

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082216\
 Data File : BG023839.D
 Acq On : 22 Aug 2016 18:45
 Operator : UM/SJ
 Sample : PB92989BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

Quant Time: Aug 23 00:55:12 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	110667	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	460342	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	287785	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	685561	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	796960	20.00	ng	-0.01
86) Perylene-d12	25.23	264	803169	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	740895	112.69	ng	-0.03
7) Phenol-d6	7.25	99	1029445	100.53	ng	-0.03
23) Nitrobenzene-d5	9.27	82	697333	75.31	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	410861	97.61	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1322623	77.52	ng	-0.02
78) Terphenyl-d14	20.14	244	2022912	77.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	81223	29.00	ng	93
3) Pyridine	3.90	79	269506	29.28	ng	92
4) n-Nitrosodimethylamine	3.81	42	129983	38.09	ng	# 84
6) Aniline	7.41	93	223233	15.09	ng	97
8) 2-Chlorophenol	7.66	128	263622	34.90	ng	98
9) Benzaldehyde	7.22	77	94317	13.14	ng	93
10) Phenol	7.28	94	375890	34.31	ng	86
11) bis(2-Chloroethyl)ether	7.50	93	280305	32.08	ng	92
12) 1,3-Dichlorobenzene	7.98	146	294392	34.04	ng	94
13) 1,4-Dichlorobenzene	8.13	146	290490	32.81	ng	97
14) 1,2-Dichlorobenzene	8.45	146	276611	31.85	ng	95
15) Benzyl Alcohol	8.34	79	301349	38.84	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	382082	29.73	ng	90
17) 2-Methylphenol	8.54	107	242863	33.07	ng	91
18) Hexachloroethane	9.18	117	115122	34.55	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	257313	29.21	ng	99
20) 3+4-Methylphenols	8.88	107	337834	32.63	ng	92
22) Acetophenone	8.92	105	382830	30.37	ng	# 95
24) Nitrobenzene	9.32	77	381774	37.23	ng	91
25) Isophorone	9.83	82	653211	33.87	ng	# 94
26) 2-Nitrophenol	10.03	139	155172	35.86	ng	# 82
27) 2,4-Dimethylphenol	10.09	122	257718	34.97	ng	89
28) bis(2-Chloroethoxy)methane	10.32	93	378894	32.68	ng	98
29) 2,4-Dichlorophenol	10.58	162	277834	37.50	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	285142	35.68	ng	95
31) Naphthalene	10.98	128	814189	34.73	ng	100
32) Benzoic acid	10.22	122	99029	19.08	ng	95
33) 4-Chloroaniline	11.10	127	93915	8.38	ng	95
34) Hexachlorobutadiene	11.25	225	195262	37.16	ng	94
35) Caprolactam	11.87	113	91412	29.32	ng	# 91
36) 4-Chloro-3-methylphenol	12.22	107	319791	32.85	ng	91
37) 2-Methylnaphthalene	12.81	142	552833	31.02	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	291401	27.92	ng	99
40) Hexachlorocyclopentadiene	12.92	237	283528	53.88	ng	99

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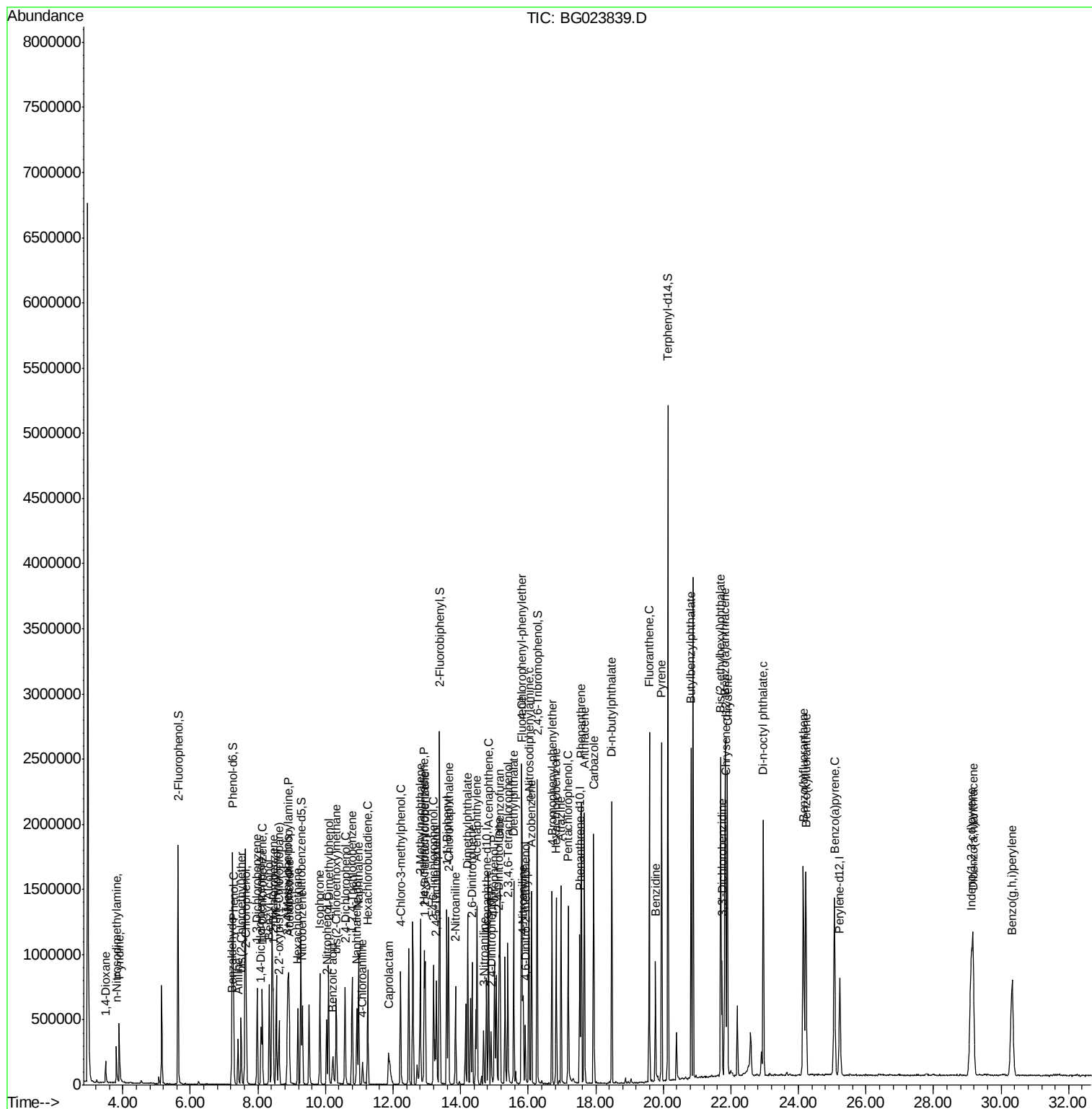
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42) 2,4,6-Trichlorophenol	13.19	196	218946	35.22	ng	97
43) 2,4,5-Trichlorophenol	13.28	196	226238	35.35	ng	89
45) 1,1'-Biphenyl	13.59	154	687398	31.25	ng	98
46) 2-Chloronaphthalene	13.64	162	609829	35.83	ng	97
47) 2-Nitroaniline	13.85	65	244802	34.64	ng	87
48) Acenaphthylene	14.49	152	954042	35.46	ng	100
49) Dimethylphthalate	14.21	163	796193	36.06	ng	98
50) 2,6-Dinitrotoluene	14.34	165	174705	33.41	ng	91
51) Acenaphthene	14.83	154	597710	35.07	ng	98
52) 3-Nitroaniline	14.68	138	95528	16.20	ng	81
53) 2,4-Dinitrophenol	14.90	184	97993	29.24	ng	96
54) Dibenzofuran	15.16	168	956795	38.67	ng	96
55) 4-Nitrophenol	15.00	139	268958	58.08	ng	# 82
56) 2,4-Dinitrotoluene	15.14	165	259445	35.35	ng	90
57) Fluorene	15.82	166	779758	36.11	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	220312	37.51	ng	95
59) Diethylphthalate	15.57	149	812505	36.25	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	396723	34.72	ng	98
61) 4-Nitroaniline	15.85	138	179104	28.53	ng	# 72
62) Azobenzene	16.10	77	899481	39.59	ng	92
64) 4,6-Dinitro-2-methylphenol	15.91	198	102437	21.98	ng	93
65) n-Nitrosodiphenylamine	16.02	169	700263	34.82	ng	96
66) 4-Bromophenyl-phenylether	16.71	248	276148	34.56	ng	96
67) Hexachlorobenzene	16.83	284	294299	33.67	ng	95
68) Atrazine	16.97	200	286789	37.14	ng	95
69) Pentachlorophenol	17.18	266	276013	54.16	ng	96
70) Phenanthrene	17.57	178	1271370	36.55	ng	98
71) Anthracene	17.67	178	1308308	37.39	ng	98
72) Carbazole	17.94	167	1203014	39.16	ng	98
73) Di-n-butylphthalate	18.48	149	1423941	45.85	ng	97
74) Fluoranthene	19.59	202	1575864	48.92	ng	95
76) Benzidine	19.77	184	560643	25.31	ng	98
77) Pyrene	19.95	202	1591338	32.89	ng	96
79) Butylbenzylphthalate	20.82	149	725281	37.79	ng	96
80) Benzo(a)anthracene	21.82	228	1600674	36.38	ng	95
81) 3,3'-Dichlorobenzidine	21.74	252	310671	17.22	ng	# 99
82) Chrysene	21.89	228	1495579	35.73	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	981379	37.34	ng	# 99
84) Di-n-octyl phthalate	22.96	149	1682140	37.50	ng	98
85) Indeno(1,2,3-cd)pyrene	29.11	276	1840313	35.19	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	1611146	35.65	ng	# 97
88) Benzo(k)fluoranthene	24.22	252	1585105	36.52	ng	# 98
89) Benzo(a)pyrene	25.07	252	1570513	36.54	ng	# 97
90) Dibenzo(a,h)anthracene	29.17	278	1575249	35.88	ng	# 93
91) Benzo(g,h,i)perylene	30.33	276	1510283	34.16	ng	# 90

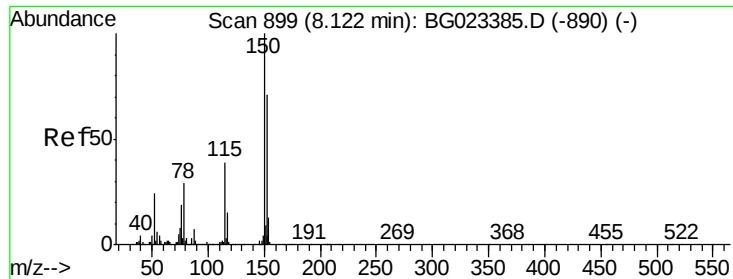
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

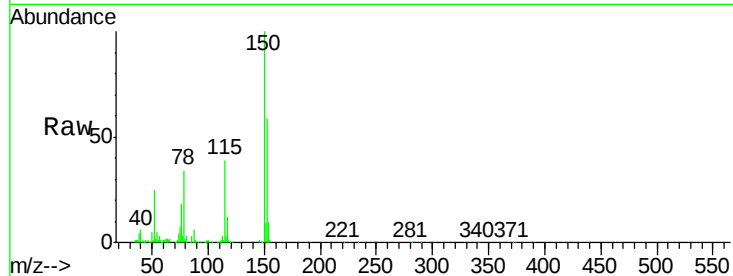
Tgt Ion:152 Resp: 110667

Ion Ratio Lower Upper

152 100

150 168.8 144.7 217.1

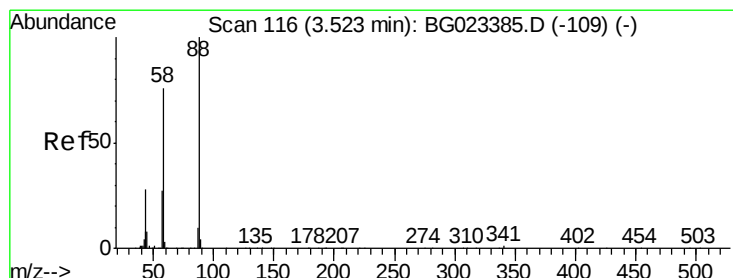
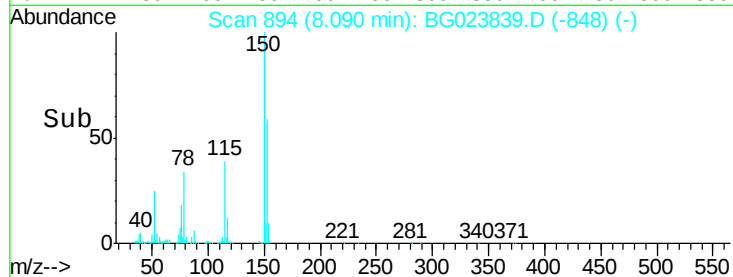
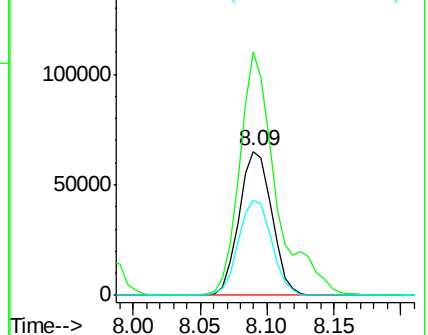
115 65.9 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.00 ng

RT: 3.49 min Scan# 111

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

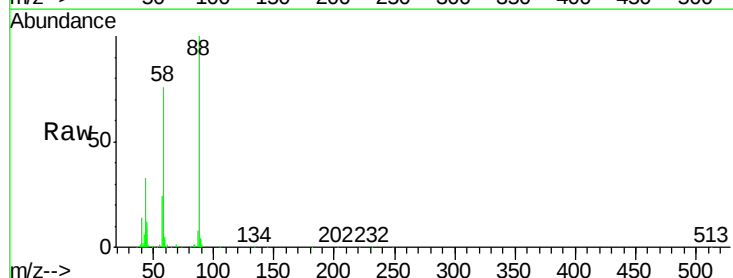
Tgt Ion: 88 Resp: 81223

Ion Ratio Lower Upper

88 100

58 80.5 60.4 90.6

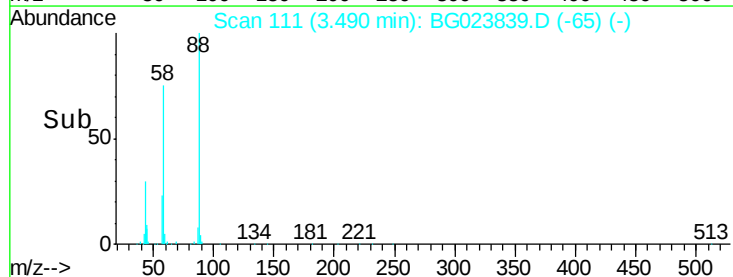
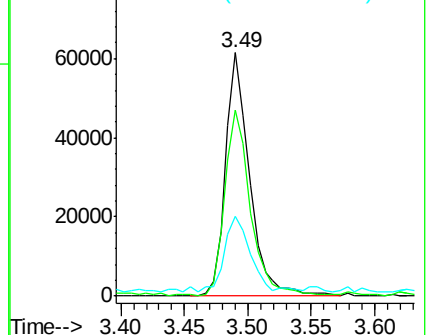
43 32.7 31.1 46.7

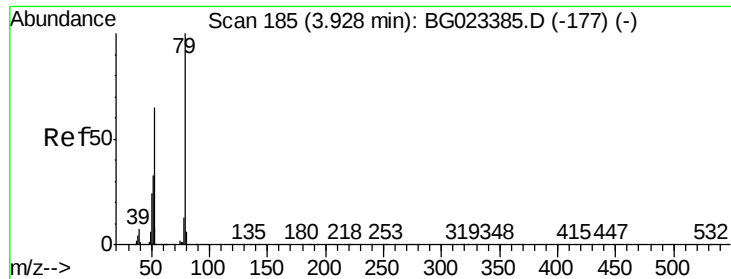


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.28 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

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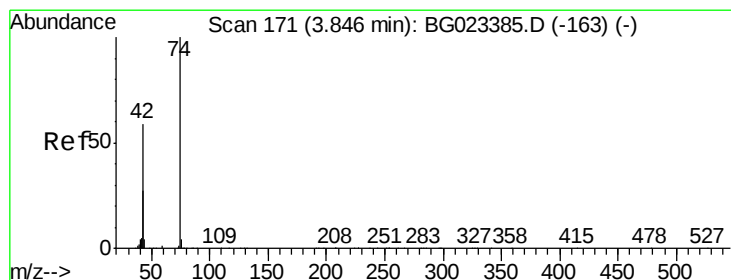
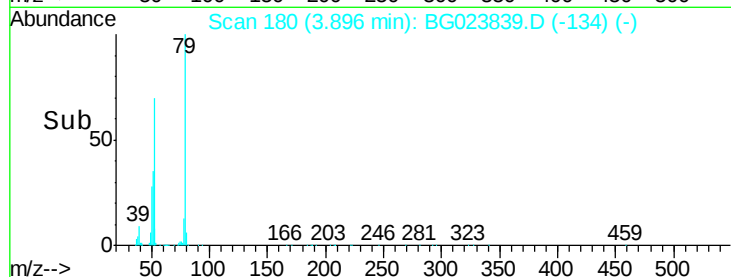
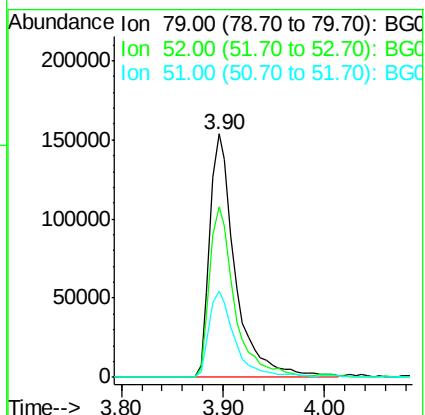
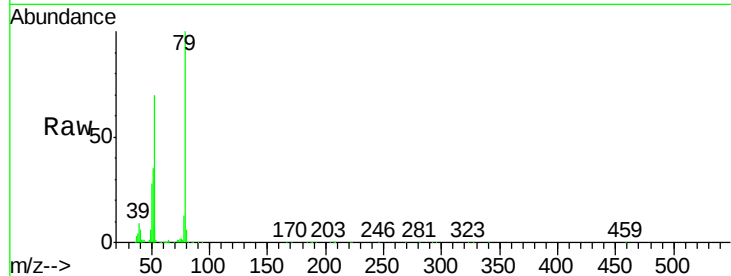
Tgt Ion: 79 Resp: 269506

Ion Ratio Lower Upper

79 100

52 70.3 51.8 77.8

51 35.4 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 38.09 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

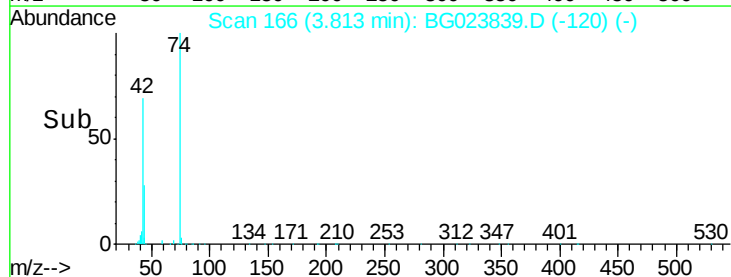
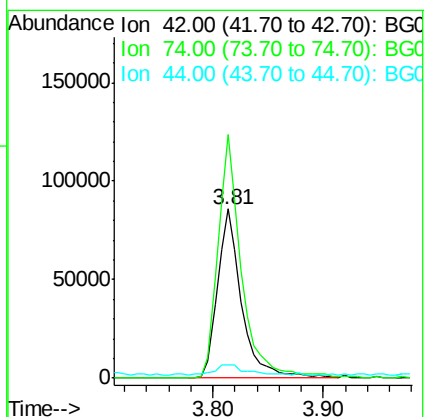
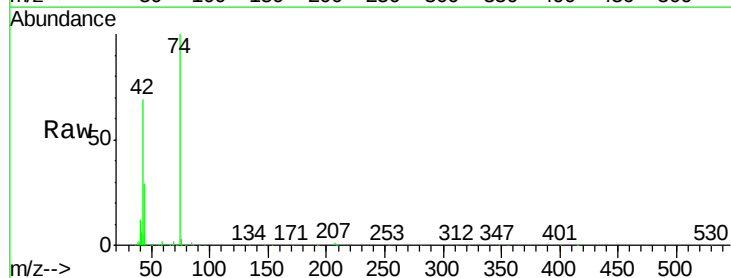
Tgt Ion: 42 Resp: 129983

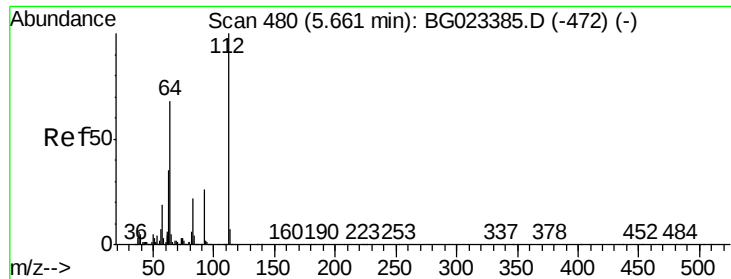
Ion Ratio Lower Upper

42 100

74 144.2 100.6 150.8

44 7.5 4.5 6.7#





#5

2-Fluorophenol

Concen: 112.69 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

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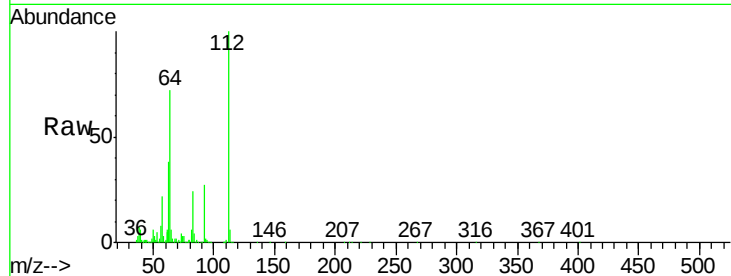
Tgt Ion: 112 Resp: 740895

Ion Ratio Lower Upper

112 100

64 71.9 59.0 88.4

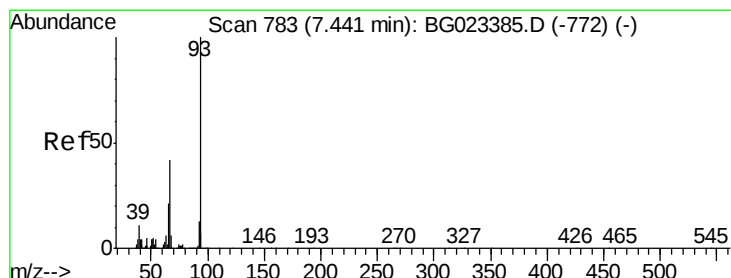
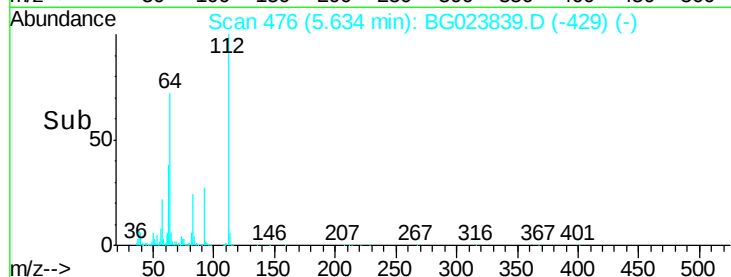
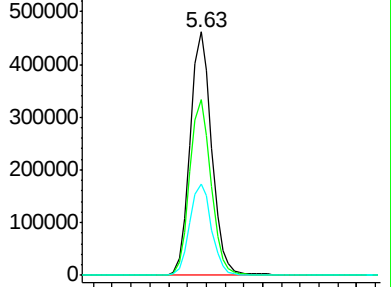
63 37.7 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.09 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

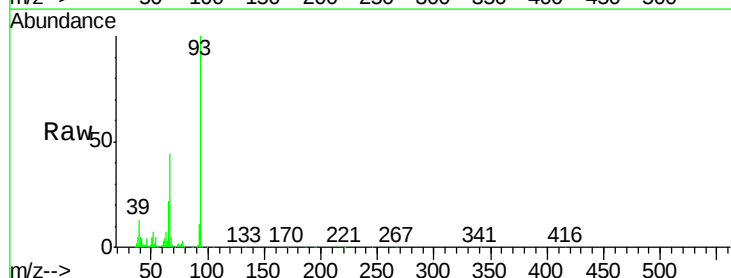
Tgt Ion: 93 Resp: 223233

Ion Ratio Lower Upper

93 100

66 44.0 37.5 56.3

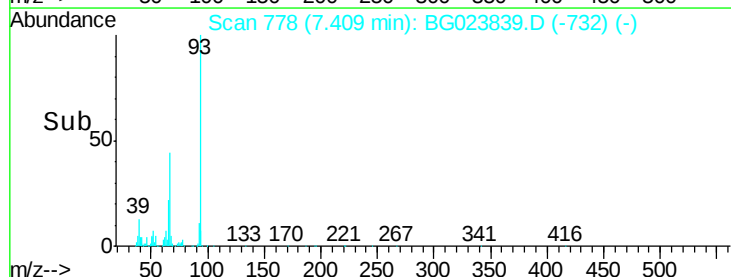
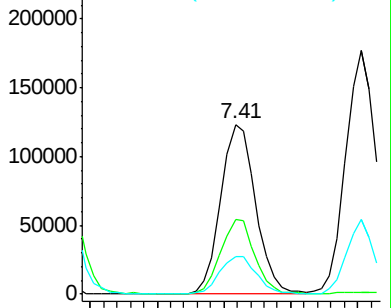
65 22.3 17.9 26.9

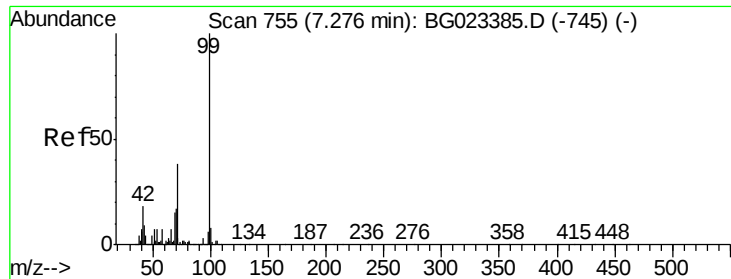


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.53 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

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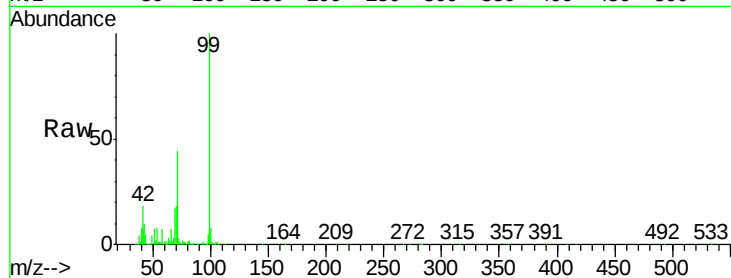
Tgt Ion: 99 Resp: 1029445

Ion Ratio Lower Upper

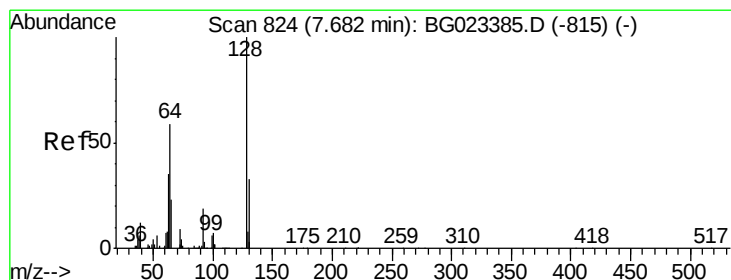
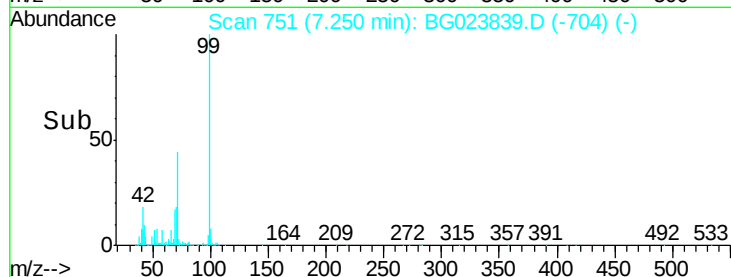
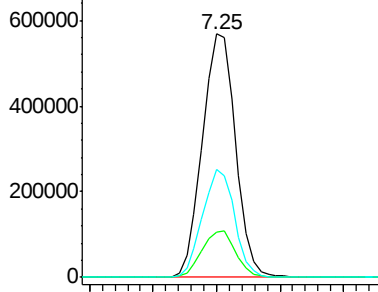
99 100

42 18.4 17.8 26.6

71 44.1 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: 34.90 ng

RT: 7.66 min Scan# 820

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

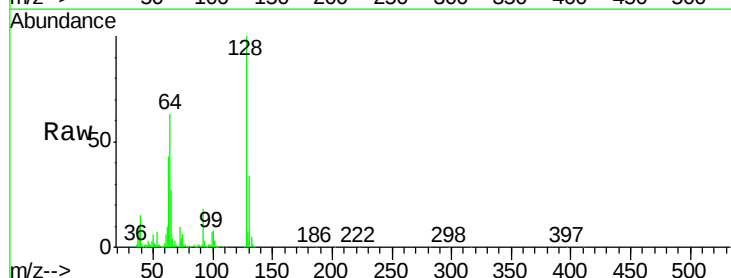
Tgt Ion: 128 Resp: 263622

Ion Ratio Lower Upper

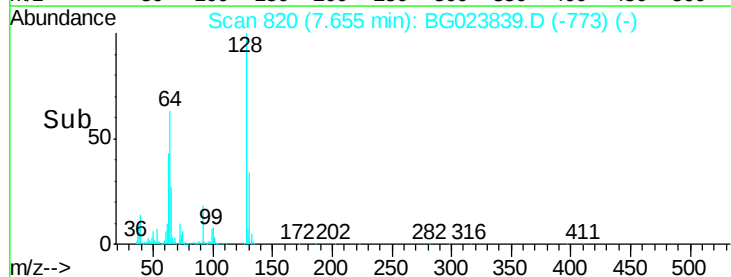
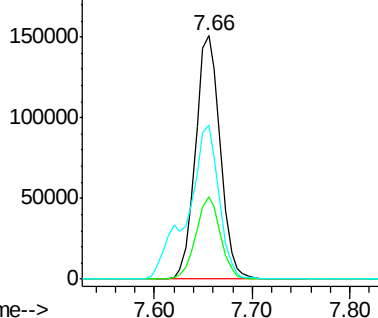
128 100

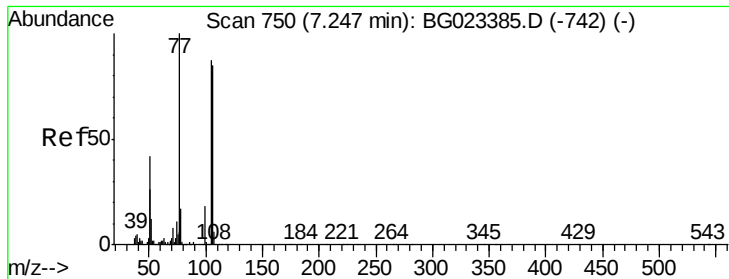
130 34.0 12.9 52.9

64 63.1 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: 13.14 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

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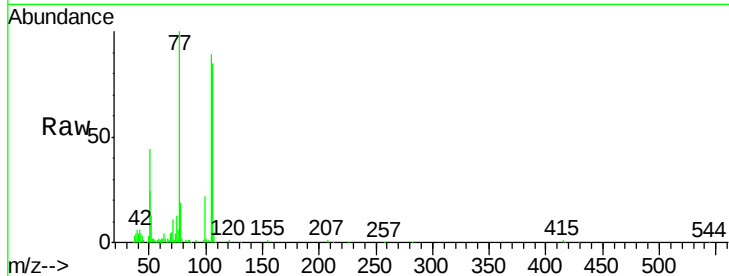
Tgt Ion: 77 Resp: 94317

Ion Ratio Lower Upper

77 100

105 88.6 58.7 98.7

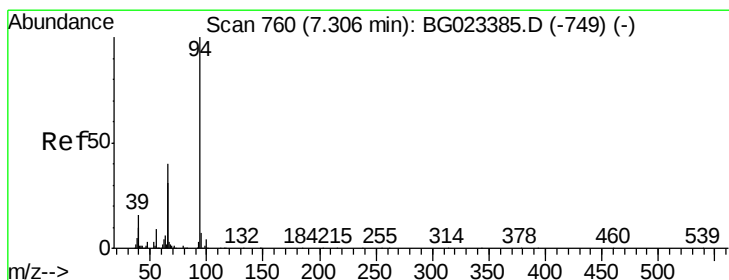
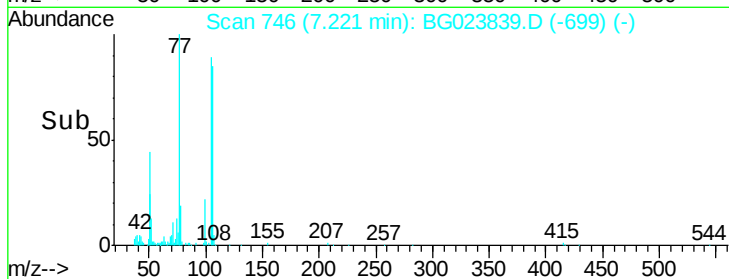
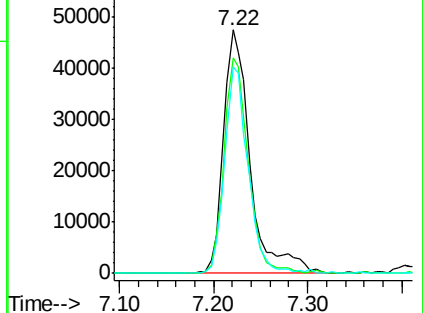
106 84.8 67.5 107.5



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: 34.31 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

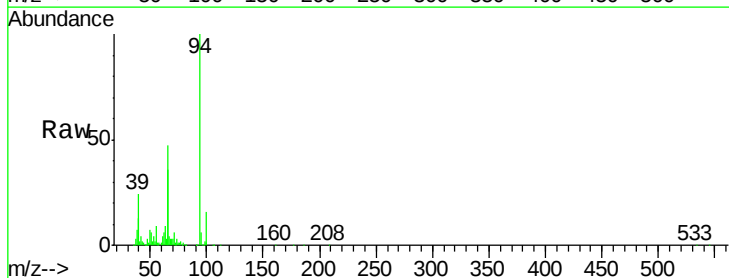
Tgt Ion: 94 Resp: 375890

Ion Ratio Lower Upper

94 100

65 35.6 18.1 58.1

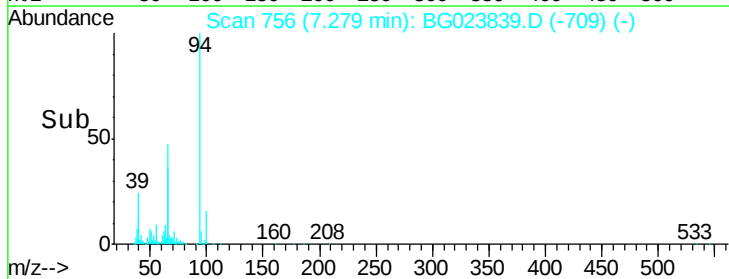
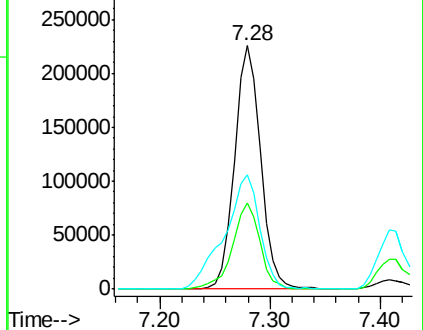
66 47.2 42.1 82.1



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

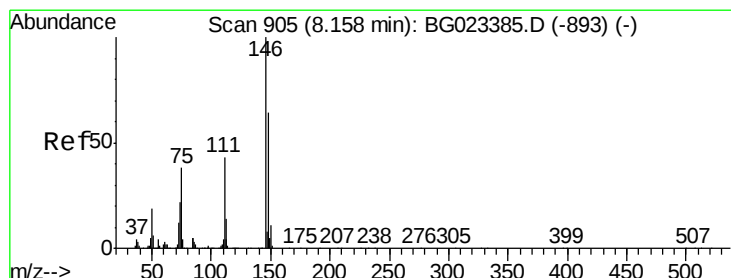
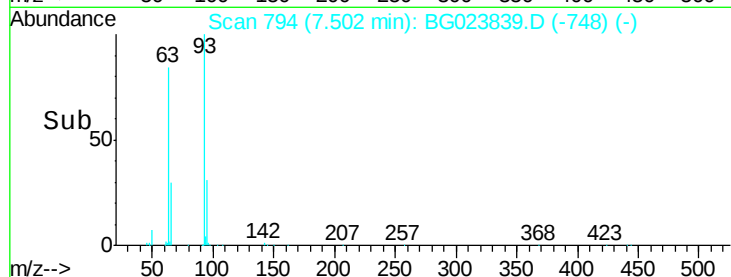
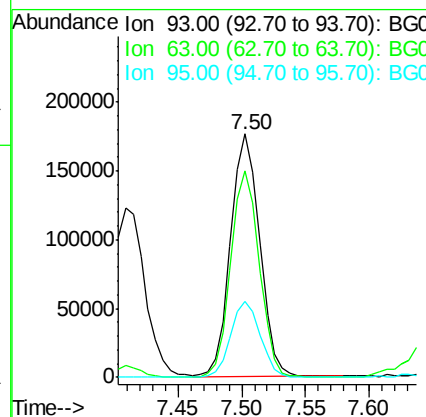
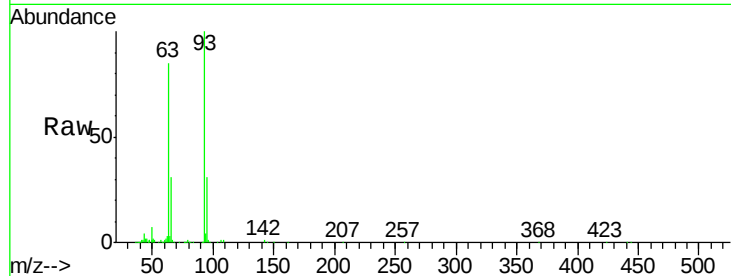




#11
bis(2-Chloroethyl)ether
Concen: 32.08 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.03 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

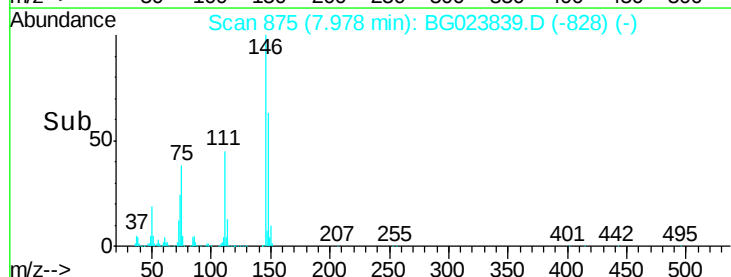
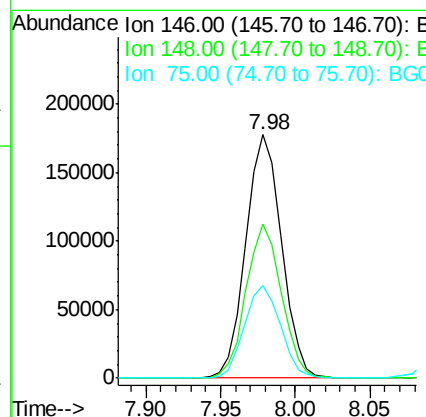
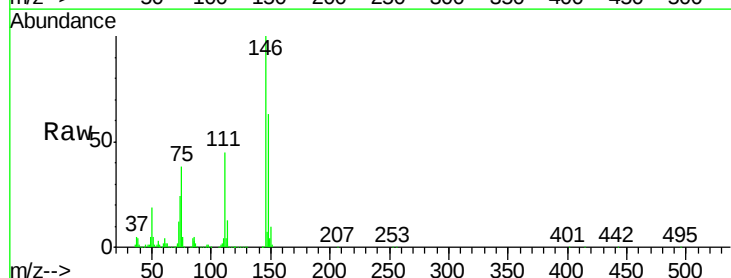
Instrument :
BNA_G
ClientSampleId :
PB92989BS

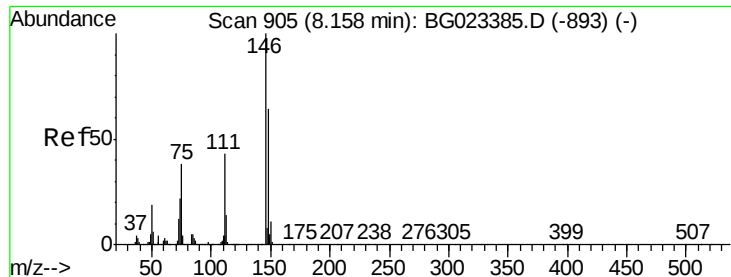
Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.9	55.0	95.0
95	31.0	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 34.04 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.03 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
75	38.0	37.0	55.6

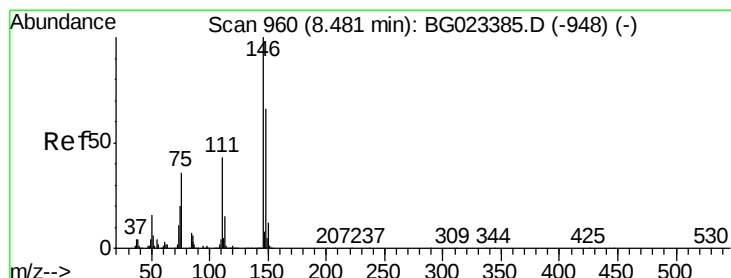
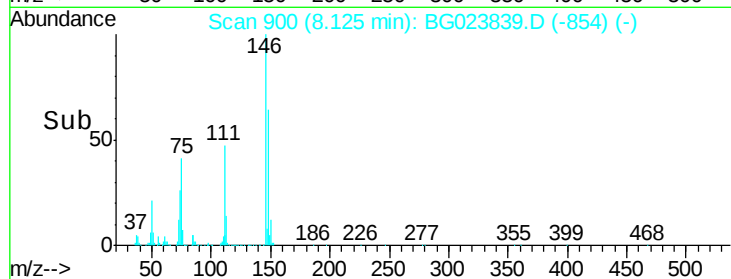
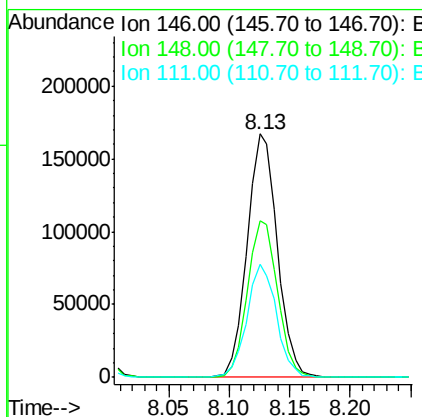
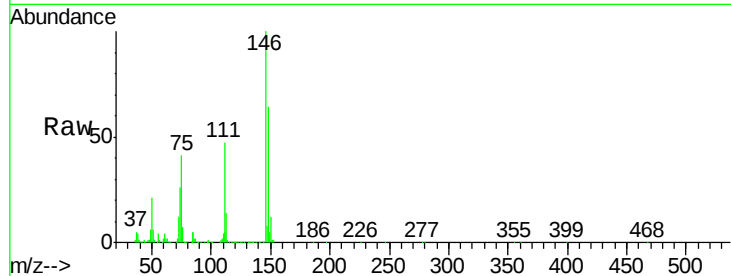




#13
 1,4-Dichlorobenzene
 Concen: 32.81 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

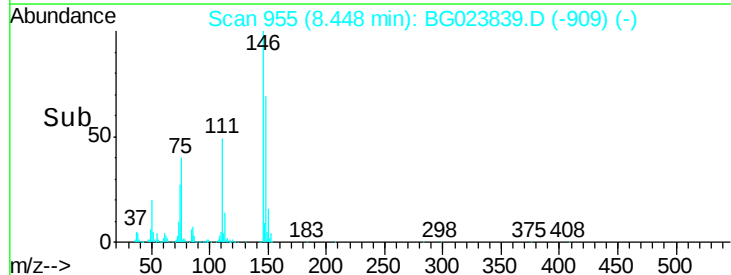
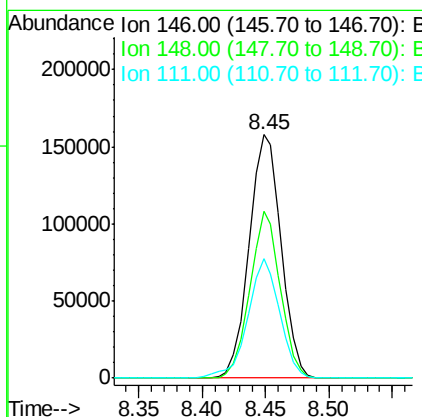
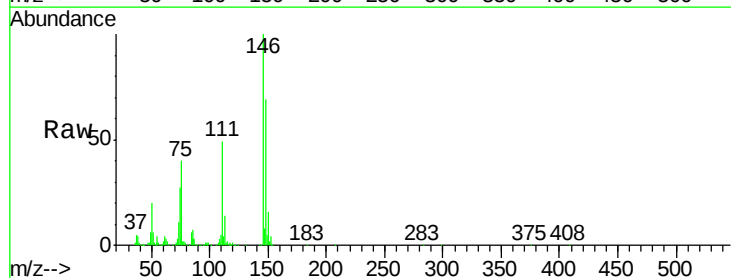
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

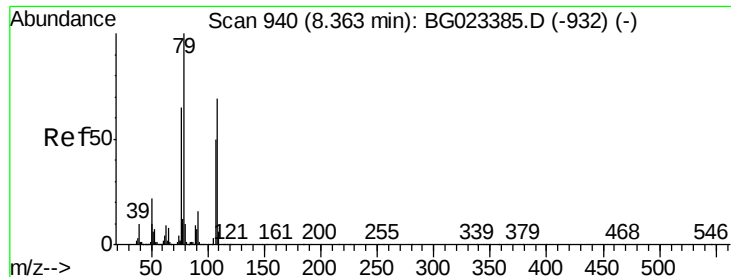
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	54.5	81.7
111	46.5	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 31.85 ng
 RT: 8.45 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	52.9	79.3
111	49.2	43.5	65.3





#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

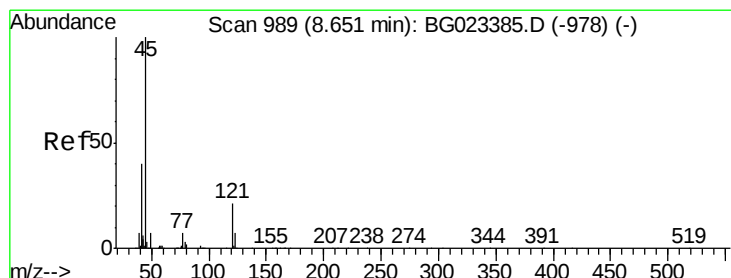
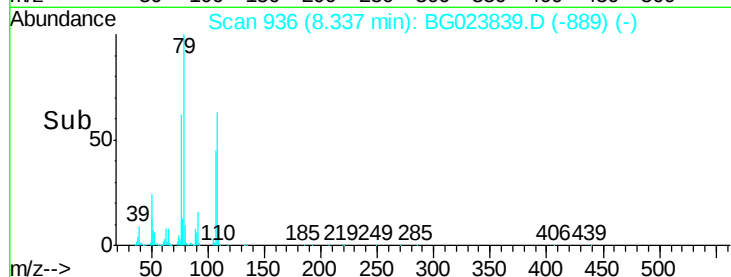
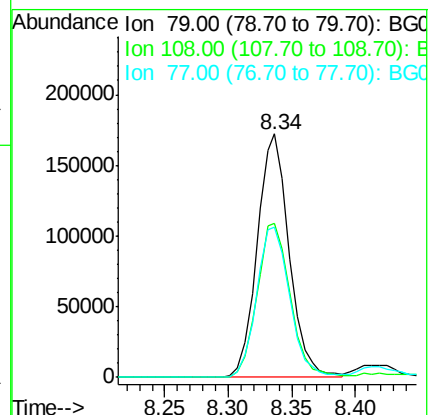
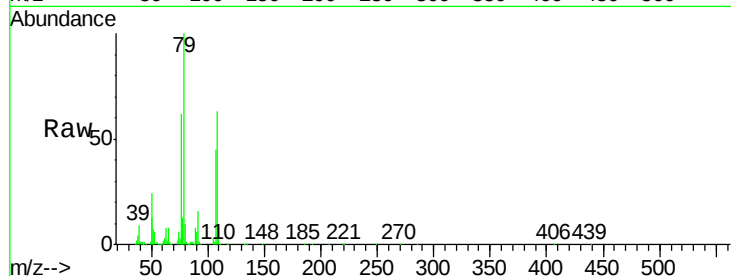
Tgt Ion: 79 Resp: 301349

Ion Ratio Lower Upper

79 100

108 63.1 46.5 69.7

77 61.8 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.73 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

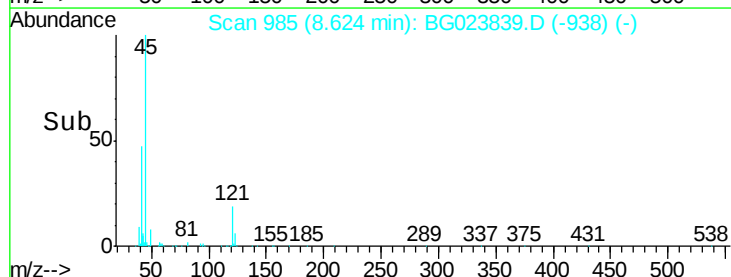
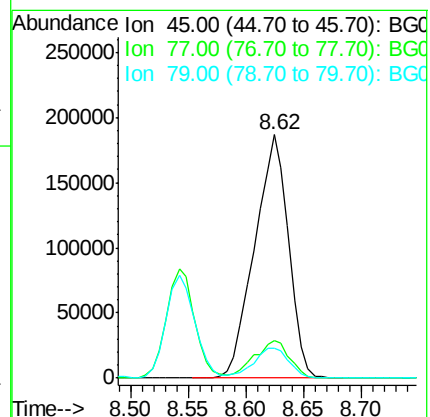
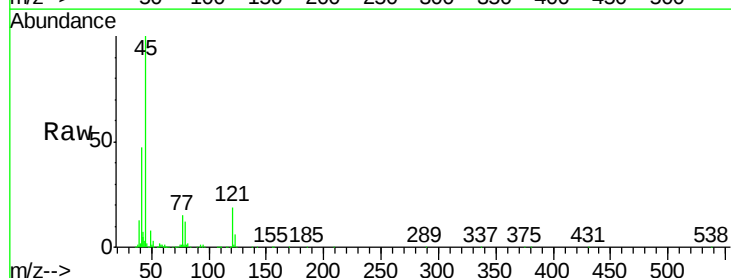
Tgt Ion: 45 Resp: 382082

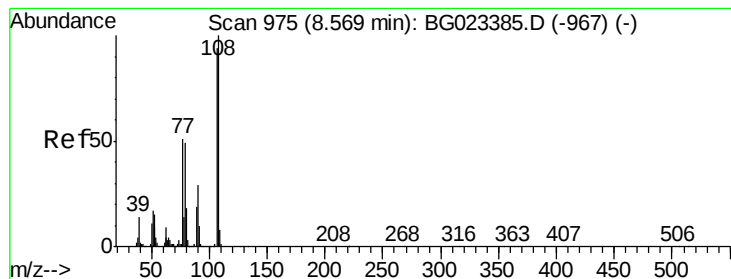
Ion Ratio Lower Upper

45 100

77 15.3 0.6 40.6

79 12.3 0.0 36.2





#17

2-Methylphenol

Concen: 33.07 ng

RT: 8.54 min Scan# 971

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

Tgt Ion:107 Resp: 242863

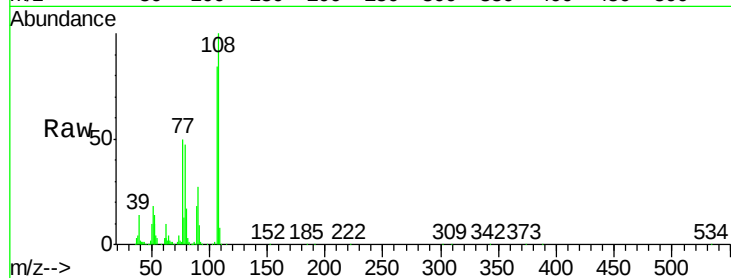
Ion Ratio Lower Upper

107 100

108 119.3 92.0 138.0

77 60.2 55.8 83.6

79 56.4 55.0 82.6

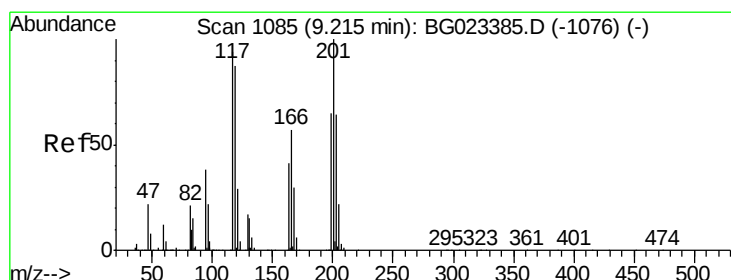
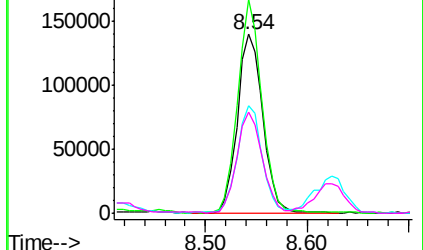
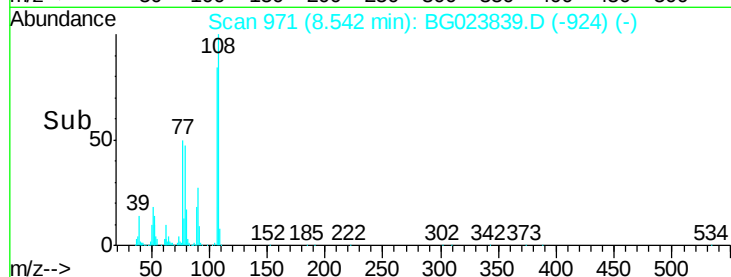


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.55 ng

RT: 9.18 min Scan# 1080

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

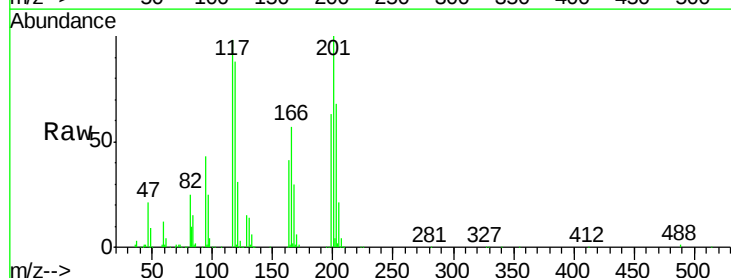
Tgt Ion:117 Resp: 115122

Ion Ratio Lower Upper

117 100

119 89.5 73.7 110.5

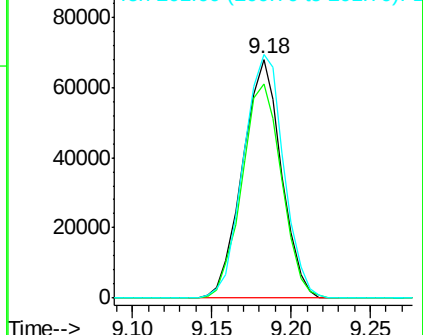
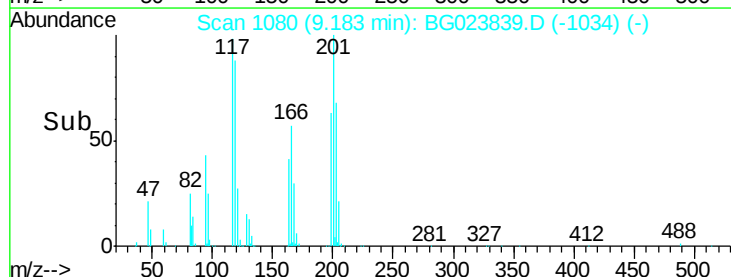
201 101.8 88.7 133.1

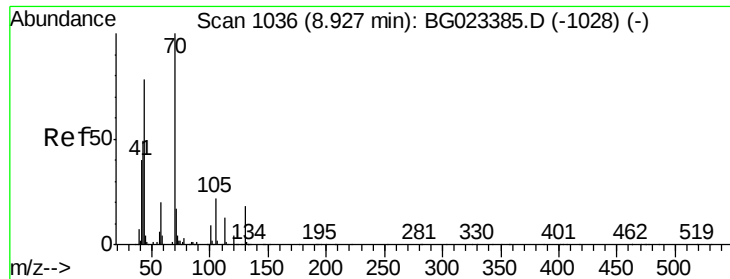


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

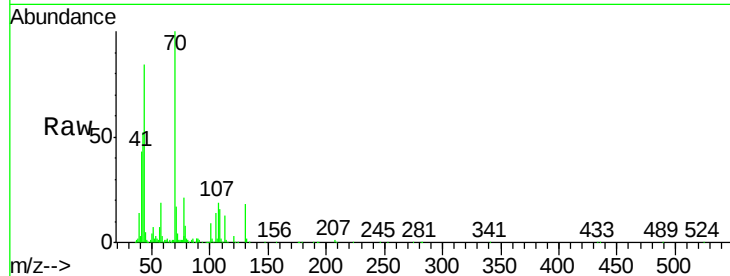




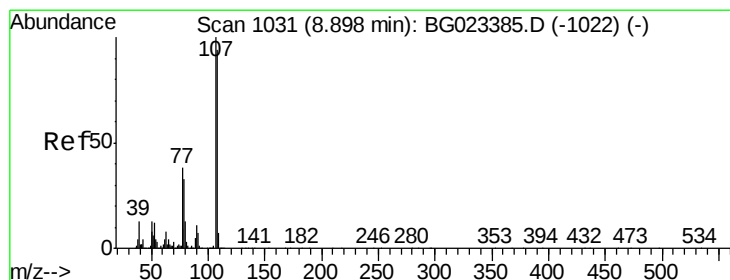
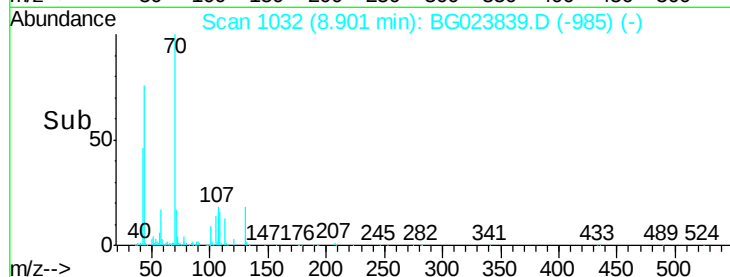
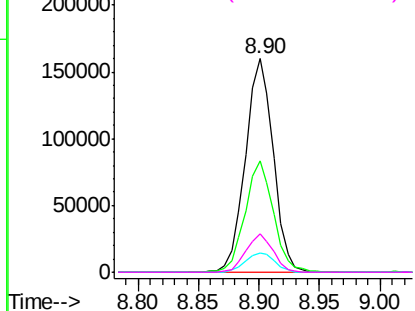
#19
n-Nitroso-di-n-propylamine
Concen: 29.21 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Instrument :
BNA_G
ClientSampleId :
PB92989BS

Tgt Ion:	70	Resp:	257313
Ion	Ratio	Lower	Upper
70	100		
42	52.1	42.1	63.1
101	8.9	7.2	10.8
130	17.9	14.2	21.2

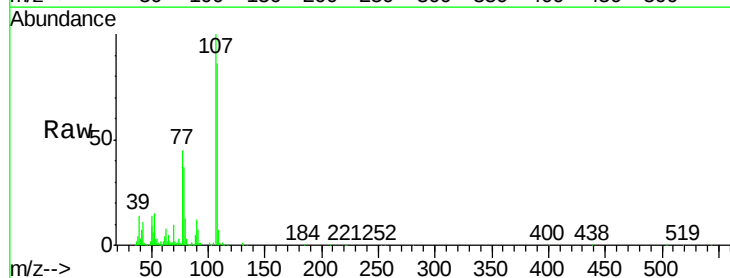


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

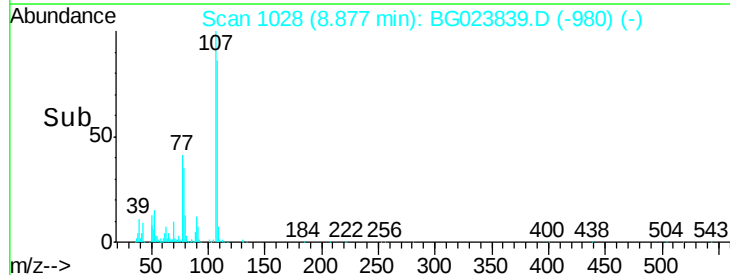
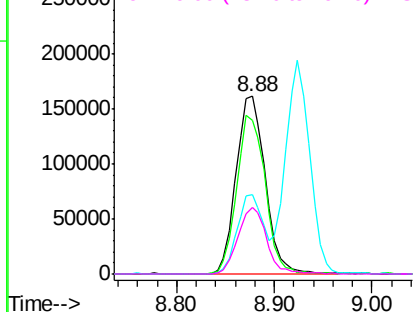


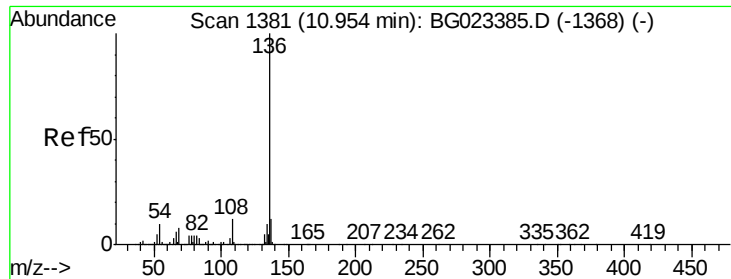
#20
3+4-Methylphenols
Concen: 32.63 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion:	107	Resp:	337834
Ion	Ratio	Lower	Upper
107	100		
108	86.3	72.5	112.5
77	44.9	30.1	70.1
79	37.4	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

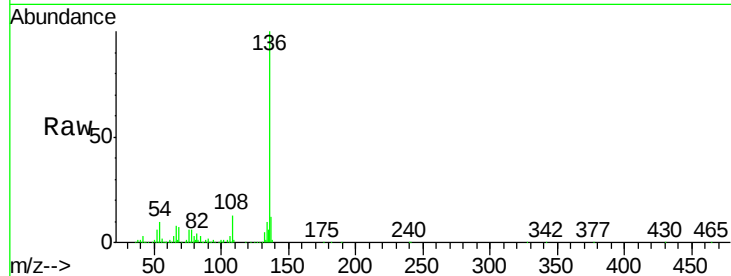




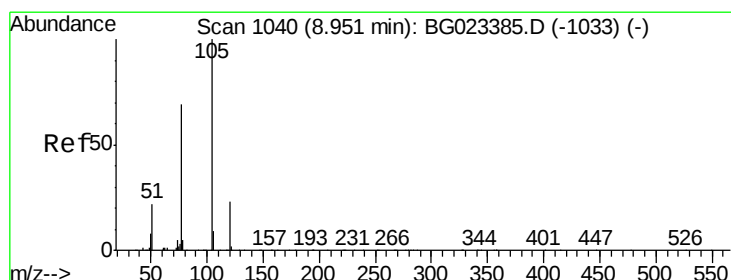
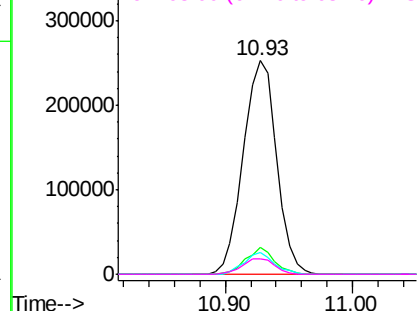
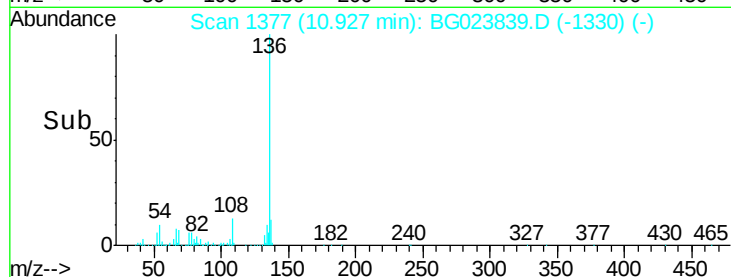
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Instrument :
BNA_G
ClientSampleId :
PB92989BS

Tgt Ion:	136	Resp:	460342
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	10.1	7.3	10.9
68	7.0	5.3	7.9

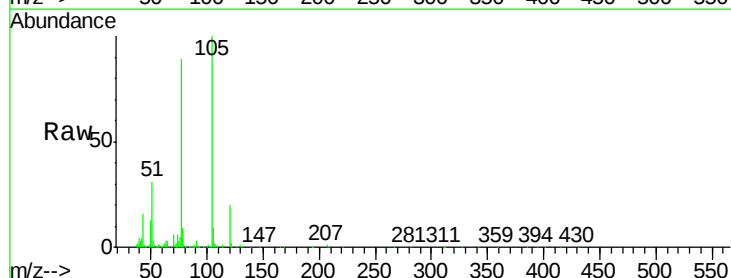


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

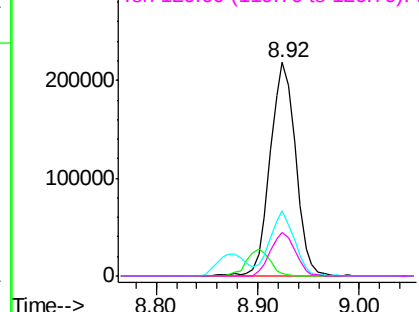
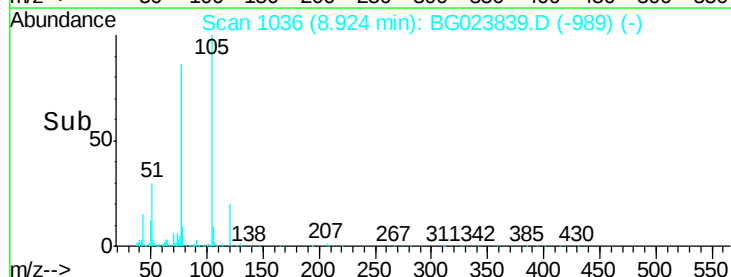


#22
Acetophenone
Concen: 30.37 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion:	105	Resp:	382830
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.6	3.8#
51	30.6	27.1	40.7
120	20.1	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

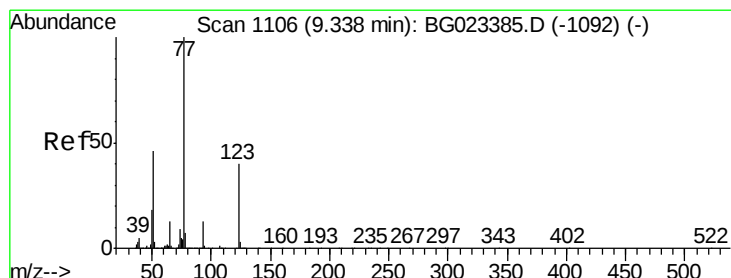
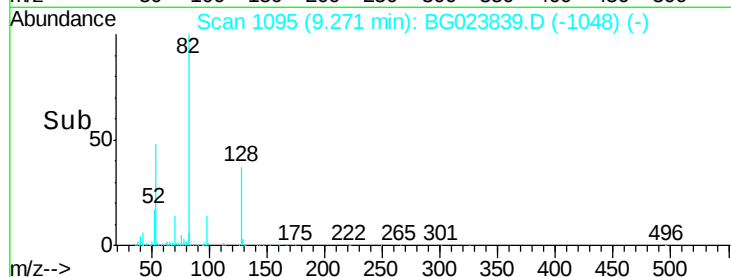
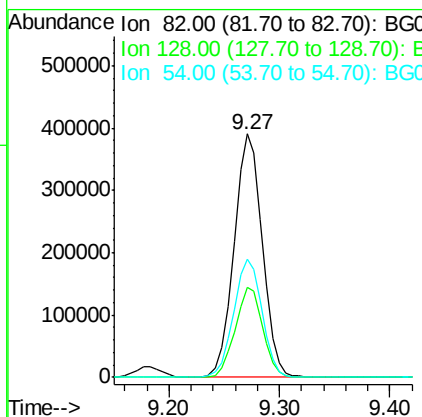
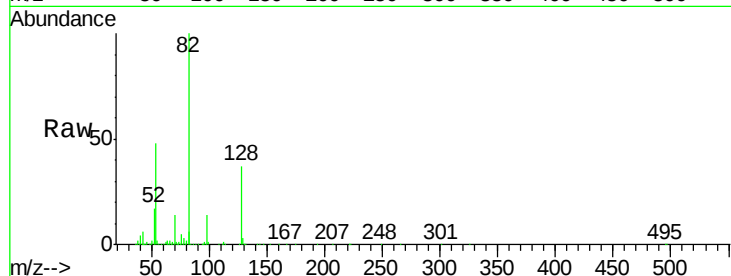




#23
 Nitrobenzene-d5
 Concen: 75.31 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

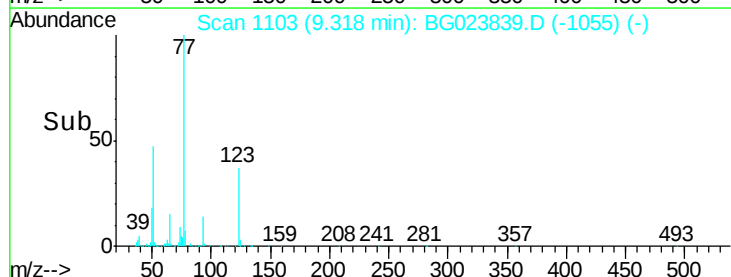
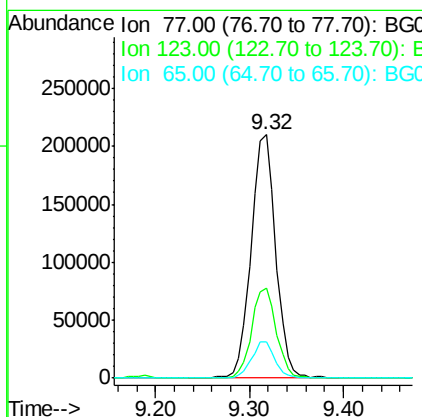
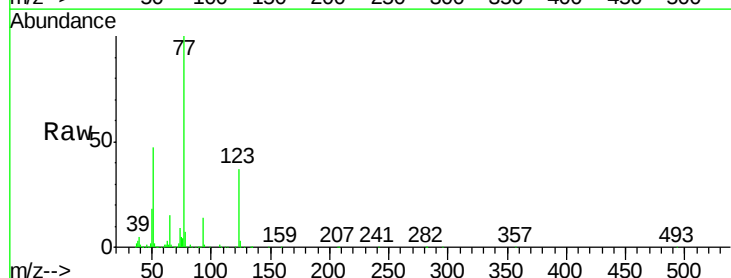
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

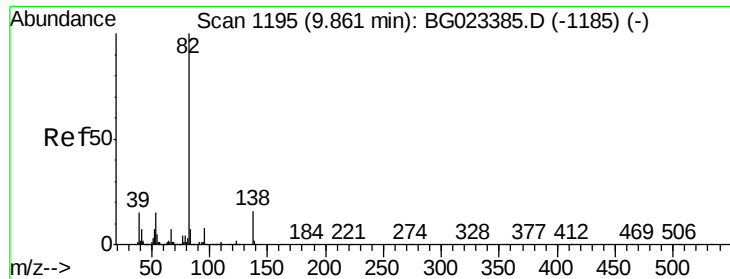
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	24.4	36.6#
54	48.5	41.4	62.0



#24
 Nitrobenzene
 Concen: 37.23 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.2	25.0	37.6
65	14.6	13.4	20.0





#25

Isophorone

Concen: 33.87 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

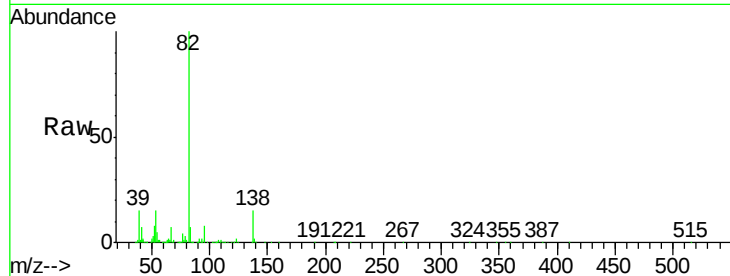
Tgt Ion: 82 Resp: 653211

Ion Ratio Lower Upper

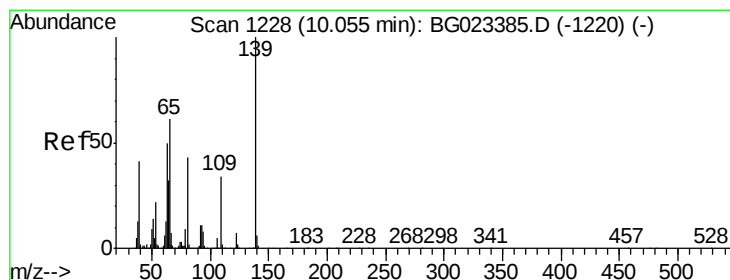
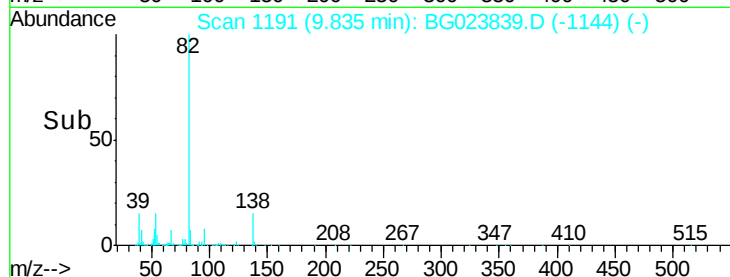
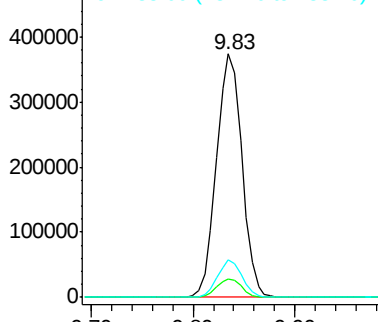
82 100

95 7.5 8.2 12.2#

138 15.4 10.7 16.1



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



#26

2-Nitrophenol

Concen: 35.86 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

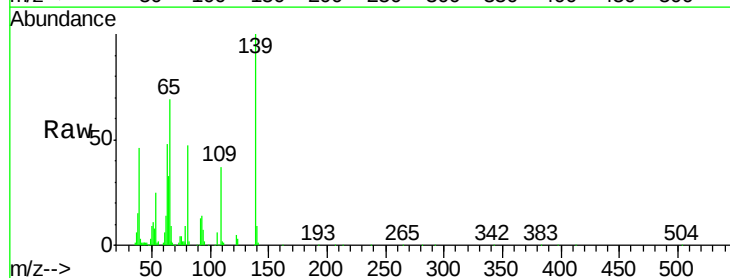
Tgt Ion: 139 Resp: 155172

Ion Ratio Lower Upper

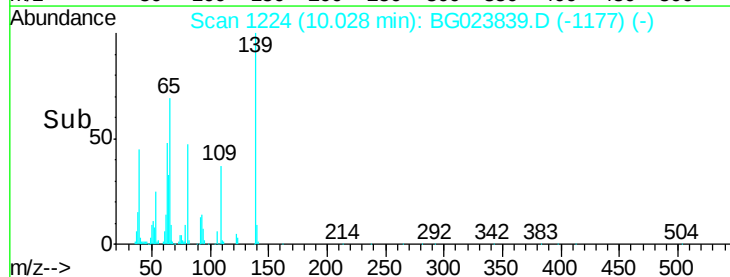
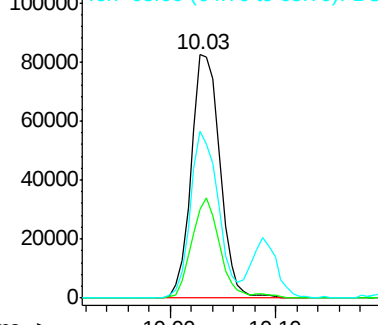
139 100

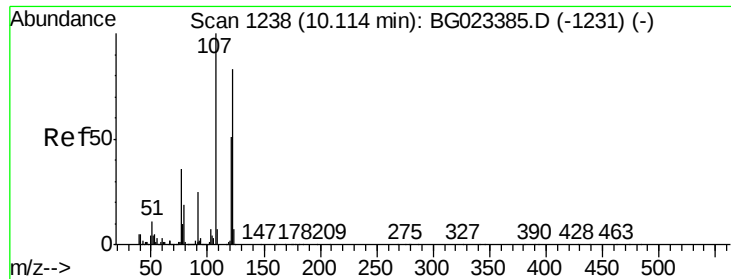
109 36.6 43.5 65.3#

65 68.7 64.3 96.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

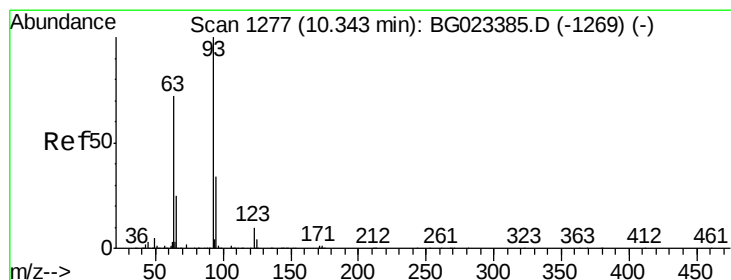
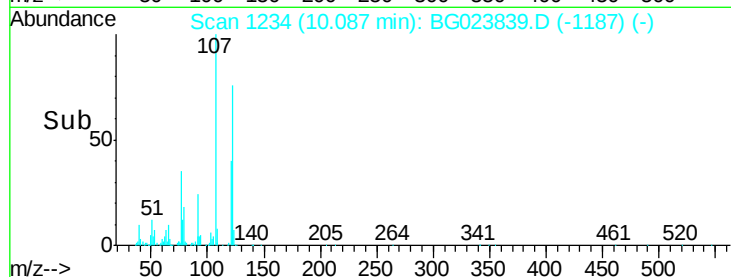
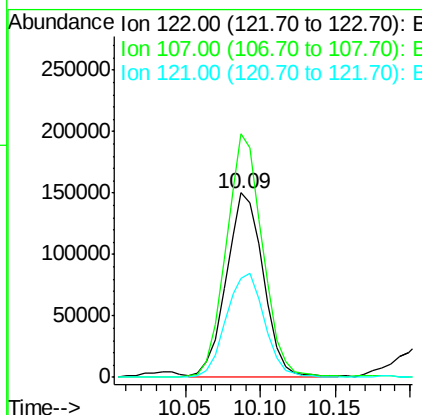
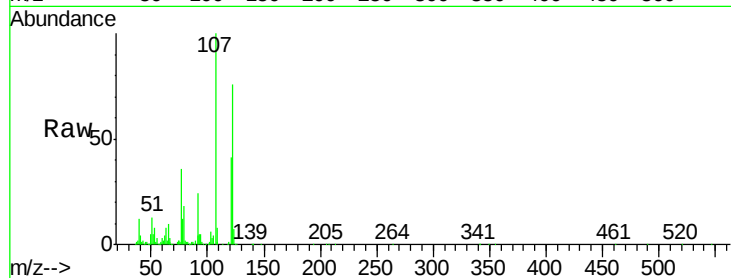




#27
2,4-Dimethylphenol
Concen: 34.97 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.03 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

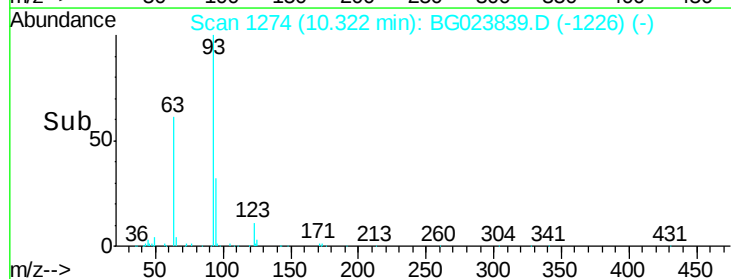
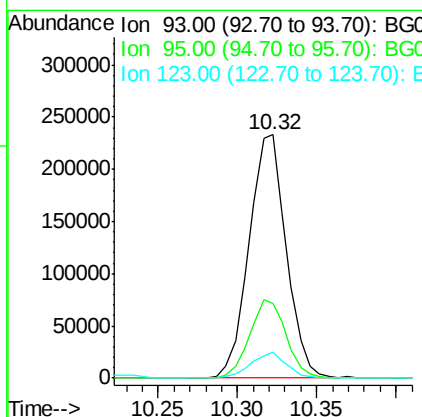
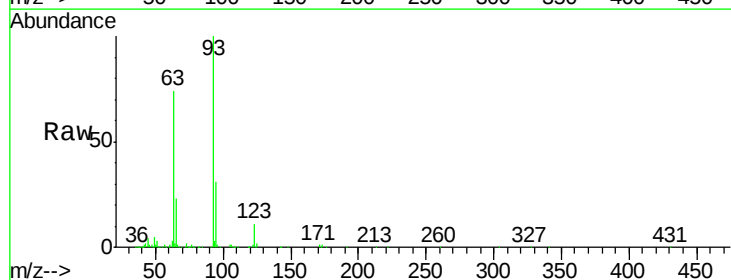
Instrument :
BNA_G
ClientSampleId :
PB92989BS

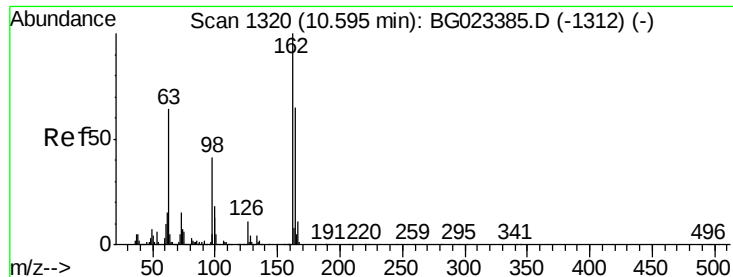
Tgt Ion:122 Resp: 257718
Ion Ratio Lower Upper
122 100
107 132.2 117.0 175.4
121 53.6 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 32.68 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion: 93 Resp: 378894
Ion Ratio Lower Upper
93 100
95 30.8 25.4 38.2
123 10.8 8.2 12.2

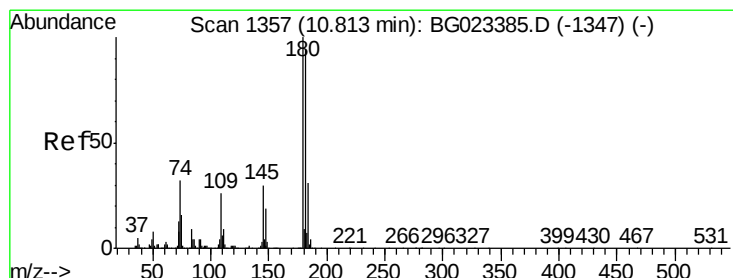
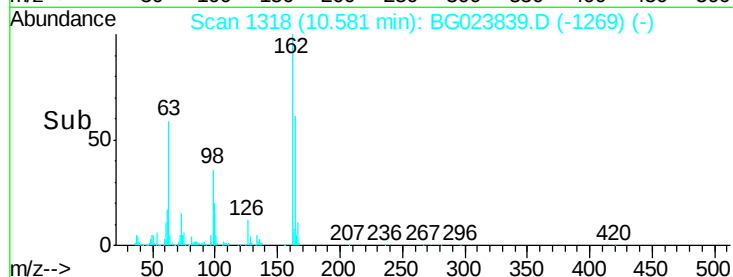
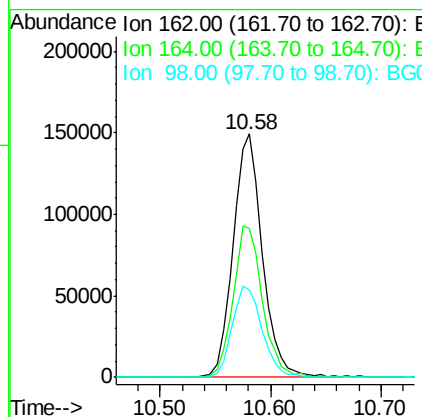
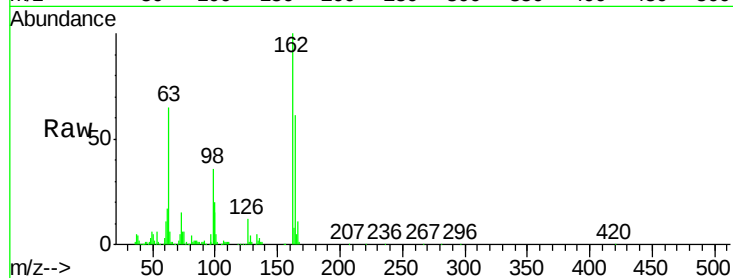




#29
 2,4-Dichlorophenol
 Concen: 37.50 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

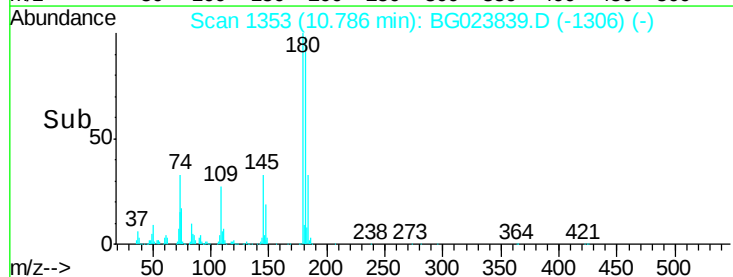
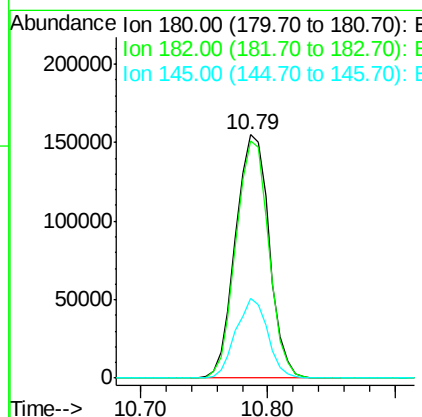
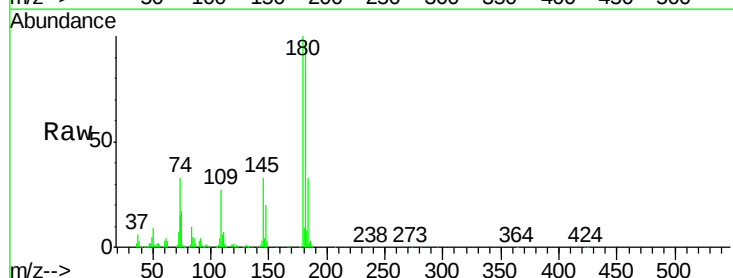
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

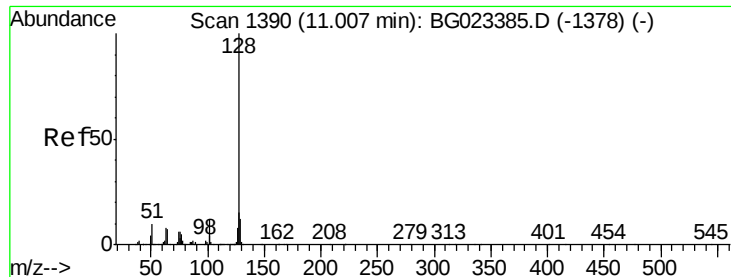
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.2	44.3	84.3
98	36.1	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.68 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.03 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	73.8	110.8
145	32.8	24.4	36.6

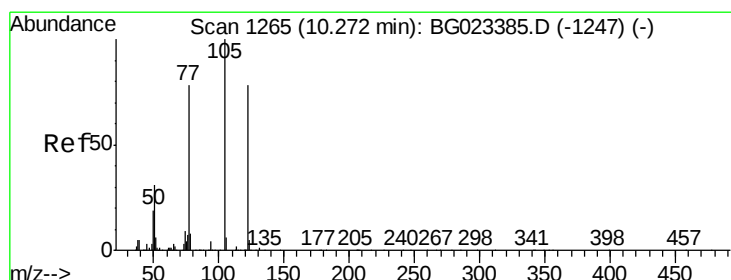
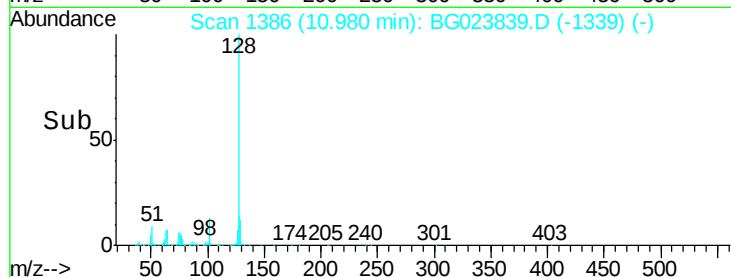
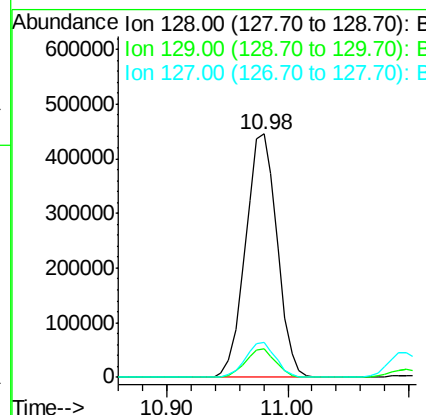
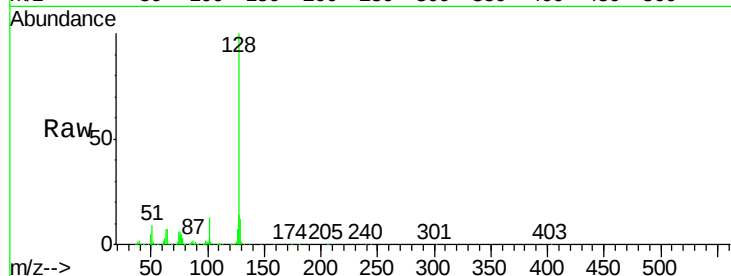




#31
Naphthalene
Concen: 34.73 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.03 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

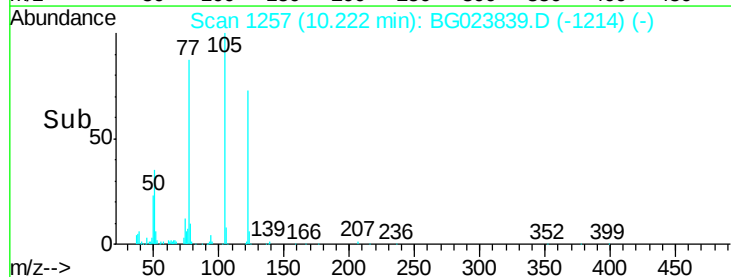
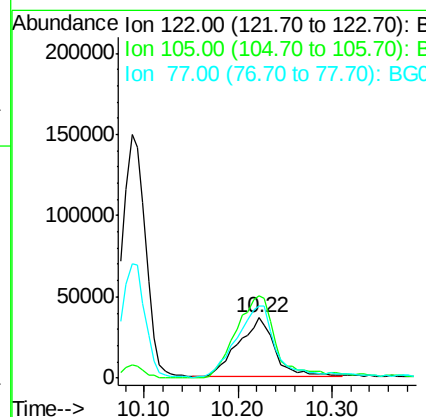
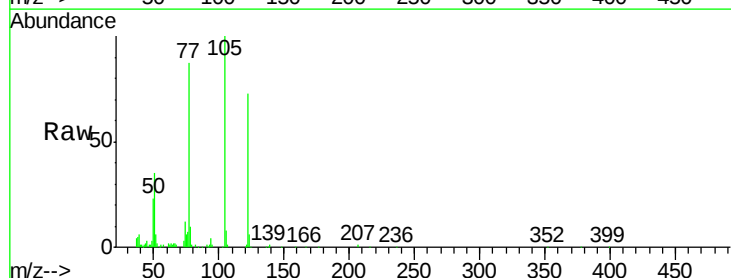
Instrument :
BNA_G
ClientSampleId :
PB92989BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	14.2	11.3	16.9



#32
Benzoic acid
Concen: 19.08 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.0	117.2	157.2
77	118.6	109.2	149.2

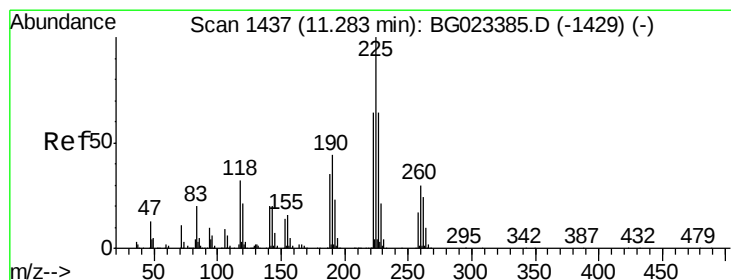
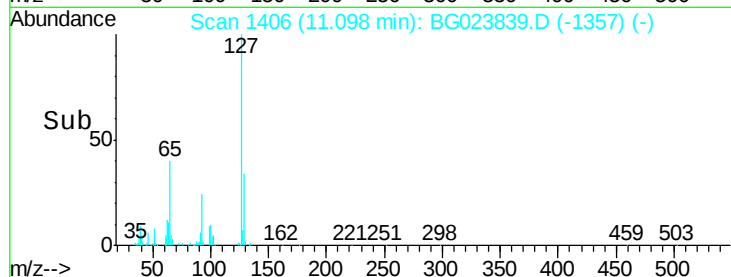
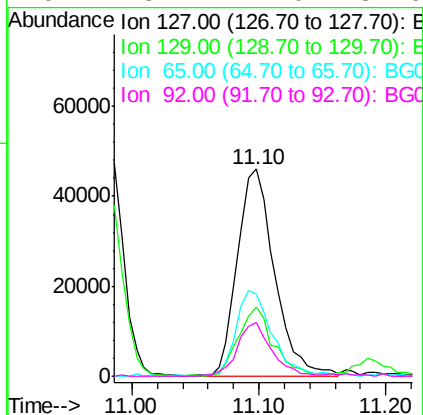
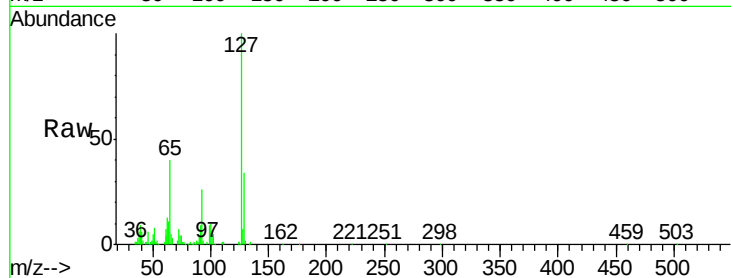




#33
 4-Chloroaniline
 Concen: 8.38 ng
 RT: 11.10 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

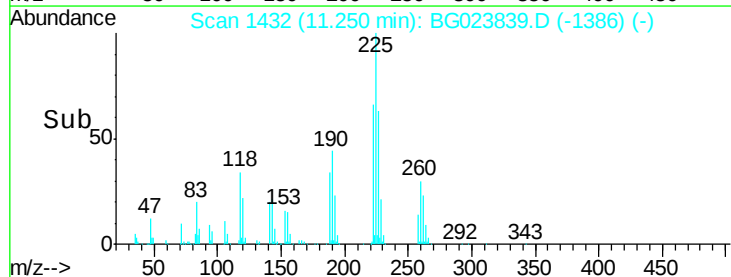
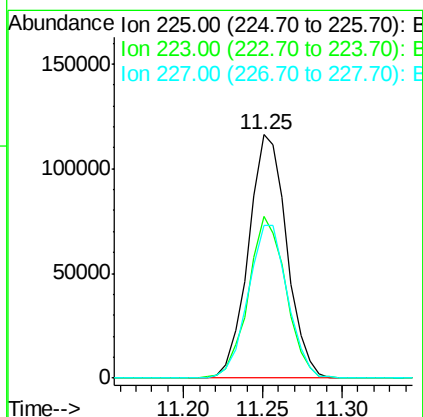
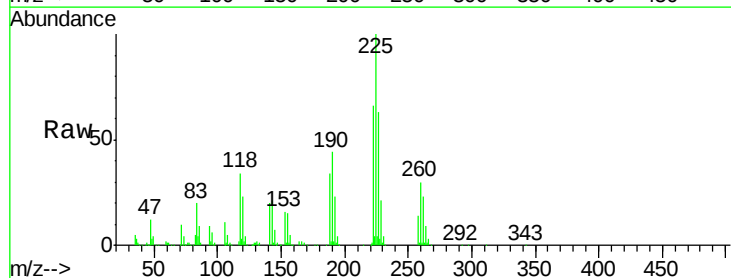
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

Tgt Ion:	127	Resp:	93915
Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.9	41.9
65	39.8	36.8	55.2
92	25.7	21.0	31.6



#34
 Hexachlorobutadiene
 Concen: 37.16 ng
 RT: 11.25 min Scan# 1432
 Delta R.T. -0.03 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion:	225	Resp:	195262
Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.6	74.4
227	62.9	54.5	81.7





#35

Caprolactam

Concen: 29.32 ng

RT: 11.87 min Scan# 1538

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

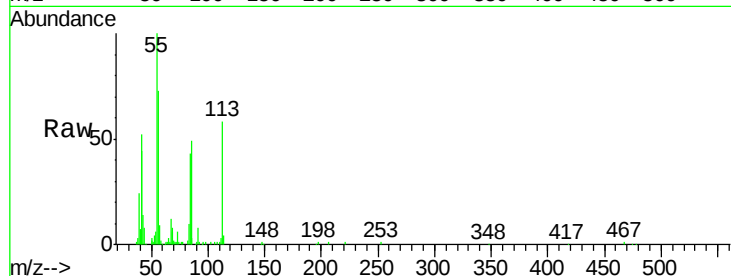
Tgt Ion:113 Resp: 91412

Ion Ratio Lower Upper

113 100

55 171.8 154.5 194.5

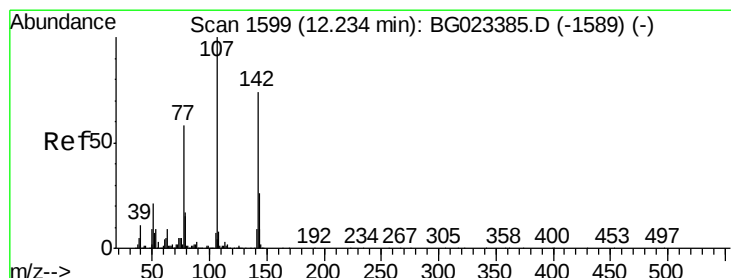
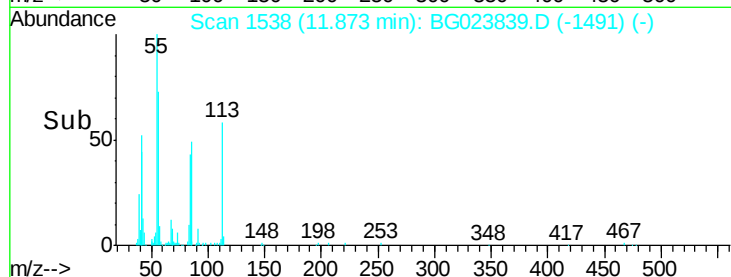
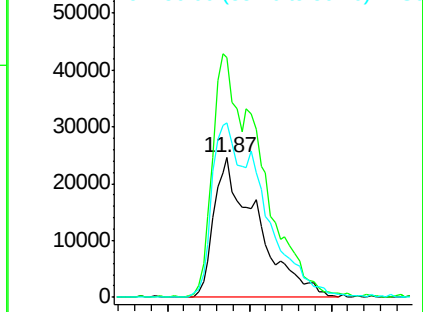
56 124.7 125.1 165.1#



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: 32.85 ng

RT: 12.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

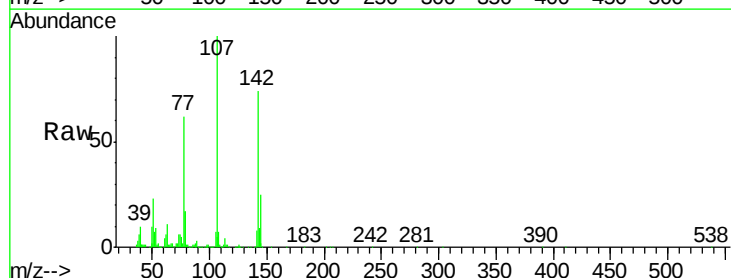
Tgt Ion:107 Resp: 319791

Ion Ratio Lower Upper

107 100

144 25.1 17.0 25.6

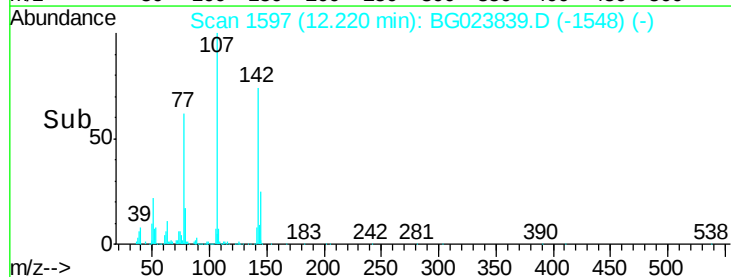
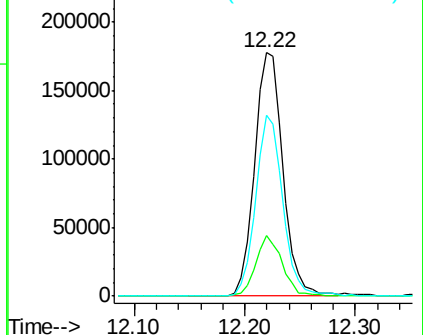
142 74.2 53.0 79.6

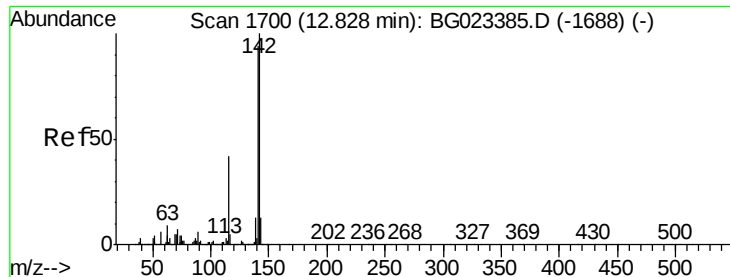


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

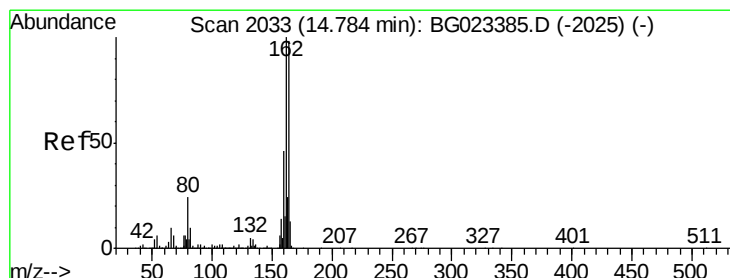
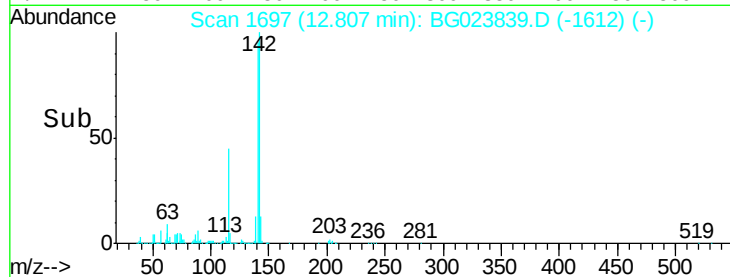
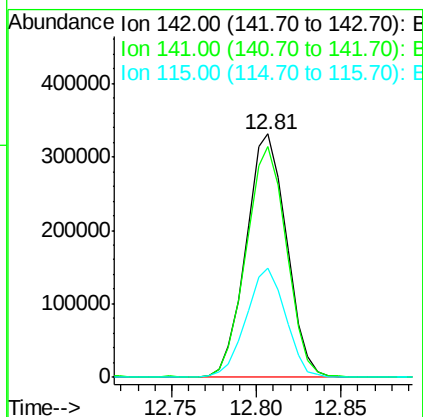
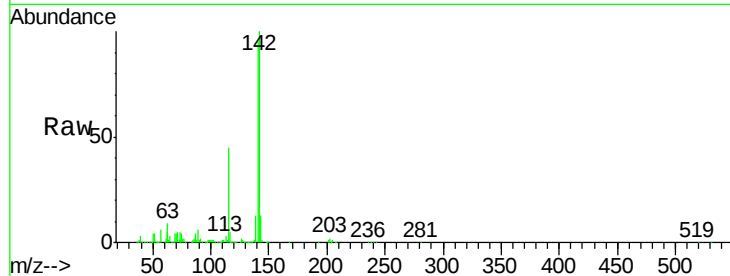




#37
2-Methylnaphthalene
Concen: 31.02 ng
RT: 12.81 min Scan# 1697
Delta R.T. 0.20 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

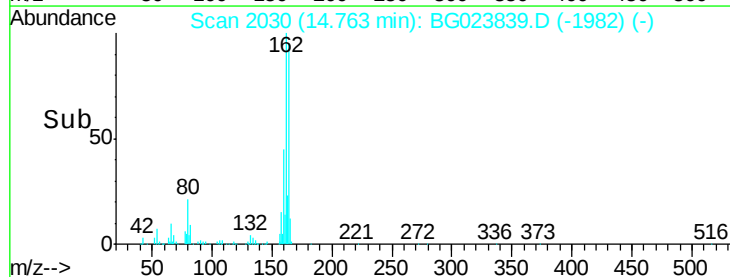
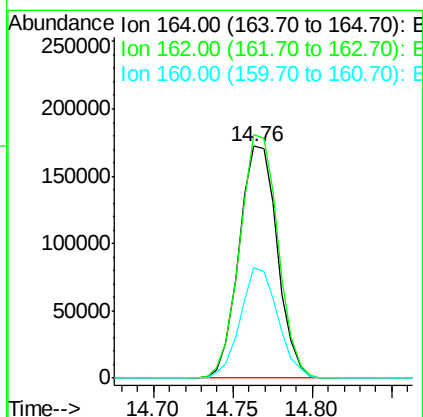
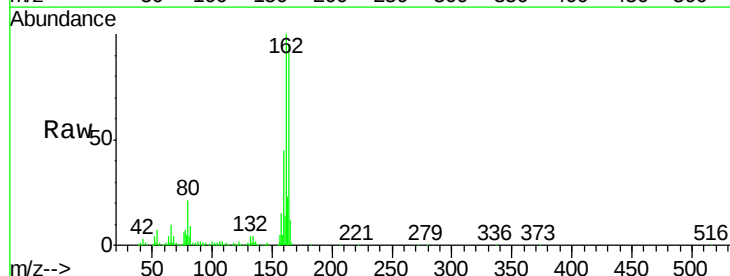
Instrument :
BNA_G
ClientSampleId :
PB92989BS

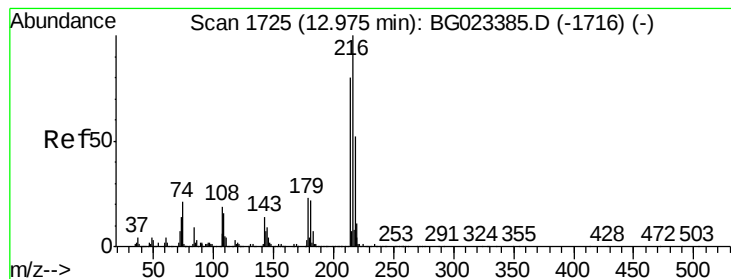
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	70.2	105.2
115	44.9	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	87.7	131.5
160	47.5	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.92 ng

RT: 12.95 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

Tgt Ion:216 Resp: 291401

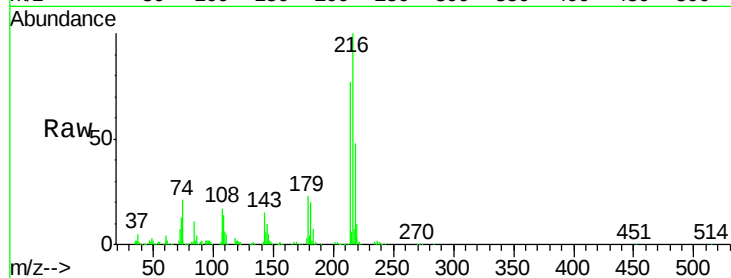
Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

179 22.0 17.2 25.8

108 20.7 16.3 24.5

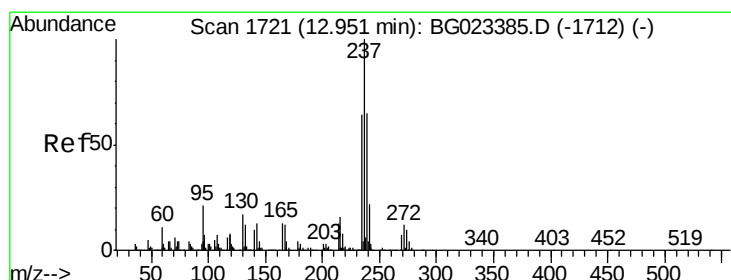
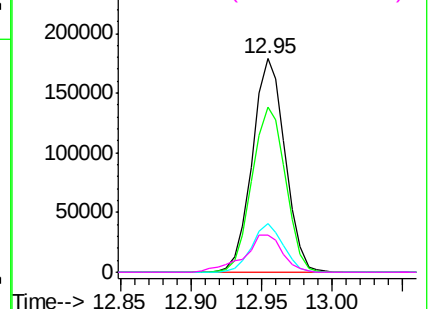
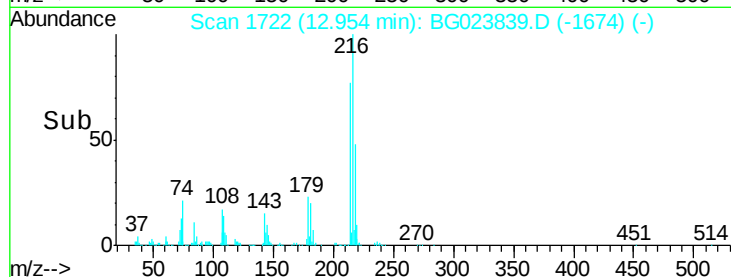


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.88 ng

RT: 12.92 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

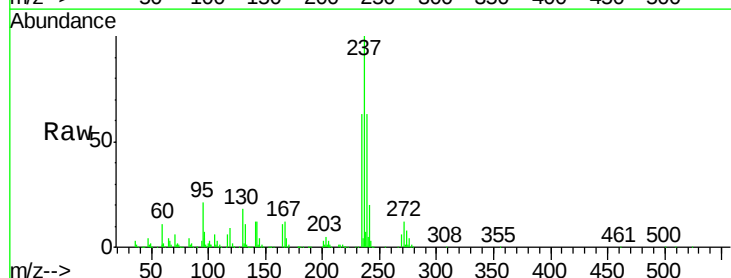
Tgt Ion:237 Resp: 283528

Ion Ratio Lower Upper

237 100

235 62.6 43.1 83.1

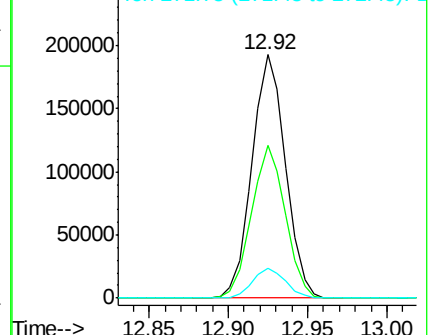
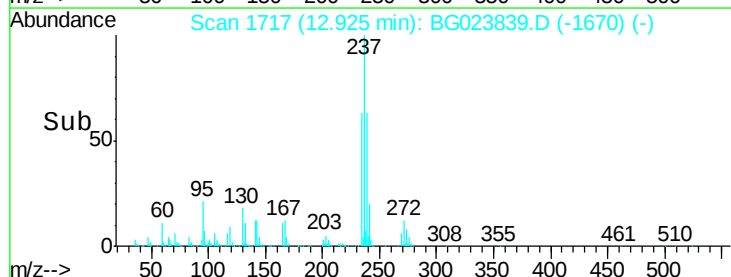
272 12.1 0.0 30.9

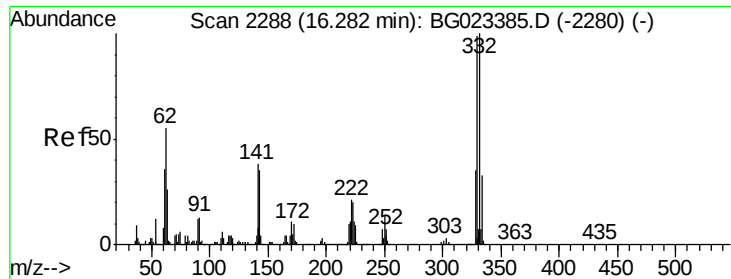


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

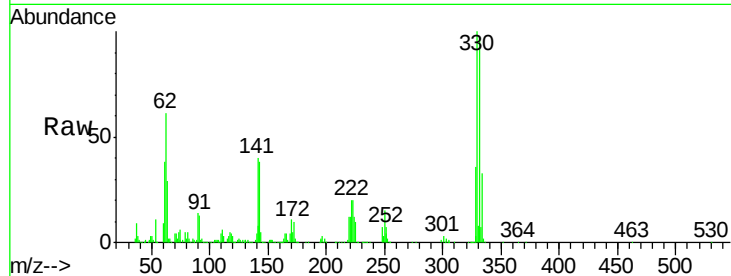




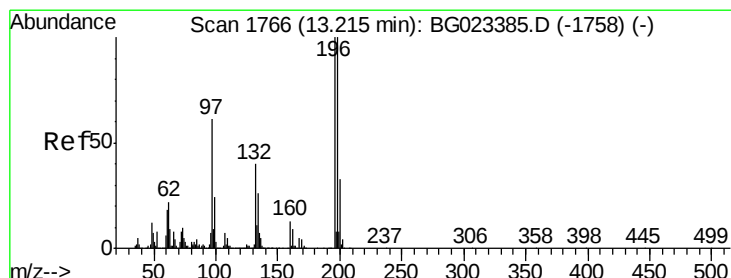
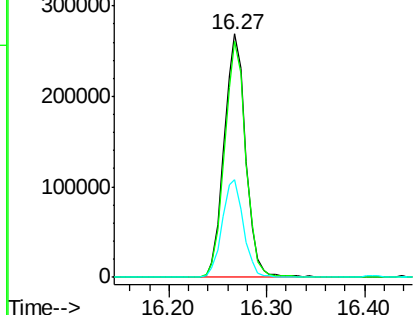
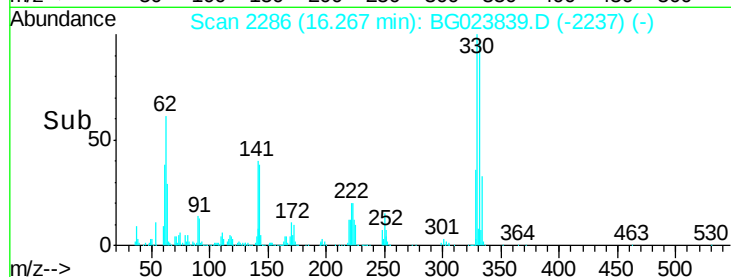
#41
 2,4,6-Tribromophenol
 Concen: 97.61 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

Tgt Ion:330 Resp: 410861
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 39.6 31.7 47.5

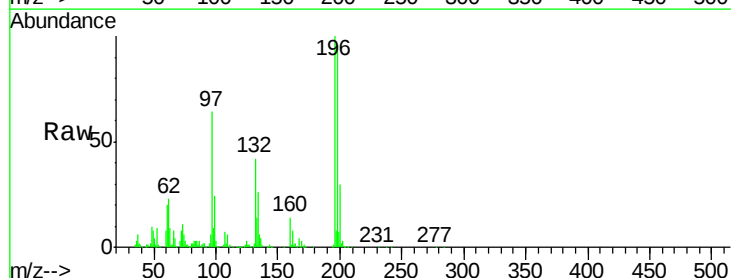


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

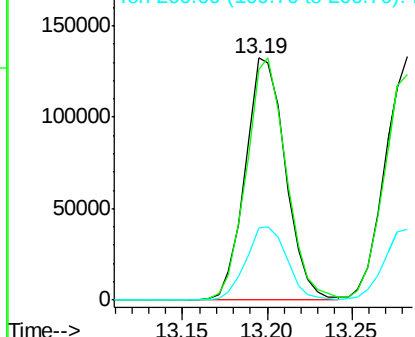
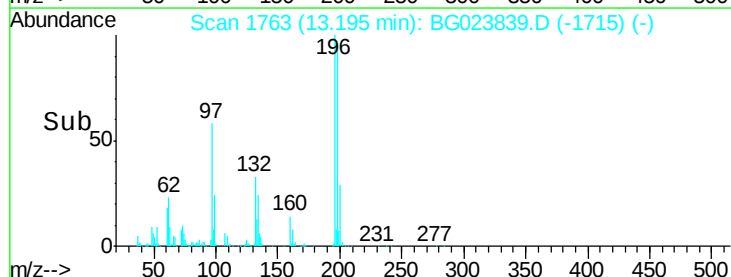


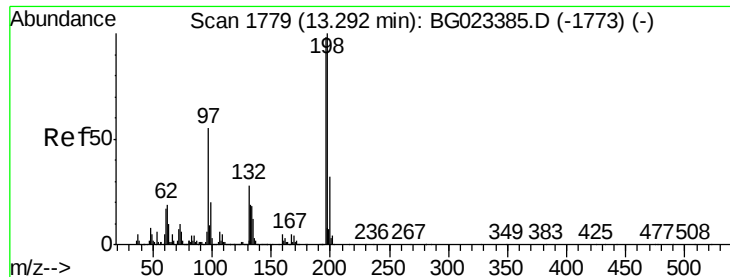
#42
 2,4,6-Trichlorophenol
 Concen: 35.22 ng
 RT: 13.19 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion:196 Resp: 218946
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.2 117.2
 200 29.9 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

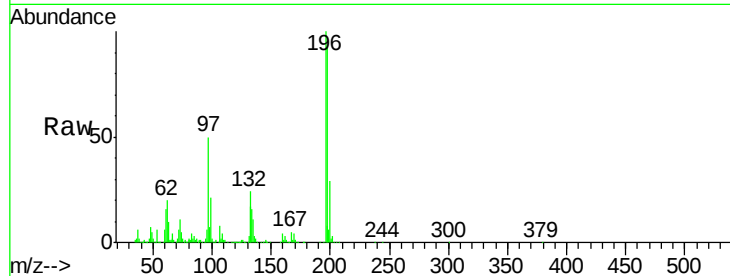




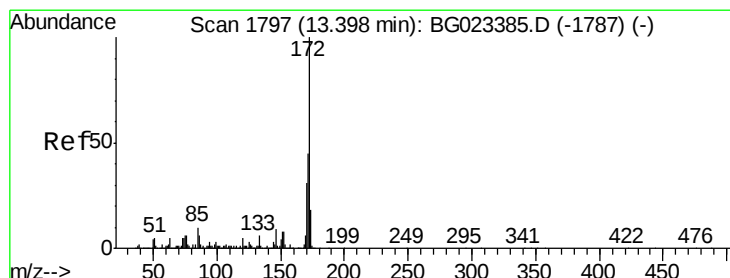
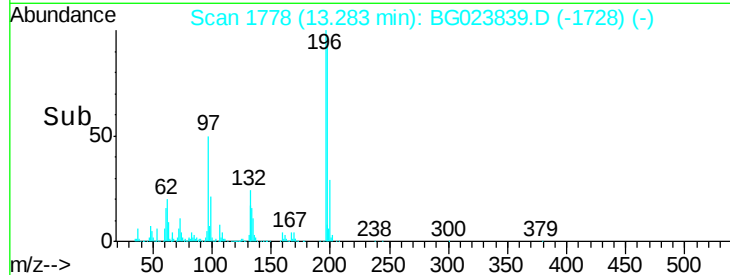
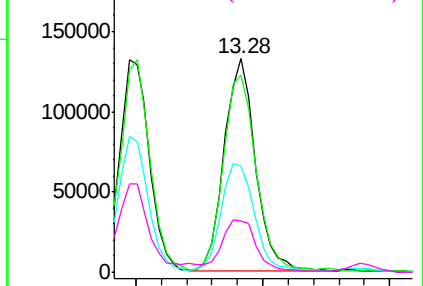
#43
 2,4,5-Trichlorophenol
 Concen: 35.35 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

Tgt Ion:	196	Resp:	226238
Ion	Ratio	Lower	Upper
196	100		
198	92.5	85.7	128.5
97	50.0	45.5	68.3
132	24.0	18.9	28.3

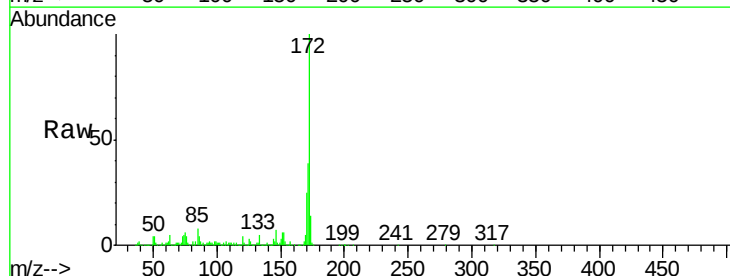


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

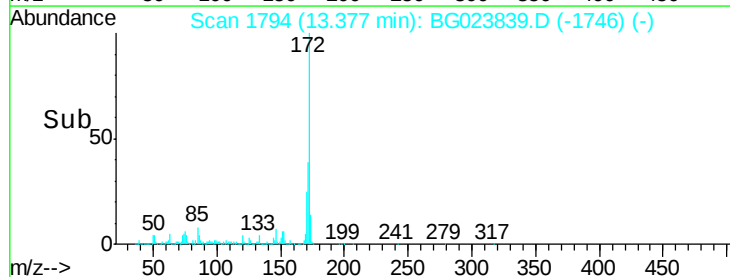
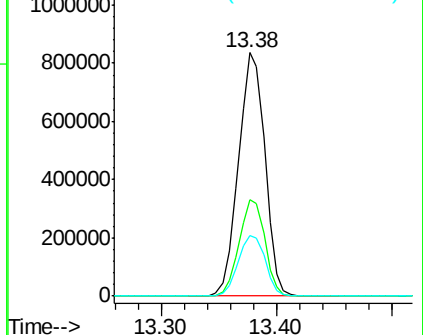


#44
 2-Fluorobiphenyl
 Concen: 77.52 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion:	172	Resp:	1322623
Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.6	47.4
170	24.8	21.3	31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

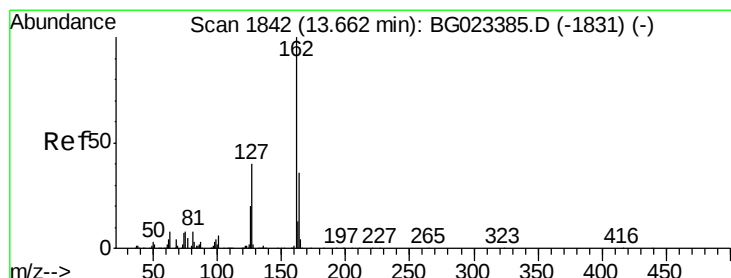
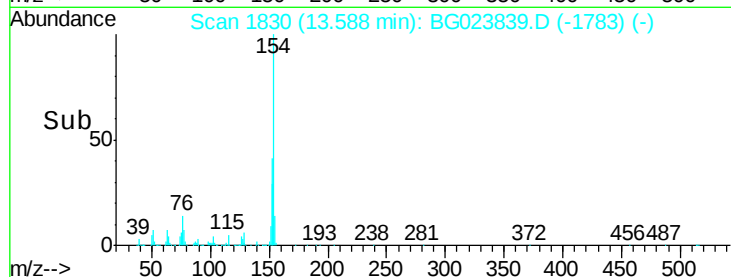
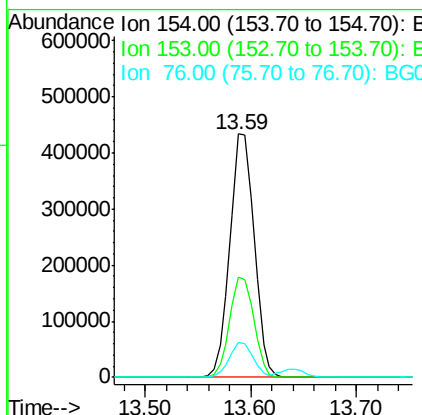
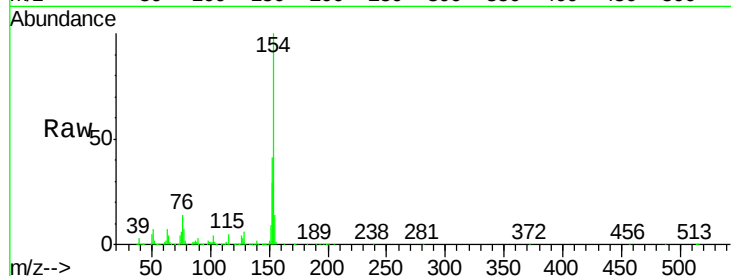




#45
 1,1'-Biphenyl
 Concen: 31.25 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.03 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

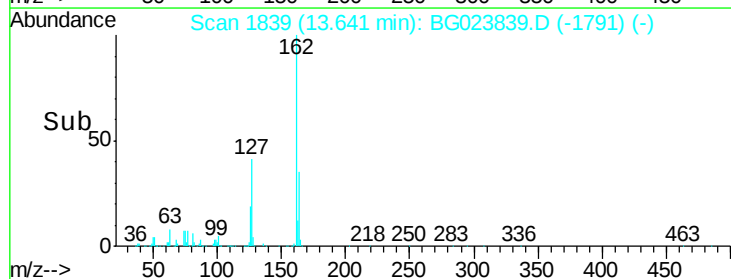
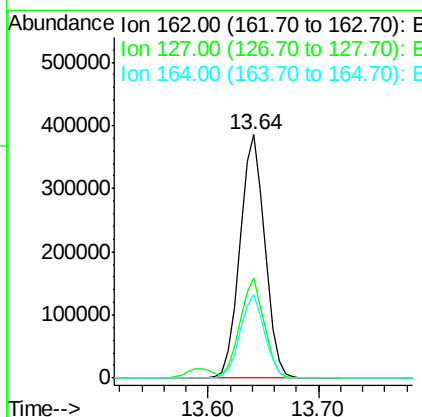
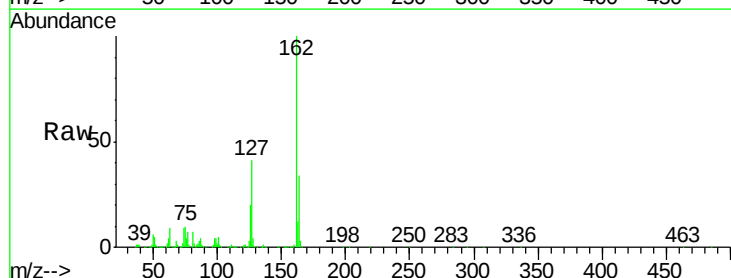
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

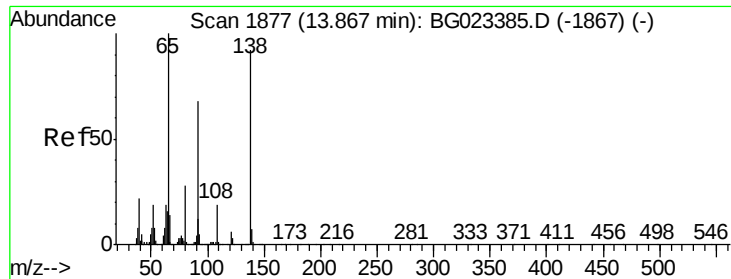
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	14.4	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 35.83 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.4	48.6
164	34.5	25.2	37.8

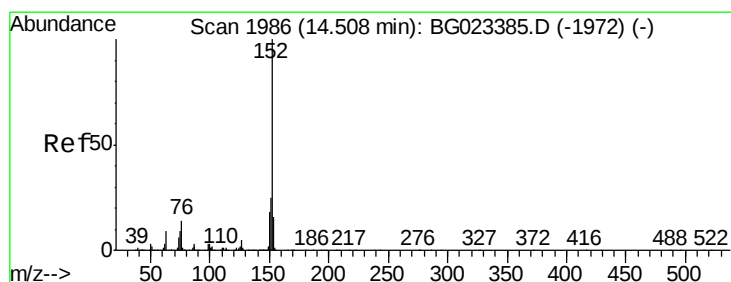
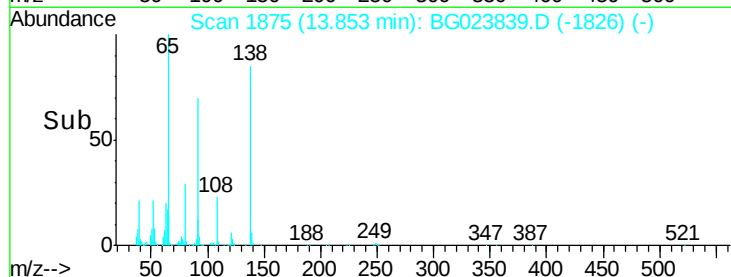
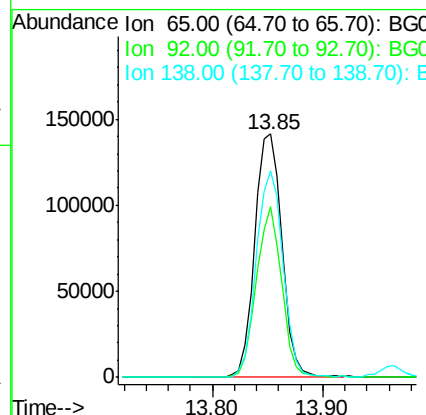
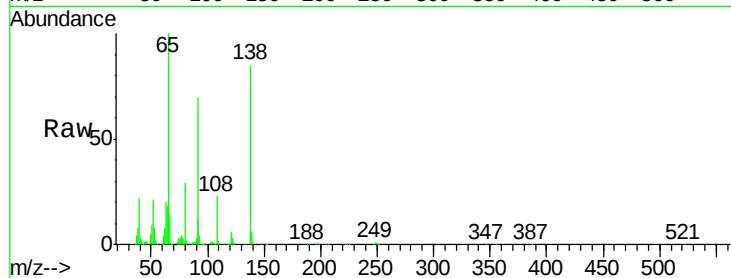




#47
2-Nitroaniline
Concen: 34.64 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

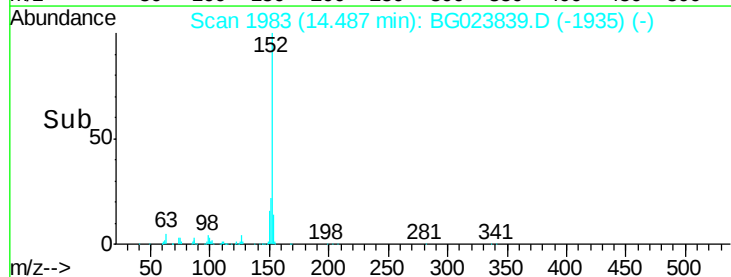
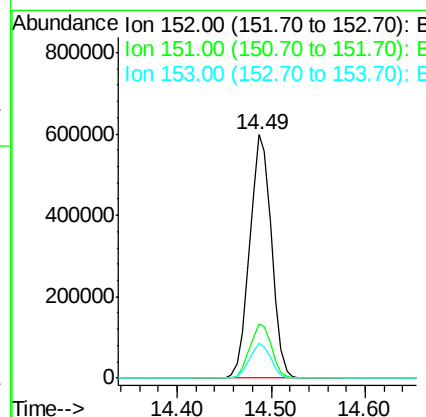
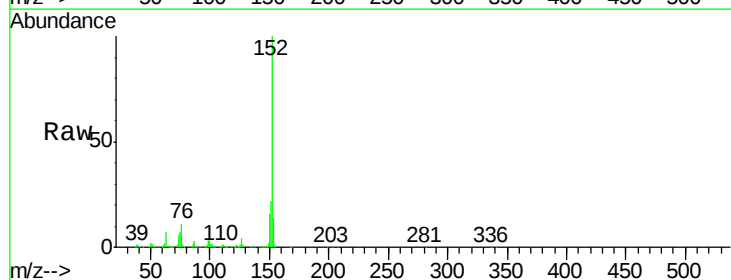
Instrument :
BNA_G
ClientSampleId :
PB92989BS

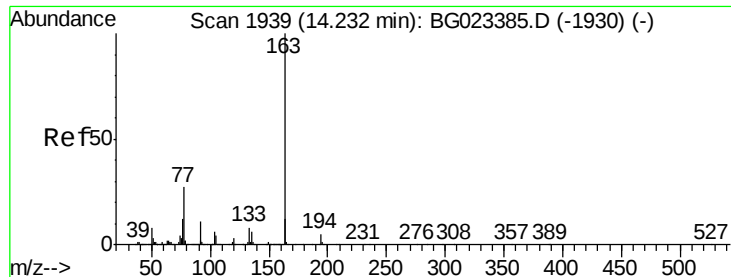
Tgt Ion: 65 Resp: 244802
Ion Ratio Lower Upper
65 100
92 70.1 49.4 74.0
138 85.1 58.0 87.0



#48
Acenaphthylene
Concen: 35.46 ng
RT: 14.49 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion: 152 Resp: 954042
Ion Ratio Lower Upper
152 100
151 22.2 17.6 26.4
153 14.1 11.4 17.2





#49

Dimethylphthalate

Concen: 36.06 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

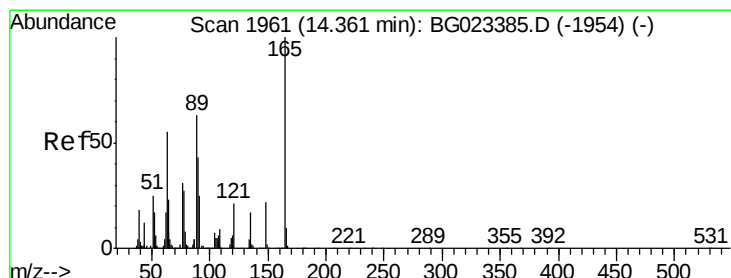
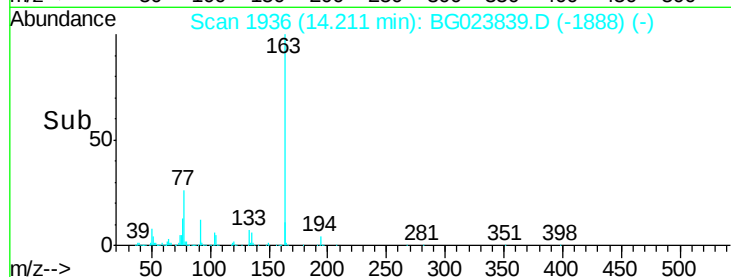
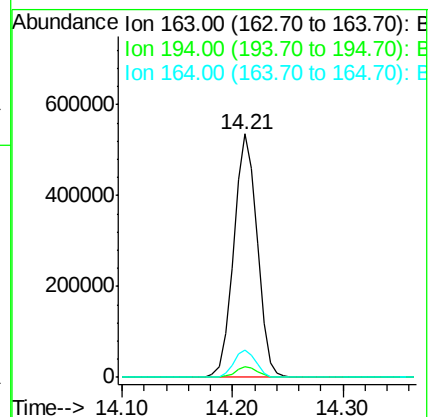
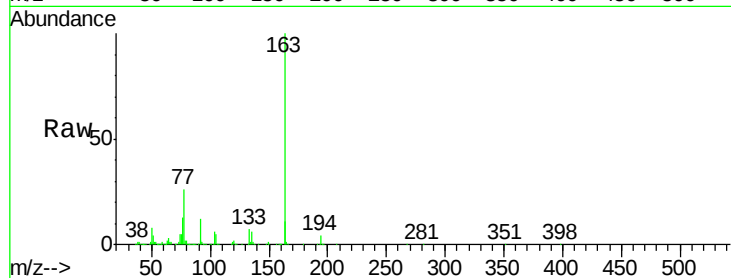
Tgt Ion:163 Resp: 796193

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

164 11.1 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 33.41 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

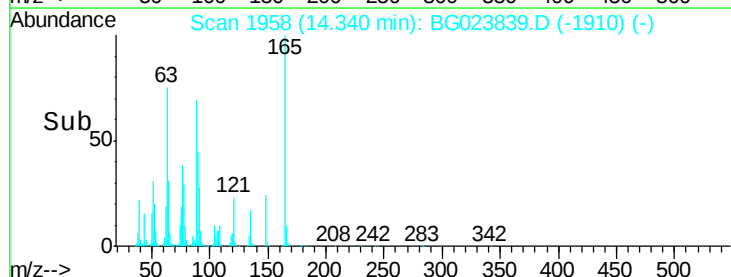
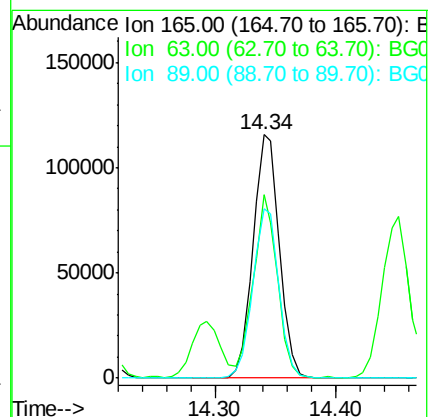
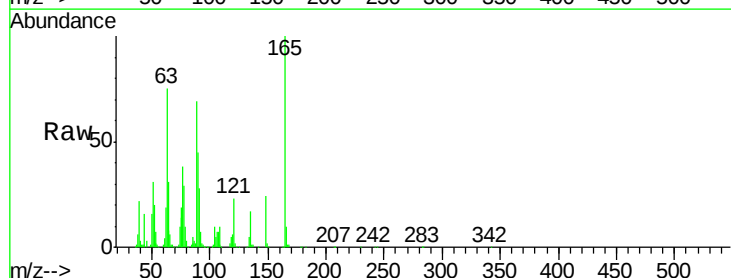
Tgt Ion:165 Resp: 174705

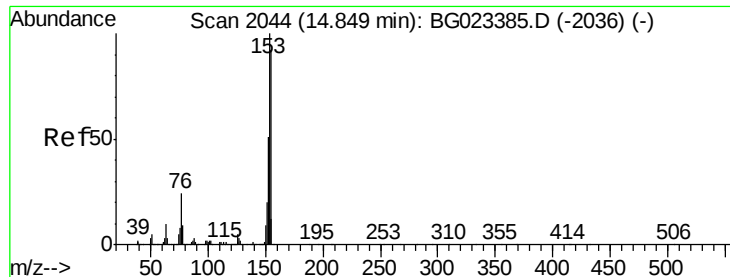
Ion Ratio Lower Upper

165 100

63 75.3 64.3 96.5

89 69.5 64.3 96.5





#51

Acenaphthene

Concen: 35.07 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

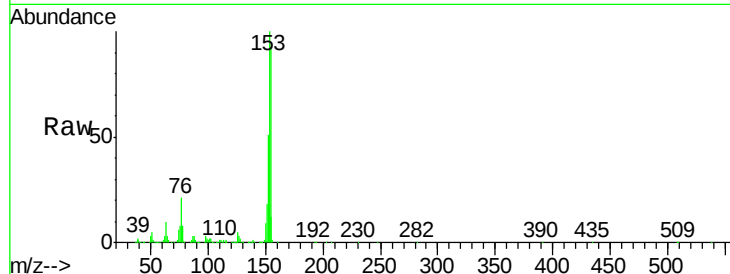
Tgt Ion:154 Resp: 597710

Ion Ratio Lower Upper

154 100

153 107.0 87.5 131.3

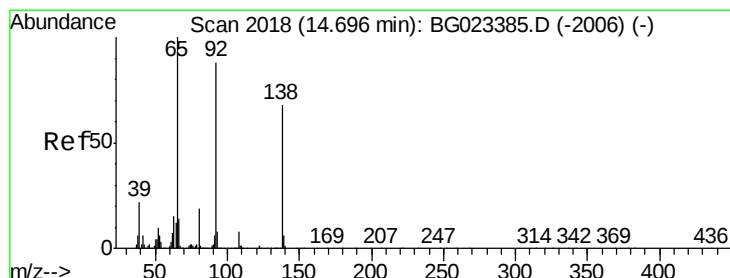
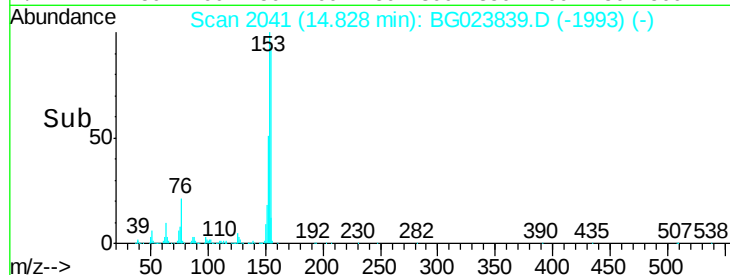
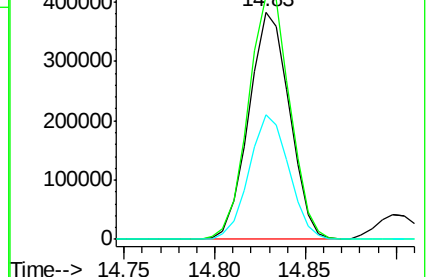
152 54.8 42.7 64.1



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: 16.20 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

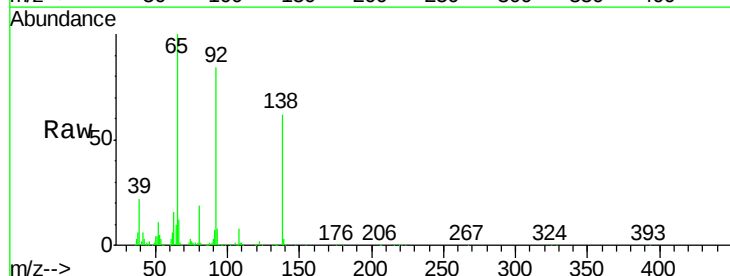
Tgt Ion:138 Resp: 95528

Ion Ratio Lower Upper

138 100

108 13.1 11.7 17.5

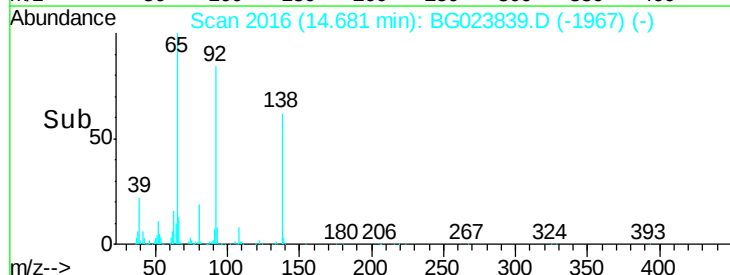
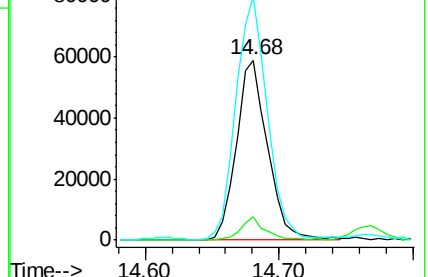
92 135.3 129.7 194.5

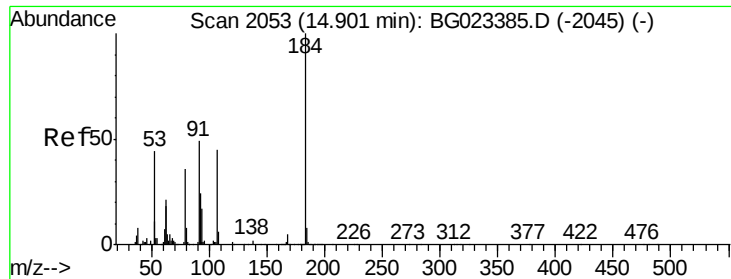


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

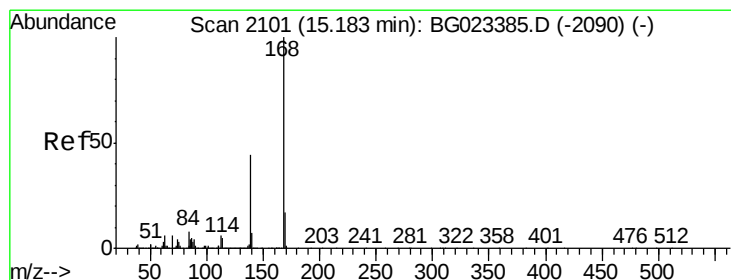
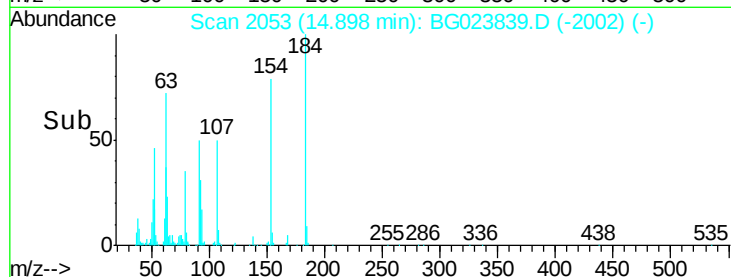
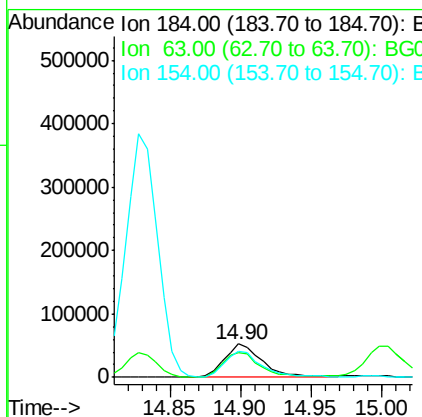
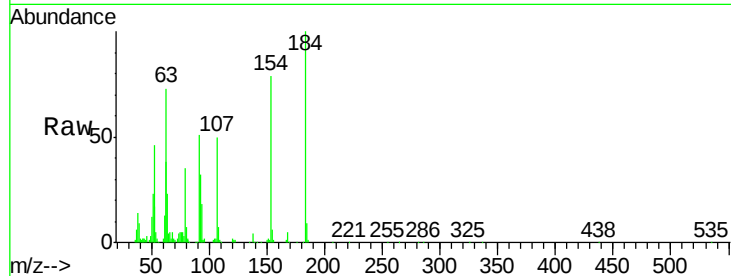




#53
2,4-Dinitrophenol
Concen: 29.24 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

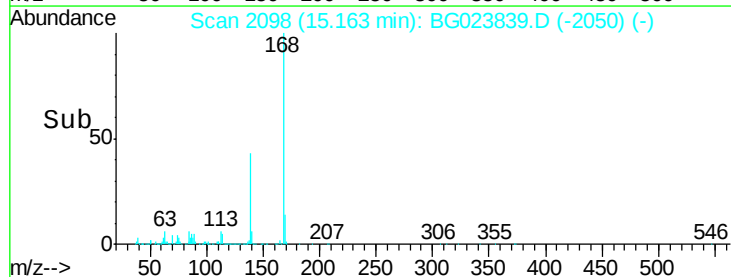
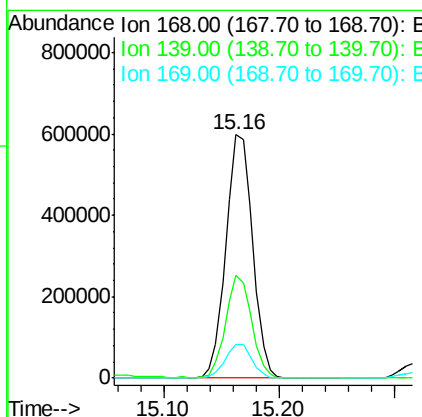
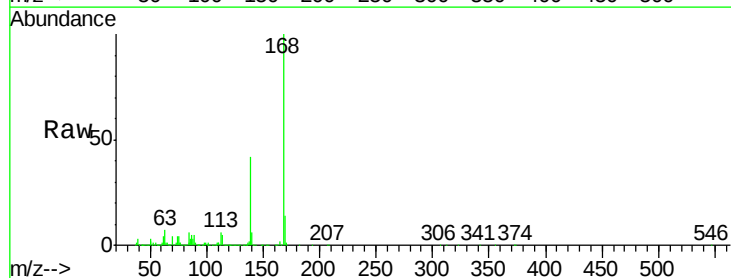
Instrument :
BNA_G
ClientSampleId :
PB92989BS

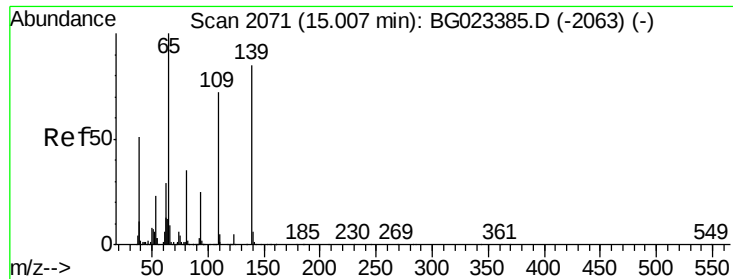
Tgt Ion:184 Resp: 97993
Ion Ratio Lower Upper
184 100
63 72.6 59.6 89.4
154 79.0 67.4 101.0



#54
Dibenzofuran
Concen: 38.67 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion:168 Resp: 956795
Ion Ratio Lower Upper
168 100
139 42.5 36.4 54.6
169 13.8 11.9 17.9

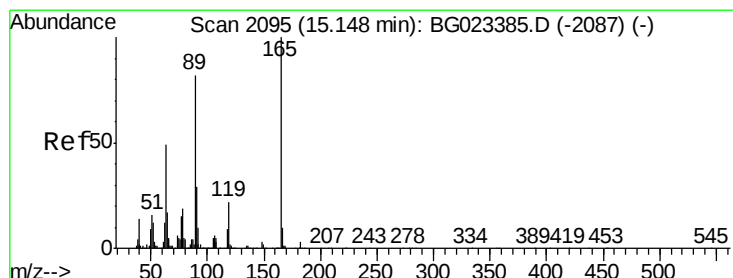
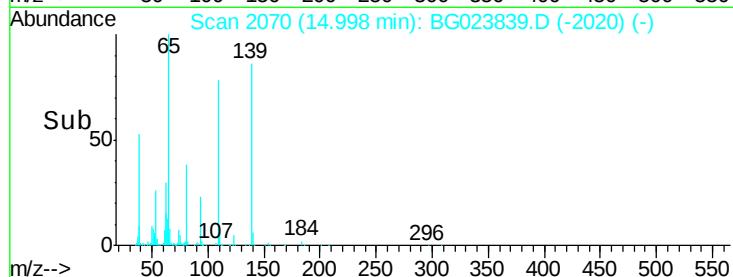
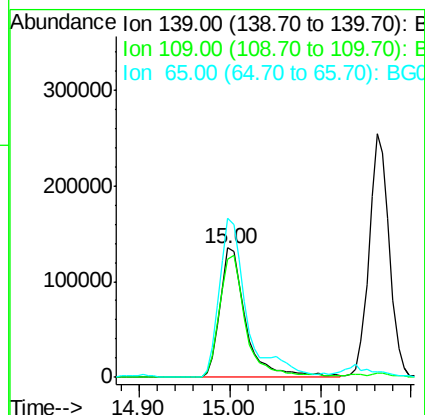
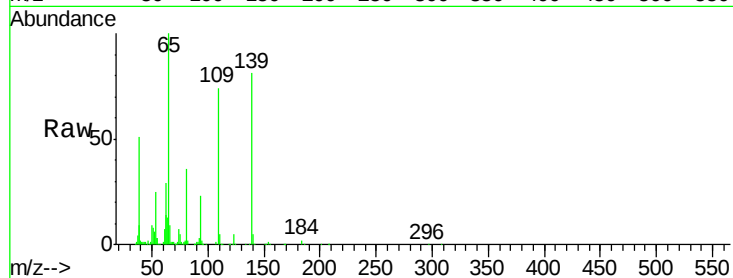




#55
4-Nitrophenol
Concen: 58.08 ng
RT: 15.00 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

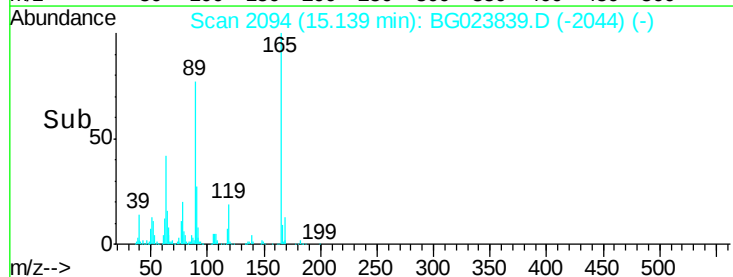
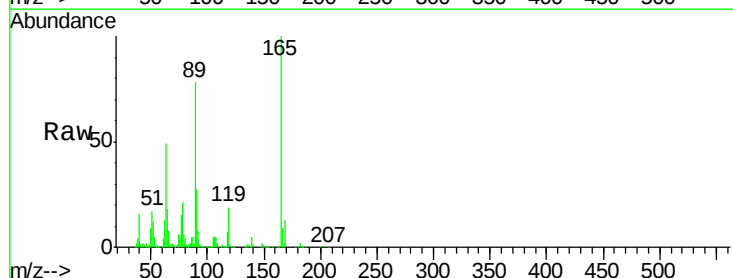
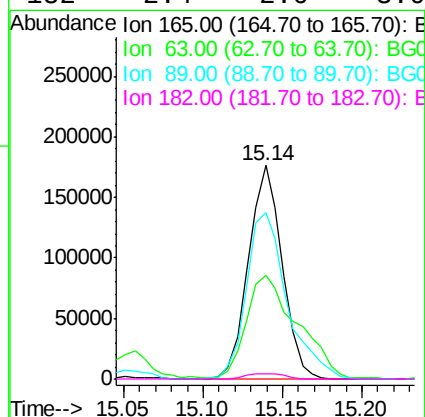
Instrument :
BNA_G
ClientSampleId :
PB92989BS

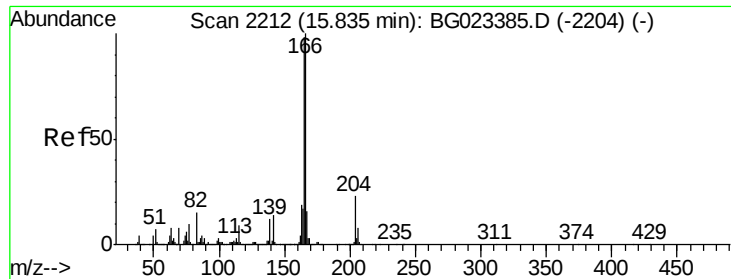
Tgt Ion:139 Resp: 268958
Ion Ratio Lower Upper
139 100
109 91.1 103.0 143.0#
65 122.8 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 35.35 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion:165 Resp: 259445
Ion Ratio Lower Upper
165 100
63 48.7 45.8 68.6
89 77.8 68.6 102.8
182 2.4 2.0 3.0





#57

Fluorene

Concen: 36.11 ng

RT: 15.82 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

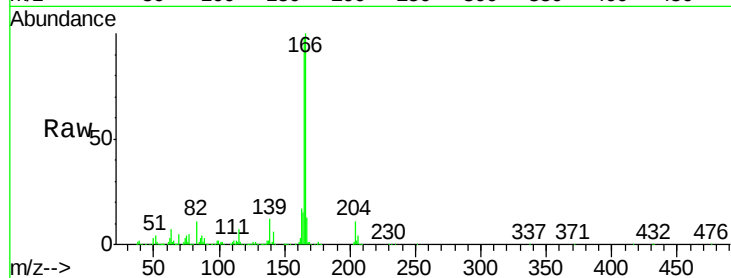
Tgt Ion:166 Resp: 779758

Ion Ratio Lower Upper

166 100

165 98.1 81.0 121.6

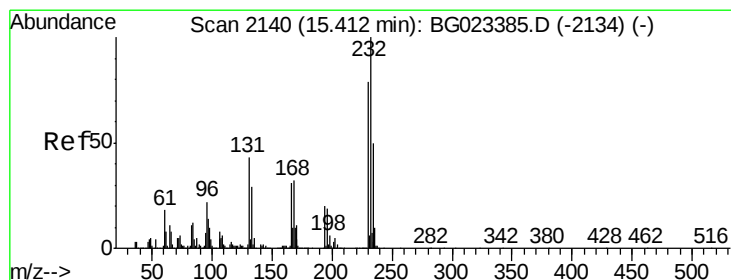
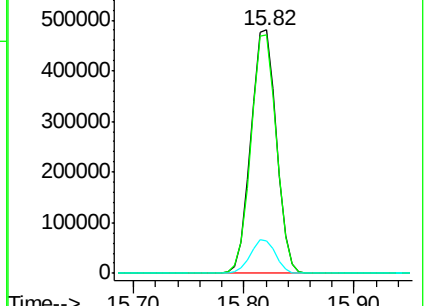
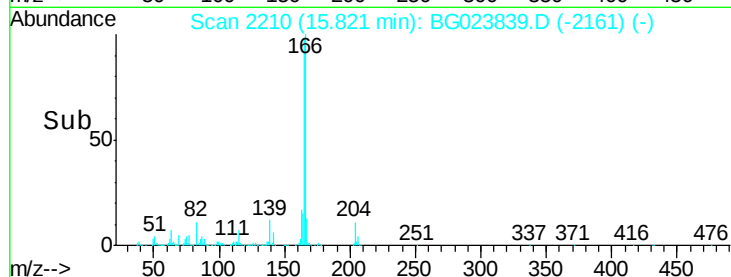
167 13.4 12.0 18.0



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: 37.51 ng

RT: 15.40 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Tgt Ion:232 Resp: 220312

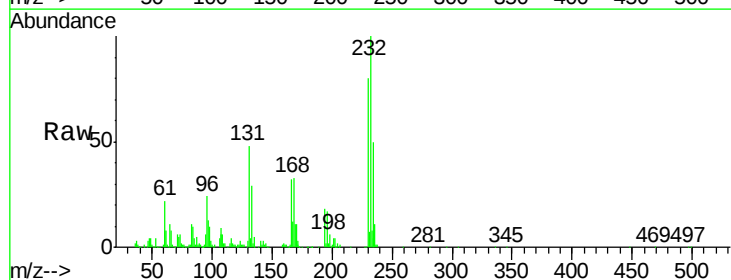
Ion Ratio Lower Upper

232 100

131 44.6 32.7 49.1

130 2.6 2.6 3.8

166 31.2 23.0 34.6

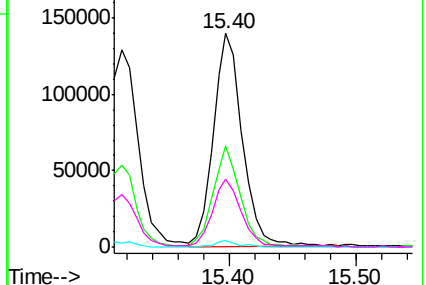
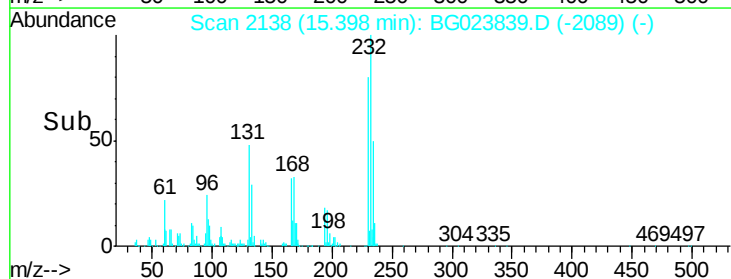


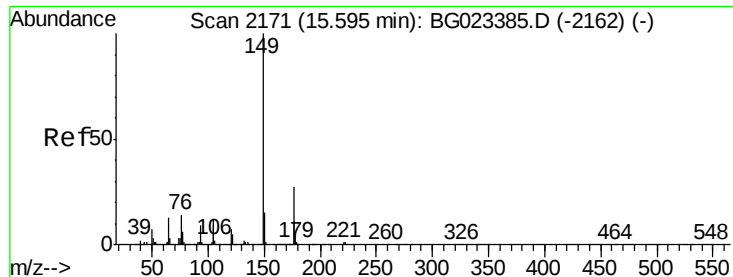
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.25 ng

RT: 15.57 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

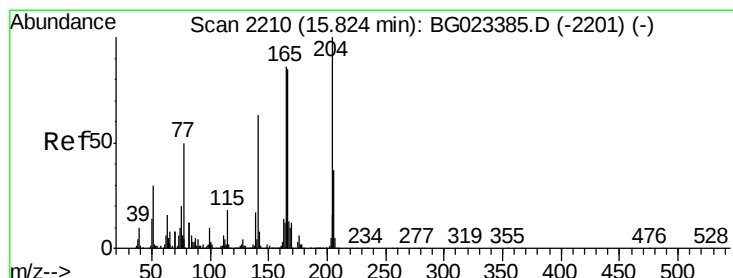
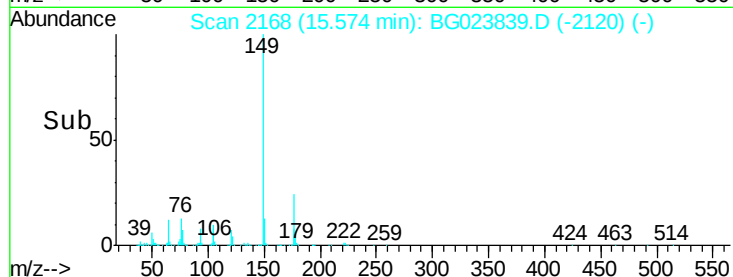
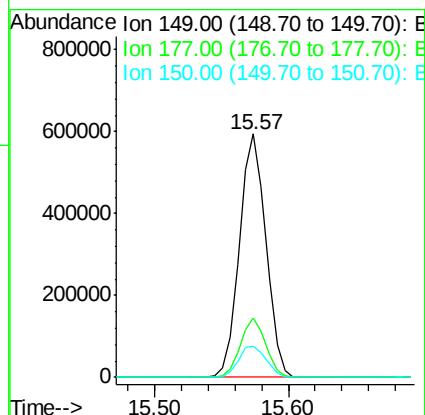
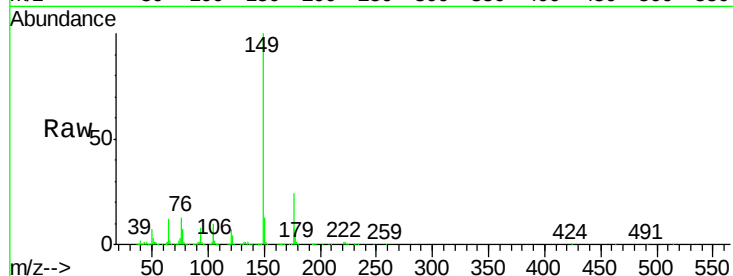
Tgt Ion:149 Resp: 812505

Ion Ratio Lower Upper

149 100

177 24.5 19.2 28.8

150 12.8 10.6 16.0



#60

4-Chlorophenyl-phenylether

Concen: 34.72 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

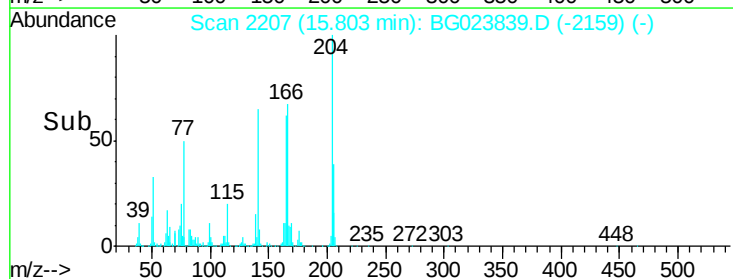
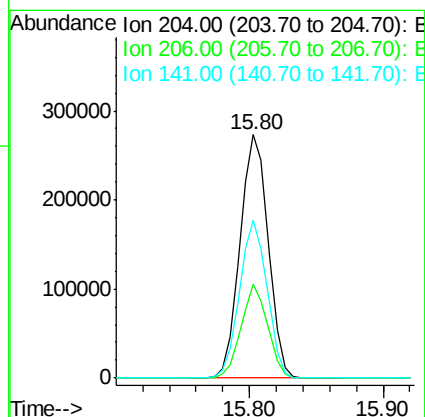
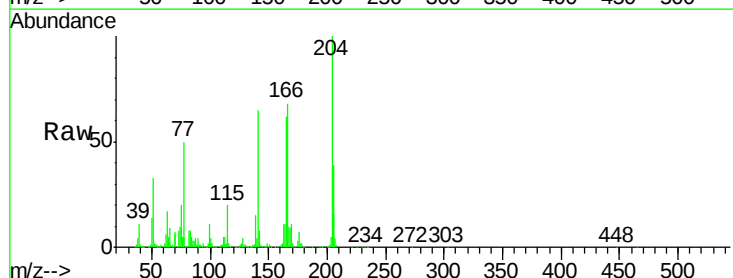
Tgt Ion:204 Resp: 396723

Ion Ratio Lower Upper

204 100

206 38.7 28.5 42.7

141 64.9 51.4 77.0





#61

4-Nitroaniline

Concen: 28.53 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

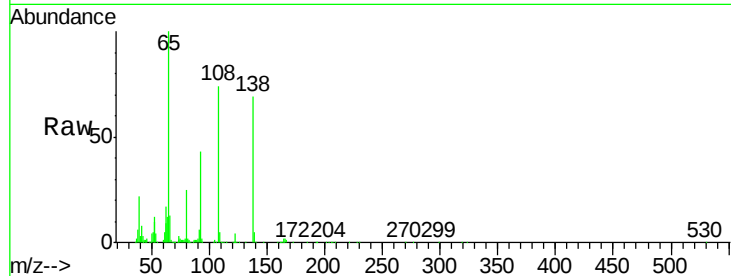
Tgt Ion: 138 Resp: 179104

Ion Ratio Lower Upper

138 100

92 62.5 54.1 94.1

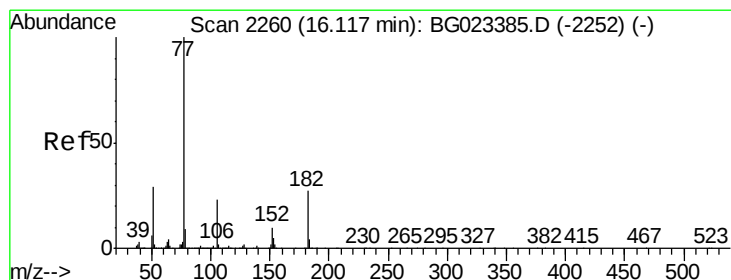
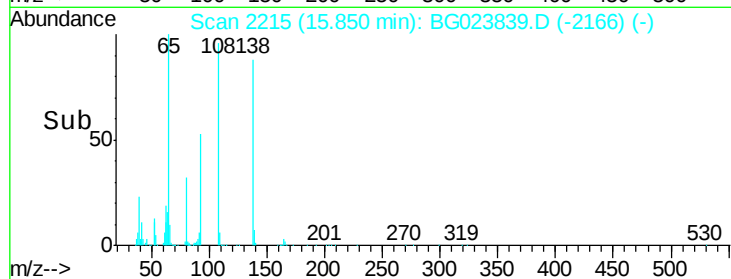
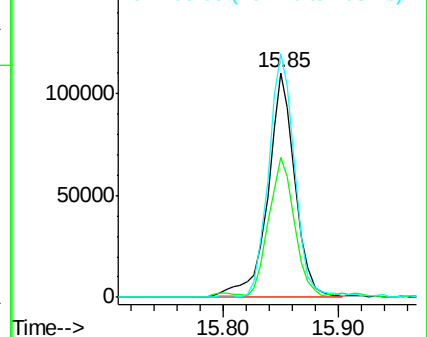
108 108.4 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): BGC



#62

Azobenzene

Concen: 39.59 ng

RT: 16.10 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Tgt Ion: 77 Resp: 899481

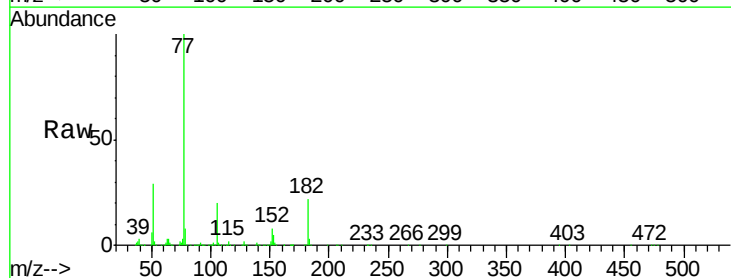
Ion Ratio Lower Upper

77 100

182 22.1 3.5 43.5

105 19.8 0.0 38.5

51 29.0 17.1 57.1

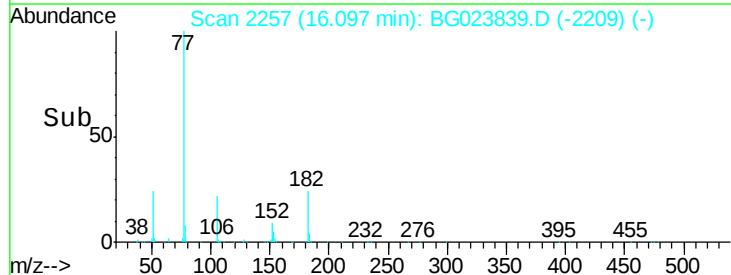
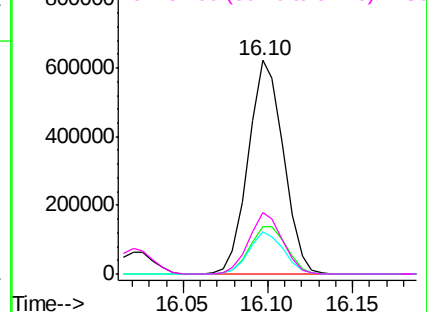


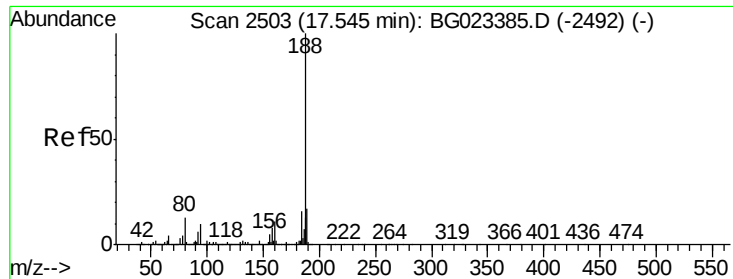
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

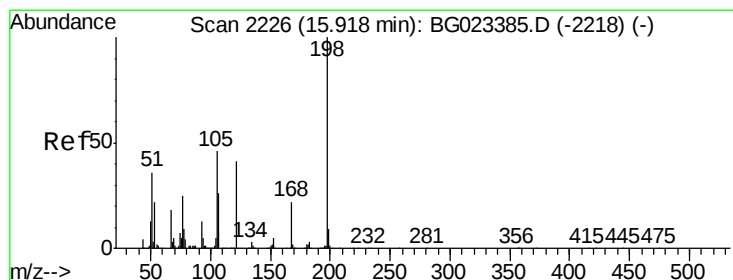
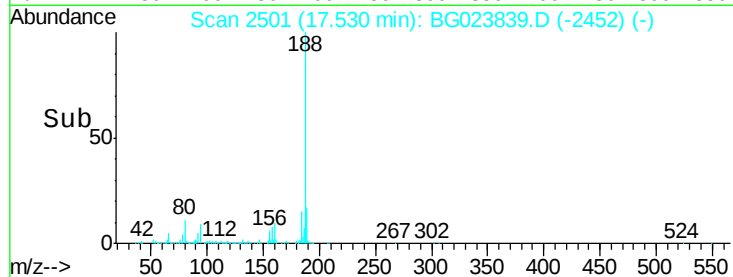
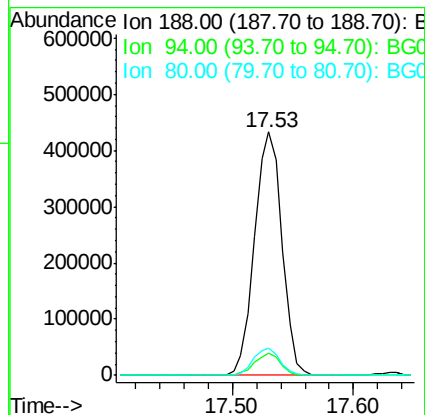
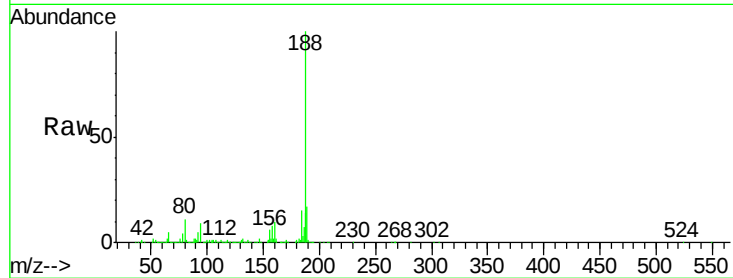
Tgt Ion:188 Resp: 685561

Ion Ratio Lower Upper

188 100

94 9.3 5.2 7.8#

80 11.0 7.2 10.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 21.98 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

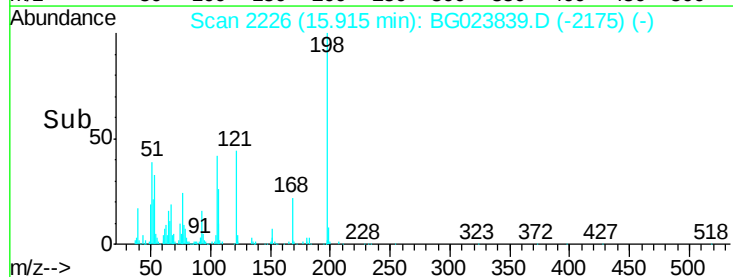
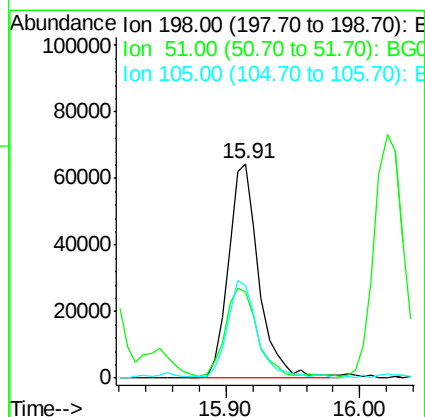
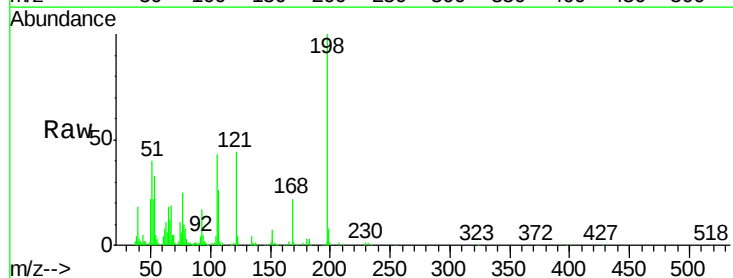
Tgt Ion:198 Resp: 102437

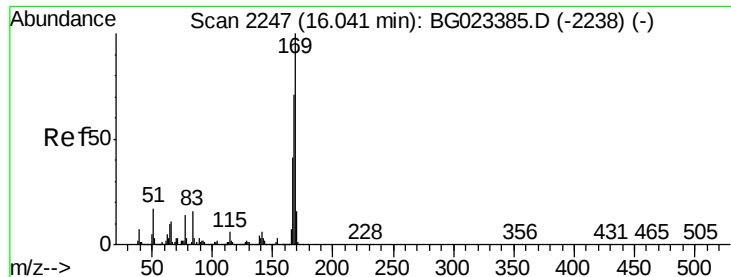
Ion Ratio Lower Upper

198 100

51 40.2 26.0 66.0

105 43.0 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 34.82 ng

RT: 16.02 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

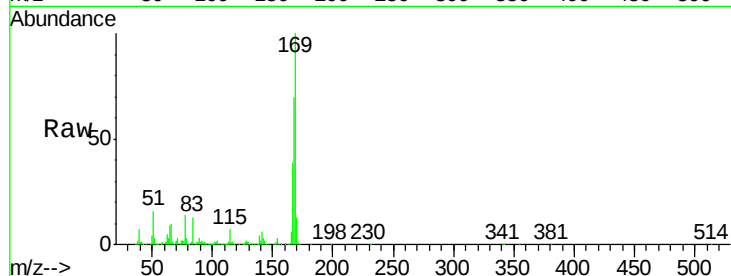
Tgt Ion:169 Resp: 700263

Ion Ratio Lower Upper

169 100

168 70.5 55.0 82.4

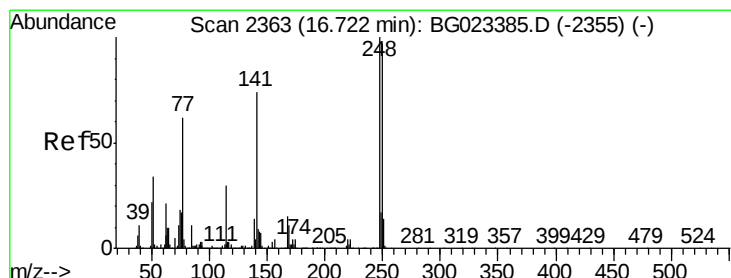
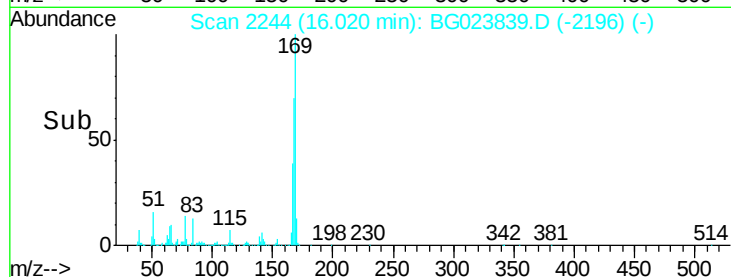
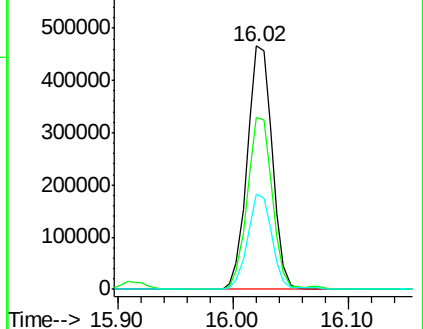
167 39.1 27.4 41.0



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: 34.56 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

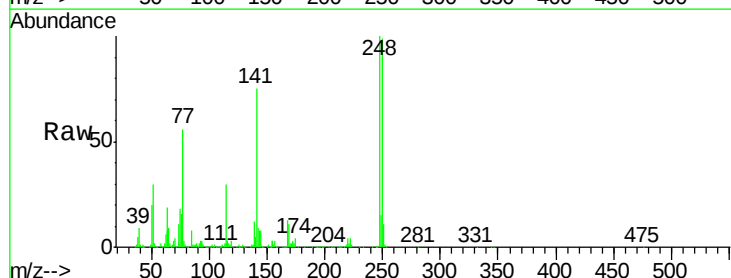
Tgt Ion:248 Resp: 276148

Ion Ratio Lower Upper

248 100

250 98.6 77.8 116.8

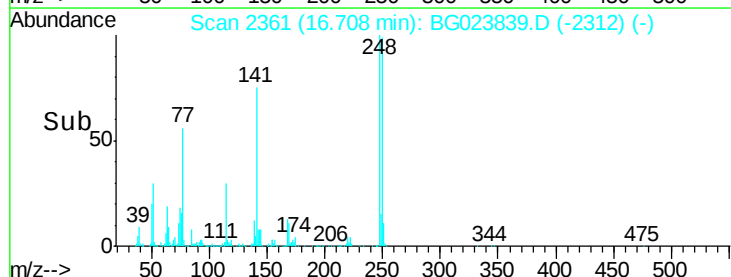
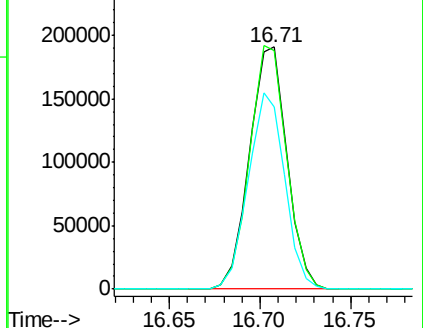
141 75.2 65.7 98.5

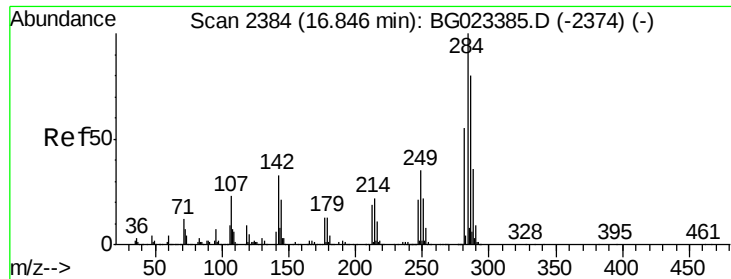


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

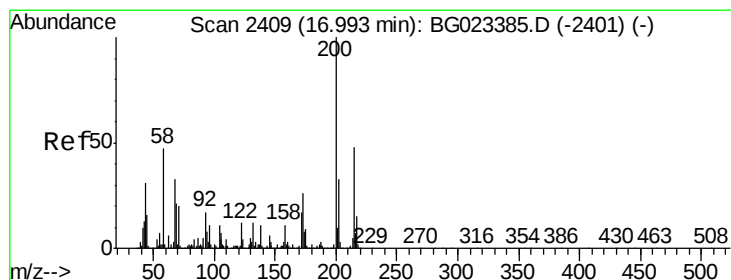
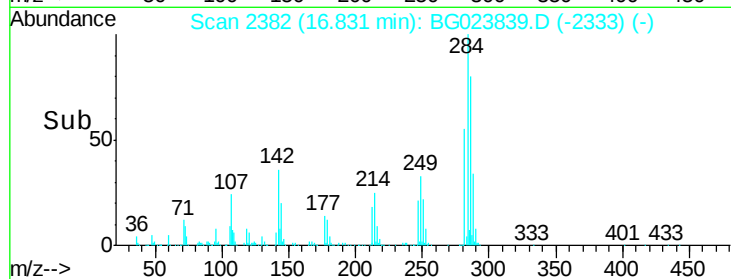
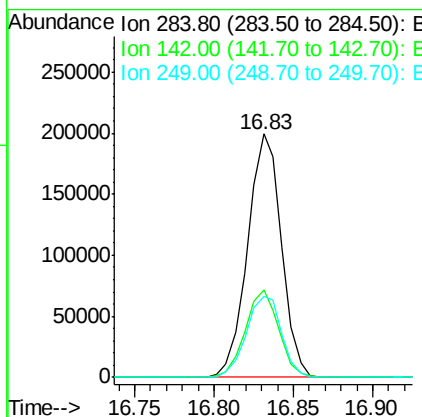
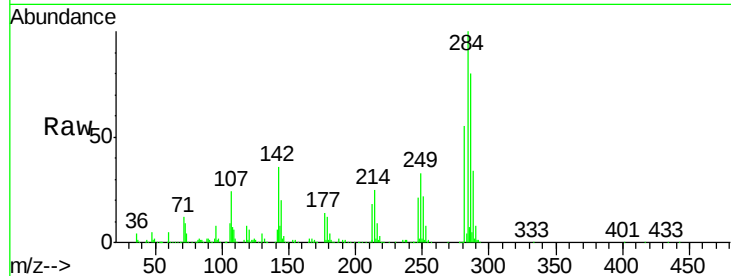




#67
Hexachlorobenzene
Concen: 33.67 ng
RT: 16.83 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

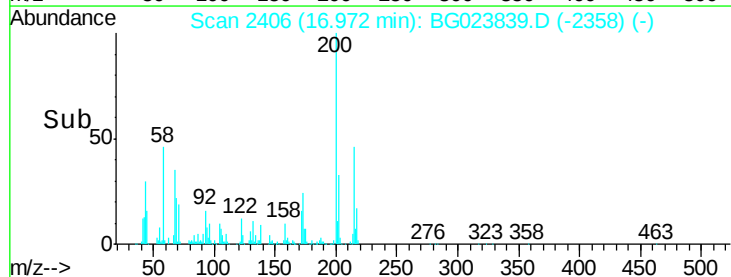
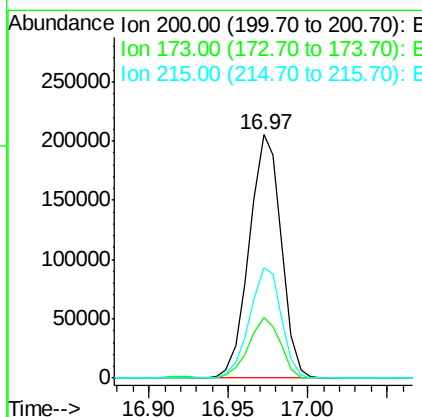
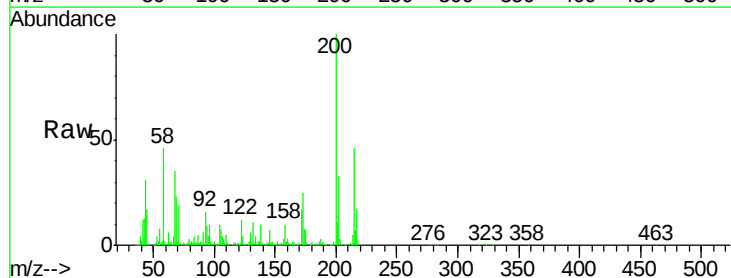
Instrument :
BNA_G
ClientSampleId :
PB92989BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	26.8	40.2
249	33.0	28.9	43.3



#68
Atrazine
Concen: 37.14 ng
RT: 16.97 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	1.6	41.6
215	45.6	28.7	68.7

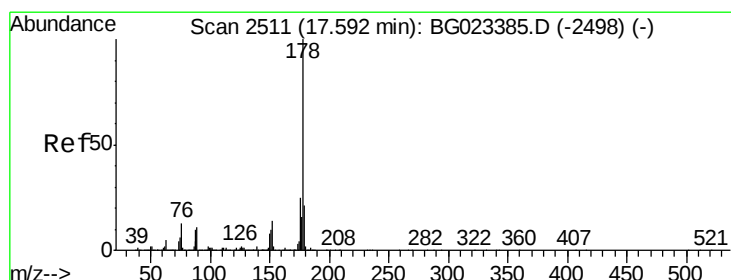
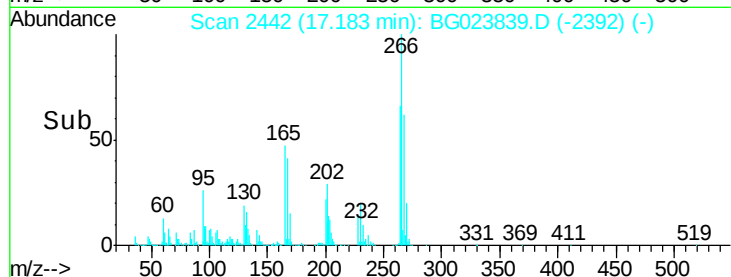
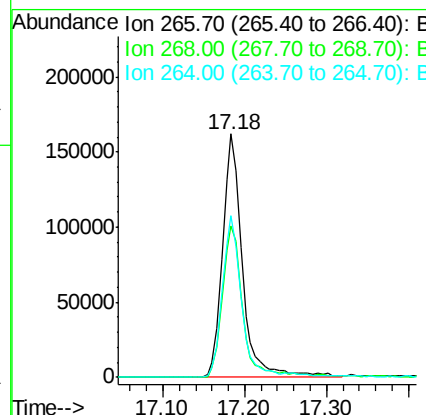
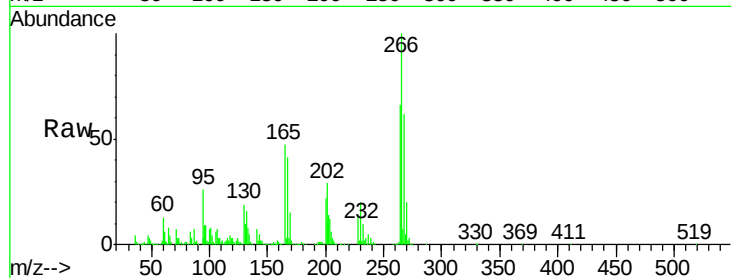




#69
 Pentachlorophenol
 Concen: 54.16 ng
 RT: 17.18 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

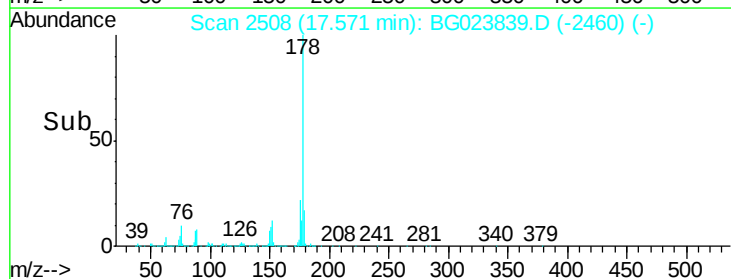
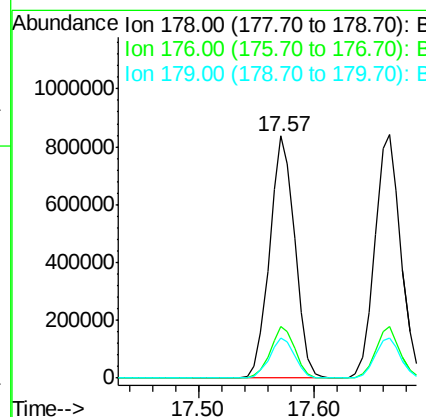
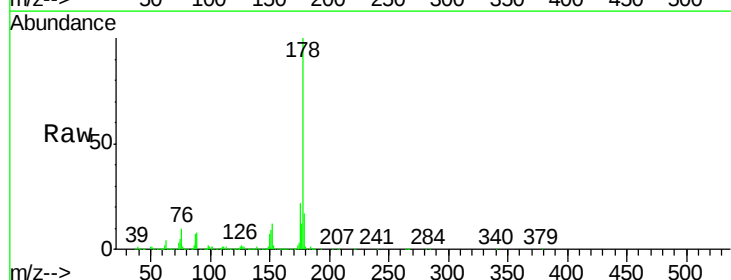
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

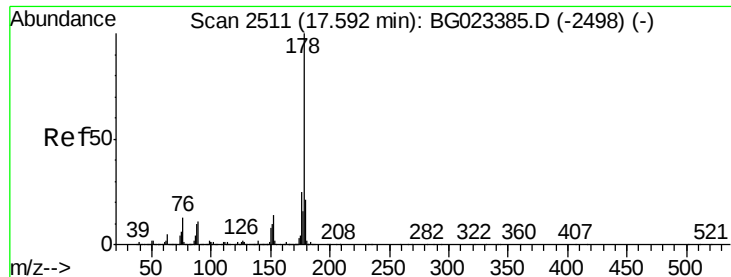
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.9	77.9
264	66.2	50.6	75.8



#70
 Phenanthrene
 Concen: 36.55 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	16.8	14.3	21.5

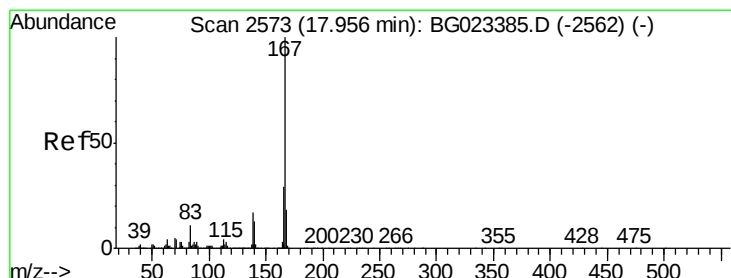
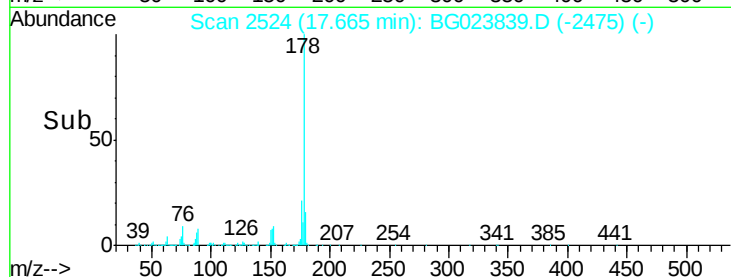
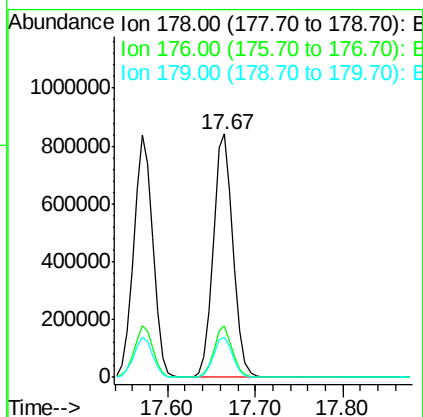
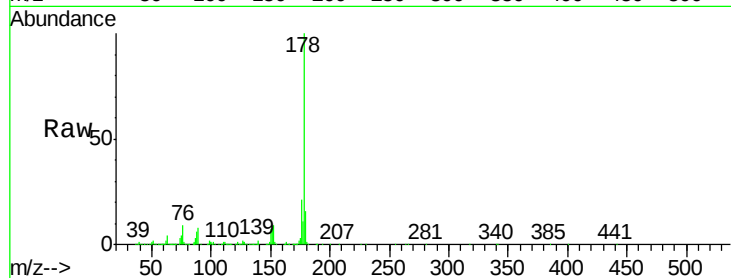




#71
 Anthracene
 Concen: 37.39 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

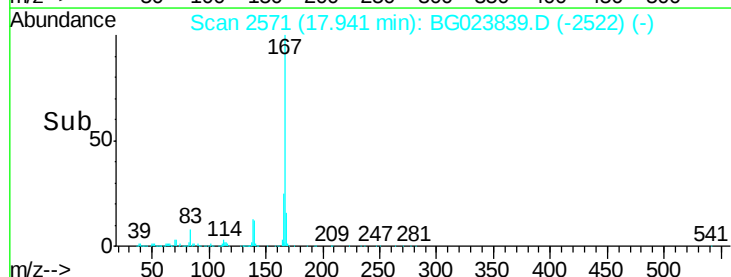
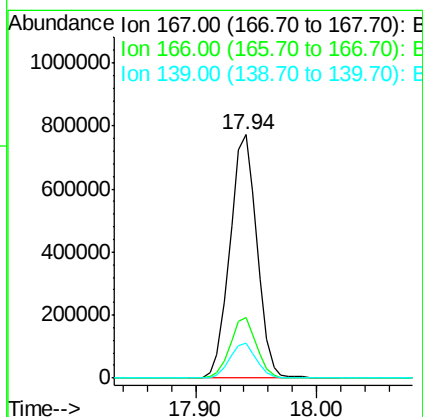
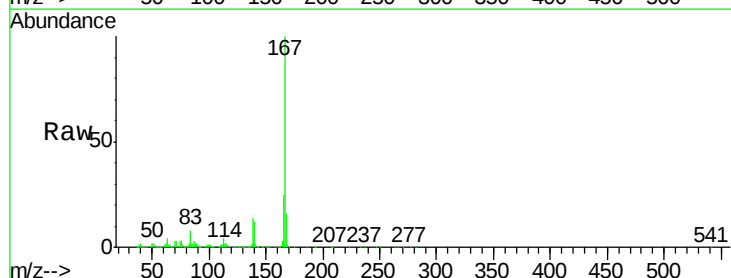
Instrument :
 BNA_G
 ClientSampled :
 PB92989BS

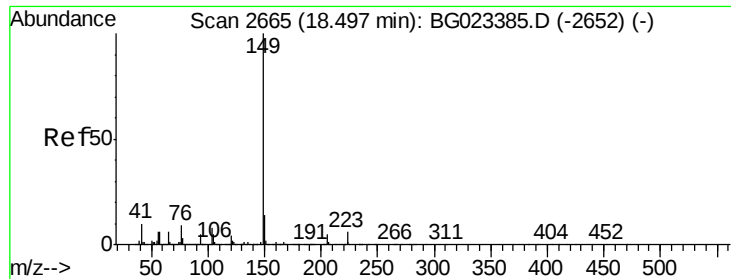
Tgt Ion:178 Resp: 1308308
 Ion Ratio Lower Upper
 178 100
 176 21.0 17.3 25.9
 179 16.2 14.0 21.0



#72
 Carbazole
 Concen: 39.16 ng
 RT: 17.94 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion:167 Resp: 1203014
 Ion Ratio Lower Upper
 167 100
 166 24.7 20.7 31.1
 139 14.2 11.9 17.9

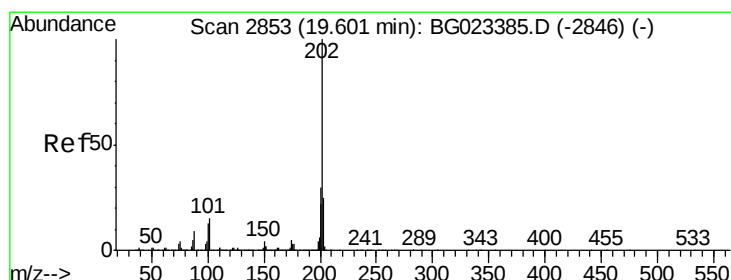
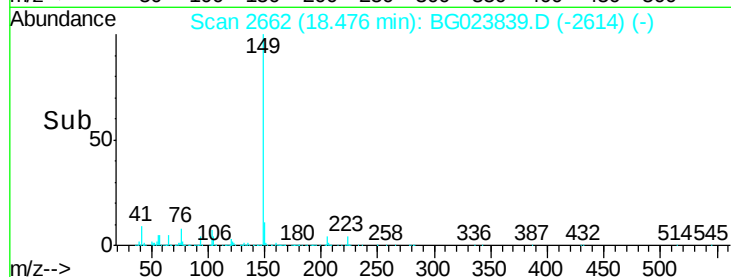
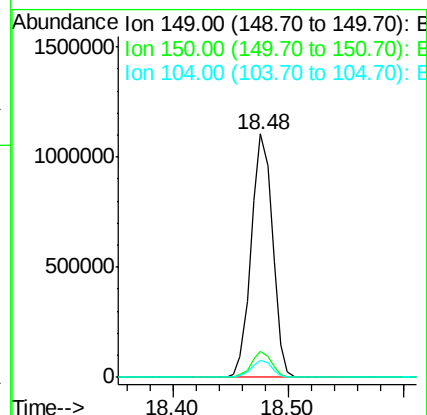
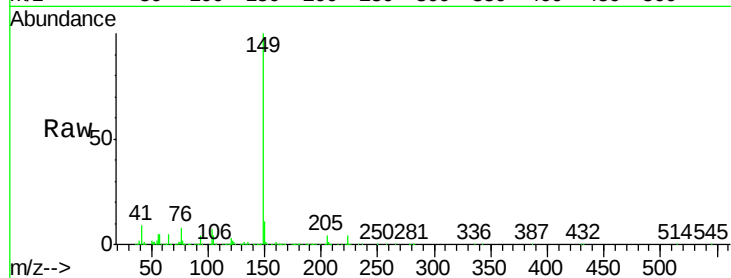




#73
Di-n-butylphthalate
Concen: 45.85 ng
RT: 18.48 min Scan# 2662
Delta R.T. -0.02 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

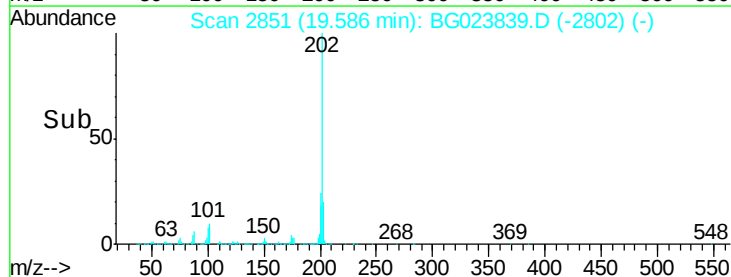
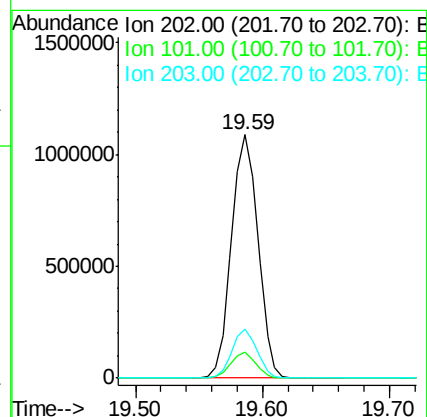
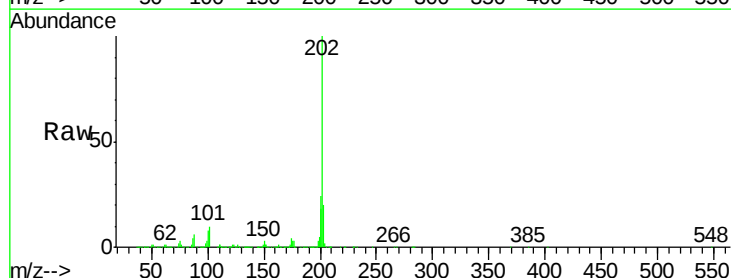
Instrument :
BNA_G
ClientSampleId :
PB92989BS

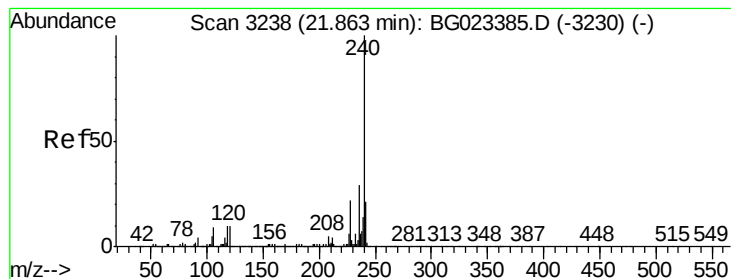
Tgt Ion:149 Resp: 1423941
Ion Ratio Lower Upper
149 100
150 10.9 9.1 13.7
104 7.1 6.9 10.3



#74
Fluoranthene
Concen: 48.92 ng
RT: 19.59 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG023839.D
Acq: 22 Aug 2016 18:45

Tgt Ion:202 Resp: 1575864
Ion Ratio Lower Upper
202 100
101 10.5 0.0 27.4
203 20.1 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

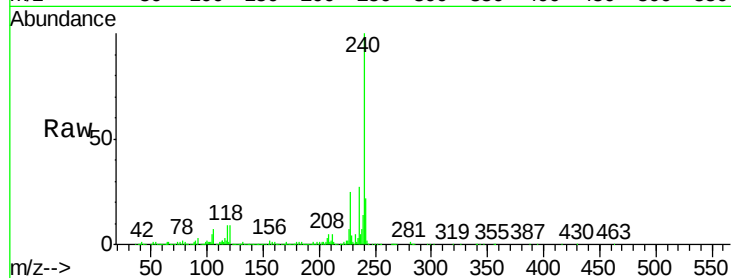
Tgt Ion:240 Resp: 796960

Ion Ratio Lower Upper

240 100

120 8.7 4.1 6.1#

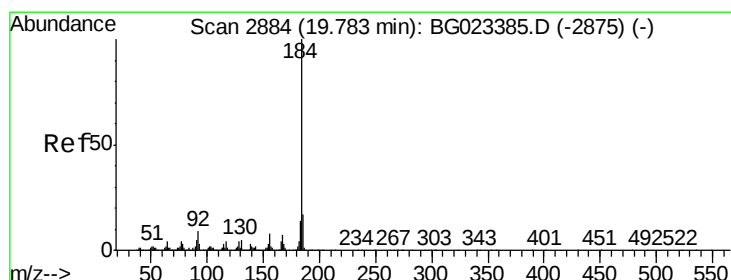
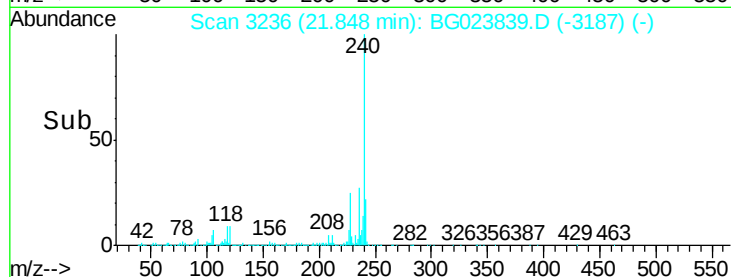
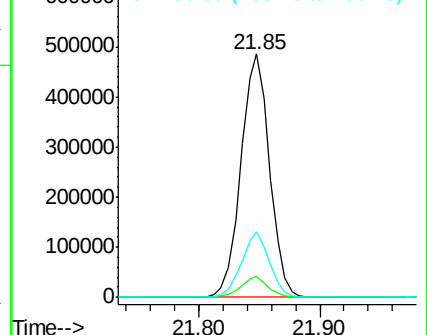
236 26.9 21.1 31.7



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: 25.31 ng

RT: 19.77 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

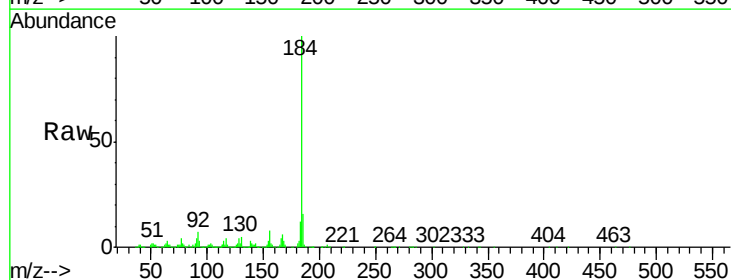
Tgt Ion:184 Resp: 560643

Ion Ratio Lower Upper

184 100

185 16.2 12.6 19.0

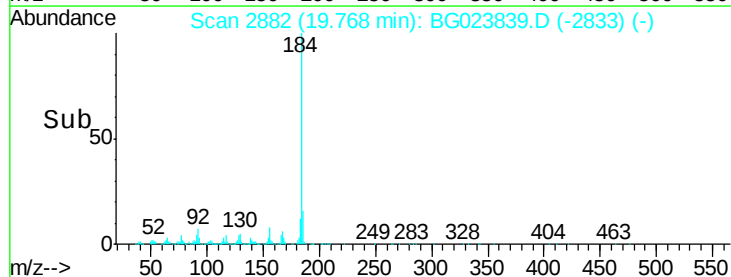
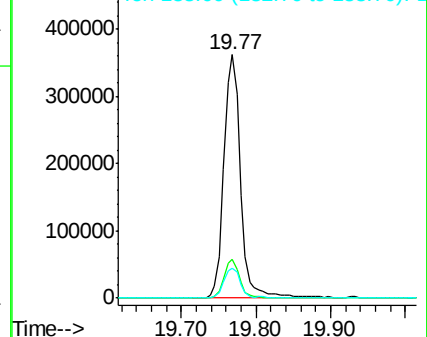
183 12.4 10.7 16.1

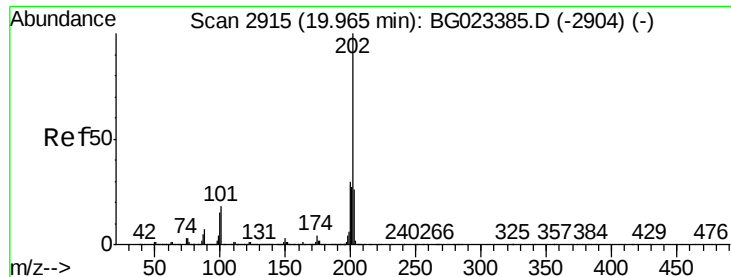


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

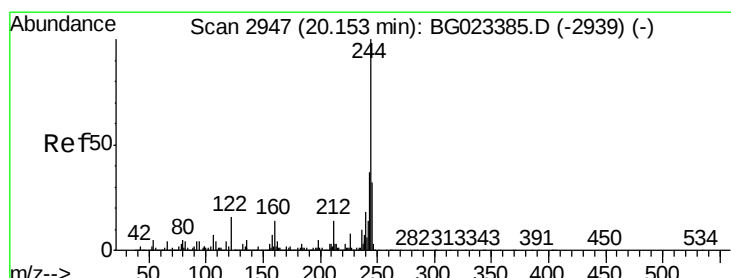
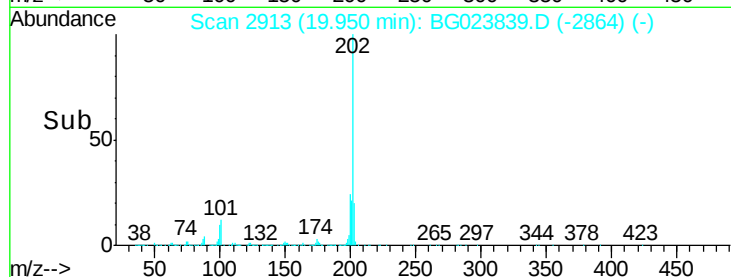
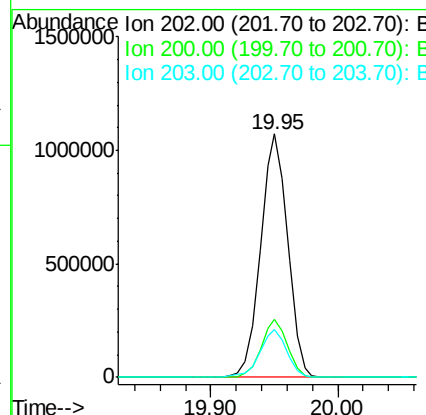
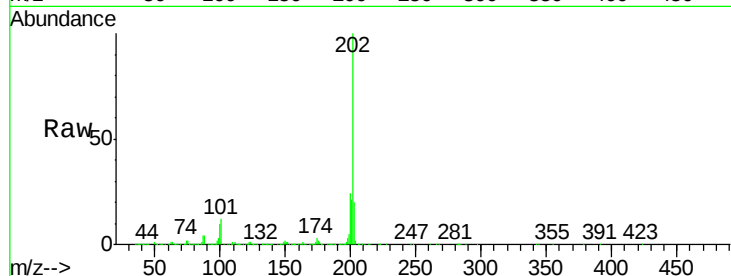




#77
 Pyrene
 Concen: 32.89 ng
 RT: 19.95 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

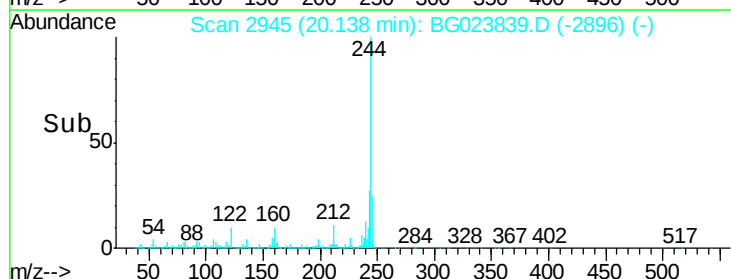
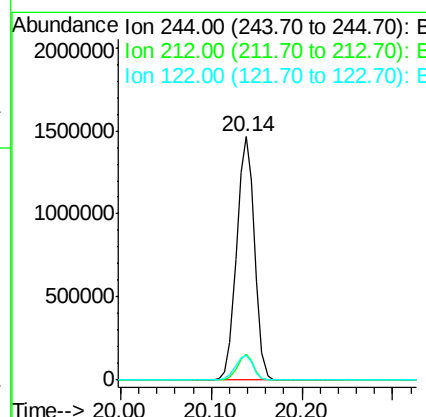
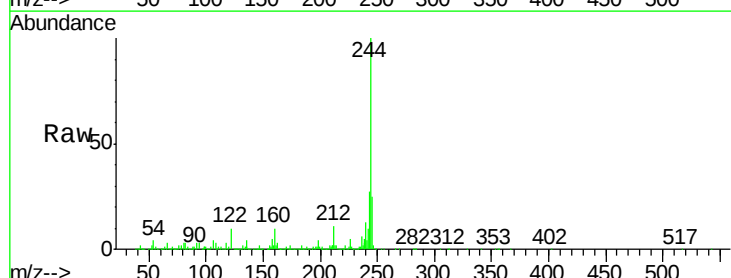
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

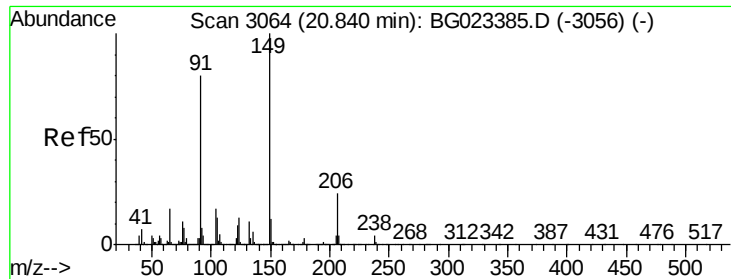
Tgt Ion: 202 Resp: 1591338
 Ion Ratio Lower Upper
 202 100
 200 24.0 21.2 31.8
 203 19.7 16.8 25.2



#78
 Terphenyl-d14
 Concen: 77.82 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion: 244 Resp: 2022912
 Ion Ratio Lower Upper
 244 100
 212 10.7 10.8 16.2#
 122 10.4 8.0 12.0





#79

Butylbenzylphthalate

Concen: 37.79 ng

RT: 20.82 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

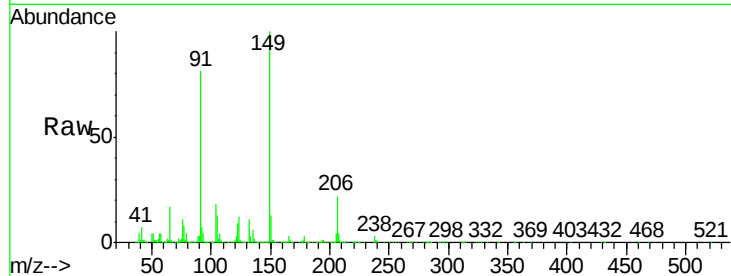
Instrument :

BNA_G

ClientSampleId :

PB92989BS

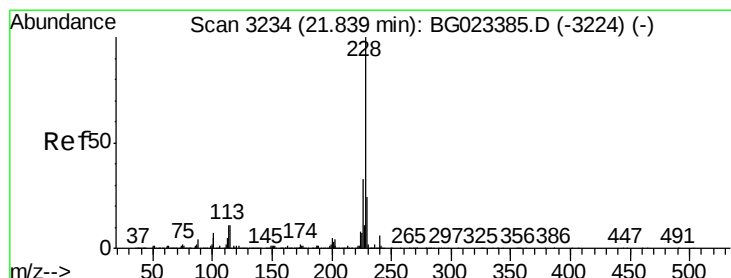
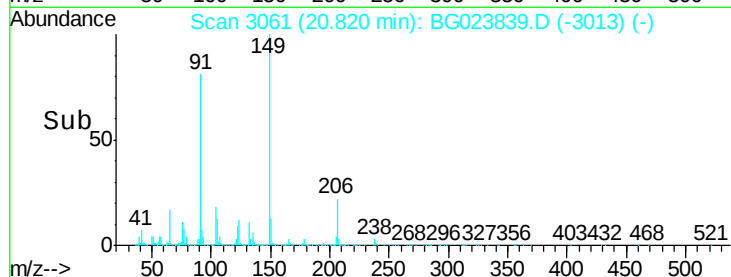
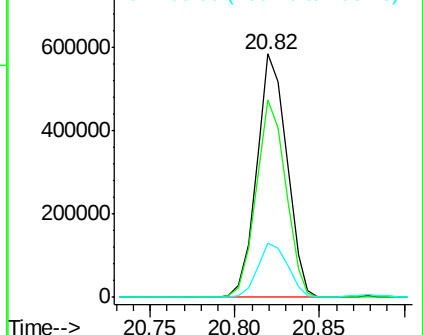
Tgt Ion:	149	Resp:	725281
Ion Ratio	Lower	Upper	
149	100		
91	81.2	68.1	102.1
206	22.3	19.8	29.6



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: 36.38 ng

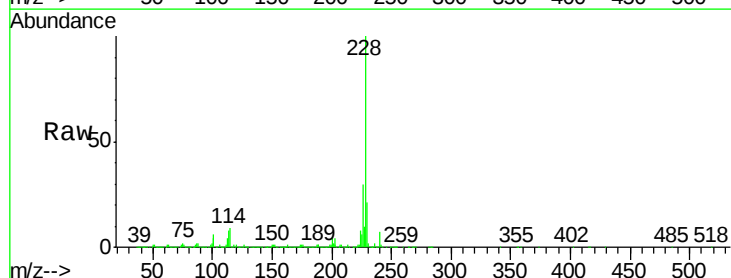
RT: 21.82 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

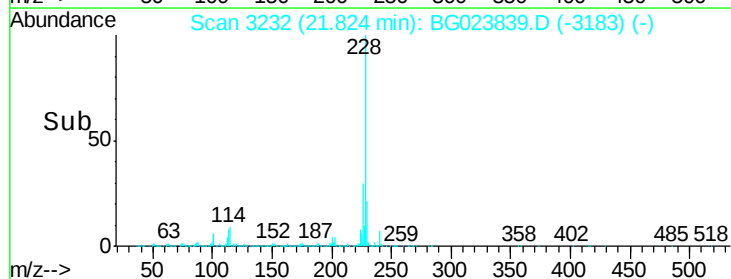
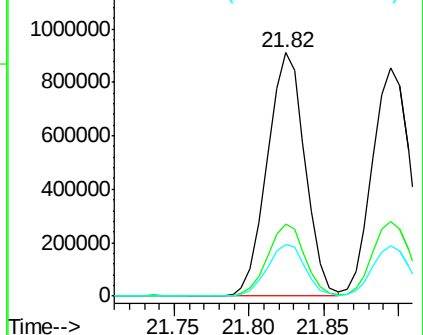
Tgt Ion:	228	Resp:	1600674
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.3	37.9
229	21.2	19.9	29.9

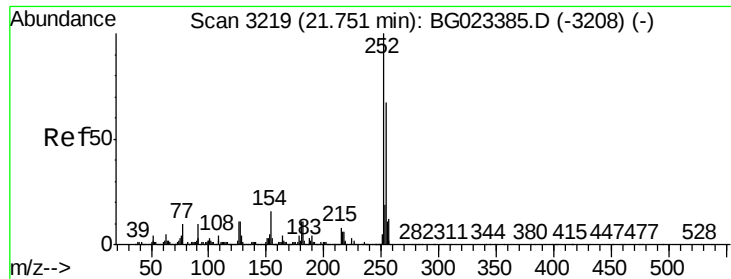


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

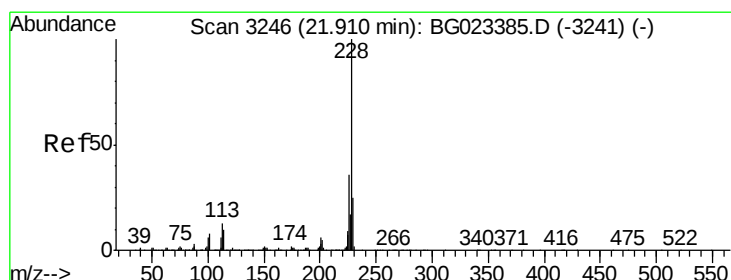
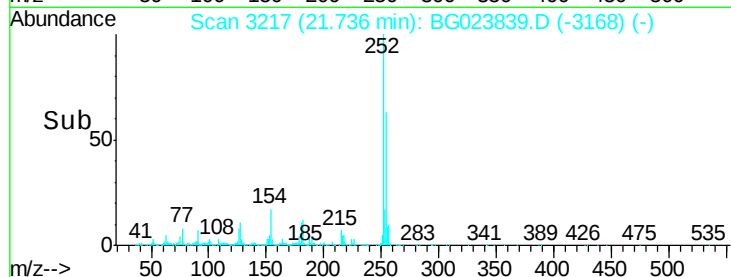
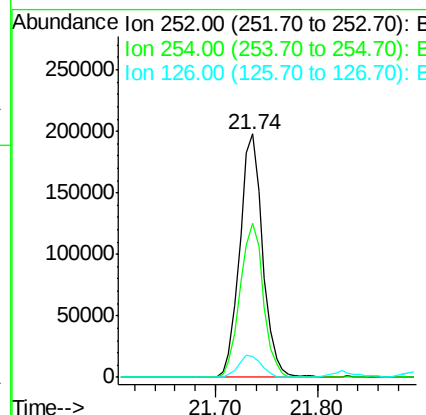
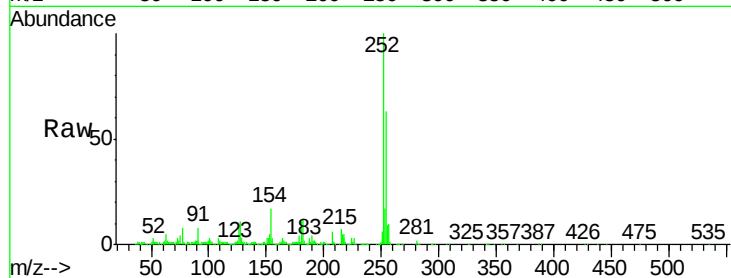




#81
 3,3'-Dichlorobenzidine
 Concen: 17.22 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

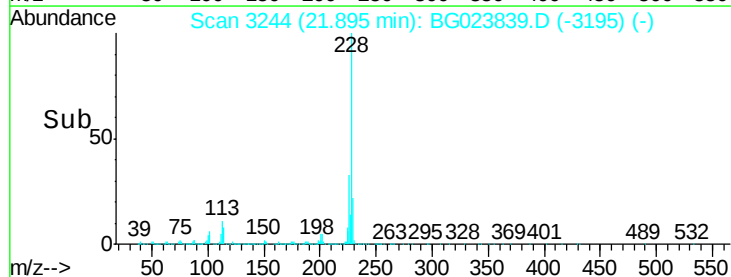
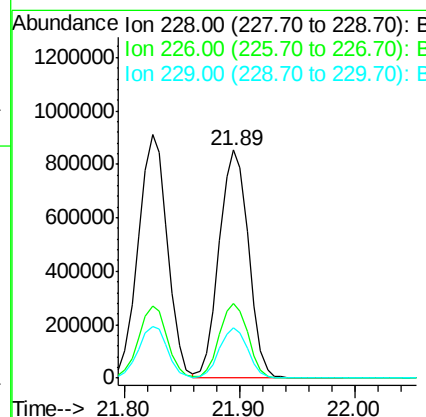
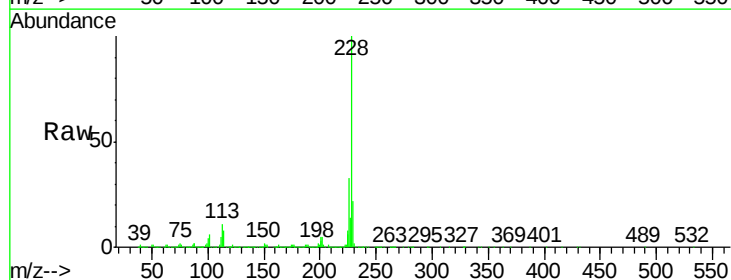
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

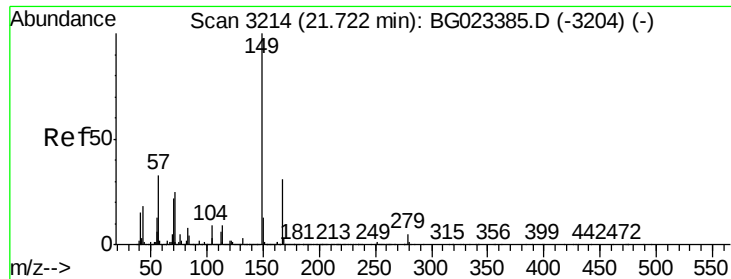
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.2	76.8
126	8.5	5.3	7.9#



#82
 Chrysene
 Concen: 35.73 ng
 RT: 21.89 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.7	40.1
229	22.0	17.4	26.2

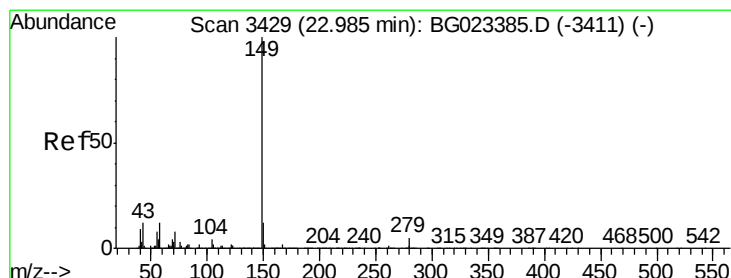
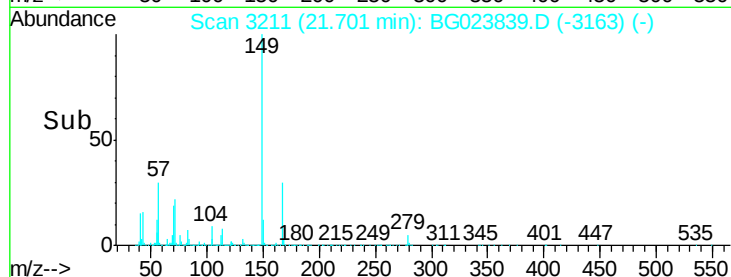
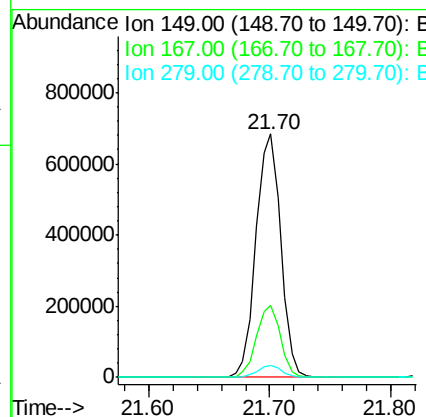
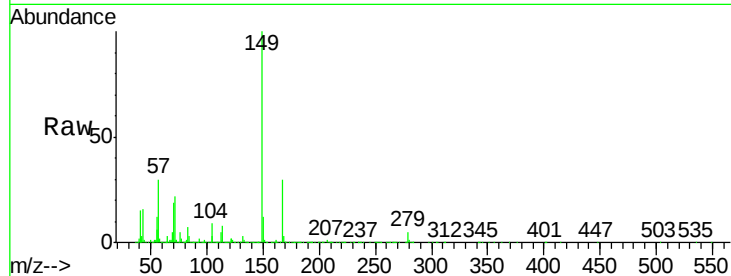




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.34 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. -0.02 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

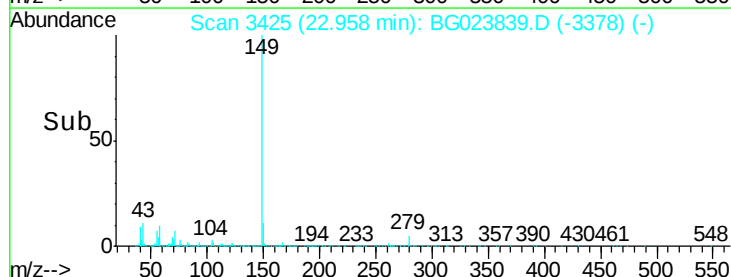
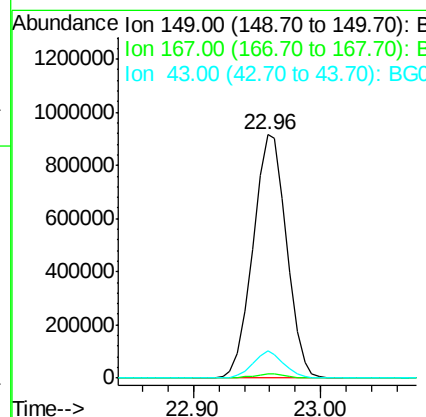
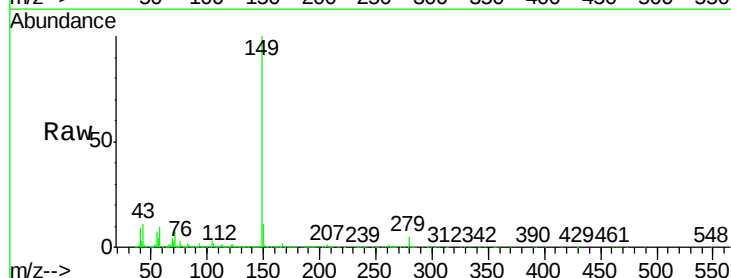
Instrument :
 BNA_G
 ClientSampleId :
 PB92989BS

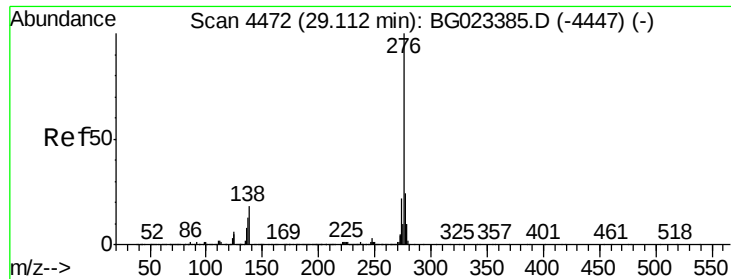
Tgt Ion:149 Resp: 981379
 Ion Ratio Lower Upper
 149 100
 167 29.8 24.0 36.0
 279 4.8 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 37.50 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.03 min
 Lab File: BG023839.D
 Acq: 22 Aug 2016 18:45

Tgt Ion:149 Resp: 1682140
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.1 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.19 ng

RT: 29.11 min Scan# 4473

Delta R.T. 0.00 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

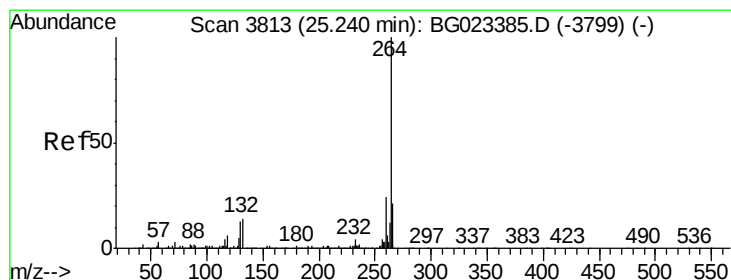
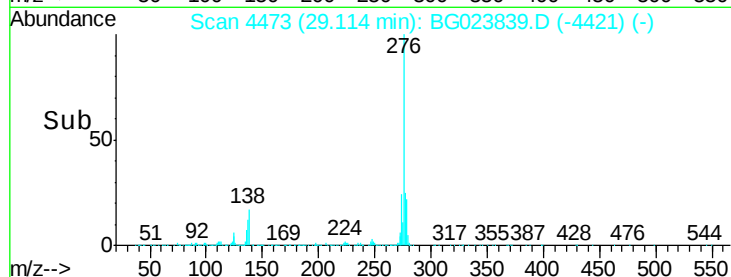
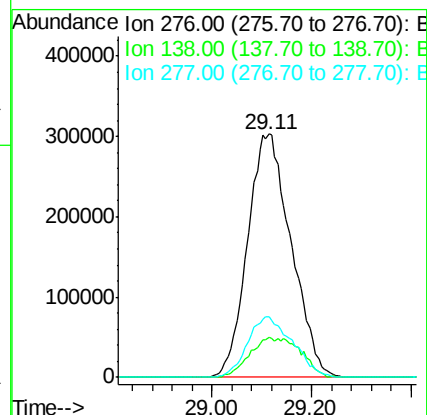
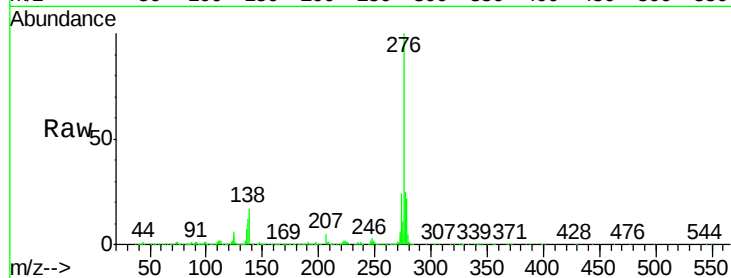
Tgt Ion:276 Resp: 1840313

Ion Ratio Lower Upper

276 100

138 9.7 0.0 0.0#

277 25.7 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

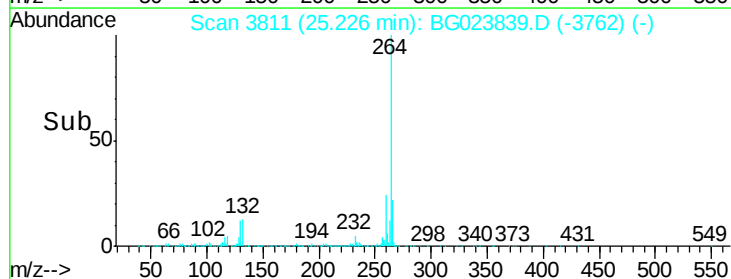
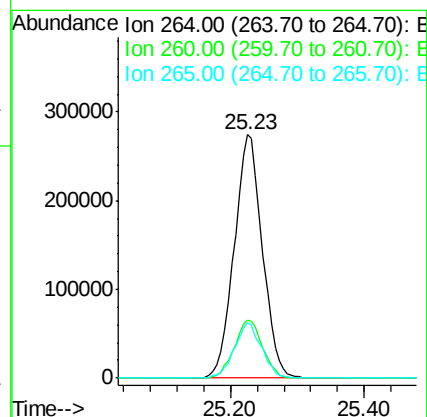
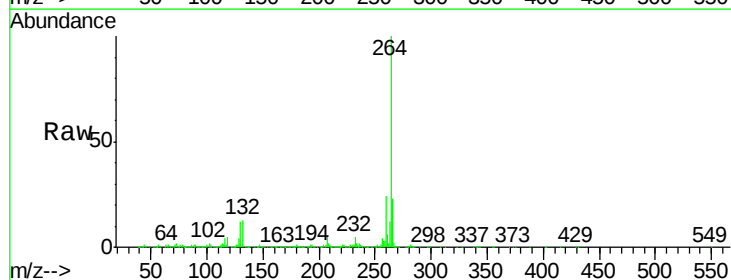
Tgt Ion:264 Resp: 803169

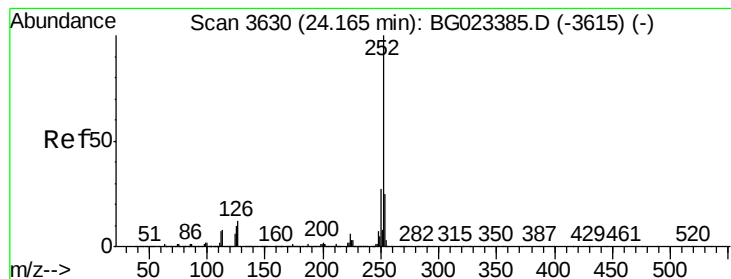
Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.7 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 35.65 ng

RT: 24.14 min Scan# 3627

Delta R.T. -0.02 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

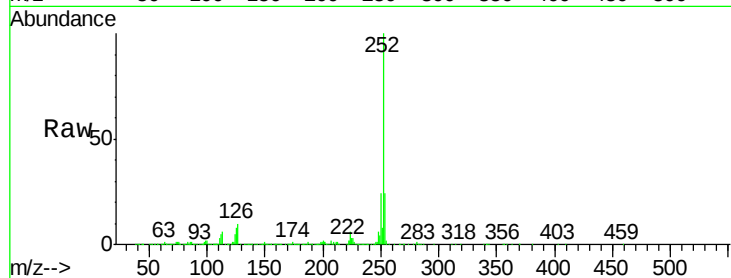
Tgt Ion:252 Resp: 1611146

Ion Ratio Lower Upper

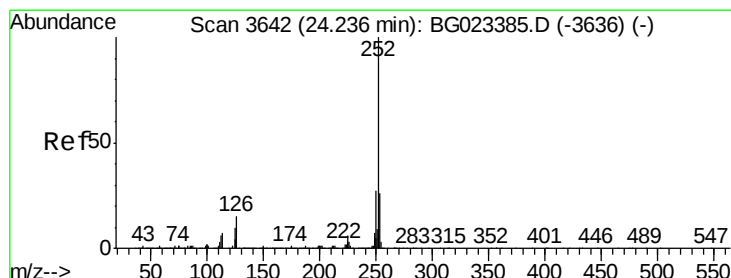
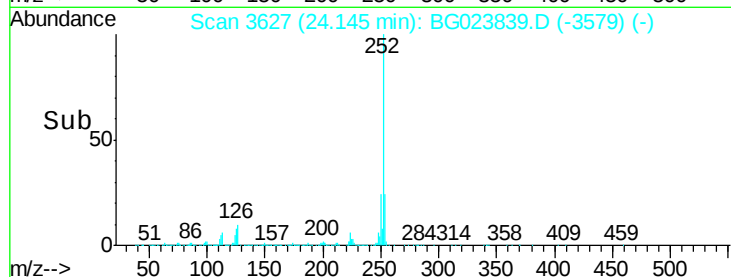
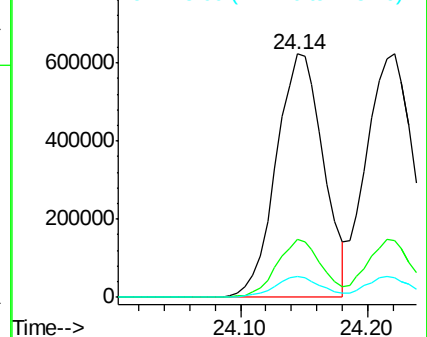
252 100

253 24.0 18.9 28.3

125 8.5 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: 36.52 ng

RT: 24.22 min Scan# 3640

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

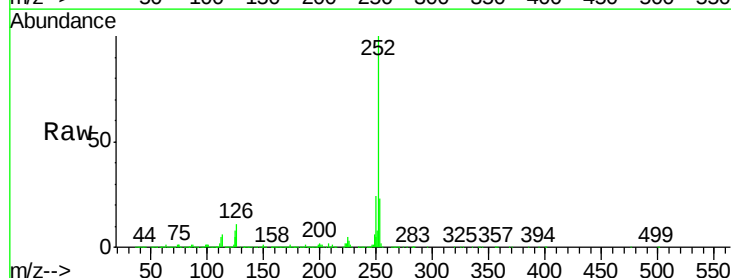
Tgt Ion:252 Resp: 1585105

Ion Ratio Lower Upper

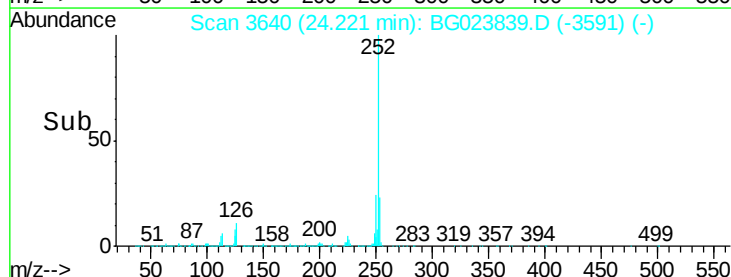
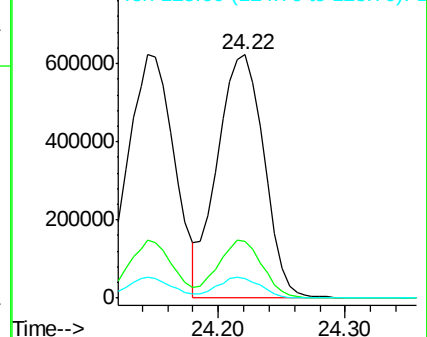
252 100

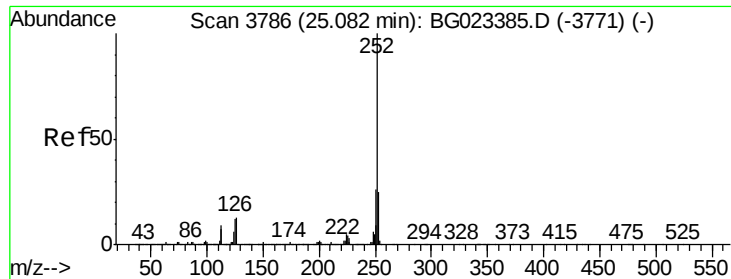
253 23.2 18.8 28.2

125 7.9 3.2 4.8#



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





#89

Benzo(a)pyrene

Concen: 36.54 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

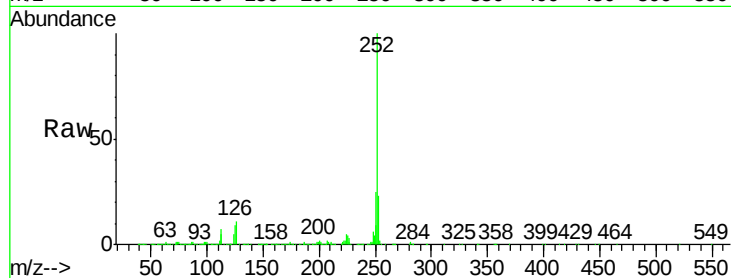
Tgt Ion:252 Resp: 1570513

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

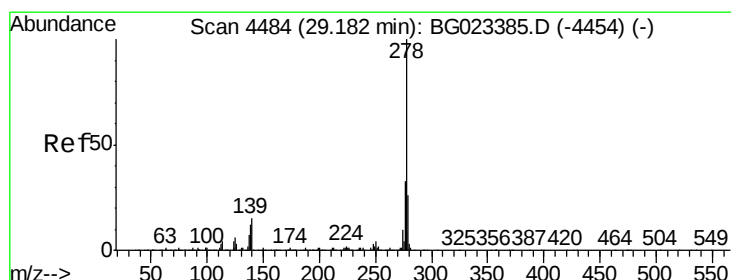
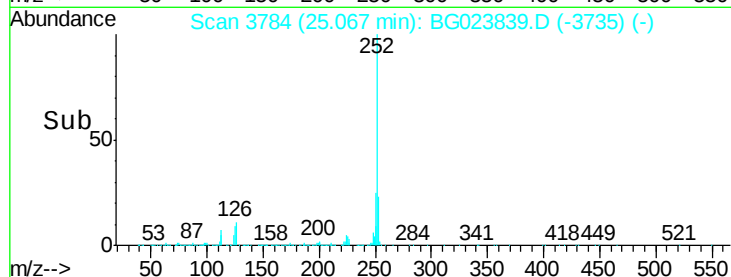
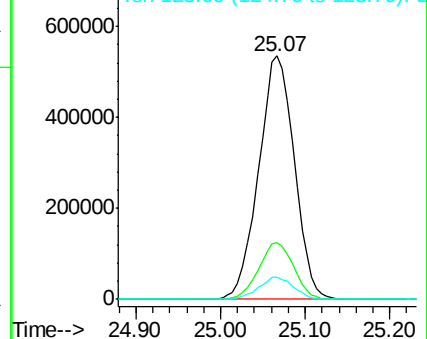
125 9.2 3.9 5.9#



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: 35.88 ng

RT: 29.17 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

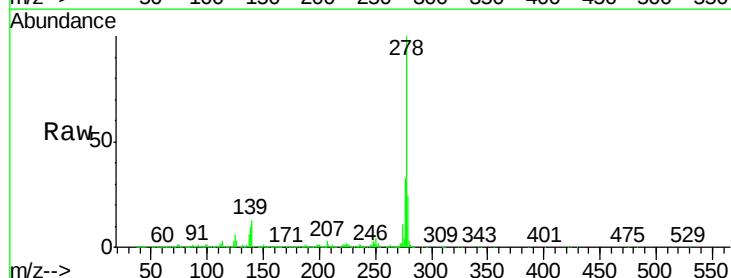
Tgt Ion:278 Resp: 1575249

Ion Ratio Lower Upper

278 100

139 13.3 4.7 7.1#

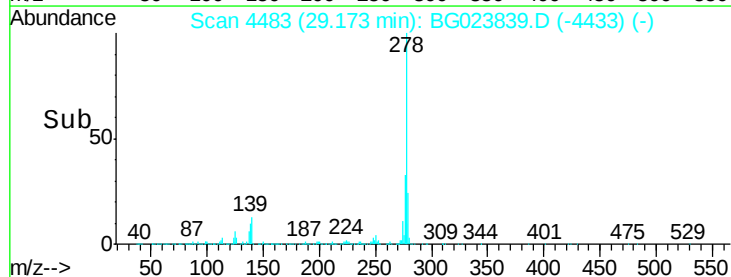
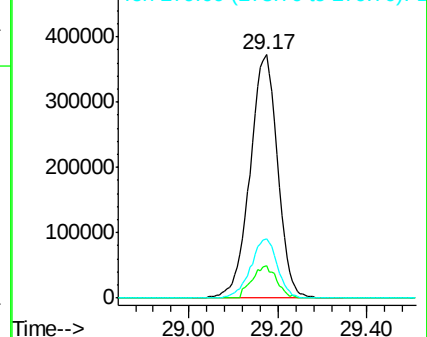
279 24.3 18.3 27.5

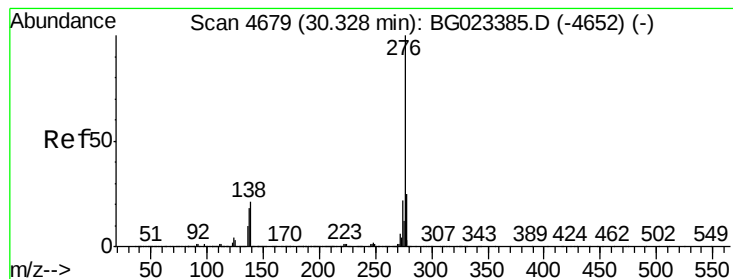


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.16 ng

RT: 30.33 min Scan# 4680

Delta R.T. 0.00 min

Lab File: BG023839.D

Acq: 22 Aug 2016 18:45

Instrument :

BNA_G

ClientSampleId :

PB92989BS

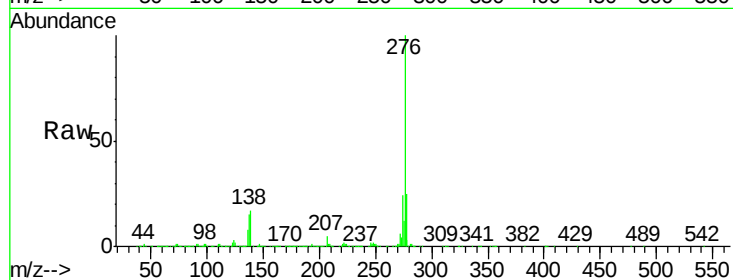
Tgt Ion:276 Resp: 1510283

Ion Ratio Lower Upper

276 100

277 25.5 18.6 27.8

138 17.1 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

