

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034115.D
 Acq On : 2 May 2018 14:22
 Operator : SJ/JU
 Sample : J1161-02
 Misc : L00 20 PPM
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 02 15:55:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	64202	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	263789	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	199080	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	554337	20.00	ng	0.00
75) Chrysene-d12	21.76	240	607280	20.00	ng	0.00
86) Perylene-d12	25.05	264	616522	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	507338	127.67	ng	0.00
7) Phenol-d6	7.22	99	768449	124.21	ng	0.00
23) Nitrobenzene-d5	9.24	82	564807	82.15	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	357172	129.57	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1157213	84.70	ng	0.00
78) Terphenyl-d14	20.09	244	2244938	80.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	34061	20.412	ng	# 83
3) Pyridine	3.95	79	109433	20.901	ng	# 82
4) n-Nitrosodimethylamine	3.86	42	55578	19.468	ng	# 76
6) Aniline	7.40	93	161485	19.191	ng	91
8) 2-Chlorophenol	7.63	128	75276	18.984	ng	82
9) Benzaldehyde	7.21	77	70961	17.041	ng	82
10) Phenol	7.25	94	121412	19.458	ng	80
11) bis(2-Chloroethyl)ether	7.49	93	98052	19.961	ng	91
12) 1,3-Dichlorobenzene	7.97	146	97374	19.411	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	98453	19.761	ng	97
14) 1,2-Dichlorobenzene	8.11	146	98453	20.804	ng	92
15) Benzyl Alcohol	8.31	79	122384	18.545	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.60	45	132095	19.544	ng	82
17) 2-Methylphenol	8.51	107	80929	19.711	ng	# 76
18) Hexachloroethane	9.16	117	43845	20.687	ng	# 81
19) n-Nitroso-di-n-propylamine	8.88	70	106762	19.217	ng	# 92
20) 3+4-Methylphenols	8.83	107	116617	19.178	ng	81
22) Acetophenone	8.89	105	175543	19.536	ng	96
24) Nitrobenzene	9.28	77	150481	19.996	ng	# 82
25) Isophorone	9.80	82	261142	18.619	ng	# 93
26) 2-Nitrophenol	9.99	139	43431	20.847	ng	# 60
27) 2,4-Dimethylphenol	10.04	122	76320	18.897	ng	# 81
28) bis(2-Chloroethoxy)methane	10.29	93	131377	19.070	ng	99
29) 2,4-Dichlorophenol	10.53	162	86412	17.899	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	116332	20.012	ng	92
31) Naphthalene	10.94	128	272688	19.667	ng	95
32) Benzoic acid	10.14	122	55978	18.637	ng	90
33) 4-Chloroaniline	11.04	127	119941	19.184	ng	# 84
34) Hexachlorobutadiene	11.23	225	97120	19.739	ng	98
35) Caprolactam	11.80	113	35132	20.488	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	118897	18.994	ng	# 86
37) 2-Methylnaphthalene	12.54	142	220090	19.577	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	158324	20.552	ng	98
40) Hexachlorocyclopentadiene	12.89	237	90524	19.832	ng	86

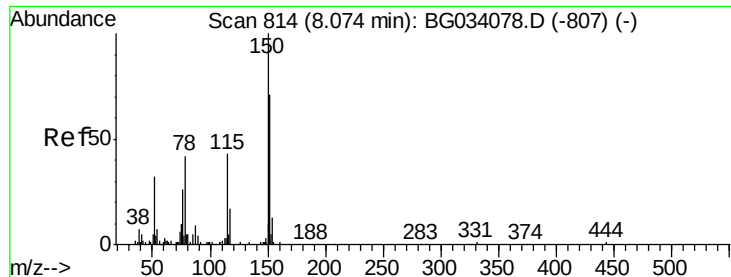
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034115.D
 Acq On : 2 May 2018 14:22
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	91354	20.410	nq	94
43) 2,4,5-Trichlorophenol	13.21	196	107710	21.768	nq	93
45) 1,1'-Biphenyl	13.55	154	321670	20.683	nq	98
46) 2-Chloronaphthalene	13.59	162	239879	20.373	nq	98
47) 2-Nitroaniline	13.79	65	94909	20.162	nq	86
48) Acenaphthylene	14.44	152	385652	20.515	nq	97
49) Dimethylphthalate	14.17	163	344168	19.937	nq	100
50) 2,6-Dinitrotoluene	14.28	165	72178	21.770	nq	# 79
51) Acenaphthene	14.78	154	255876	20.028	nq	97
52) 3-Nitroaniline	14.61	138	69558	20.815	nq	# 87
53) 2,4-Dinitrophenol	14.81	184	25235	19.456	nq	# 57
54) Dibenzofuran	15.12	168	375479	20.272	nq	# 88
55) 4-Nitrophenol	14.90	139	51083	20.027	nq	# 62
56) 2,4-Dinitrotoluene	15.07	165	95485	21.210	nq	# 83
57) Fluorene	15.76	166	317646	19.676	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.33	232	100767	19.686	nq	94
59) Diethylphthalate	15.54	149	363179	19.881	nq	96
60) 4-Chlorophenyl-phenylether	15.76	204	198777	20.697	nq	97
61) 4-Nitroaniline	15.77	138	72122	20.346	nq	# 50
62) Azobenzene	16.06	77	394694	20.001	nq	95
64) 4,6-Dinitro-2-methylphenol	15.83	198	46827	17.966	nq	87
65) n-Nitrosodiphenylamine	15.97	169	287307	19.008	nq	97
66) 4-Bromophenyl-phenylether	16.65	248	130490	18.960	nq	95
67) Hexachlorobenzene	16.77	284	137437	19.672	nq	# 90
68) Atrazine	16.92	200	85652	10.760	nq	97
69) Pentachlorophenol	17.11	266	85279	17.513	nq	95
70) Phenanthrene	17.51	178	551701	19.369	nq	100
71) Anthracene	17.60	178	557679	19.318	nq	98
72) Carbazole	17.87	167	521434	19.731	nq	98
73) Di-n-butylphthalate	18.44	149	620806	19.516	nq	# 96
74) Fluoranthene	19.52	202	723893	20.111	nq	96
76) Benzidine	19.70	184	246962	15.787	nq	98
77) Pyrene	19.88	202	745574	19.596	nq	96
79) Butylbenzylphthalate	20.78	149	286341	19.278	nq	91
80) Benzo(a)anthracene	21.74	228	775561	19.928	nq	97
81) 3,3'-Dichlorobenzidine	21.65	252	291243	19.789	nq	# 97
82) Chrysene	21.81	228	741037	19.893	nq	99
83) Bis(2-ethylhexyl)phthalate	21.67	149	392721	19.211	nq	96
84) Di-n-octyl phthalate	22.92	149	624457	19.126	nq	98
85) Indeno(1,2,3-cd)pyrene	28.81	276	815158	19.884	nq	# 83
87) Benzo(b)fluoranthene	24.01	252	764685	19.635	nq	# 96
88) Benzo(k)fluoranthene	24.08	252	725711	19.497	nq	# 97
89) Benzo(a)pyrene	24.89	252	702688	19.286	nq	# 96
90) Dibenzo(a,h)anthracene	28.88	278	652273	18.991	nq	# 95
91) Benzo(g,h,i)perylene	29.97	276	671662	19.841	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

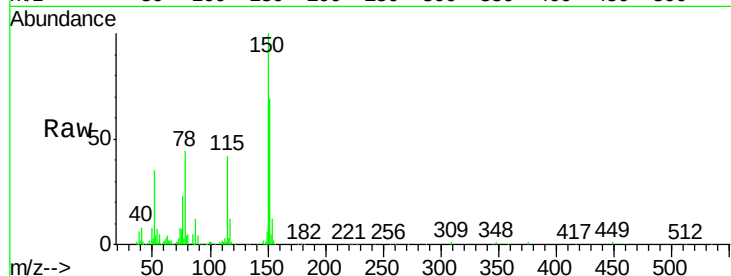
Tot Ion:152 Resp: 64202

Ion Ratio Lower Upper

152 100

150 145.0 126.6 189.8

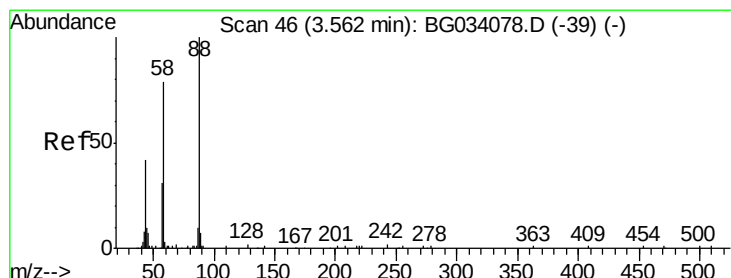
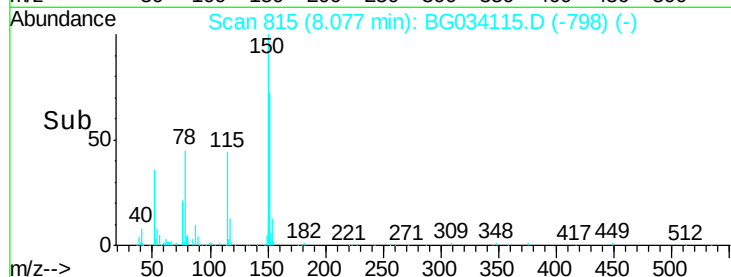
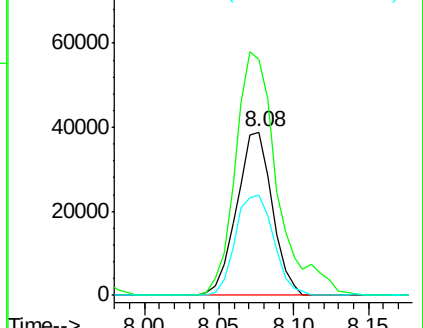
115 61.3 53.0 79.4



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: 20.412 ng

RT: 3.56 min Scan# 46

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

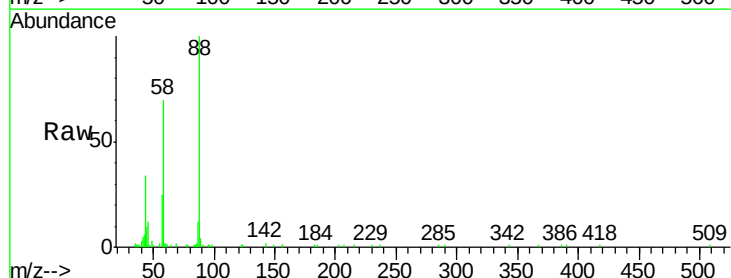
Tgt Ion: 88 Resp: 34061

Ion Ratio Lower Upper

88 100

58 81.1 79.6 119.4

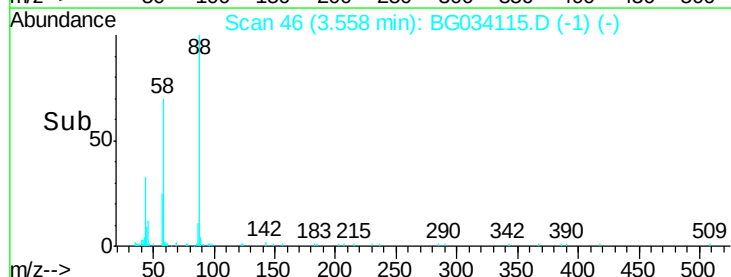
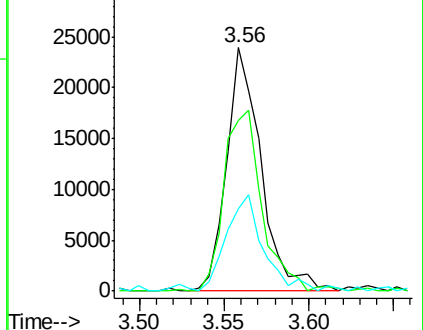
43 42.1 27.4 41.0#

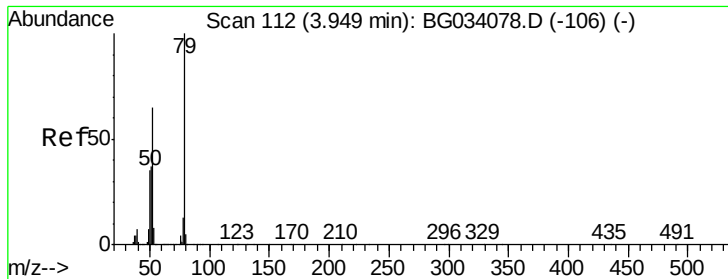


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 20.901 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

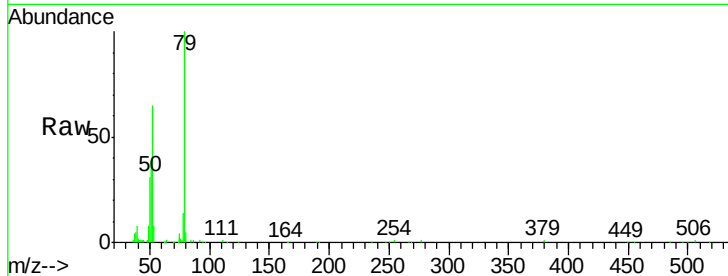
Tot Ion: 79 Resp: 109433

Ion Ratio Lower Upper

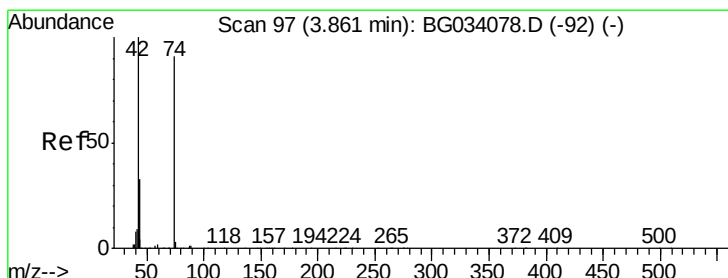
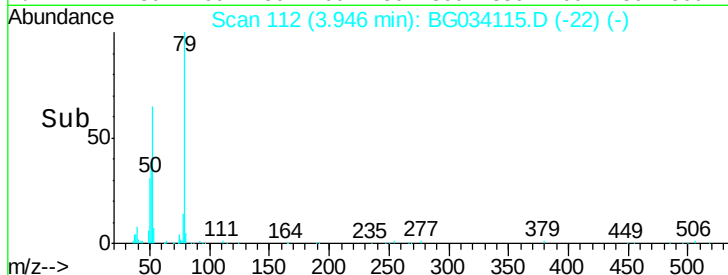
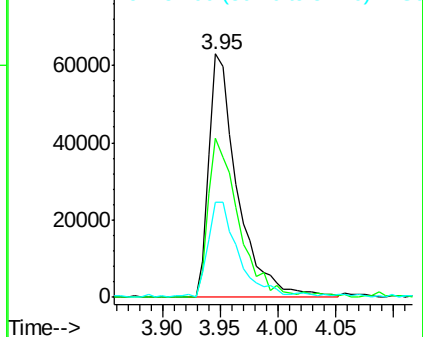
79 100

52 65.3 69.9 104.9#

51 39.3 34.0 51.0



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: 19.468 ng

RT: 3.86 min Scan# 98

Delta R.T. 0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

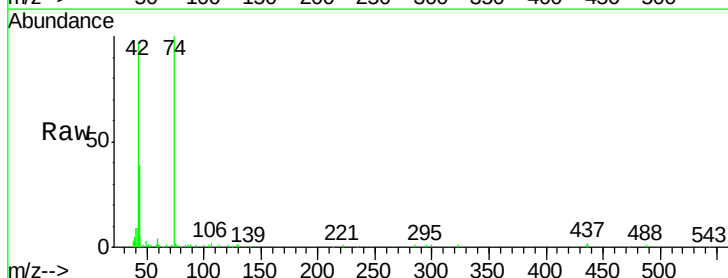
Tgt Ion: 42 Resp: 55578

Ion Ratio Lower Upper

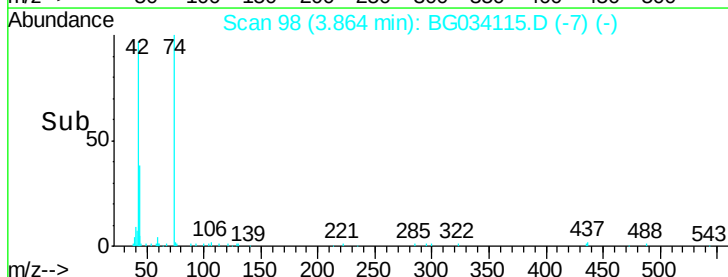
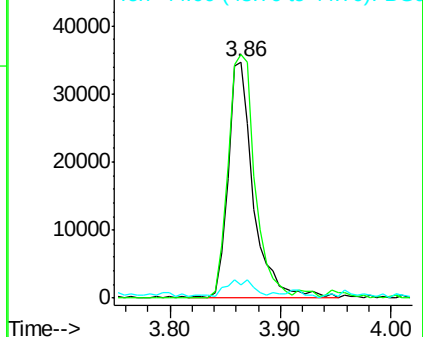
42 100

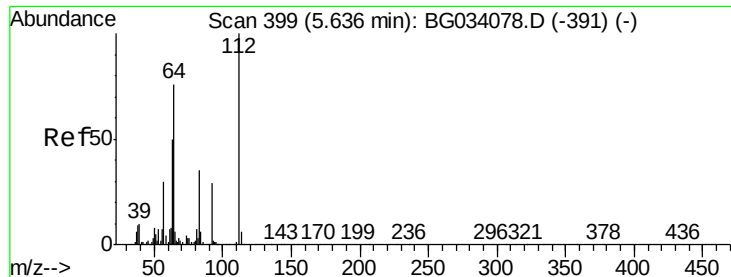
74 103.1 102.5 153.7

44 5.8 18.9 28.3#



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: 127.670 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034115.D

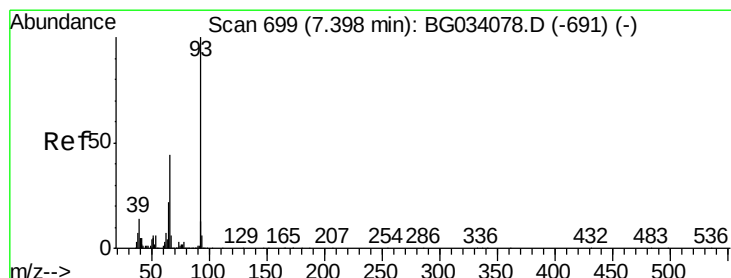
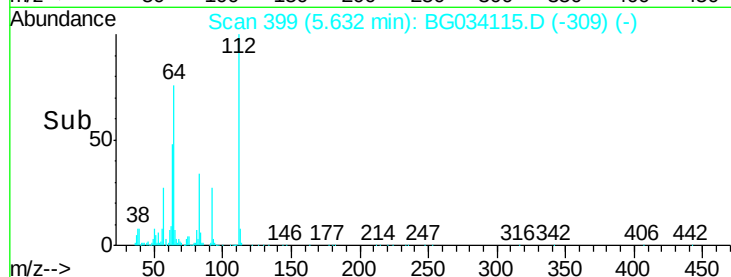
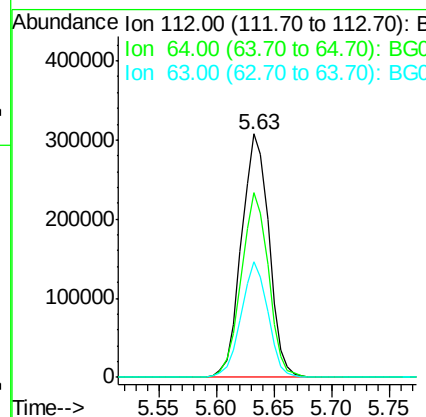
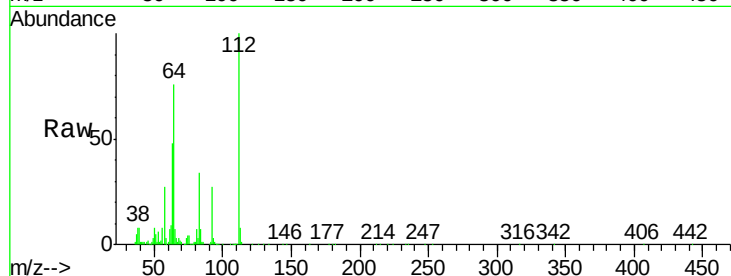
Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	507338
Ion	Ratio	Lower	Upper
112	100		
64	75.7	56.3	84.5
63	47.7	30.1	45.1#



#6

Aniline

Concen: 19.191 ng

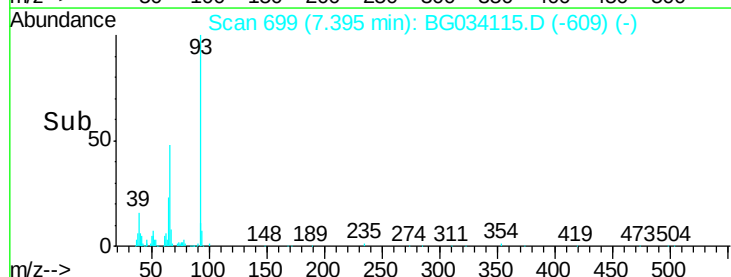
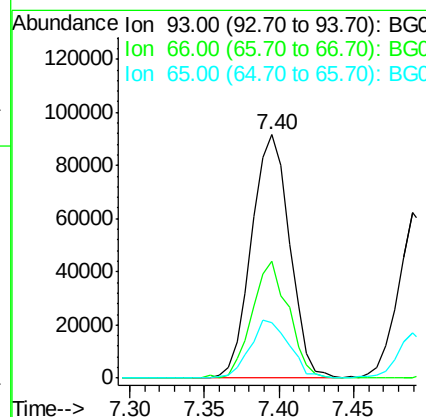
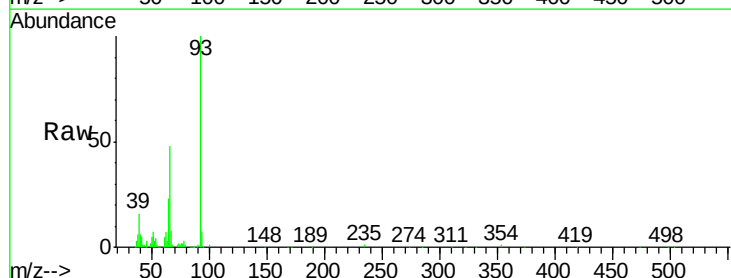
RT: 7.40 min Scan# 699

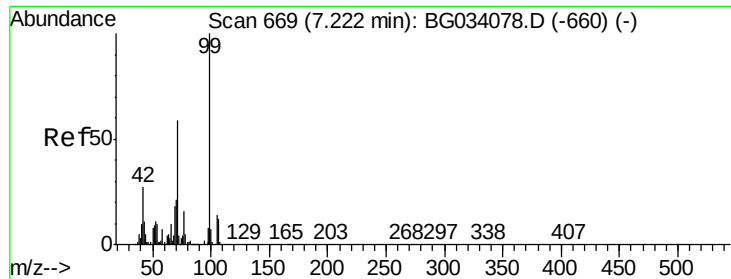
Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Tgt Ion:	93	Resp:	161485
Ion	Ratio	Lower	Upper
93	100		
66	48.2	33.7	50.5
65	23.0	16.1	24.1





#7

Phenol-d6

Concen: 124.215 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

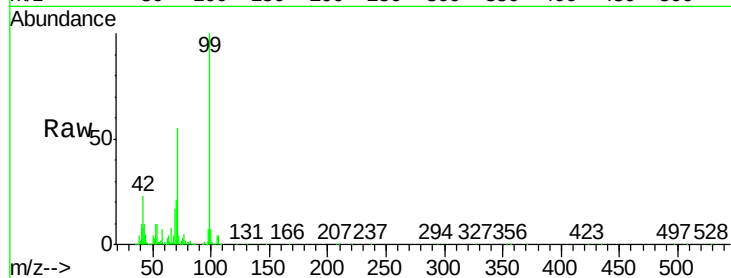
Tot Ion: 99 Resp: 768449

Ion Ratio Lower Upper

99 100

42 23.1 14.1 21.1#

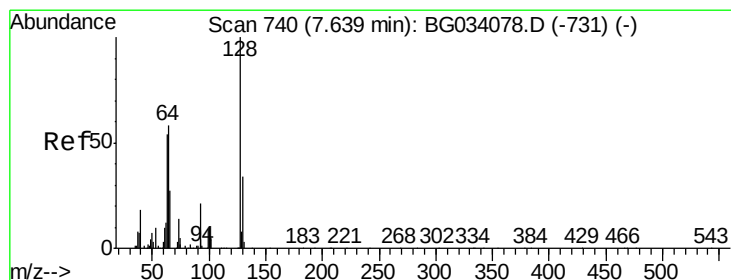
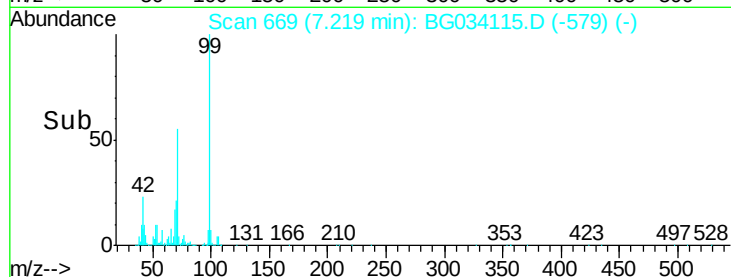
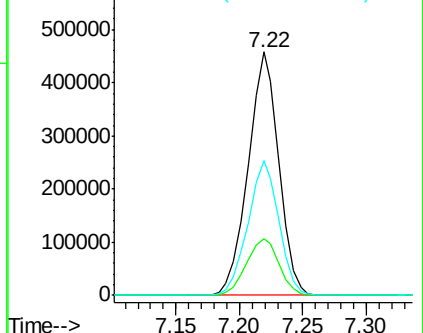
71 55.2 26.1 39.1#



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: 18.984 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

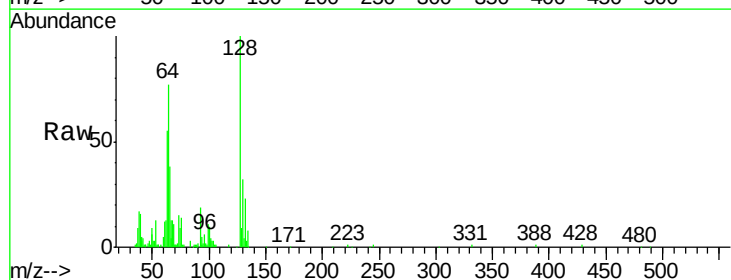
Tgt Ion: 128 Resp: 75276

Ion Ratio Lower Upper

128 100

130 31.6 14.0 54.0

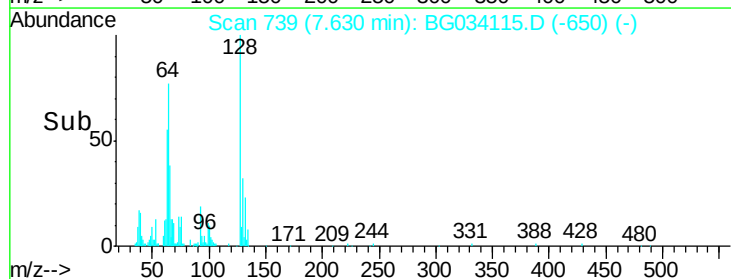
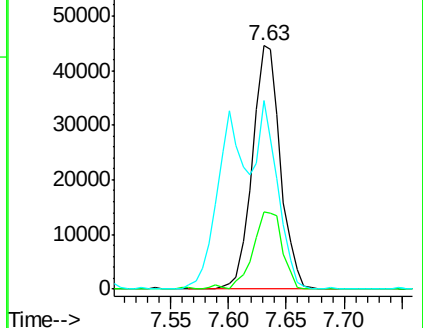
64 77.3 37.7 77.7

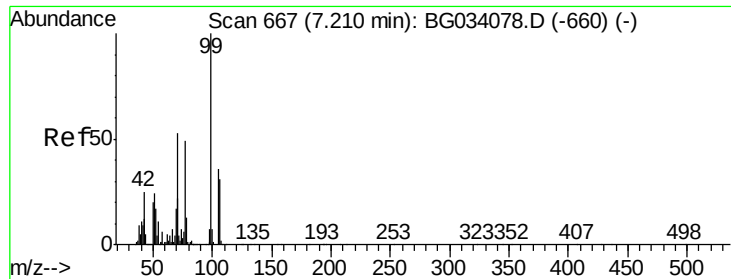


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.041 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampled :

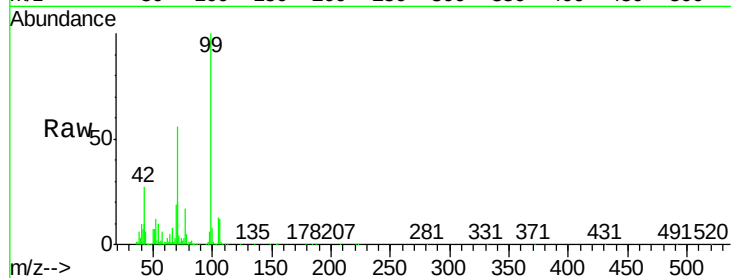
Tot Ion: 77 Resp: 70961

Ion Ratio Lower Upper

77 100

105 74.1 71.3 111.3

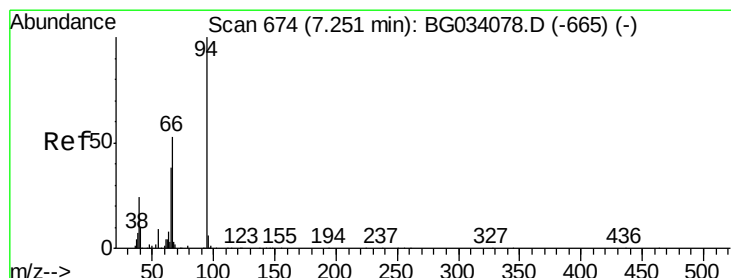
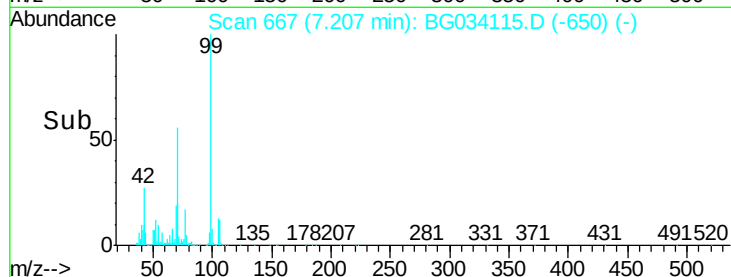
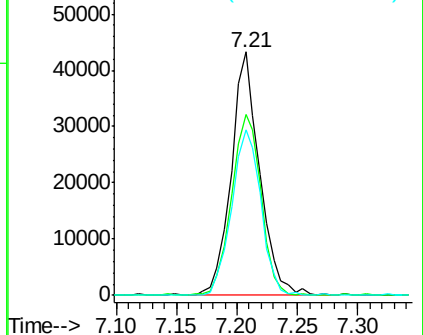
106 67.9 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 19.458 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

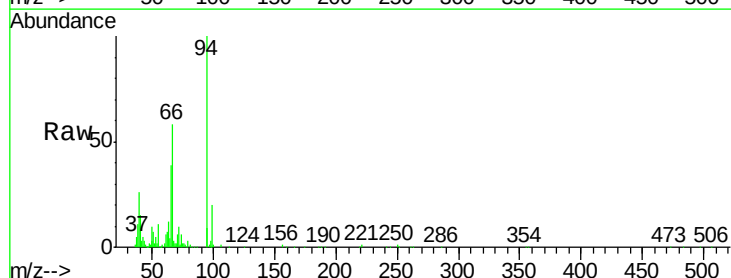
Tgt Ion: 94 Resp: 121412

Ion Ratio Lower Upper

94 100

65 39.4 11.9 51.9

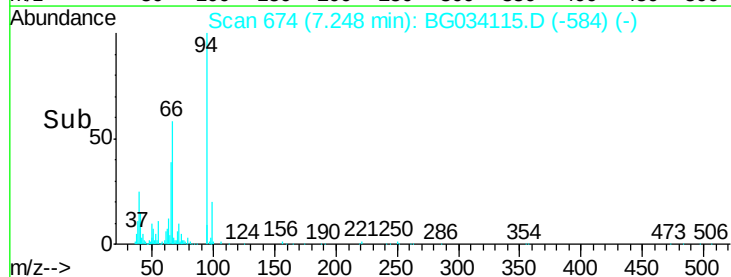
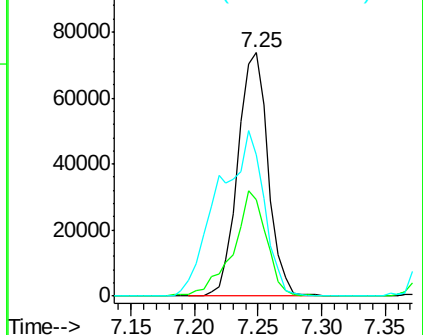
66 58.2 22.2 62.2

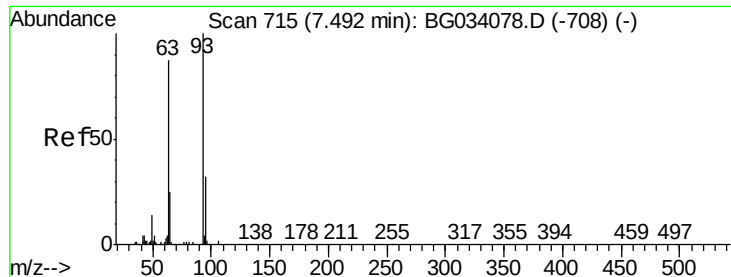


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 19.961 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

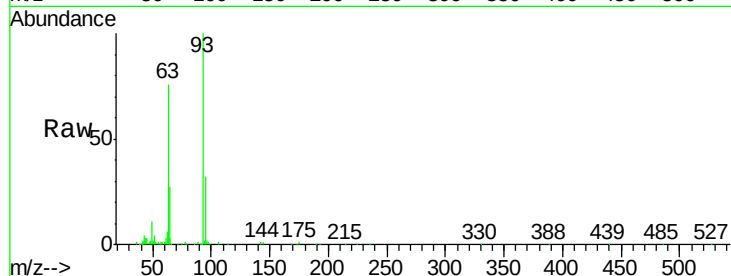
Tot Ion: 93 Resp: 98052

Ion Ratio Lower Upper

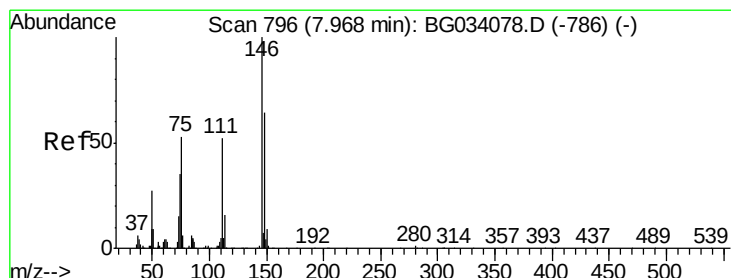
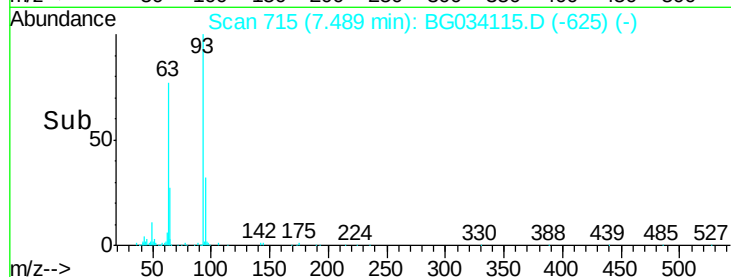
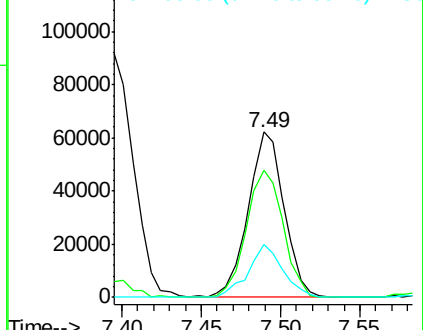
93 100

63 76.5 67.1 107.1

95 31.7 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 19.411 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

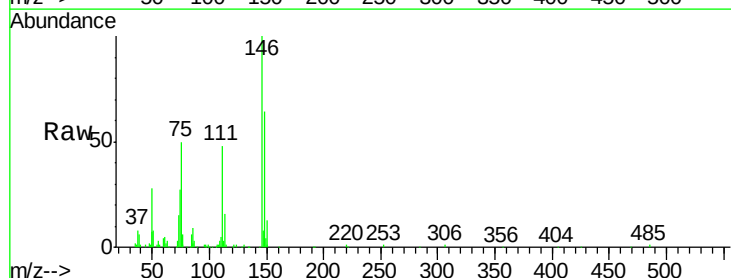
Tgt Ion: 146 Resp: 97374

Ion Ratio Lower Upper

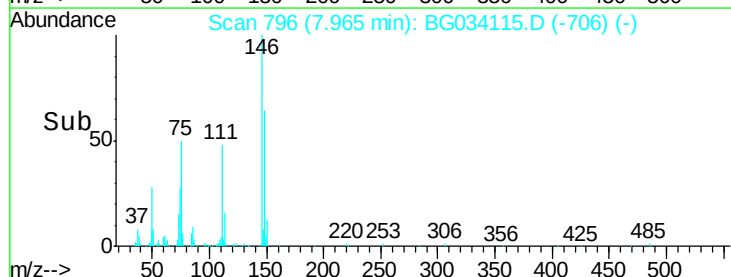
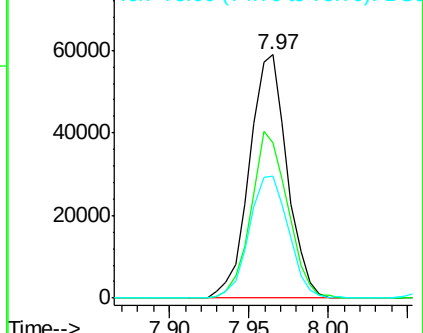
146 100

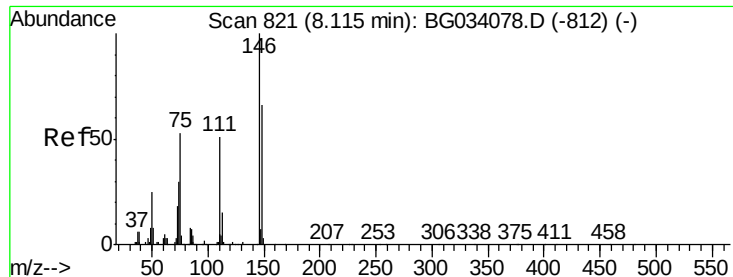
148 63.8 51.4 77.2

75 50.0 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

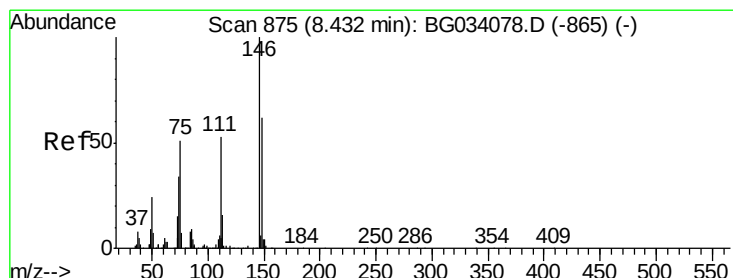
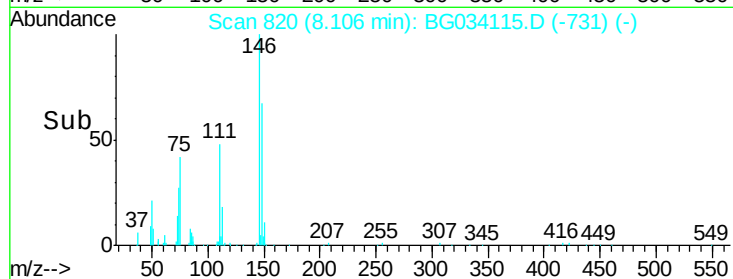
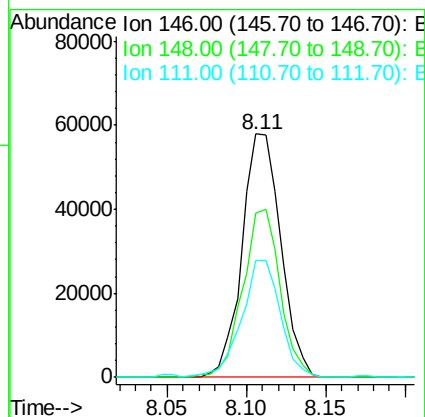
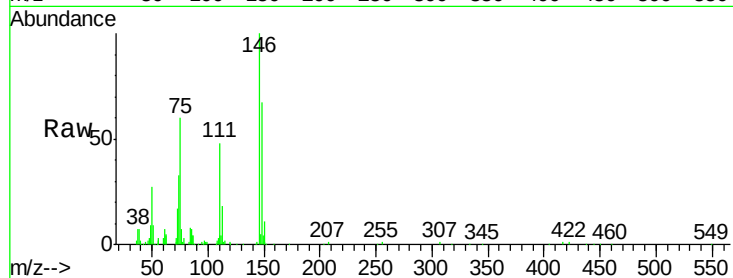




#13
 1,4-Dichlorobenzene
 Concen: 19.761 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

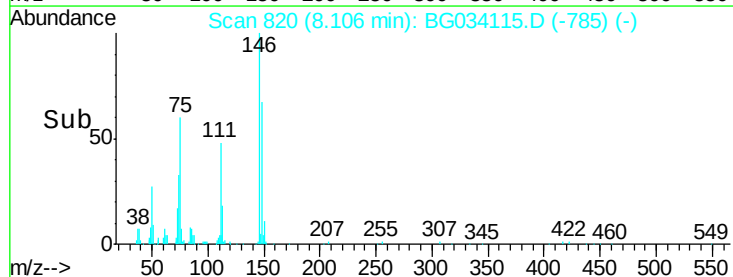
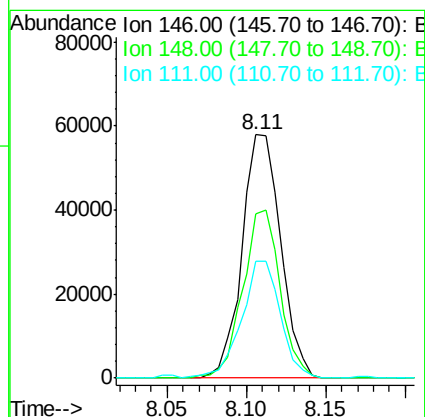
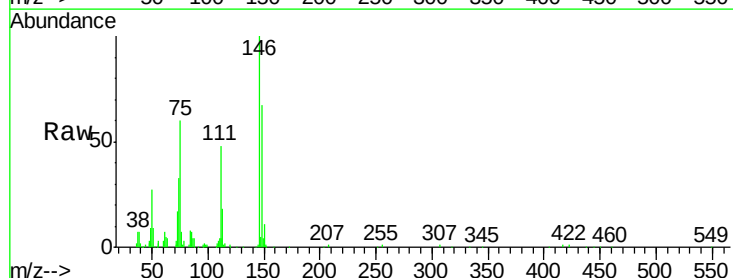
Instrument :
 BNA_G
 ClientSampleId :

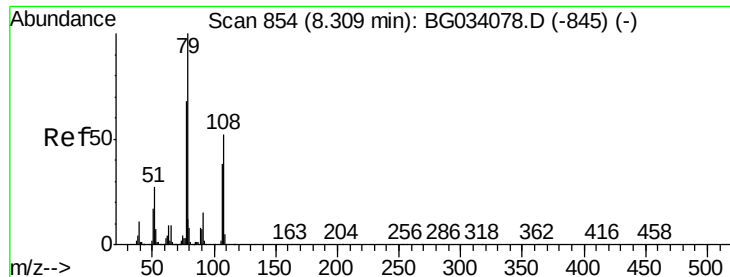
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.4	53.7	80.5
111	47.8	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 20.804 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.33 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	49.3	73.9
111	47.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 18.545 ng

RT: 8.31 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampled :

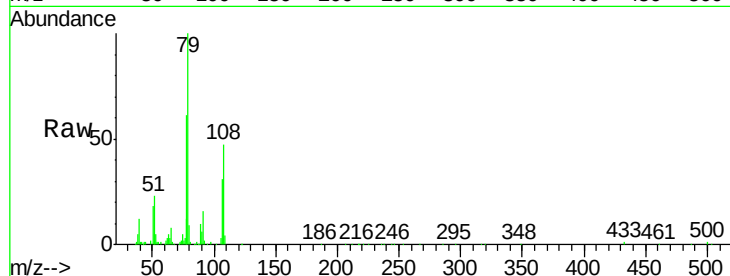
Tot Ion: 79 Resp: 122384

Ion Ratio Lower Upper

79 100

108 47.1 57.2 85.8#

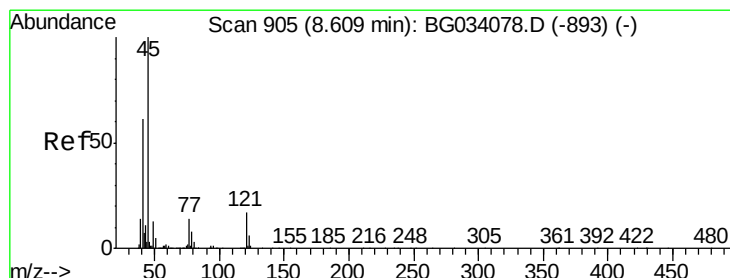
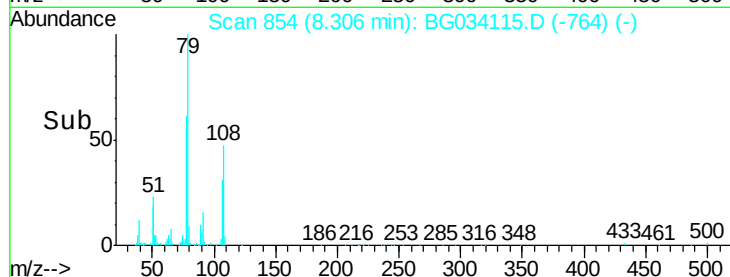
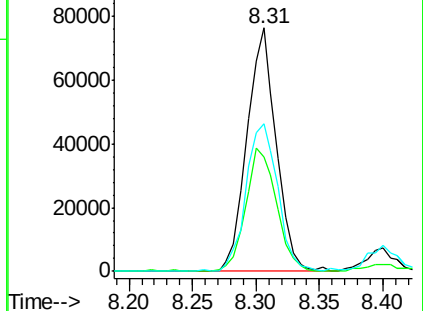
77 60.8 46.1 69.1



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: 19.544 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

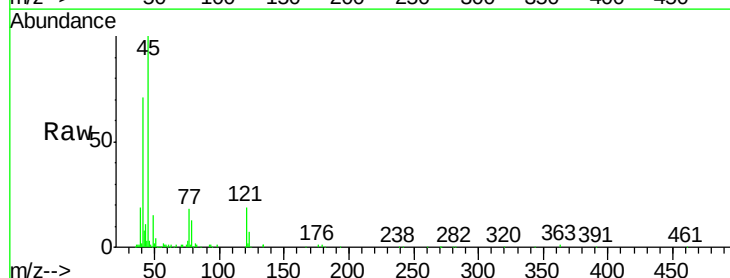
Tgt Ion: 45 Resp: 132095

Ion Ratio Lower Upper

45 100

77 18.1 0.0 30.2

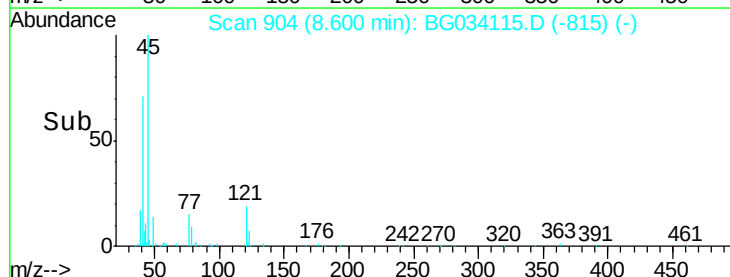
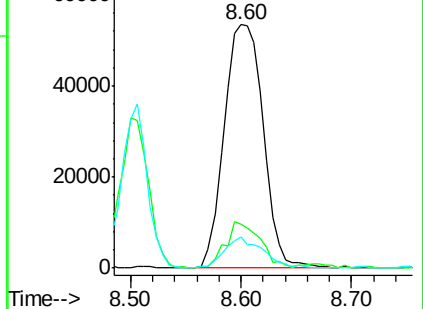
79 12.9 0.0 27.9

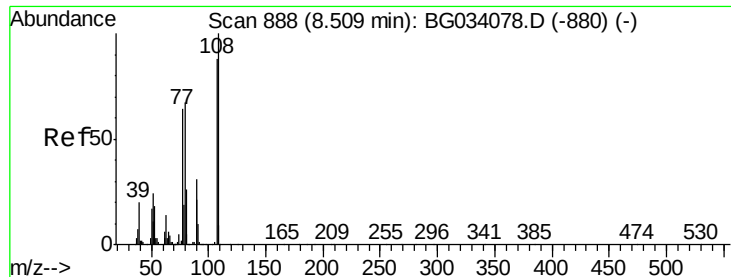


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 19.711 ng

RT: 8.51 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 80929

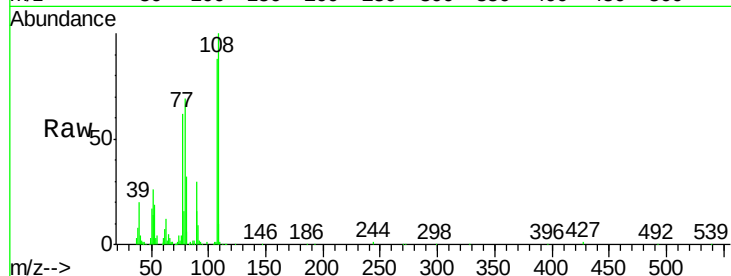
Ion Ratio Lower Upper

107 100

108 113.3 83.9 125.9

77 70.4 37.2 55.8#

79 78.1 36.2 54.2#

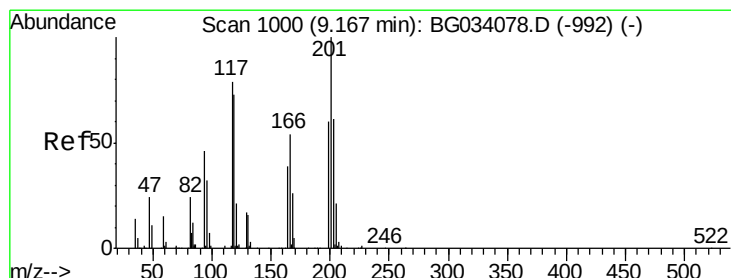
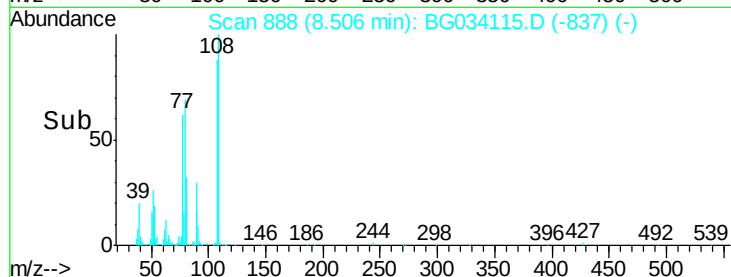
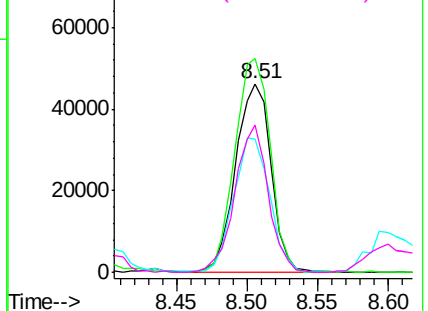


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 20.687 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

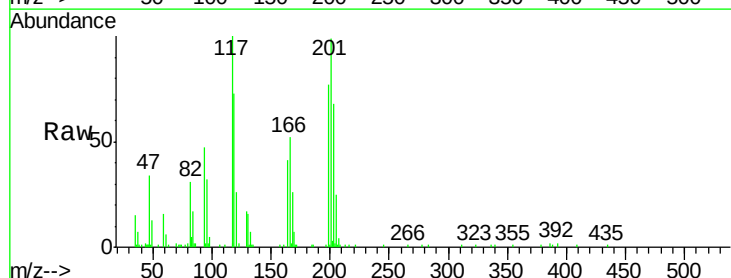
Tgt Ion:117 Resp: 43845

Ion Ratio Lower Upper

117 100

119 73.3 76.7 115.1#

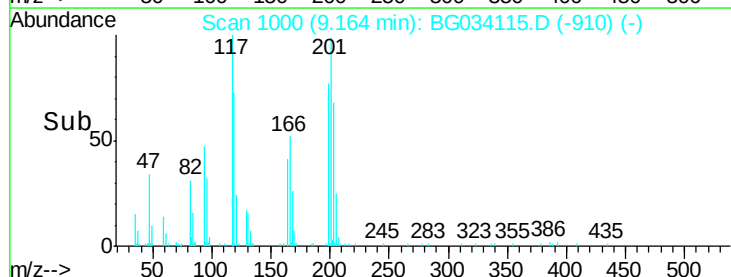
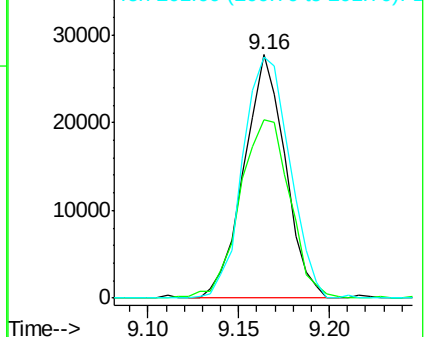
201 101.8 95.7 143.5

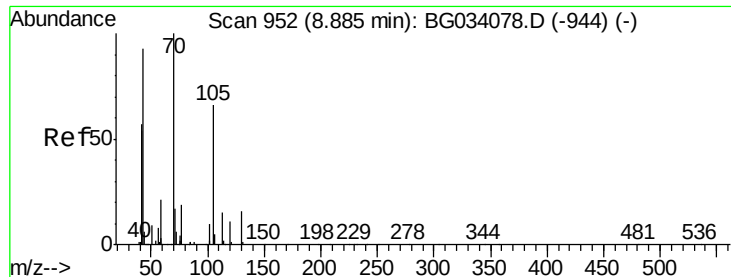


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

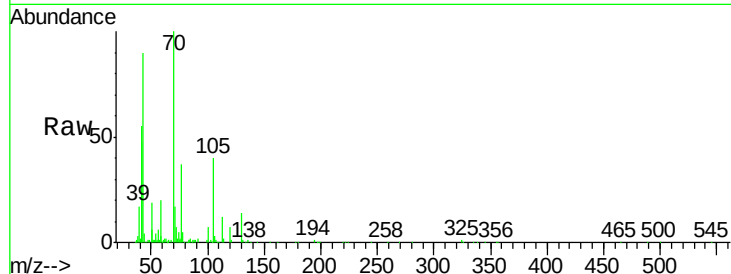




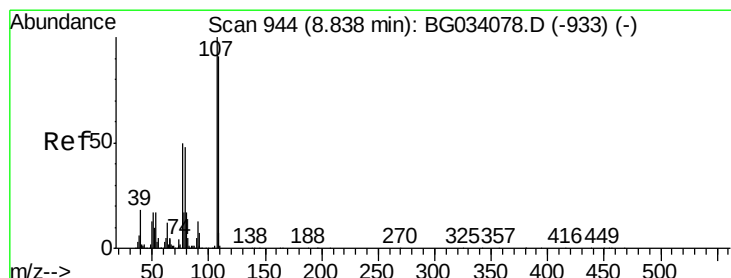
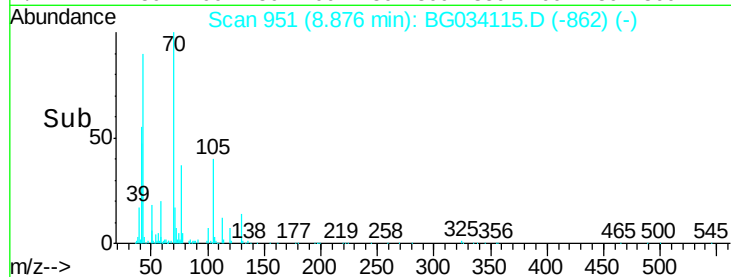
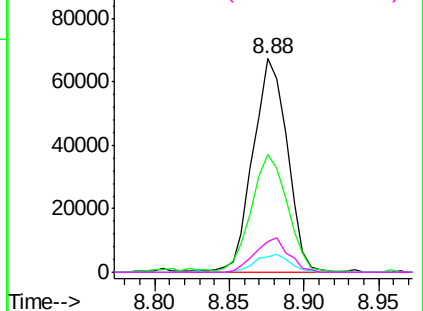
#19
n-Nitroso-di-n-propylamine
Concen: 19.217 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 106762
Ion Ratio Lower Upper
70 100
42 55.2 49.1 73.7
101 7.2 8.5 12.7#
130 14.3 13.4 20.0

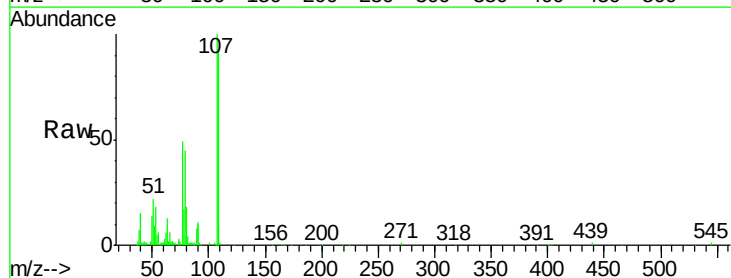


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

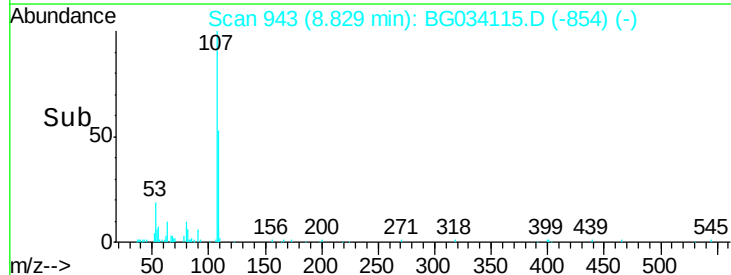
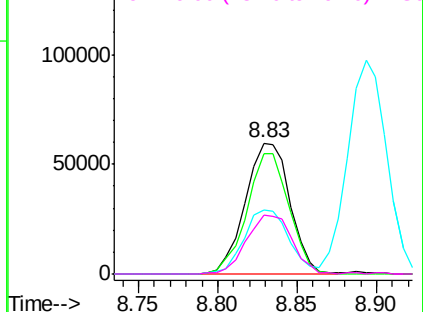


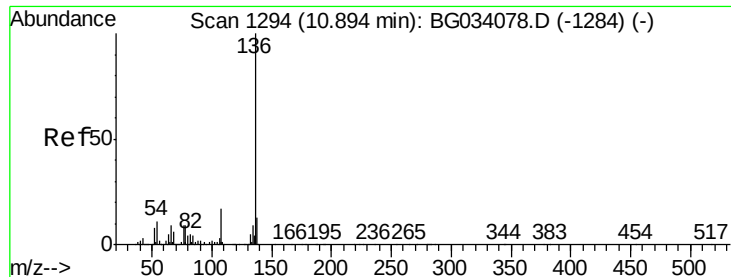
#20
3+4-Methylphenols
Concen: 19.178 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

Tgt Ion:107 Resp: 116617
Ion Ratio Lower Upper
107 100
108 92.4 61.6 101.6
77 49.5 13.9 53.9
79 45.1 8.8 48.8



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: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 263789

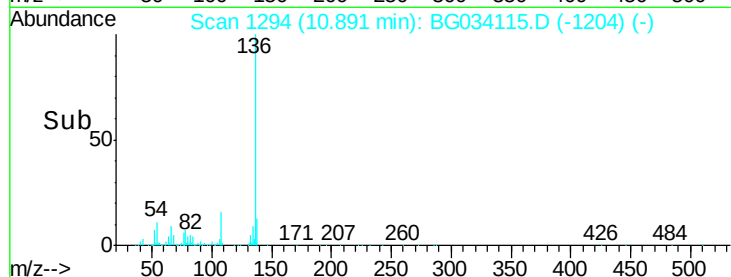
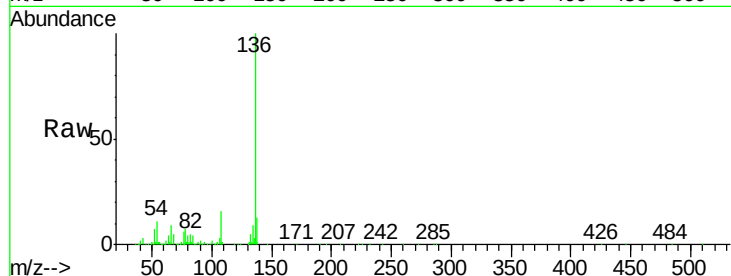
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	11.3	10.3	15.5
68	5.1	4.5	6.7

136 100

137 12.8 9.2 13.8

54 11.3 10.3 15.5

68 5.1 4.5 6.7

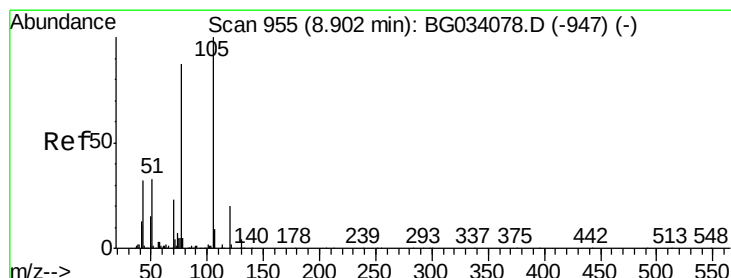
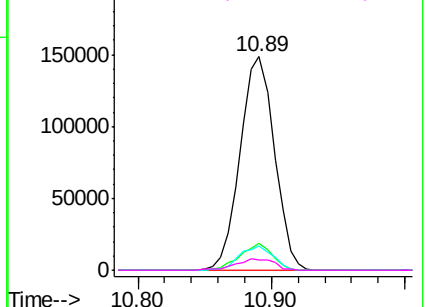


Abundance Ion 136.00 (135.70 to 136.70): E

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: 19.536 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Tgt Ion:105 Resp: 175543

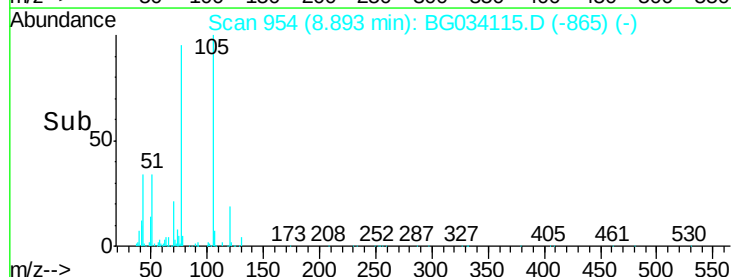
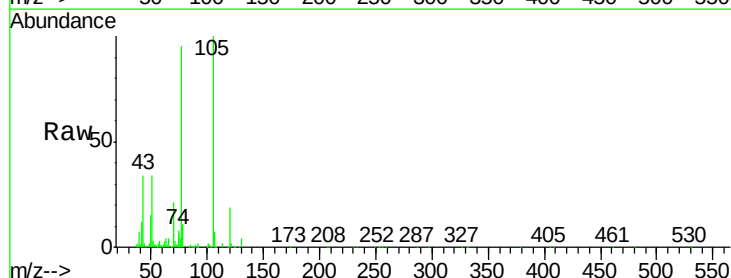
Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.0	4.4
51	34.3	26.1	39.1
120	19.1	17.4	26.2

105 100

71 3.3 3.0 4.4

51 34.3 26.1 39.1

120 19.1 17.4 26.2

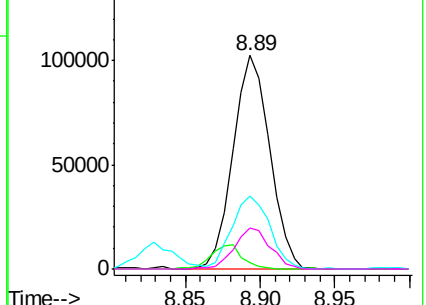


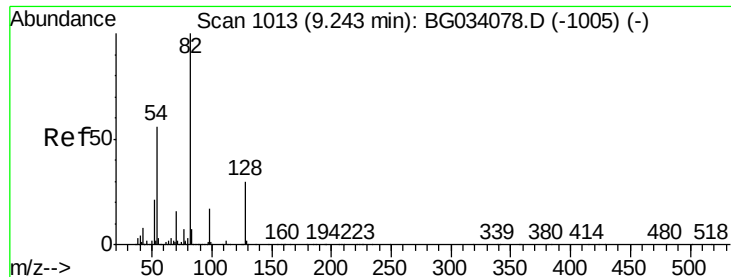
Abundance Ion 105.00 (104.70 to 105.70): E

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

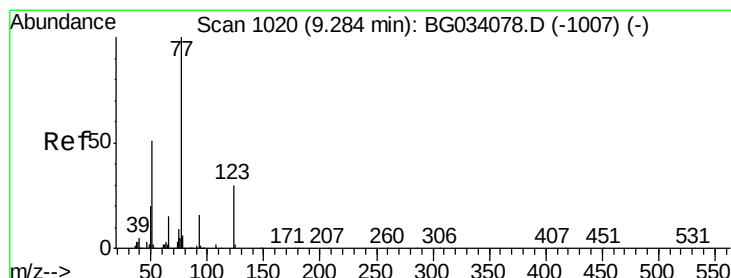
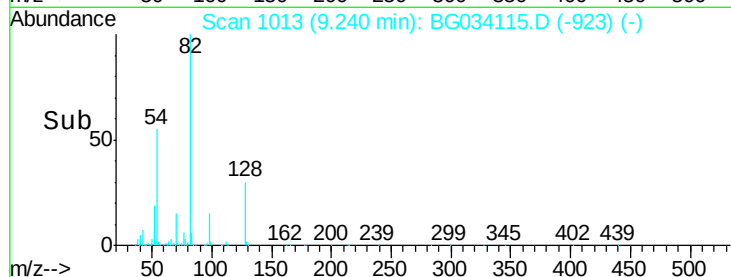
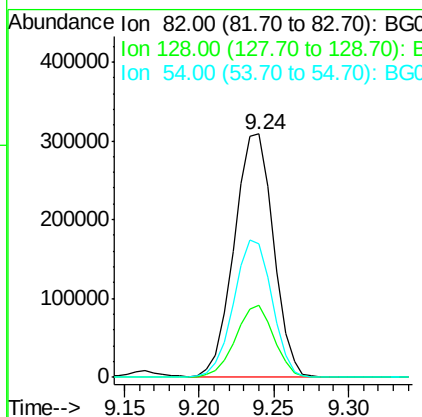
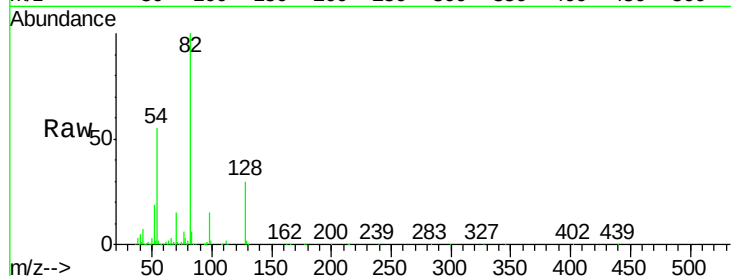




#23
 Nitrobenzene-d5
 Concen: 82.151 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

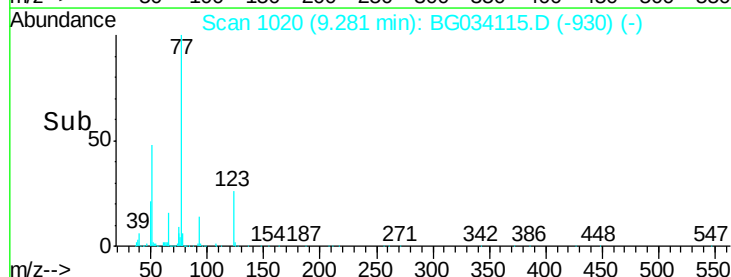
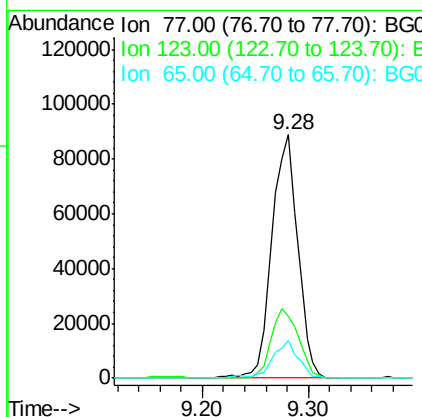
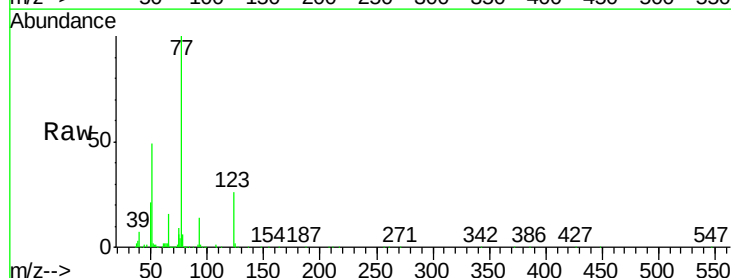
Instrument :
 BNA_G
 ClientSampleId :

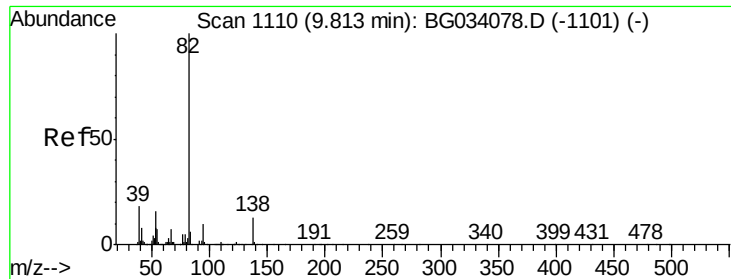
Tot Ion	82	Resp	564807
Ion Ratio	Lower	Upper	
82	100		
128	29.6	29.7	44.5#
54	55.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 19.996 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion	77	Resp	150481
Ion Ratio	Lower	Upper	
77	100		
123	25.7	33.0	49.6#
65	15.6	13.0	19.6





#25

Isophorone

Concen: 18.619 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

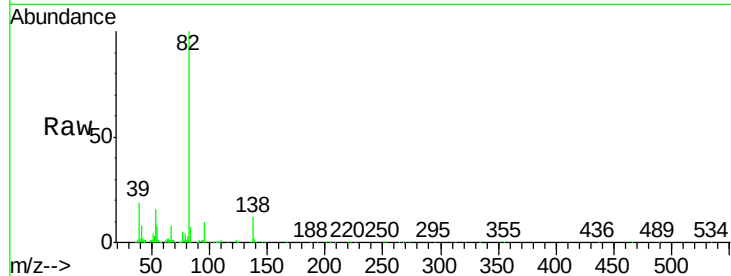
Tot Ion: 82 Resp: 261142

Ion Ratio Lower Upper

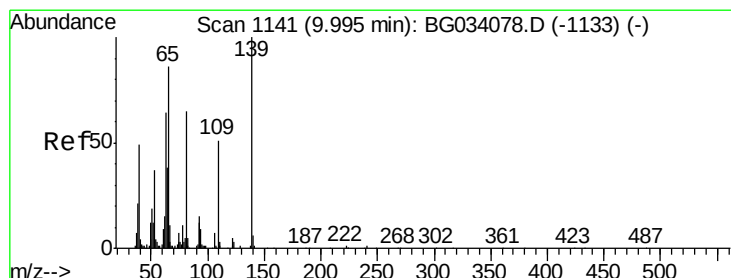
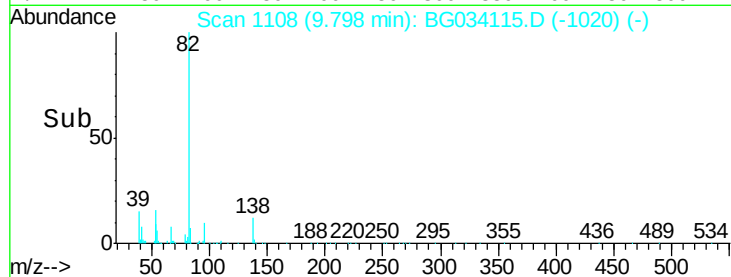
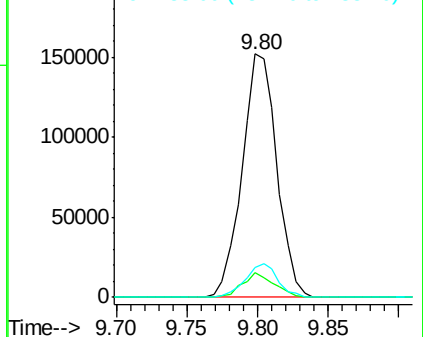
82 100

95 10.4 6.2 9.2#

138 12.4 12.1 18.1



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: 20.847 ng

RT: 9.99 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

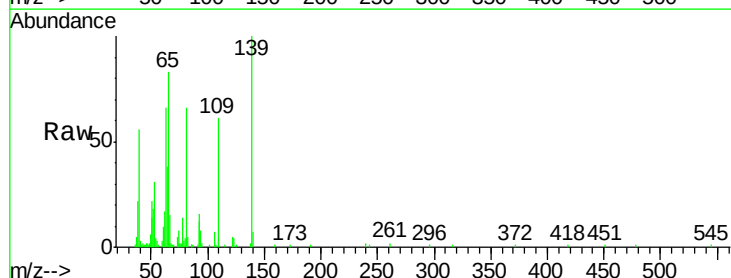
Tgt Ion: 139 Resp: 43431

Ion Ratio Lower Upper

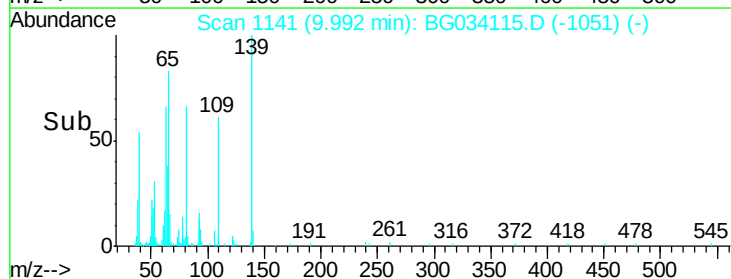
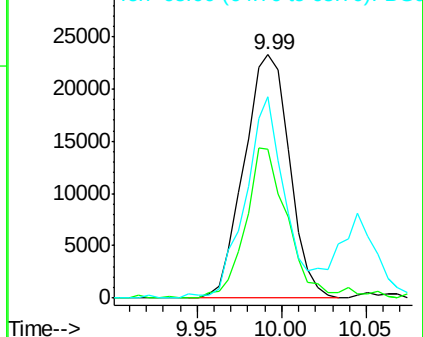
139 100

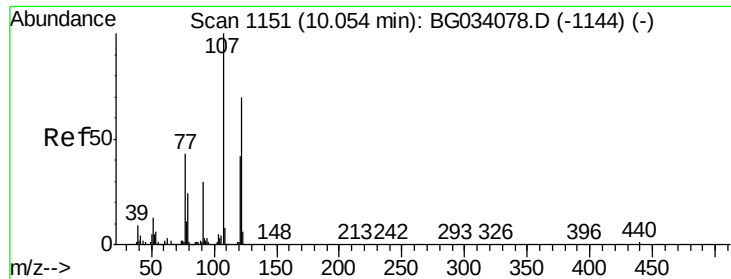
109 61.2 24.2 36.2#

65 82.6 47.4 71.0#



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

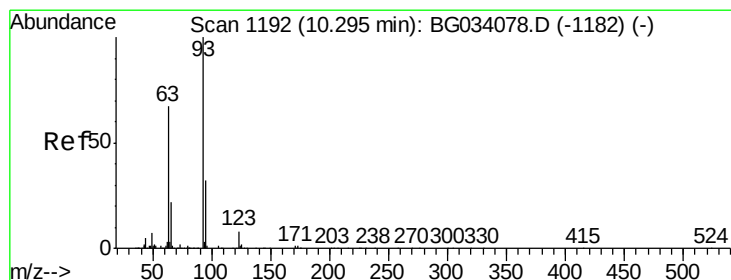
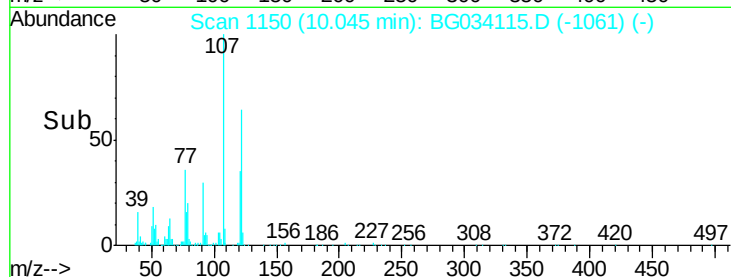
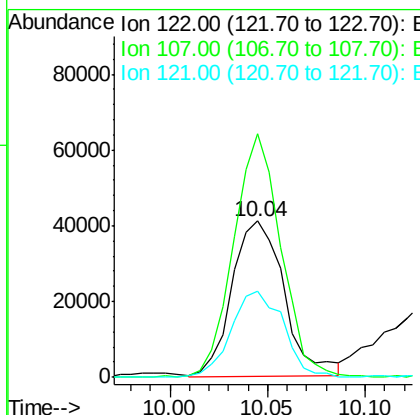
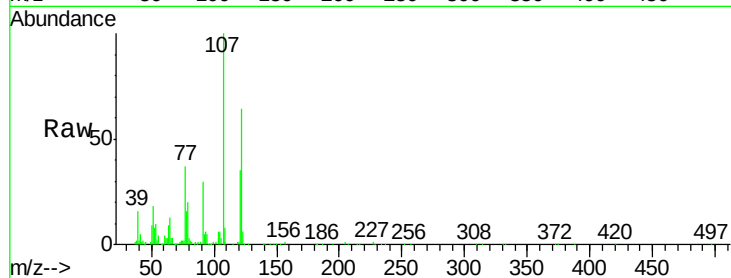




#27
 2,4-Dimethylphenol
 Concen: 18.897 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

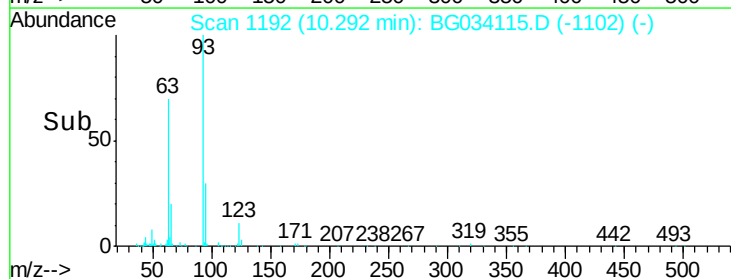
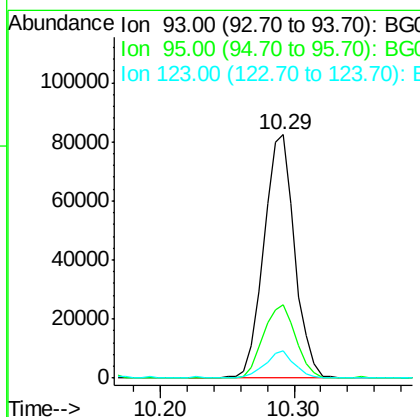
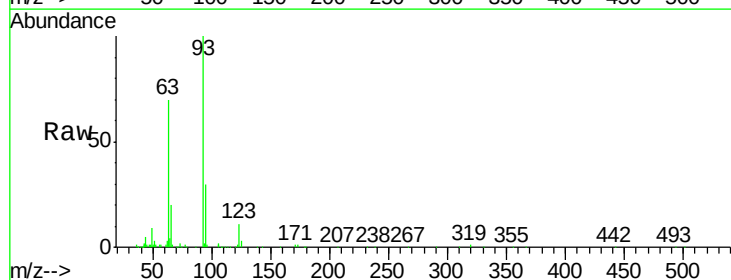
Instrument :
 BNA_G
 ClientSampleId :

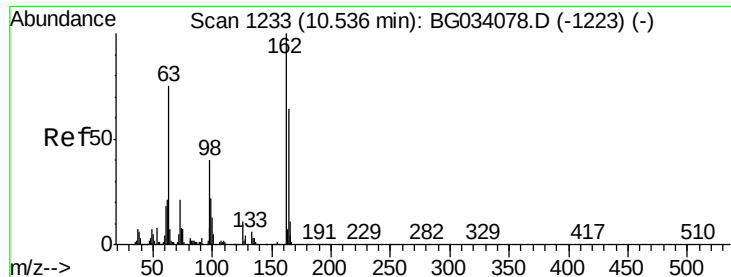
Tot Ion:122 Resp: 76320
 Ion Ratio Lower Upper
 122 100
 107 156.1 100.2 150.2#
 121 55.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 19.070 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion: 93 Resp: 131377
 Ion Ratio Lower Upper
 93 100
 95 30.1 24.3 36.5
 123 11.2 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 17.899 ng

RT: 10.53 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

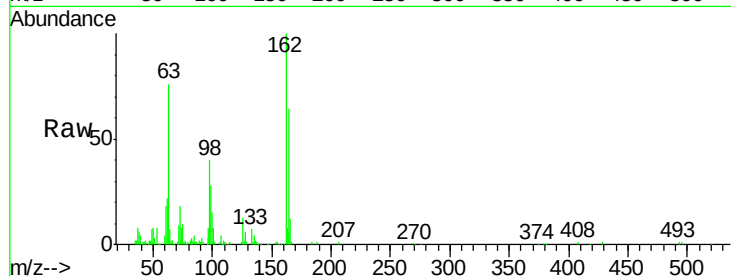
Tot Ion:162 Resp: 86412

Ion Ratio Lower Upper

162 100

164 63.6 48.0 88.0

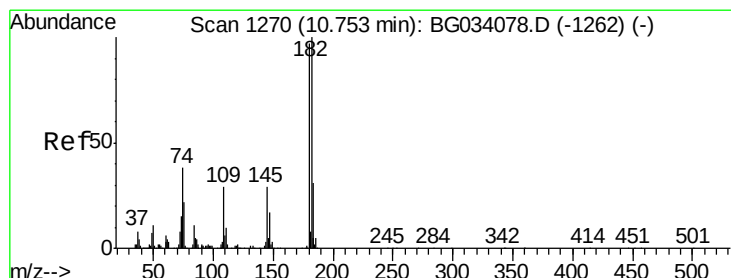
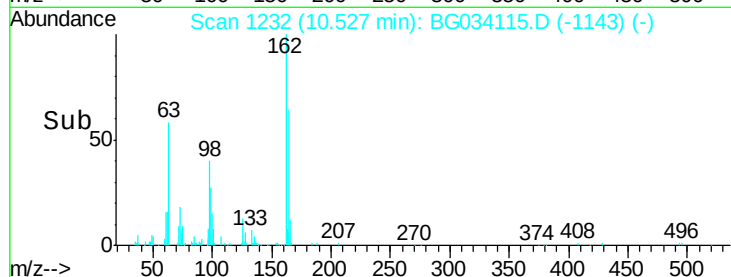
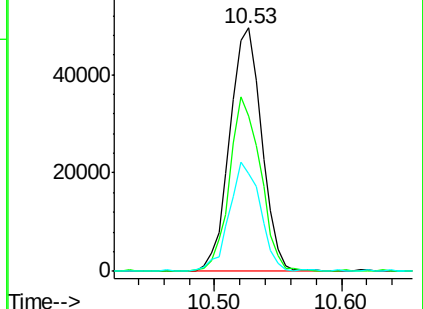
98 40.1 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 20.012 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

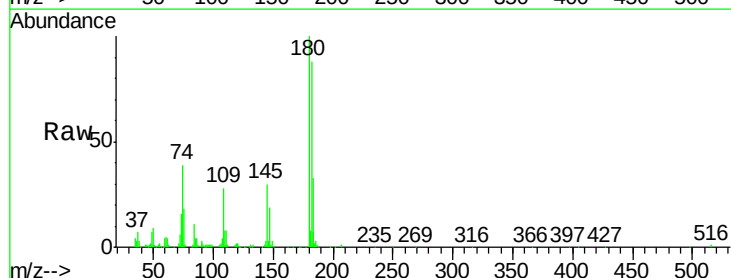
Tgt Ion:180 Resp: 116332

Ion Ratio Lower Upper

180 100

182 87.9 77.5 116.3

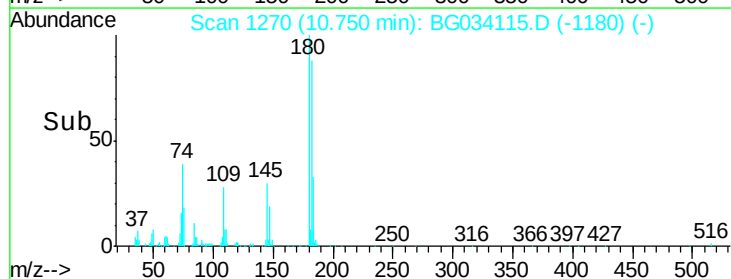
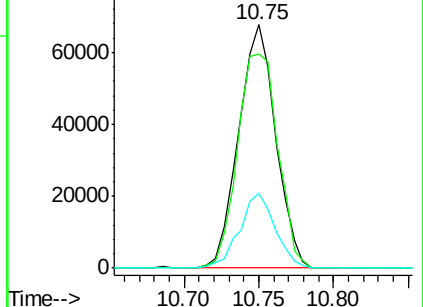
145 30.5 23.4 35.2

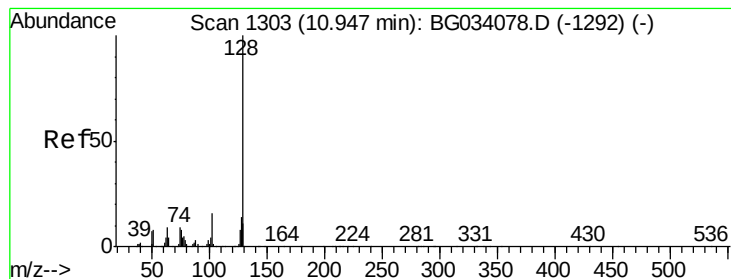


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 19.667 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

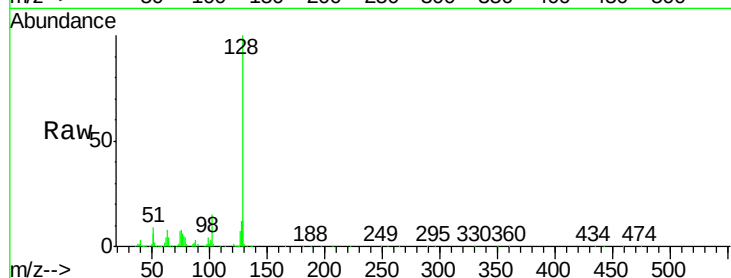
Tot Ion:128 Resp: 272688

Ion Ratio Lower Upper

128 100

129 11.6 8.6 12.8

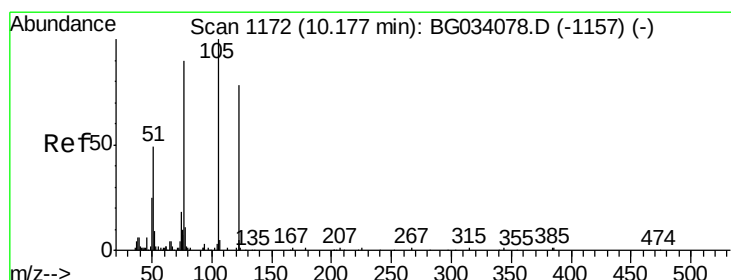
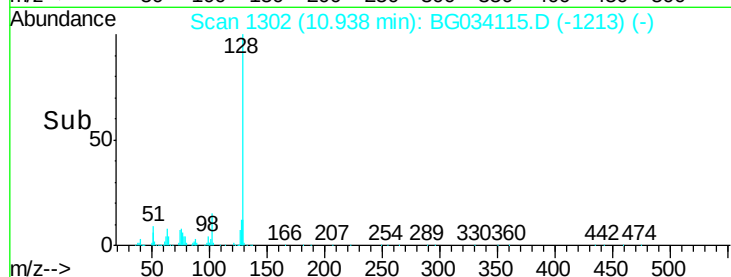
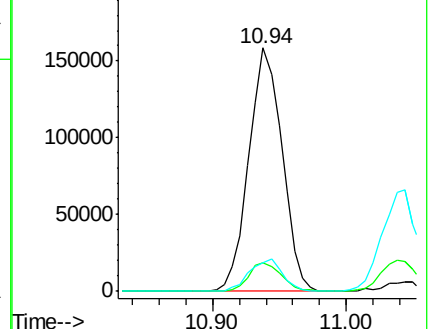
127 11.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.637 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.04 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

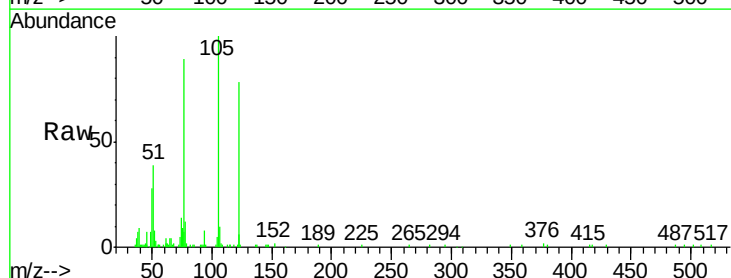
Tgt Ion:122 Resp: 55978

Ion Ratio Lower Upper

122 100

105 128.9 123.5 163.5

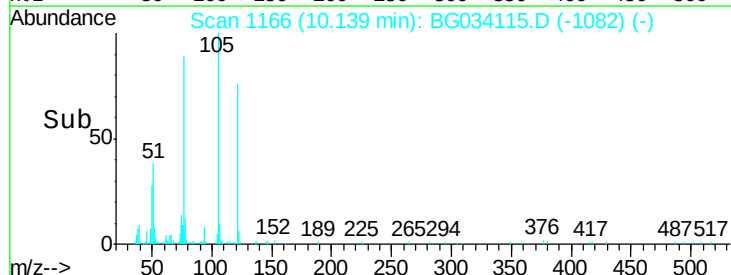
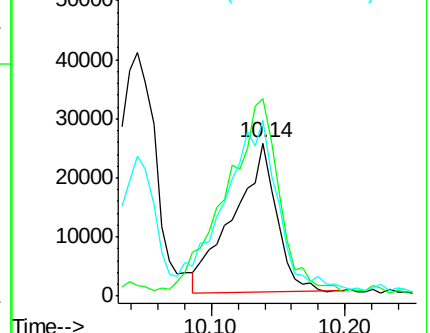
77 114.7 85.7 125.7

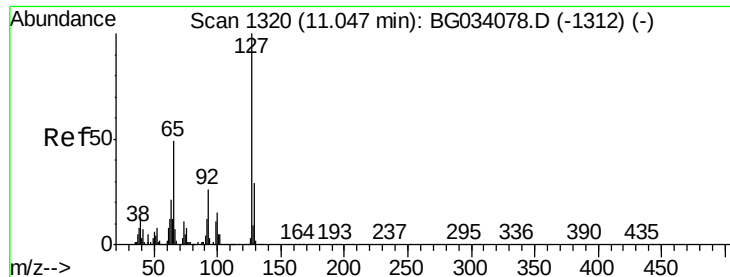


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

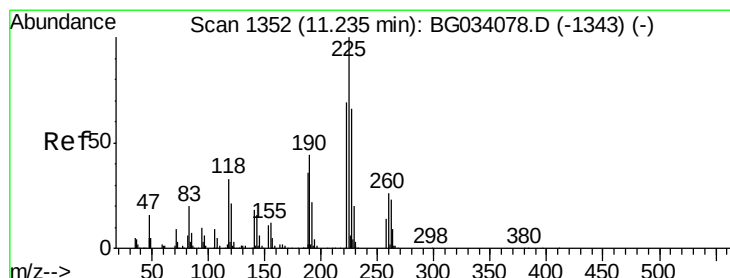
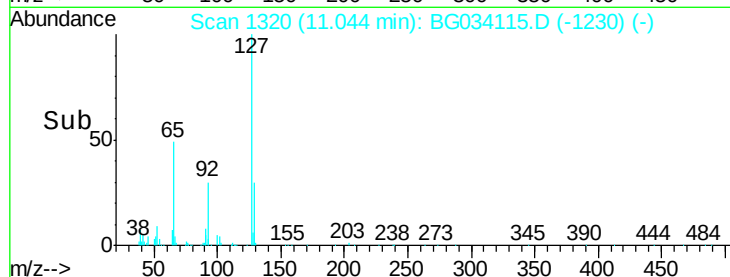
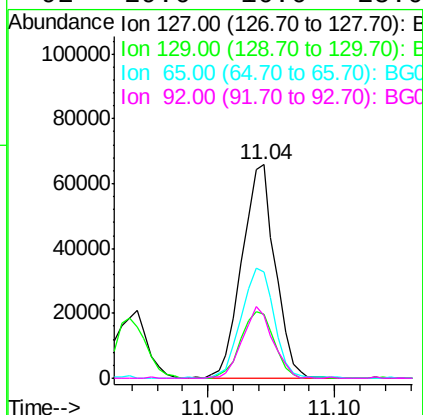
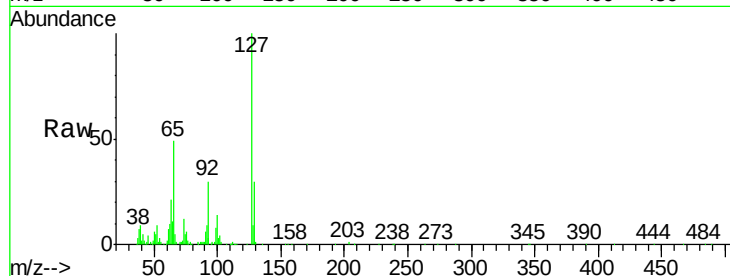




#33
4-Chloroaniline
Concen: 19.184 ng
RT: 11.04 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

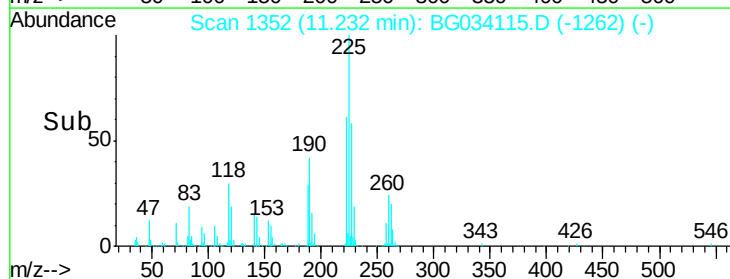
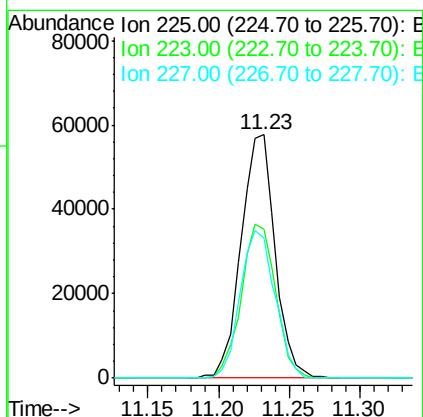
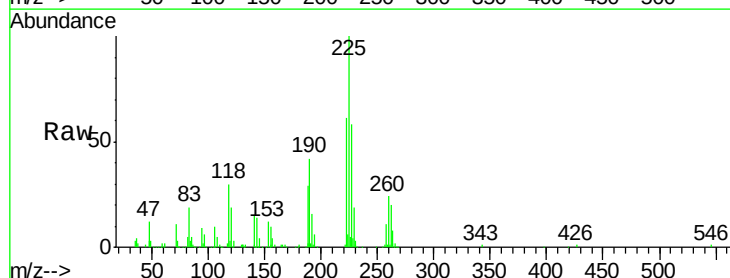
Instrument :
BNA_G
ClientSampleId :

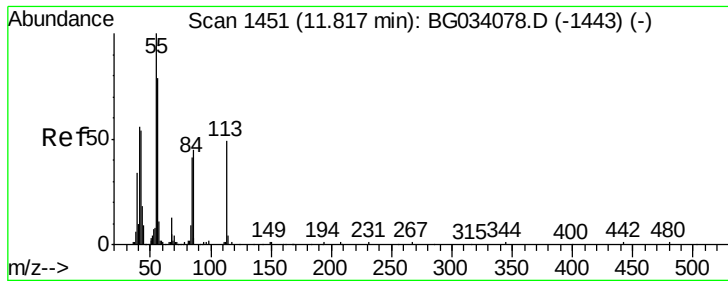
Tot Ion:	127	Resp:	119941
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.0	36.0
65	49.5	27.0	40.4#
92	29.6	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 19.739 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

Tgt Ion:	225	Resp:	97120
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.7	74.5
227	61.9	48.1	72.1





#35

Caprolactam

Concen: 20.488 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

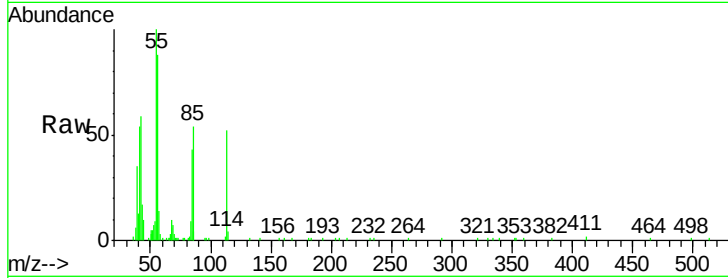
Tot Ion:113 Resp: 35132

Ion Ratio Lower Upper

113 100

55 193.3 186.9 226.9

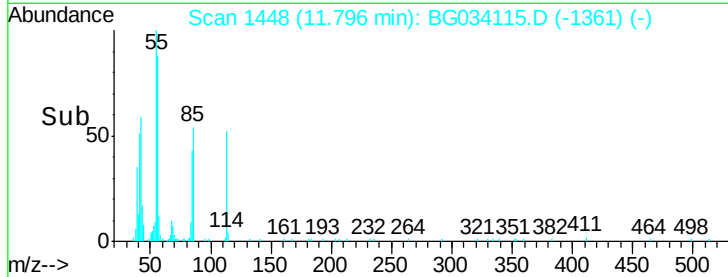
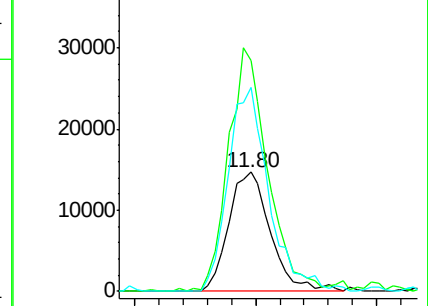
56 170.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 18.994 ng

RT: 12.15 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

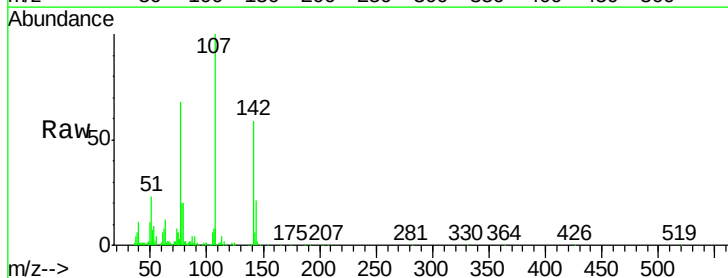
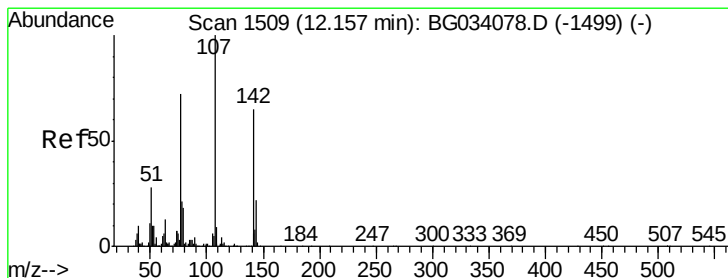
Tgt Ion:107 Resp: 118897

Ion Ratio Lower Upper

107 100

144 21.4 18.2 27.4

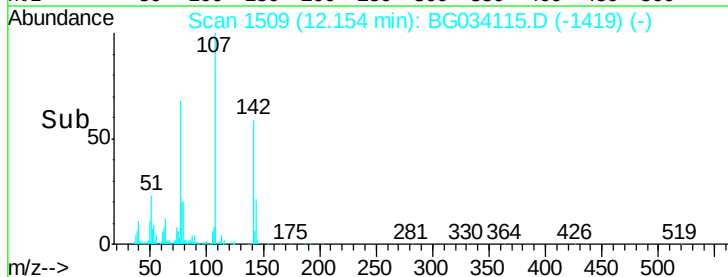
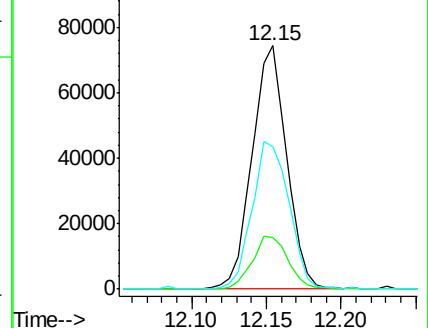
142 58.6 59.0 88.4#

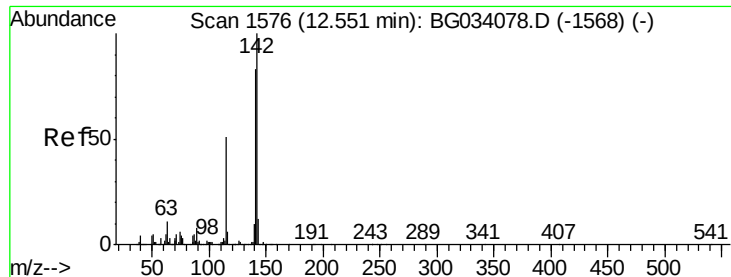


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 19.577 ng

RT: 12.54 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

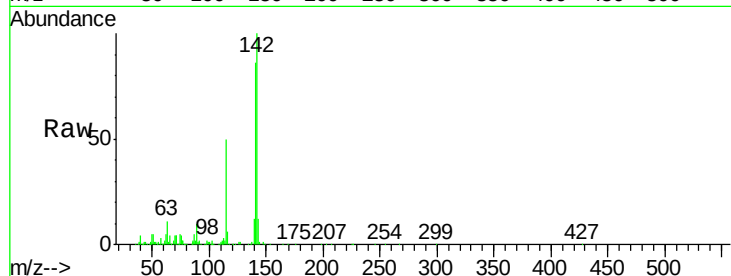
Tot Ion:142 Resp: 220090

Ion Ratio Lower Upper

142 100

141 85.9 67.1 100.7

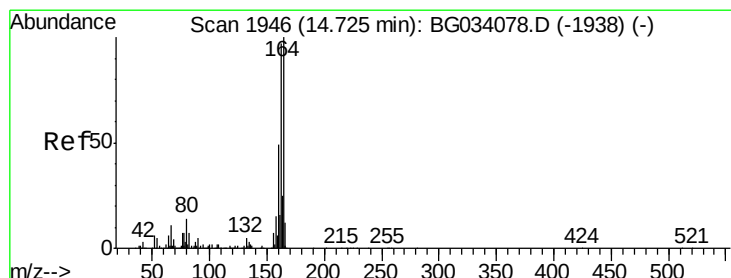
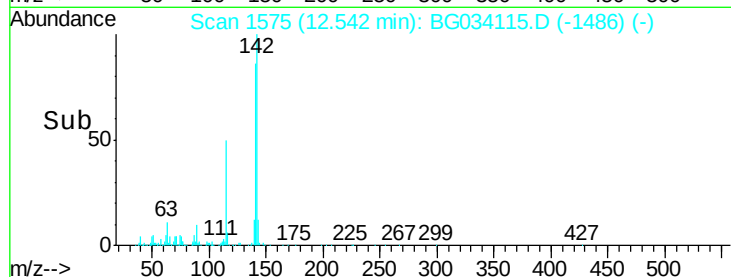
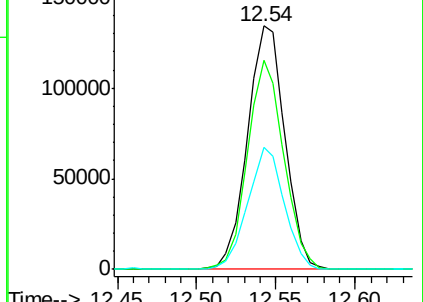
115 50.3 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

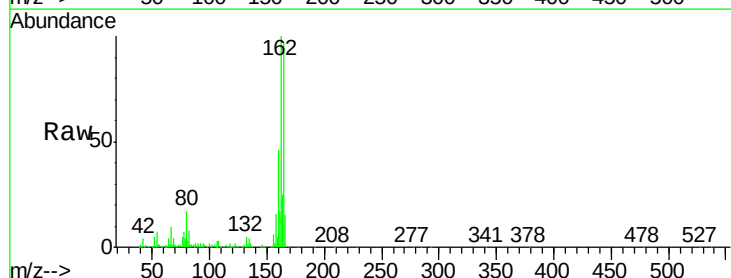
Tgt Ion:164 Resp: 199080

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

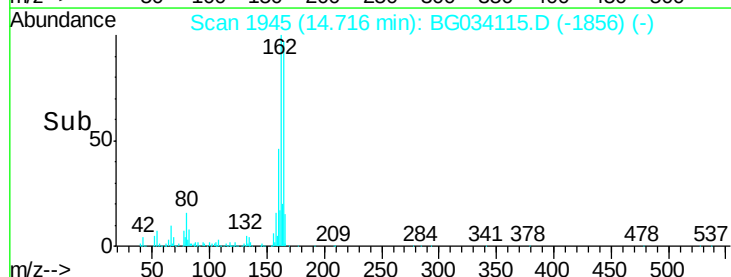
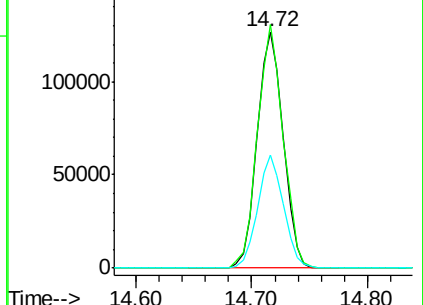
160 47.8 35.4 53.0

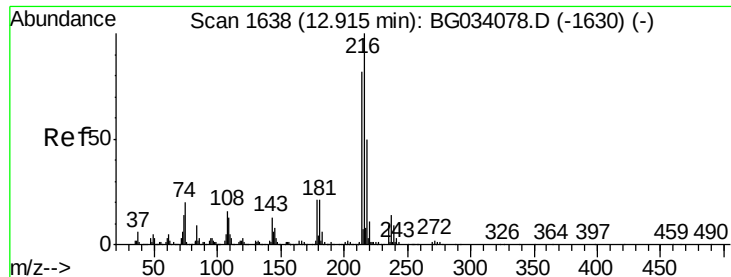


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

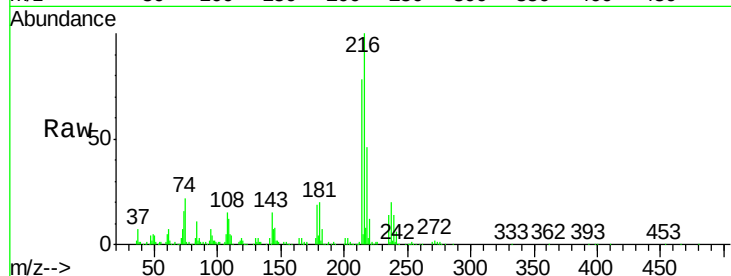




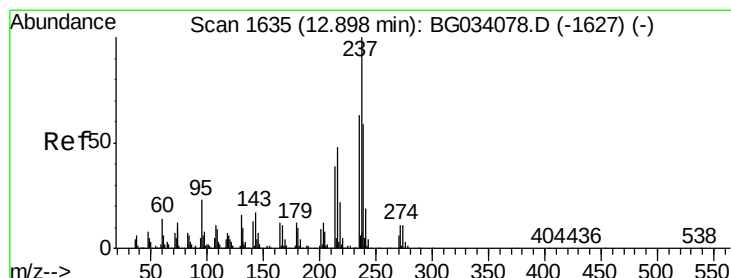
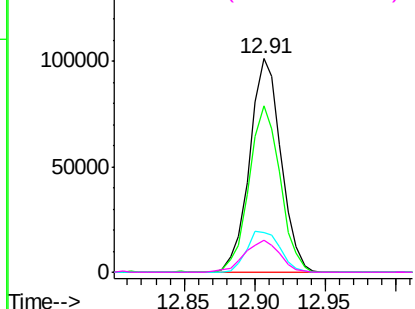
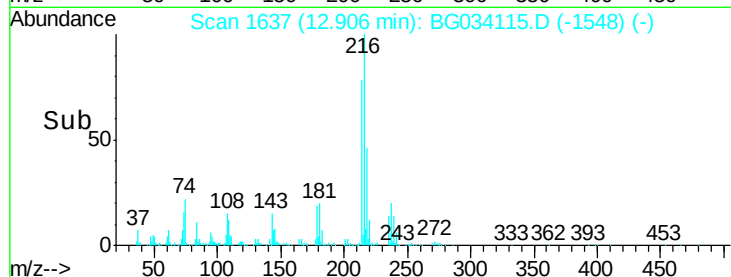
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.552 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	158324
Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.0	94.4
179	20.5	17.0	25.6
108	16.8	12.8	19.2

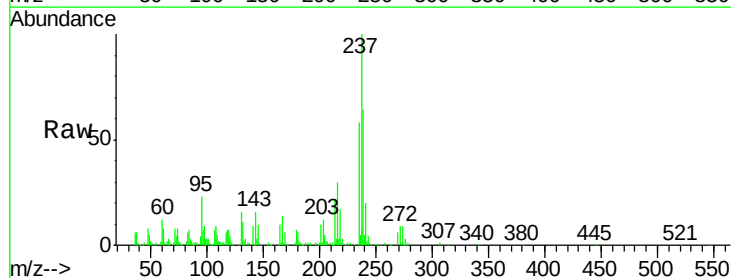


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

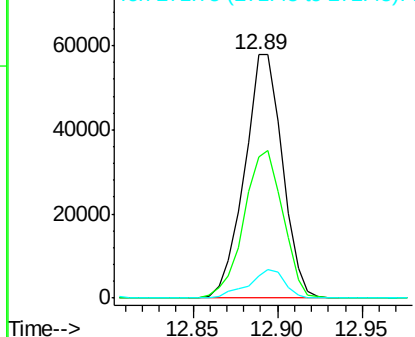
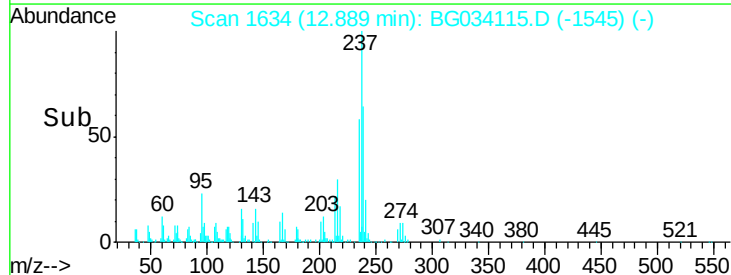


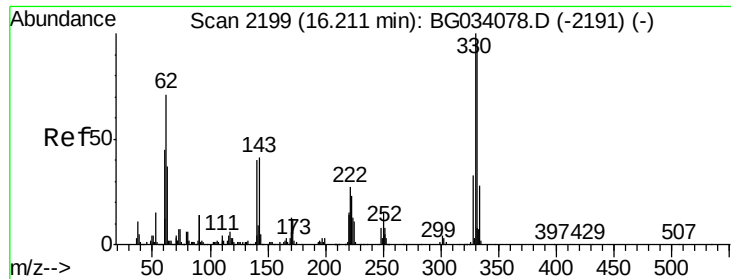
#40
 Hexachlorocyclopentadiene
 Concen: 19.832 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion:	237	Resp:	90524
Ion	Ratio	Lower	Upper
237	100		
235	58.1	50.4	90.4
272	9.2	0.0	31.8



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

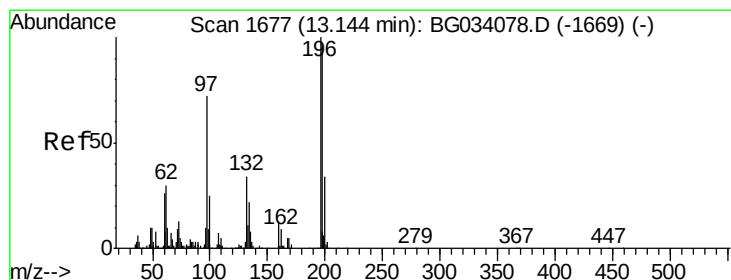
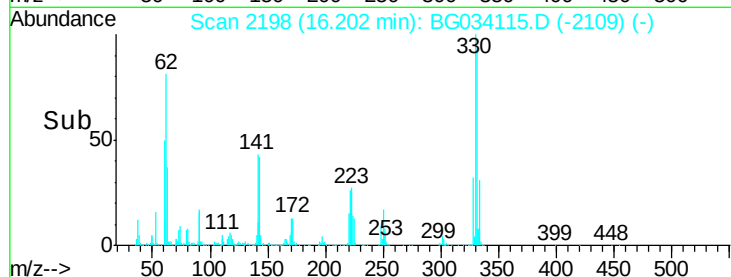
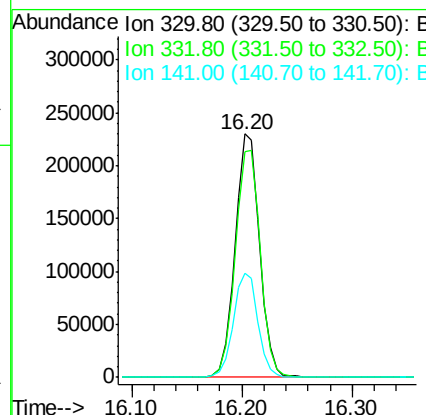
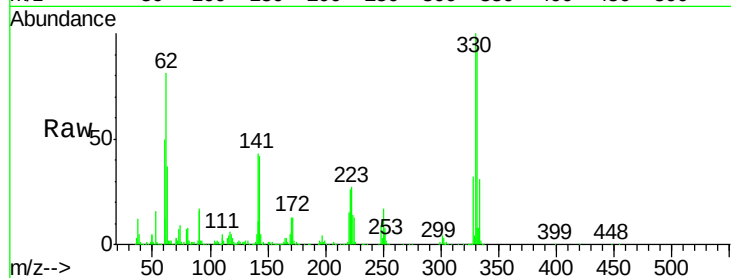




#41
 2,4,6-Tribromophenol
 Concen: 129.566 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

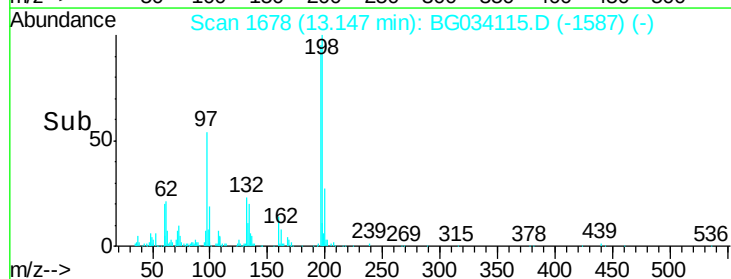
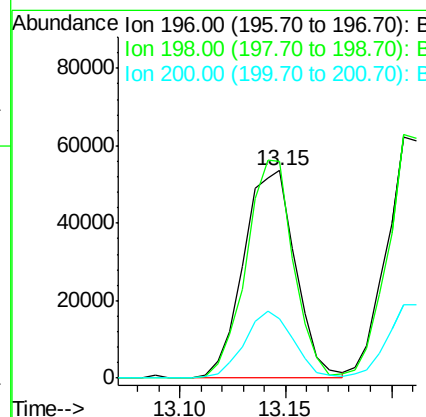
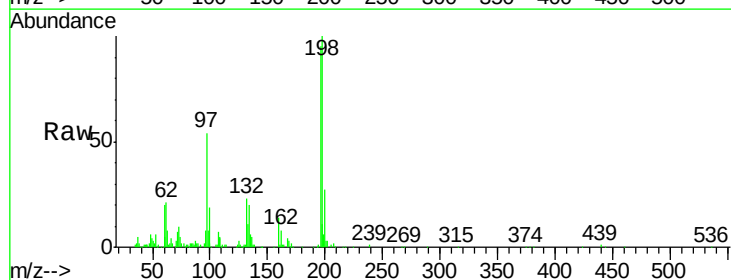
Instrument :
 BNA_G
 ClientSampleId :

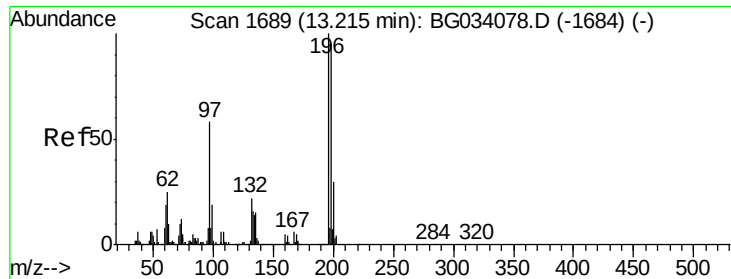
Tot Ion:330 Resp: 357172
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 42.9 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 20.410 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion:196 Resp: 91354
 Ion Ratio Lower Upper
 196 100
 198 104.7 78.2 117.2
 200 28.6 24.6 36.8

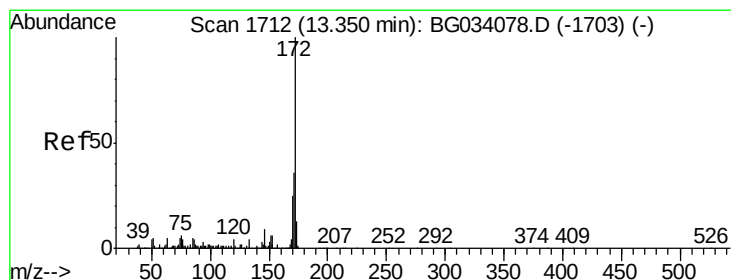
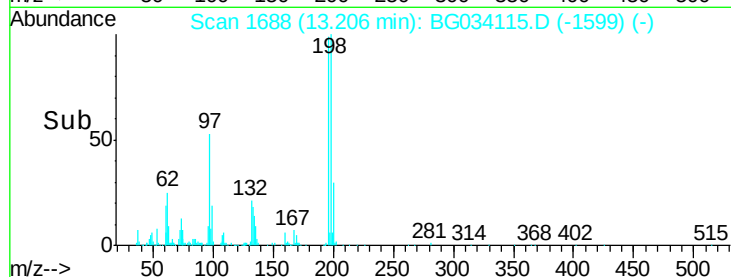
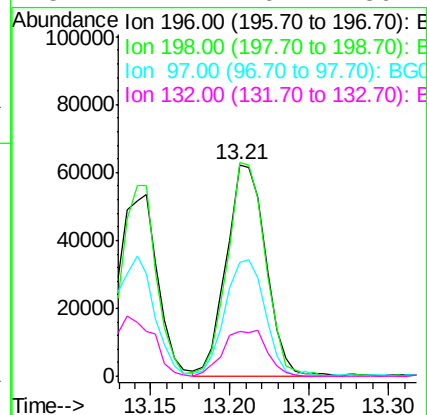
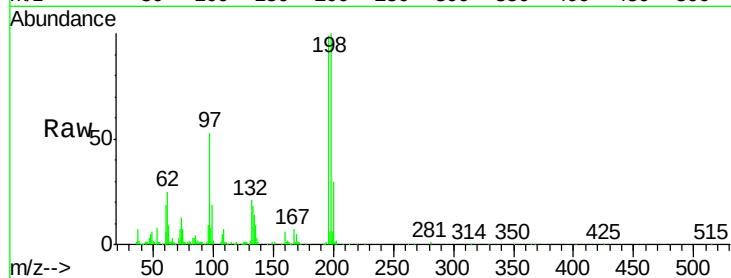




#43
 2,4,5-Trichlorophenol
 Concen: 21.768 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

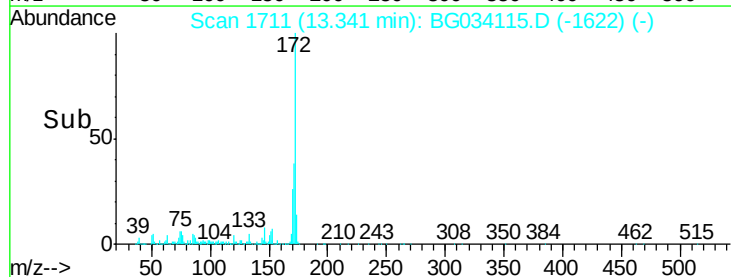
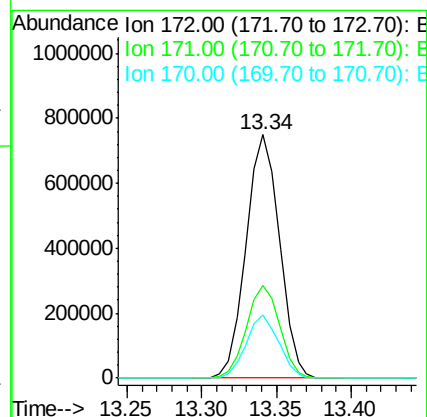
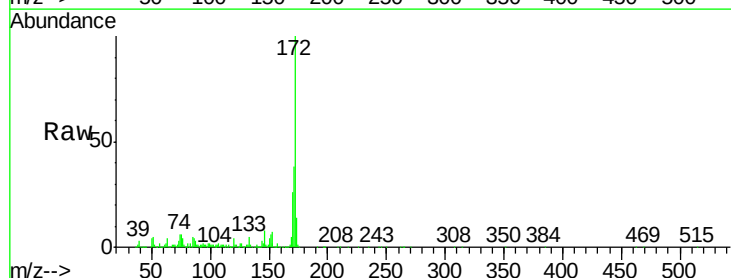
Instrument :
 BNA_G
 ClientSampleId :

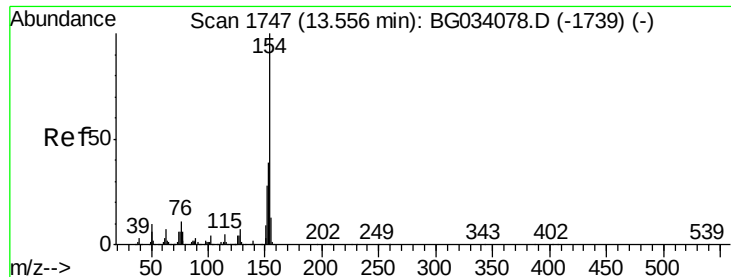
Tot Ion	Ratio	Lower	Upper
196	100		
198	101.0	76.2	114.4
97	53.6	38.7	58.1
132	21.2	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 84.702 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	26.1	19.5	29.3

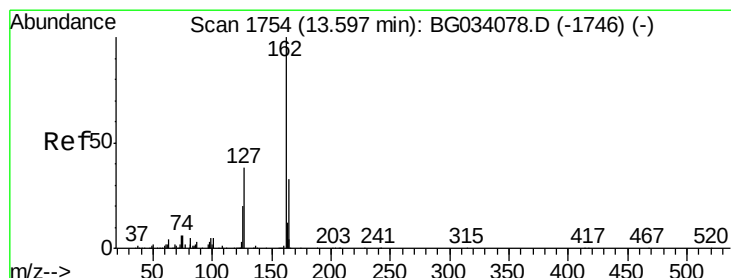
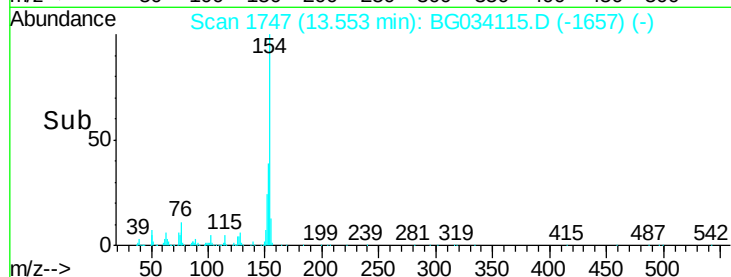
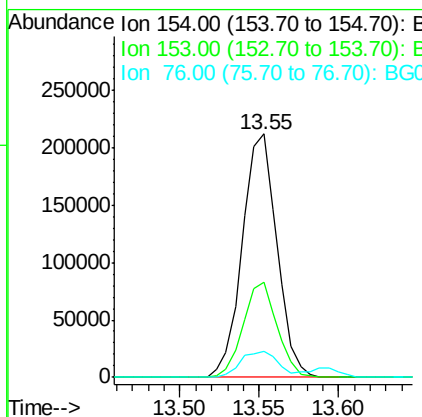
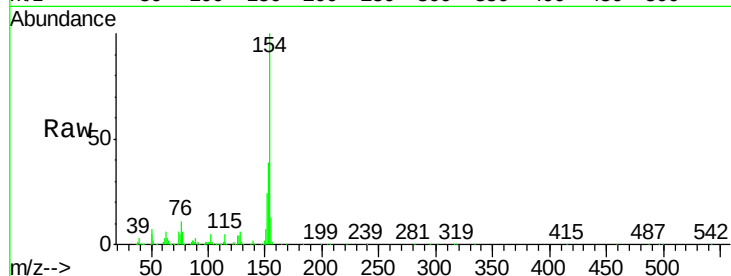




#45
 1,1'-Biphenyl
 Concen: 20.683 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

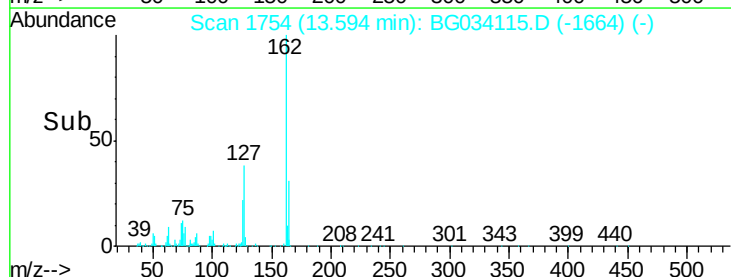
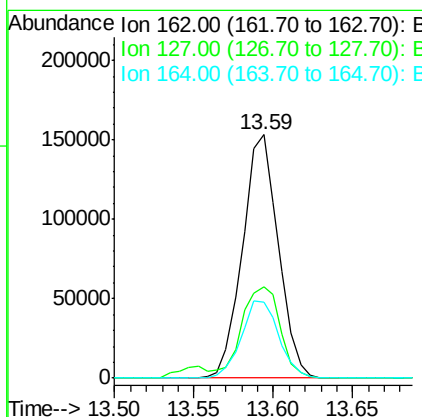
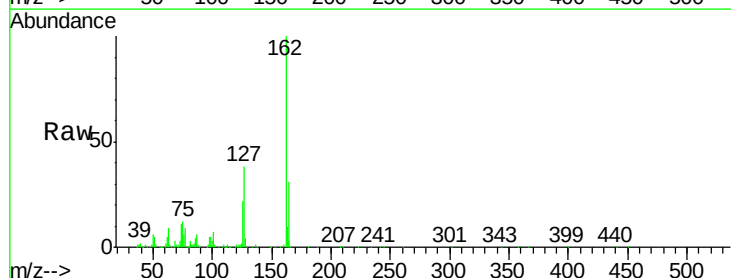
Instrument :
 BNA_G
 ClientSampleId :

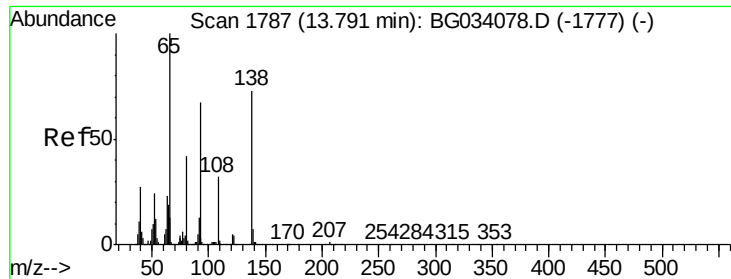
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.8	59.8
76	10.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 20.373 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.7	46.1
164	31.3	26.0	39.0

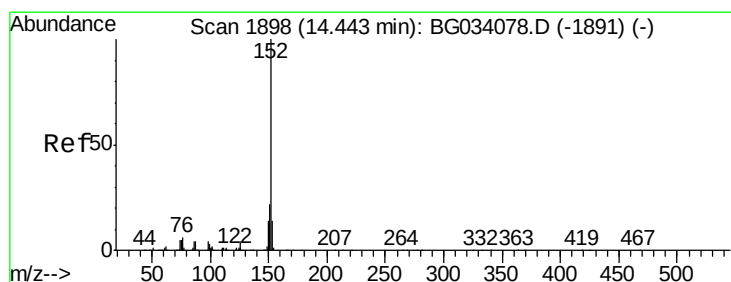
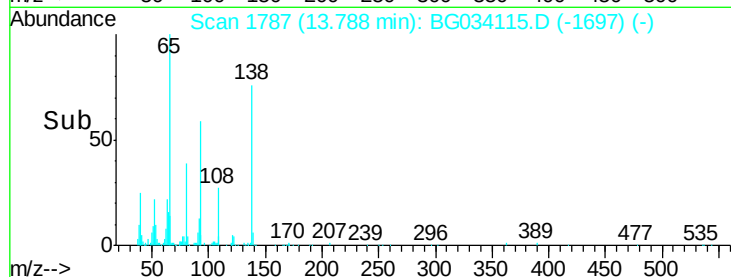
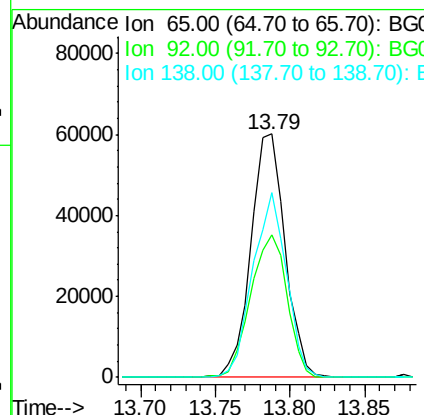
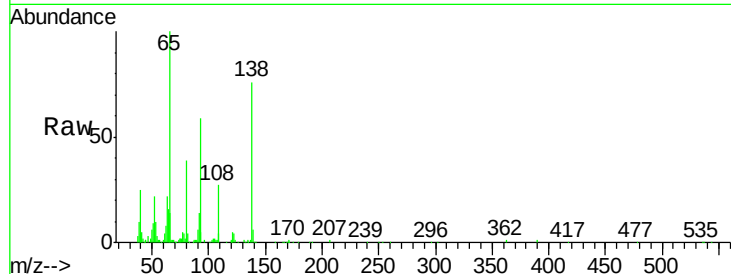




#47
2-Nitroaniline
Concen: 20.162 ng
RT: 13.79 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

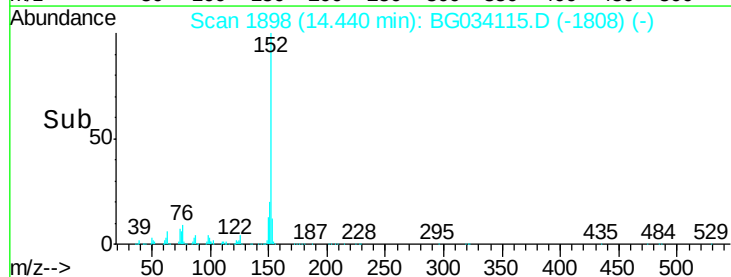
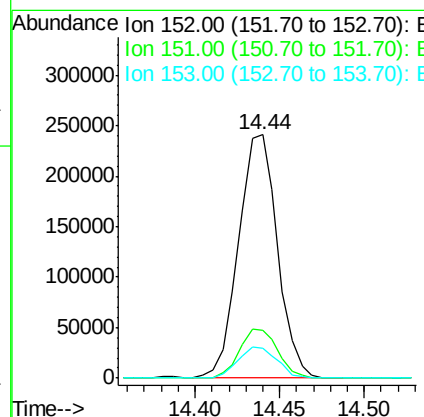
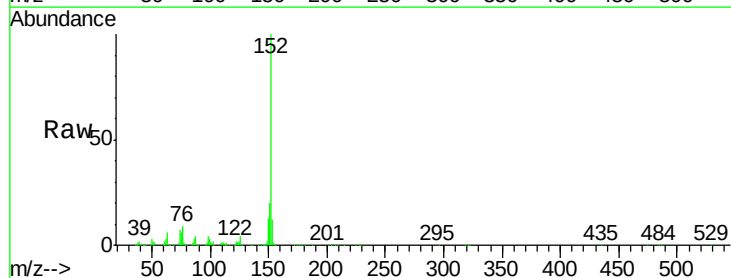
Instrument :
BNA_G
ClientSampleId :

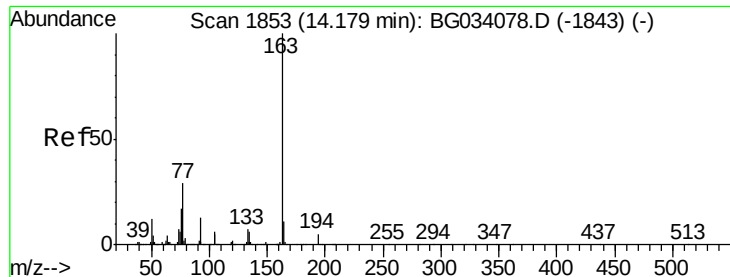
Tot Ion: 65 Resp: 94909
Ion Ratio Lower Upper
65 100
92 58.6 54.6 82.0
138 75.9 72.9 109.3



#48
Acenaphthylene
Concen: 20.515 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

Tgt Ion: 152 Resp: 385652
Ion Ratio Lower Upper
152 100
151 19.7 17.2 25.8
153 12.0 10.2 15.4





#49

Dimethylphthalate

Concen: 19.937 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

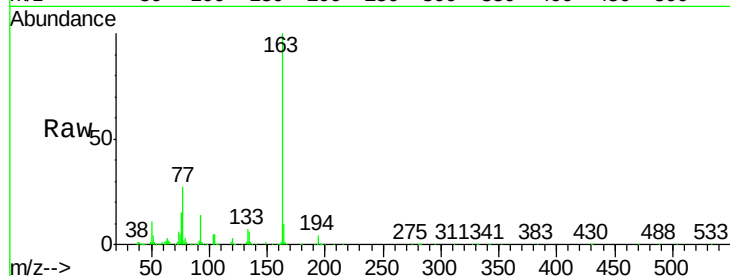
Tot Ion:163 Resp: 344168

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

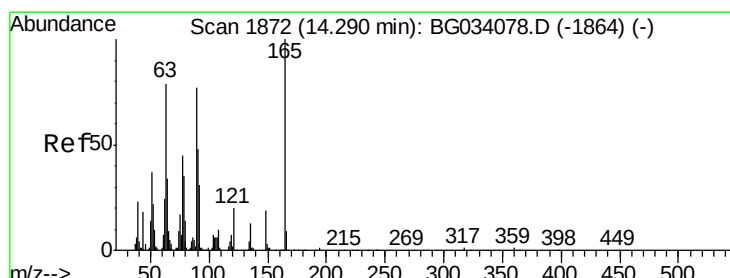
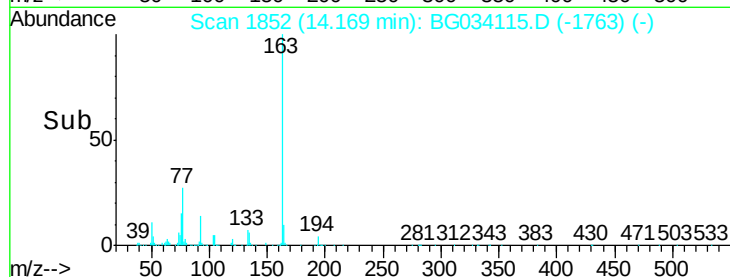
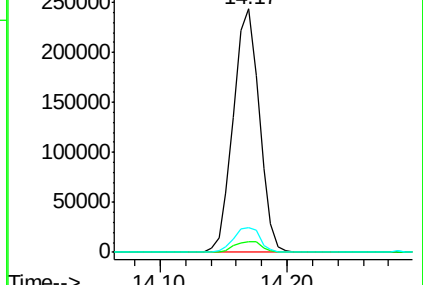
164 10.3 8.2 12.4



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: 21.770 ng

RT: 14.28 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

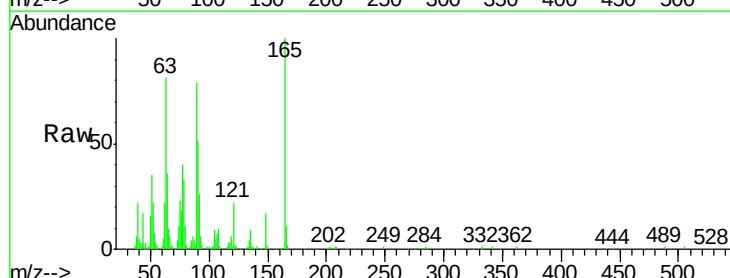
Tgt Ion:165 Resp: 72178

Ion Ratio Lower Upper

165 100

63 81.2 52.7 79.1#

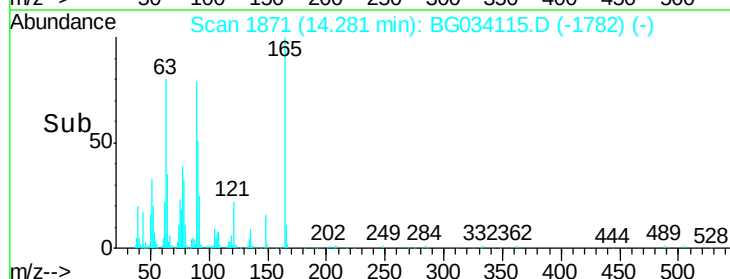
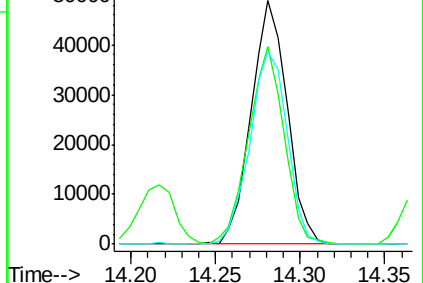
89 79.2 49.2 73.8#

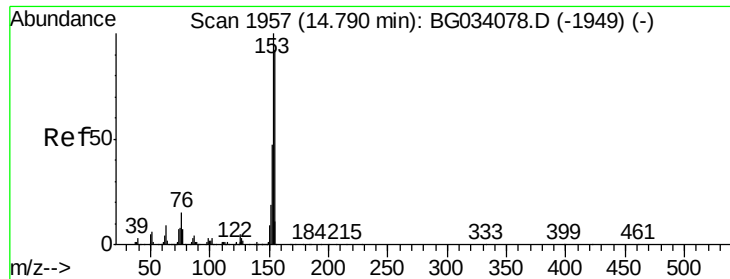


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 20.028 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

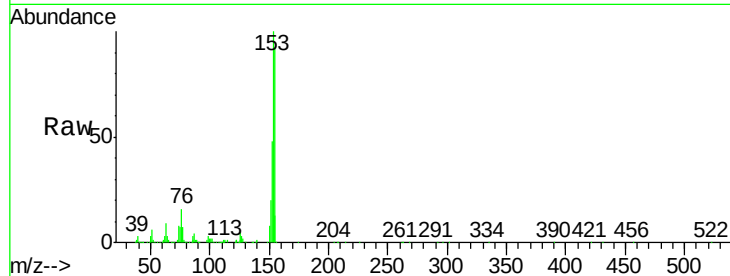
Tot Ion:154 Resp: 255876

Ion Ratio Lower Upper

154 100

153 108.3 90.4 135.6

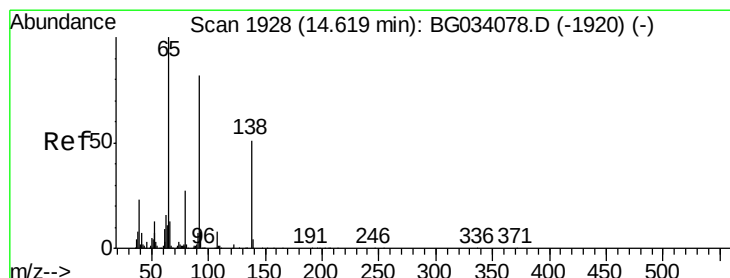
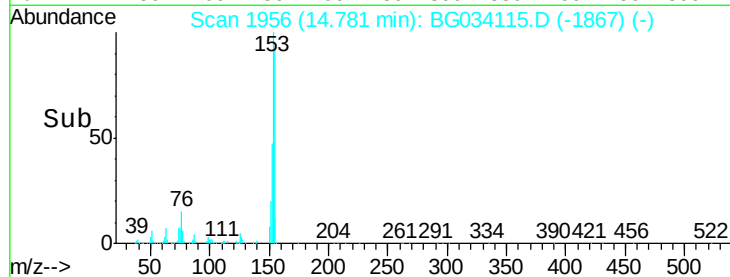
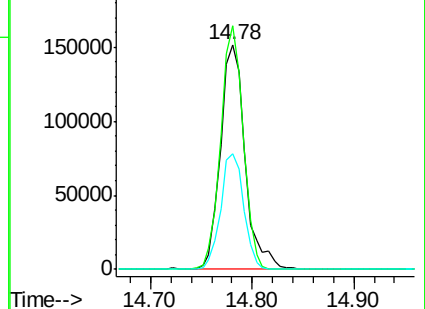
152 51.5 41.6 62.4



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: 20.815 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

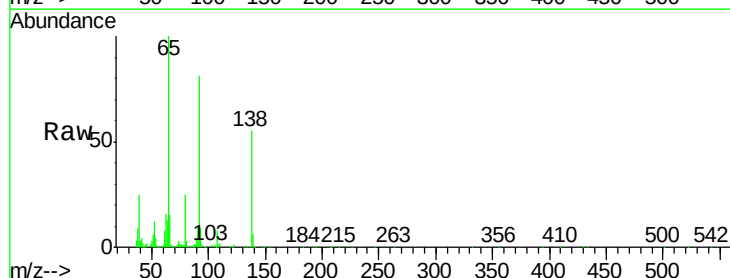
Tgt Ion:138 Resp: 69558

Ion Ratio Lower Upper

138 100

108 15.2 17.5 26.3#

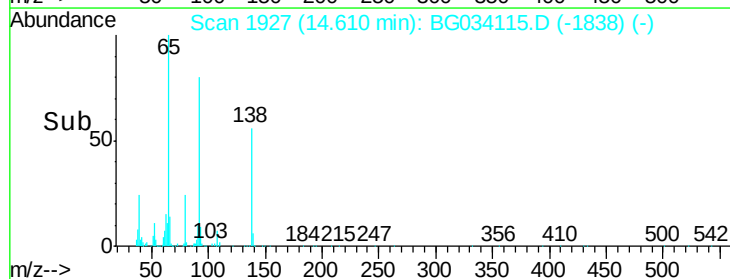
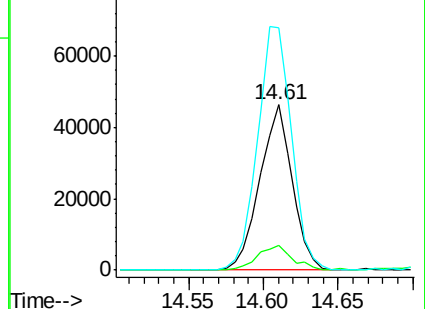
92 146.9 105.8 158.8

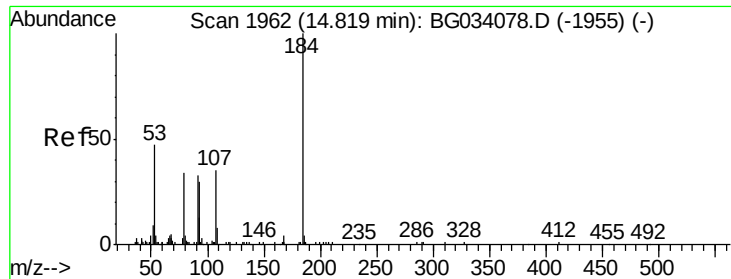


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

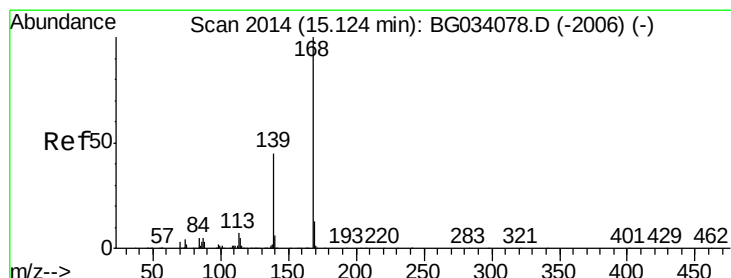
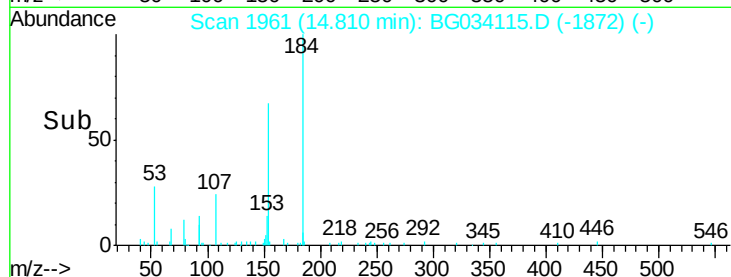
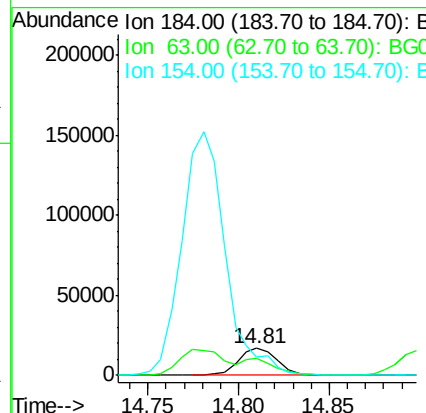
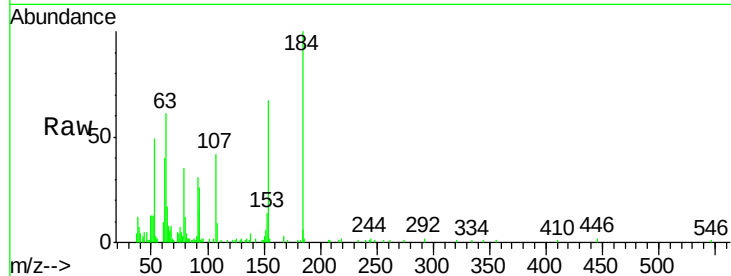




#53
2,4-Dinitrophenol
Concen: 19.456 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

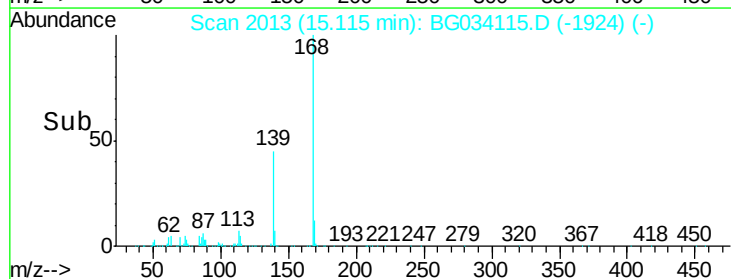
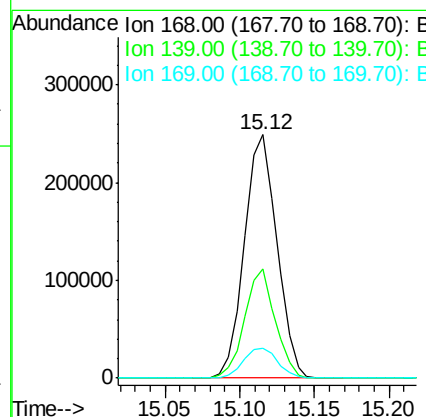
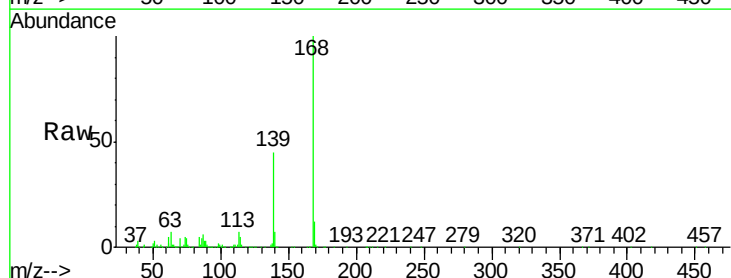
Instrument :
BNA_G
ClientSampleId :

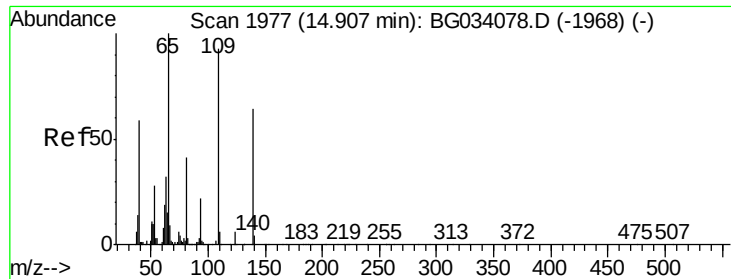
Tot Ion:184 Resp: 25235
Ion Ratio Lower Upper
184 100
63 57.8 59.8 89.8#
154 62.7 101.8 152.8#



#54
Dibenzofuran
Concen: 20.272 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

Tgt Ion:168 Resp: 375479
Ion Ratio Lower Upper
168 100
139 45.0 28.6 43.0#
169 12.3 11.2 16.8

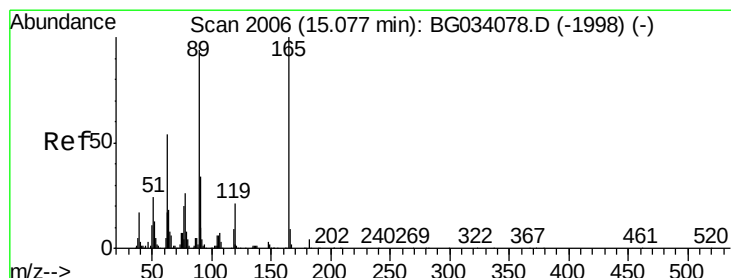
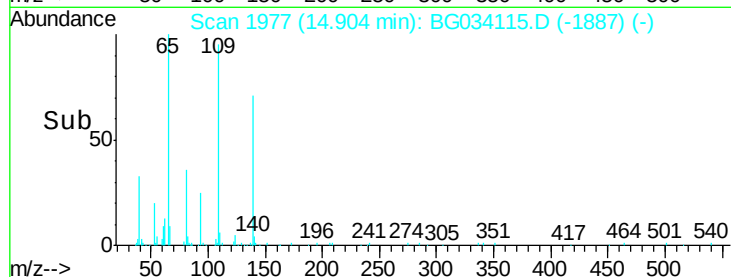
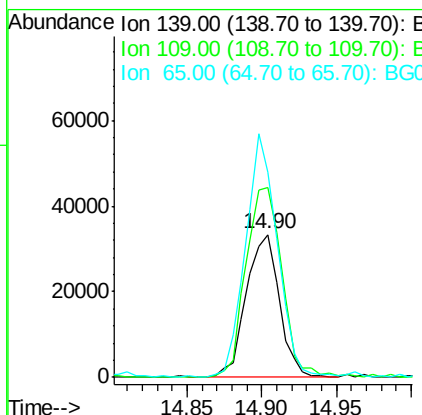
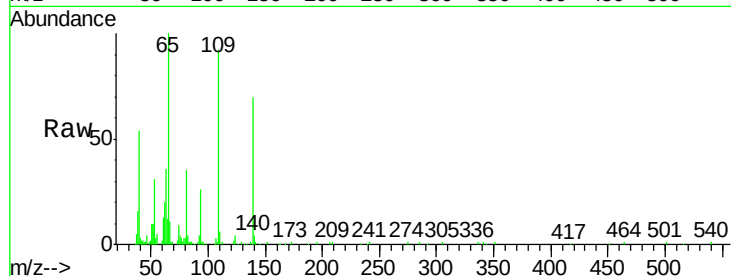




#55
4-Nitrophenol
Concen: 20.027 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

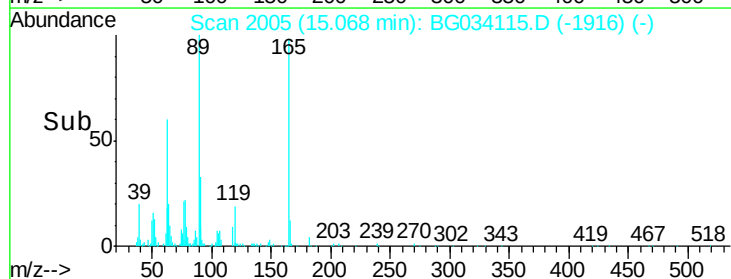
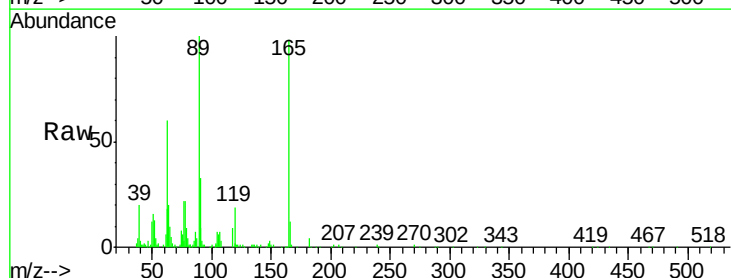
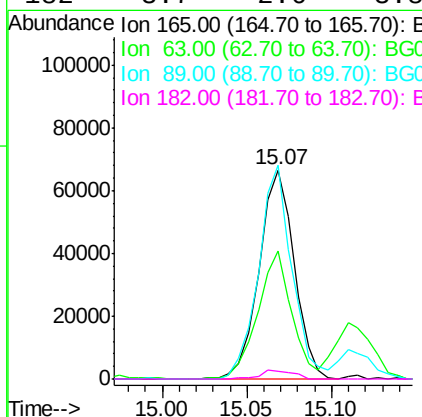
Instrument :
BNA_G
ClientSampleId :

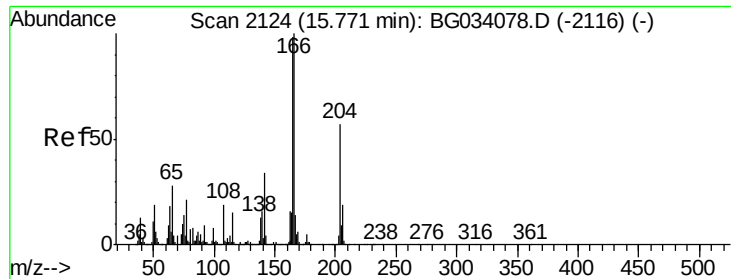
Tot Ion	Ratio	Lower	Upper
139	100		
109	132.8	62.2	102.2#
65	143.9	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 21.210 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.7	42.0	63.0
89	102.4	66.9	100.3#
182	3.7	2.6	3.8





#57

Fluorene

Concen: 19.676 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

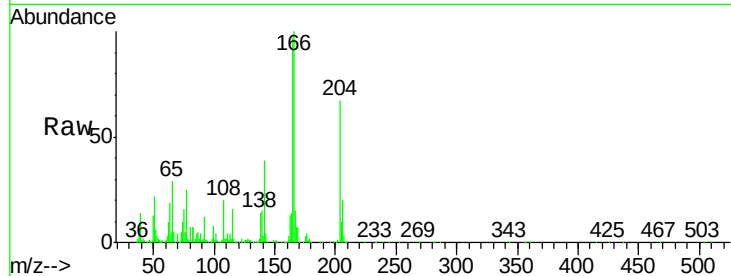
Tot Ion:166 Resp: 317646

Ion Ratio Lower Upper

166 100

165 97.2 80.6 121.0

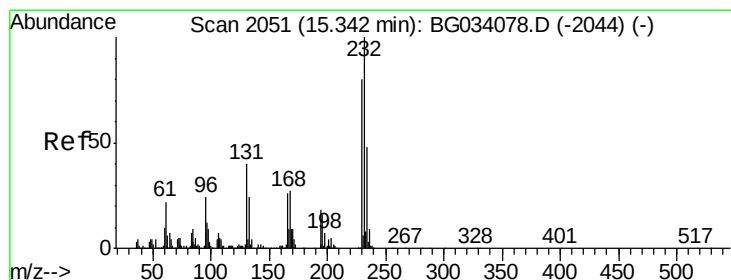
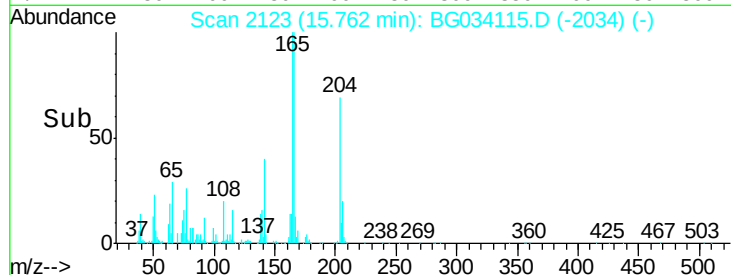
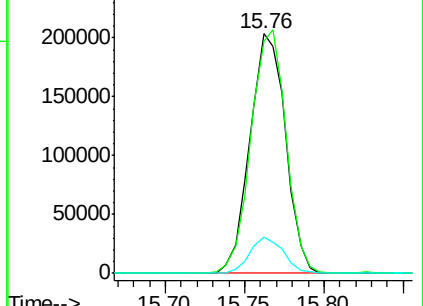
167 15.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.686 ng

RT: 15.33 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Tgt Ion:232 Resp: 100767

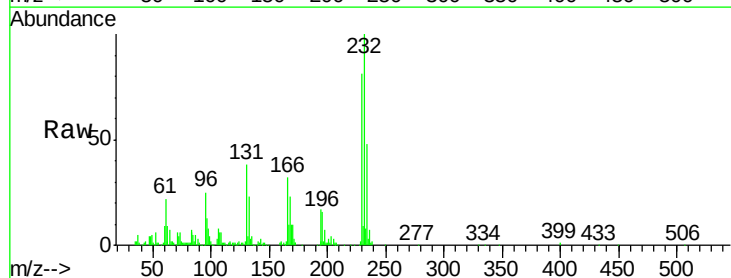
Ion Ratio Lower Upper

232 100

131 38.1 33.5 50.3

130 3.0 2.2 3.2

166 27.5 24.8 37.2

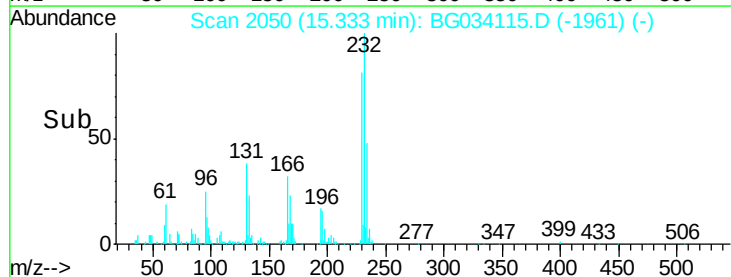
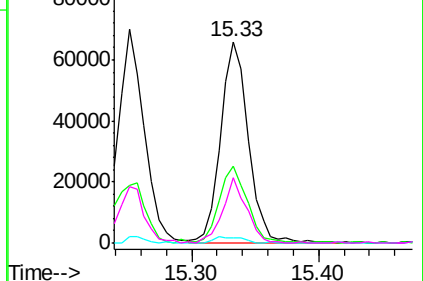


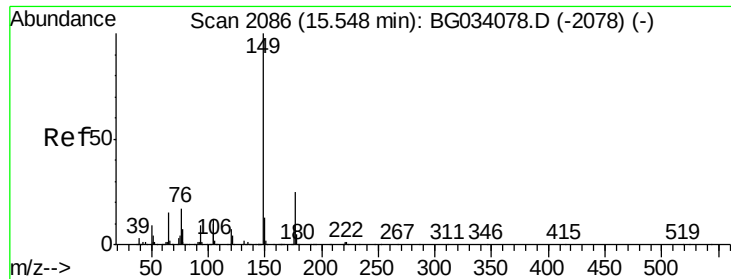
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 19.881 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

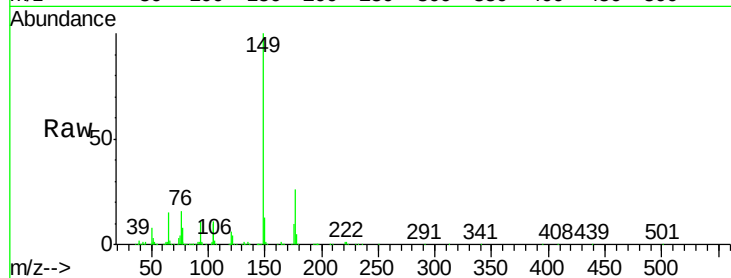
Tot Ion:149 Resp: 363179

Ion Ratio Lower Upper

149 100

177 25.8 18.5 27.7

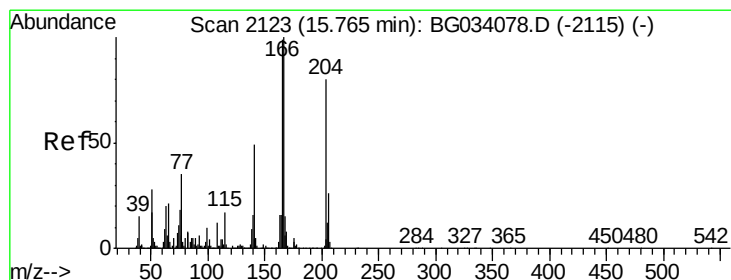
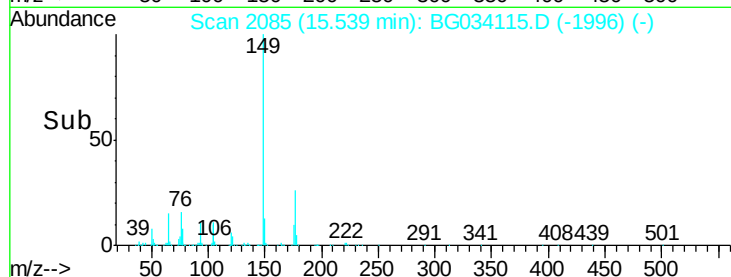
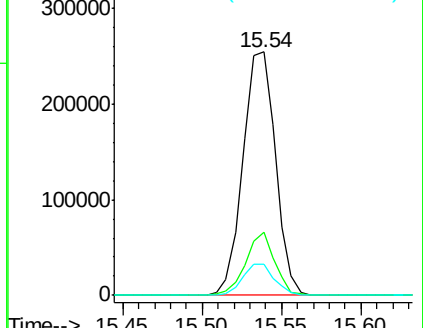
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.697 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

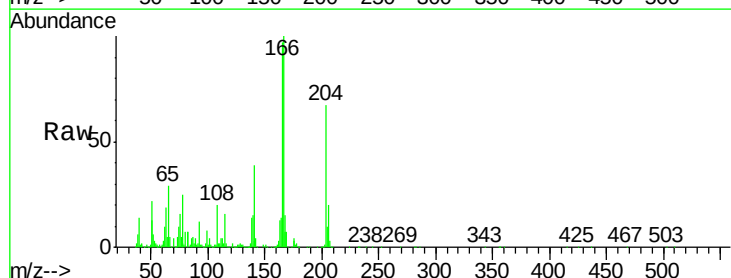
Tgt Ion:204 Resp: 198777

Ion Ratio Lower Upper

204 100

206 29.2 26.2 39.2

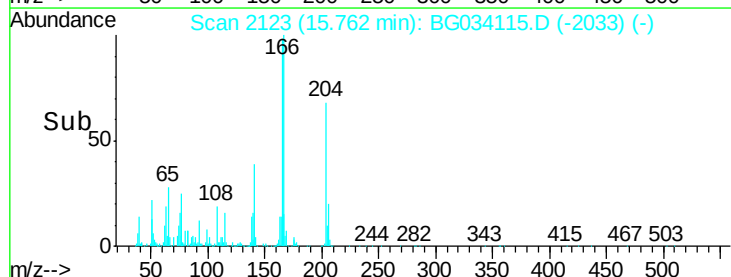
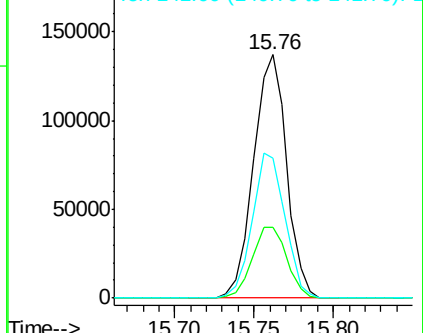
141 57.7 45.8 68.6

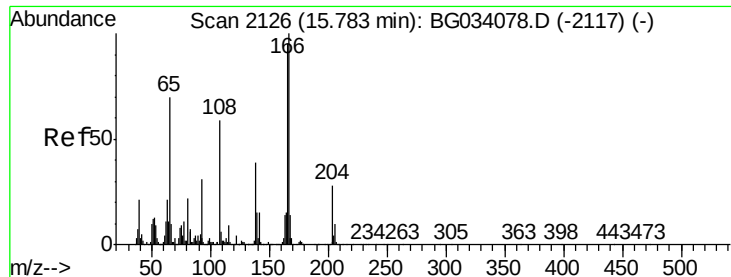


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 20.346 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

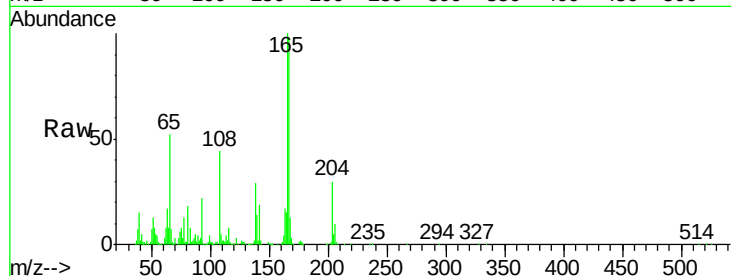
Tot Ion:138 Resp: 72122

Ion Ratio Lower Upper

138 100

92 74.5 40.1 80.1

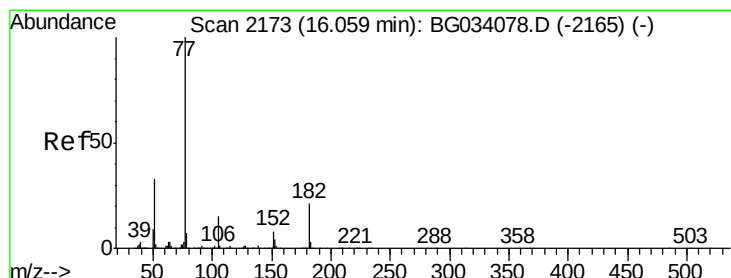
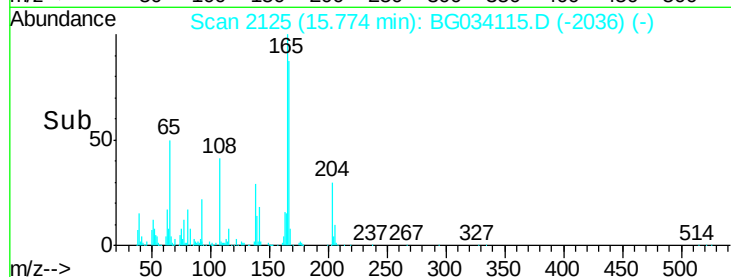
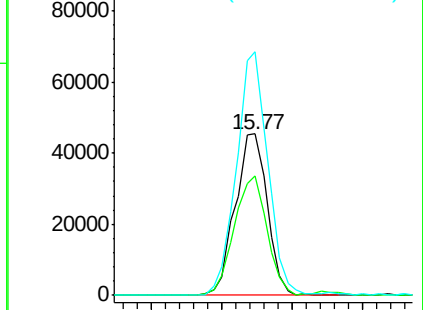
108 151.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 20.001 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Tgt Ion: 77 Resp: 394694

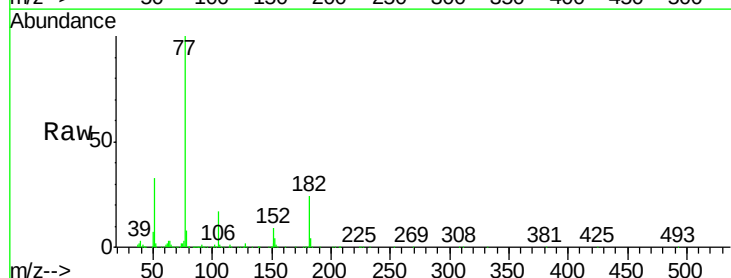
Ion Ratio Lower Upper

77 100

182 24.3 7.4 47.4

105 16.5 0.3 40.3

51 33.3 11.6 51.6

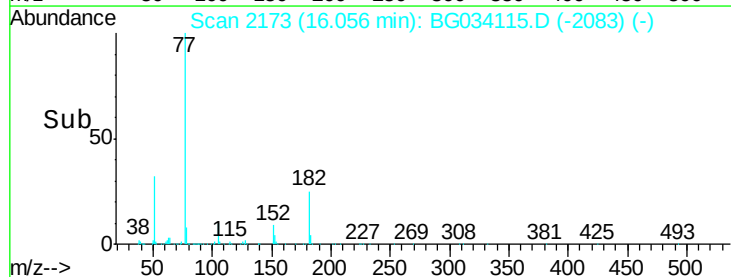
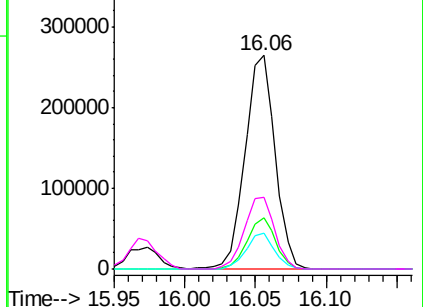


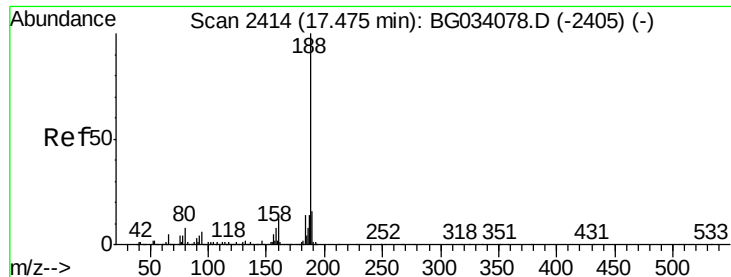
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampled :

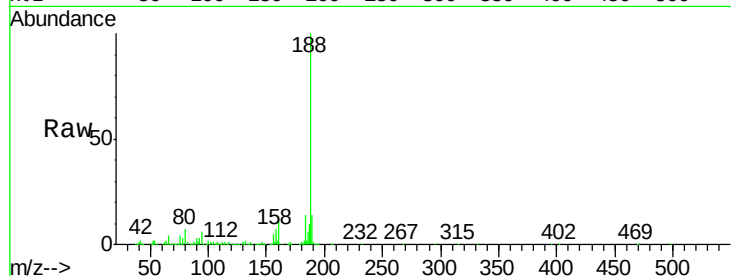
Tot Ion:188 Resp: 554337

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

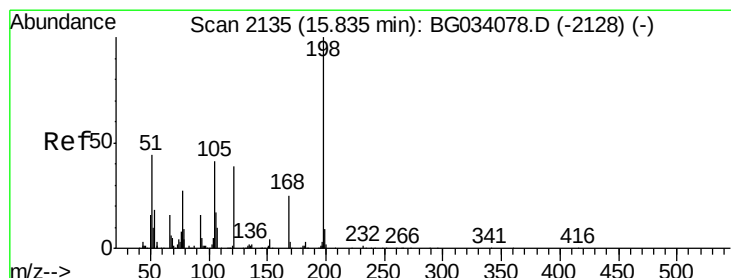
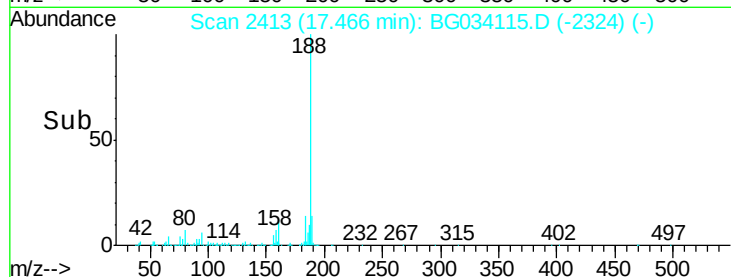
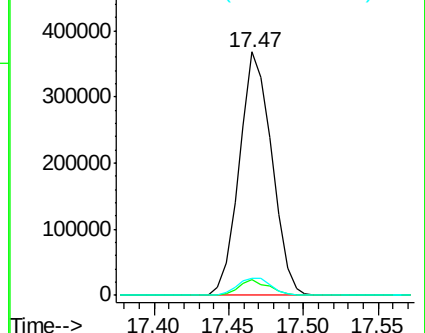
80 7.2 7.7 11.5#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 17.966 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

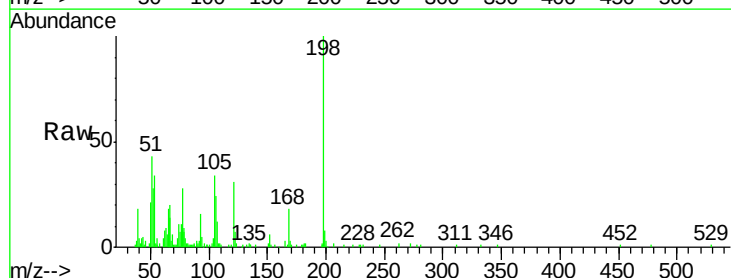
Tgt Ion:198 Resp: 46827

Ion Ratio Lower Upper

198 100

51 43.4 30.6 70.6

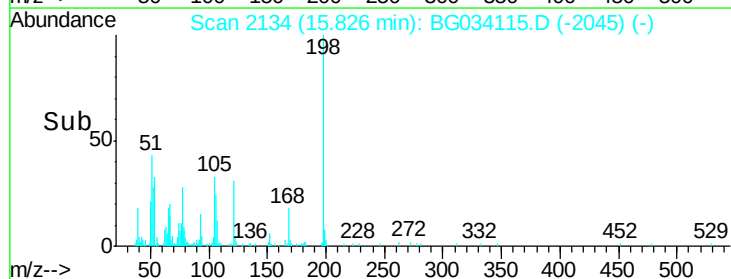
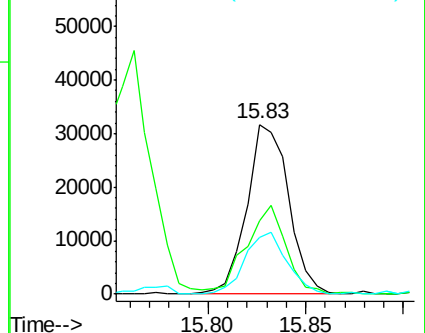
105 33.8 23.8 63.8

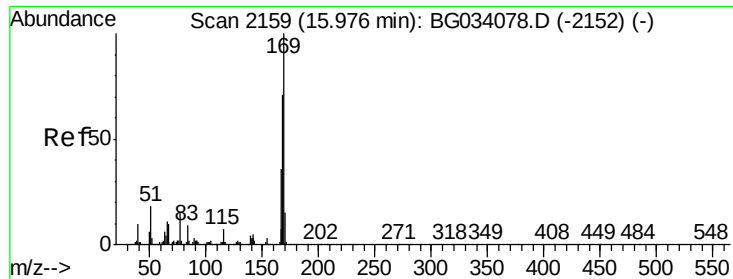


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

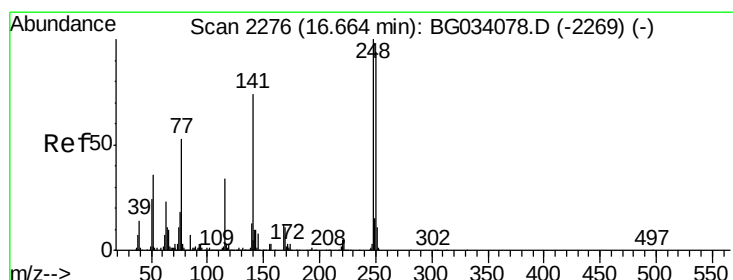
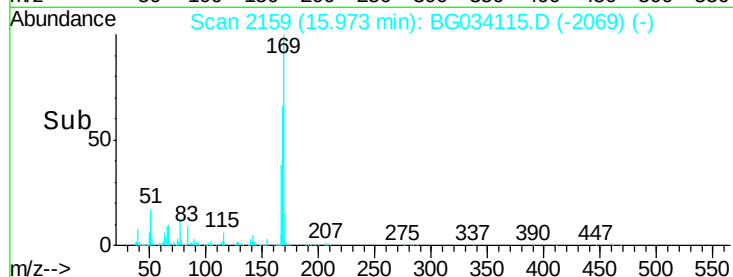
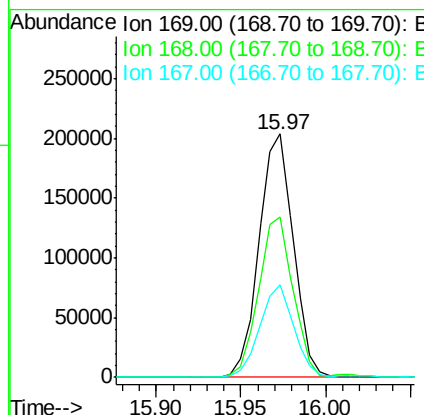
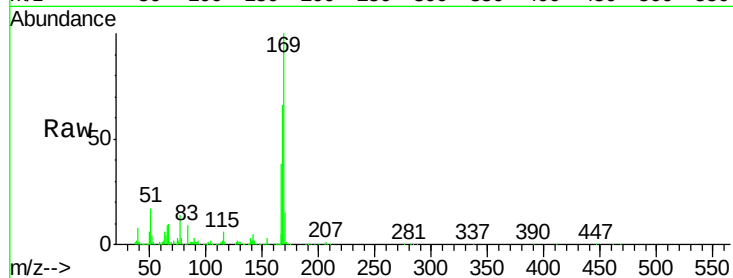




#65
 n-Nitrosodiphenylamine
 Concen: 19.008 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

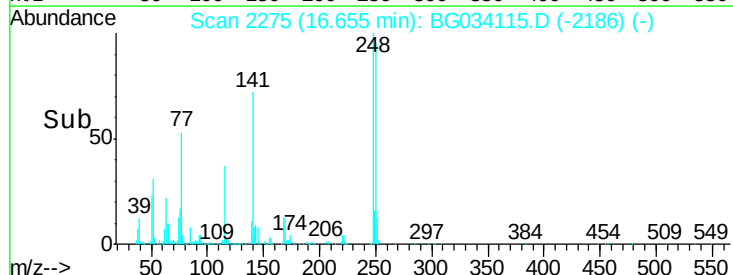
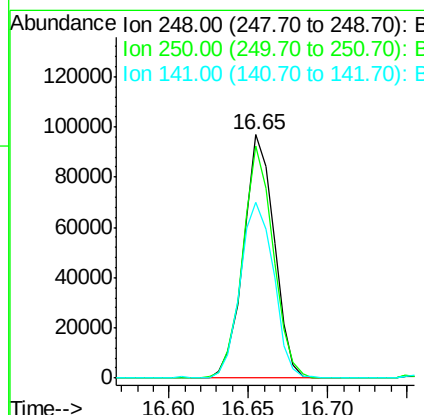
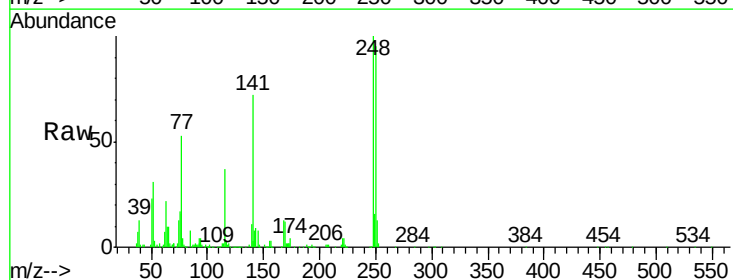
Instrument :
 BNA_G
 ClientSampled :

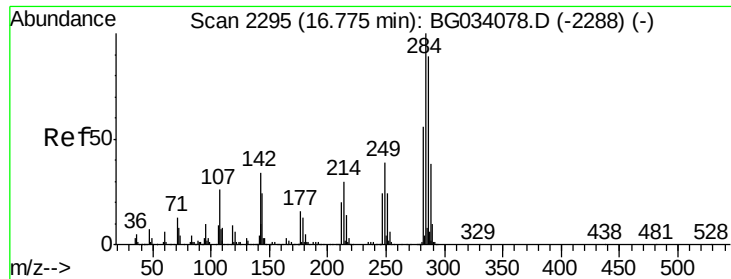
Tot Ion	169	Resp	287307
Ion Ratio	100		
Lower	55.7		
Upper	83.5		
168	65.8		
167	38.0		



#66
 4-Bromophenyl-phenylether
 Concen: 18.960 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion	248	Resp	130490
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
250	95.1		
141	72.1		





#67

Hexachlorobenzene

Concen: 19.672 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

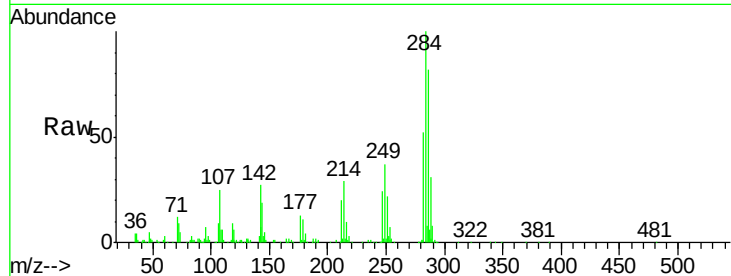
Tot Ion:284 Resp: 137437

Ion Ratio Lower Upper

284 100

142 26.6 26.8 40.2#

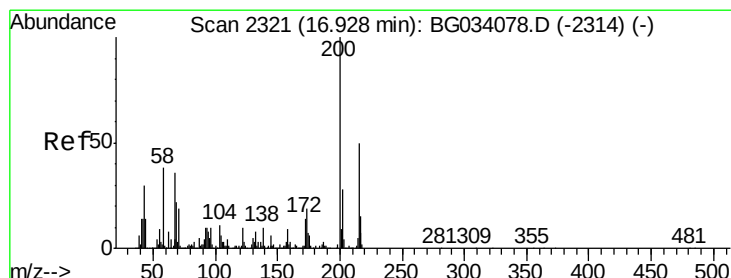
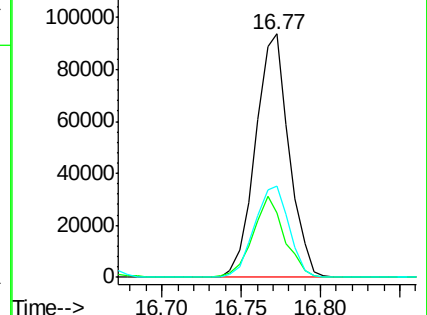
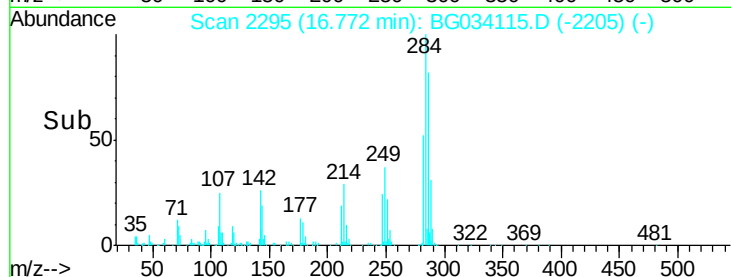
249 37.2 26.3 39.5



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: 10.760 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

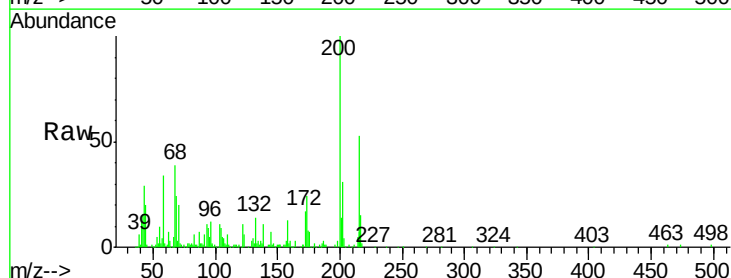
Tgt Ion:200 Resp: 85652

Ion Ratio Lower Upper

200 100

173 24.4 5.2 45.2

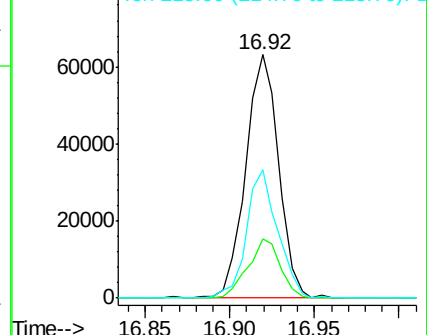
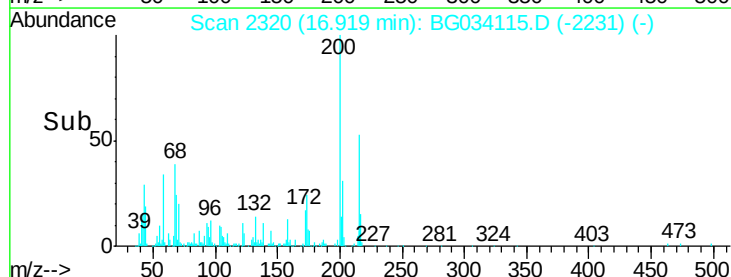
215 52.8 30.4 70.4

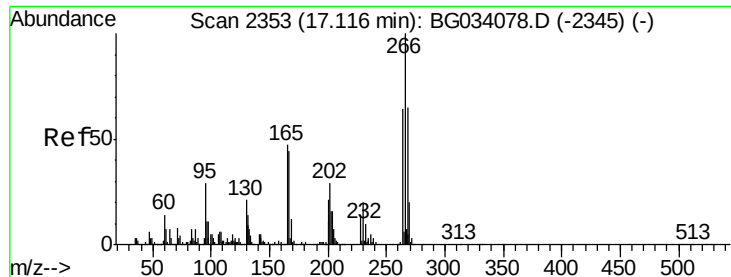


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

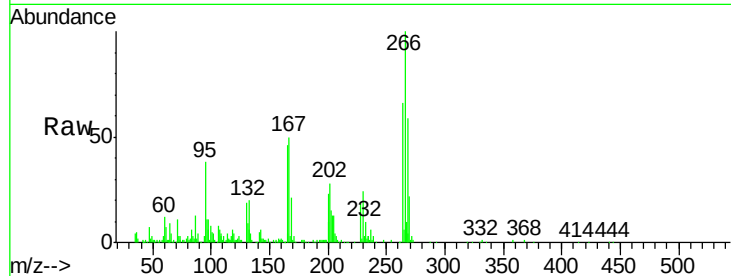




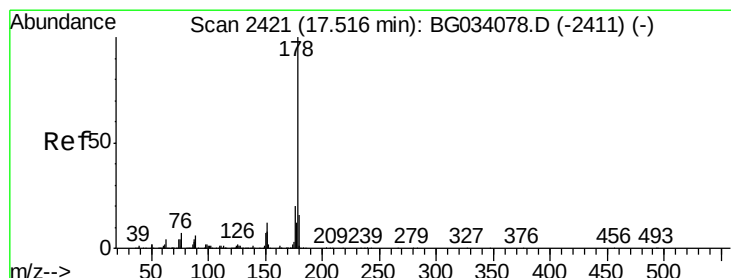
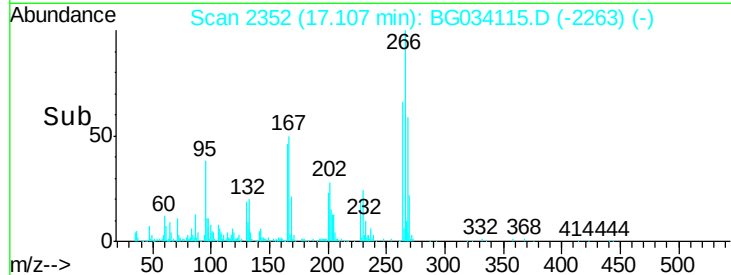
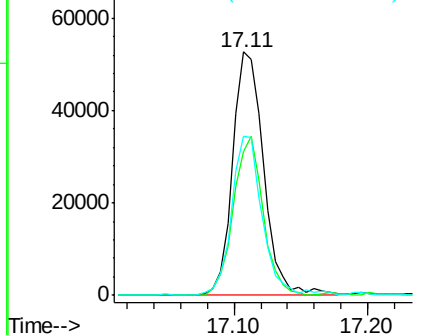
#69
 Pentachlorophenol
 Concen: 17.513 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.2	51.1	76.7
264	65.5	49.6	74.4

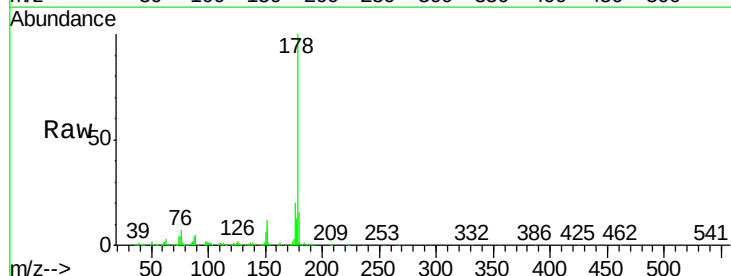


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

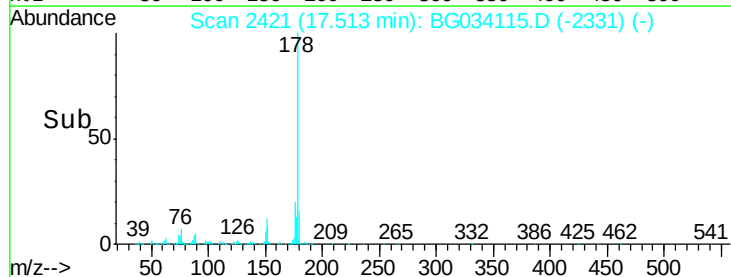
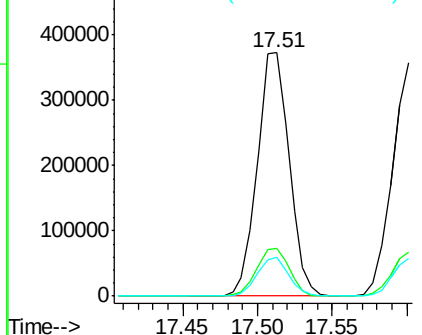


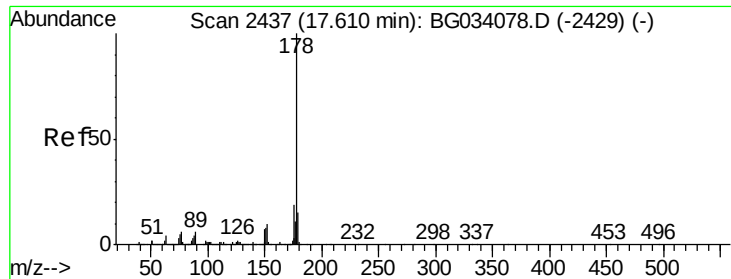
#70
 Phenanthrene
 Concen: 19.369 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.7	12.5	18.7



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





#71

Anthracene

Concen: 19.318 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

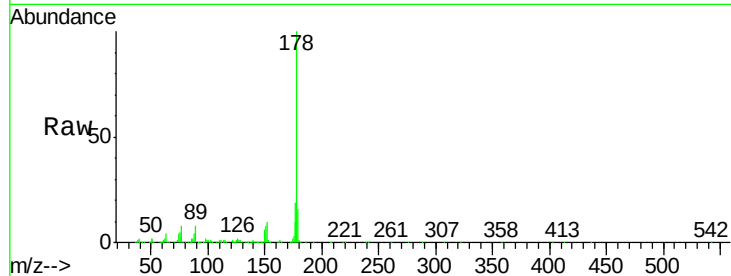
Tot Ion:178 Resp: 557679

Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

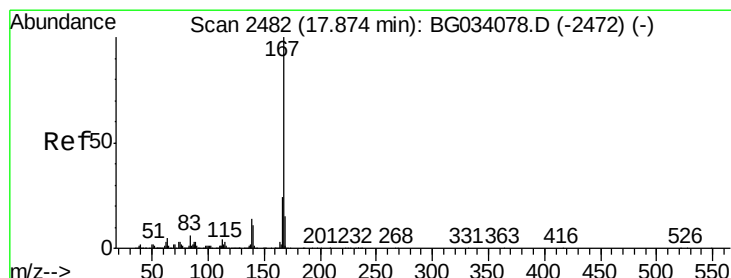
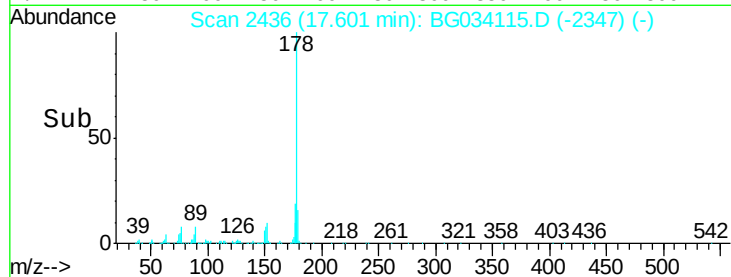
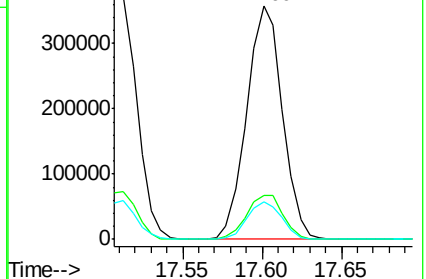
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 19.731 ng

RT: 17.87 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

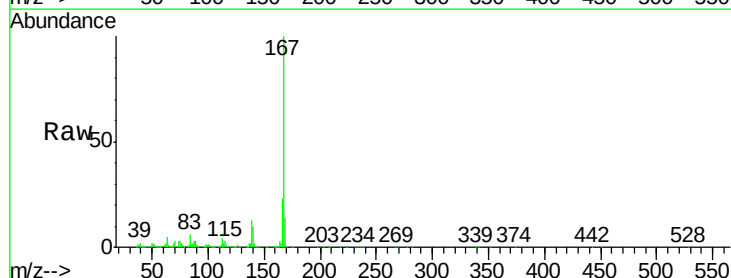
Tgt Ion:167 Resp: 521434

Ion Ratio Lower Upper

167 100

166 23.4 18.2 27.4

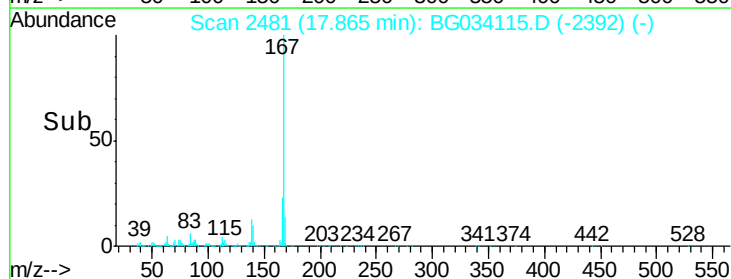
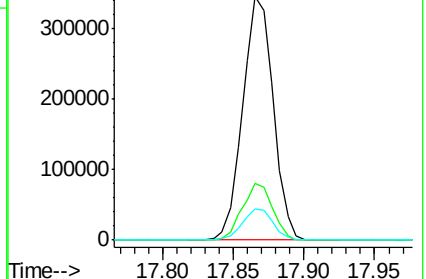
139 12.6 9.4 14.2

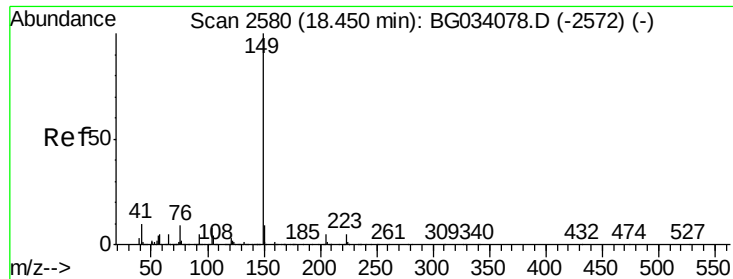


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 19.516 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

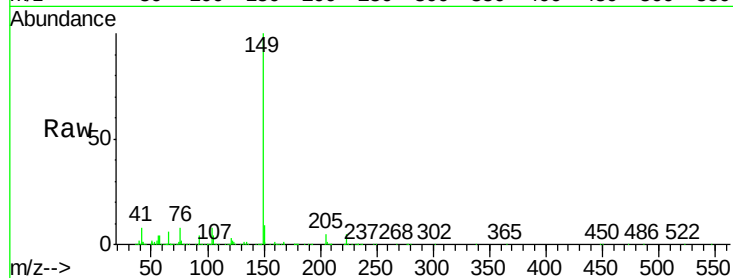
Tot Ion:149 Resp: 620806

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

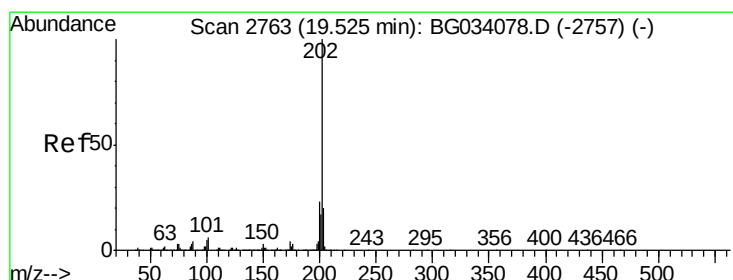
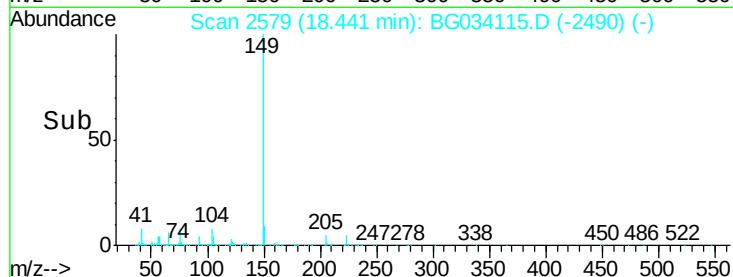
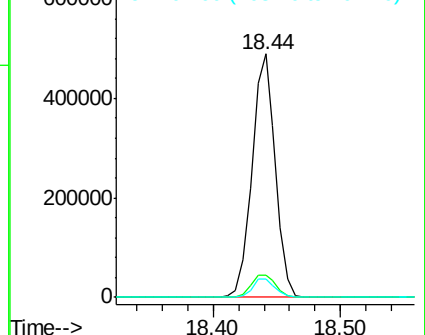
104 7.7 3.9 5.9#



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: 20.111 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

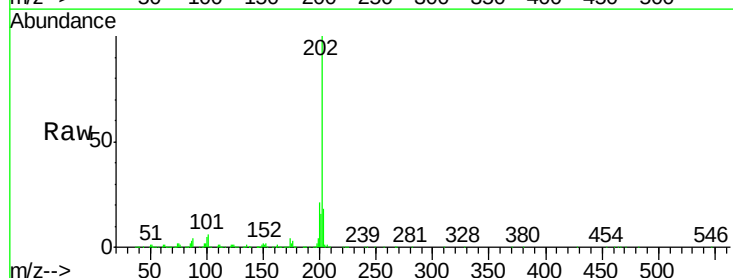
Tgt Ion:202 Resp: 723893

Ion Ratio Lower Upper

202 100

101 5.6 0.0 28.9

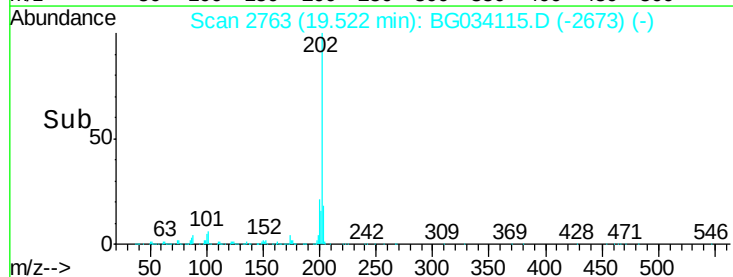
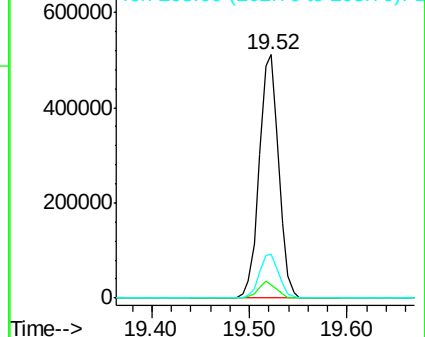
203 18.2 0.0 37.5

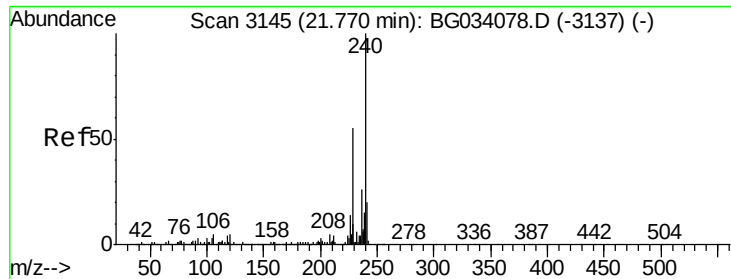


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

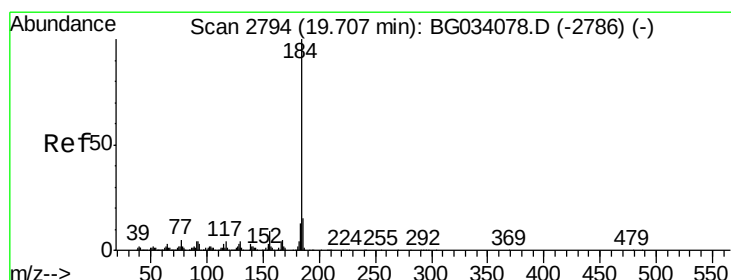
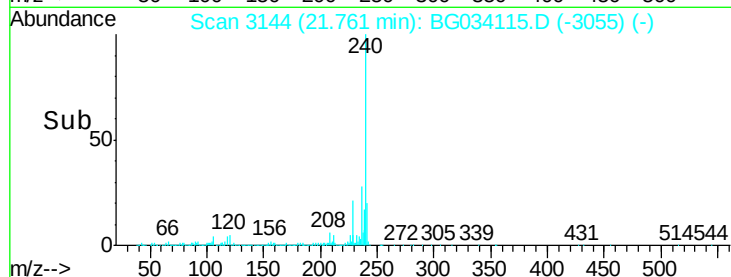
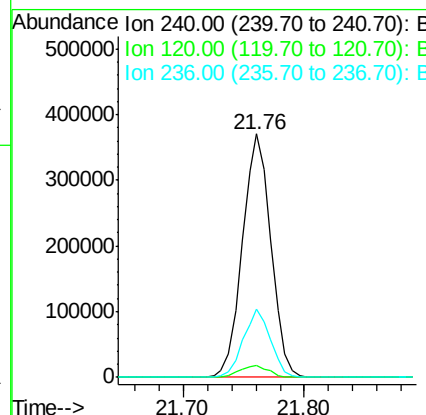
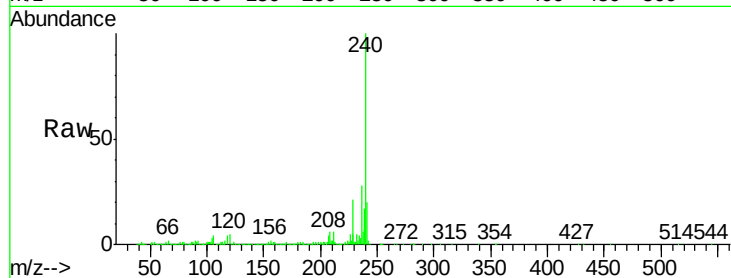




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

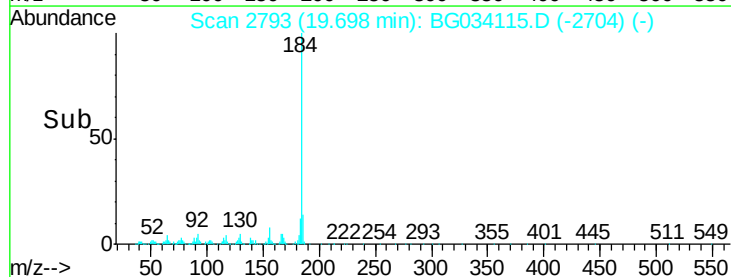
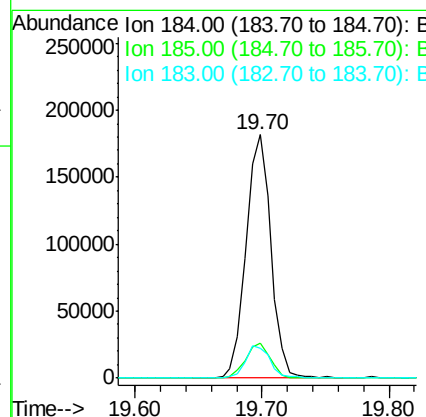
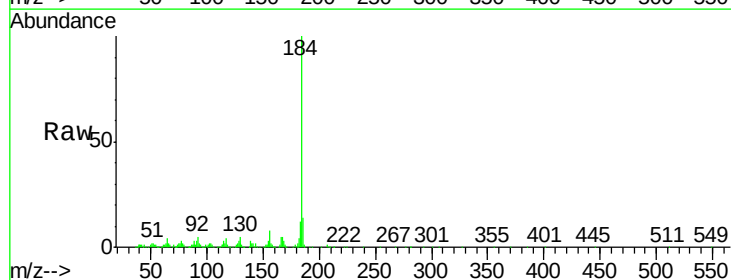
Instrument :
BNA_G
ClientSampled :

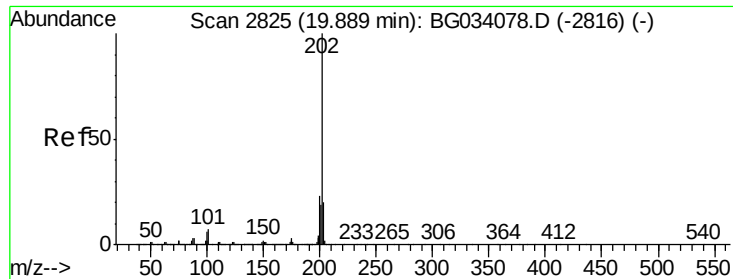
Tot Ion:240 Resp: 607280
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 28.2 20.9 31.3



#76
Benzidine
Concen: 15.787 ng
RT: 19.70 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BG034115.D
Acq: 2 May 2018 14:22

Tgt Ion:184 Resp: 246962
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 12.3 10.6 16.0





#77

Pvrene

Concen: 19.596 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

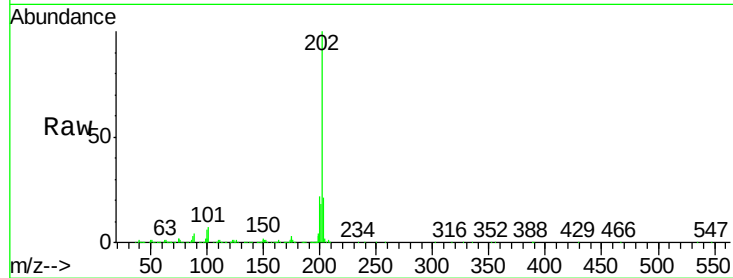
Tot Ion:202 Resp: 745574

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

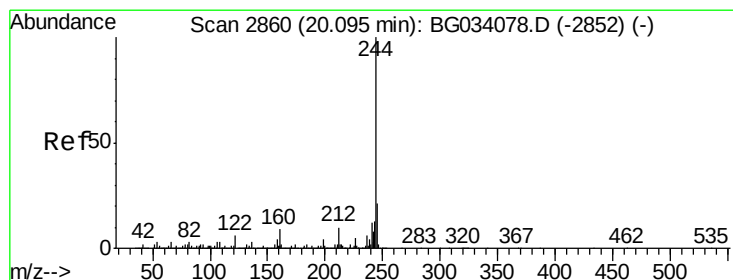
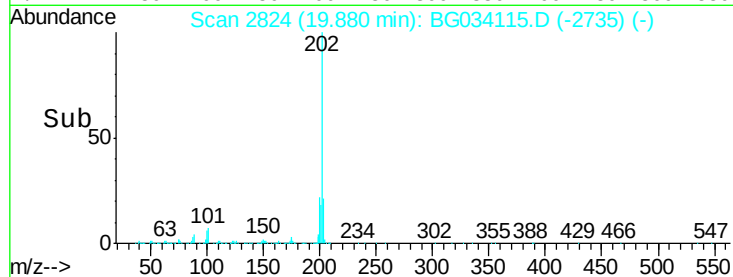
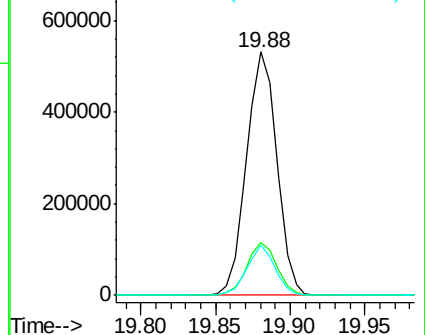
203 20.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.983 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

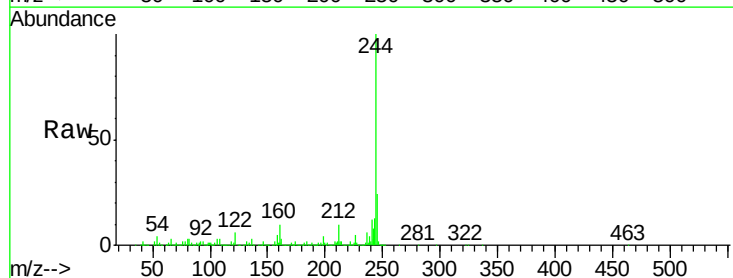
Tgt Ion:244 Resp: 2244938

Ion Ratio Lower Upper

244 100

212 10.4 5.8 8.8#

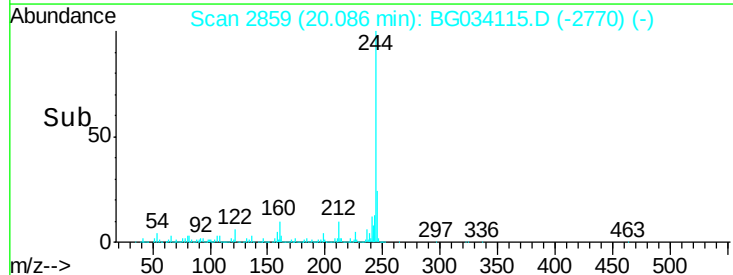
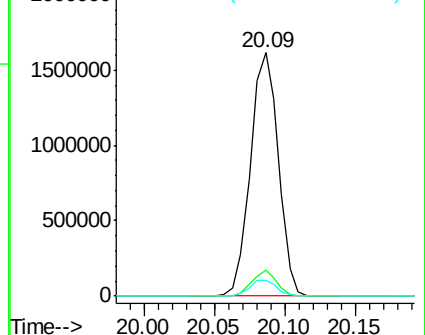
122 6.3 7.0 10.4#

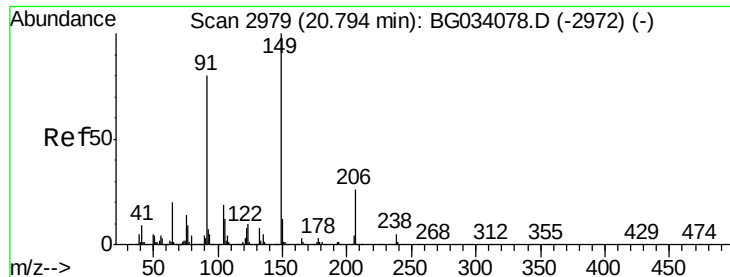


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 19.278 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

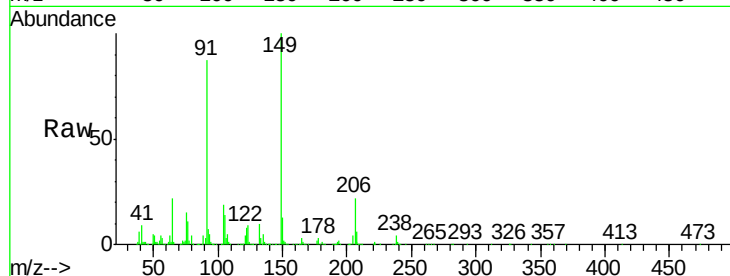
Tot Ion:149 Resp: 286341

Ion Ratio Lower Upper

149 100

91 87.2 62.2 93.2

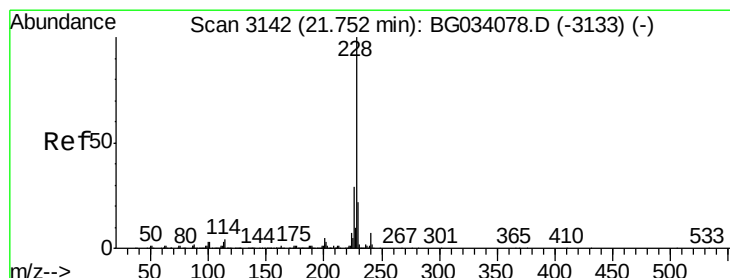
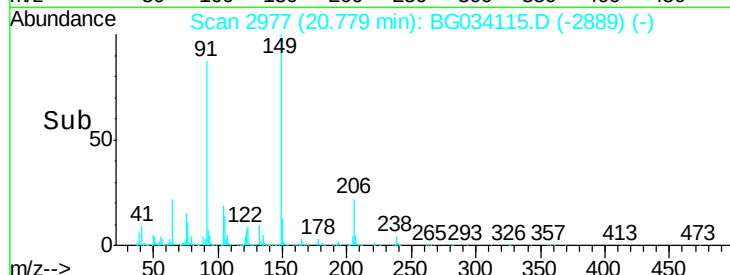
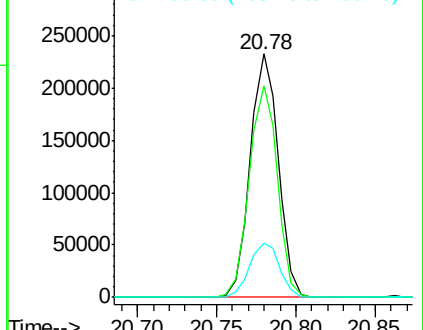
206 22.4 18.6 27.8



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: 19.928 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

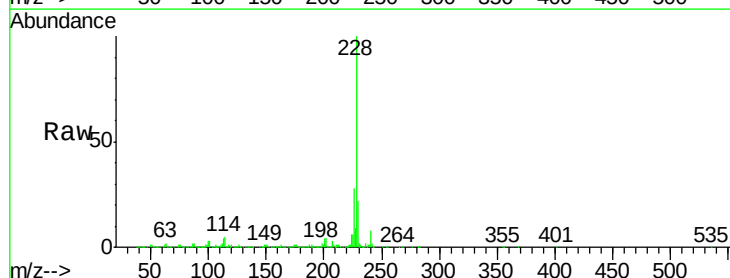
Tgt Ion:228 Resp: 775561

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

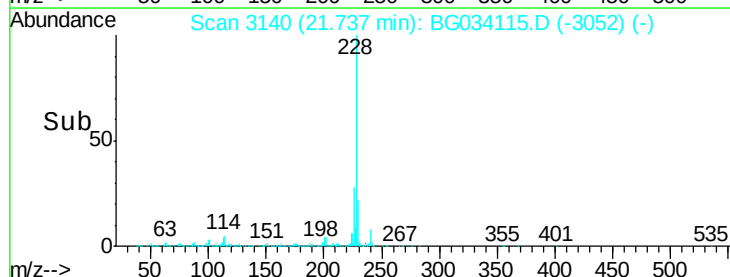
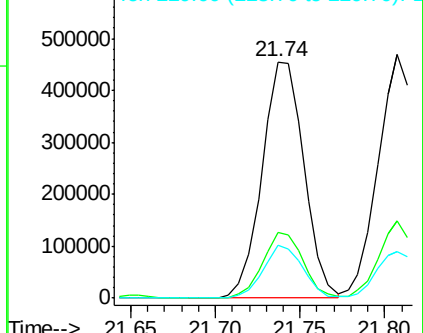
229 22.3 16.2 24.2

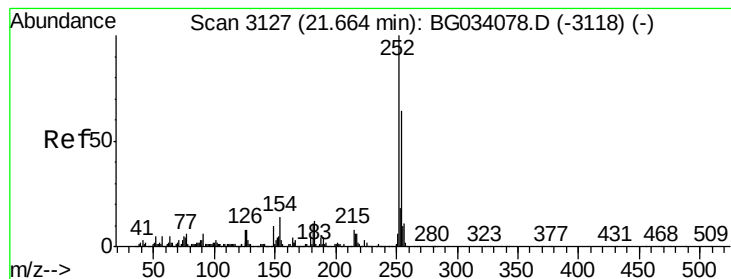


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

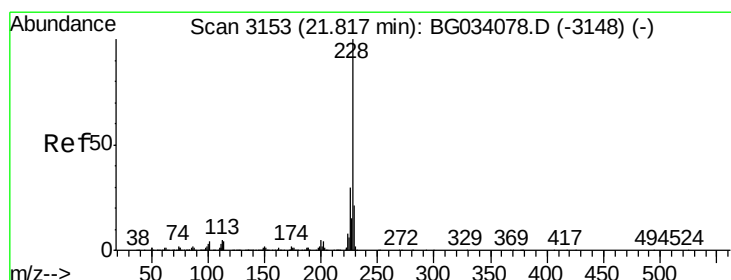
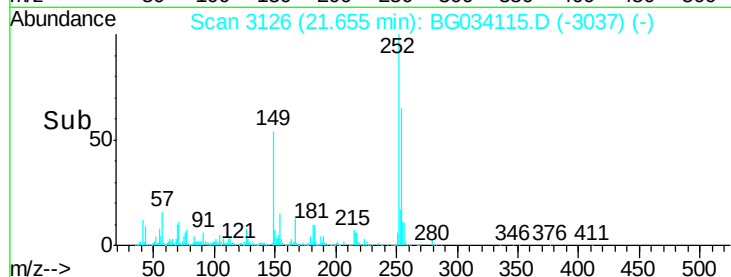
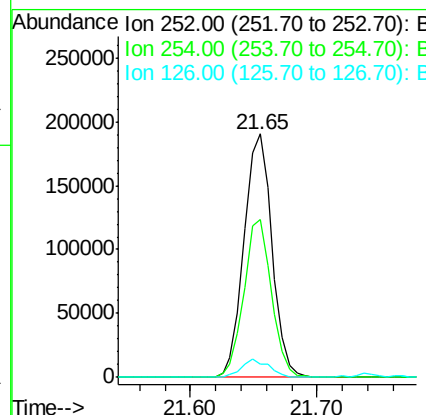
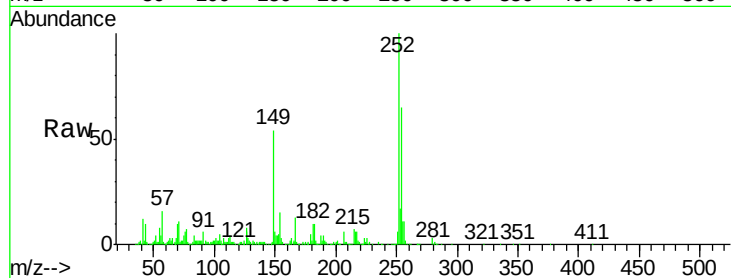




#81
 3,3'-Dichlorobenzidine
 Concen: 19.789 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

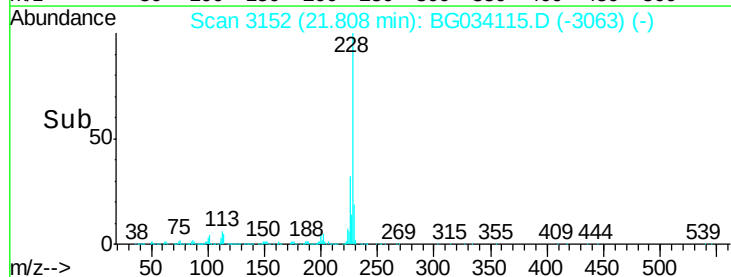
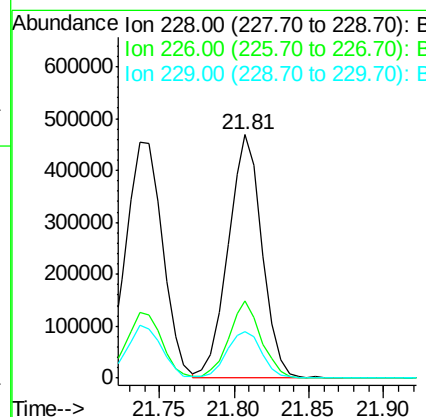
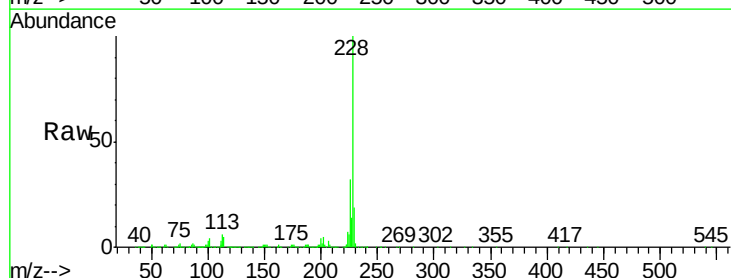
Instrument :
 BNA_G
 ClientSampleId :

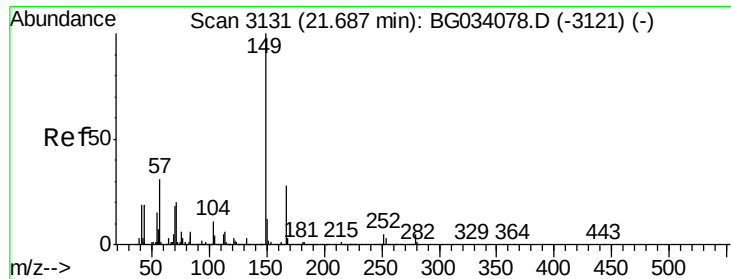
Tot Ion:252 Resp: 291243
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.8 76.2
 126 5.5 7.4 11.2#



#82
 Chrysene
 Concen: 19.893 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion:228 Resp: 741037
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 18.9 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 19.211 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

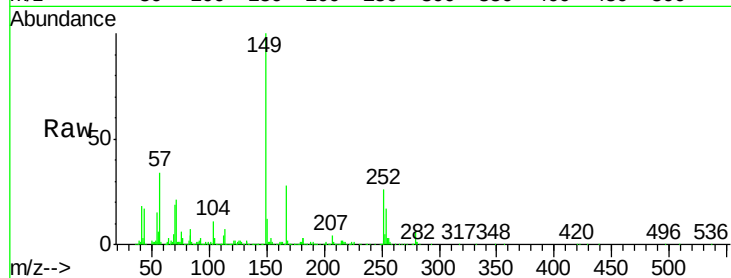
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 392721

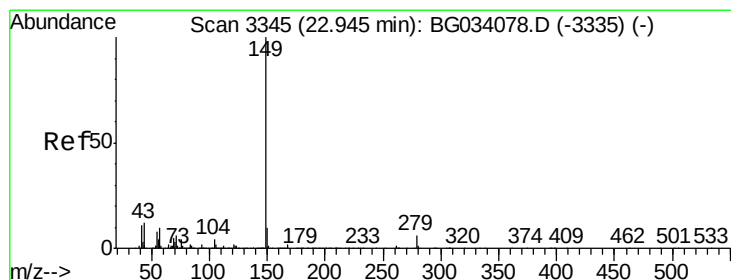
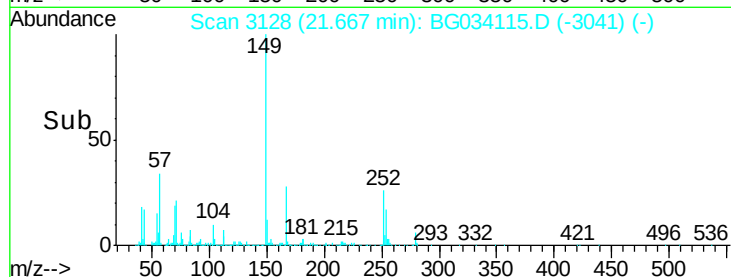
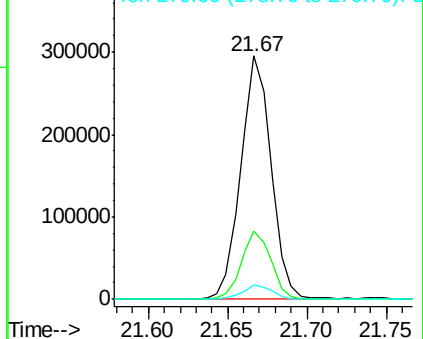
Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.3	36.5
279	5.9	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 19.126 ng

RT: 22.92 min Scan# 3341

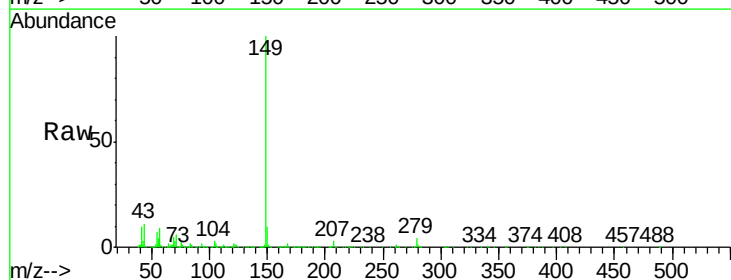
Delta R.T. -0.03 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Tgt Ion:149 Resp: 624457

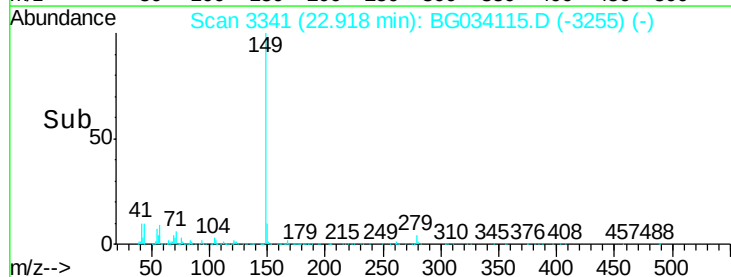
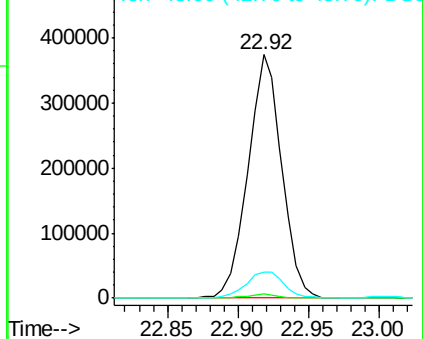
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.0	8.9	13.3

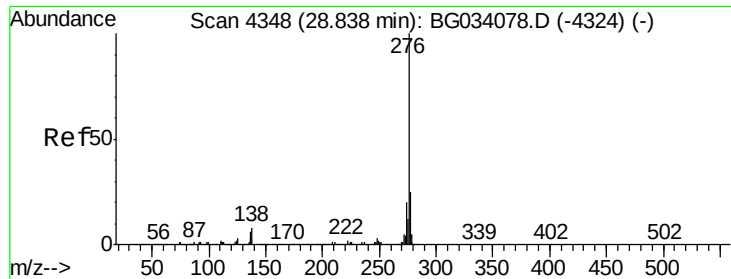


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

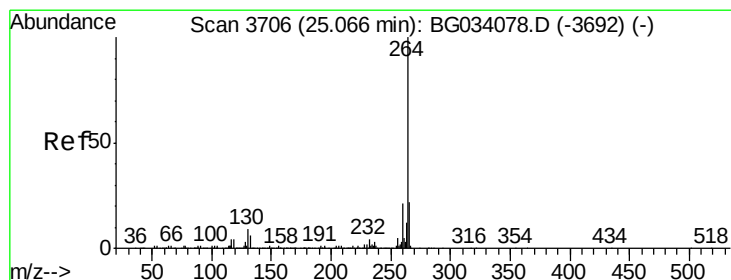
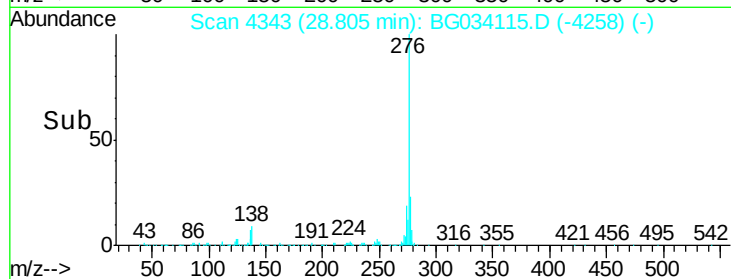
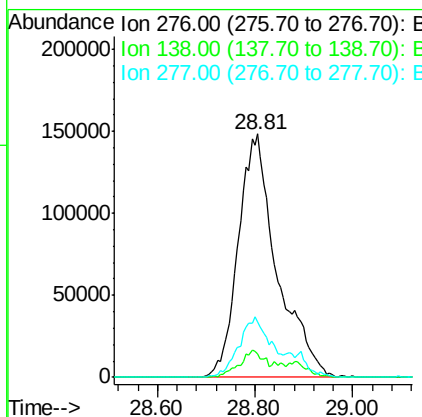
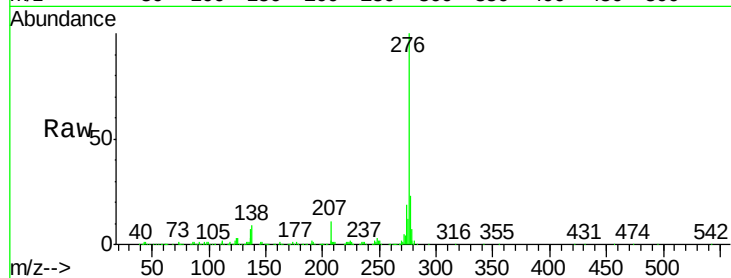




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.884 ng
 RT: 28.81 min Scan# 4343
 Delta R.T. -0.03 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

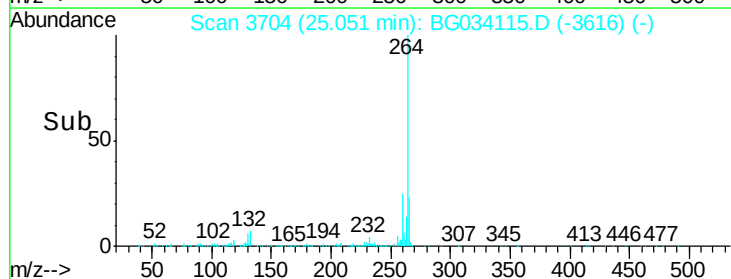
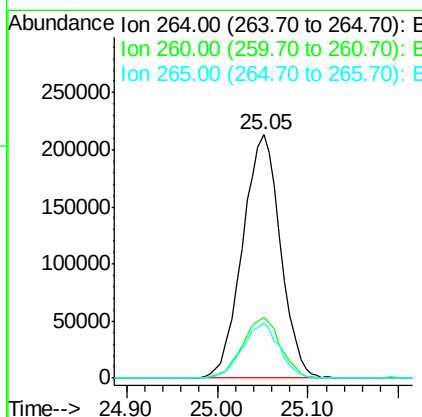
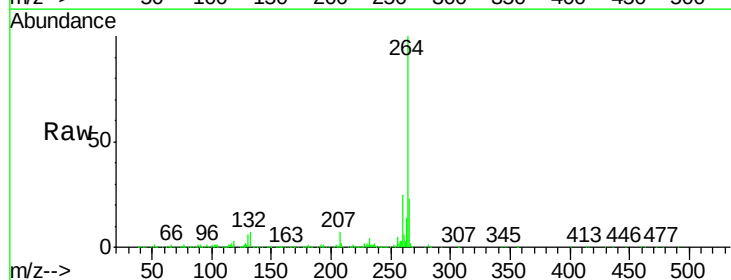
Instrument :
 BNA_G
 ClientSampleId :

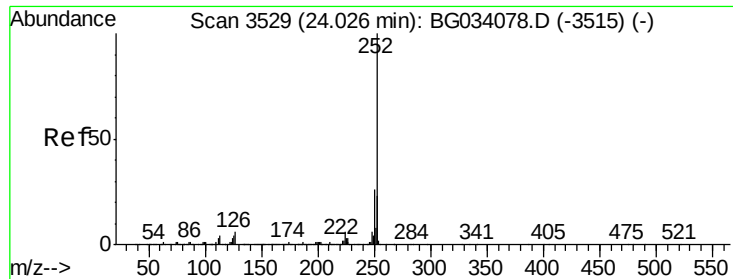
Tot Ion	Ratio	Lower	Upper
276	100		
138	7.4	16.0	24.0#
277	20.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3704
 Delta R.T. -0.01 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 19.635 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.02 min

Lab File: BG034115.D

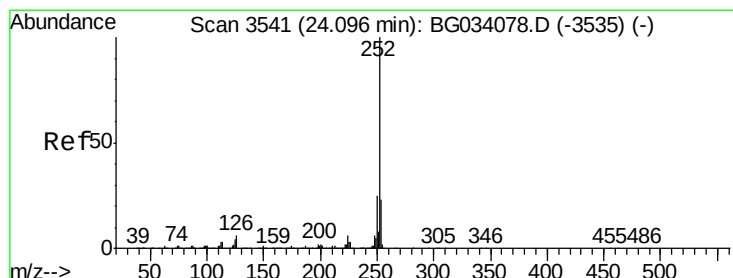
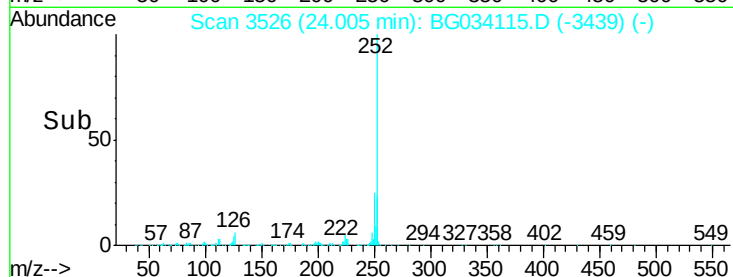
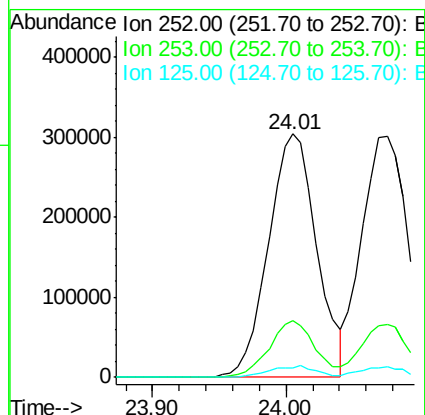
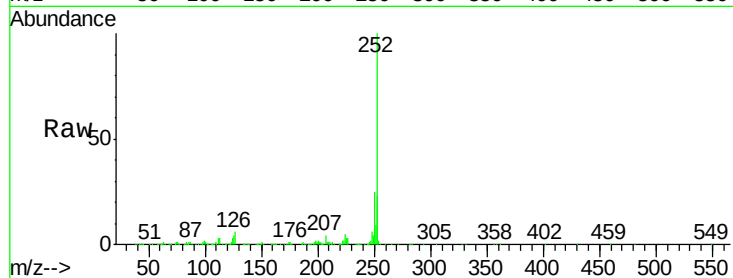
Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	764685
Ion Ratio	Lower	Upper
252	100	
253	23.2	18.2 27.4
125	4.1	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 19.497 ng

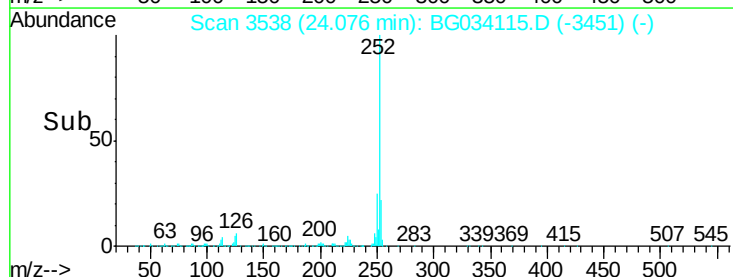
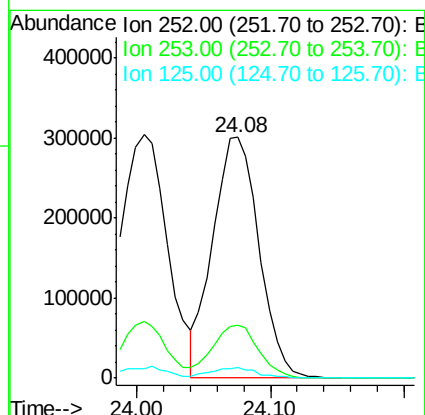
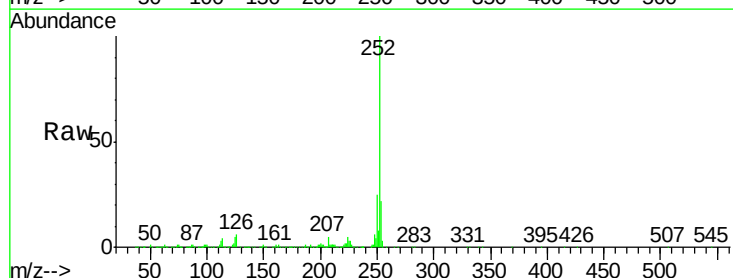
RT: 24.08 min Scan# 3538

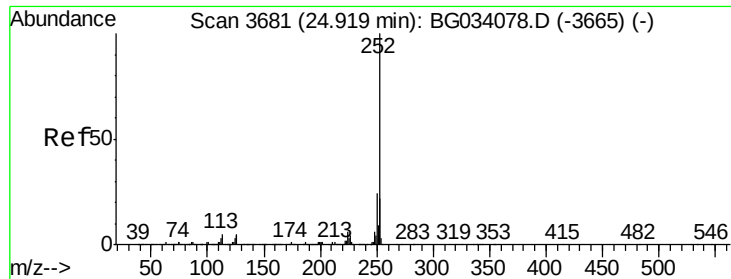
Delta R.T. -0.02 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Tgt Ion:252	Resp:	725711
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.4 26.2
125	4.7	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 19.286 ng

RT: 24.89 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

Instrument :

BNA_G

ClientSampleId :

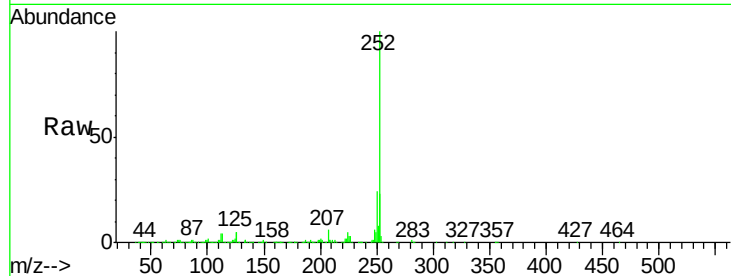
Tot Ion:252 Resp: 702688

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

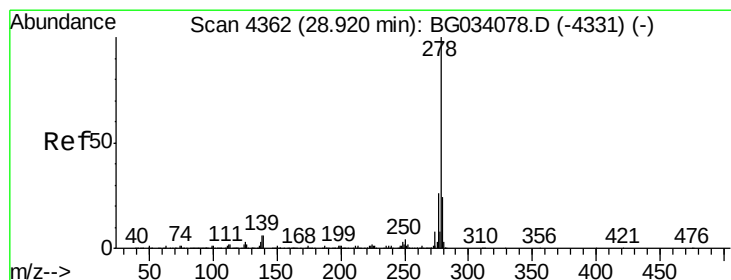
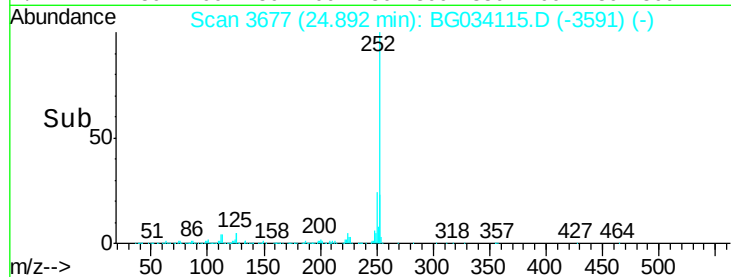
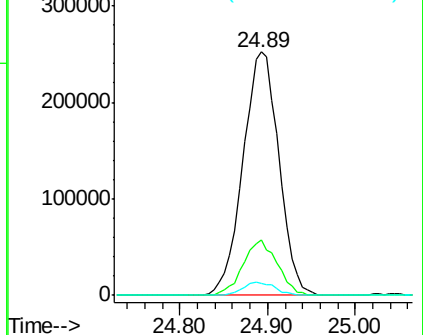
125 5.1 7.3 10.9#



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: 18.991 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.04 min

Lab File: BG034115.D

Acq: 2 May 2018 14:22

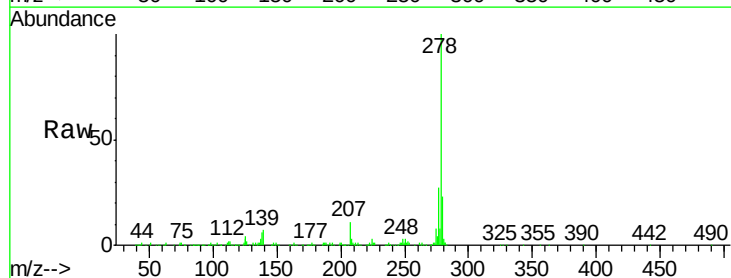
Tgt Ion:278 Resp: 652273

Ion Ratio Lower Upper

278 100

139 6.8 9.8 14.6#

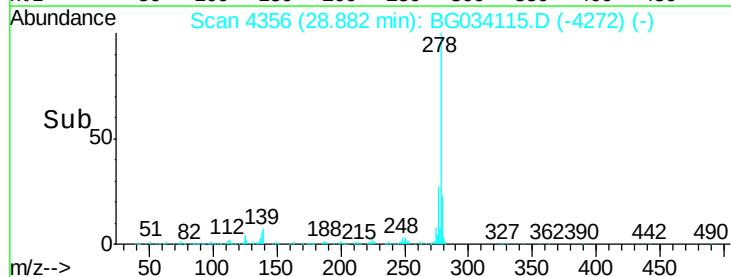
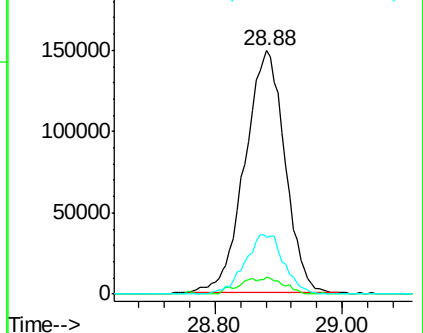
279 23.3 18.4 27.6

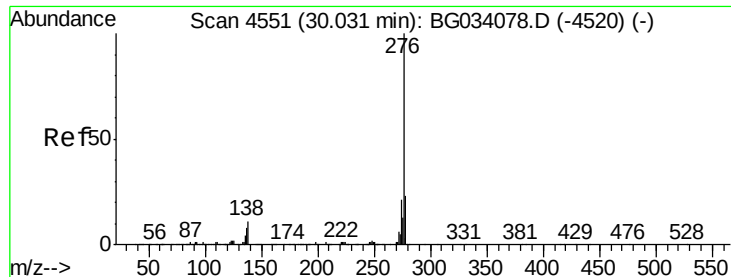


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

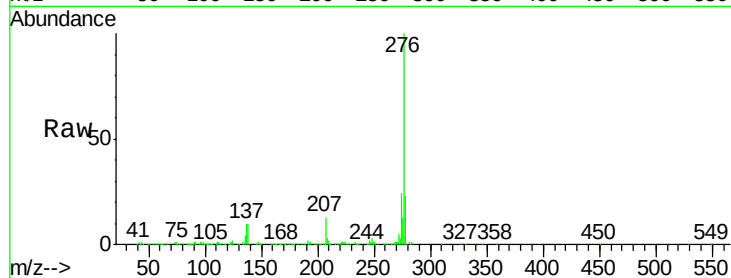




#91
 Benzo(a,h,i)perylene
 Concen: 19.841 ng
 RT: 29.97 min Scan# 4541
 Delta R.T. -0.06 min
 Lab File: BG034115.D
 Acq: 2 May 2018 14:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.3	27.5
138	10.2	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

