

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
 Data File : BG023748.D
 Acq On : 17 Aug 2016 11:40
 Operator : UM/SJ
 Sample : H4449-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 17 15:58:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	115105	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	532037	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	362560	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	823428	20.00	ng	0.00
75) Chrysene-d12	21.87	240	780774	20.00	ng	0.00
86) Perylene-d12	25.27	264	770855	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	815271	119.22	ng	-0.01
7) Phenol-d6	7.26	99	1163712	109.26	ng	-0.01
23) Nitrobenzene-d5	9.28	82	914954	85.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	608807	114.80	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1851435	86.13	ng	0.00
78) Terphenyl-d14	20.15	244	2424197	100.70	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	82239	28.23	ng	# 81
3) Pyridine	3.92	79	249293	26.04	ng	92
4) n-Nitrosodimethylamine	3.83	42	141569	39.88	ng	# 85
6) Aniline	7.42	93	326110	21.19	ng	95
8) 2-Chlorophenol	7.67	128	323736	41.21	ng	98
9) Benzaldehyde	7.23	77	87332	11.44	ng	94
10) Phenol	7.29	94	423796	37.19	ng	88
11) bis(2-Chloroethyl)ether	7.51	93	341722	37.60	ng	89
12) 1,3-Dichlorobenzene	7.99	146	336674	37.43	ng	94
13) 1,4-Dichlorobenzene	8.14	146	341428	37.08	ng	94
14) 1,2-Dichlorobenzene	8.46	146	331143	36.66	ng	95
15) Benzyl Alcohol	8.35	79	406709	50.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	492089	36.81	ng	89
17) 2-Methylphenol	8.55	107	313856	41.09	ng	92
18) Hexachloroethane	9.19	117	136142	39.28	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	351063	38.32	ng	98
20) 3+4-Methylphenols	8.89	107	439909	40.85	ng	91
22) Acetophenone	8.94	105	515891	35.41	ng	# 92
24) Nitrobenzene	9.32	77	514061	43.38	ng	91
25) Isophorone	9.85	82	942788	42.29	ng	# 95
26) 2-Nitrophenol	10.04	139	208898	41.77	ng	# 81
27) 2,4-Dimethylphenol	10.10	122	357399	41.97	ng	89
28) bis(2-Chloroethoxy)methane	10.33	93	518171	38.67	ng	99
29) 2,4-Dichlorophenol	10.59	162	388523	45.37	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	377093	40.83	ng	98
31) Naphthalene	10.99	128	1111403	41.02	ng	99
32) Benzoic acid	10.26	122	211012	29.74	ng	97
33) 4-Chloroaniline	11.11	127	98426	7.60	ng	91
34) Hexachlorobutadiene	11.26	225	250489	41.24	ng	98
35) Caprolactam	11.90	113	67238	18.66	ng	88
36) 4-Chloro-3-methylphenol	12.23	107	486274	43.22	ng	98
37) 2-Methylnaphthalene	12.60	142	849304	41.23	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	442373	33.65	ng	99
40) Hexachlorocyclopentadiene	12.93	237	210808	31.80	ng	98

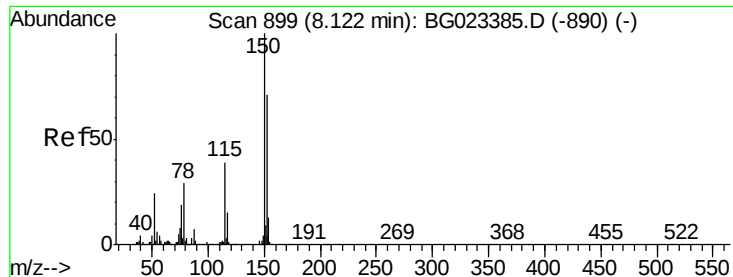
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
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 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	341394	43.59	nq	97
43) 2,4,5-Trichlorophenol	13.29	196	354772	44.00	nq	93
45) 1,1'-Biphenyl	13.60	154	1037500	37.43	nq	92
46) 2-Chloronaphthalene	13.65	162	923250	43.06	nq	97
47) 2-Nitroaniline	13.86	65	394482	44.31	nq	93
48) Acenaphthylene	14.50	152	1450019	42.78	nq	97
49) Dimethylphthalate	14.22	163	1196625	43.02	nq	98
50) 2,6-Dinitrotoluene	14.35	165	285912	43.40	nq	84
51) Acenaphthene	14.84	154	929067	43.27	nq	96
52) 3-Nitroaniline	14.69	138	184282	24.81	nq	82
53) 2,4-Dinitrophenol	14.91	184	269755	63.88	nq	92
54) Dibenzofuran	15.18	168	1446483	46.40	nq	98
55) 4-Nitrophenol	15.02	139	395691	67.82	nq	# 86
56) 2,4-Dinitrotoluene	15.15	165	406767	44.00	nq	98
57) Fluorene	15.83	166	1180897	43.41	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	335900	45.40	nq	93
59) Diethylphthalate	15.59	149	1244663	44.08	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	613005	42.58	nq	99
61) 4-Nitroaniline	15.86	138	278467	35.21	nq	# 67
62) Azobenzene	16.11	77	1384283	48.36	nq	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	211457	37.77	nq	92
65) n-Nitrosodiphenylamine	16.03	169	1067781	44.21	nq	94
66) 4-Bromophenyl-phenylether	16.71	248	419073	43.67	nq	98
67) Hexachlorobenzene	16.84	284	441300	42.03	nq	97
68) Atrazine	16.98	200	419685	45.25	nq	97
69) Pentachlorophenol	17.20	266	438073	71.57	nq	98
70) Phenanthrene	17.58	178	1806517	43.24	nq	97
71) Anthracene	17.68	178	1835518	43.68	nq	98
72) Carbazole	17.95	167	1652727	44.79	nq	99
73) Di-n-butylphthalate	18.49	149	1940421	53.26	nq	99
74) Fluoranthene	19.60	202	1954749	50.87	nq	97
76) Benzidine	19.77	184	475625	21.91	nq	97
77) Pyrene	19.96	202	1970190	44.45	nq	100
79) Butylbenzylphthalate	20.84	149	920738	48.97	nq	95
80) Benzo(a)anthracene	21.85	228	1915886	44.45	nq	98
81) 3,3'-Dichlorobenzidine	21.75	252	485526	27.47	nq	# 99
82) Chrysene	21.91	228	1797615	43.84	nq	98
83) Bis(2-ethylhexyl)phthalate	21.71	149	1250906	48.59	nq	# 98
84) Di-n-octyl phthalate	22.99	149	2102035	47.84	nq	100
85) Indeno(1,2,3-cd)pyrene	29.19	276	2178547	42.52	nq	# 100
87) Benzo(b)fluoranthene	24.19	252	1944149	44.83	nq	# 97
88) Benzo(k)fluoranthene	24.26	252	1819129	43.67	nq	# 97
89) Benzo(a)pyrene	25.11	252	1868884	45.31	nq	# 96
90) Dibenzo(a,h)anthracene	29.25	278	1909499	45.32	nq	# 91
91) Benzo(g,h,i)perylene	30.41	276	1772491	41.77	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampled :

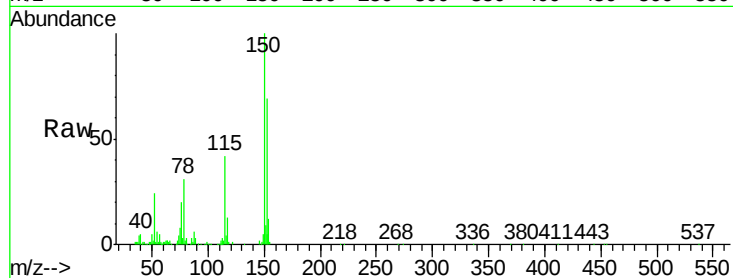
Tot Ion:152 Resp: 115105

Ion Ratio Lower Upper

152 100

150 144.4 144.7 217.1#

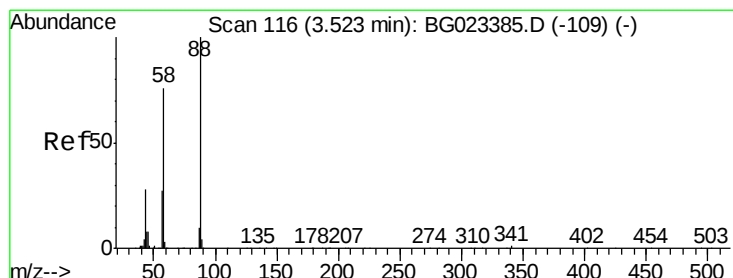
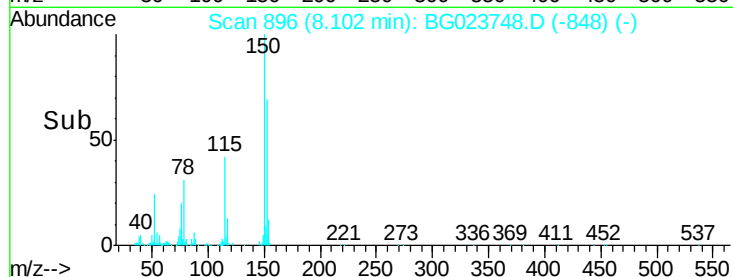
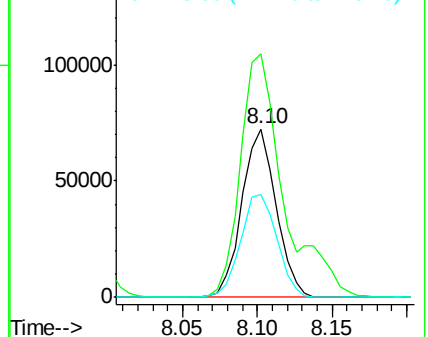
115 61.0 64.0 96.0#



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: 28.23 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

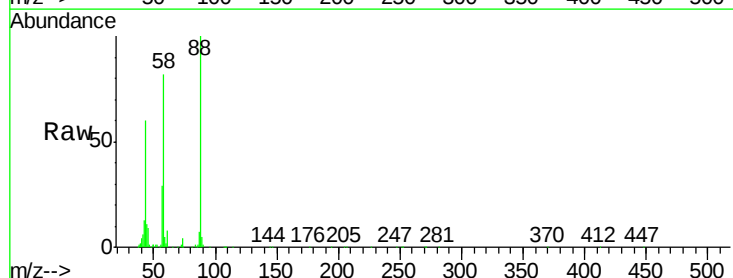
Tgt Ion: 88 Resp: 82239

Ion Ratio Lower Upper

88 100

58 84.0 60.4 90.6

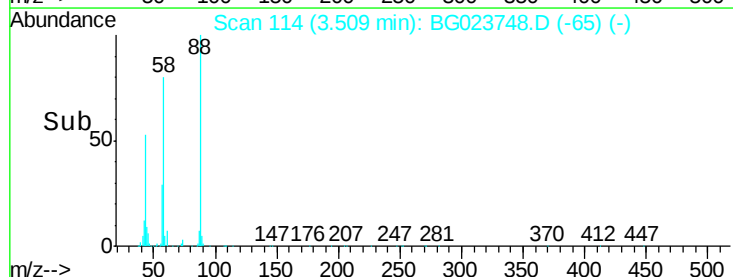
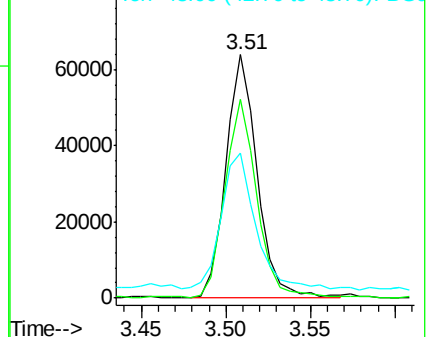
43 60.4 31.1 46.7#

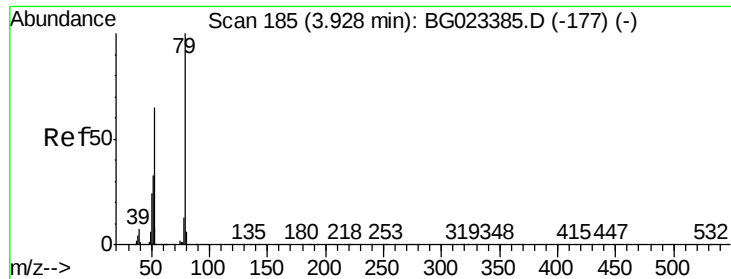


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.04 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

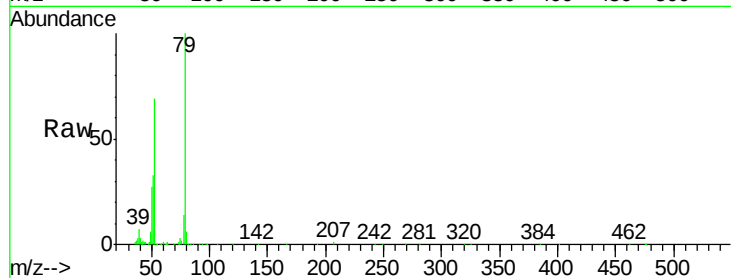
Tot Ion: 79 Resp: 249293

Ion Ratio Lower Upper

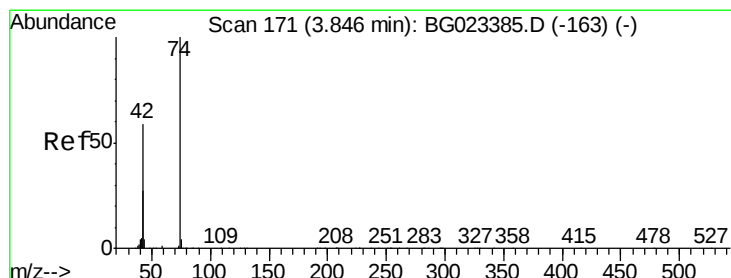
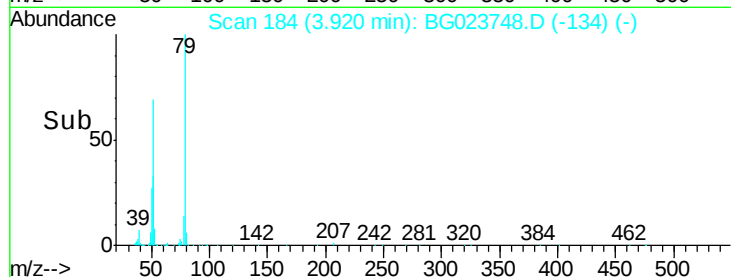
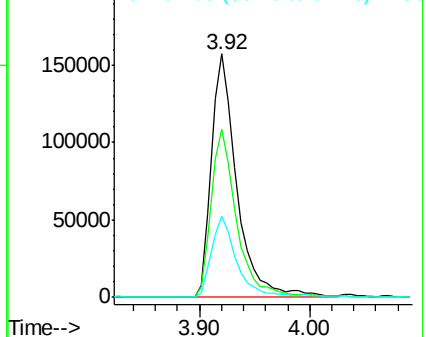
79 100

52 69.0 51.8 77.8

51 33.4 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.88 ng

RT: 3.83 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

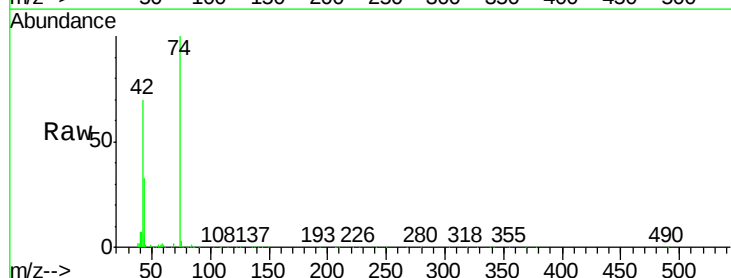
Tgt Ion: 42 Resp: 141569

Ion Ratio Lower Upper

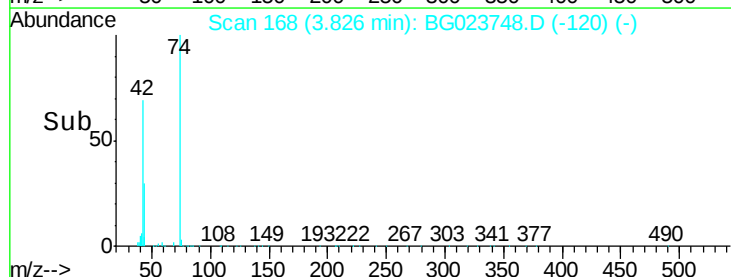
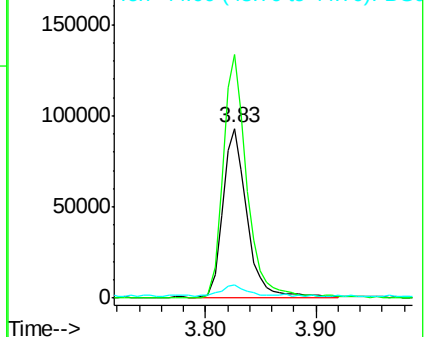
42 100

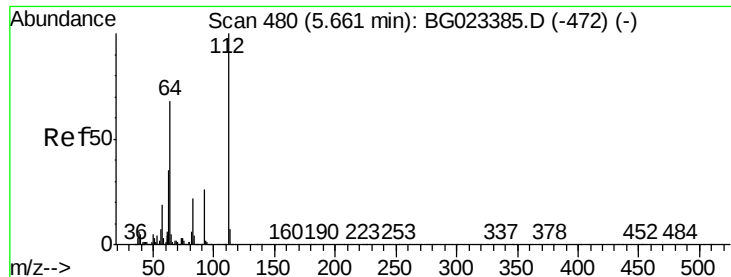
74 143.5 100.6 150.8

44 7.5 4.5 6.7#



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





#5

2-Fluorophenol

Concen: 119.22 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

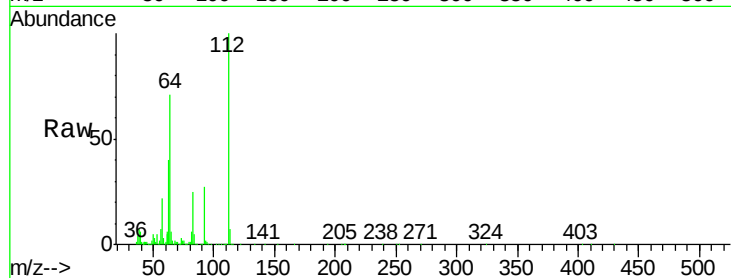
Tot Ion:112 Resp: 815271

Ion Ratio Lower Upper

112 100

64 71.4 59.0 88.4

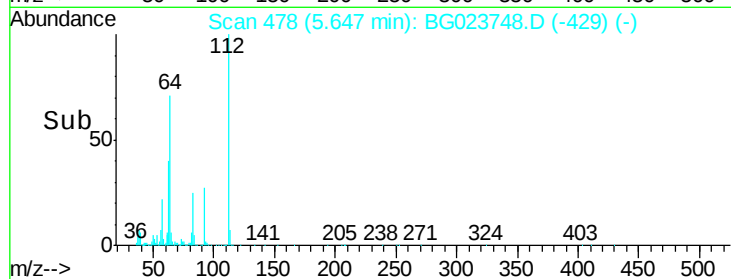
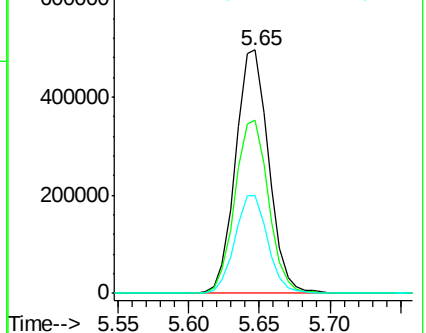
63 40.0 37.8 56.8



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: 21.19 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.02 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

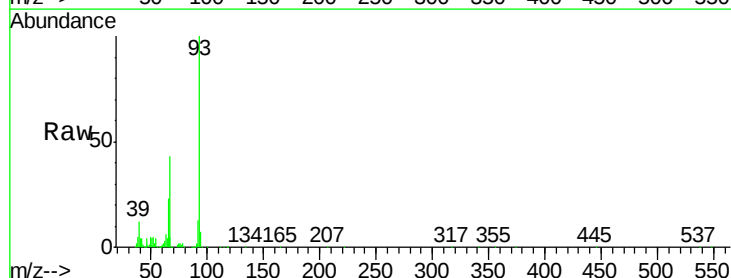
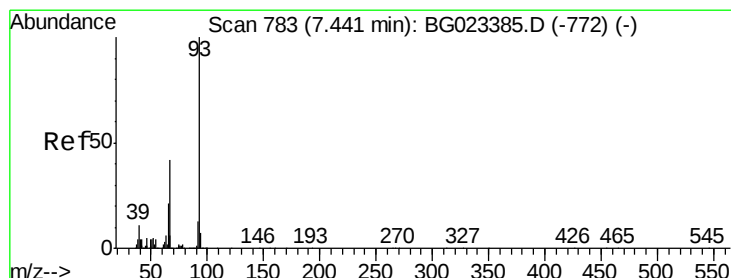
Tgt Ion: 93 Resp: 326110

Ion Ratio Lower Upper

93 100

66 42.6 37.5 56.3

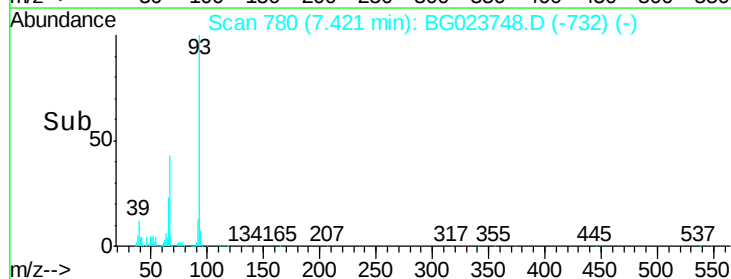
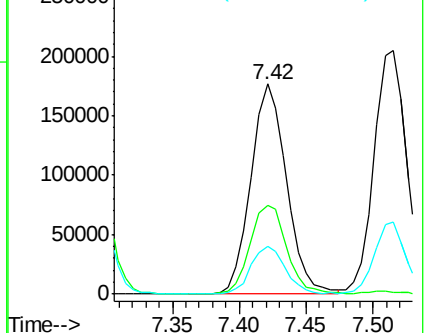
65 23.1 17.9 26.9

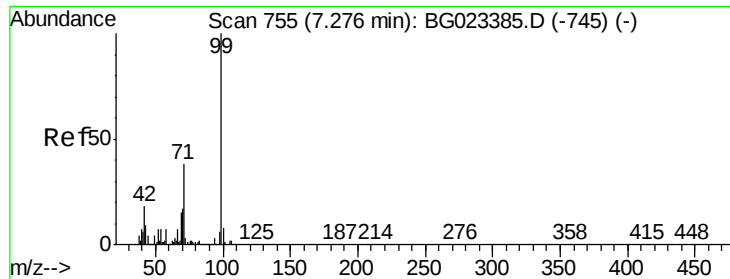


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.26 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

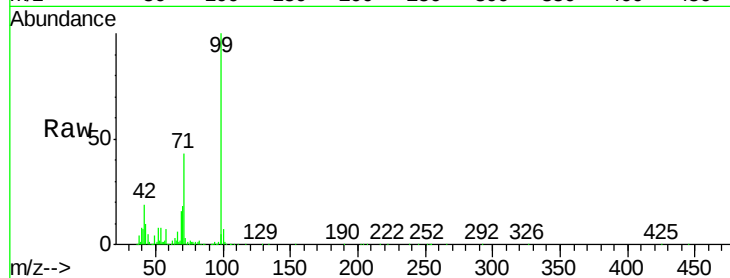
Tot Ion: 99 Resp: 1163712

Ion Ratio Lower Upper

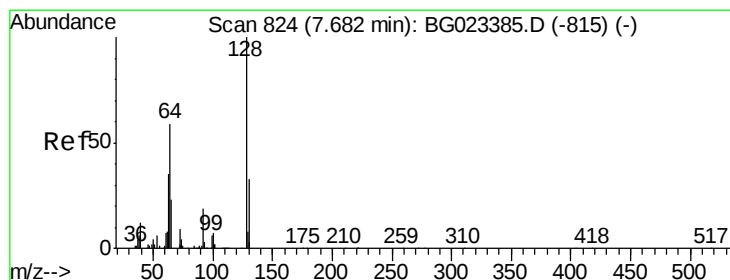
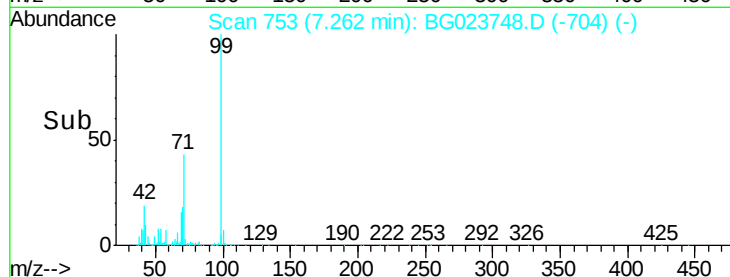
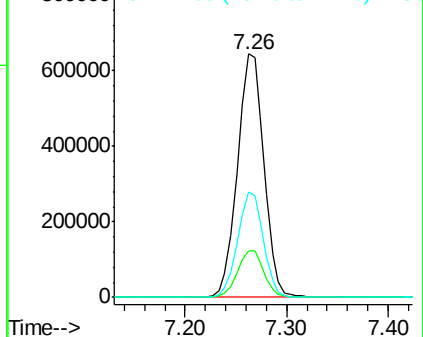
99 100

42 18.8 17.8 26.6

71 43.2 41.5 62.3



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



#8

2-Chlorophenol

Concen: 41.21 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

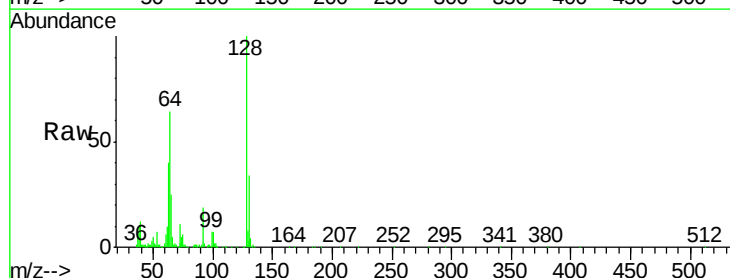
Tgt Ion: 128 Resp: 323736

Ion Ratio Lower Upper

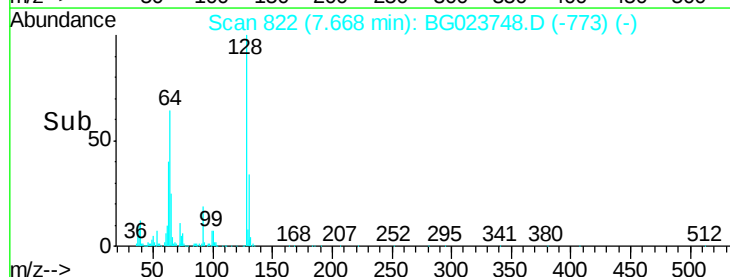
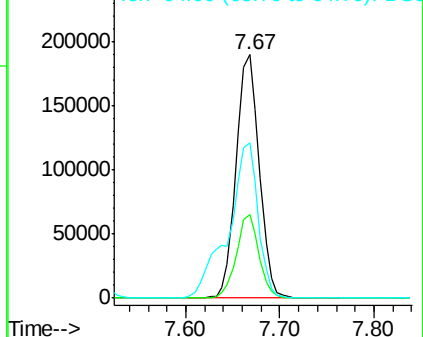
128 100

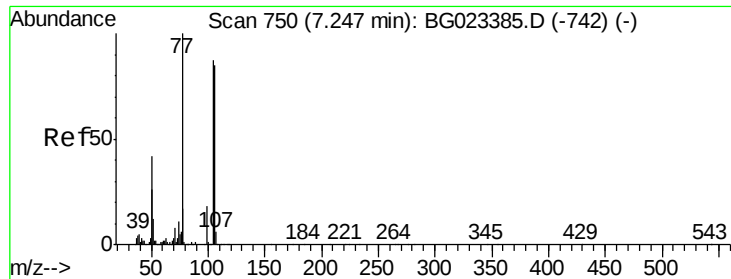
130 34.3 12.9 52.9

64 63.7 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: 11.44 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampled :

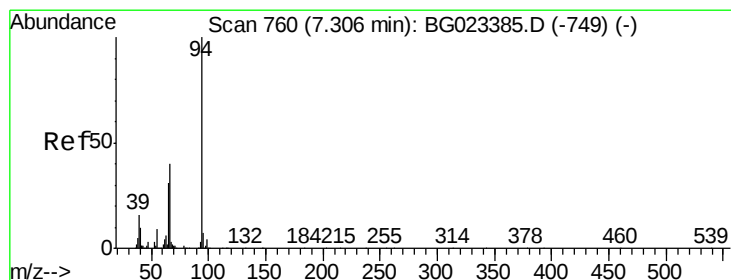
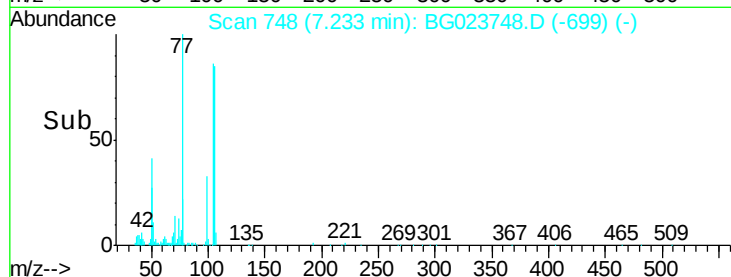
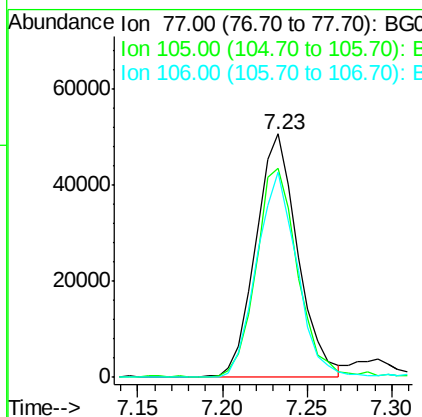
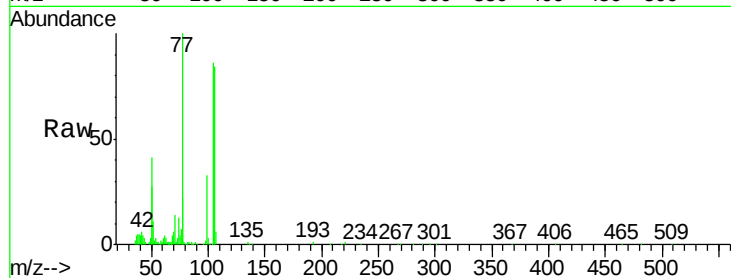
Tot Ion: 77 Resp: 87332

Ion Ratio Lower Upper

77 100

105 85.9 58.7 98.7

106 84.3 67.5 107.5



#10

Phenol

Concen: 37.19 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

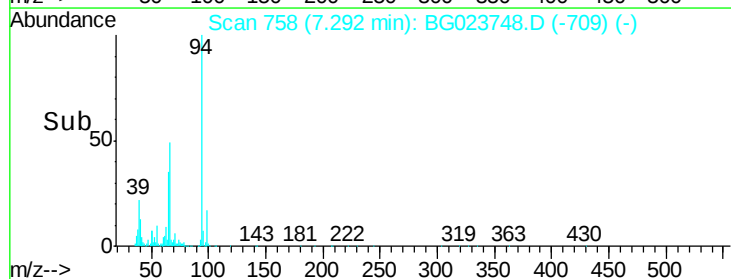
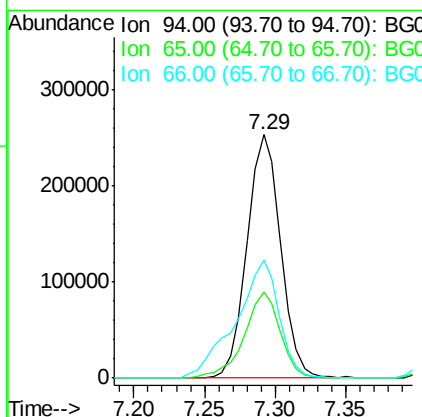
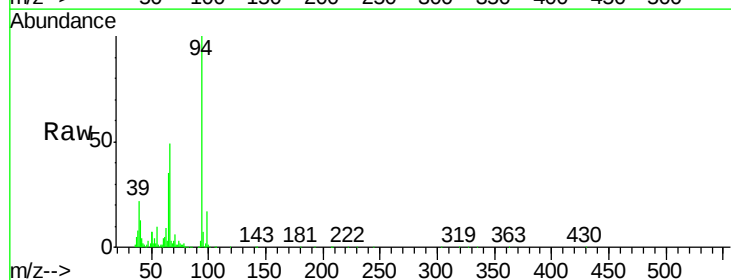
Tgt Ion: 94 Resp: 423796

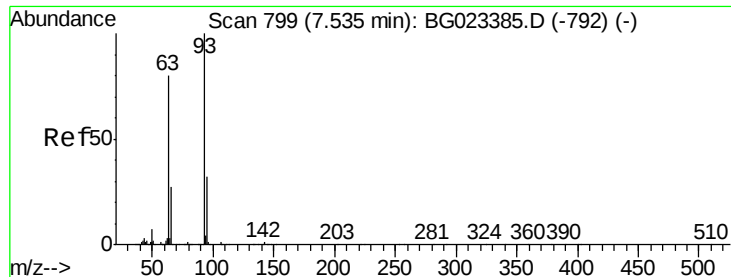
Ion Ratio Lower Upper

94 100

65 35.5 18.1 58.1

66 48.7 42.1 82.1

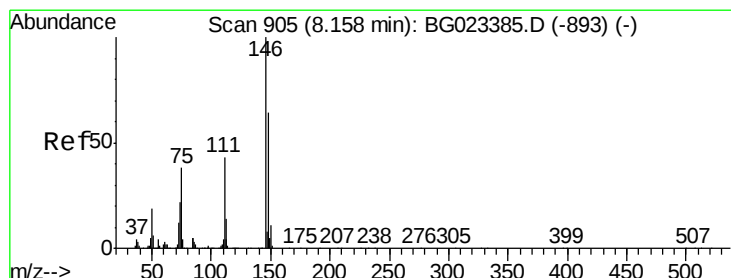
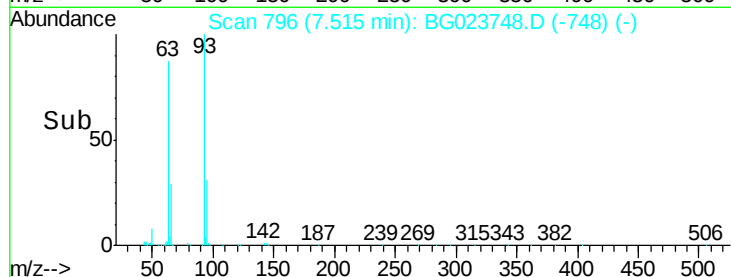
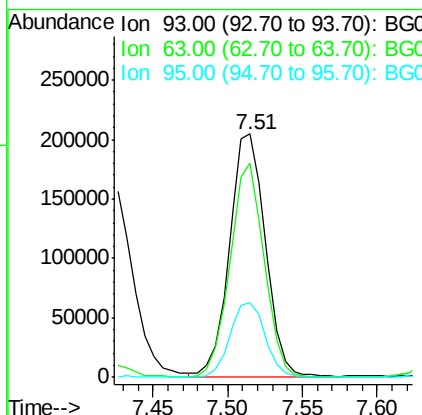
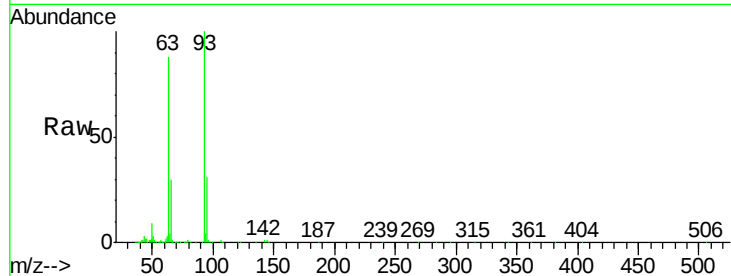




#11
bis(2-Chloroethyl)ether
Concen: 37.60 ng
RT: 7.51 min Scan# 796
Delta R.T. -0.02 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

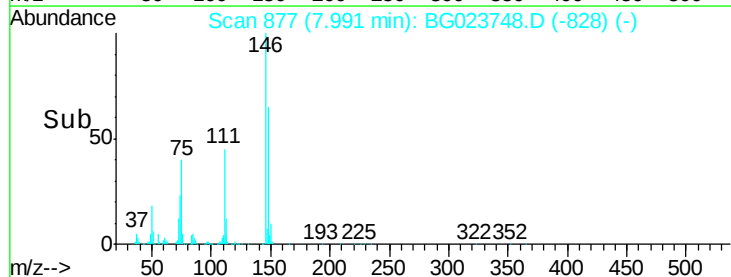
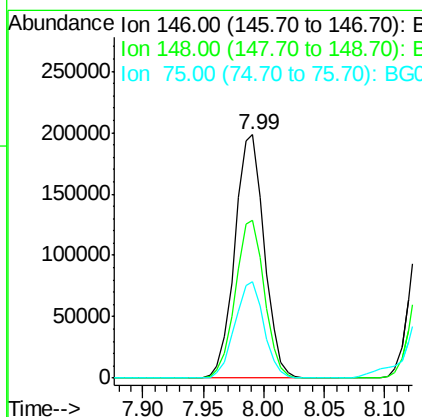
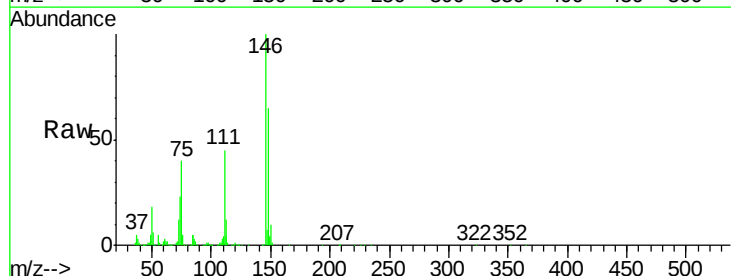
Instrument :
BNA_G
ClientSampled :

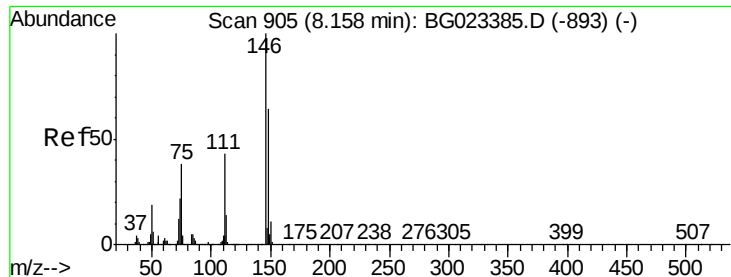
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.1	55.0	95.0
95	30.7	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 37.43 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
75	39.7	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 37.08 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

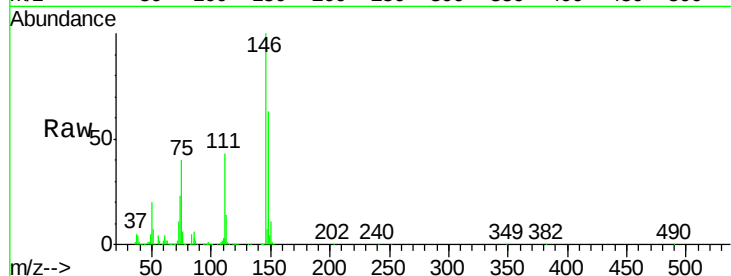
Tot Ion:146 Resp: 341428

Ion Ratio Lower Upper

146 100

148 63.2 54.5 81.7

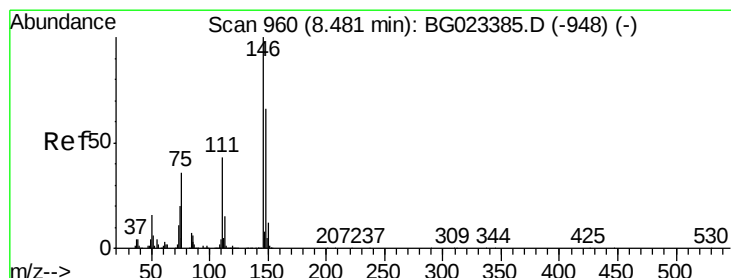
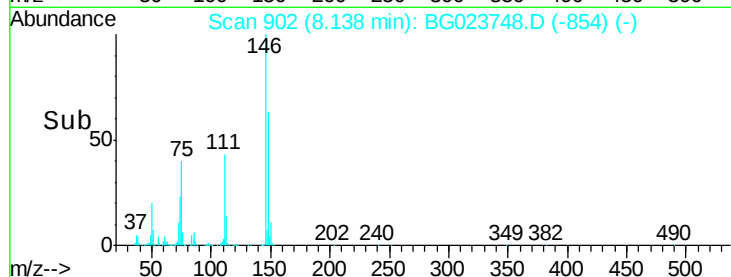
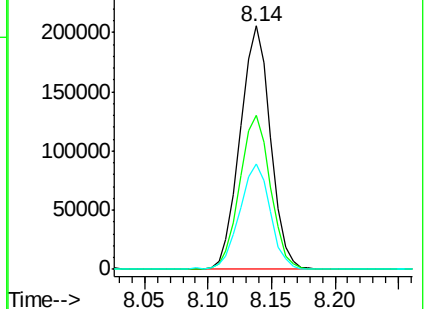
111 43.3 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.66 ng

RT: 8.46 min Scan# 957

Delta R.T. -0.02 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

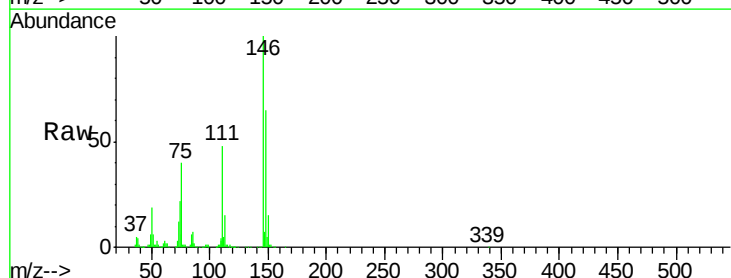
Tgt Ion:146 Resp: 331143

Ion Ratio Lower Upper

146 100

148 64.6 52.9 79.3

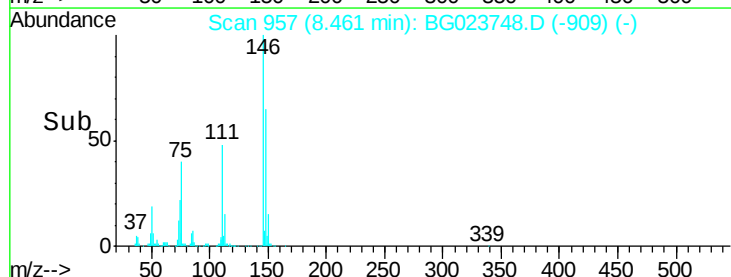
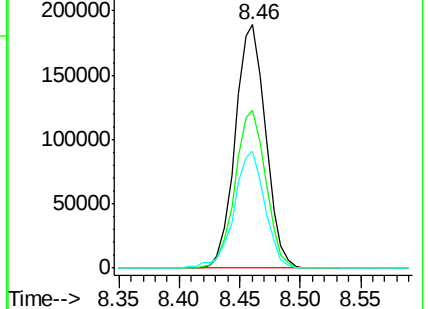
111 47.8 43.5 65.3

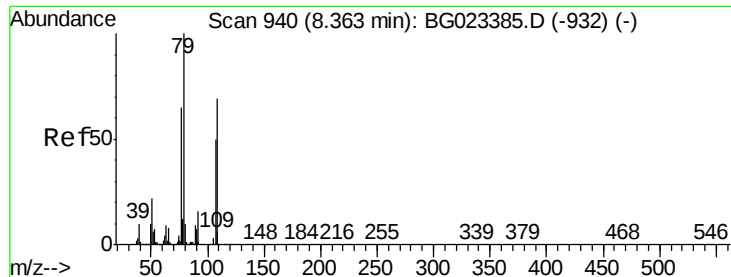


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.40 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

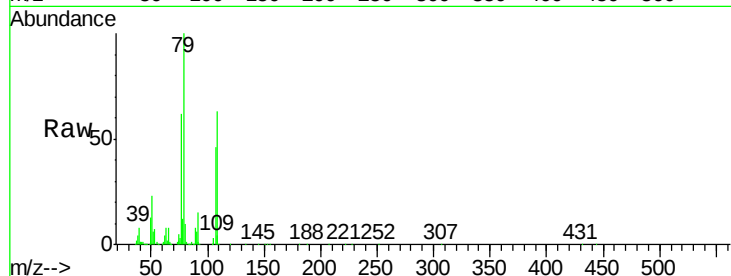
Tot Ion: 79 Resp: 406709

Ion Ratio Lower Upper

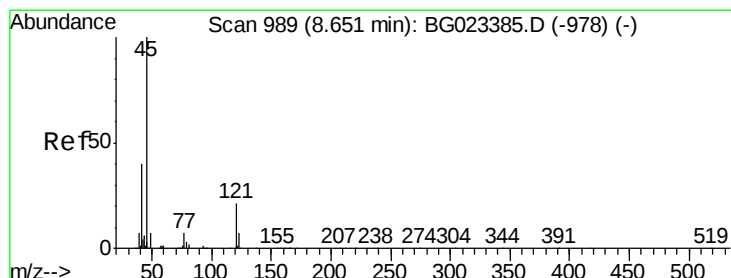
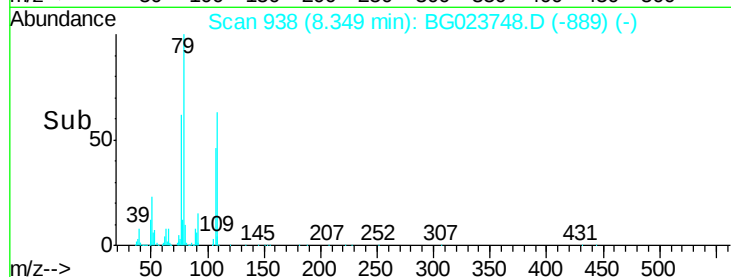
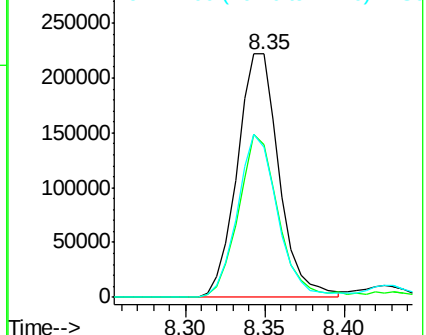
79 100

108 63.0 46.5 69.7

77 61.7 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.81 ng

RT: 8.64 min Scan# 987

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

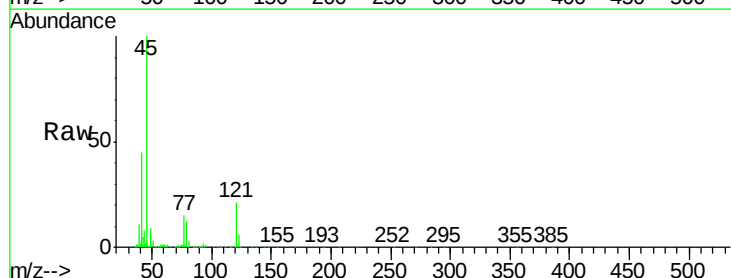
Tgt Ion: 45 Resp: 492089

Ion Ratio Lower Upper

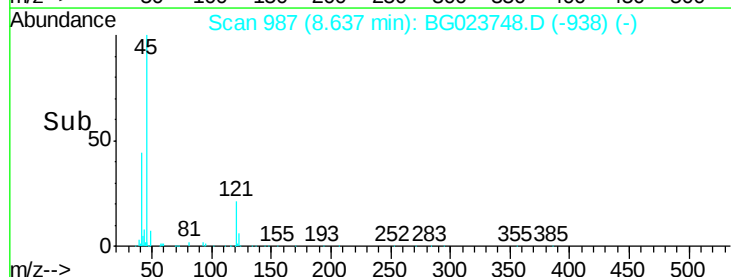
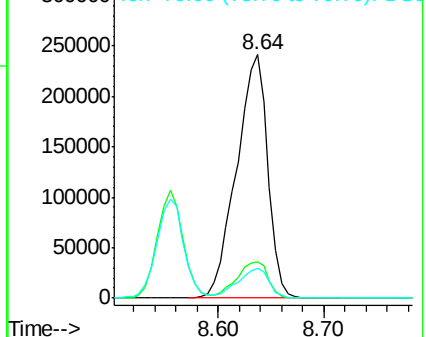
45 100

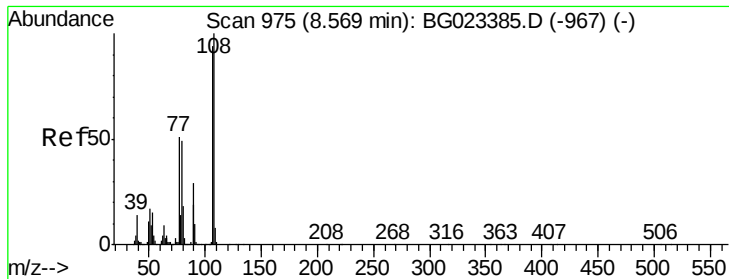
77 14.8 0.6 40.6

79 12.2 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

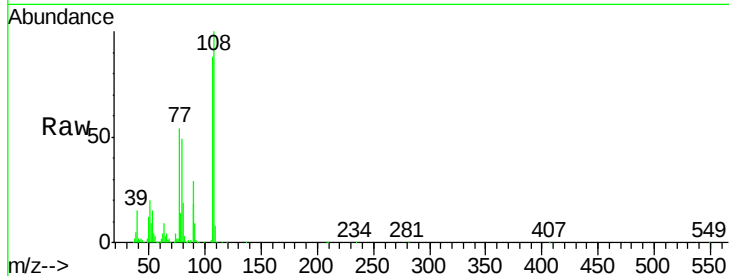




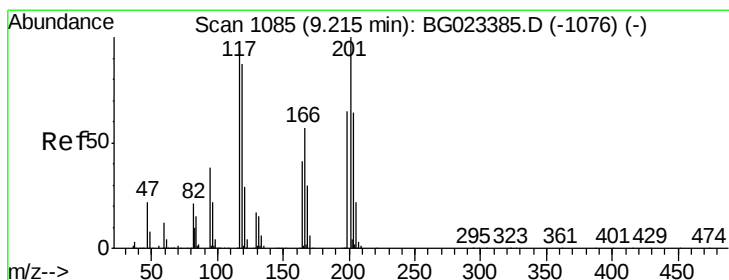
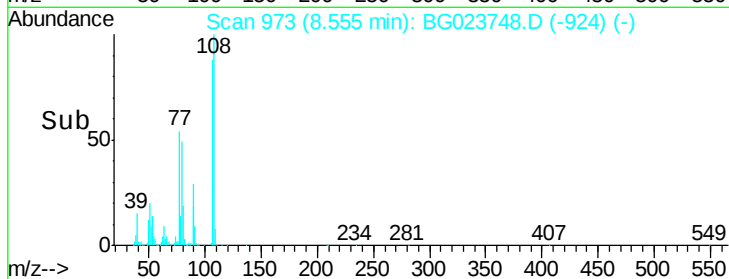
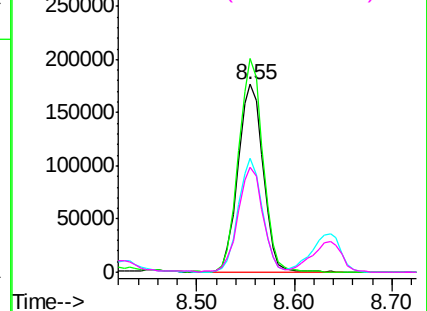
#17
2-Methylphenol
Concen: 41.09 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	313856
Ion	Ratio	Lower	Upper
107	100		
108	113.9	92.0	138.0
77	60.9	55.8	83.6
79	55.8	55.0	82.6

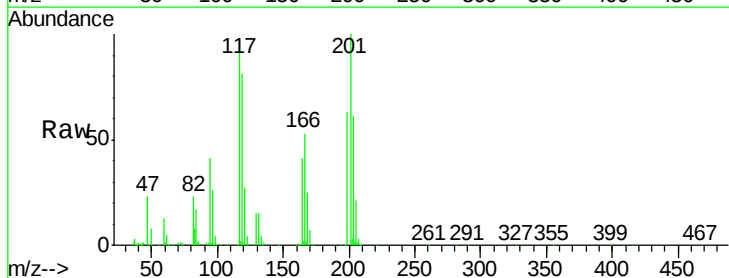


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

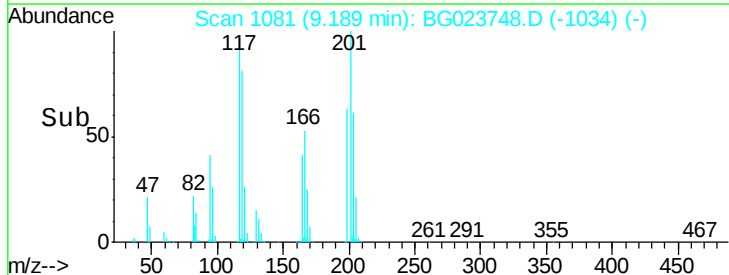
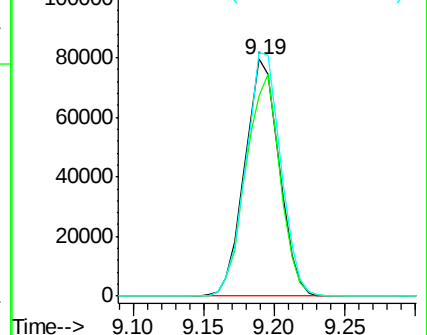


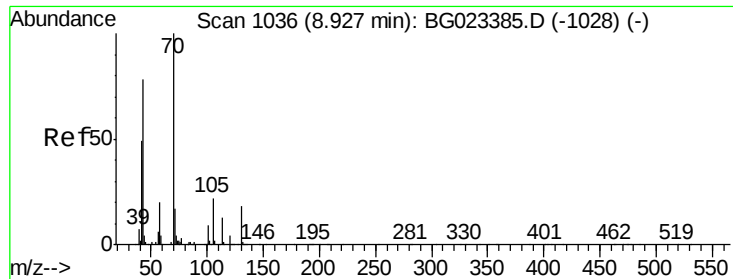
#18
Hexachloroethane
Concen: 39.28 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion:	117	Resp:	136142
Ion	Ratio	Lower	Upper
117	100		
119	84.8	73.7	110.5
201	102.9	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

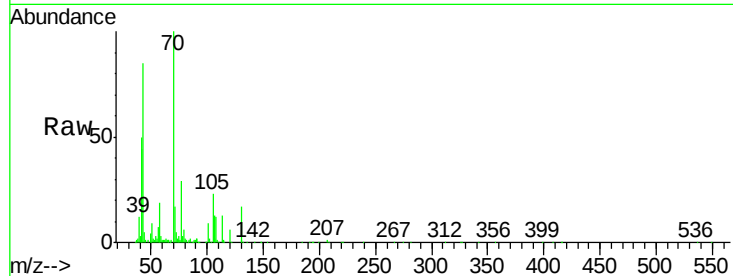




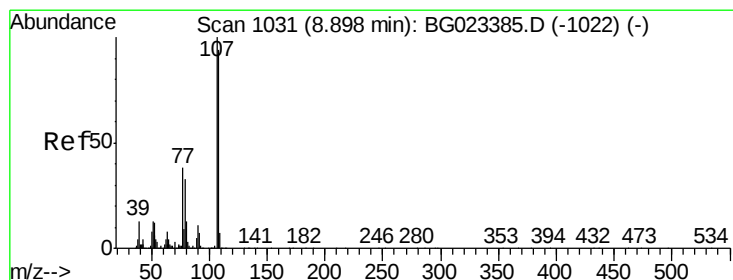
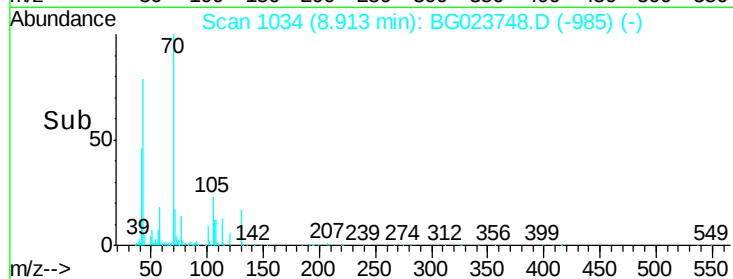
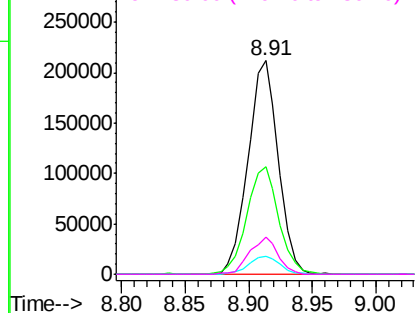
#19
n-Nitroso-di-n-propylamine
Concen: 38.32 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	351063
Ion	Ratio	Lower	Upper
70	100		
42	50.5	42.1	63.1
101	8.7	7.2	10.8
130	17.3	14.2	21.2

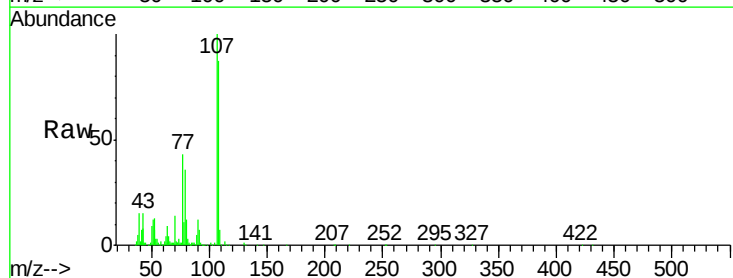


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

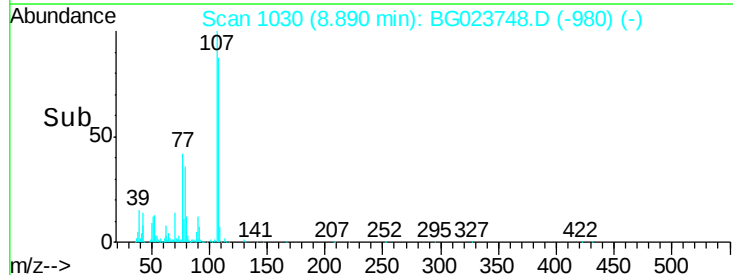
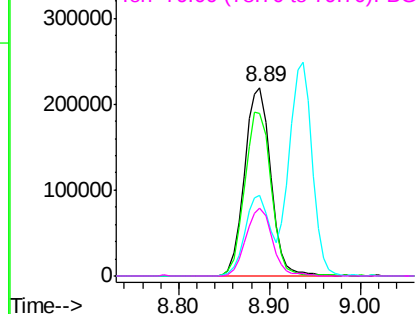


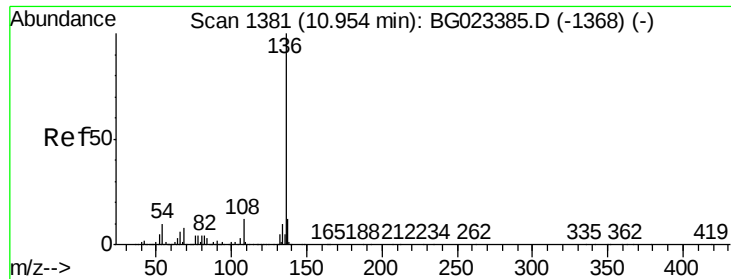
#20
3+4-Methylphenols
Concen: 40.85 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion:	107	Resp:	439909
Ion	Ratio	Lower	Upper
107	100		
108	86.5	72.5	112.5
77	43.0	30.1	70.1
79	36.3	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

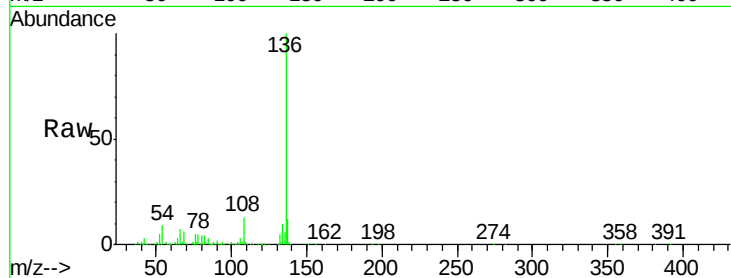




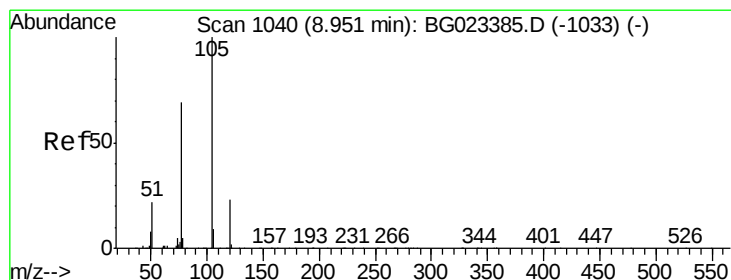
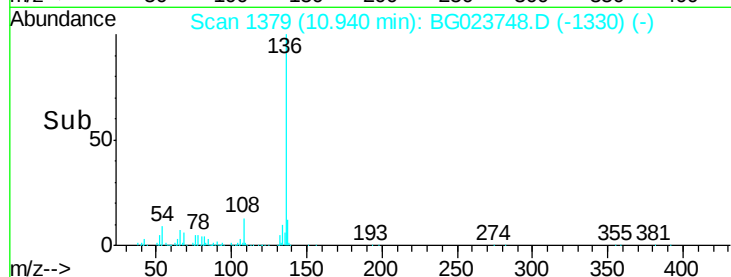
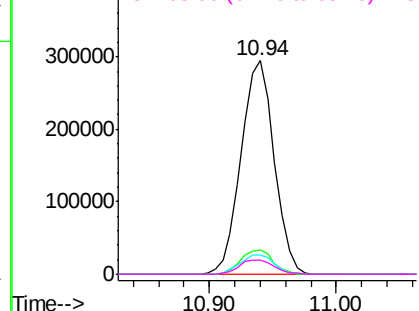
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	532037	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.6	14.4	
54 9.3	7.3	10.9	
68 6.4	5.3	7.9	

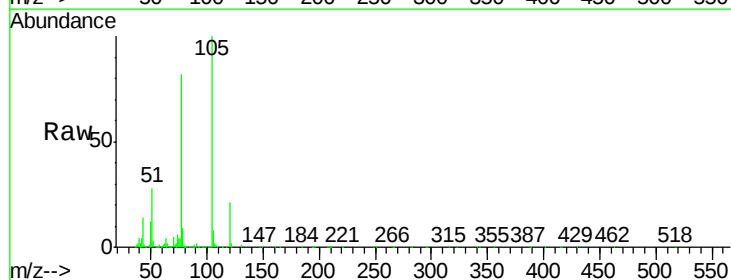


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

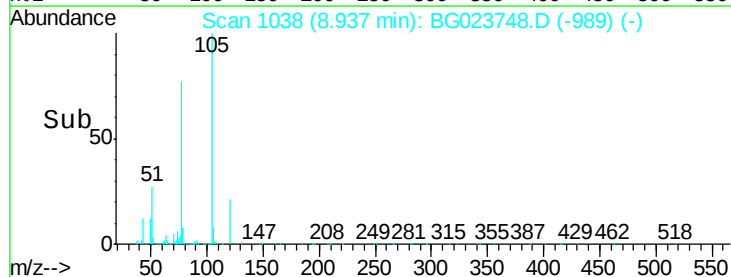
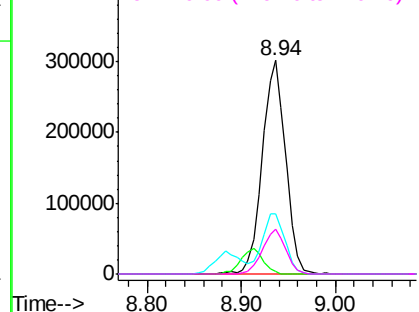


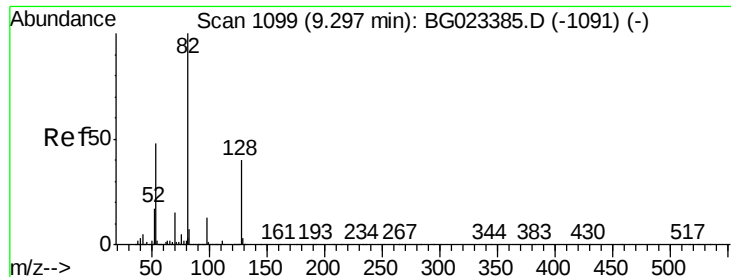
#22
Acetophenone
Concen: 35.41 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt	Ion:105	Resp:	515891
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	28.0	27.1	40.7
120	21.3	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

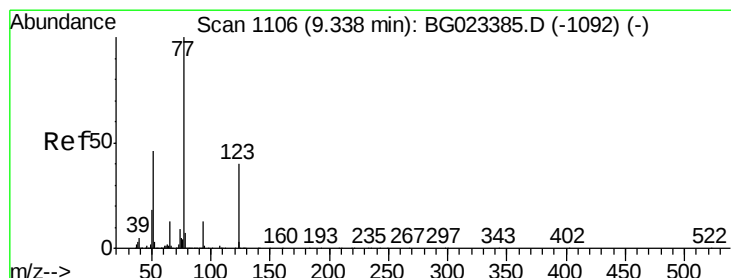
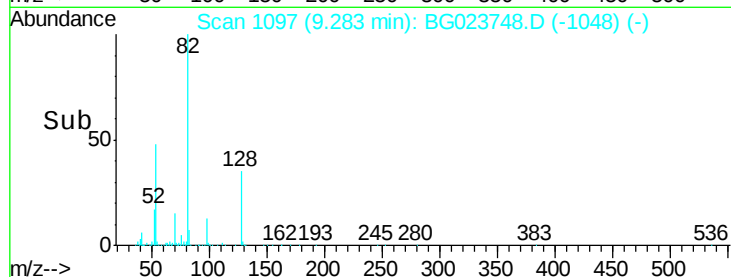
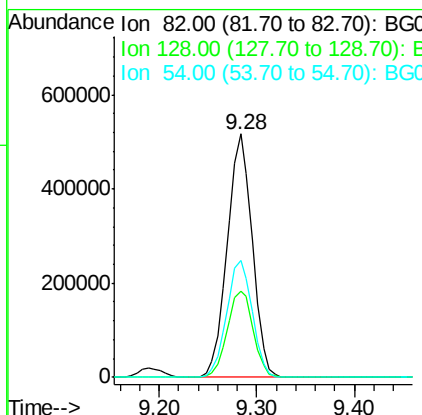
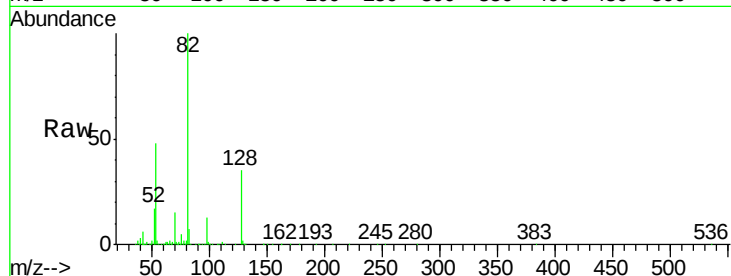




#23
 Nitrobenzene-d5
 Concen: 85.50 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

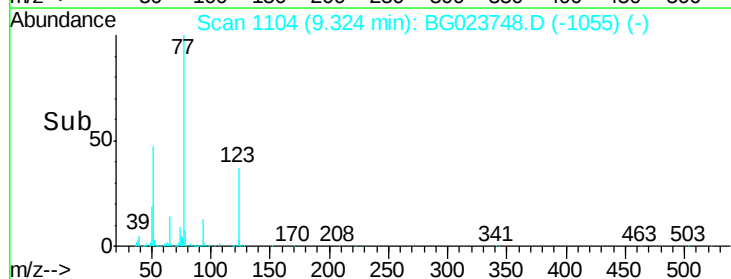
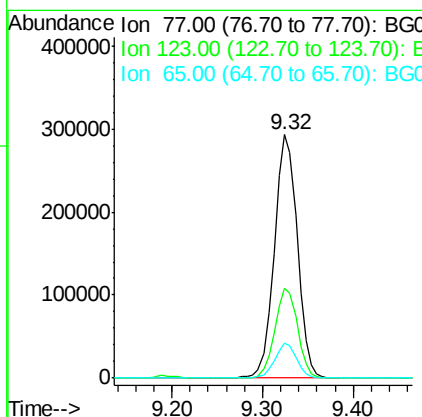
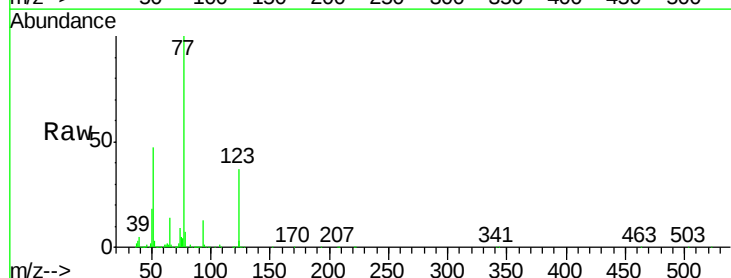
Instrument :
 BNA_G
 ClientSampleId :

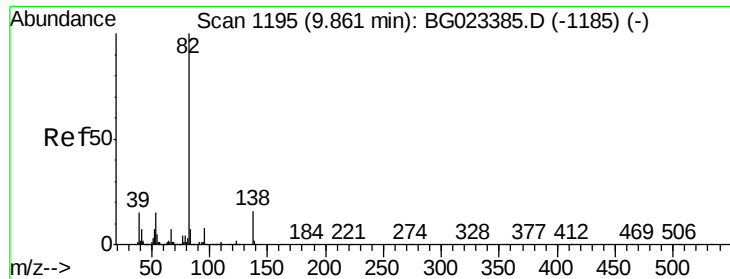
Tot Ion	82	Resp	914954
Ion Ratio	Lower	Upper	
82	100		
128	35.5	24.4	36.6
54	48.0	41.4	62.0



#24
 Nitrobenzene
 Concen: 43.38 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion	77	Resp	514061
Ion Ratio	Lower	Upper	
77	100		
123	36.9	25.0	37.6
65	14.1	13.4	20.0





#25

Isophorone

Concen: 42.29 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

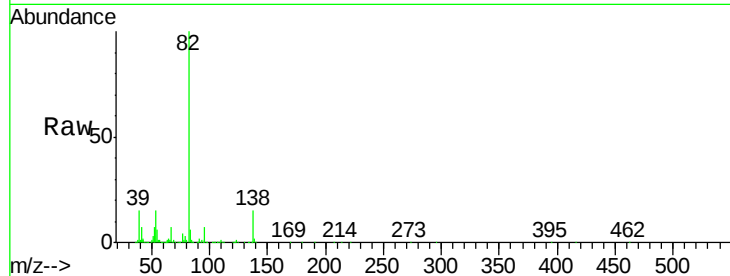
Tot Ion: 82 Resp: 942788

Ion Ratio Lower Upper

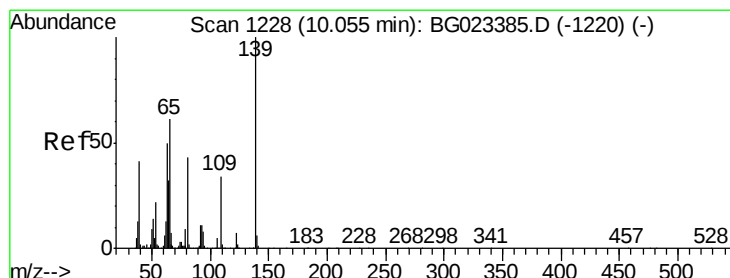
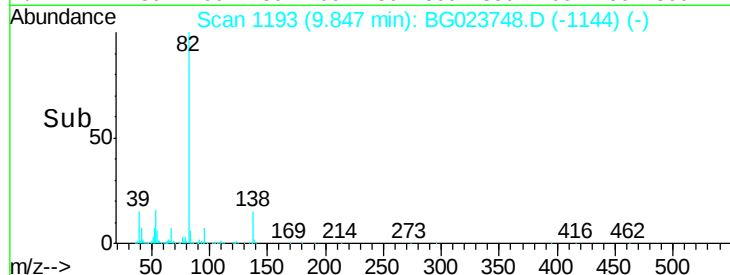
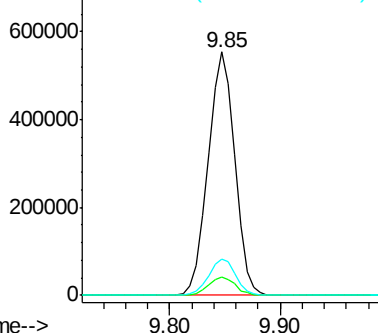
82 100

95 7.5 8.2 12.2#

138 14.9 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: 41.77 ng

RT: 10.04 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

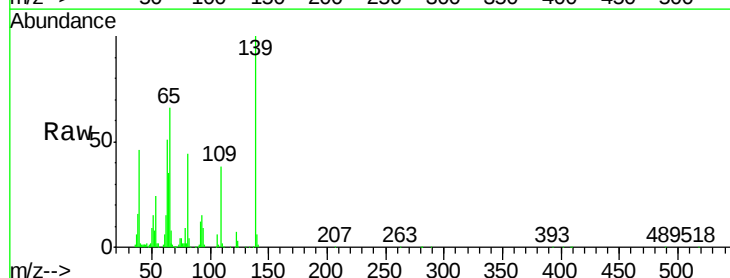
Tgt Ion: 139 Resp: 208898

Ion Ratio Lower Upper

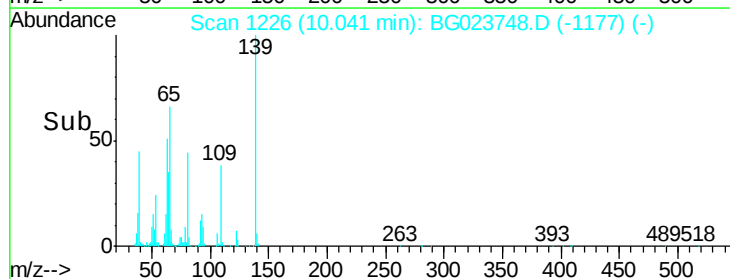
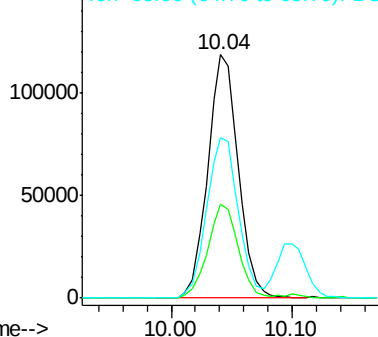
139 100

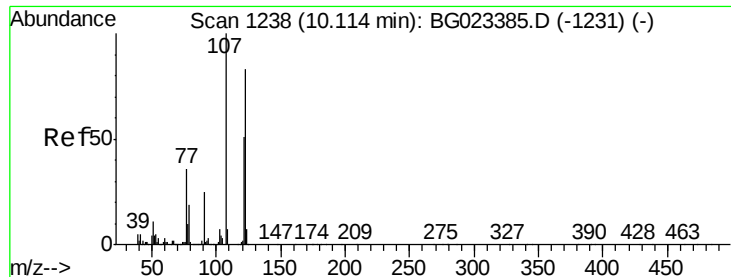
109 38.4 43.5 65.3#

65 66.0 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

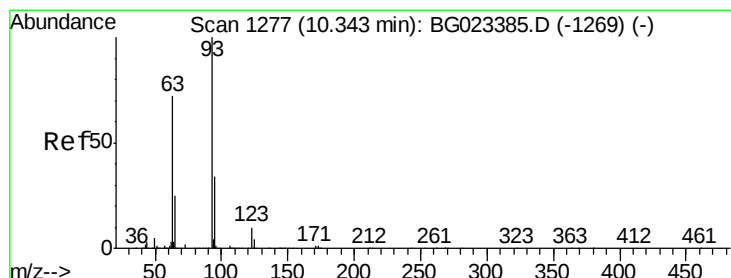
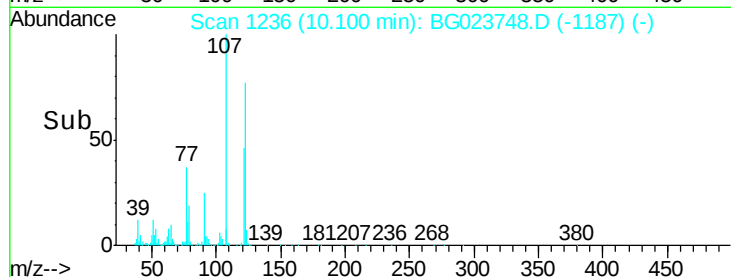
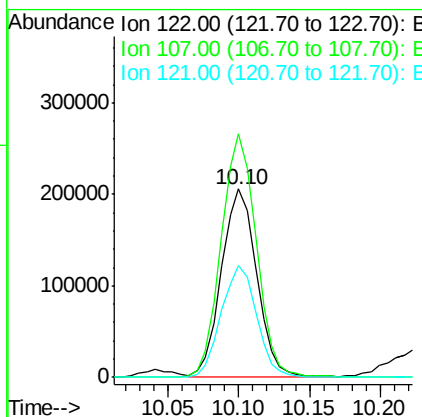
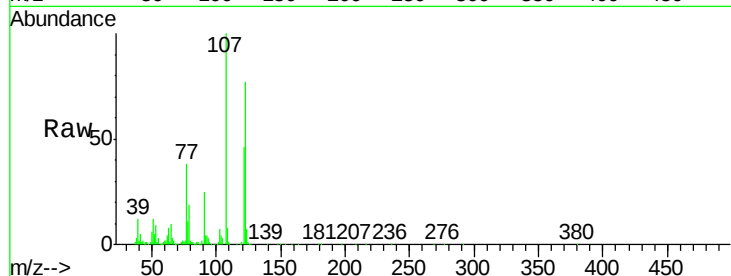




#27
 2,4-Dimethylphenol
 Concen: 41.97 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

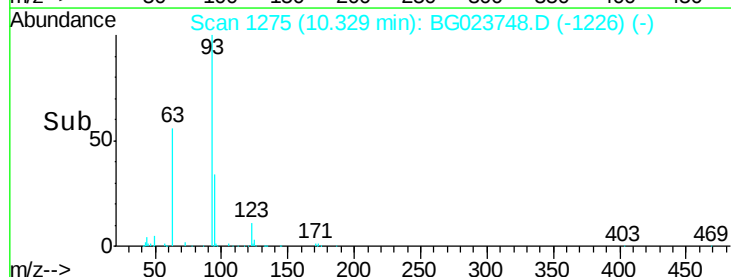
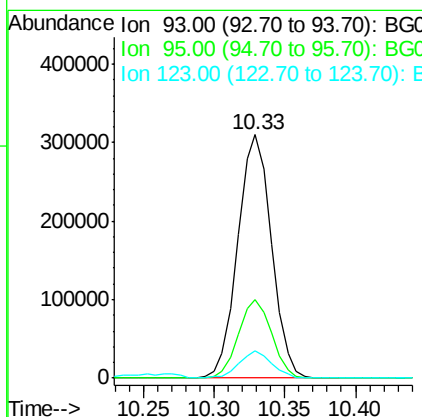
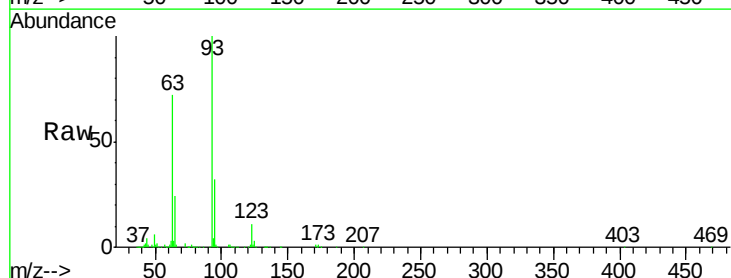
Instrument :
 BNA_G
 ClientSampleId :

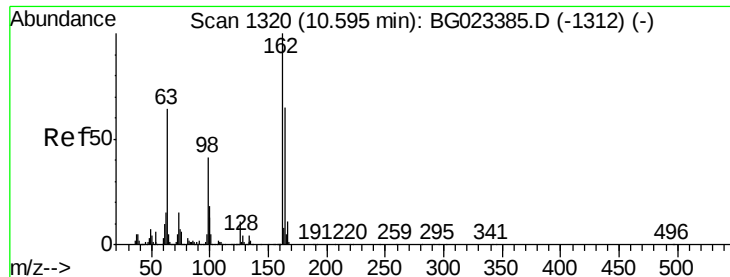
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.5	117.0	175.4
121	59.6	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.67 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.2
123	11.1	8.2	12.2

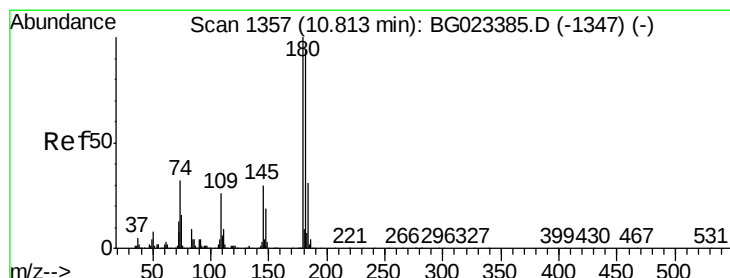
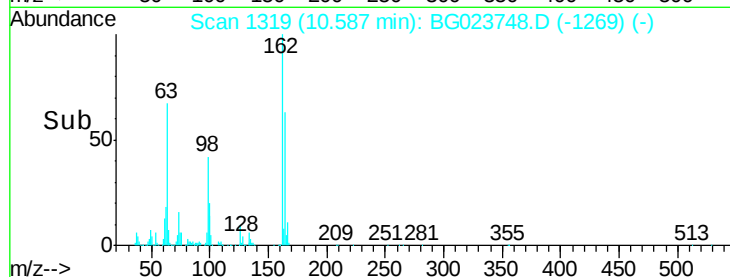
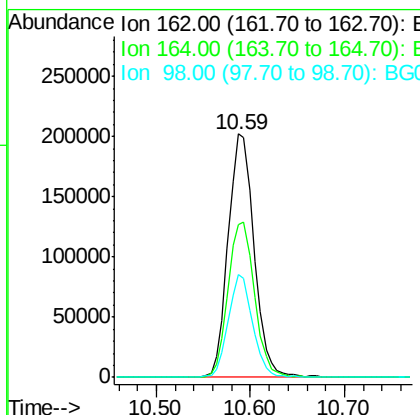
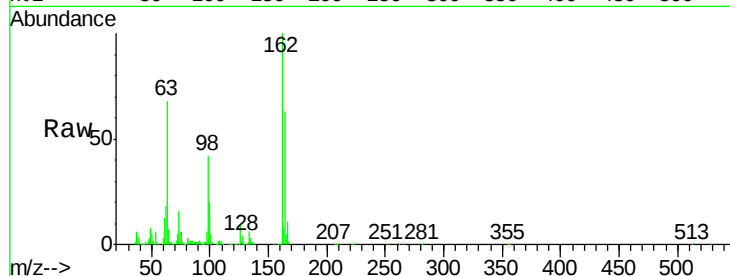




#29
 2,4-Dichlorophenol
 Concen: 45.37 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

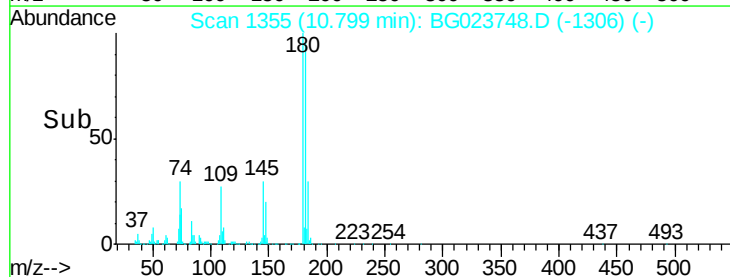
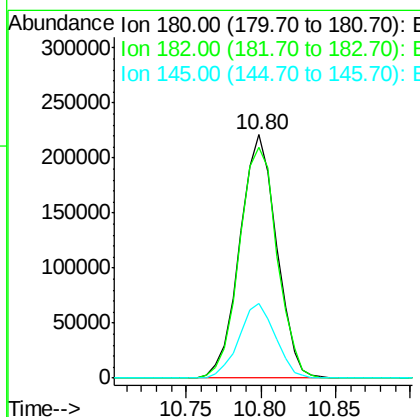
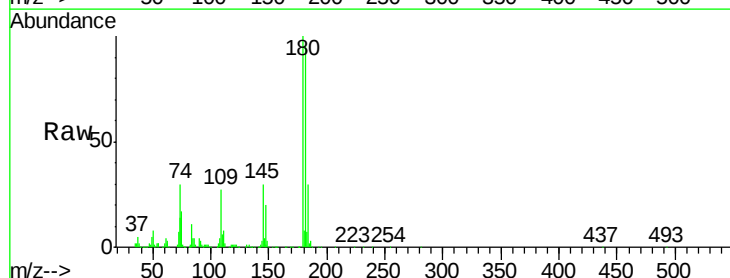
Instrument :
 BNA_G
 ClientSampleId :

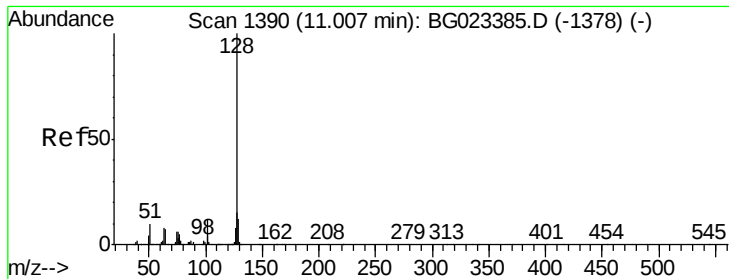
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.3	84.3
98	42.1	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.83 ng
 RT: 10.80 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	73.8	110.8
145	30.5	24.4	36.6

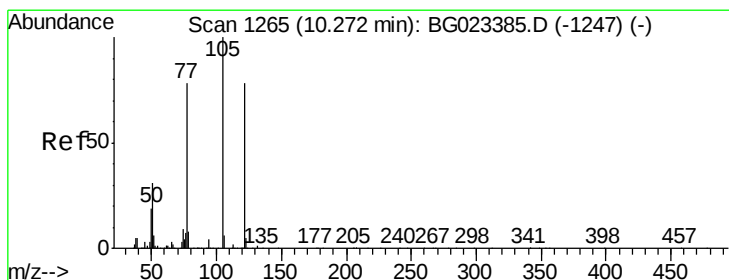
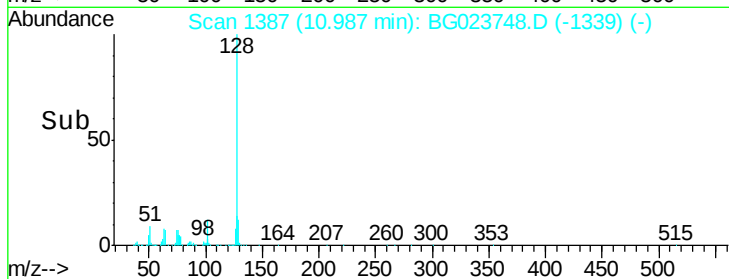
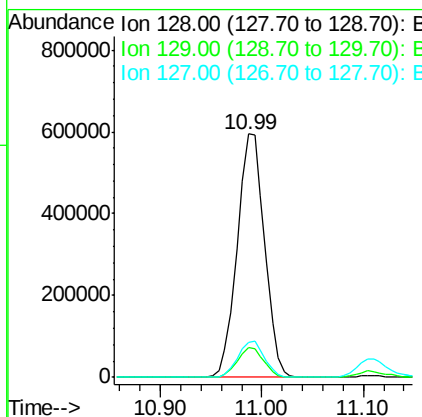
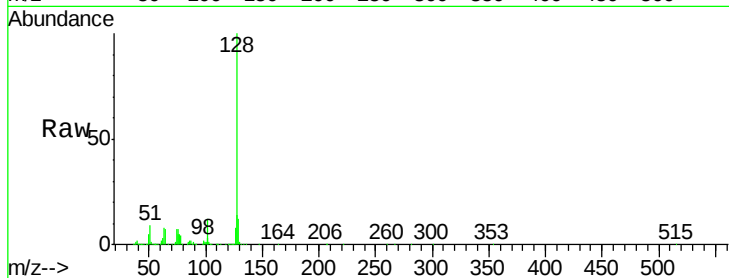




#31
Naphthalene
Concen: 41.02 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

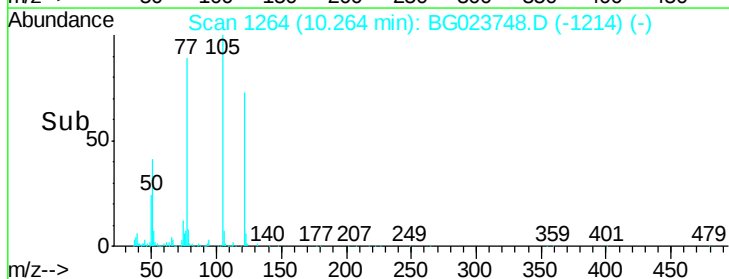
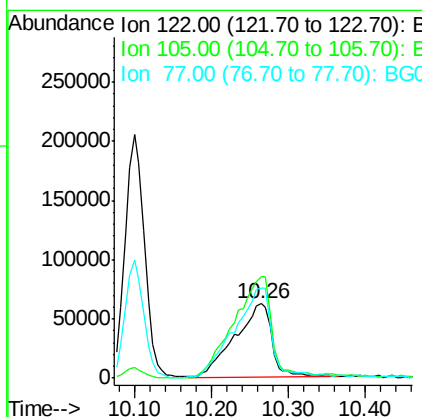
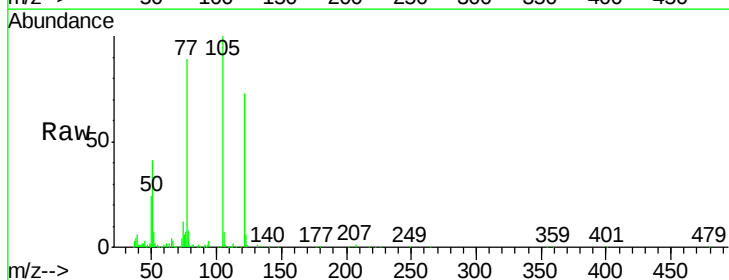
Instrument :
BNA_G
ClientSampleId :

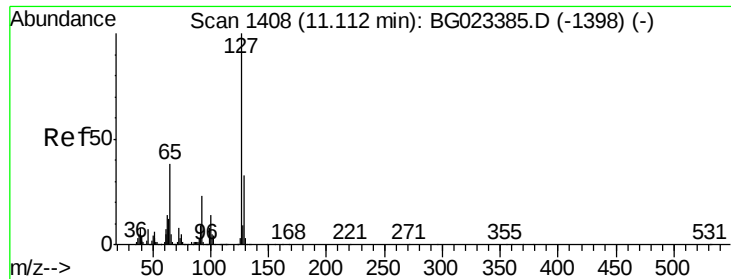
Tot Ion:128 Resp: 1111403
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 14.4 11.3 16.9



#32
Benzoic acid
Concen: 29.74 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion:122 Resp: 211012
Ion Ratio Lower Upper
122 100
105 136.5 117.2 157.2
77 121.9 109.2 149.2

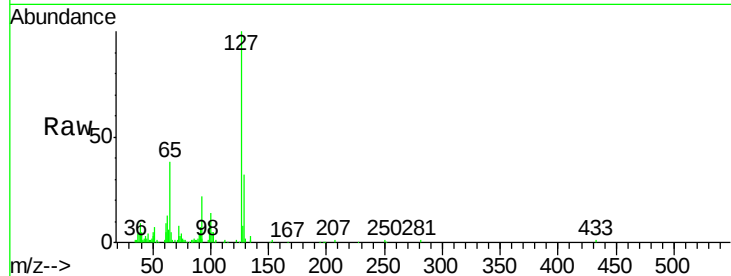




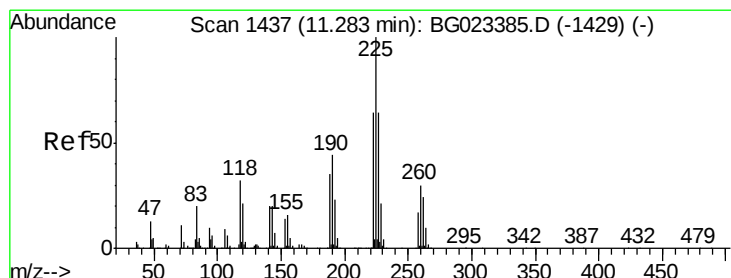
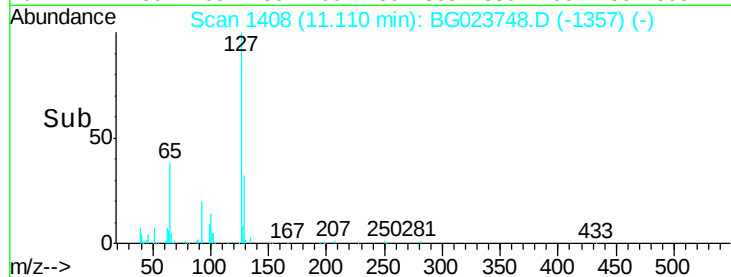
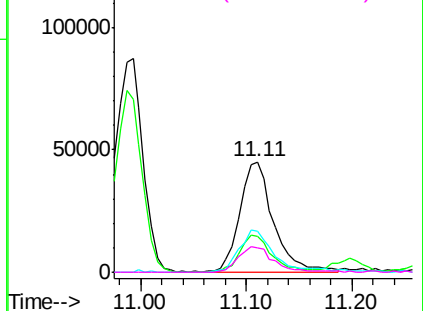
#33
4-Chloroaniline
Concen: 7.60 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	98426
Ion Ratio	Lower	Upper
127	100	
129	32.1	27.9 41.9
65	37.6	36.8 55.2
92	22.2	21.0 31.6

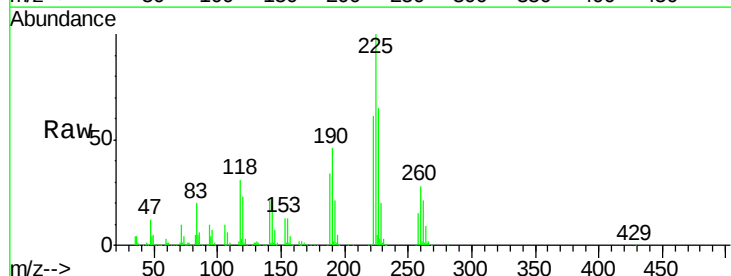


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

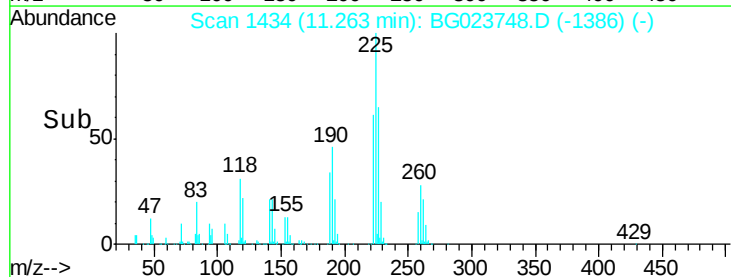
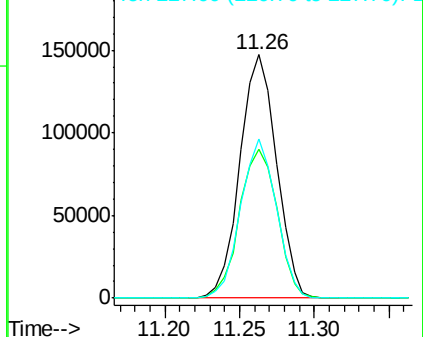


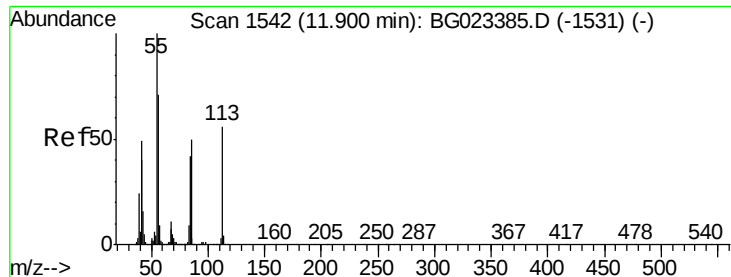
#34
Hexachlorobutadiene
Concen: 41.24 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion:225	Resp:	250489
Ion Ratio	Lower	Upper
225	100	
223	61.1	49.6 74.4
227	65.2	54.5 81.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

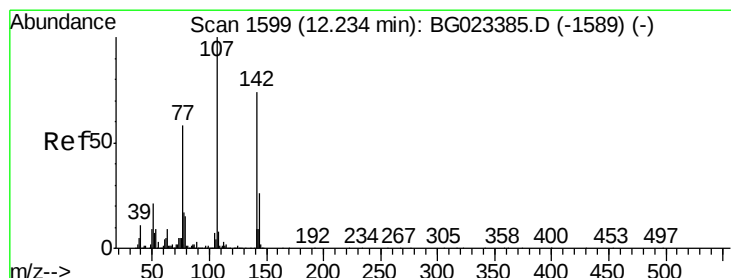
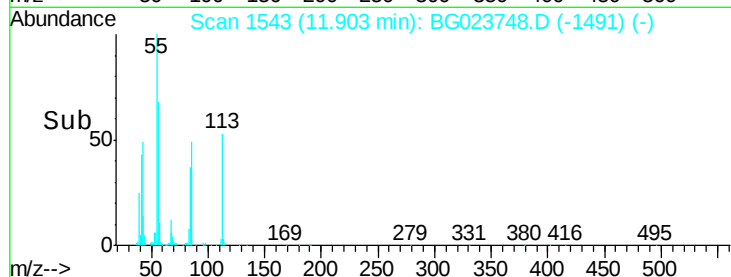
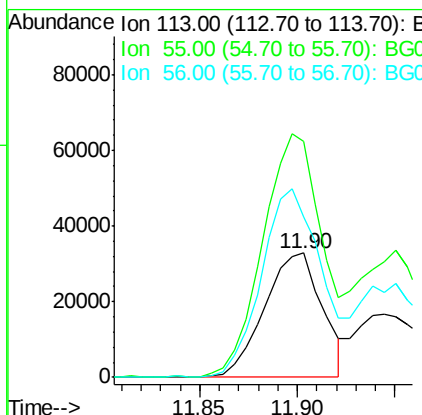
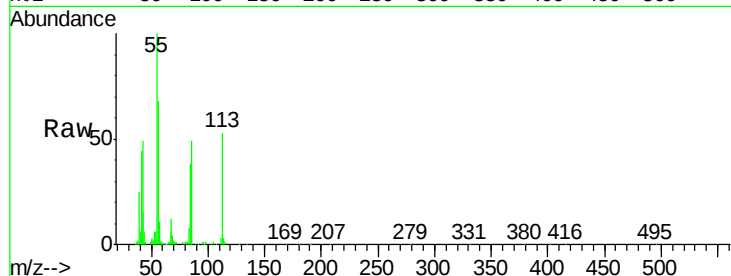




#35
 Caprolactam
 Concen: 18.66 ng
 RT: 11.90 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

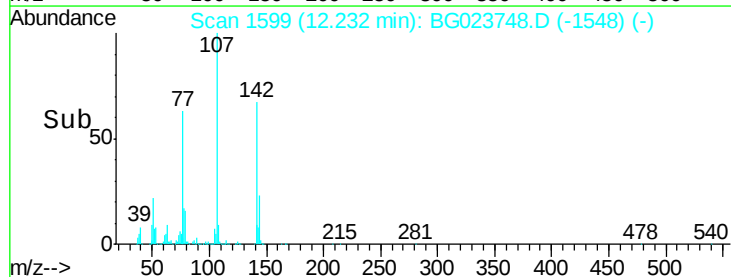
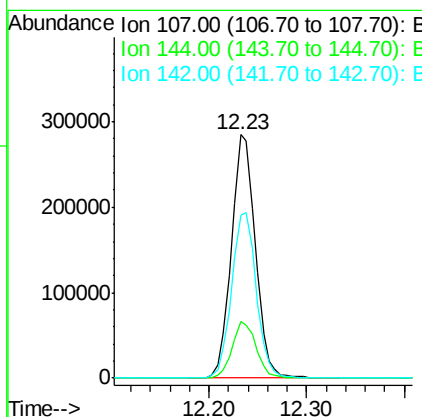
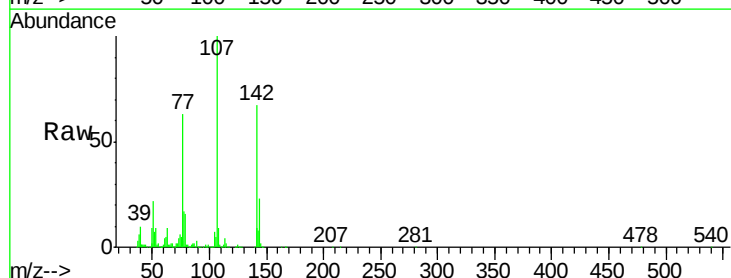
Instrument :
 BNA_G
 ClientSampleId :

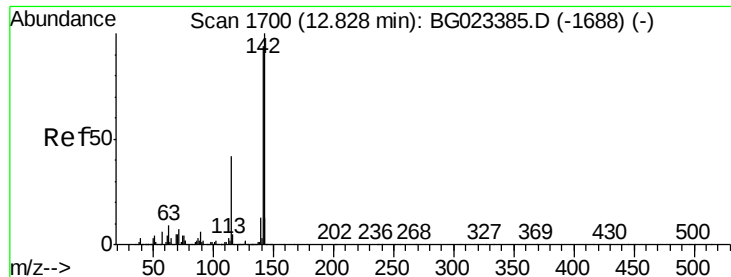
Tot Ion:113 Resp: 67238
 Ion Ratio Lower Upper
 113 100
 55 189.9 154.5 194.5
 56 129.2 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.22 ng
 RT: 12.23 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion:107 Resp: 486274
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.0 25.6
 142 66.9 53.0 79.6

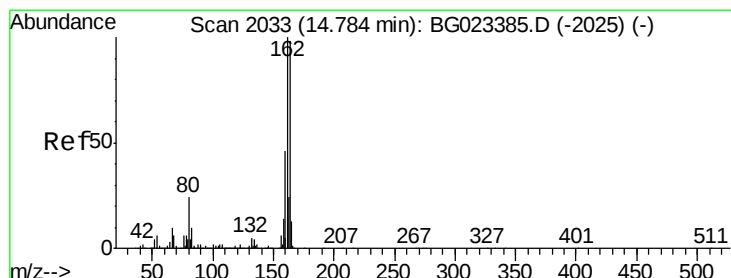
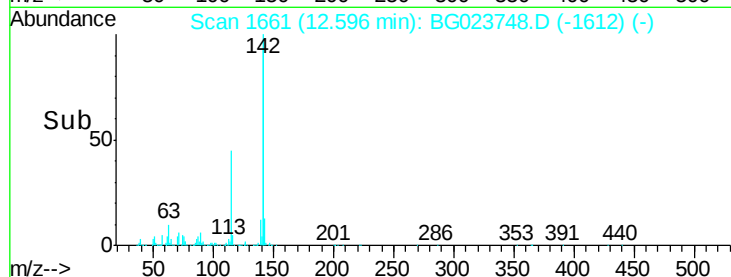
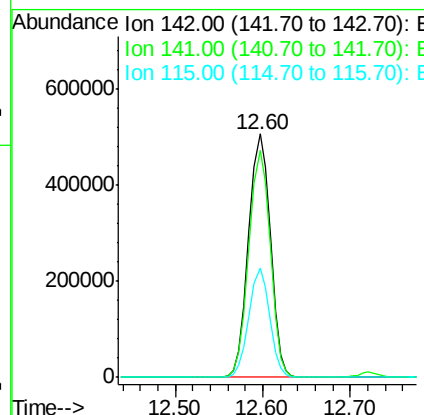
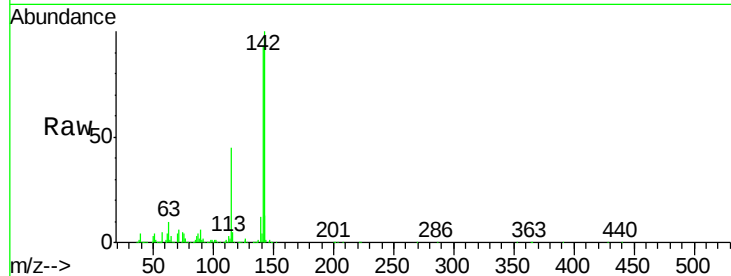




#37
 2-Methylnaphthalene
 Concen: 41.23 ng
 RT: 12.60 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

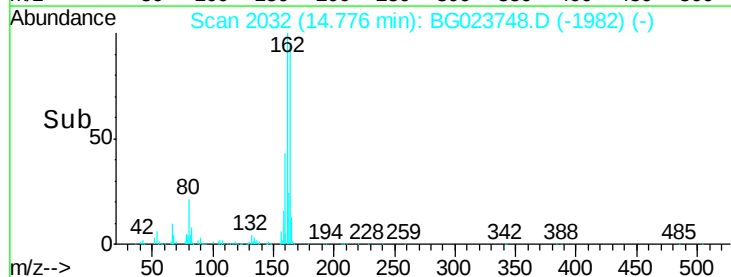
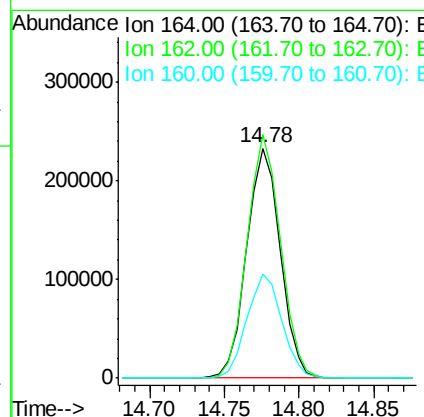
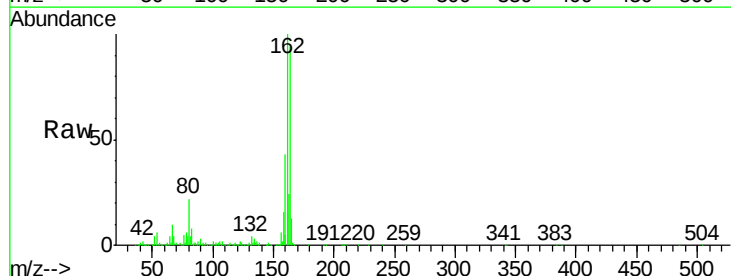
Instrument :
 BNA_G
 ClientSampleId :

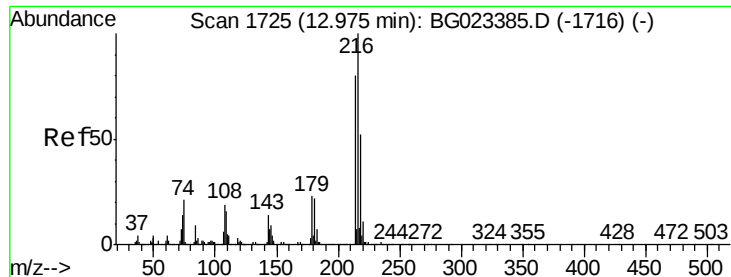
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.2	105.2
115	44.6	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	87.7	131.5
160	45.4	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.65 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 442373

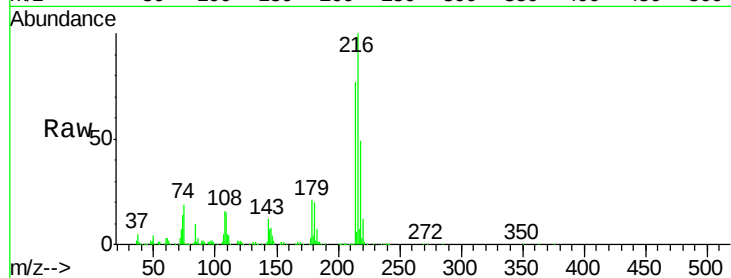
Ion Ratio Lower Upper

216 100

214 78.8 62.9 94.3

179 21.1 17.2 25.8

108 18.7 16.3 24.5

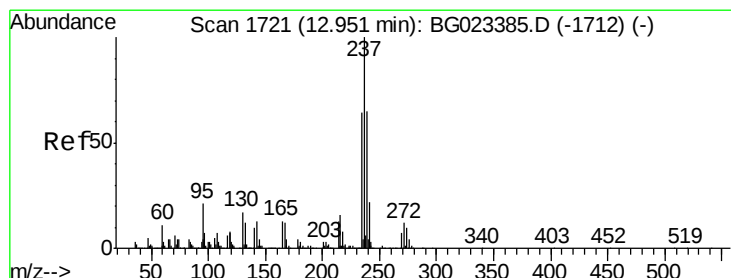
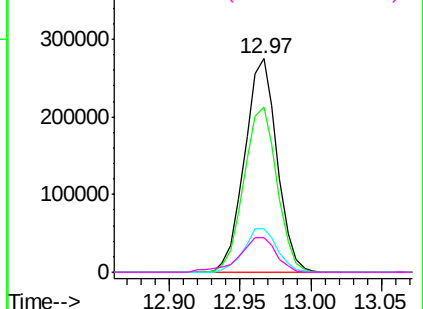
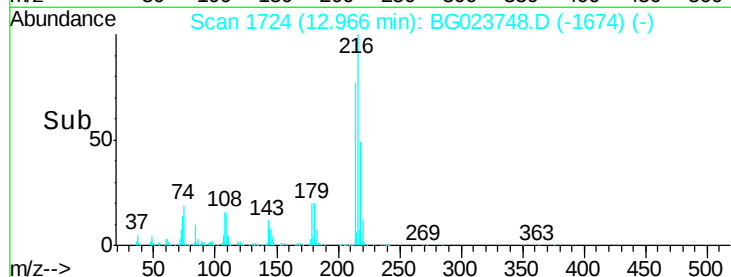


Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.80 ng

RT: 12.93 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

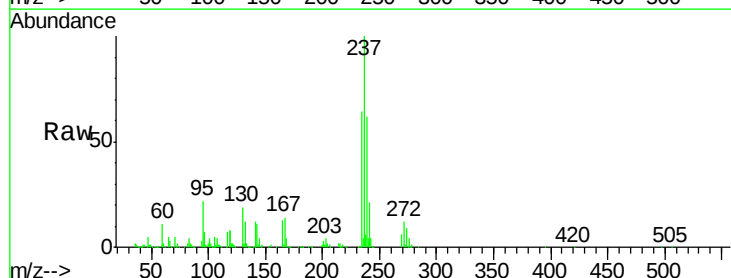
Tgt Ion:237 Resp: 210808

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

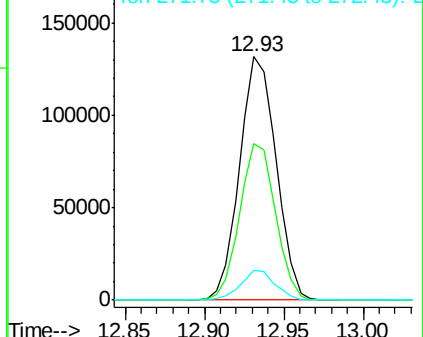
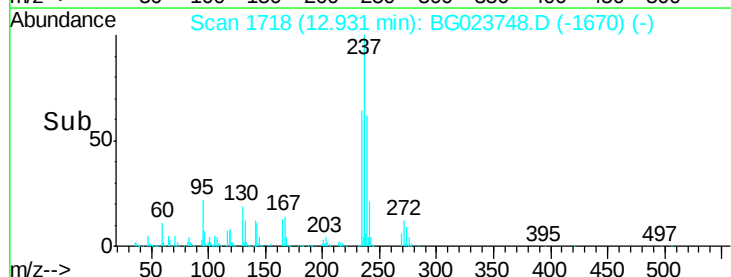
272 12.1 0.0 30.9

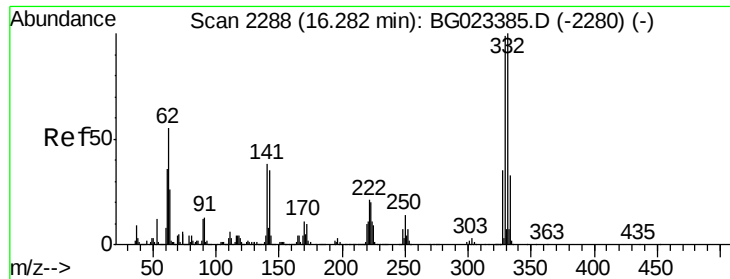


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 114.80 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

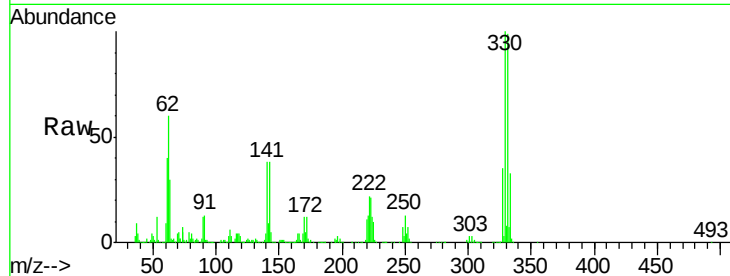
Tot Ion:330 Resp: 608807

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

141 40.1 31.7 47.5



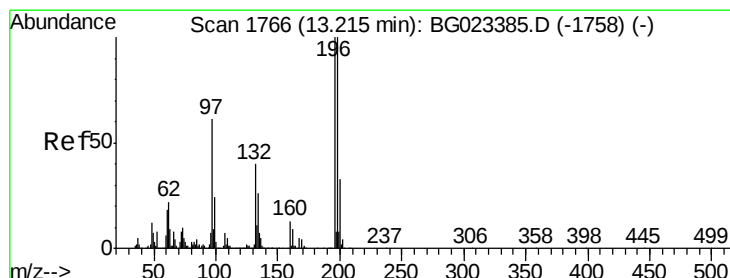
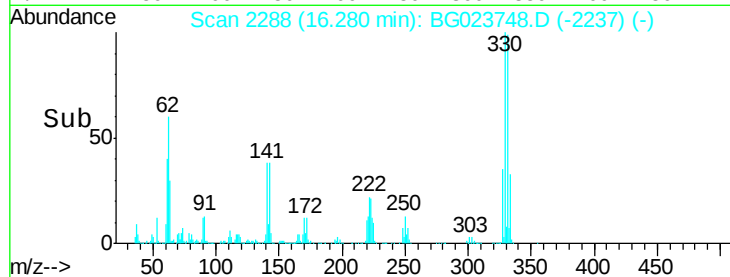
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.28

Time-->



#42

2,4,6-Trichlorophenol

Concen: 43.59 ng

RT: 13.21 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

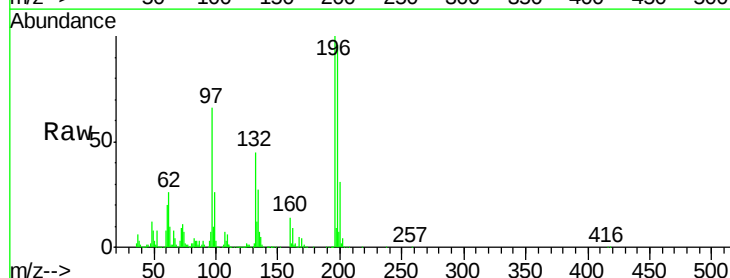
Tgt Ion:196 Resp: 341394

Ion Ratio Lower Upper

196 100

198 95.8 78.2 117.2

200 31.3 27.0 40.4



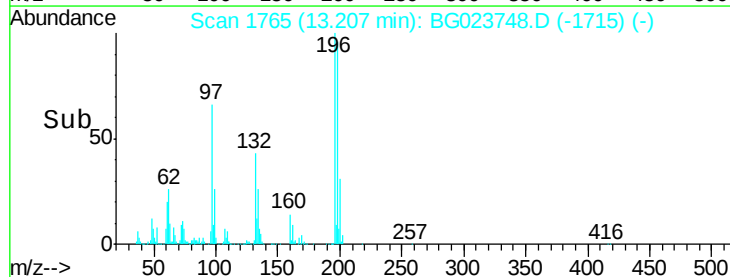
Abundance Ion 196.00 (195.70 to 196.70): E

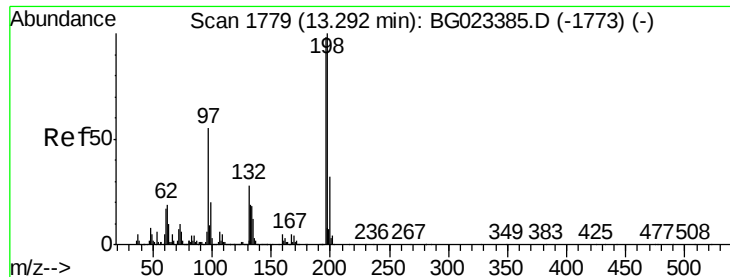
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

13.21

Time-->

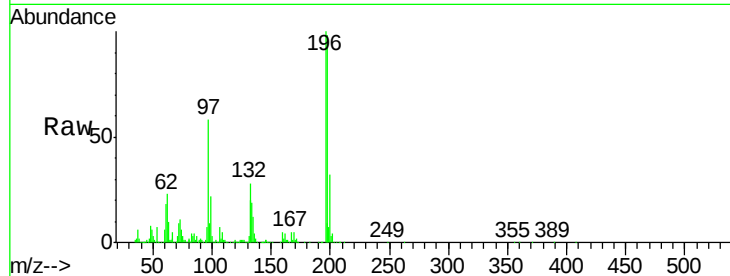




#43
 2,4,5-Trichlorophenol
 Concen: 44.00 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	354772
Ion Ratio	Lower	Upper	
196	100		
198	97.6	85.7	128.5
97	57.6	45.5	68.3
132	27.5	18.9	28.3



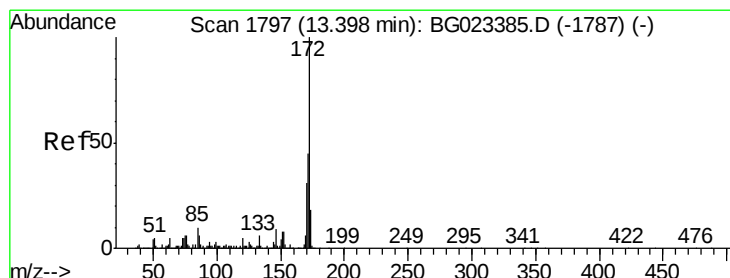
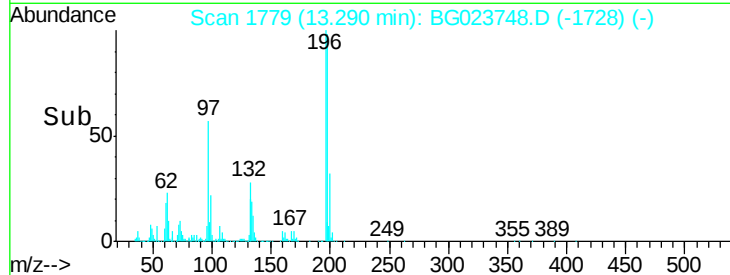
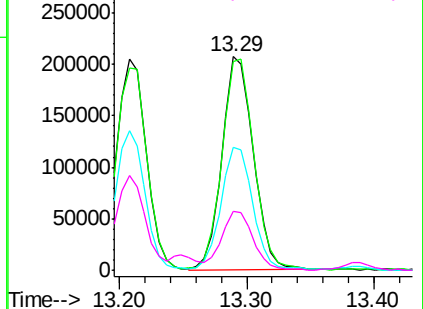
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

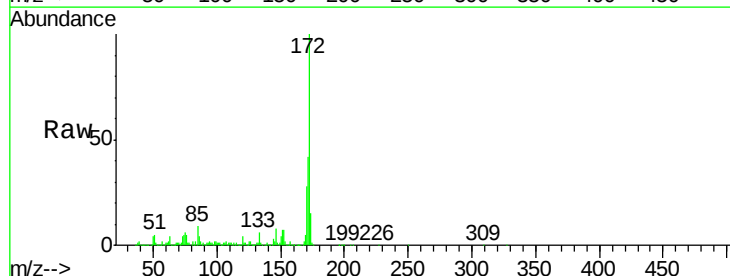
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.13 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion	172	Resp	1851435
Ion Ratio	Lower	Upper	
172	100		
171	42.2	31.6	47.4
170	28.5	21.3	31.9

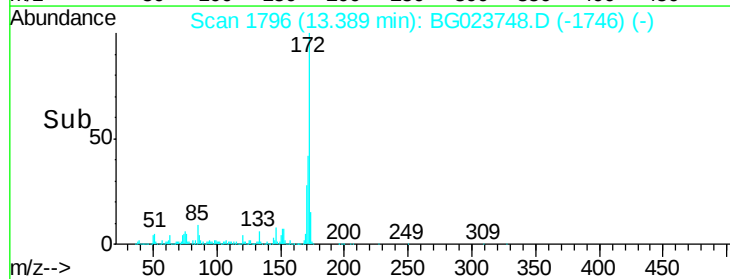
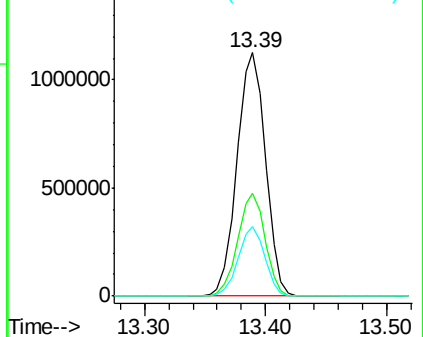


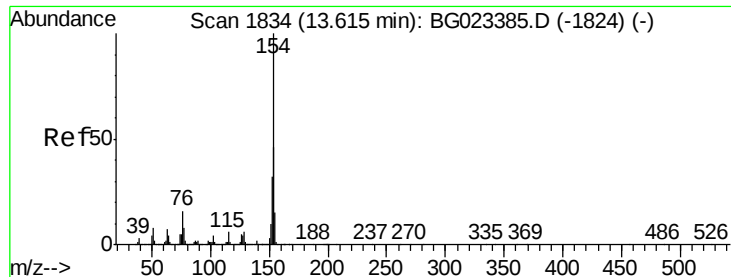
Abundance

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

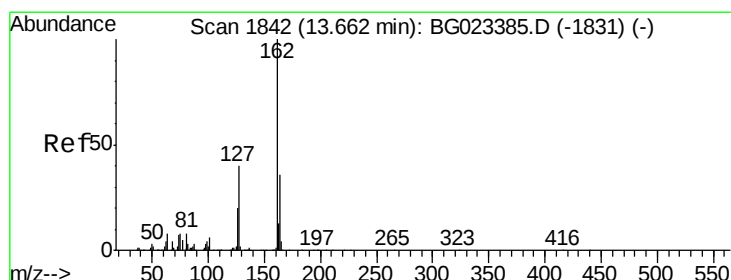
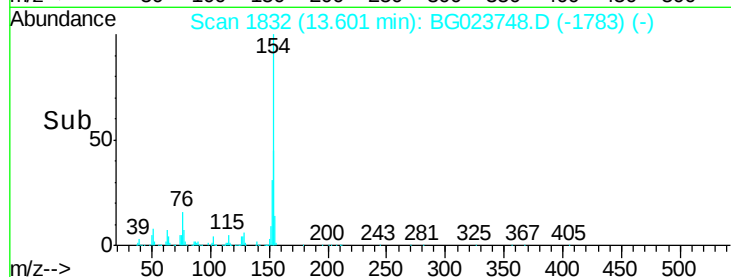
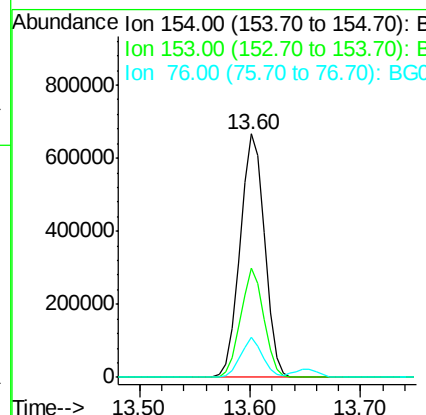
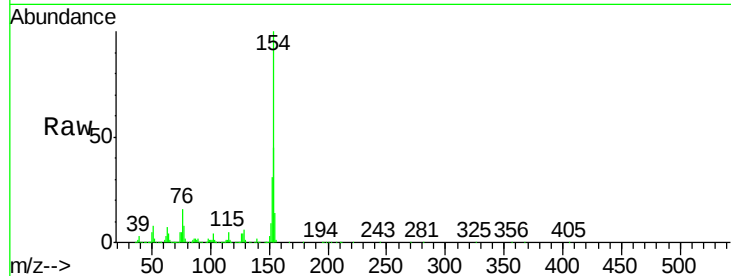




#45
 1,1'-Biphenyl
 Concen: 37.43 ng
 RT: 13.60 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

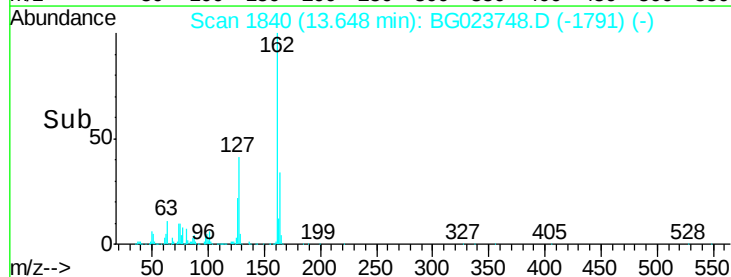
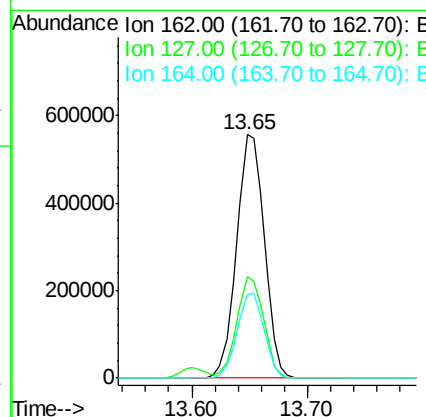
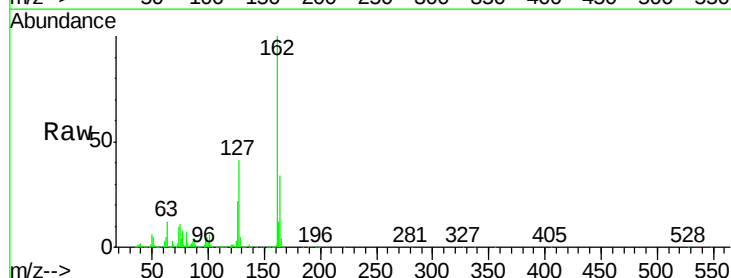
Instrument :
 BNA_G
 ClientSampleId :

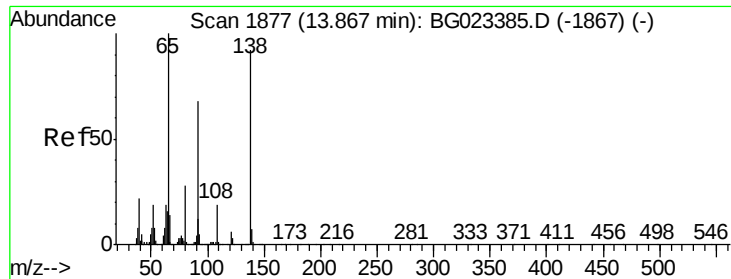
Tot Ion:154 Resp: 1037500
 Ion Ratio Lower Upper
 154 100
 153 45.1 20.2 60.2
 76 16.3 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 43.06 ng
 RT: 13.65 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion:162 Resp: 923250
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.4 48.6
 164 34.3 25.2 37.8

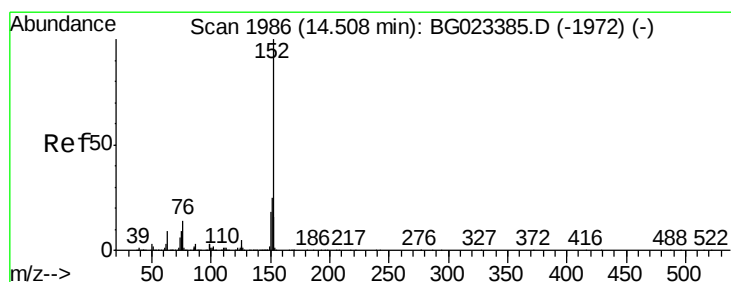
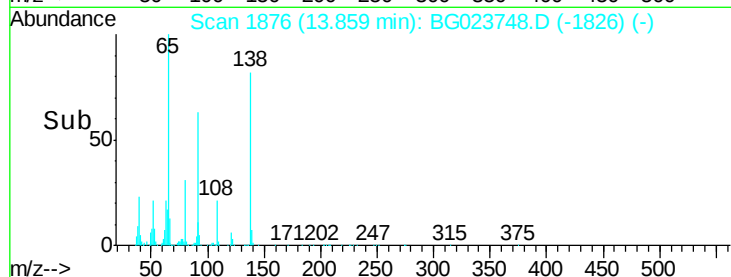
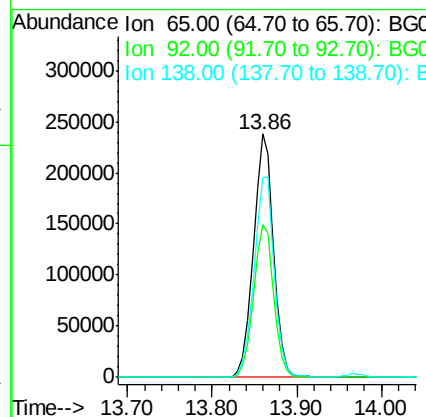
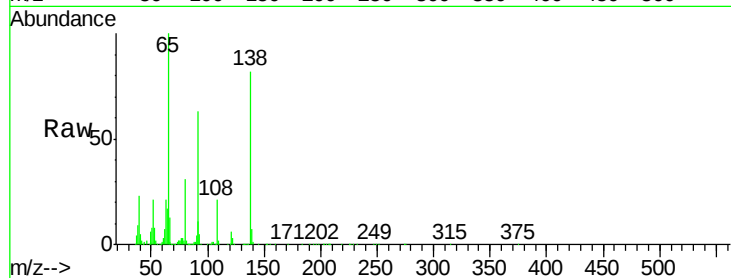




#47
2-Nitroaniline
Concen: 44.31 ng
RT: 13.86 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

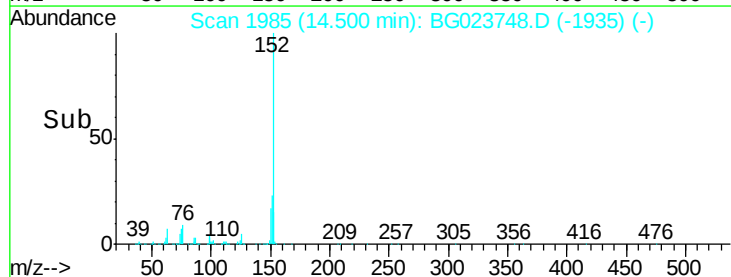
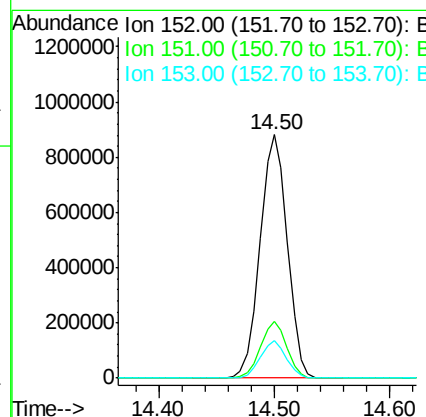
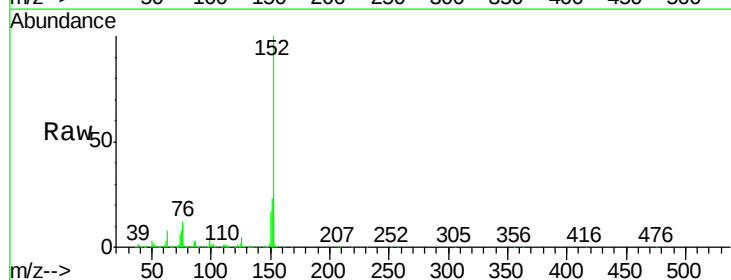
Instrument :
BNA_G
ClientSampleId :

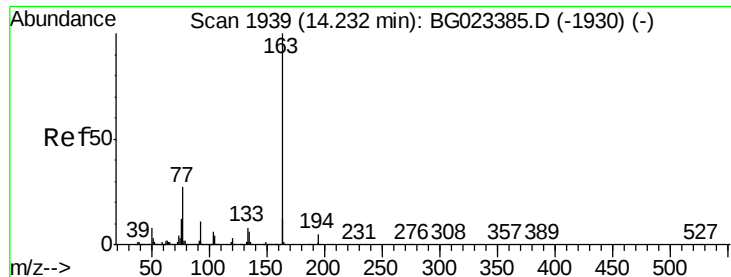
Tot Ion: 65 Resp: 394482
Ion Ratio Lower Upper
65 100
92 62.7 49.4 74.0
138 82.1 58.0 87.0



#48
Acenaphthylene
Concen: 42.78 ng
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion: 152 Resp: 1450019
Ion Ratio Lower Upper
152 100
151 23.4 17.6 26.4
153 15.5 11.4 17.2





#49

Dimethylphthalate

Concen: 43.02 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

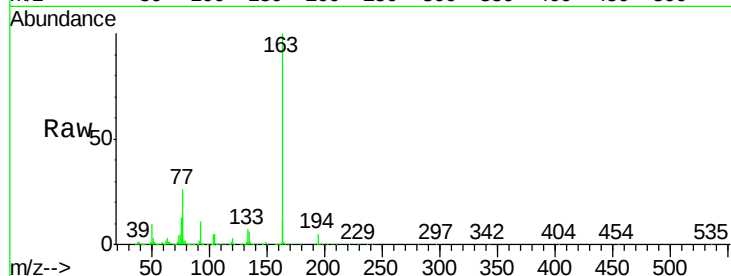
Instrument :

BNA_G

ClientSampleId :

Tot Ion:163 Resp: 1196625

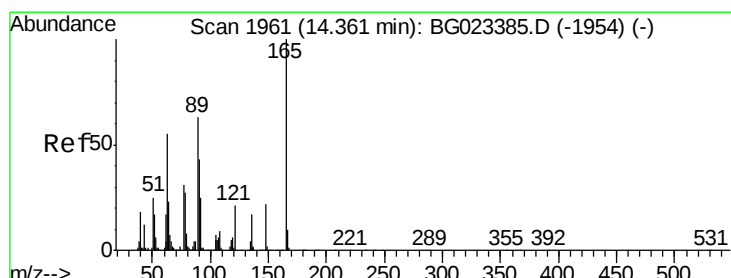
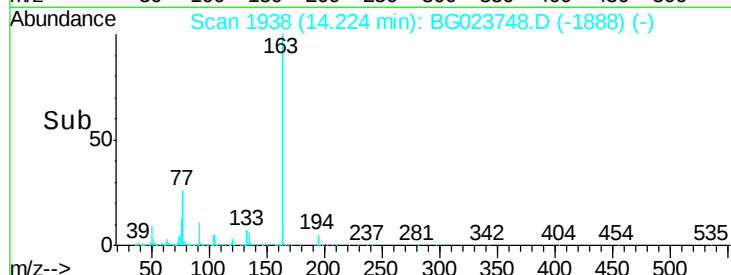
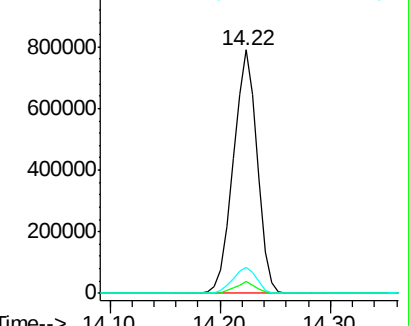
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.9	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.40 ng

RT: 14.35 min Scan# 1960

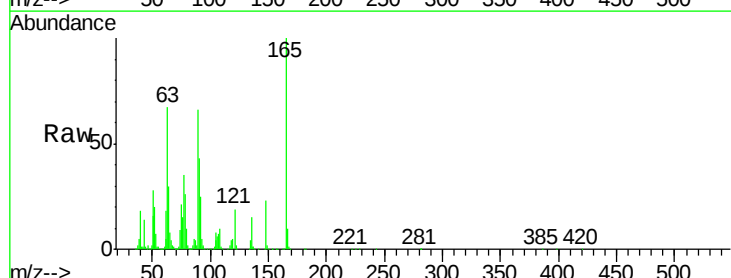
Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Tgt Ion:165 Resp: 285912

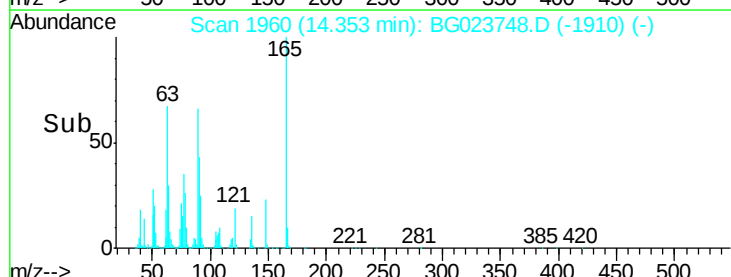
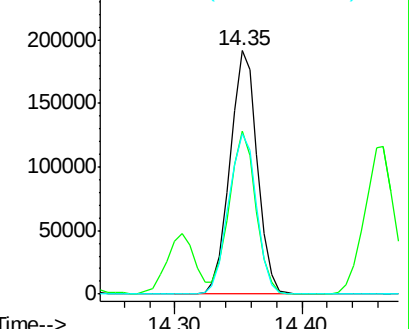
Ion	Ratio	Lower	Upper
165	100		
63	67.1	64.3	96.5
89	65.7	64.3	96.5

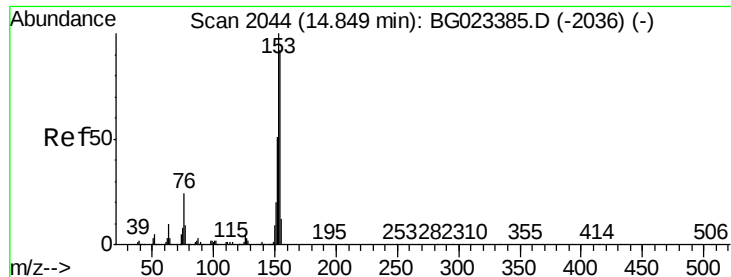


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.27 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

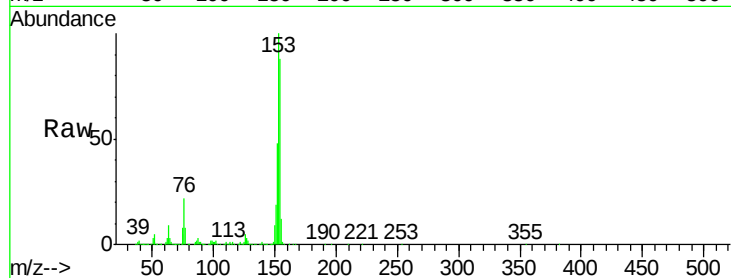
Tot Ion:154 Resp: 929067

Ion Ratio Lower Upper

154 100

153 114.0 87.5 131.3

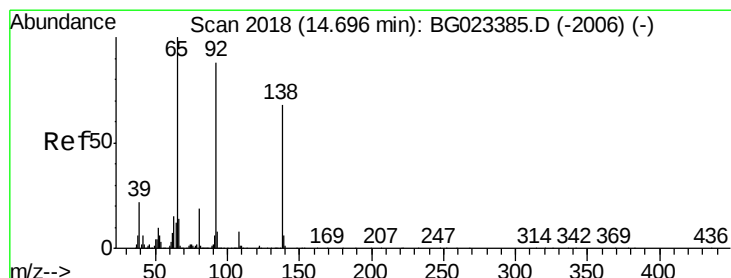
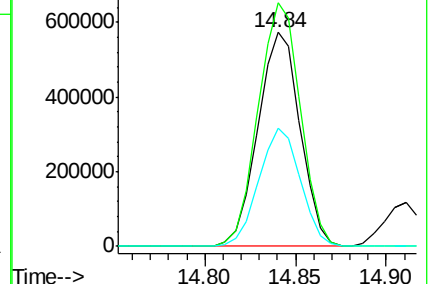
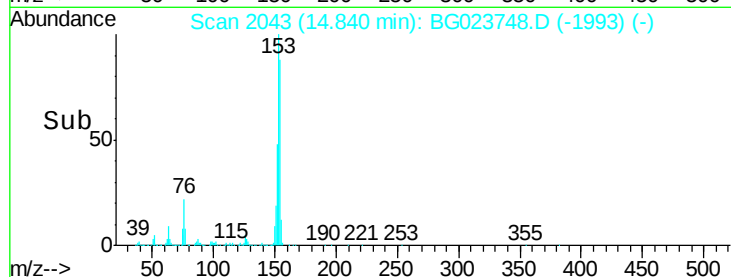
152 55.1 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.81 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

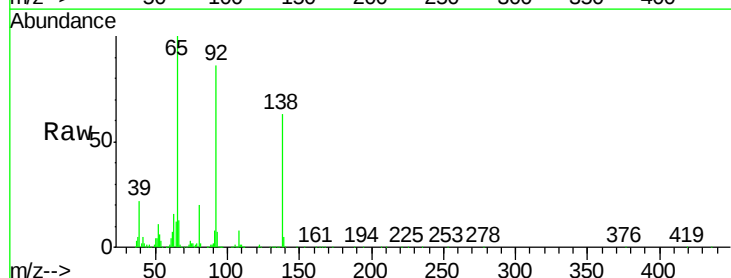
Tgt Ion:138 Resp: 184282

Ion Ratio Lower Upper

138 100

108 13.1 11.7 17.5

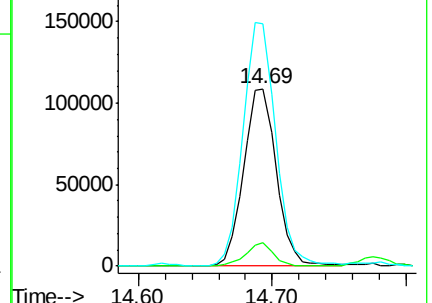
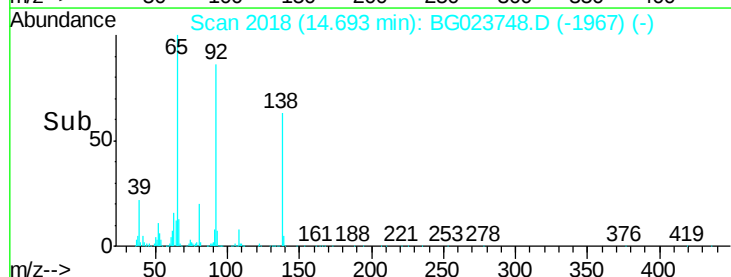
92 136.7 129.7 194.5

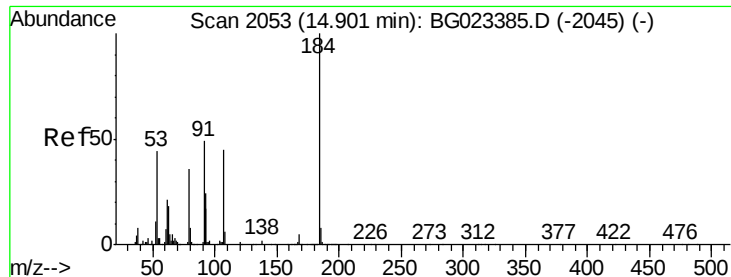


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

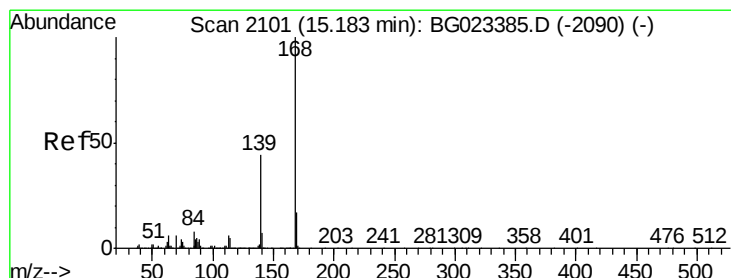
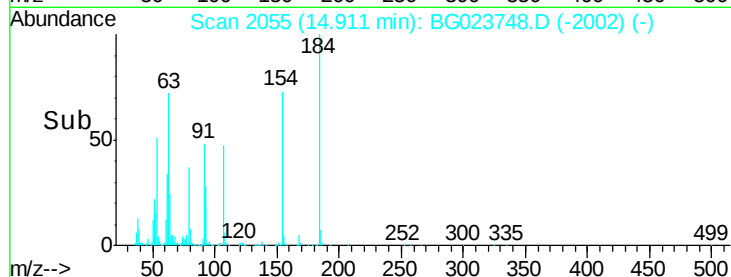
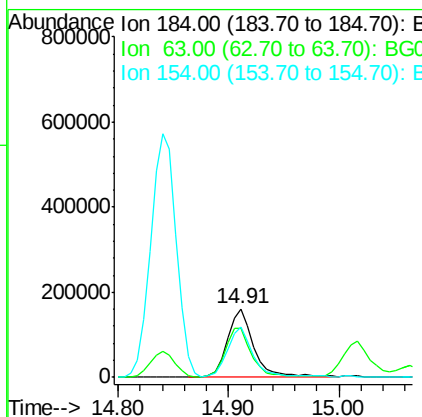
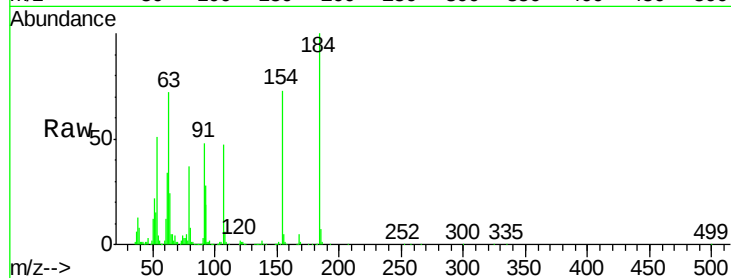




#53
2,4-Dinitrophenol
Concen: 63.88 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

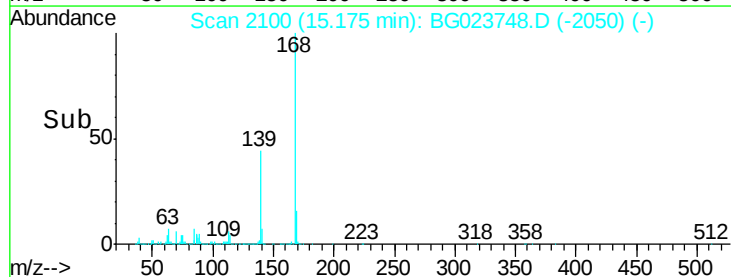
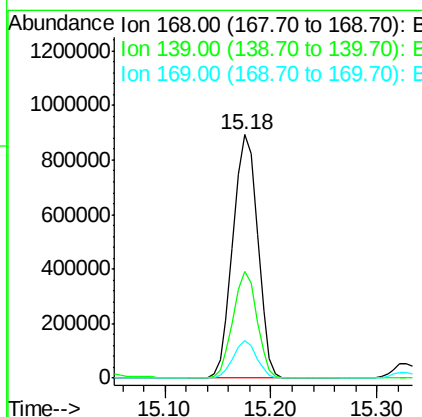
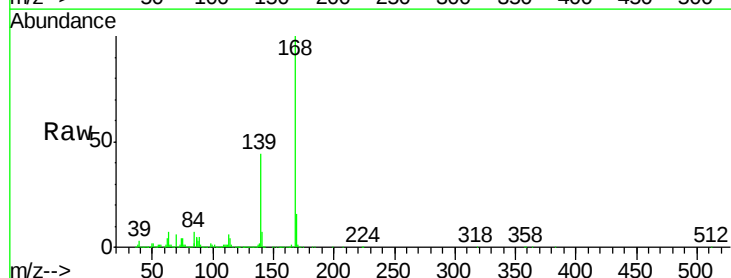
Instrument :
BNA_G
ClientSampleId :

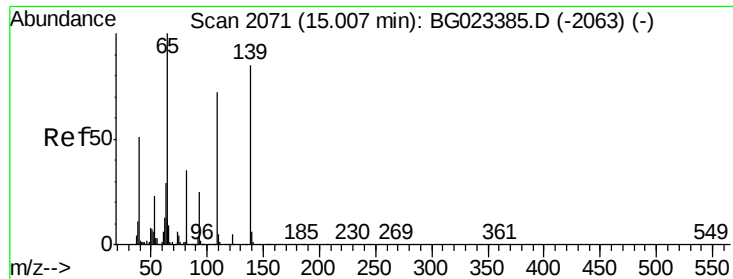
Tot Ion:184 Resp: 269755
Ion Ratio Lower Upper
184 100
63 72.3 59.6 89.4
154 73.1 67.4 101.0



#54
Dibenzofuran
Concen: 46.40 ng
RT: 15.18 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion:168 Resp: 1446483
Ion Ratio Lower Upper
168 100
139 43.9 36.4 54.6
169 15.5 11.9 17.9

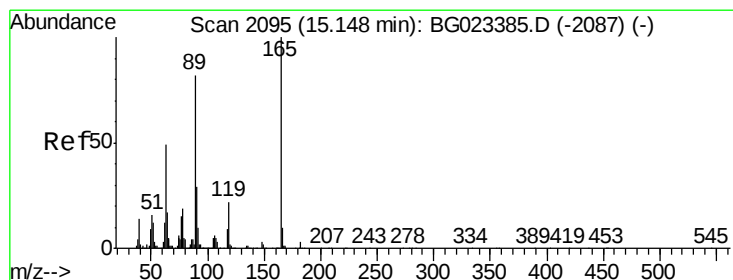
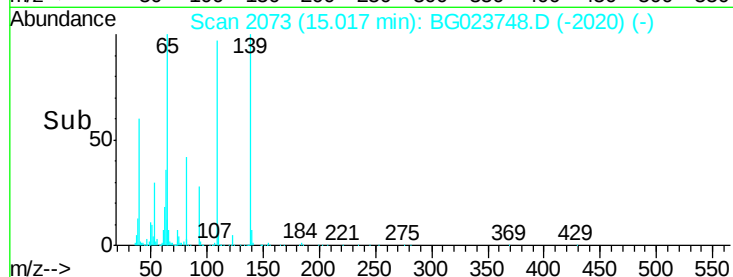
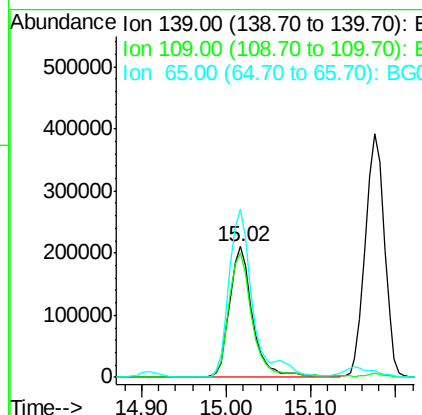
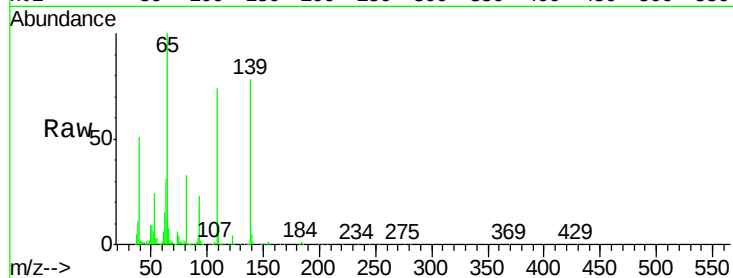




#55
4-Nitrophenol
Concen: 67.82 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

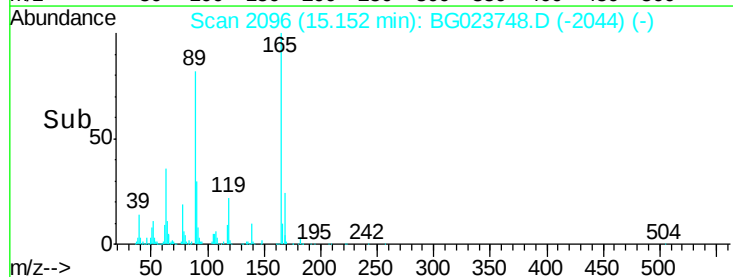
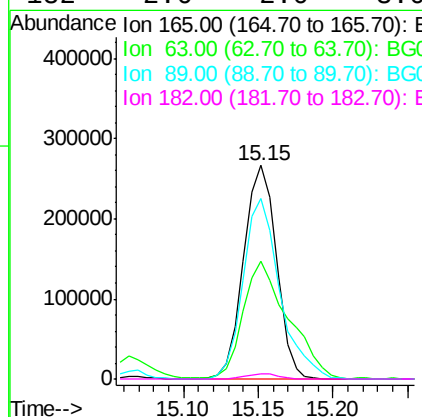
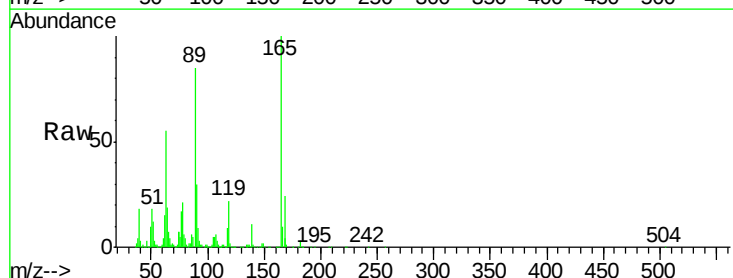
Instrument :
BNA_G
ClientSampleId :

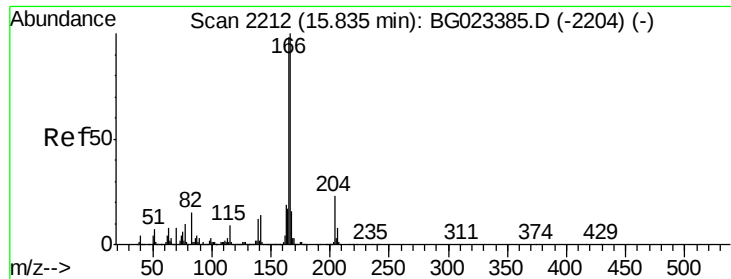
Tot Ion:139 Resp: 395691
Ion Ratio Lower Upper
139 100
109 95.6 103.0 143.0#
65 128.4 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 44.00 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion:165 Resp: 406767
Ion Ratio Lower Upper
165 100
63 55.1 45.8 68.6
89 84.7 68.6 102.8
182 2.6 2.0 3.0

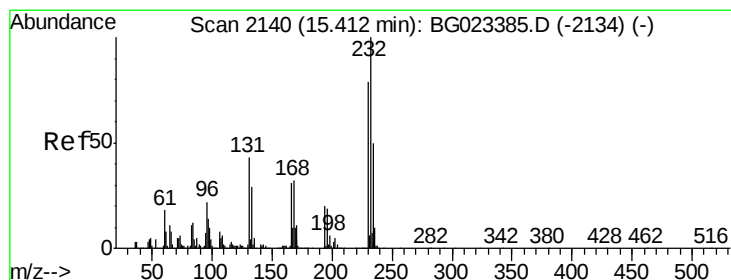
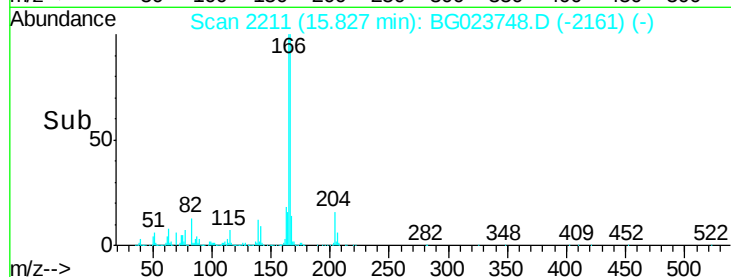
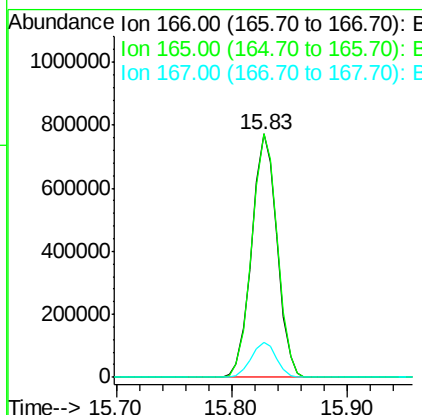
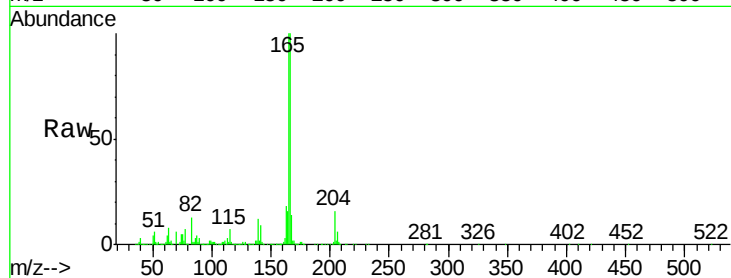




#57
 Fluorene
 Concen: 43.41 ng
 RT: 15.83 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

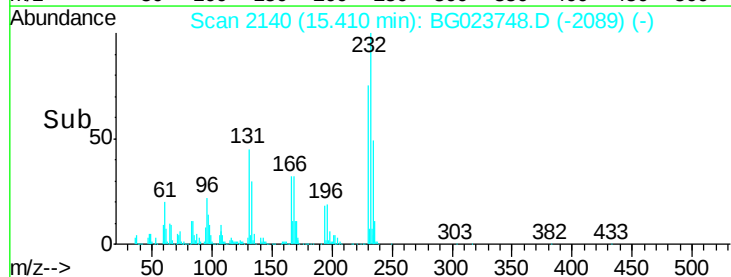
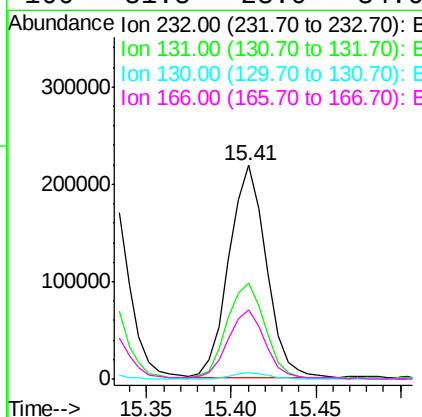
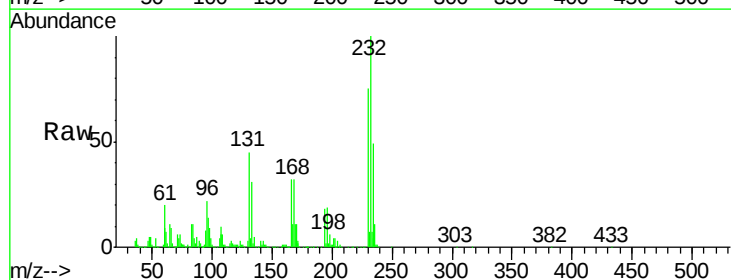
Instrument :
 BNA_G
 ClientSampleId :

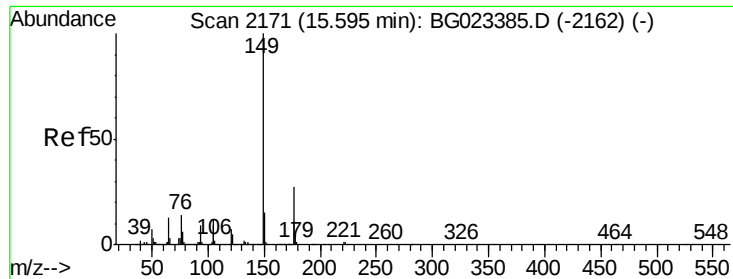
Tot Ion:166 Resp: 1180897
 Ion Ratio Lower Upper
 166 100
 165 99.9 81.0 121.6
 167 14.5 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.40 ng
 RT: 15.41 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion:232 Resp: 335900
 Ion Ratio Lower Upper
 232 100
 131 46.6 32.7 49.1
 130 3.1 2.6 3.8
 166 31.8 23.0 34.6

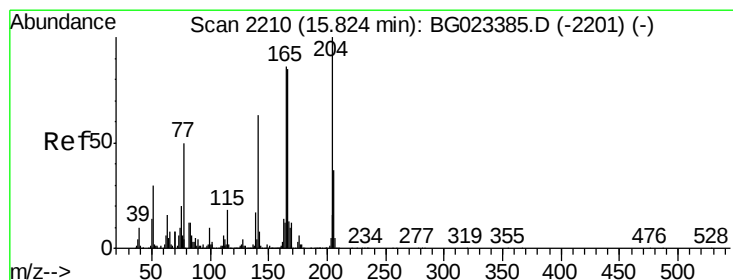
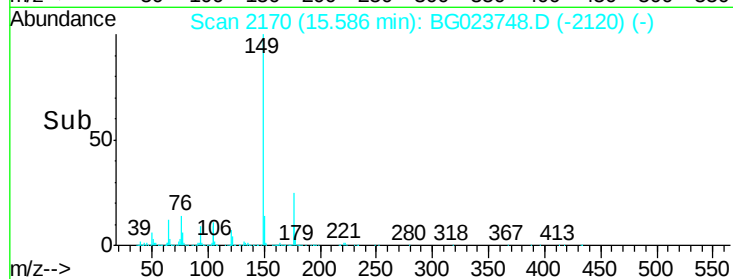
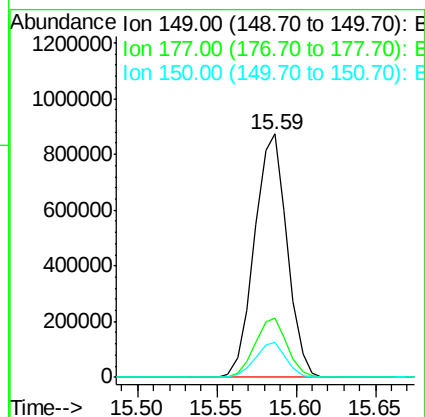
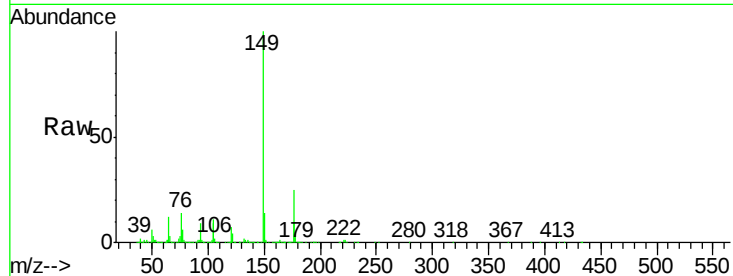




#59
Diethylphthalate
Concen: 44.08 ng
RT: 15.59 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

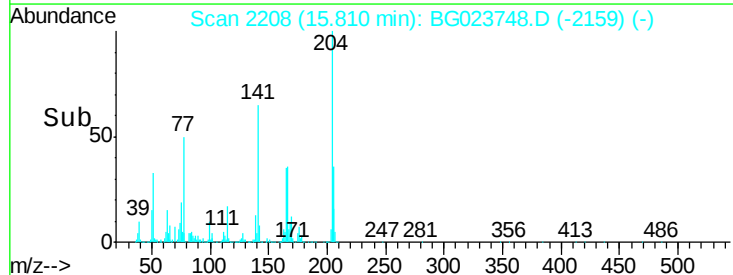
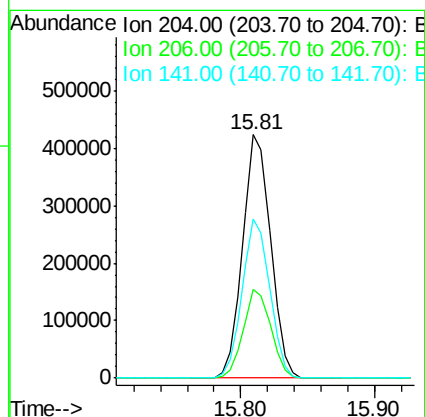
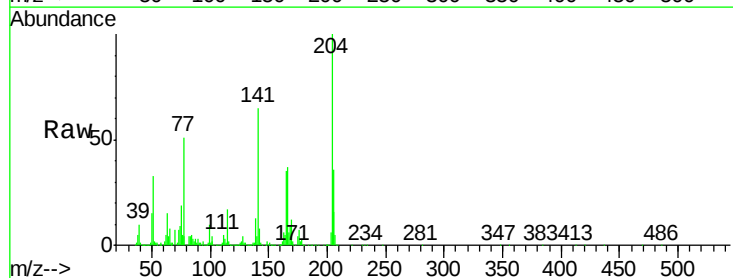
Instrument :
BNA_G
ClientSampled :

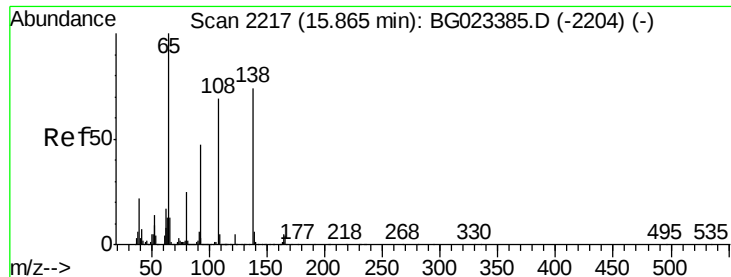
Tot Ion:149 Resp: 1244663
Ion Ratio Lower Upper
149 100
177 24.6 19.2 28.8
150 14.4 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 42.58 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion:204 Resp: 613005
Ion Ratio Lower Upper
204 100
206 36.3 28.5 42.7
141 65.4 51.4 77.0

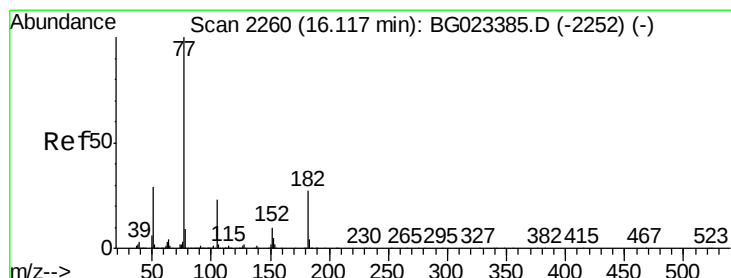
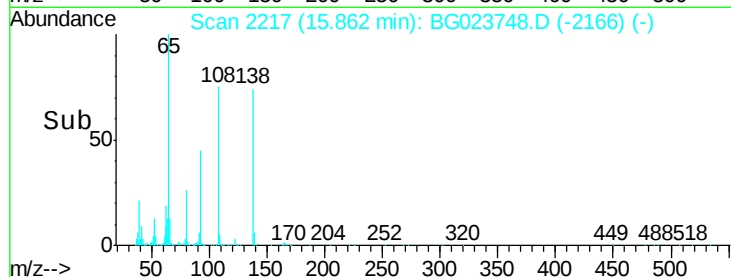
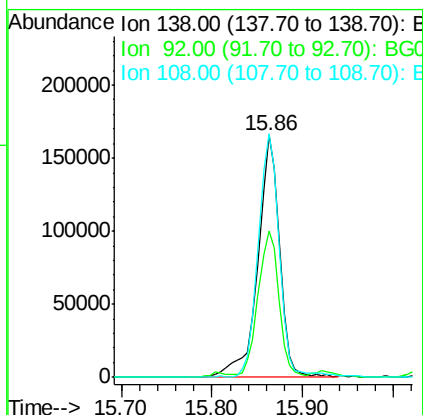
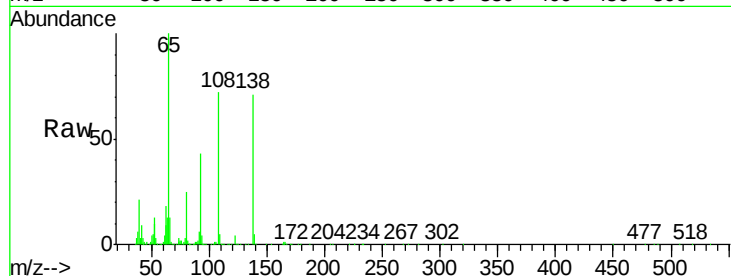




#61
4-Nitroaniline
Concen: 35.21 ng
RT: 15.86 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

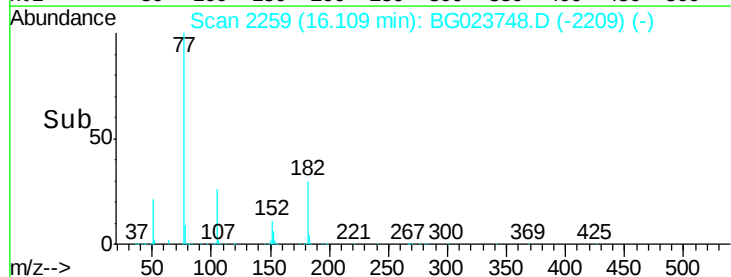
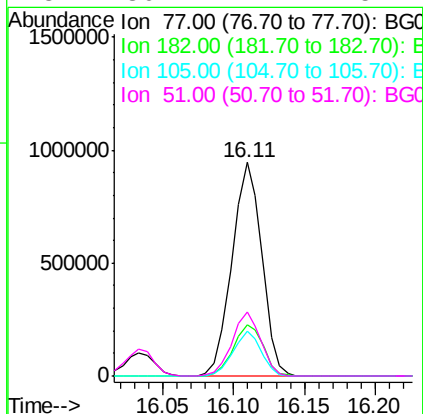
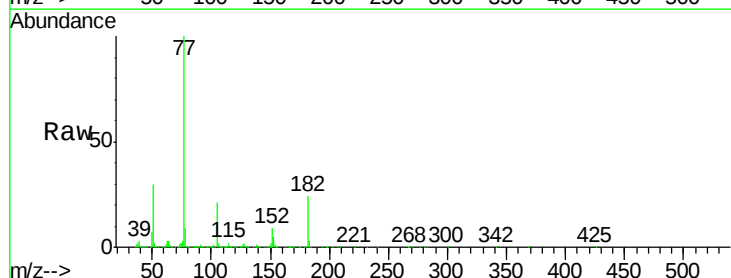
Instrument :
BNA_G
ClientSampleId :

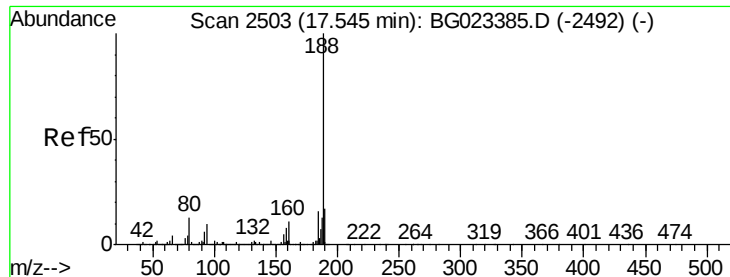
Tot Ion:138 Resp: 278467
Ion Ratio Lower Upper
138 100
92 60.3 54.1 94.1
108 100.7 133.9 173.9#



#62
Azobenzene
Concen: 48.36 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion: 77 Resp: 1384283
Ion Ratio Lower Upper
77 100
182 24.3 3.5 43.5
105 20.8 0.0 38.5
51 30.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

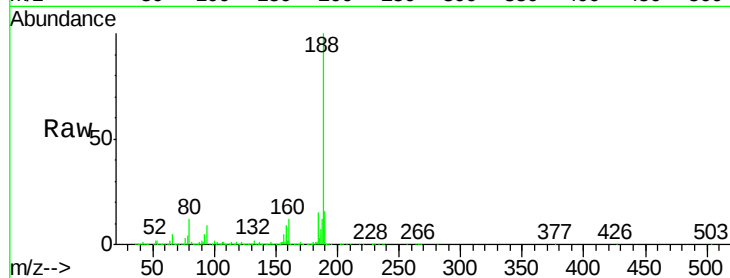
Tot Ion:188 Resp: 823428

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

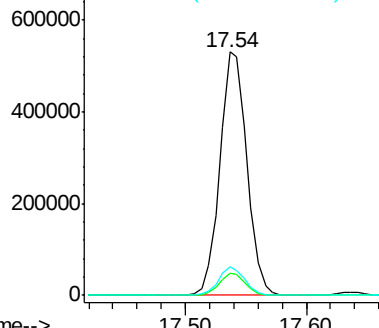
80 11.9 7.2 10.8#



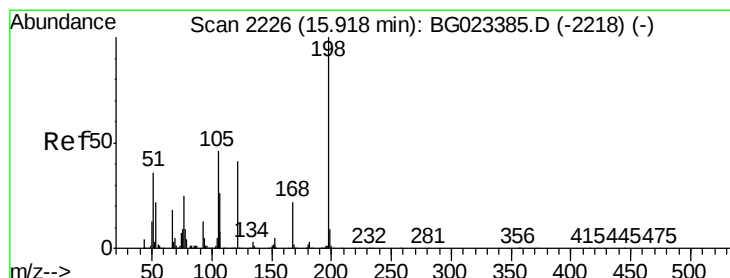
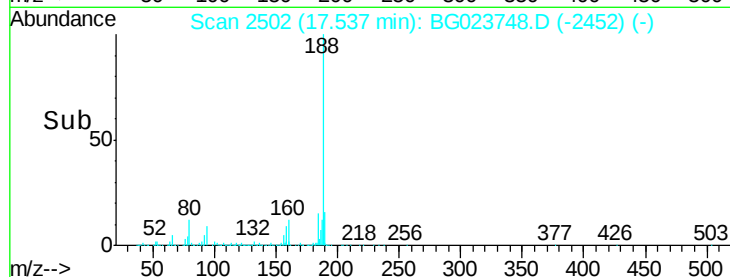
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 37.77 ng

RT: 15.92 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

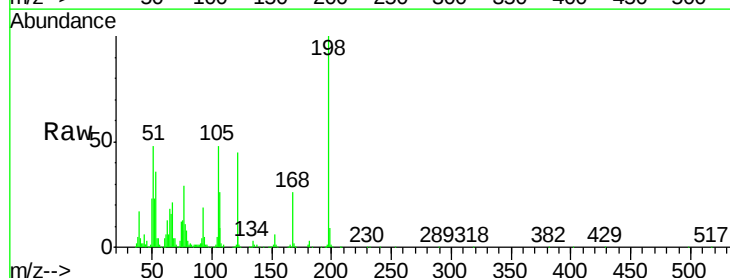
Tgt Ion:198 Resp: 211457

Ion Ratio Lower Upper

198 100

51 48.0 26.0 66.0

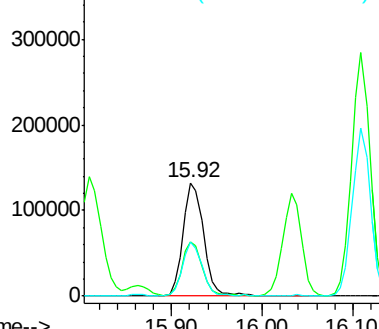
105 48.5 20.1 60.1



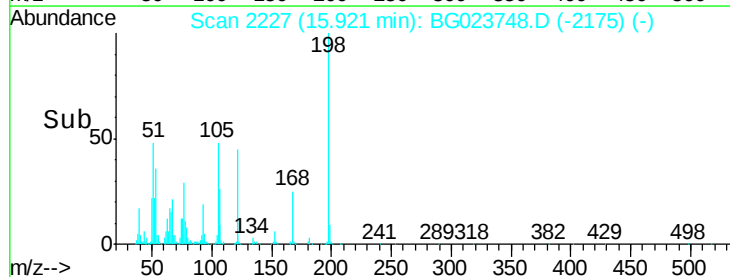
Abundance Ion 198.00 (197.70 to 198.70): E

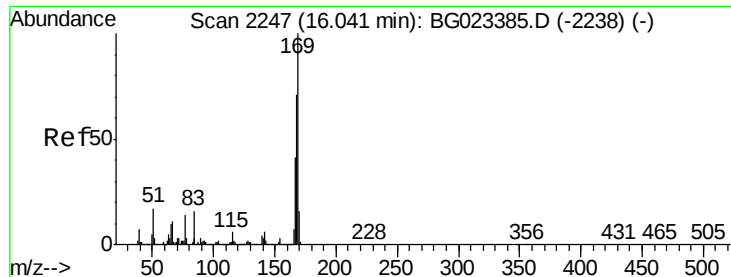
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 44.21 ng

RT: 16.03 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

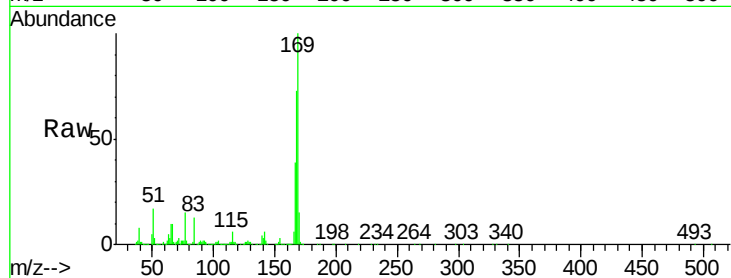
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 1067781

Ion	Ratio	Lower	Upper
169	100		
168	72.5	55.0	82.4
167	38.7	27.4	41.0

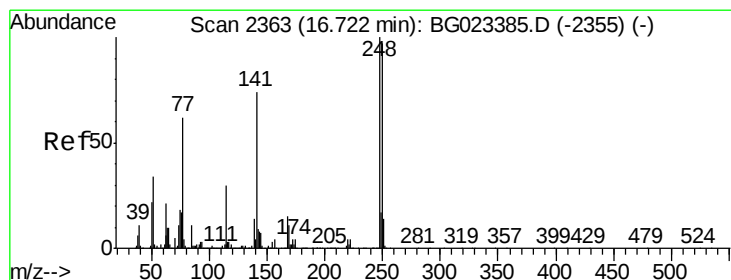
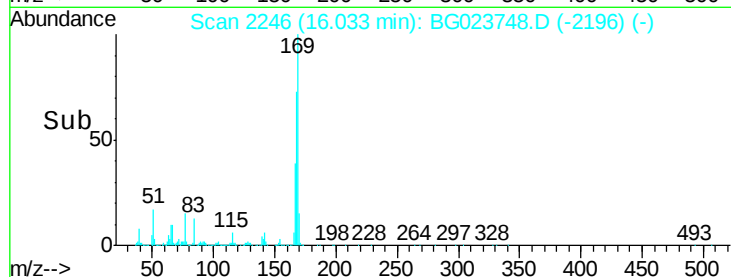
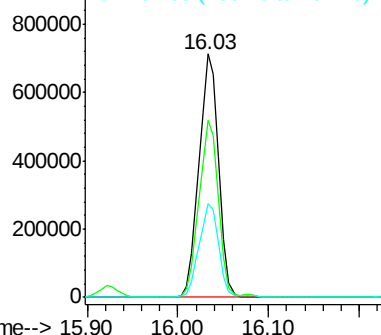


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.67 ng

RT: 16.71 min Scan# 2362

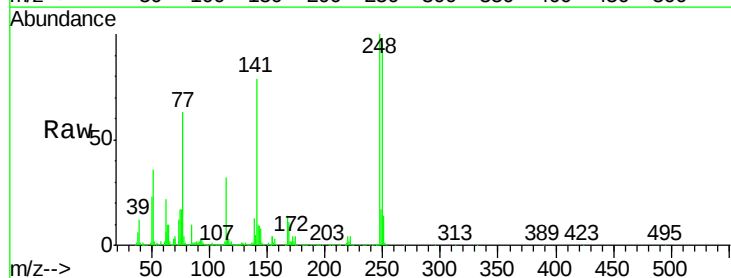
Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Tgt Ion:248 Resp: 419073

Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.8	116.8
141	79.2	65.7	98.5

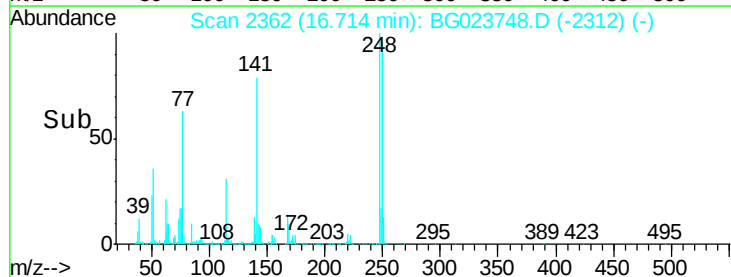
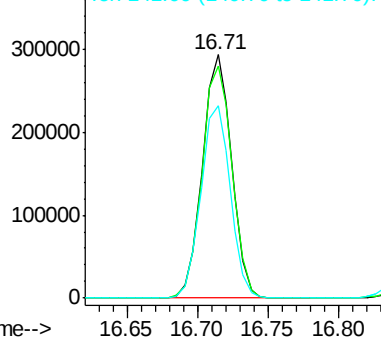


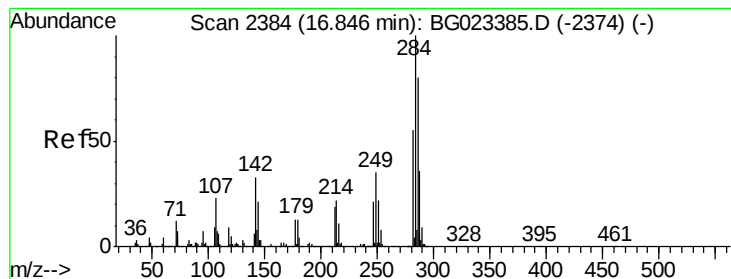
Abundance

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: 42.03 ng

RT: 16.84 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

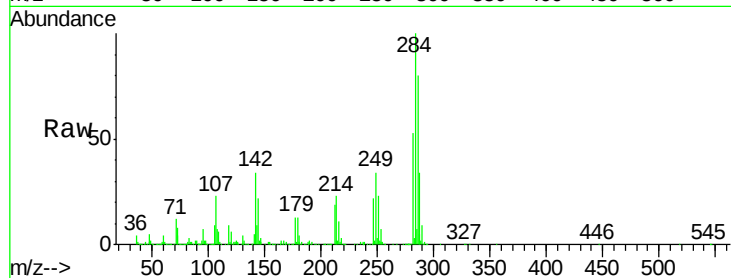
Tot Ion:284 Resp: 441300

Ion Ratio Lower Upper

284 100

142 34.2 26.8 40.2

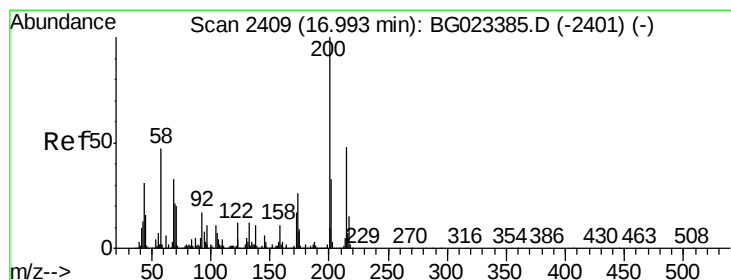
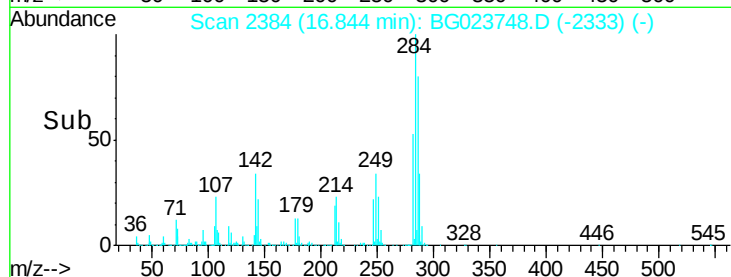
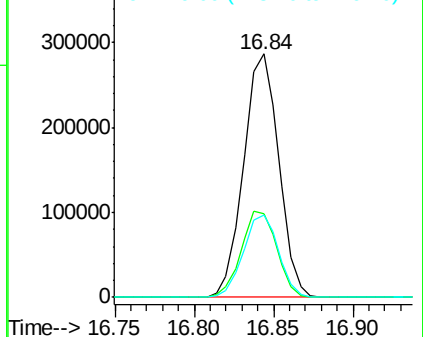
249 33.6 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.25 ng

RT: 16.98 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

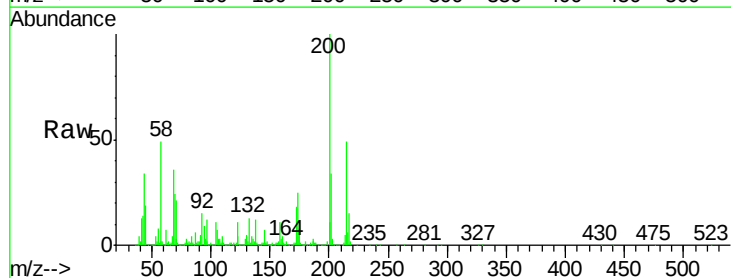
Tgt Ion:200 Resp: 419685

Ion Ratio Lower Upper

200 100

173 24.9 1.6 41.6

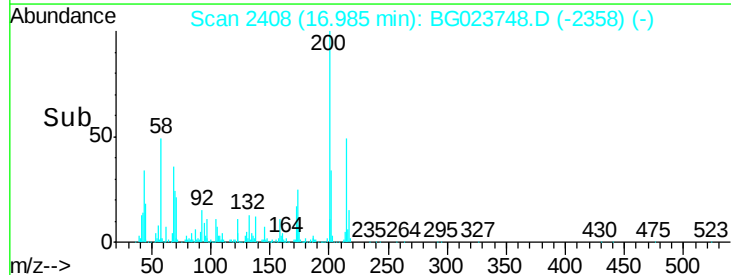
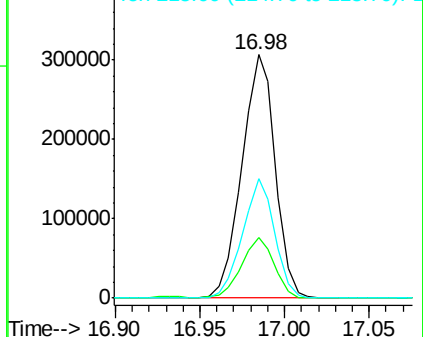
215 49.2 28.7 68.7

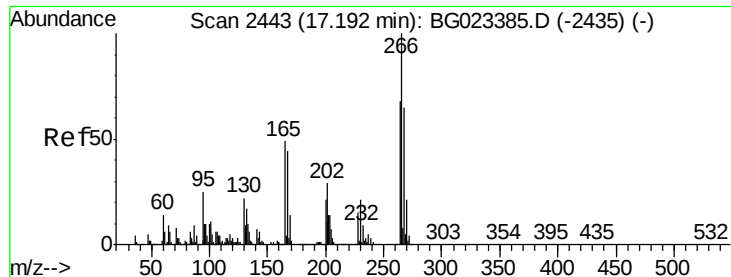


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

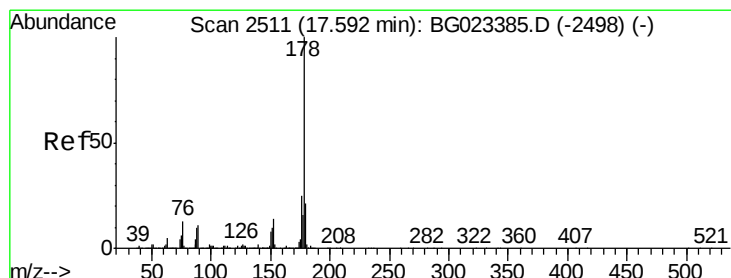
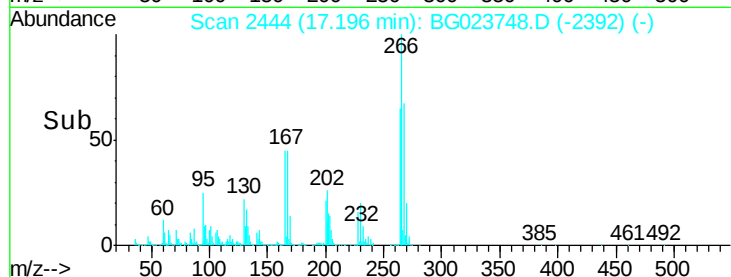
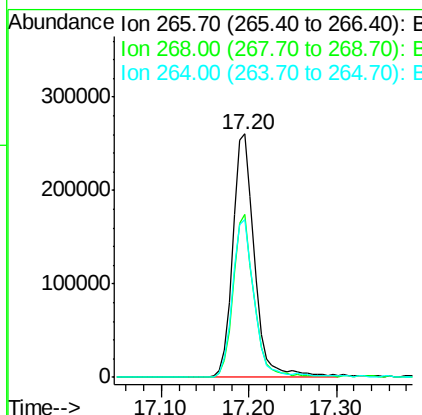
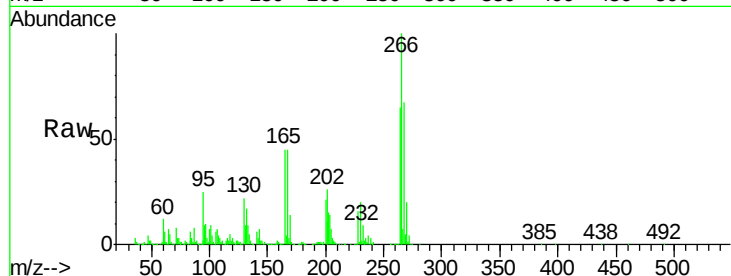




#69
 Pentachlorophenol
 Concen: 71.57 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

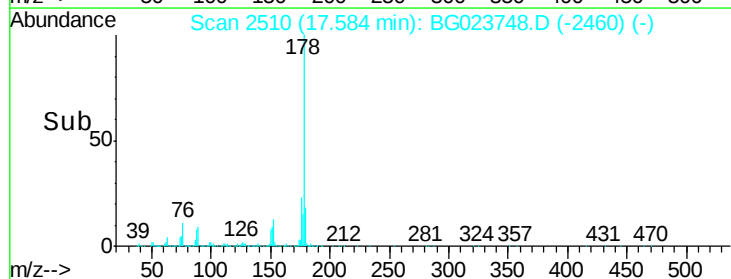
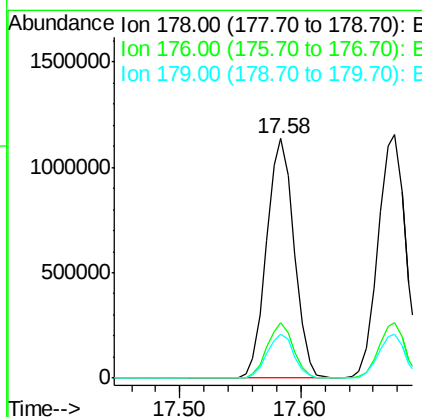
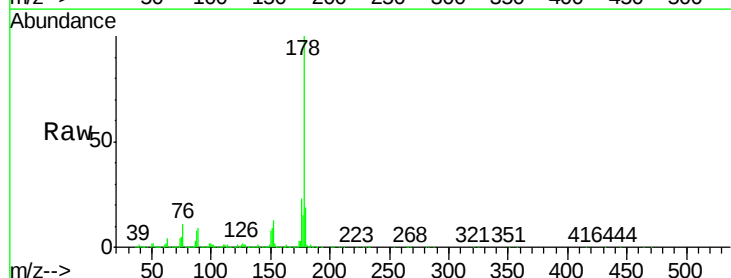
Instrument :
 BNA_G
 ClientSampleId :

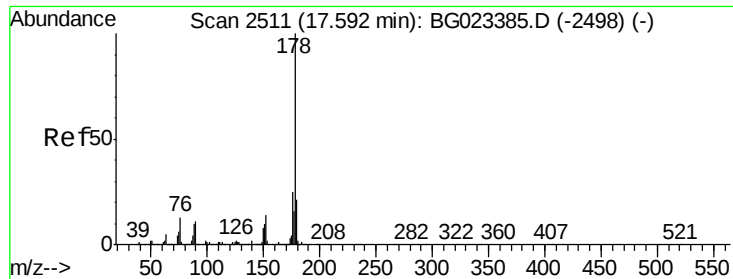
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.9	77.9
264	64.8	50.6	75.8



#70
 Phenanthrene
 Concen: 43.24 ng
 RT: 17.58 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.4	16.8	25.2
179	18.5	14.3	21.5

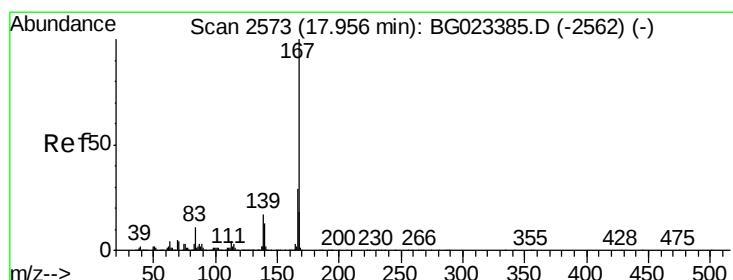
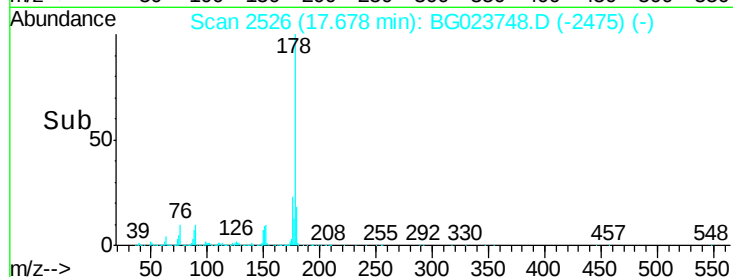
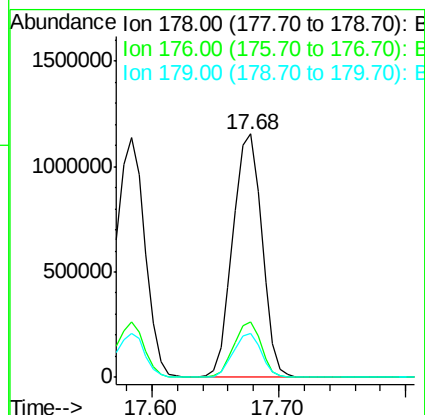
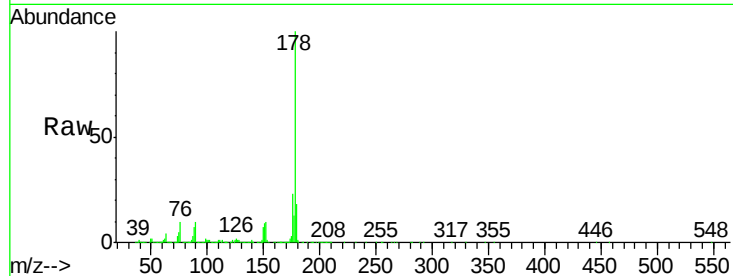




#71
 Anthracene
 Concen: 43.68 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

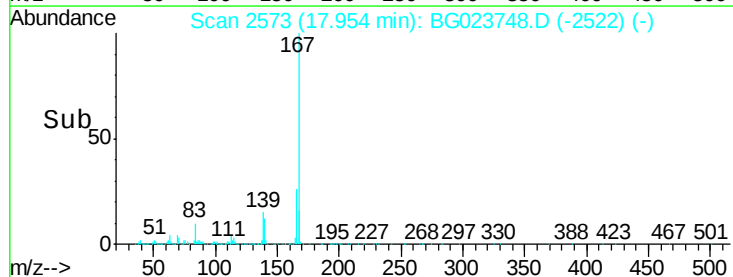
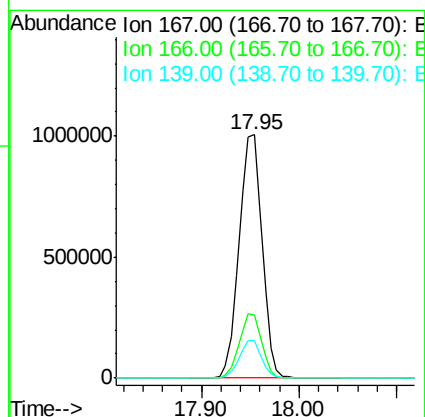
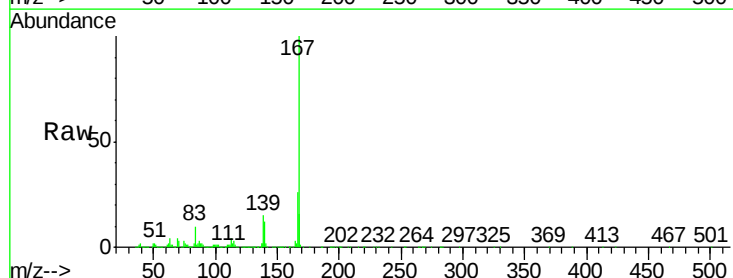
Instrument :
 BNA_G
 ClientSampleId :

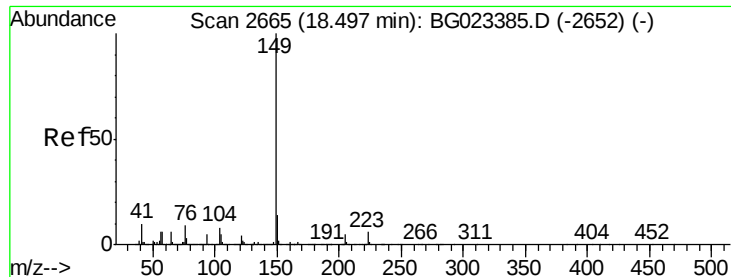
Tot Ion:178 Resp: 1835518
 Ion Ratio Lower Upper
 178 100
 176 22.9 17.3 25.9
 179 17.9 14.0 21.0



#72
 Carbazole
 Concen: 44.79 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion:167 Resp: 1652727
 Ion Ratio Lower Upper
 167 100
 166 26.1 20.7 31.1
 139 15.3 11.9 17.9





#73

Di-n-butylphthalate

Concen: 53.26 ng

RT: 18.49 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

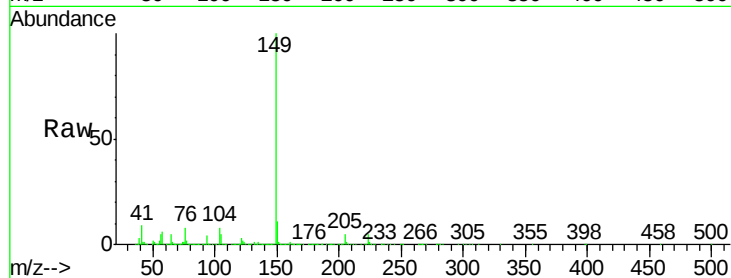
Tot Ion:149 Resp: 1940421

Ion Ratio Lower Upper

149 100

150 11.3 9.1 13.7

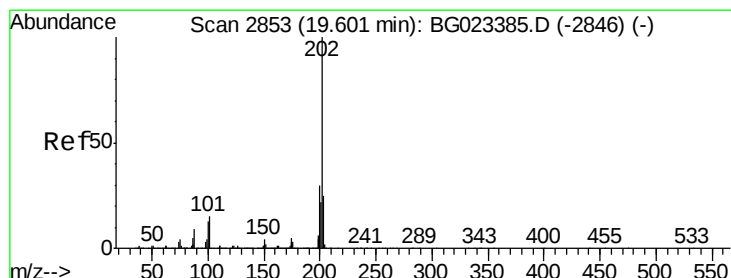
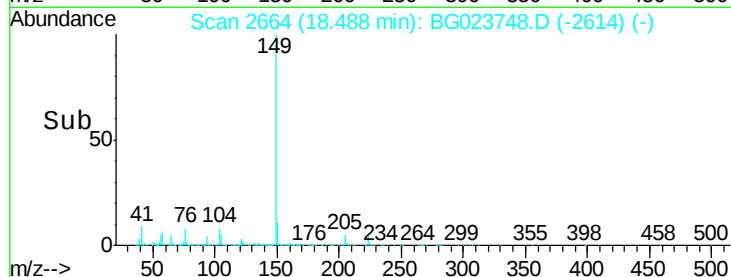
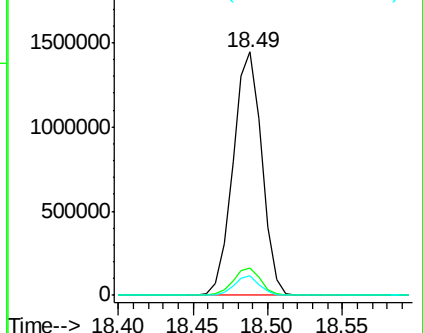
104 7.9 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.87 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

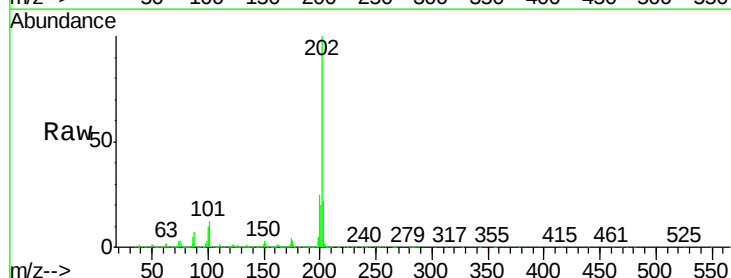
Tgt Ion:202 Resp: 1954749

Ion Ratio Lower Upper

202 100

101 11.6 0.0 27.4

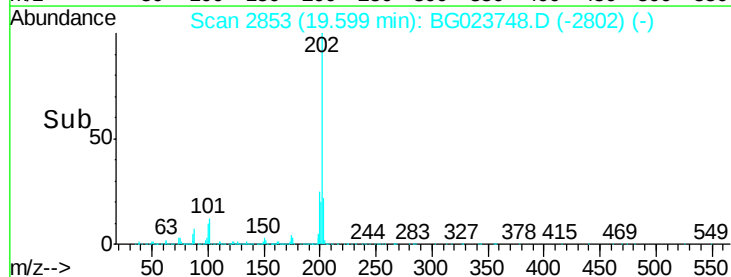
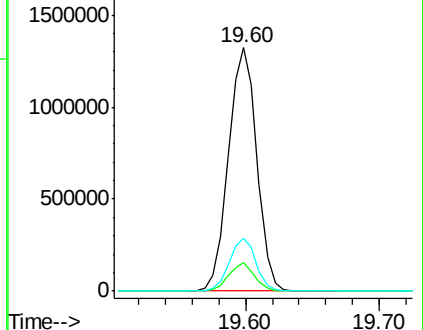
203 21.6 1.7 41.7

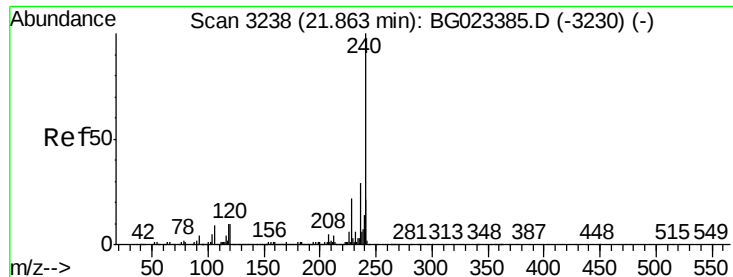


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

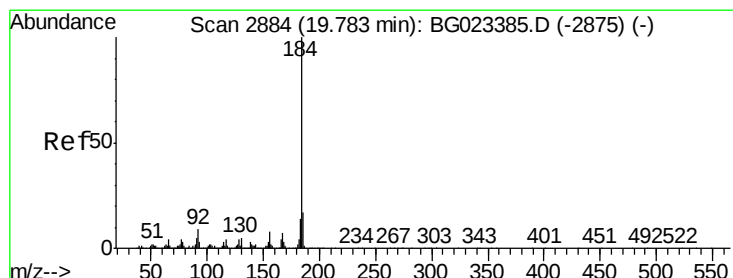
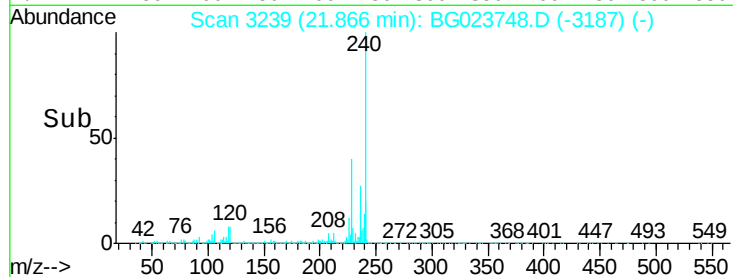
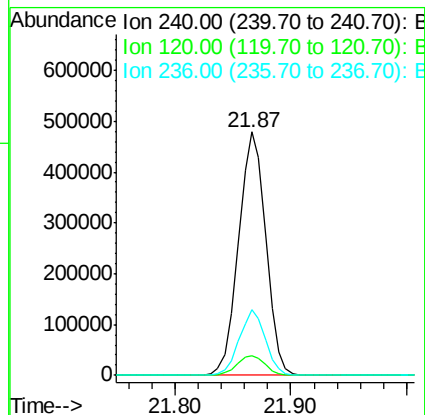
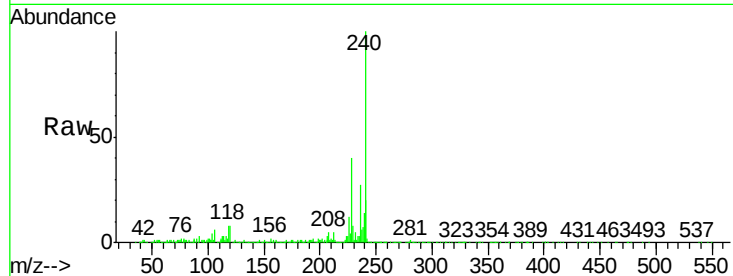
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 780774

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.1	6.1#
236	26.8	21.1	31.7



#76

Benzidine

Concen: 21.91 ng

RT: 19.77 min Scan# 2883

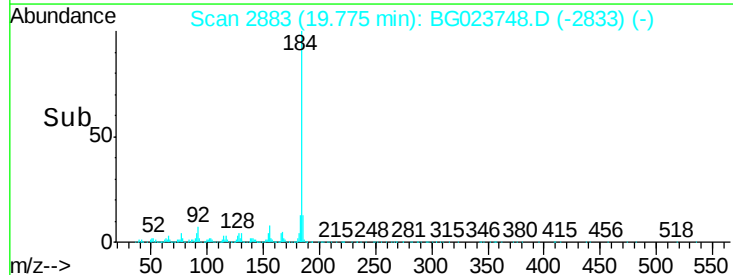
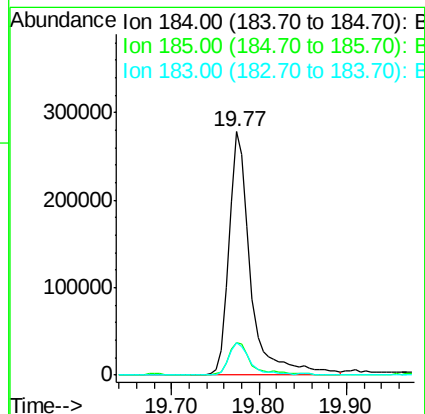
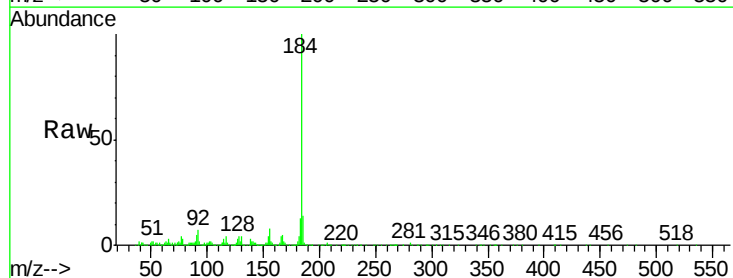
Delta R.T. -0.01 min

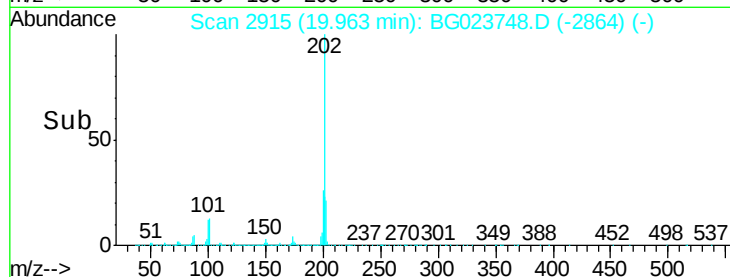
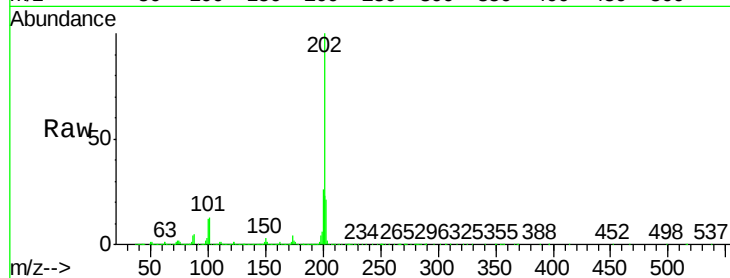
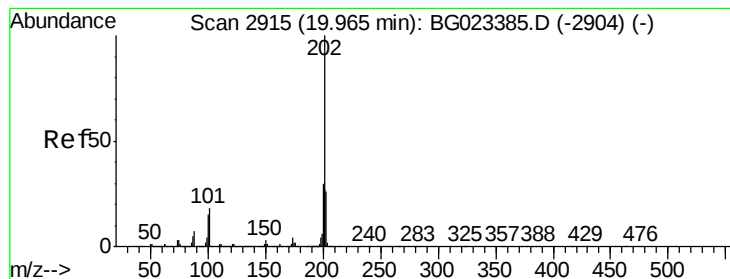
Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Tgt Ion:184 Resp: 475625

Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.6	19.0
183	13.3	10.7	16.1





#77

Pvrene

Concen: 44.45 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

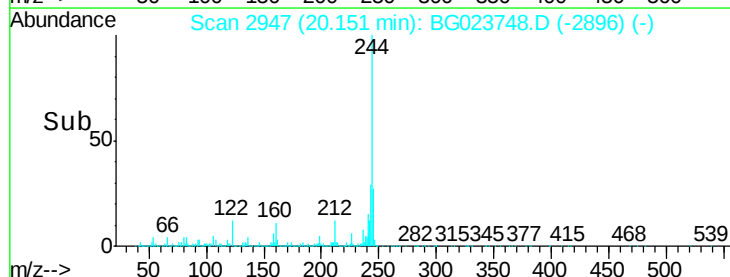
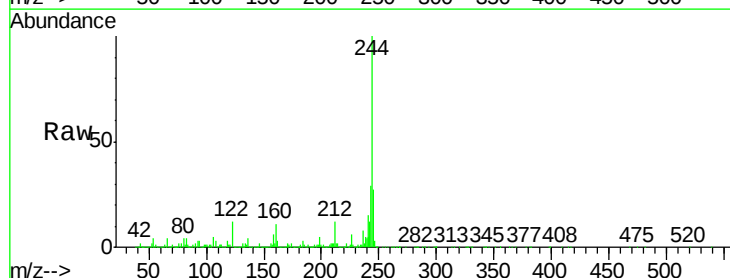
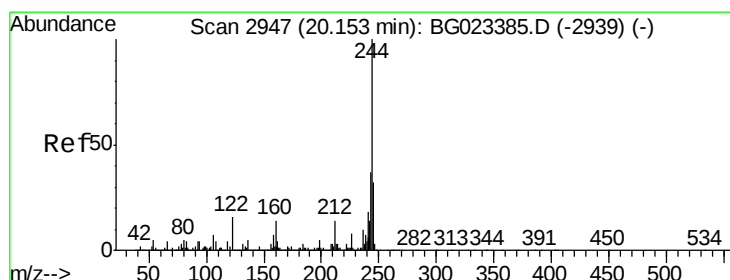
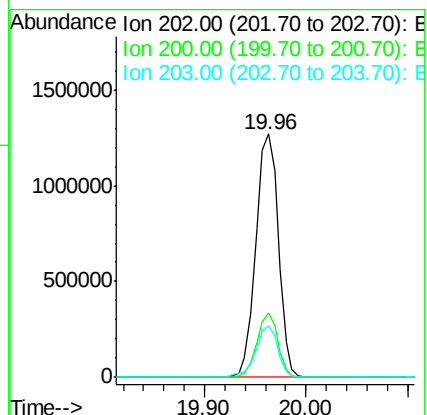
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1970190

Ion	Ratio	Lower	Upper
202	100		
200	26.4	21.2	31.8
203	21.4	16.8	25.2



#78

Terphenyl-d14

Concen: 100.70 ng

RT: 20.15 min Scan# 2947

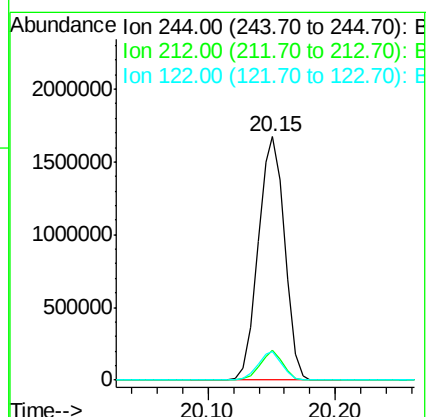
Delta R.T. -0.00 min

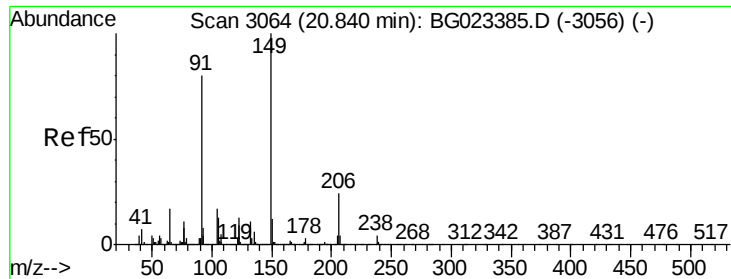
Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Tgt Ion:244 Resp: 2424197

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.8	16.2
122	11.7	8.0	12.0





#79

Butylbenzylphthalate

Concen: 48.97 ng

RT: 20.84 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampled :

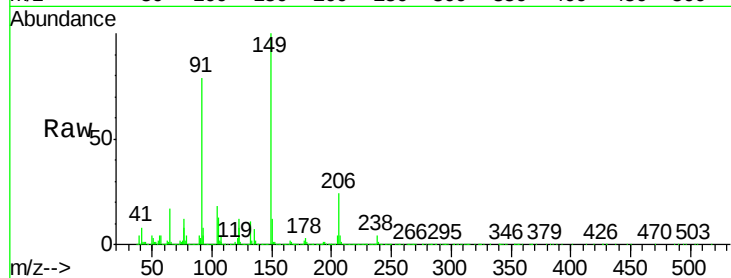
Tot Ion:149 Resp: 920738

Ion Ratio Lower Upper

149 100

91 79.3 68.1 102.1

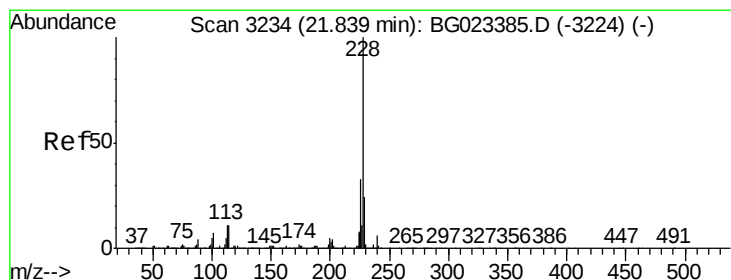
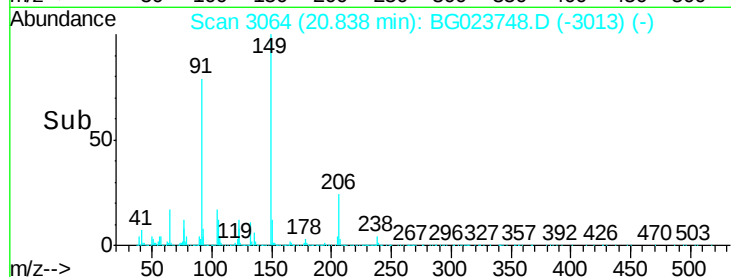
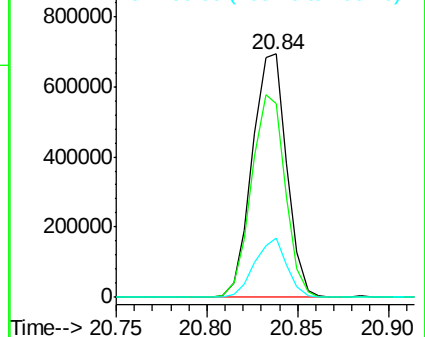
206 24.2 19.8 29.6



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: 44.45 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

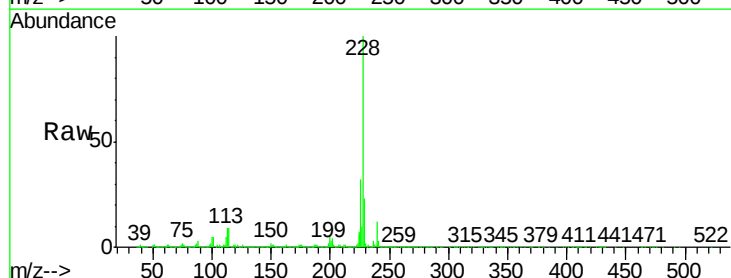
Tgt Ion:228 Resp: 1915886

Ion Ratio Lower Upper

228 100

226 31.5 25.3 37.9

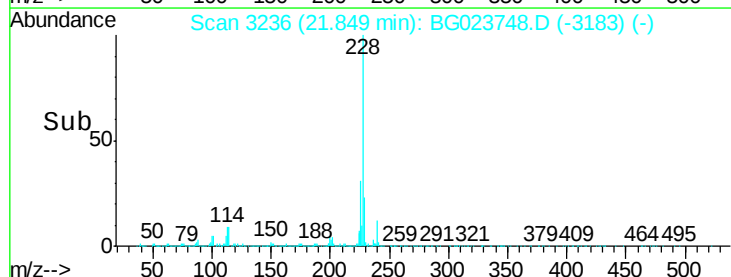
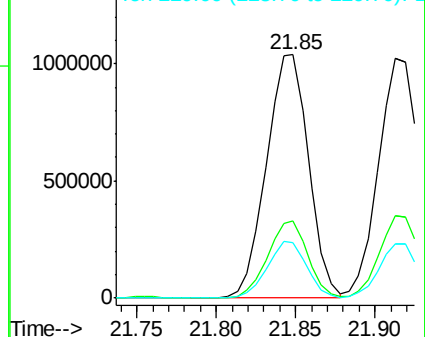
229 22.5 19.9 29.9

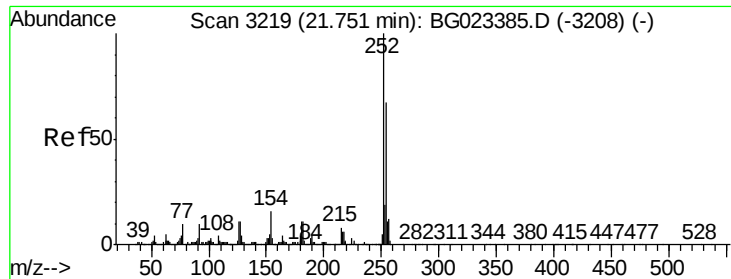


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

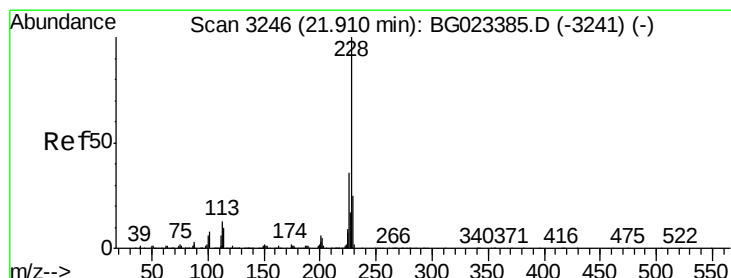
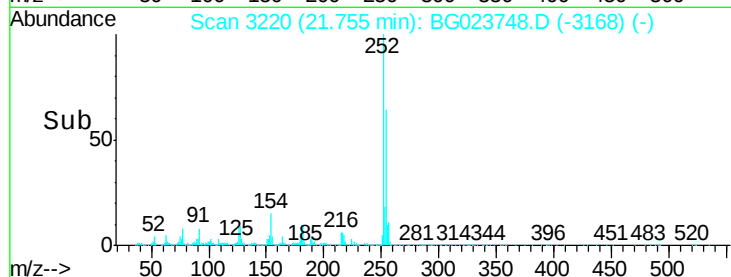
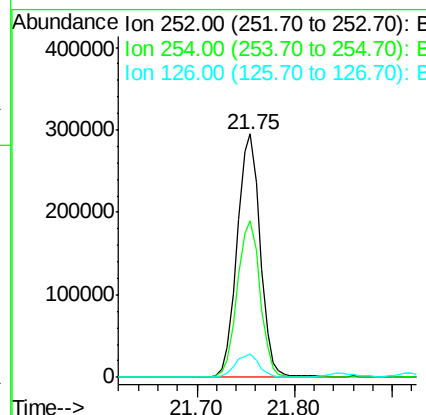
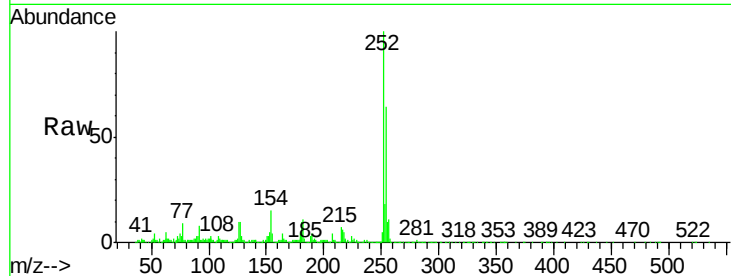




#81
 3,3'-Dichlorobenzidine
 Concen: 27.47 ng
 RT: 21.75 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

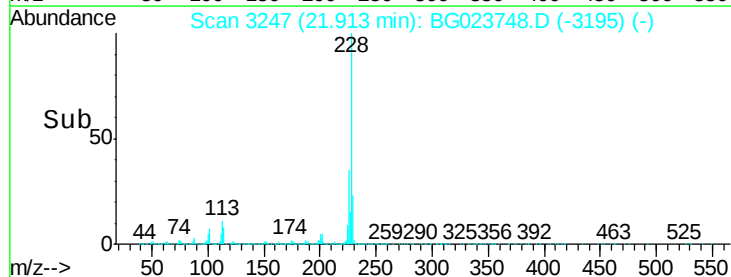
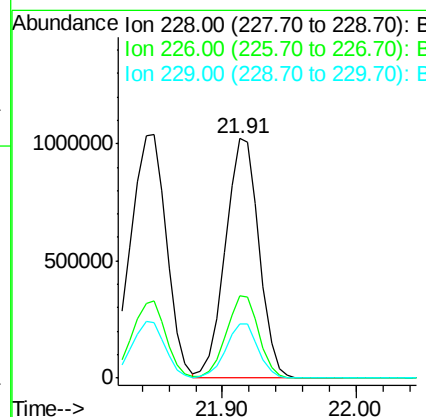
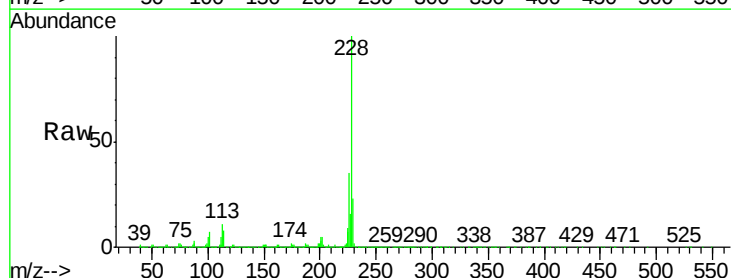
Instrument :
 BNA_G
 ClientSampleId :

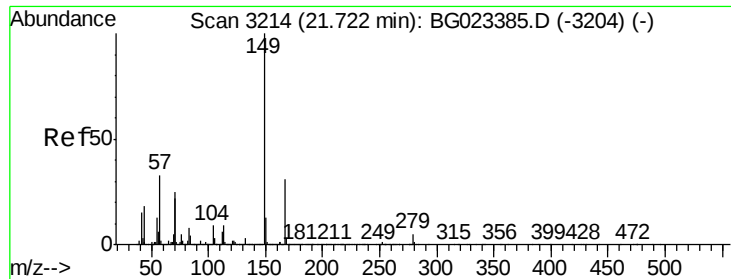
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.2	76.8
126	9.6	5.3	7.9



#82
 Chrysene
 Concen: 43.84 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. 0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	26.7	40.1
229	22.8	17.4	26.2

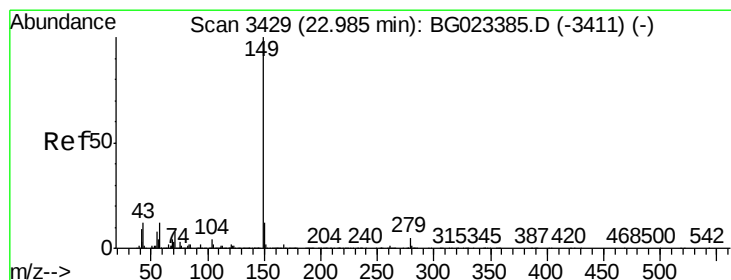
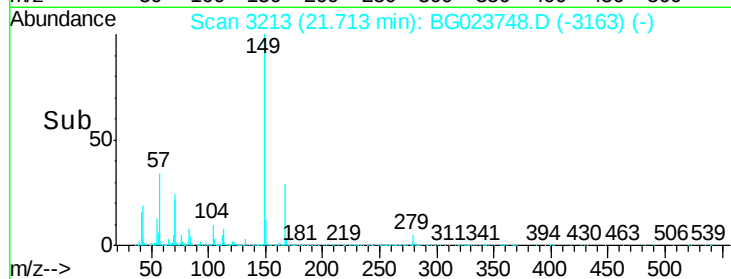
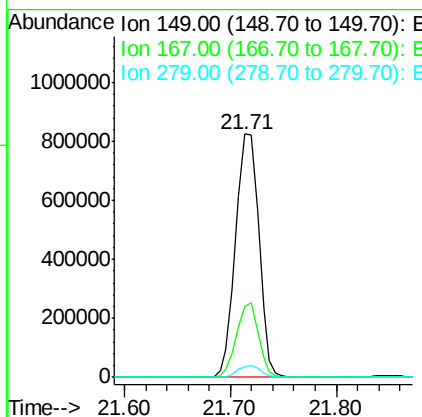
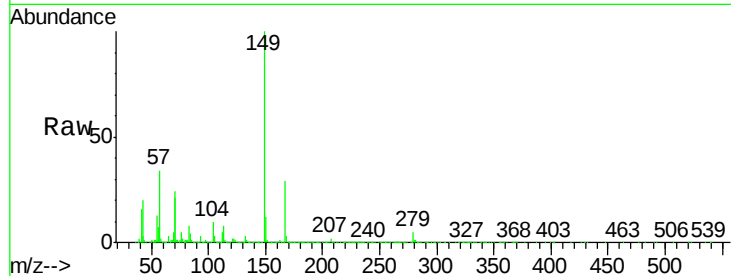




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.59 ng
 RT: 21.71 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

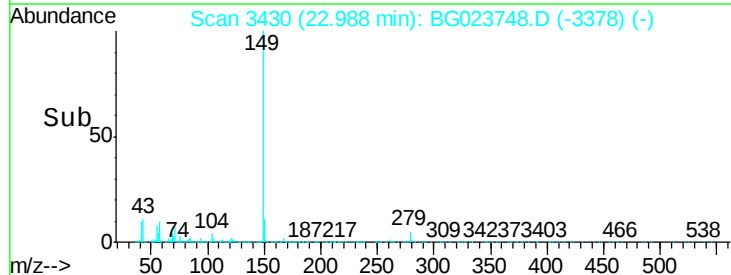
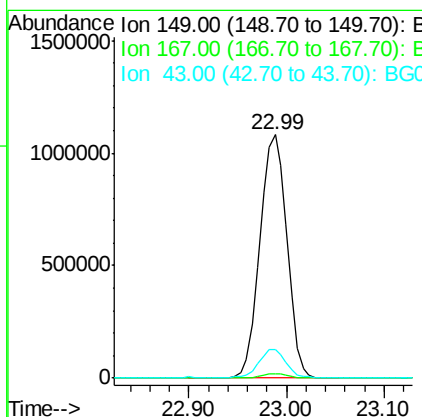
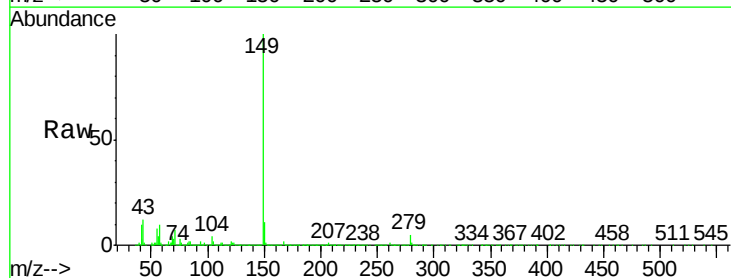
Instrument :
 BNA_G
 ClientSampleId :

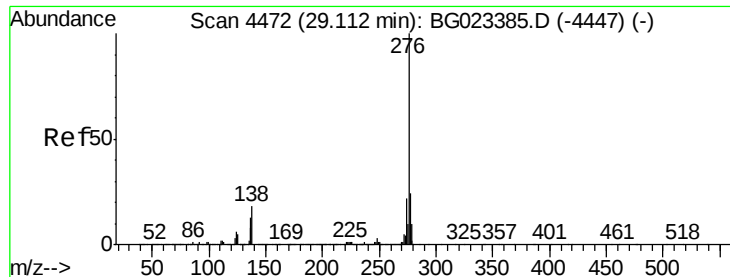
Tot Ion:149 Resp: 1250906
 Ion Ratio Lower Upper
 149 100
 167 29.4 24.0 36.0
 279 4.6 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 47.84 ng
 RT: 22.99 min Scan# 3430
 Delta R.T. 0.00 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Tgt Ion:149 Resp: 2102035
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 11.2 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.52 ng

RT: 29.19 min Scan# 4485

Delta R.T. 0.07 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Instrument :

BNA_G

ClientSampleId :

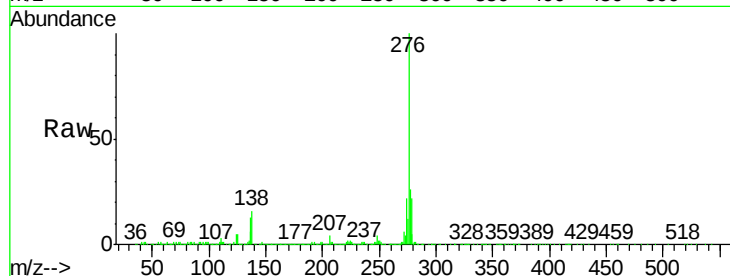
Tot Ion:276 Resp: 2178547

Ion Ratio Lower Upper

276 100

138 13.4 0.0 0.0#

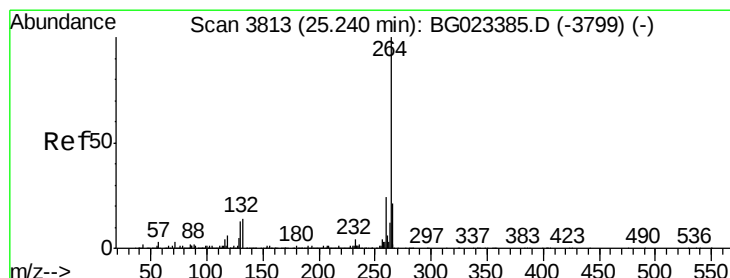
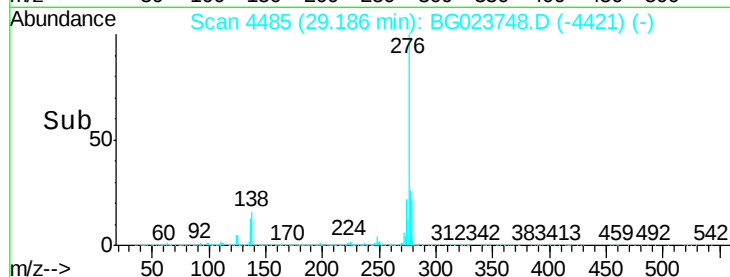
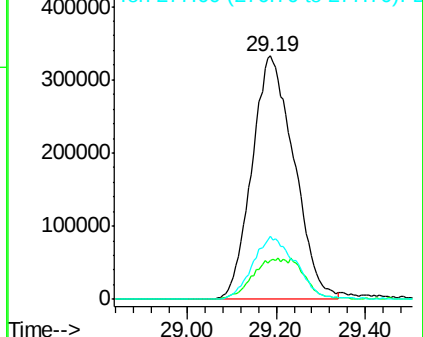
277 26.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3818

Delta R.T. 0.03 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

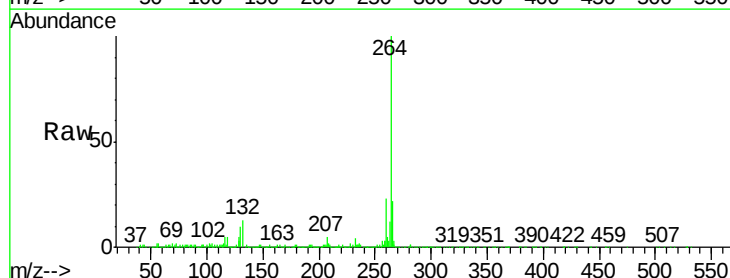
Tgt Ion:264 Resp: 770855

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

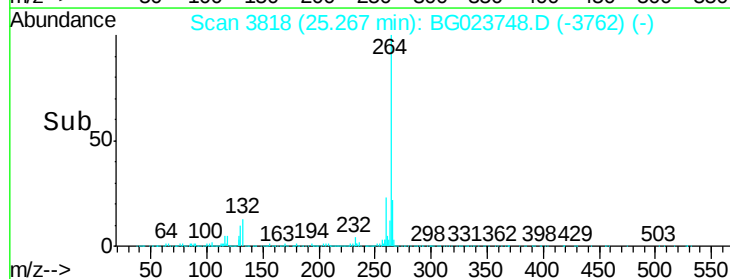
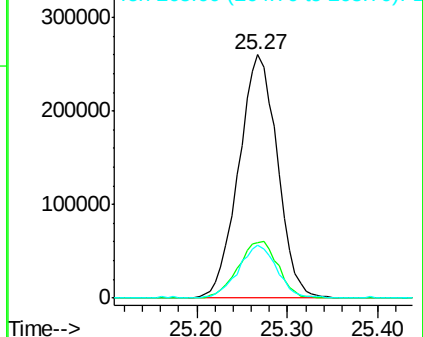
265 21.9 18.9 28.3

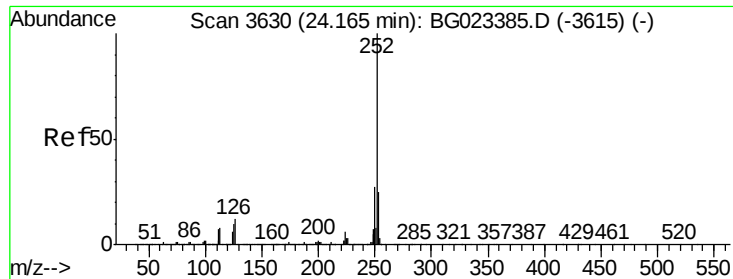


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

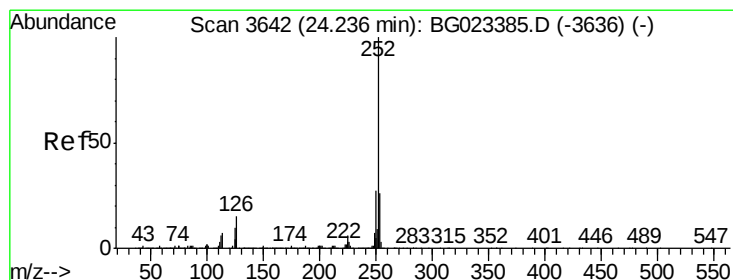
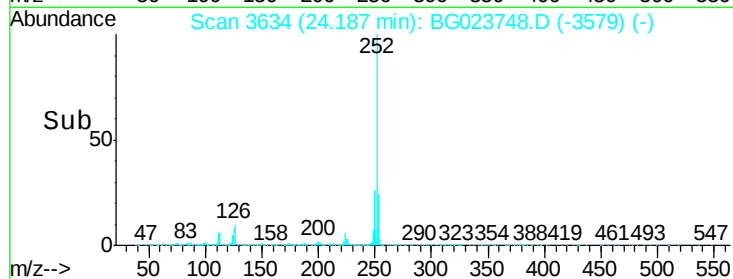
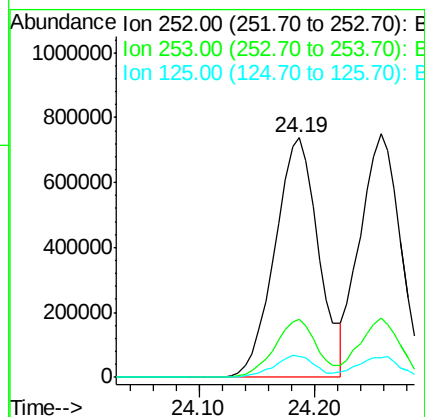
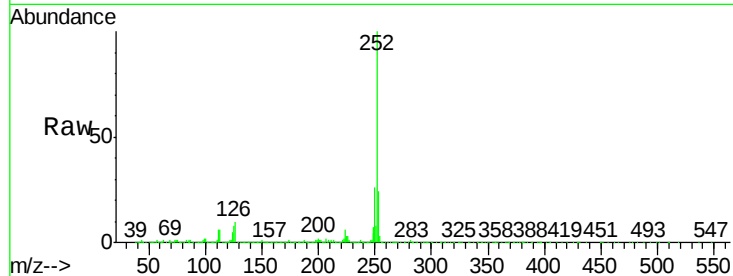




#87
Benzo(b)fluoranthene
Concen: 44.83 ng
RT: 24.19 min Scan# 3634
Delta R.T. 0.02 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

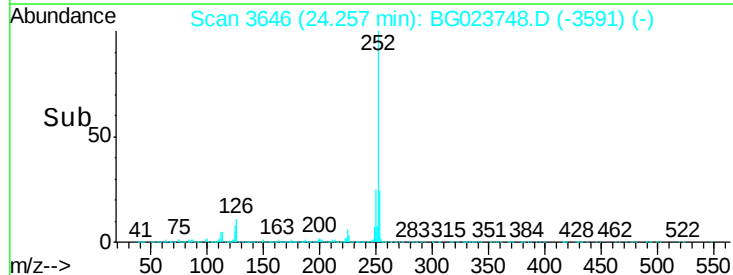
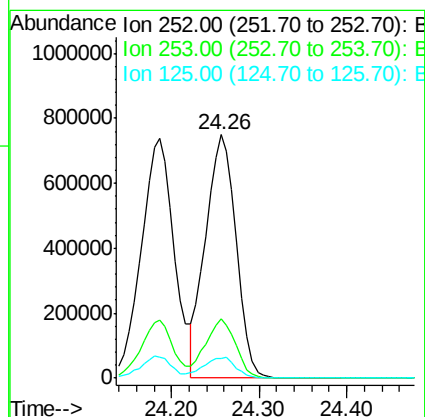
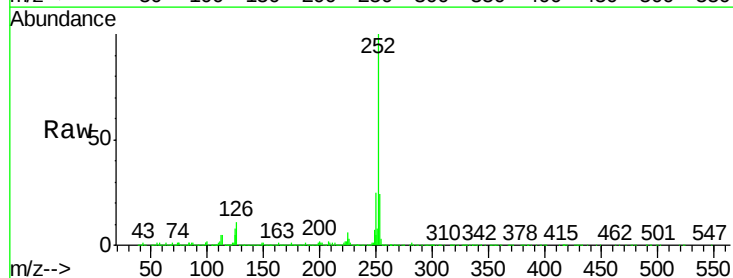
Instrument :
BNA_G
ClientSampleId :

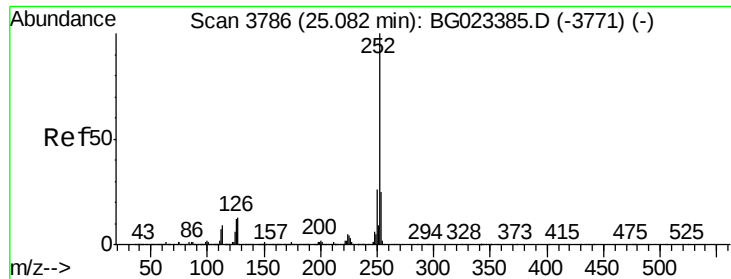
Tot Ion:252 Resp: 1944149
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 8.5 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 43.67 ng
RT: 24.26 min Scan# 3646
Delta R.T. 0.02 min
Lab File: BG023748.D
Acq: 17 Aug 2016 11:40

Tgt Ion:252 Resp: 1819129
Ion Ratio Lower Upper
252 100
253 24.2 18.8 28.2
125 8.1 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 45.31 ng

RT: 25.11 min Scan# 3791

Delta R.T. 0.03 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

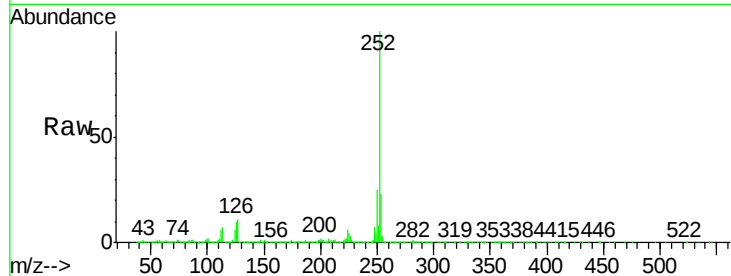
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1868884

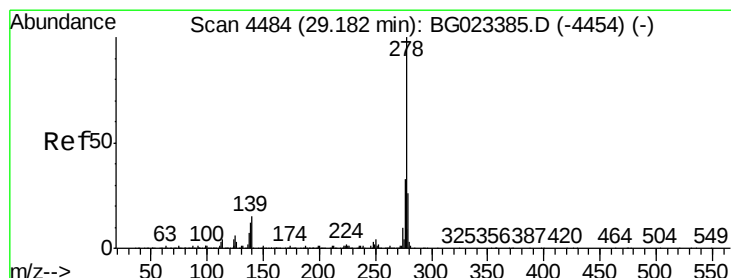
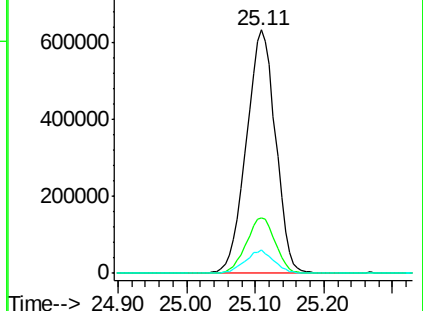
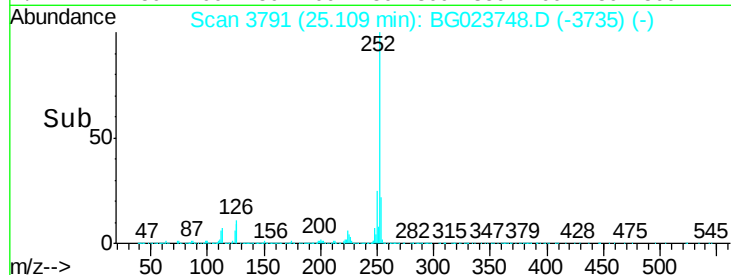
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	9.5	3.9	5.9



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



#90

Dibenzo(a,h)anthracene

Concen: 45.32 ng

RT: 29.25 min Scan# 4496

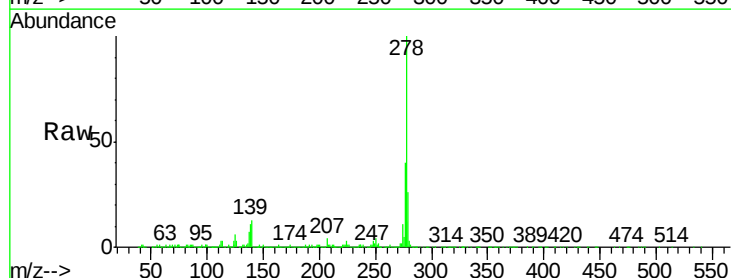
Delta R.T. 0.07 min

Lab File: BG023748.D

Acq: 17 Aug 2016 11:40

Tgt Ion:278 Resp: 1909499

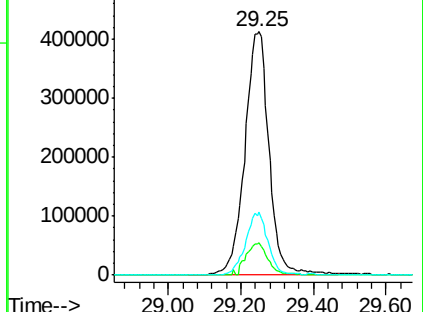
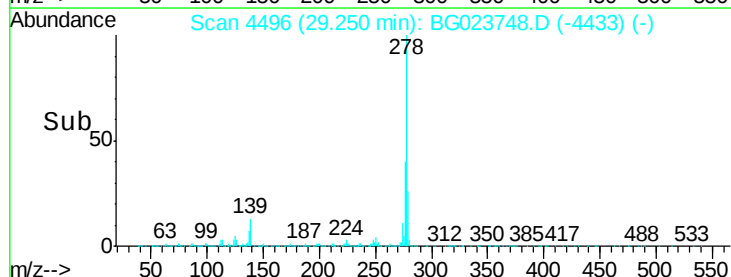
Ion	Ratio	Lower	Upper
278	100		
139	13.2	4.7	7.1
279	25.7	18.3	27.5

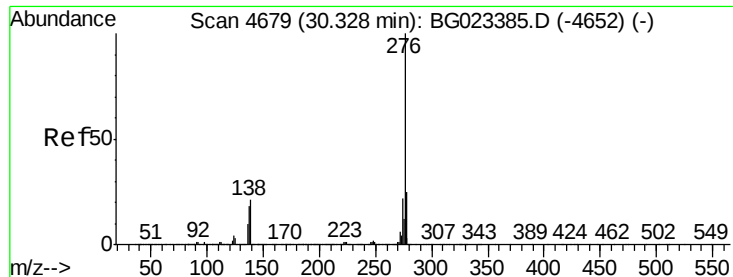


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.77 ng
 RT: 30.41 min Scan# 4694
 Delta R.T. 0.09 min
 Lab File: BG023748.D
 Acq: 17 Aug 2016 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1772491
 Ion Ratio Lower Upper
 276 100
 277 25.2 18.6 27.8
 138 15.8 6.8 10.2#

