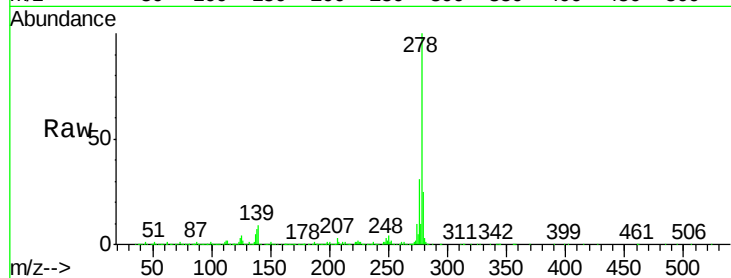


#90
 Dibenzo(a,h)anthracene
 Concen: 48.99 ng
 RT: 29.13 min Scan# 4475
 Delta R.T. 0.04 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91968BS

Tgt Ion:278 Resp: 2558895
 Ion Ratio Lower Upper
 278 100
 139 9.4 4.7 7.1#
 279 24.9 18.3 27.5

SOHIL
 7/11/2016 6:46:40 AM



#91
 Benzo(g,h,i)perylene
 Concen: 48.45 ng
 RT: 30.27 min Scan# 4669
 Delta R.T. 0.05 min
 Lab File: BG022971.D
 Acq: 9 Jul 2016 18:48

Tgt Ion:276 Resp: 2534406
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.6 27.8
 138 11.2 6.8 10.2#

