

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023052.D
 Acq On : 13 Jul 2016 2:07
 Operator : UM/SJ
 Sample : PB92058BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

Quant Time: Jul 13 04:36:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

umangi

7/13/2016 6:28:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	99346	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	461678	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	354934	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	861695	20.00	ng	0.00
75) Chrysene-d12	21.87	240	937767	20.00	ng	0.02
86) Perylene-d12	25.25	264	951989	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	924856	152.26	ng	0.00
7) Phenol-d6	7.31	99	1406738	147.86	ng	0.00
23) Nitrobenzene-d5	9.32	82	994972	92.28	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	748632	117.36	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1998141	88.67	ng	0.00
78) Terphenyl-d14	20.16	244	2870667	107.33	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	295789	36.61	ng	# 93
4) n-Nitrosodimethylamine	3.88	42	153723	44.35	ng	# 92
6) Aniline	7.47	93	262040	19.87	ng	95
8) 2-Chlorophenol	7.71	128	325123	50.30	ng	96
9) Benzaldehyde	7.28	77	183084	28.80	ng	91
10) Phenol	7.34	94	505872	51.68	ng	89
11) bis(2-Chloroethyl)ether	7.56	93	334739	43.14	ng	92
12) 1,3-Dichlorobenzene	8.04	146	335975	42.46	ng	98
13) 1,4-Dichlorobenzene	8.19	146	345947	43.67	ng	95
14) 1,2-Dichlorobenzene	8.51	146	326627	41.47	ng	97
15) Benzyl Alcohol	8.39	79	431085	49.47	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	413024	43.58	ng	97
17) 2-Methylphenol	8.60	107	325108	51.02	ng	93
18) Hexachloroethane	9.24	117	141185	42.22	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	351495	40.98	ng	94
20) 3+4-Methylphenols	8.92	107	448151	50.43	ng	95
22) Acetophenone	8.98	105	578667	41.76	ng	# 93
24) Nitrobenzene	9.37	77	523755	45.71	ng	# 91
25) Isophorone	9.89	82	907798	41.86	ng	97
26) 2-Nitrophenol	10.09	139	200689	44.64	ng	89
27) 2,4-Dimethylphenol	10.14	122	348161	44.80	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	512831	42.40	ng	98
29) 2,4-Dichlorophenol	10.62	162	396200	47.80	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	397625	41.87	ng	95
31) Naphthalene	11.03	128	1019987	43.40	ng	99
32) Benzoic acid	10.28	122	244274	34.55	ng	# 90
33) 4-Chloroaniline	11.14	127	104404	9.08	ng	95
34) Hexachlorobutadiene	11.31	225	301509	39.16	ng	95
35) Caprolactam	11.91	113	137624m	40.36	ng	
36) 4-Chloro-3-methylphenol	12.26	107	503696	44.43	ng	98
37) 2-Methylnaphthalene	12.63	142	806139	43.40	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	539453	35.27	ng	100
40) Hexachlorocyclopentadiene	12.97	237	674943	76.65	ng	98
42) 2,4,6-Trichlorophenol	13.23	196	382353	43.49	ng	99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023052.D
 Acq On : 13 Jul 2016 2:07
 Operator : UM/SJ
 Sample : PB92058BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

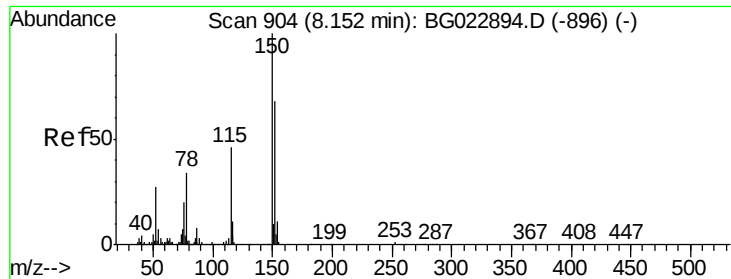
Quant Time: Jul 13 04:36:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

umangi

7/13/2016 6:28:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	401958	44.52	nq	95
45) 1,1'-Biphenyl	13.63	154	1140724	42.83	nq	97
46) 2-Chloronaphthalene	13.68	162	961689	44.52	nq	97
47) 2-Nitroaniline	13.88	65	414277	44.94	nq	98
48) Acenaphthylene	14.52	152	1435413	44.29	nq	99
49) Dimethylphthalate	14.25	163	1249974	43.11	nq	97
50) 2,6-Dinitrotoluene	14.37	165	296164	45.45	nq	86
51) Acenaphthene	14.86	154	949548	44.84	nq	98
52) 3-Nitroaniline	14.71	138	135576	20.87	nq	88
53) 2,4-Dinitrophenol	14.91	184	351934	78.72	nq	95
54) Dibenzofuran	15.20	168	1505512	47.50	nq	98
55) 4-Nitrophenol	15.02	139	452533	83.09	nq	94
56) 2,4-Dinitrotoluene	15.16	165	431617	45.44	nq	# 94
57) Fluorene	15.85	166	1234657	45.26	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	426045m	47.17	nq	
59) Diethylphthalate	15.61	149	1315523	44.59	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	731042	44.00	nq	96
61) 4-Nitroaniline	15.88	138	286929	40.81	nq	# 85
62) Azobenzene	16.13	77	1474203	52.25	nq	95
64) 4,6-Dinitro-2-methylphenol	15.93	198	262058	40.92	nq	95
65) n-Nitrosodiphenylamine	16.06	169	1151466	46.38	nq	96
66) 4-Bromophenyl-phenylether	16.74	248	492780	43.95	nq	96
67) Hexachlorobenzene	16.86	284	513659	42.14	nq	99
68) Atrazine	17.00	200	494609	44.91	nq	97
69) Pentachlorophenol	17.21	266	659826	83.59	nq	98
70) Phenanthrene	17.61	178	1957649	46.36	nq	98
71) Anthracene	17.70	178	1990363	46.55	nq	99
72) Carbazole	17.97	167	1742587	47.16	nq	98
73) Di-n-butylphthalate	18.51	149	2080100	50.62	nq	99
74) Fluoranthene	19.61	202	2279837	43.99	nq	97
76) Benzidine	19.79	184	929148	34.56	nq	99
77) Pyrene	19.98	202	2294530	43.54	nq	99
79) Butylbenzylphthalate	20.85	149	1029030	49.30	nq	98
80) Benzo(a)anthracene	21.85	228	2429920	46.31	nq	99
81) 3,3'-Dichlorobenzidine	21.76	252	566243	24.59	nq	# 98
82) Chrysene	21.92	228	2263792	46.00	nq	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1396615	48.19	nq	98
84) Di-n-octyl phthalate	23.00	149	2331515	48.24	nq	100
85) Indeno(1,2,3-cd)pyrene	29.13	276	2789295	44.45	nq	# 100
87) Benzo(b)fluoranthene	24.18	252	2609198m	47.51	nq	
88) Benzo(k)fluoranthene	24.25	252	2426561	46.55	nq	# 96
89) Benzo(a)pyrene	25.09	252	2507390	47.62	nq	# 99
90) Dibenzo(a,h)anthracene	29.20	278	2336117	44.71	nq	# 97
91) Benzo(q,h,i)perylene	30.35	276	2288664	43.73	nq	# 94

(#) = 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: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:152 Resp: 99346

Ion Ratio Lower Upper

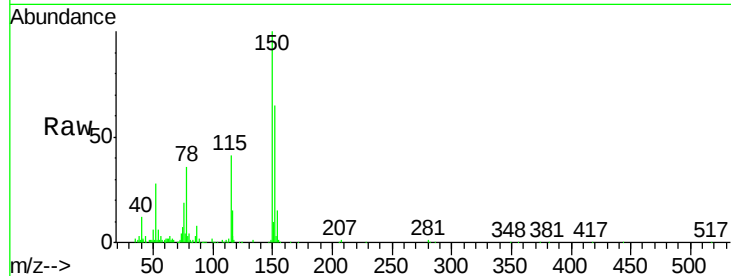
152 100

150 153.7 144.7 217.1

115 63.7 64.0 96.0#

umangi

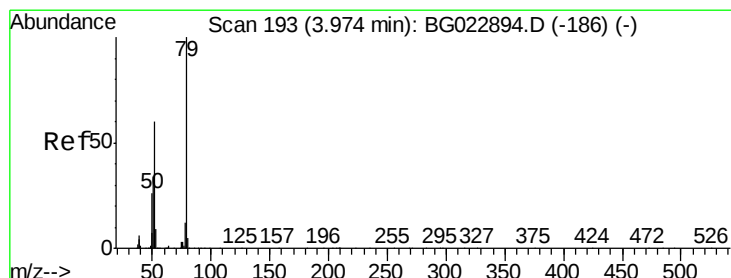
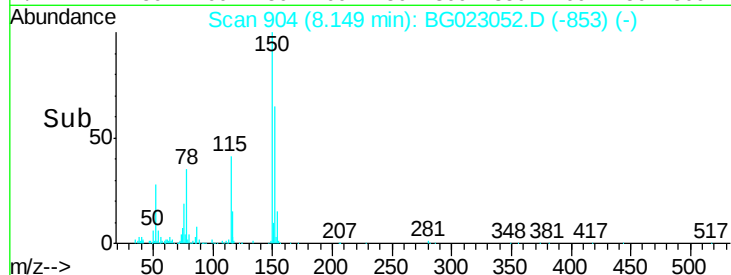
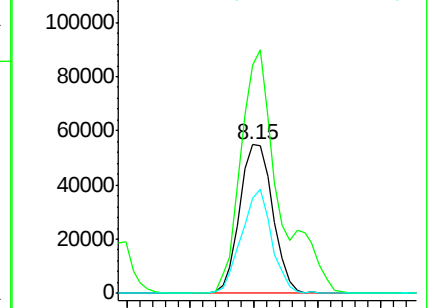
7/13/2016 6:28:41 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 36.61 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

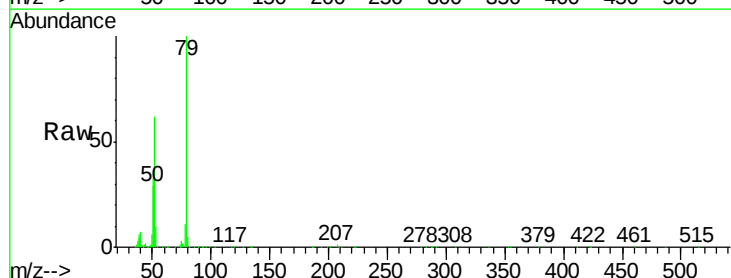
Tgt Ion: 79 Resp: 295789

Ion Ratio Lower Upper

79 100

52 62.3 51.8 77.8

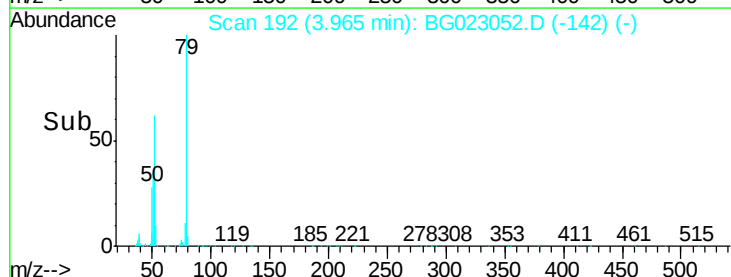
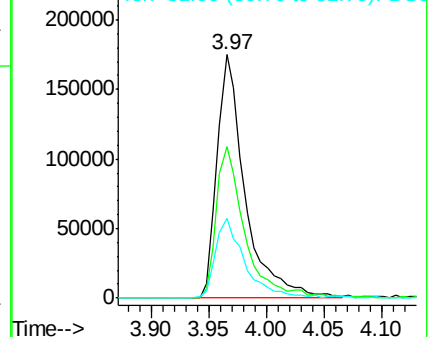
51 32.7 32.7 49.1#

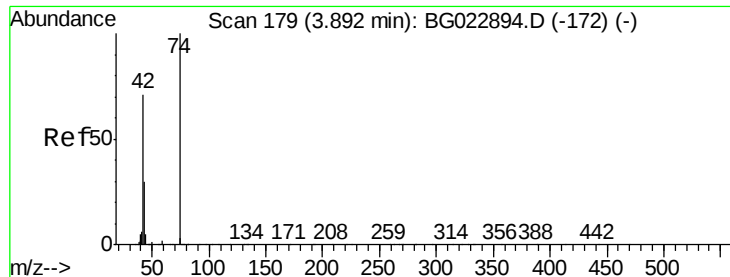


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#4

n-Nitrosodimethylamine

Concen: 44.35 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion: 42 Resp: 153723

Ion Ratio Lower Upper

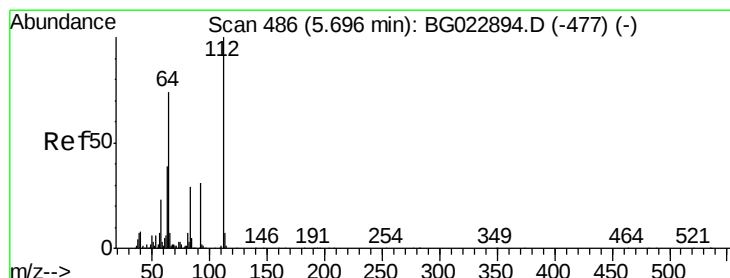
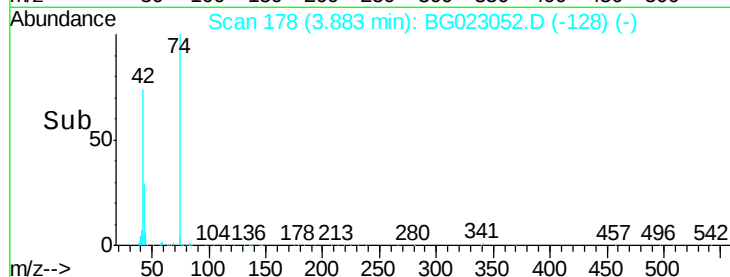
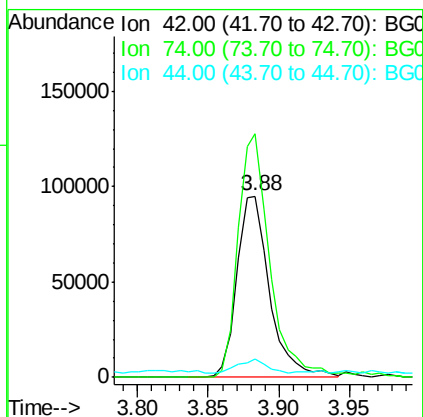
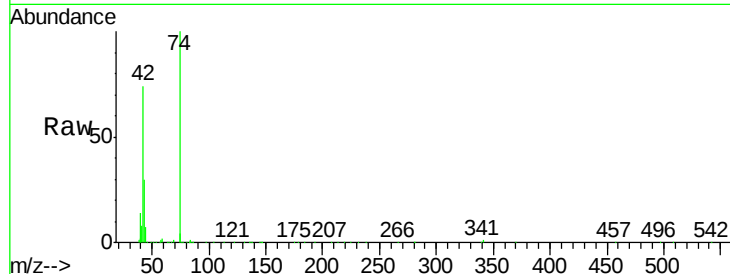
42 100

74 134.6 100.6 150.8

44 9.9 4.5 6.7#

umangi

7/13/2016 6:28:41 PM



#5

2-Fluorophenol

Concen: 152.26 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

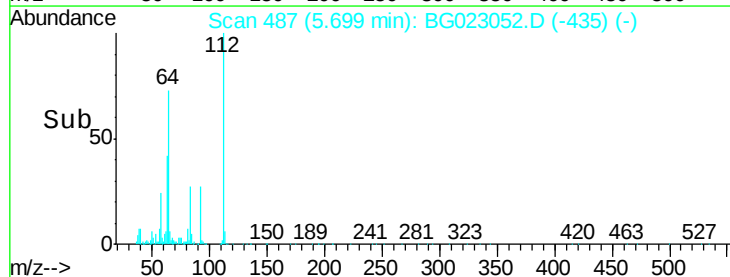
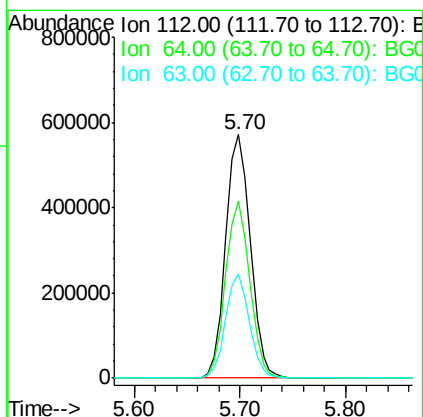
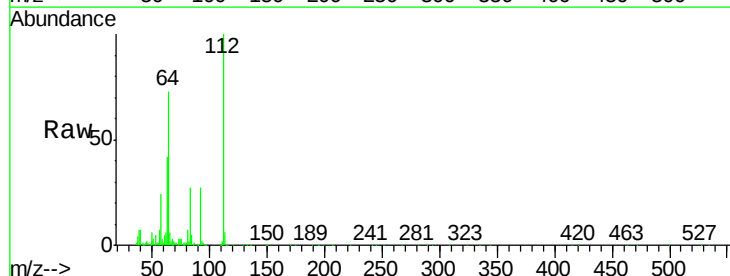
Tgt Ion: 112 Resp: 924856

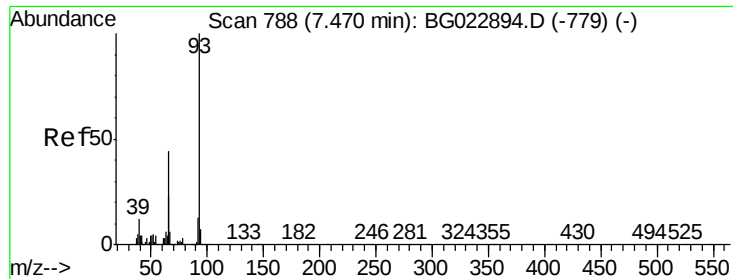
Ion Ratio Lower Upper

112 100

64 72.8 59.0 88.4

63 42.5 37.8 56.8





#6

Aniline

Concen: 19.87 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

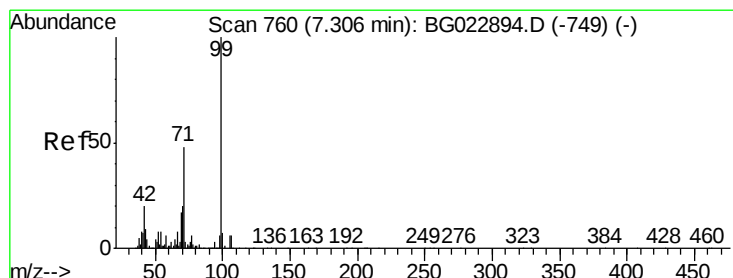
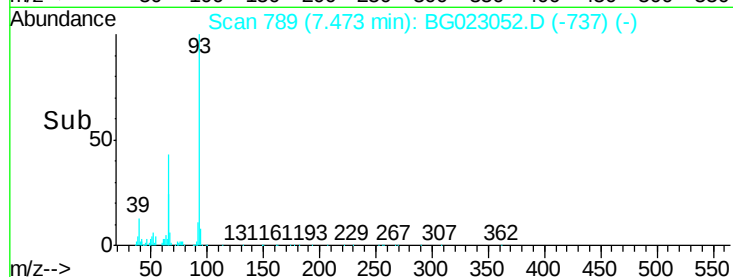
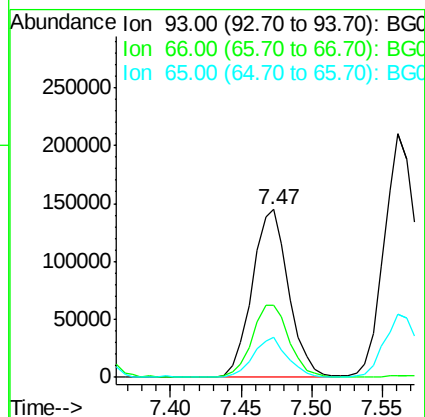
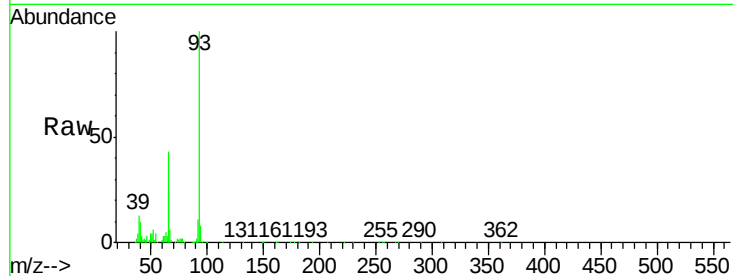
ClientSampleId :

PB92058BS

Tot Ion:	93	Resp:	262040
Ion	Ratio	Lower	Upper
93	100		
66	42.7	37.5	56.3
65	23.7	17.9	26.9

umangi

7/13/2016 6:28:41 PM



#7

Phenol-d6

Concen: 147.86 ng

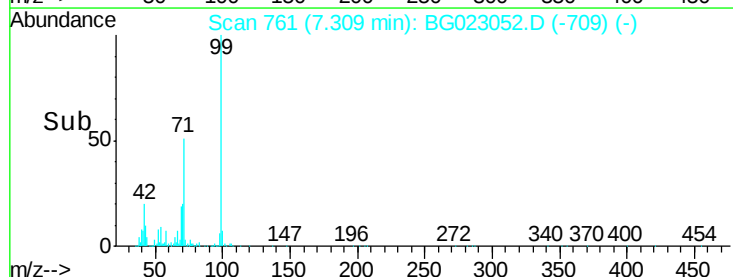
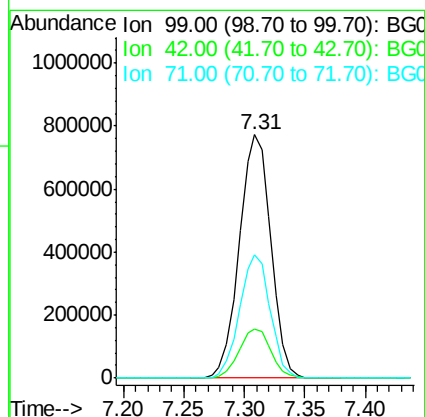
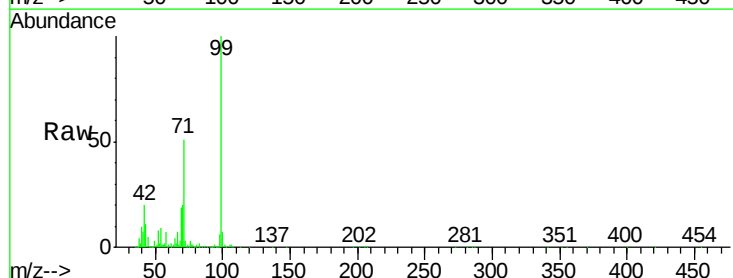
RT: 7.31 min Scan# 761

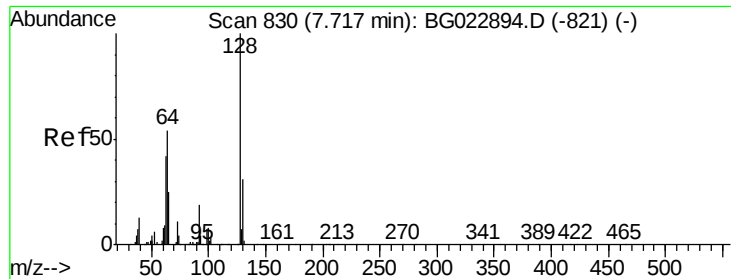
Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tgt Ion:	99	Resp:	1406738
Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	50.6	41.5	62.3





#8

2-Chlorophenol

Concen: 50.30 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:128 Resp: 325123

Ion Ratio Lower Upper

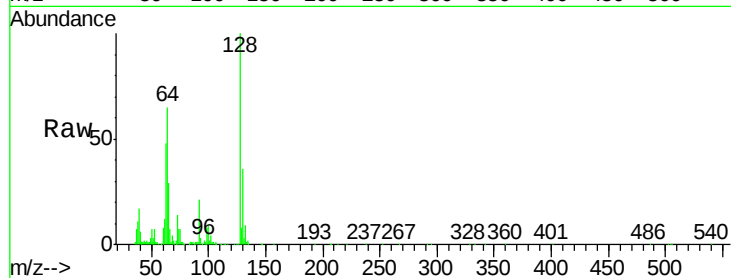
128 100

130 35.6 12.9 52.9

64 64.7 42.0 82.0

umangi

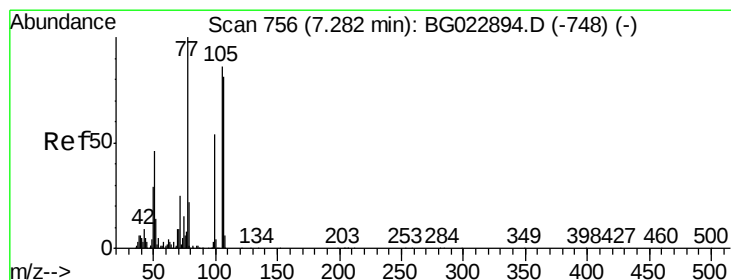
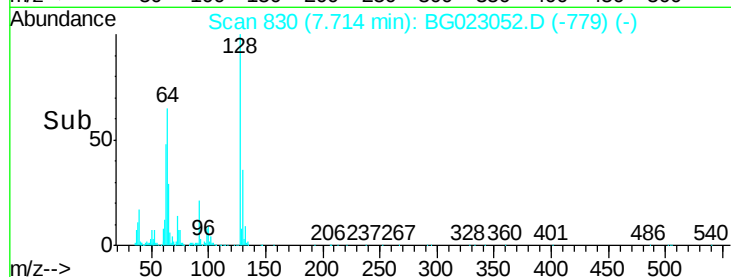
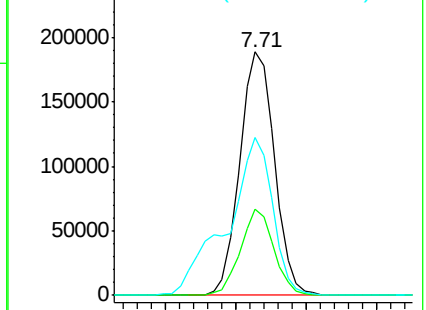
7/13/2016 6:28:41 PM



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 28.80 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

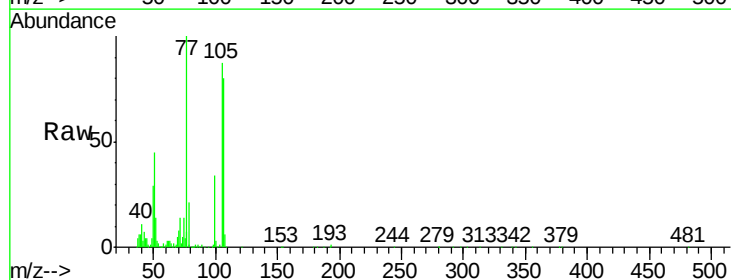
Tgt Ion: 77 Resp: 183084

Ion Ratio Lower Upper

77 100

105 86.8 58.7 98.7

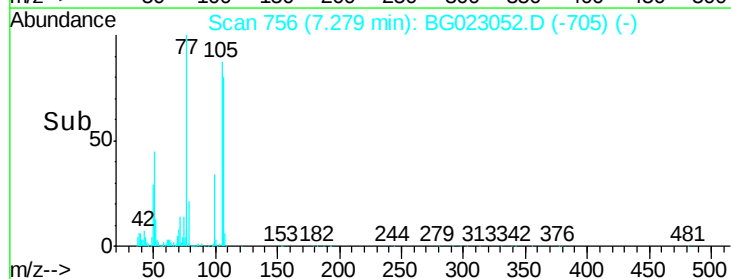
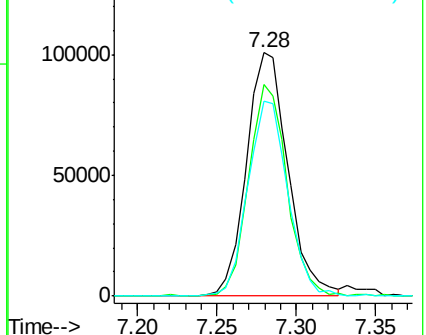
106 80.0 67.5 107.5

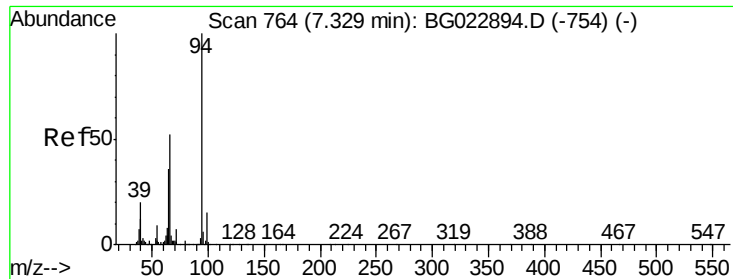


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 51.68 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion: 94 Resp: 505872

Ion Ratio Lower Upper

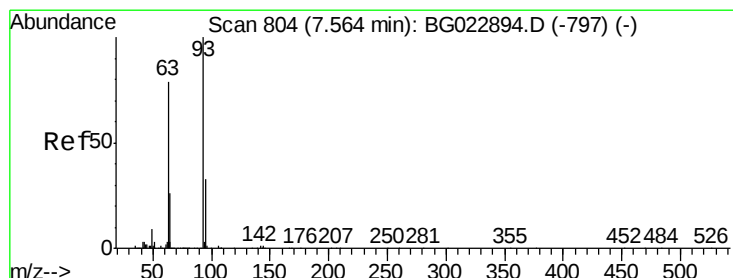
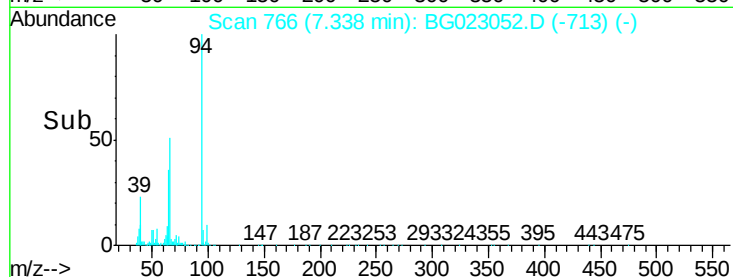
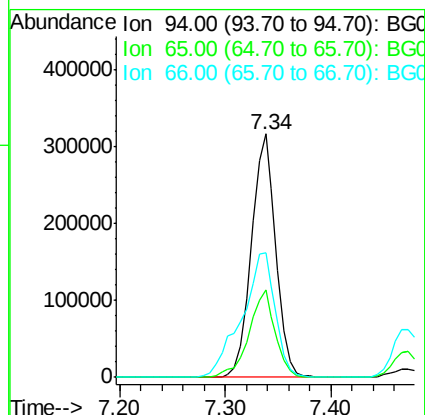
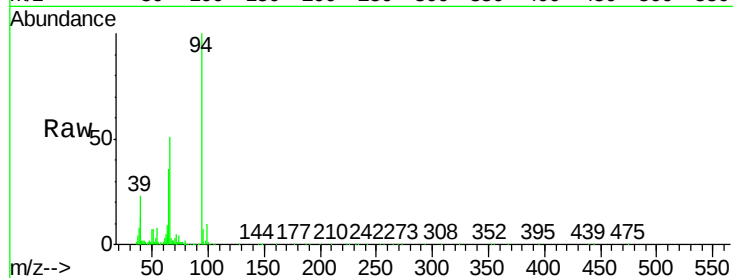
94 100

65 35.7 18.1 58.1

66 51.0 42.1 82.1

umangi

7/13/2016 6:28:41 PM



#11

bis(2-Chloroethyl)ether

Concen: 43.14 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

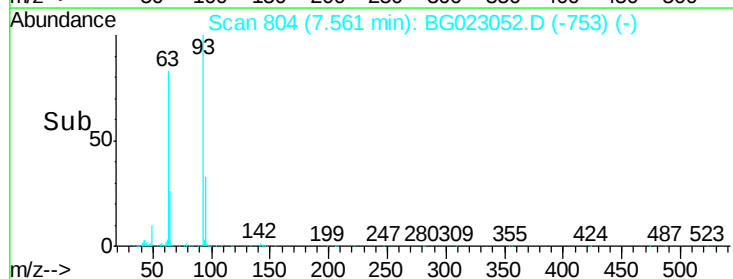
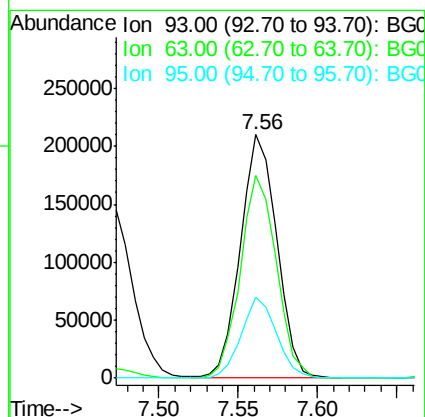
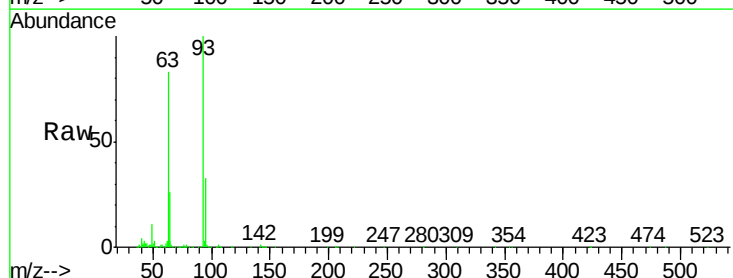
Tgt Ion: 93 Resp: 334739

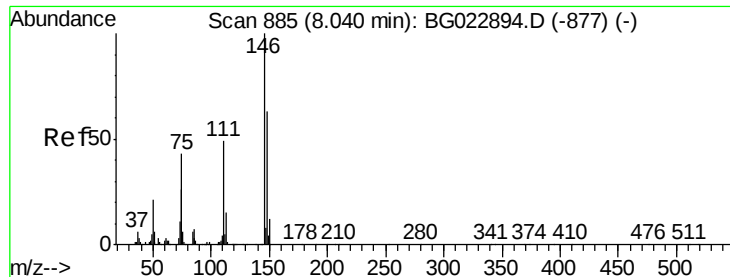
Ion Ratio Lower Upper

93 100

63 83.5 55.0 95.0

95 33.1 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 42.46 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

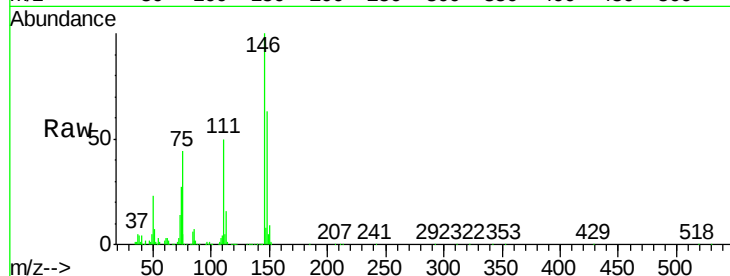
ClientSampleId :

PB92058BS

Tot Ion:146	Resp:	335975
Ion Ratio	Lower	Upper
146	100	
148	63.2	50.3 75.5
75	43.8	37.0 55.6

umangi

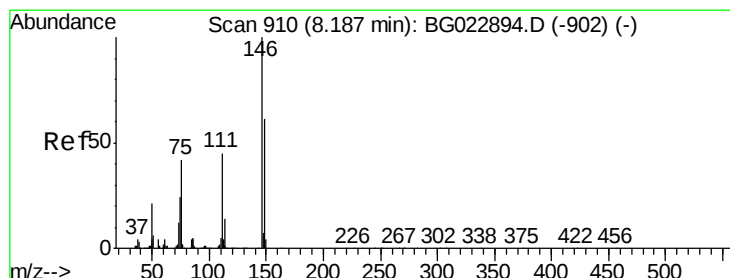
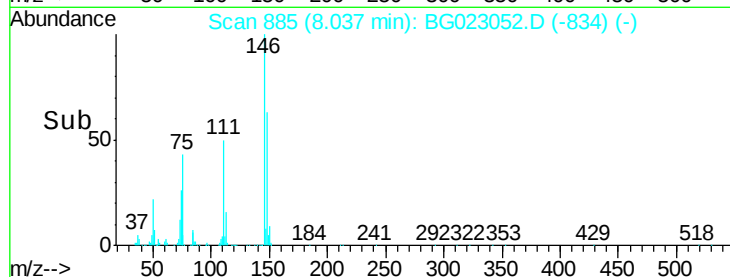
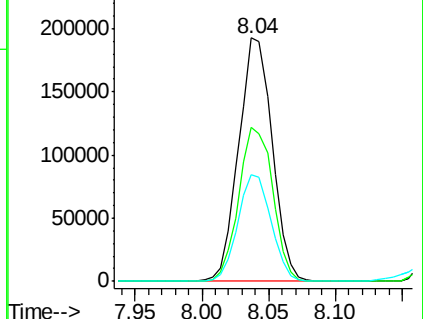
7/13/2016 6:28:41 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 43.67 ng

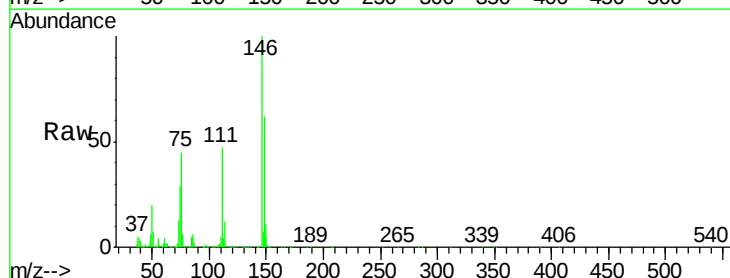
RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

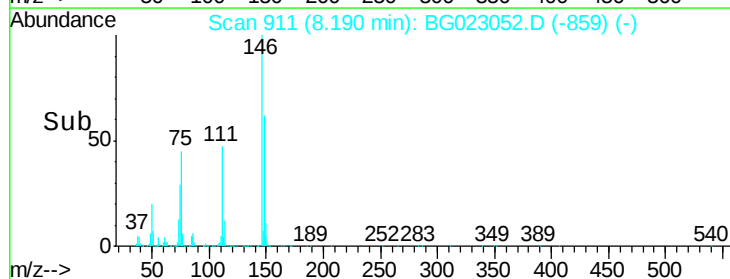
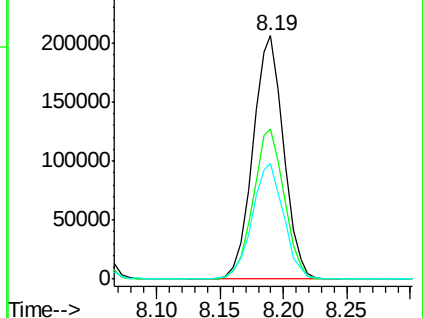
Tgt Ion:146	Resp:	345947
Ion Ratio	Lower	Upper
146	100	
148	61.9	54.5 81.7
111	47.5	37.8 56.8

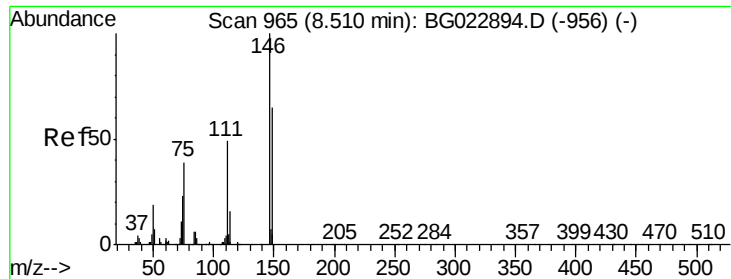


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





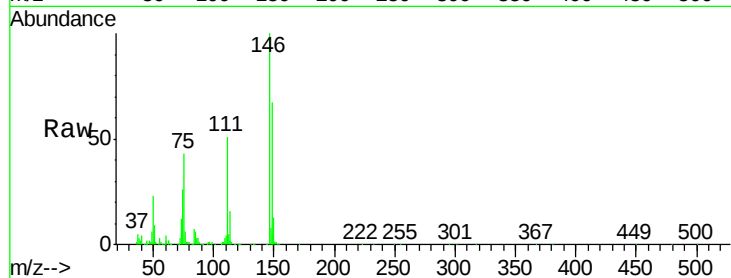
#14
1,2-Dichlorobenzene
Concen: 41.47 ng
RT: 8.51 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.9	79.3
111	51.2	43.5	65.3

umangi

7/13/2016 6:28:41 PM

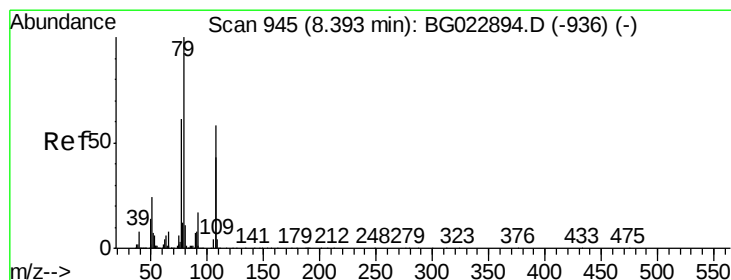
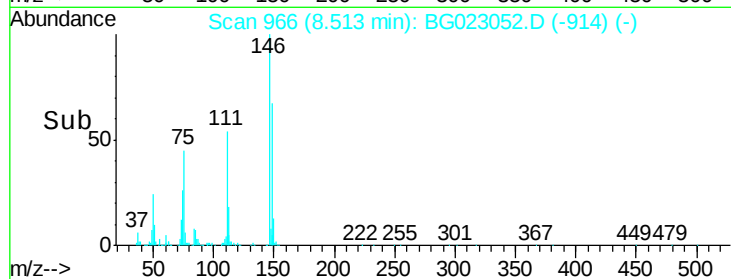
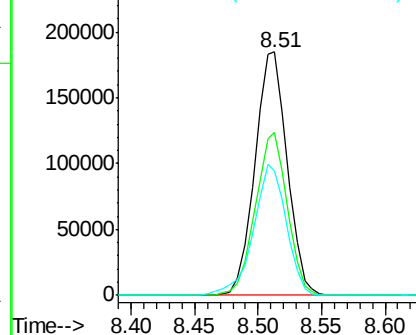


Abundance

Ion 146.00 (145.70 to 146.70): E

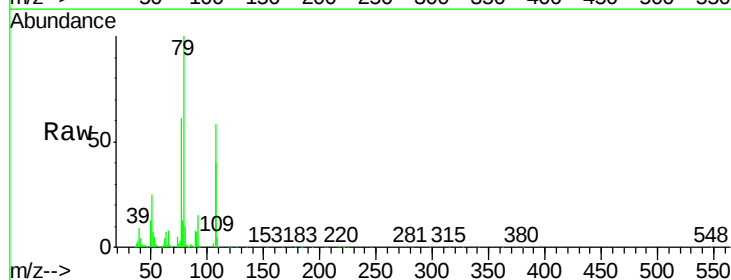
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15
Benzyl Alcohol
Concen: 49.47 ng
RT: 8.39 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
79	100		
108	58.3	46.5	69.7
77	61.4	52.3	78.5

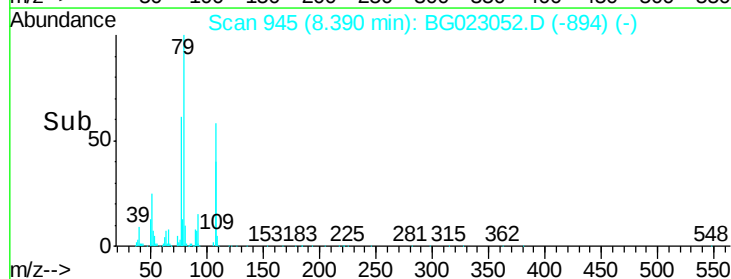
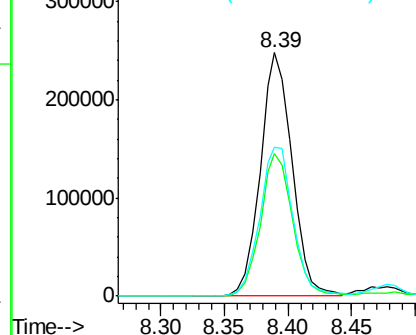


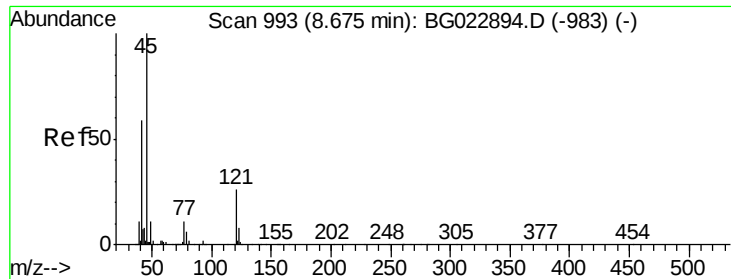
Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





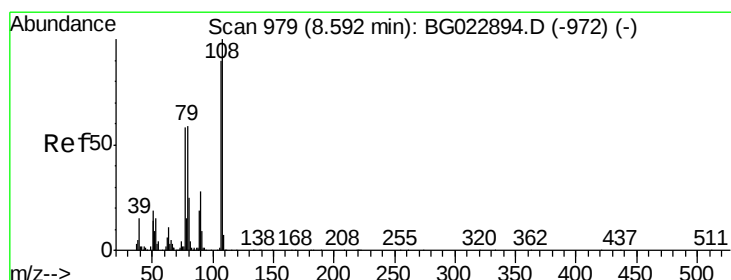
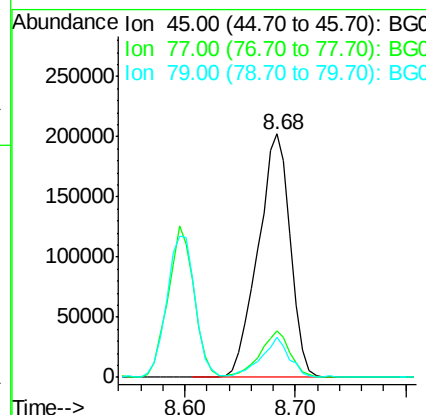
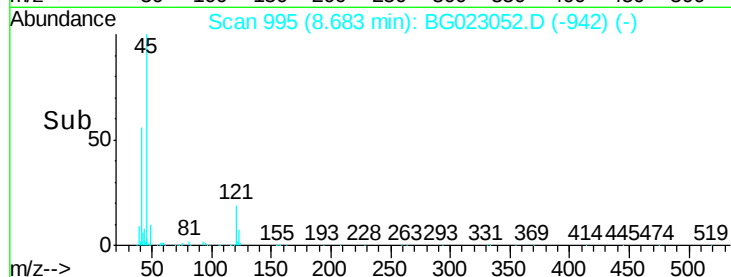
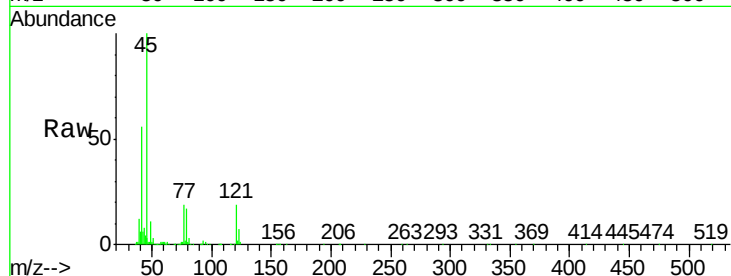
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 43.58 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion:	45	Resp:	413024
Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.6	40.6
79	16.7	0.0	36.2

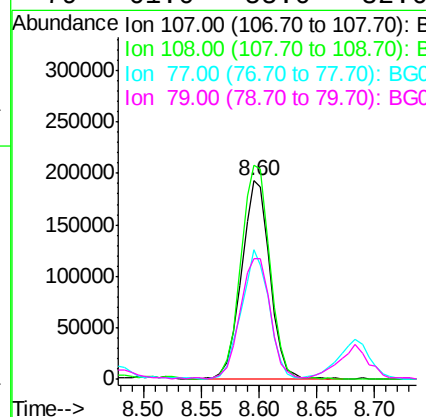
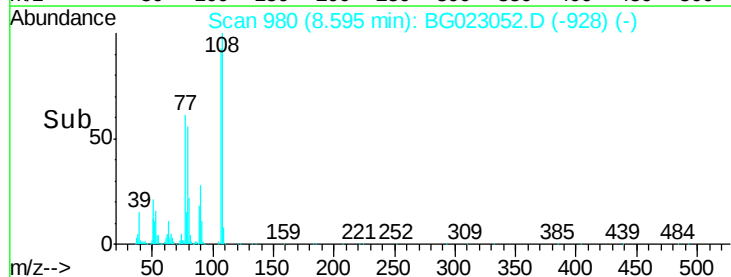
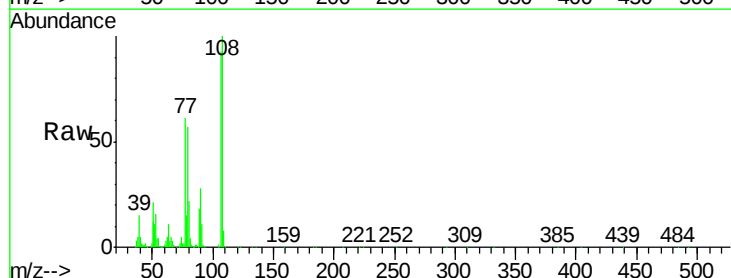
umangi

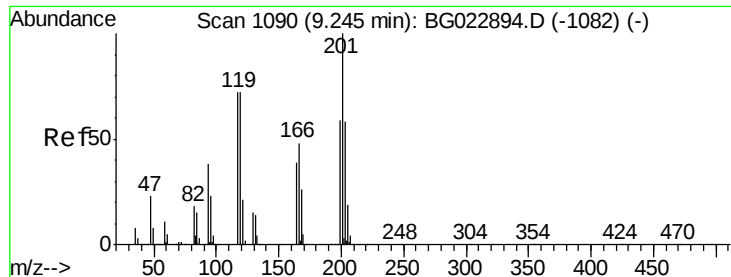
7/13/2016 6:28:41 PM



#17
2-Methylphenol
Concen: 51.02 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion:	107	Resp:	325108
Ion	Ratio	Lower	Upper
107	100		
108	107.8	92.0	138.0
77	65.5	55.8	83.6
79	61.0	55.0	82.6





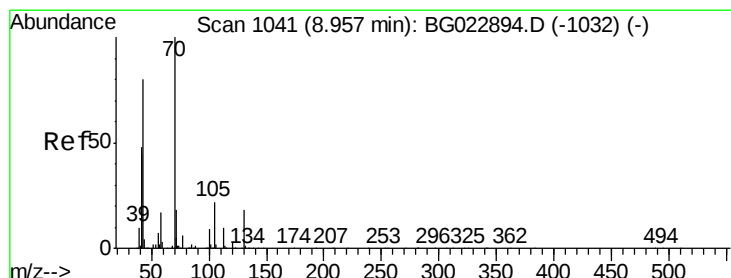
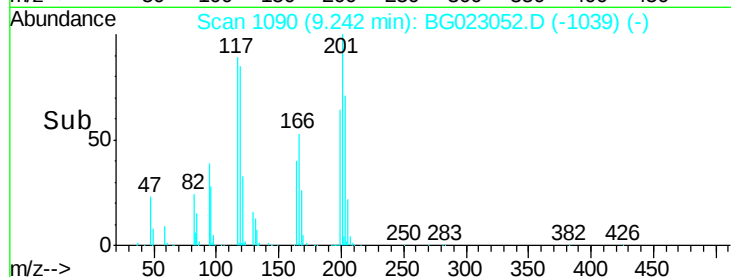
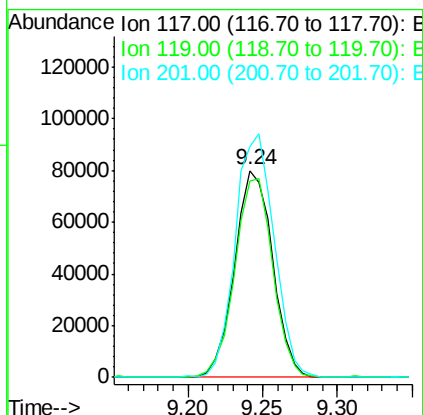
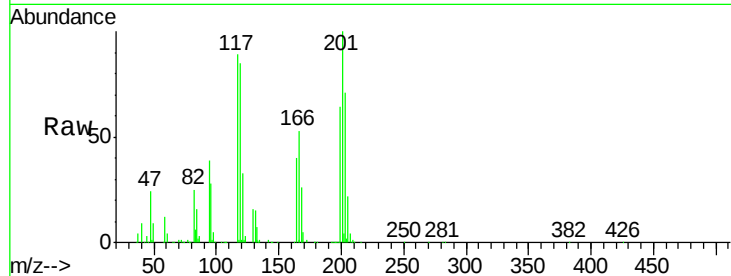
#18
Hexachloroethane
Concen: 42.22 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.7	110.5
201	116.3	88.7	133.1

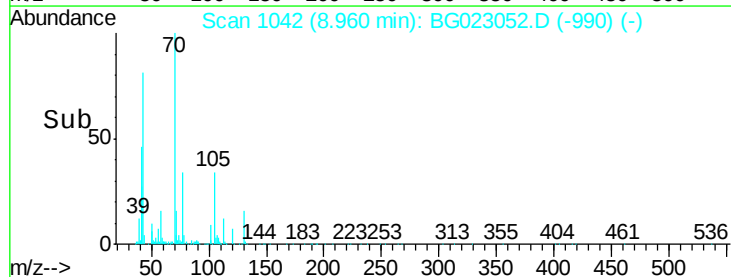
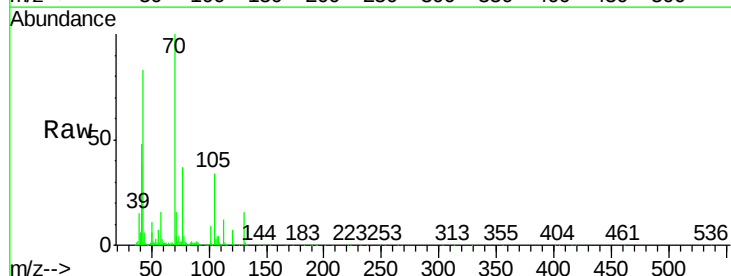
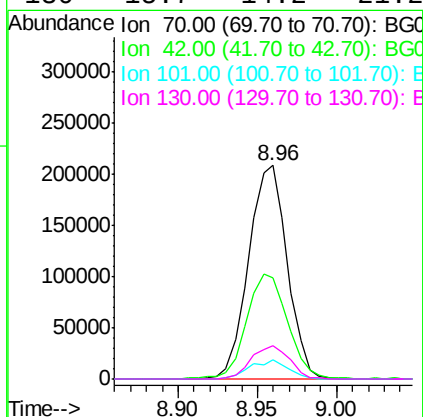
umangi

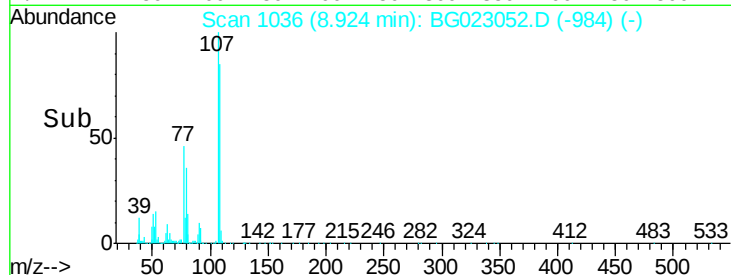
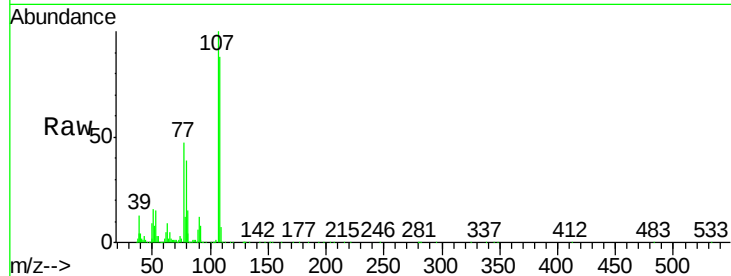
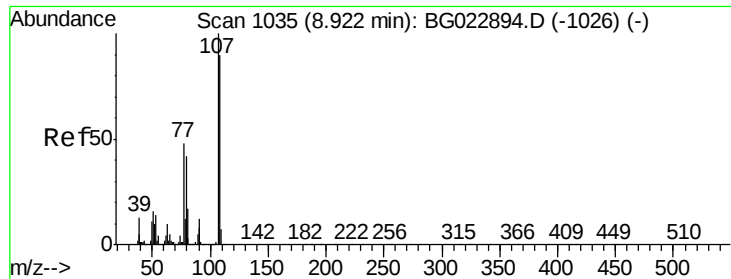
7/13/2016 6:28:41 PM



#19
n-Nitroso-di-n-propylamine
Concen: 40.98 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.6	42.1	63.1
101	9.2	7.2	10.8
130	15.7	14.2	21.2





#20

3+4-Methylphenols

Concen: 50.43 ng

RT: 8.92 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tot Ion:	107	Resp:	448151
Ion Ratio	Lower	Upper	
107	100		
108	88.2	72.5	112.5
77	47.5	30.1	70.1
79	38.6	24.2	64.2

Instrument :

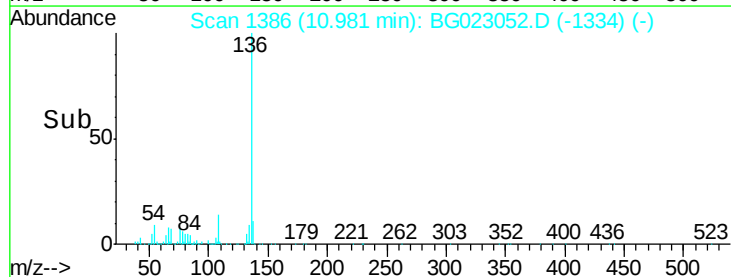
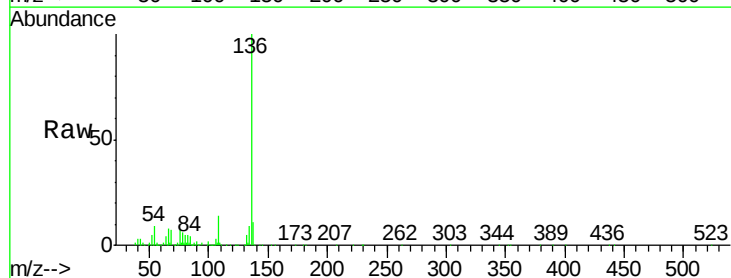
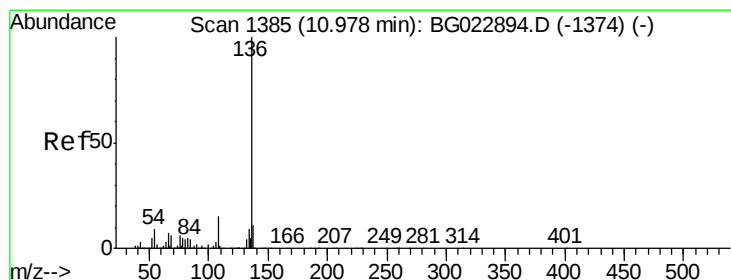
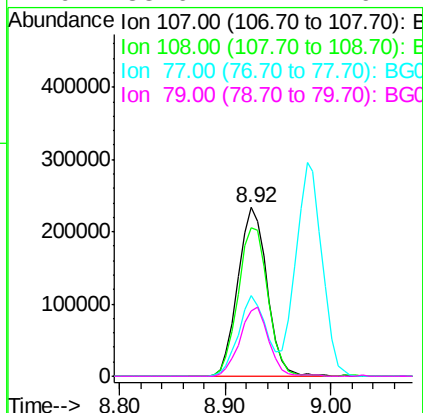
BNA_G

ClientSampleId :

PB92058BS

umangi

7/13/2016 6:28:41 PM



#21

Naphthalene-d8

Concen: 20.00 ng

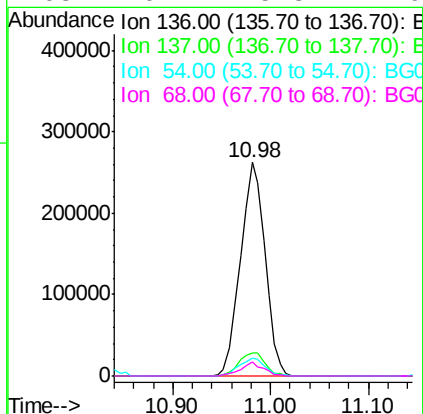
RT: 10.98 min Scan# 1386

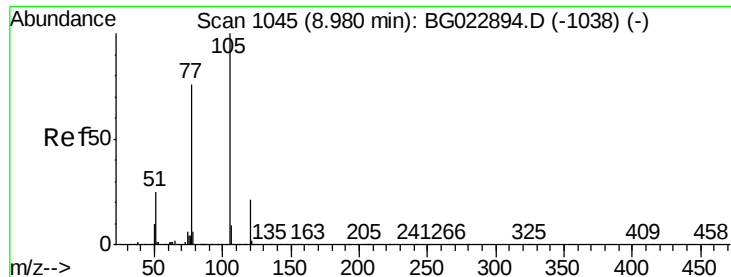
Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tgt Ion:	136	Resp:	461678
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.6	14.4
54	8.6	7.3	10.9
68	6.7	5.3	7.9





#22

Acetophenone

Concen: 41.76 ng

RT: 8.98 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

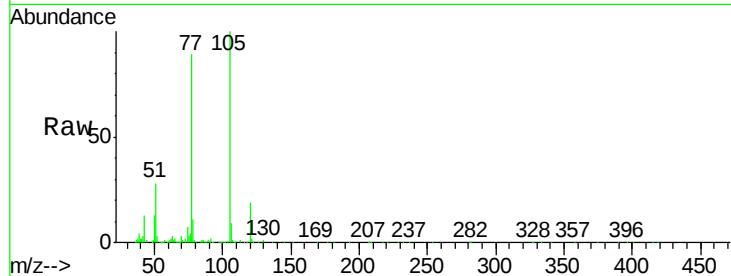
ClientSampleId :

PB92058BS

Tot Ion:	105	Resp:	578667
Ion Ratio	Lower	Upper	
105	100		
71	0.6	2.6	3.8#
51	28.0	27.1	40.7
120	18.7	15.1	22.7

umangi

7/13/2016 6:28:41 PM

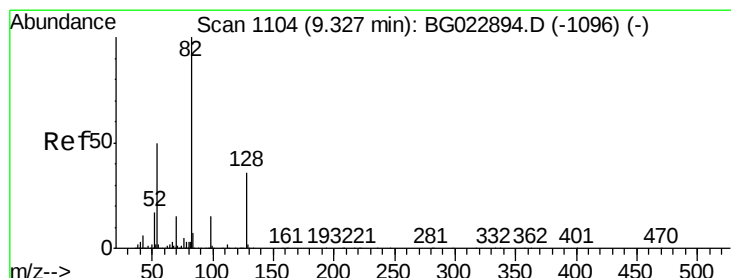
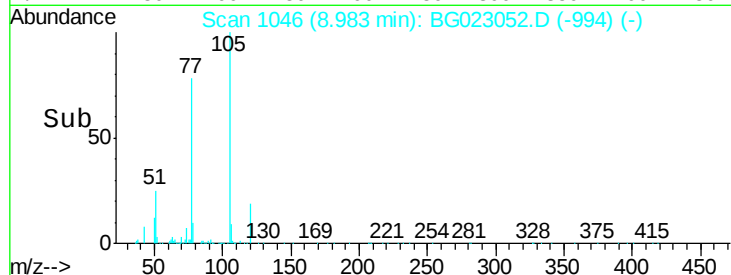
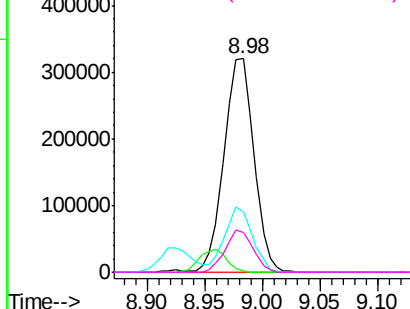


Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.28 ng

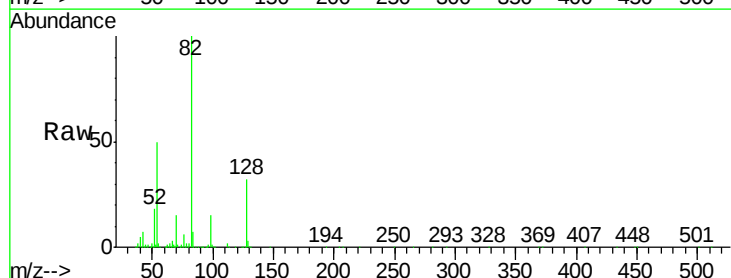
RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

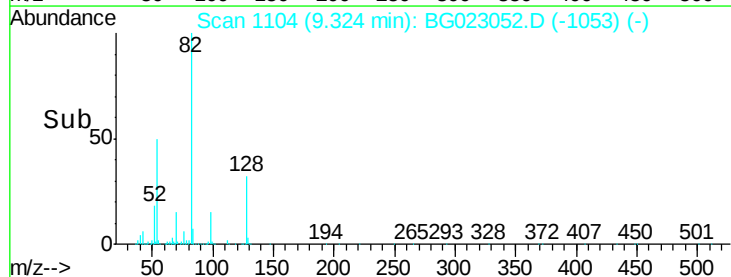
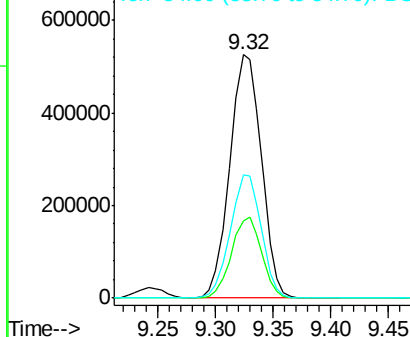
Tgt Ion:	82	Resp:	994972
Ion Ratio	Lower	Upper	
82	100		
128	32.0	24.4	36.6
54	50.4	41.4	62.0

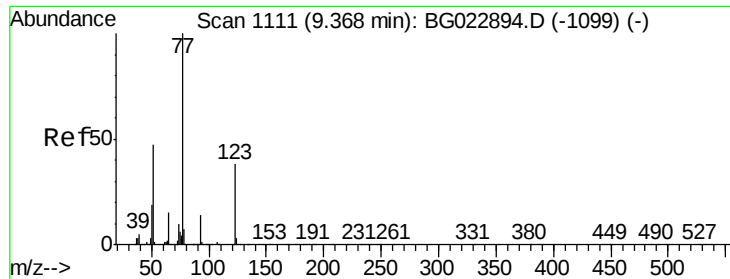


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





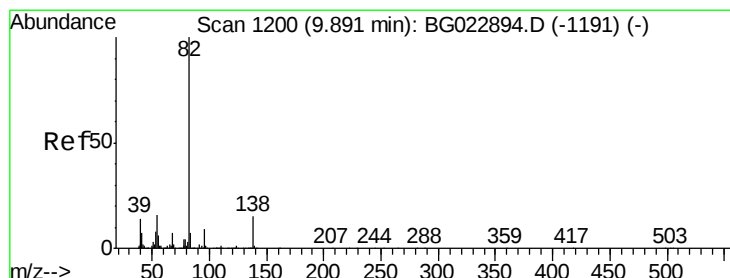
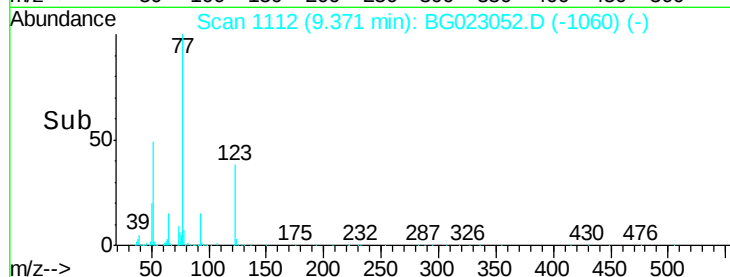
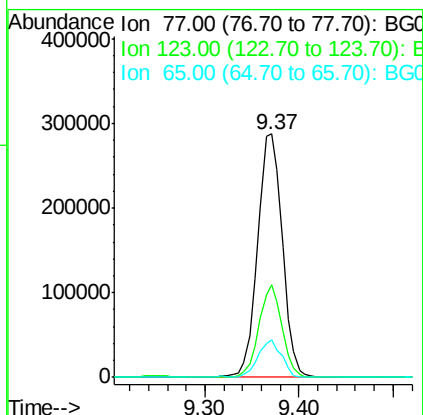
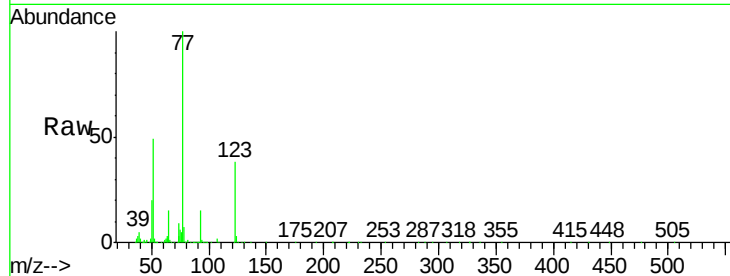
#24
Nitrobenzene
Concen: 45.71 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	38.1	25.0	37.6#
65	15.2	13.4	20.0

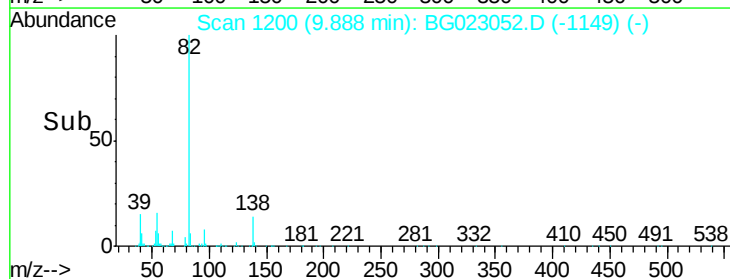
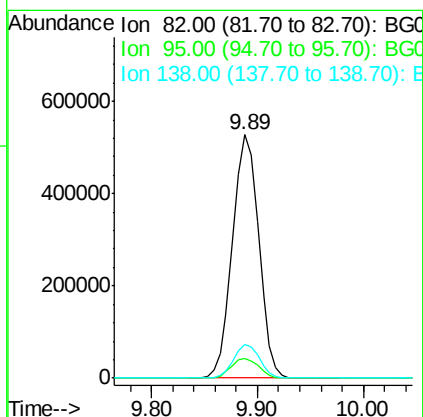
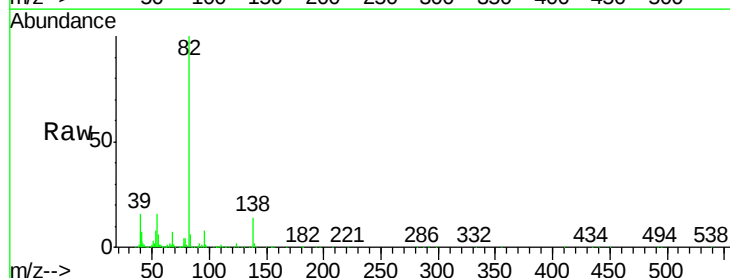
umangi

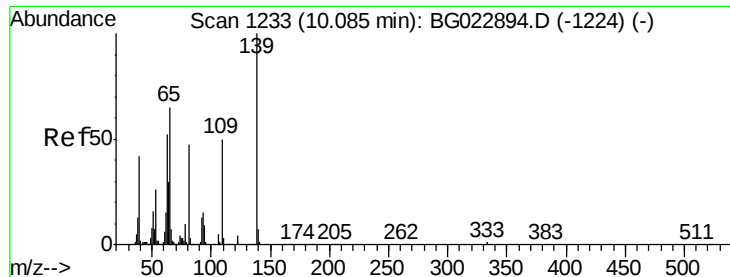
7/13/2016 6:28:41 PM



#25
Isophorone
Concen: 41.86 ng
RT: 9.89 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.3	8.2	12.2
138	14.1	10.7	16.1





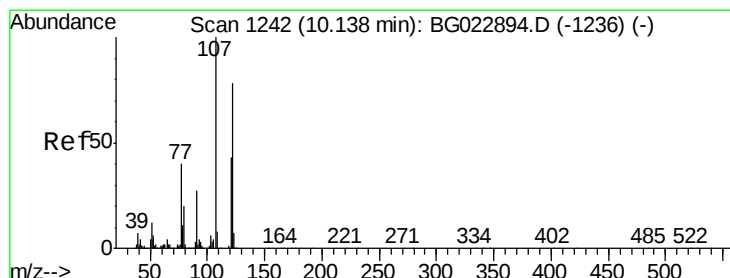
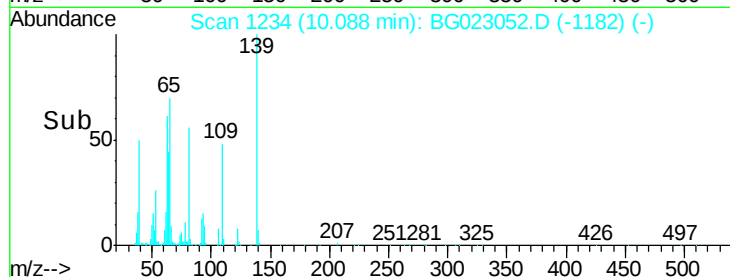
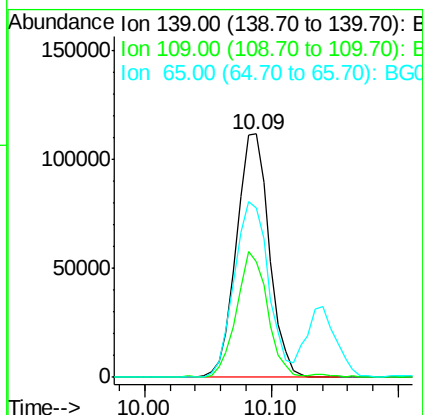
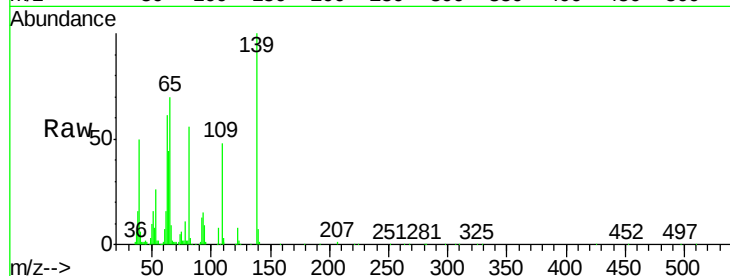
#26
2-Nitrophenol
Concen: 44.64 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampled :
PB92058BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	47.6	43.5	65.3
65	69.8	64.3	96.5

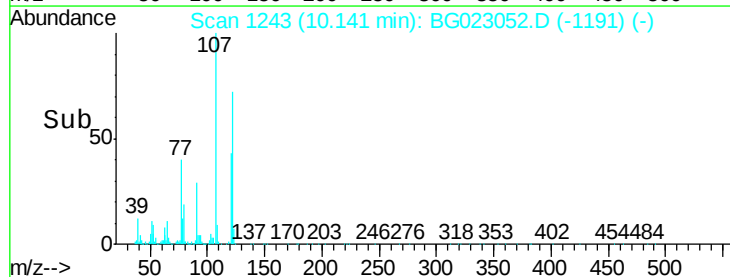
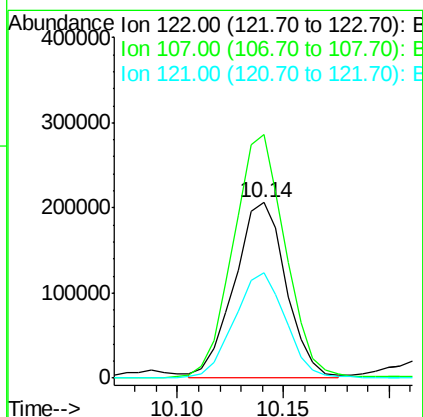
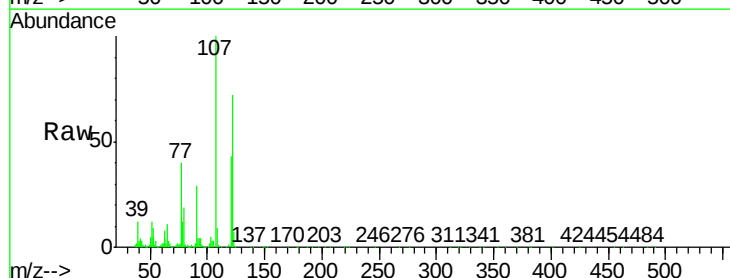
umangi

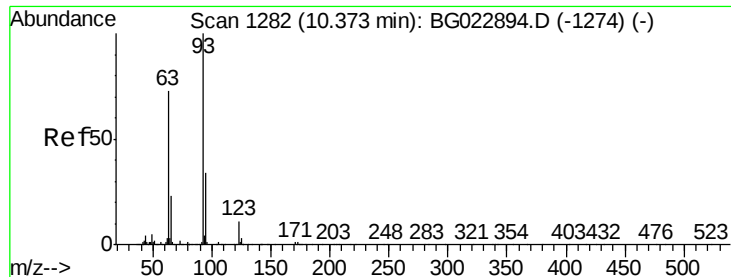
7/13/2016 6:28:41 PM



#27
2,4-Dimethylphenol
Concen: 44.80 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.7	117.0	175.4
121	59.8	50.1	75.1





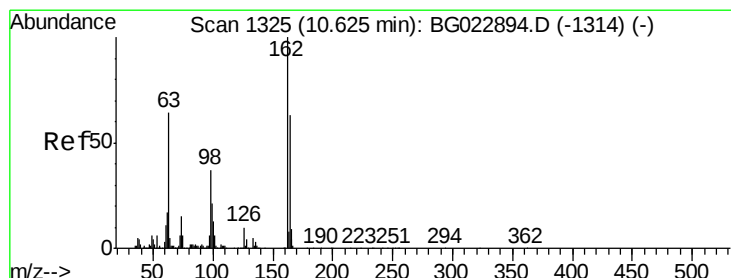
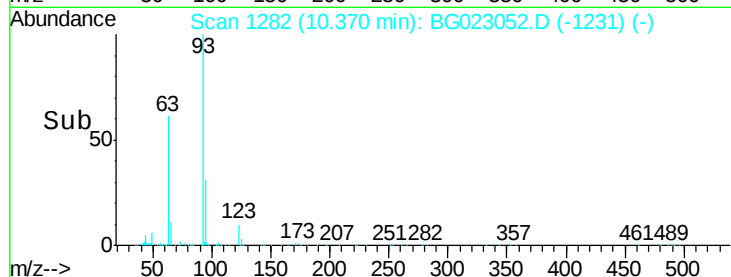
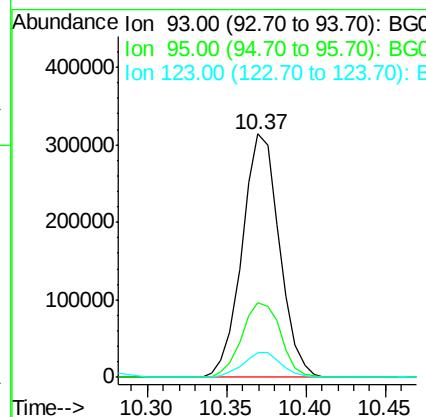
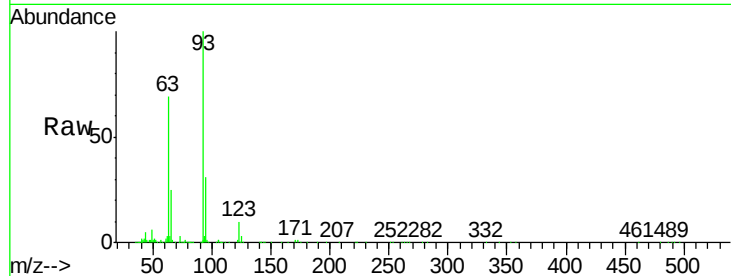
#28
bis(2-Chloroethoxy)methane
Concen: 42.40 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion:	93	Resp:	512831
Ion Ratio	Lower	Upper	
93	100		
95	30.6	25.4	38.2
123	10.1	8.2	12.2

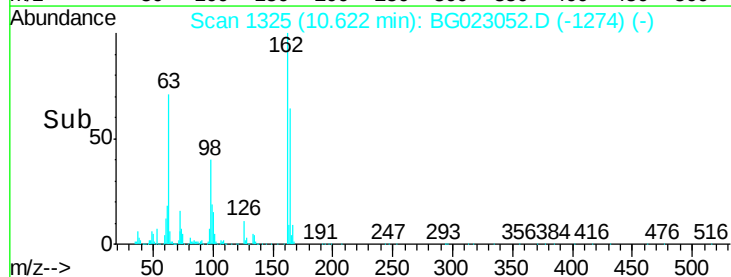
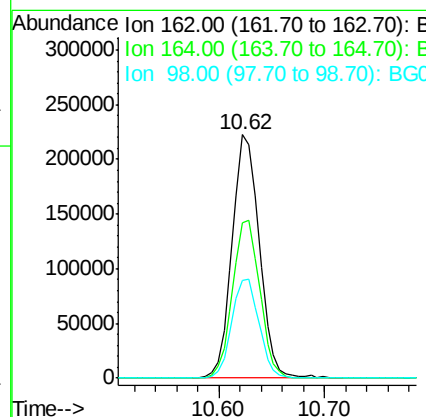
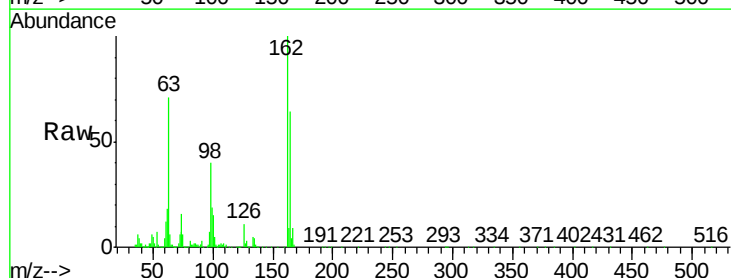
umangi

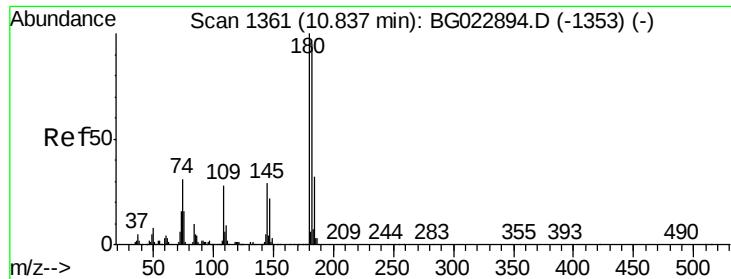
7/13/2016 6:28:41 PM



#29
2,4-Dichlorophenol
Concen: 47.80 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion:	162	Resp:	396200
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.3	84.3
98	40.2	19.5	59.5





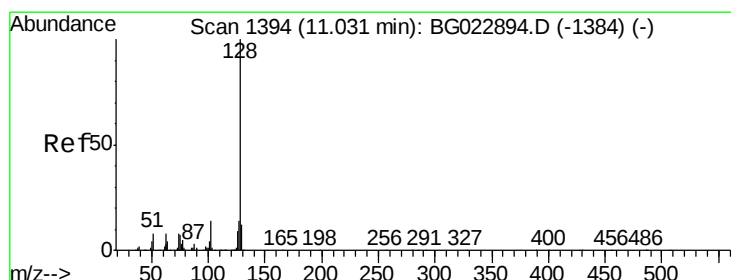
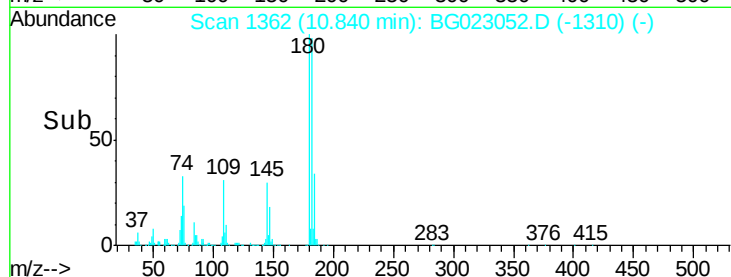
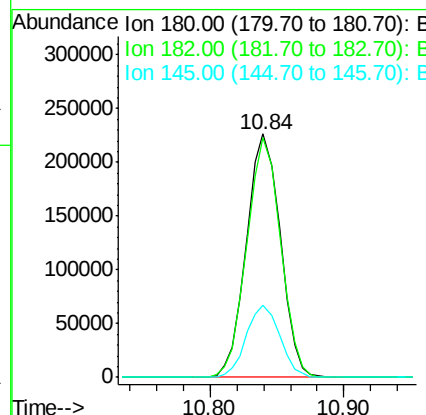
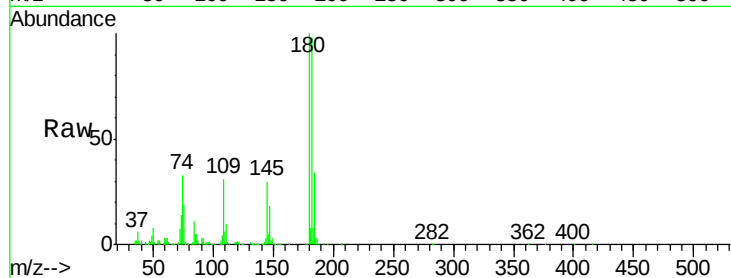
#30
1,2,4-Trichlorobenzene
Concen: 41.87 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	73.8	110.8
145	29.8	24.4	36.6

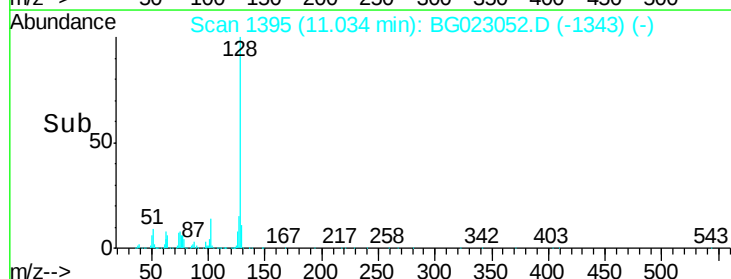
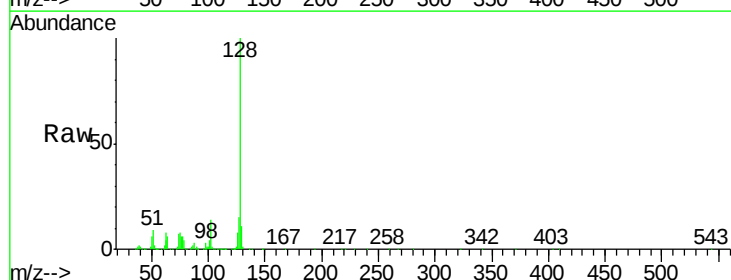
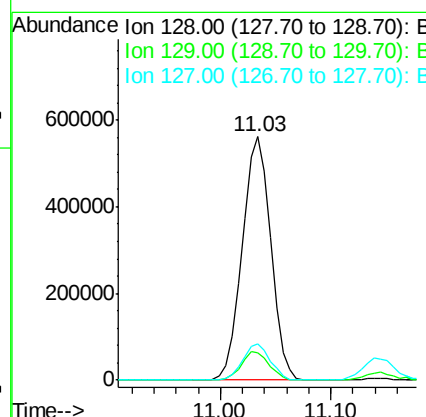
umangi

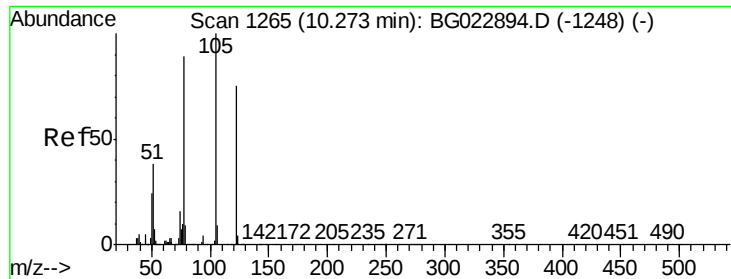
7/13/2016 6:28:41 PM



#31
Naphthalene
Concen: 43.40 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	14.9	11.3	16.9





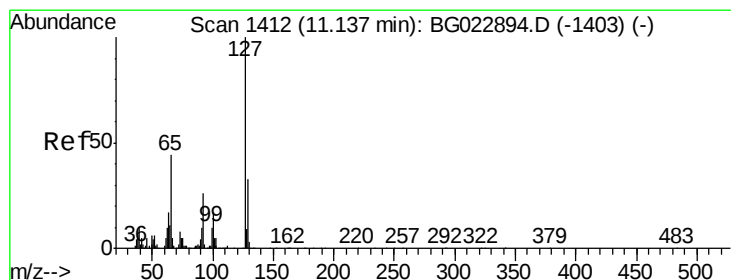
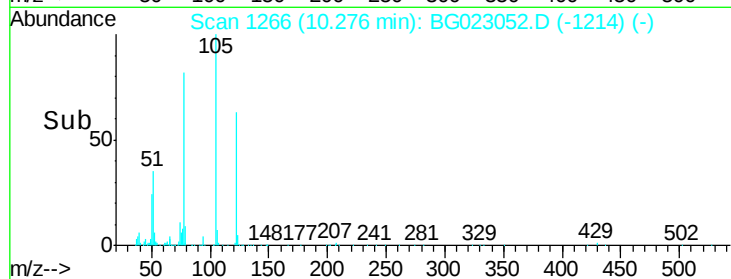
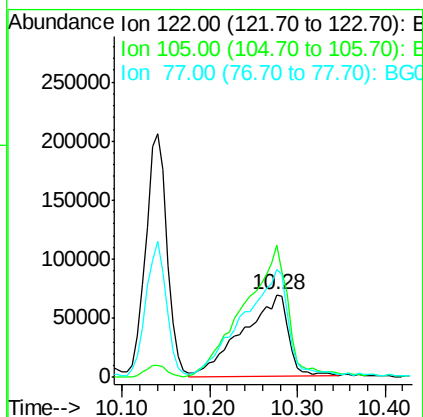
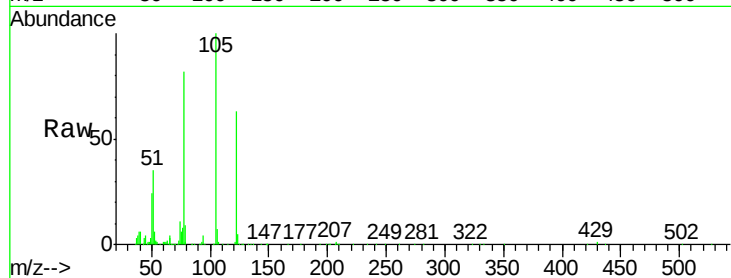
#32
Benzoic acid
Concen: 34.55 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	159.5	117.2	157.2#
77	130.7	109.2	149.2

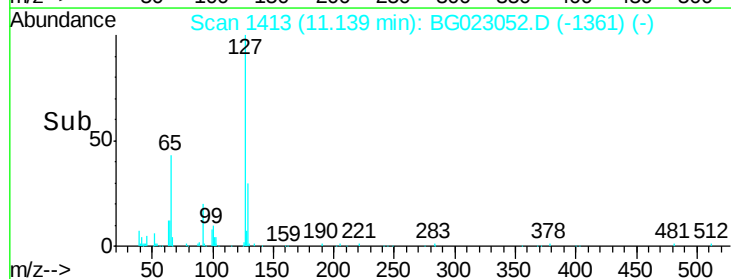
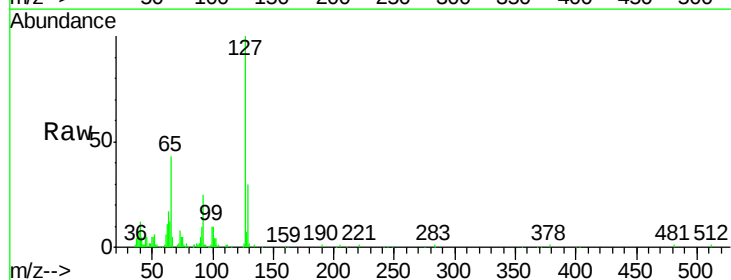
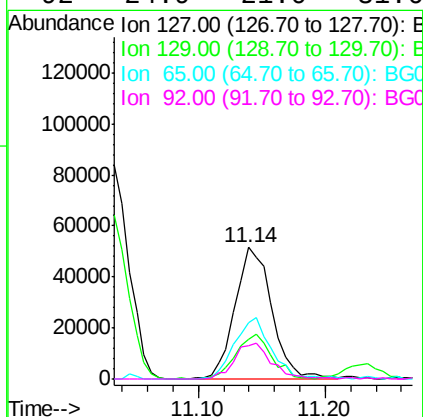
umangi

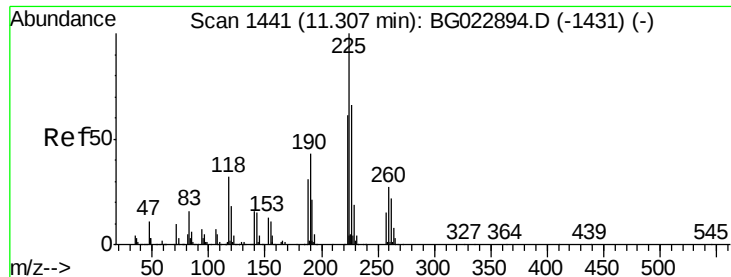
7/13/2016 6:28:41 PM



#33
4-Chloroaniline
Concen: 9.08 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.4	27.9	41.9
65	42.8	36.8	55.2
92	24.9	21.0	31.6





#34

Hexachlorobutadiene

Concen: 39.16 ng

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

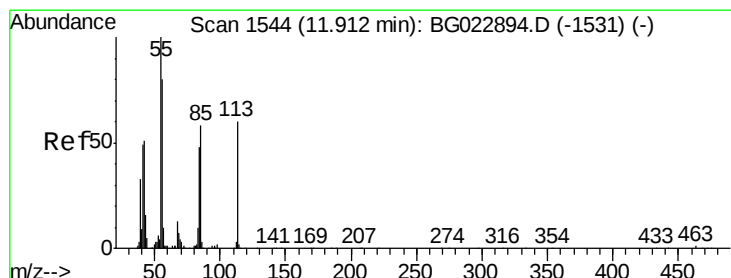
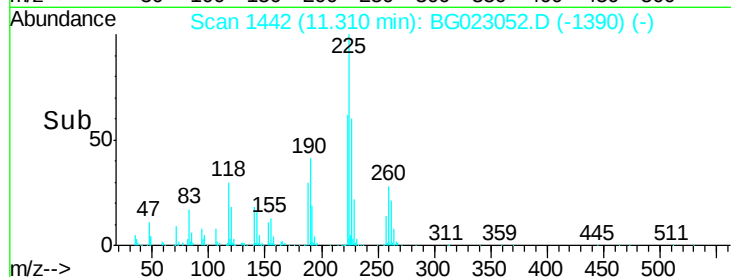
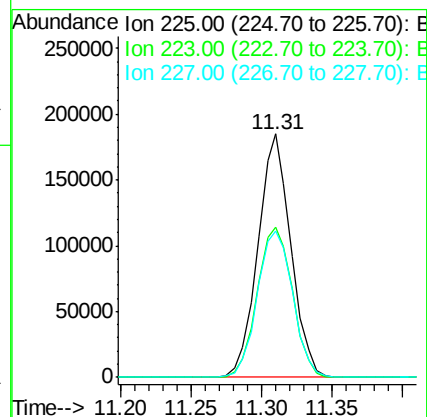
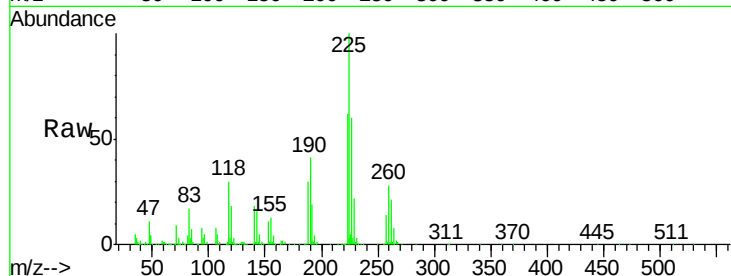
ClientSampleId :

PB92058BS

Tot Ion:	225	Resp:	301509
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.6	74.4
227	60.1	54.5	81.7

umangi

7/13/2016 6:28:41 PM



#35

Caprolactam

Concen: 40.36 ng m

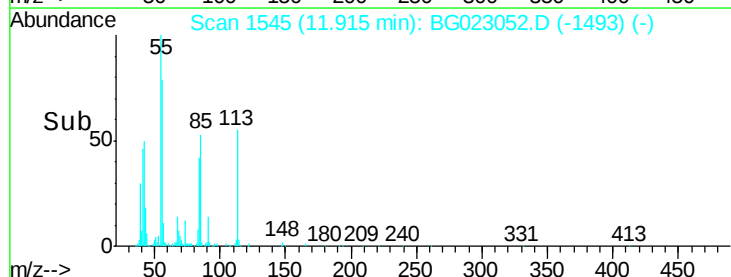
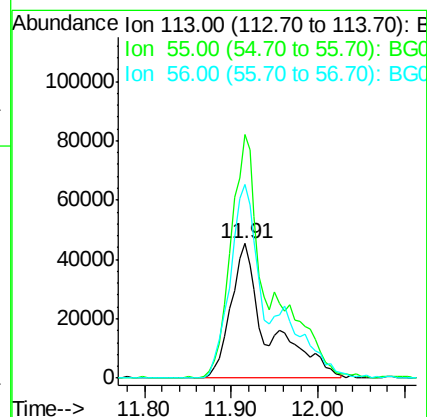
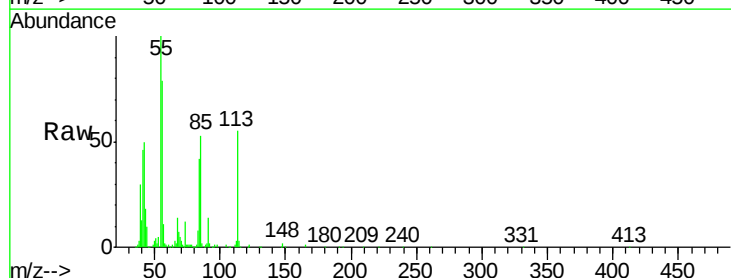
RT: 11.91 min Scan# 1545

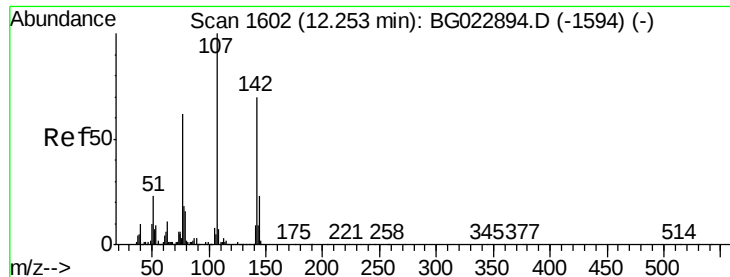
Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tgt Ion:	113	Resp:	137624
Ion	Ratio	Lower	Upper
113	100		
55	181.3	154.5	194.5
56	144.0	125.1	165.1





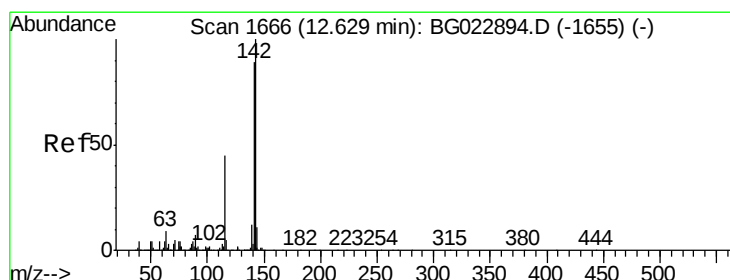
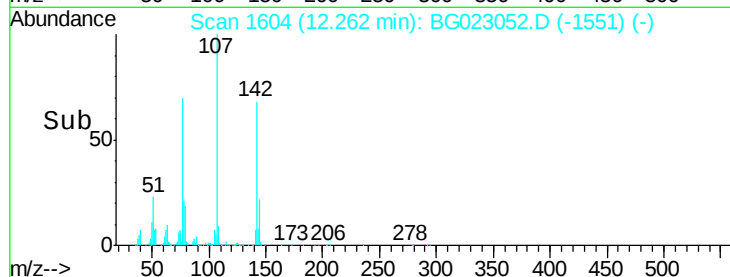
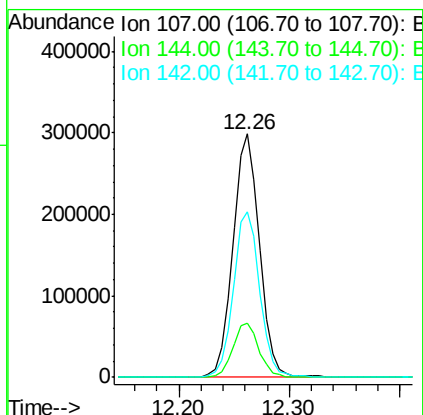
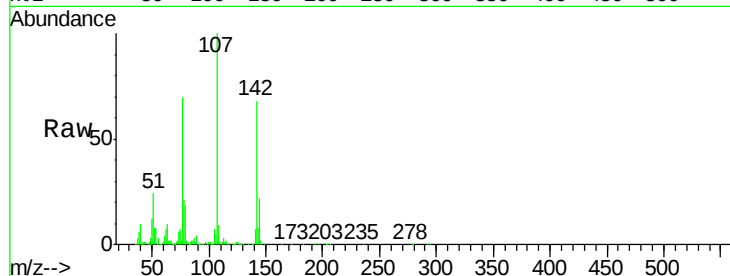
#36
4-Chloro-3-methylphenol
Concen: 44.43 ng
RT: 12.26 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.3	17.0	25.6
142	68.3	53.0	79.6

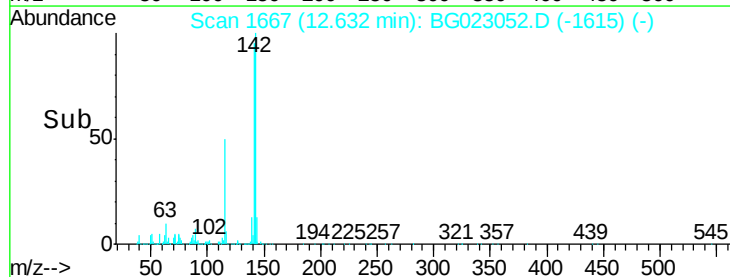
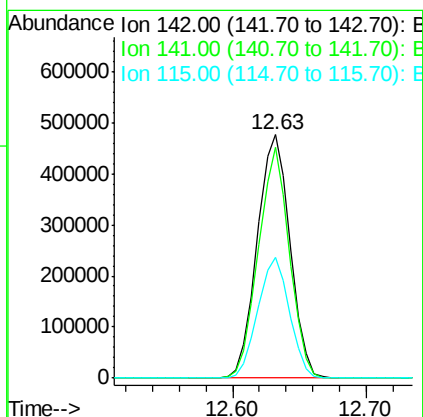
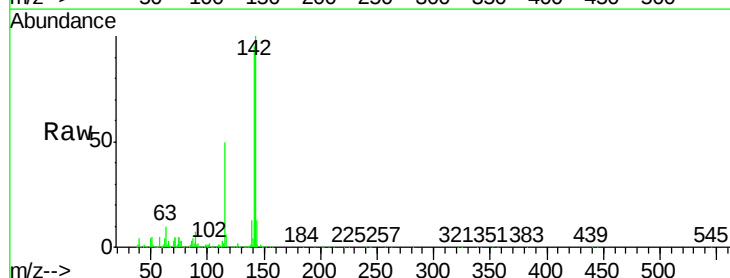
umangi

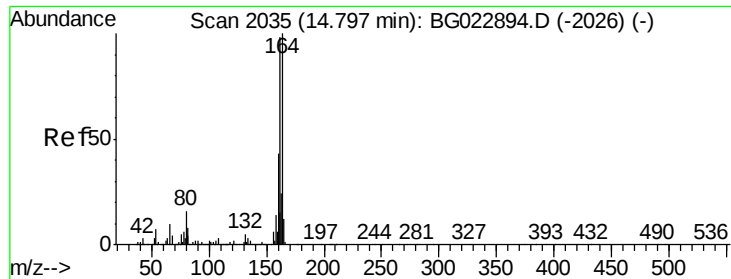
7/13/2016 6:28:41 PM



#37
2-Methylnaphthalene
Concen: 43.40 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	70.2	105.2
115	49.7	41.7	62.5





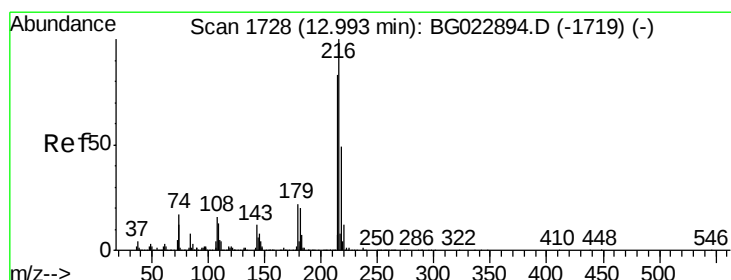
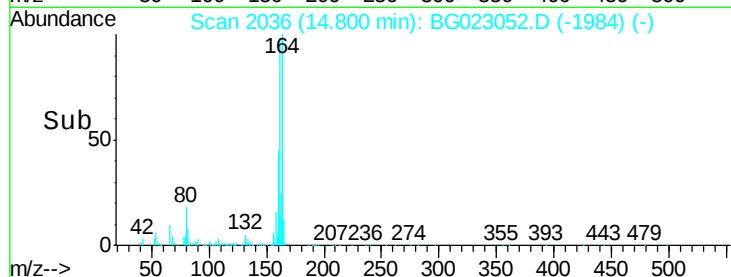
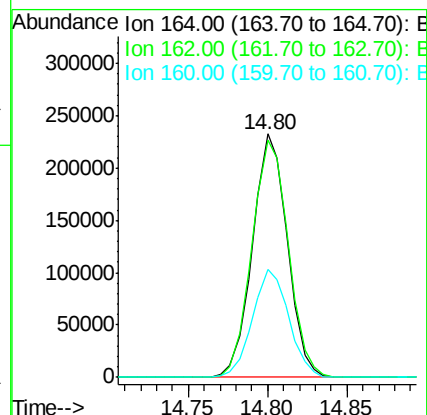
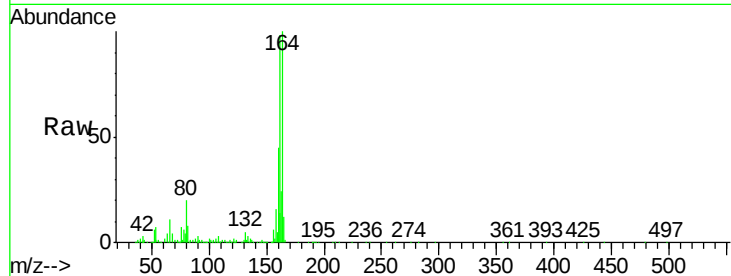
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.6	87.7	131.5
160	44.6	37.2	55.8

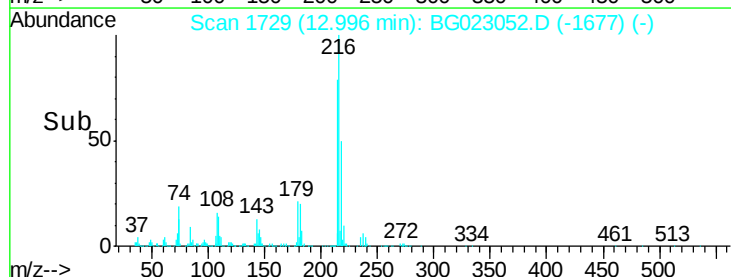
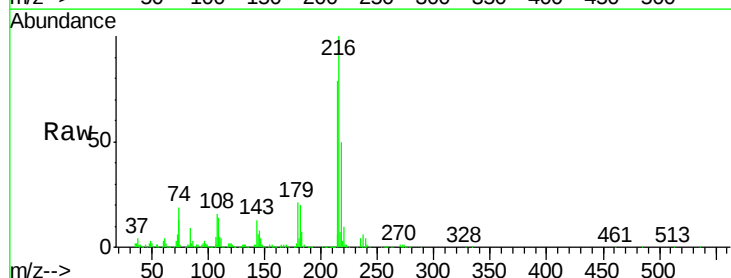
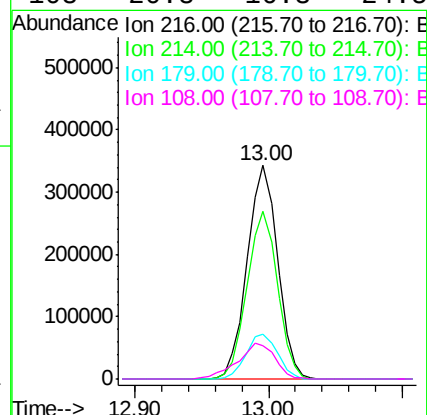
umangi

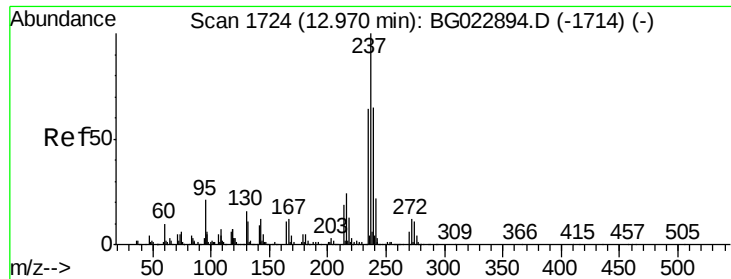
7/13/2016 6:28:41 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.27 ng
RT: 13.00 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.9	94.3
179	21.7	17.2	25.8
108	20.8	16.3	24.5





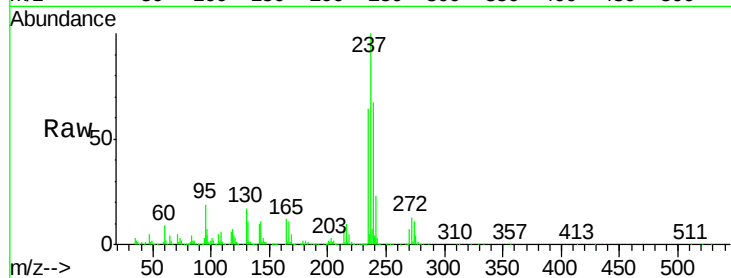
#40
Hexachlorocyclopentadiene
Concen: 76.65 ng
RT: 12.97 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

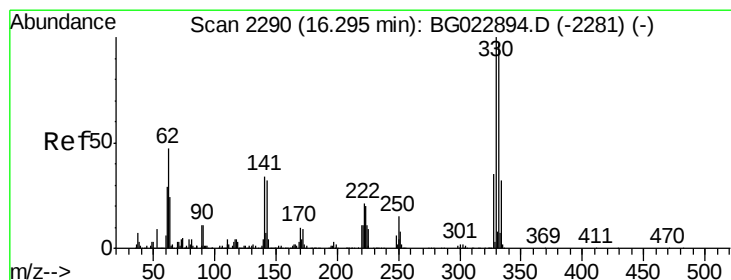
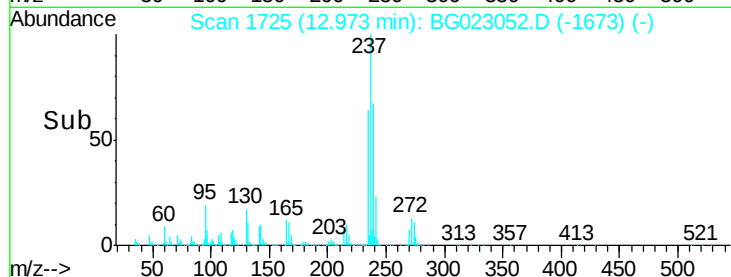
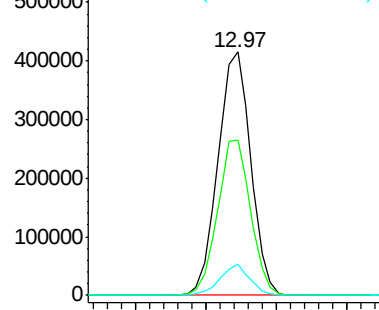
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.1	83.1
272	12.9	0.0	30.9

umangi

7/13/2016 6:28:41 PM

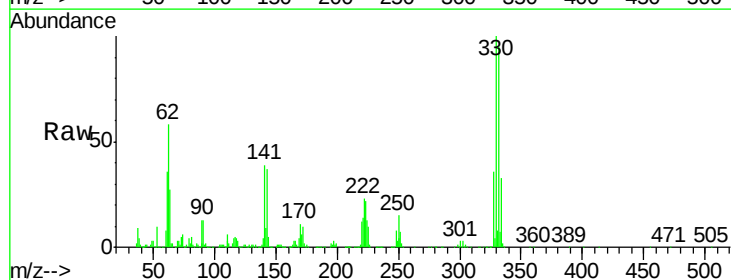


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

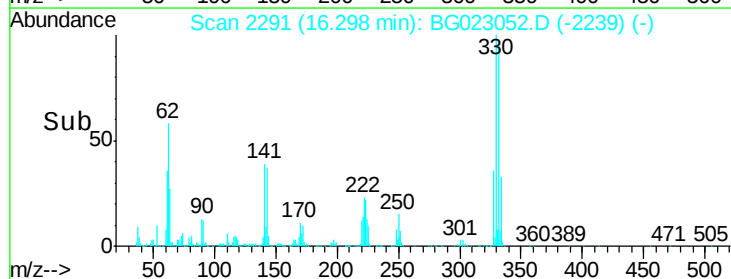
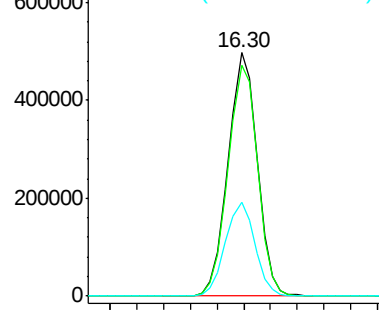


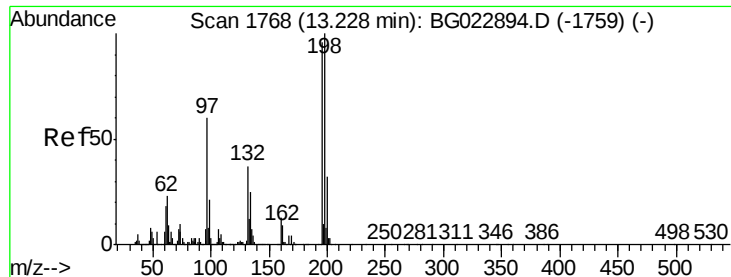
#41
2,4,6-Tribromophenol
Concen: 117.36 ng
RT: 16.30 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	39.2	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





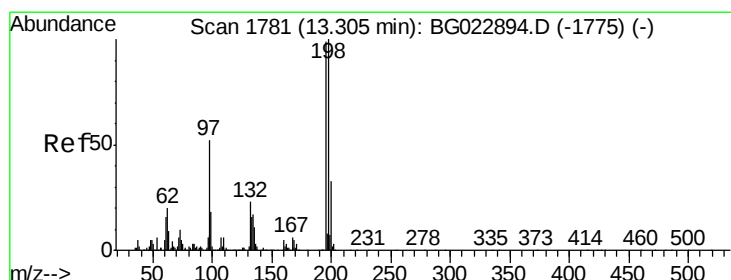
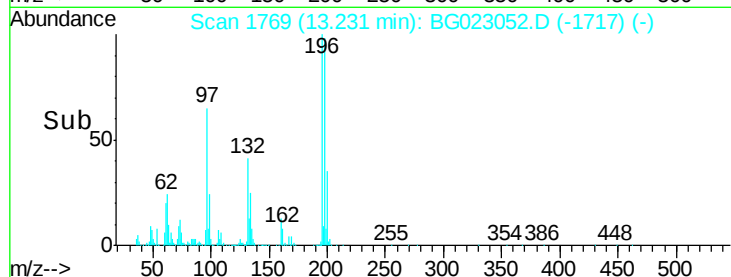
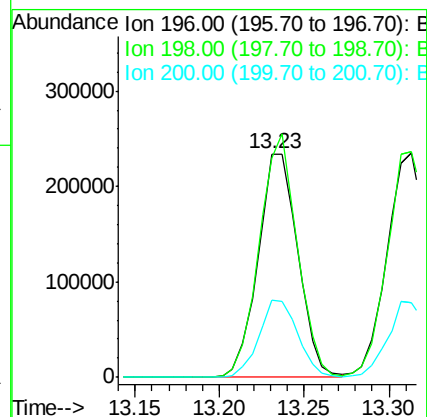
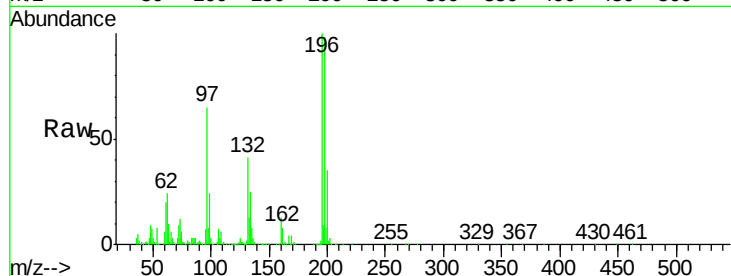
#42
2,4,6-Trichlorophenol
Concen: 43.49 ng
RT: 13.23 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.2	117.2
200	34.8	27.0	40.4

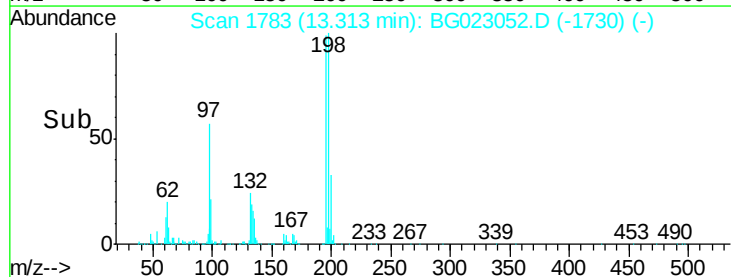
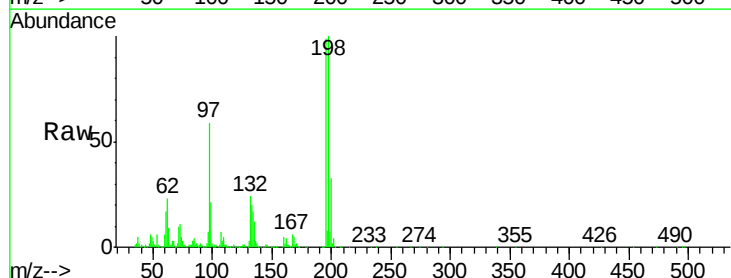
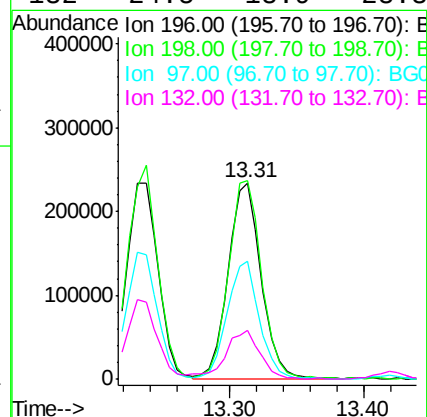
umangi

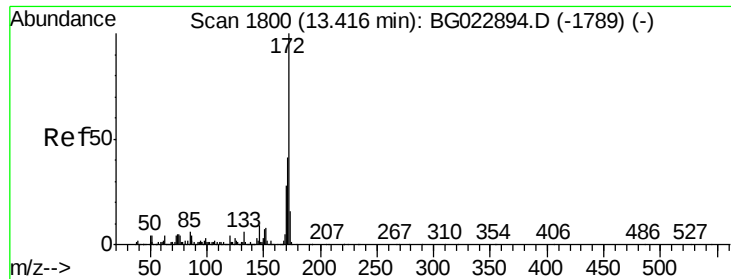
7/13/2016 6:28:41 PM



#43
2,4,5-Trichlorophenol
Concen: 44.52 ng
RT: 13.31 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	85.7	128.5
97	59.7	45.5	68.3
132	24.5	18.9	28.3





#44
 2-Fluorobiphenyl
 Concen: 88.67 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023052.D
 Acq: 13 Jul 2016 2:07

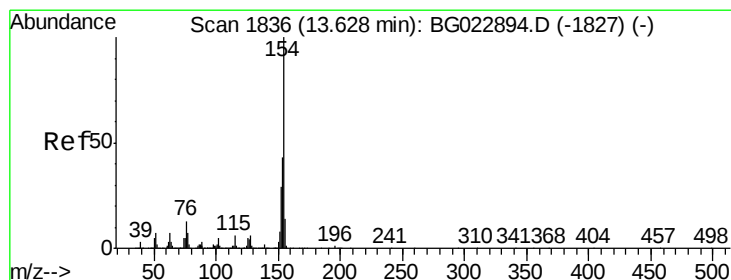
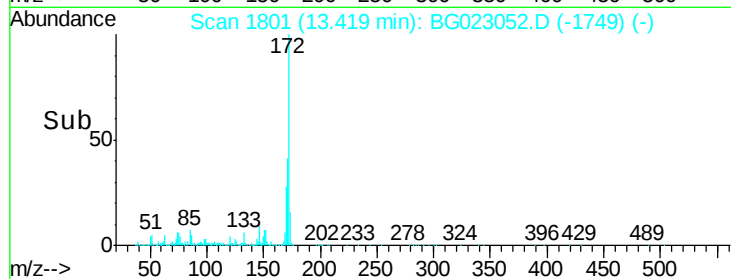
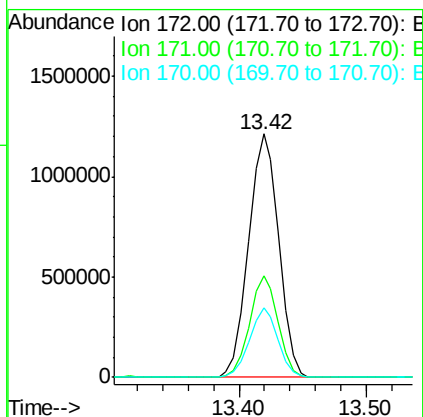
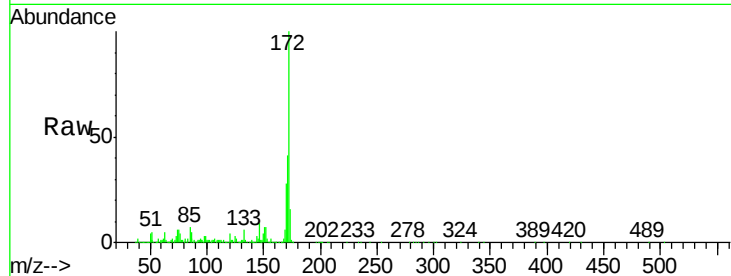
Instrument :
 BNA_G
 ClientSampleId :
 PB92058BS

Tot Ion:172 Resp: 1998141

Ion	Ratio	Lower	Upper
172	100		
171	41.5	31.6	47.4
170	28.5	21.3	31.9

umangi

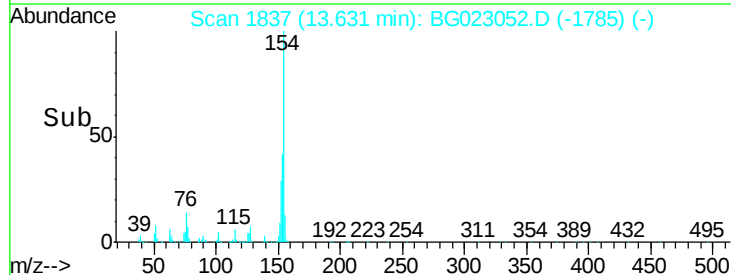
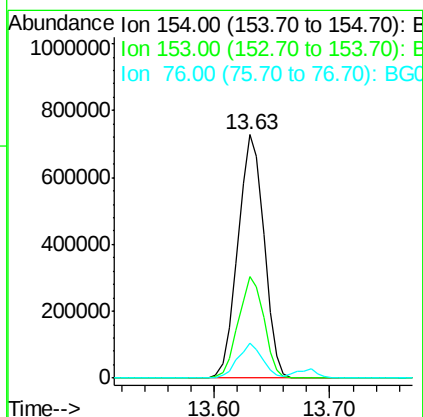
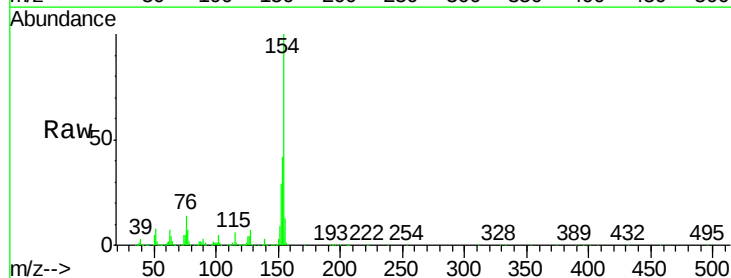
7/13/2016 6:28:41 PM

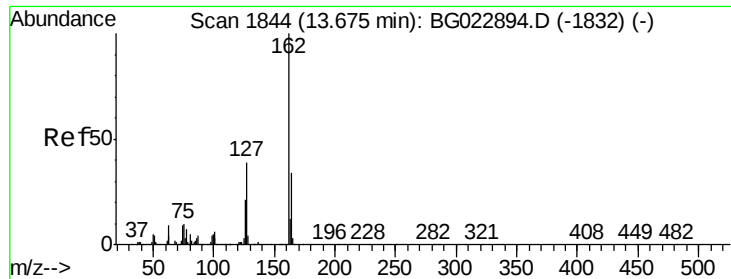


#45
 1,1'-Biphenyl
 Concen: 42.83 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BG023052.D
 Acq: 13 Jul 2016 2:07

Tgt Ion:154 Resp: 1140724

Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.2	60.2
76	14.1	0.0	32.9





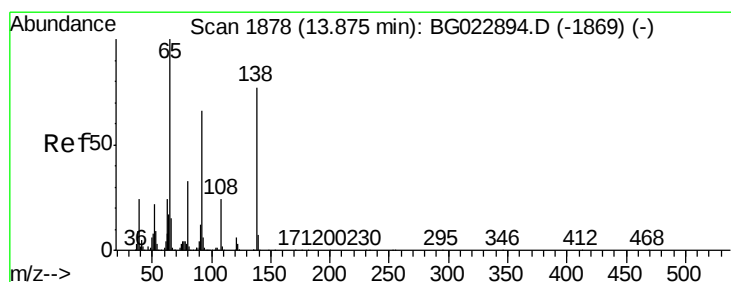
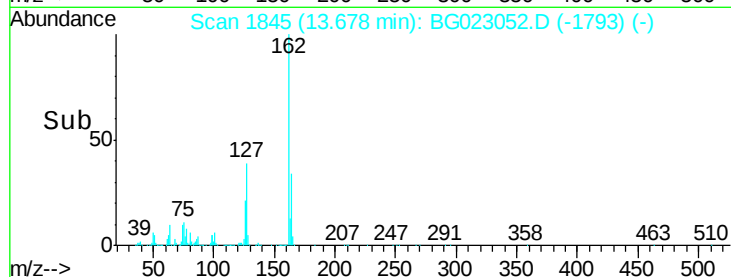
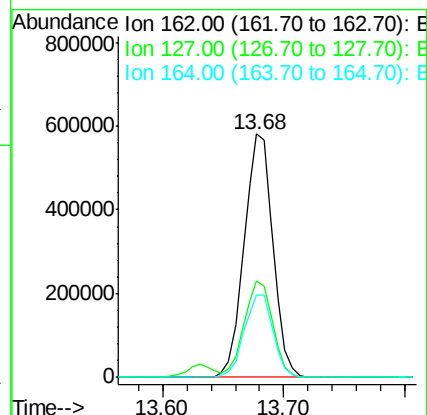
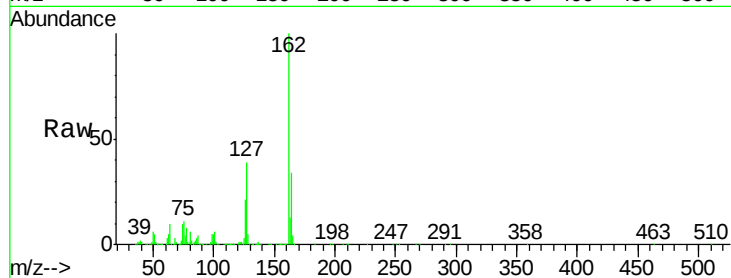
#46
2-Chloronaphthalene
Concen: 44.52 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.4	48.6
164	33.8	25.2	37.8

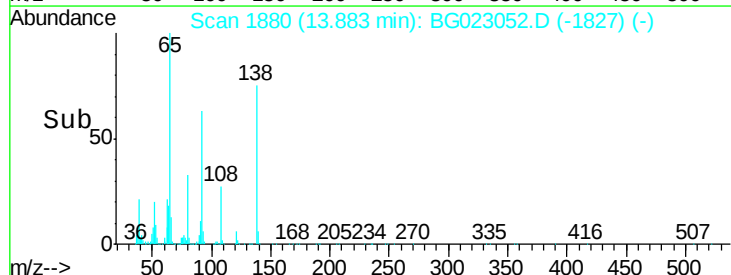
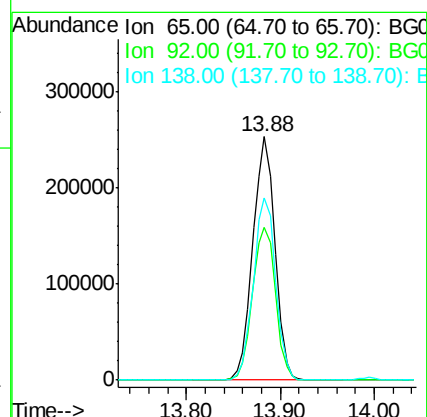
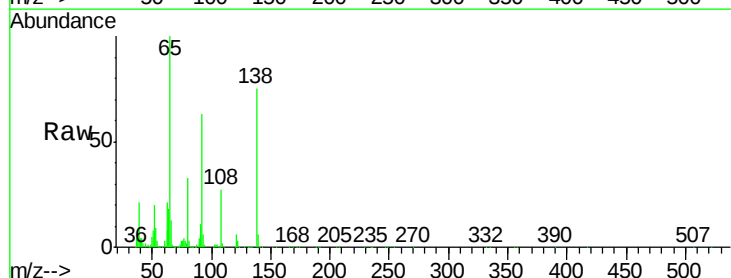
umangi

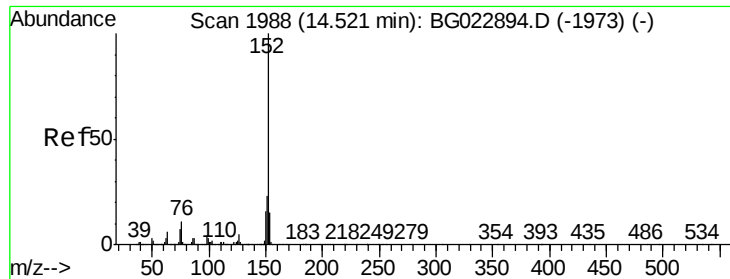
7/13/2016 6:28:41 PM



#47
2-Nitroaniline
Concen: 44.94 ng
RT: 13.88 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	49.4	74.0
138	74.6	58.0	87.0





#48

Acenaphthylene

Concen: 44.29 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:152 Resp: 1435413

Ion Ratio Lower Upper

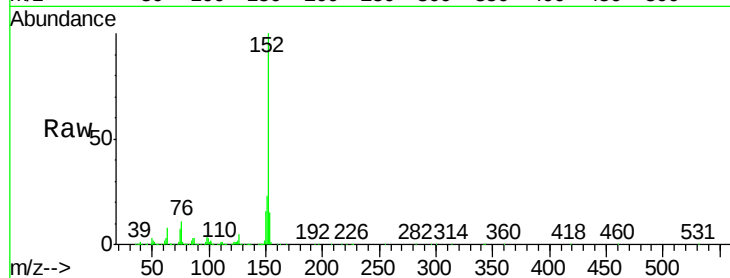
152 100

151 22.5 17.6 26.4

153 15.0 11.4 17.2

umangi

7/13/2016 6:28:41 PM



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

1000000

800000

600000

400000

200000

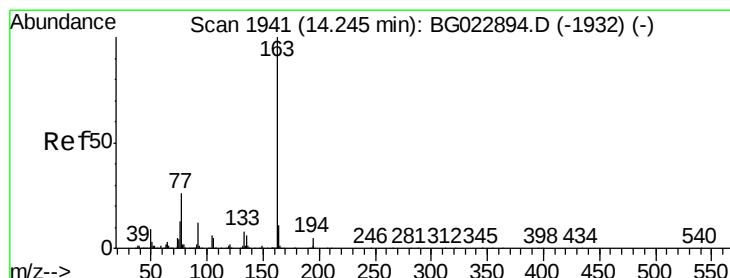
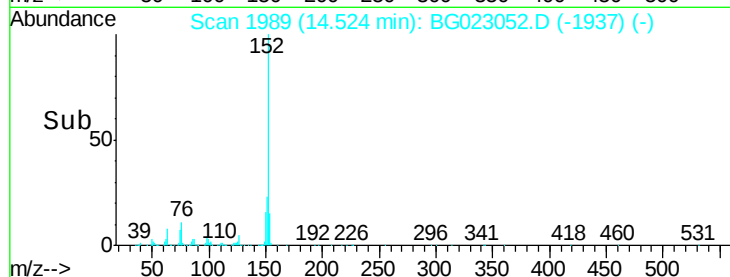
0

14.40

14.50

14.60

Time-->



#49

Dimethylphthalate

Concen: 43.11 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

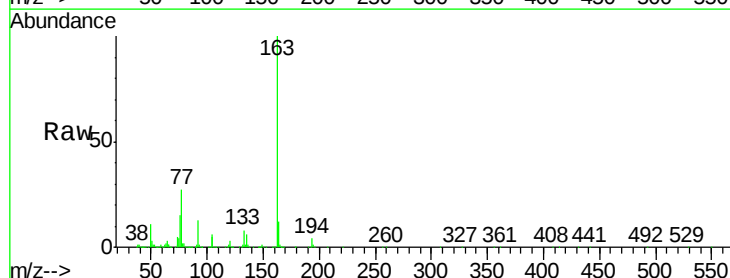
Tgt Ion:163 Resp: 1249974

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 11.7 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

1000000

800000

600000

400000

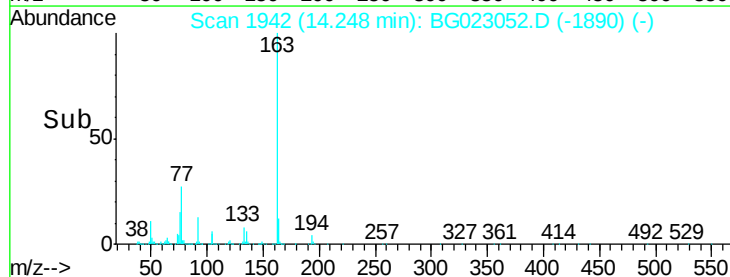
200000

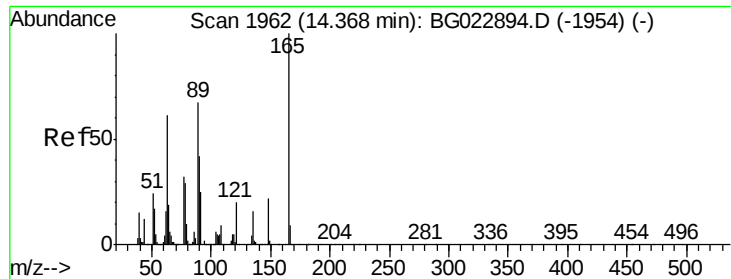
0

14.20

14.30

Time-->





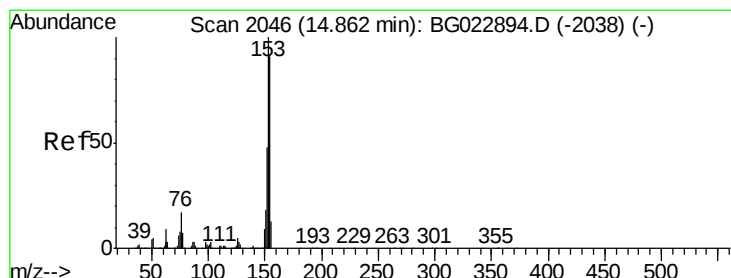
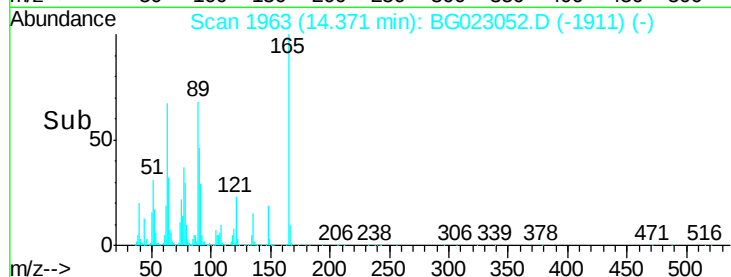
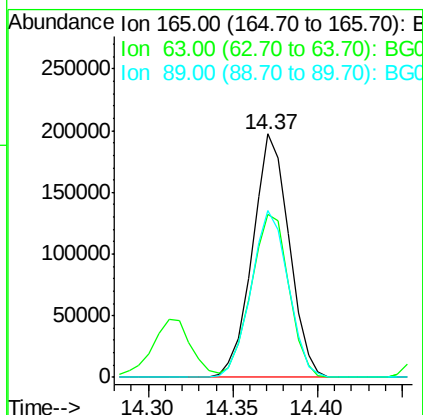
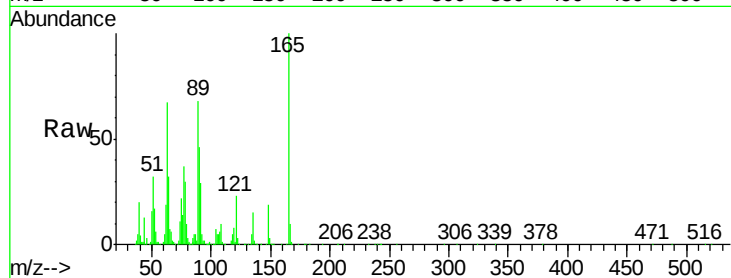
#50
2,6-Dinitrotoluene
Concen: 45.45 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.1	64.3	96.5
89	68.5	64.3	96.5

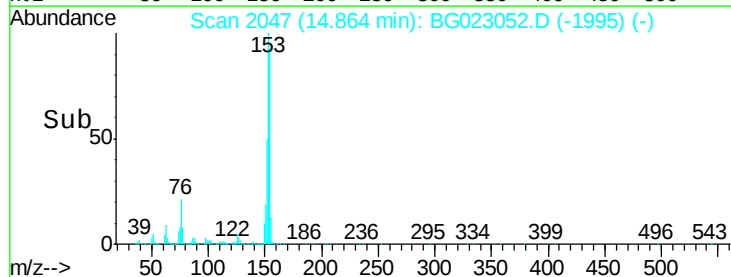
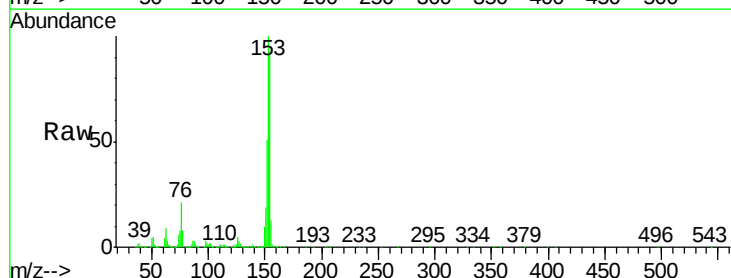
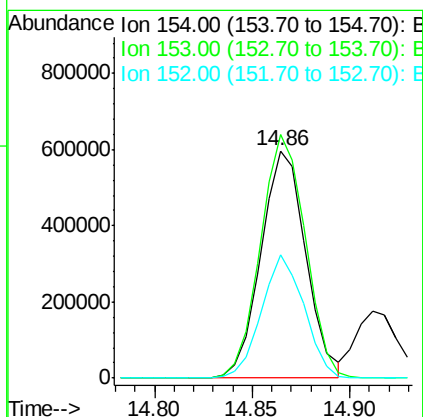
umangi

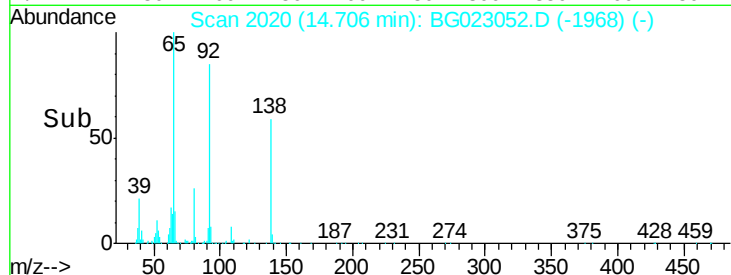
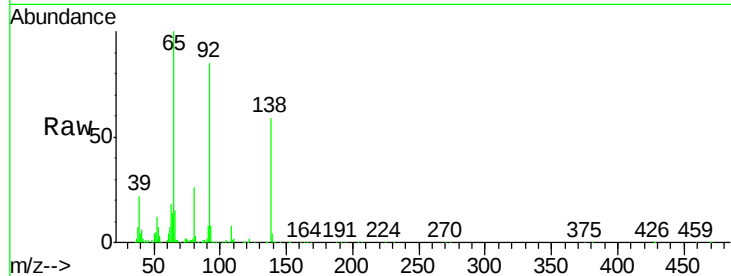
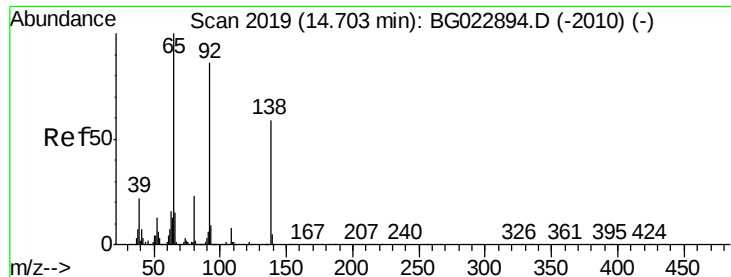
7/13/2016 6:28:41 PM



#51
Acenaphthene
Concen: 44.84 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.1	87.5	131.3
152	54.3	42.7	64.1





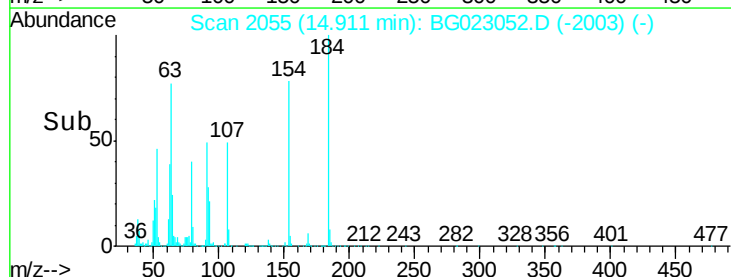
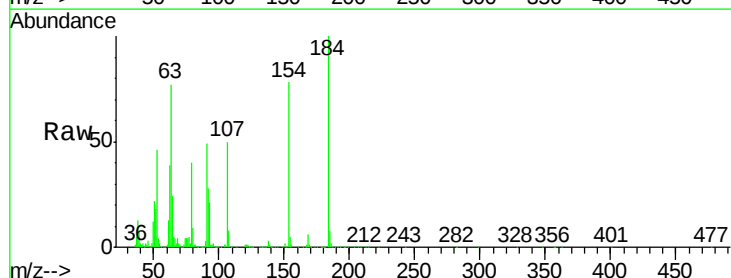
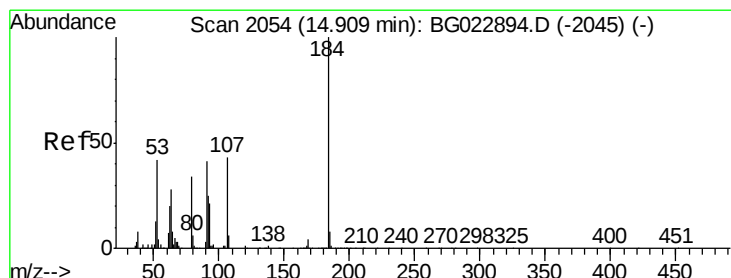
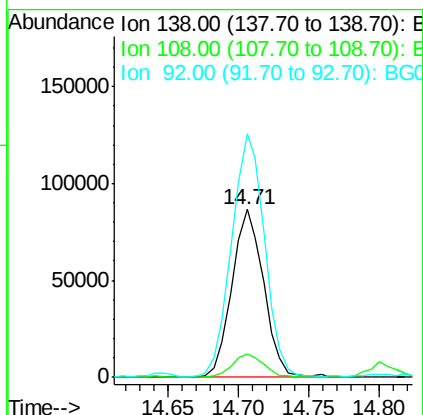
#52
3-Nitroaniline
Concen: 20.87 ng
RT: 14.71 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.1	11.7	17.5
92	145.1	129.7	194.5

Instrument :
BNA_G
ClientSampleId :
PB92058BS

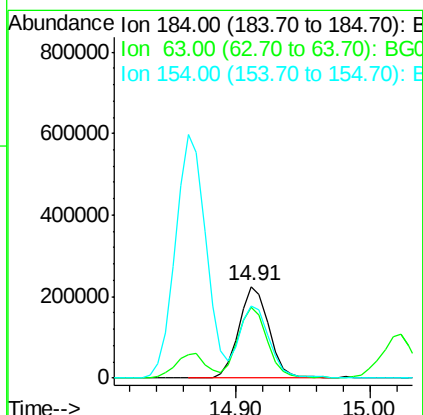
umangi

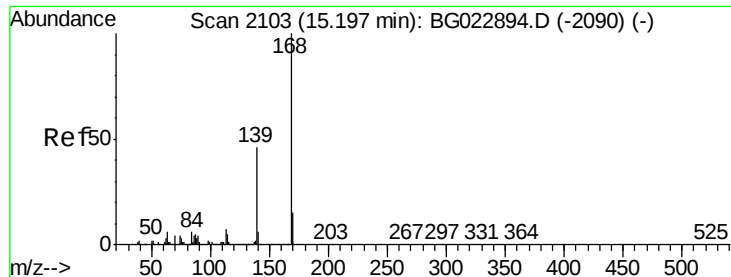
7/13/2016 6:28:41 PM



#53
2,4-Dinitrophenol
Concen: 78.72 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.1	59.6	89.4
154	78.1	67.4	101.0





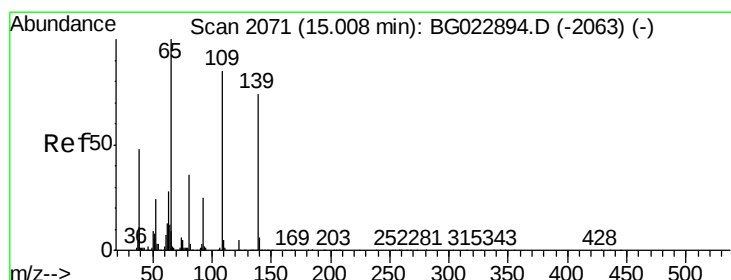
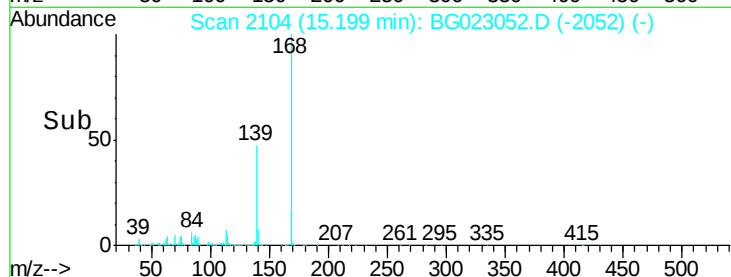
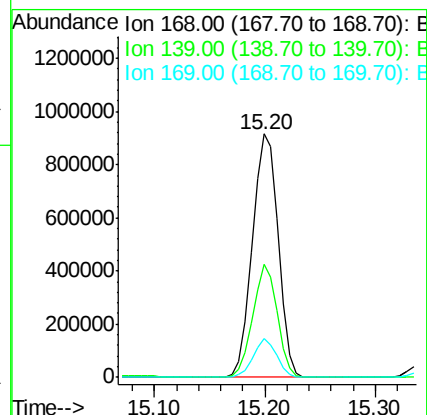
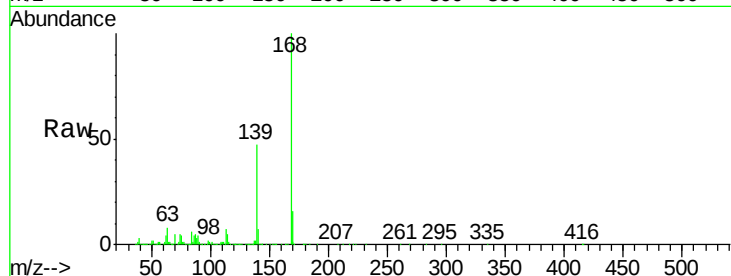
#54
Dibenzenofuran
Concen: 47.50 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	46.5	36.4	54.6
169	15.9	11.9	17.9

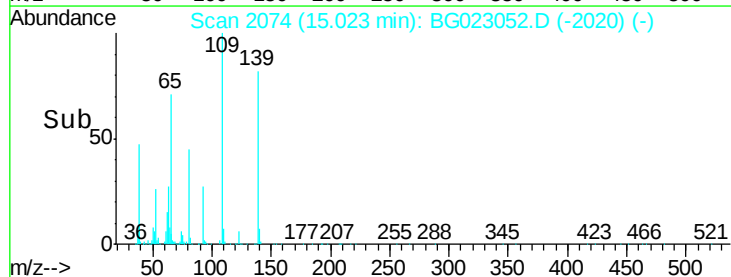
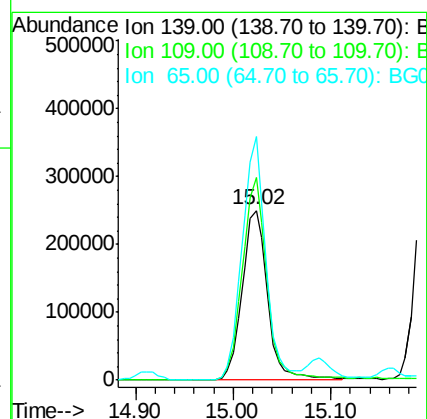
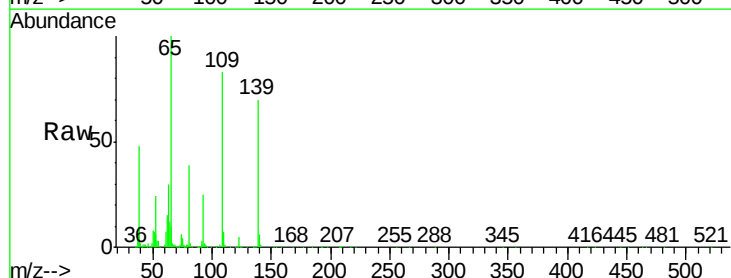
umangi

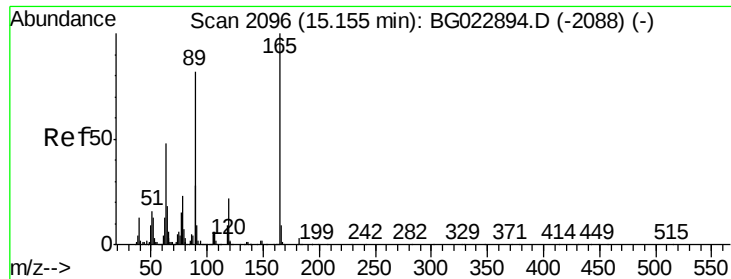
7/13/2016 6:28:41 PM



#55
4-Nitrophenol
Concen: 83.09 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	118.9	103.0	143.0
65	143.3	112.7	152.7





#56

2,4-Dinitrotoluene

Concen: 45.44 ng

RT: 15.16 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

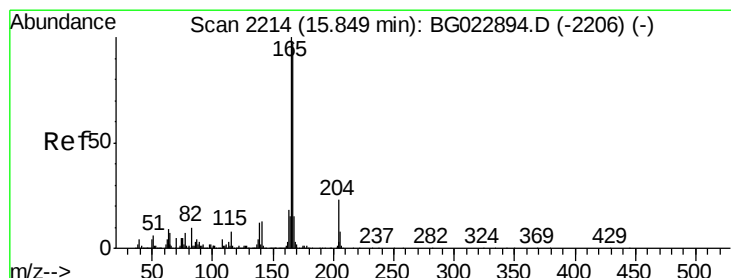
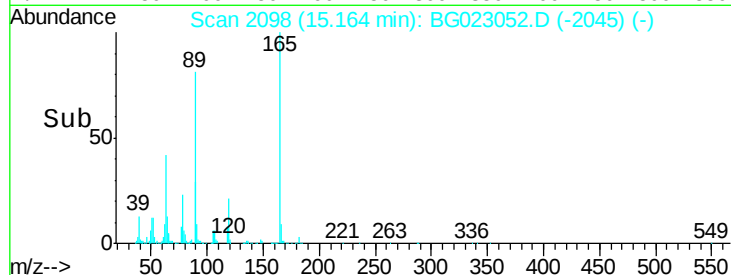
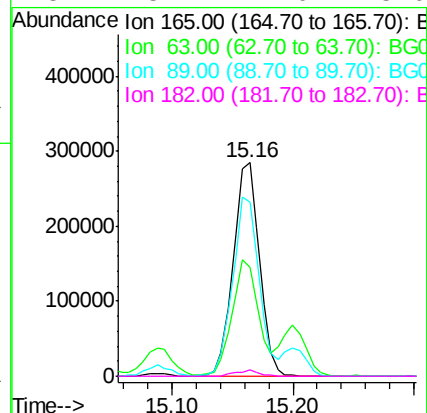
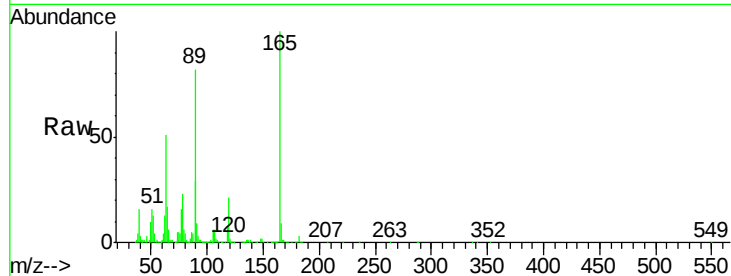
ClientSampleId :

PB92058BS

Tot Ion:	165	Resp:	431617
Ion Ratio	Lower	Upper	
165	100		
63	50.8	45.8	68.6
89	81.7	68.6	102.8
182	3.1	2.0	3.0#

umangi

7/13/2016 6:28:41 PM



#57

Fluorene

Concen: 45.26 ng

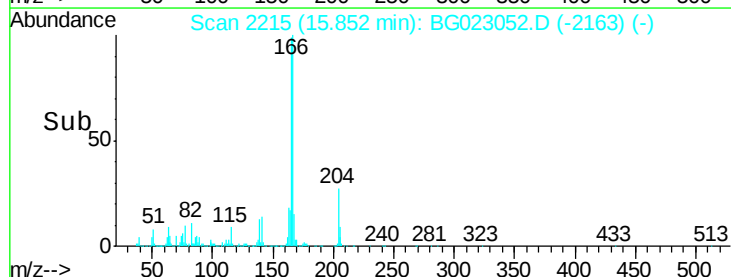
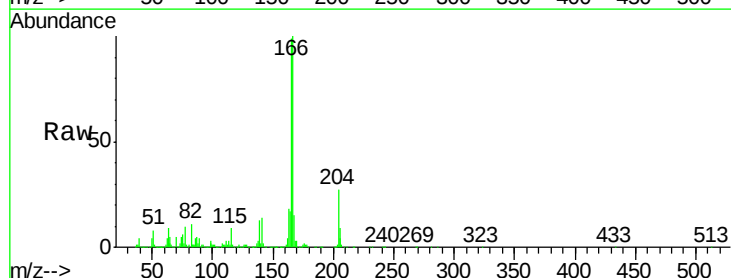
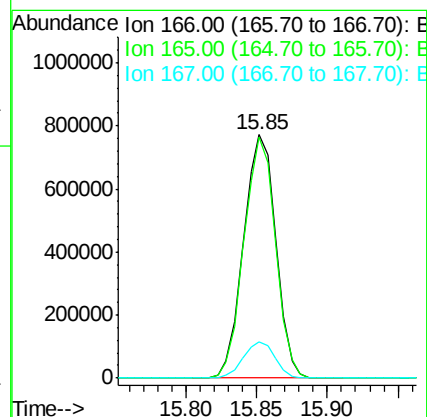
RT: 15.85 min Scan# 2215

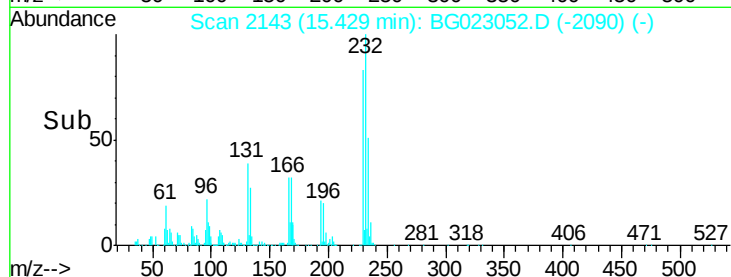
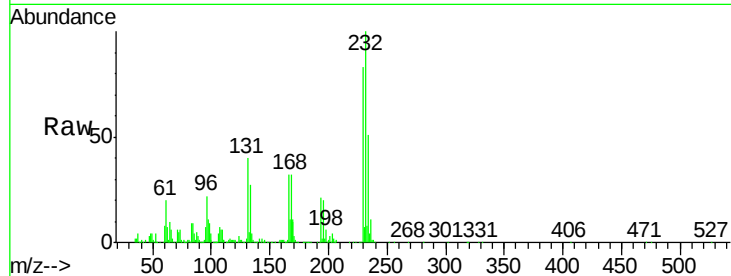
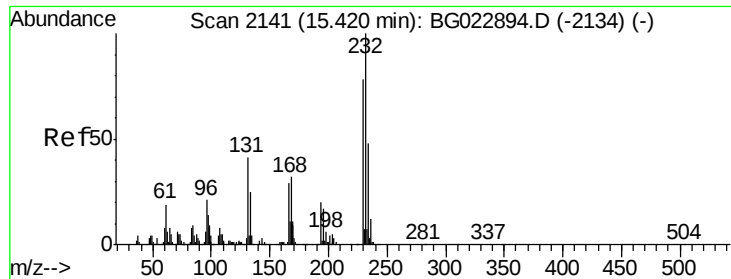
Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tgt Ion:	166	Resp:	1234657
Ion Ratio	Lower	Upper	
166	100		
165	99.0	81.0	121.6
167	15.1	12.0	18.0





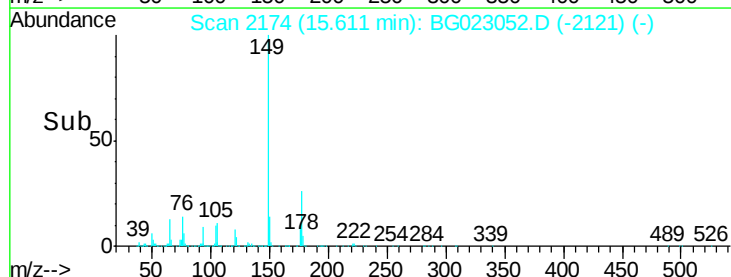
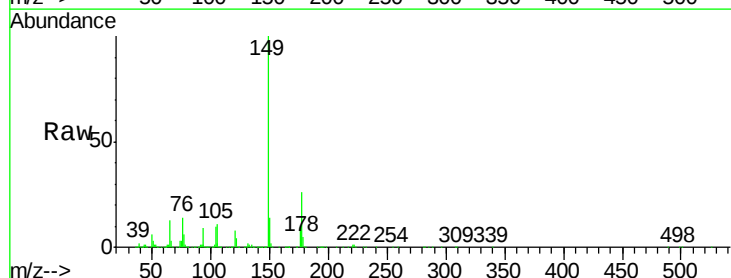
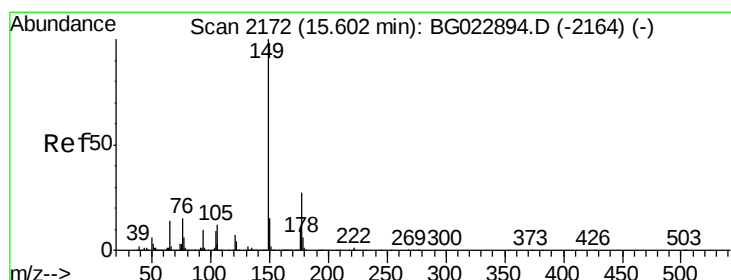
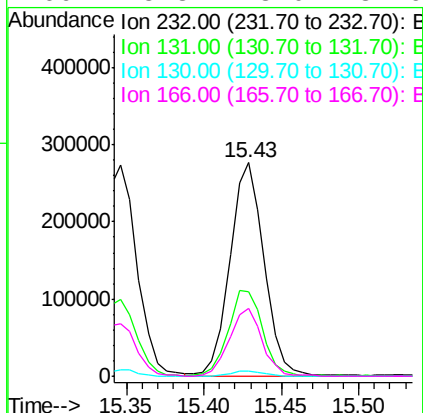
#58
2,3,4,6-Tetrachlorophenol
Concen: 47.17 ng/ml
RT: 15.43 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tot Ion	232	Resp	426045
Ion Ratio	Lower	Upper	
232	100		
131	37.2	32.7	49.1
130	3.2	2.6	3.8
166	25.3	23.0	34.6

Instrument :
BNA_G
ClientSampleId :
PB92058BS

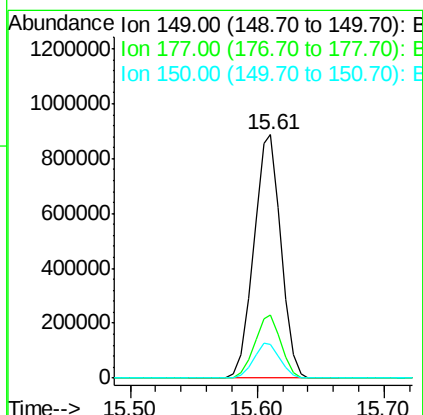
umangi

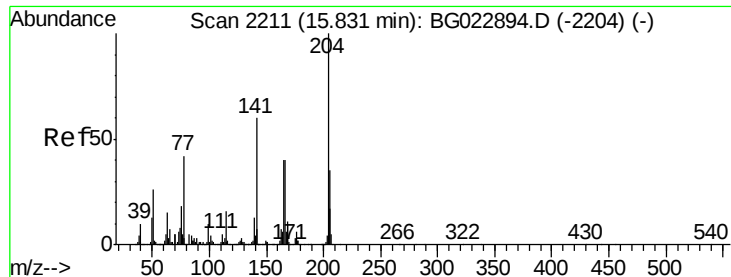
7/13/2016 6:28:41 PM



#59
Diethylphthalate
Concen: 44.59 ng/ml
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	149	Resp	1315523
Ion Ratio	Lower	Upper	
149	100		
177	26.0	19.2	28.8
150	13.8	10.6	16.0





#60

4-Chlorophenyl-phenylether

Concen: 44.00 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:204 Resp: 731042

Ion Ratio Lower Upper

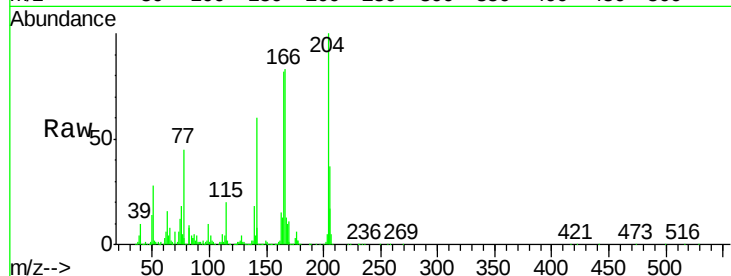
204 100

206 36.8 28.5 42.7

141 60.2 51.4 77.0

umangi

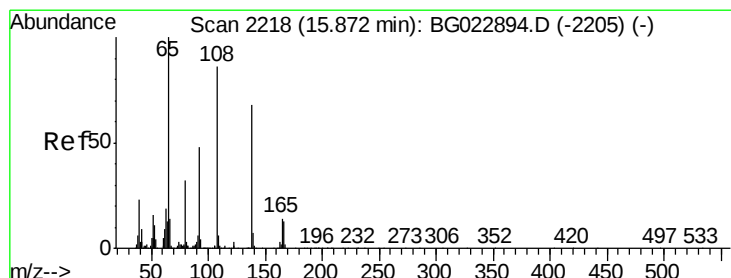
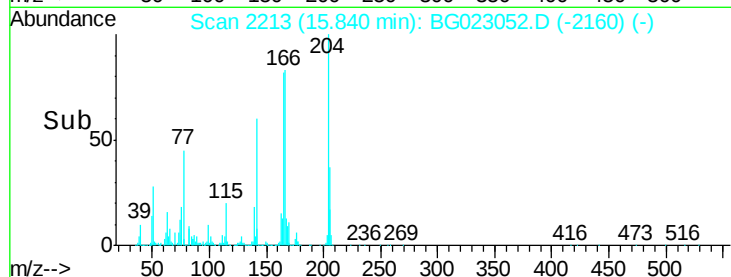
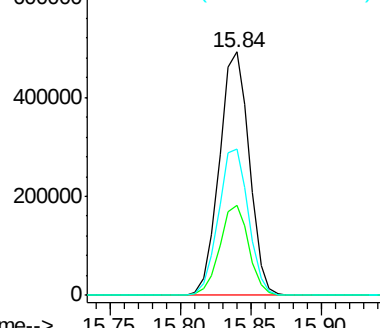
7/13/2016 6:28:41 PM



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 40.81 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

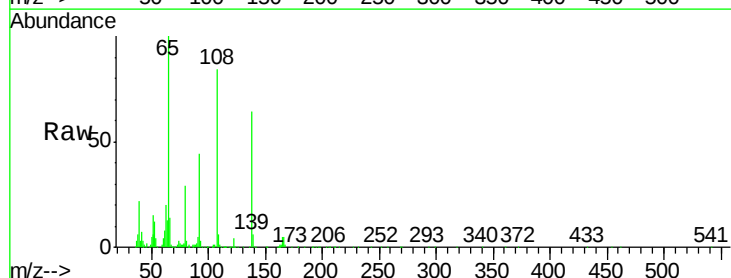
Tgt Ion:138 Resp: 286929

Ion Ratio Lower Upper

138 100

92 67.7 54.1 94.1

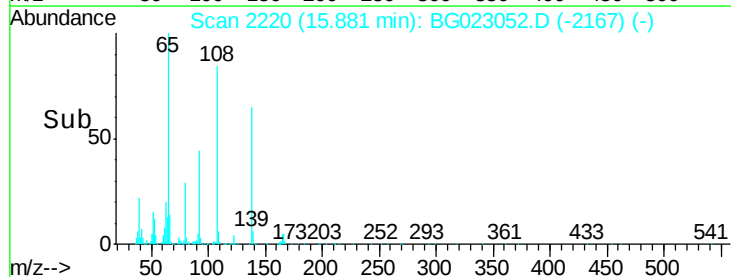
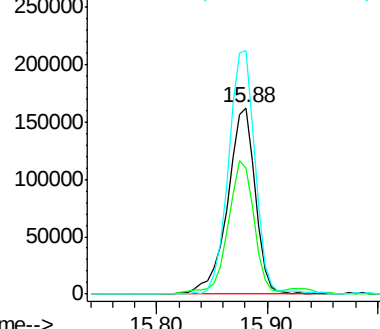
108 130.7 133.9 173.9#

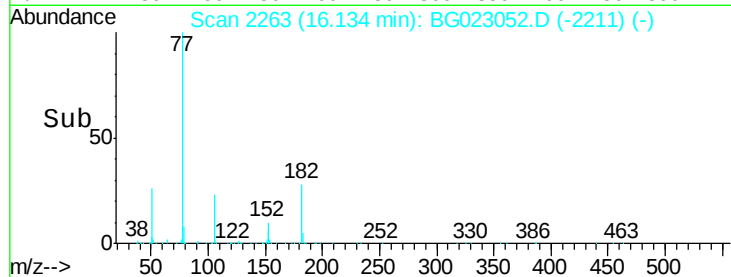
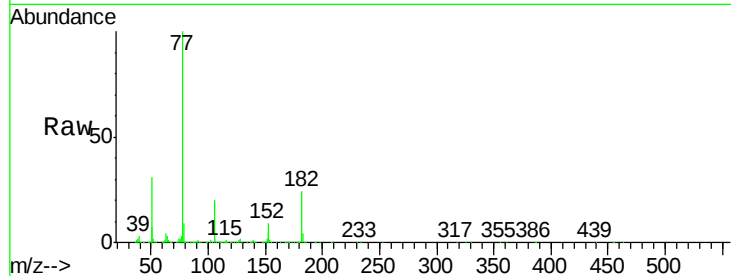
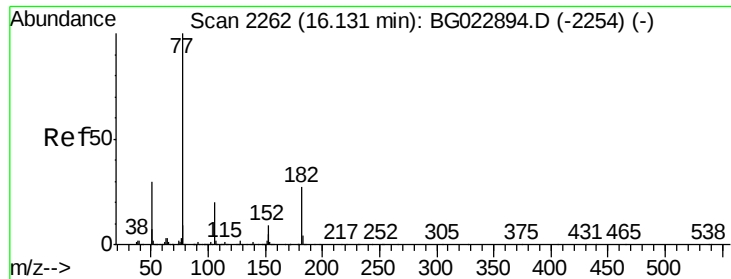


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 52.25 ng

RT: 16.13 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tot Ion: 77 Resp: 1474203

Ion Ratio Lower Upper

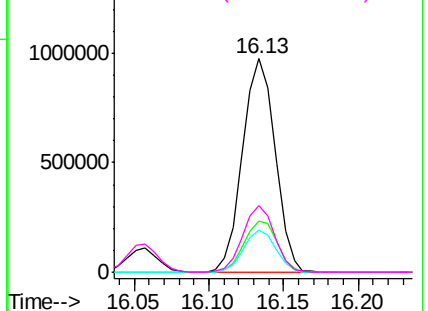
77 100

182 24.3 3.5 43.5

105 19.6 0.0 38.5

51 31.5 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



Instrument :

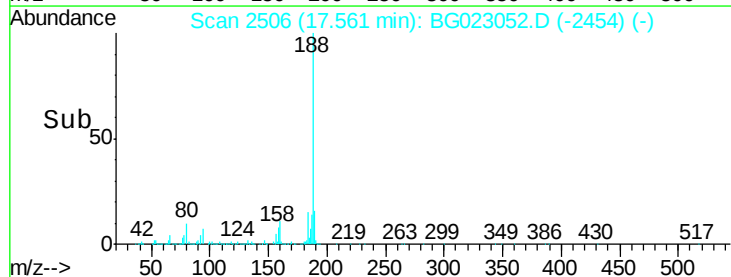
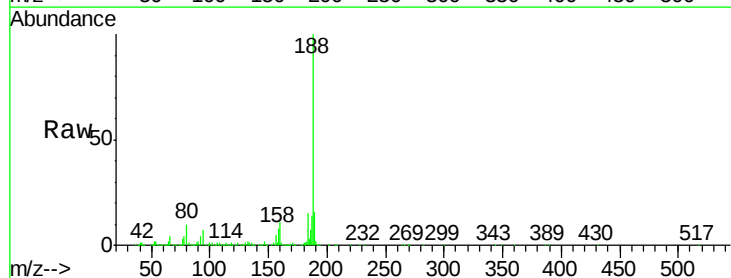
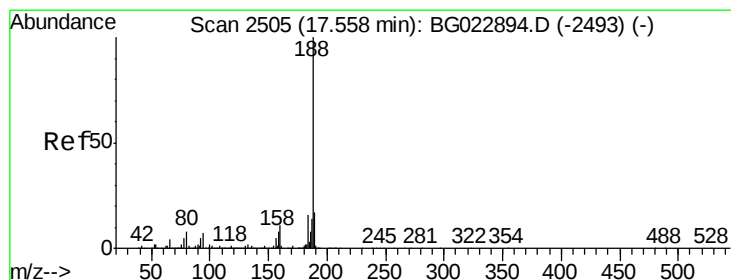
BNA_G

ClientSampled :

PB92058BS

umangi

7/13/2016 6:28:41 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tgt Ion: 188 Resp: 861695

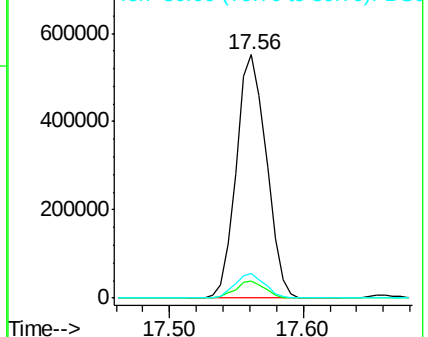
Ion Ratio Lower Upper

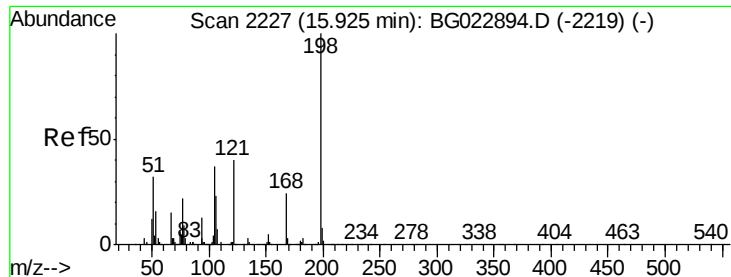
188 100

94 6.8 5.2 7.8

80 10.0 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: 40.92 ng

RT: 15.93 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:198 Resp: 262058

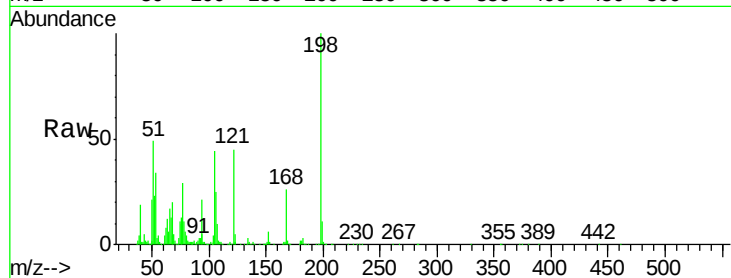
Ion Ratio Lower Upper

198 100

51 48.8 26.0 66.0

105 44.2 20.1 60.1

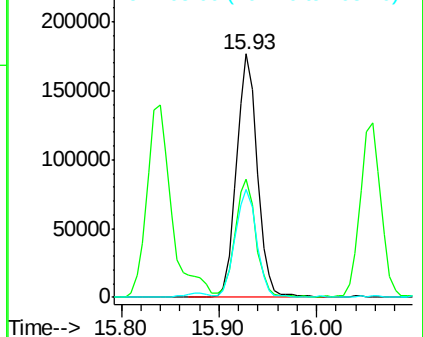
umangi



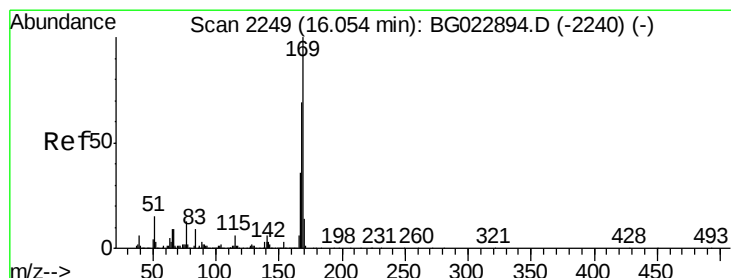
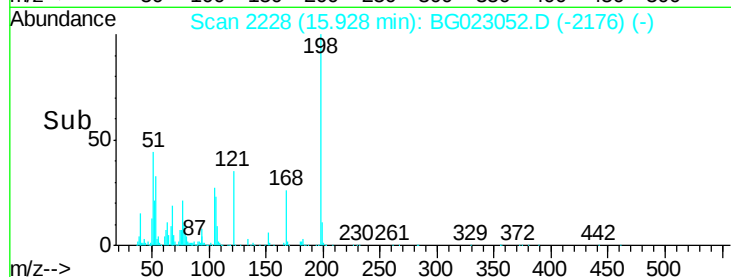
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



7/13/2016 6:28:41 PM



#65

n-Nitrosodiphenylamine

Concen: 46.38 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

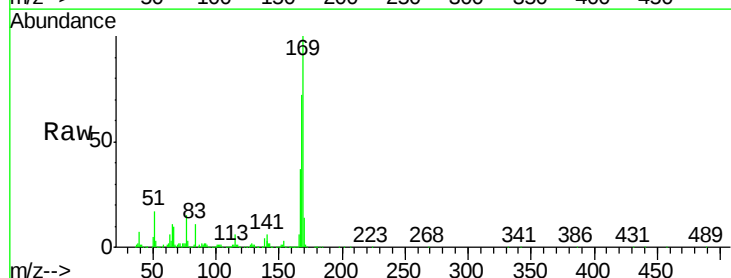
Tgt Ion:169 Resp: 1151466

Ion Ratio Lower Upper

169 100

168 71.5 55.0 82.4

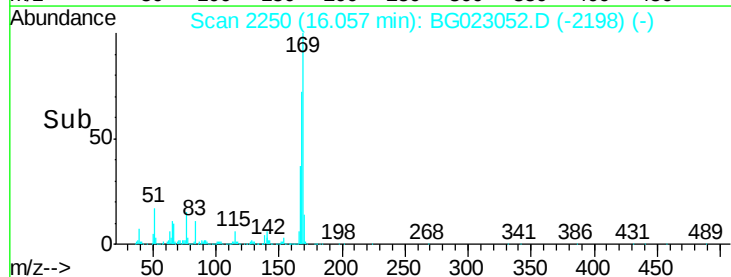
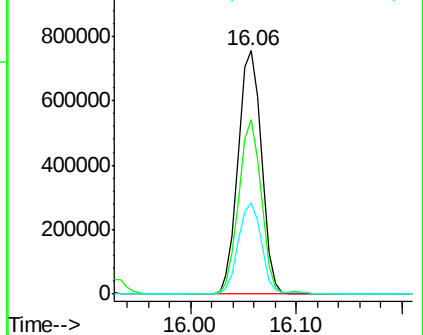
167 37.3 27.4 41.0

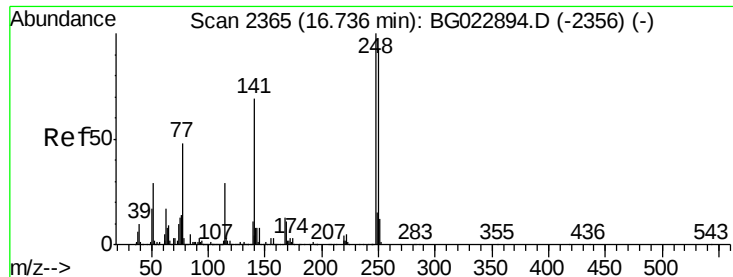


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





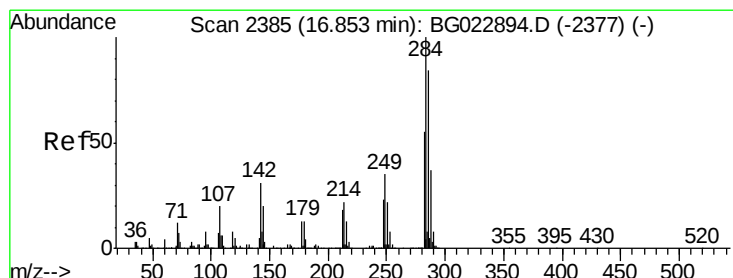
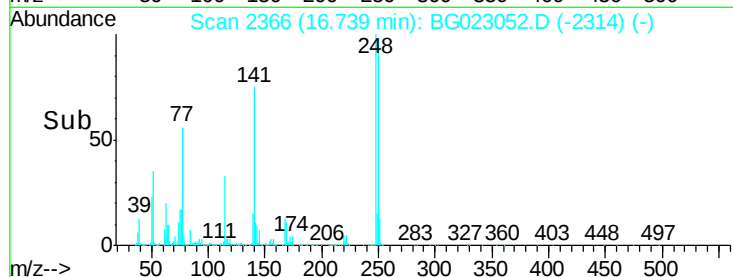
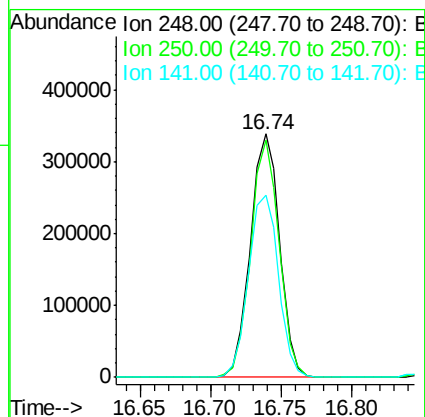
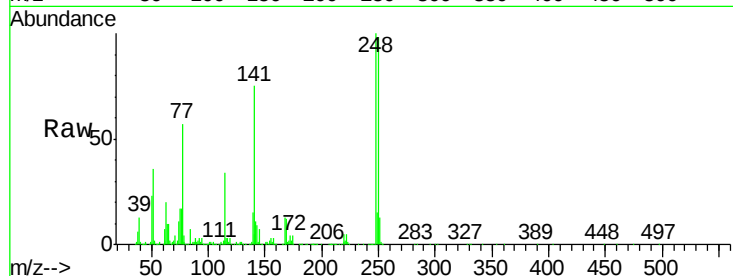
#66
4-Bromophenyl-phenylether
Concen: 43.95 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.8	116.8
141	74.7	65.7	98.5

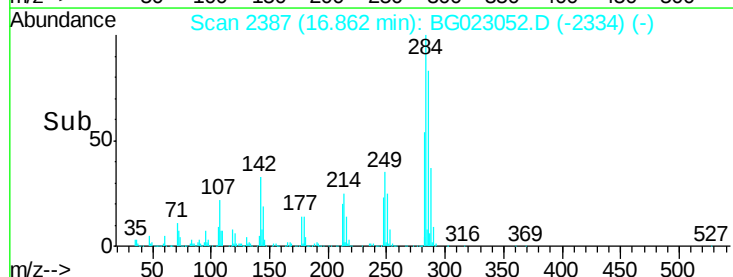
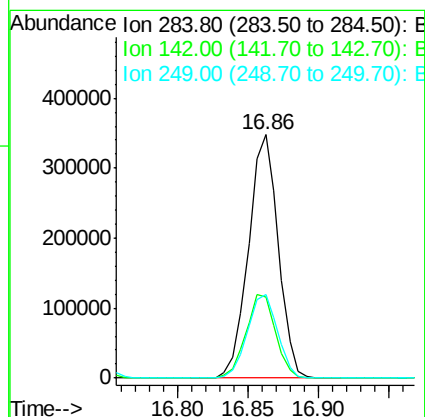
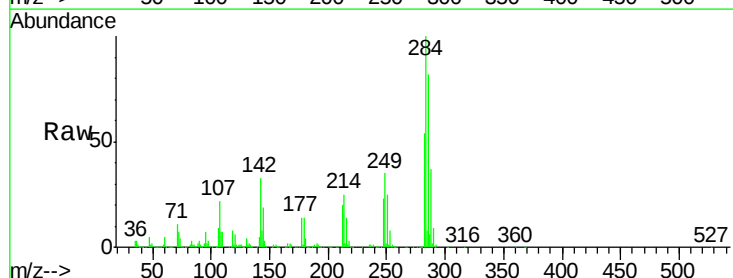
umangi

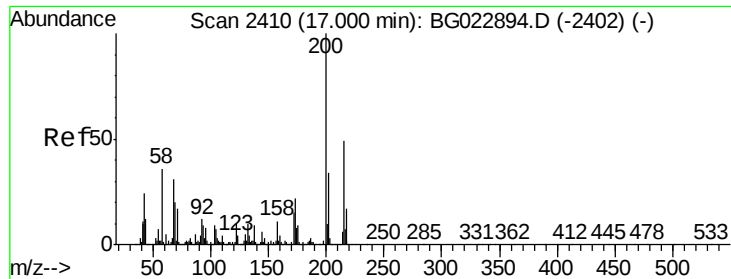
7/13/2016 6:28:41 PM



#67
Hexachlorobenzene
Concen: 42.14 ng
RT: 16.86 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.8	40.2
249	34.6	28.9	43.3





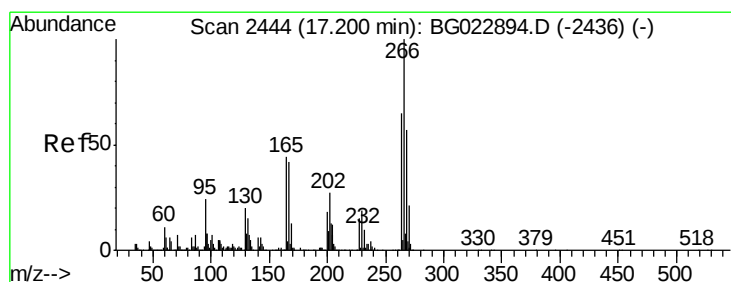
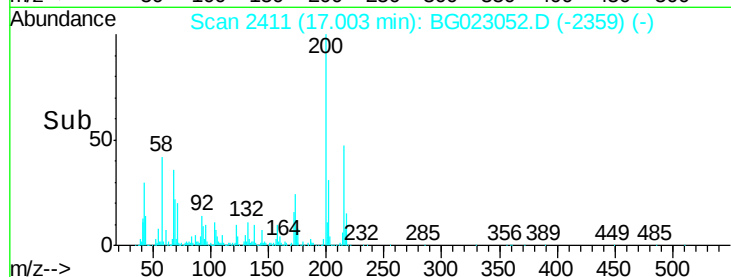
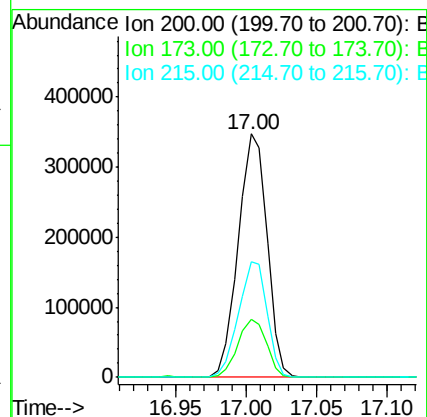
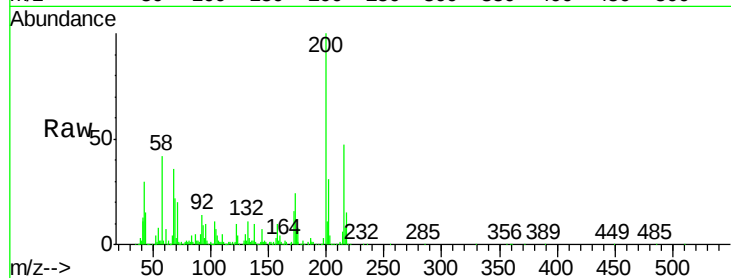
#68
Atrazine
Concen: 44.91 ng
RT: 17.00 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	1.6	41.6
215	47.2	28.7	68.7

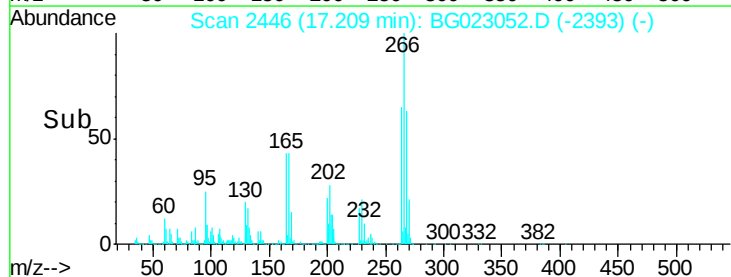
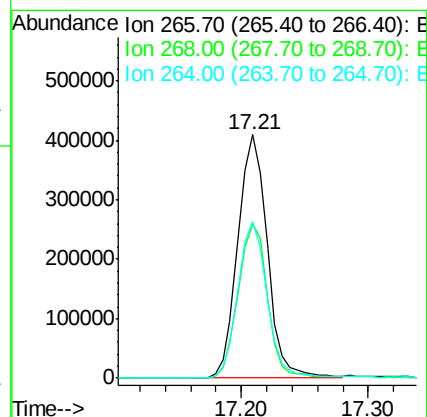
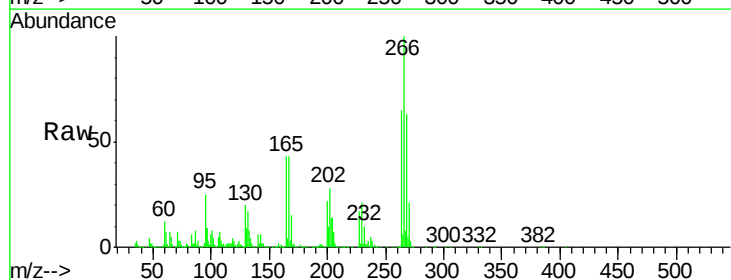
umangi

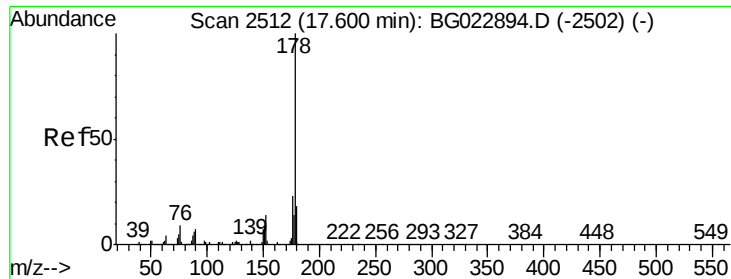
7/13/2016 6:28:41 PM



#69
Pentachlorophenol
Concen: 83.59 ng
RT: 17.21 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.9	77.9
264	64.5	50.6	75.8





#70

Phenanthrene

Concen: 46.36 ng

RT: 17.61 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:178 Resp: 1957649

Ion Ratio Lower Upper

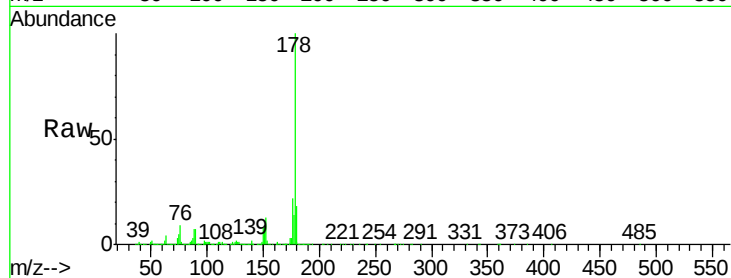
178 100

176 22.2 16.8 25.2

179 18.3 14.3 21.5

umangi

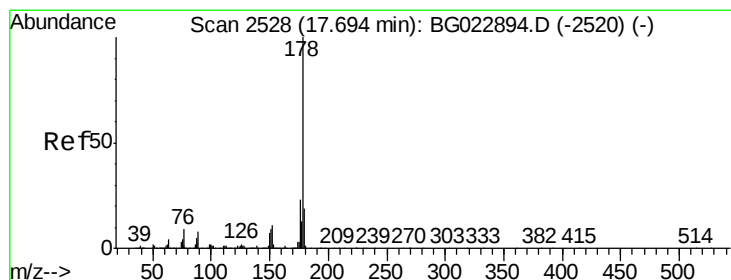
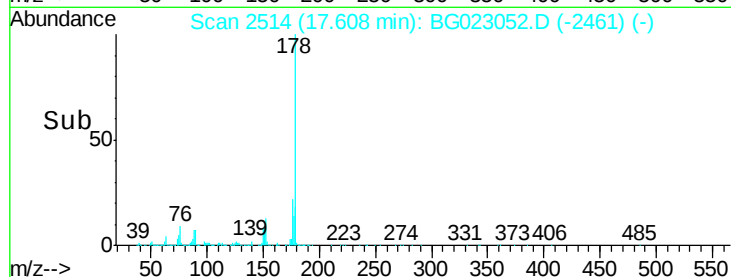
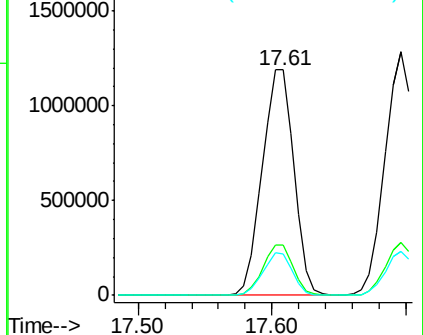
7/13/2016 6:28:41 PM



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: 46.55 ng

RT: 17.70 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

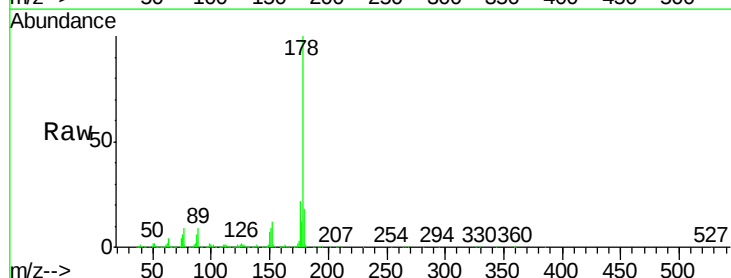
Tgt Ion:178 Resp: 1990363

Ion Ratio Lower Upper

178 100

176 22.0 17.3 25.9

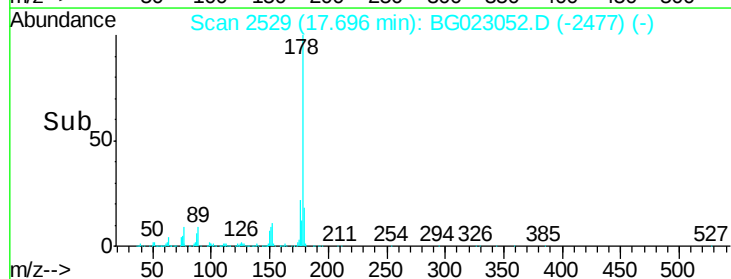
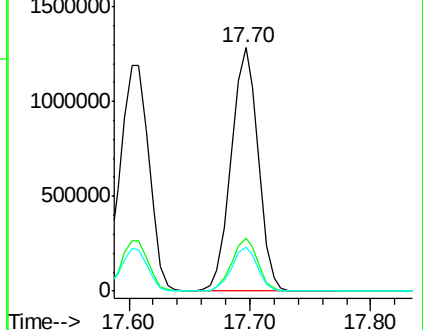
179 18.3 14.0 21.0

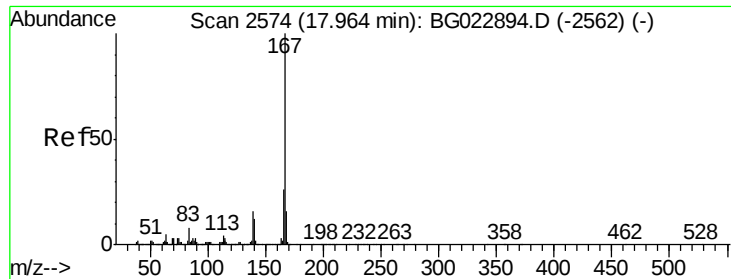


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 47.16 ng

RT: 17.97 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:167 Resp: 1742587

Ion	Ratio	Lower	Upper
167	100		
166	25.3	20.7	31.1
139	15.9	11.9	17.9

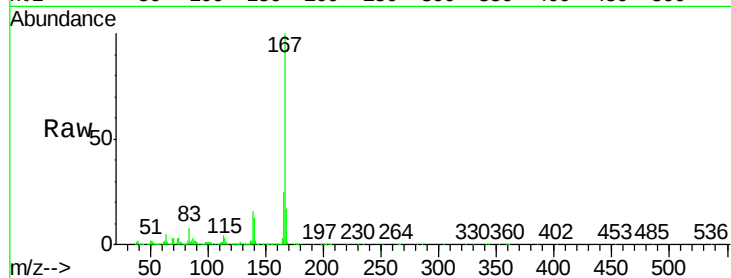
167 100

166 25.3 20.7 31.1

139 15.9 11.9 17.9

umangi

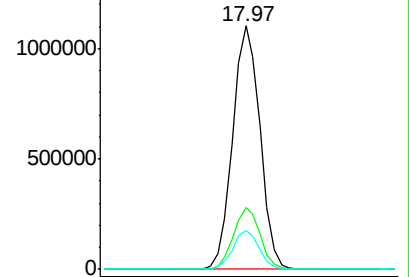
7/13/2016 6:28:41 PM



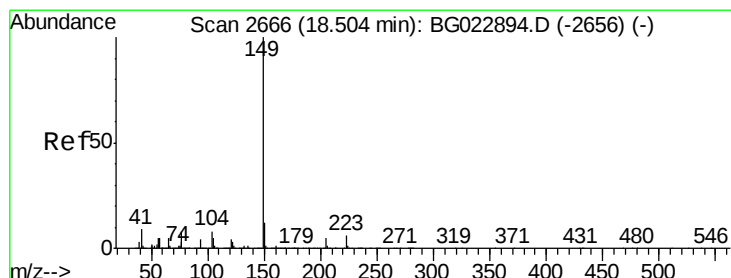
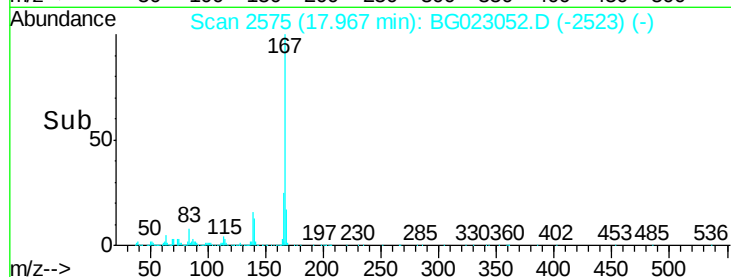
Abundance Ion 167.00 (166.70 to 167.70): E

1500000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 50.62 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

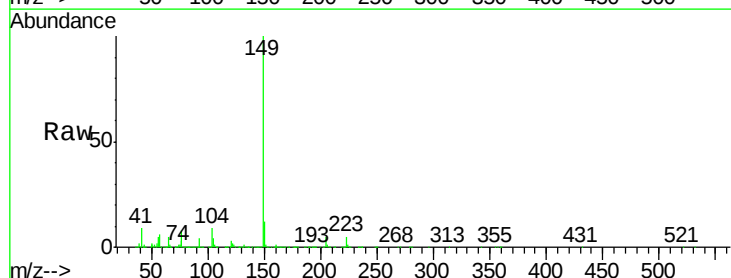
Tgt Ion:149 Resp: 2080100

Ion	Ratio	Lower	Upper
149	100		
150	12.1	9.1	13.7
104	8.5	6.9	10.3

149 100

150 12.1 9.1 13.7

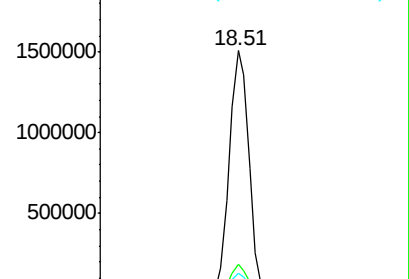
104 8.5 6.9 10.3



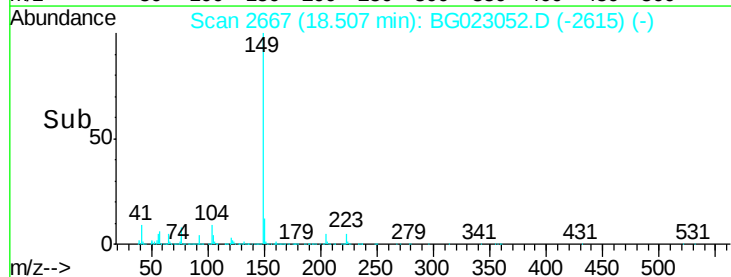
Abundance Ion 149.00 (148.70 to 149.70): E

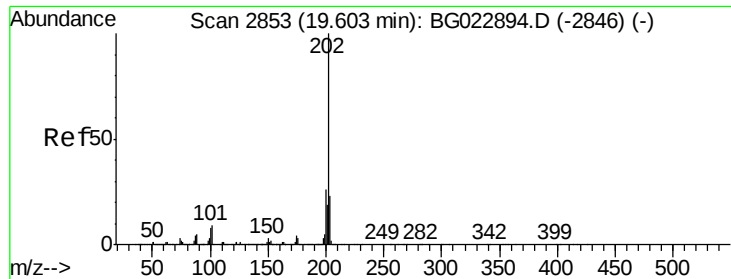
2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#74

Fluoranthene

Concen: 43.99 ng

RT: 19.61 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:202 Resp: 2279837

Ion Ratio Lower Upper

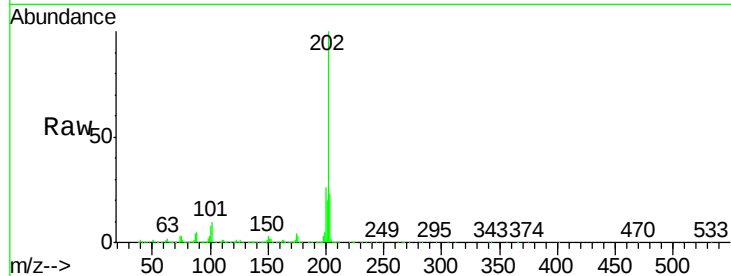
202 100

101 9.6 0.0 27.4

203 22.7 1.7 41.7

umangi

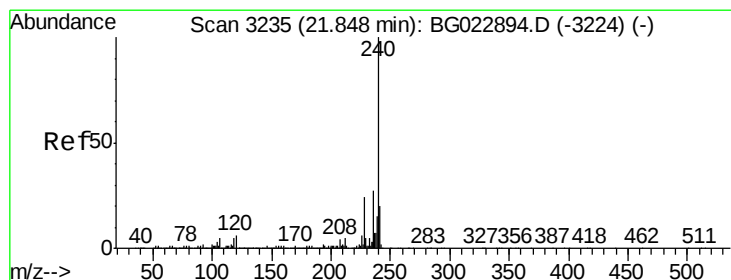
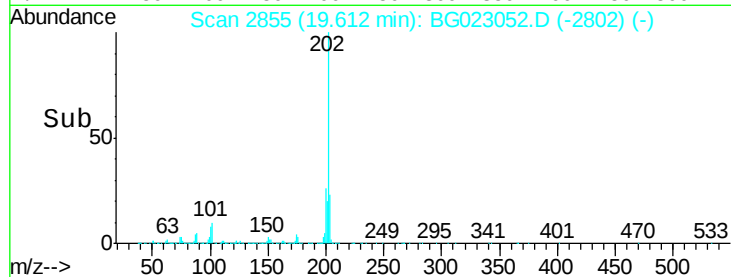
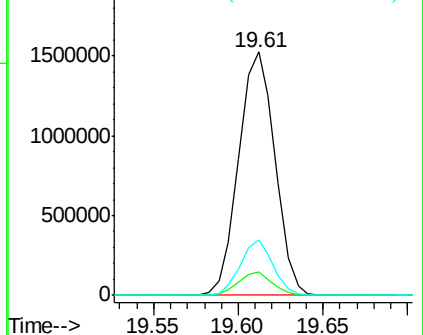
7/13/2016 6:28:41 PM



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: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

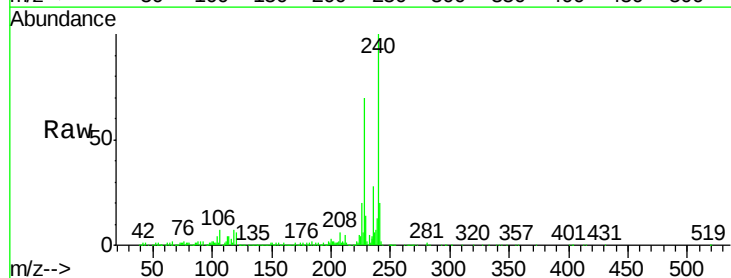
Tgt Ion:240 Resp: 937767

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

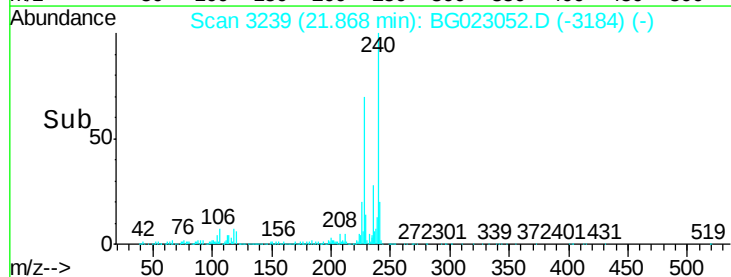
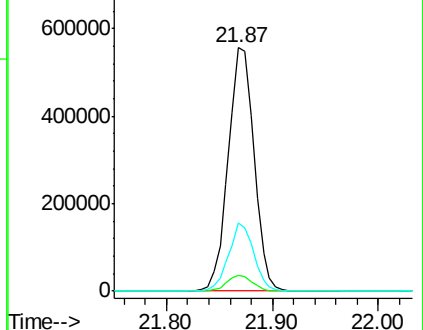
236 28.0 21.1 31.7

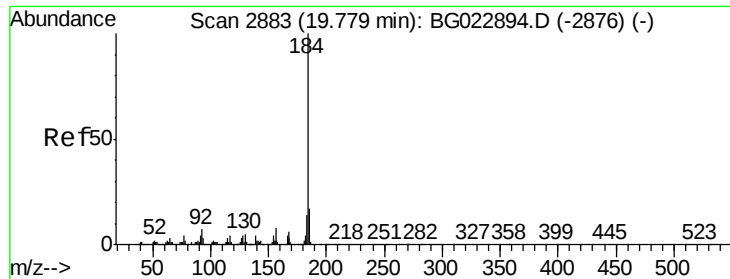


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 34.56 ng

RT: 19.79 min Scan# 2885

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

PB92058BS

Tot Ion:184 Resp: 929148

Ion Ratio Lower Upper

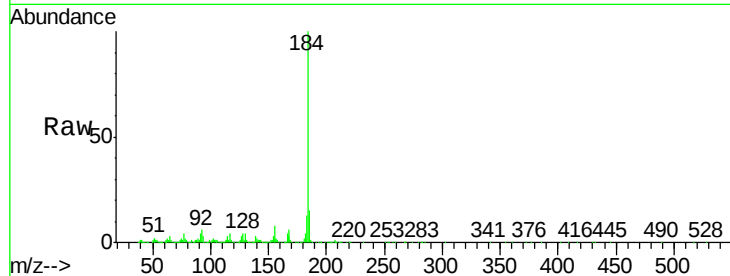
184 100

185 15.2 12.6 19.0

183 12.9 10.7 16.1

umangi

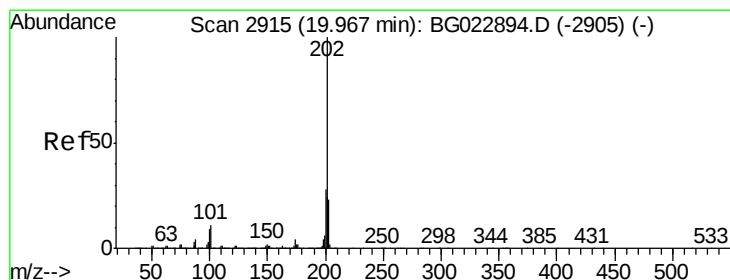
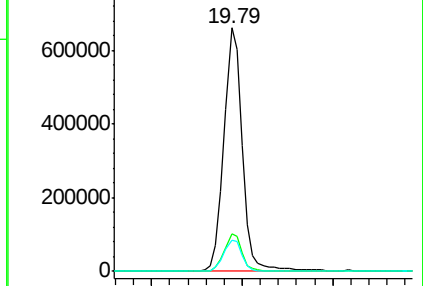
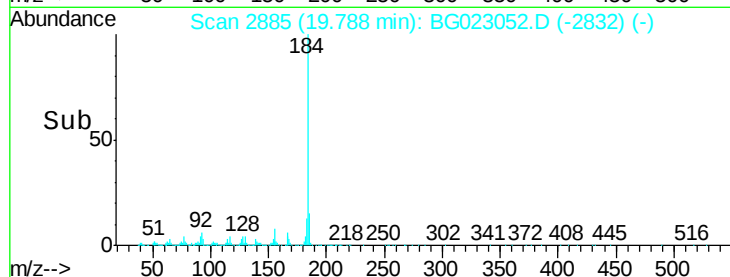
7/13/2016 6:28:41 PM



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: 43.54 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

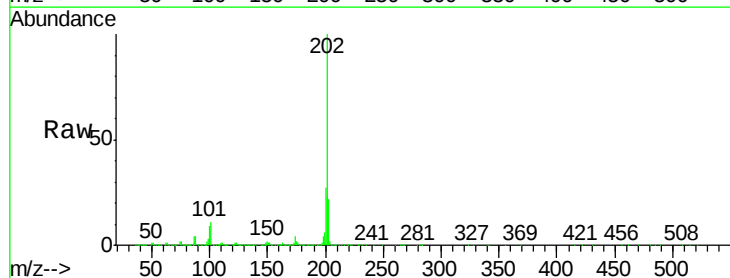
Tgt Ion:202 Resp: 2294530

Ion Ratio Lower Upper

202 100

200 26.8 21.2 31.8

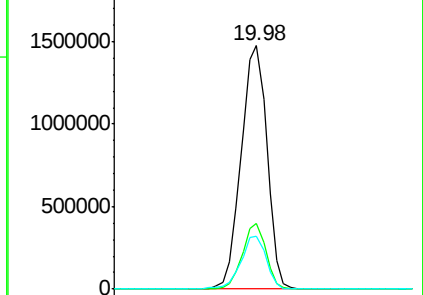
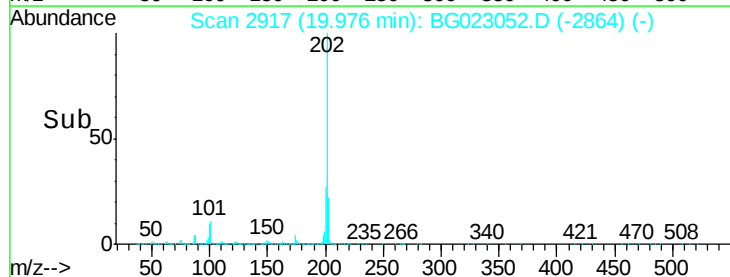
203 21.8 16.8 25.2

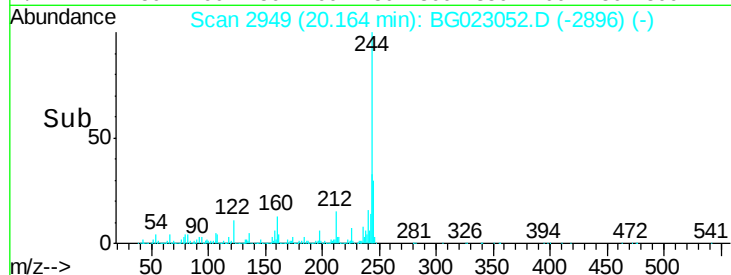
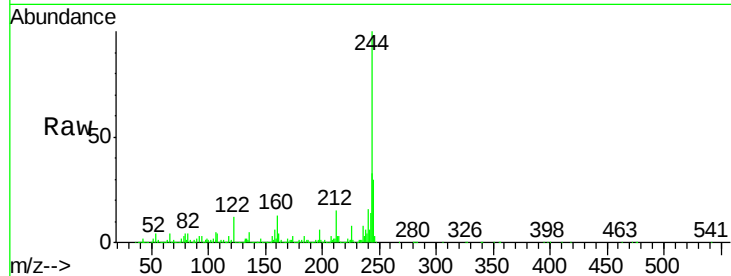
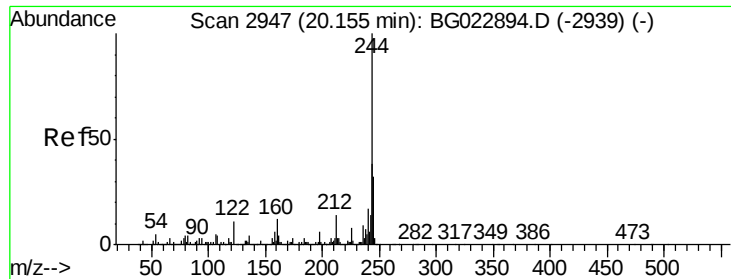


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 107.33 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tot Ion:244 Resp: 2870667

Ion Ratio Lower Upper

244 100

212 14.6 10.8 16.2

122 11.5 8.0 12.0

Instrument :

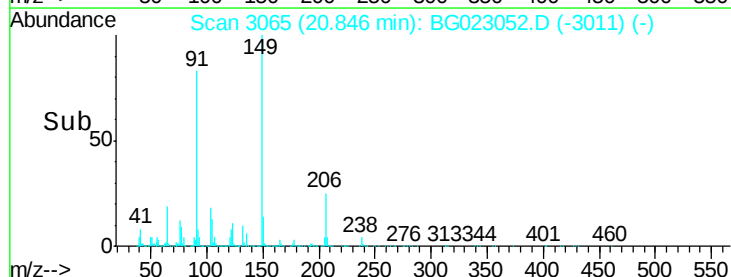
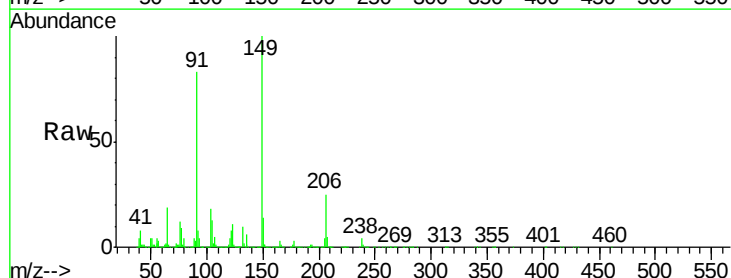
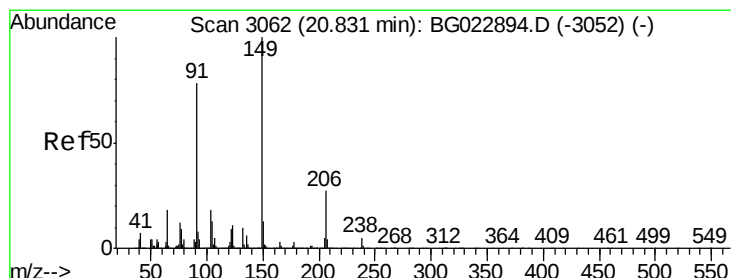
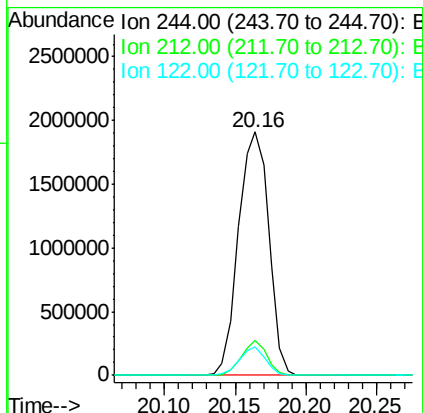
BNA_G

ClientSampleId :

PB92058BS

umangi

7/13/2016 6:28:41 PM



#79

Butylbenzylphthalate

Concen: 49.30 ng

RT: 20.85 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

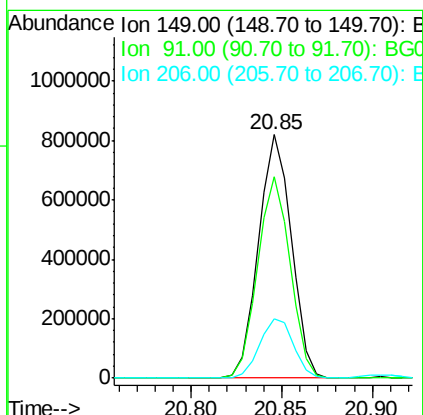
Tgt Ion:149 Resp: 1029030

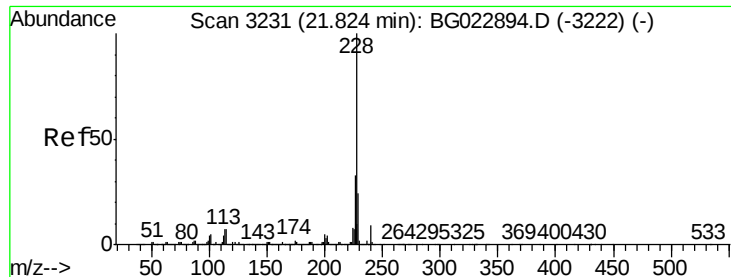
Ion Ratio Lower Upper

149 100

91 82.5 68.1 102.1

206 24.6 19.8 29.6





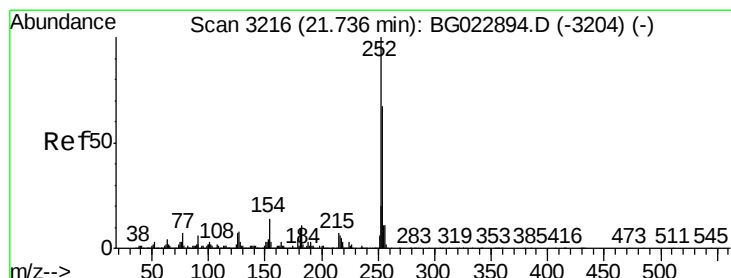
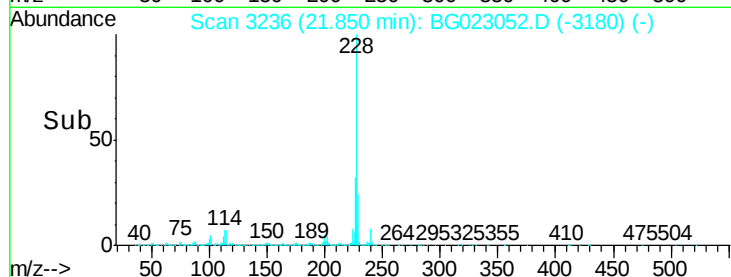
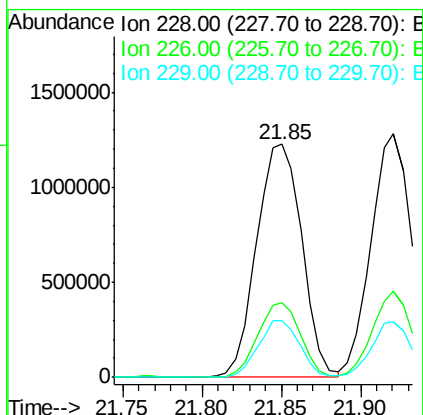
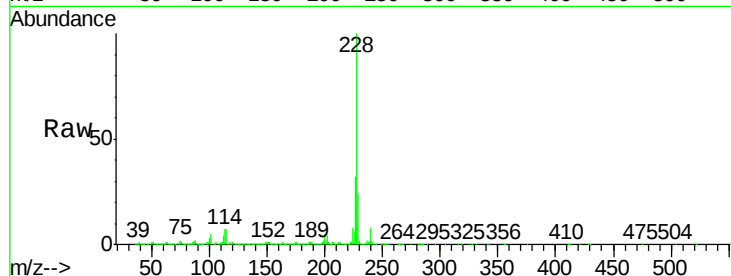
#80
Benzo(a)anthracene
Concen: 46.31 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.03 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion:228 Resp: 2429920
Ion Ratio Lower Upper
228 100
226 32.0 25.3 37.9
229 24.2 19.9 29.9

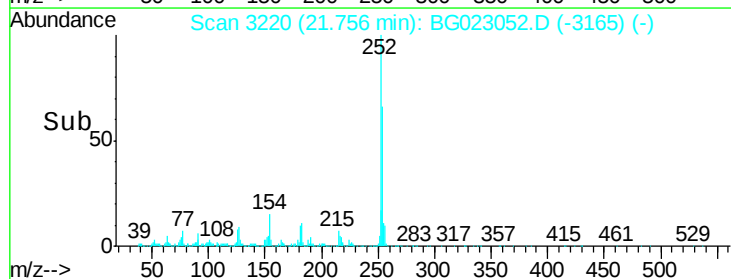
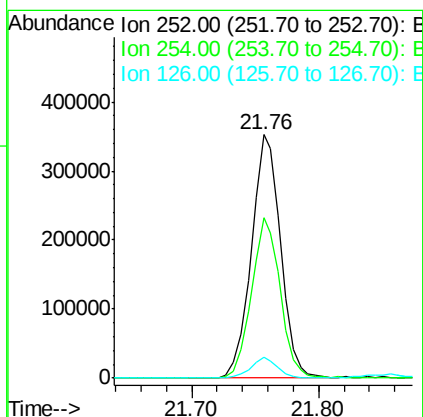
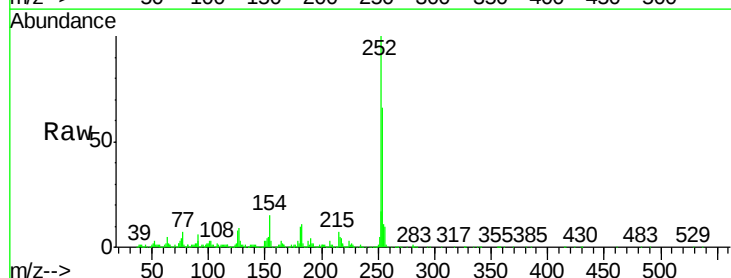
umangi

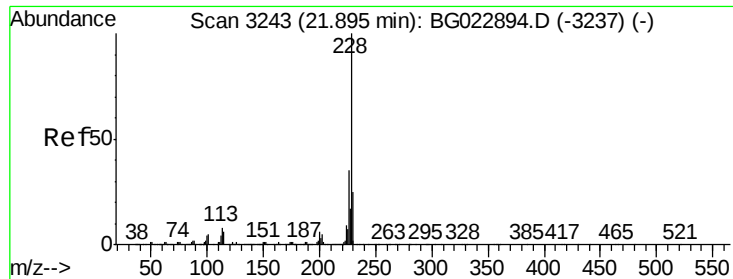
7/13/2016 6:28:41 PM



#81
3,3'-Dichlorobenzidine
Concen: 24.59 ng
RT: 21.76 min Scan# 3220
Delta R.T. 0.02 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion:252 Resp: 566243
Ion Ratio Lower Upper
252 100
254 65.7 51.2 76.8
126 8.4 5.3 7.9#





#82

Chrysene

Concen: 46.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. 0.03 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

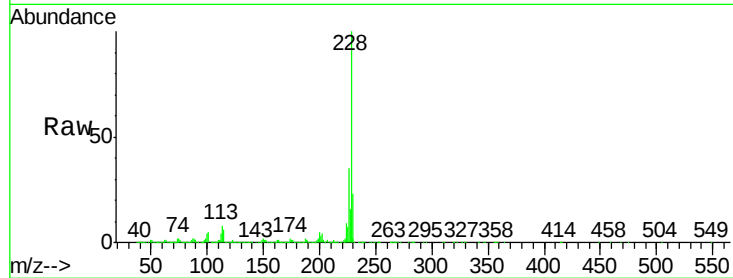
PB92058BS

Tot Ion:228 Resp: 2263792

Ion	Ratio	Lower	Upper
228	100		
226	35.2	26.7	40.1
229	22.8	17.4	26.2

umangi

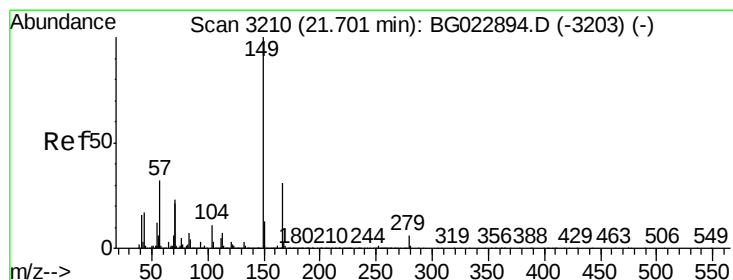
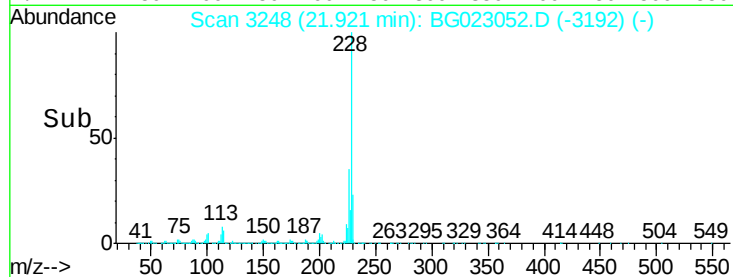
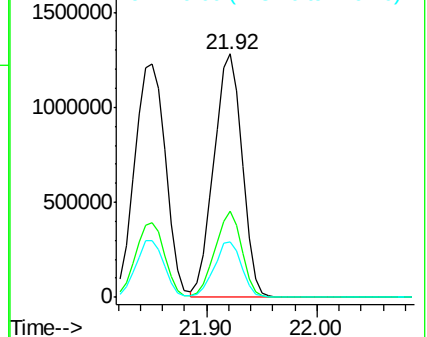
7/13/2016 6:28:41 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.19 ng

RT: 21.73 min Scan# 3215

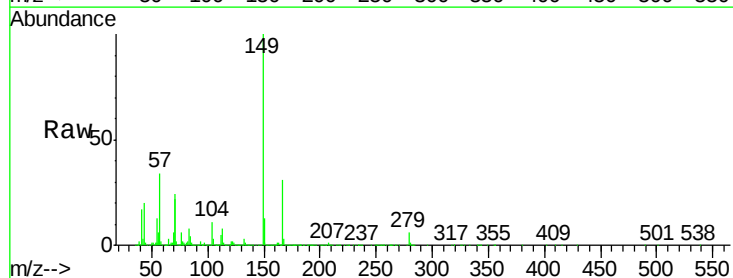
Delta R.T. 0.03 min

Lab File: BG023052.D

Acq: 13 Jul 2016 2:07

Tgt Ion:149 Resp: 1396615

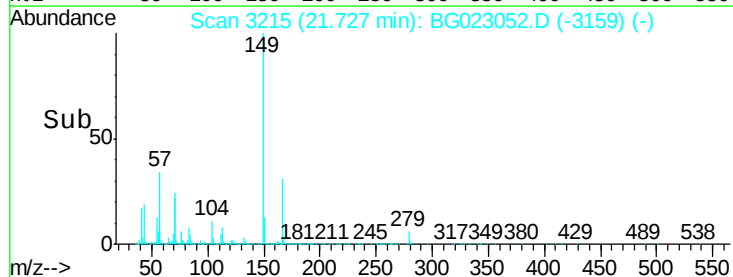
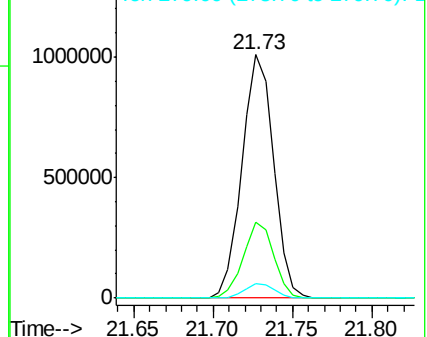
Ion	Ratio	Lower	Upper
149	100		
167	31.1	24.0	36.0
279	5.8	4.8	7.2

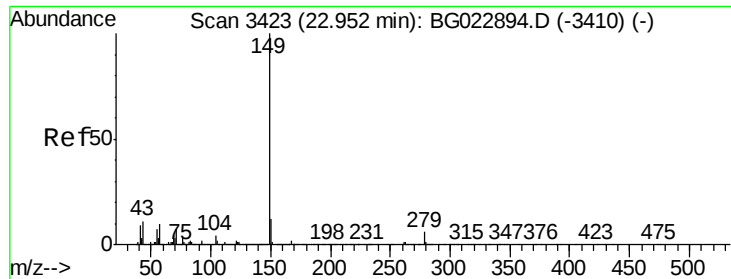


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





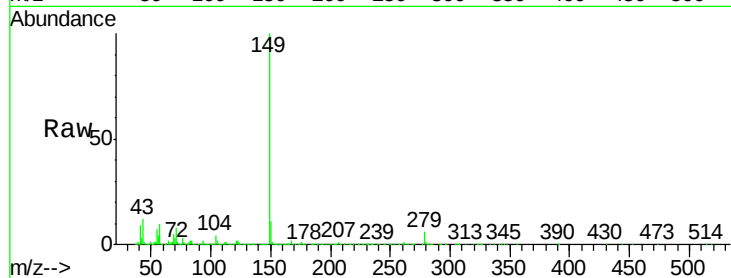
#84
Di-n-octyl phthalate
Concen: 48.24 ng
RT: 23.00 min Scan# 3431
Delta R.T. 0.04 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

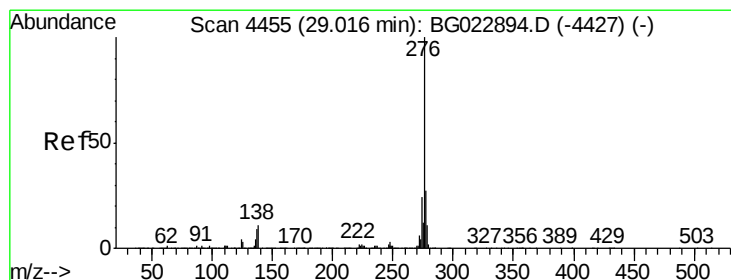
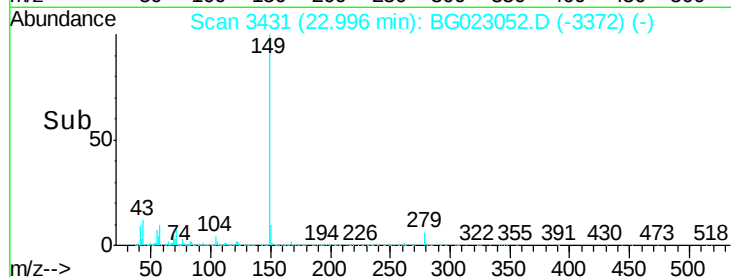
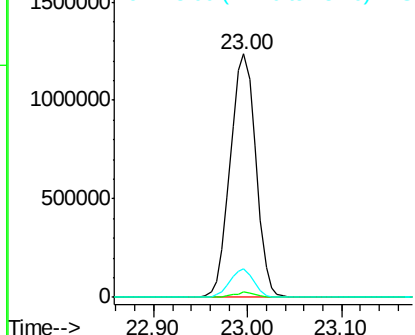
Tot Ion:149 Resp: 2331515
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 10.9 8.8 13.2

umangi

7/13/2016 6:28:41 PM

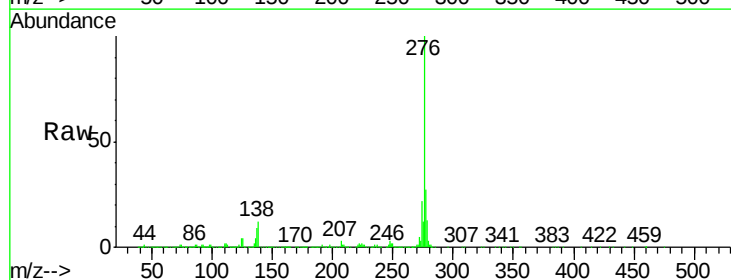


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

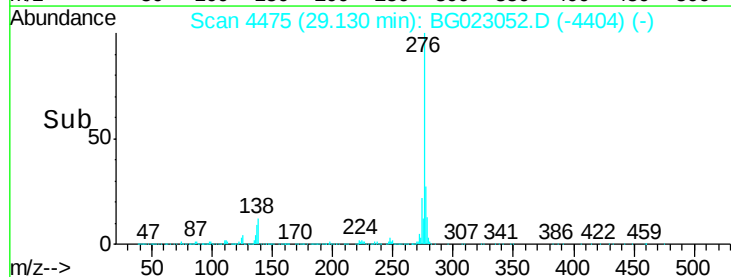
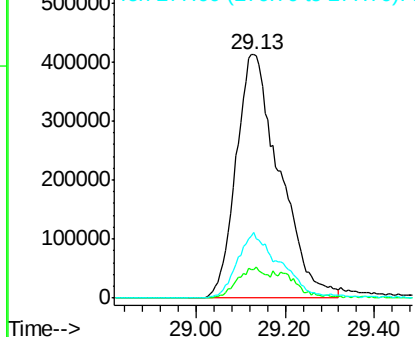


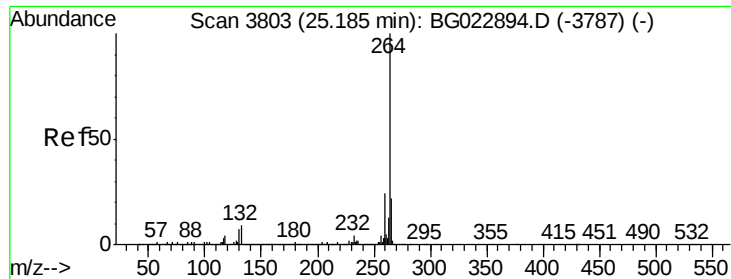
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.45 ng
RT: 29.13 min Scan# 4475
Delta R.T. 0.11 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion:276 Resp: 2789295
Ion Ratio Lower Upper
276 100
138 8.5 0.0 0.0#
277 26.1 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





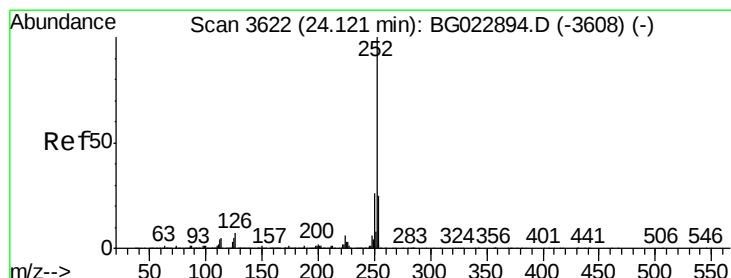
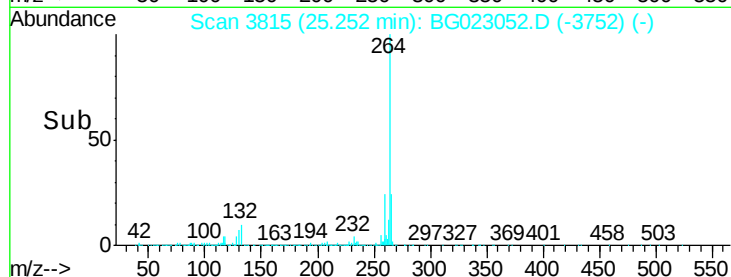
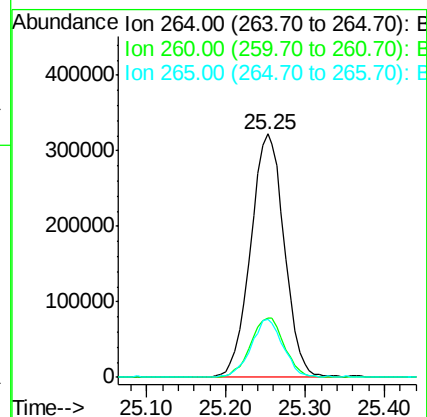
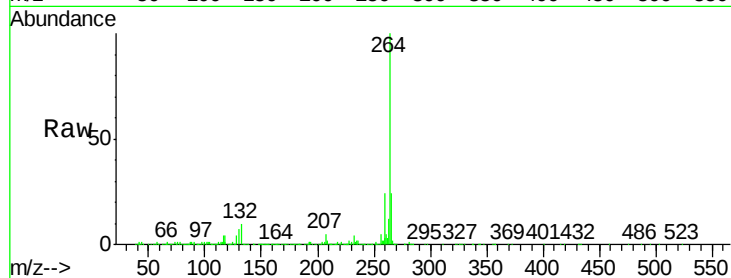
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. 0.07 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	23.8	18.9	28.3

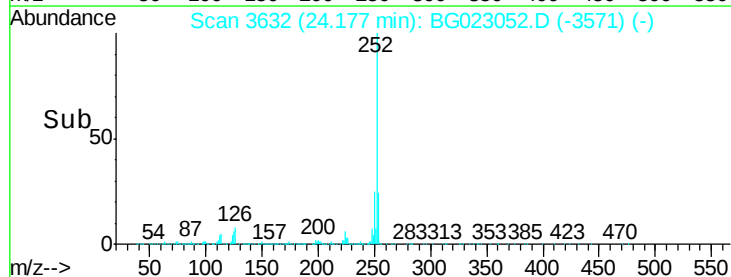
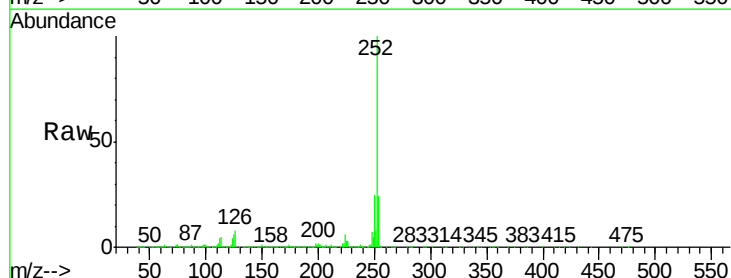
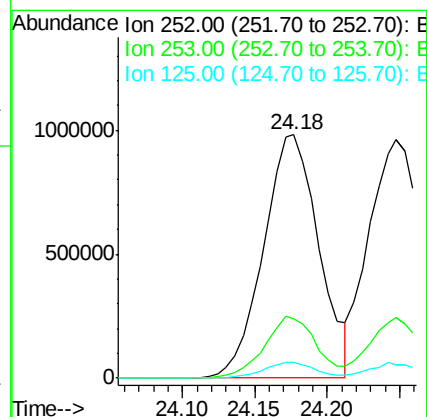
umangi

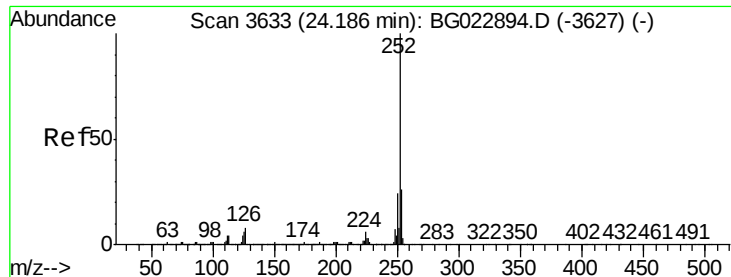
7/13/2016 6:28:41 PM



#87
Benzo(b)fluoranthene
Concen: 47.51 ng m
RT: 24.18 min Scan# 3632
Delta R.T. 0.06 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	6.2	3.9	5.9#





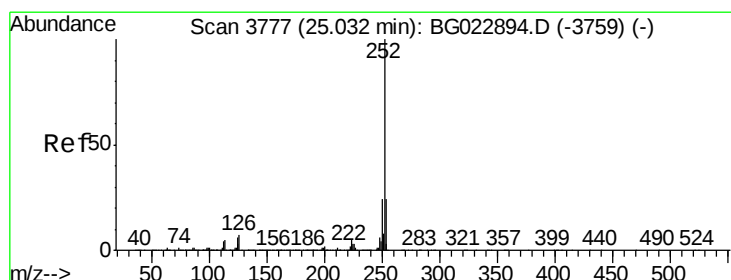
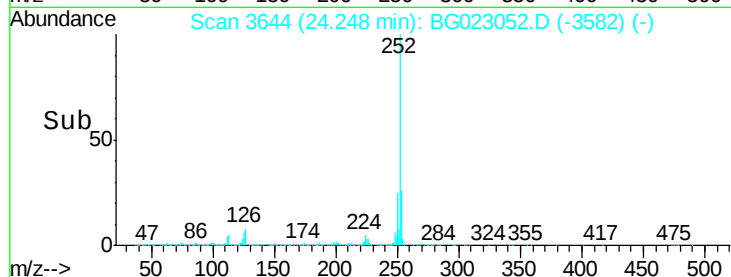
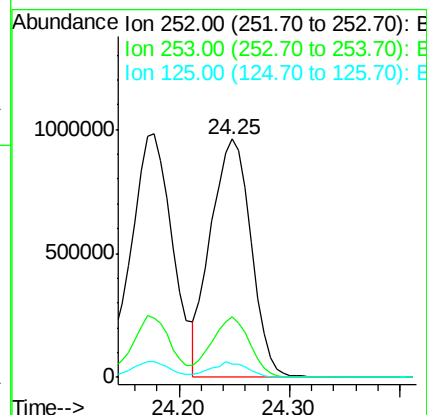
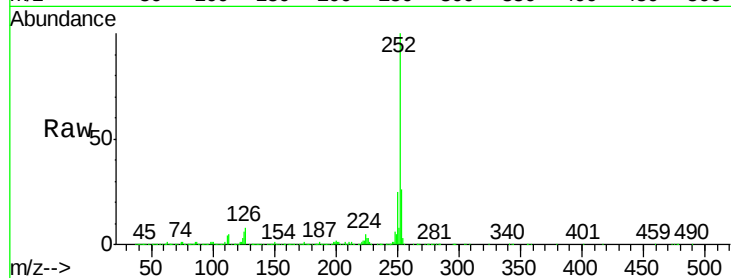
#88
Benzo(k)fluoranthene
Concen: 46.55 ng
RT: 24.25 min Scan# 3644
Delta R.T. 0.06 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.8	28.2
125	5.7	3.2	4.8

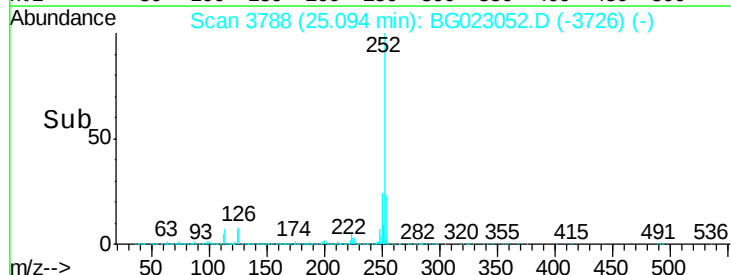
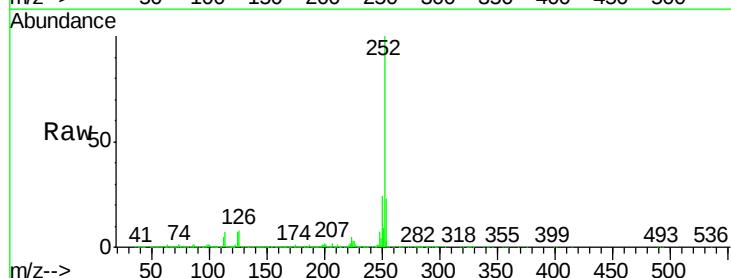
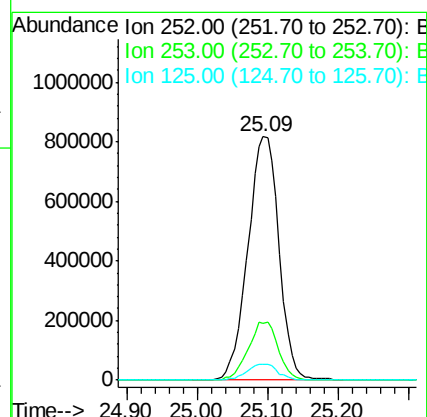
umangi

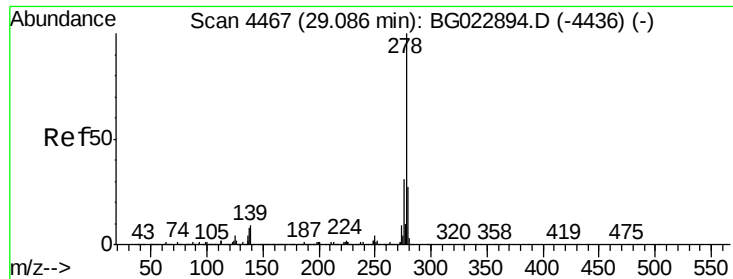
7/13/2016 6:28:41 PM



#89
Benzo(a)pyrene
Concen: 47.62 ng
RT: 25.09 min Scan# 3788
Delta R.T. 0.06 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	6.7	3.9	5.9





#90
Dibenzo(a,h)anthracene
Concen: 44.71 ng
RT: 29.20 min Scan# 4487
Delta R.T. 0.11 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

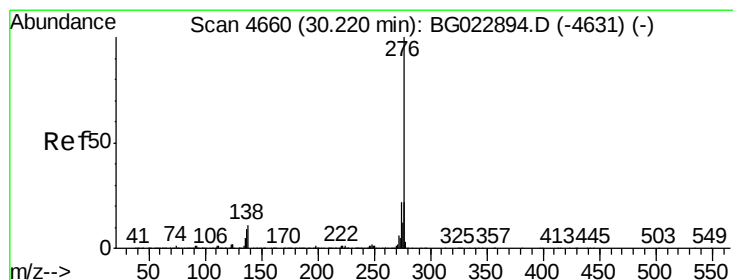
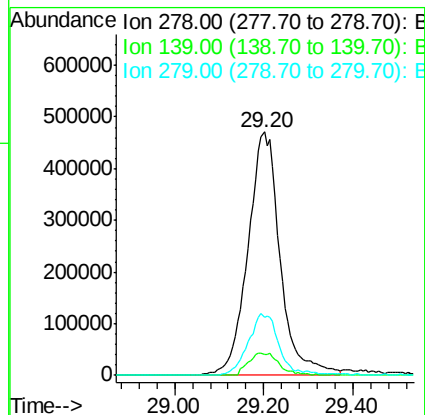
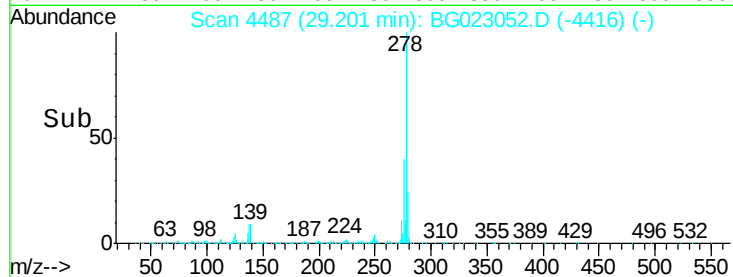
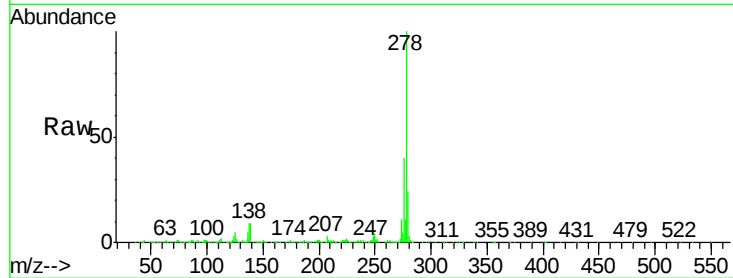
Instrument :
BNA_G
ClientSampleId :
PB92058BS

Tot Ion:278 Resp: 2336117

Ion	Ratio	Lower	Upper
278	100		
139	8.8	4.7	7.1#
279	23.8	18.3	27.5

umangi

7/13/2016 6:28:41 PM



#91
Benzo(g,h,i)perylene
Concen: 43.73 ng
RT: 30.35 min Scan# 4682
Delta R.T. 0.13 min
Lab File: BG023052.D
Acq: 13 Jul 2016 2:07

Tgt Ion:276 Resp: 2288664

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	27.8
138	11.6	6.8	10.2#

