

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032024.D
 Acq On : 13 Jan 2018 4:49
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 13 06:08:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	54931	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	226396	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	159571	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	392100	20.00	ng	0.00
75) Chrysene-d12	22.48	240	439221	20.00	ng	0.00
86) Perylene-d12	26.21	264	478967	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	230320	76.69	ng	0.00
7) Phenol-d6	7.88	99	295404	78.09	ng	0.00
23) Nitrobenzene-d5	9.97	82	266643	79.68	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	209967	79.52	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	974138	75.70	ng	0.00
78) Terphenyl-d14	20.67	244	1511434	75.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.86	88	40971	35.508	ng	# 70
3) Pyridine	4.31	79	116543	37.839	ng	# 79
4) n-Nitrosodimethylamine	4.22	42	43222	39.945	ng	# 85
6) Aniline	8.06	93	180607	37.854	ng	94
8) 2-Chlorophenol	8.32	128	129166	38.433	ng	83
9) Benzaldehyde	7.87	77	83057	37.897	ng	83
10) Phenol	7.91	94	143099	38.404	ng	96
11) bis(2-Chloroethyl)ether	8.16	93	112621	37.726	ng	# 81
12) 1,3-Dichlorobenzene	8.66	146	166288	37.805	ng	# 94
13) 1,4-Dichlorobenzene	8.81	146	169173	38.198	ng	94
14) 1,2-Dichlorobenzene	9.14	146	161829	37.779	ng	97
15) Benzyl Alcohol	9.00	79	110920	40.365	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.30	45	115463	38.058	ng	80
17) 2-Methylphenol	9.21	107	109171	38.337	ng	97
18) Hexachloroethane	9.90	117	52768	38.768	ng	# 74
19) n-Nitroso-di-n-propylamine	9.59	70	92391	39.366	ng	# 87
20) 3+4-Methylphenols	9.54	107	152281	38.602	ng	95
22) Acetophenone	9.62	105	204054	39.679	ng	# 88
24) Nitrobenzene	10.01	77	133737	40.066	ng	# 87
25) Isophorone	10.54	82	247871	39.780	ng	# 84
26) 2-Nitrophenol	10.74	139	82749	41.838	ng	# 79
27) 2,4-Dimethylphenol	10.78	122	123969	39.498	ng	91
28) bis(2-Chloroethoxy)methane	11.02	93	150436	40.071	ng	# 97
29) 2,4-Dichlorophenol	11.28	162	156508	40.525	ng	89
30) 1,2,4-Trichlorobenzene	11.51	180	195149	39.127	ng	99
31) Naphthalene	11.71	128	435329	38.816	ng	98
32) Benzoic acid	10.90	122	95348	38.979	ng	# 72
33) 4-Chloroaniline	11.80	127	192232	39.971	ng	# 90
34) Hexachlorobutadiene	11.98	225	139963	39.070	ng	94
35) Caprolactam	12.55	113	46549	39.730	ng	# 50
36) 4-Chloro-3-methylphenol	12.87	107	144788	40.959	ng	# 79
37) 2-Methylnaphthalene	13.27	142	354281	39.789	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	266298	38.285	ng	# 95
40) Hexachlorocyclopentadiene	13.60	237	154418	39.416	ng	94

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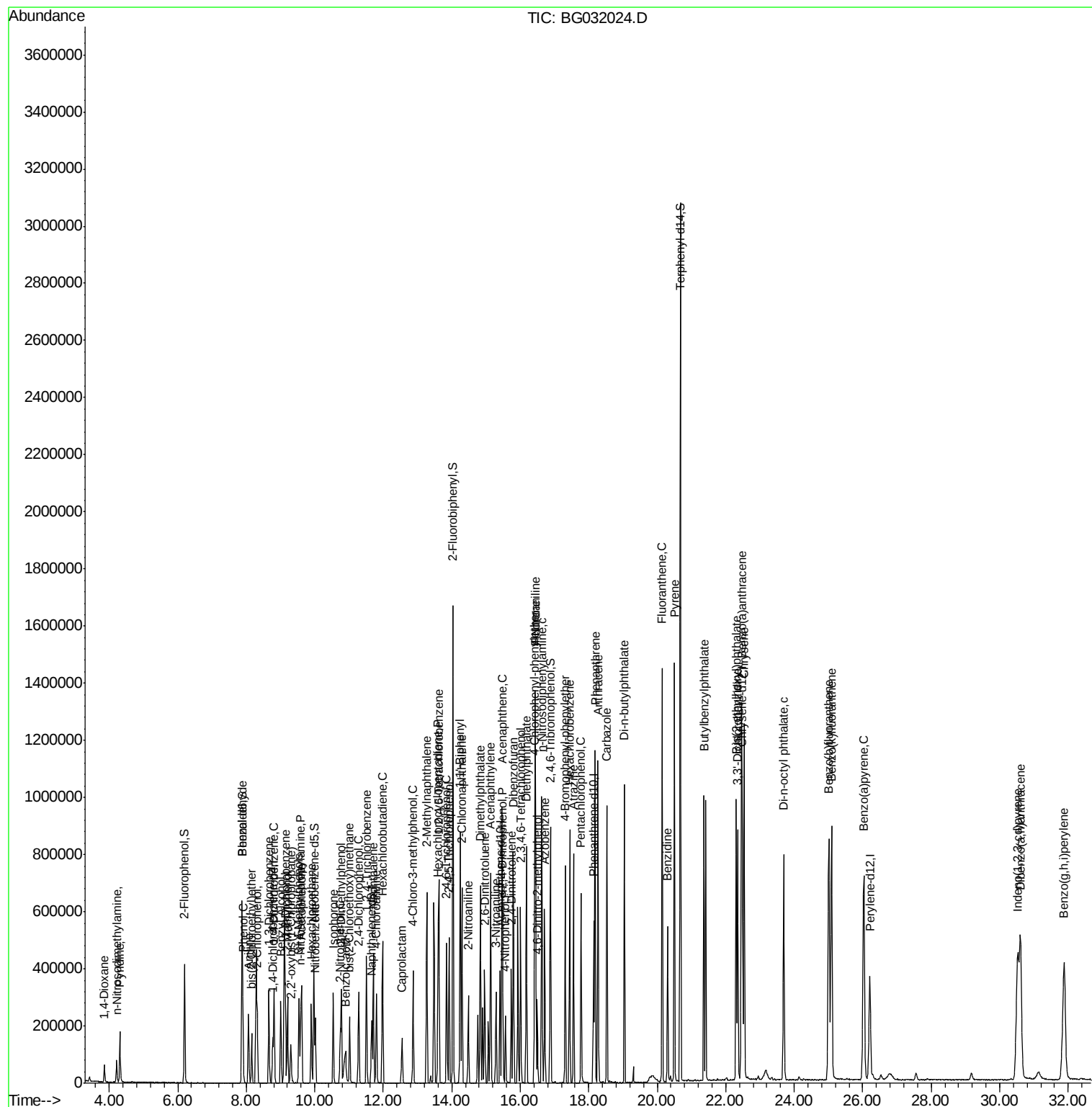
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	154476	39.525	ng	98
43) 2,4,5-Trichlorophenol	13.92	196	176744	39.070	ng	# 89
45) 1,1'-Biphenyl	14.24	154	527248	38.543	ng	95
46) 2-Chloronaphthalene	14.30	162	406536	38.201	ng	96
47) 2-Nitroaniline	14.49	65	85297	41.868	ng	# 59
48) Acenaphthylene	15.14	152	627040	38.693	ng	99
49) Dimethylphthalate	14.83	163	548533	39.282	ng	100
50) 2,6-Dinitrotoluene	14.96	165	117491	40.537	ng	# 70
51) Acenaphthene	15.47	154	418913	39.093	ng	99
52) 3-Nitroaniline	15.29	138	107119	40.920	ng	# 71
53) 2,4-Dinitrophenol	15.49	184	55955	42.099	ng	# 63
54) Dibenzofuran	15.80	168	619420	38.750	ng	97
55) 4-Nitrophenol	15.57	139	77023	40.373	ng	# 71
56) 2,4-Dinitrotoluene	15.74	165	165829	42.496	ng	# 64
57) Fluorene	16.44	166	507667	38.723	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	170792	40.812	ng	# 85
59) Diethylphthalate	16.18	149	527797	38.989	ng	97
60) 4-Chlorophenyl-phenylether	16.42	204	315817	39.270	ng	93
61) 4-Nitroaniline	16.45	138	104921	41.782	ng	# 82
62) Azobenzene	16.71	77	329251	38.859	ng	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	99961	40.661	ng	# 67
65) n-Nitrosodiphenylamine	16.63	169	471468	39.626	ng	99
66) 4-Bromophenyl-phenylether	17.31	248	217584	39.001	ng	94
67) Hexachlorobenzene	17.44	284	239043	38.729	ng	# 90
68) Atrazine	17.55	200	196945	39.360	ng	98
69) Pentachlorophenol	17.78	266	160952	40.797	ng	98
70) Phenanthrene	18.18	178	844926	38.704	ng	99
71) Anthracene	18.27	178	847154	38.907	ng	98
72) Carbazole	18.53	167	746751	39.535	ng	98
73) Di-n-butylphthalate	19.04	149	865996	38.800	ng	99
74) Fluoranthene	20.14	202	1039963	38.048	ng	96
76) Benzidine	20.30	184	371466	33.821	ng	98
77) Pyrene	20.50	202	1055147	38.215	ng	98
79) Butylbenzylphthalate	21.36	149	381197	38.533	ng	# 77
80) Benzo(a)anthracene	22.46	228	1059700	38.795	ng	99
81) 3,3'-Dichlorobenzidine	22.35	252	411327	40.311	ng	# 95
82) Chrysene	22.54	228	1031540	39.323	ng	97
83) Bis(2-ethylhexyl)phthalate	22.30	149	553403	38.148	ng	# 96
84) Di-n-octyl phthalate	23.69	149	887892	38.537	ng	# 87
85) Indeno(1,2,3-cd)pyrene	30.51	276	1266092	39.438	ng	# 88
87) Benzo(b)fluoranthene	25.01	252	1135337	39.216	ng	# 97
88) Benzo(k)fluoranthene	25.09	252	1103401	39.004	ng	# 96
89) Benzo(a)pyrene	26.03	252	1070442	39.086	ng	# 96
90) Dibenzo(a,h)anthracene	30.60	278	1027057	38.917	ng	# 96
91) Benzo(g,h,i)perylene	31.88	276	1062603	39.394	ng	# 93

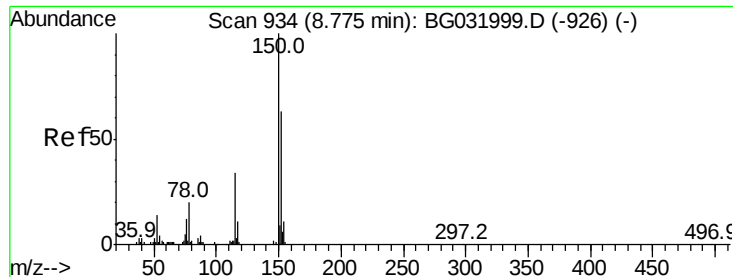
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

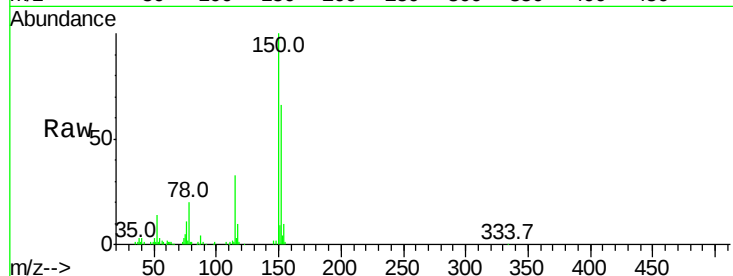
Tot Ion:152 Resp: 54931

Ion Ratio Lower Upper

152 100

150 152.3 126.6 189.8

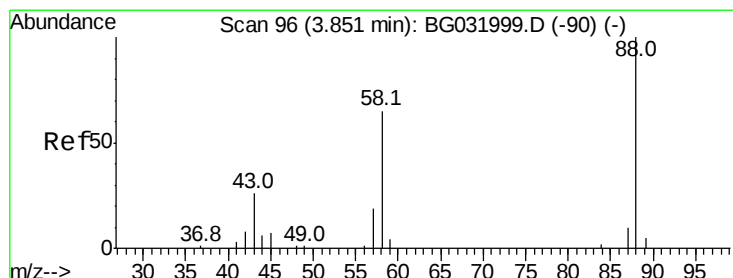
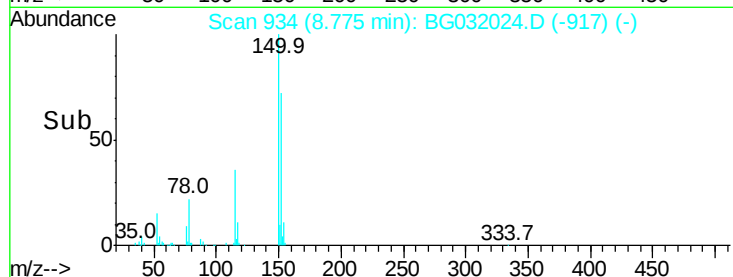
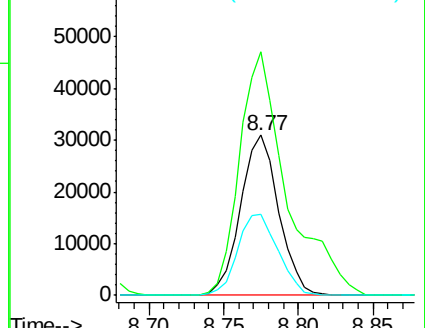
115 50.3 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.508 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

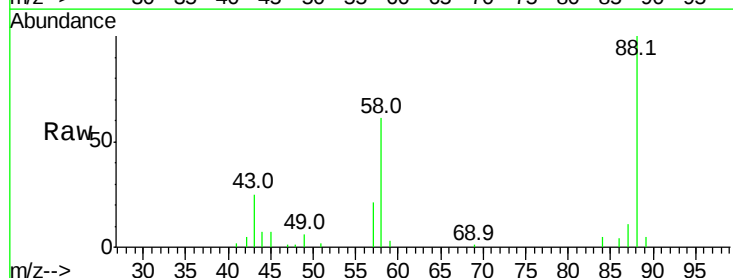
Tgt Ion: 88 Resp: 40971

Ion Ratio Lower Upper

88 100

58 65.3 79.6 119.4#

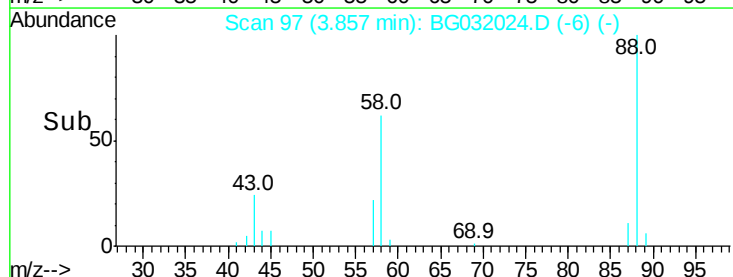
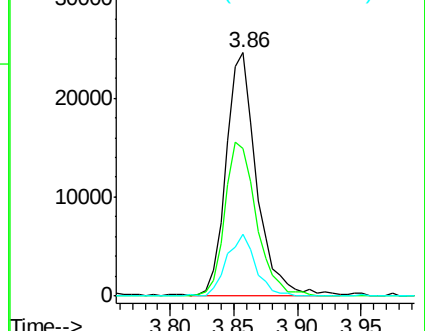
43 24.1 27.4 41.0#

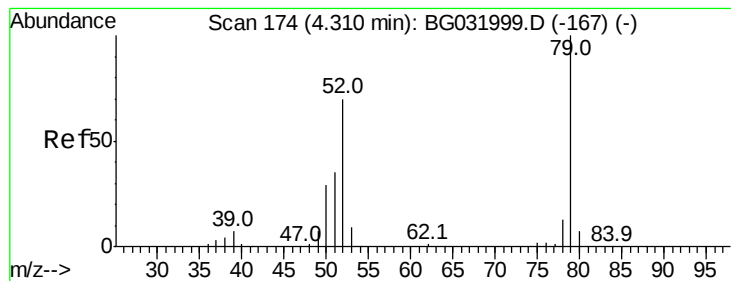


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.839 ng

RT: 4.31 min Scan# 174

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

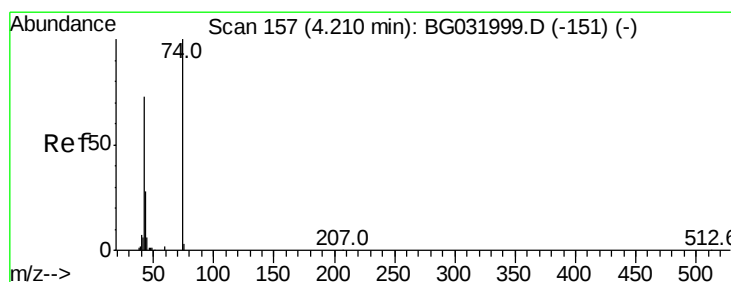
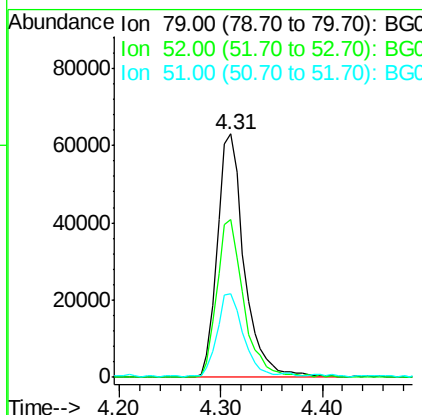
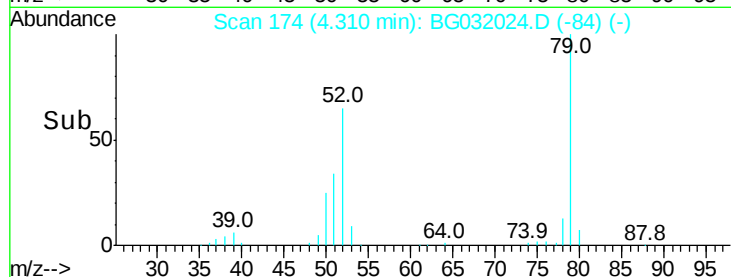
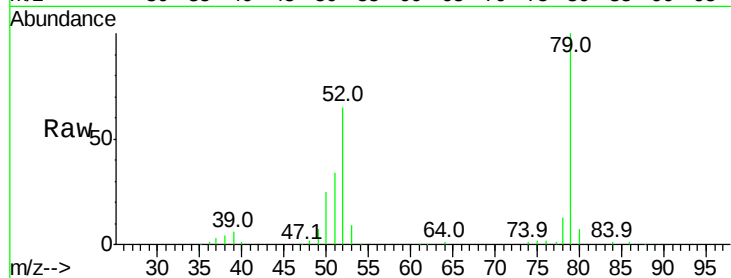
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 116543

Ion	Ratio	Lower	Upper
79	100		
52	64.9	69.9	104.9#
51	34.2	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 39.945 ng

RT: 4.22 min Scan# 158

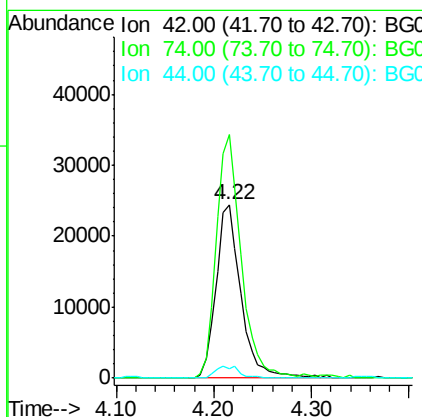
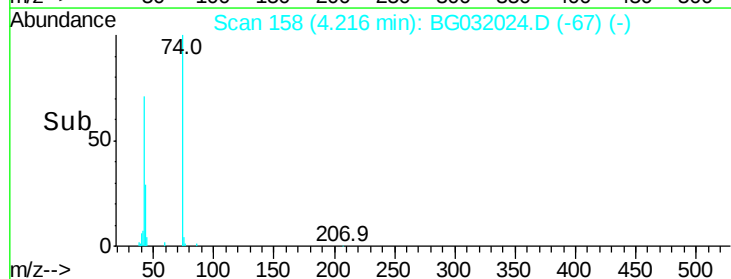
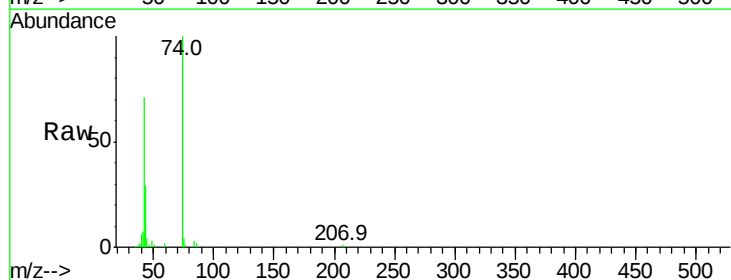
Delta R.T. 0.01 min

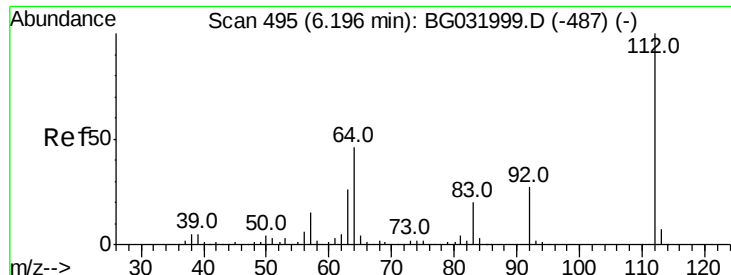
Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Tgt Ion: 42 Resp: 43222

Ion	Ratio	Lower	Upper
42	100		
74	140.2	102.5	153.7
44	5.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 76.685 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

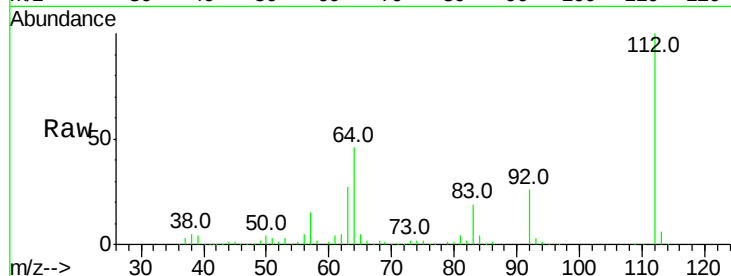
Tot Ion:112 Resp: 230320

Ion Ratio Lower Upper

112 100

64 45.8 56.3 84.5#

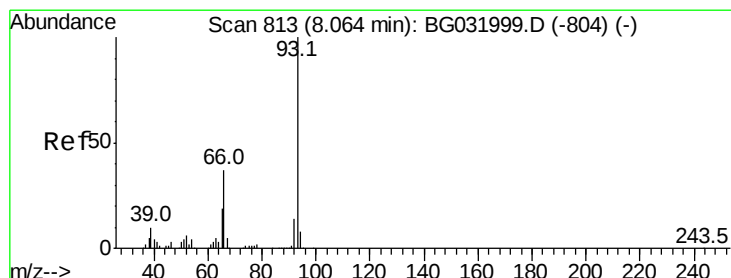
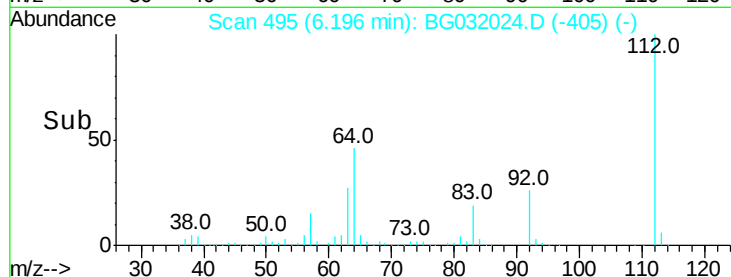
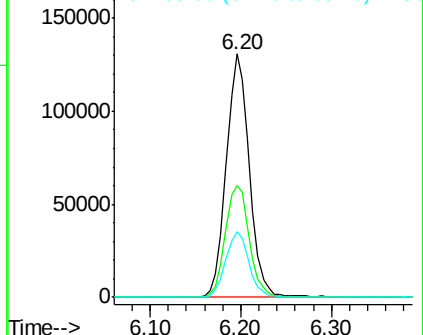
63 27.2 30.1 45.1#



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: 37.854 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

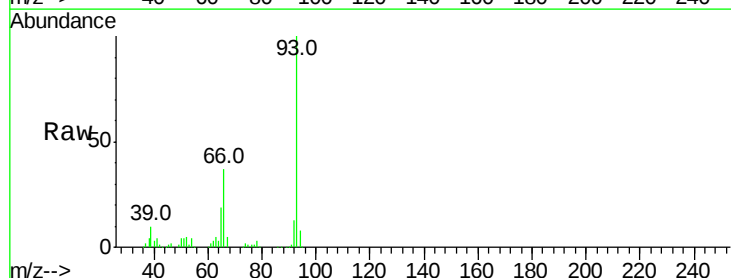
Tgt Ion: 93 Resp: 180607

Ion Ratio Lower Upper

93 100

66 37.3 33.7 50.5

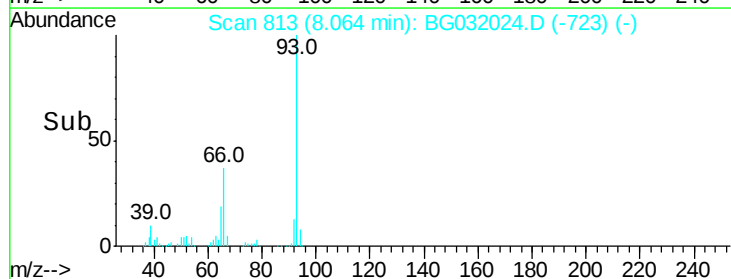
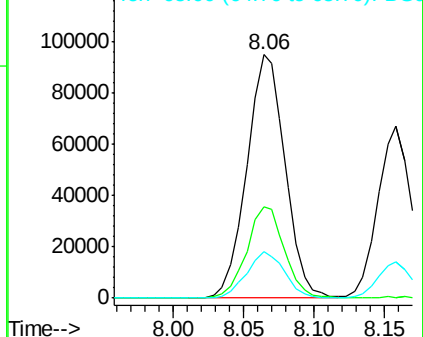
65 19.0 16.1 24.1

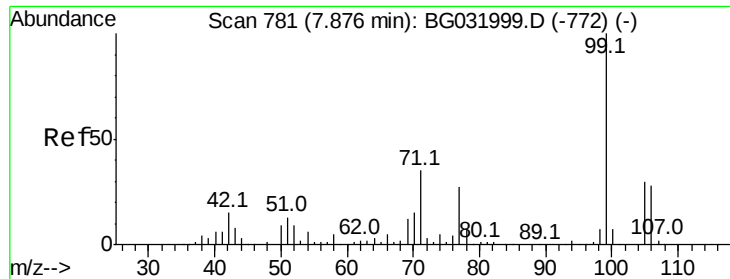


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.094 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

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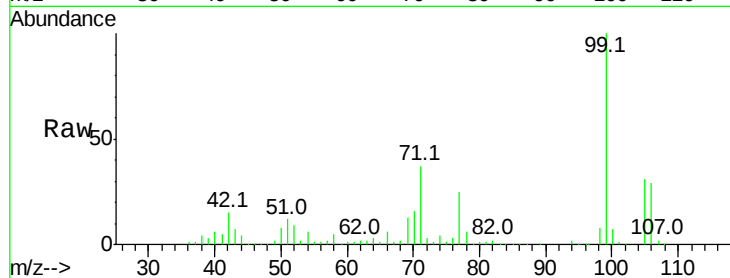
Tot Ion: 99 Resp: 295404

Ion Ratio Lower Upper

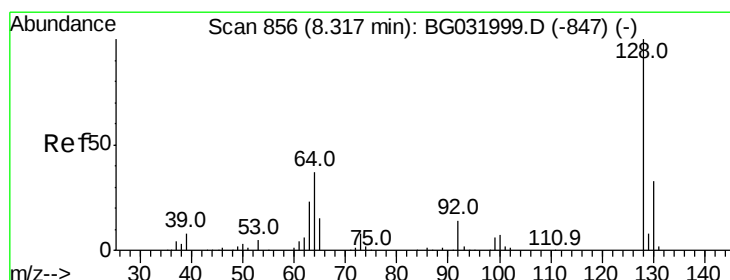
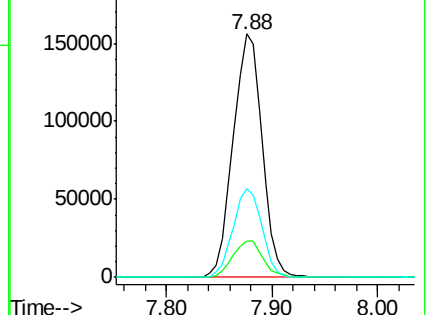
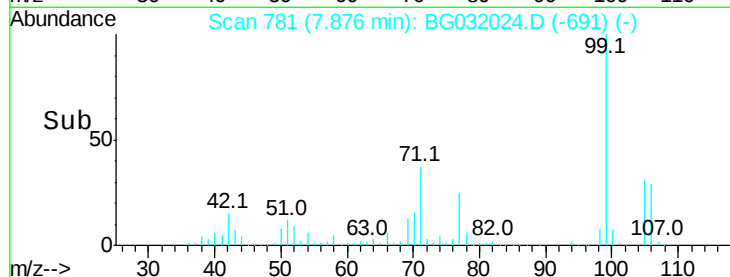
99 100

42 15.1 14.1 21.1

71 36.5 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: 38.433 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

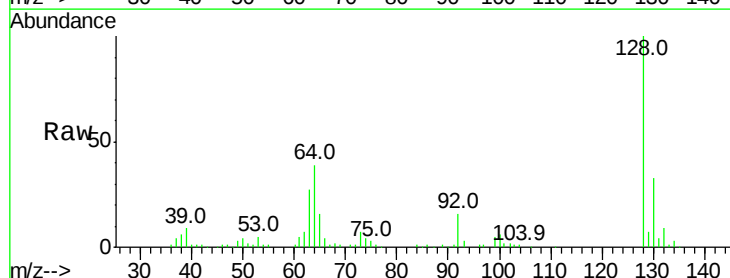
Tgt Ion: 128 Resp: 129166

Ion Ratio Lower Upper

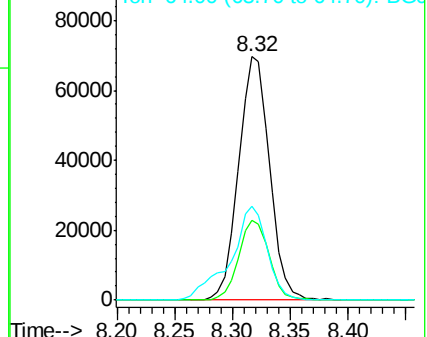
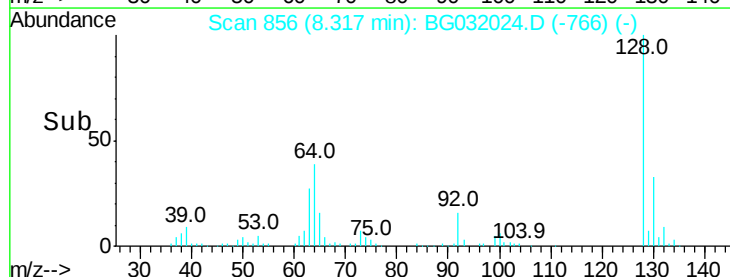
128 100

130 32.7 14.0 54.0

64 38.6 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: 37.897 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

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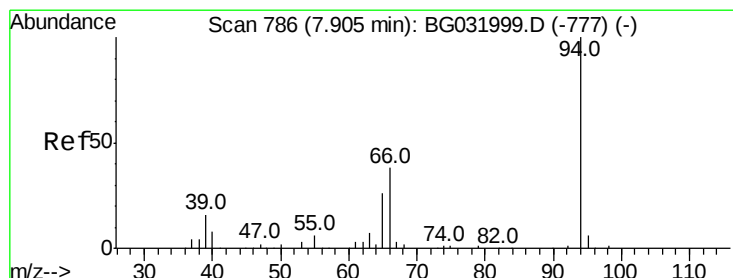
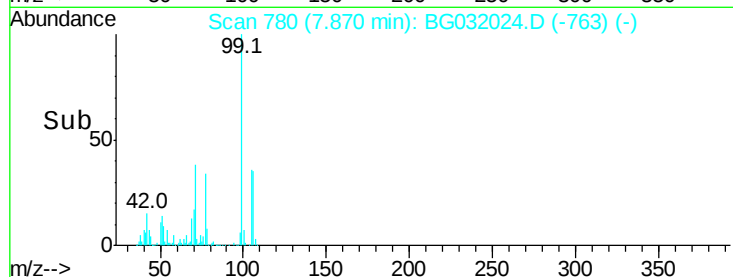
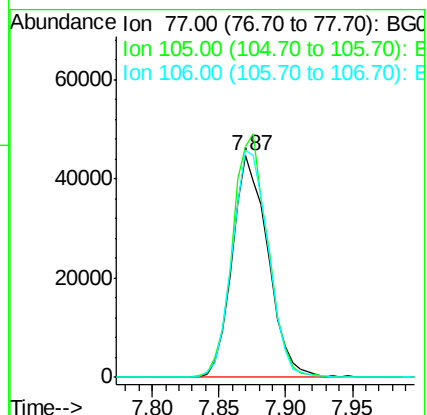
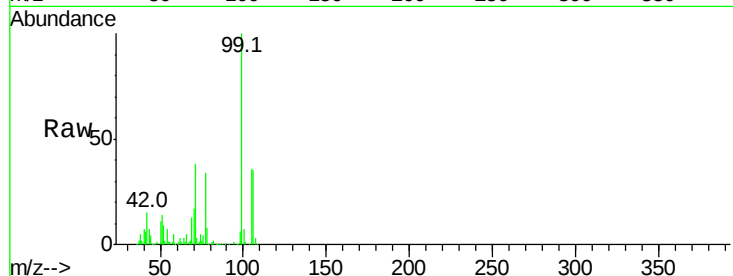
Tot Ion: 77 Resp: 83057

Ion Ratio Lower Upper

77 100

105 104.3 71.3 111.3

106 102.7 64.2 104.2



#10

Phenol

Concen: 38.404 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

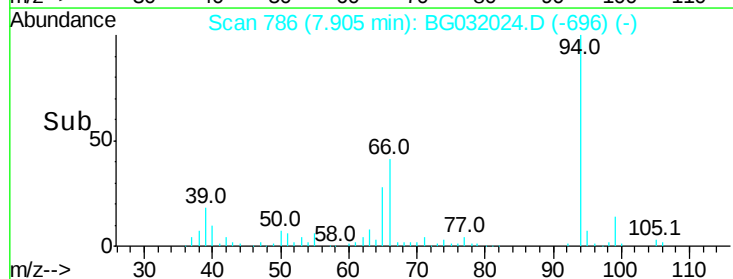
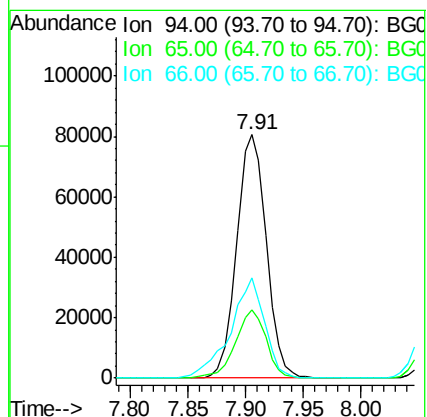
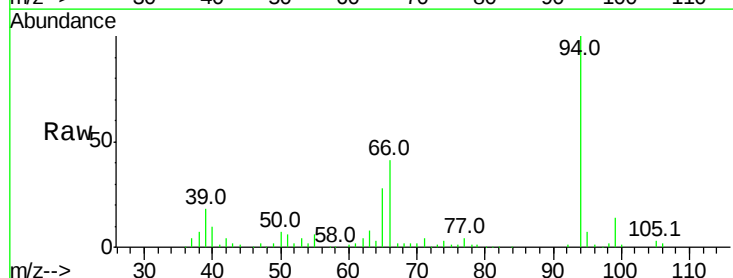
Tgt Ion: 94 Resp: 143099

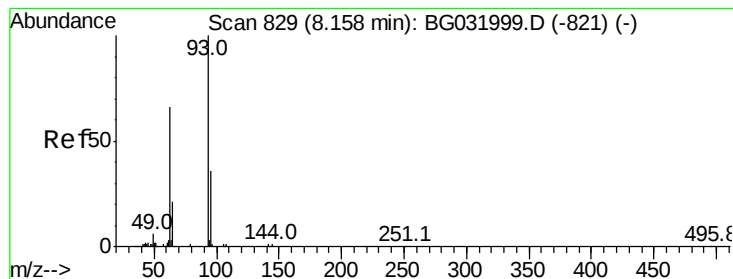
Ion Ratio Lower Upper

94 100

65 27.9 11.9 51.9

66 41.3 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 37.726 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

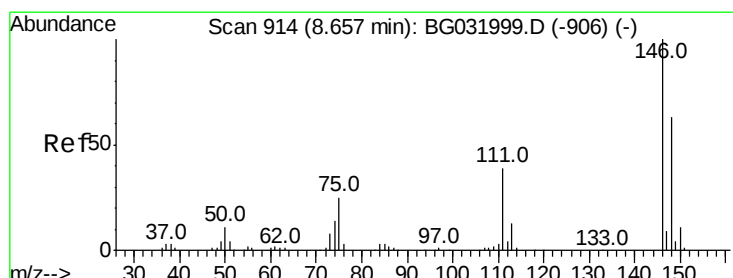
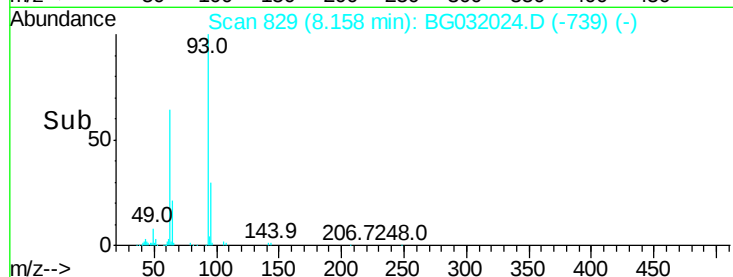
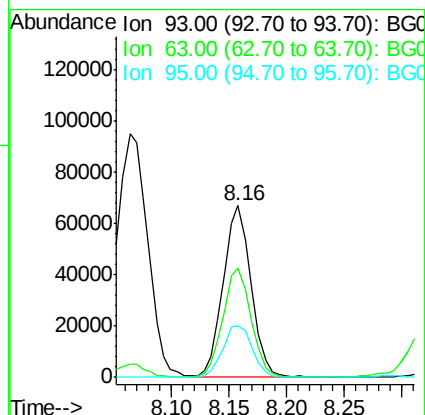
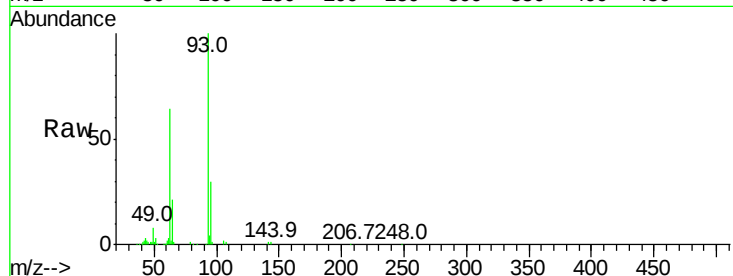
Tot Ion: 93 Resp: 112621

Ion Ratio Lower Upper

93 100

63 63.8 67.1 107.1#

95 30.4 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 37.805 ng

RT: 8.66 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

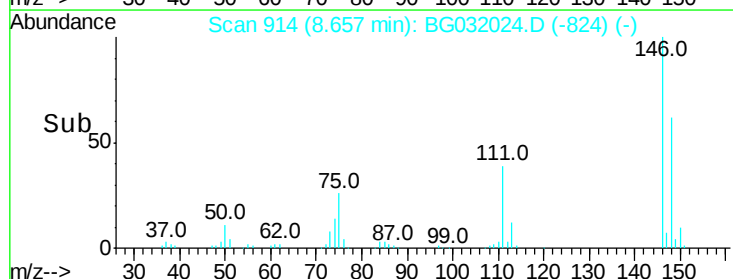
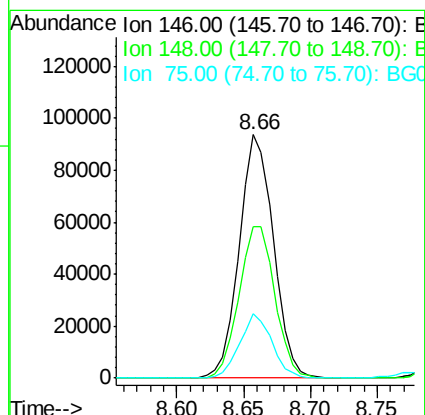
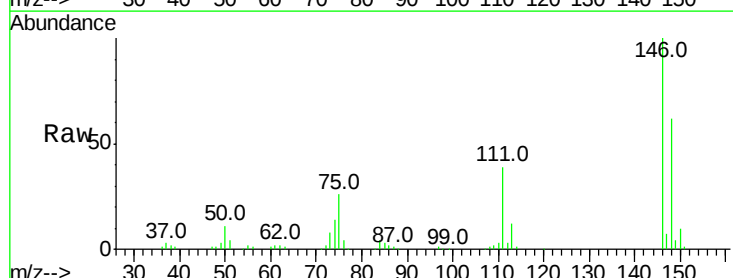
Tgt Ion: 146 Resp: 166288

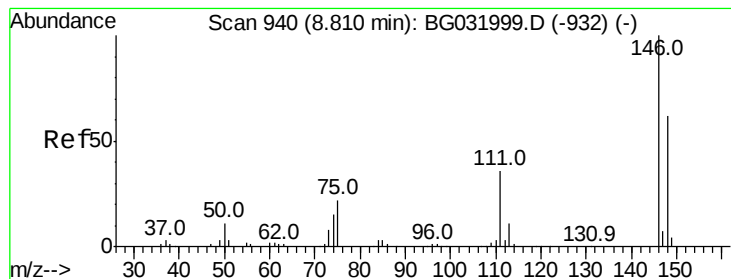
Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.2

75 26.3 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 38.198 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

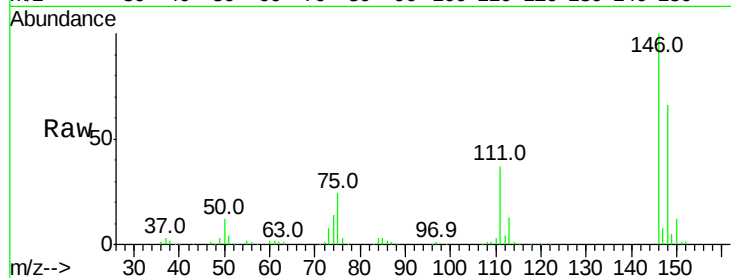
Tot Ion:146 Resp: 169173

Ion Ratio Lower Upper

146 100

148 65.5 53.7 80.5

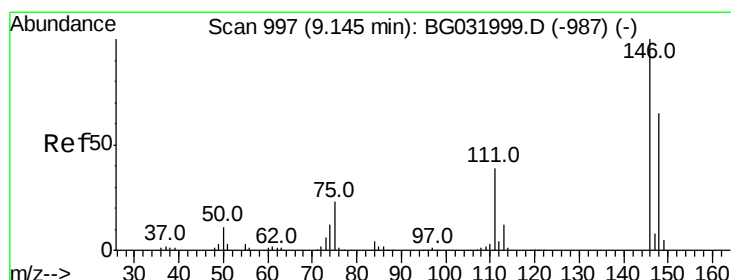
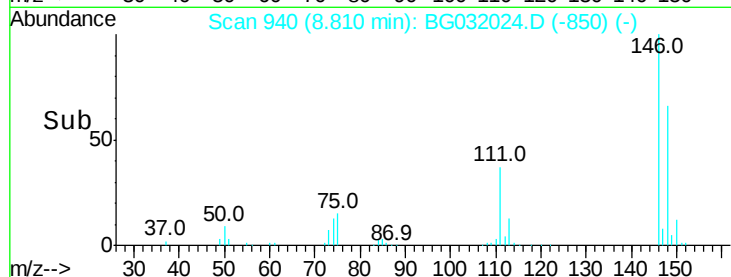
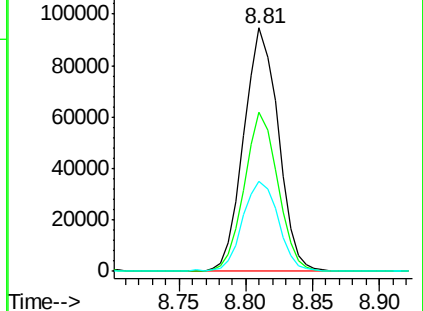
111 36.7 35.2 52.8



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: 37.779 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

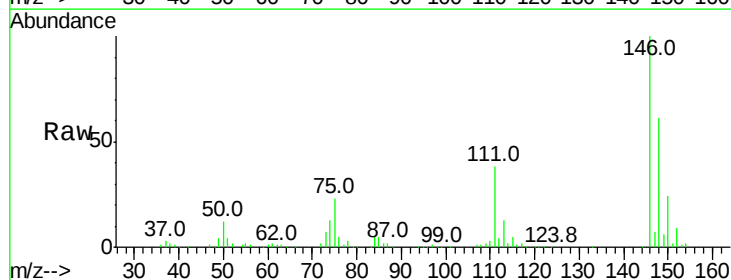
Tgt Ion:146 Resp: 161829

Ion Ratio Lower Upper

146 100

148 61.2 49.3 73.9

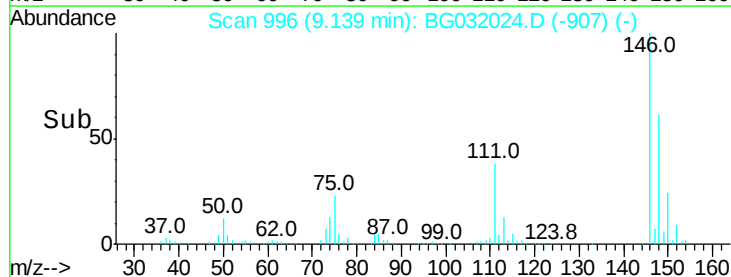
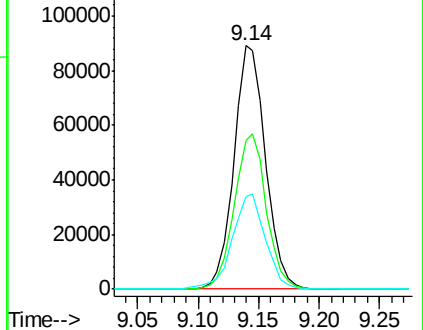
111 38.0 34.3 51.5

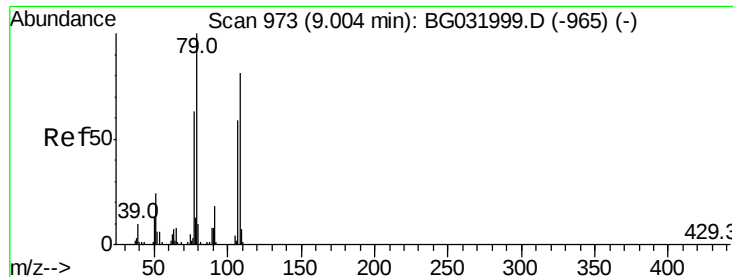


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.365 ng

RT: 9.00 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

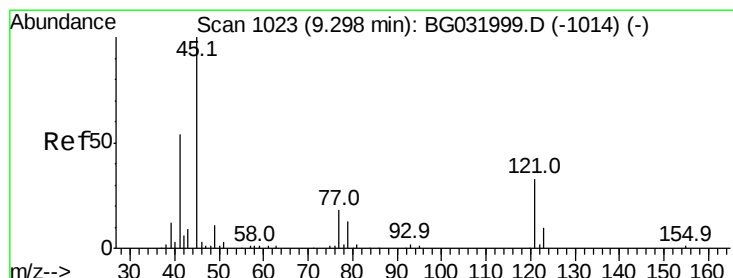
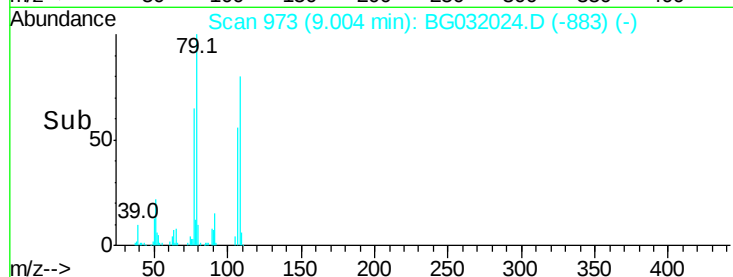
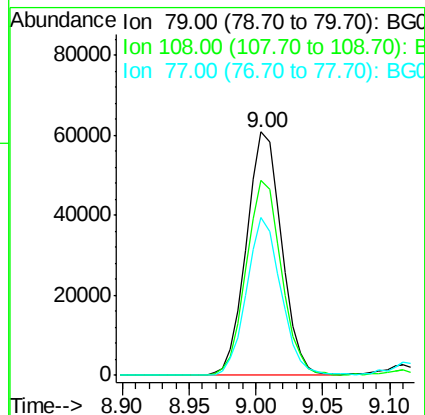
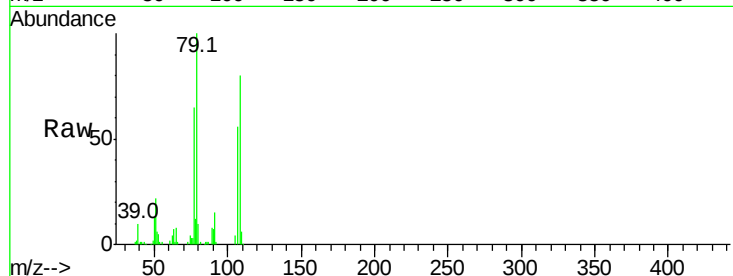
Tot Ion: 79 Resp: 110920

Ion Ratio Lower Upper

79 100

108 79.9 57.2 85.8

77 64.7 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.058 ng

RT: 9.30 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

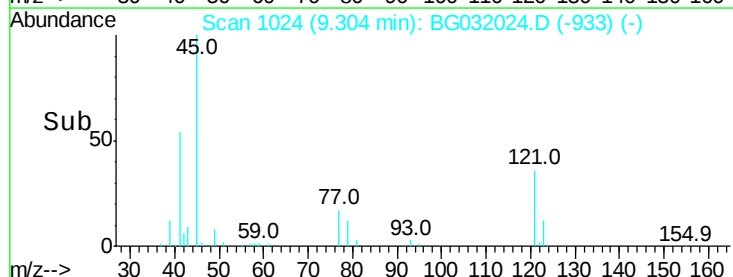
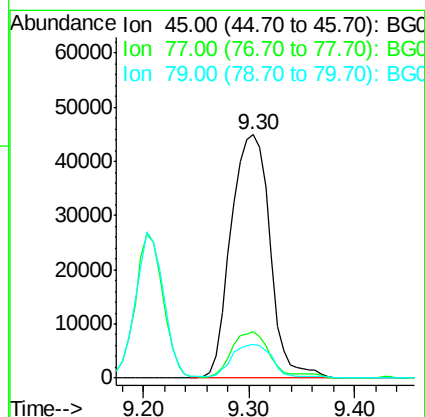
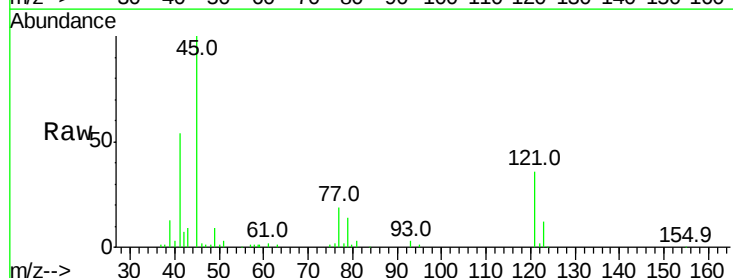
Tgt Ion: 45 Resp: 115463

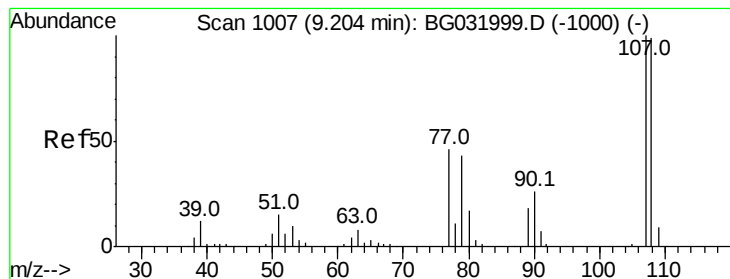
Ion Ratio Lower Upper

45 100

77 18.9 0.0 30.2

79 13.6 0.0 27.9

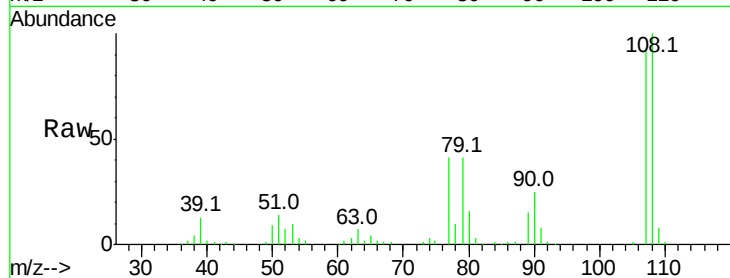




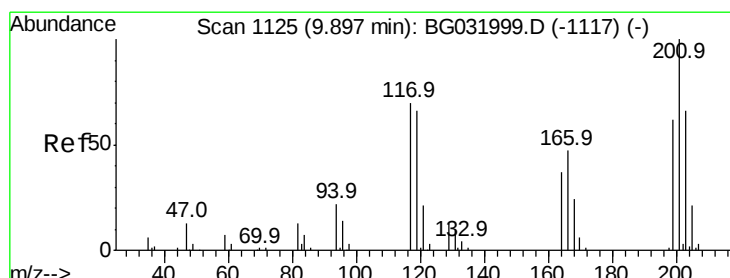
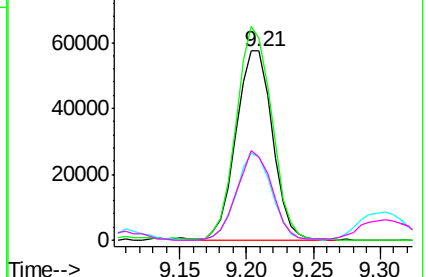
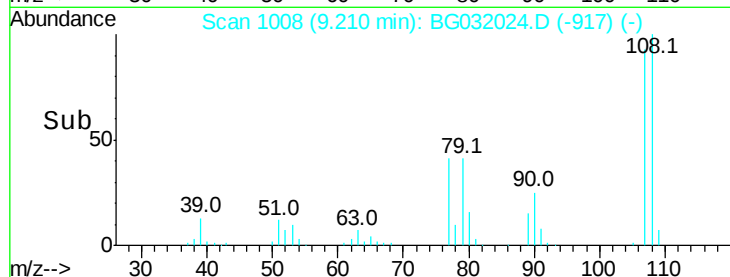
#17
2-Methylphenol
Concen: 38.337 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.2	83.9	125.9
77	43.7	37.2	55.8
79	43.7	36.2	54.2

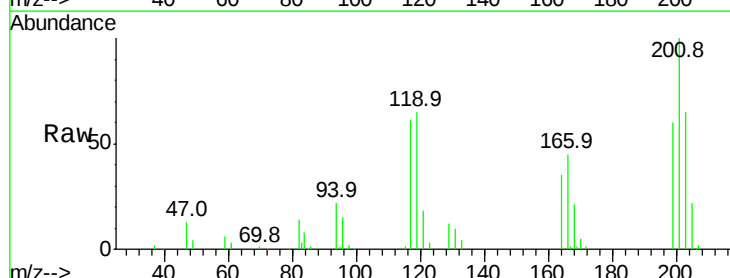


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

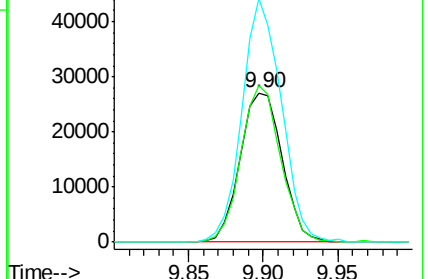
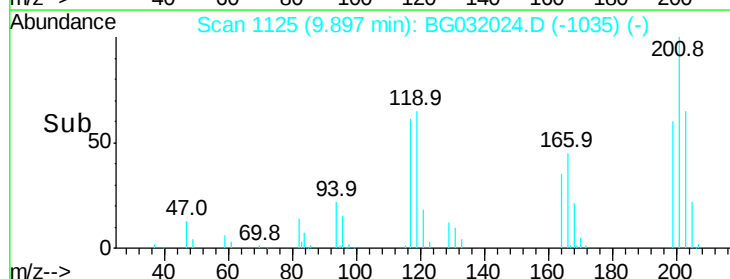


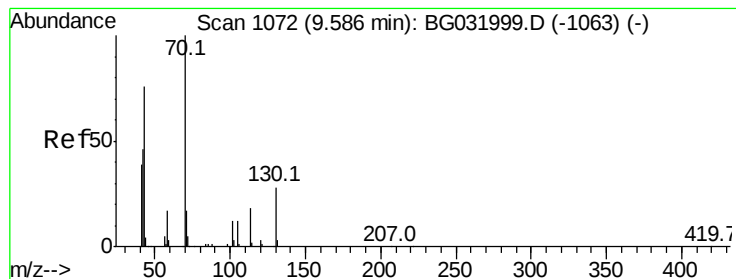
#18
Hexachloroethane
Concen: 38.768 ng
RT: 9.90 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	105.2	76.7	115.1
201	163.0	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: 39.366 ng

RT: 9.59 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 92391

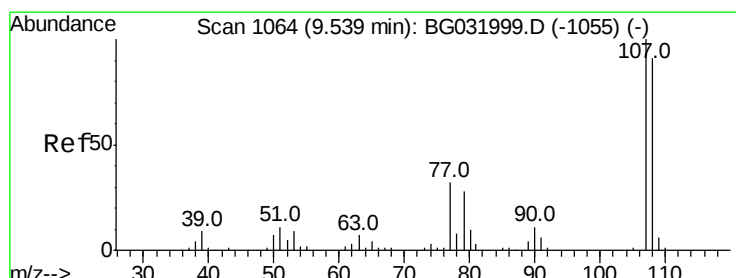
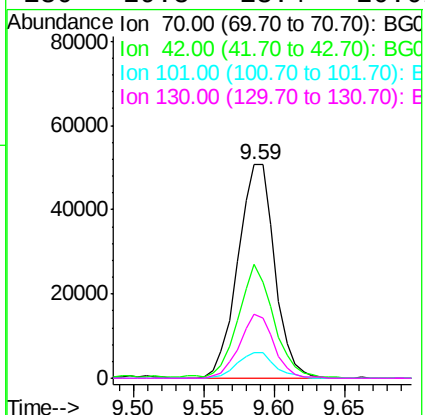
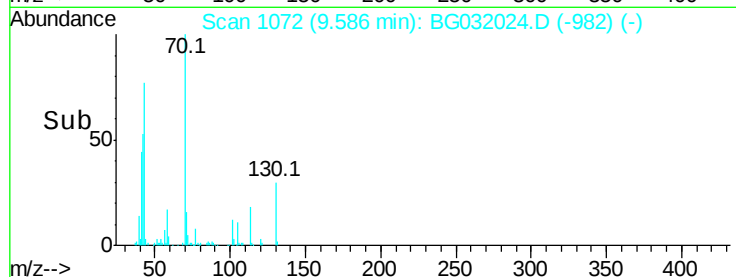
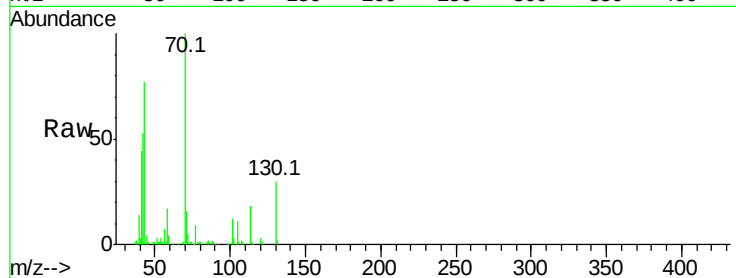
Ion Ratio Lower Upper

70 100

42 53.4 49.1 73.7

101 11.9 8.5 12.7

130 29.8 13.4 20.0#



#20

3+4-Methylphenols

Concen: 38.602 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Tgt Ion: 107 Resp: 152281

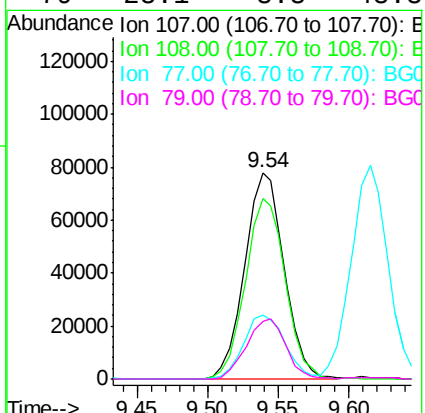
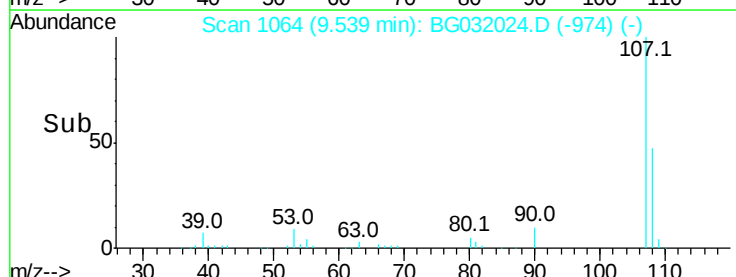
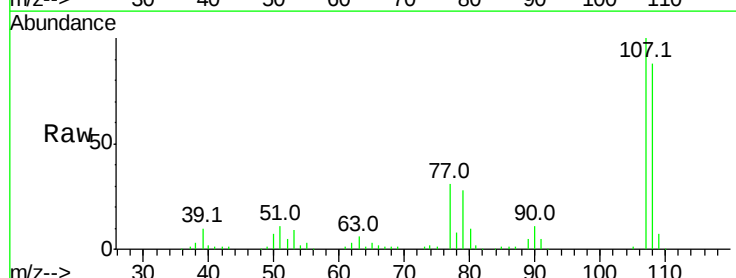
Ion Ratio Lower Upper

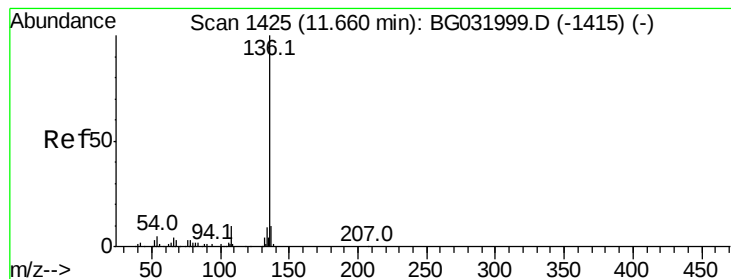
107 100

108 87.5 61.6 101.6

77 31.1 13.9 53.9

79 28.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.66 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 226396

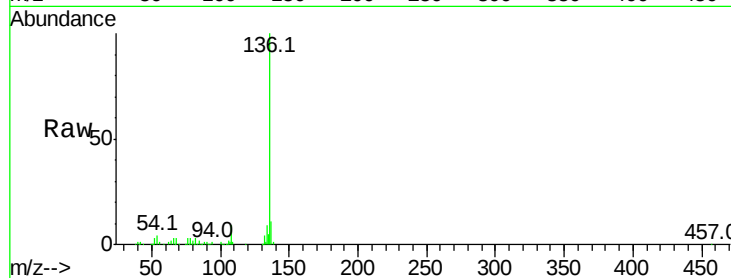
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.3 10.3 15.5#

68 3.4 4.5 6.7#

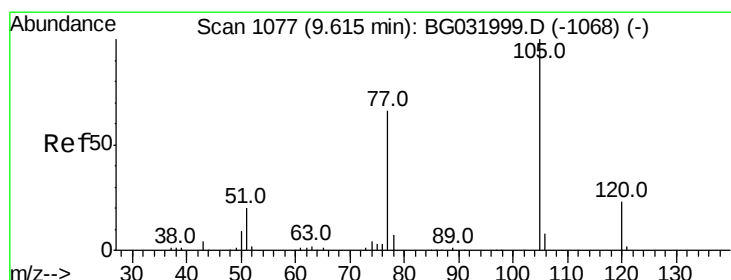
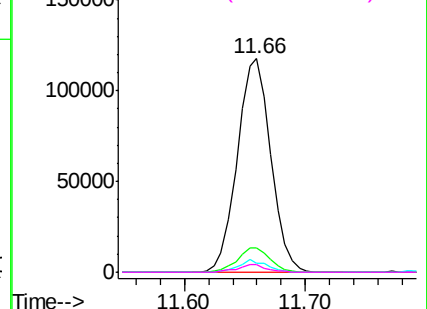
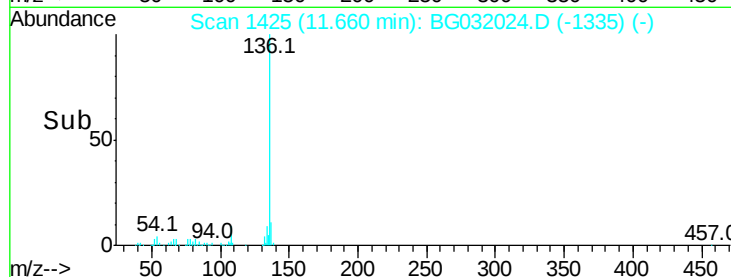


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.679 ng

RT: 9.62 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Tgt Ion:105 Resp: 204054

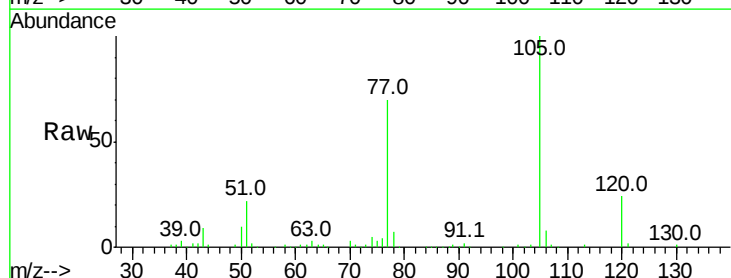
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 22.4 26.1 39.1#

120 23.9 17.4 26.2

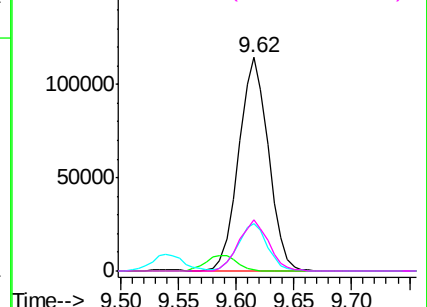
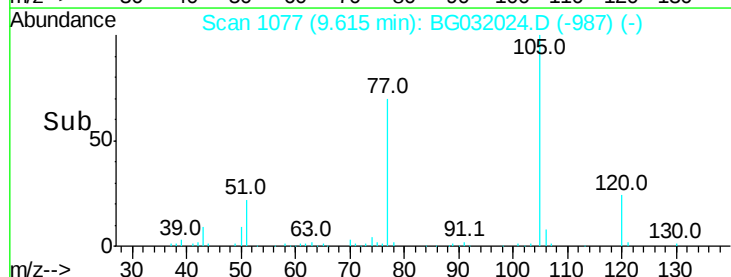


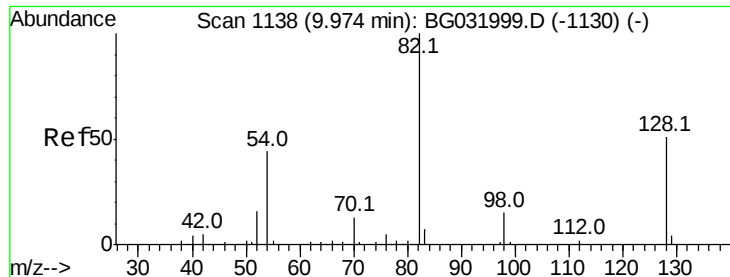
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

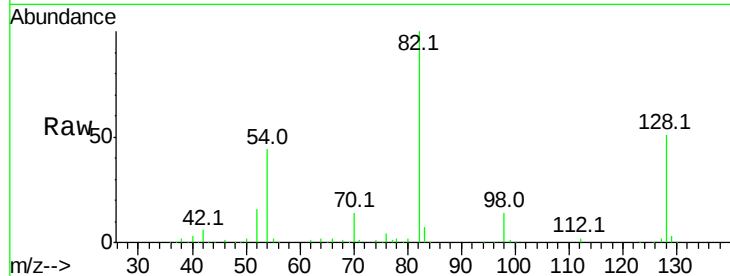




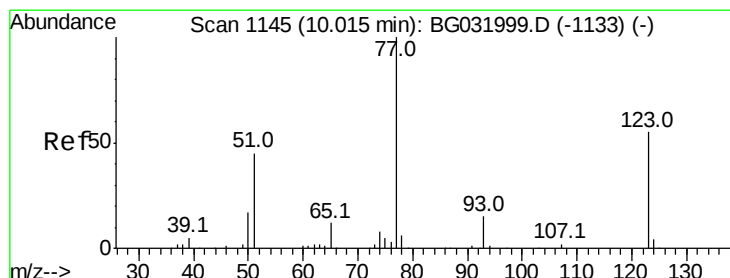
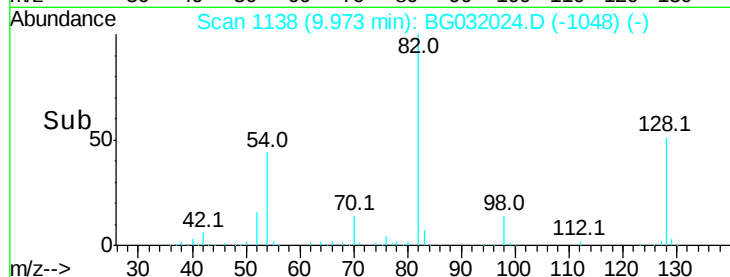
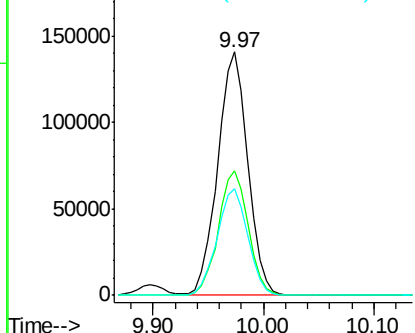
#23
 Nitrobenzene-d5
 Concen: 79.681 ng
 RT: 9.97 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 266643
 Ion Ratio Lower Upper
 82 100
 128 51.4 29.7 44.5#
 54 43.9 43.1 64.7

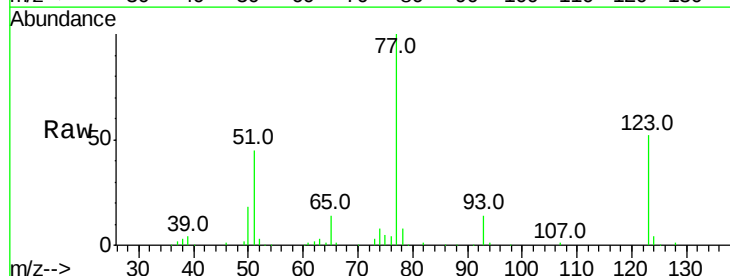


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

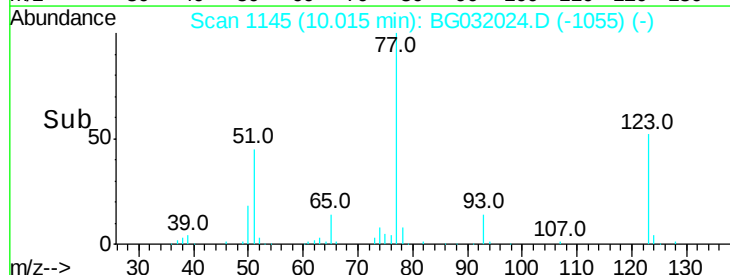
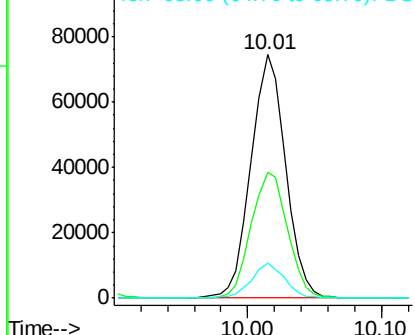


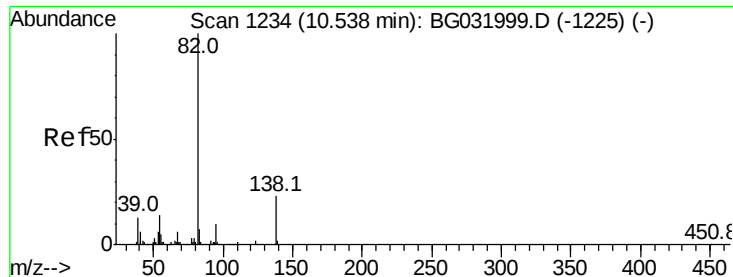
#24
 Nitrobenzene
 Concen: 40.066 ng
 RT: 10.01 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion: 77 Resp: 133737
 Ion Ratio Lower Upper
 77 100
 123 51.9 33.0 49.6#
 65 14.3 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.780 ng

RT: 10.54 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

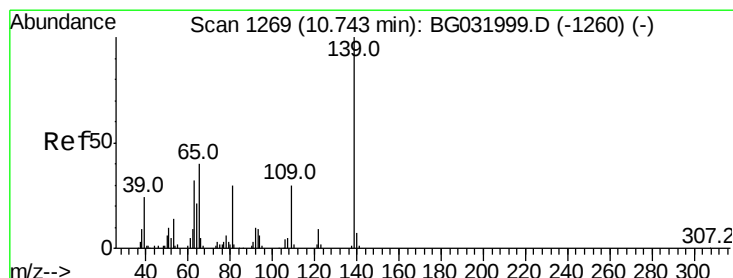
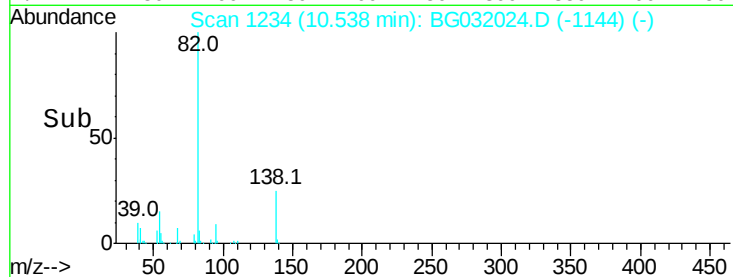
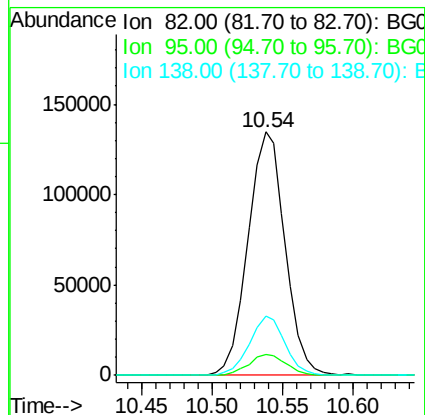
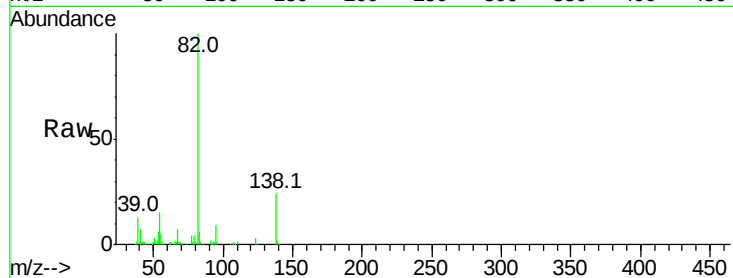
Tot Ion: 82 Resp: 247871

Ion Ratio Lower Upper

82 100

95 8.7 6.2 9.2

138 24.4 12.1 18.1#



#26

2-Nitrophenol

Concen: 41.838 ng

RT: 10.74 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

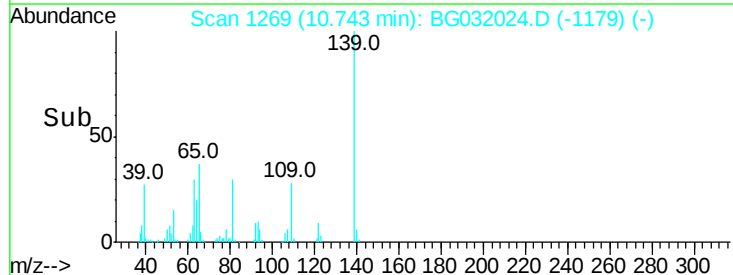
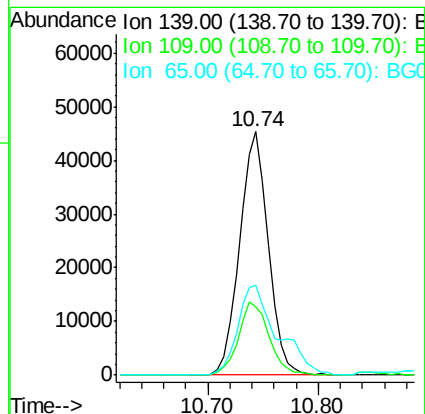
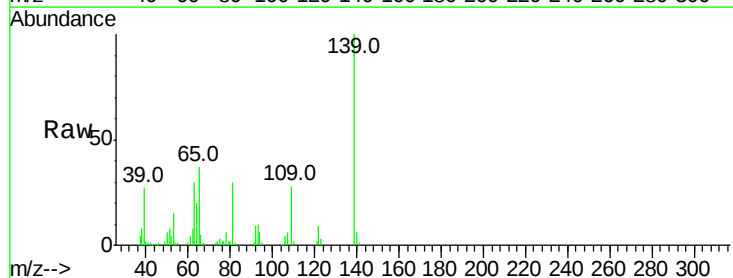
Tgt Ion: 139 Resp: 82749

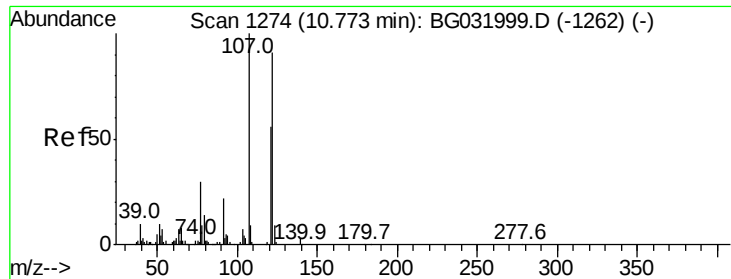
Ion Ratio Lower Upper

139 100

109 28.1 24.2 36.2

65 37.0 47.4 71.0#

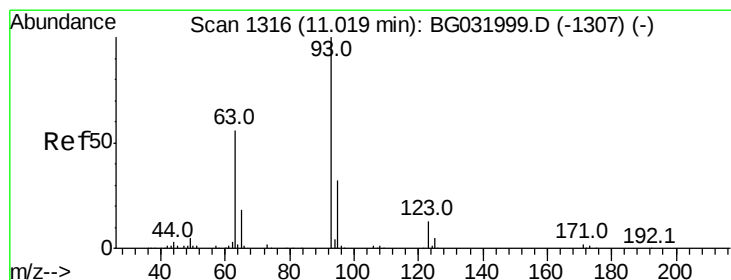
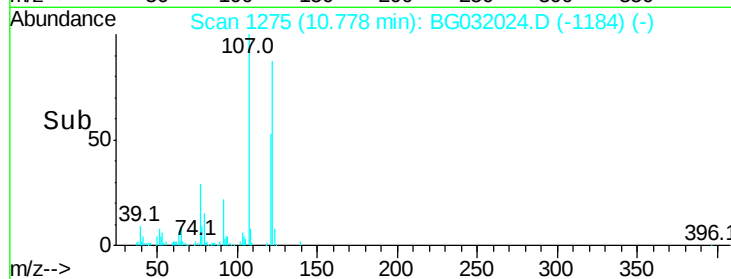
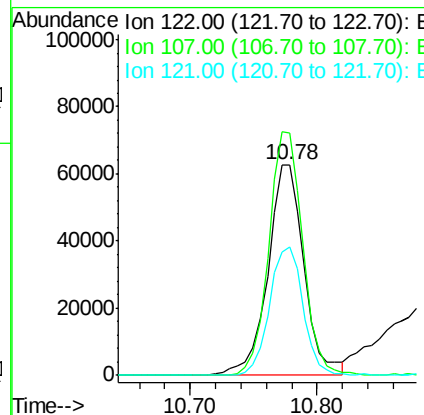
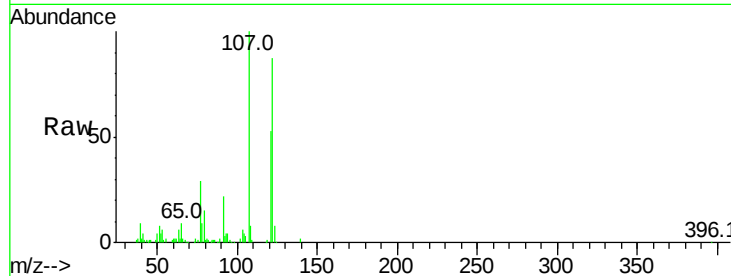




#27
 2,4-Dimethylphenol
 Concen: 39.498 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

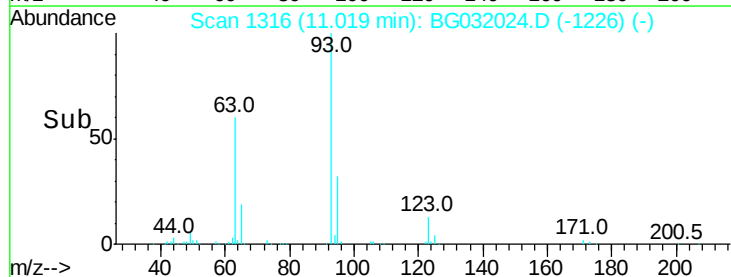
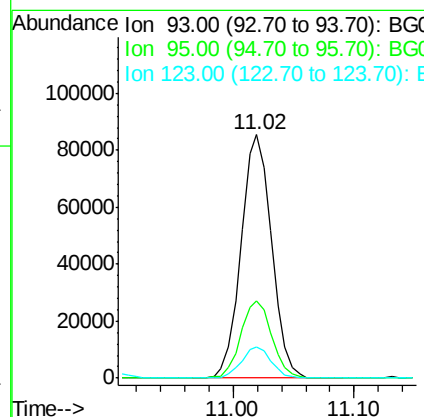
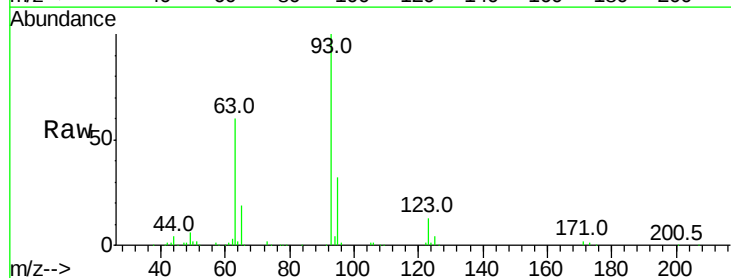
Instrument :
 BNA_G
 ClientSampleId :

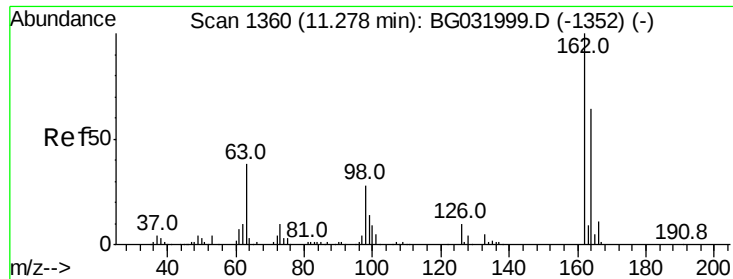
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	100.2	150.2
121	61.3	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.071 ng
 RT: 11.02 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.3	36.5
123	13.0	8.4	12.6

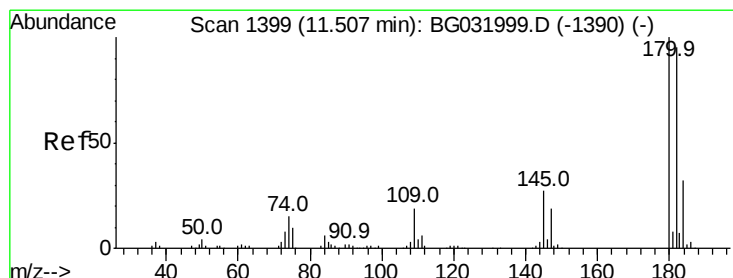
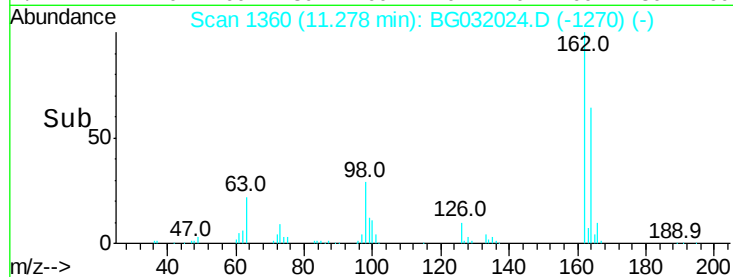
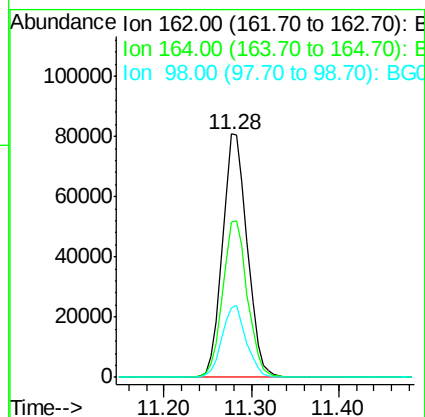
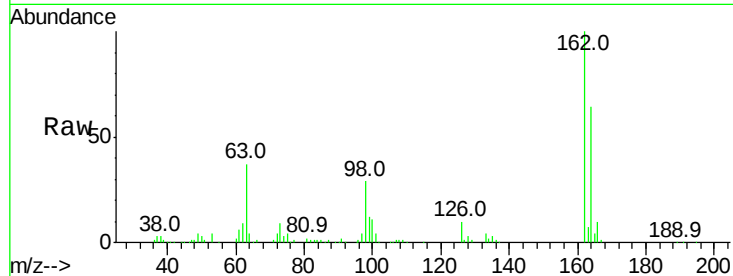




#29
 2,4-Dichlorophenol
 Concen: 40.525 ng
 RT: 11.28 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

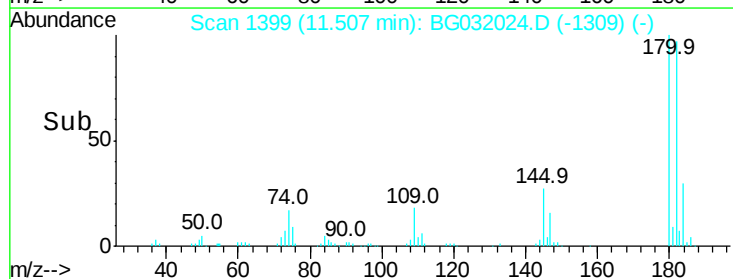
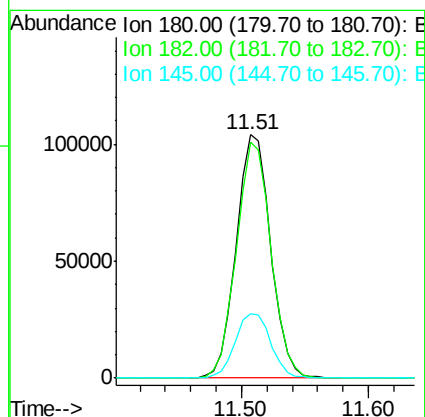
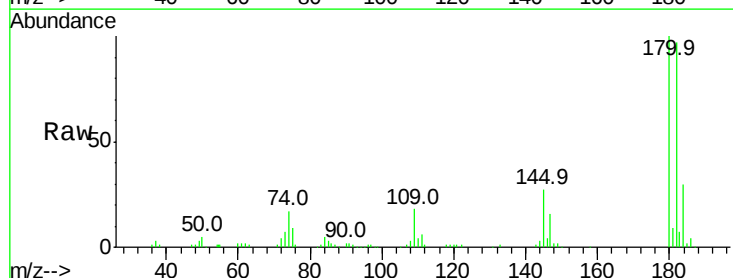
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.0	88.0
98	28.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.127 ng
 RT: 11.51 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.5	116.3
145	26.6	23.4	35.2





#31

Naphthalene

Concen: 38.816 ng

RT: 11.71 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

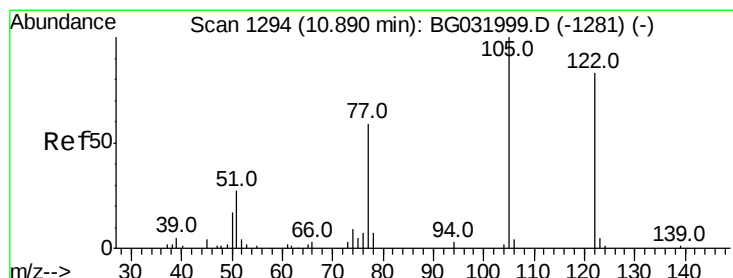
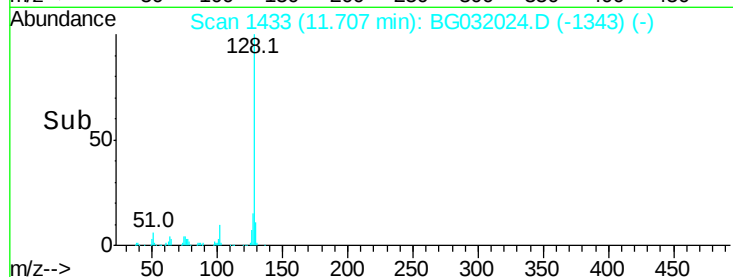
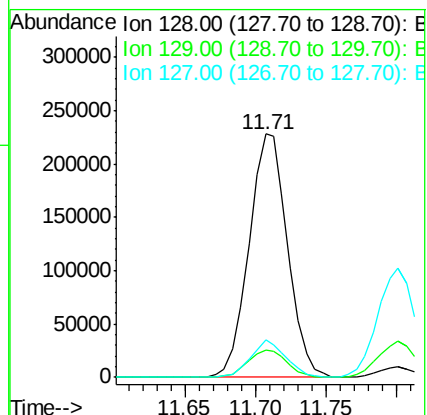
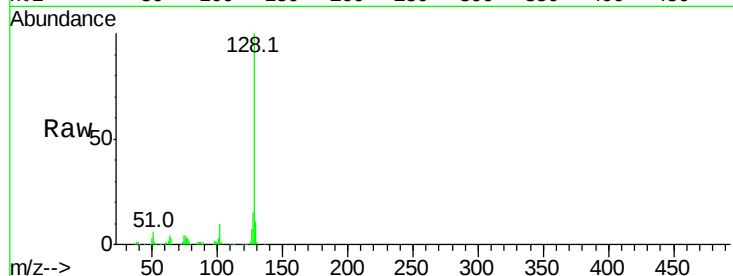
Tot Ion:128 Resp: 435329

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

127 15.2 11.6 17.4



#32

Benzoic acid

Concen: 38.979 ng

RT: 10.90 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

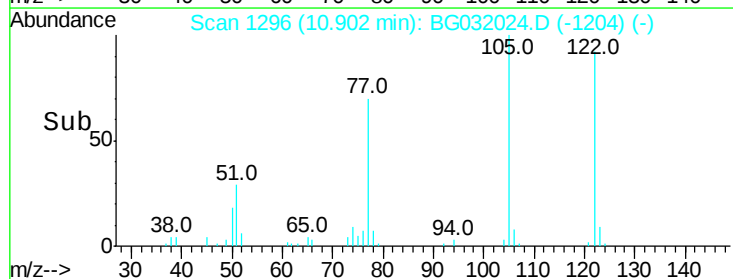
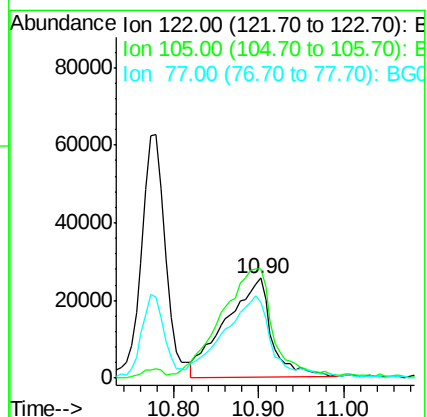
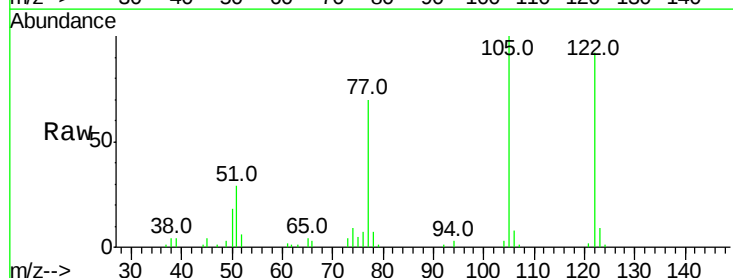
Tgt Ion:122 Resp: 95348

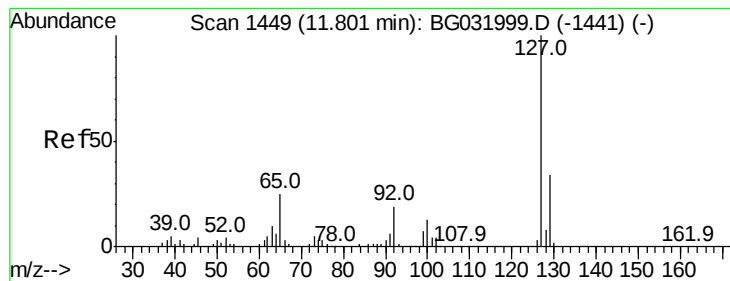
Ion Ratio Lower Upper

122 100

105 109.2 123.5 163.5#

77 76.3 85.7 125.7#





#33

4-Chloroaniline

Concen: 39.971 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:127 Resp: 192232

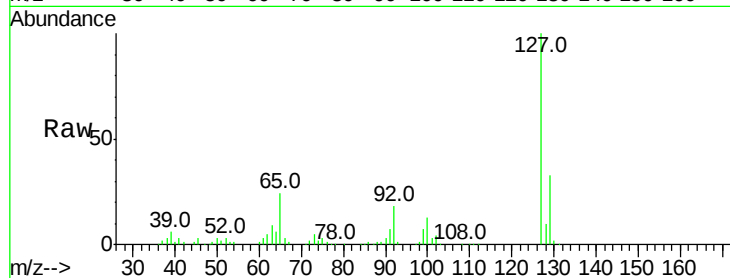
Ion Ratio Lower Upper

127 100

129 32.9 24.0 36.0

65 24.2 27.0 40.4#

92 18.4 16.6 25.0

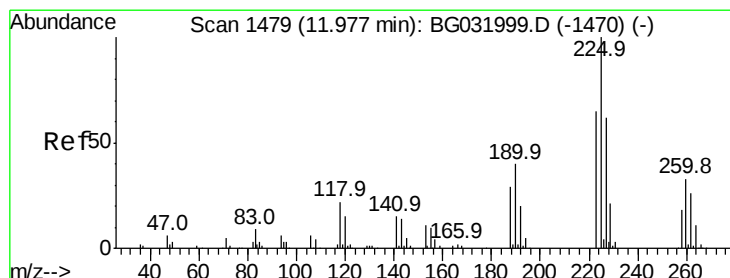
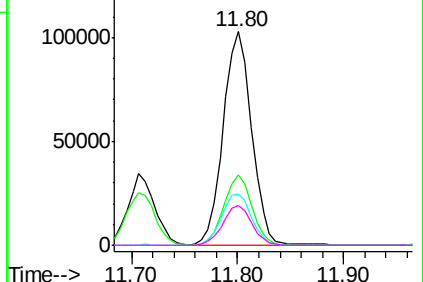
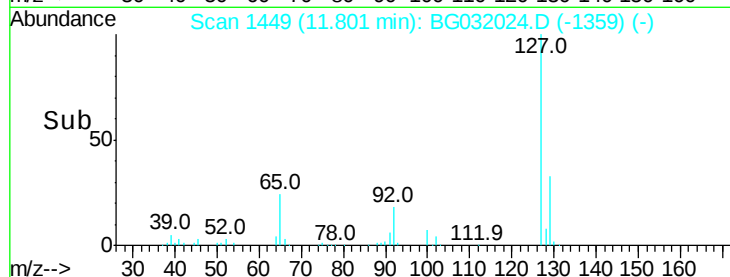


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34

Hexachlorobutadiene

Concen: 39.070 ng

RT: 11.98 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

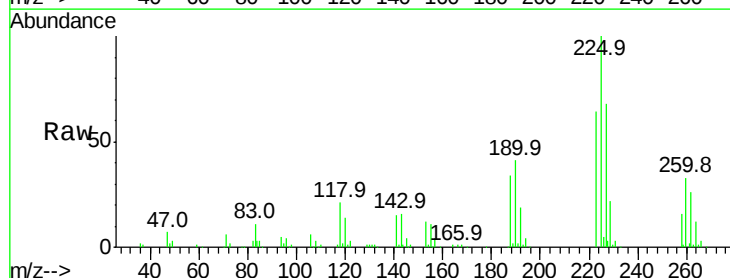
Tgt Ion:225 Resp: 139963

Ion Ratio Lower Upper

225 100

223 63.8 49.7 74.5

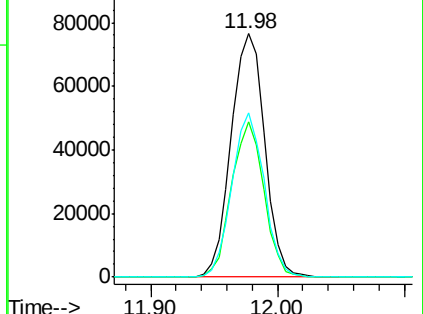
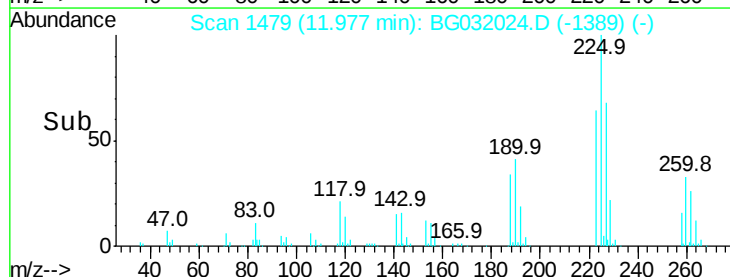
227 67.7 48.1 72.1

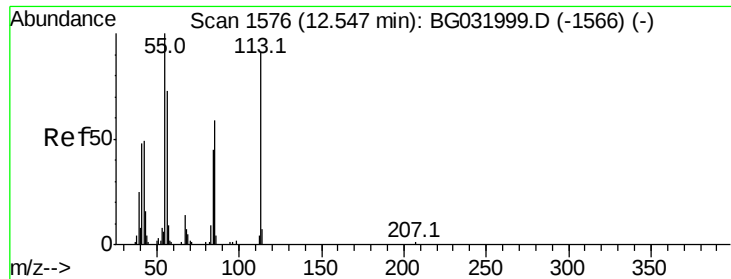


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.730 ng

RT: 12.55 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

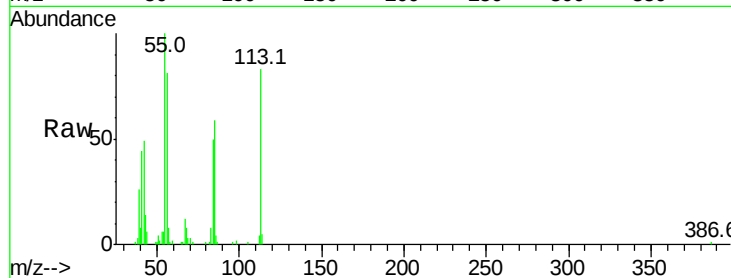
Tot Ion:113 Resp: 46549

Ion Ratio Lower Upper

113 100

55 120.0 186.9 226.9#

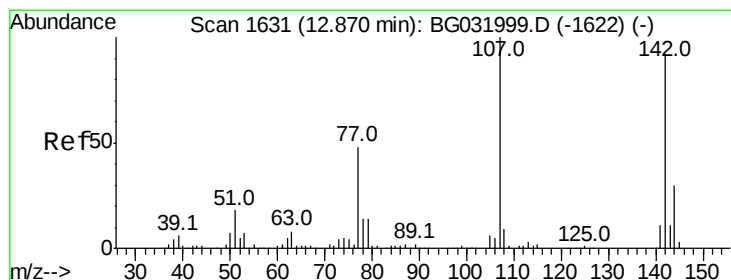
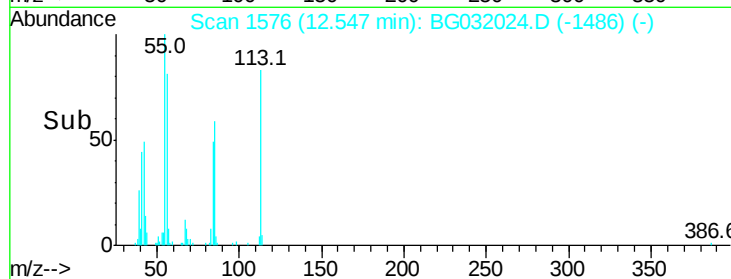
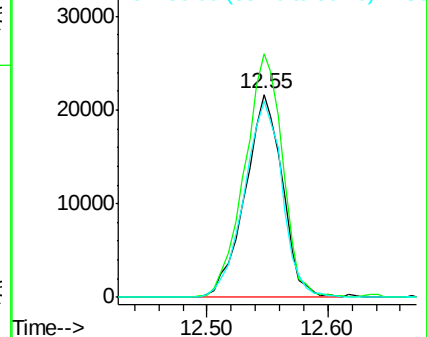
56 96.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031999.D (-1566) (-)

Ion 56.00 (55.70 to 56.70): BG031999.D (-1566) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.959 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

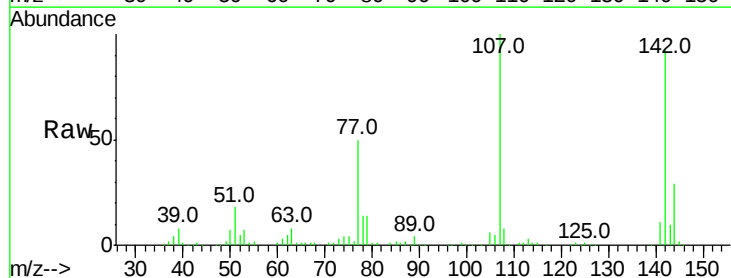
Tgt Ion:107 Resp: 144788

Ion Ratio Lower Upper

107 100

144 28.9 18.2 27.4#

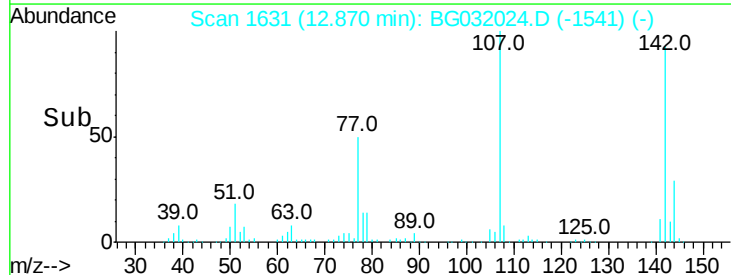
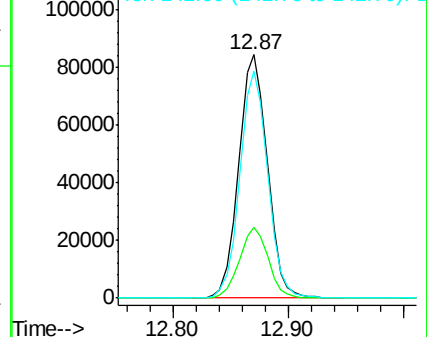
142 93.2 59.0 88.4#

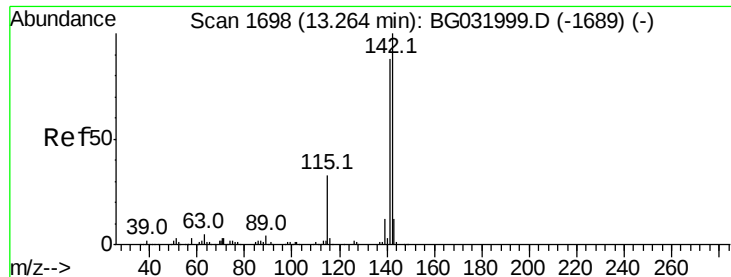


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.789 ng

RT: 13.27 min Scan# 1699

Delta R.T. 0.01 min

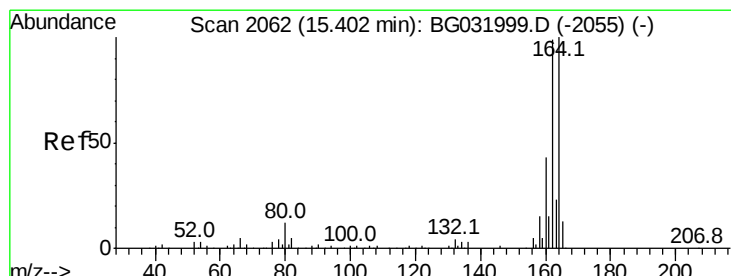
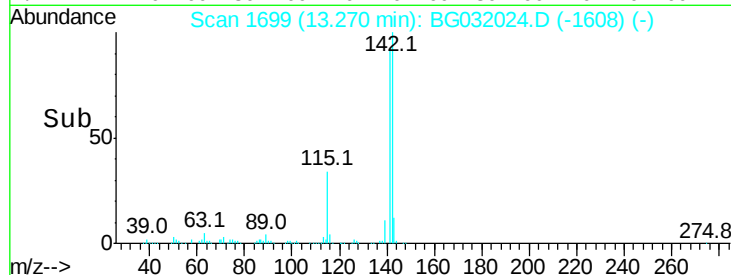
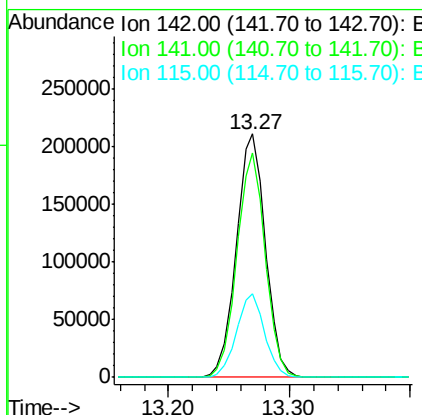
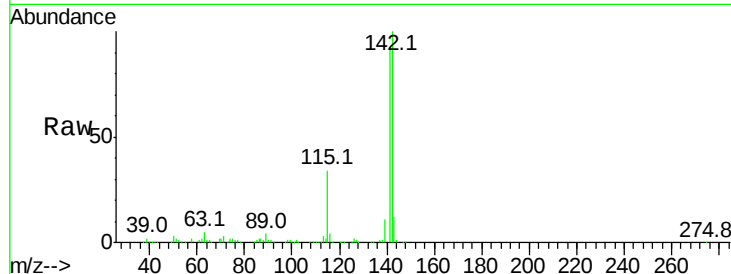
Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 354281

Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	34.1	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2062

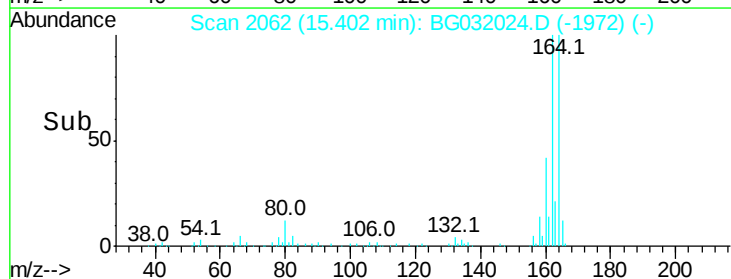
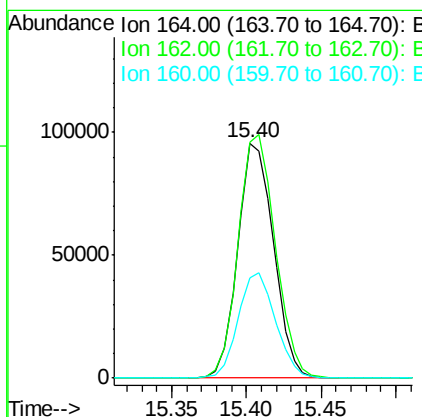
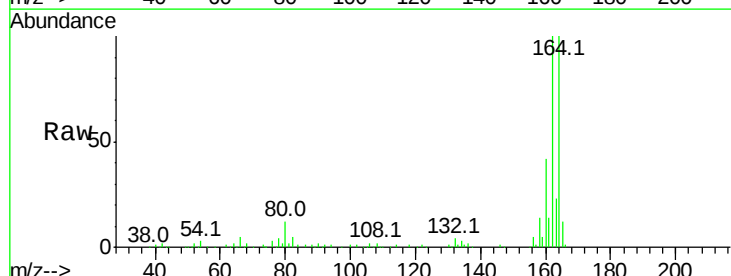
Delta R.T. -0.00 min

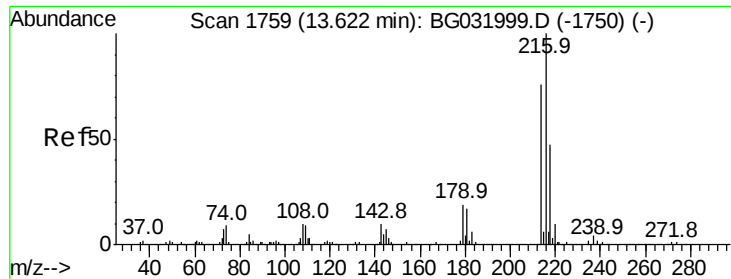
Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Tgt Ion:164 Resp: 159571

Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	42.5	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.285 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 266298

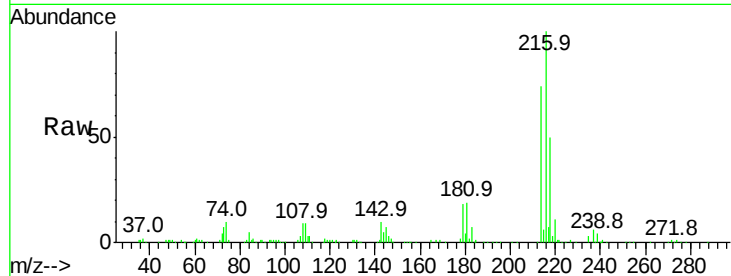
Ion Ratio Lower Upper

216 100

214 76.0 63.0 94.4

179 18.3 17.0 25.6

108 10.9 12.8 19.2#

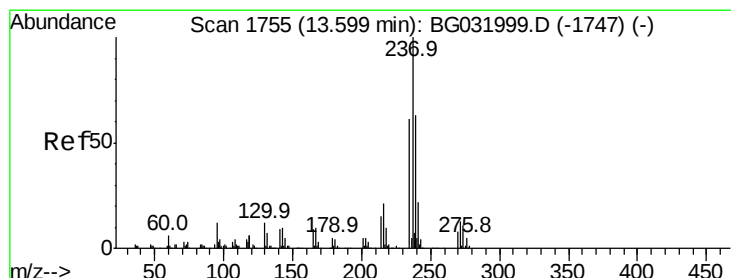
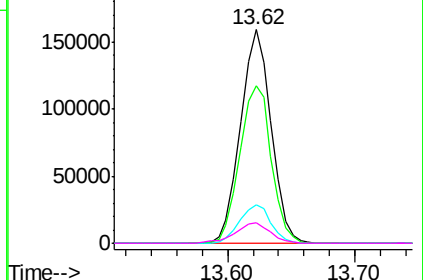
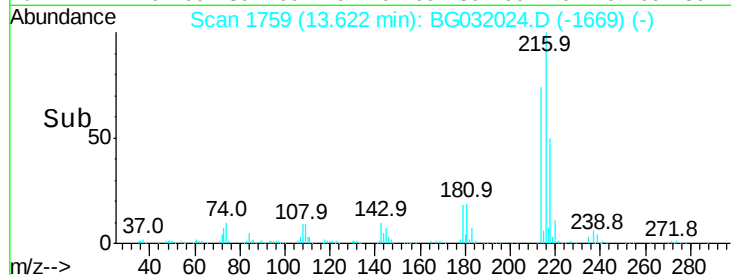


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.416 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

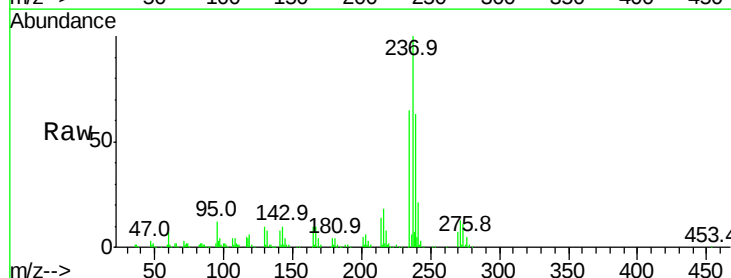
Tgt Ion:237 Resp: 154418

Ion Ratio Lower Upper

237 100

235 65.4 50.4 90.4

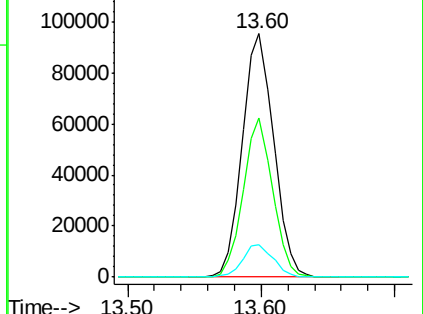
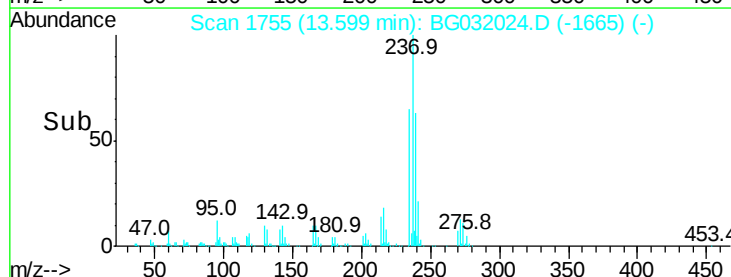
272 13.5 0.0 31.8

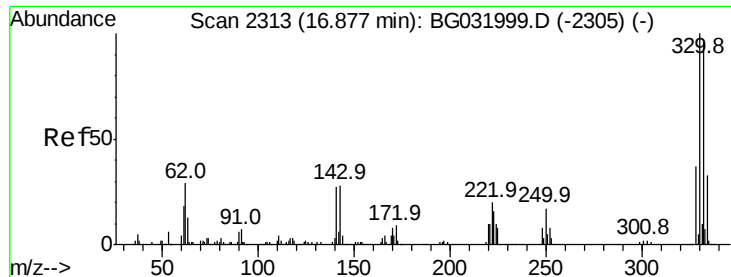


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 79.517 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

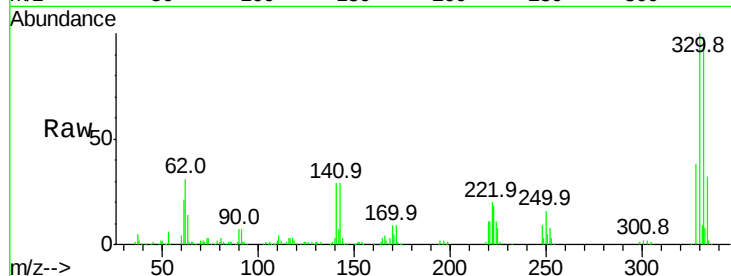
Tot Ion:330 Resp: 209967

Ion Ratio Lower Upper

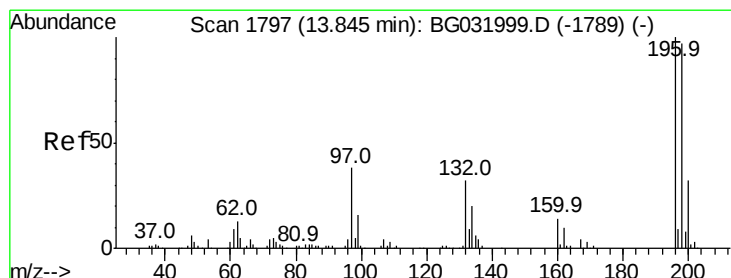
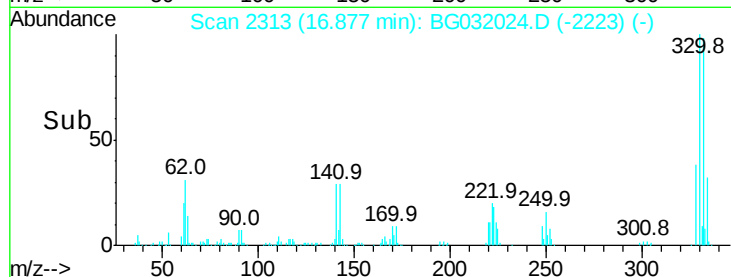
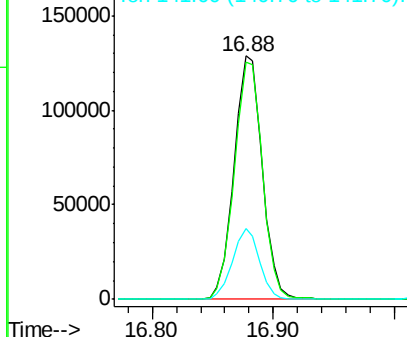
330 100

332 97.1 77.0 115.6

141 27.8 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: 39.525 ng

RT: 13.85 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

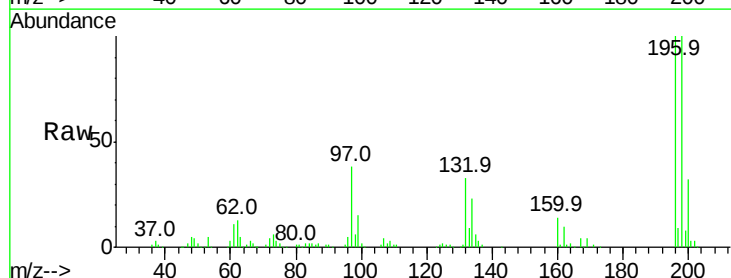
Tgt Ion:196 Resp: 154476

Ion Ratio Lower Upper

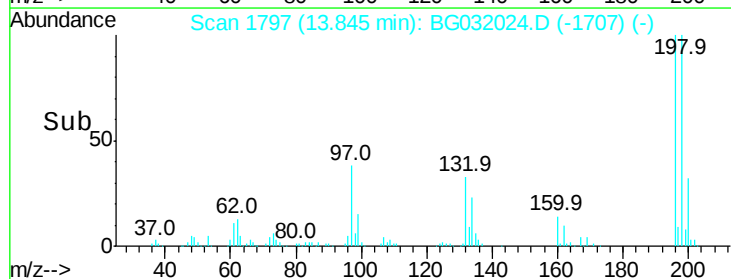
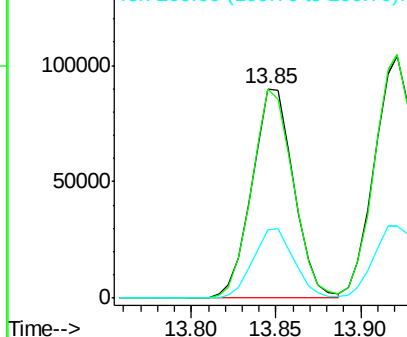
196 100

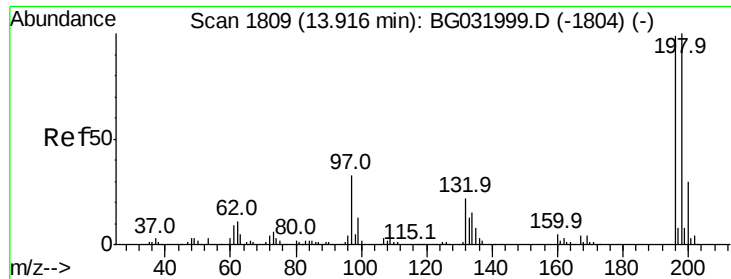
198 99.7 78.2 117.2

200 32.3 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

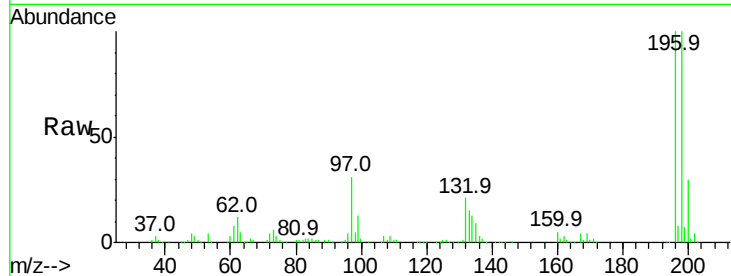




#43
 2,4,5-Trichlorophenol
 Concen: 39.070 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.4	76.2	114.4
97	31.5	38.7	58.1
132	21.6	20.2	30.2



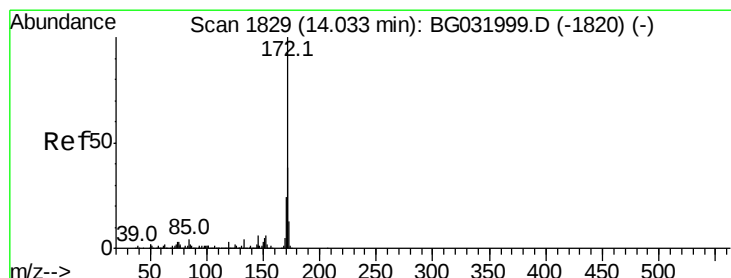
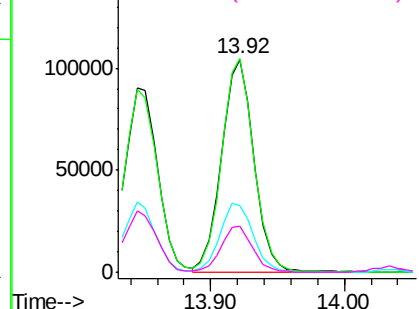
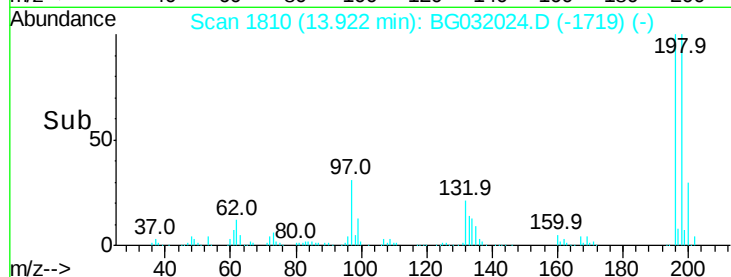
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

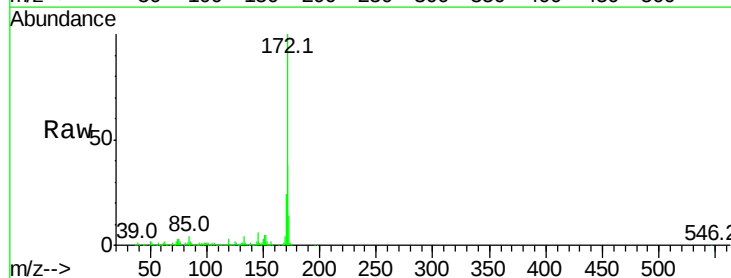
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.696 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.0	19.5	29.3

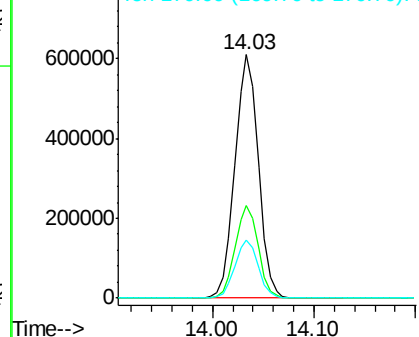
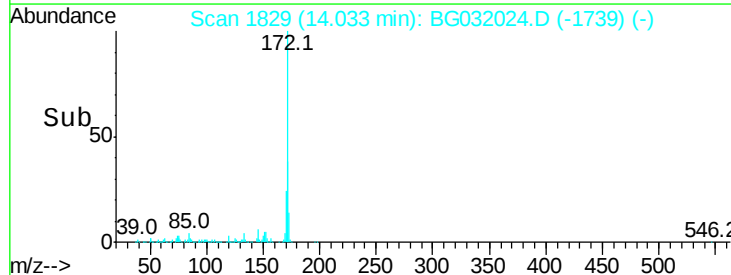


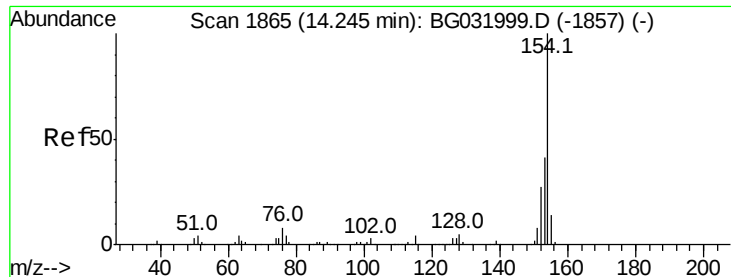
Abundance

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: 38.543 ng

RT: 14.24 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

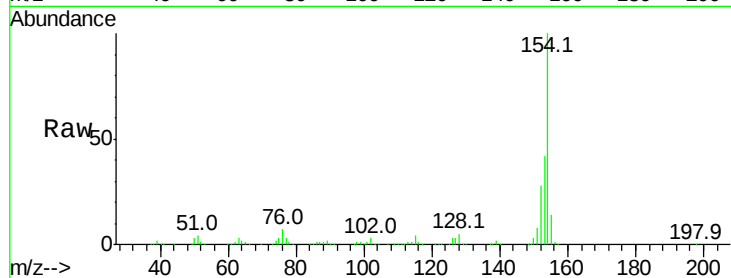
Tot Ion:154 Resp: 527248

Ion Ratio Lower Upper

154 100

153 41.9 19.8 59.8

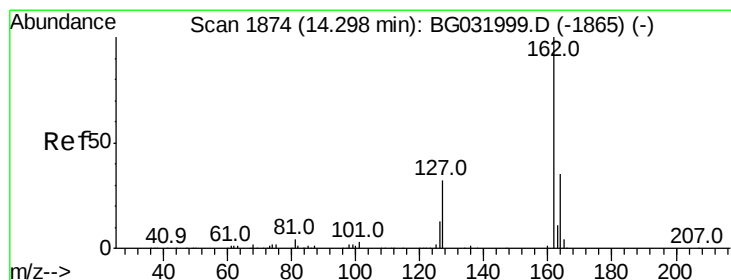
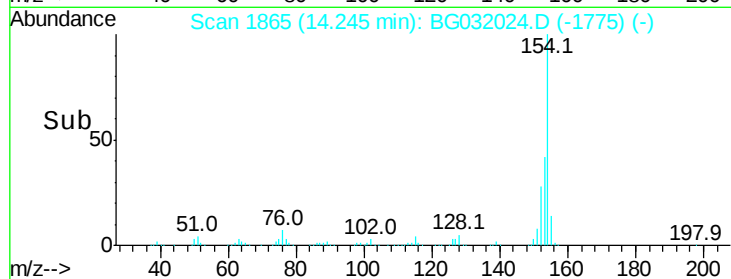
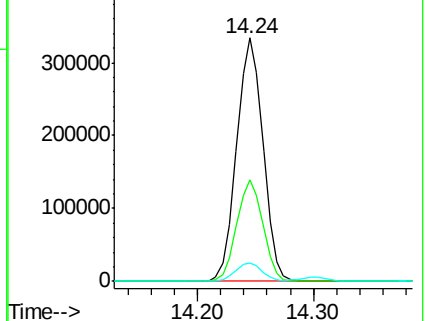
76 7.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.201 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

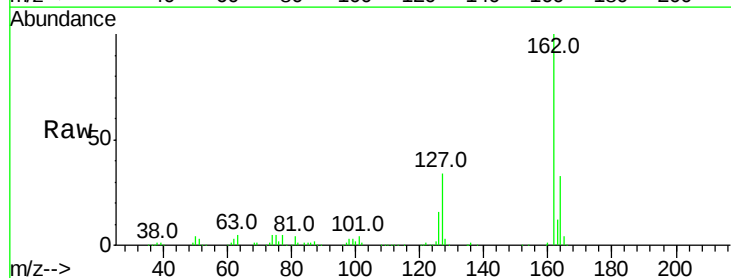
Tgt Ion:162 Resp: 406536

Ion Ratio Lower Upper

162 100

127 34.0 30.7 46.1

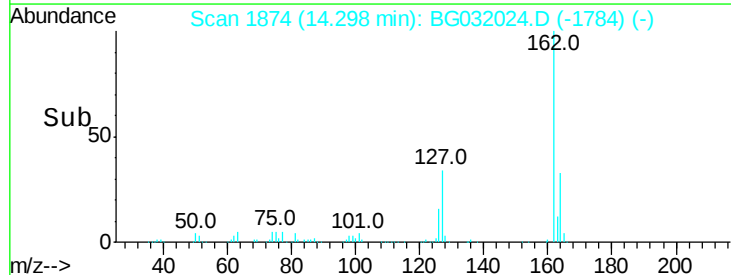
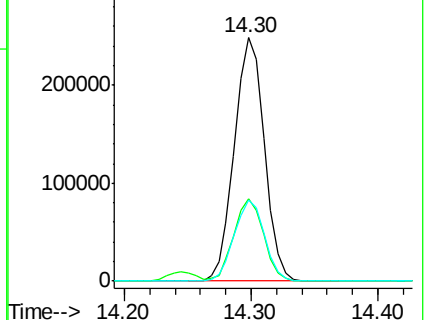
164 33.2 26.0 39.0

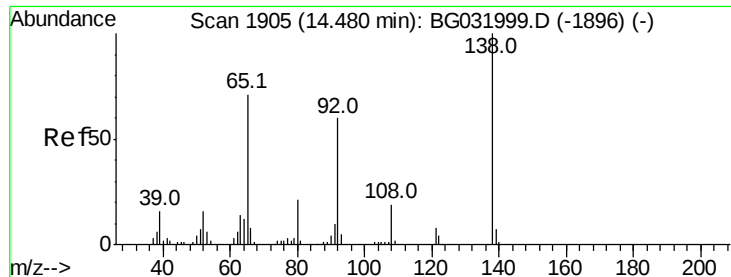


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.868 ng

RT: 14.49 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

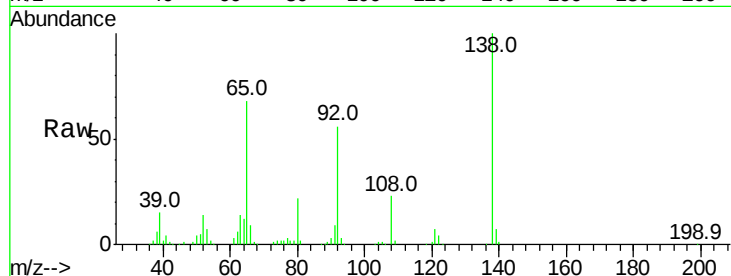
Tot Ion: 65 Resp: 85297

Ion Ratio Lower Upper

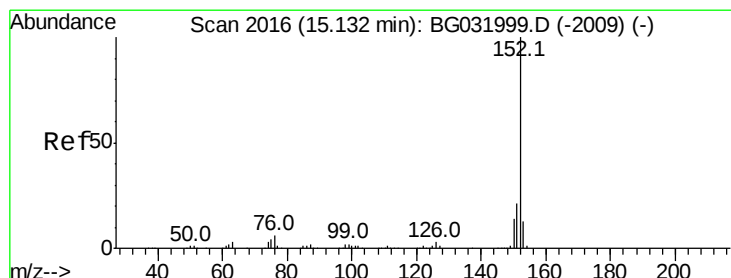
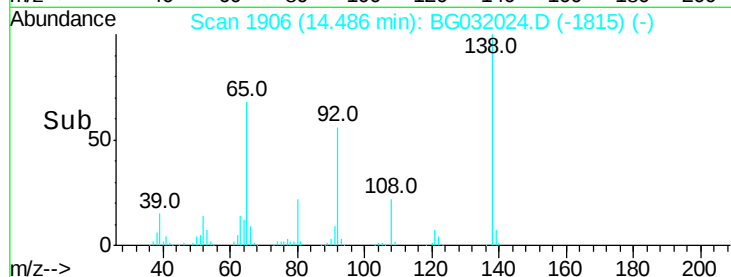
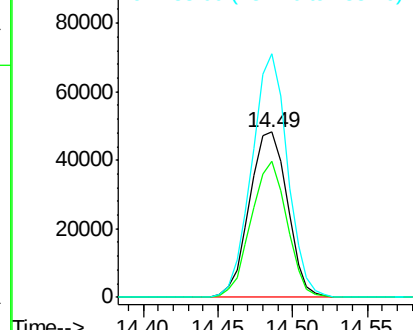
65 100

92 82.5 54.6 82.0#

138 147.5 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 38.693 ng

RT: 15.14 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

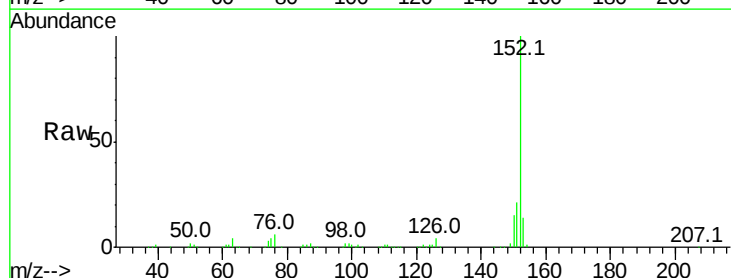
Tgt Ion: 152 Resp: 627040

Ion Ratio Lower Upper

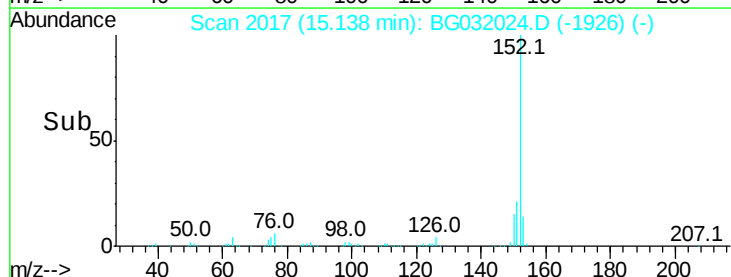
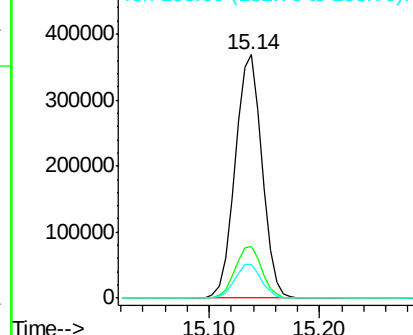
152 100

151 21.3 17.2 25.8

153 13.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 39.282 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

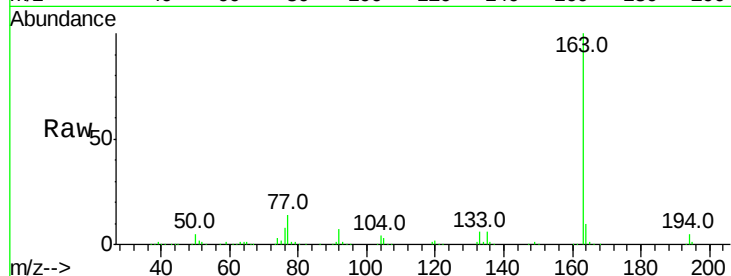
Tot Ion:163 Resp: 548533

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

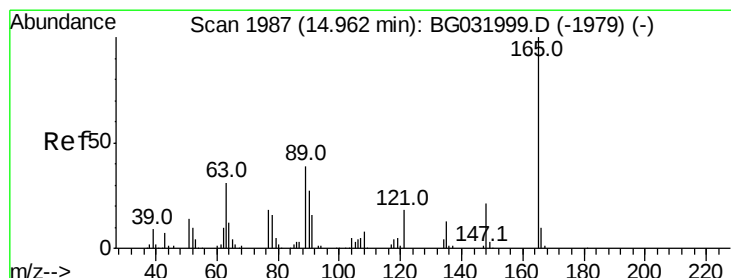
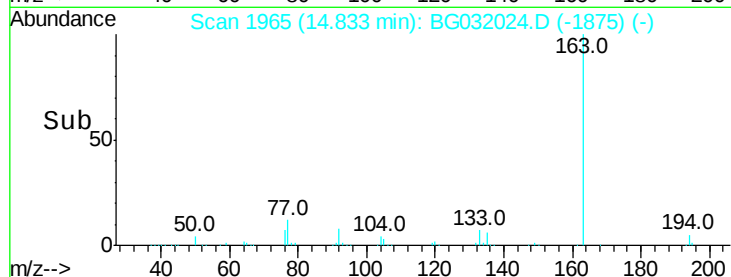
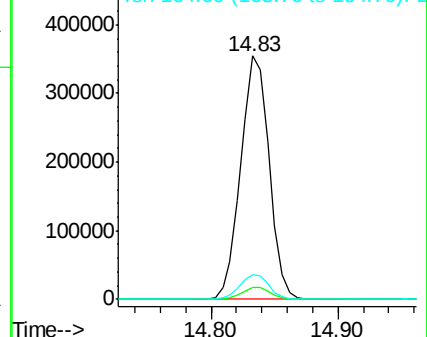
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.537 ng

RT: 14.96 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

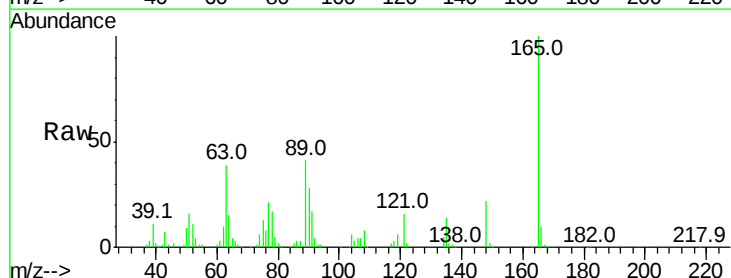
Tgt Ion:165 Resp: 117491

Ion Ratio Lower Upper

165 100

63 39.2 52.7 79.1#

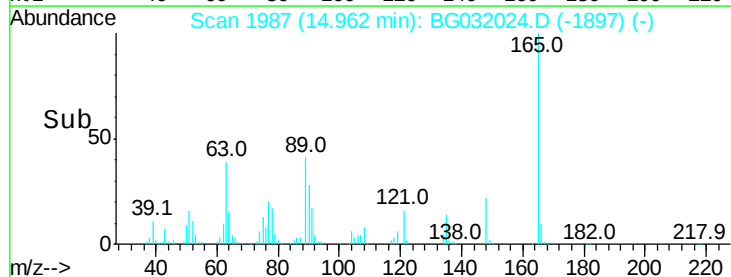
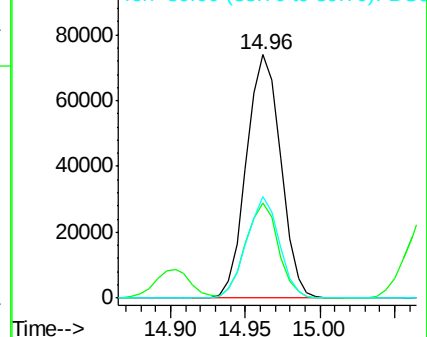
89 41.5 49.2 73.8#

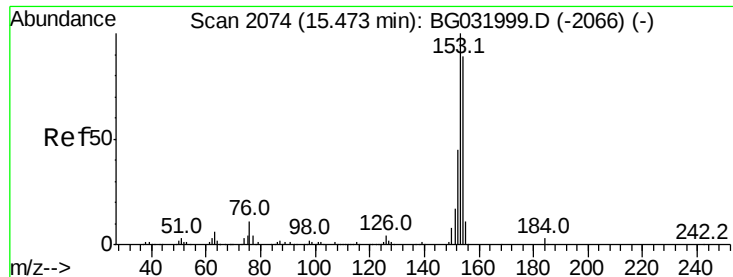


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.093 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

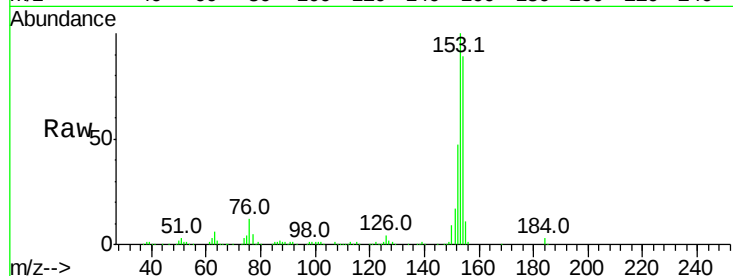
Tot Ion:154 Resp: 418913

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

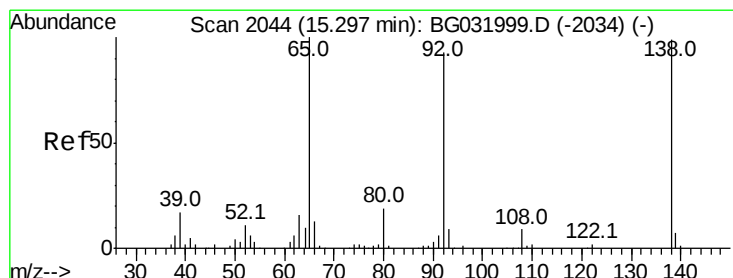
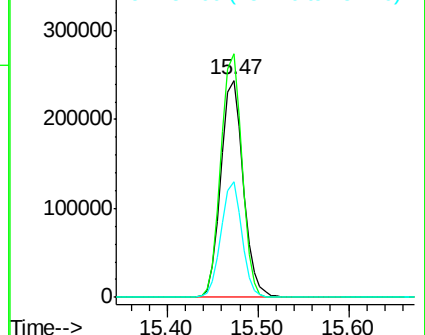
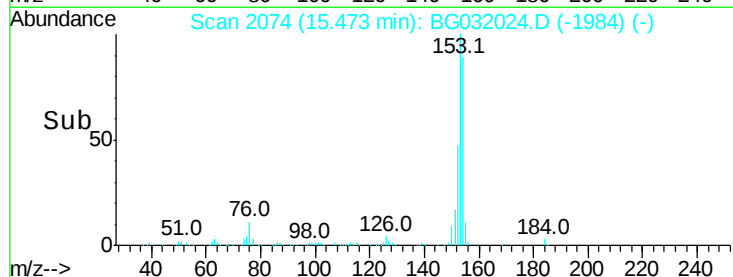
152 53.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.920 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

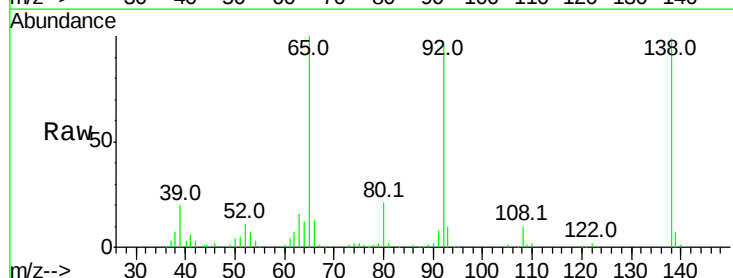
Tgt Ion:138 Resp: 107119

Ion Ratio Lower Upper

138 100

108 10.2 17.5 26.3#

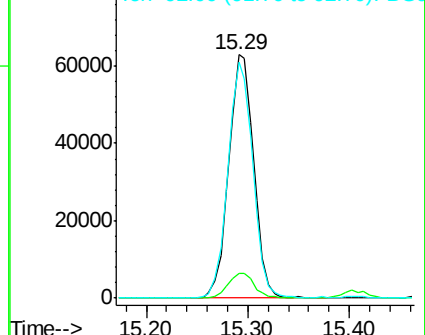
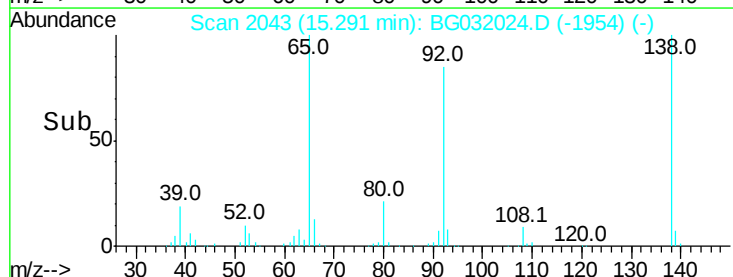
92 96.8 105.8 158.8#

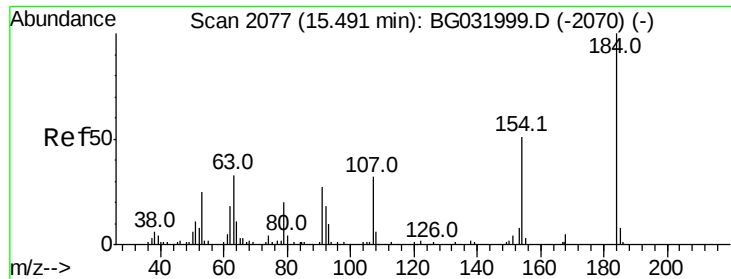


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

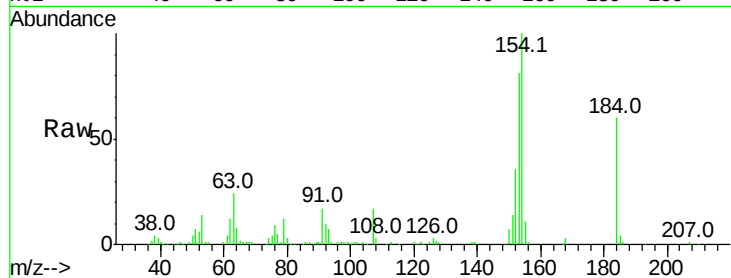




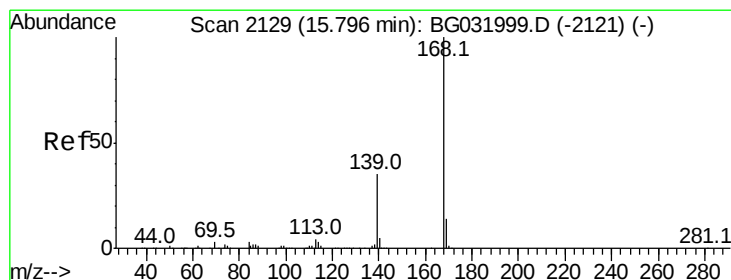
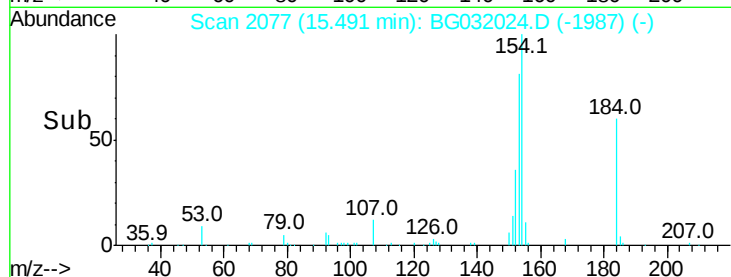
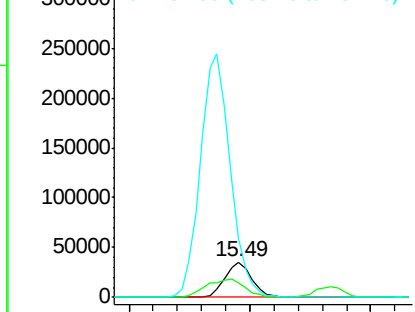
#53
2,4-Dinitrophenol
Concen: 42.099 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 55955
Ion Ratio Lower Upper
184 100
63 40.2 59.8 89.8#
154 166.5 101.8 152.8#

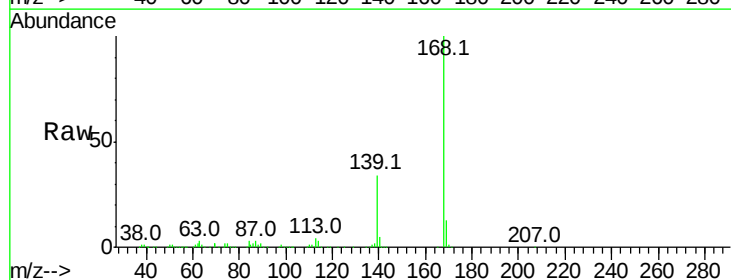


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

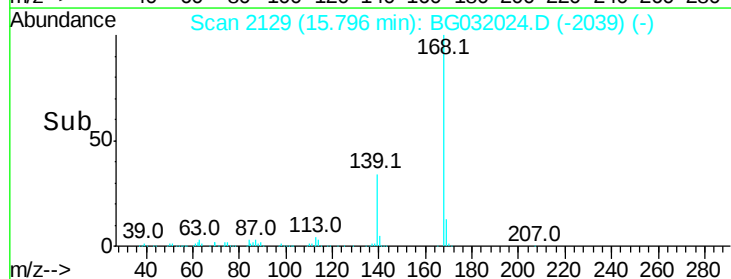
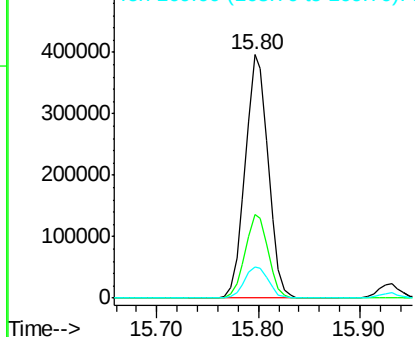


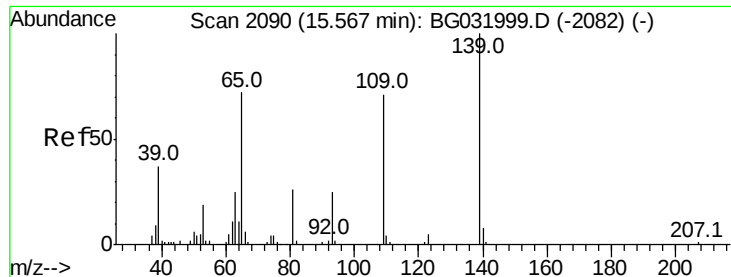
#54
Dibenzofuran
Concen: 38.750 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Tgt Ion:168 Resp: 619420
Ion Ratio Lower Upper
168 100
139 34.2 28.6 43.0
169 13.0 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

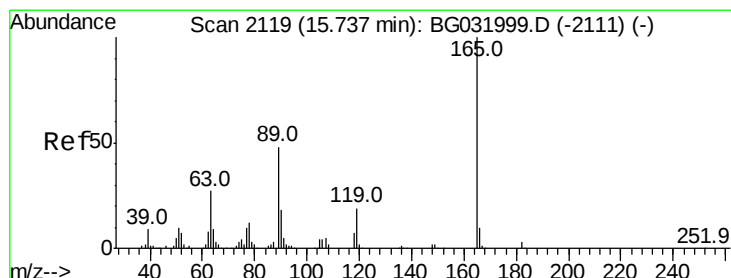
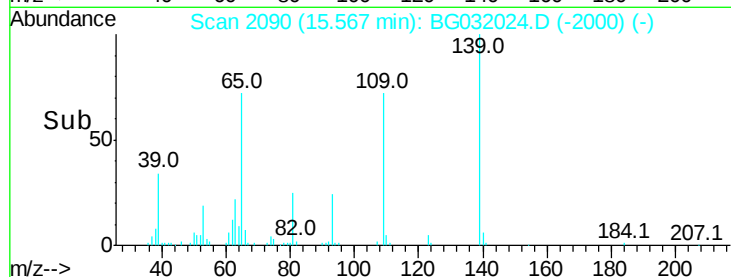
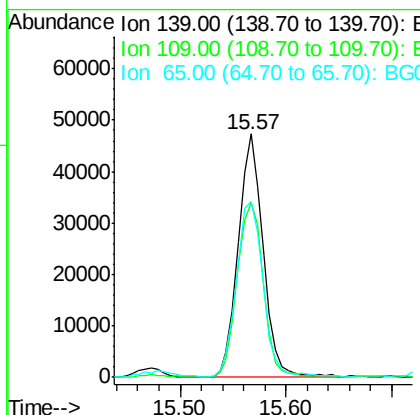
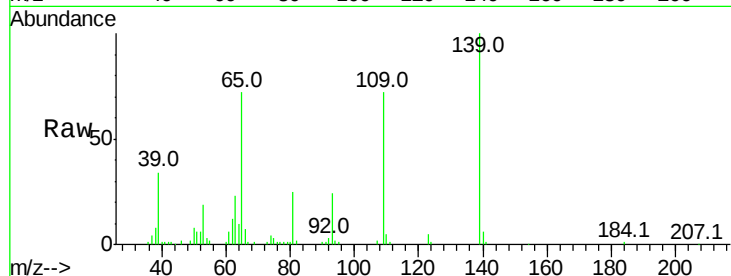




#55
4-Nitrophenol
Concen: 40.373 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

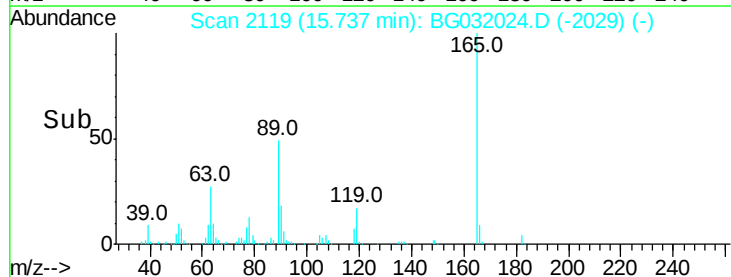
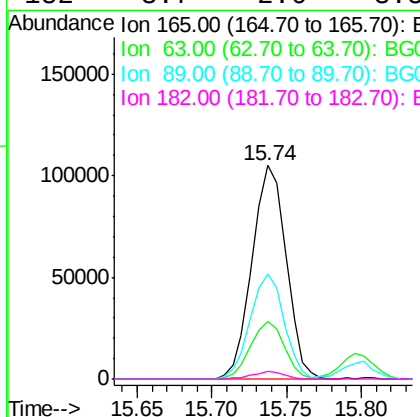
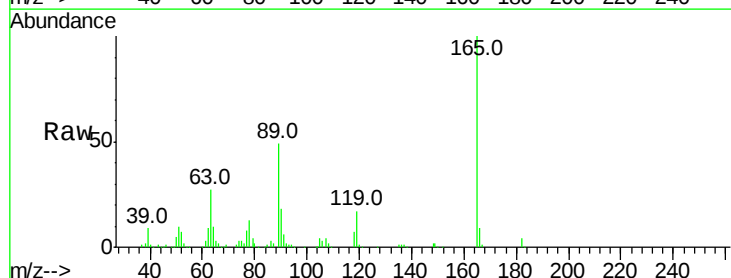
Instrument :
BNA_G
ClientSampleId :

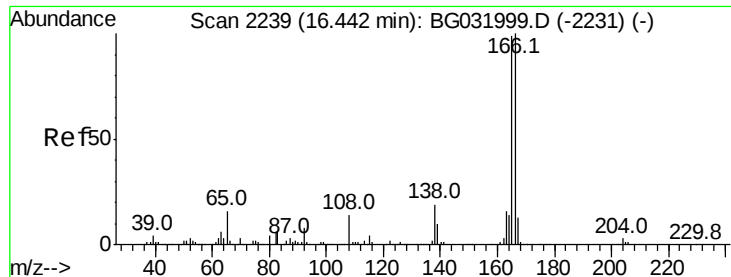
Tot Ion:139 Resp: 77023
Ion Ratio Lower Upper
139 100
109 71.5 62.2 102.2
65 72.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 42.496 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Tgt Ion:165 Resp: 165829
Ion Ratio Lower Upper
165 100
63 26.8 42.0 63.0#
89 49.4 66.9 100.3#
182 3.7 2.6 3.8

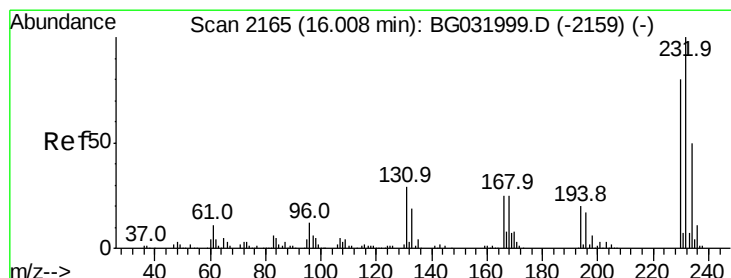
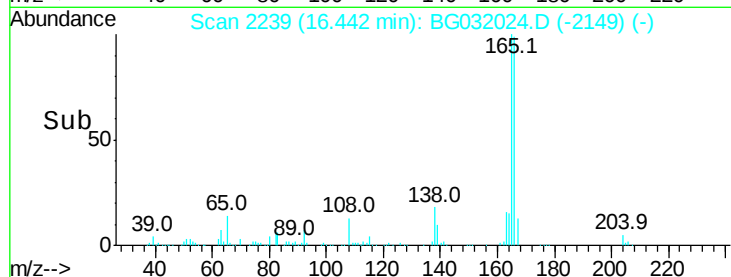
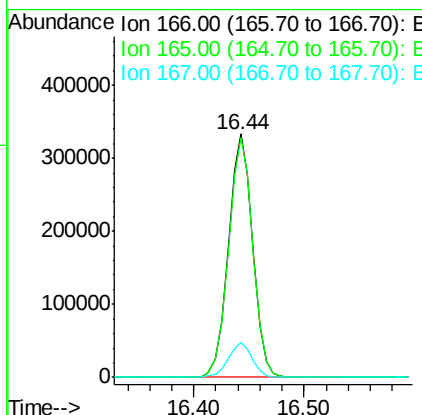
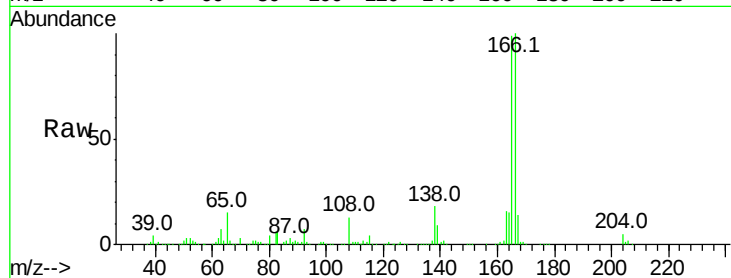




#57
 Fluorene
 Concen: 38.723 ng
 RT: 16.44 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

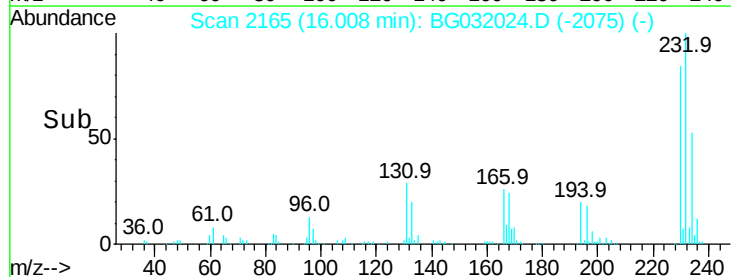
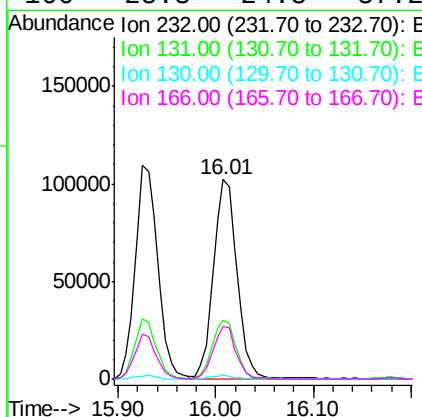
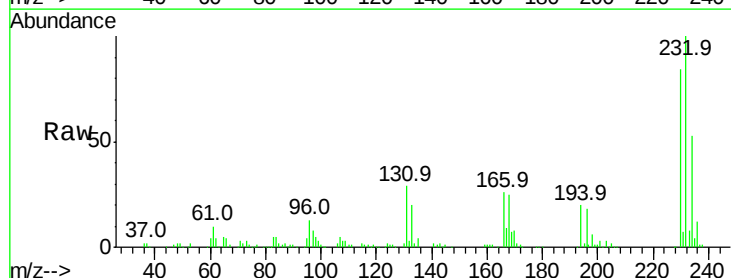
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 507667
 Ion Ratio Lower Upper
 166 100
 165 98.7 80.6 121.0
 167 14.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.812 ng
 RT: 16.01 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion:232 Resp: 170792
 Ion Ratio Lower Upper
 232 100
 131 29.7 33.5 50.3#
 130 1.7 2.2 3.2#
 166 25.3 24.8 37.2

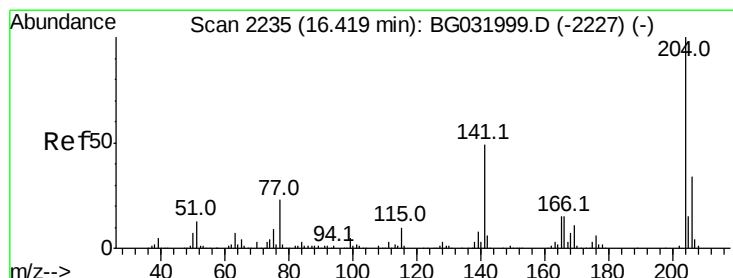
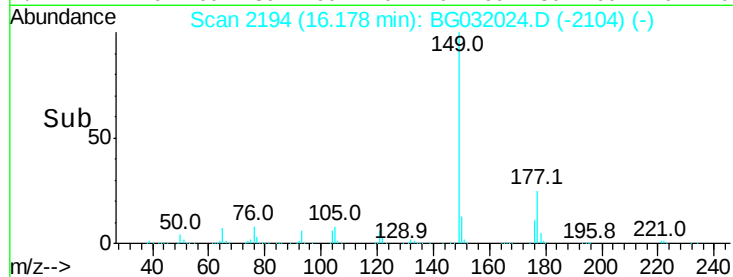
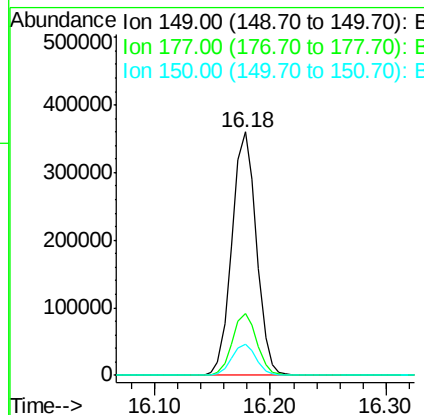
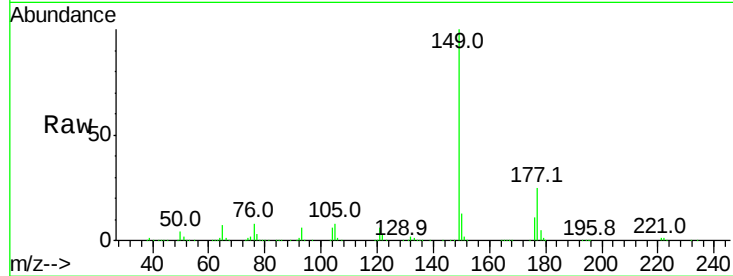




#59
Diethylphthalate
Concen: 38.989 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

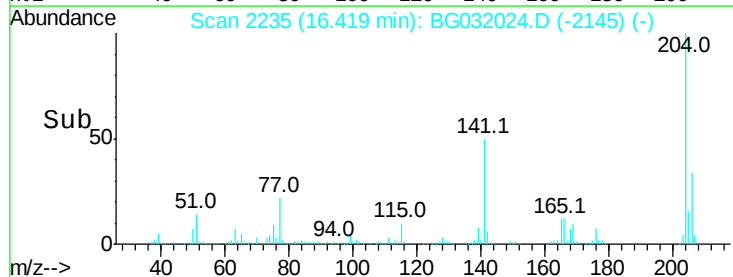
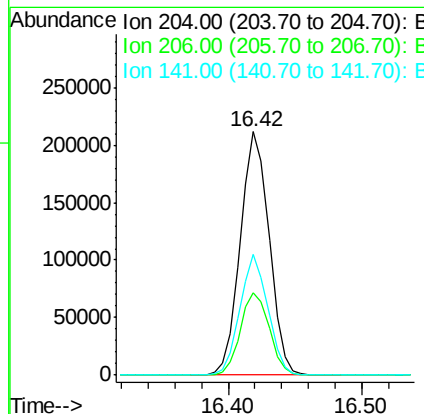
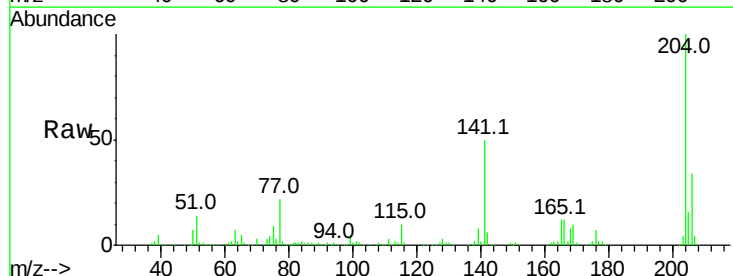
Instrument :
BNA_G
ClientSampled :

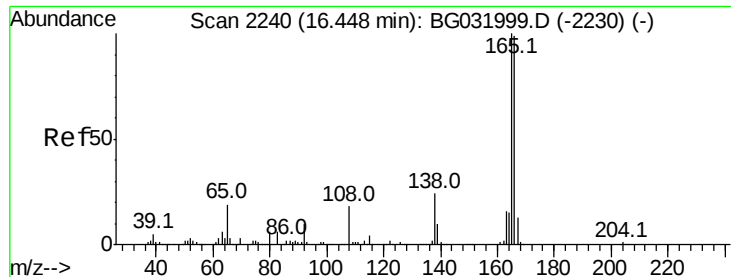
Tot Ion:149 Resp: 527797
Ion Ratio Lower Upper
149 100
177 25.2 18.5 27.7
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.270 ng
RT: 16.42 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Tgt Ion:204 Resp: 315817
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 49.8 45.8 68.6





#61

4-Nitroaniline

Concen: 41.782 ng

RT: 16.45 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

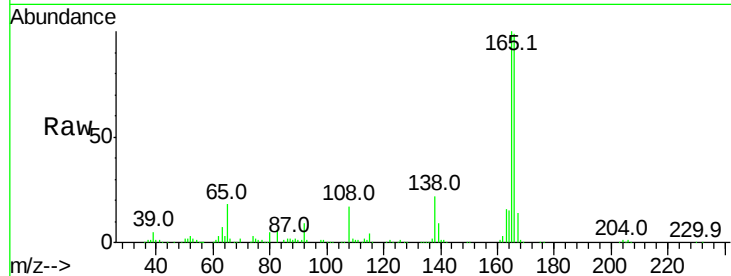
Tot Ion:138 Resp: 104921

Ion Ratio Lower Upper

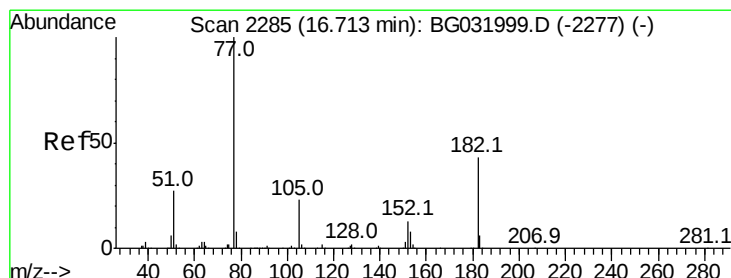
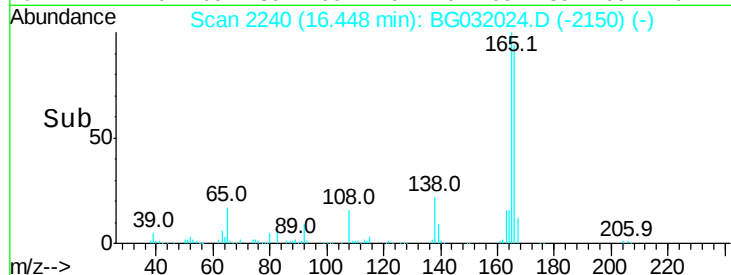
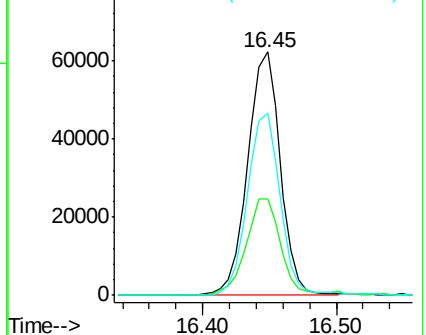
138 100

92 39.7 40.1 80.1#

108 74.8 65.4 105.4



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



#62

Azobenzene

Concen: 38.859 ng

RT: 16.71 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Tgt Ion: 77 Resp: 329251

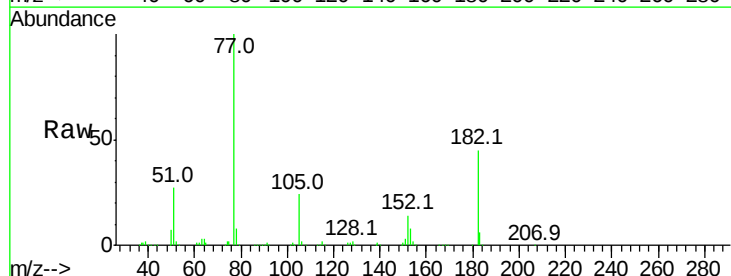
Ion Ratio Lower Upper

77 100

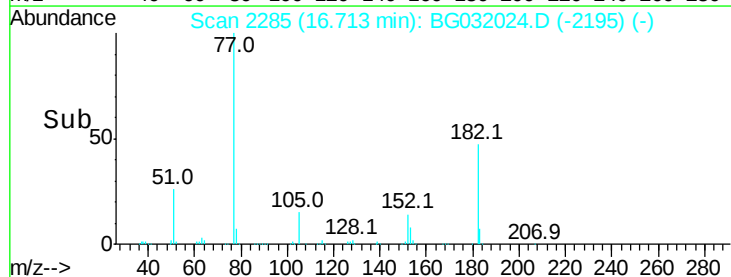
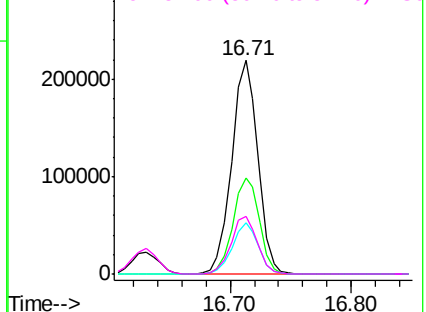
182 44.7 7.4 47.4

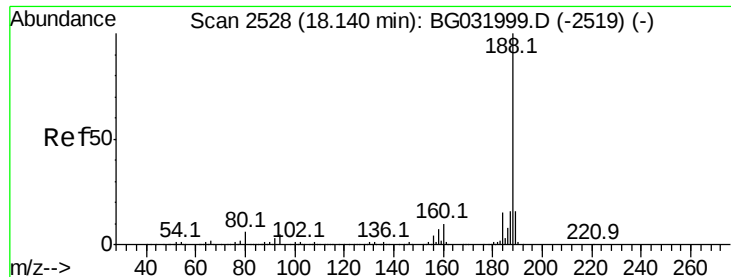
105 24.0 0.3 40.3

51 27.3 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

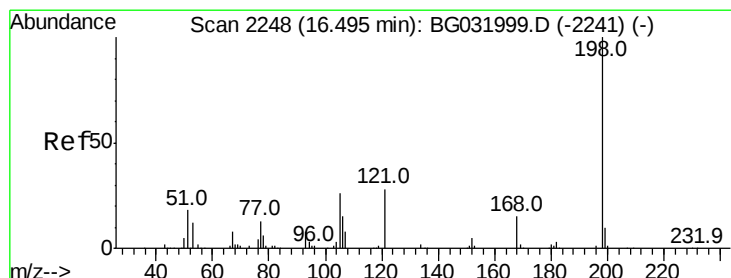
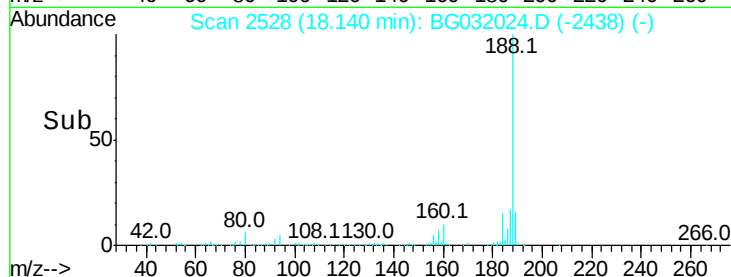
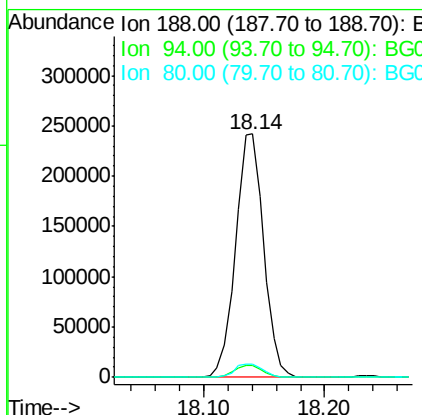
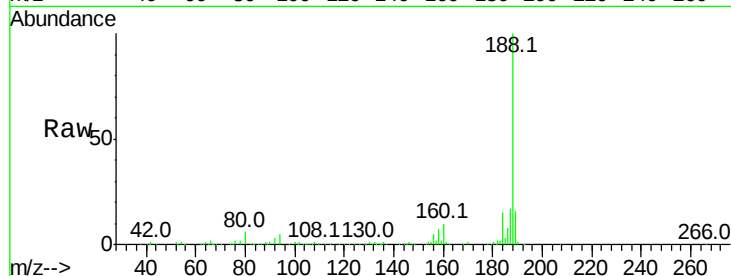




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

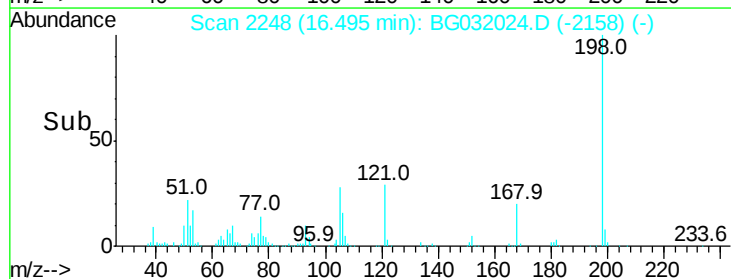
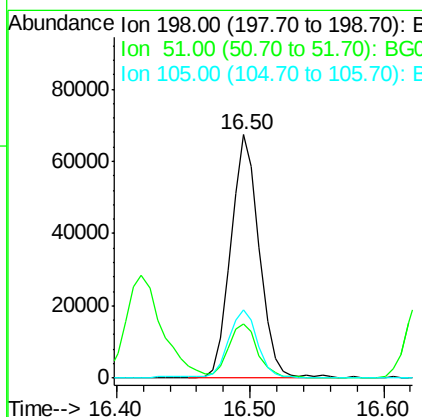
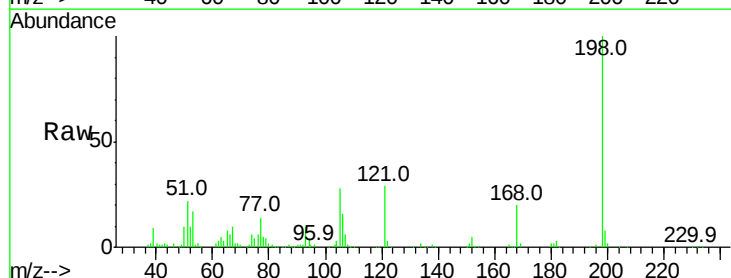
Instrument :
 BNA_G
 ClientSampleId :

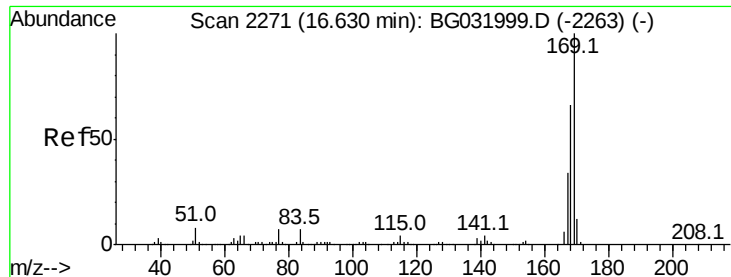
Tot Ion:188 Resp: 392100
 Ion Ratio Lower Upper
 188 100
 94 5.0 6.9 10.3#
 80 5.7 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.661 ng
 RT: 16.50 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion:198 Resp: 99961
 Ion Ratio Lower Upper
 198 100
 51 22.4 30.6 70.6#
 105 28.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 39.626 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

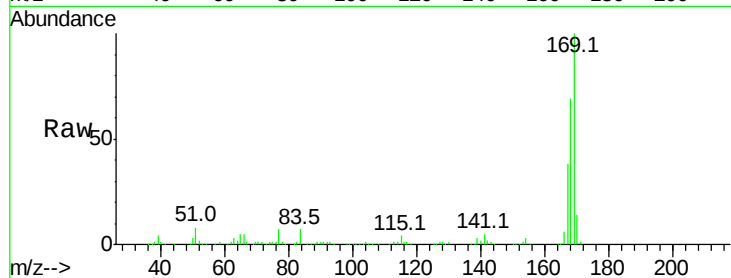
Tot Ion:169 Resp: 471468

Ion Ratio Lower Upper

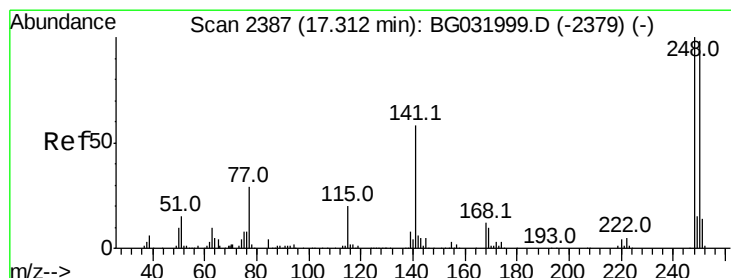
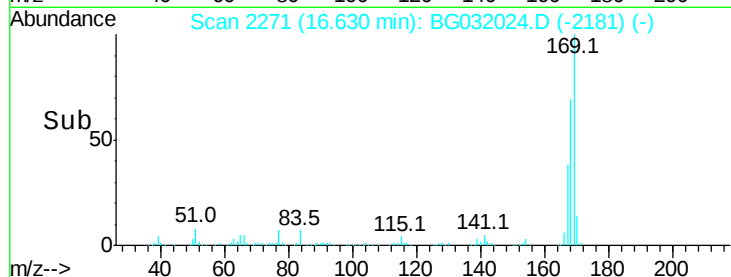
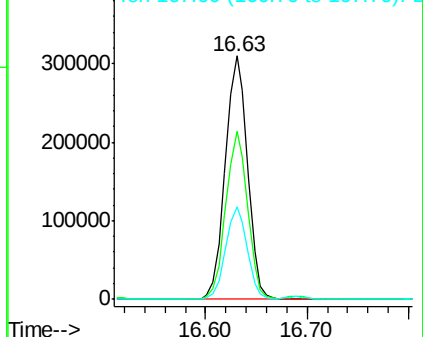
169 100

168 69.1 55.7 83.5

167 37.9 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



#66

4-Bromophenyl-phenylether

Concen: 39.001 ng

RT: 17.31 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

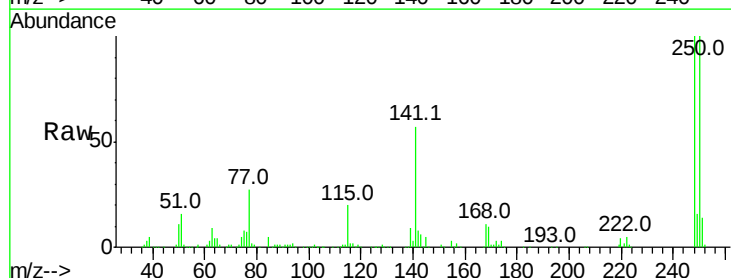
Tgt Ion:248 Resp: 217584

Ion Ratio Lower Upper

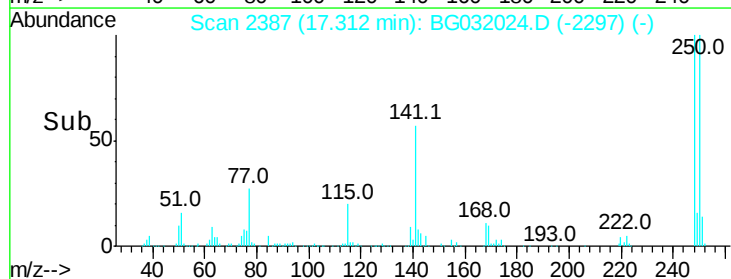
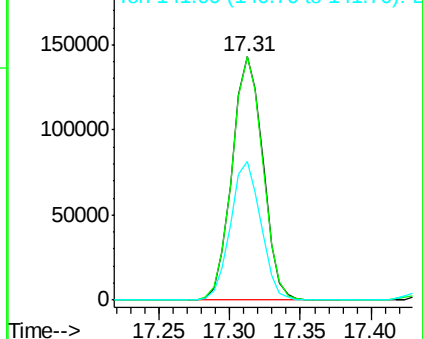
248 100

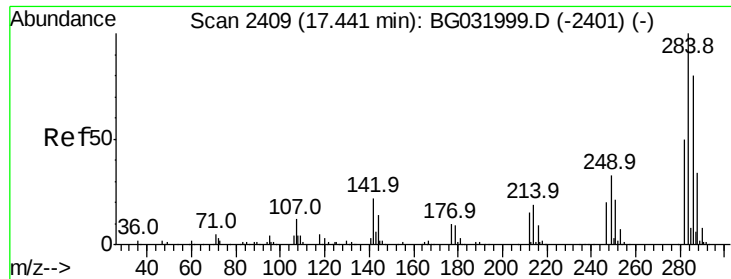
250 100.0 77.1 115.7

141 56.9 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

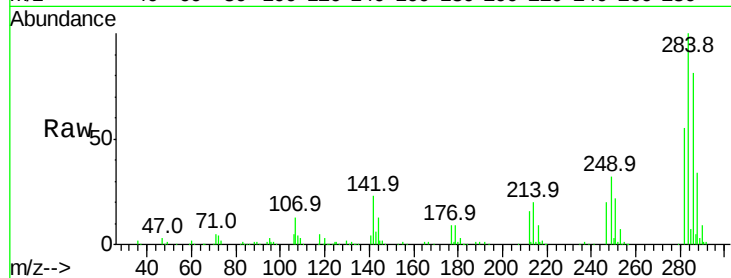




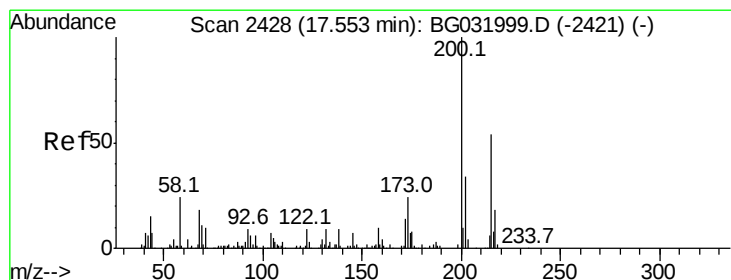
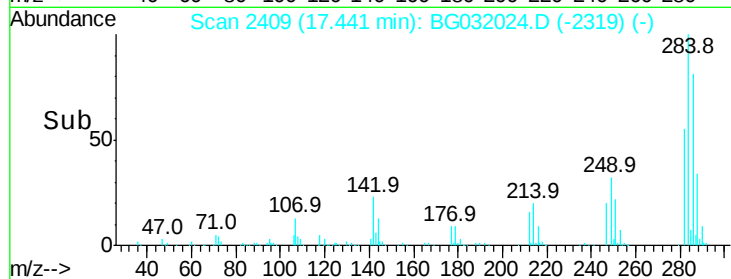
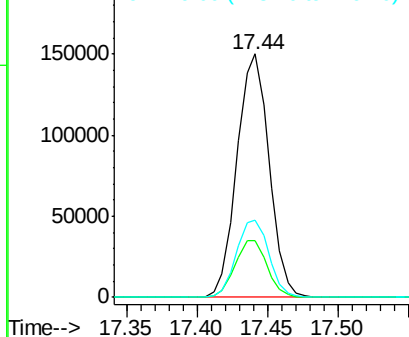
#67
Hexachlorobenzene
Concen: 38.729 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 239043
Ion Ratio Lower Upper
284 100
142 23.3 26.8 40.2#
249 31.7 26.3 39.5

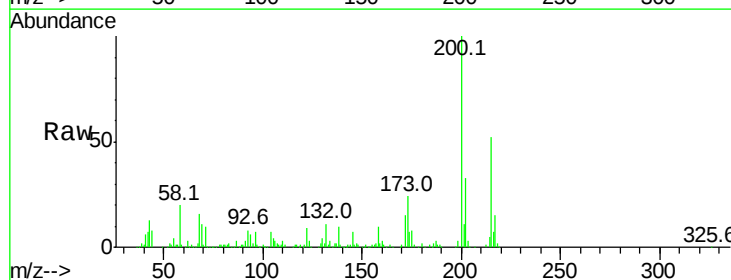


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

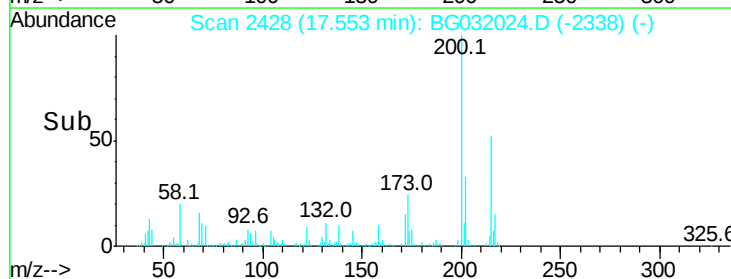
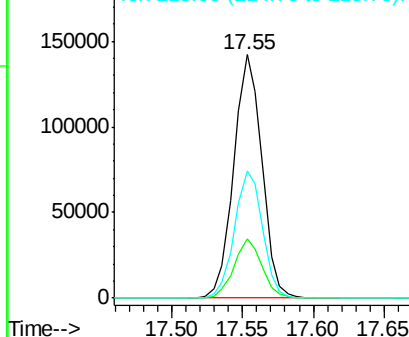


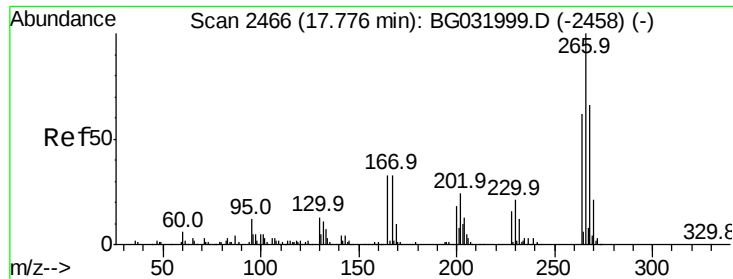
#68
Atrazine
Concen: 39.360 ng
RT: 17.55 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Tgt Ion:200 Resp: 196945
Ion Ratio Lower Upper
200 100
173 24.1 5.2 45.2
215 52.1 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

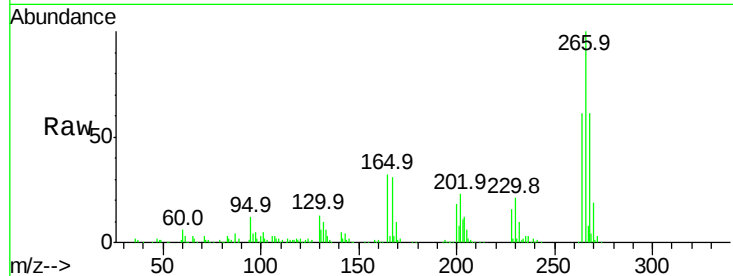




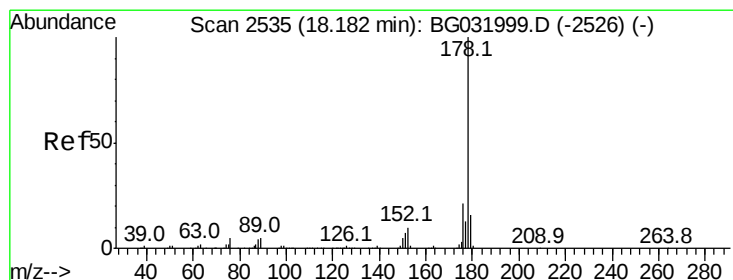
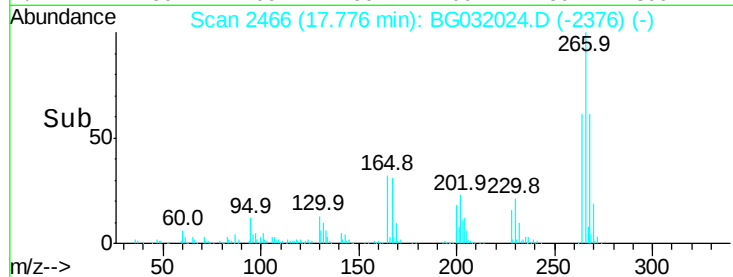
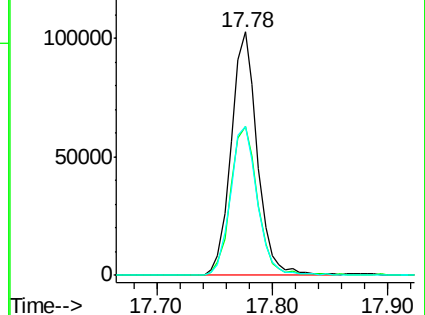
#69
 Pentachlorophenol
 Concen: 40.797 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	61.4	49.6	74.4

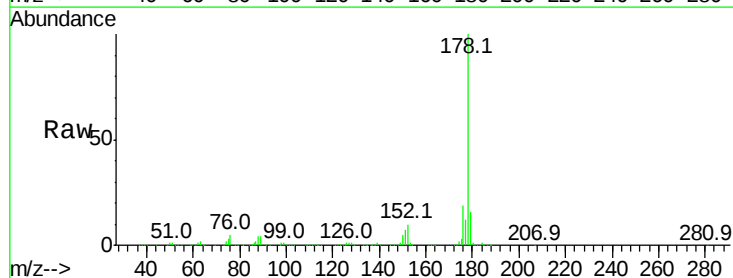


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

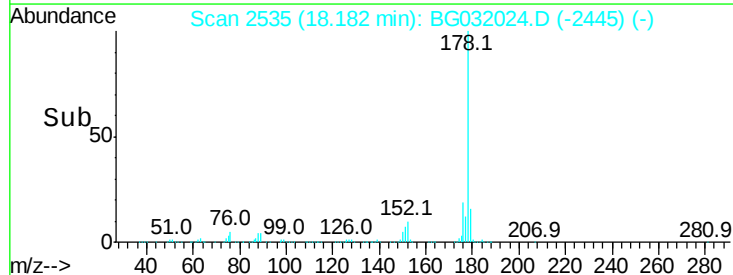
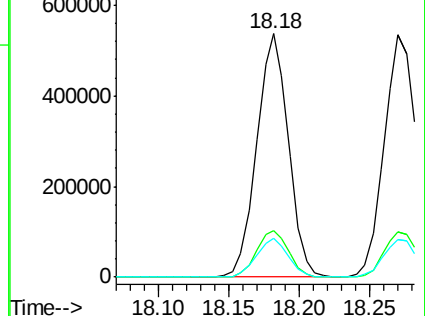


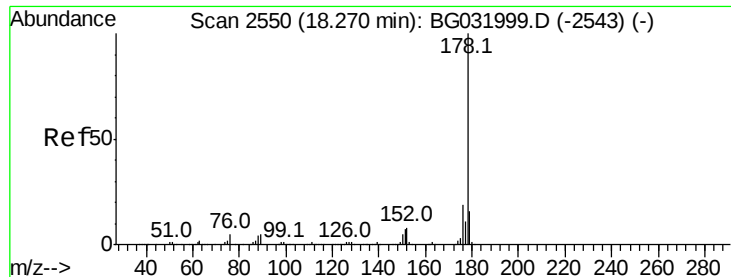
#70
 Phenanthrene
 Concen: 38.704 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.7	12.5	18.7



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

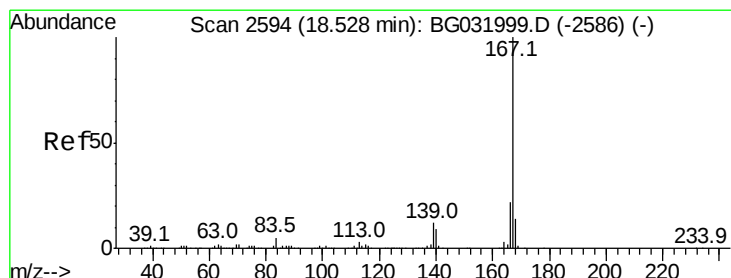
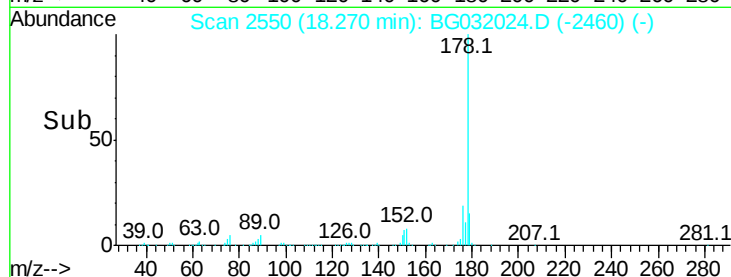
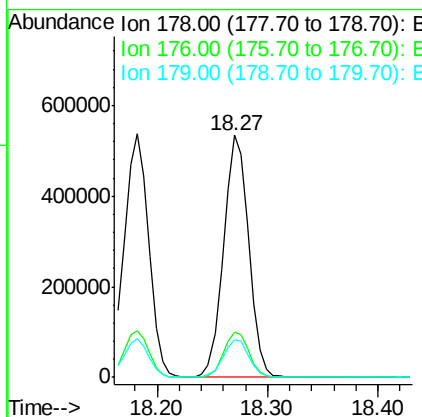
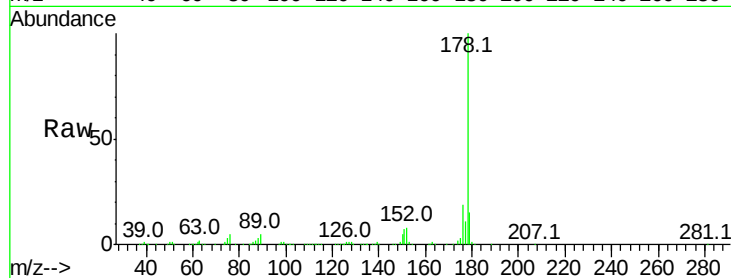




#71
 Anthracene
 Concen: 38.907 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

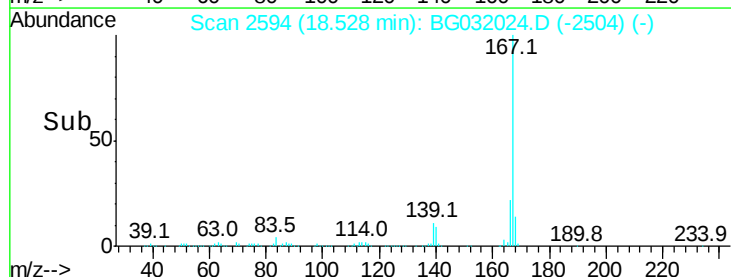
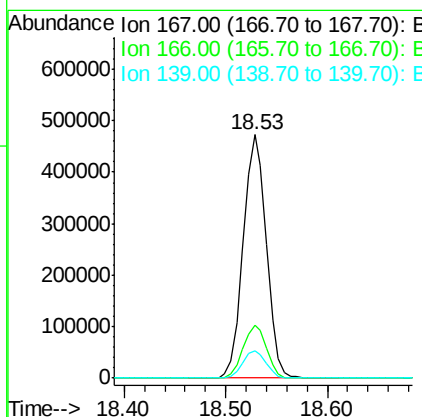
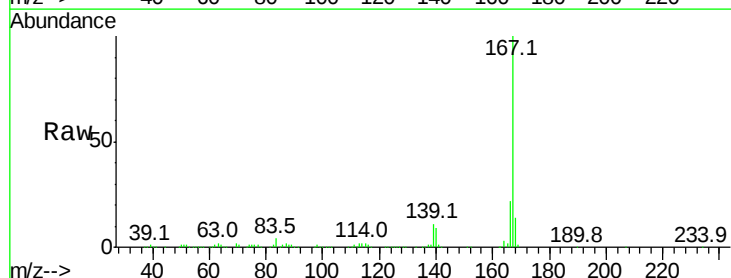
Instrument :
 BNA_G
 ClientSampleId :

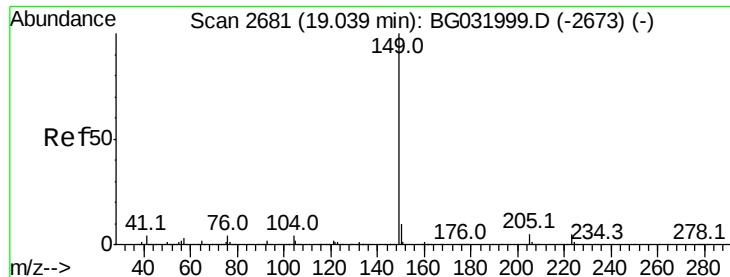
Tot Ion:178 Resp: 847154
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.0 24.0
 179 15.3 12.5 18.7



#72
 Carbazole
 Concen: 39.535 ng
 RT: 18.53 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion:167 Resp: 746751
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.4
 139 11.4 9.4 14.2

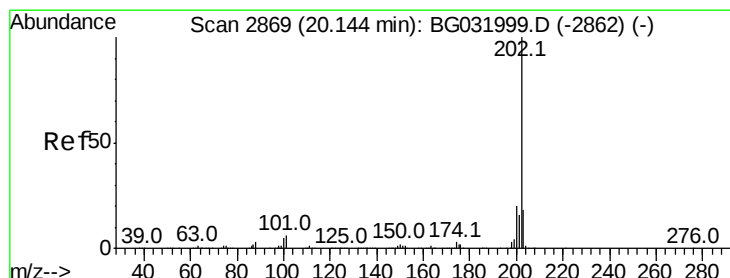
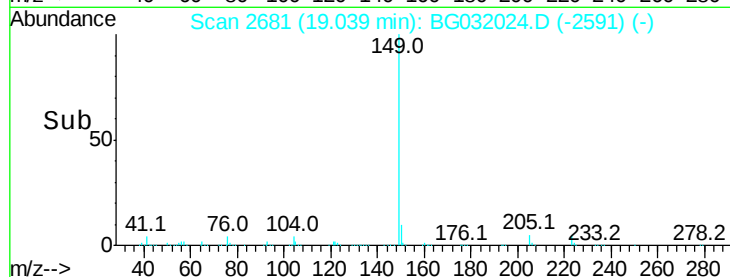
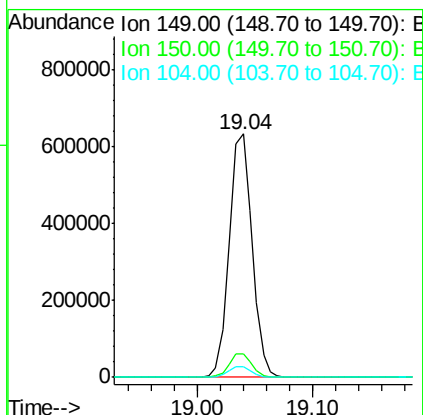
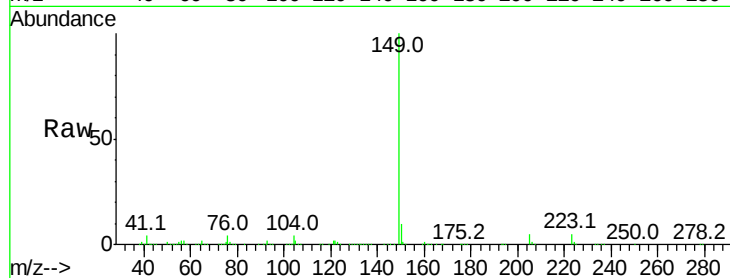




#73
Di-n-butylphthalate
Concen: 38.800 ng
RT: 19.04 min Scan# 2681
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

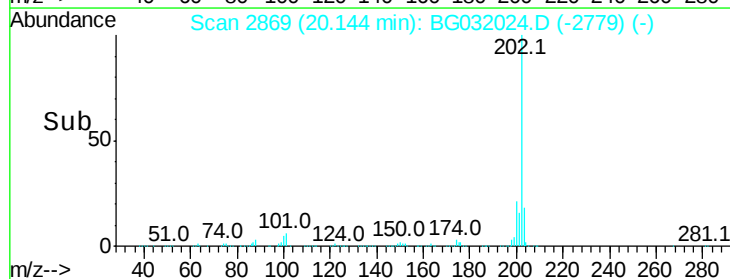
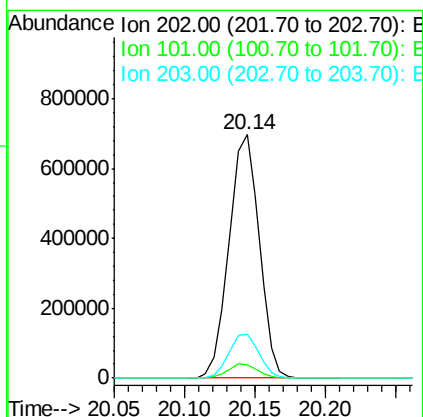
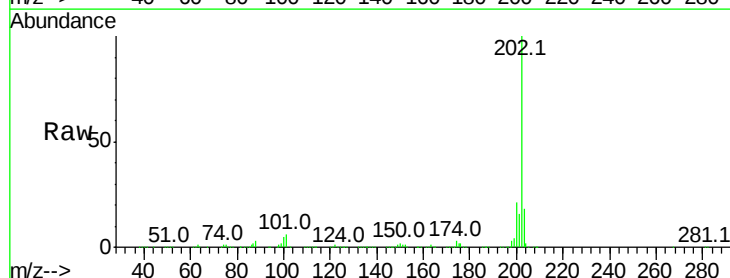
Instrument :
BNA_G
ClientSampleId :

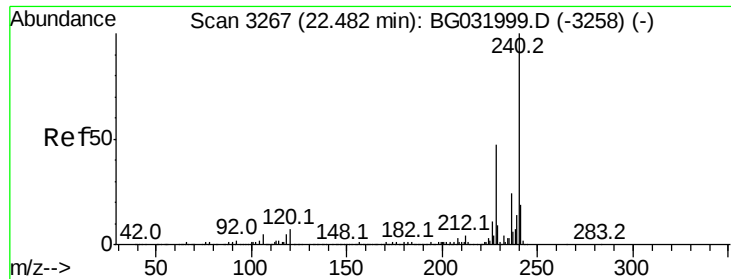
Tot Ion:149 Resp: 865996
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.3 3.9 5.9



#74
Fluoranthene
Concen: 38.048 ng
RT: 20.14 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Tgt Ion:202 Resp: 1039963
Ion Ratio Lower Upper
202 100
101 5.5 0.0 28.9
203 18.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

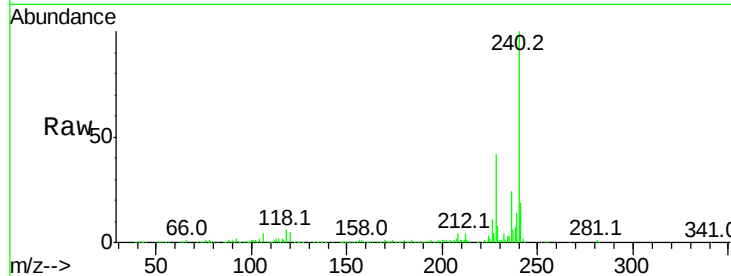
Tot Ion:240 Resp: 439221

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

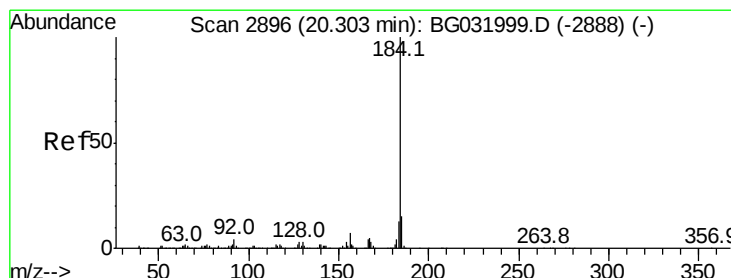
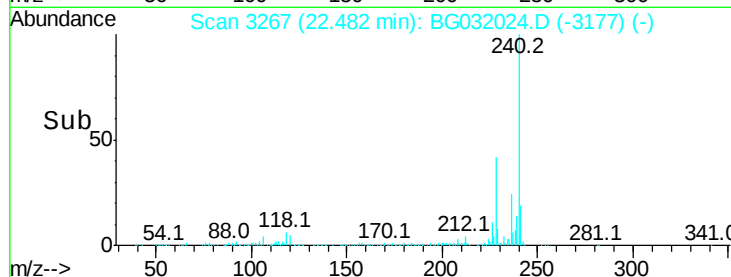
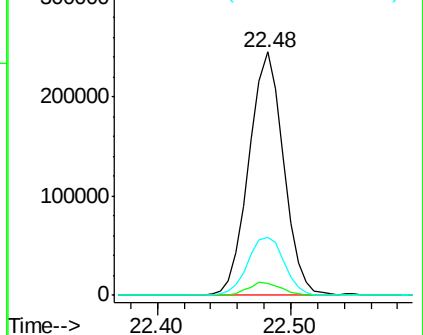
236 24.1 20.9 31.3



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: 33.821 ng

RT: 20.30 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

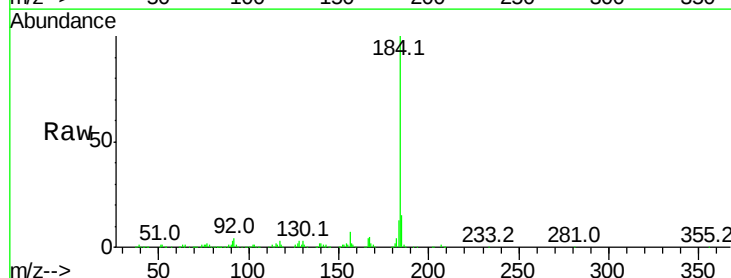
Tgt Ion:184 Resp: 371466

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

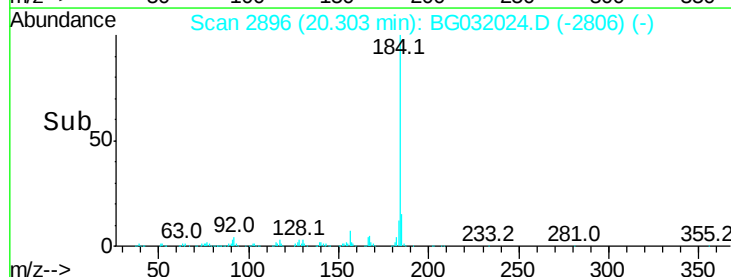
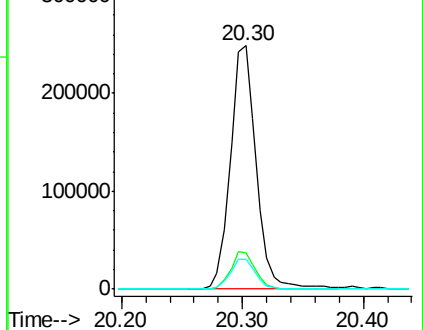
183 12.5 10.6 16.0

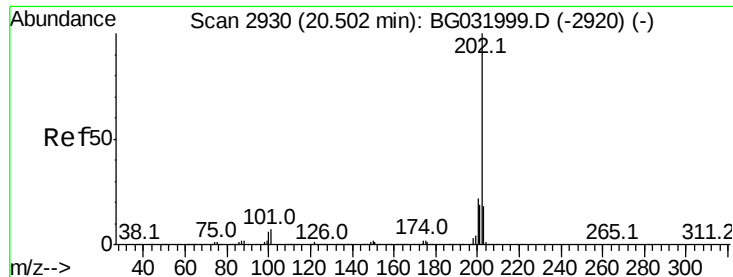


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

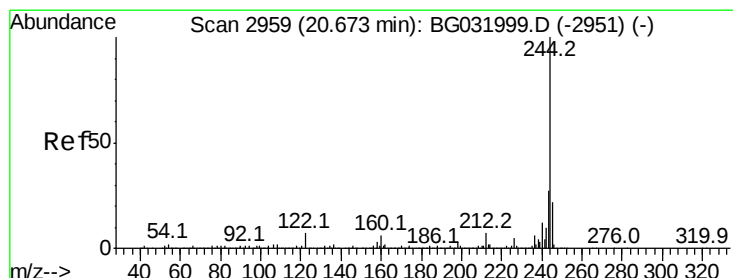
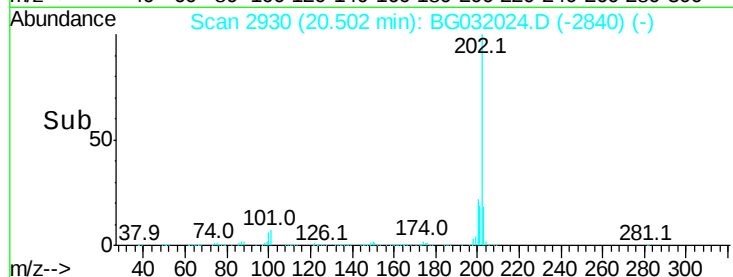
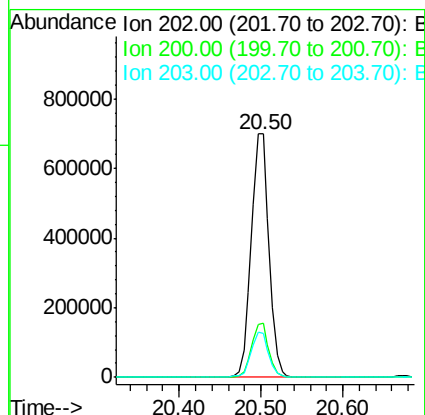
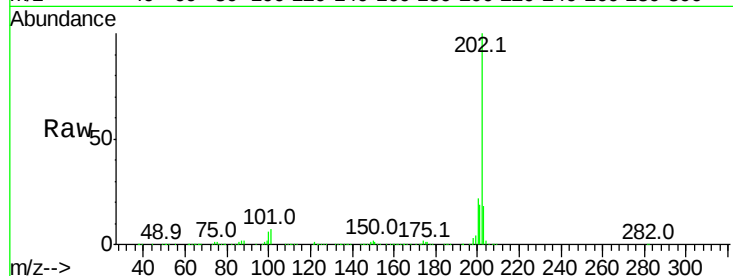




#77
Pvrene
Concen: 38.215 ng
RT: 20.50 min Scan# 2930
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

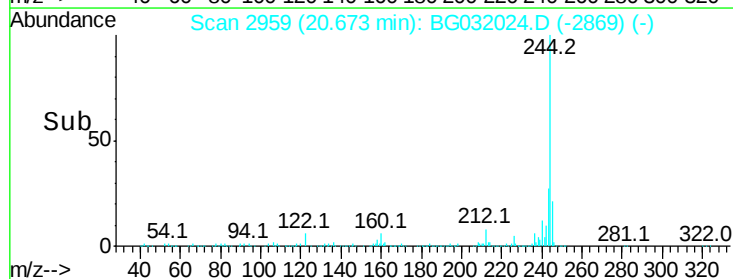
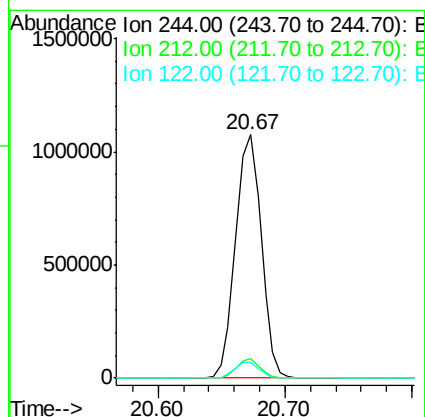
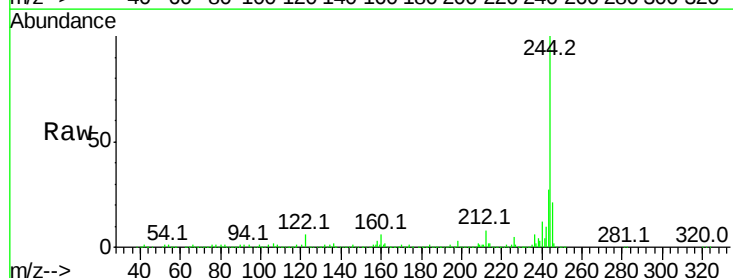
Instrument :
BNA_G
ClientSampleId :

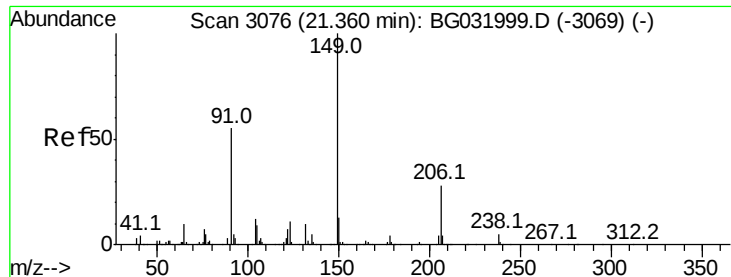
Tot Ion:202 Resp: 1055147
Ion Ratio Lower Upper
202 100
200 22.3 16.9 25.3
203 18.0 13.9 20.9



#78
Terphenyl-d14
Concen: 75.983 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Tgt Ion:244 Resp: 1511434
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 6.3 7.0 10.4#

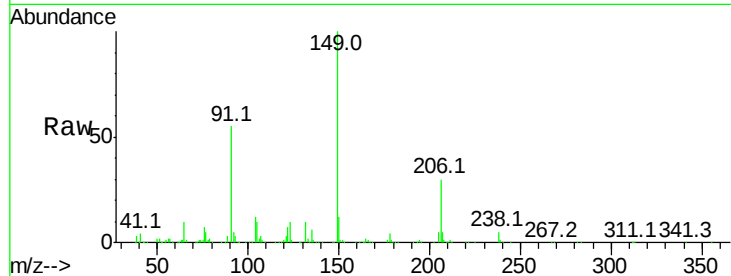




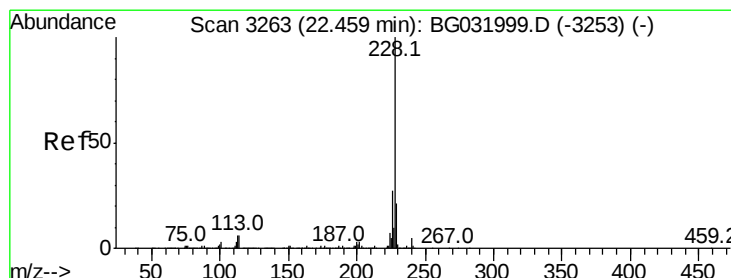
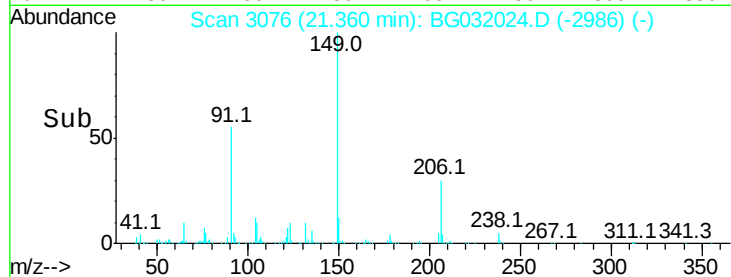
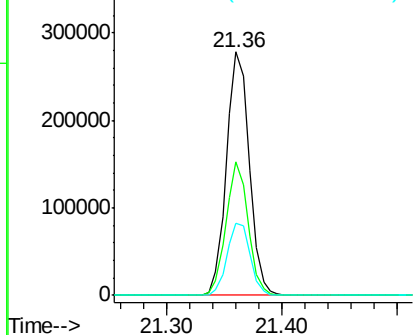
#79
Butylbenzylphthalate
Concen: 38.533 ng
RT: 21.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.7	62.2	93.2#
206	29.6	18.6	27.8#

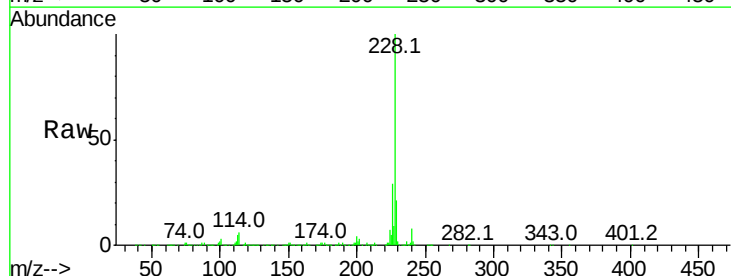


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGO
Ion 206.00 (205.70 to 206.70): E

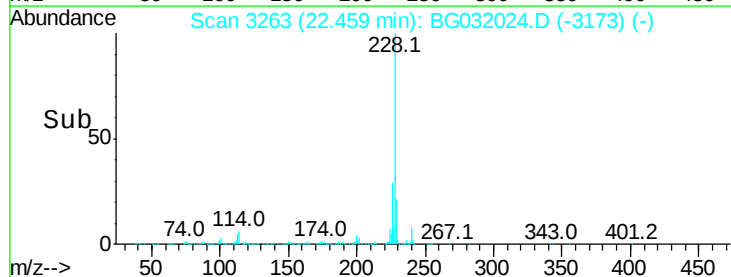
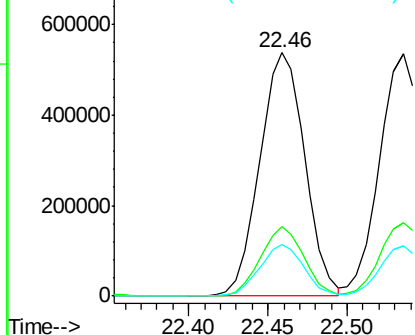


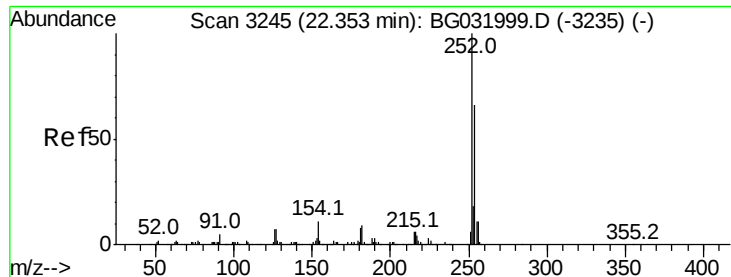
#80
Benzo(a)anthracene
Concen: 38.795 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.00 min
Lab File: BG032024.D
Acq: 13 Jan 2018 4:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.2	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

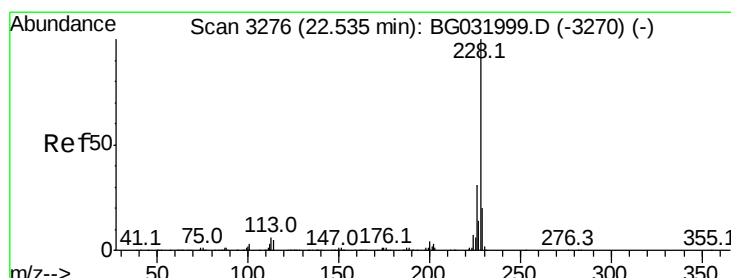
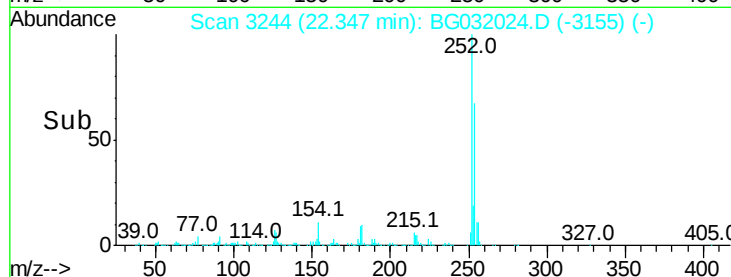
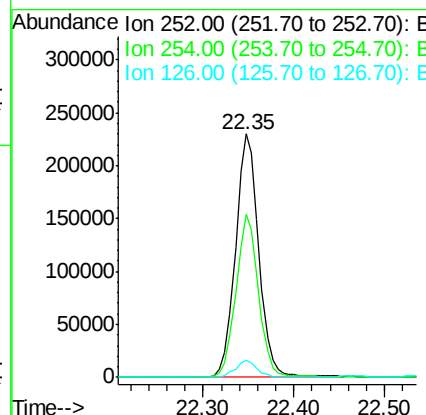
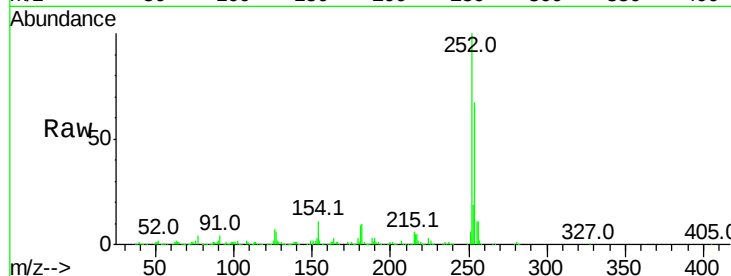




#81
 3,3'-Dichlorobenzidine
 Concen: 40.311 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

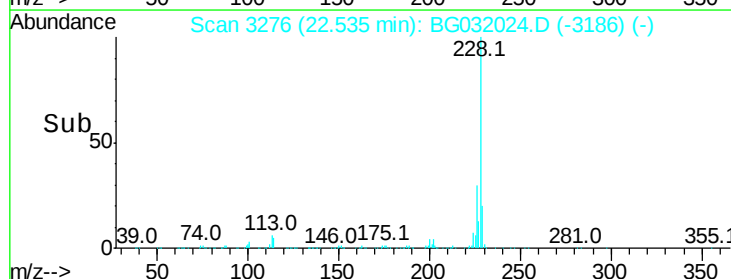
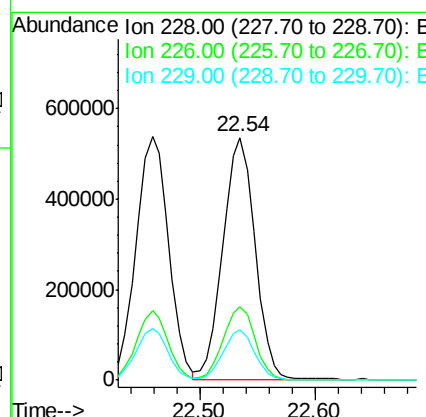
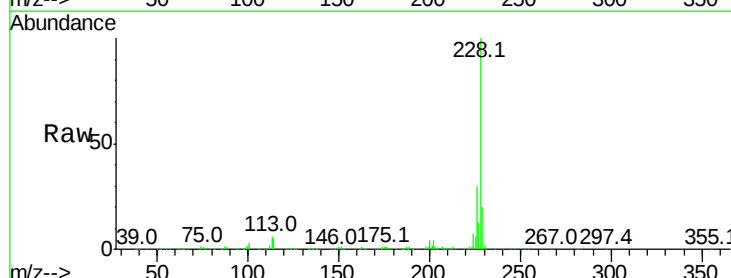
Instrument :
 BNA_G
 ClientSampleId :

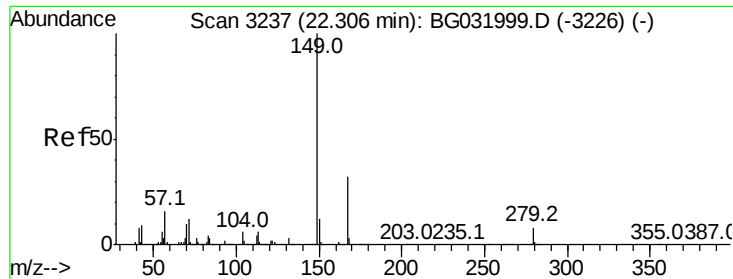
Tot Ion:252 Resp: 411327
 Ion Ratio Lower Upper
 252 100
 254 66.9 50.8 76.2
 126 7.0 7.4 11.2#



#82
 Chrysene
 Concen: 39.323 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. -0.00 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion:228 Resp: 1031540
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 20.5 15.0 22.4

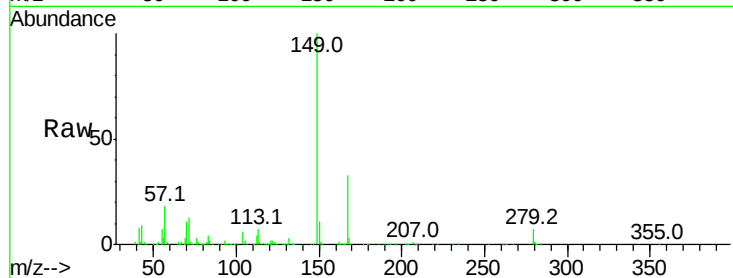




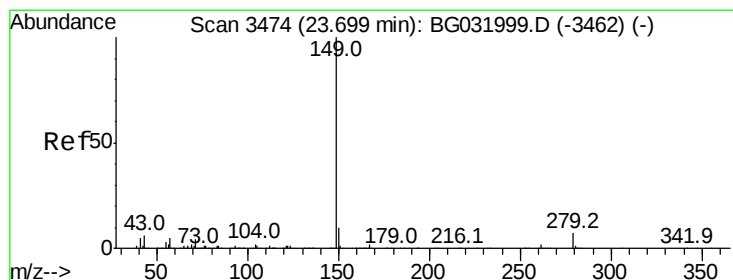
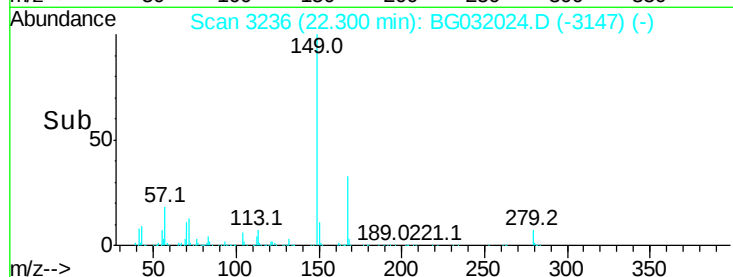
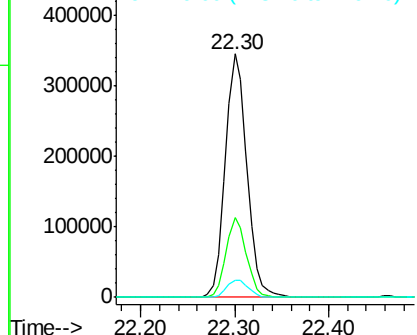
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.148 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.01 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 553403
 Ion Ratio Lower Upper
 149 100
 167 32.7 24.3 36.5
 279 6.9 4.0 6.0#

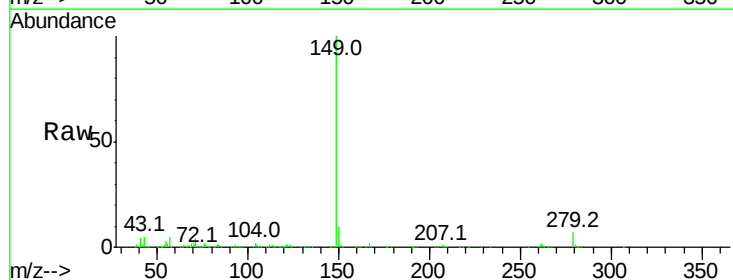


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

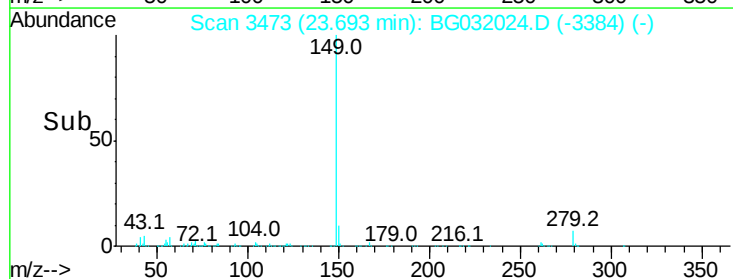
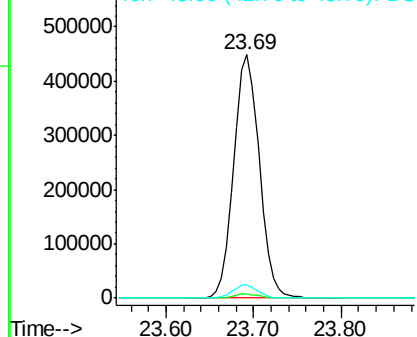


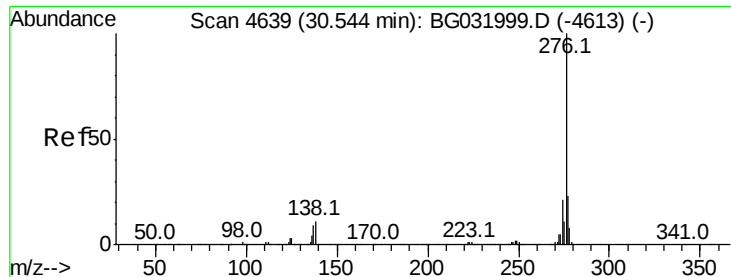
#84
 Di-n-octyl phthalate
 Concen: 38.537 ng
 RT: 23.69 min Scan# 3473
 Delta R.T. -0.01 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion:149 Resp: 887892
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 5.5 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO



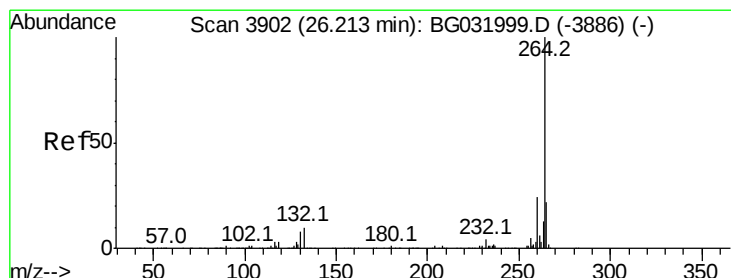
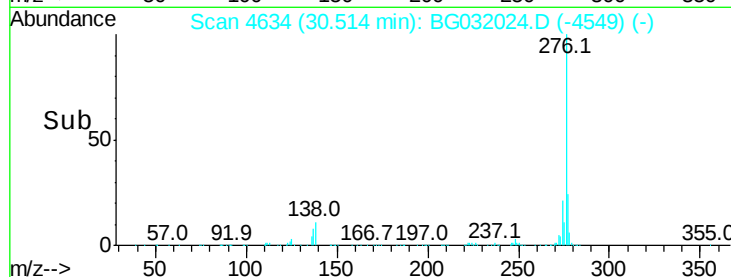
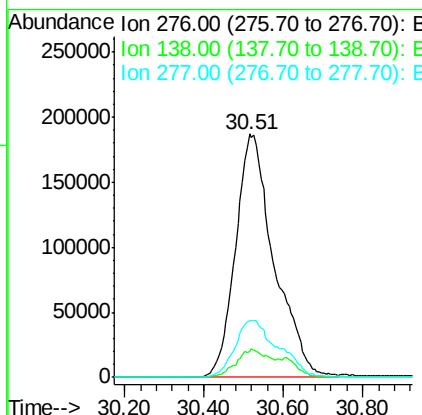
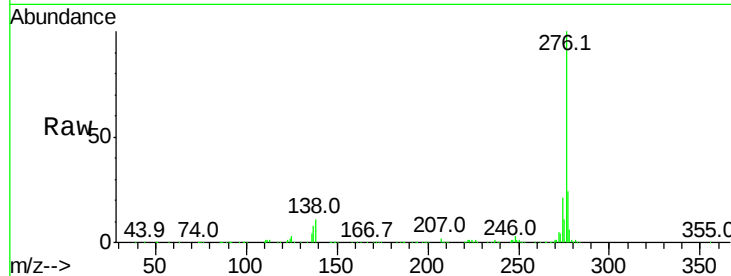


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.438 ng
 RT: 30.51 min Scan# 4634
 Delta R.T. -0.03 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1266092

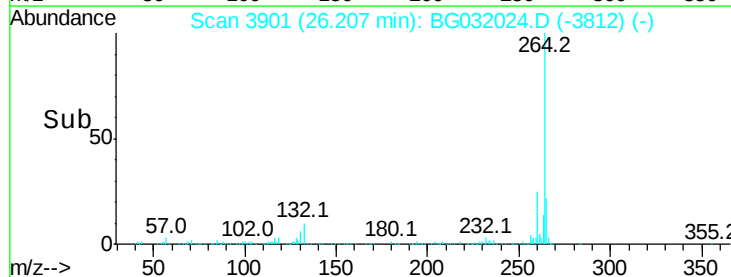
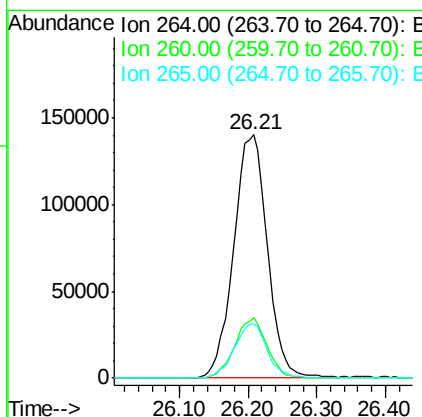
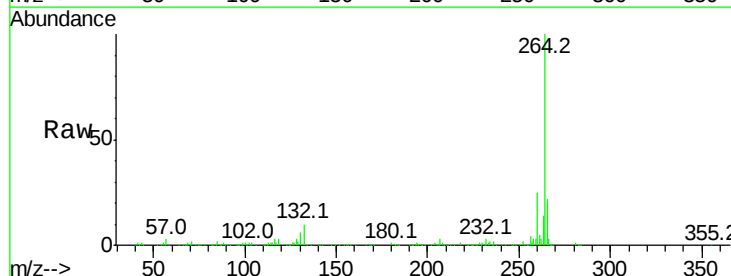
Ion	Ratio	Lower	Upper
276	100		
138	9.6	16.0	24.0#
277	26.3	20.0	30.0

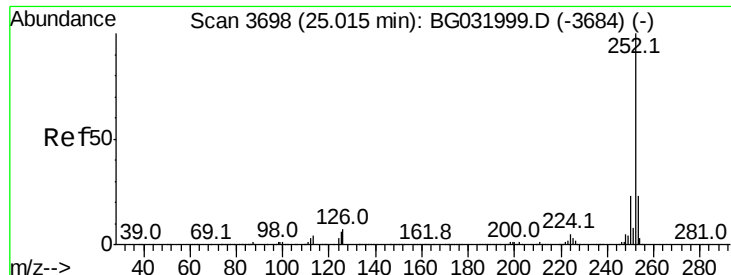


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.21 min Scan# 3901
 Delta R.T. -0.01 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Tgt Ion:264 Resp: 478967

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 39.216 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampled :

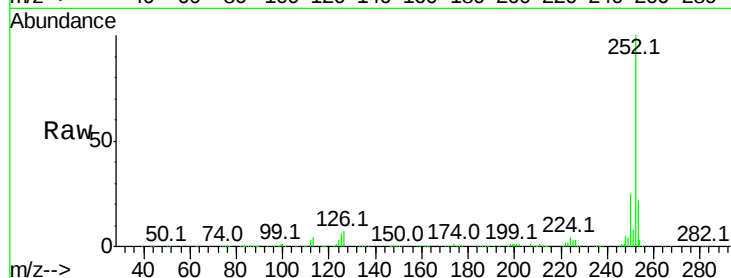
Tot Ion:252 Resp: 1135337

Ion Ratio Lower Upper

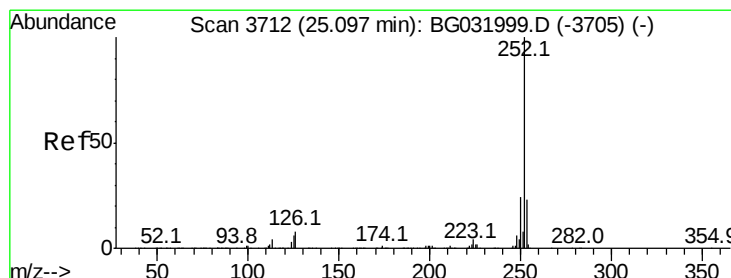
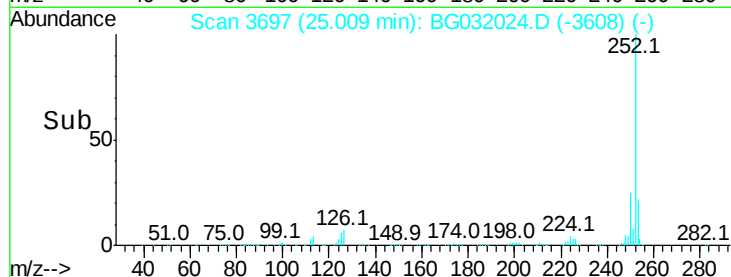
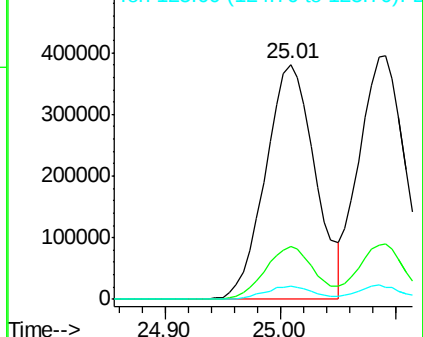
252 100

253 22.5 18.2 27.4

125 5.8 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: 39.004 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

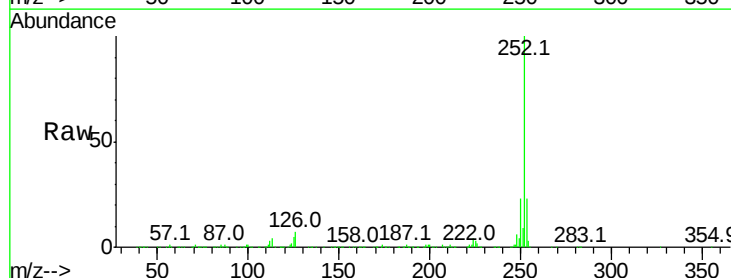
Tgt Ion:252 Resp: 1103401

Ion Ratio Lower Upper

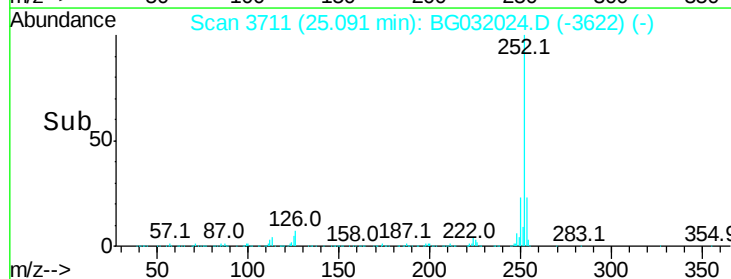
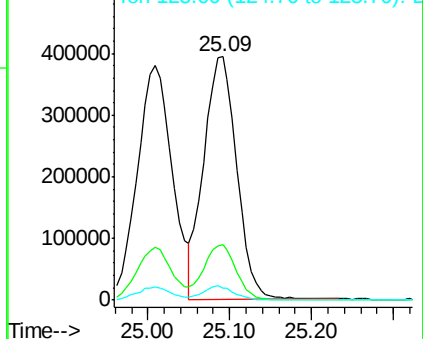
252 100

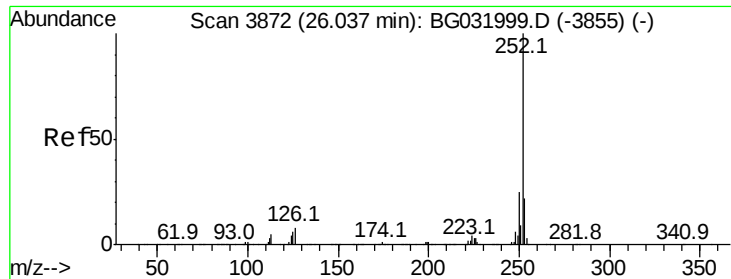
253 23.0 17.4 26.2

125 4.8 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: 39.086 ng

RT: 26.03 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

Instrument :

BNA_G

ClientSampleId :

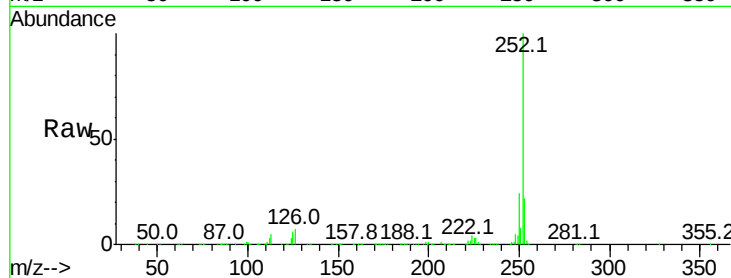
Tot Ion:252 Resp: 1070442

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

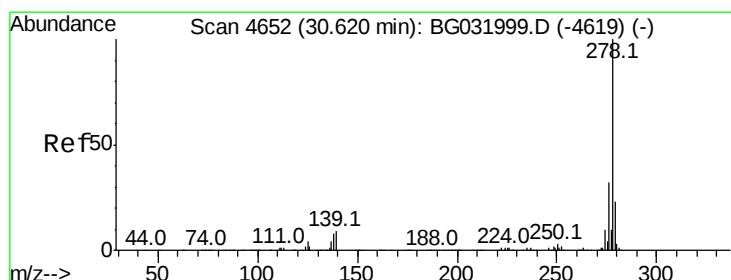
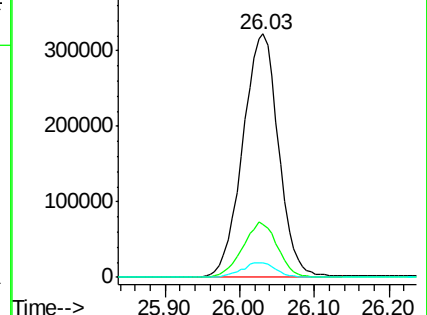
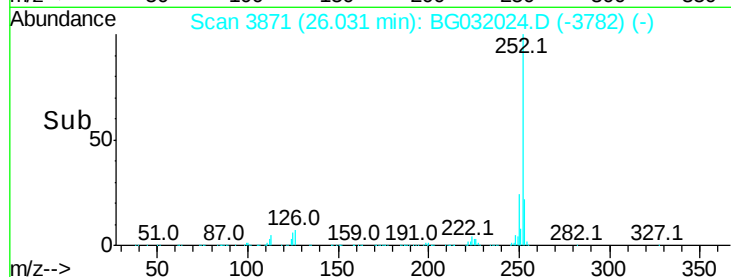
125 5.9 7.3 10.9#



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: 38.917 ng

RT: 30.60 min Scan# 4649

Delta R.T. -0.02 min

Lab File: BG032024.D

Acq: 13 Jan 2018 4:49

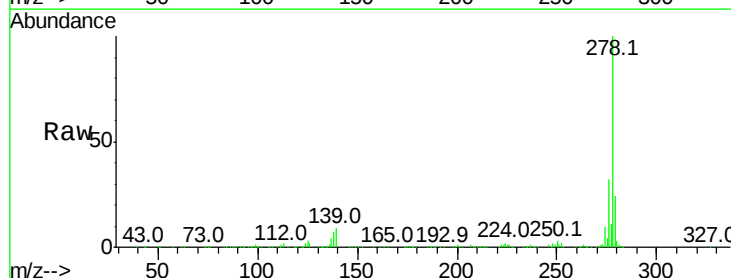
Tgt Ion:278 Resp: 1027057

Ion Ratio Lower Upper

278 100

139 9.0 9.8 14.6#

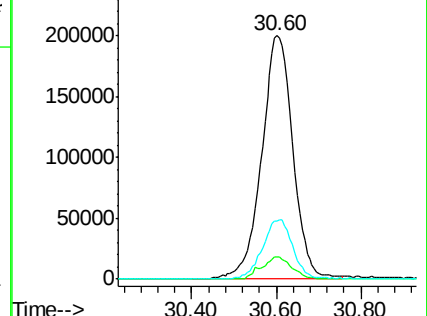
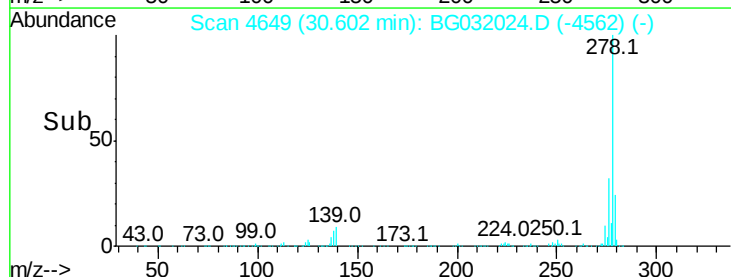
279 23.8 18.4 27.6

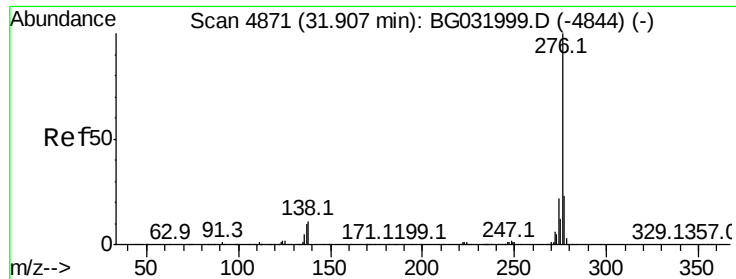


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



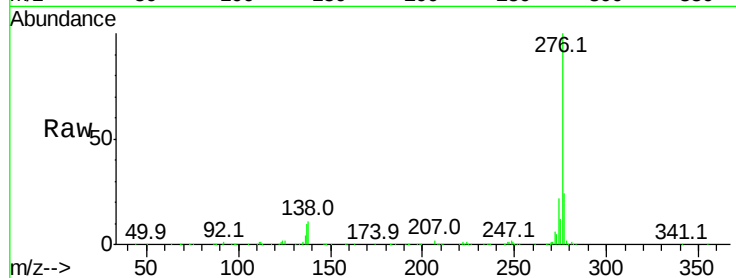


#91
 Benzo(a,h,i)perylene
 Concen: 39.394 ng
 RT: 31.88 min Scan# 4867
 Delta R.T. -0.02 min
 Lab File: BG032024.D
 Acq: 13 Jan 2018 4:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1062603

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	11.1	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

