

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
 Data File : BG032120.D
 Acq On : 18 Jan 2018 3:20
 Operator : SJ/JU
 Sample : J1021-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 18 05:23:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	53833	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	219798	20.00	ng	-0.03
38) Acenaphthene-d10	15.39	164	153304	20.00	ng	-0.02
63) Phenanthrene-d10	18.12	188	398657	20.00	ng	-0.02
75) Chrysene-d12	22.45	240	455406	20.00	ng	-0.03
86) Perylene-d12	26.15	264	501432	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	416271	141.42	ng	-0.02
7) Phenol-d6	7.85	99	494708	133.45	ng	-0.02
23) Nitrobenzene-d5	9.95	82	351570	108.21	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	416155	164.05	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	1206627	97.59	ng	-0.02
78) Terphenyl-d14	20.65	244	2077319	100.72	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	38539	34.081	ng	# 76
3) Pyridine	4.29	79	103016	34.130	ng	# 83
4) n-Nitrosodimethylamine	4.19	42	59655	56.256	ng	# 86
6) Aniline	8.04	93	84554	18.083	ng	# 94
8) 2-Chlorophenol	8.29	128	166437	50.533	ng	# 80
9) Benzaldehyde	7.84	77	20970	9.763	ng	# 73
10) Phenol	7.88	94	166929	45.713	ng	# 97
11) bis(2-Chloroethyl)ether	8.13	93	136267	46.578	ng	# 81
12) 1,3-Dichlorobenzene	8.63	146	191959	44.531	ng	# 96
13) 1,4-Dichlorobenzene	8.78	146	195655	45.078	ng	# 94
14) 1,2-Dichlorobenzene	9.11	146	191786	45.685	ng	# 95
15) Benzyl Alcohol	8.98	79	149785	55.620	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	9.27	45	143996	48.431	ng	# 80
17) 2-Methylphenol	9.18	107	130602	46.798	ng	# 95
18) Hexachloroethane	9.87	117	65778	49.312	ng	# 83
19) n-Nitroso-di-n-propylamine	9.56	70	116159	50.503	ng	# 87
20) 3+4-Methylphenols	9.52	107	182640	47.242	ng	# 93
22) Acetophenone	9.59	105	252711	50.616	ng	# 88
24) Nitrobenzene	9.99	77	167530	51.696	ng	# 86
25) Isophorone	10.51	82	327558	54.147	ng	# 87
26) 2-Nitrophenol	10.71	139	104198	54.264	ng	# 84
27) 2,4-Dimethylphenol	10.75	122	174485	57.262	ng	# 96
28) bis(2-Chloroethoxy)methane	10.99	93	199855	54.833	ng	# 94
29) 2,4-Dichlorophenol	11.26	162	211405	56.383	ng	# 92
30) 1,2,4-Trichlorobenzene	11.48	180	236947	48.933	ng	# 99
31) Naphthalene	11.68	128	536925	49.312	ng	# 99
32) Benzoic acid	10.87	122	95792	40.153	ng	# 91
33) 4-Chloroaniline	11.77	127	39995	8.566	ng	# 96
34) Hexachlorobutadiene	11.94	225	169816	48.826	ng	# 97
35) Caprolactam	12.52	113	52146	45.843	ng	# 52
36) 4-Chloro-3-methylphenol	12.85	107	198128	57.731	ng	# 83
37) 2-Methylnaphthalene	13.24	142	440455	50.952	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	336042	50.287	ng	# 96
40) Hexachlorocyclopentadiene	13.57	237	373165	99.145	ng	# 92

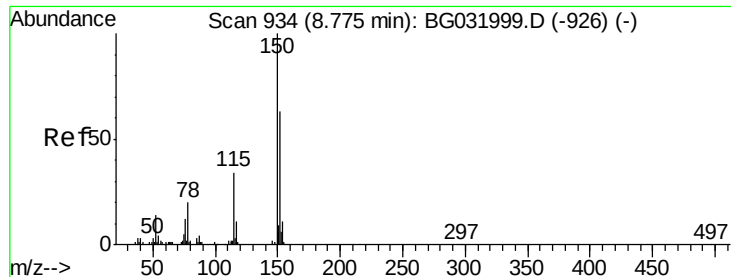
Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
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 BNA_G
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Quant Time: Jan 18 05:23:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	207186	55.179	nq	98
43) 2,4,5-Trichlorophenol	13.90	196	226937	52.216	nq #	91
45) 1,1'-Biphenyl	14.22	154	649259	49.402	nq	93
46) 2-Chloronaphthalene	14.28	162	494224	48.340	nq	96
47) 2-Nitroaniline	14.46	65	116181	59.359	nq #	77
48) Acenaphthylene	15.11	152	727149	46.705	nq	97
49) Dimethylphthalate	14.81	163	679081	50.620	nq #	98
50) 2,6-Dinitrotoluene	14.94	165	152367	54.718	nq #	74
51) Acenaphthene	15.44	154	554759	53.887	nq	97
52) 3-Nitroaniline	15.27	138	50668	20.146	nq #	67
53) 2,4-Dinitrophenol	15.47	184	158429	110.511	nq #	72
54) Dibenzofuran	15.77	168	784445	51.079	nq	99
55) 4-Nitrophenol	15.56	139	206146	112.474	nq #	80
56) 2,4-Dinitrotoluene	15.72	165	215938	57.600	nq #	66
57) Fluorene	16.42	166	634869	50.405	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.99	232	245045	60.949	nq #	85
59) Diethylphthalate	16.16	149	669599	51.486	nq	95
60) 4-Chlorophenyl-phenylether	16.40	204	408109	52.820	nq	92
61) 4-Nitroaniline	16.43	138	106566	44.172	nq	89
62) Azobenzene	16.69	77	434743	53.407	nq	88
64) 4,6-Dinitro-2-methylphenol	16.47	198	114006	45.017	nq #	73
65) n-Nitrosodiphenylamine	16.61	169	597971	49.432	nq	99
66) 4-Bromophenyl-phenylether	17.29	248	298419	52.611	nq	97
67) Hexachlorobenzene	17.42	284	295342	47.064	nq #	91
68) Atrazine	17.54	200	273708	53.802	nq	96
69) Pentachlorophenol	17.75	266	376374	93.832	nq	99
70) Phenanthrene	18.16	178	1077254	48.534	nq	98
71) Anthracene	18.25	178	1099443	49.664	nq	99
72) Carbazole	18.51	167	940979	48.999	nq	99
73) Di-n-butylphthalate	19.02	149	1087632	47.929	nq	100
74) Fluoranthene	20.12	202	1349418	48.557	nq	94
76) Benzidine	20.28	184	219737	19.296	nq	98
77) Pyrene	20.48	202	1358768	47.462	nq	96
79) Butylbenzylphthalate	21.34	149	493637	48.126	nq #	78
80) Benzo(a)anthracene	22.43	228	1434643	50.655	nq	99
81) 3,3'-Dichlorobenzidine	22.32	252	227994	21.550	nq #	95
82) Chrysene	22.51	228	1346522	49.505	nq	98
83) Bis(2-ethylhexyl)phthalate	22.27	149	708118	47.078	nq #	98
84) Di-n-octyl phthalate	23.65	149	1212095	50.738	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.46	276	1842102	55.341	nq #	88
87) Benzo(b)fluoranthene	24.97	252	1564667	51.624	nq #	96
88) Benzo(k)fluoranthene	25.05	252	1486401	50.188	nq #	96
89) Benzo(a)pyrene	25.99	252	1509573	52.651	nq #	97
90) Dibenzo(a,h)anthracene	30.53	278	1527472	55.286	nq #	94
91) Benzo(g,h,i)perylene	31.81	276	1513465	53.595	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

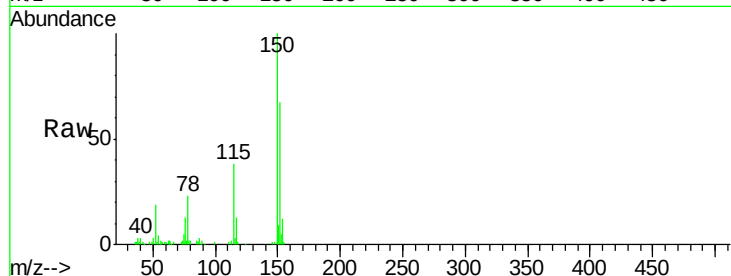
Tot Ion:152 Resp: 53833

Ion Ratio Lower Upper

152 100

150 150.1 126.6 189.8

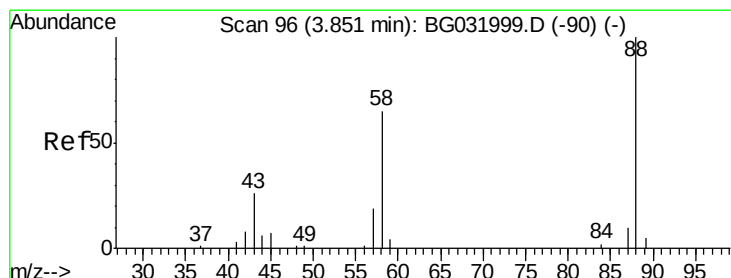
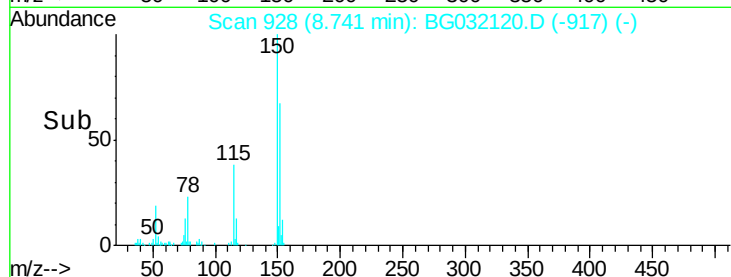
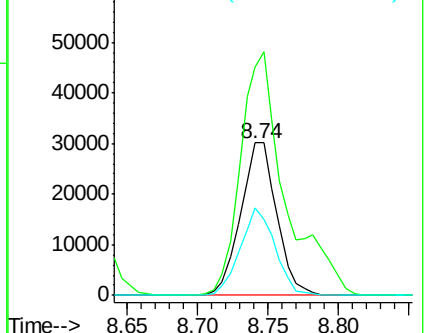
115 57.5 53.0 79.4



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: 34.081 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

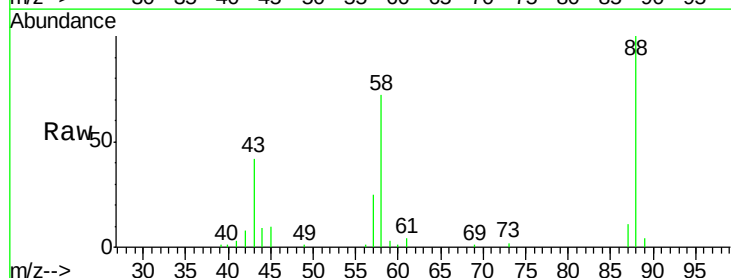
Tgt Ion: 88 Resp: 38539

Ion Ratio Lower Upper

88 100

58 70.4 79.6 119.4#

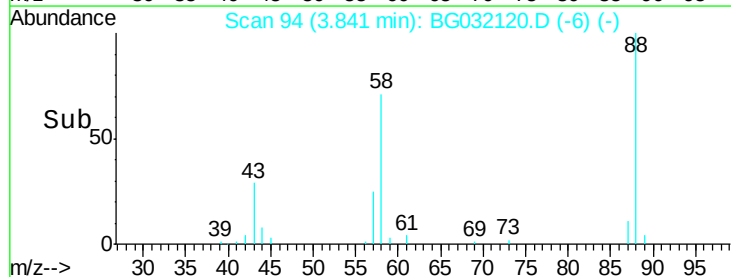
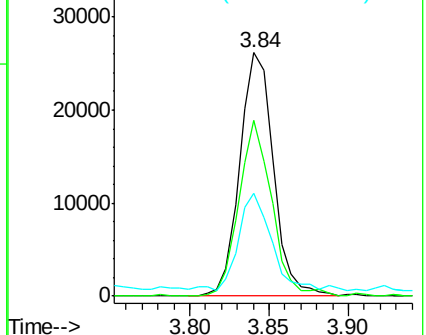
43 39.7 27.4 41.0

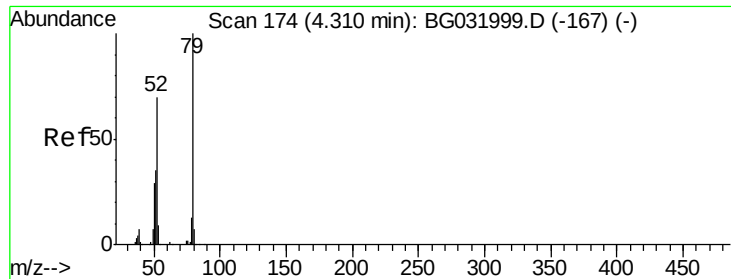


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.130 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

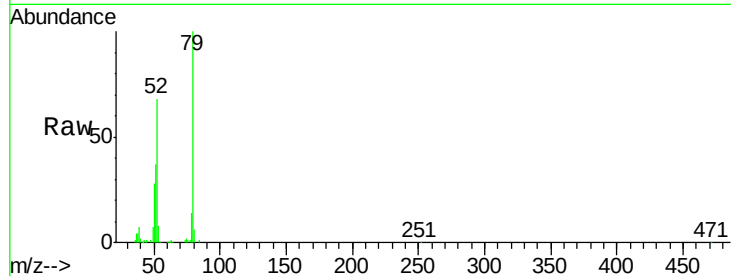
Tot Ion: 79 Resp: 103016

Ion Ratio Lower Upper

79 100

52 67.8 69.9 104.9#

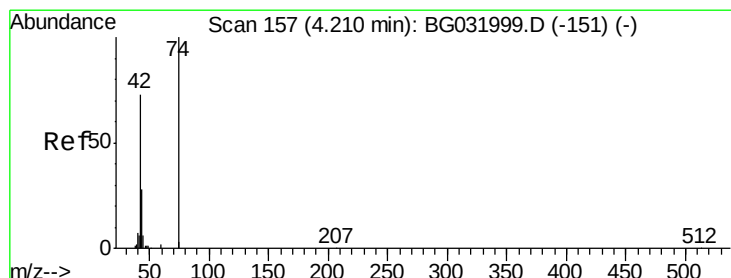
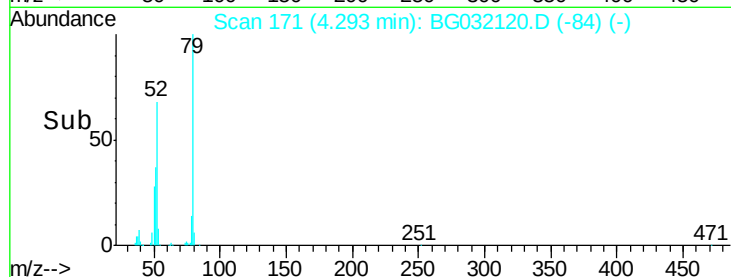
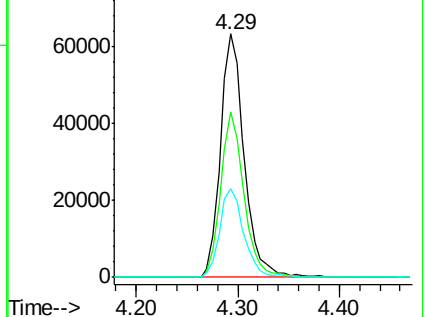
51 36.7 34.0 51.0



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: 56.256 ng

RT: 4.19 min Scan# 154

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

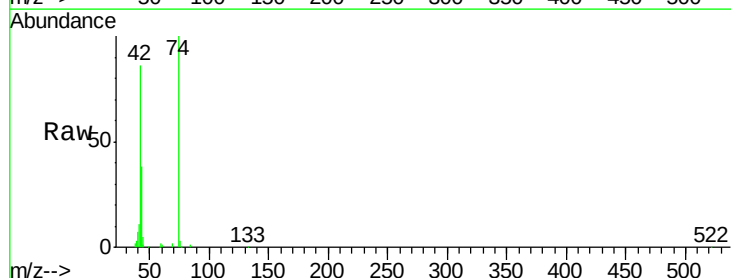
Tgt Ion: 42 Resp: 59655

Ion Ratio Lower Upper

42 100

74 116.5 102.5 153.7

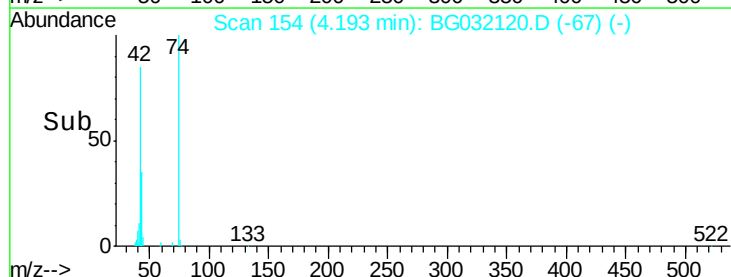
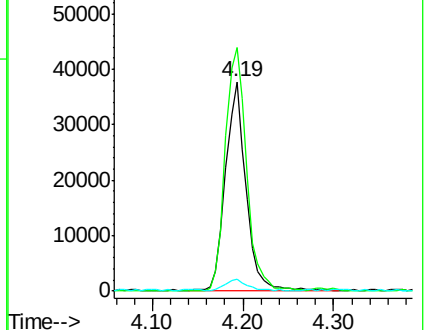
44 5.4 18.9 28.3#

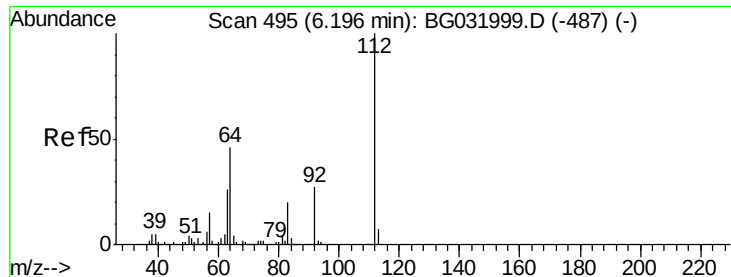


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.425 ng

RT: 6.17 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

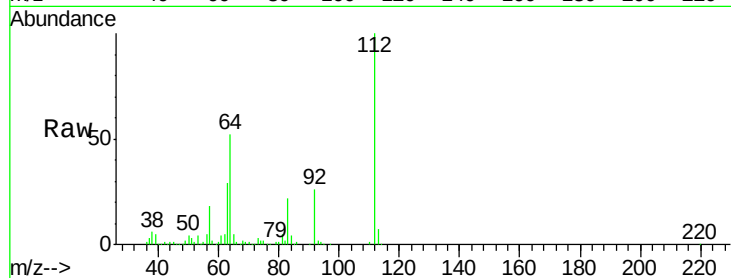
Tot Ion:112 Resp: 416271

Ion Ratio Lower Upper

112 100

64 51.6 56.3 84.5#

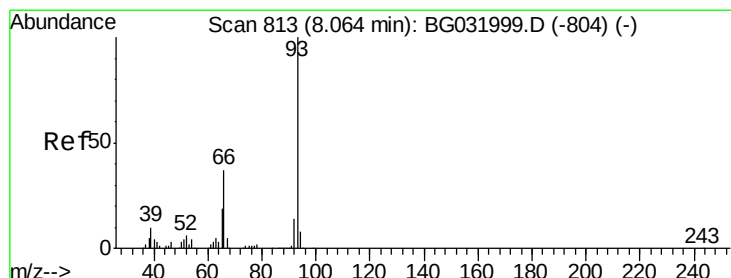
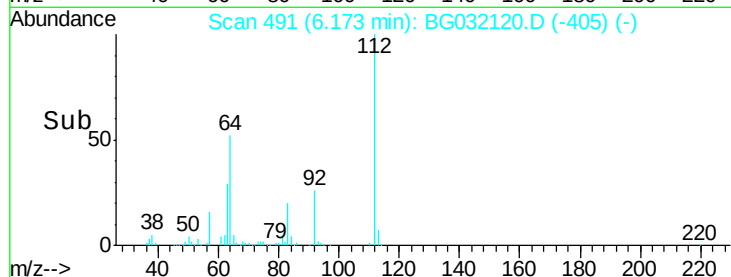
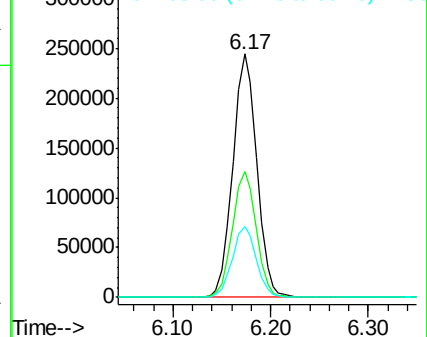
63 29.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.083 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

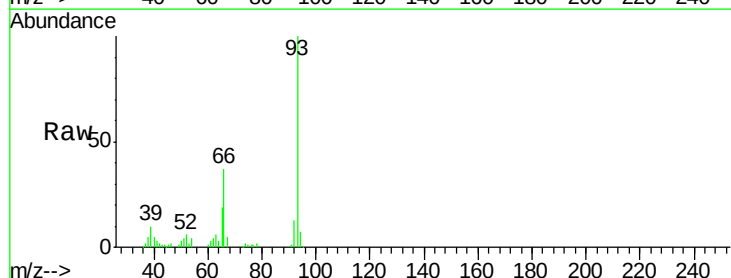
Tgt Ion: 93 Resp: 84554

Ion Ratio Lower Upper

93 100

66 36.9 33.7 50.5

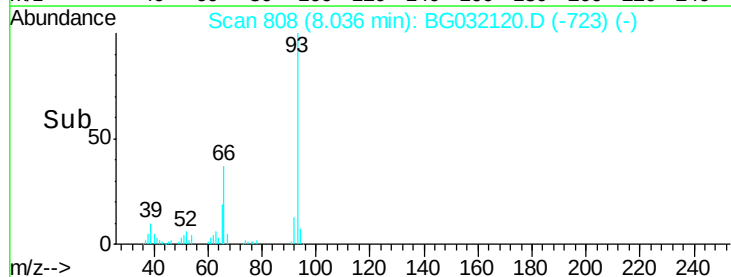
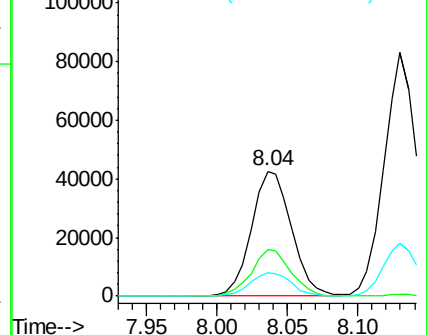
65 18.8 16.1 24.1

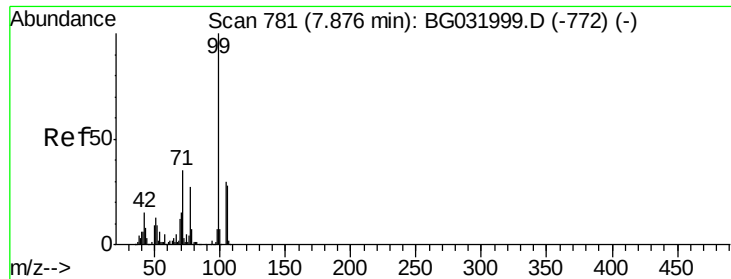


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.451 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

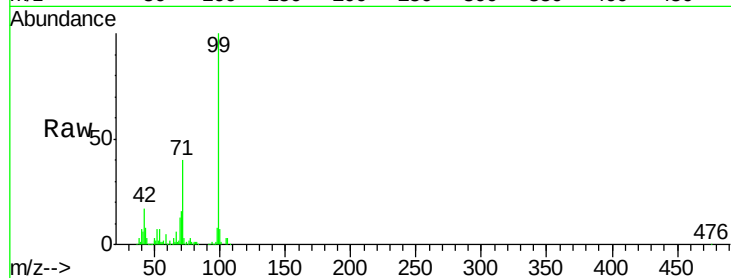
Tot Ion: 99 Resp: 494708

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

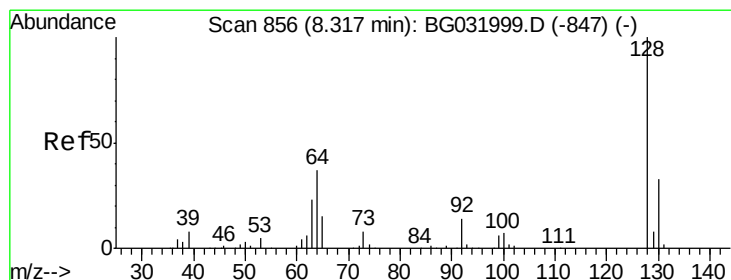
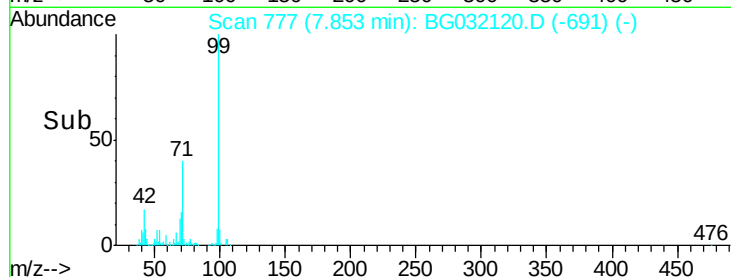
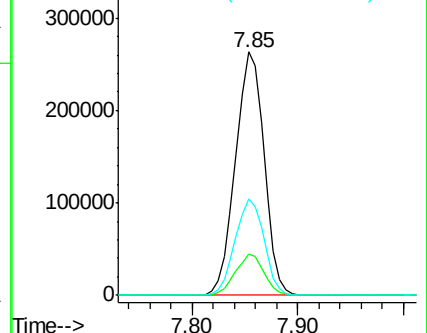
71 39.7 26.1 39.1#



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: 50.533 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

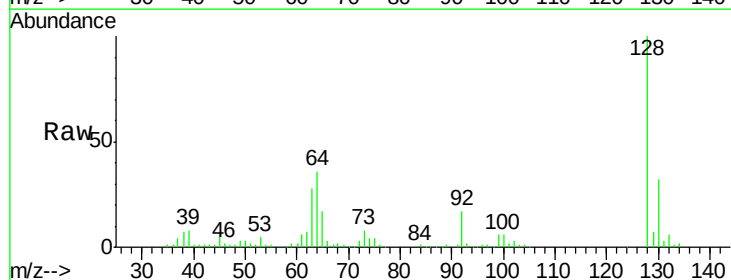
Tgt Ion: 128 Resp: 166437

Ion Ratio Lower Upper

128 100

130 32.0 14.0 54.0

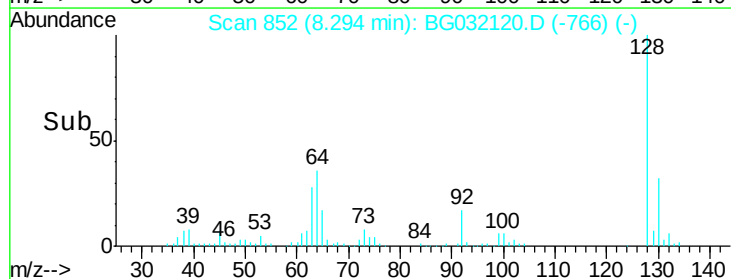
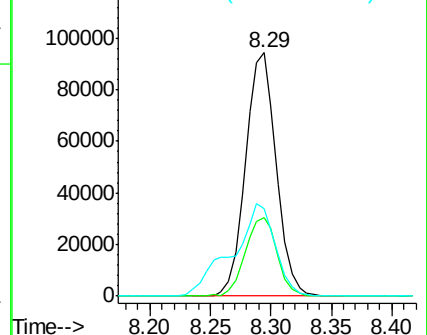
64 36.0 37.7 77.7#

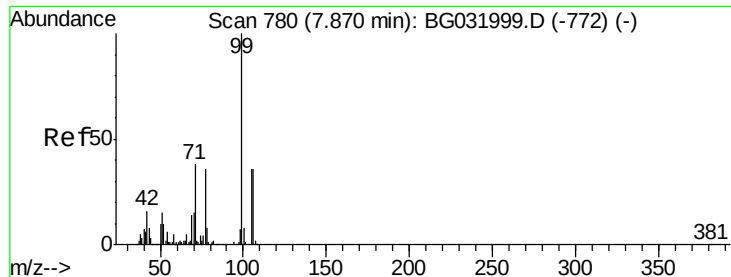


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 9.763 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampled :

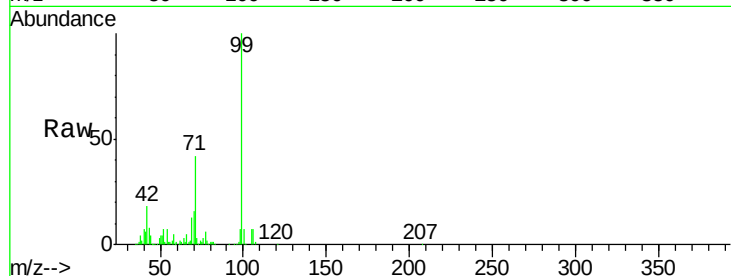
Tot Ion: 77 Resp: 20970

Ion Ratio Lower Upper

77 100

105 115.8 71.3 111.3#

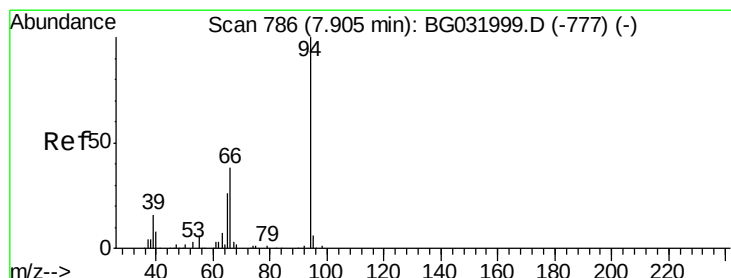
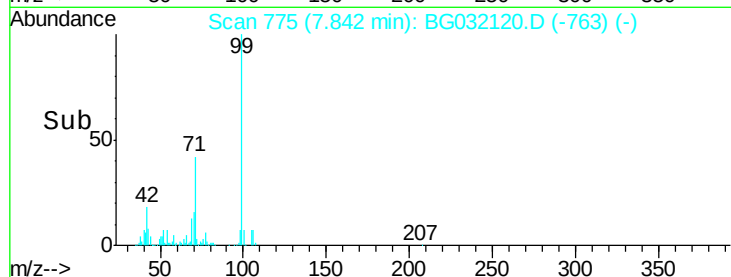
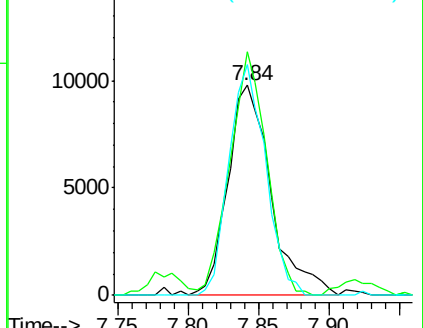
106 109.7 64.2 104.2#



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: 45.713 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

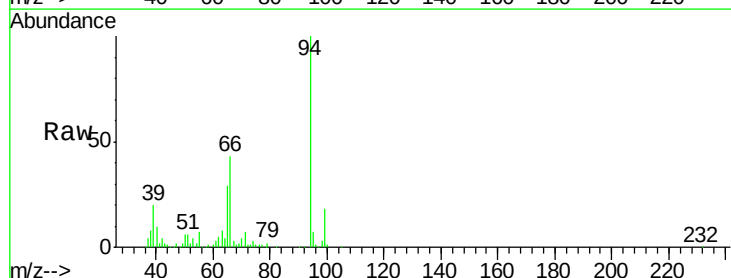
Tgt Ion: 94 Resp: 166929

Ion Ratio Lower Upper

94 100

65 29.2 11.9 51.9

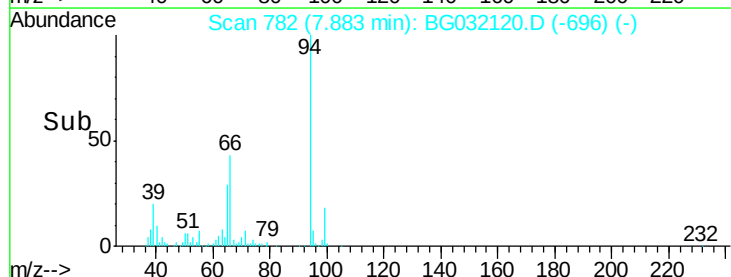
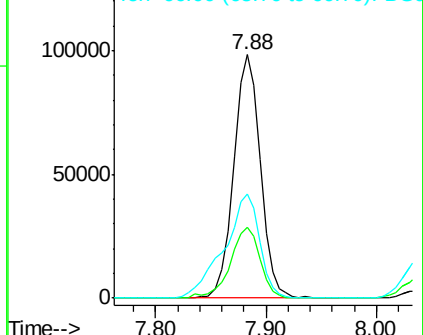
66 43.0 22.2 62.2

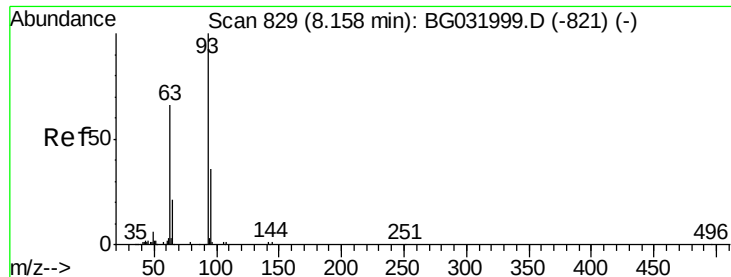


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

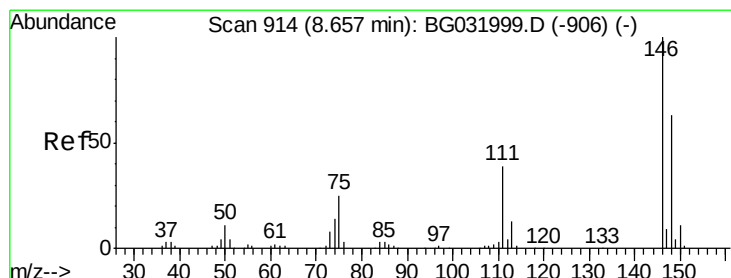
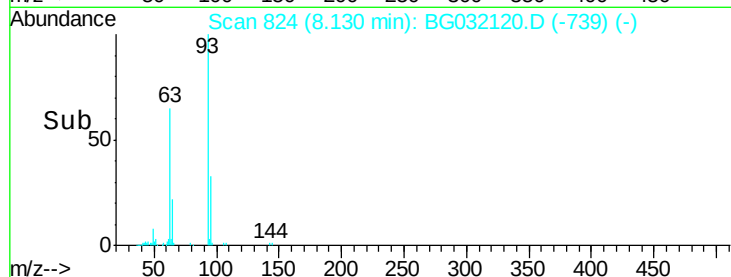
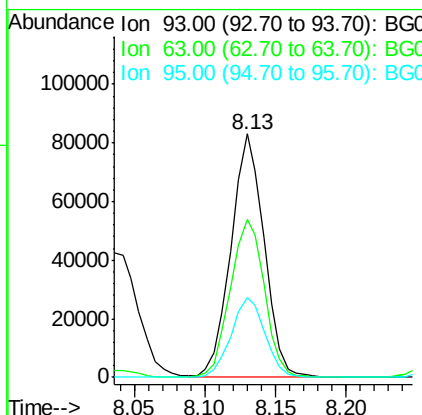
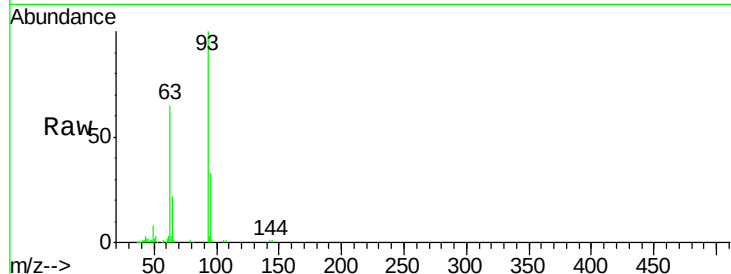




#11
bis(2-Chloroethyl)ether
Concen: 46.578 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

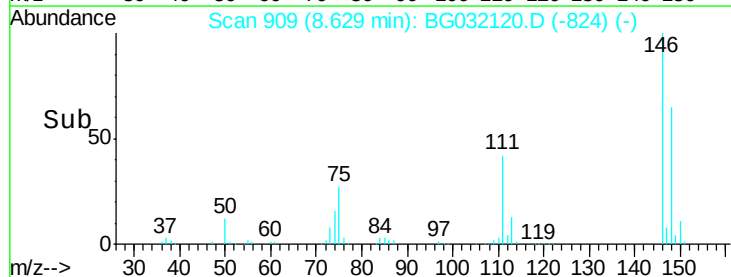
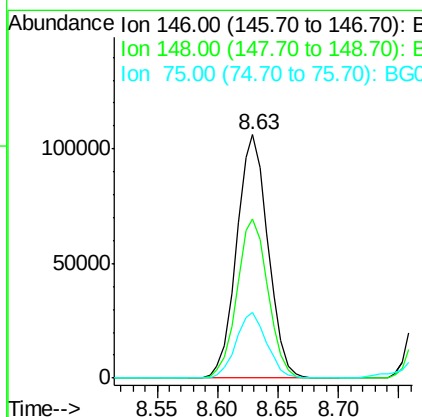
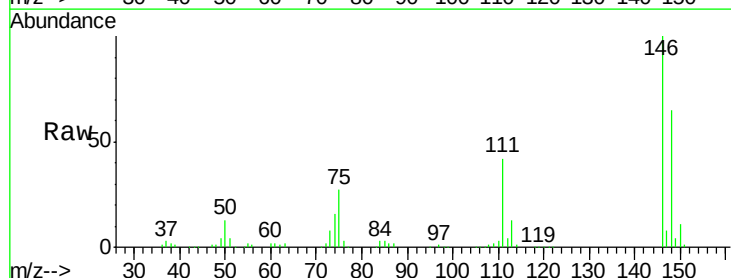
Instrument :
BNA_G
ClientSampleId :

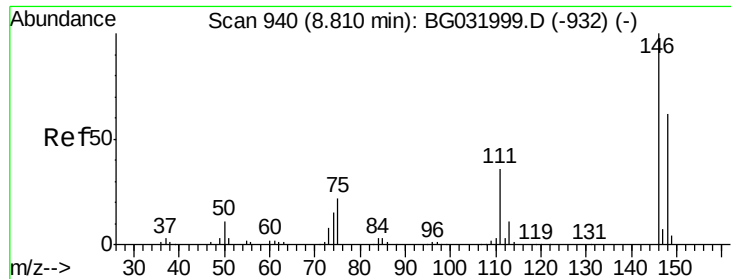
Tot Ion	Ratio	Lower	Upper
93	100		
63	64.6	67.1	107.1#
95	33.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 44.531 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
75	27.2	26.6	39.8

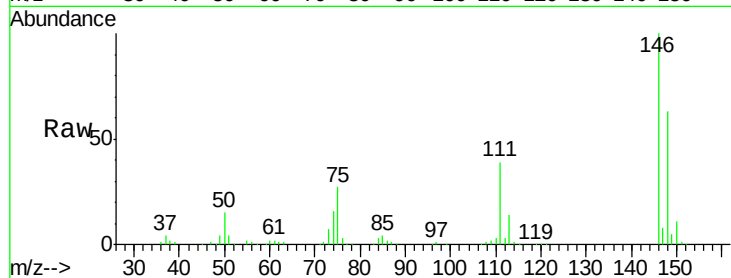




#13
 1,4-Dichlorobenzene
 Concen: 45.078 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	53.7	80.5
111	38.9	35.2	52.8

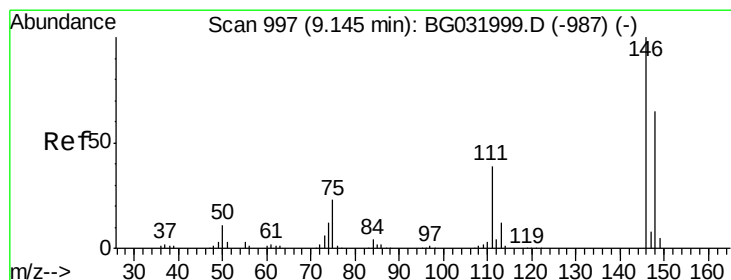
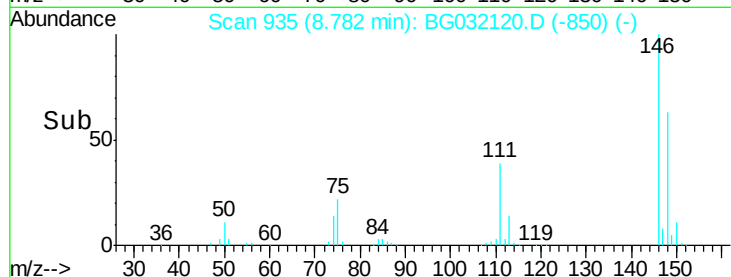
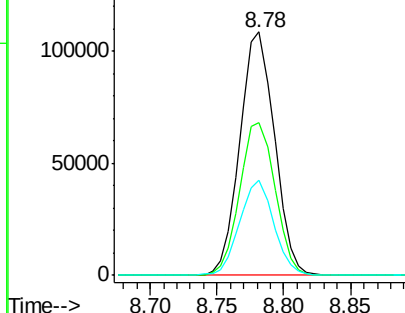


Abundance

Ion 146.00 (145.70 to 146.70): E

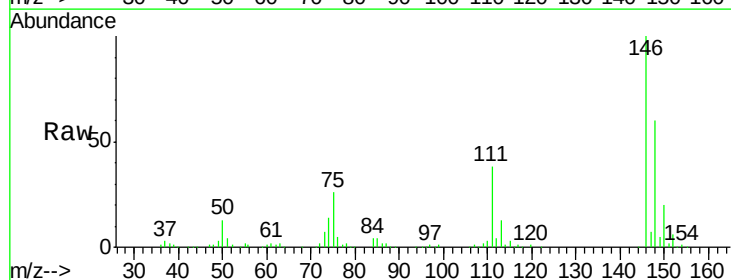
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.685 ng
 RT: 9.11 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.9	49.3	73.9
111	37.9	34.3	51.5

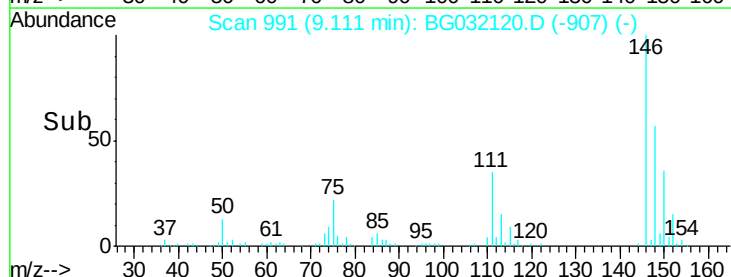
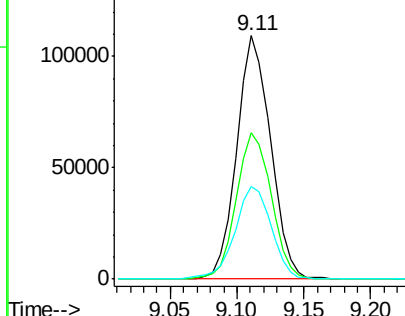


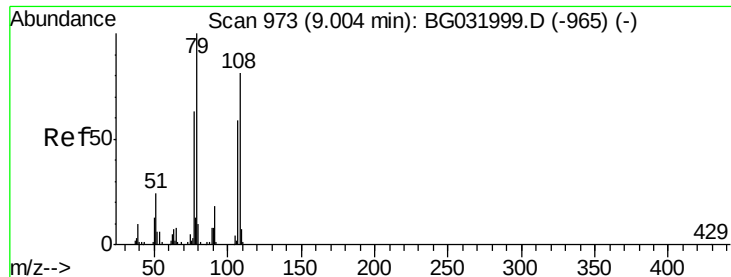
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

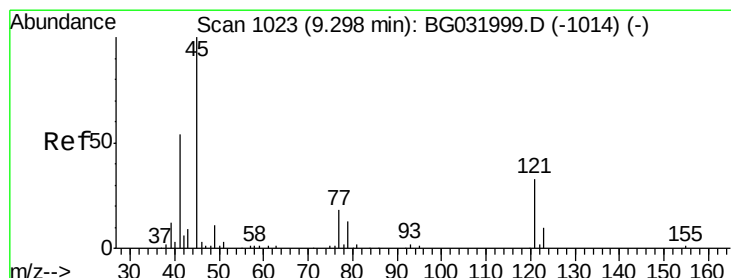
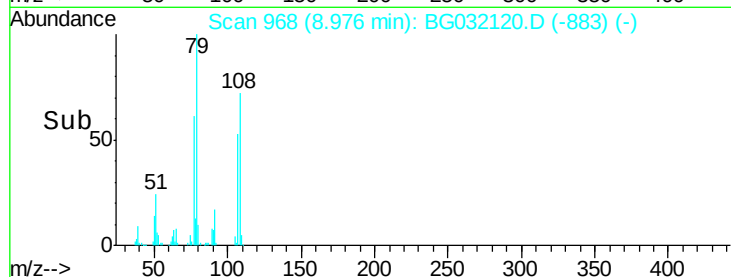
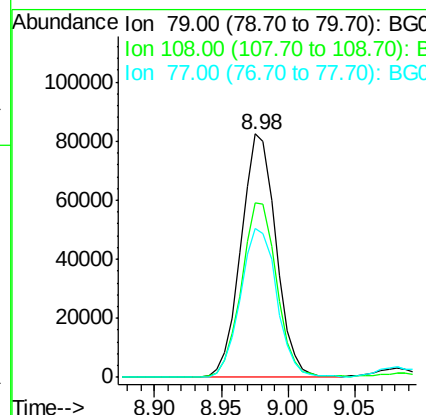
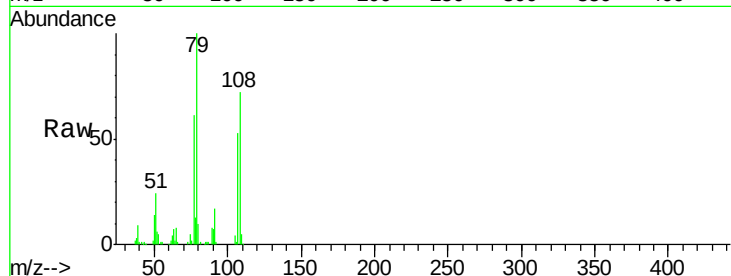




#15
Benzyl Alcohol
Concen: 55.620 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

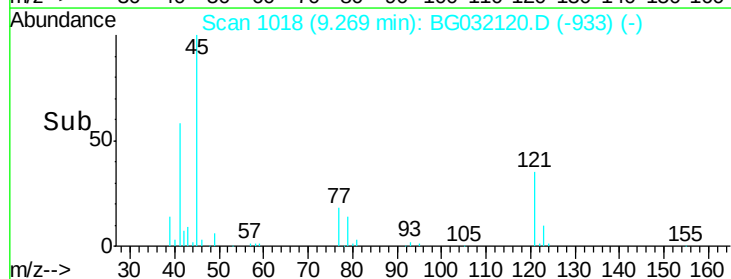
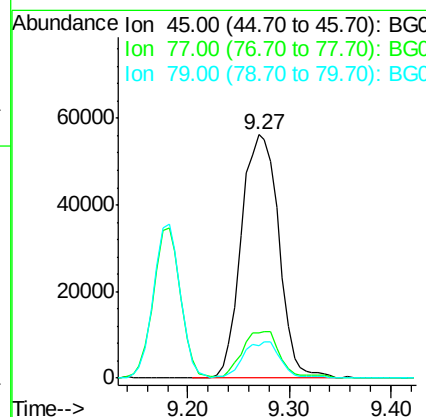
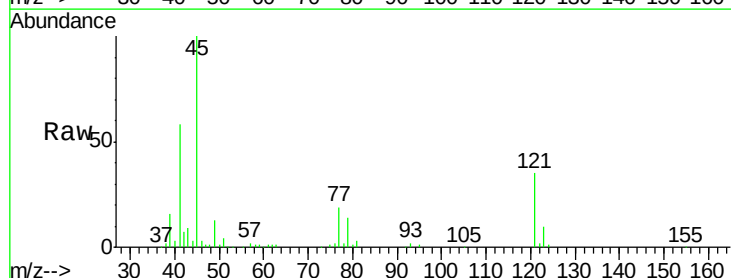
Instrument :
BNA_G
ClientSampleId :

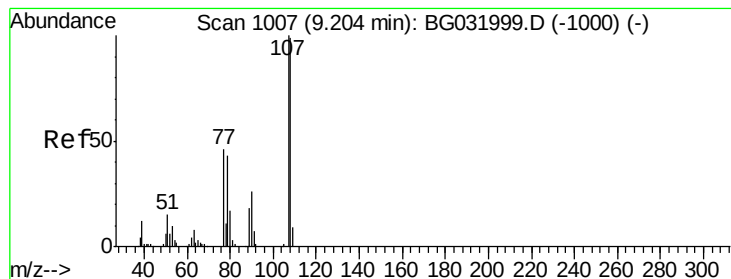
Tot Ion: 79 Resp: 149785
Ion Ratio Lower Upper
79 100
108 71.5 57.2 85.8
77 61.1 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.431 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion: 45 Resp: 143996
Ion Ratio Lower Upper
45 100
77 18.8 0.0 30.2
79 13.5 0.0 27.9





#17

2-Methylphenol

Concen: 46.798 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 130602

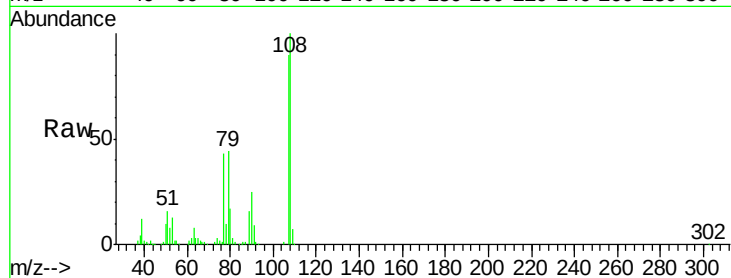
Ion Ratio Lower Upper

107 100

108 110.7 83.9 125.9

77 47.8 37.2 55.8

79 49.0 36.2 54.2

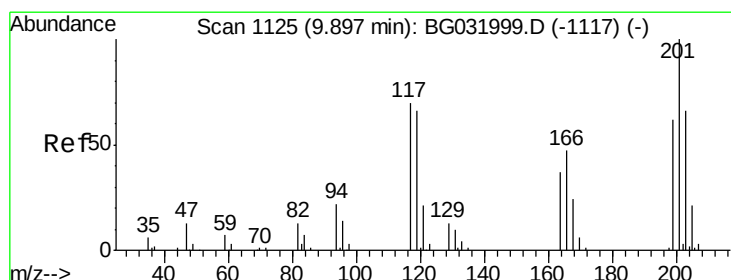
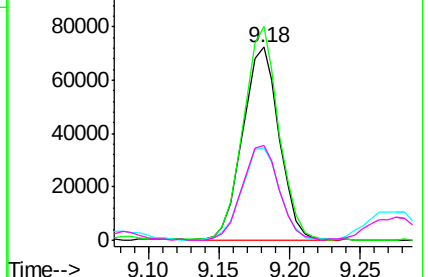
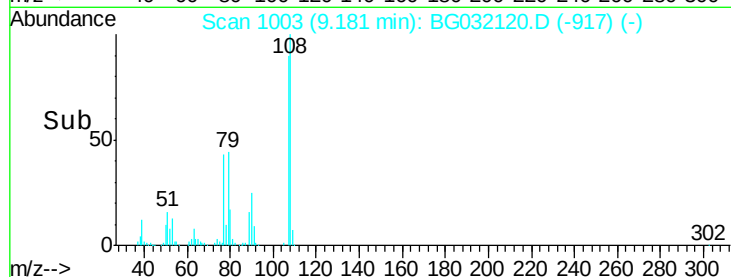


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.312 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

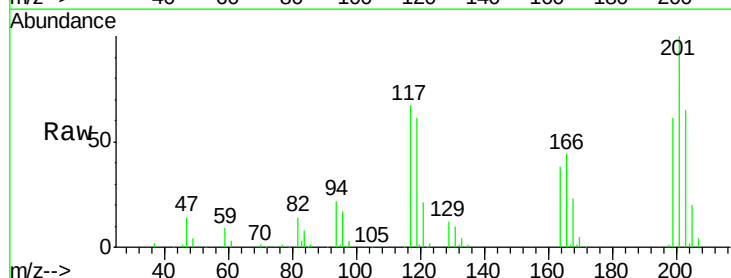
Tgt Ion:117 Resp: 65778

Ion Ratio Lower Upper

117 100

119 91.4 76.7 115.1

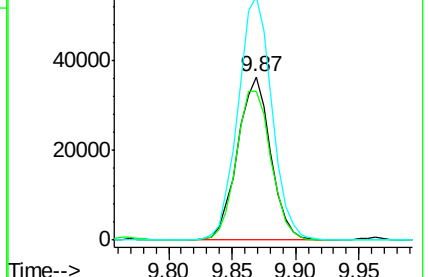
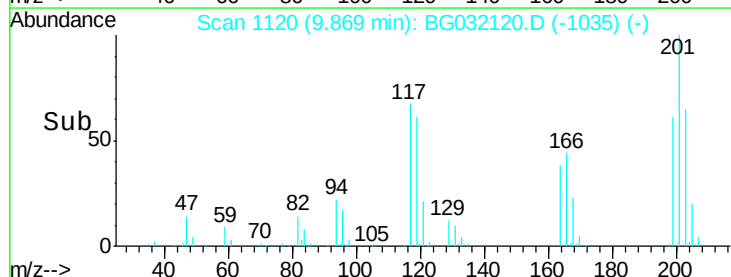
201 149.2 95.7 143.5#

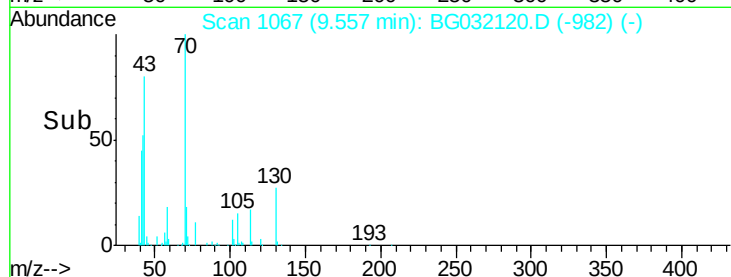
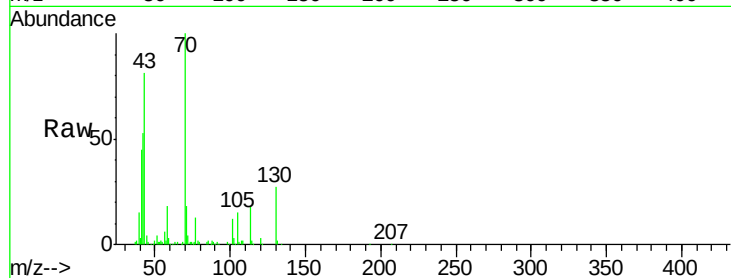
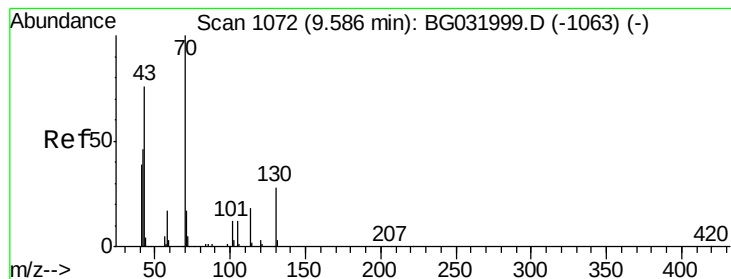


Abundance Ion 117.00 (116.70 to 117.70): E

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: 50.503 ng

RT: 9.56 min Scan# 1067

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 116159

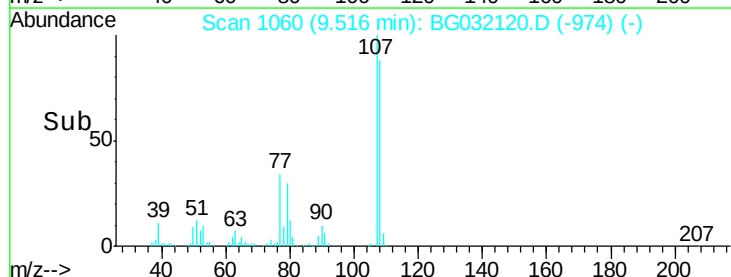
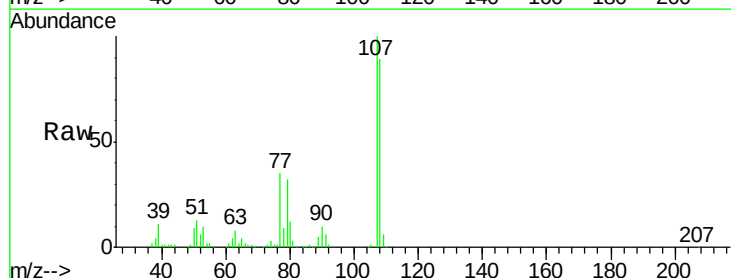
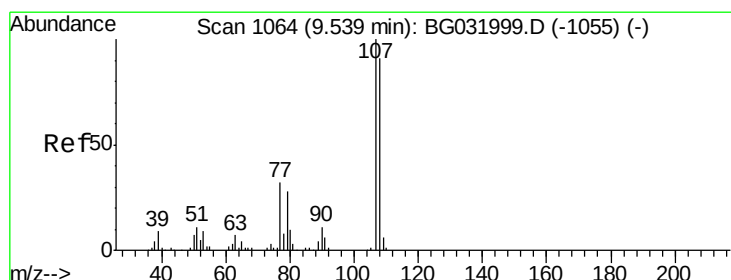
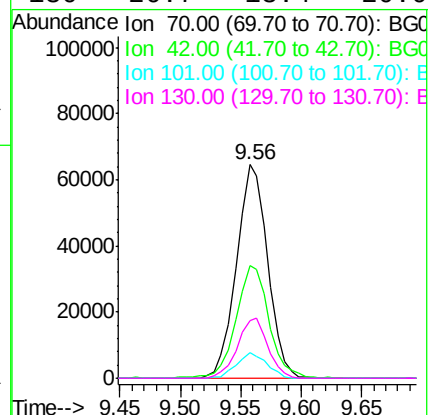
Ion Ratio Lower Upper

70 100

42 52.8 49.1 73.7

101 12.2 8.5 12.7

130 26.7 13.4 20.0#



#20

3+4-Methylphenols

Concen: 47.242 ng

RT: 9.52 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Tgt Ion: 107 Resp: 182640

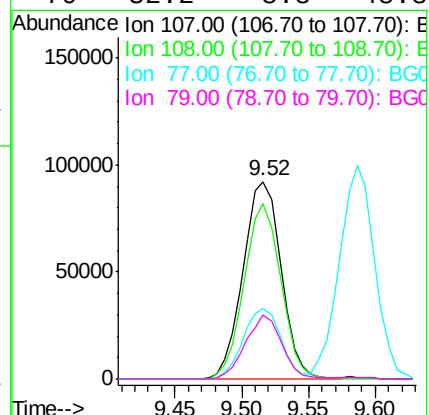
Ion Ratio Lower Upper

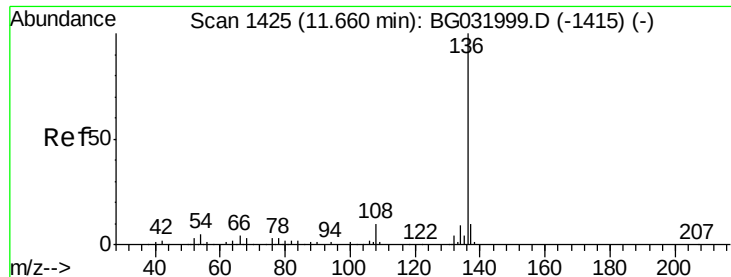
107 100

108 89.0 61.6 101.6

77 35.5 13.9 53.9

79 32.2 8.8 48.8

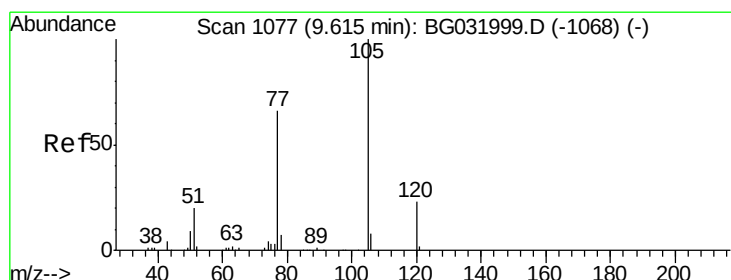
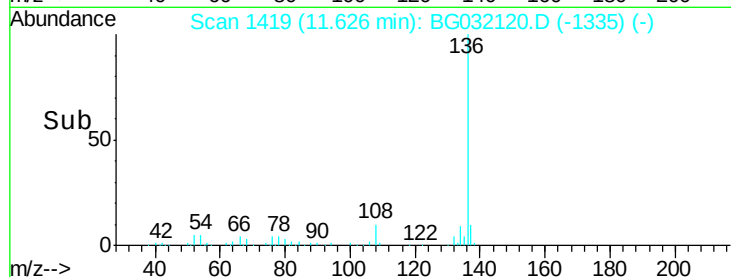
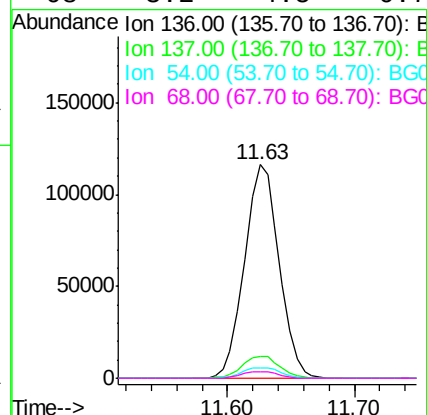
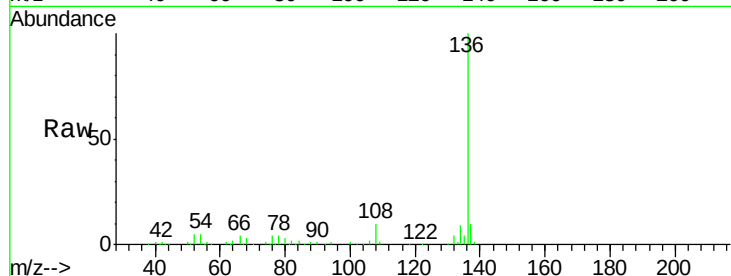




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

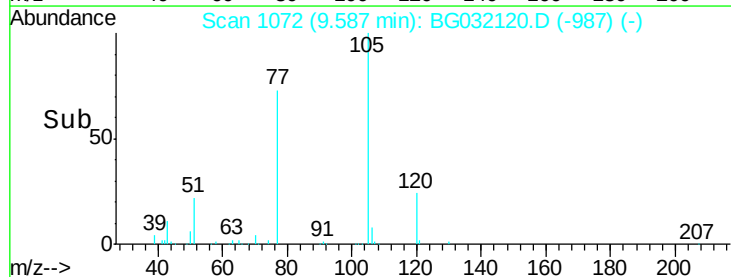
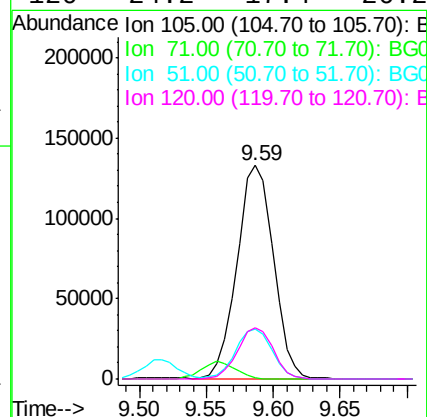
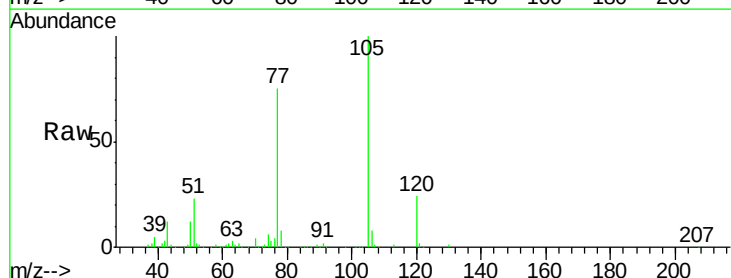
Instrument :
BNA_G
ClientSampleId :

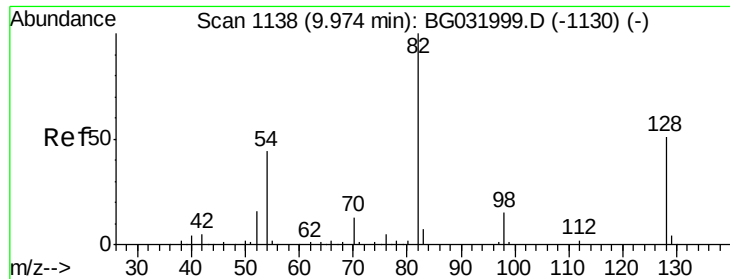
Tot Ion:136	Resp:	219798
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.2 13.8
54	4.9	10.3 15.5#
68	3.2	4.5 6.7#



#22
Acetophenone
Concen: 50.616 ng
RT: 9.59 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:105	Resp:	252711
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	23.1	26.1 39.1#
120	24.2	17.4 26.2

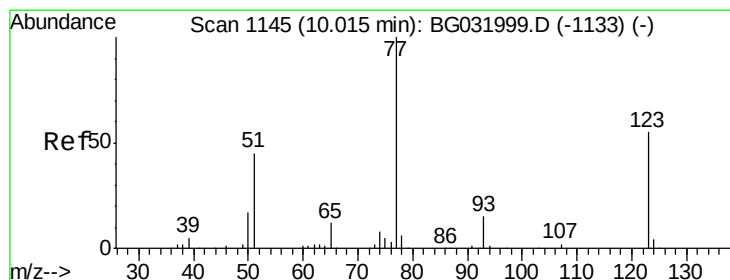
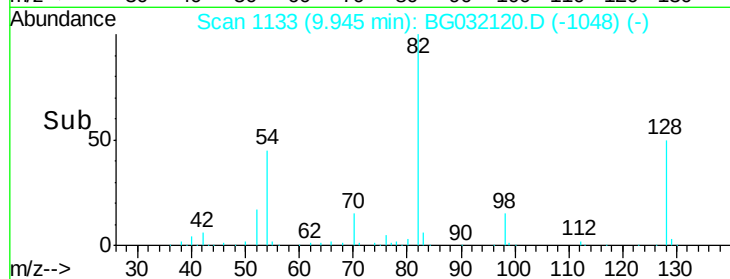
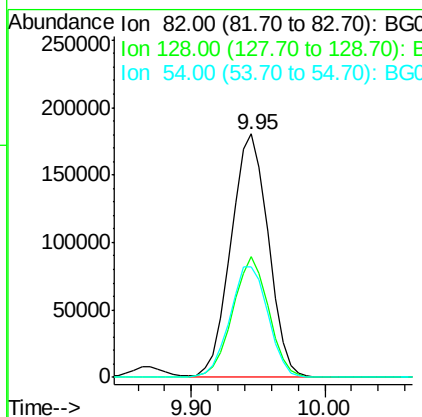
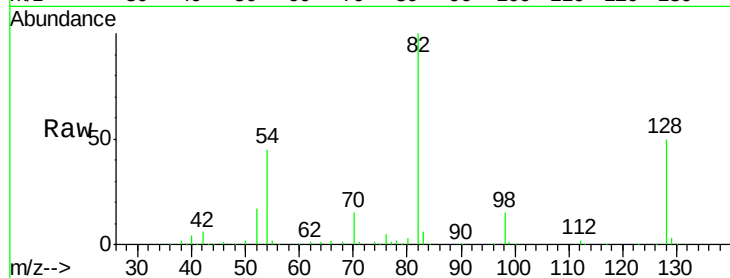




#23
 Nitrobenzene-d5
 Concen: 108.214 ng
 RT: 9.95 min Scan# 1133
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

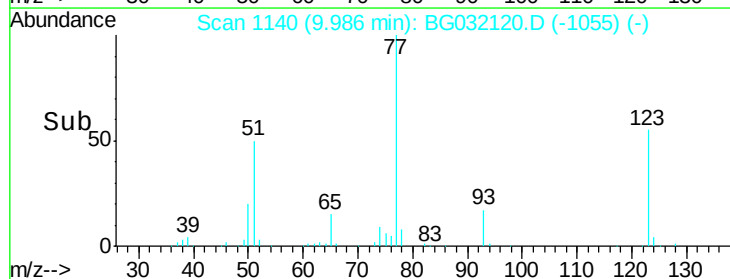
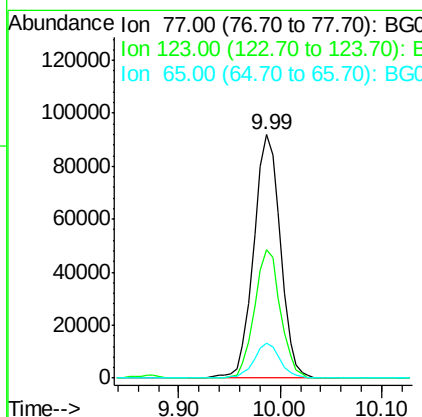
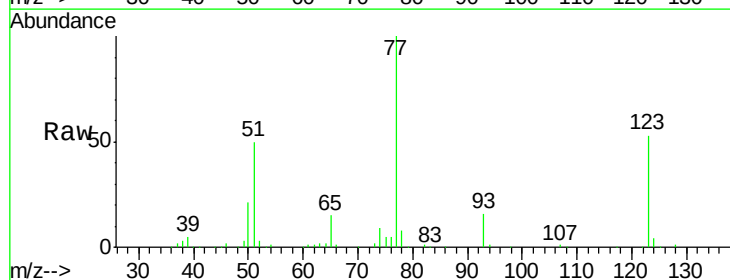
Instrument :
 BNA_G
 ClientSampled :

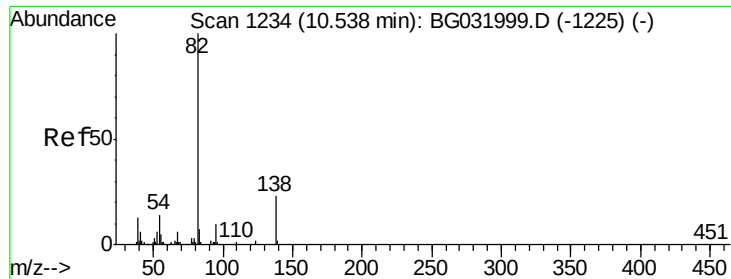
Tot Ion	82	Resp	351570
Ion Ratio	100	Lower	Upper
128	49.7	29.7	44.5#
54	45.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 51.696 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion	77	Resp	167530
Ion Ratio	100	Lower	Upper
123	52.9	33.0	49.6#
65	14.5	13.0	19.6





#25

Isophorone

Concen: 54.147 ng

RT: 10.51 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

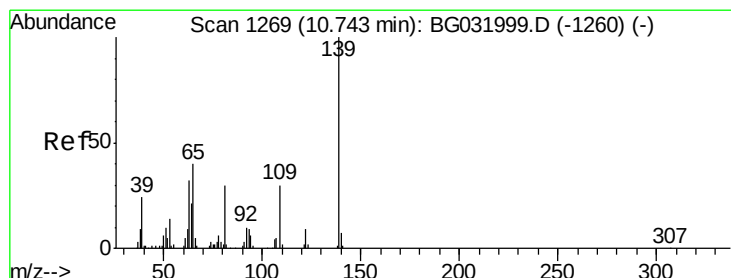
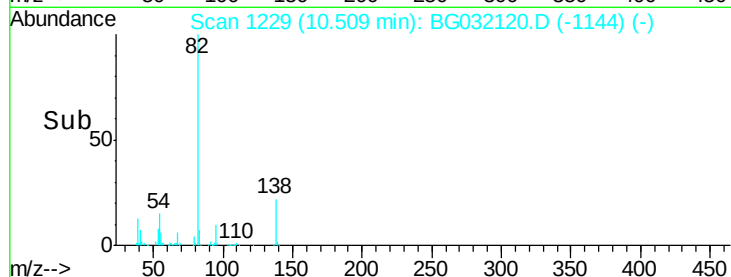
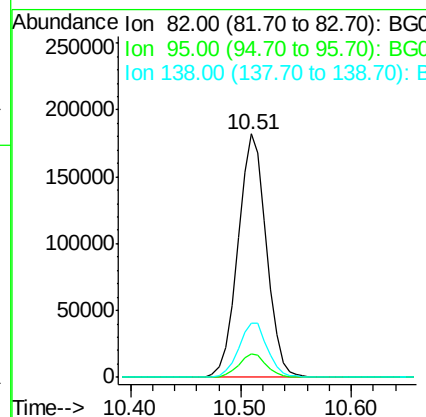
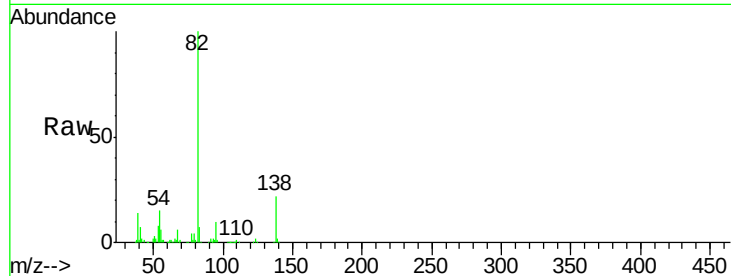
Tot Ion: 82 Resp: 327558

Ion Ratio Lower Upper

82 100

95 9.5 6.2 9.2#

138 22.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 54.264 ng

RT: 10.71 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

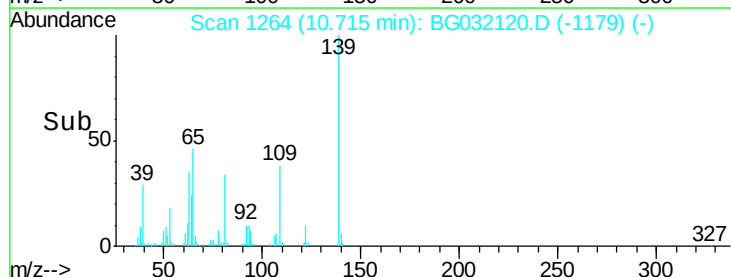
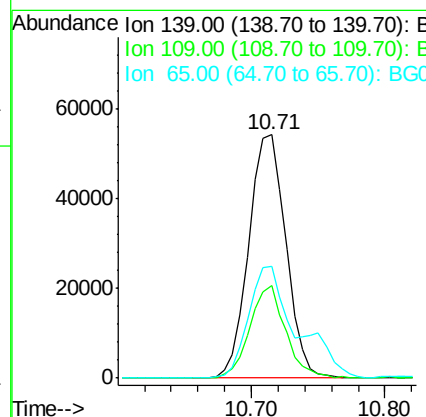
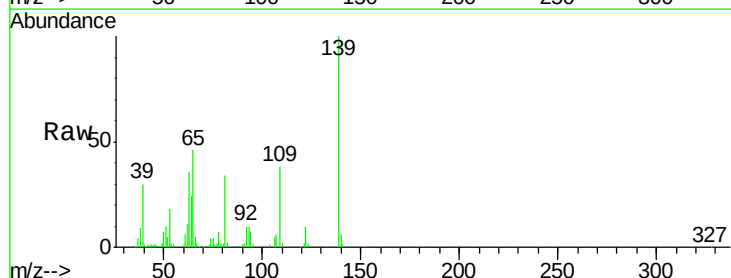
Tgt Ion: 139 Resp: 104198

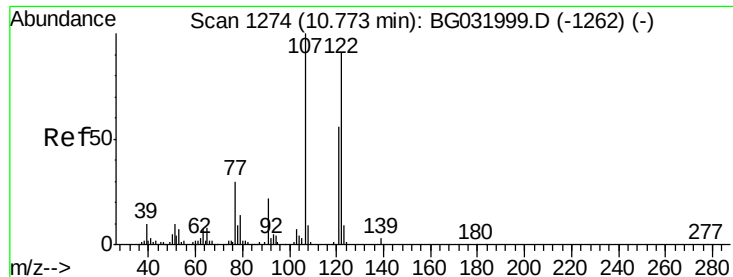
Ion Ratio Lower Upper

139 100

109 37.8 24.2 36.2#

65 45.9 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 57.262 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

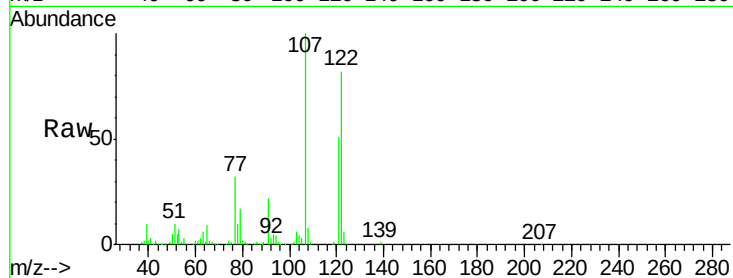
Tot Ion:122 Resp: 174485

Ion Ratio Lower Upper

122 100

107 122.4 100.2 150.2

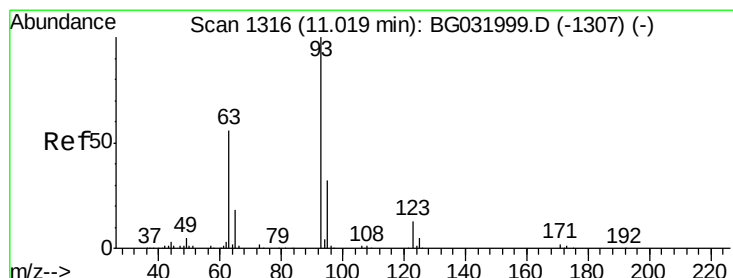
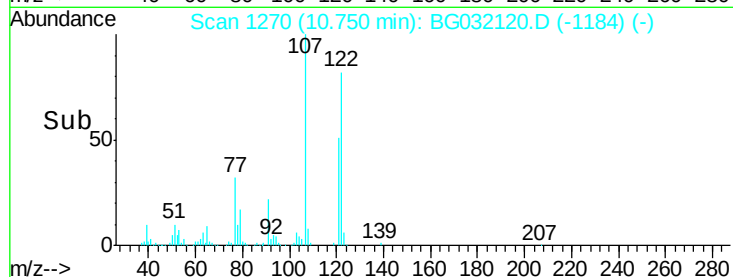
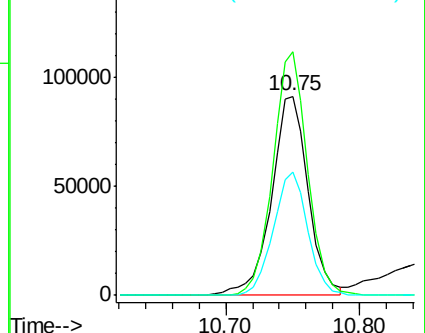
121 61.9 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.833 ng

RT: 10.99 min Scan# 1311

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

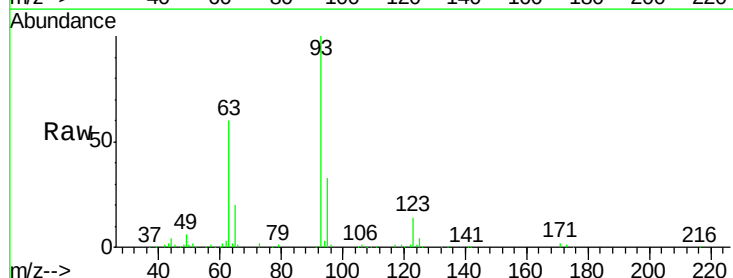
Tgt Ion: 93 Resp: 199855

Ion Ratio Lower Upper

93 100

95 33.2 24.3 36.5

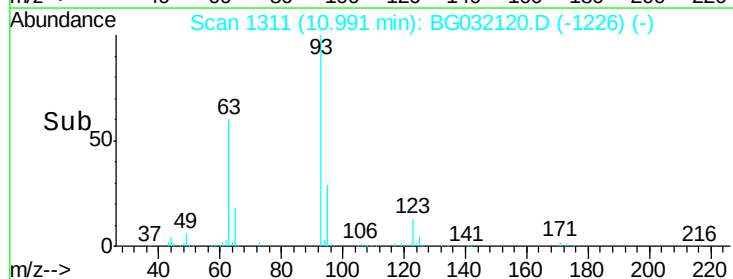
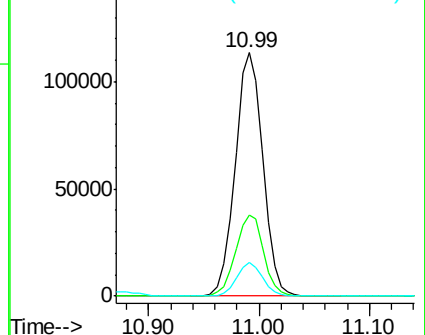
123 13.6 8.4 12.6#

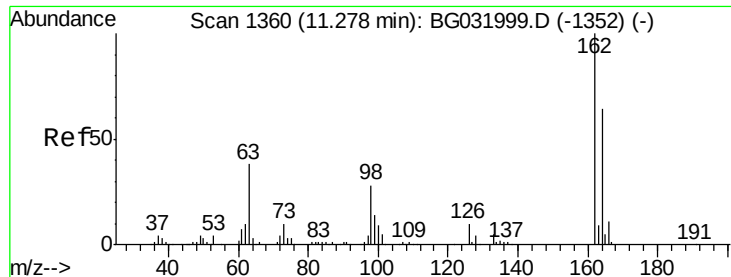


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

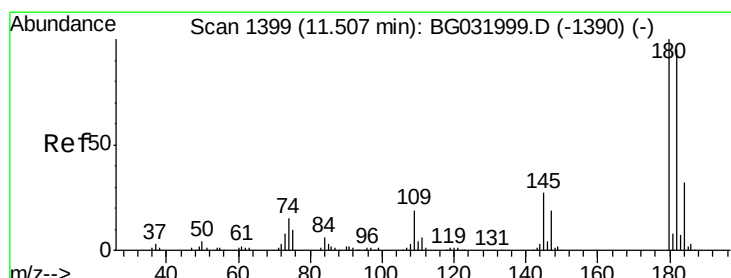
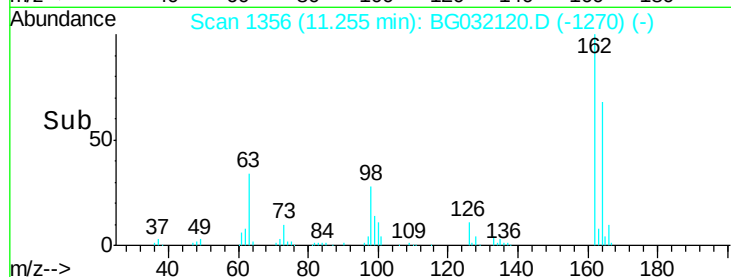
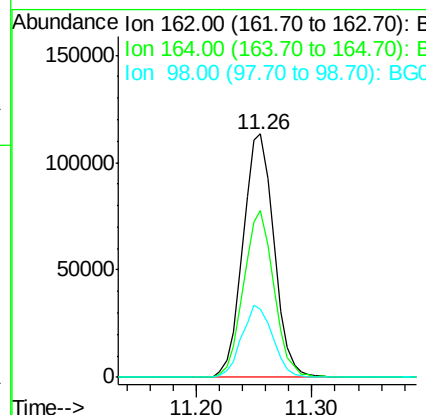
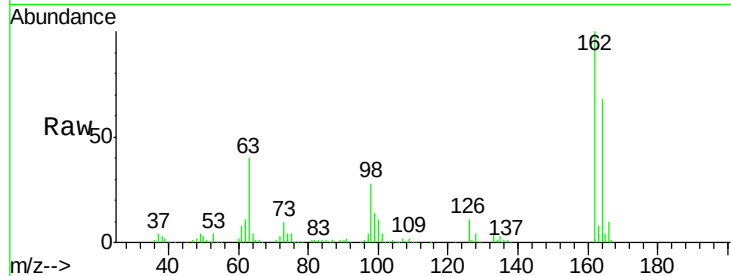




#29
 2,4-Dichlorophenol
 Concen: 56.383 ng
 RT: 11.26 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

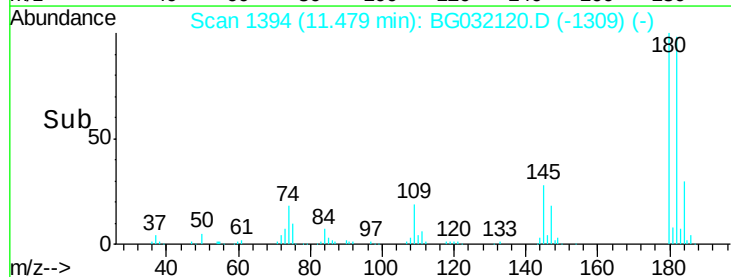
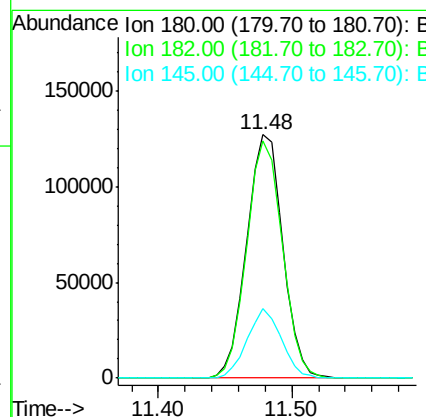
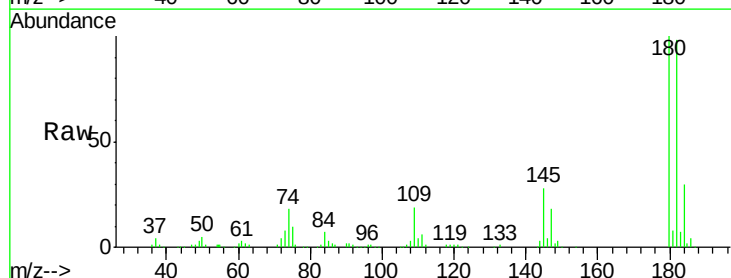
Instrument :
 BNA_G
 ClientSampled :

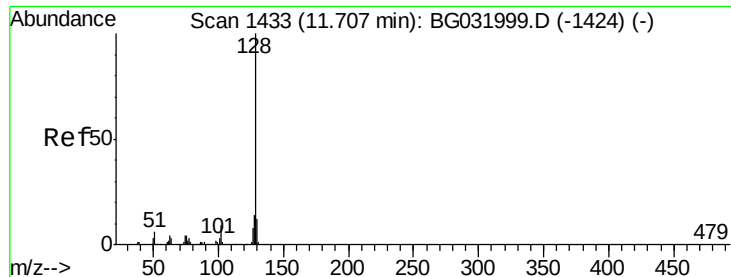
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	48.0	88.0
98	28.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 48.933 ng
 RT: 11.48 min Scan# 1394
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.5	116.3
145	28.4	23.4	35.2

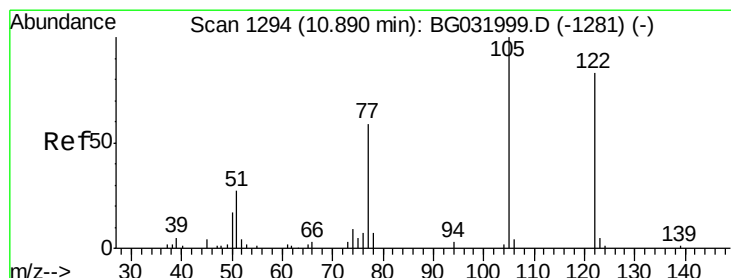
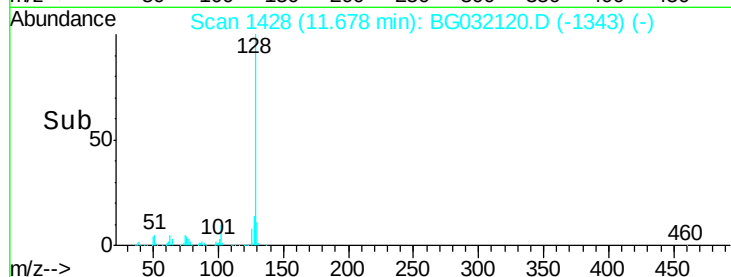
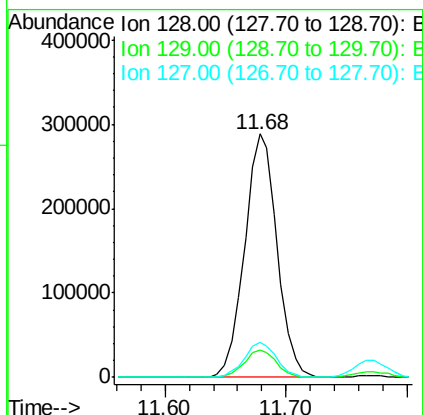
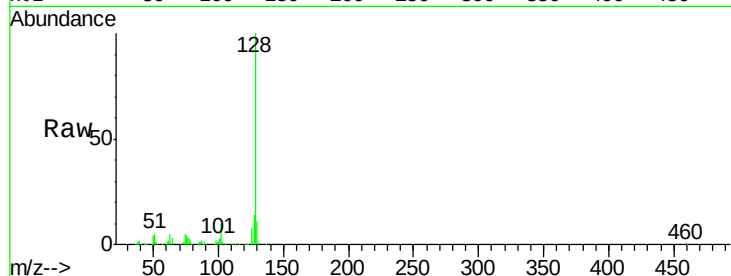




#31
Naphthalene
Concen: 49.312 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

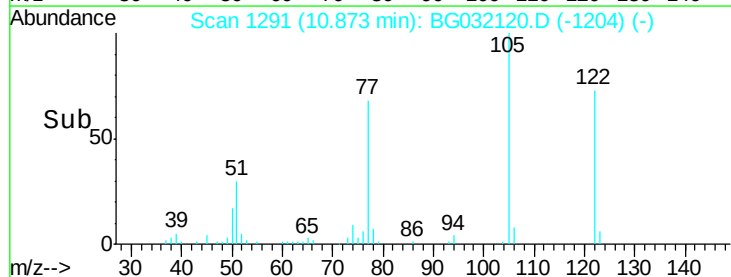
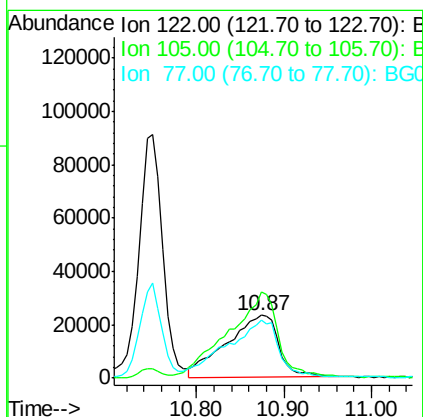
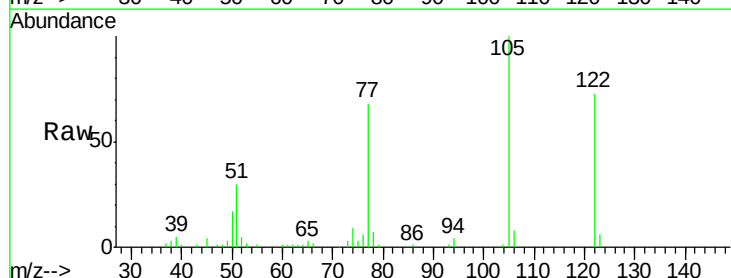
Instrument :
BNA_G
ClientSampleId :

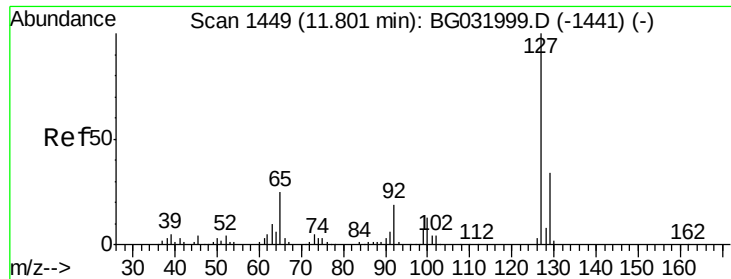
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.2	11.6	17.4



#32
Benzoic acid
Concen: 40.153 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.3	123.5	163.5
77	92.1	85.7	125.7

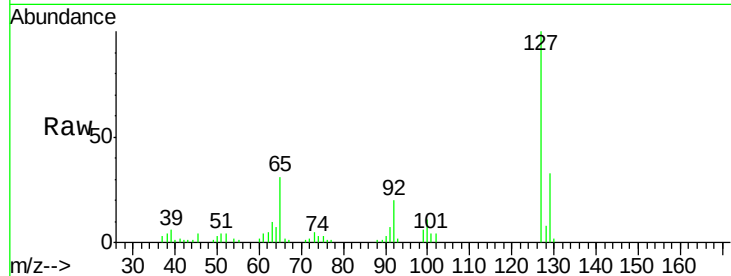




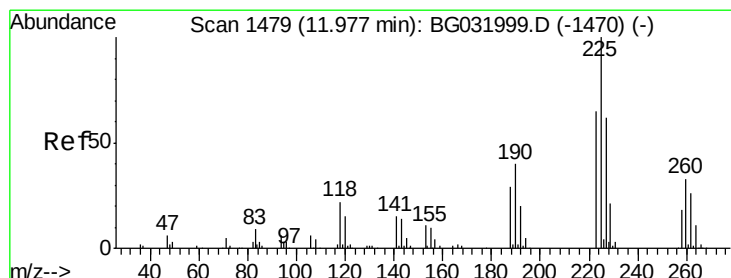
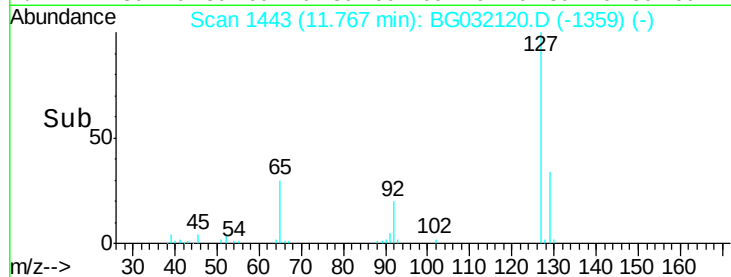
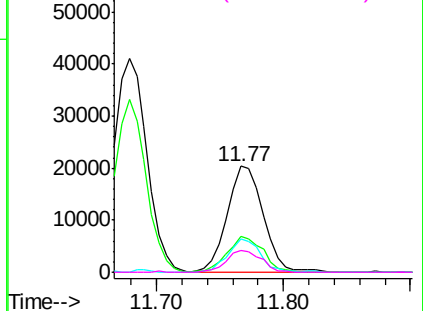
#33
4-Chloroaniline
Concen: 8.566 ng
RT: 11.77 min Scan# 1443
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	39995
Ion	Ratio	Lower	Upper
127	100		
129	33.4	24.0	36.0
65	31.1	27.0	40.4
92	20.5	16.6	25.0

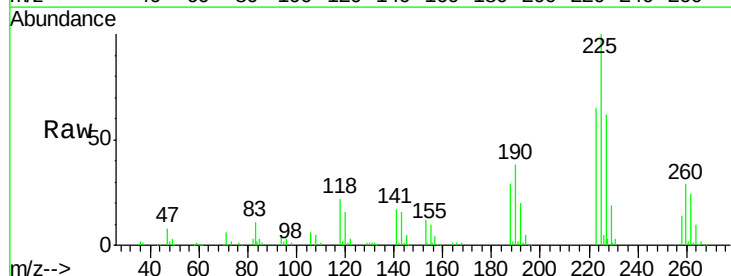


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

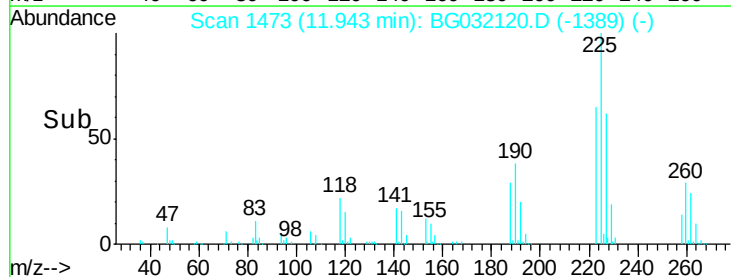
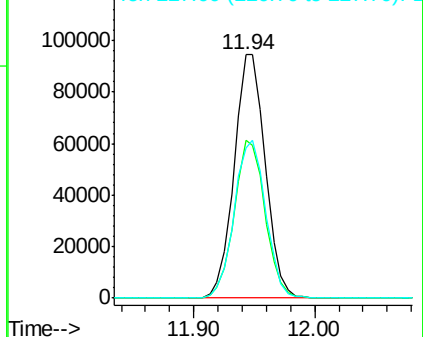


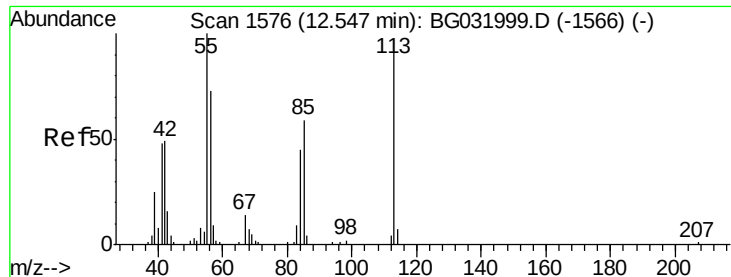
#34
Hexachlorobutadiene
Concen: 48.826 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:	225	Resp:	169816
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.7	74.5
227	61.9	48.1	72.1



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





#35

Caprolactam

Concen: 45.843 ng

RT: 12.52 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

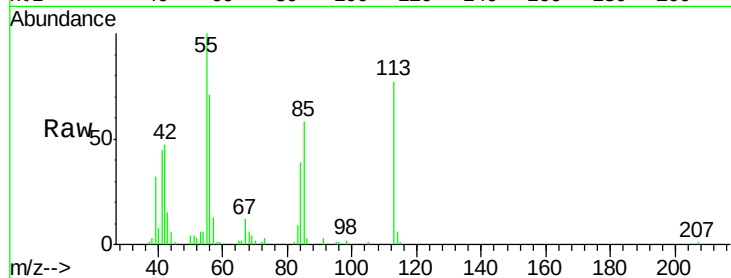
Tot Ion:113 Resp: 52146

Ion Ratio Lower Upper

113 100

55 129.9 186.9 226.9#

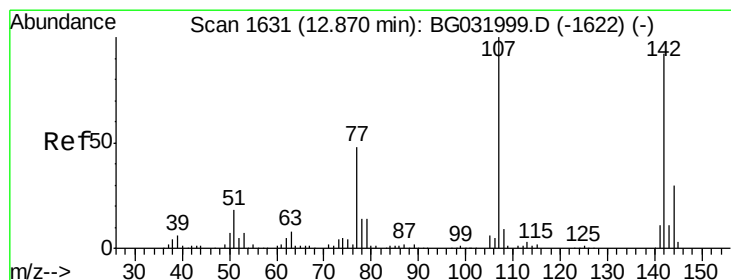
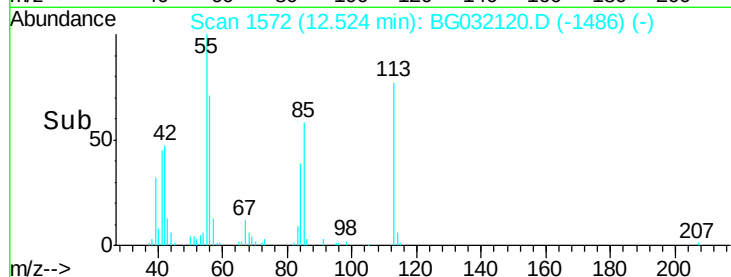
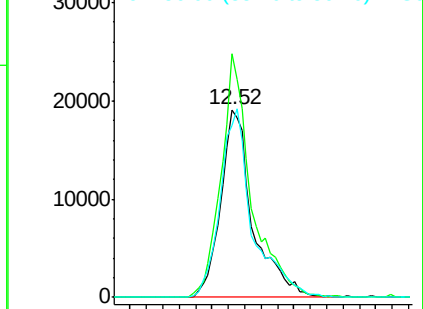
56 91.9 130.9 170.9#



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: 57.731 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

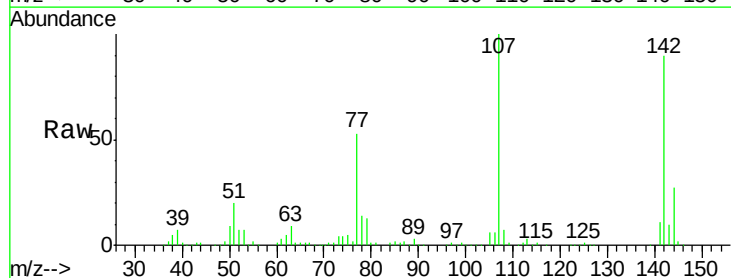
Tgt Ion:107 Resp: 198128

Ion Ratio Lower Upper

107 100

144 27.2 18.2 27.4

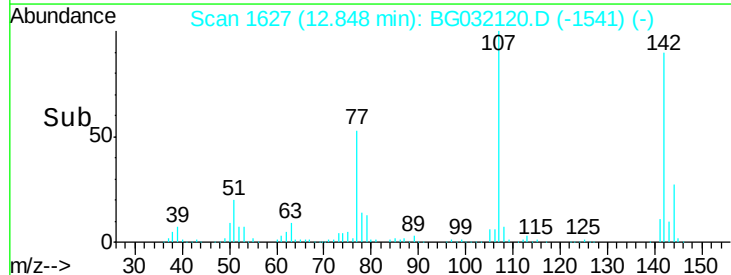
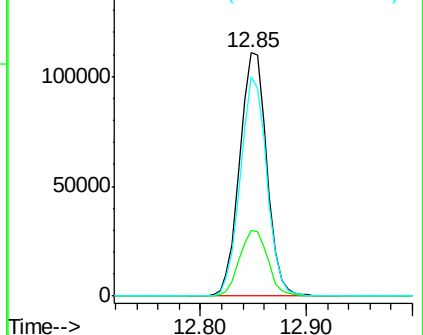
142 90.3 59.0 88.4#

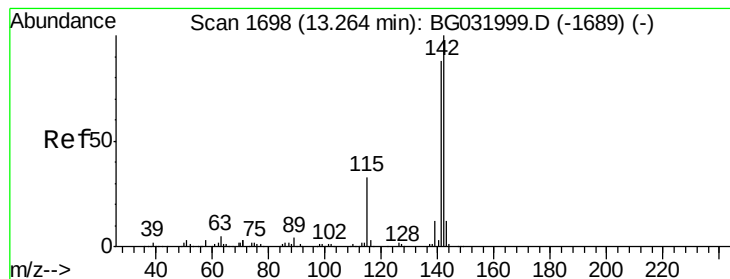


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.952 ng

RT: 13.24 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

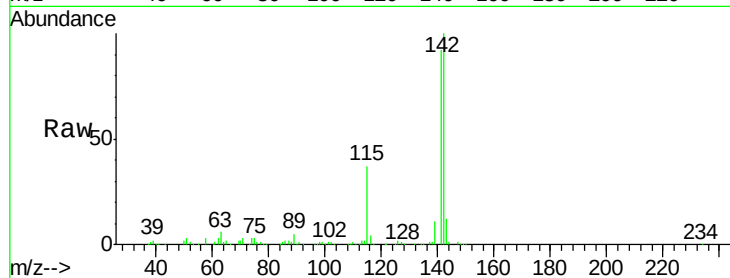
Tot Ion:142 Resp: 440455

Ion Ratio Lower Upper

142 100

141 91.9 67.1 100.7

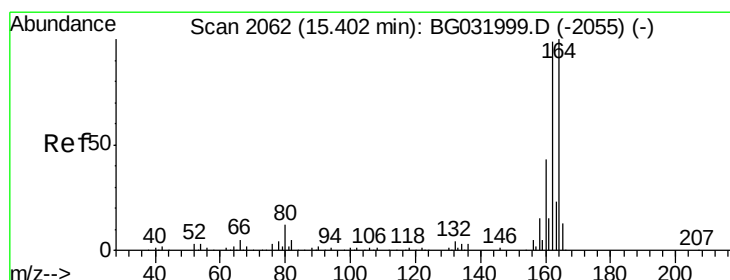
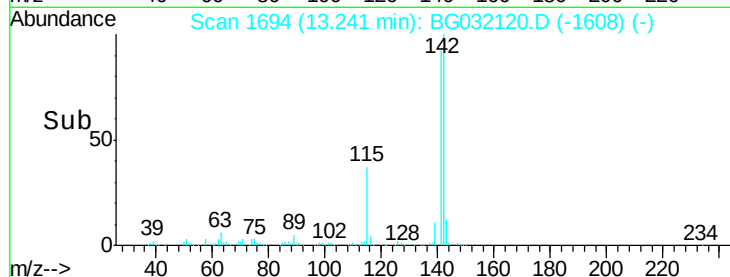
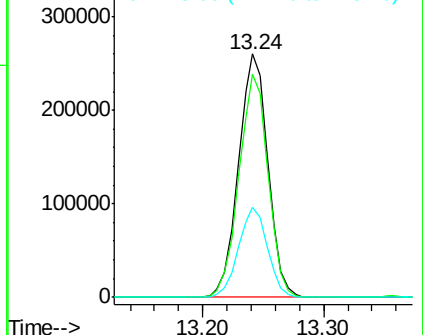
115 36.9 30.7 46.1



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: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

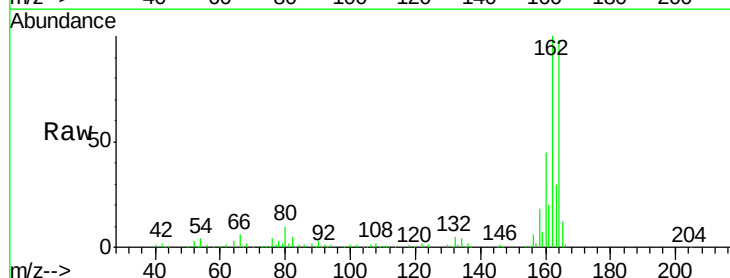
Tgt Ion:164 Resp: 153304

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

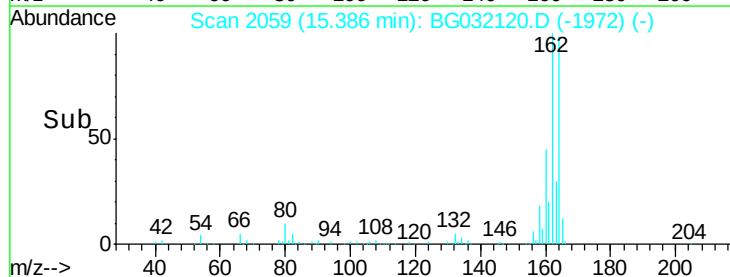
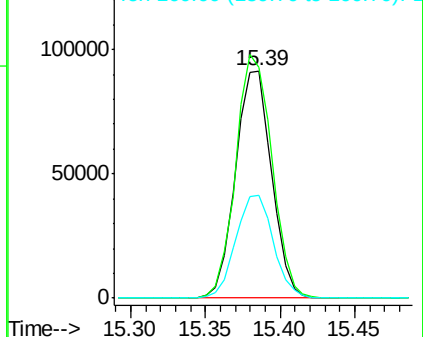
160 45.4 35.4 53.0

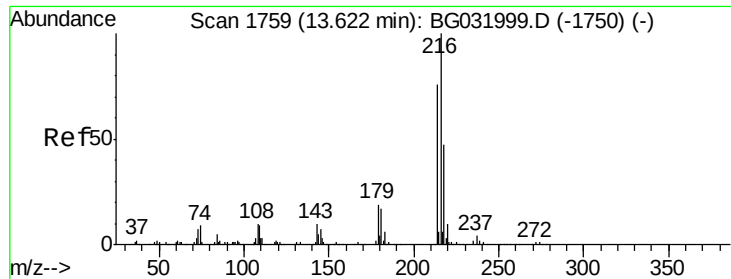


Abundance Ion 164.00 (163.70 to 164.70): E

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: 50.287 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG032120.D

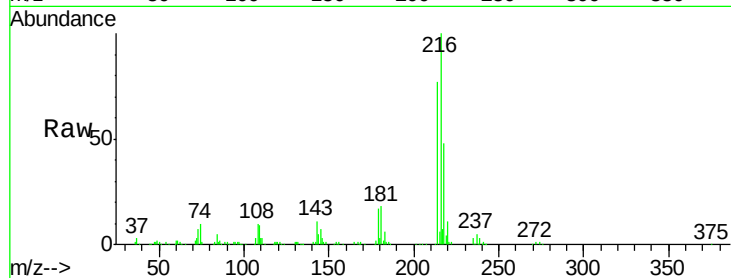
Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	336042
Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.0	94.4
179	18.5	17.0	25.6
108	12.3	12.8	19.2#

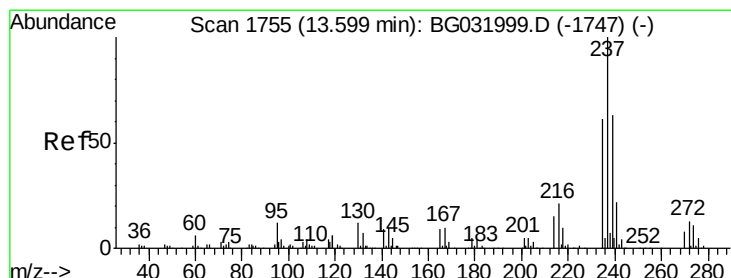
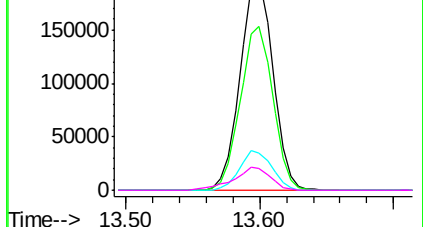
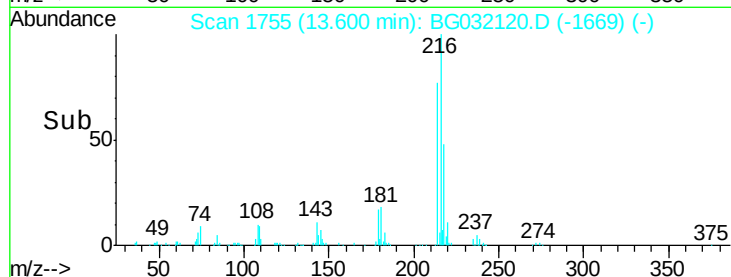


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.145 ng

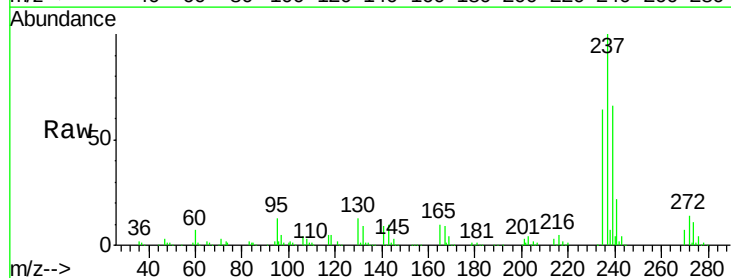
RT: 13.57 min Scan# 1750

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

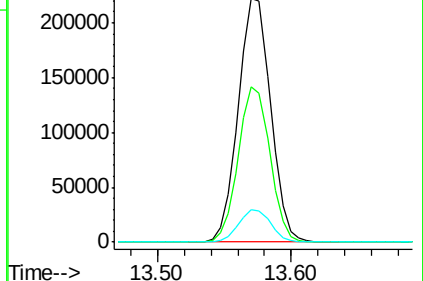
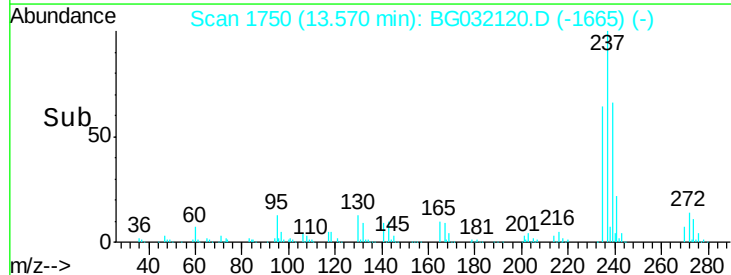
Tgt Ion:	237	Resp:	373165
Ion	Ratio	Lower	Upper
237	100		
235	63.8	50.4	90.4
272	13.5	0.0	31.8

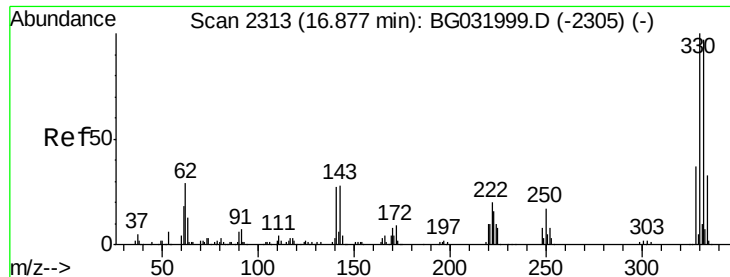


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 164.046 ng

RT: 16.86 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampled :

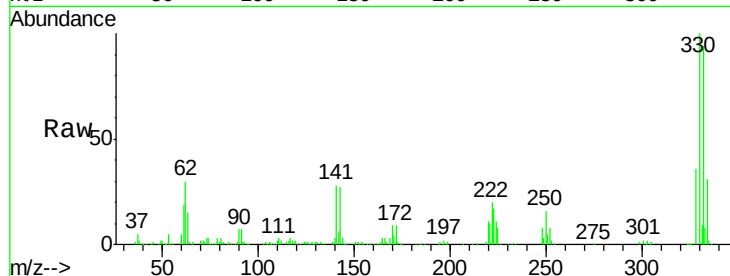
Tot Ion:330 Resp: 416155

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

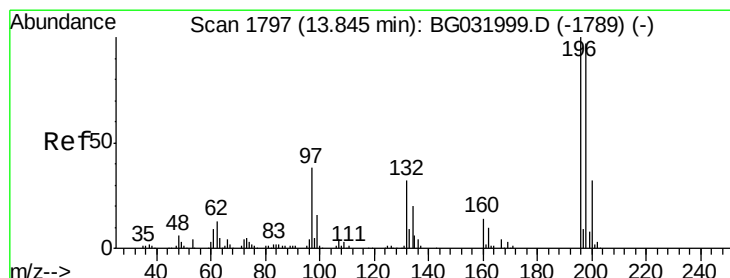
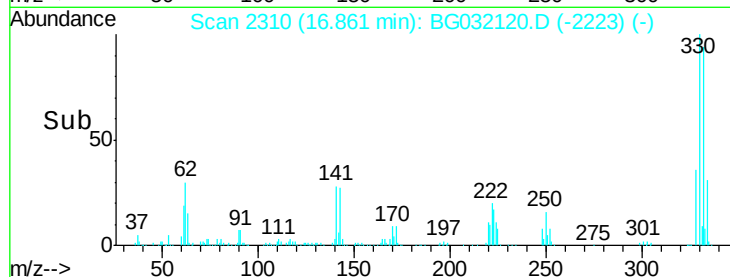
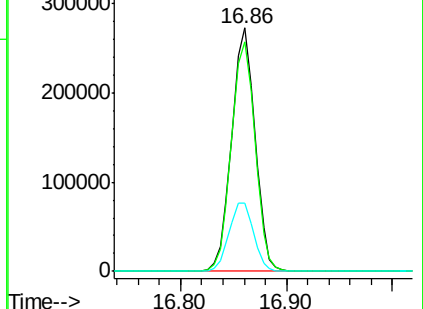
141 29.7 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 55.179 ng

RT: 13.82 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

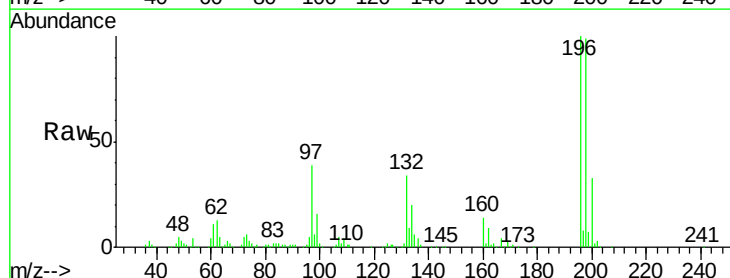
Tgt Ion:196 Resp: 207186

Ion Ratio Lower Upper

196 100

198 98.5 78.2 117.2

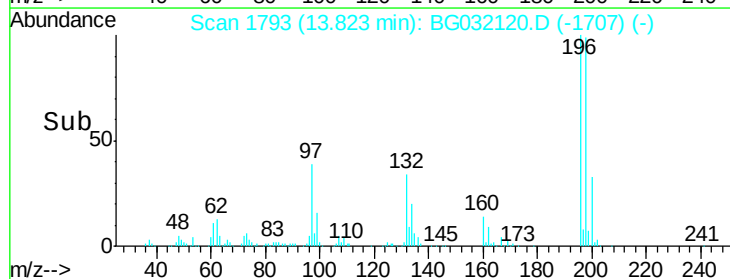
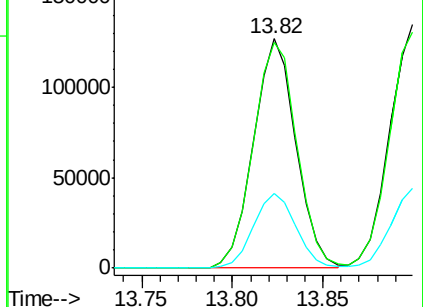
200 32.7 24.6 36.8

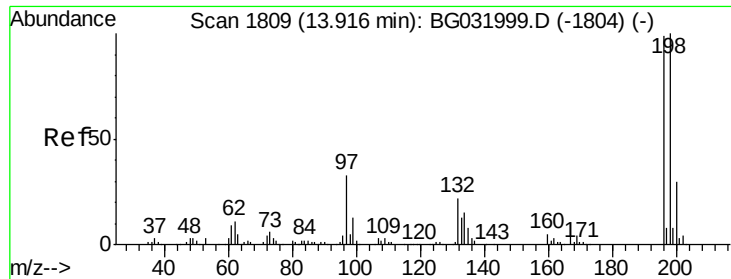


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

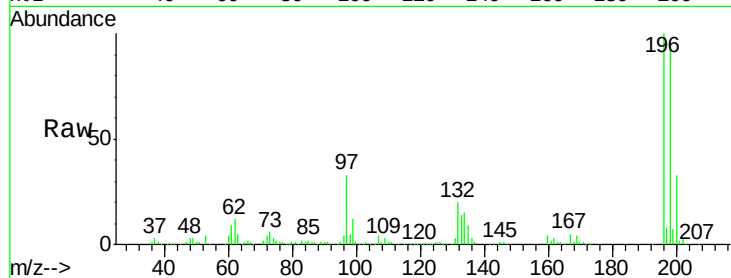




#43
 2,4,5-Trichlorophenol
 Concen: 52.216 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.2	114.4
97	33.0	38.7	58.1
132	19.8	20.2	30.2



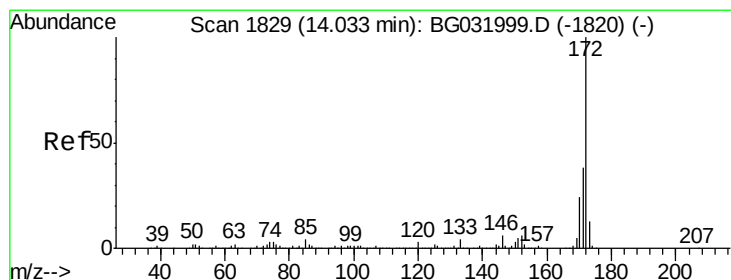
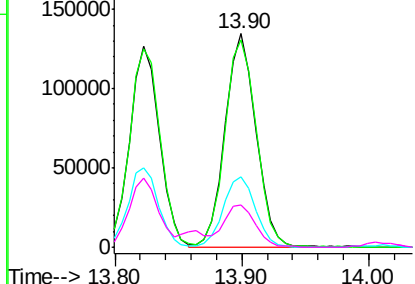
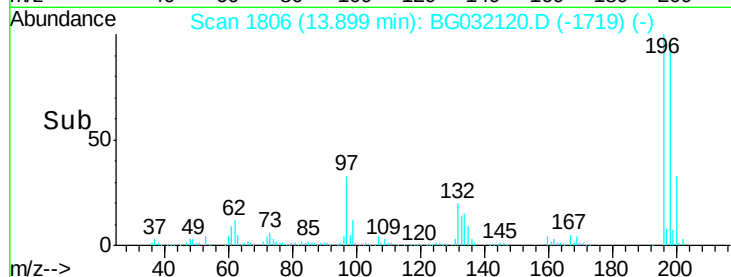
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

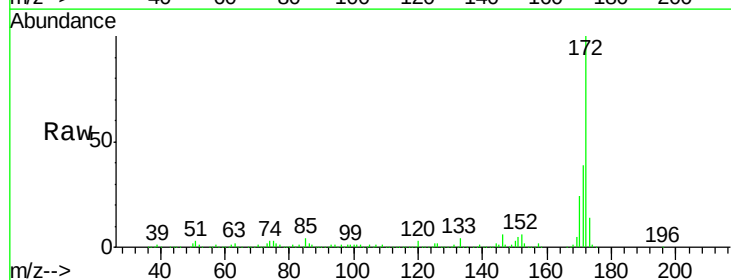
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.594 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	23.6	19.5	29.3

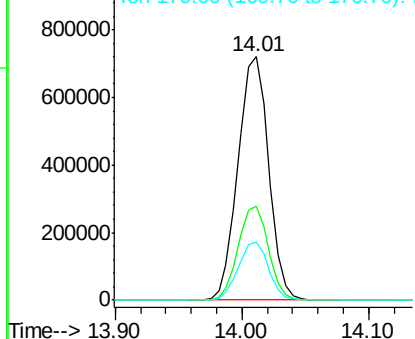
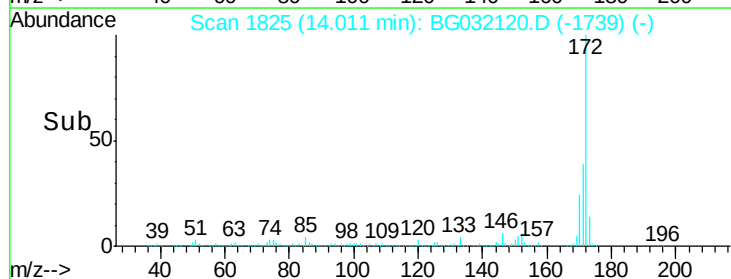


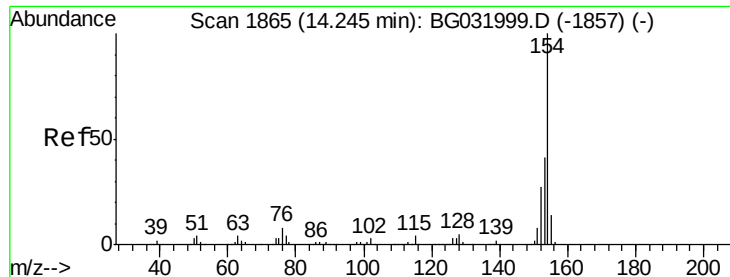
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

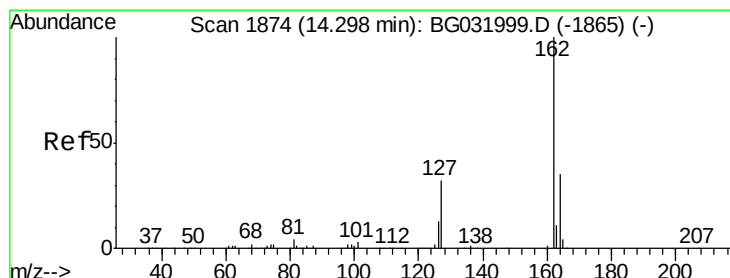
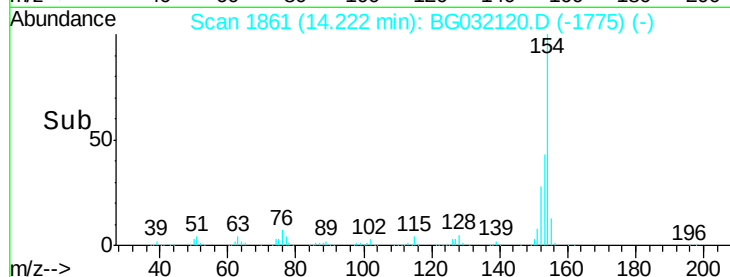
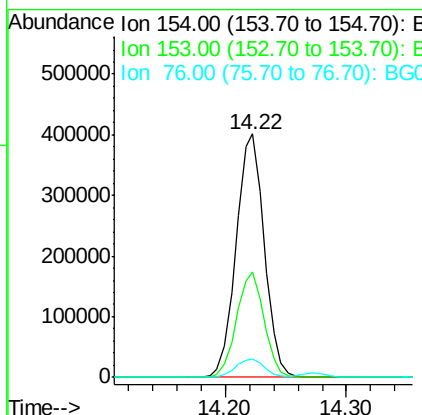
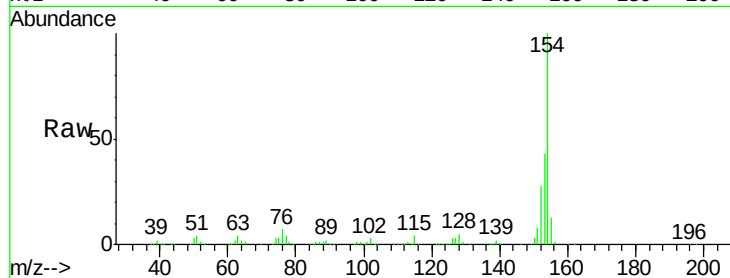




#45
 1,1'-Biphenyl
 Concen: 49.402 ng
 RT: 14.22 min Scan# 1861
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

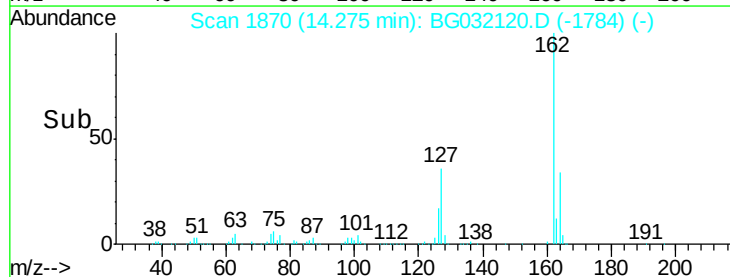
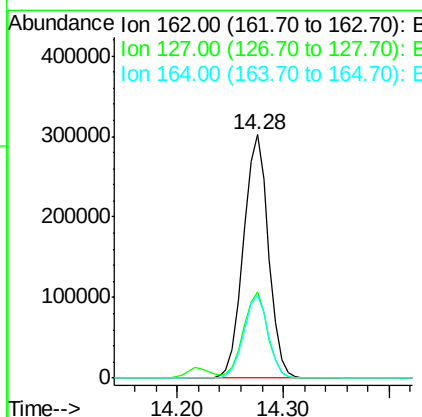
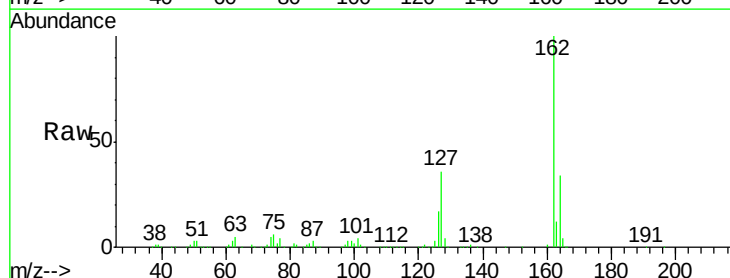
Instrument :
 BNA_G
 ClientSampleId :

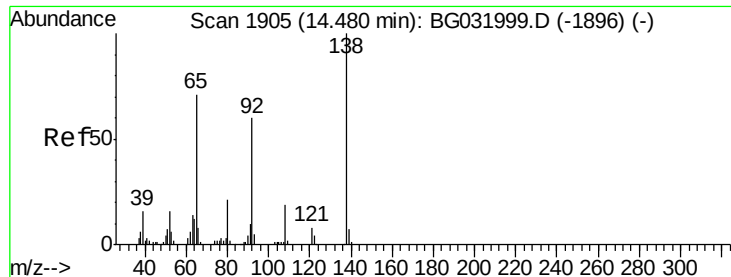
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.8	59.8
76	7.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 48.340 ng
 RT: 14.28 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 59.359 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampled :

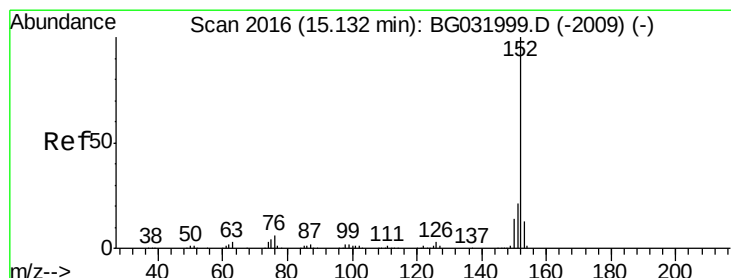
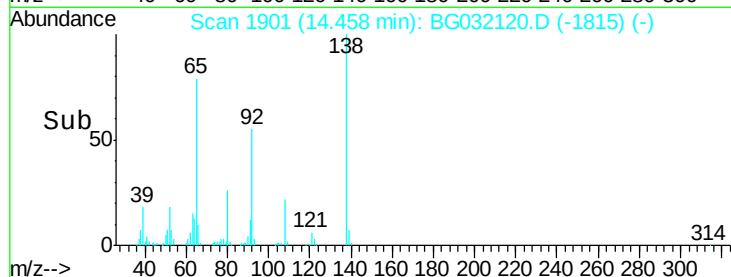
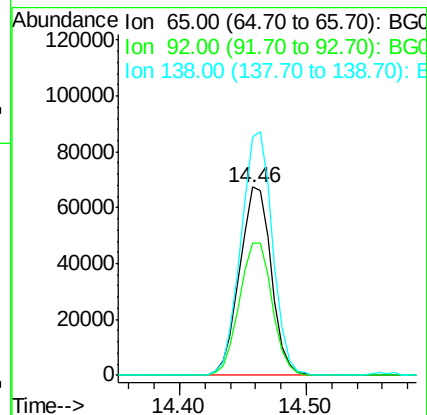
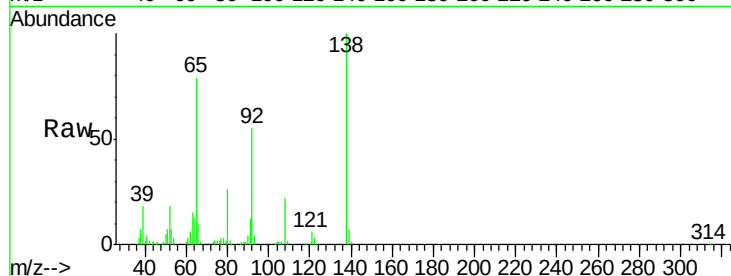
Tot Ion: 65 Resp: 116181

Ion Ratio Lower Upper

65 100

92 70.1 54.6 82.0

138 127.0 72.9 109.3#



#48

Acenaphthylene

Concen: 46.705 ng

RT: 15.11 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

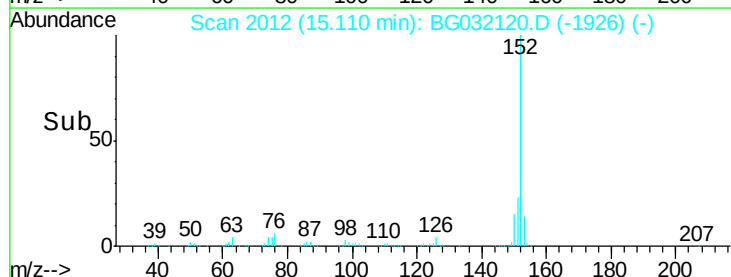
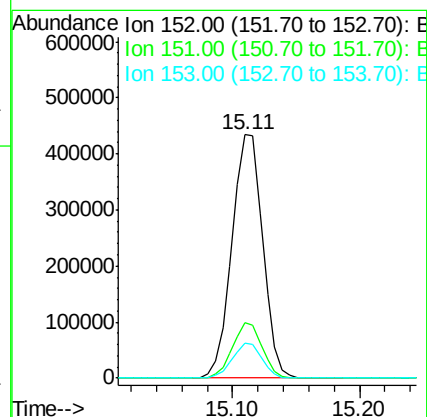
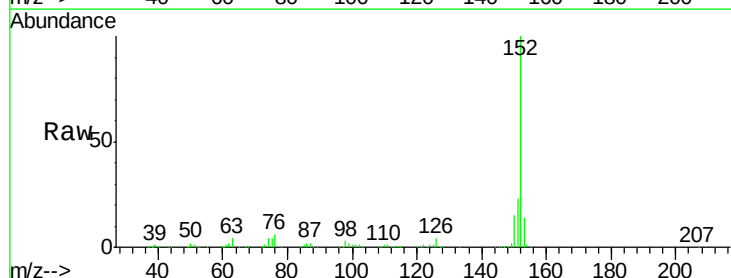
Tgt Ion: 152 Resp: 727149

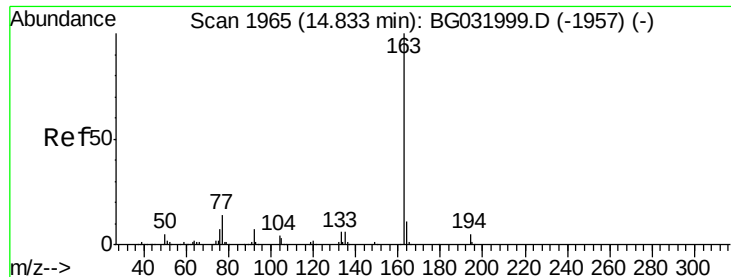
Ion Ratio Lower Upper

152 100

151 22.7 17.2 25.8

153 14.1 10.2 15.4

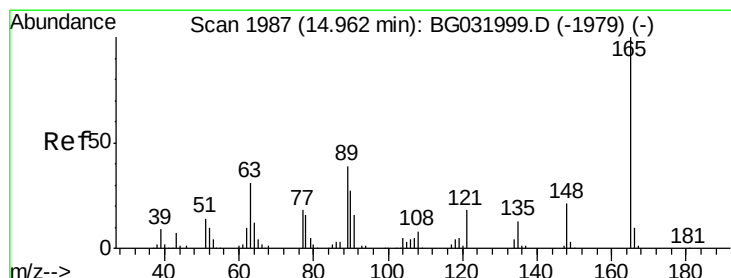
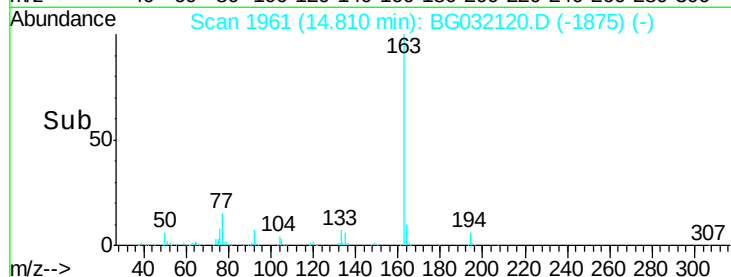
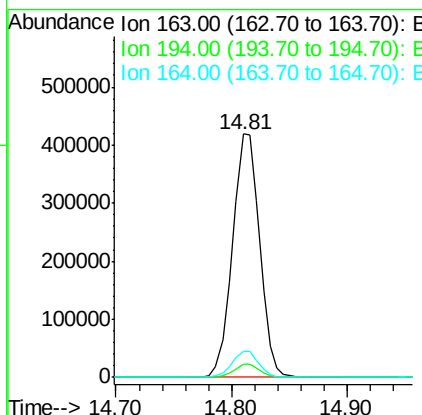
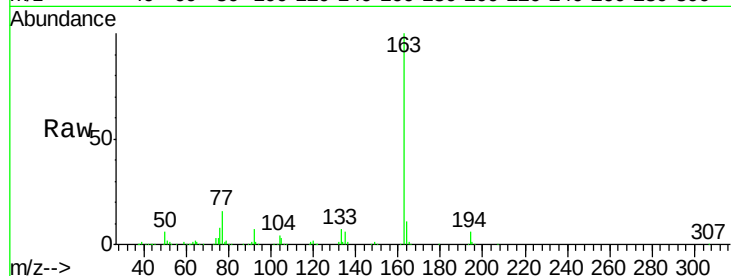




#49
Dimethylphthalate
Concen: 50.620 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

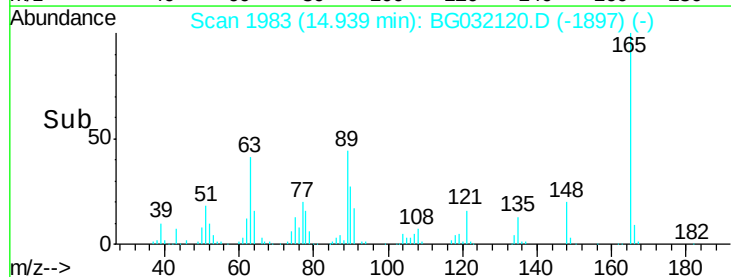
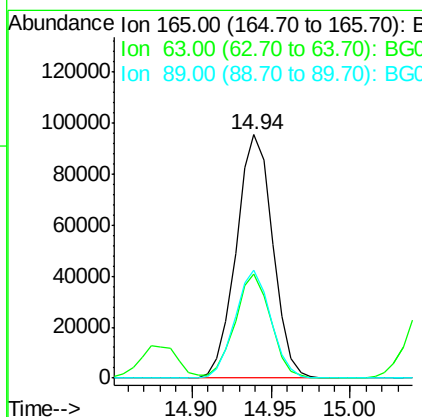
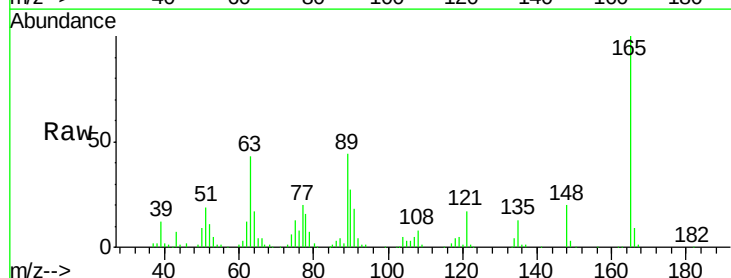
Instrument :
BNA_G
ClientSampled :

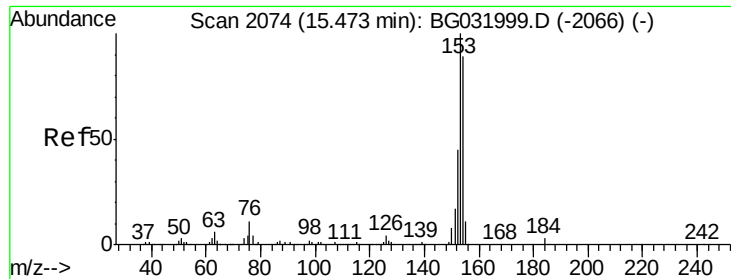
Tot Ion:163 Resp: 679081
Ion Ratio Lower Upper
163 100
194 5.5 3.4 5.2#
164 10.7 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 54.718 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:165 Resp: 152367
Ion Ratio Lower Upper
165 100
63 42.6 52.7 79.1#
89 44.2 49.2 73.8#

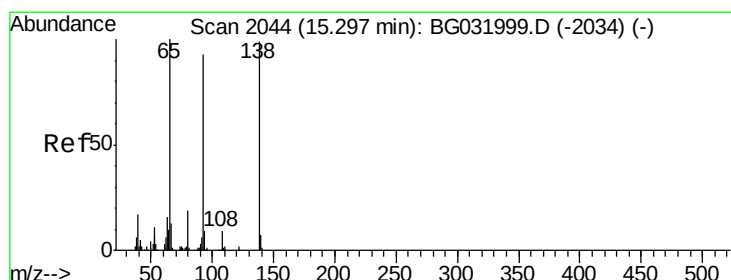
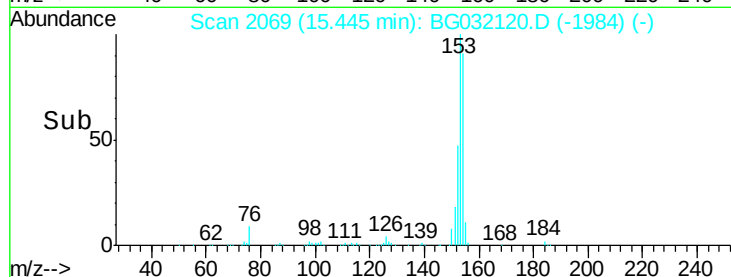
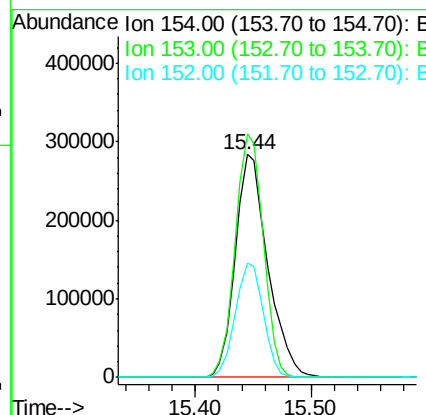
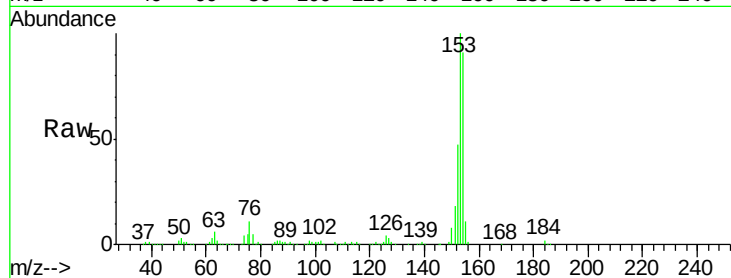




#51
Acenaphthene
Concen: 53.887 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

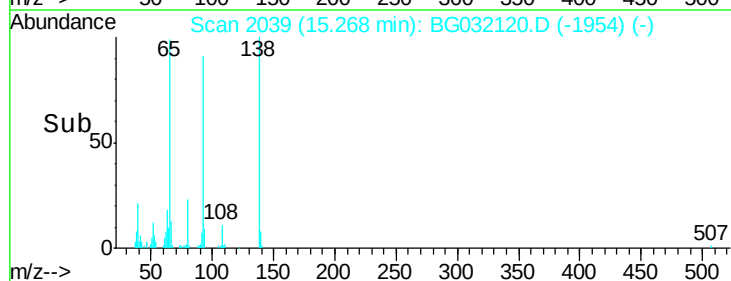
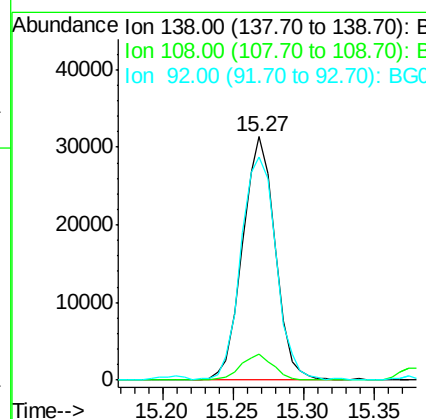
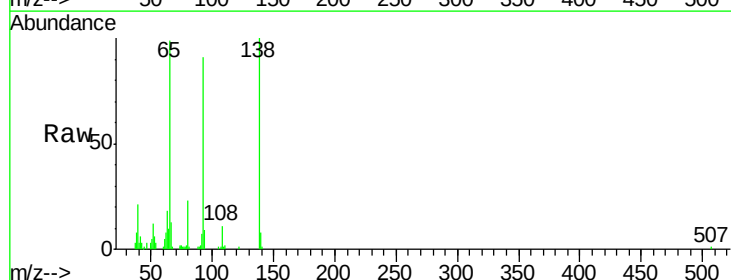
Instrument :
BNA_G
ClientSampleId :

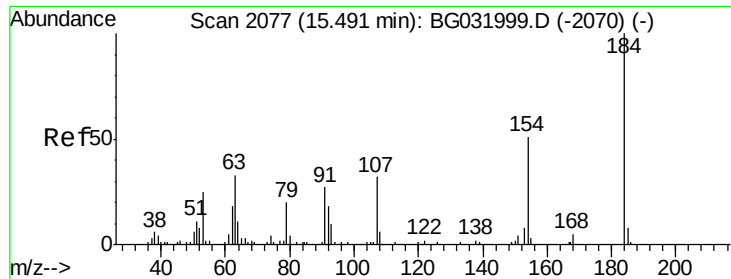
Tot Ion:154 Resp: 554759
Ion Ratio Lower Upper
154 100
153 109.4 90.4 135.6
152 51.4 41.6 62.4



#52
3-Nitroaniline
Concen: 20.146 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:138 Resp: 50668
Ion Ratio Lower Upper
138 100
108 10.8 17.5 26.3#
92 91.5 105.8 158.8#

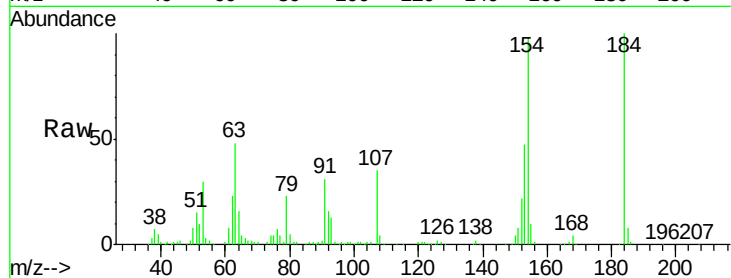




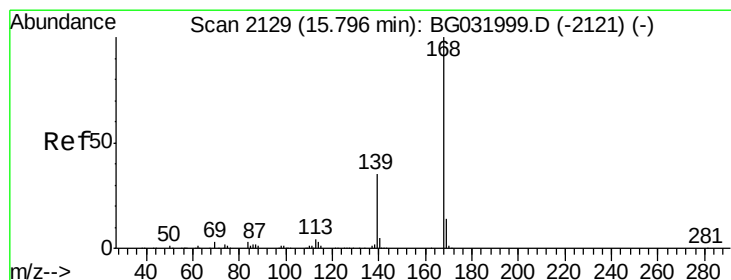
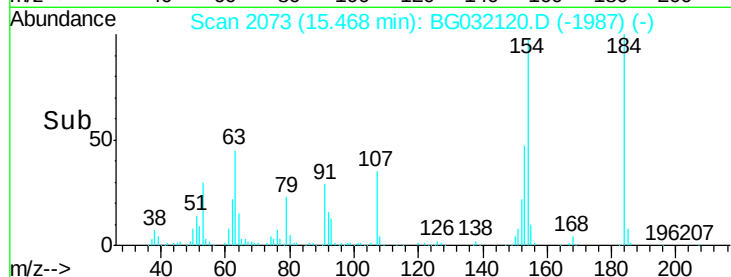
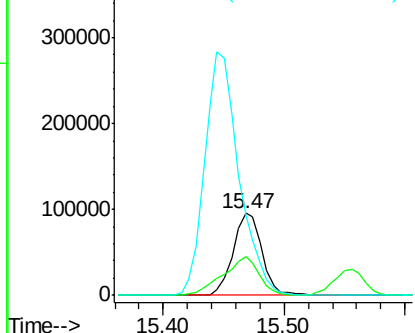
#53
2,4-Dinitrophenol
Concen: 110.511 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 158429
Ion Ratio Lower Upper
184 100
63 47.8 59.8 89.8#
154 97.7 101.8 152.8#

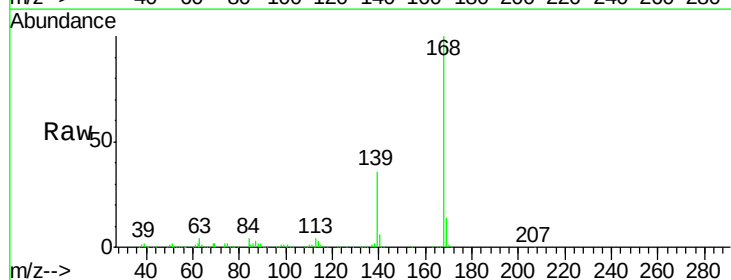


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

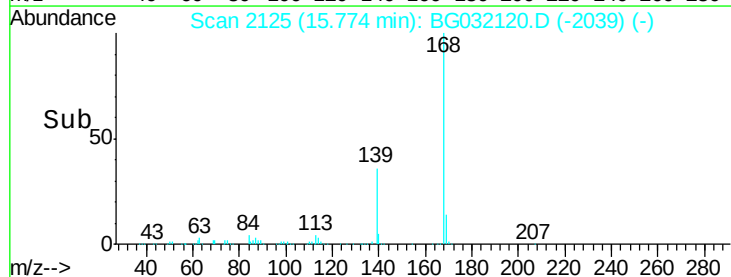
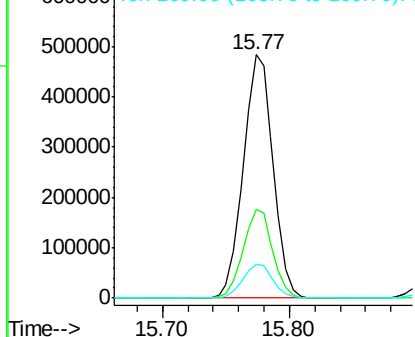


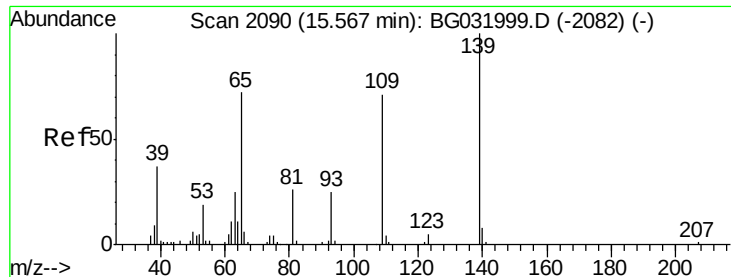
#54
Dibenzofuran
Concen: 51.079 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:168 Resp: 784445
Ion Ratio Lower Upper
168 100
139 36.4 28.6 43.0
169 13.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

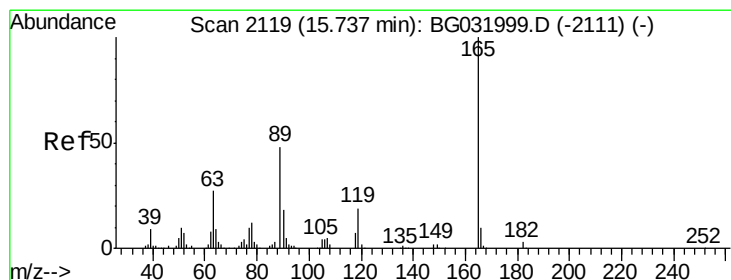
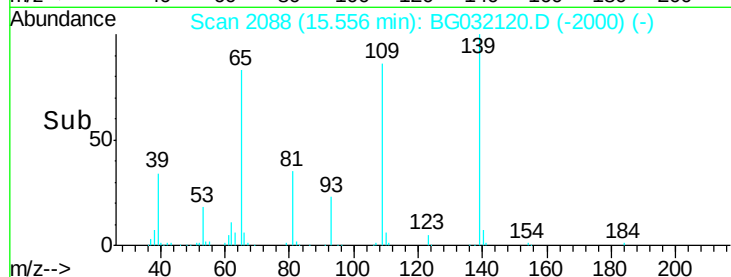
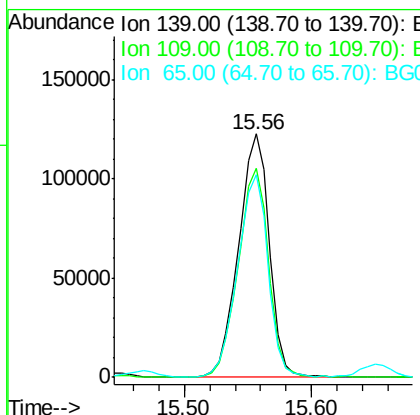
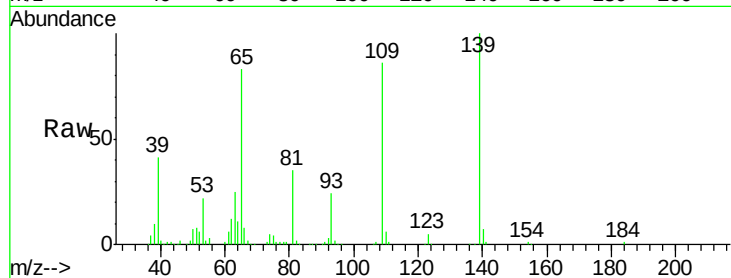




#55
4-Nitrophenol
Concen: 112.474 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

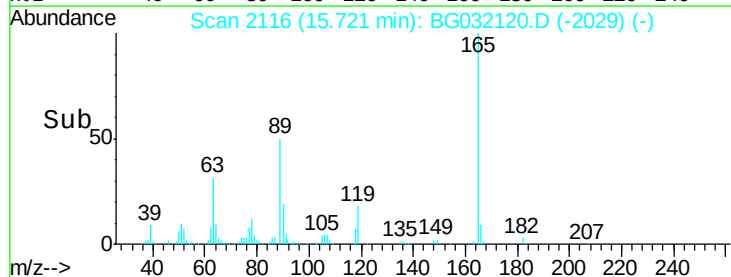
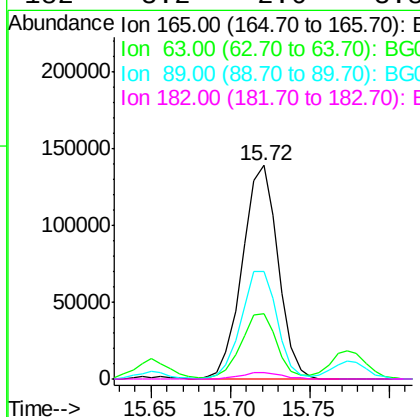
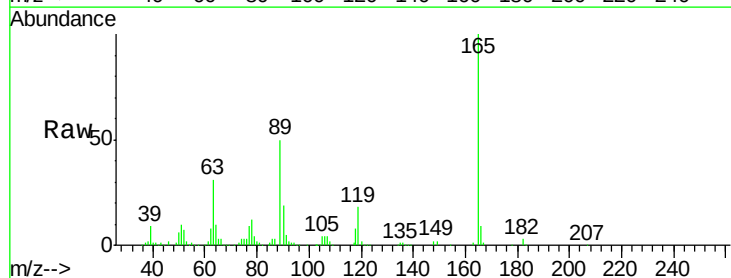
Instrument :
BNA_G
ClientSampleId :

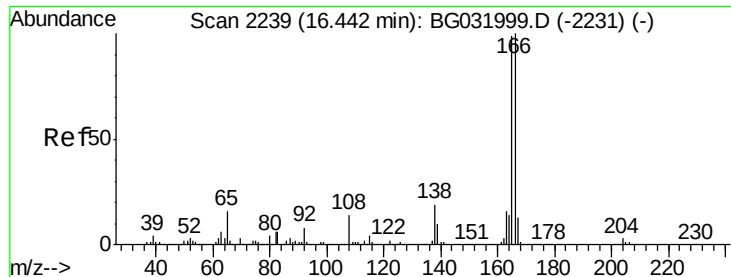
Tot Ion:139 Resp: 206146
Ion Ratio Lower Upper
139 100
109 85.8 62.2 102.2
65 83.4 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 57.600 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:165 Resp: 215938
Ion Ratio Lower Upper
165 100
63 30.8 42.0 63.0#
89 50.4 66.9 100.3#
182 3.2 2.6 3.8

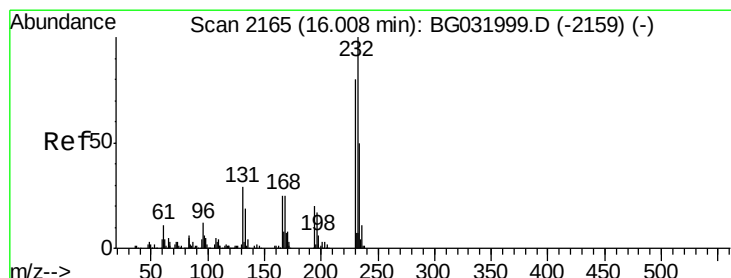
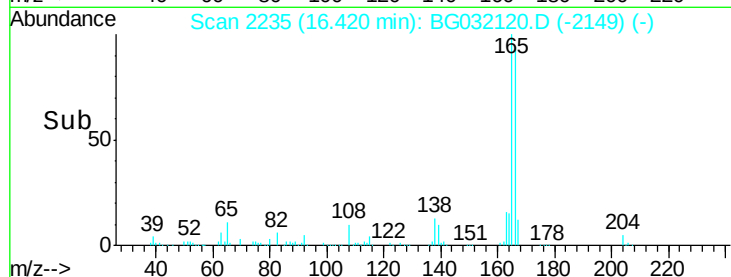
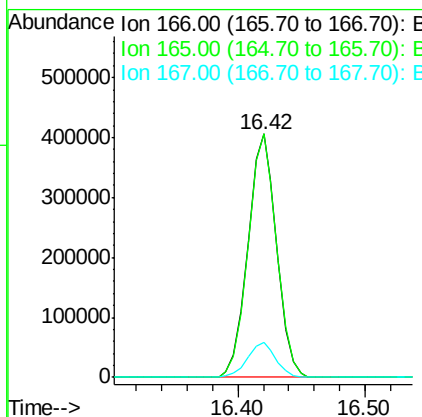
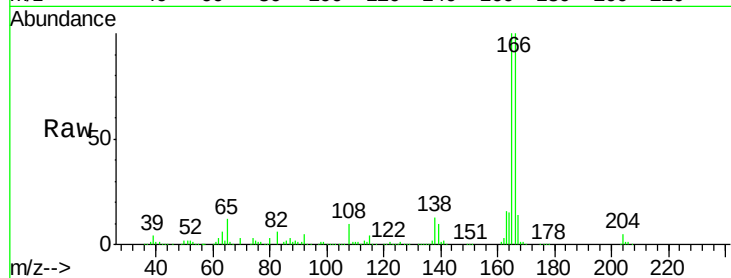




#57
 Fluorene
 Concen: 50.405 ng
 RT: 16.42 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

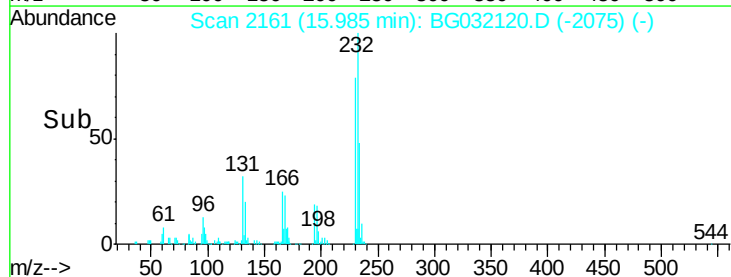
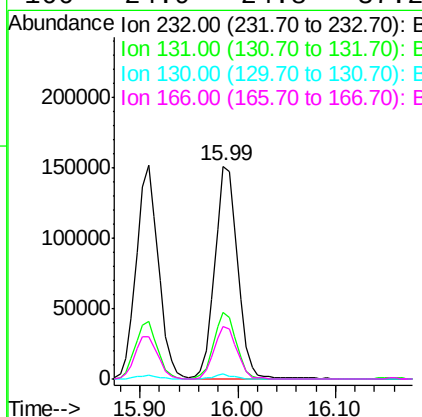
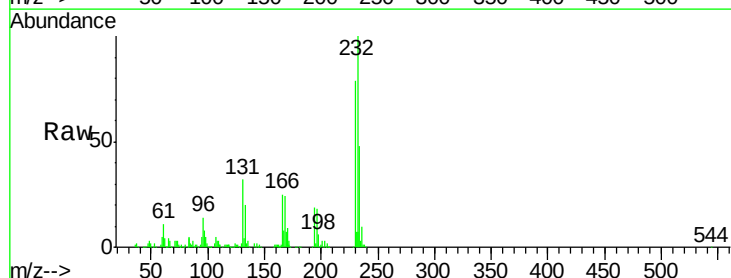
Instrument :
 BNA_G
 ClientSampled :

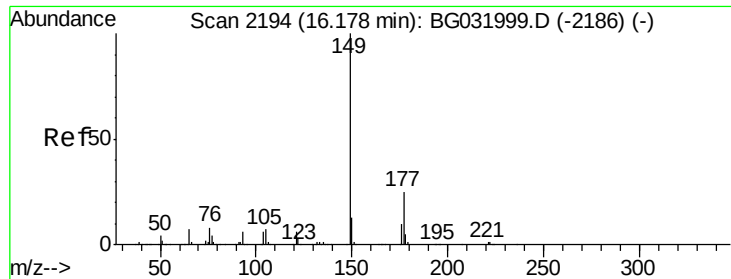
Tot Ion:166 Resp: 634869
 Ion Ratio Lower Upper
 166 100
 165 99.8 80.6 121.0
 167 14.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 60.949 ng
 RT: 15.99 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion:232 Resp: 245045
 Ion Ratio Lower Upper
 232 100
 131 30.4 33.5 50.3#
 130 1.8 2.2 3.2#
 166 24.9 24.8 37.2

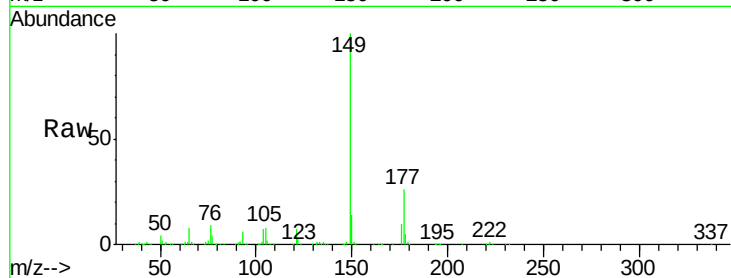




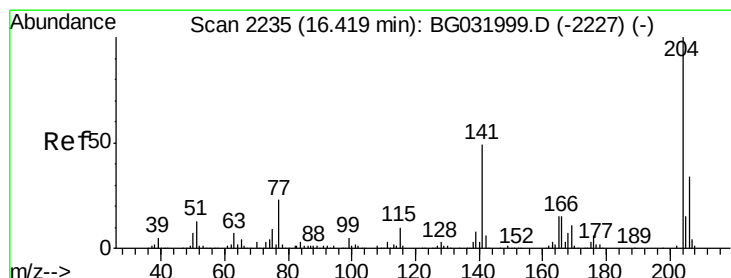
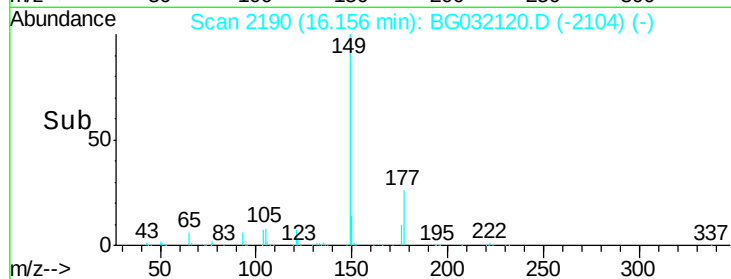
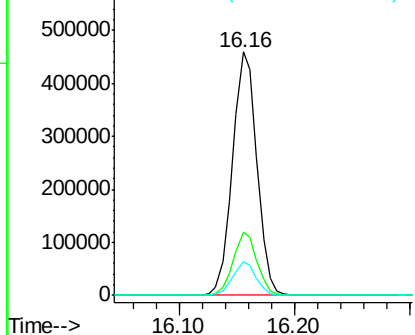
#59
Diethylphthalate
Concen: 51.486 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.1	18.5	27.7
150	13.8	10.2	15.2

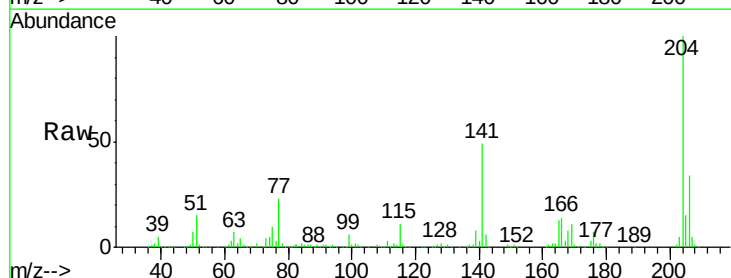


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

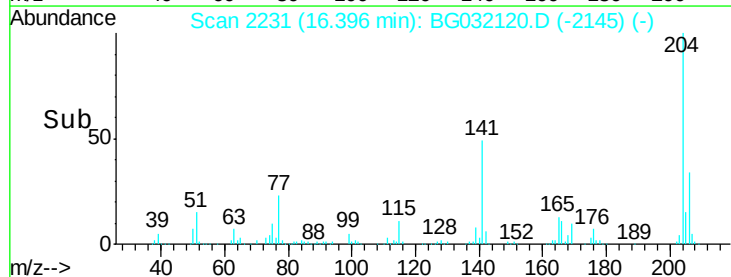
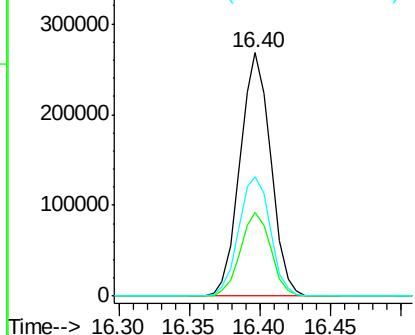


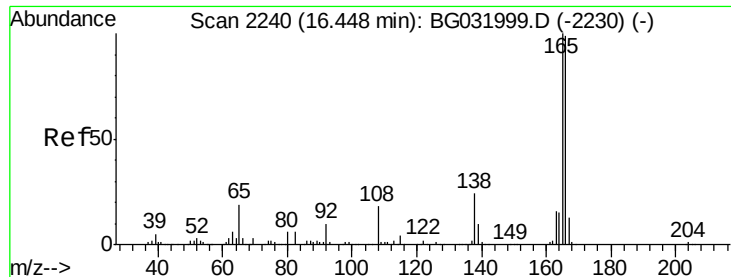
#60
4-Chlorophenyl-phenylether
Concen: 52.820 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	49.2	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

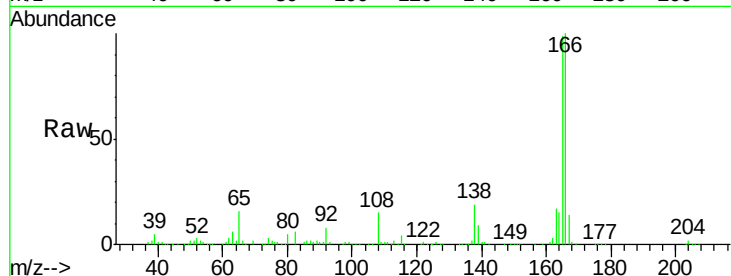




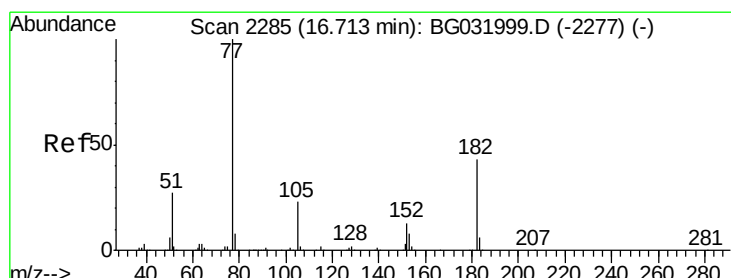
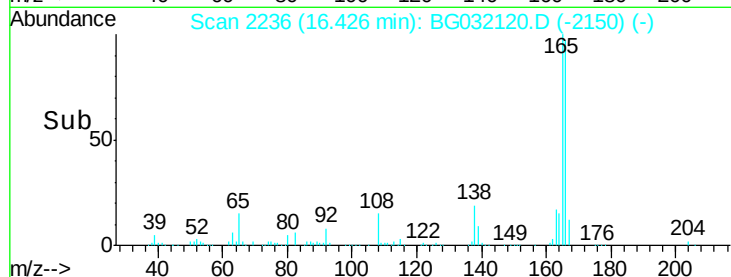
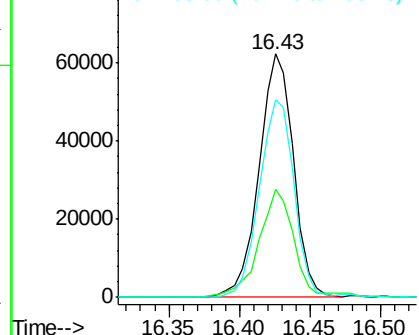
#61
4-Nitroaniline
Concen: 44.172 ng
RT: 16.43 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 106566
Ion Ratio Lower Upper
138 100
92 44.1 40.1 80.1
108 81.2 65.4 105.4

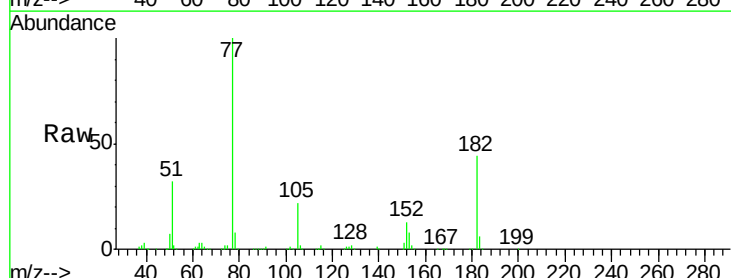


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

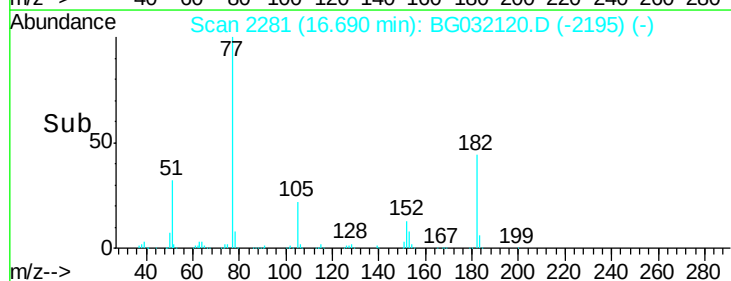
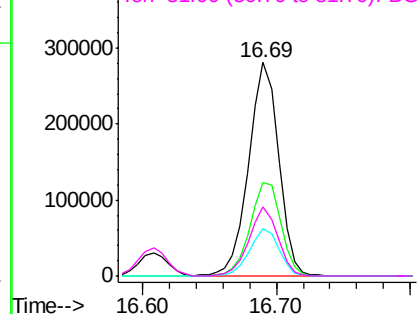


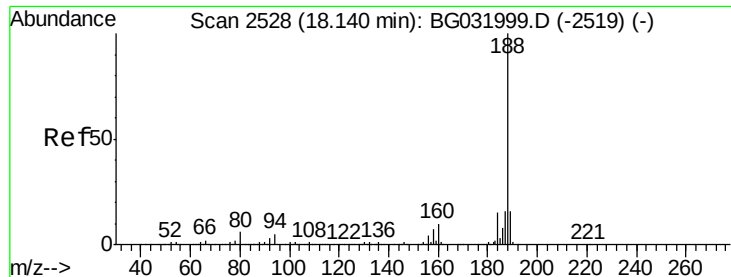
#62
Azobenzene
Concen: 53.407 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion: 77 Resp: 434743
Ion Ratio Lower Upper
77 100
182 43.6 7.4 47.4
105 21.9 0.3 40.3
51 32.1 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BG
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): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.12 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

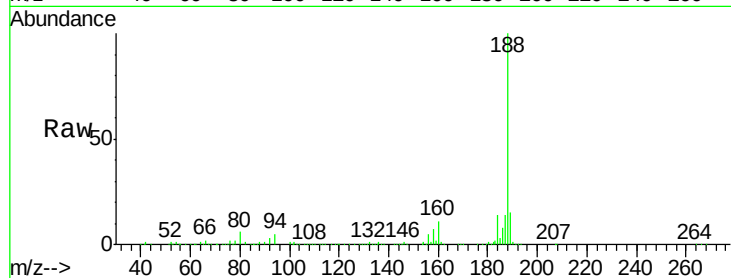
Tot Ion:188 Resp: 398657

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

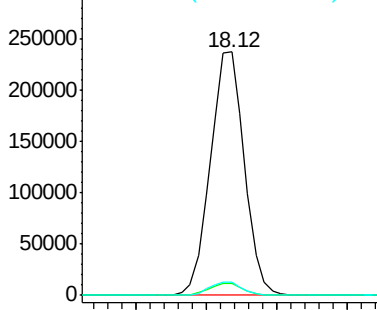
80 5.6 7.7 11.5#



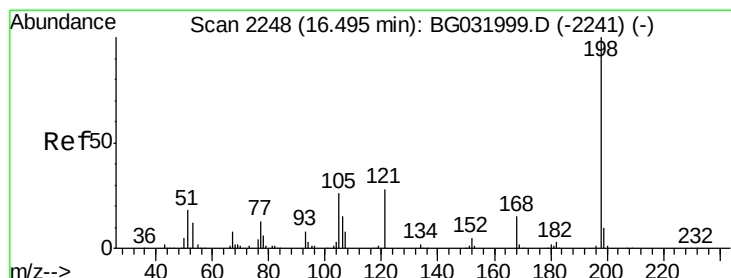
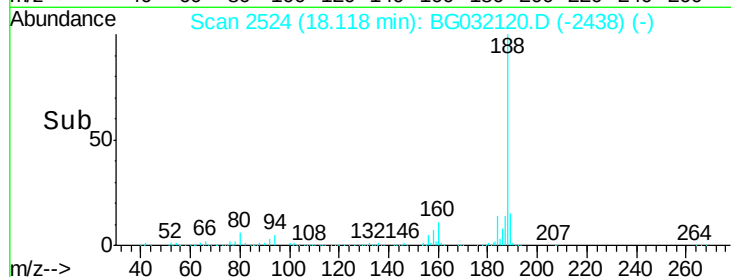
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.017 ng

RT: 16.47 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

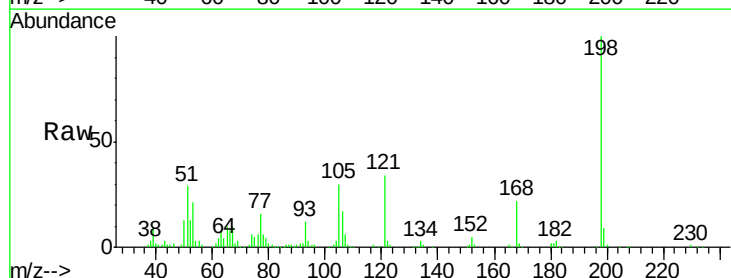
Tgt Ion:198 Resp: 114006

Ion Ratio Lower Upper

198 100

51 28.6 30.6 70.6#

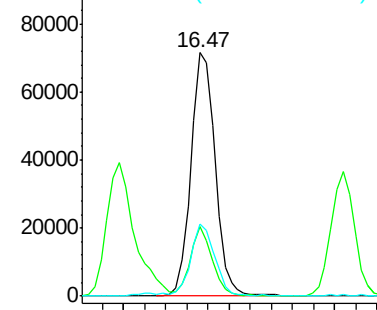
105 29.9 23.8 63.8



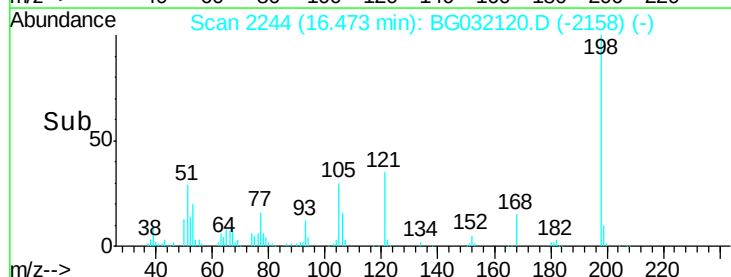
Abundance Ion 198.00 (197.70 to 198.70): E

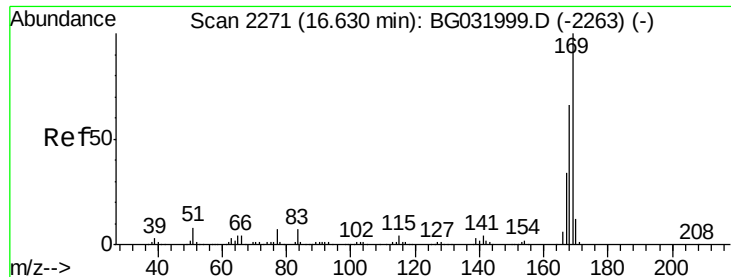
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 49.432 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampled :

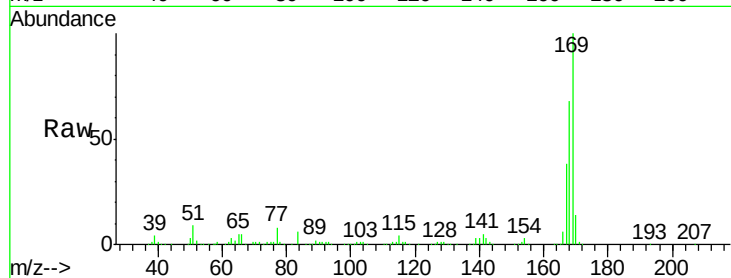
Tot Ion:169 Resp: 597971

Ion Ratio Lower Upper

169 100

168 68.2 55.7 83.5

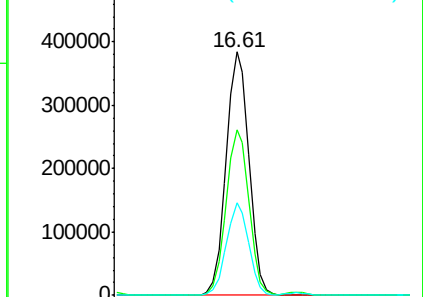
167 38.1 30.1 45.1



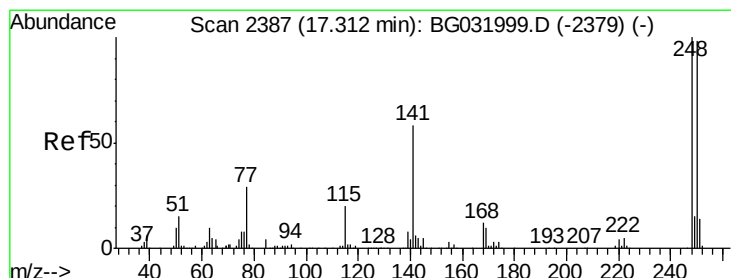
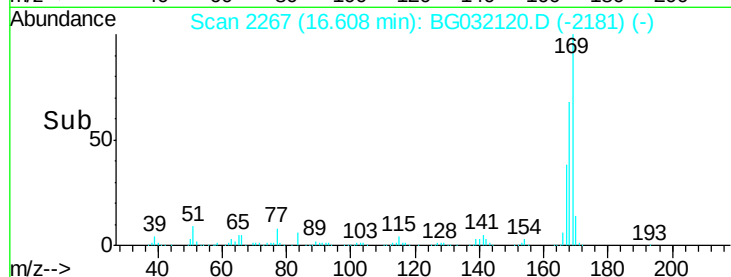
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 16.50 16.60 16.70



#66

4-Bromophenyl-phenylether

Concen: 52.611 ng

RT: 17.29 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

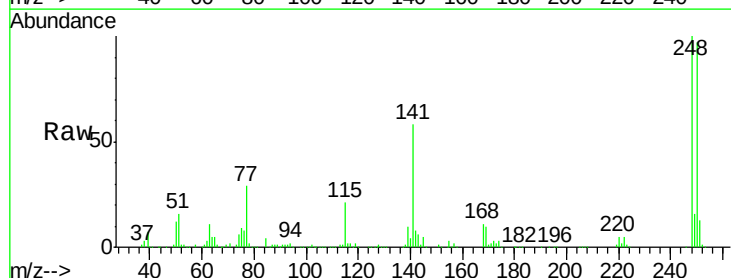
Tgt Ion:248 Resp: 298419

Ion Ratio Lower Upper

248 100

250 97.4 77.1 115.7

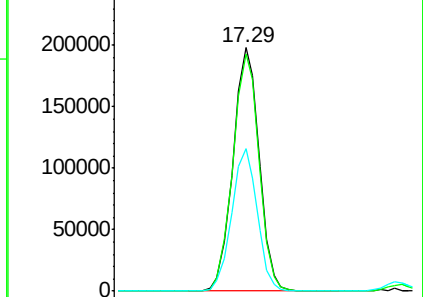
141 58.3 50.8 76.2



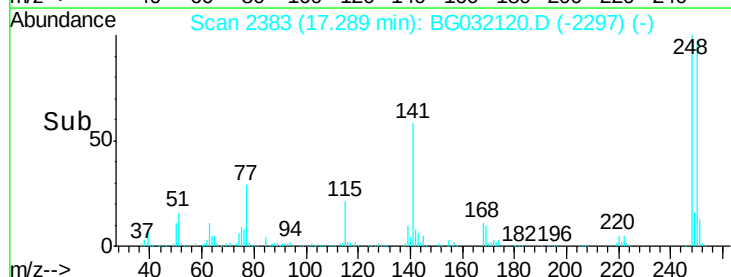
Abundance Ion 248.00 (247.70 to 248.70): E

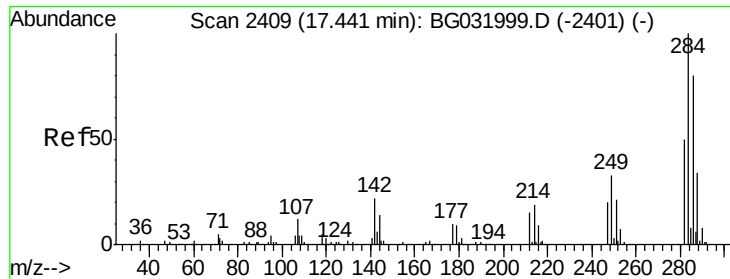
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 17.20 17.30 17.40





#67

Hexachlorobenzene

Concen: 47.064 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

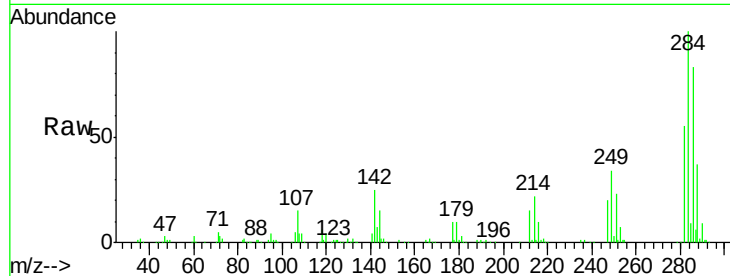
Tot Ion:284 Resp: 295342

Ion Ratio Lower Upper

284 100

142 25.3 26.8 40.2#

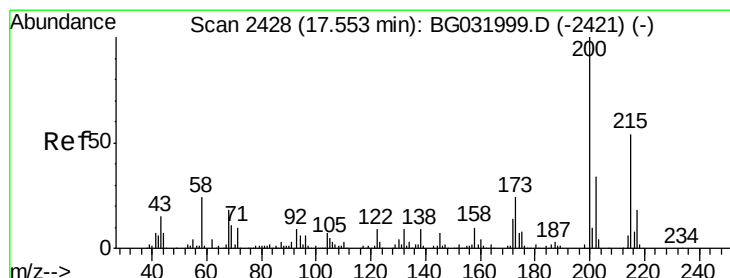
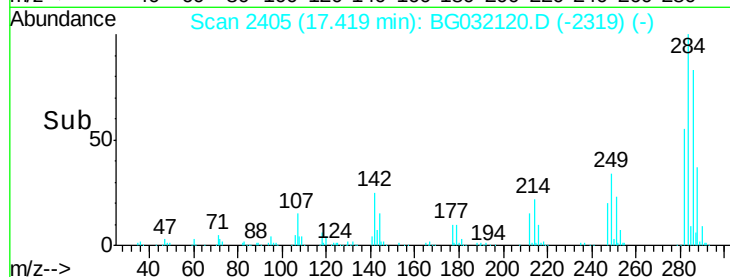
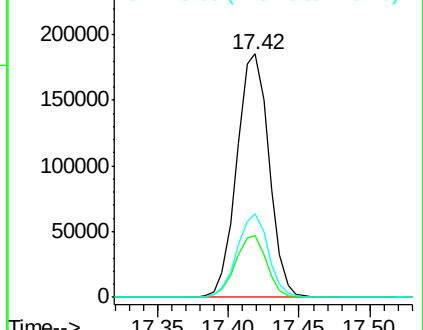
249 34.5 26.3 39.5



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: 53.802 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

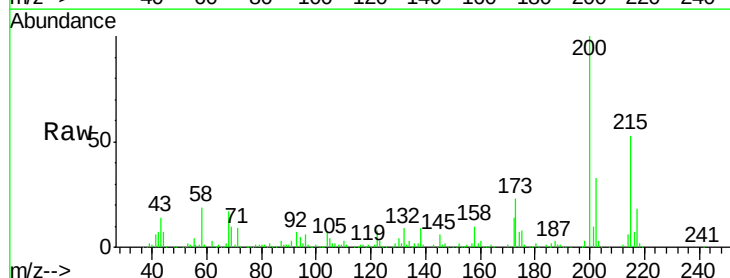
Tgt Ion:200 Resp: 273708

Ion Ratio Lower Upper

200 100

173 22.9 5.2 45.2

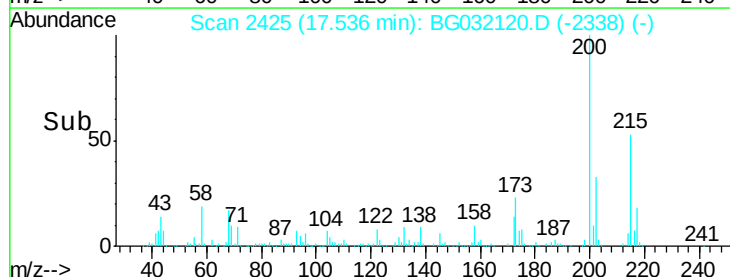
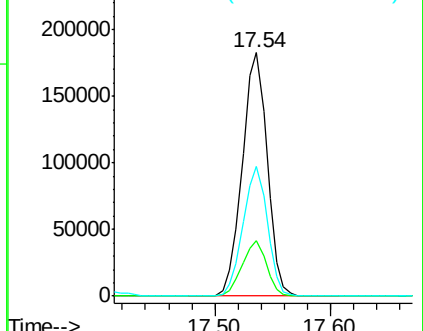
215 53.3 30.4 70.4

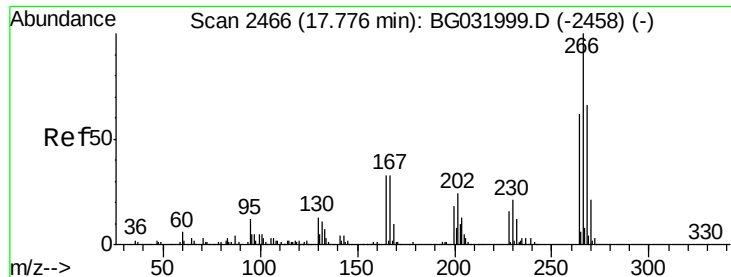


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

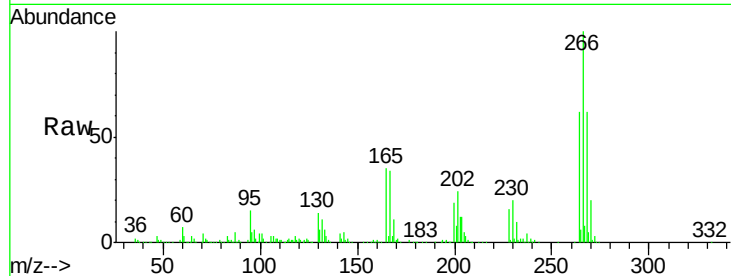




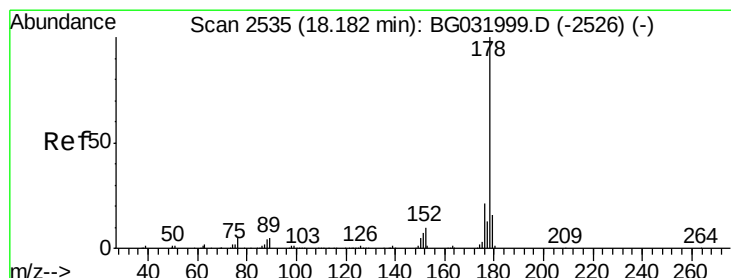
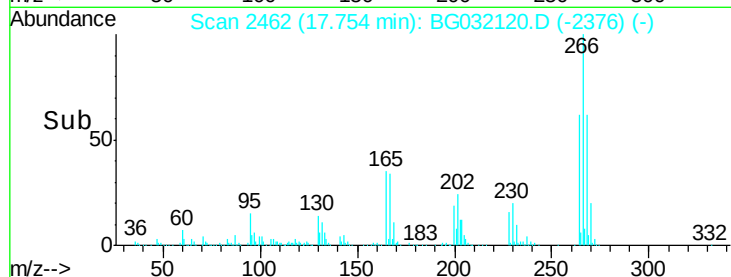
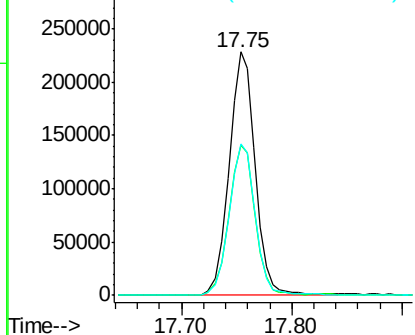
#69
 Pentachlorophenol
 Concen: 93.832 ng
 RT: 17.75 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 376374
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 62.1 49.6 74.4

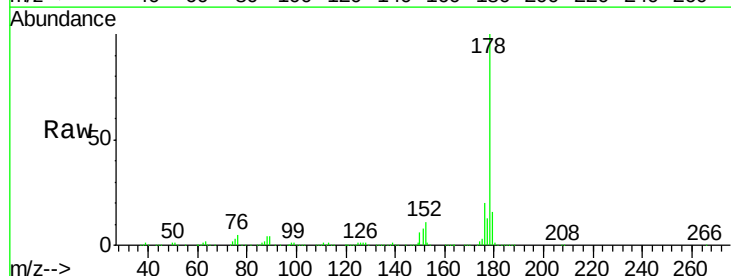


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

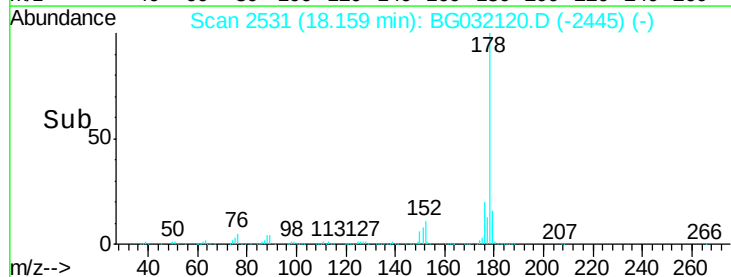
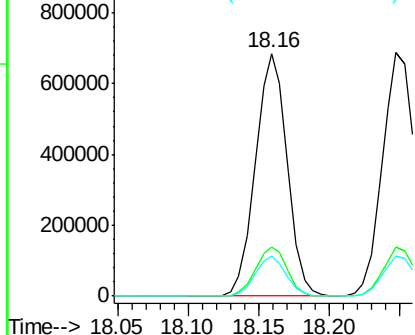


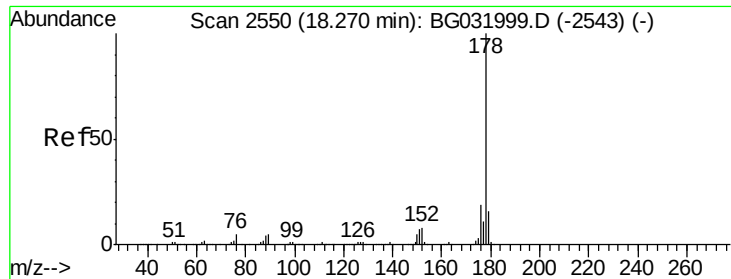
#70
 Phenanthrene
 Concen: 48.534 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion:178 Resp: 1077254
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 16.4 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

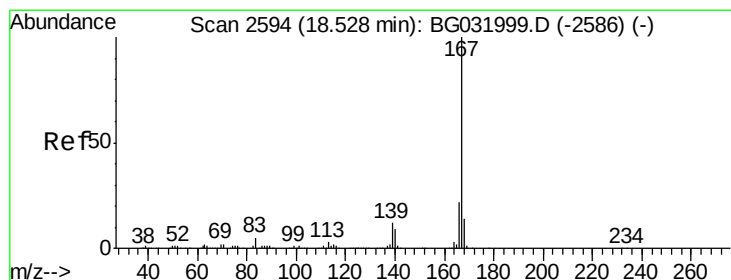
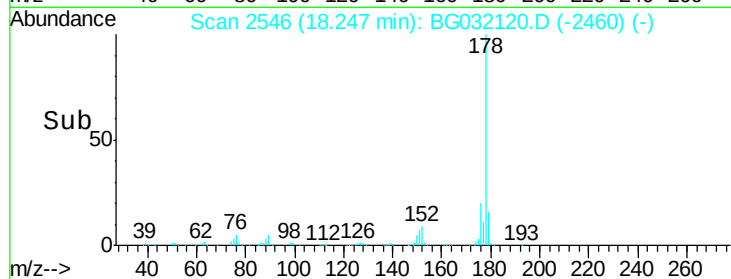
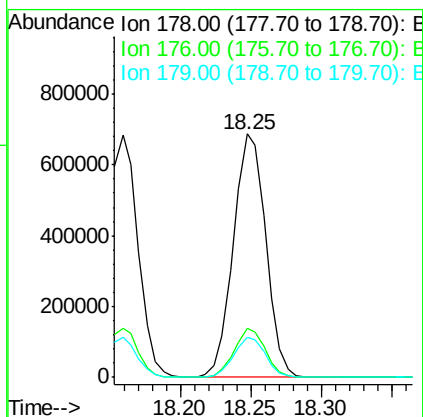
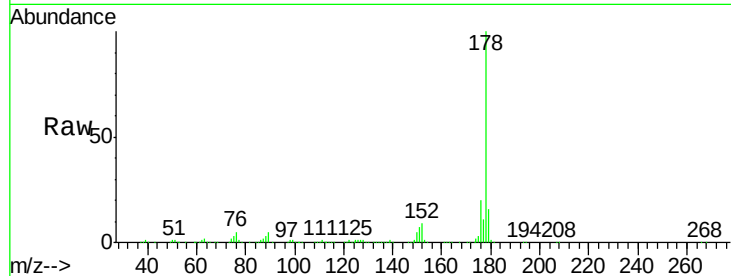




#71
 Anthracene
 Concen: 49.664 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

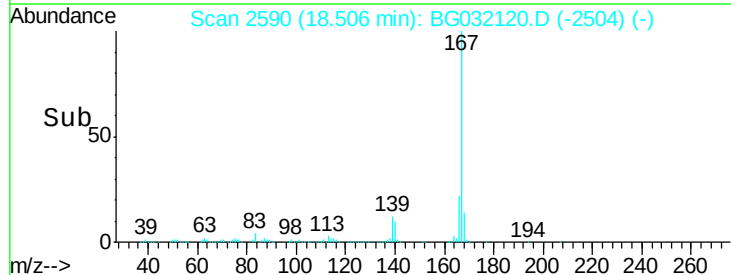
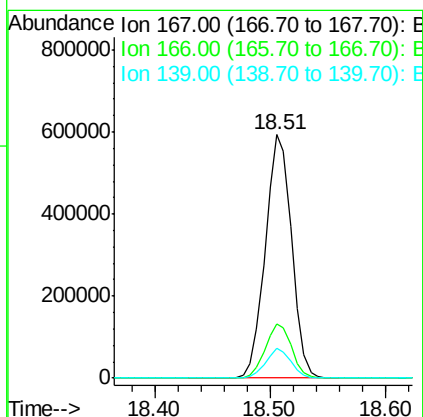
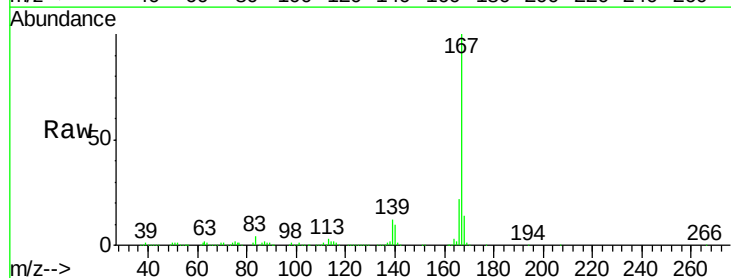
Instrument :
 BNA_G
 ClientSampleId :

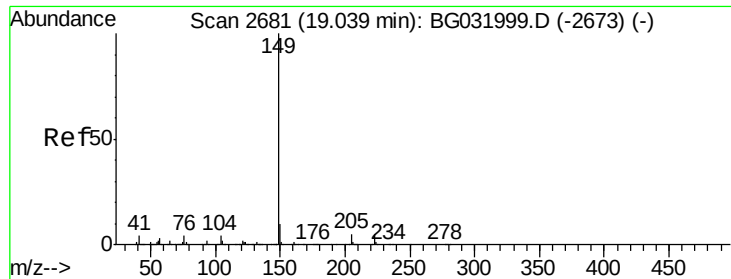
Tot Ion:178 Resp: 1099443
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 48.999 ng
 RT: 18.51 min Scan# 2590
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion:167 Resp: 940979
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 12.1 9.4 14.2

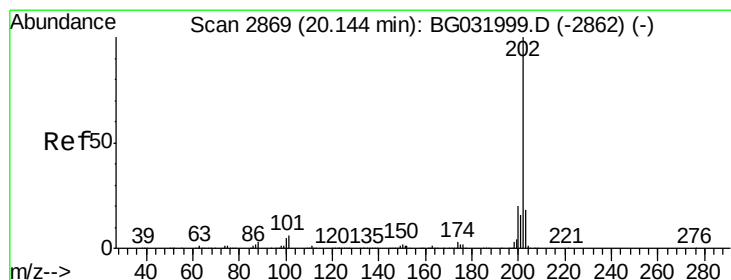
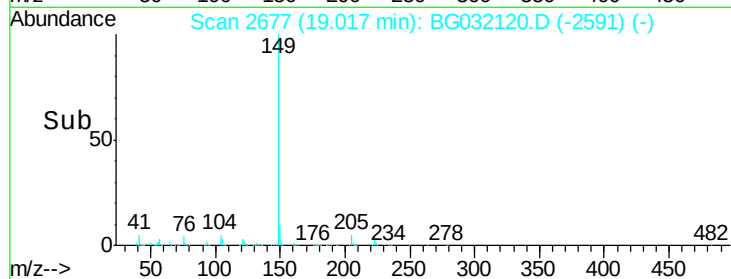
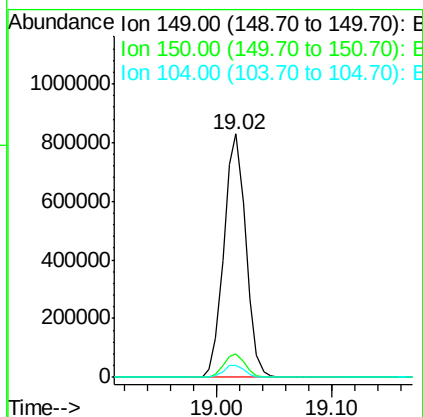
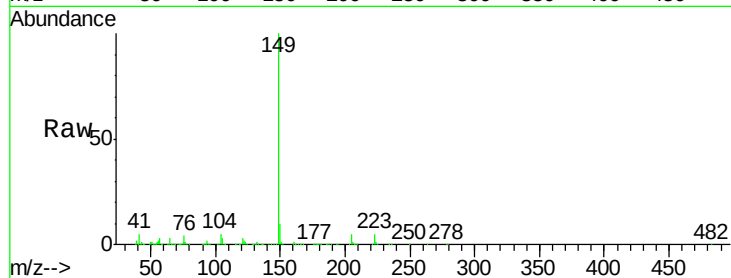




#73
Di-n-butylphthalate
Concen: 47.929 ng
RT: 19.02 min Scan# 2677
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

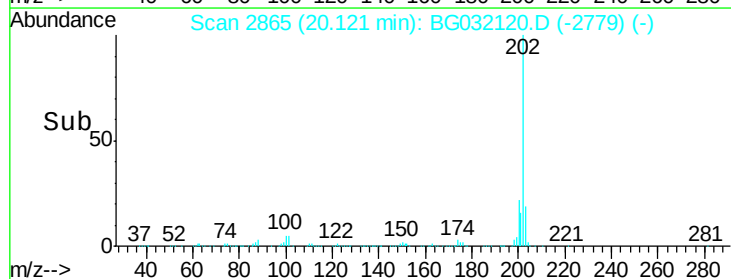
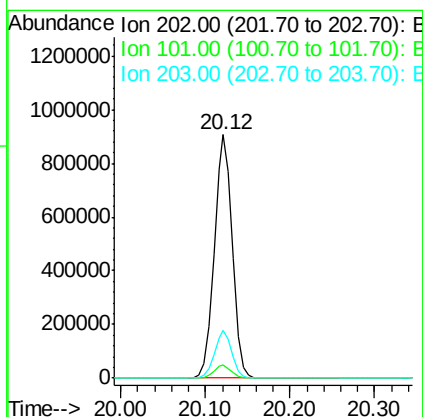
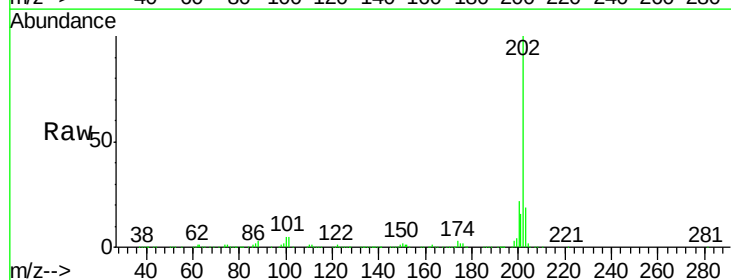
Instrument :
BNA_G
ClientSampleId :

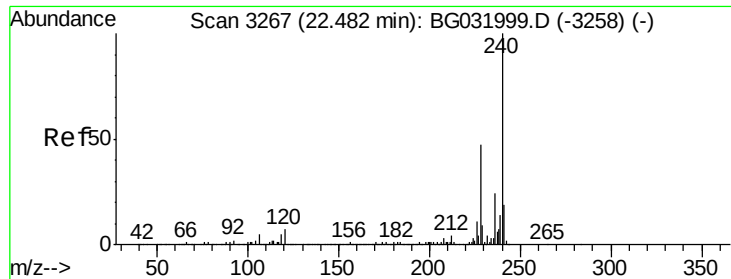
Tot Ion:149 Resp: 1087632
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 48.557 ng
RT: 20.12 min Scan# 2865
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:202 Resp: 1349418
Ion Ratio Lower Upper
202 100
101 5.3 0.0 28.9
203 19.4 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3262

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

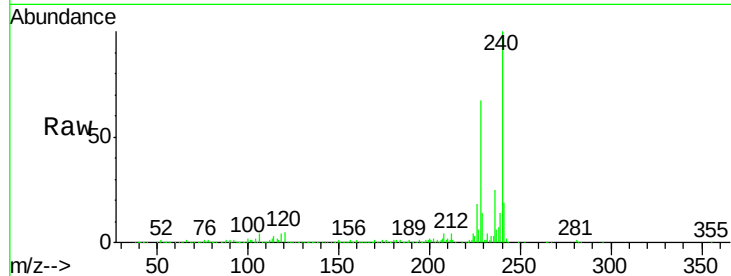
Tot Ion:240 Resp: 455406

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

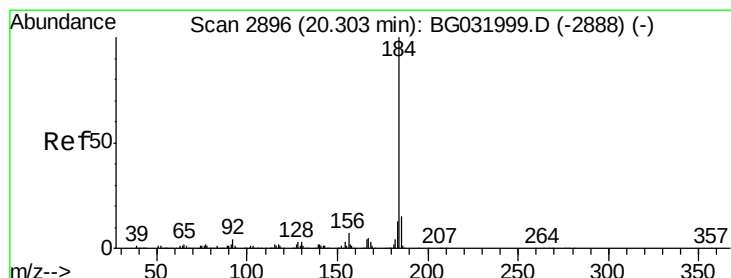
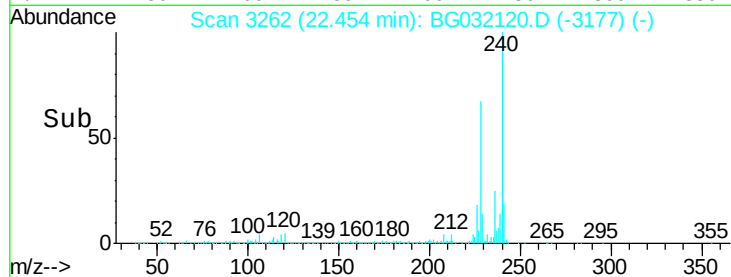
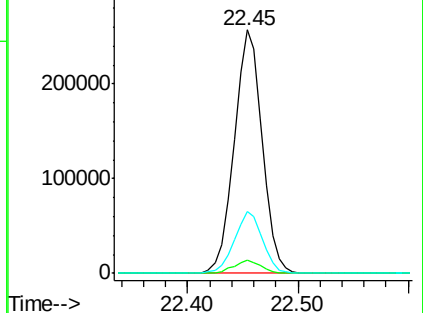
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.296 ng

RT: 20.28 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

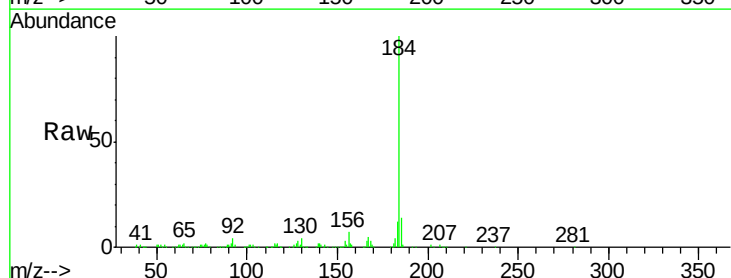
Tgt Ion:184 Resp: 219737

Ion Ratio Lower Upper

184 100

185 13.6 11.1 16.7

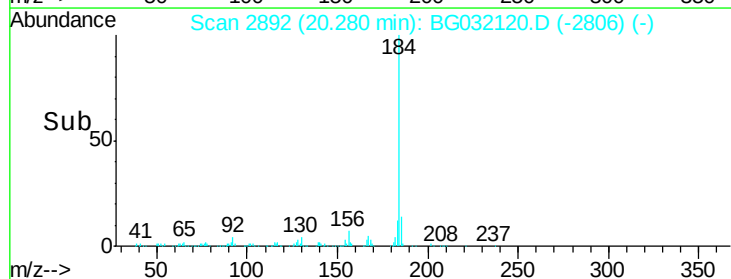
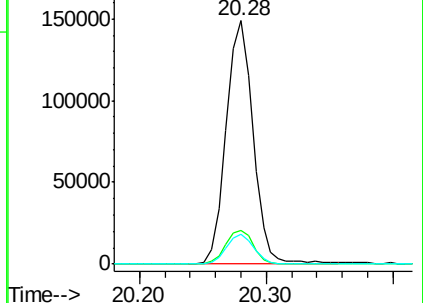
183 12.3 10.6 16.0

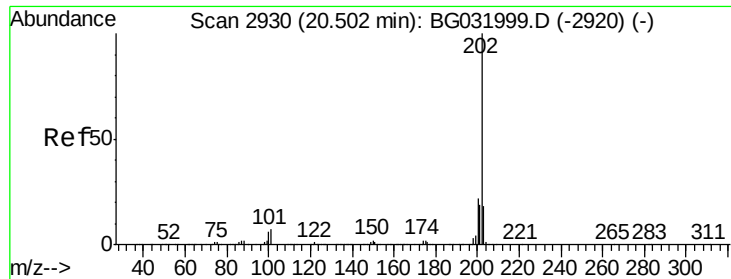


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.462 ng

RT: 20.48 min Scan# 2926

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

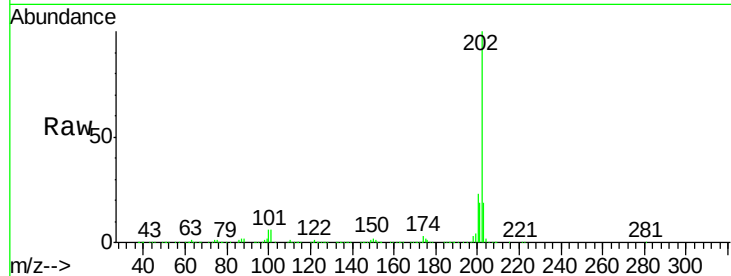
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1358768

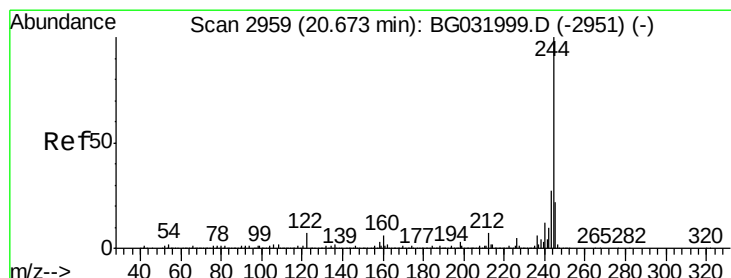
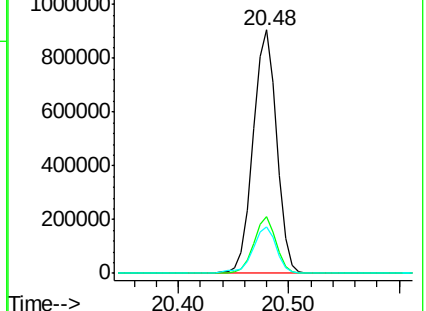
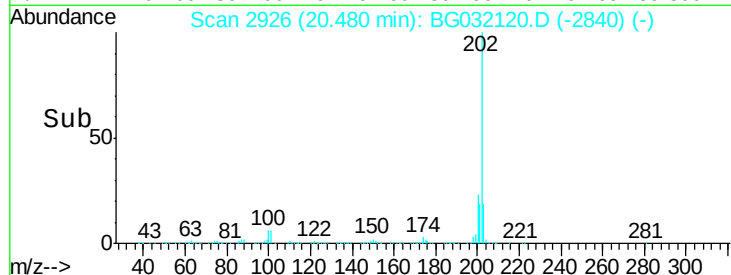
Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.9	25.3
203	19.2	13.9	20.9



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: 100.719 ng

RT: 20.65 min Scan# 2955

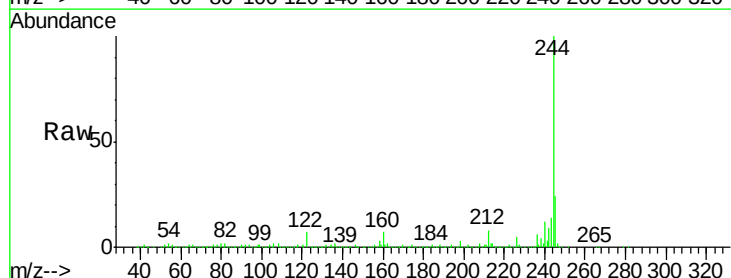
Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Tgt Ion:244 Resp: 2077319

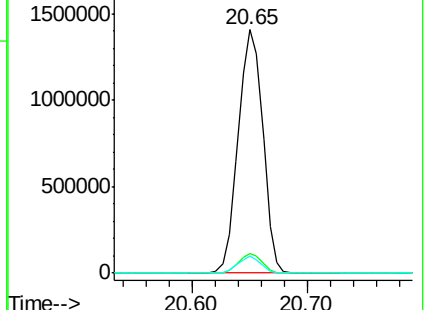
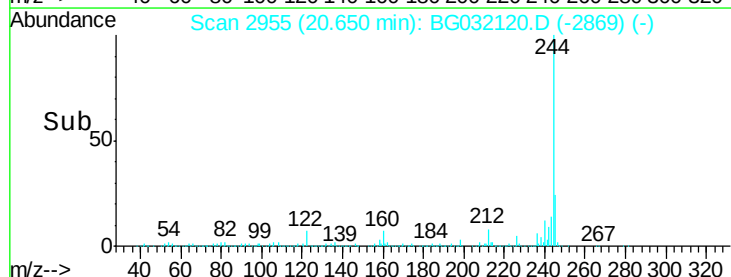
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.9	7.0	10.4#

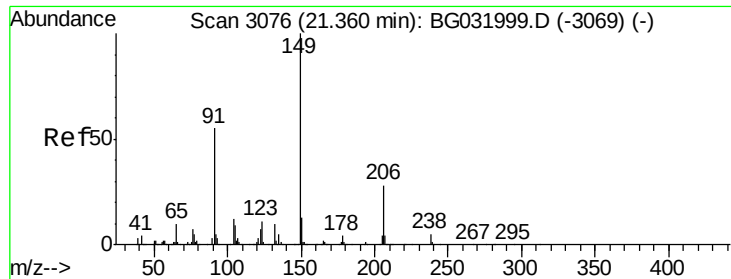


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

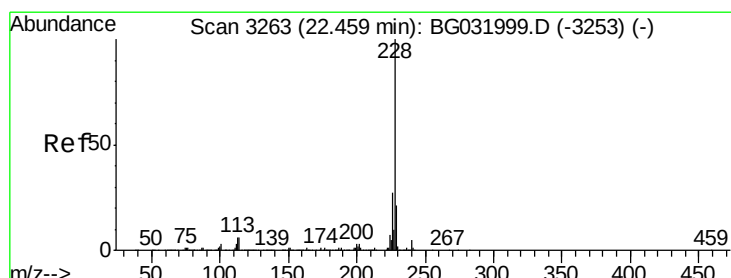
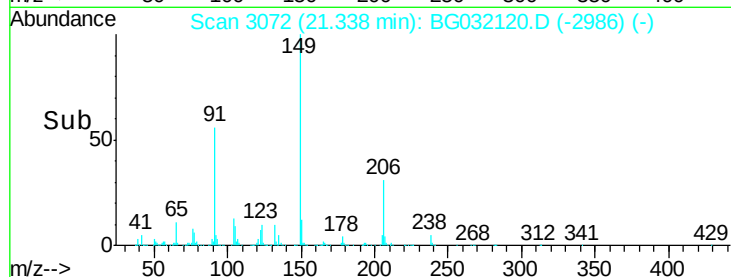
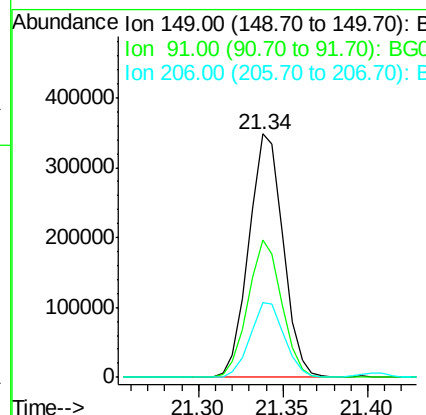
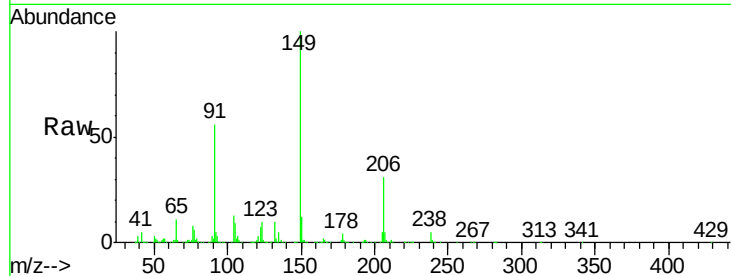




#79
Butylbenzylphthalate
Concen: 48.126 ng
RT: 21.34 min Scan# 3072
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

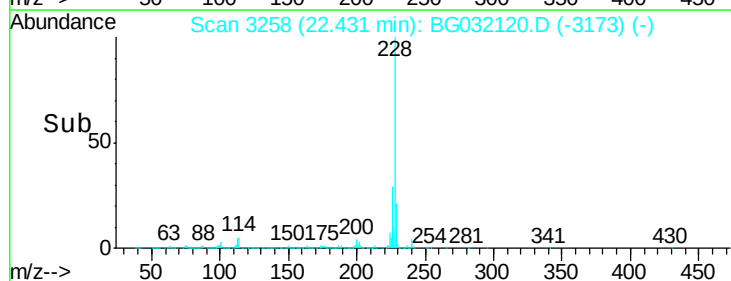
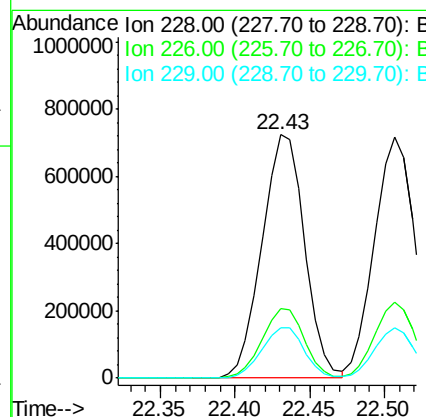
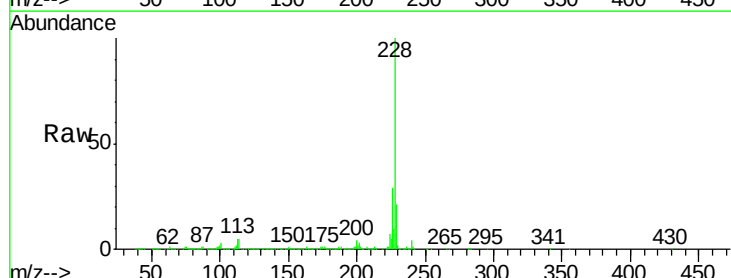
Instrument :
BNA_G
ClientSampled :

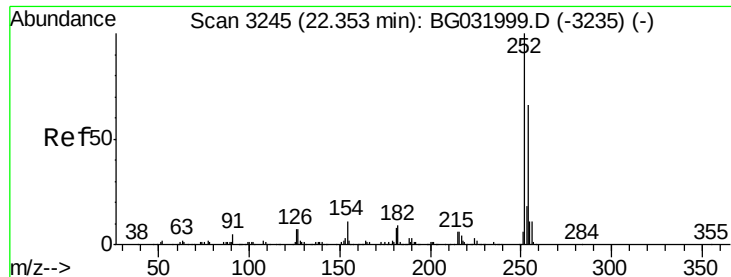
Tot Ion:149 Resp: 493637
Ion Ratio Lower Upper
149 100
91 56.4 62.2 93.2#
206 30.8 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 50.655 ng
RT: 22.43 min Scan# 3258
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:228 Resp: 1434643
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.9 16.2 24.2

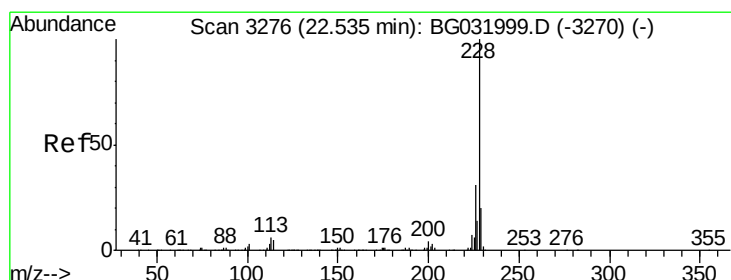
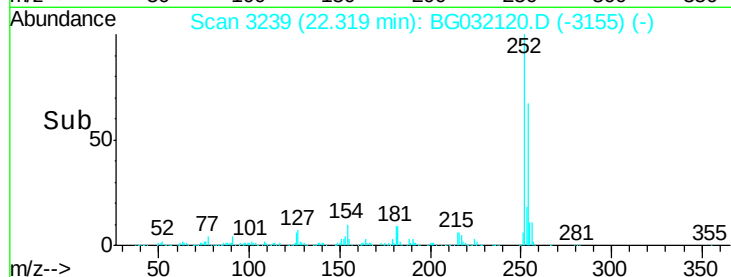
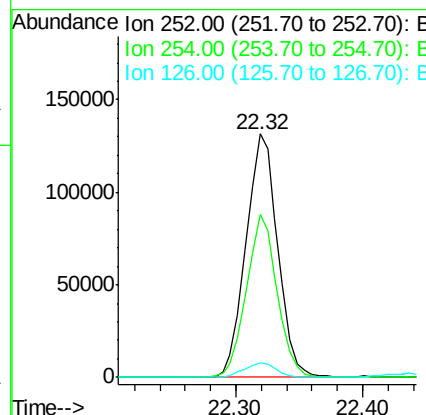
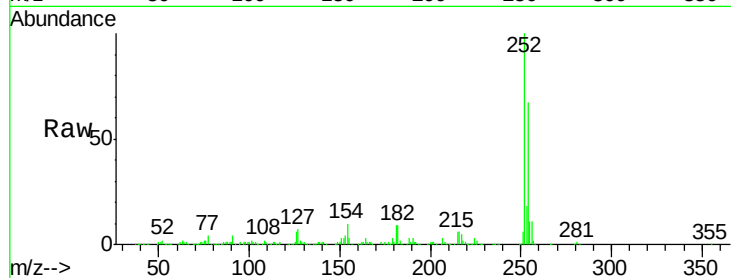




#81
 3,3'-Dichlorobenzidine
 Concen: 21.550 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

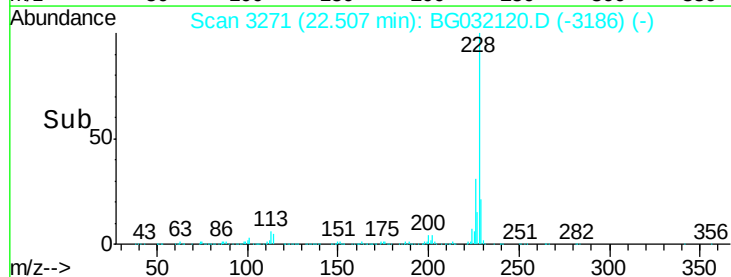
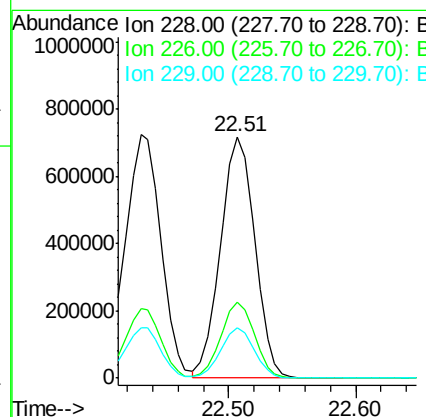
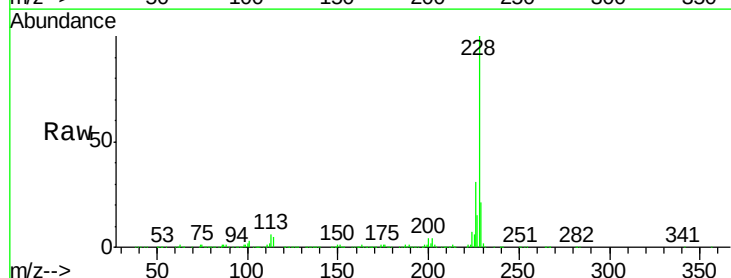
Instrument :
 BNA_G
 ClientSampleId :

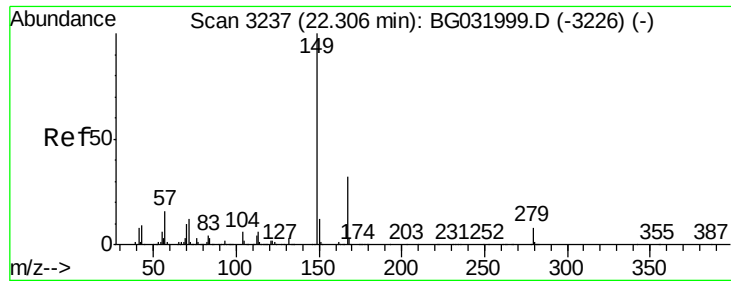
Tot Ion:252 Resp: 227994
 Ion Ratio Lower Upper
 252 100
 254 67.1 50.8 76.2
 126 6.1 7.4 11.2#



#82
 Chrysene
 Concen: 49.505 ng
 RT: 22.51 min Scan# 3271
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion:228 Resp: 1346522
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.6 15.0 22.4

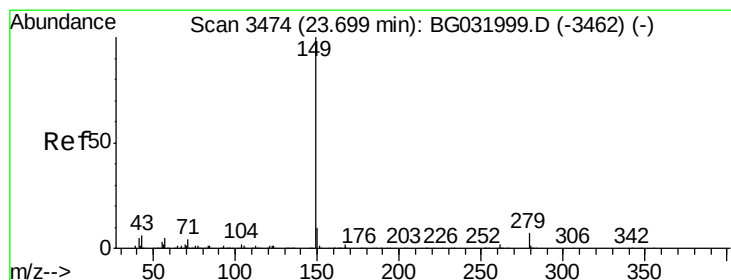
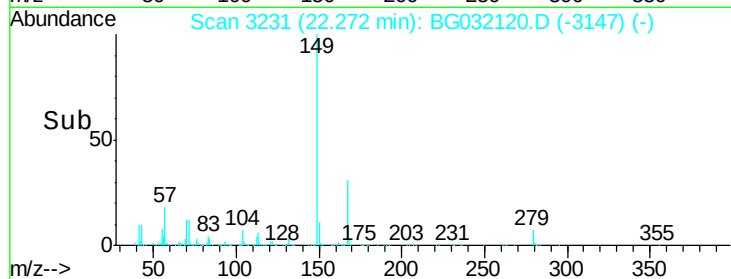
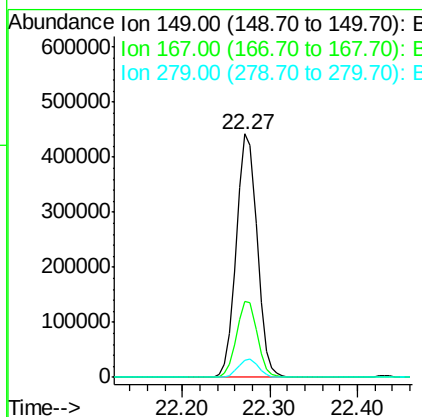
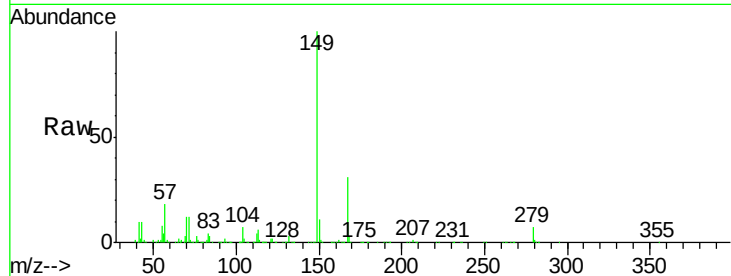




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.078 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

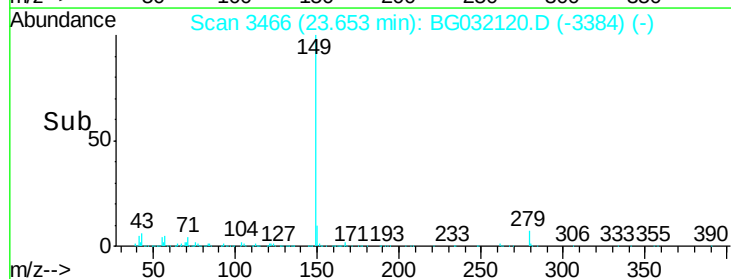
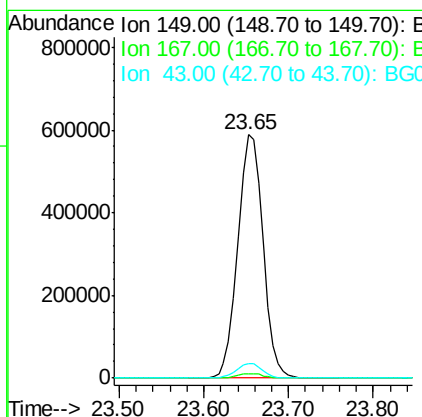
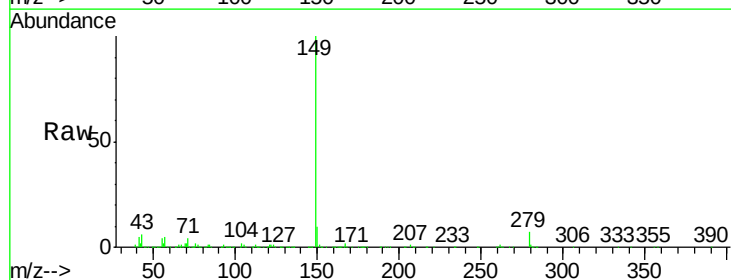
Instrument :
 BNA_G
 ClientSampleId :

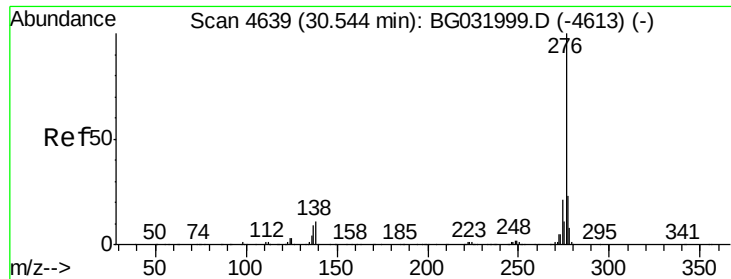
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.3	36.5
279	7.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 50.738 ng
 RT: 23.65 min Scan# 3466
 Delta R.T. -0.05 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	6.2	8.9	13.3

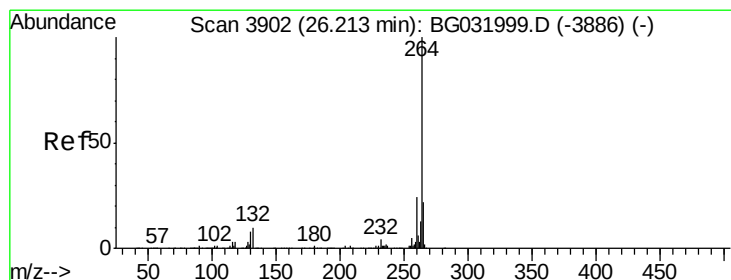
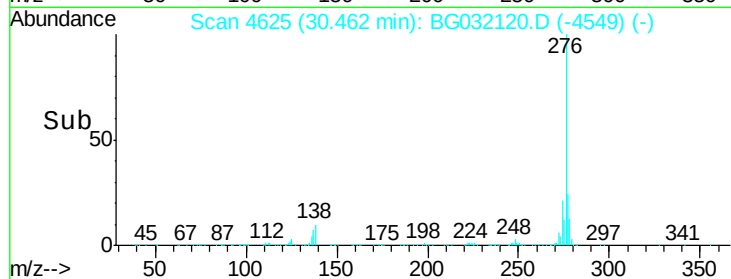
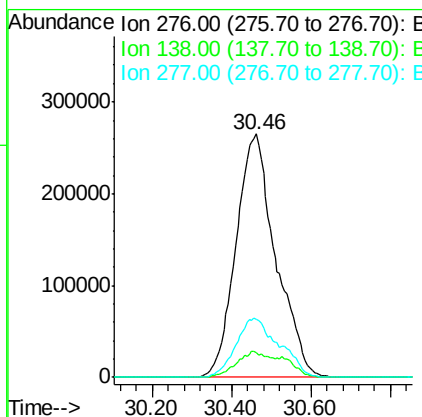
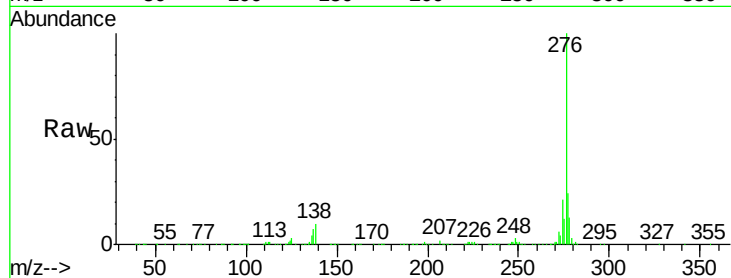




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.341 ng
 RT: 30.46 min Scan# 4625
 Delta R.T. -0.08 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

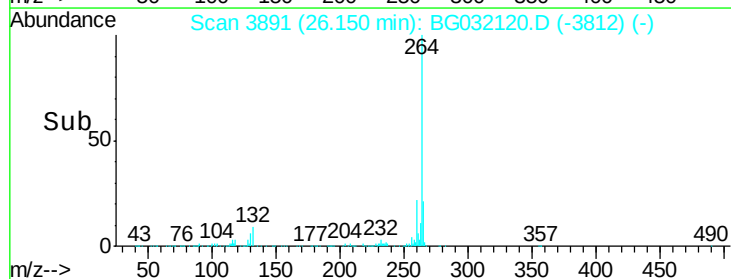
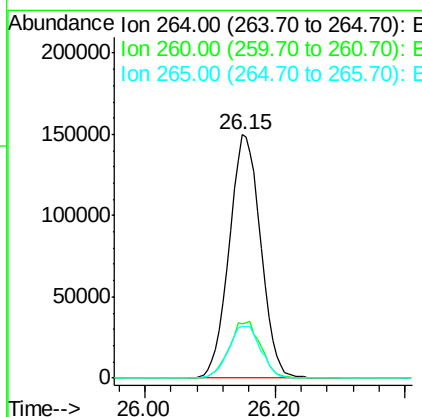
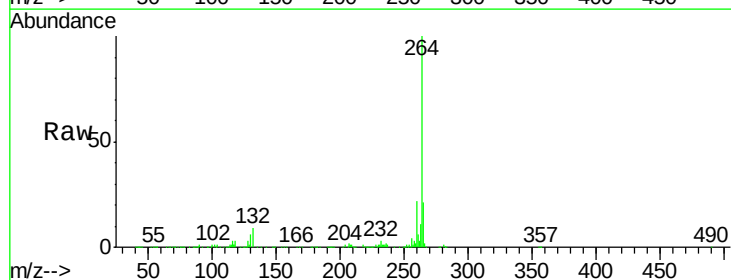
Instrument :
 BNA_G
 ClientSampleId :

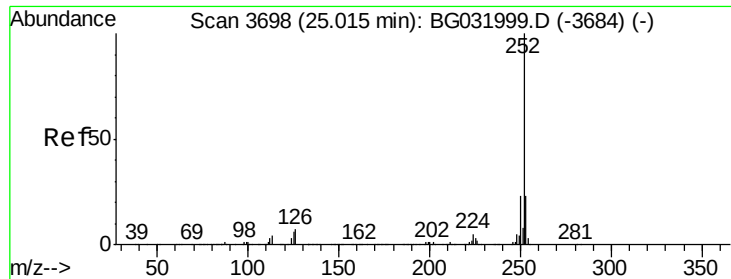
Tot Ion:276 Resp: 1842102
 Ion Ratio Lower Upper
 276 100
 138 8.9 16.0 24.0#
 277 26.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.15 min Scan# 3891
 Delta R.T. -0.06 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion:264 Resp: 501432
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 21.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 51.624 ng

RT: 24.97 min Scan# 3690

Delta R.T. -0.05 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

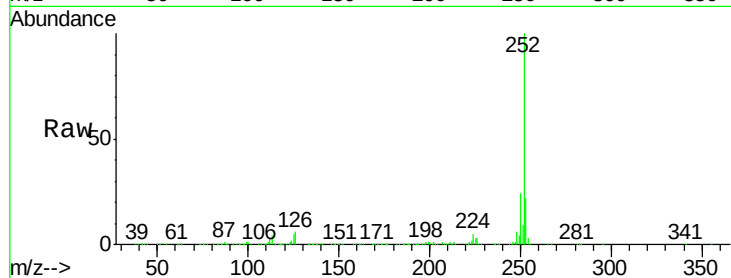
Tot Ion:252 Resp: 1564667

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

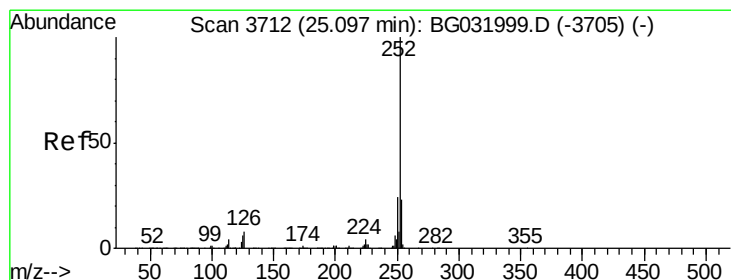
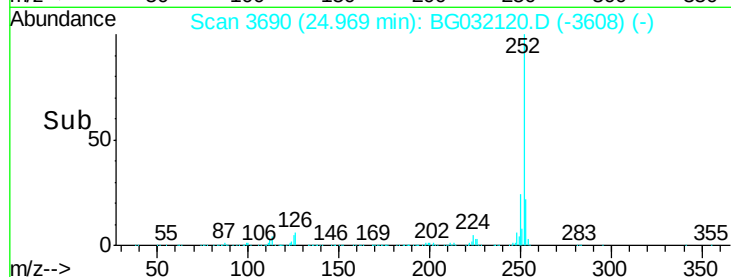
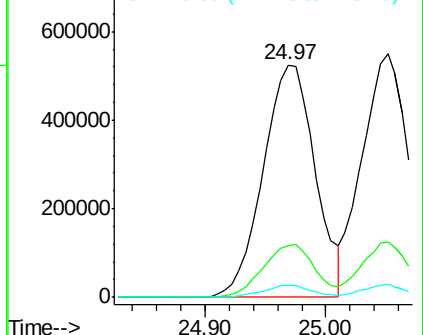
125 4.9 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.188 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.05 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

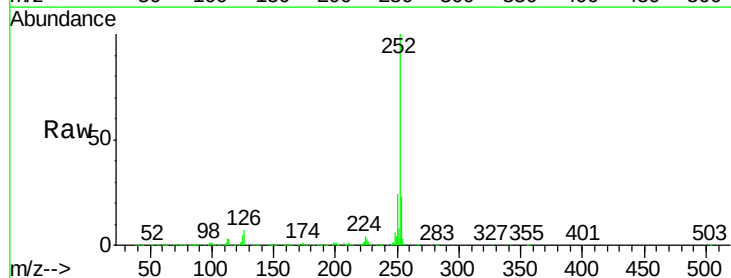
Tgt Ion:252 Resp: 1486401

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

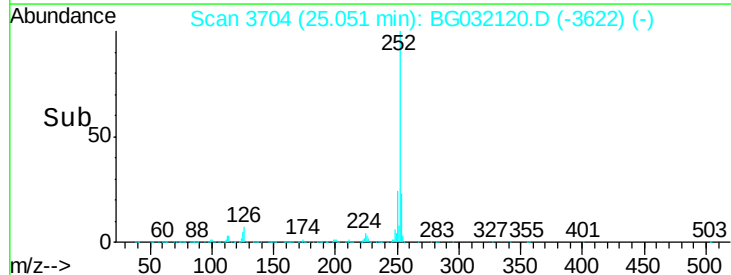
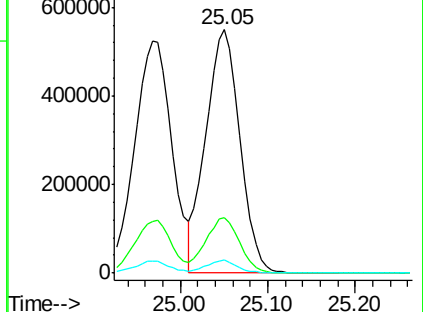
125 5.3 6.6 9.8#

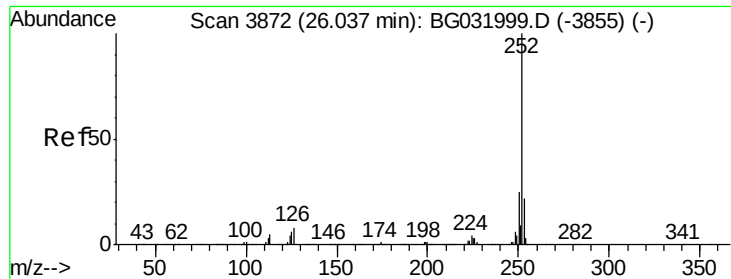


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.651 ng

RT: 25.99 min Scan# 3863

Delta R.T. -0.05 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

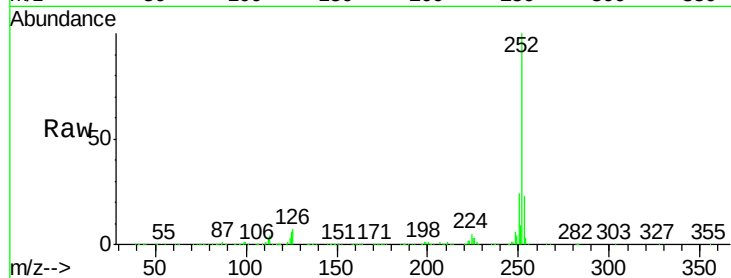
Tot Ion:252 Resp: 1509573

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

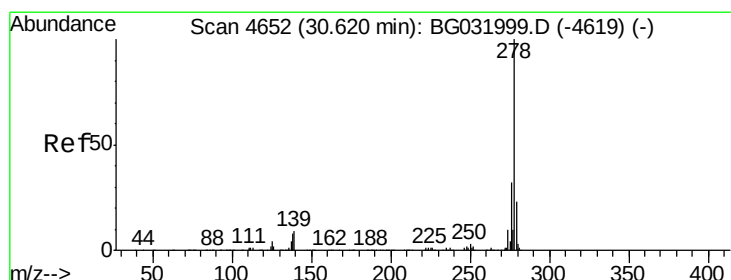
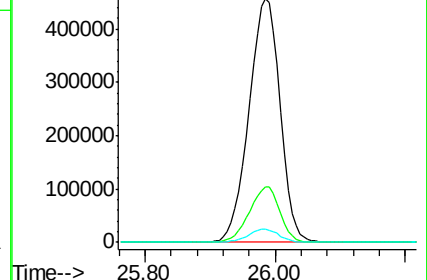
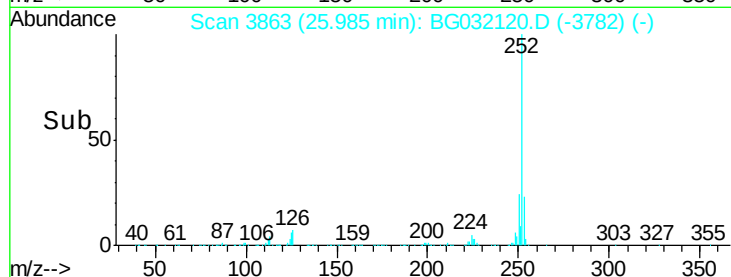
125 5.6 7.3 10.9#



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: 55.286 ng

RT: 30.53 min Scan# 4637

Delta R.T. -0.09 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

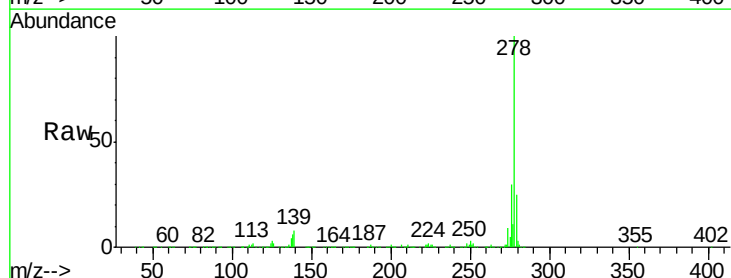
Tgt Ion:278 Resp: 1527472

Ion Ratio Lower Upper

278 100

139 8.3 9.8 14.6#

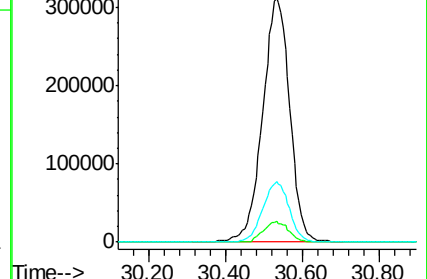
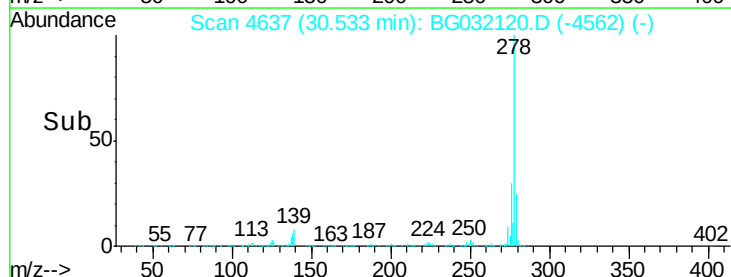
279 24.7 18.4 27.6

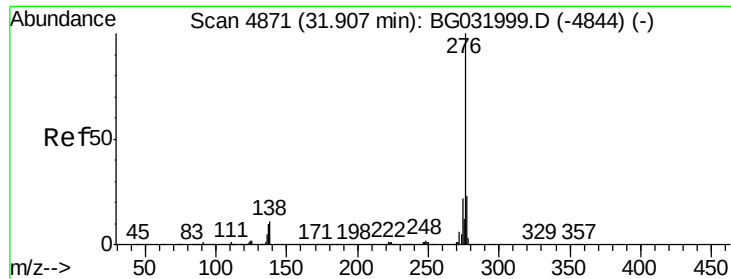


Abundance Ion 278.00 (277.70 to 278.70): E

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: 53.595 ng
 RT: 31.81 min Scan# 4855
 Delta R.T. -0.09 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 276 Resp: 1513465

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	11.5	13.9	20.9

