

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023851.D
 Acq On : 23 Aug 2016 13:45
 Operator : UM/SJ
 Sample : PB93023BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

Quant Time: Aug 24 01:17:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	95018	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	400541	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	263193	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	634991	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	701017	20.00	ng	-0.02
86) Perylene-d12	25.21	264	702949	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	790514	140.04	ng	-0.03
7) Phenol-d6	7.25	99	1137320	129.36	ng	-0.03
23) Nitrobenzene-d5	9.27	82	774411	96.12	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	478257	124.23	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1466223	93.96	ng	-0.02
78) Terphenyl-d14	20.13	244	2281492	106.75	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	82399	34.26	ng	92
3) Pyridine	3.90	79	281818	35.66	ng	95
4) n-Nitrosodimethylamine	3.81	42	138531	47.28	ng	# 97
6) Aniline	7.41	93	319098	25.12	ng	98
8) 2-Chlorophenol	7.65	128	289757	44.68	ng	99
9) Benzaldehyde	7.22	77	86130	14.13	ng	89
10) Phenol	7.28	94	420136	44.67	ng	87
11) bis(2-Chloroethyl)ether	7.50	93	305134	40.67	ng	87
12) 1,3-Dichlorobenzene	7.98	146	314960	42.42	ng	95
13) 1,4-Dichlorobenzene	8.12	146	316112	41.59	ng	95
14) 1,2-Dichlorobenzene	8.45	146	304181	40.80	ng	# 92
15) Benzyl Alcohol	8.33	79	337667	50.69	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	435698	39.49	ng	90
17) 2-Methylphenol	8.54	107	280173	44.43	ng	92
18) Hexachloroethane	9.18	117	125085	43.72	ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	297141	39.29	ng	97
20) 3+4-Methylphenols	8.87	107	384430	43.25	ng	88
22) Acetophenone	8.92	105	430343	39.24	ng	# 94
24) Nitrobenzene	9.31	77	426798	47.84	ng	91
25) Isophorone	9.83	82	759259	45.24	ng	# 94
26) 2-Nitrophenol	10.03	139	173413	46.05	ng	# 83
27) 2,4-Dimethylphenol	10.09	122	300410	46.86	ng	87
28) bis(2-Chloroethoxy)methane	10.32	93	436768	43.30	ng	98
29) 2,4-Dichlorophenol	10.58	162	316932	49.16	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	312730	44.98	ng	98
31) Naphthalene	10.98	128	906197	44.43	ng	99
32) Benzoic acid	10.24	122	150816	28.56	ng	95
33) 4-Chloroaniline	11.10	127	156521	16.05	ng	# 86
34) Hexachlorobutadiene	11.25	225	216897	47.44	ng	94
35) Caprolactam	11.87	113	57474	21.19	ng	93
36) 4-Chloro-3-methylphenol	12.22	107	385296	45.49	ng	94
37) 2-Methylnaphthalene	12.81	142	641434	41.36	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	337911	35.40	ng	99
40) Hexachlorocyclopentadiene	12.92	237	328605	68.28	ng	98

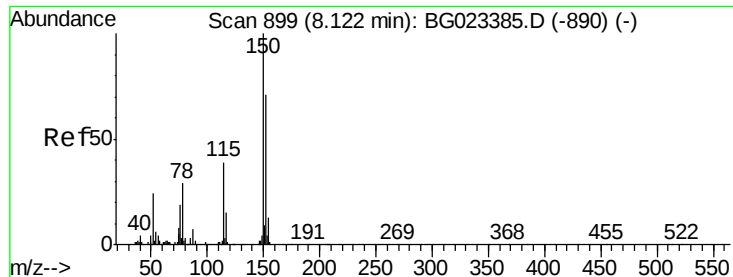
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	261003	45.91	ng	97
43) 2,4,5-Trichlorophenol	13.28	196	271204	46.33	ng	# 96
45) 1,1'-Biphenyl	13.59	154	809902	40.25	ng	95
46) 2-Chloronaphthalene	13.64	162	718261	46.15	ng	98
47) 2-Nitroaniline	13.85	65	303001	46.89	ng	89
48) Acenaphthylene	14.49	152	1134397	46.11	ng	99
49) Dimethylphthalate	14.21	163	960807	47.58	ng	99
50) 2,6-Dinitrotoluene	14.34	165	216240	45.22	ng	90
51) Acenaphthene	14.83	154	709633	45.53	ng	99
52) 3-Nitroaniline	14.68	138	130449	24.19	ng	86
53) 2,4-Dinitrophenol	14.90	184	210259	68.59	ng	94
54) Dibenzofuran	15.16	168	1122497	49.60	ng	98
55) 4-Nitrophenol	15.00	139	339702	80.21	ng	# 82
56) 2,4-Dinitrotoluene	15.14	165	319537	47.61	ng	96
57) Fluorene	15.82	166	920074	46.59	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	271059	50.47	ng	96
59) Diethylphthalate	15.57	149	1003449	48.95	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	473265	45.29	ng	98
61) 4-Nitroaniline	15.85	138	236009	41.11	ng	# 68
62) Azobenzene	16.10	77	1108037	53.33	ng	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	169599	39.28	ng	91
65) n-Nitrosodiphenylamine	16.03	169	850811	45.68	ng	97
66) 4-Bromophenyl-phenylether	16.70	248	329908	44.58	ng	99
67) Hexachlorobenzene	16.83	284	358463	44.27	ng	97
68) Atrazine	16.97	200	357448	49.98	ng	96
69) Pentachlorophenol	17.18	266	363681	77.04	ng	99
70) Phenanthrene	17.57	178	1535502	47.66	ng	98
71) Anthracene	17.66	178	1582437	48.83	ng	100
72) Carbazole	17.94	167	1451668	51.01	ng	97
73) Di-n-butylphthalate	18.48	149	1712396	62.29	ng	98
74) Fluoranthene	19.59	202	1837445	64.33	ng	96
76) Benzidine	19.76	184	805010	41.31	ng	99
77) Pyrene	19.95	202	1863816	47.42	ng	97
79) Butylbenzylphthalate	20.82	149	845601	50.09	ng	97
80) Benzo(a)anthracene	21.82	228	1845234	47.68	ng	97
81) 3,3'-Dichlorobenzidine	21.73	252	417702	26.32	ng	# 94
82) Chrysene	21.89	228	1728443	46.95	ng	98
83) Bis(2-ethylhexyl)phthalate	21.69	149	1149526	49.73	ng	98
84) Di-n-octyl phthalate	22.96	149	1971414	49.97	ng	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2123136	46.15	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	1911038	48.32	ng	# 98
88) Benzo(k)fluoranthene	24.21	252	1800551	47.40	ng	# 97
89) Benzo(a)pyrene	25.07	252	1842816	48.99	ng	# 97
90) Dibenzo(a,h)anthracene	29.17	278	1814030	47.21	ng	# 92
91) Benzo(g,h,i)perylene	30.32	276	1773617	45.84	ng	# 91

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

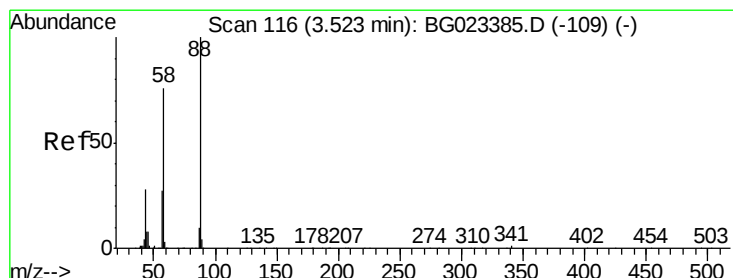
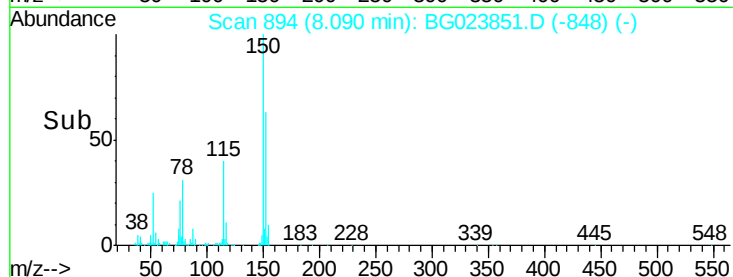
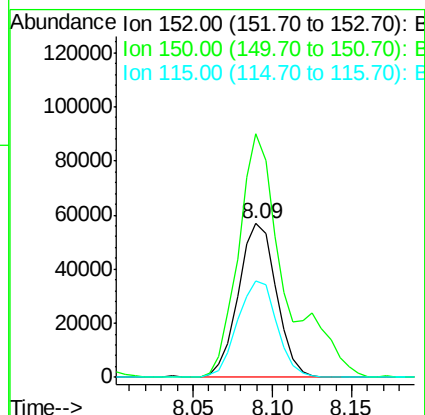
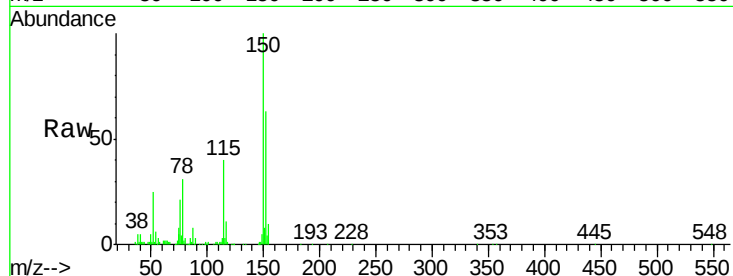


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Instrument :
BNA_G
ClientSampleId :
PB93023BS

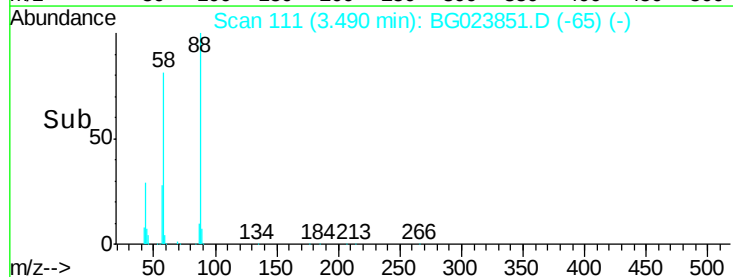
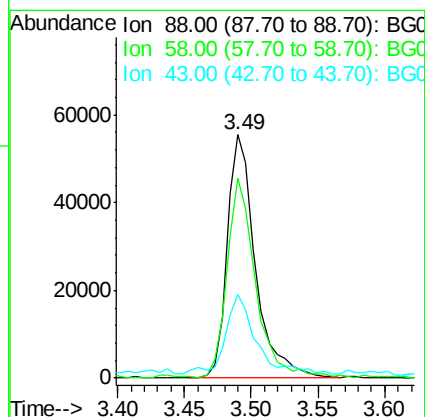
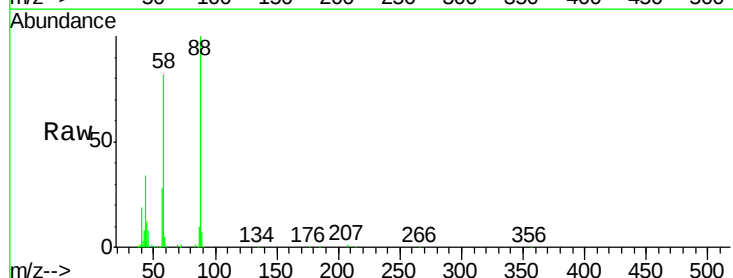
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	144.7	217.1
115	63.1	64.0	96.0

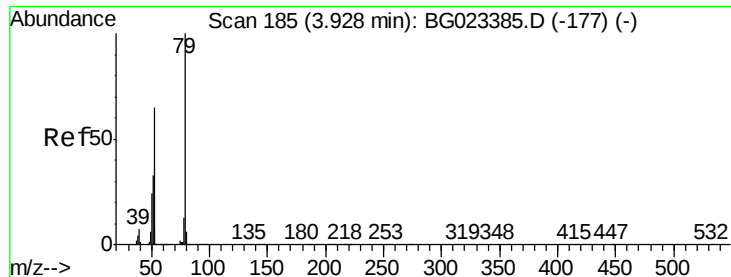


#2

1,4-Dioxane
Concen: 34.26 ng
RT: 3.49 min Scan# 111
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	60.4	90.6
43	35.7	31.1	46.7





#3

Pyridine

Concen: 35.66 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

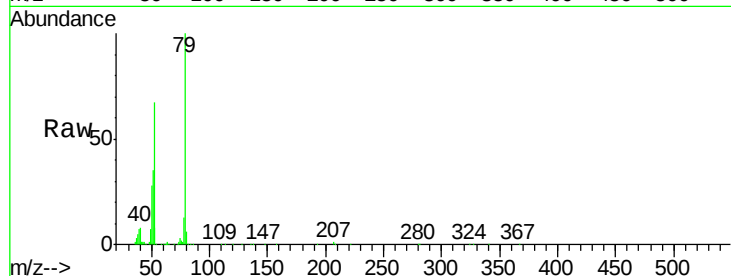
Tgt Ion: 79 Resp: 281818

Ion Ratio Lower Upper

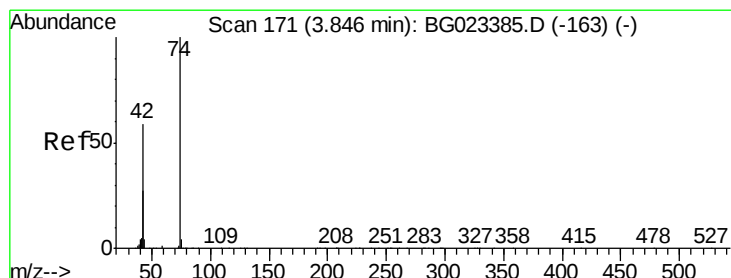
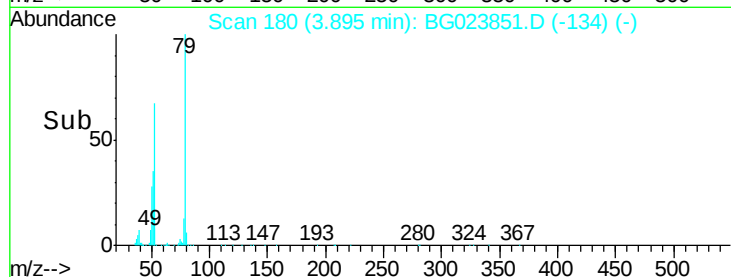
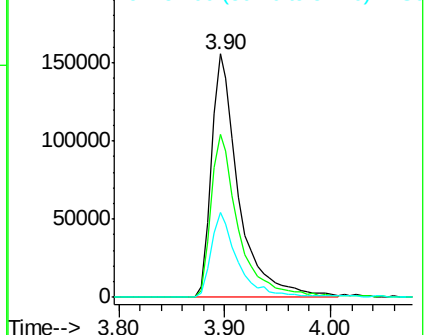
79 100

52 66.9 51.8 77.8

51 35.0 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: 47.28 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

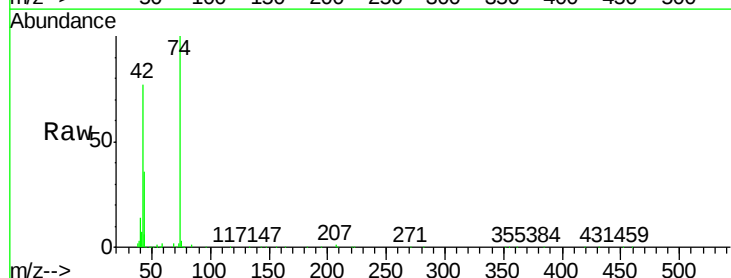
Tgt Ion: 42 Resp: 138531

Ion Ratio Lower Upper

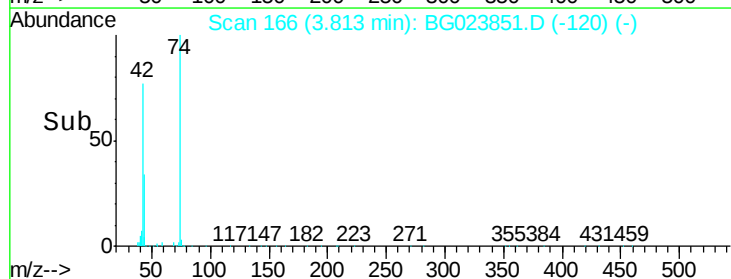
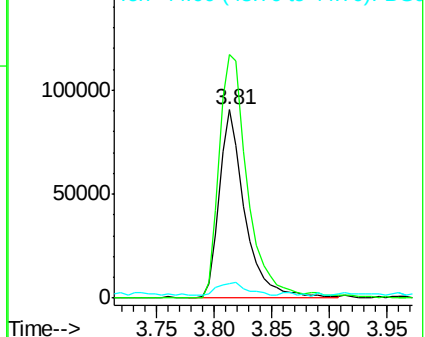
42 100

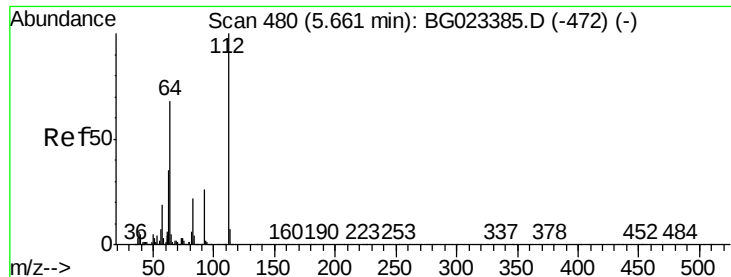
74 129.2 100.6 150.8

44 7.5 4.5 6.7#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 140.04 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

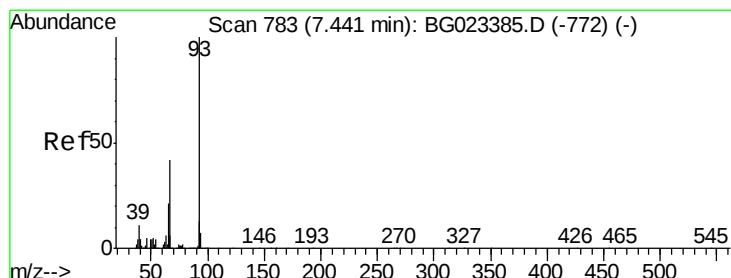
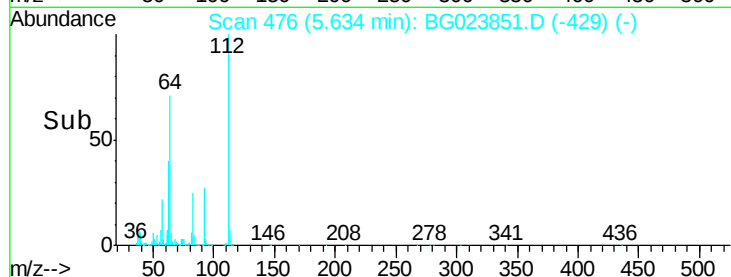
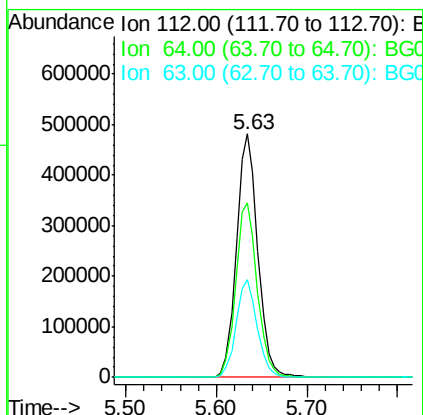
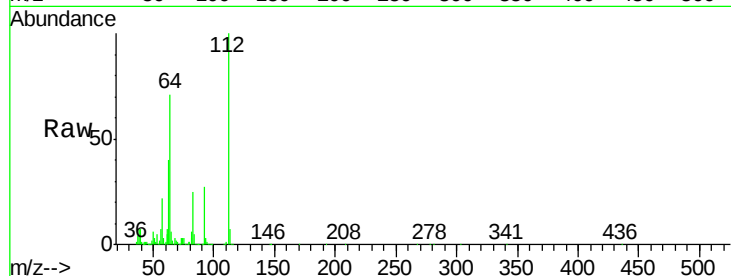
Instrument :

BNA_G

ClientSampleId :

PB93023BS

Tgt Ion:	112	Resp:	790514
Ion	Ratio	Lower	Upper
112	100		
64	71.5	59.0	88.4
63	40.3	37.8	56.8



#6

Aniline

Concen: 25.12 ng

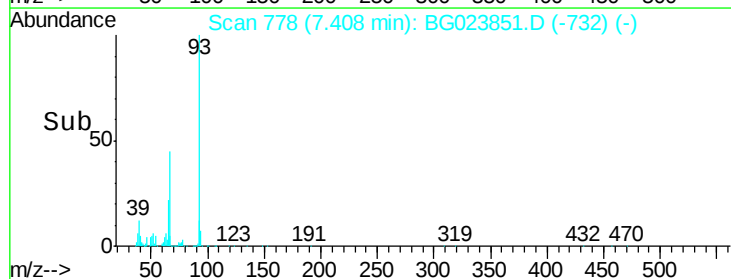
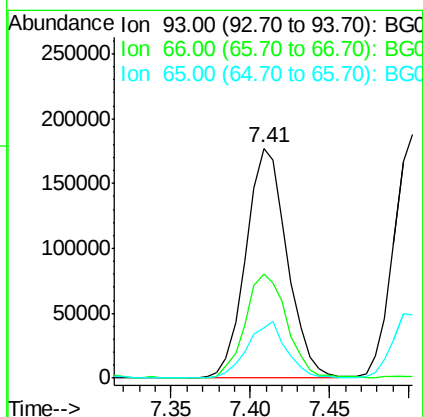
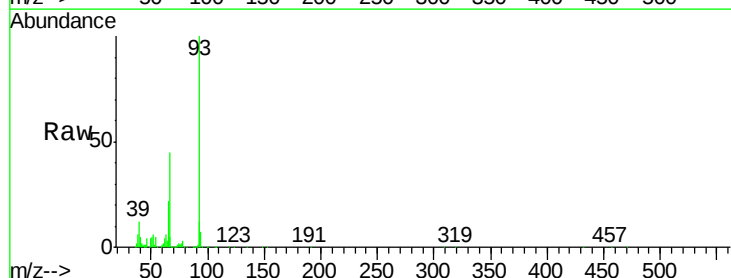
RT: 7.41 min Scan# 778

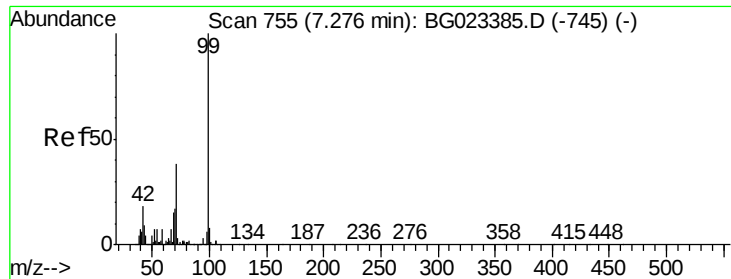
Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Tgt Ion:	93	Resp:	319098
Ion	Ratio	Lower	Upper
93	100		
66	45.1	37.5	56.3
65	22.2	17.9	26.9





#7

Phenol-d6

Concen: 129.36 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

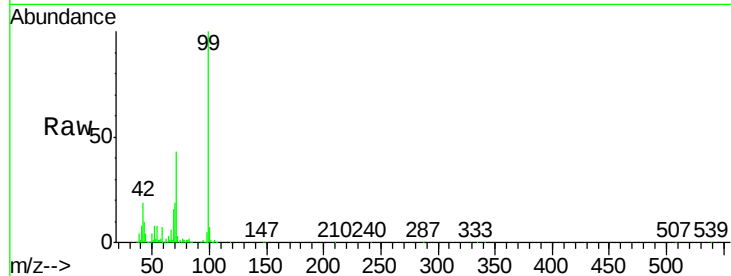
Tgt Ion: 99 Resp: 1137320

Ion Ratio Lower Upper

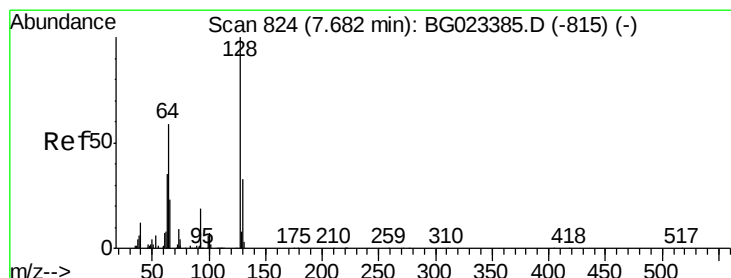
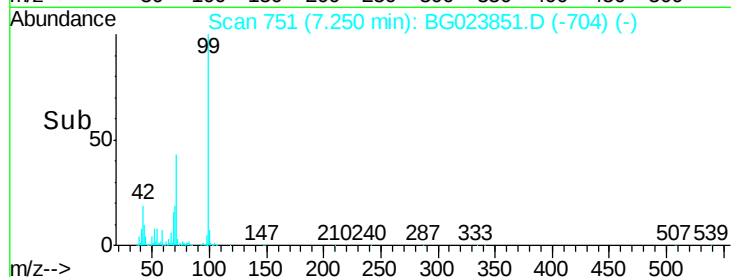
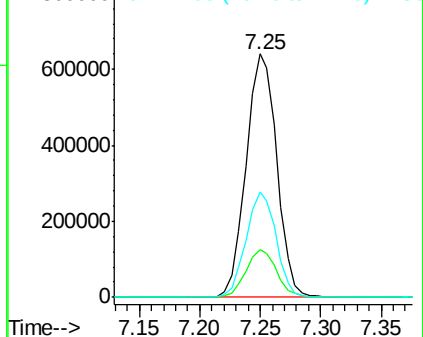
99 100

42 19.4 17.8 26.6

71 43.2 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.68 ng

RT: 7.65 min Scan# 820

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

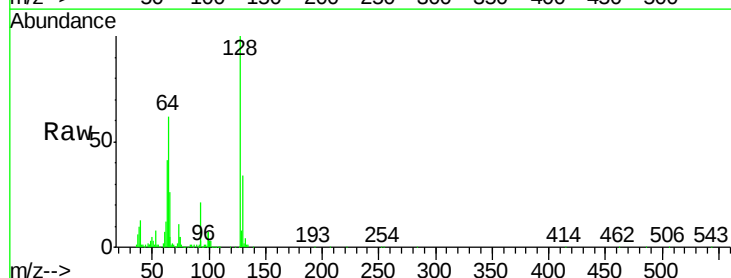
Tgt Ion: 128 Resp: 289757

Ion Ratio Lower Upper

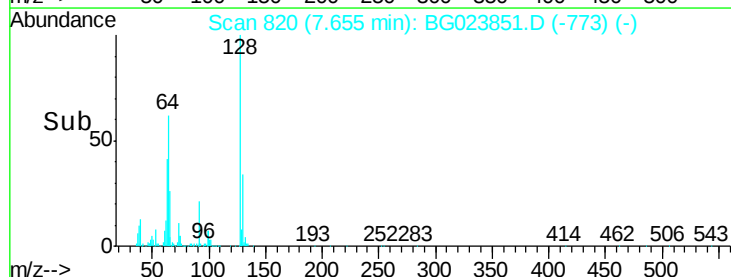
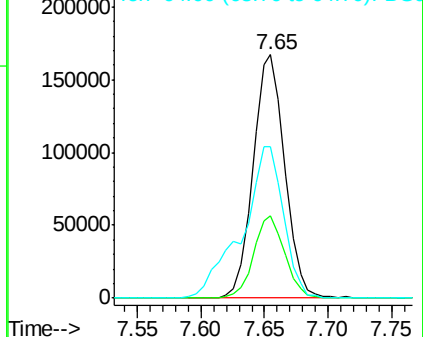
128 100

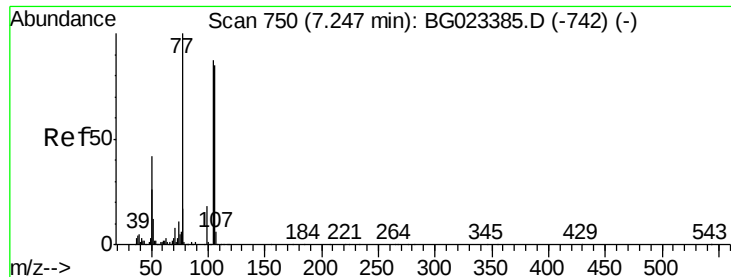
130 33.7 12.9 52.9

64 62.3 42.0 82.0



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: 14.13 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

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ClientSampleId :

PB93023BS

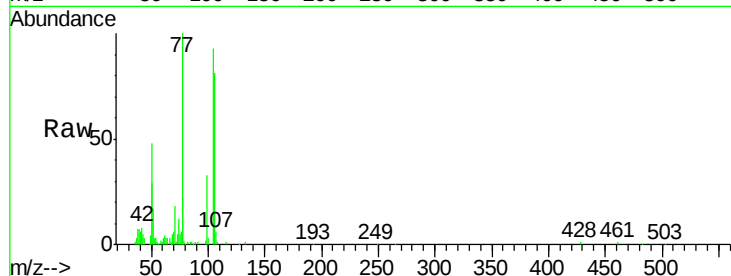
Tgt Ion: 77 Resp: 86130

Ion Ratio Lower Upper

77 100

105 92.7 58.7 98.7

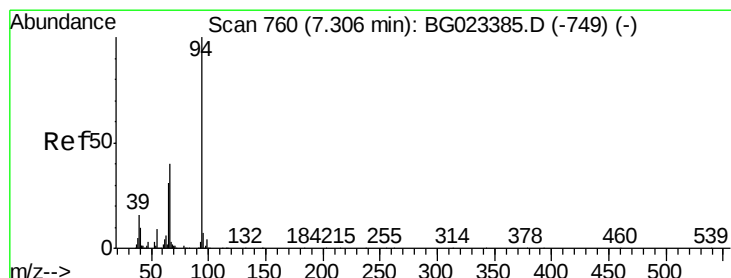
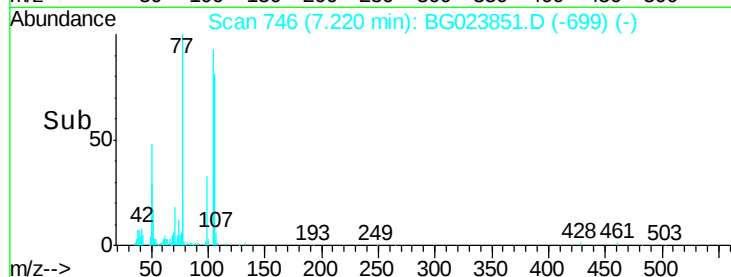
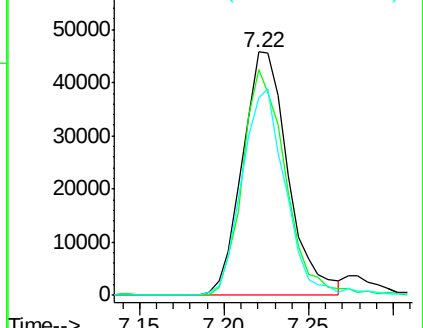
106 81.3 67.5 107.5



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: 44.67 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

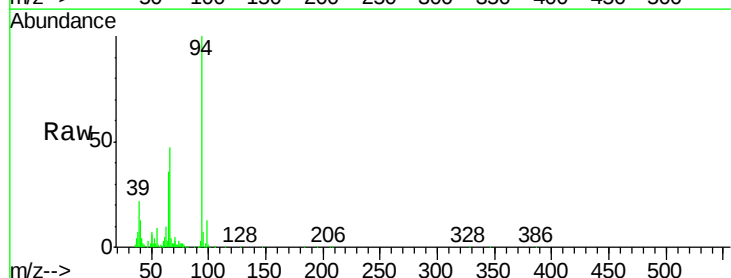
Tgt Ion: 94 Resp: 420136

Ion Ratio Lower Upper

94 100

65 35.6 18.1 58.1

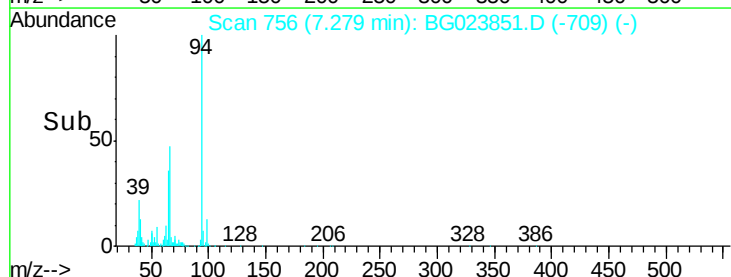
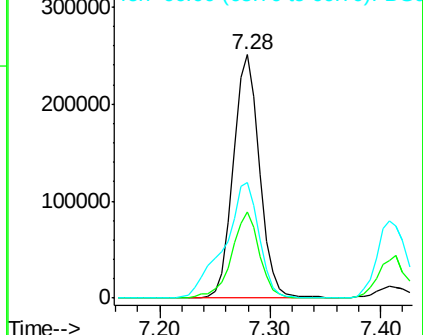
66 47.3 42.1 82.1

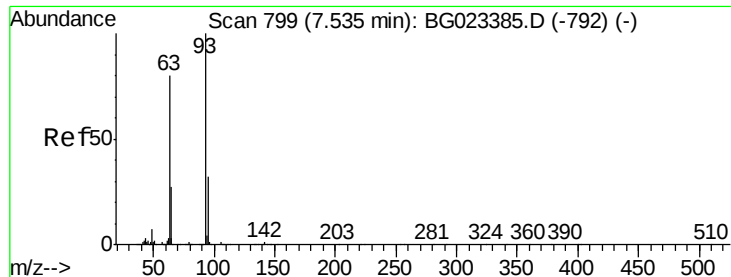


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

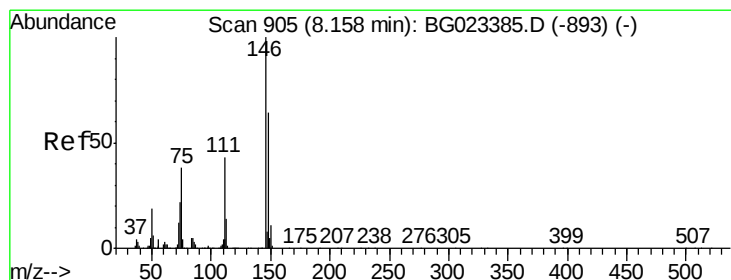
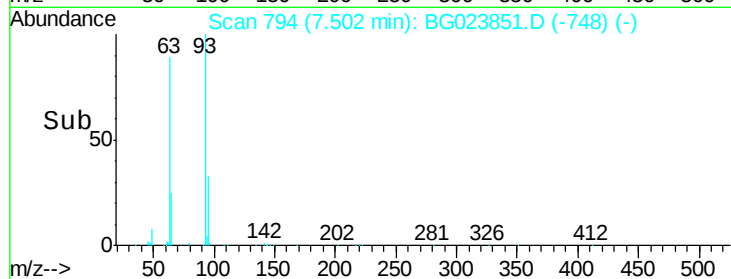
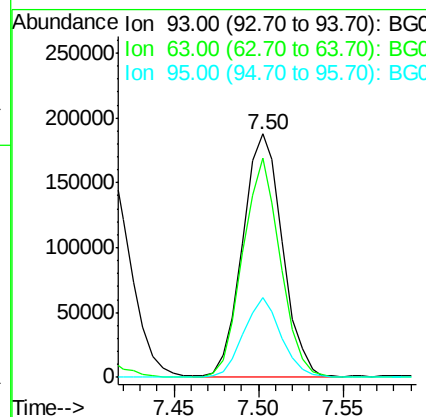
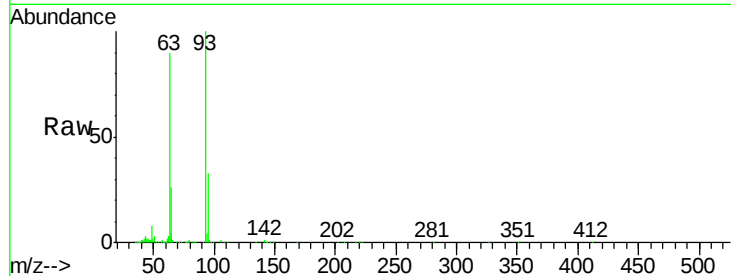




#11
bis(2-Chloroethyl)ether
Concen: 40.67 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

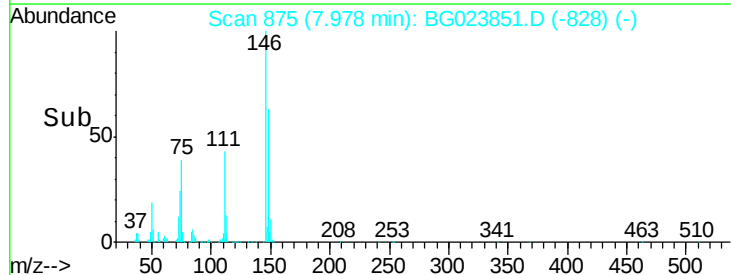
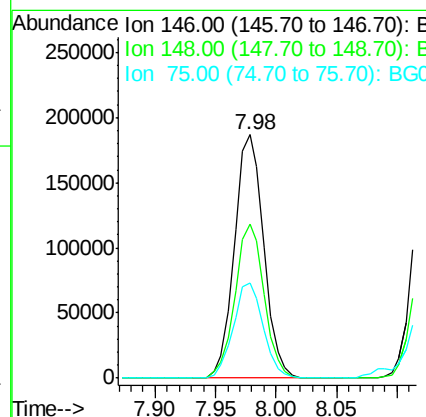
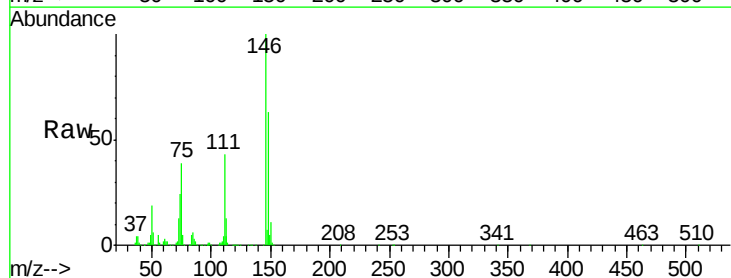
Instrument :
BNA_G
ClientSampleId :
PB93023BS

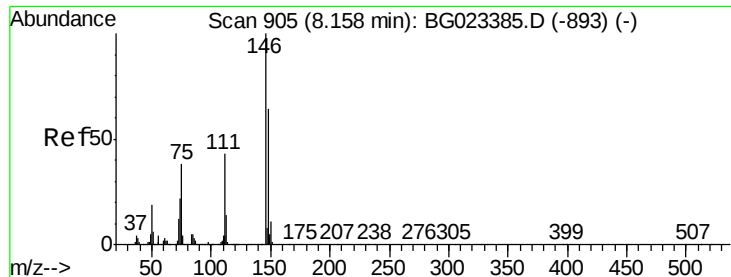
Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.1	55.0	95.0
95	32.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 42.42 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
75	39.0	37.0	55.6

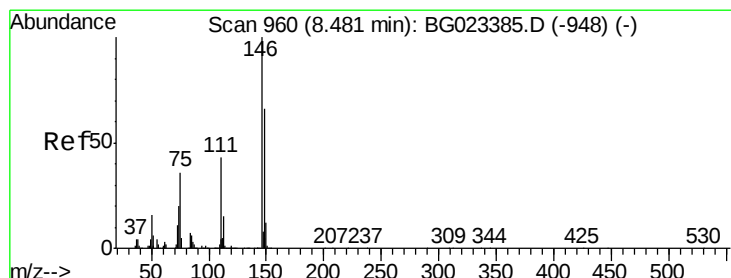
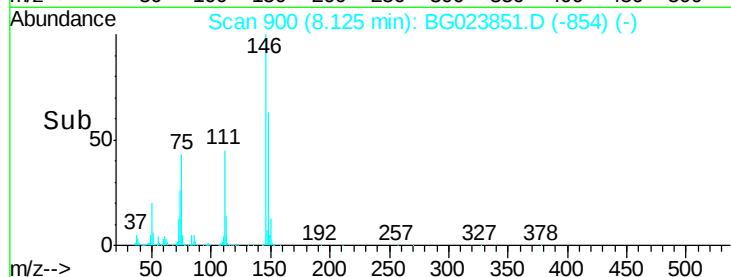
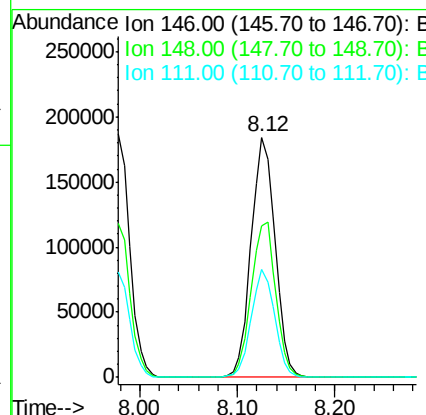
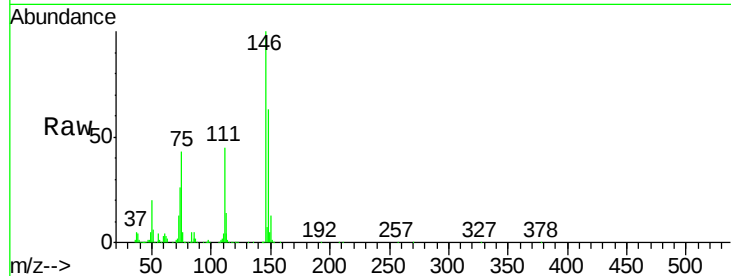




#13
 1,4-Dichlorobenzene
 Concen: 41.59 ng
 RT: 8.12 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

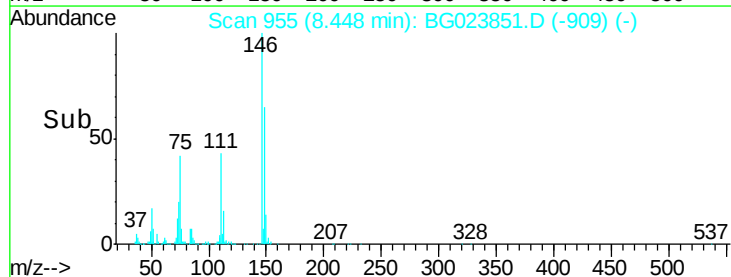
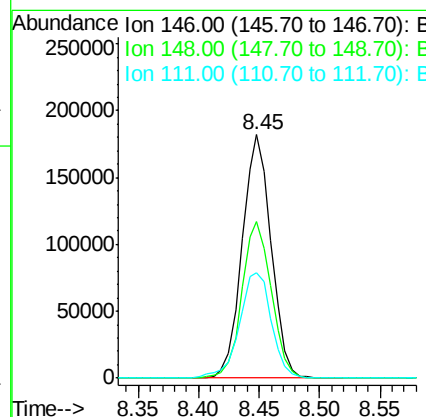
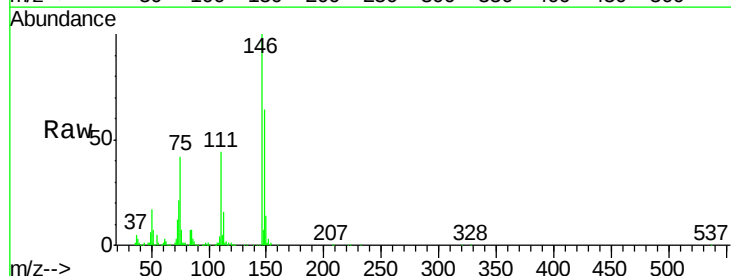
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

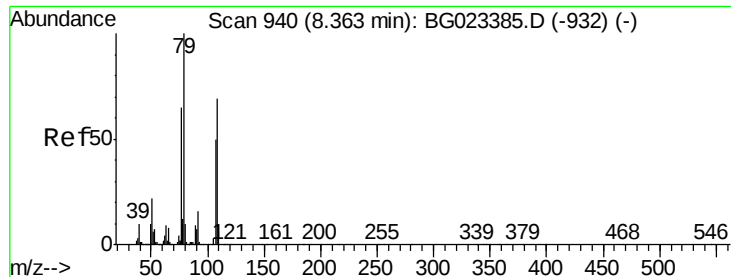
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	54.5	81.7
111	45.1	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 40.80 ng
 RT: 8.45 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.9	79.3
111	43.5	43.5	65.3





#15

Benzyl Alcohol

Concen: 50.69 ng

RT: 8.33 min Scan# 935

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

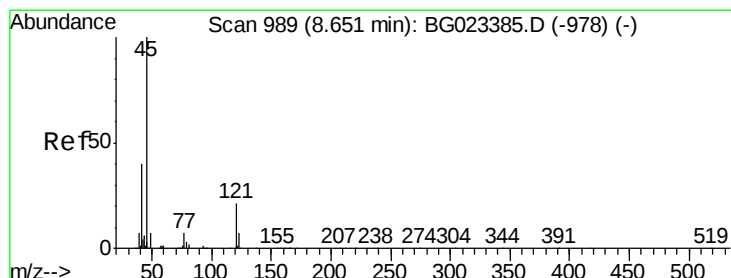
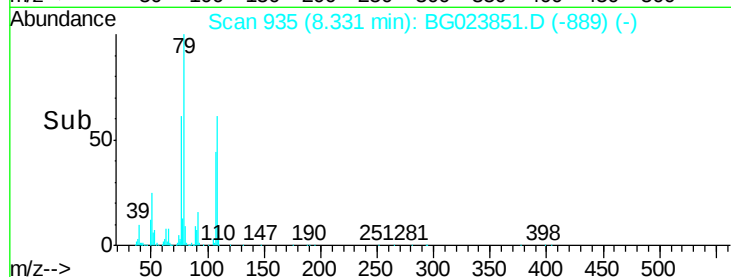
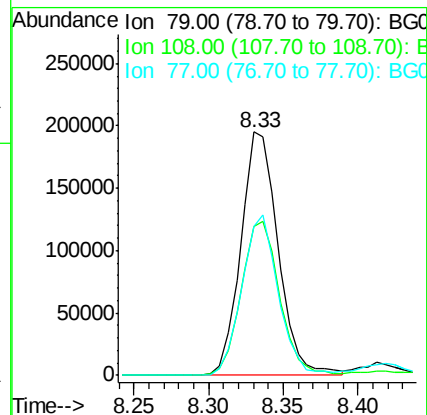
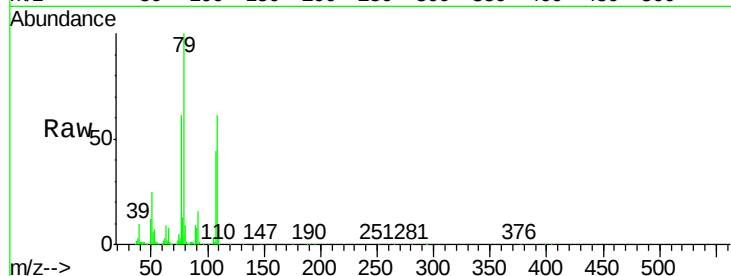
Tgt Ion: 79 Resp: 337667

Ion Ratio Lower Upper

79 100

108 61.3 46.5 69.7

77 61.3 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.49 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

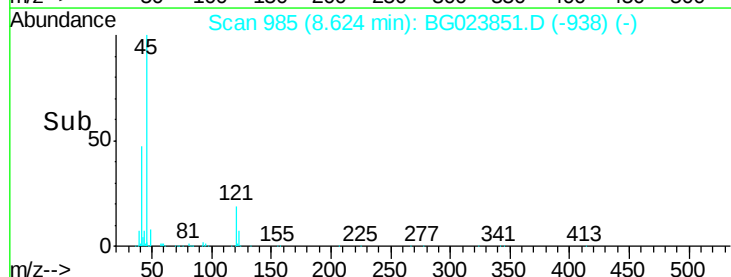
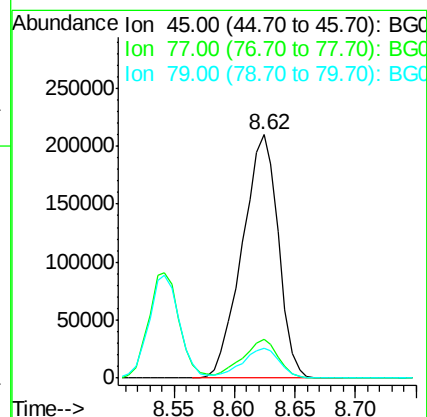
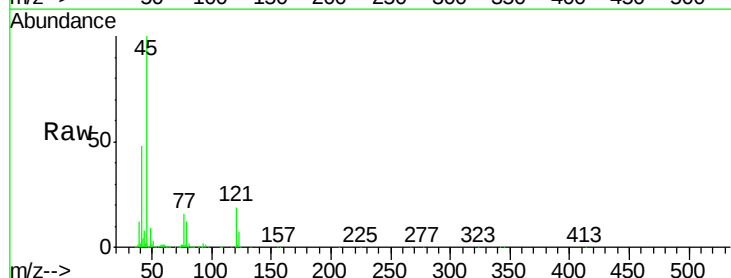
Tgt Ion: 45 Resp: 435698

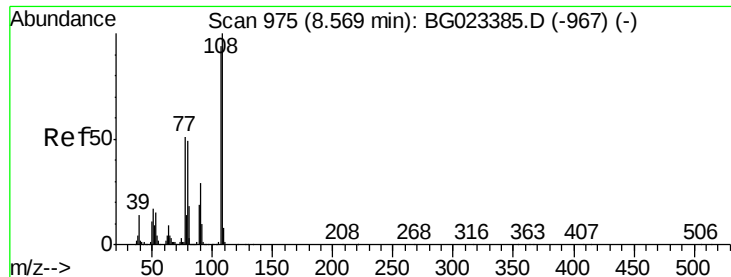
Ion Ratio Lower Upper

45 100

77 15.8 0.6 40.6

79 12.2 0.0 36.2

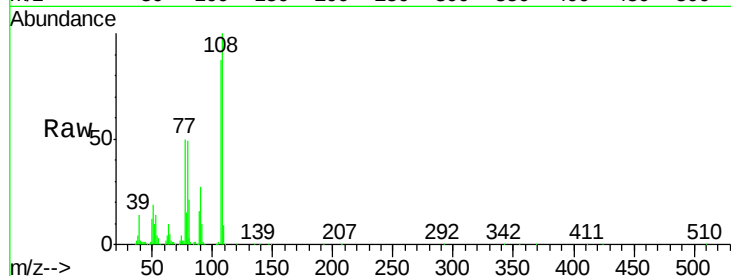




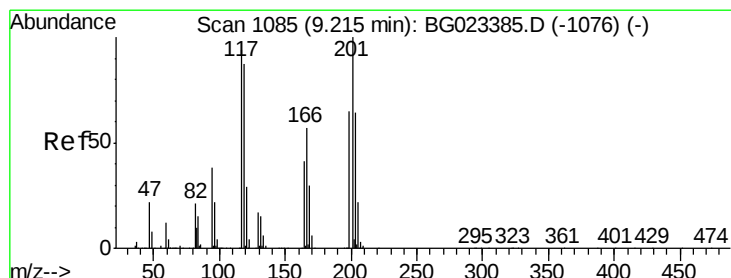
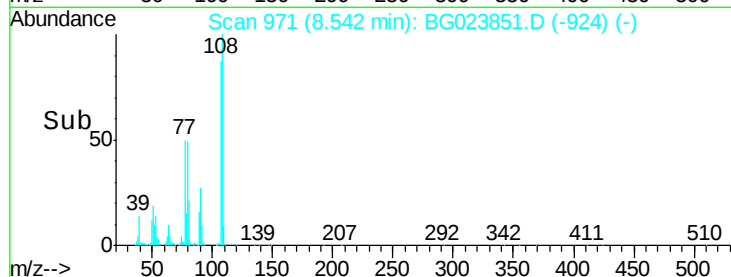
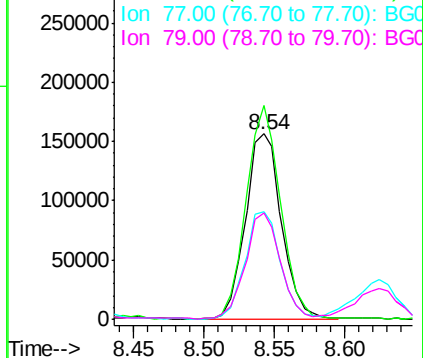
#17
2-Methylphenol
Concen: 44.43 ng
RT: 8.54 min Scan# 971
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Instrument :
BNA_G
ClientSampleId :
PB93023BS

Tgt Ion:	107	Resp:	280173
Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.0	138.0
77	57.9	55.8	83.6
79	57.1	55.0	82.6

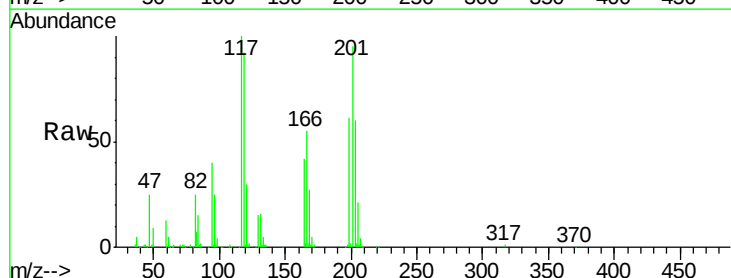


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

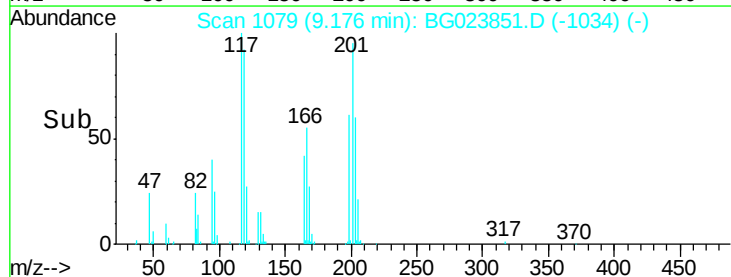
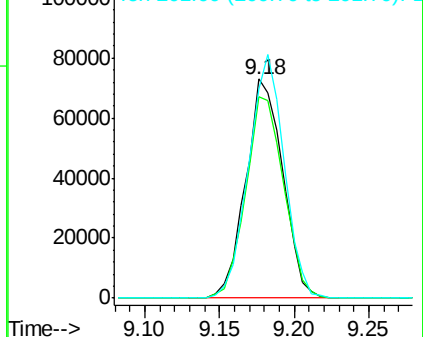


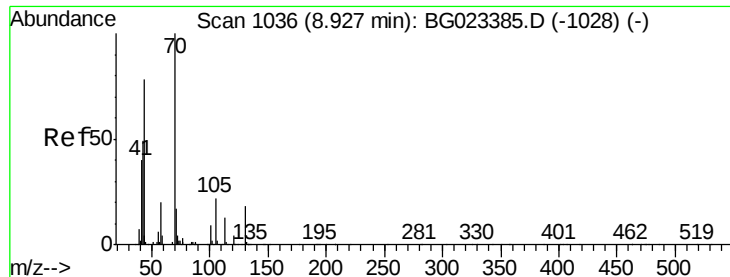
#18
Hexachloroethane
Concen: 43.72 ng
RT: 9.18 min Scan# 1079
Delta R.T. -0.04 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion:	117	Resp:	125085
Ion	Ratio	Lower	Upper
117	100		
119	92.2	73.7	110.5
201	95.3	88.7	133.1



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

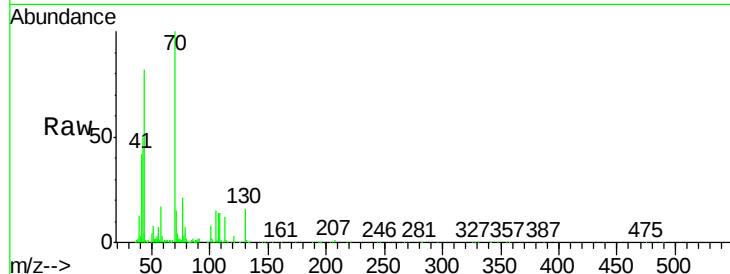




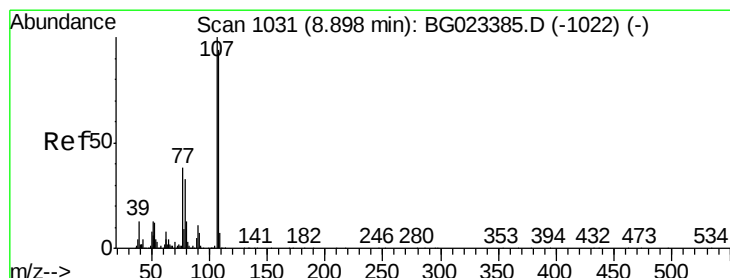
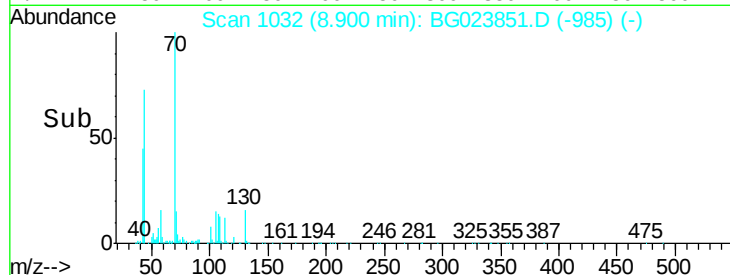
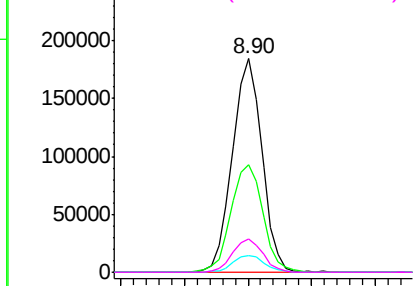
#19
n-Nitroso-di-n-propylamine
Concen: 39.29 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Instrument :
BNA_G
ClientSampleId :
PB93023BS

Tgt Ion:	70	Resp:	297141
Ion	Ratio	Lower	Upper
70	100		
42	50.5	42.1	63.1
101	8.1	7.2	10.8
130	15.5	14.2	21.2

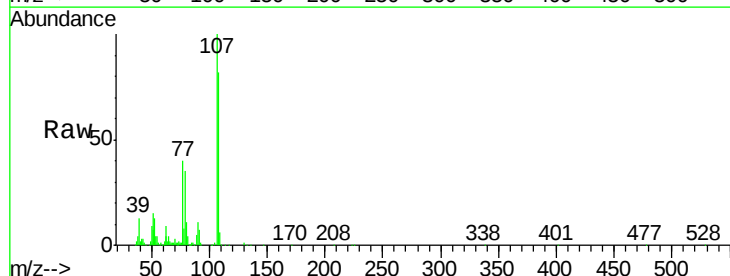


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

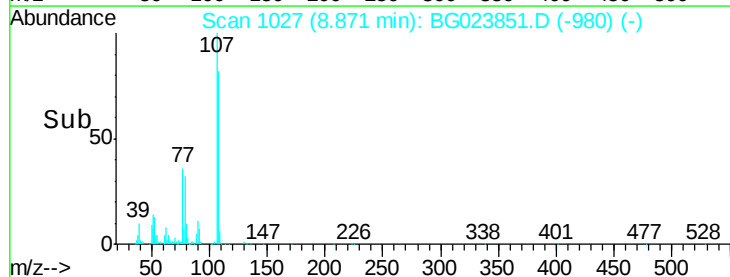
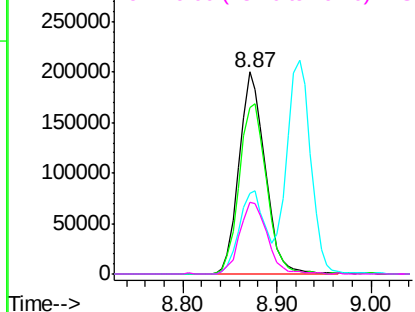


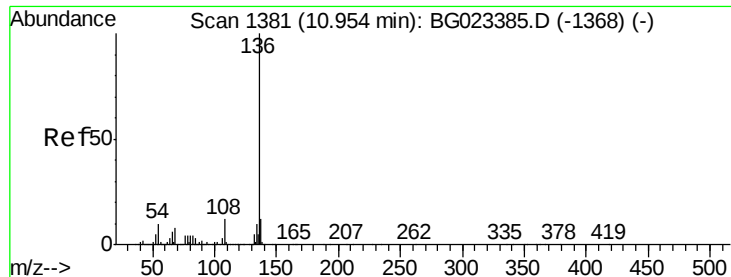
#20
3+4-Methylphenols
Concen: 43.25 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion:	107	Resp:	384430
Ion	Ratio	Lower	Upper
107	100		
108	82.4	72.5	112.5
77	39.9	30.1	70.1
79	35.2	24.2	64.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

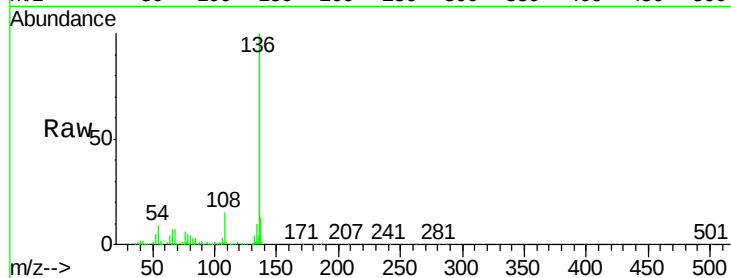




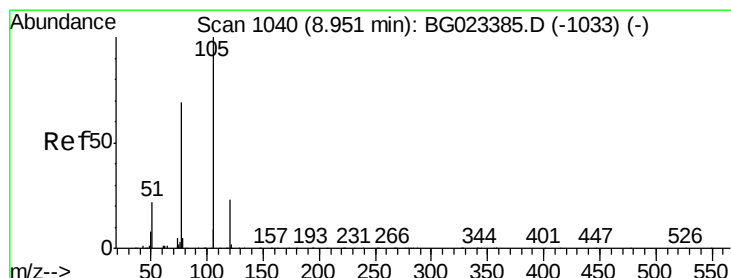
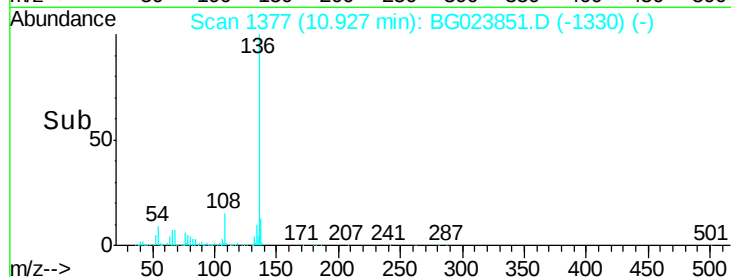
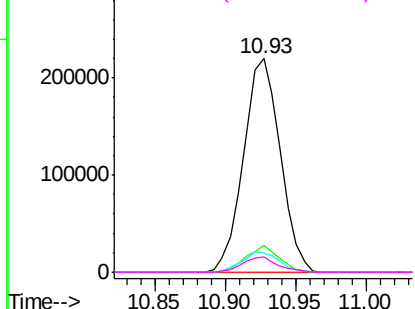
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Instrument :
BNA_G
ClientSampleId :
PB93023BS

Tgt Ion:	136	Resp:	400541
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	9.0	7.3	10.9
68	7.0	5.3	7.9

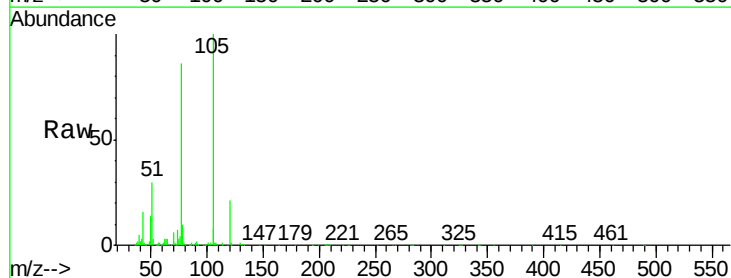


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

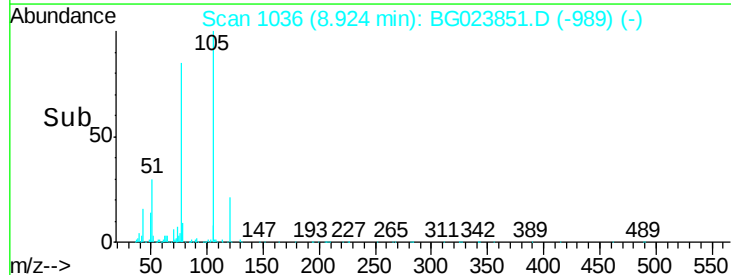
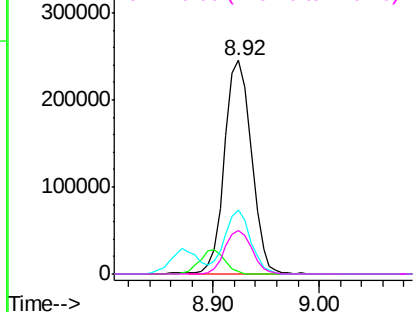


#22
Acetophenone
Concen: 39.24 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion:	105	Resp:	430343
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	29.9	27.1	40.7
120	20.6	15.1	22.7



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

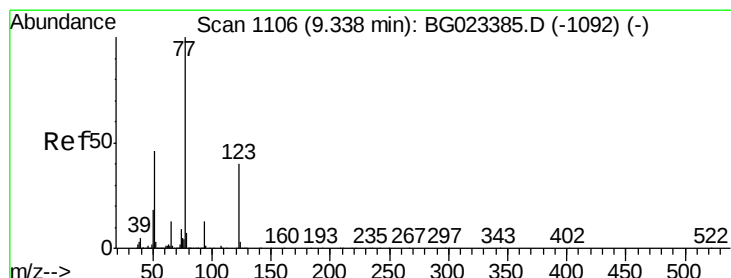
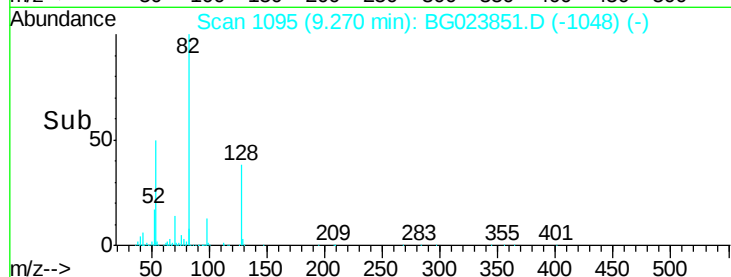
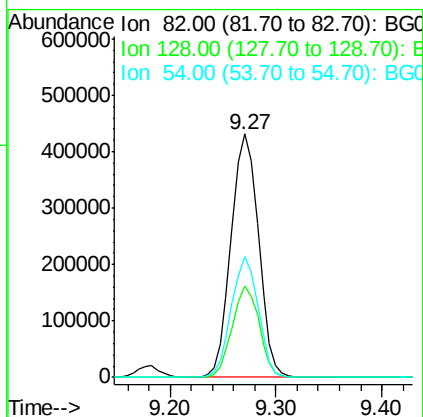
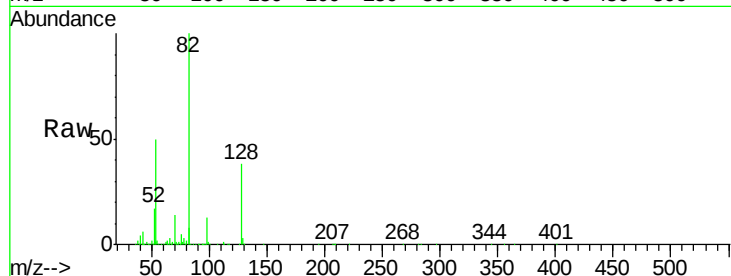




#23
 Nitrobenzene-d5
 Concen: 96.12 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

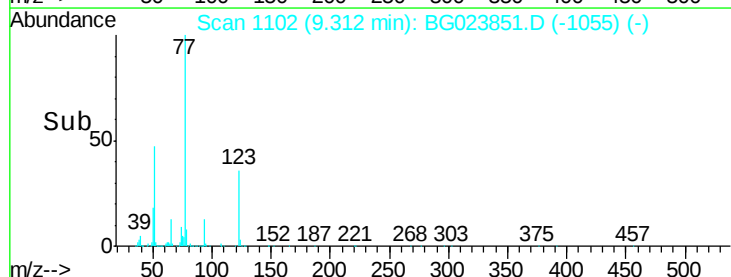
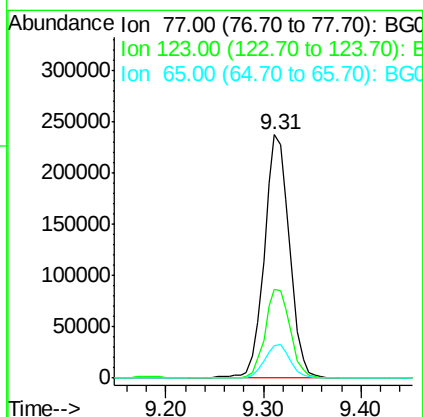
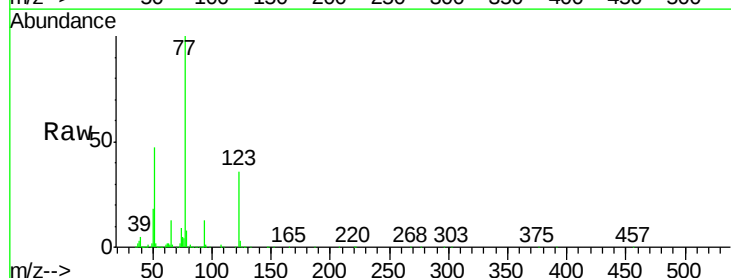
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

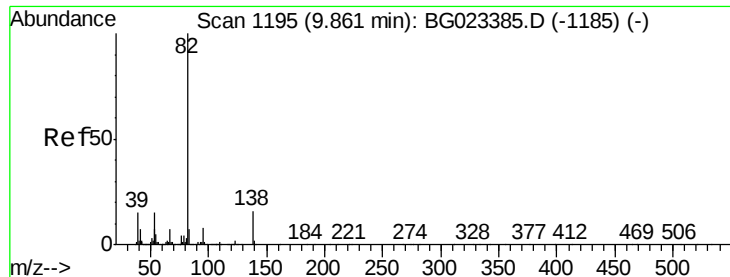
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	49.7	41.4	62.0



#24
 Nitrobenzene
 Concen: 47.84 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	25.0	37.6
65	13.4	13.4	20.0





#25

Isophorone

Concen: 45.24 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

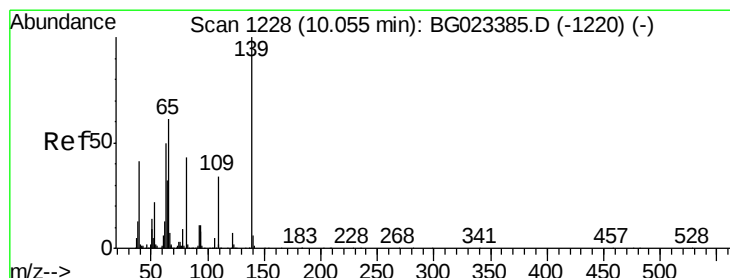
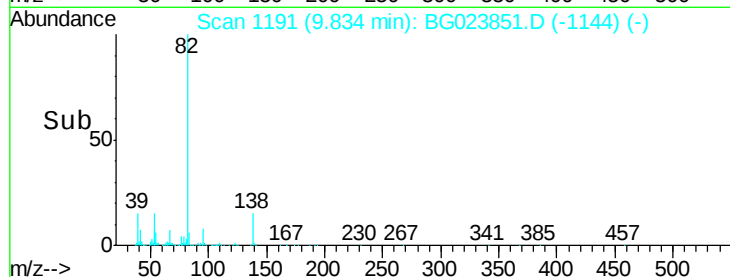
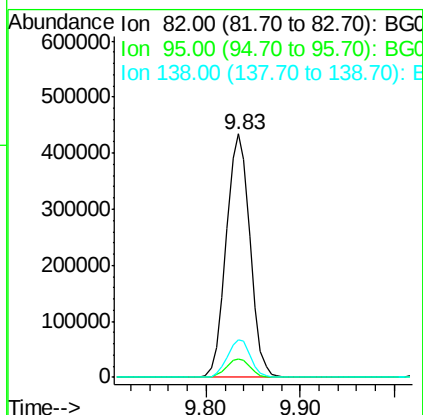
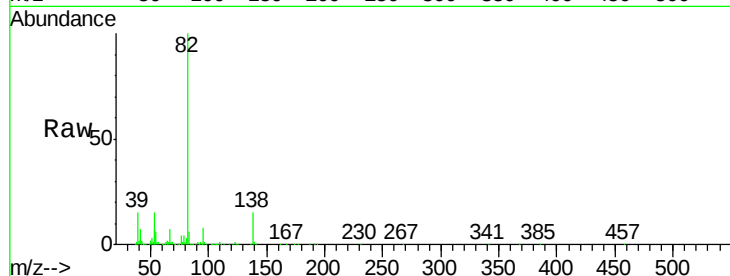
Tgt Ion: 82 Resp: 759259

Ion Ratio Lower Upper

82 100

95 7.6 8.2 12.2#

138 15.4 10.7 16.1



#26

2-Nitrophenol

Concen: 46.05 ng

RT: 10.03 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

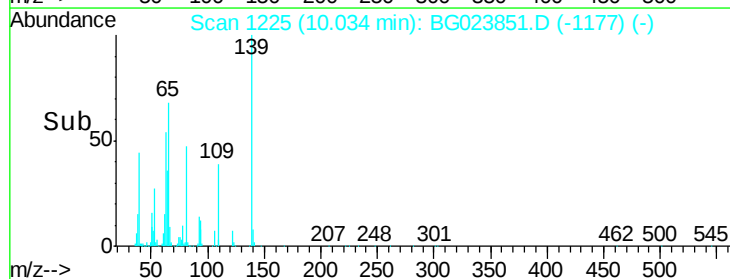
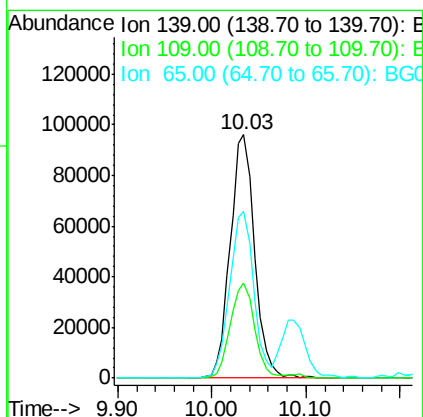
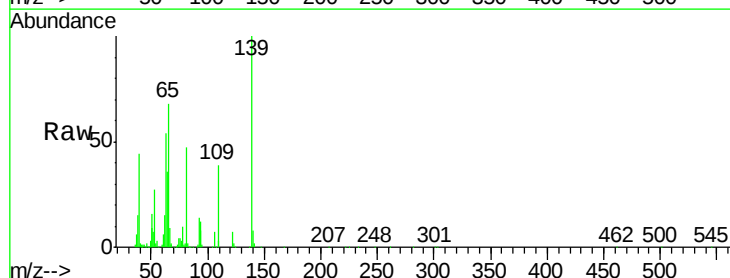
Tgt Ion: 139 Resp: 173413

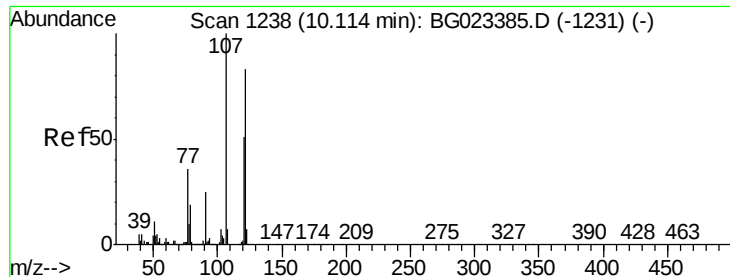
Ion Ratio Lower Upper

139 100

109 38.8 43.5 65.3#

65 68.4 64.3 96.5

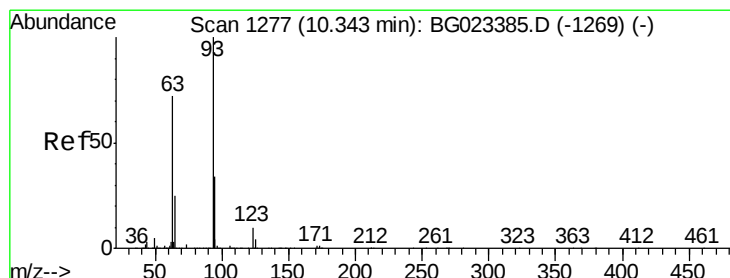
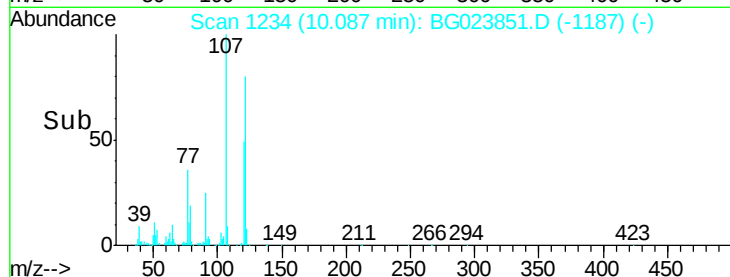
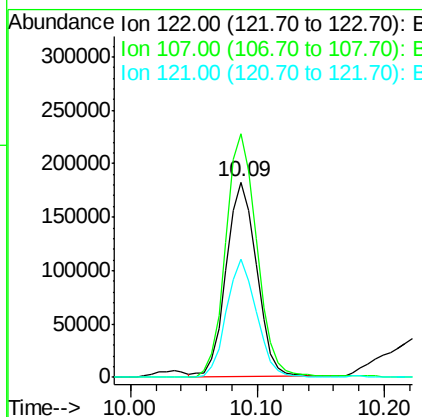
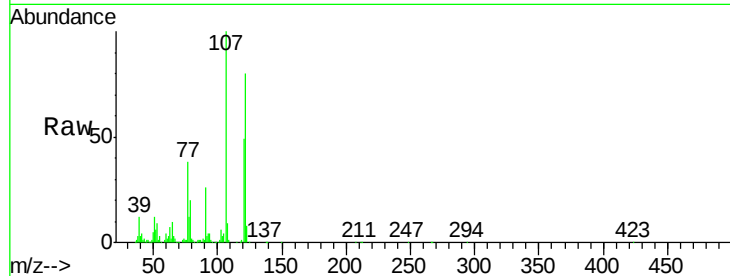




#27
 2,4-Dimethylphenol
 Concen: 46.86 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

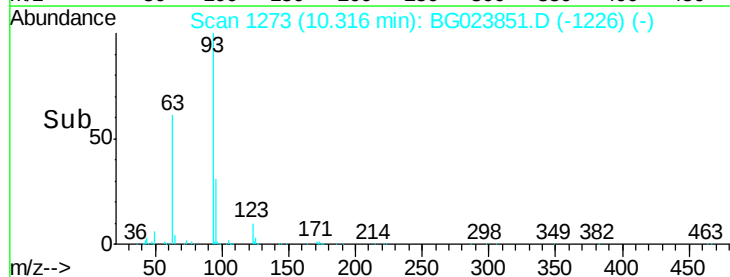
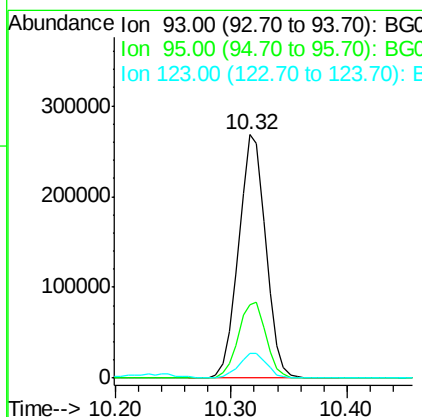
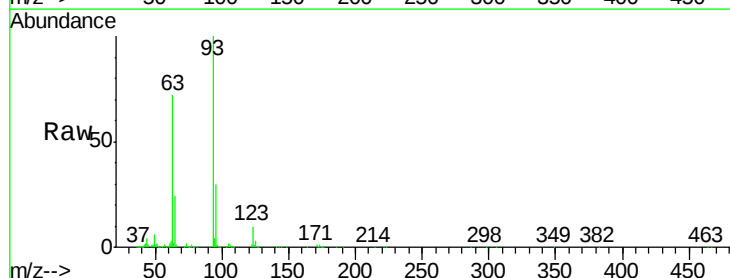
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

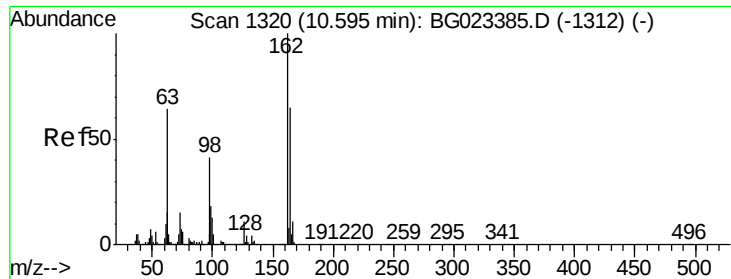
Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.6	117.0	175.4
121	60.5	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.30 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.1	25.4	38.2
123	10.2	8.2	12.2

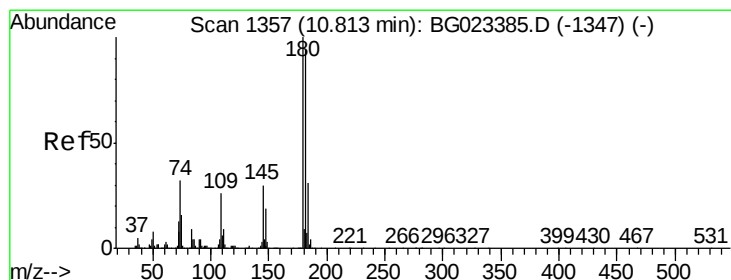
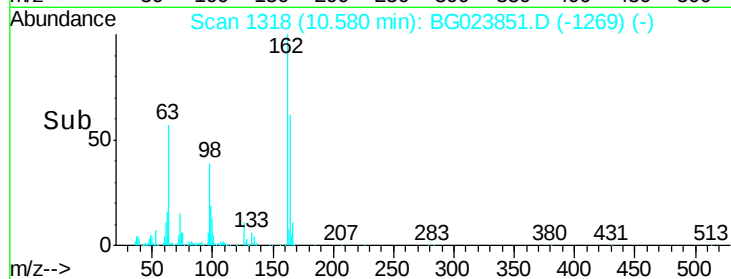
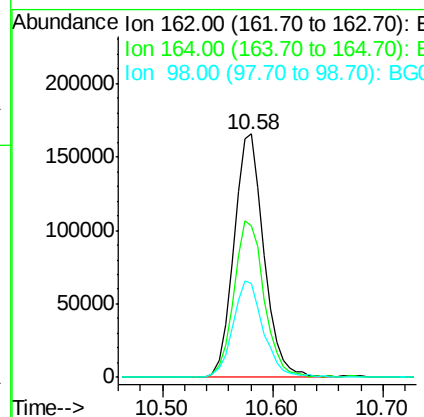
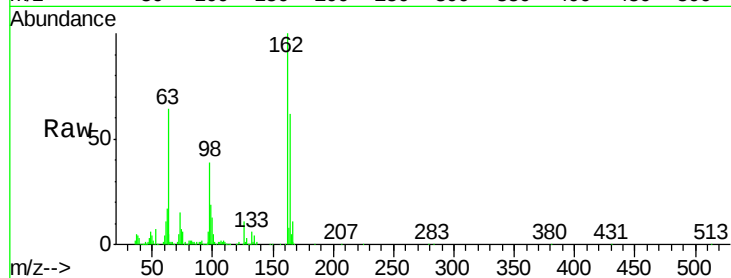




#29
 2,4-Dichlorophenol
 Concen: 49.16 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

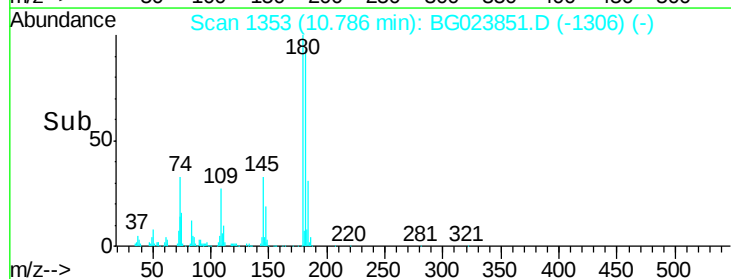
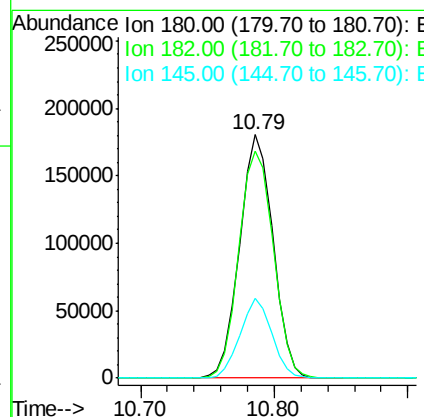
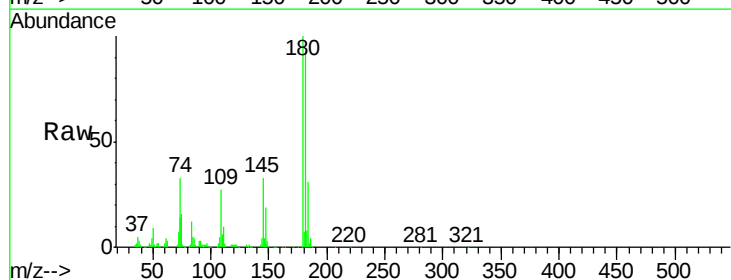
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

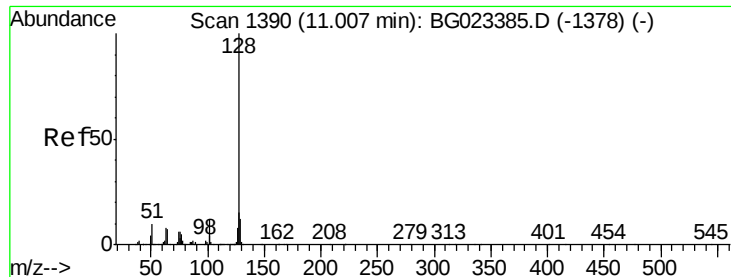
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.3	84.3
98	38.6	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.98 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	73.8	110.8
145	32.6	24.4	36.6

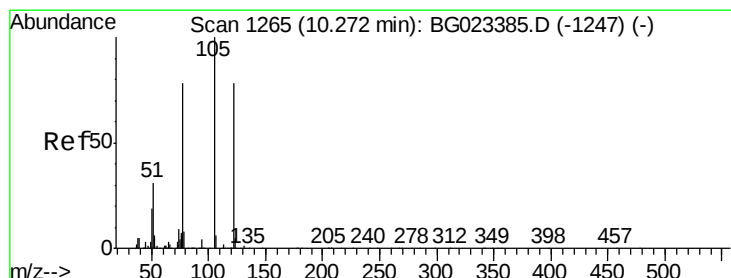
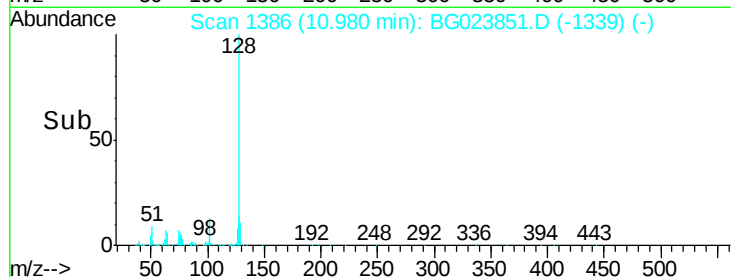
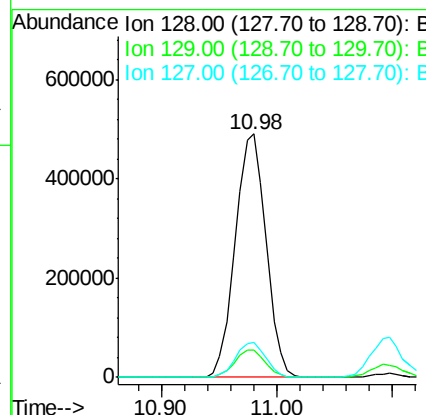
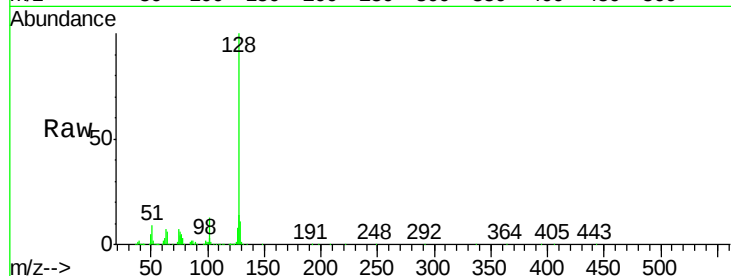




#31
Naphthalene
Concen: 44.43 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

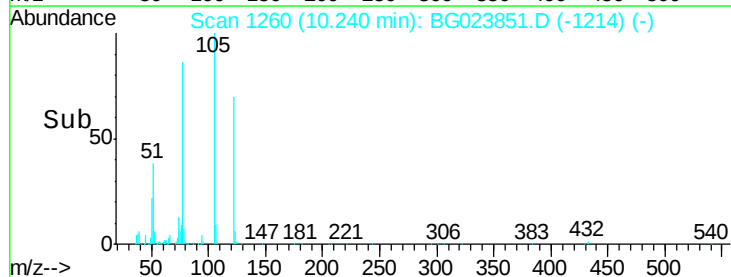
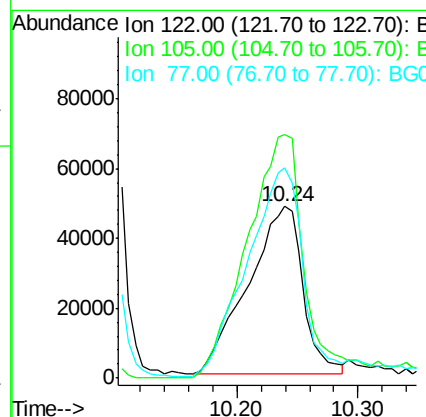
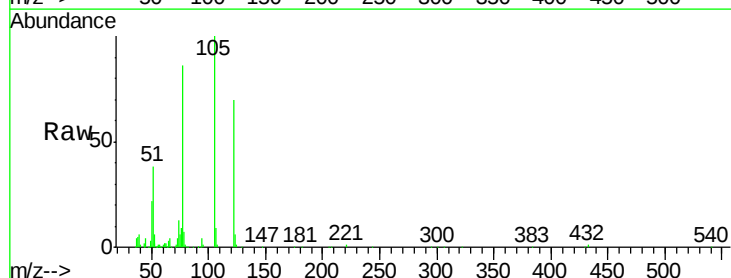
Instrument :
BNA_G
ClientSampleId :
PB93023BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	14.3	11.3	16.9



#32
Benzoic acid
Concen: 28.56 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.1	117.2	157.2
77	122.9	109.2	149.2

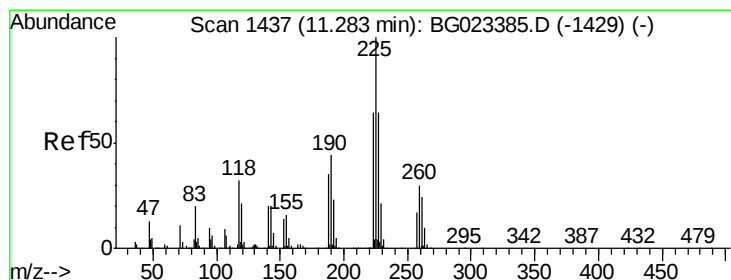
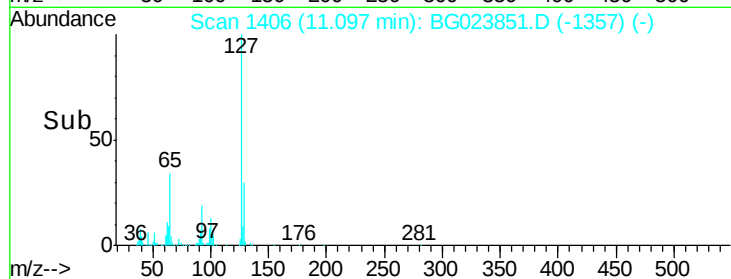
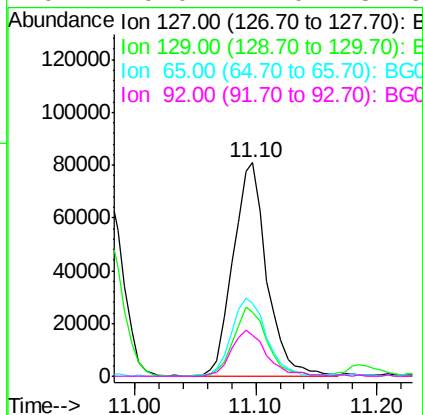
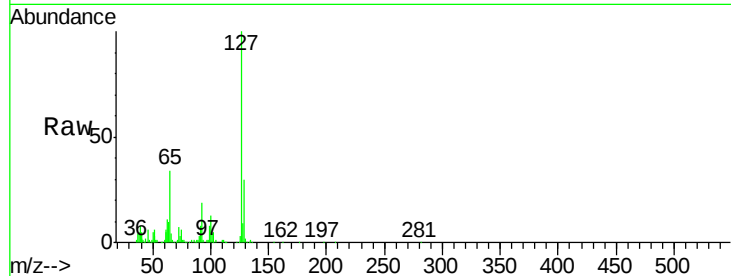




#33
 4-Chloroaniline
 Concen: 16.05 ng
 RT: 11.10 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

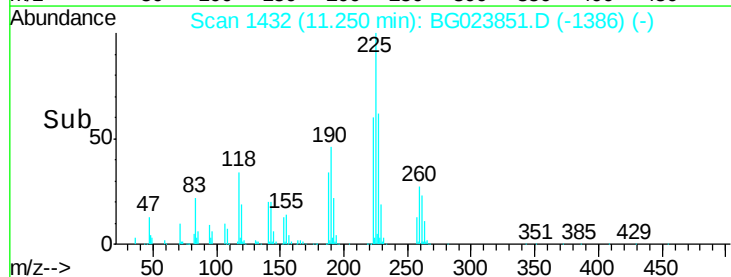
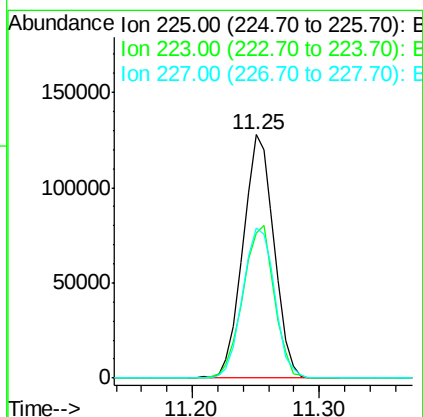
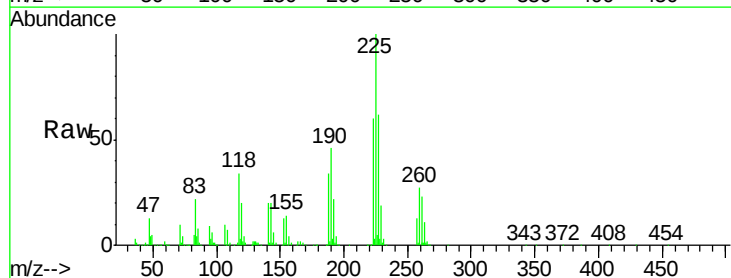
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

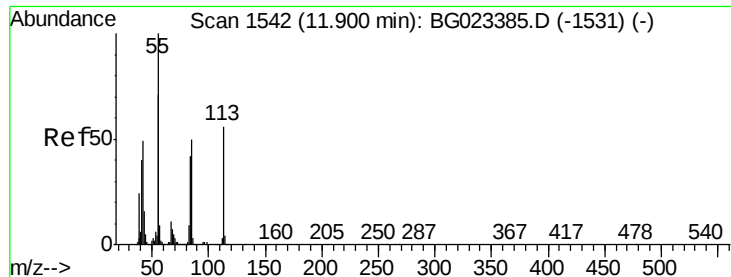
Tgt Ion:	127	Resp:	156521
Ion	Ratio	Lower	Upper
127	100		
129	30.3	27.9	41.9
65	33.9	36.8	55.2#
92	19.0	21.0	31.6#



#34
 Hexachlorobutadiene
 Concen: 47.44 ng
 RT: 11.25 min Scan# 1432
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion:	225	Resp:	216897
Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.6	74.4
227	61.9	54.5	81.7





#35

Caprolactam

Concen: 21.19 ng

RT: 11.87 min Scan# 1538

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

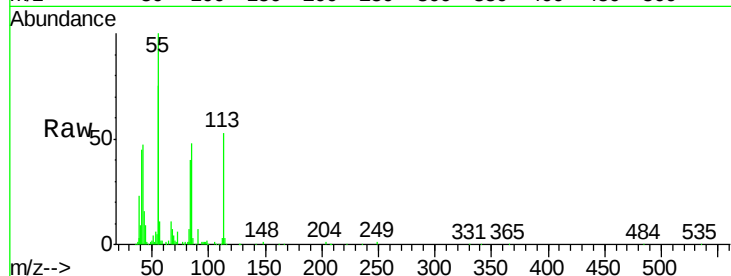
Tgt Ion:113 Resp: 57474

Ion Ratio Lower Upper

113 100

55 189.2 154.5 194.5

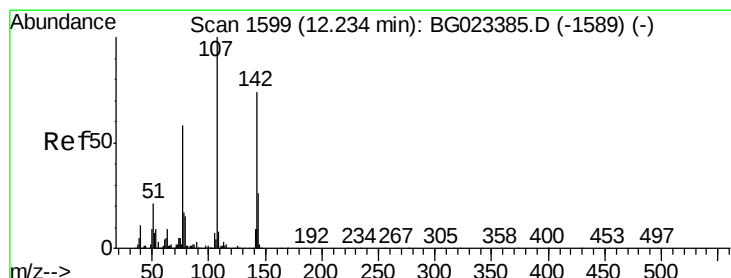
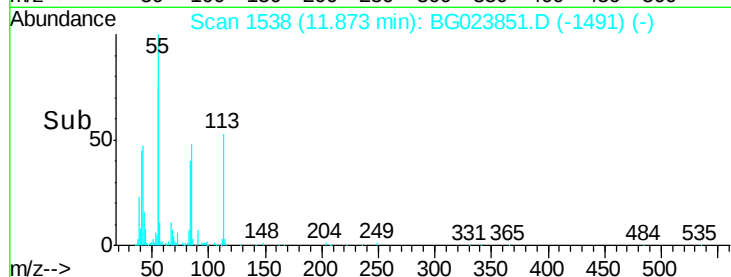
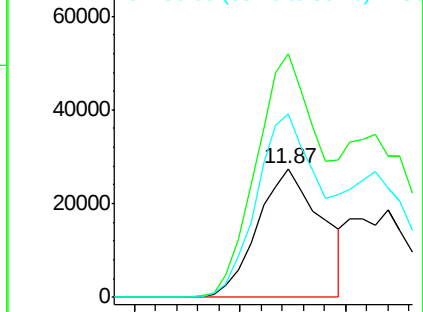
56 142.2 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.49 ng

RT: 12.22 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

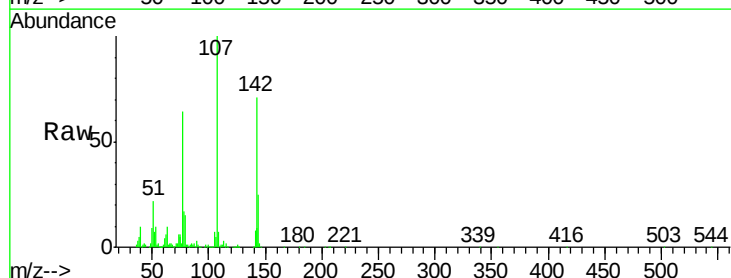
Tgt Ion:107 Resp: 385296

Ion Ratio Lower Upper

107 100

144 25.4 17.0 25.6

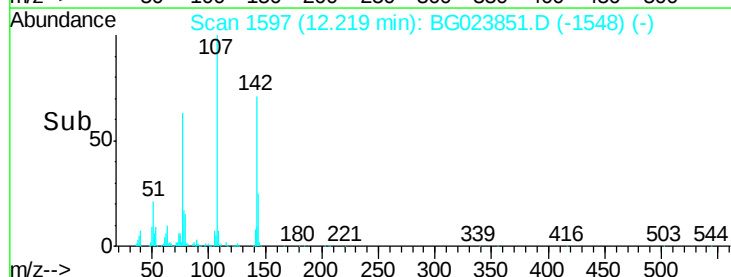
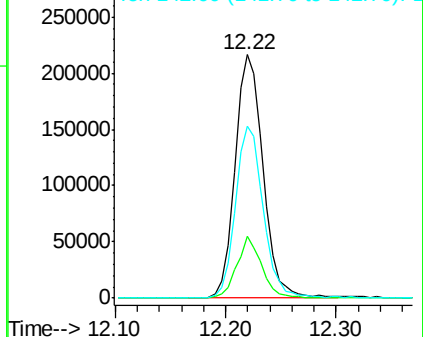
142 70.5 53.0 79.6

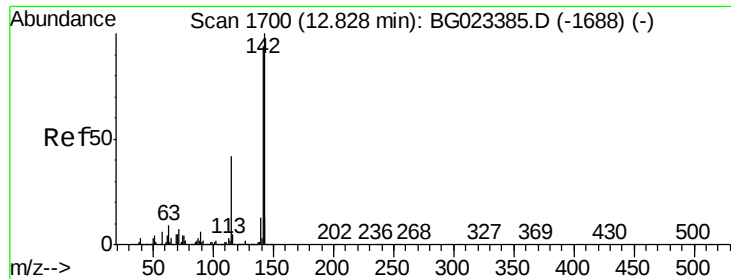


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

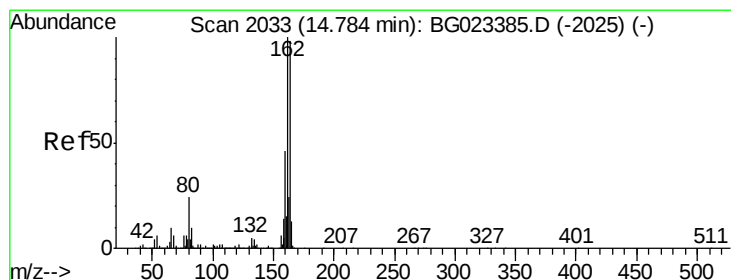
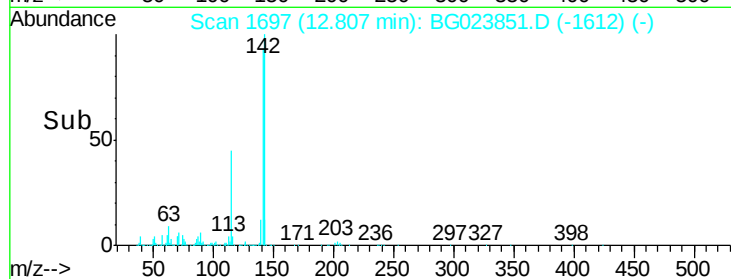
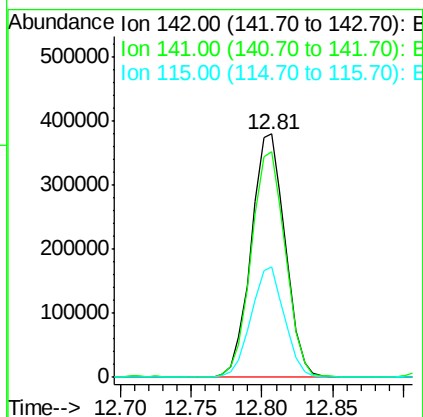
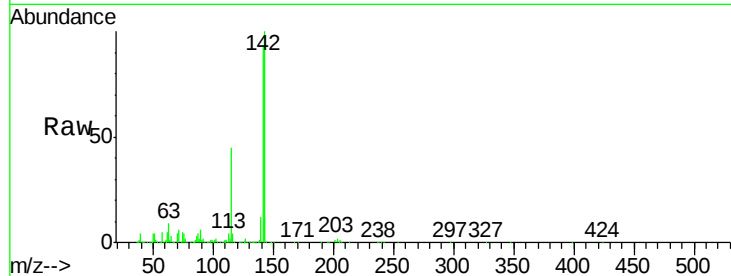




#37
2-Methylnaphthalene
Concen: 41.36 ng
RT: 12.81 min Scan# 1697
Delta R.T. 0.20 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

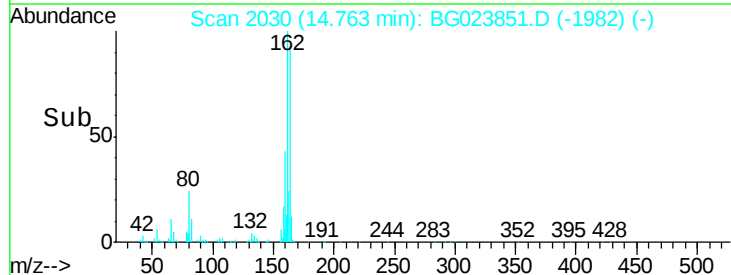
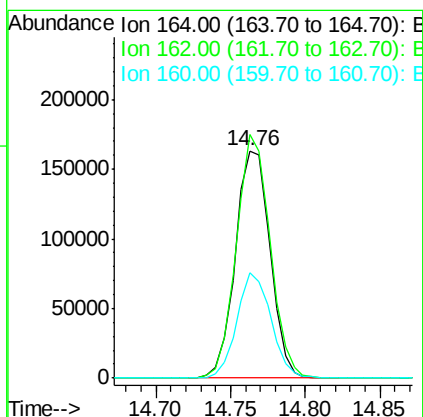
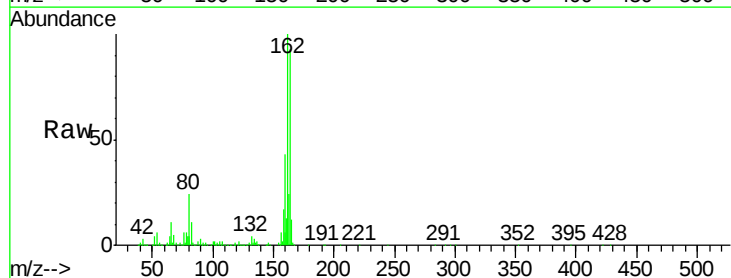
Instrument :
BNA_G
ClientSampleId :
PB93023BS

Tgt Ion:142 Resp: 641434
Ion Ratio Lower Upper
142 100
141 92.6 70.2 105.2
115 45.3 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion:164 Resp: 263193
Ion Ratio Lower Upper
164 100
162 107.1 87.7 131.5
160 46.4 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.40 ng

RT: 12.95 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

Tgt Ion:216 Resp: 337911

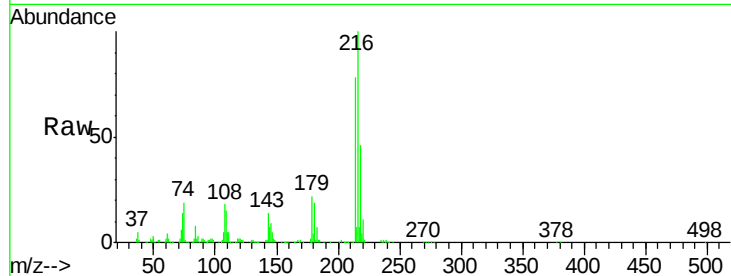
Ion Ratio Lower Upper

216 100

214 80.2 62.9 94.3

179 21.5 17.2 25.8

108 20.8 16.3 24.5

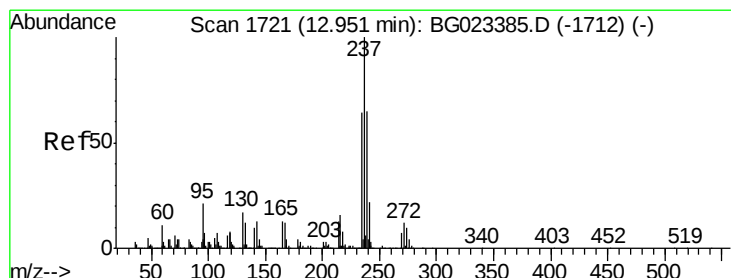
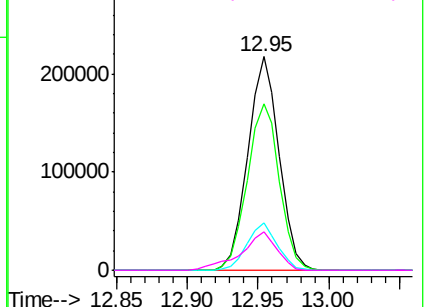
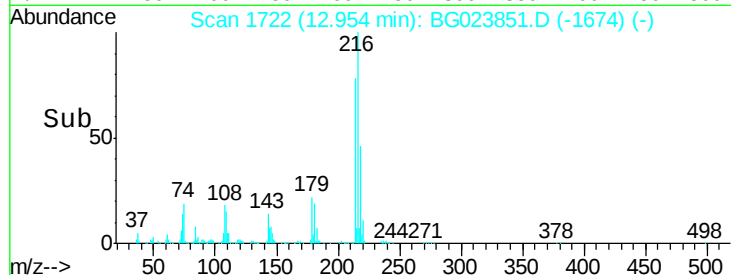


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.28 ng

RT: 12.92 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

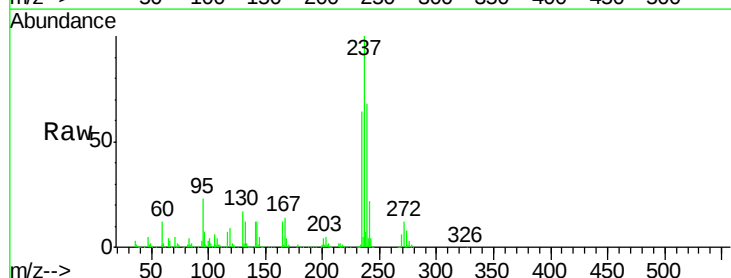
Tgt Ion:237 Resp: 328605

Ion Ratio Lower Upper

237 100

235 64.2 43.1 83.1

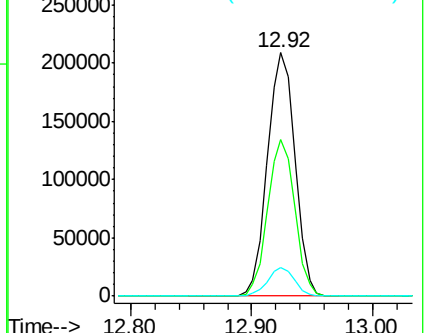
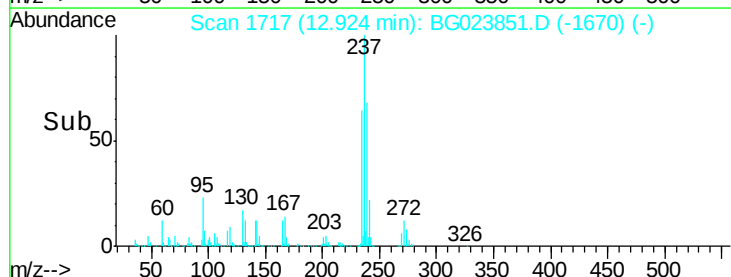
272 11.9 0.0 30.9

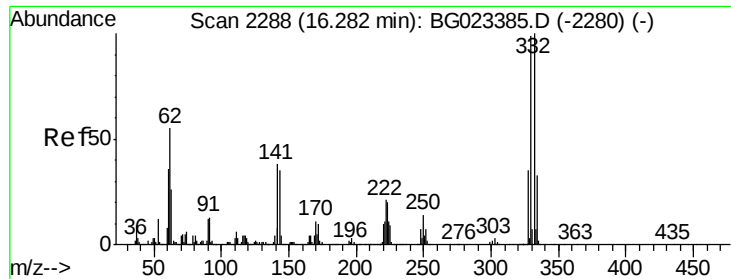


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

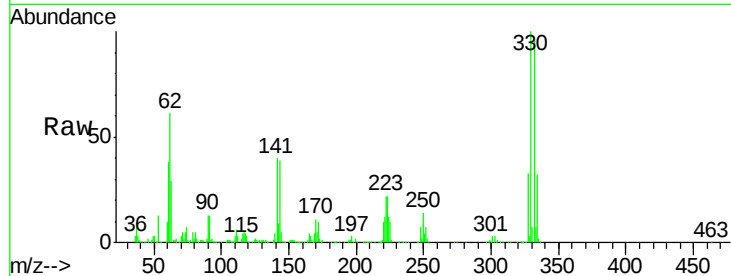




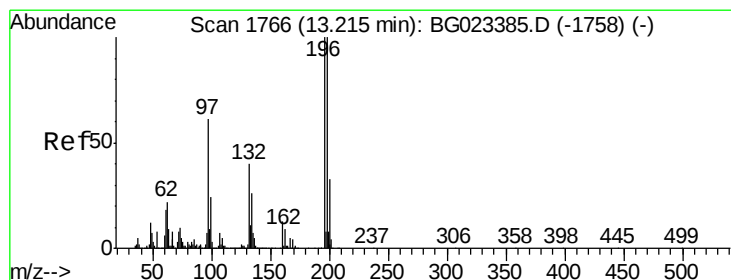
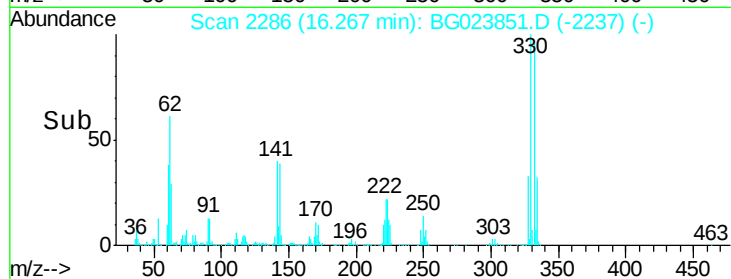
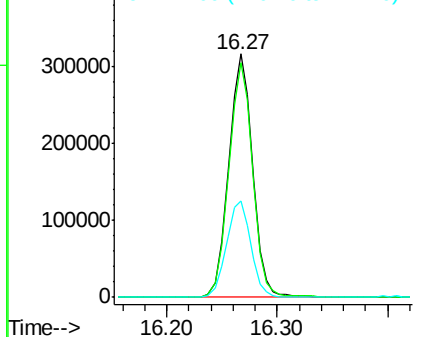
#41
 2,4,6-Tribromophenol
 Concen: 124.23 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	478257		
332	96.3	77.4	116.2	
141	40.4	31.7	47.5	

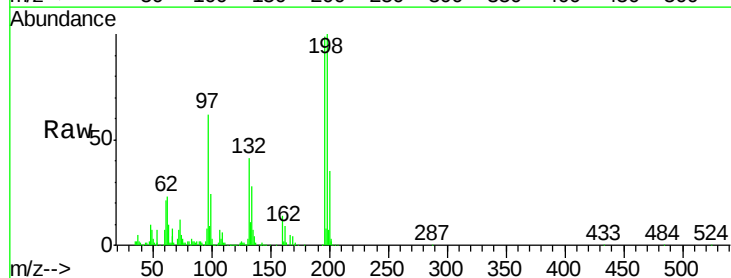


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

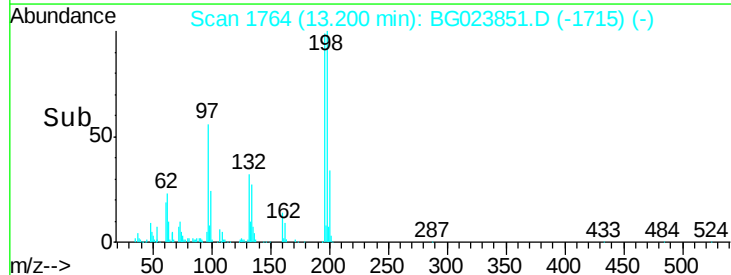
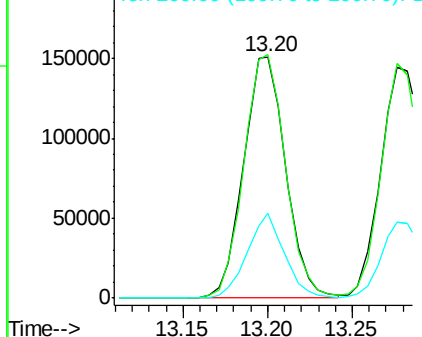


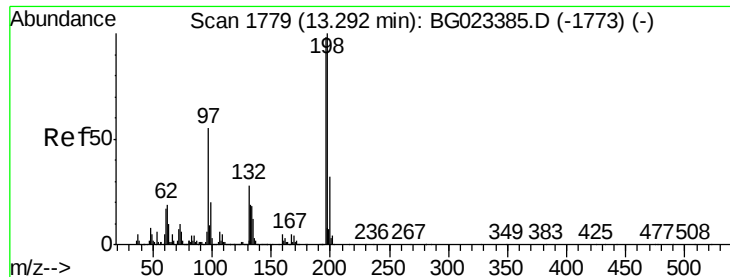
#42
 2,4,6-Trichlorophenol
 Concen: 45.91 ng
 RT: 13.20 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261003		
198	100.9	78.2	117.2	
200	35.0	27.0	40.4	



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

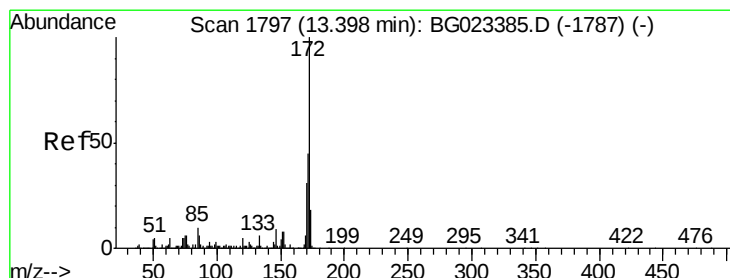
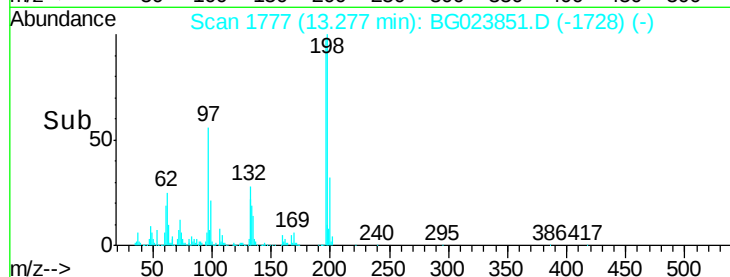
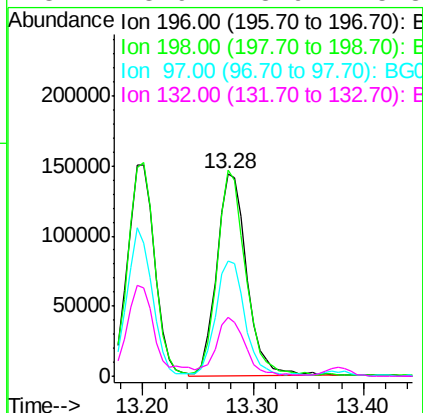
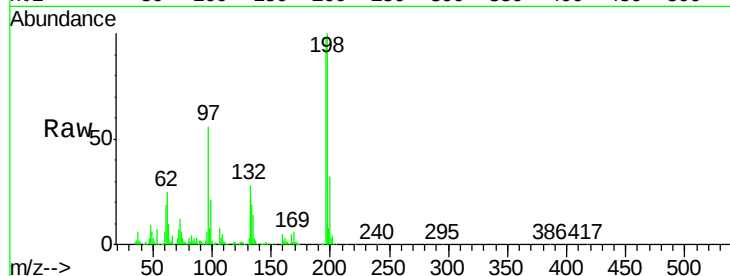




#43
 2,4,5-Trichlorophenol
 Concen: 46.33 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.02 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

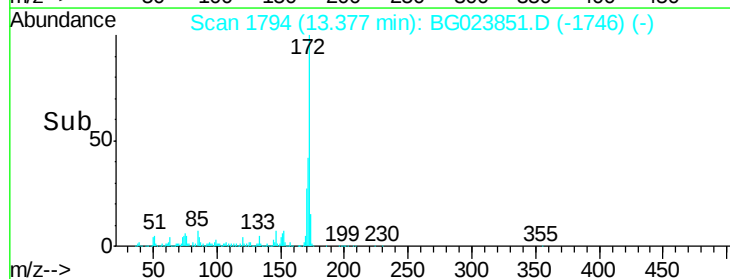
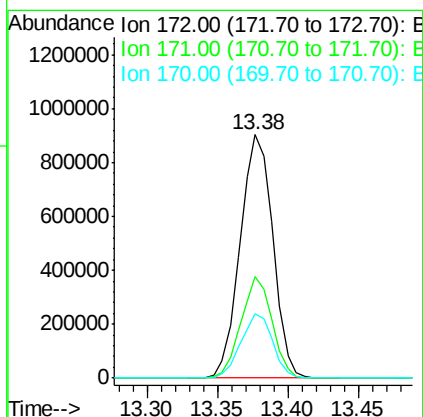
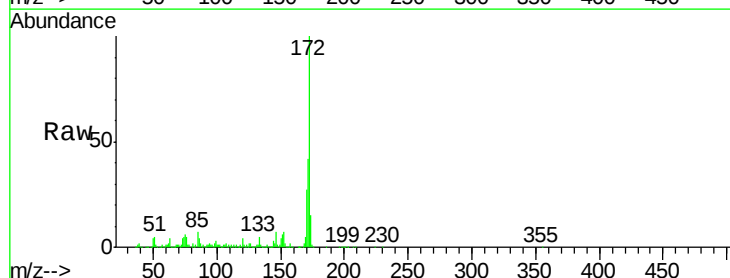
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	85.7	128.5
97	56.9	45.5	68.3
132	28.9	18.9	28.3#



#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.5	31.6	47.4
170	26.6	21.3	31.9





#45

1,1'-Biphenyl

Concen: 40.25 ng

RT: 13.59 min Scan# 1830

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

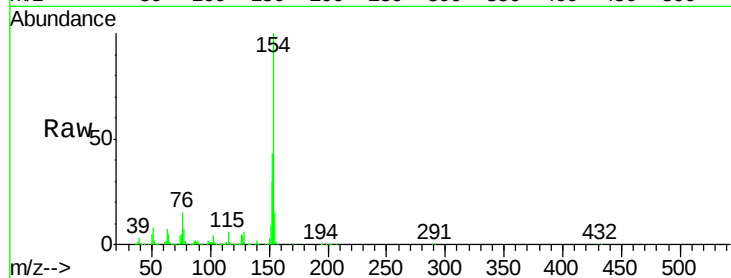
Tgt Ion:154 Resp: 809902

Ion Ratio Lower Upper

154 100

153 43.0 20.2 60.2

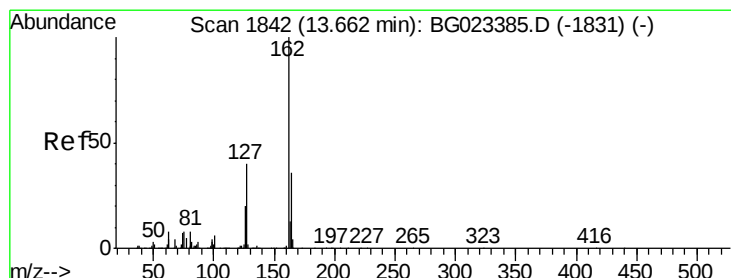
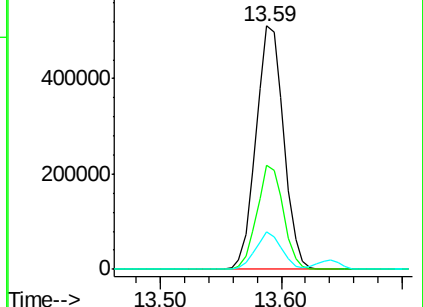
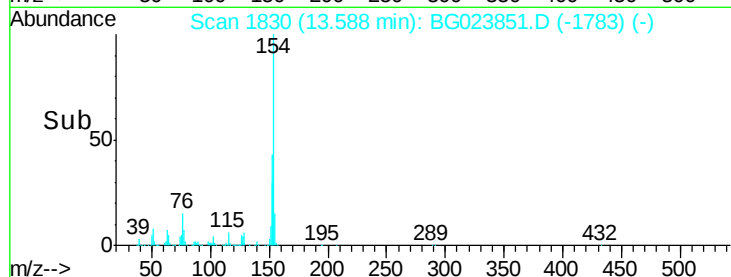
76 15.4 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 46.15 ng

RT: 13.64 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

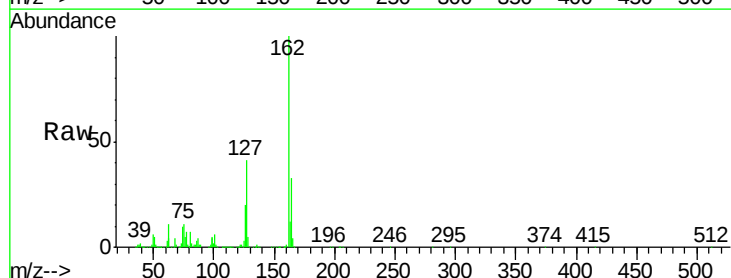
Tgt Ion:162 Resp: 718261

Ion Ratio Lower Upper

162 100

127 40.8 32.4 48.6

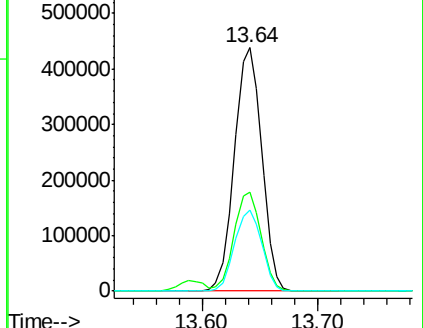
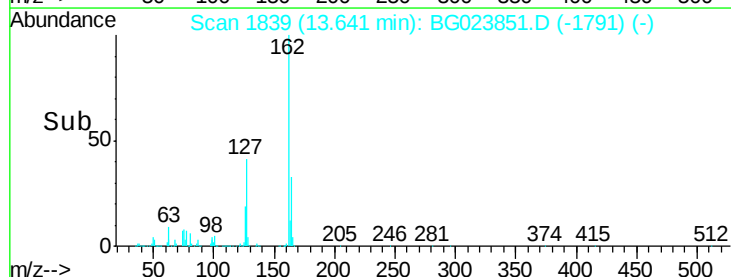
164 33.4 25.2 37.8

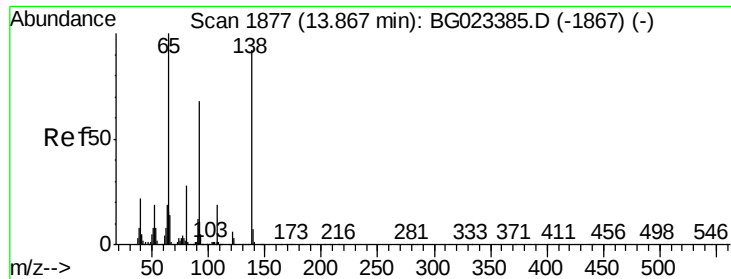


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

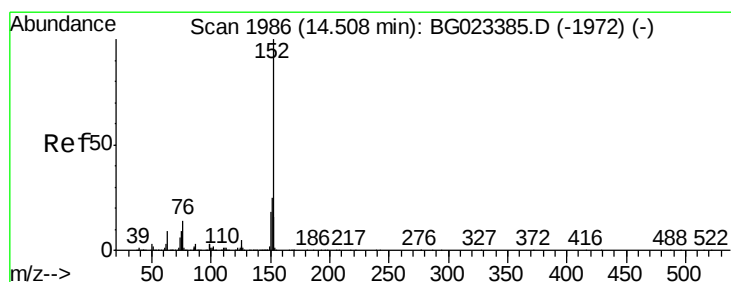
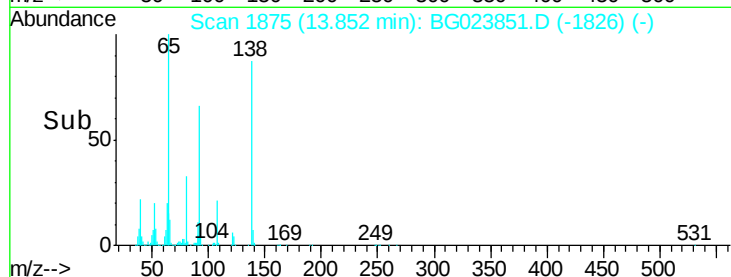
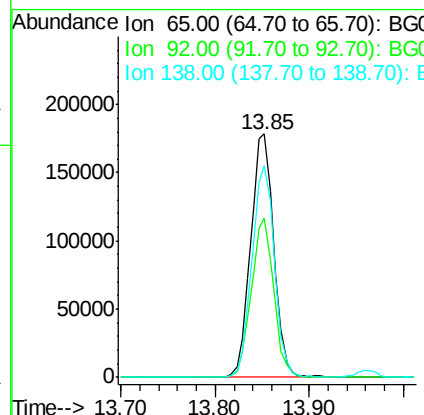
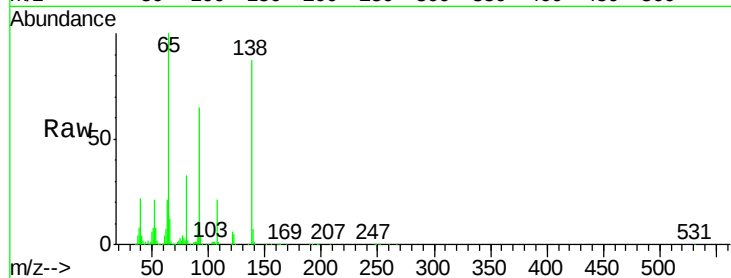




#47
2-Nitroaniline
Concen: 46.89 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

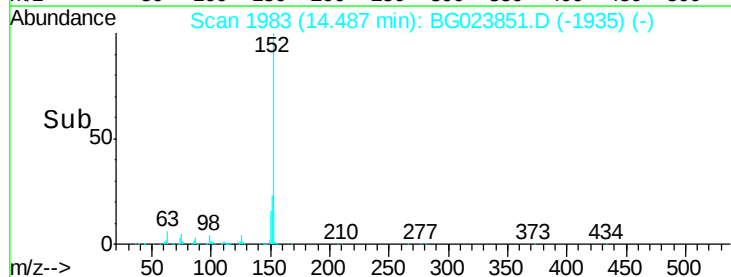
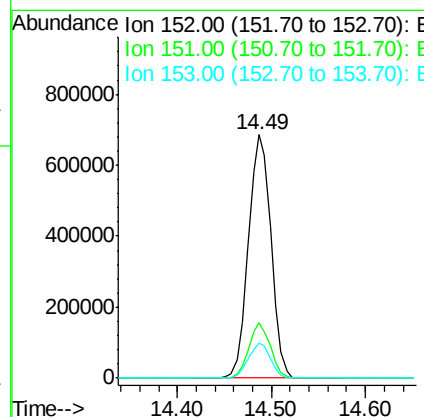
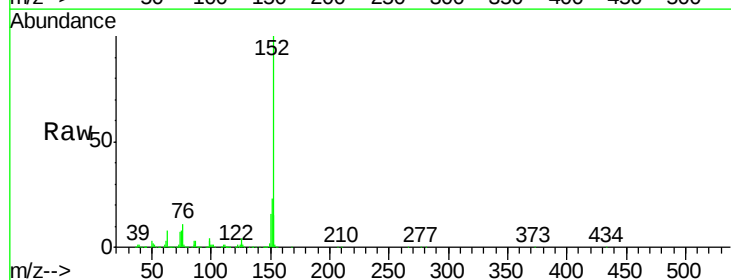
Instrument :
BNA_G
ClientSampleId :
PB93023BS

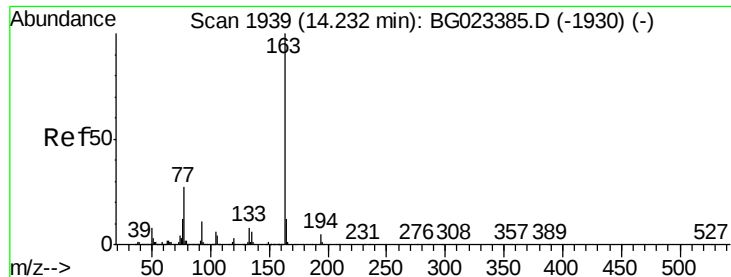
Tgt Ion: 65 Resp: 303001
Ion Ratio Lower Upper
65 100
92 65.4 49.4 74.0
138 86.7 58.0 87.0



#48
Acenaphthylene
Concen: 46.11 ng
RT: 14.49 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion: 152 Resp: 1134397
Ion Ratio Lower Upper
152 100
151 22.6 17.6 26.4
153 14.5 11.4 17.2





#49

Dimethylphthalate

Concen: 47.58 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

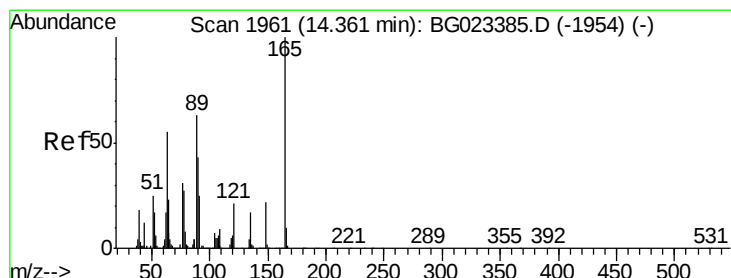
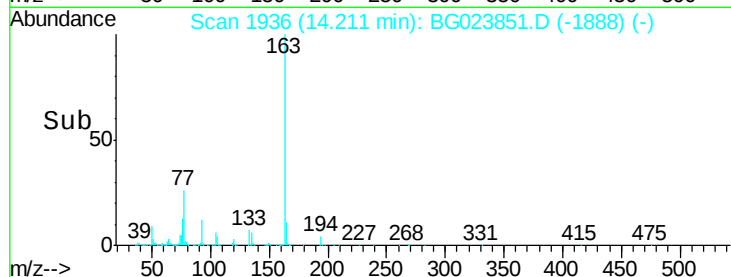
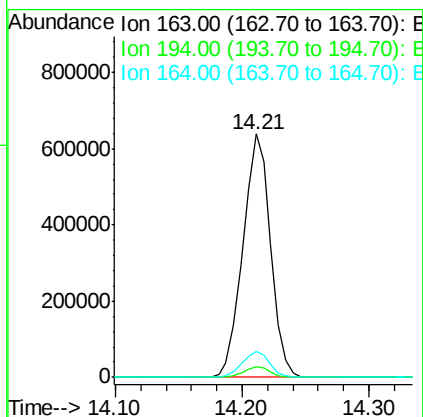
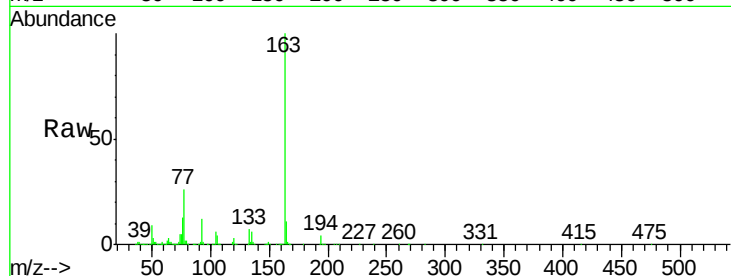
Instrument :

BNA_G

ClientSampleId :

PB93023BS

Tgt Ion:	163	Resp:	960807
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.7	8.1	12.1



#50

2,6-Dinitrotoluene

Concen: 45.22 ng

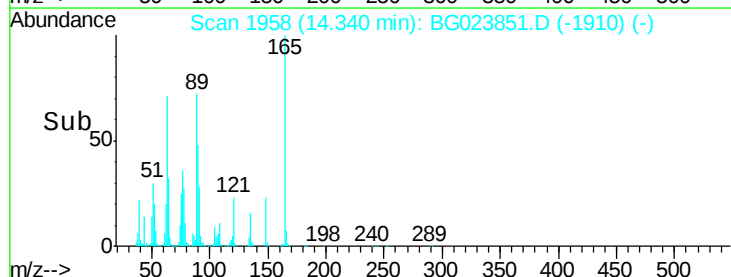
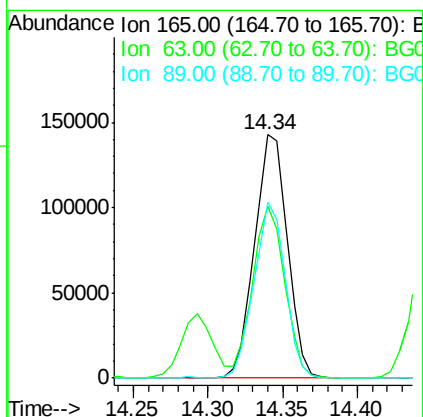
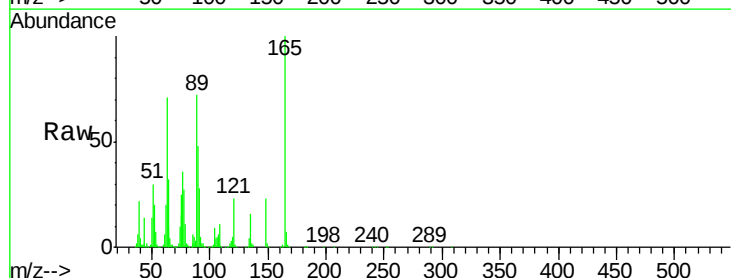
RT: 14.34 min Scan# 1958

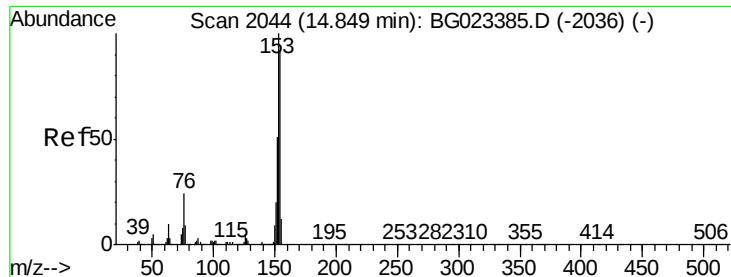
Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Tgt Ion:	165	Resp:	216240
Ion	Ratio	Lower	Upper
165	100		
63	70.7	64.3	96.5
89	72.0	64.3	96.5





#51

Acenaphthene

Concen: 45.53 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

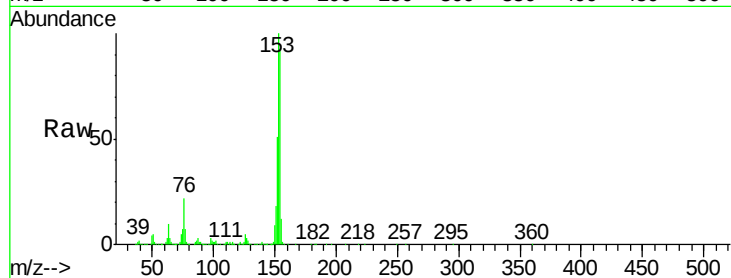
Tgt Ion:154 Resp: 709633

Ion Ratio Lower Upper

154 100

153 108.4 87.5 131.3

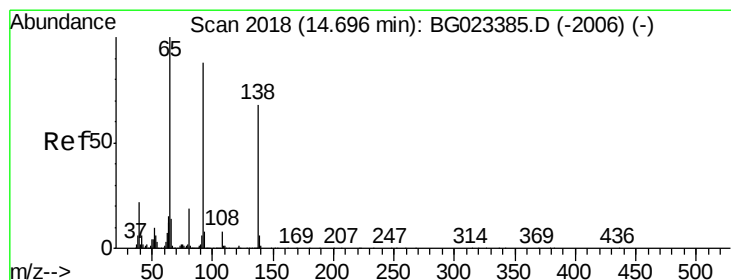
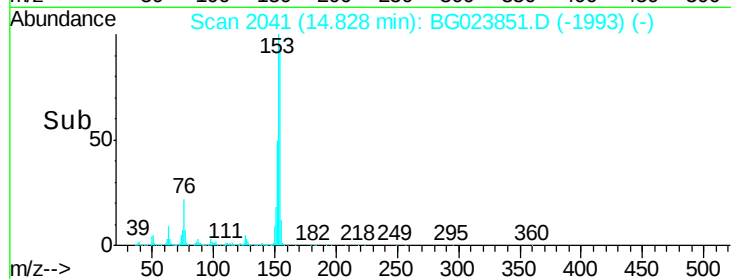
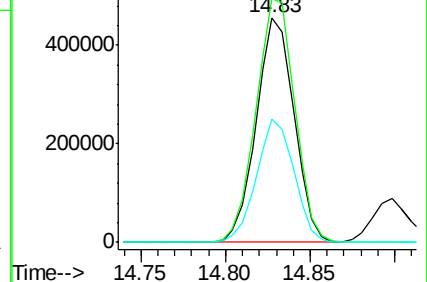
152 54.9 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.19 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

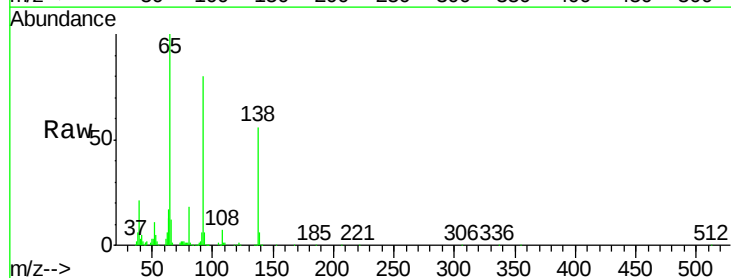
Tgt Ion:138 Resp: 130449

Ion Ratio Lower Upper

138 100

108 13.0 11.7 17.5

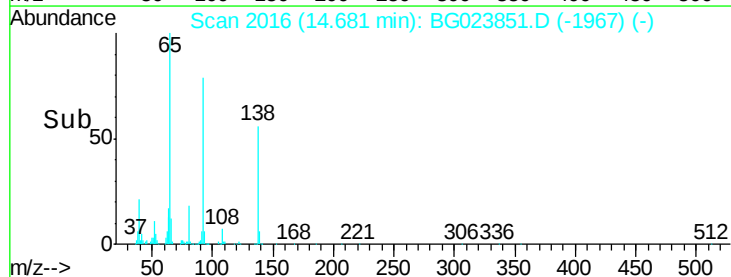
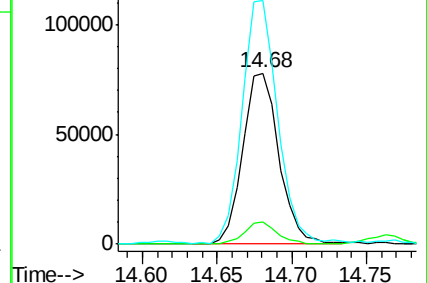
92 142.7 129.7 194.5

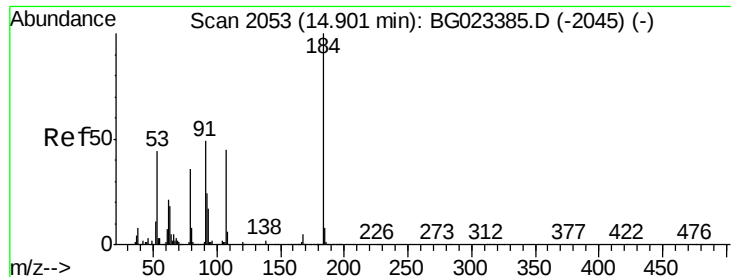


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

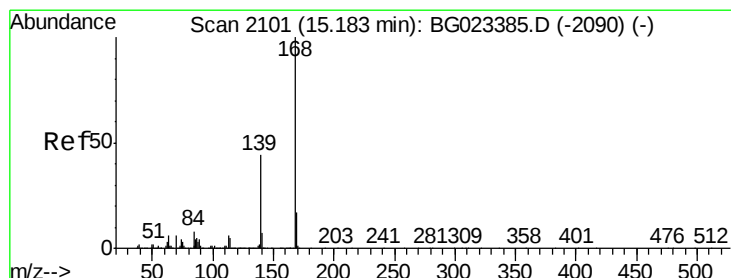
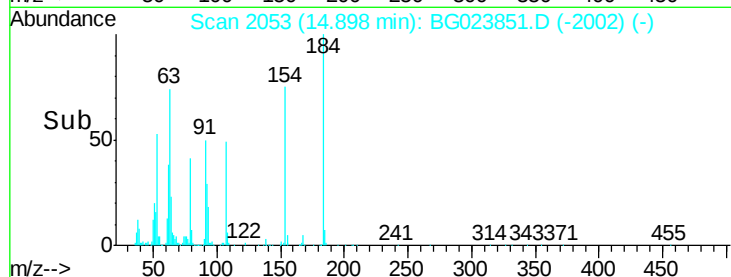
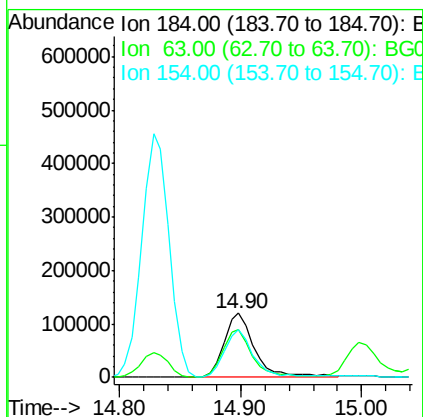
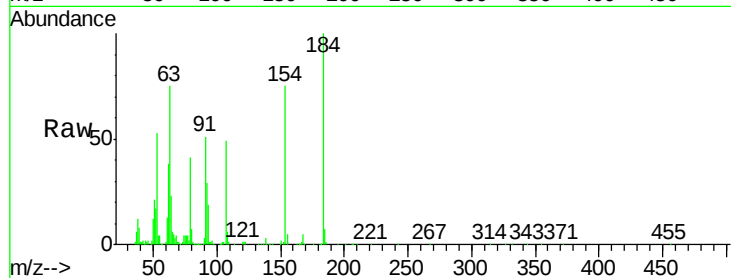




#53
2,4-Dinitrophenol
Concen: 68.59 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

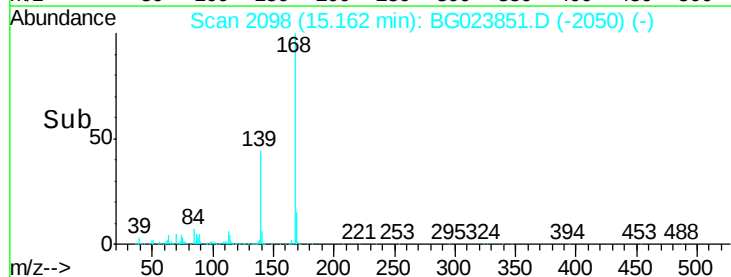
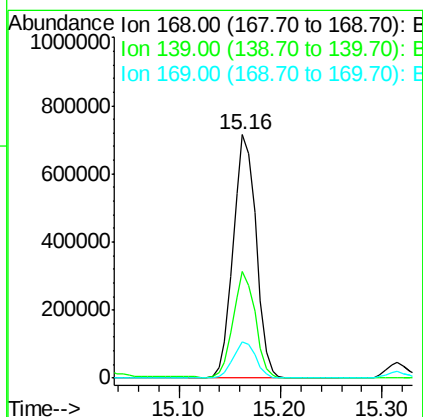
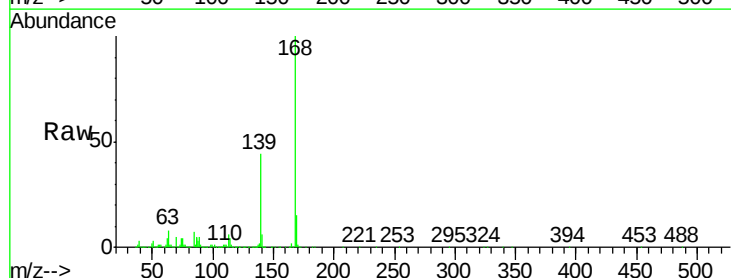
Instrument :
BNA_G
ClientSampleId :
PB93023BS

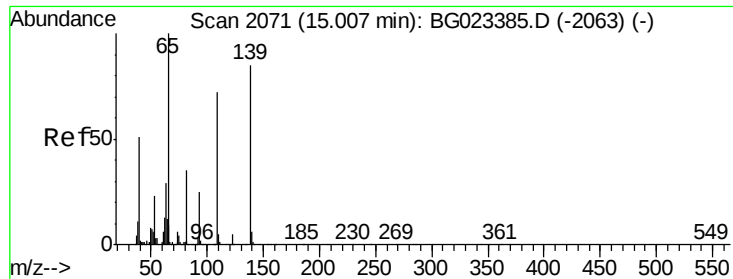
Tgt Ion:184 Resp: 210259
Ion Ratio Lower Upper
184 100
63 74.8 59.6 89.4
154 74.9 67.4 101.0



#54
Dibenzofuran
Concen: 49.60 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion:168 Resp: 1122497
Ion Ratio Lower Upper
168 100
139 43.8 36.4 54.6
169 14.8 11.9 17.9





#55

4-Nitrophenol

Concen: 80.21 ng

RT: 15.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

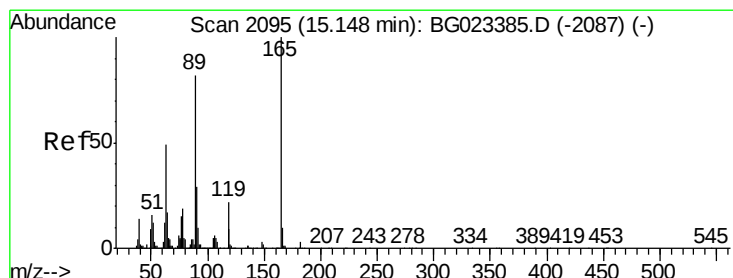
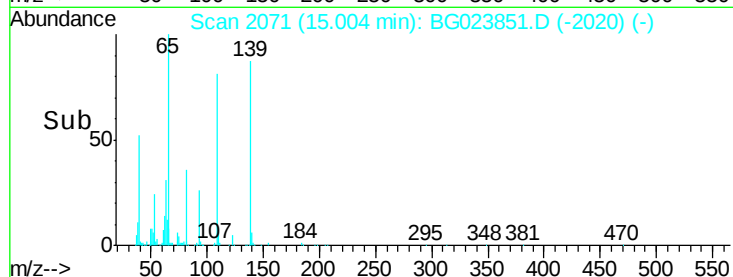
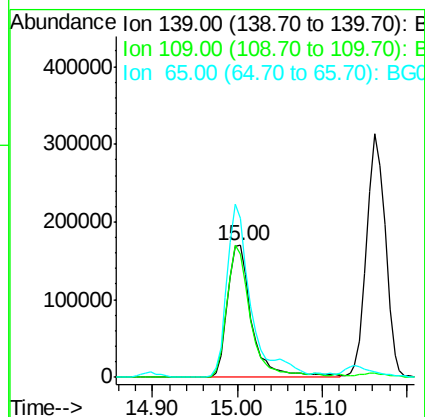
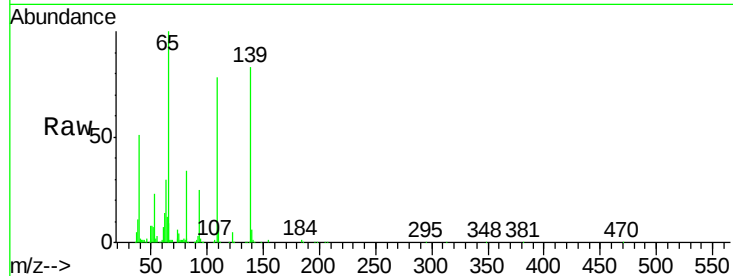
Tgt Ion:139 Resp: 339702

Ion Ratio Lower Upper

139 100

109 93.5 103.0 143.0#

65 120.6 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 47.61 ng

RT: 15.14 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Tgt Ion:165 Resp: 319537

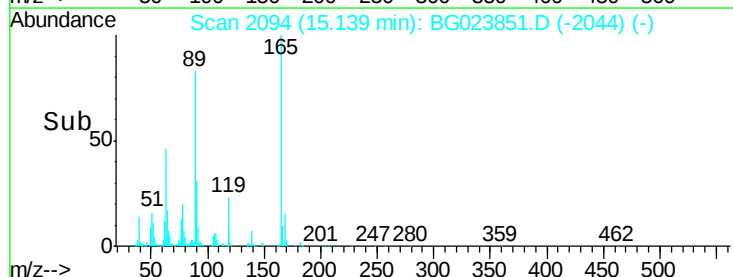
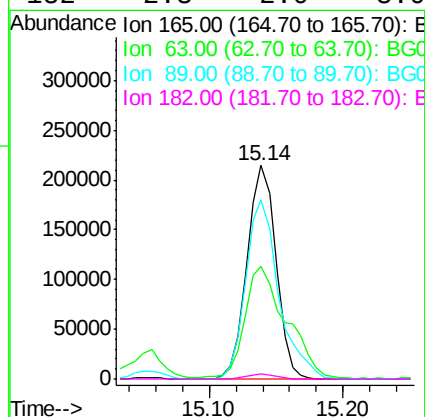
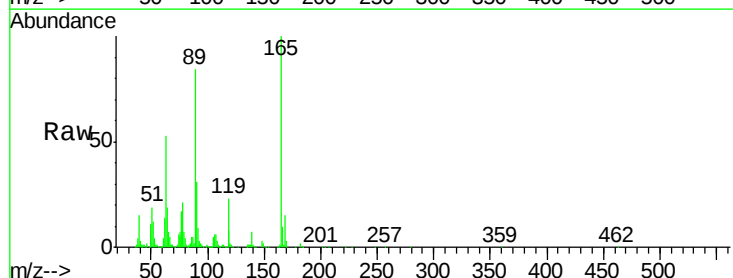
Ion Ratio Lower Upper

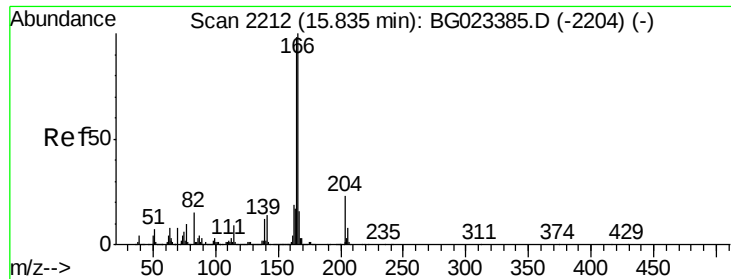
165 100

63 52.6 45.8 68.6

89 83.7 68.6 102.8

182 2.3 2.0 3.0





#57

Fluorene

Concen: 46.59 ng

RT: 15.82 min Scan# 2210

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

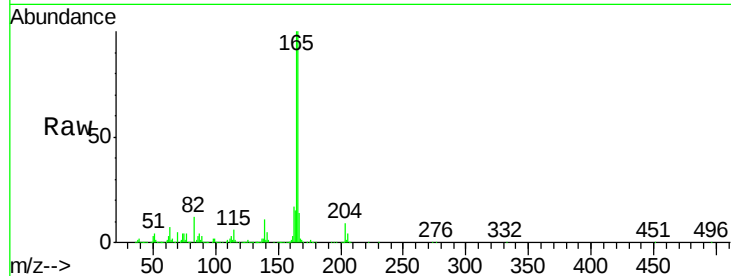
Tgt Ion:166 Resp: 920074

Ion Ratio Lower Upper

166 100

165 99.6 81.0 121.6

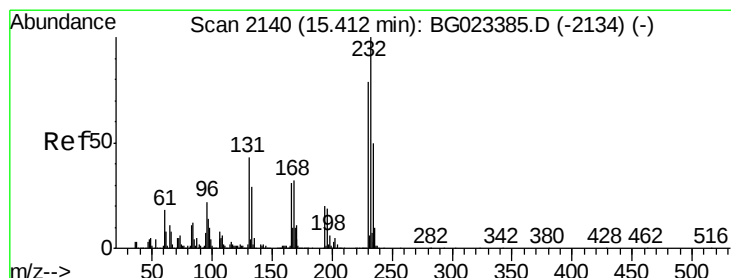
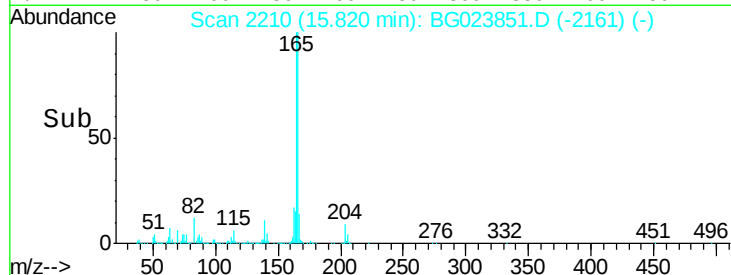
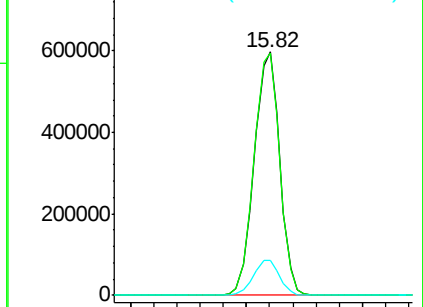
167 14.3 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.47 ng

RT: 15.40 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Tgt Ion:232 Resp: 271059

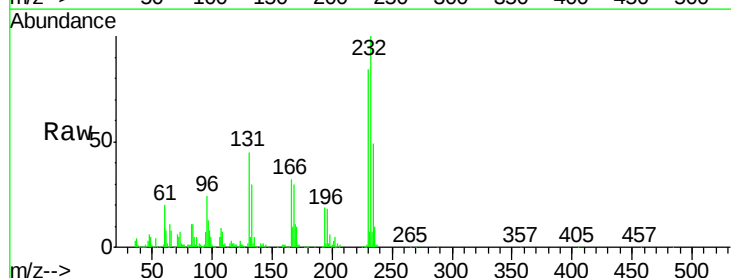
Ion Ratio Lower Upper

232 100

131 44.3 32.7 49.1

130 2.8 2.6 3.8

166 30.4 23.0 34.6

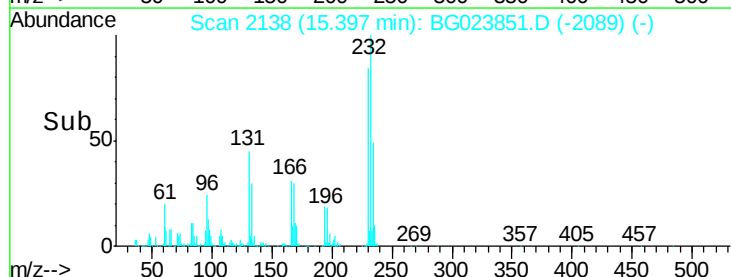
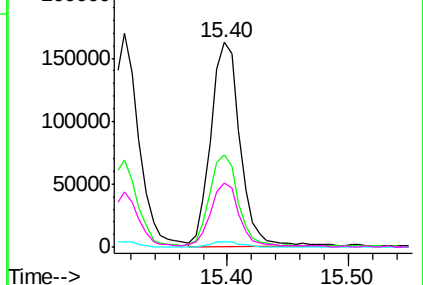


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.95 ng

RT: 15.57 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

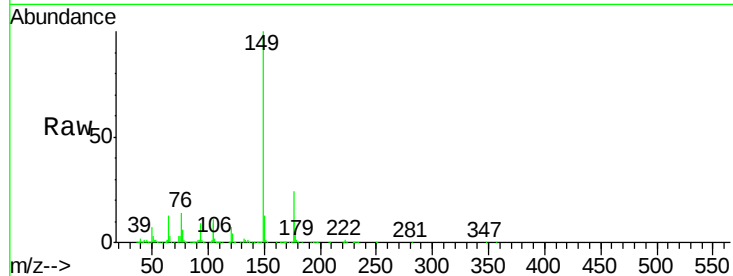
Tgt Ion:149 Resp: 1003449

Ion Ratio Lower Upper

149 100

177 23.6 19.2 28.8

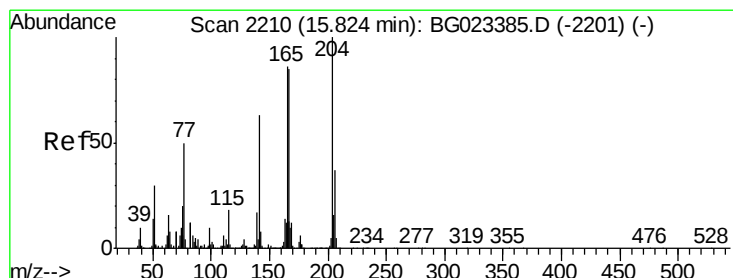
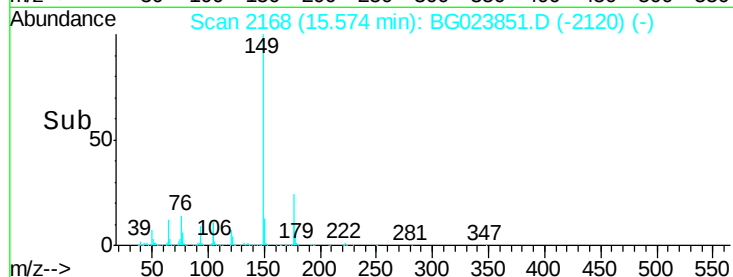
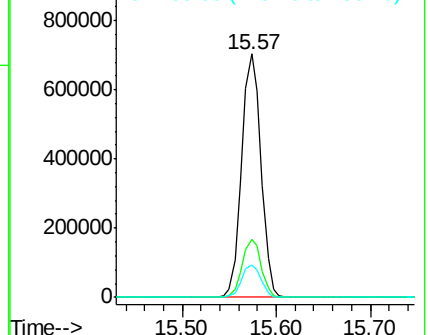
150 13.2 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.29 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

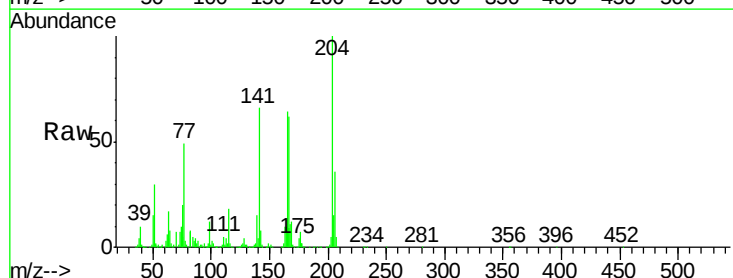
Tgt Ion:204 Resp: 473265

Ion Ratio Lower Upper

204 100

206 36.2 28.5 42.7

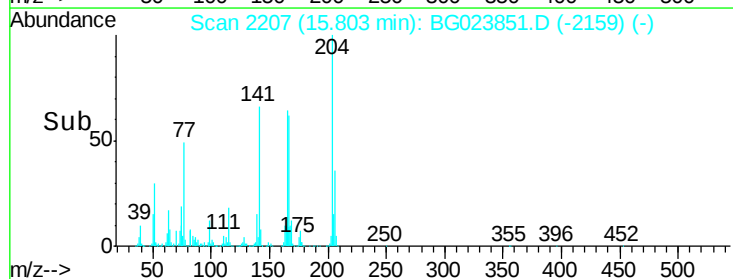
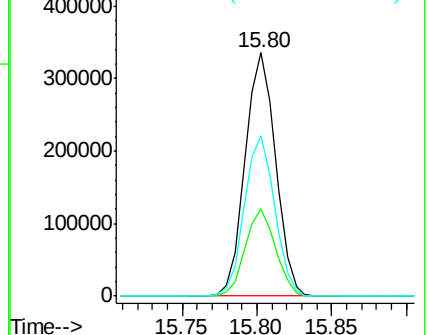
141 65.9 51.4 77.0



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

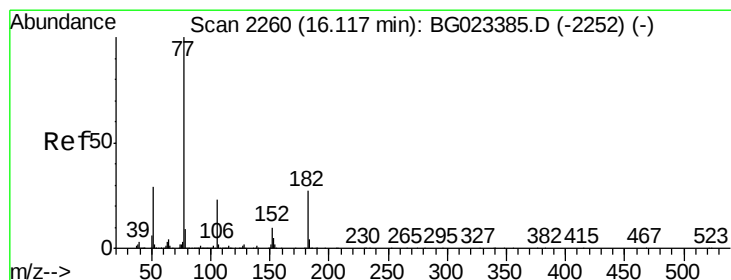
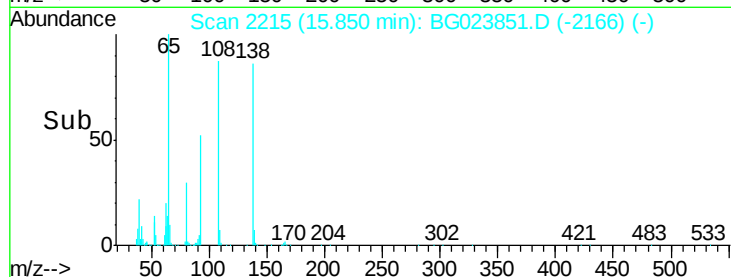
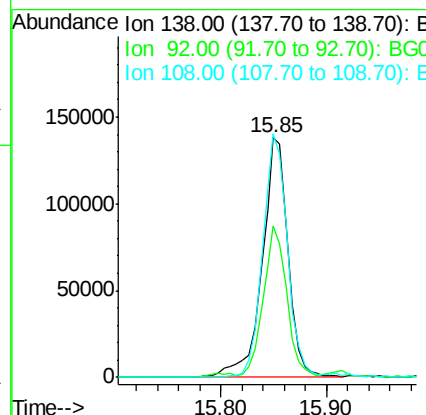
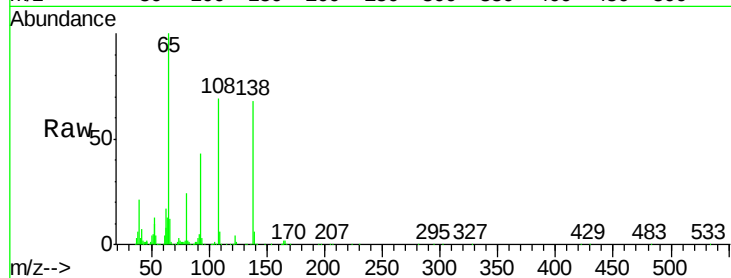




#61
4-Nitroaniline
Concen: 41.11 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

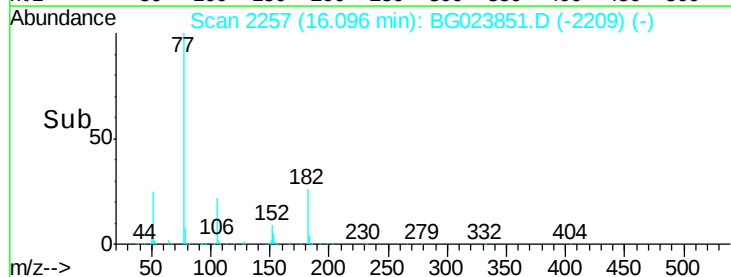
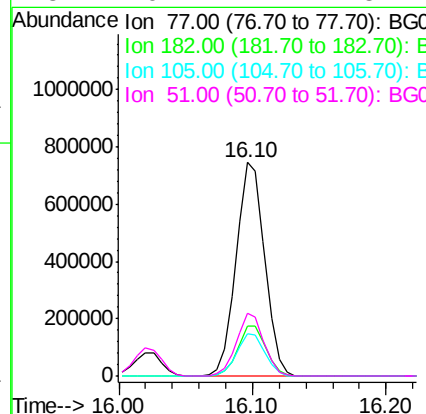
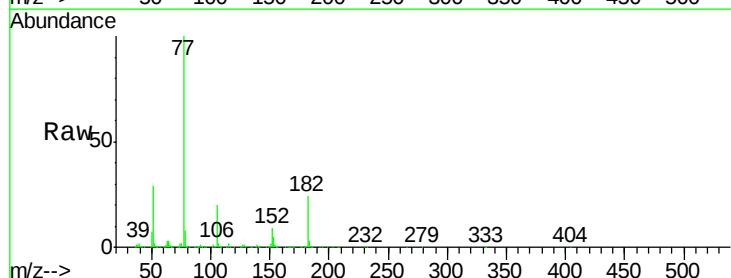
Instrument :
BNA_G
ClientSampleId :
PB93023BS

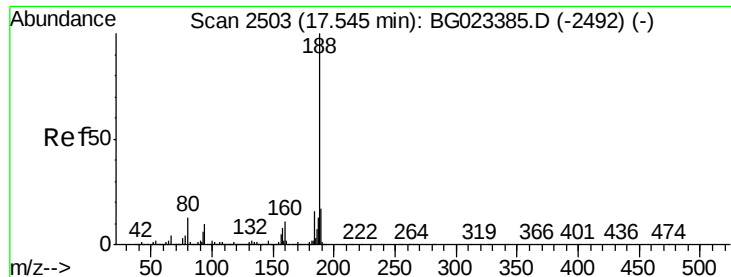
Tgt Ion: 138 Resp: 236009
Ion Ratio Lower Upper
138 100
92 63.2 54.1 94.1
108 101.6 133.9 173.9#



#62
Azobenzene
Concen: 53.33 ng
RT: 16.10 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion: 77 Resp: 1108037
Ion Ratio Lower Upper
77 100
182 23.5 3.5 43.5
105 20.0 0.0 38.5
51 29.2 17.1 57.1

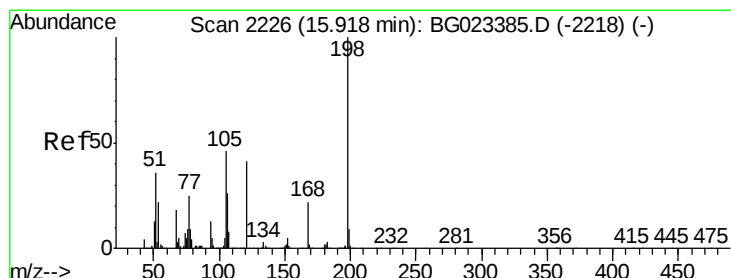
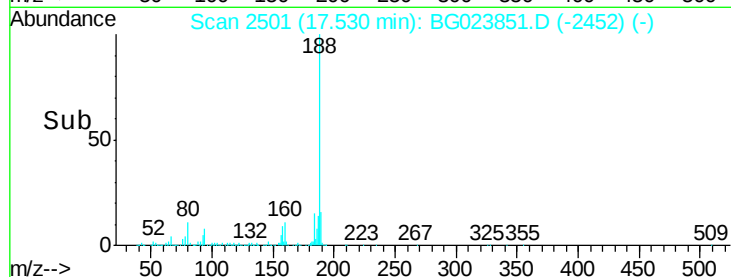
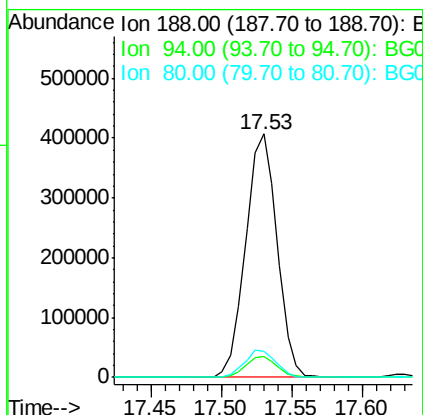
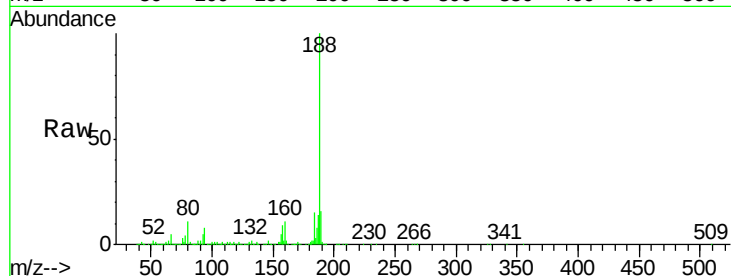




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

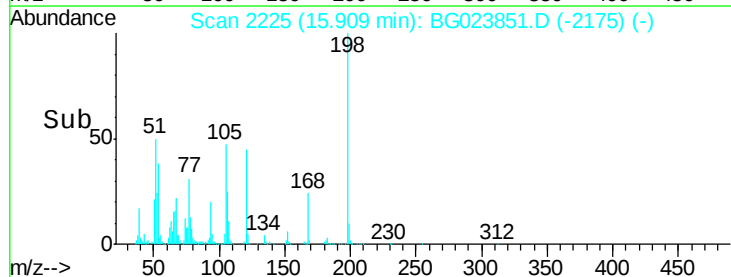
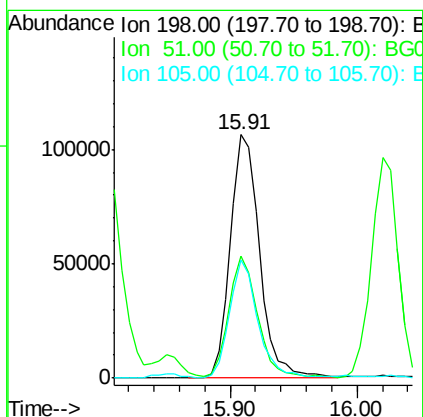
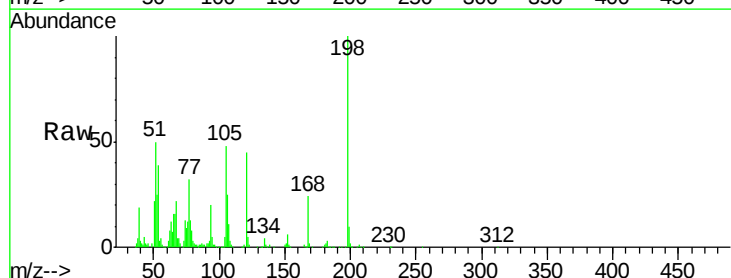
Instrument :
BNA_G
ClientSampleId :
PB93023BS

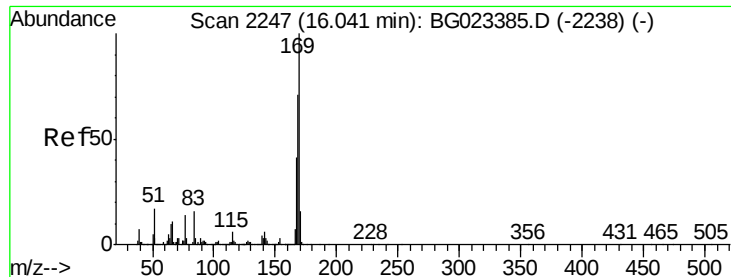
Tgt Ion:188 Resp: 634991
Ion Ratio Lower Upper
188 100
94 8.3 5.2 7.8#
80 10.5 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.28 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion:198 Resp: 169599
Ion Ratio Lower Upper
198 100
51 50.1 26.0 66.0
105 48.3 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 45.68 ng

RT: 16.03 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

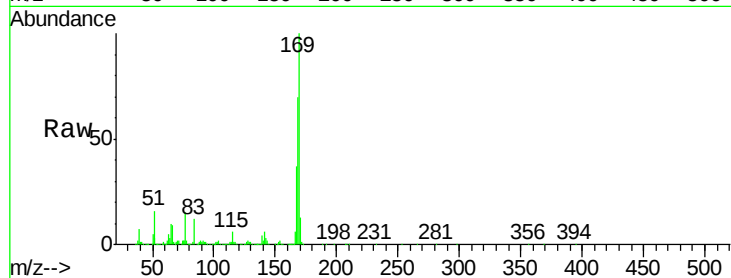
Tgt Ion:169 Resp: 850811

Ion Ratio Lower Upper

169 100

168 70.0 55.0 82.4

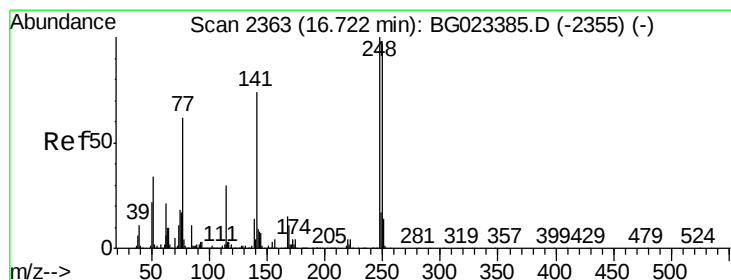
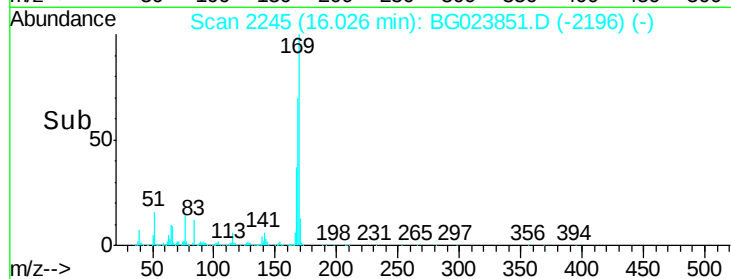
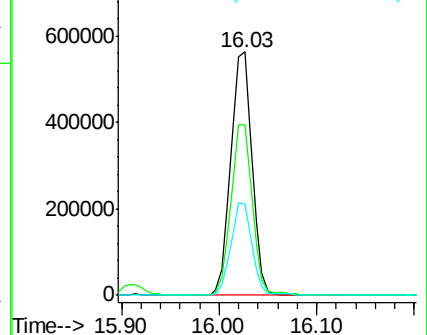
167 37.4 27.4 41.0



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: 44.58 ng

RT: 16.70 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

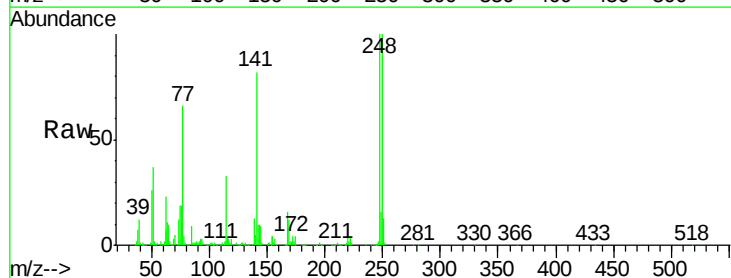
Tgt Ion:248 Resp: 329908

Ion Ratio Lower Upper

248 100

250 99.6 77.8 116.8

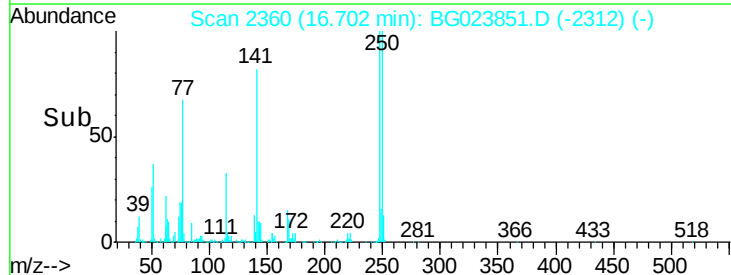
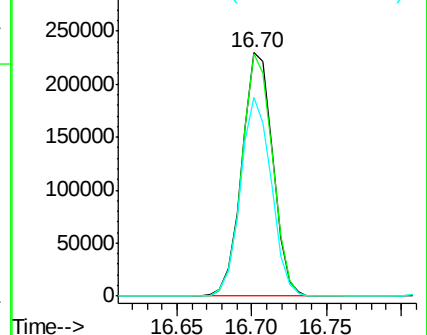
141 81.8 65.7 98.5

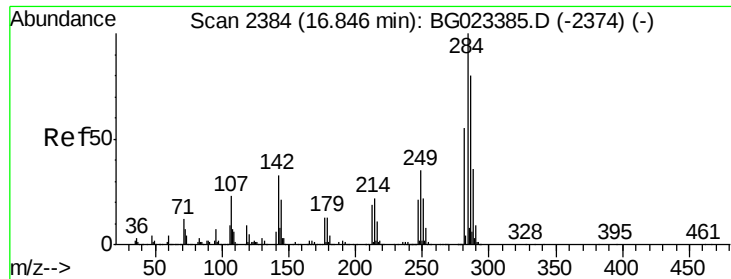


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

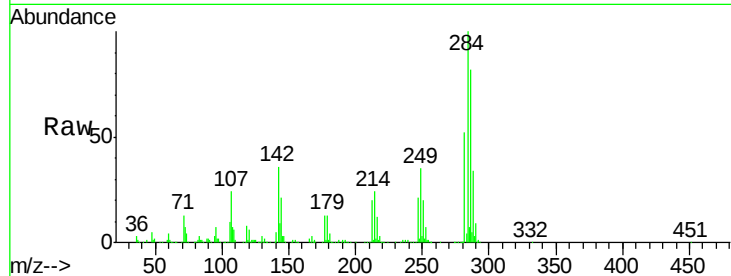




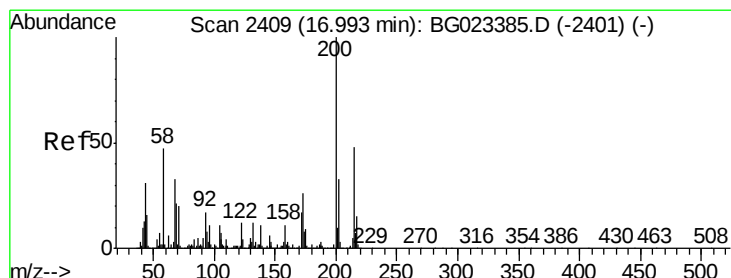
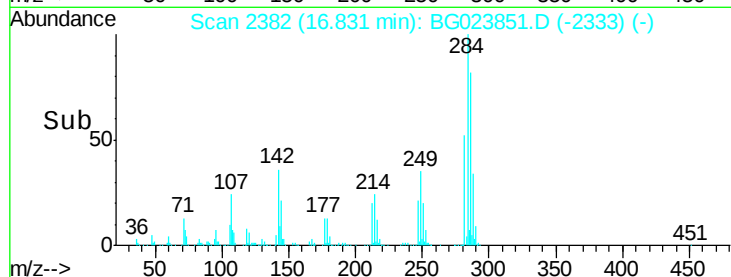
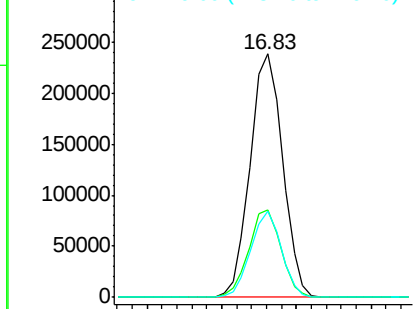
#67
Hexachlorobenzene
Concen: 44.27 ng
RT: 16.83 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Instrument :
BNA_G
ClientSampleId :
PB93023BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	26.8	40.2
249	35.1	28.9	43.3

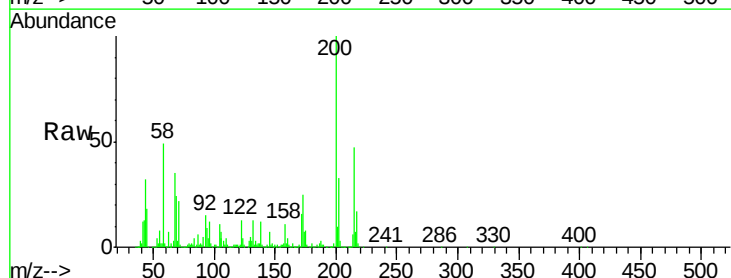


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

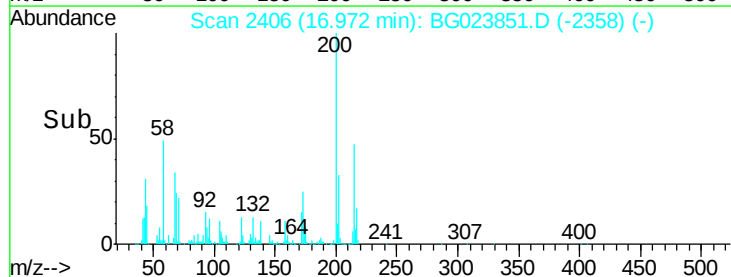
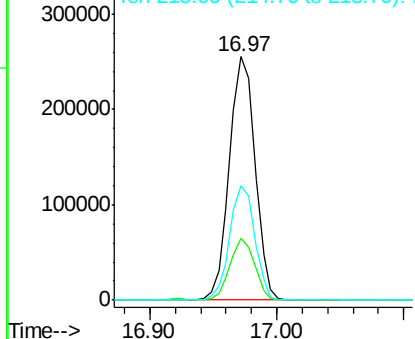


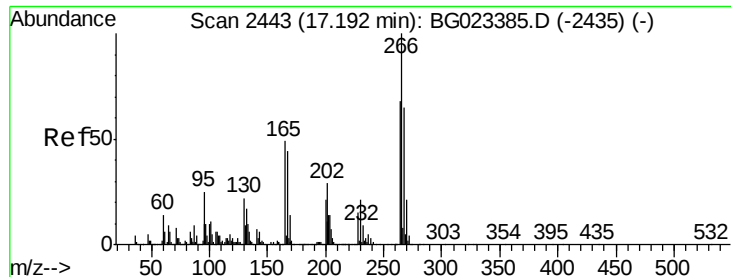
#68
Atrazine
Concen: 49.98 ng
RT: 16.97 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG023851.D
Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	1.6	41.6
215	47.2	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

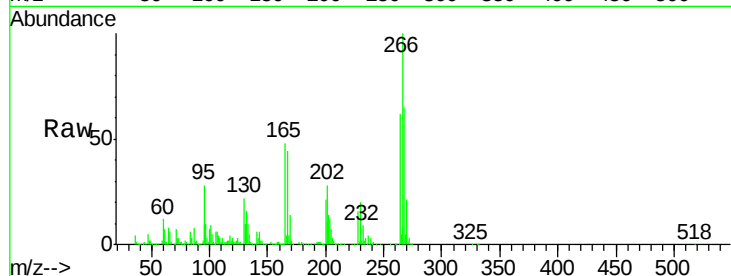




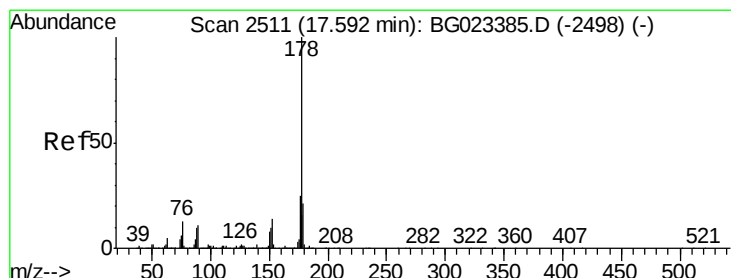
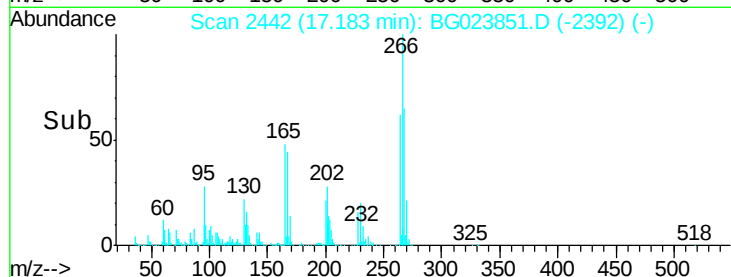
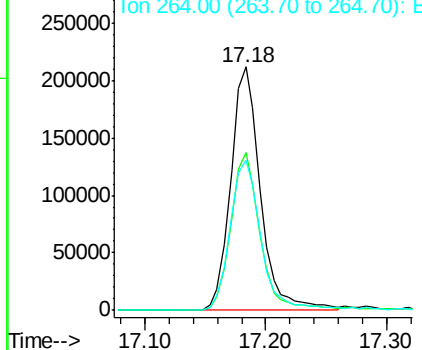
#69
 Pentachlorophenol
 Concen: 77.04 ng
 RT: 17.18 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.9	77.9
264	61.7	50.6	75.8

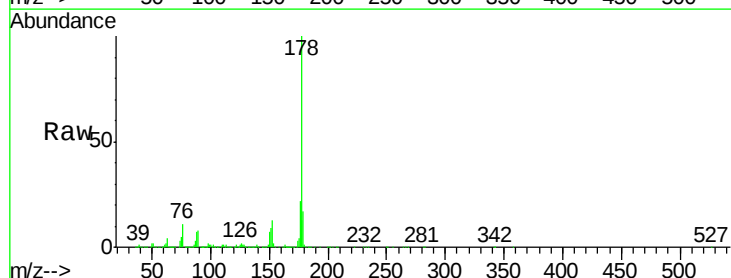


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

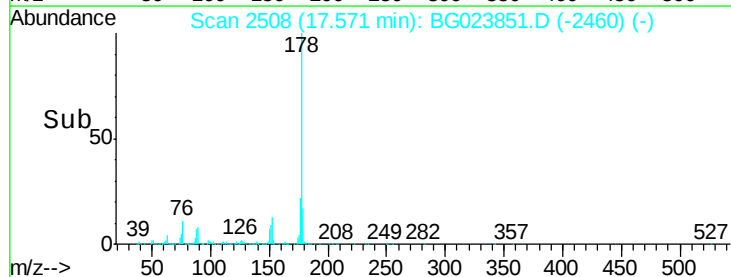
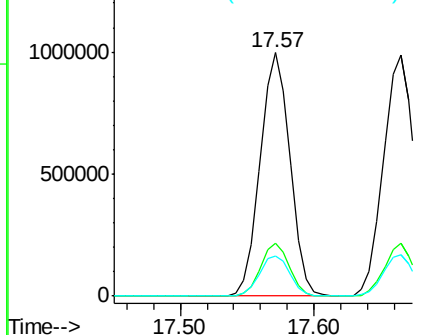


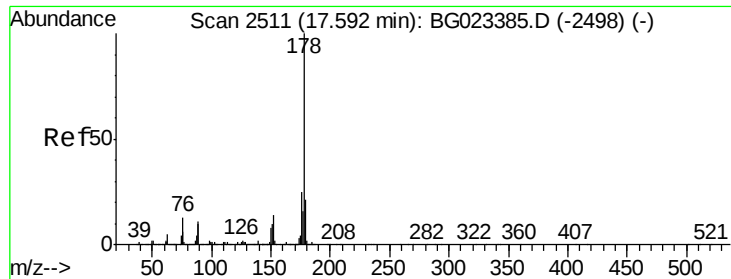
#70
 Phenanthrene
 Concen: 47.66 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.8	25.2
179	16.7	14.3	21.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

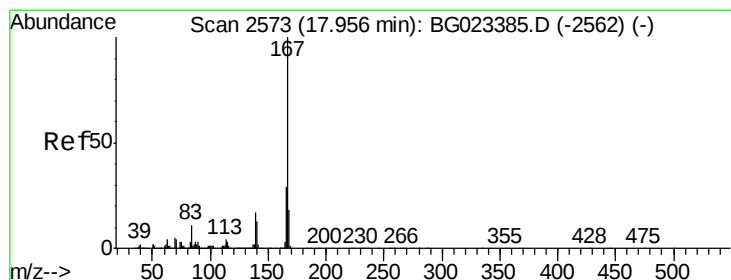
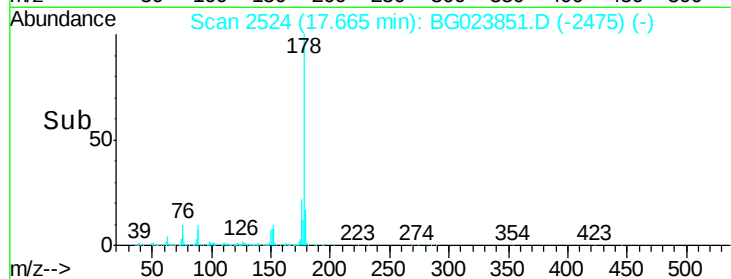
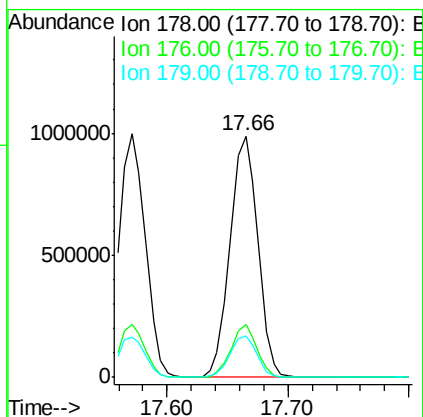
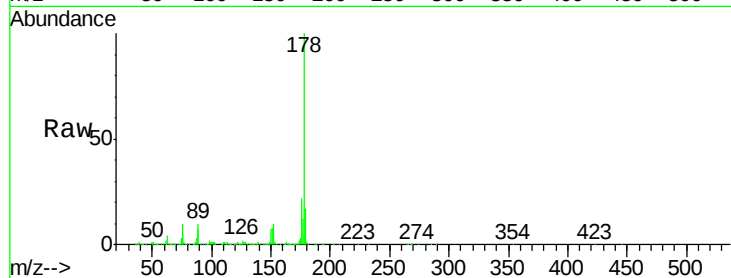




#71
 Anthracene
 Concen: 48.83 ng
 RT: 17.66 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

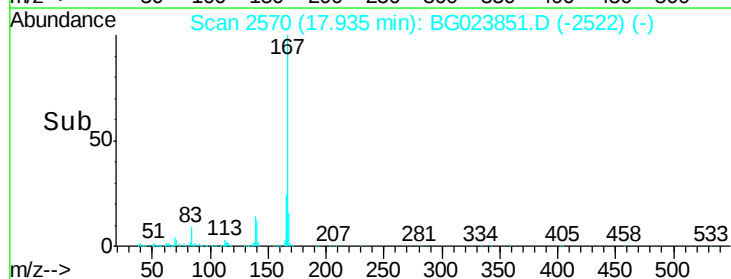
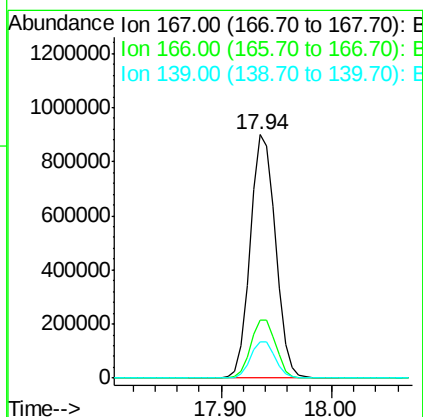
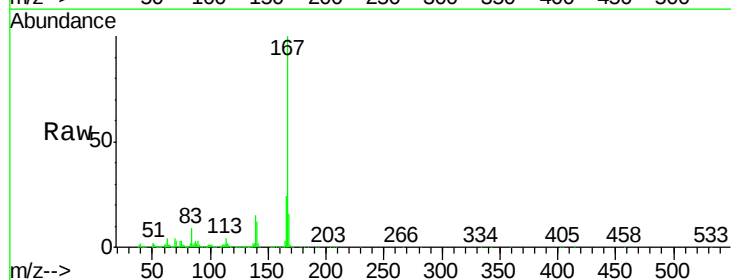
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

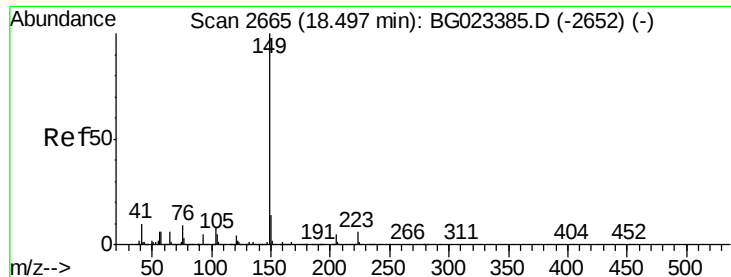
Tgt Ion:178 Resp: 1582437
 Ion Ratio Lower Upper
 178 100
 176 21.7 17.3 25.9
 179 17.4 14.0 21.0



#72
 Carbazole
 Concen: 51.01 ng
 RT: 17.94 min Scan# 2570
 Delta R.T. -0.02 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion:167 Resp: 1451668
 Ion Ratio Lower Upper
 167 100
 166 24.0 20.7 31.1
 139 14.6 11.9 17.9





#73

Di-n-butylphthalate

Concen: 62.29 ng

RT: 18.48 min Scan# 2662

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

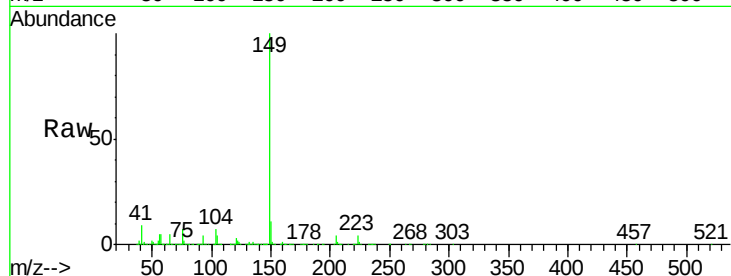
Tgt Ion:149 Resp: 1712396

Ion Ratio Lower Upper

149 100

150 11.2 9.1 13.7

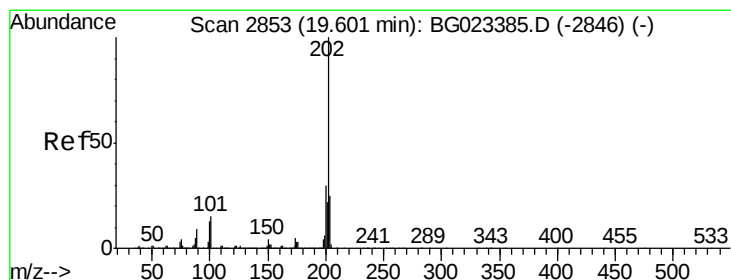
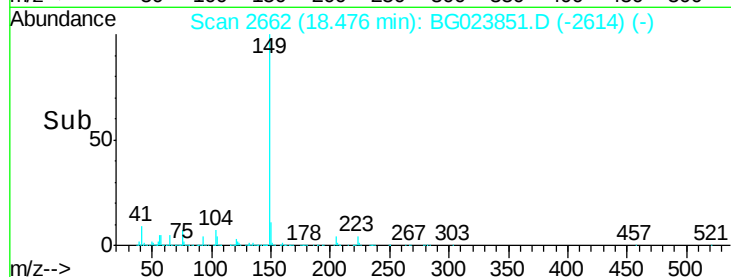
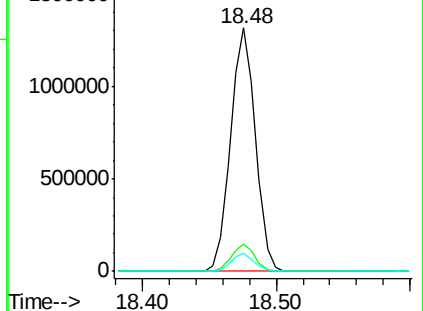
104 7.3 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 64.33 ng

RT: 19.59 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

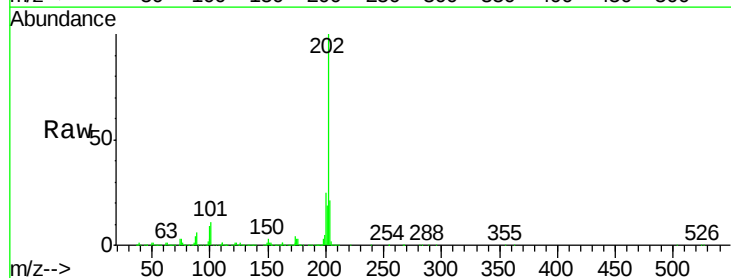
Tgt Ion:202 Resp: 1837445

Ion Ratio Lower Upper

202 100

101 10.7 0.0 27.4

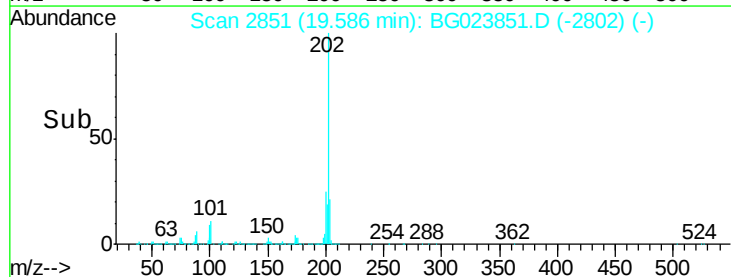
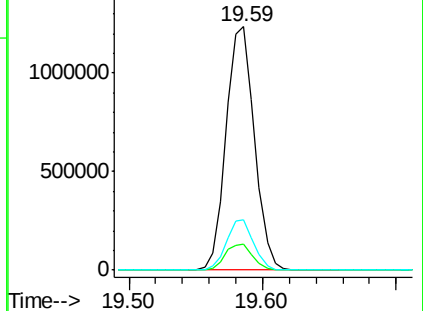
203 20.9 1.7 41.7

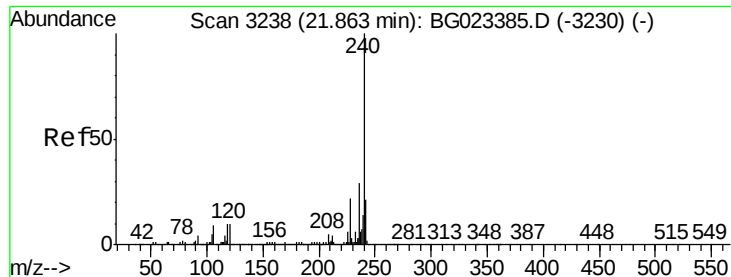


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

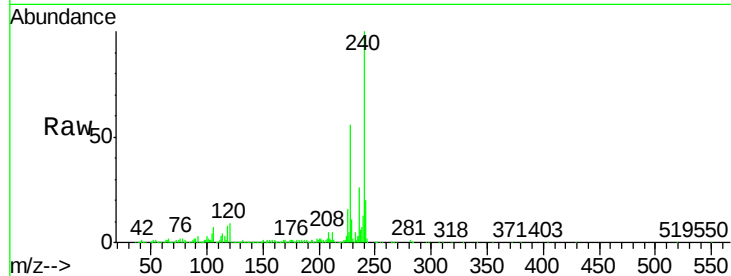
Tgt Ion:240 Resp: 701017

Ion Ratio Lower Upper

240 100

120 9.3 4.1 6.1#

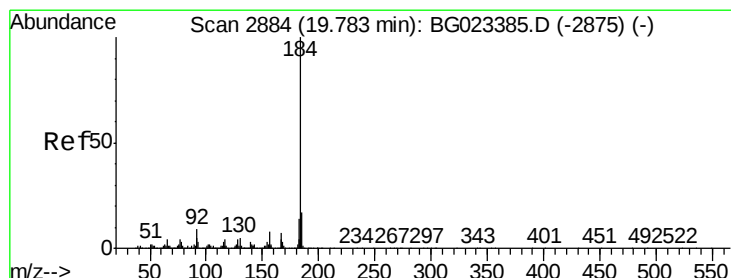
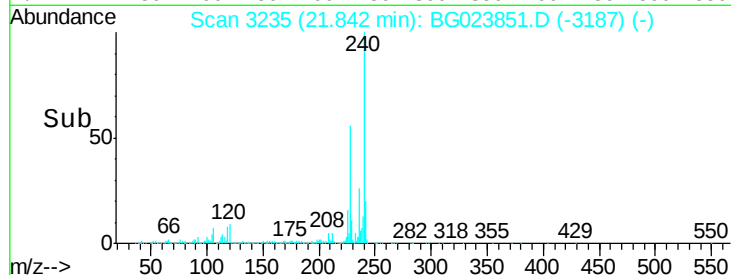
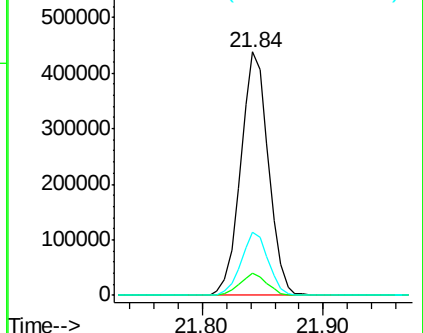
236 26.1 21.1 31.7



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: 41.31 ng

RT: 19.76 min Scan# 2881

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

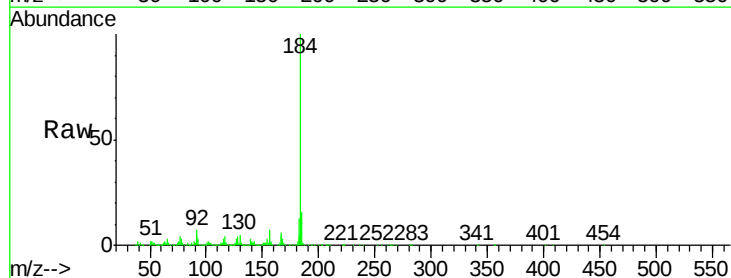
Tgt Ion:184 Resp: 805010

Ion Ratio Lower Upper

184 100

185 15.8 12.6 19.0

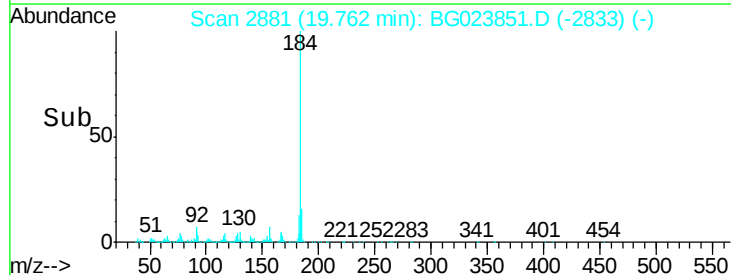
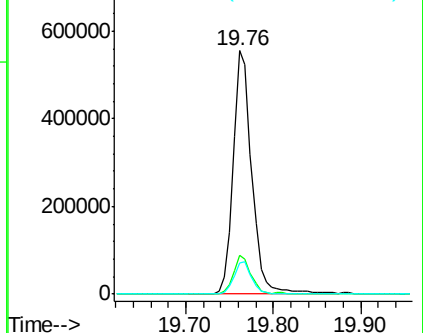
183 12.6 10.7 16.1

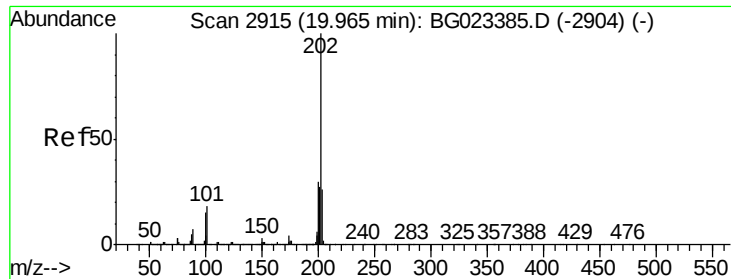


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

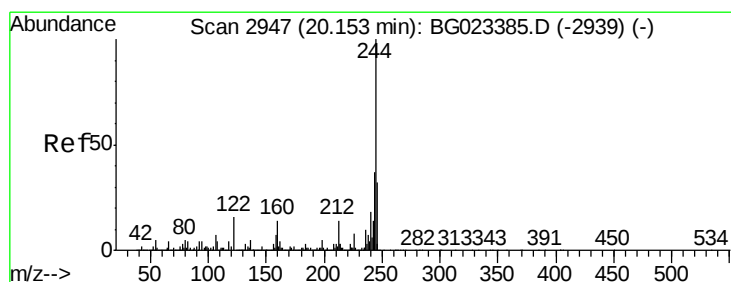
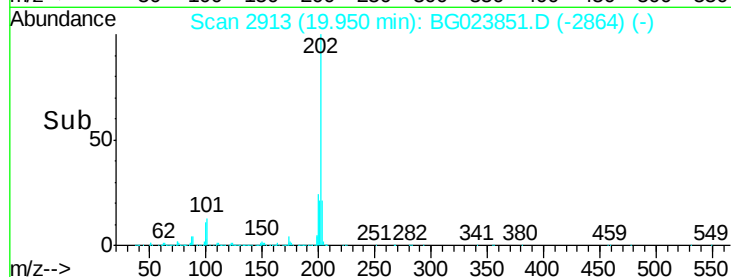
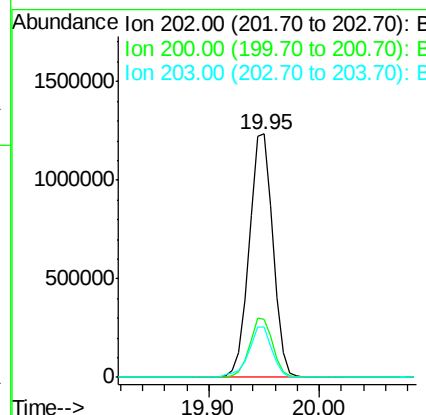
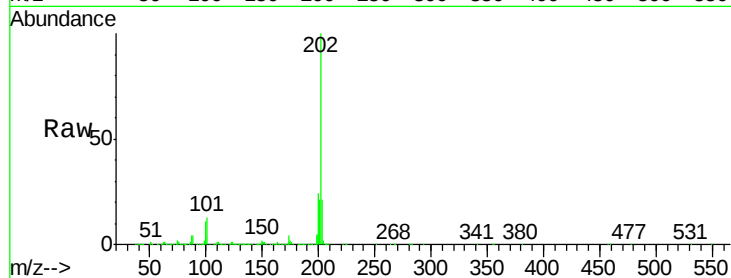




#77
 Pyrene
 Concen: 47.42 ng
 RT: 19.95 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

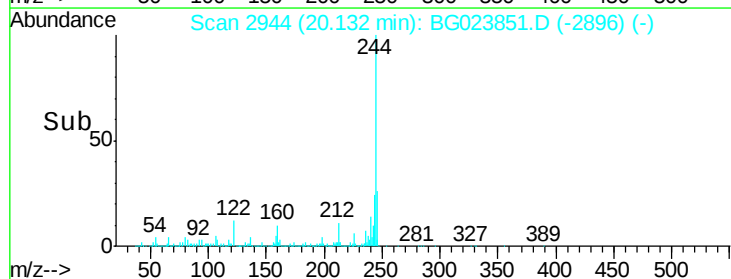
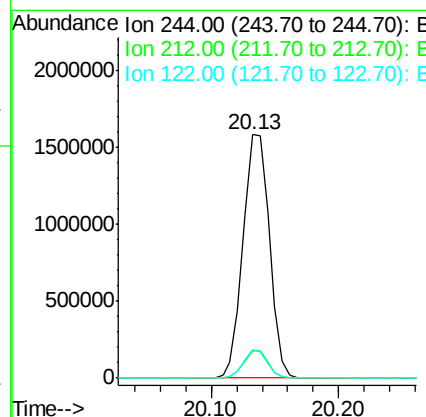
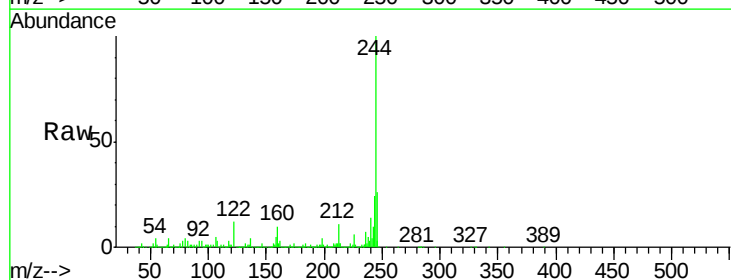
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

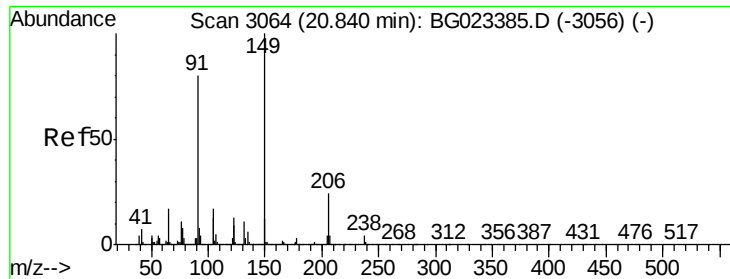
Tgt Ion:202 Resp: 1863816
 Ion Ratio Lower Upper
 202 100
 200 24.1 21.2 31.8
 203 20.7 16.8 25.2



#78
 Terphenyl-d14
 Concen: 106.75 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion:244 Resp: 2281492
 Ion Ratio Lower Upper
 244 100
 212 11.2 10.8 16.2
 122 11.9 8.0 12.0





#79

Butylbenzylphthalate

Concen: 50.09 ng

RT: 20.82 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

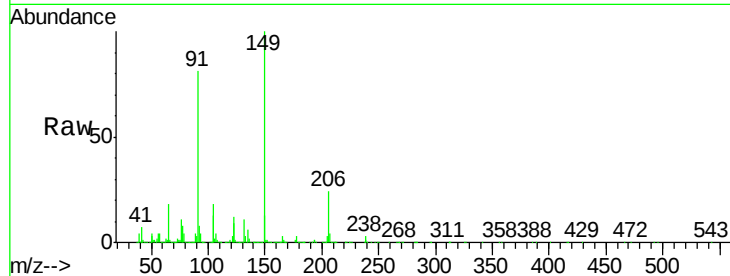
Tgt Ion:149 Resp: 845601

Ion Ratio Lower Upper

149 100

91 81.4 68.1 102.1

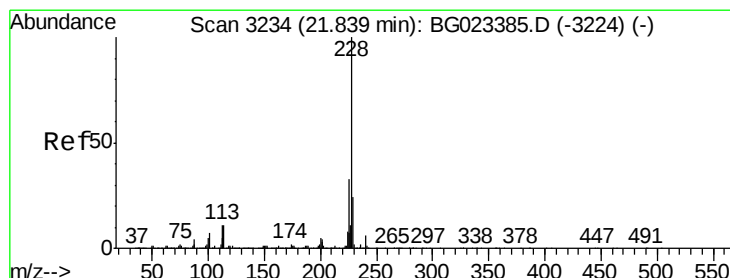
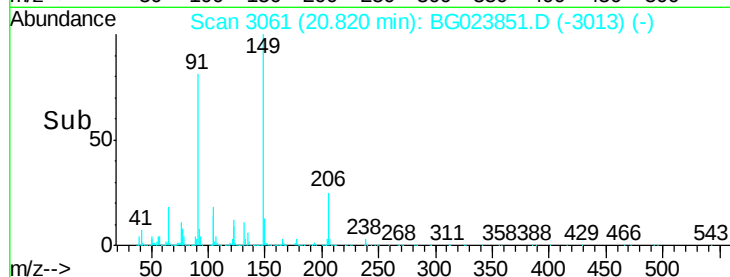
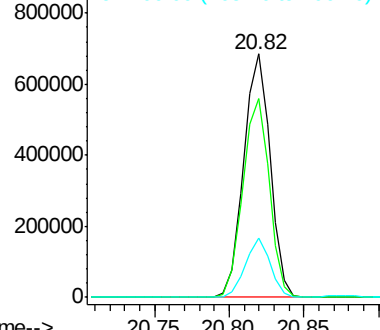
206 24.5 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.68 ng

RT: 21.82 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

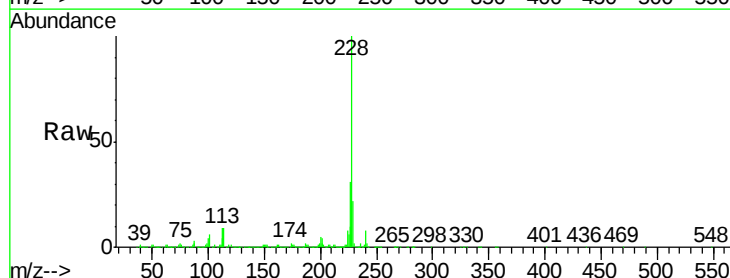
Tgt Ion:228 Resp: 1845234

Ion Ratio Lower Upper

228 100

226 31.2 25.3 37.9

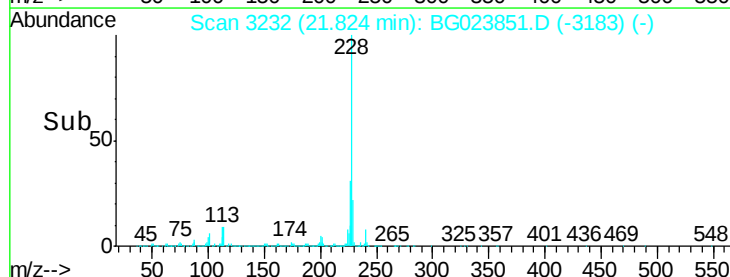
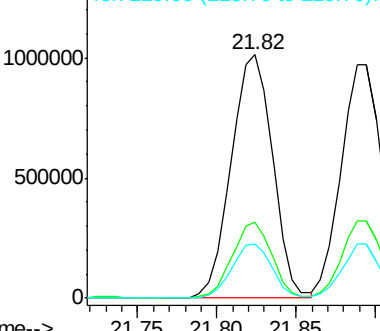
229 22.2 19.9 29.9

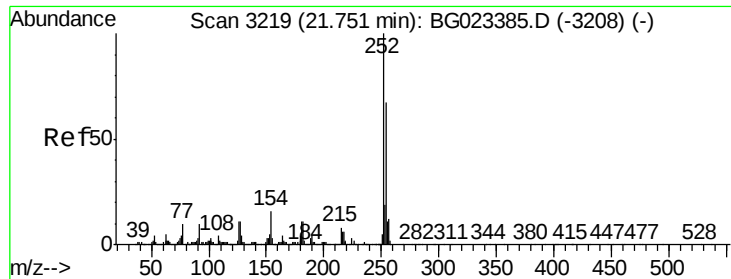


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

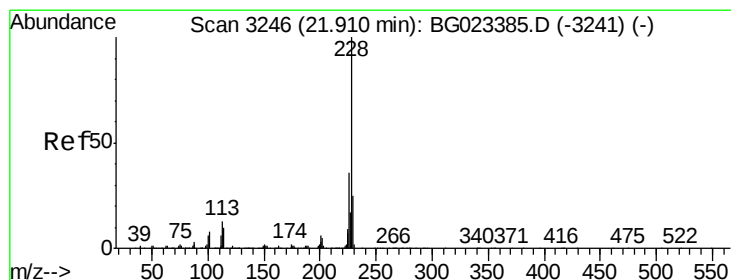
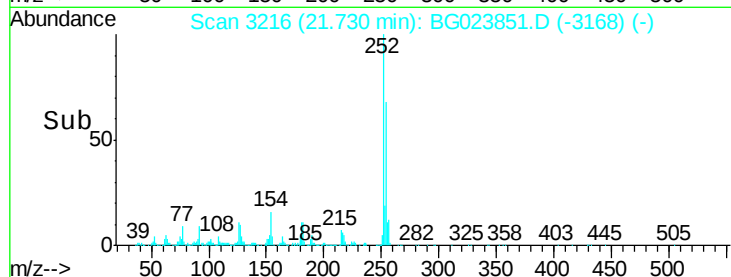
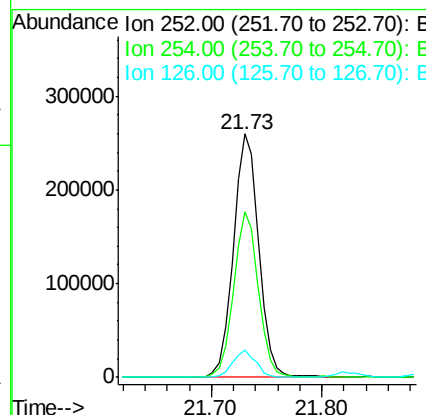
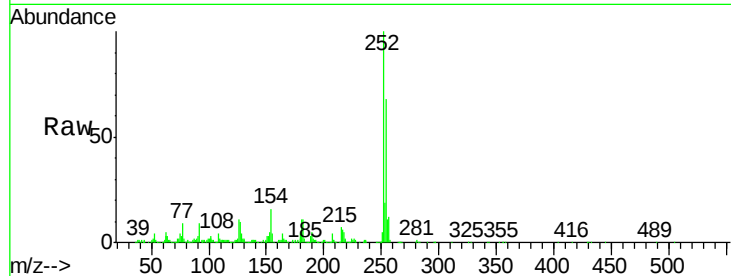




#81
 3,3'-Dichlorobenzidine
 Concen: 26.32 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.02 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

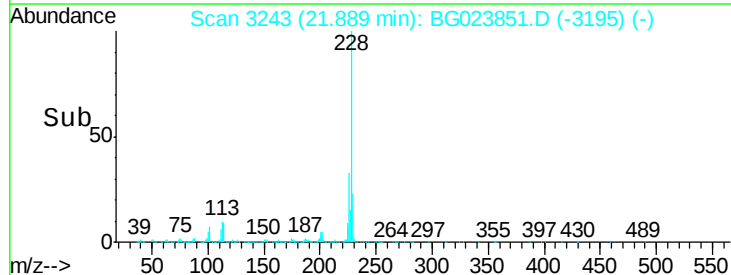
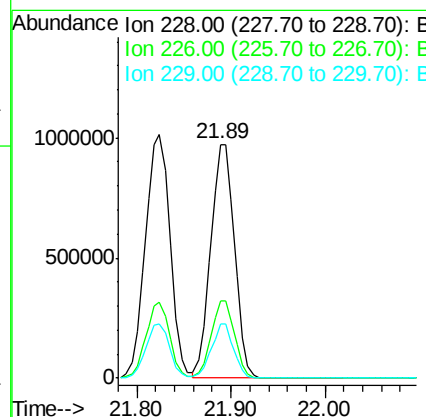
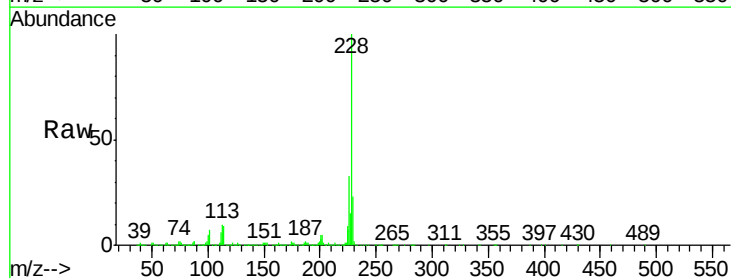
Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

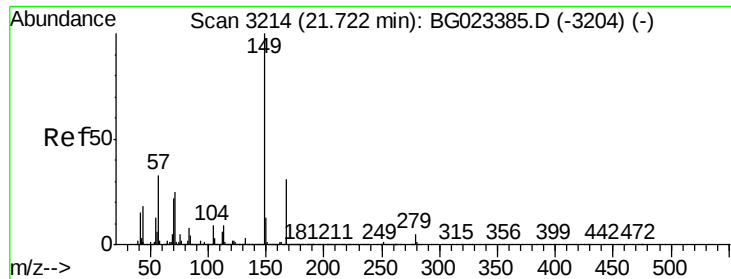
Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.1	51.2	76.8
126	11.2	5.3	7.9#



#82
 Chrysene
 Concen: 46.95 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.7	40.1
229	23.2	17.4	26.2

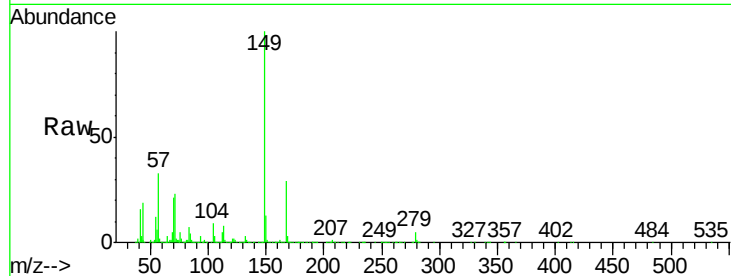




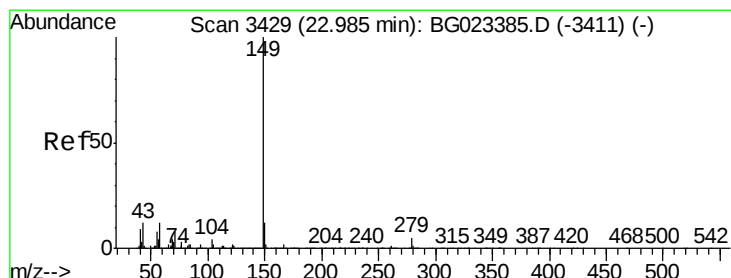
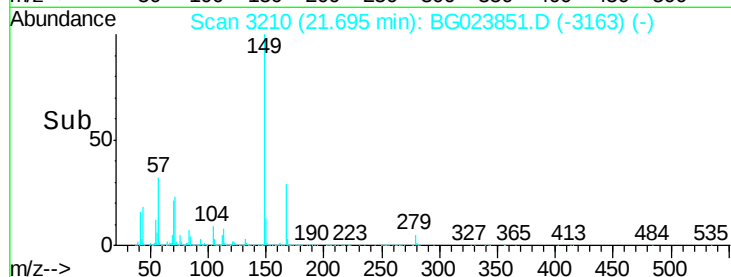
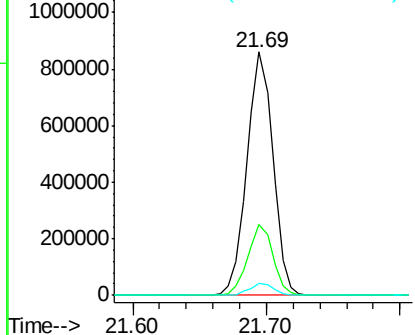
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.73 ng
 RT: 21.69 min Scan# 3210
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB93023BS

Tgt Ion:149 Resp: 1149526
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.0 36.0
 279 4.9 4.8 7.2

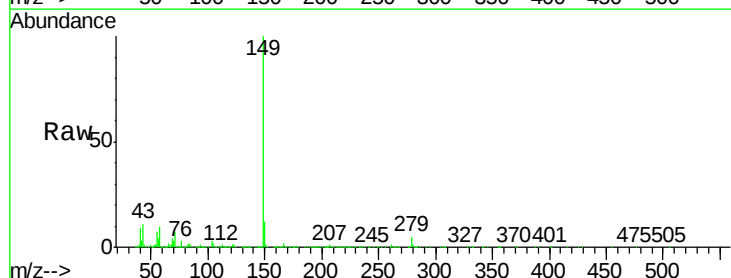


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

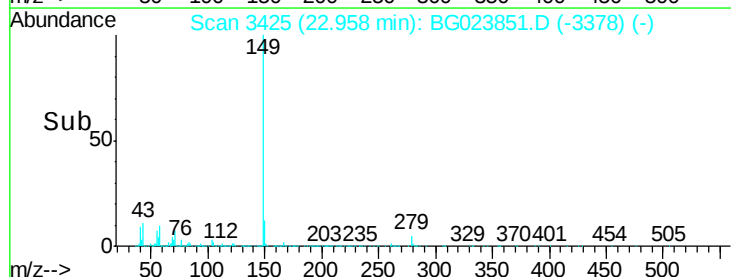
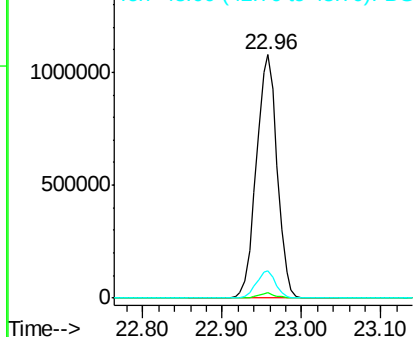


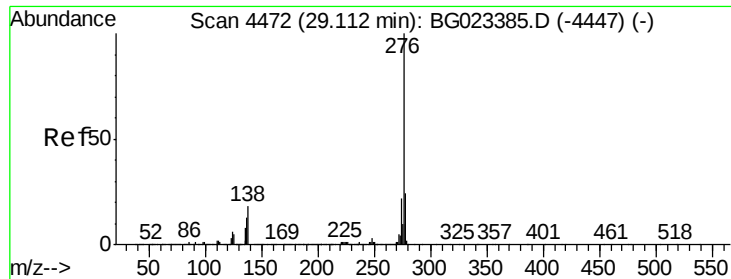
#84
 Di-n-octyl phthalate
 Concen: 49.97 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.03 min
 Lab File: BG023851.D
 Acq: 23 Aug 2016 13:45

Tgt Ion:149 Resp: 1971414
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.6 8.8 13.2



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): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.15 ng

RT: 29.11 min Scan# 4472

Delta R.T. -0.00 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

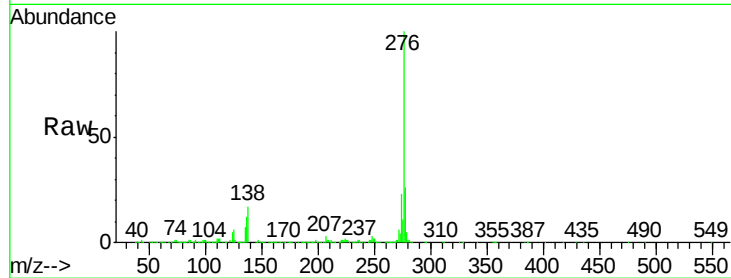
Tgt Ion:276 Resp: 2123136

Ion Ratio Lower Upper

276 100

138 21.1 0.0 0.0#

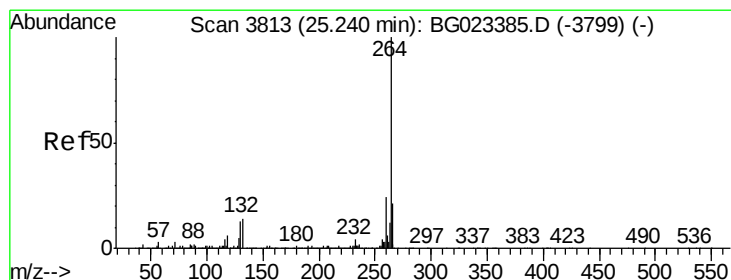
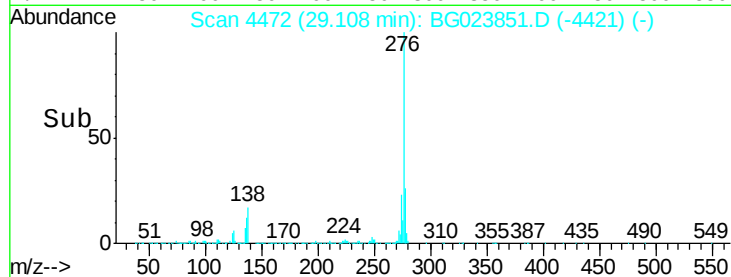
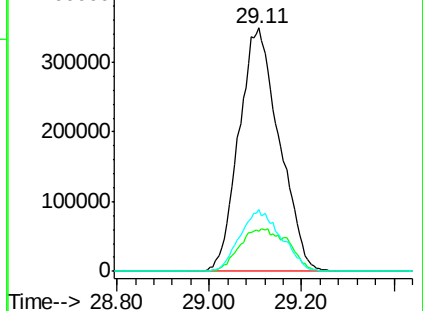
277 25.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3809

Delta R.T. -0.03 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

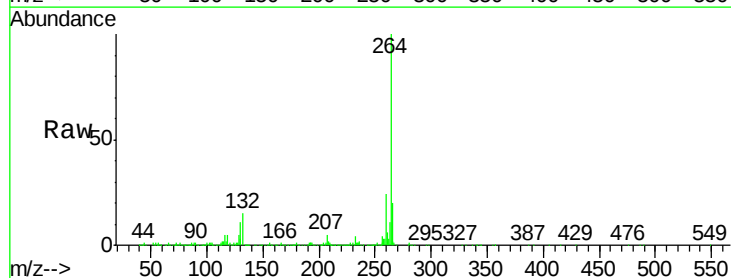
Tgt Ion:264 Resp: 702949

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

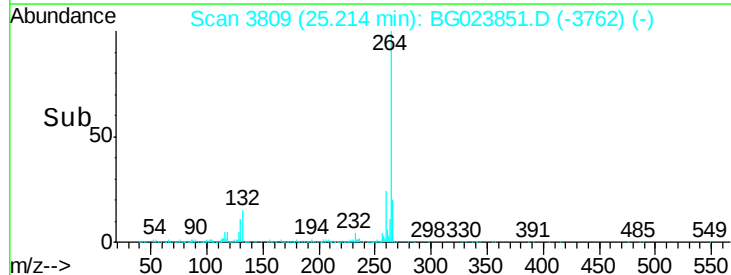
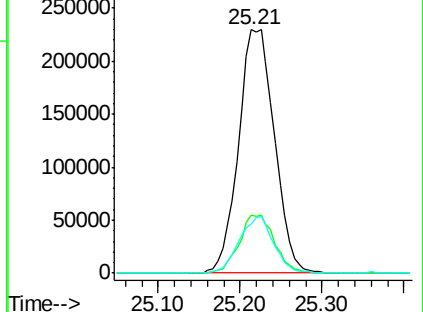
265 20.2 18.9 28.3

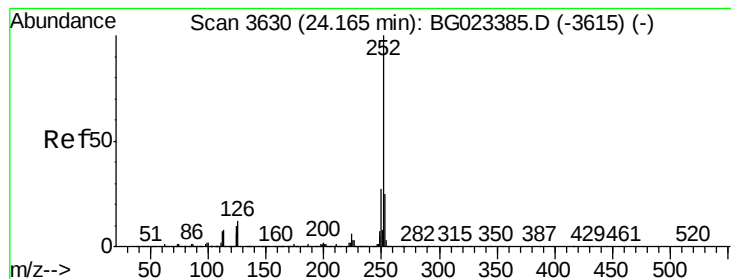


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.32 ng

RT: 24.14 min Scan# 3627

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

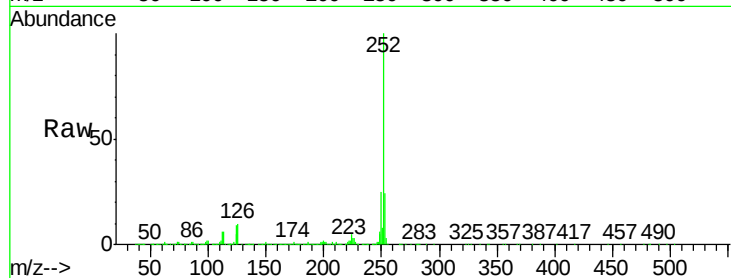
Tgt Ion:252 Resp: 1911038

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

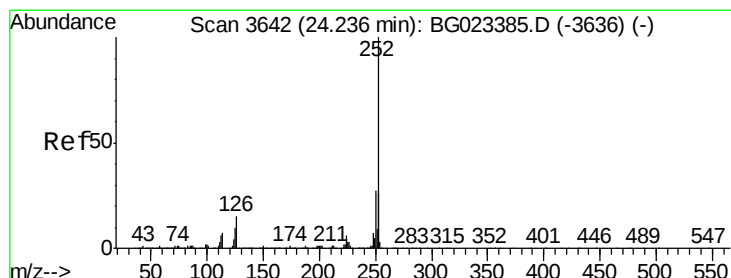
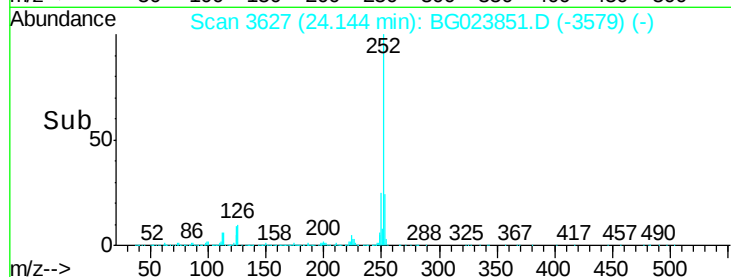
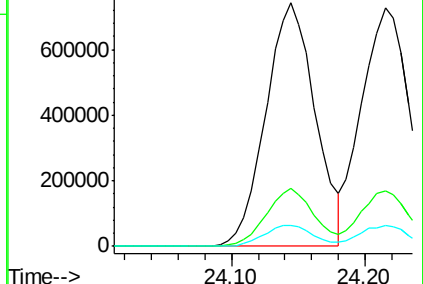
125 8.7 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.40 ng

RT: 24.21 min Scan# 3639

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

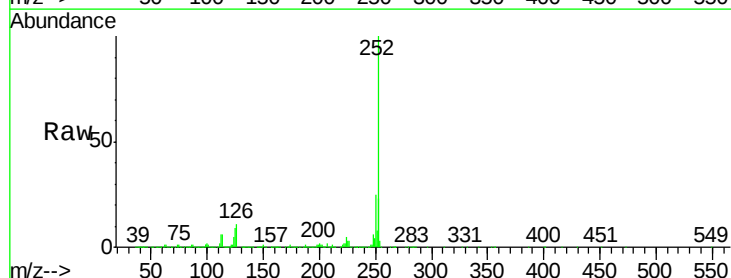
Tgt Ion:252 Resp: 1800551

Ion Ratio Lower Upper

252 100

253 23.0 18.8 28.2

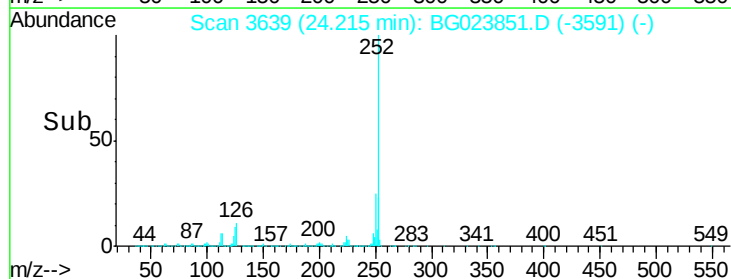
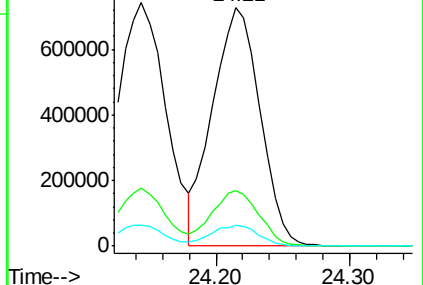
125 8.7 3.2 4.8#

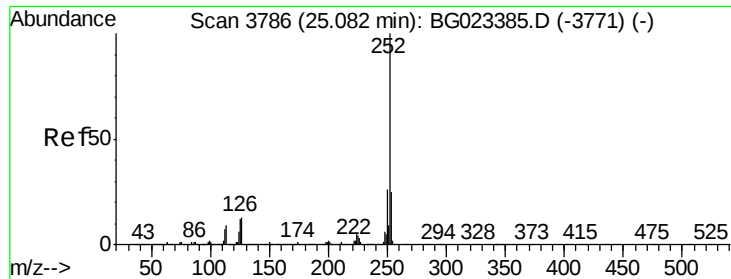


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.99 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

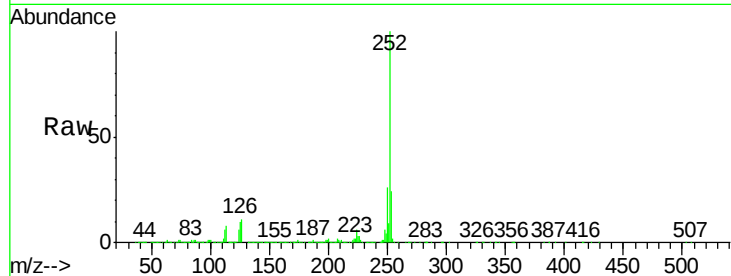
Tgt Ion:252 Resp: 1842816

Ion Ratio Lower Upper

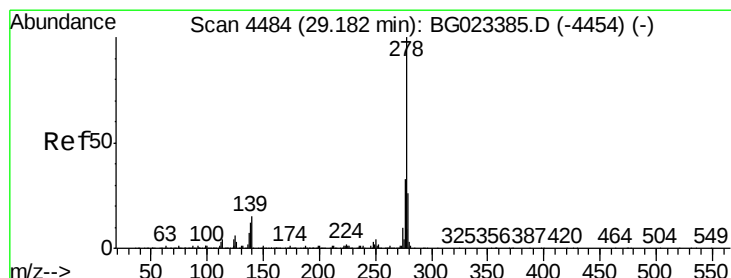
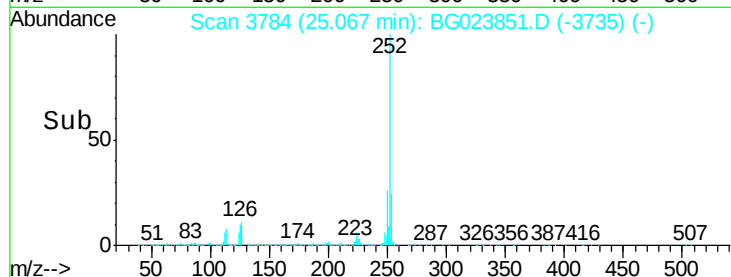
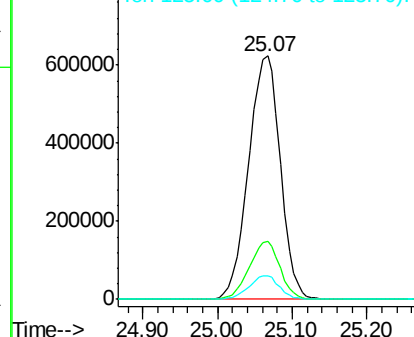
252 100

253 23.7 18.7 28.1

125 9.6 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.21 ng

RT: 29.17 min Scan# 4482

Delta R.T. -0.02 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

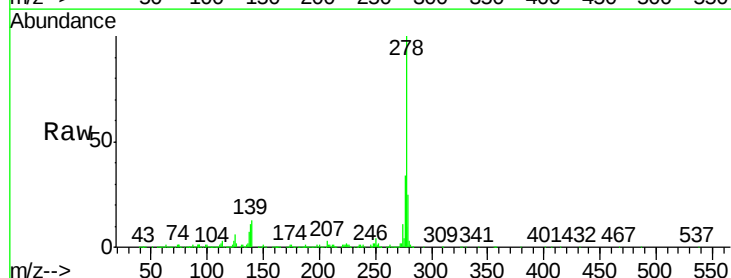
Tgt Ion:278 Resp: 1814030

Ion Ratio Lower Upper

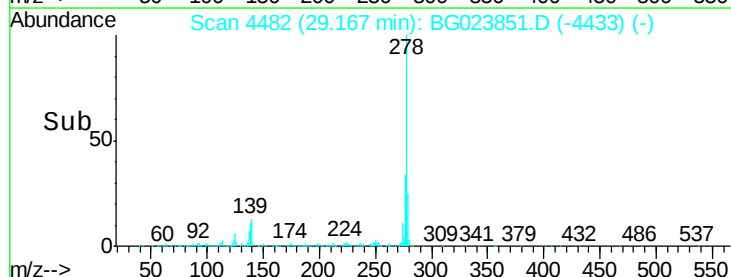
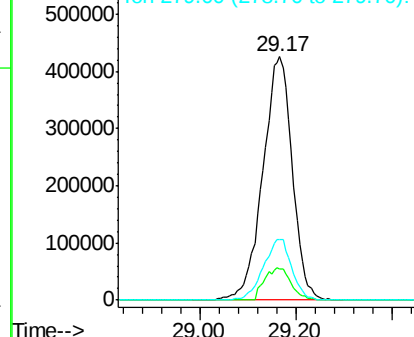
278 100

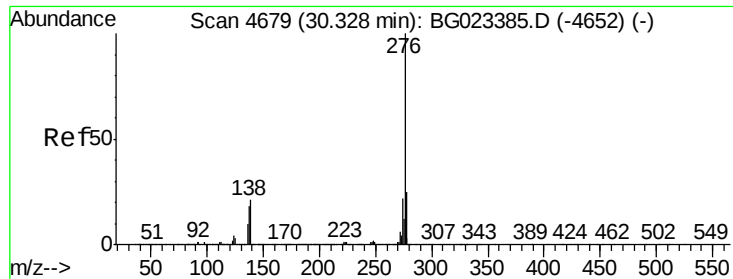
139 12.7 4.7 7.1#

279 25.1 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.84 ng

RT: 30.32 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BG023851.D

Acq: 23 Aug 2016 13:45

Instrument :

BNA_G

ClientSampleId :

PB93023BS

Tgt Ion:276 Resp: 1773617

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 18.4 6.8 10.2#

