

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032120.D
 Acq On : 18 Jan 2018 3:20
 Operator : SJ/JU
 Sample : J1021-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

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

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

System Monitoring Compounds

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

Target Compounds

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

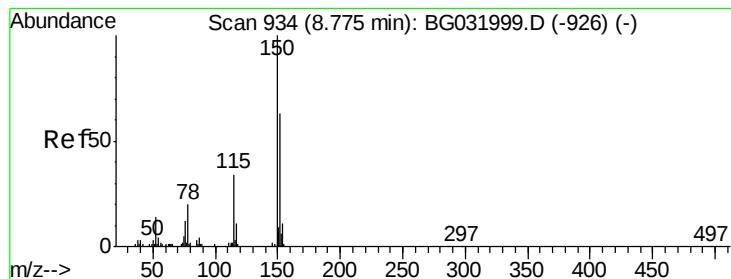
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032120.D
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Quant Time: Jan 18 05:23:18 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

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

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

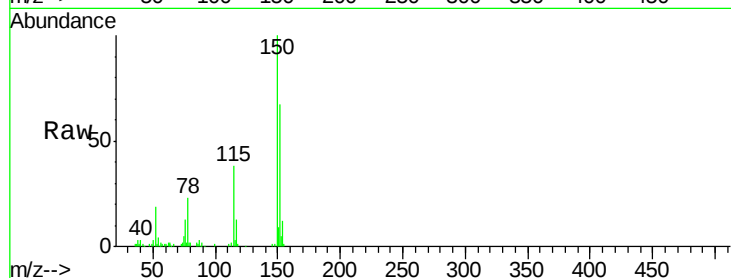
Tgt Ion:152 Resp: 53833

Ion Ratio Lower Upper

152 100

150 150.1 126.6 189.8

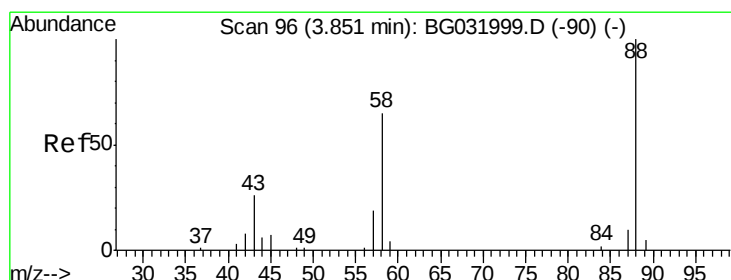
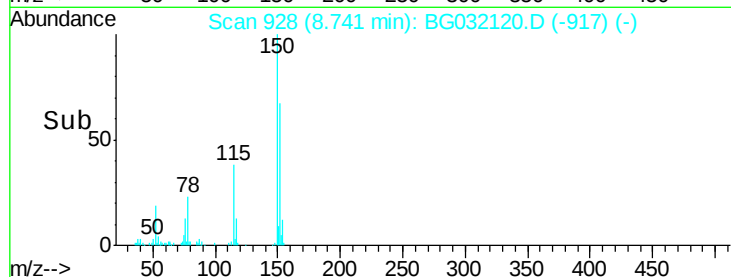
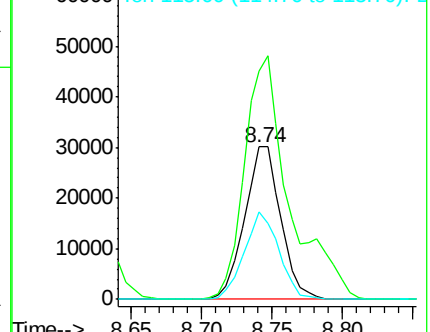
115 57.5 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.081 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

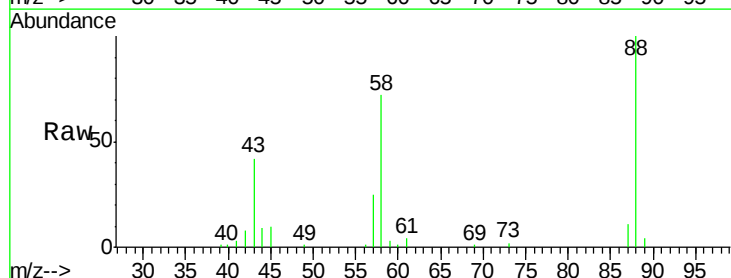
Tgt Ion: 88 Resp: 38539

Ion Ratio Lower Upper

88 100

58 70.4 79.6 119.4#

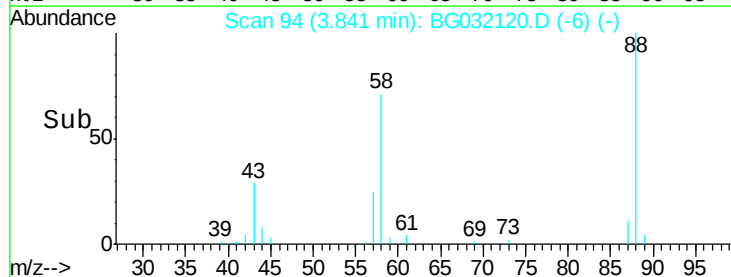
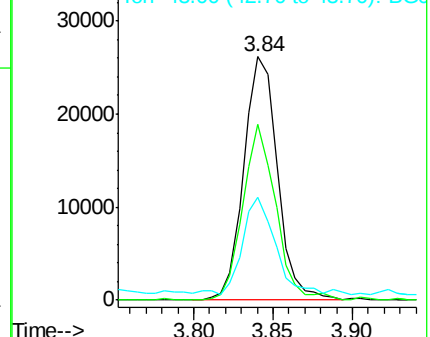
43 39.7 27.4 41.0

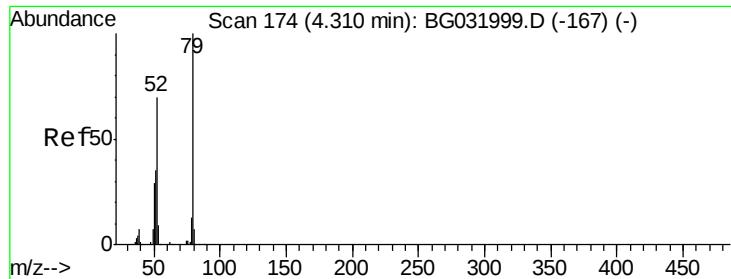


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.130 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

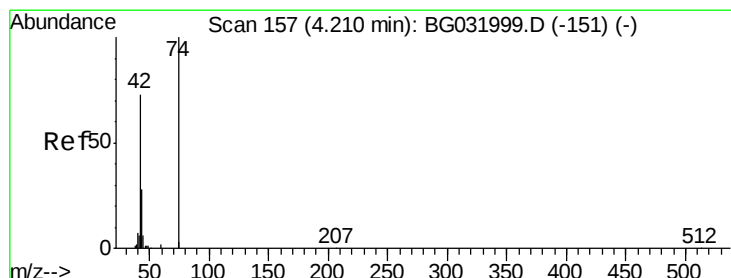
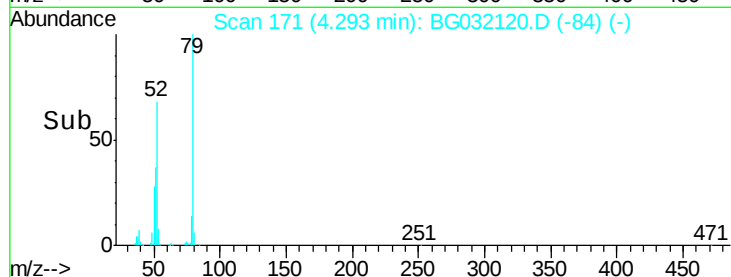
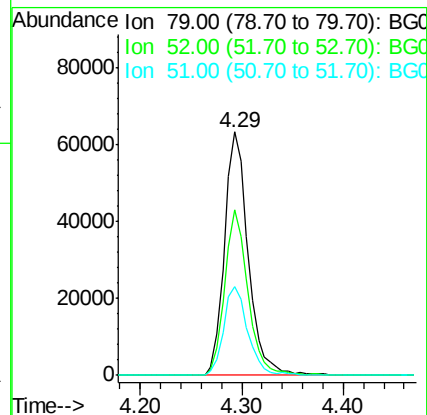
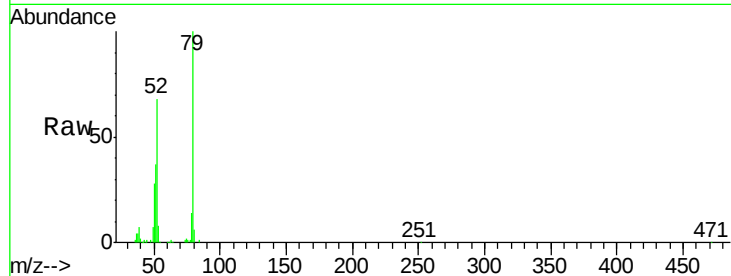
Tgt Ion: 79 Resp: 103016

Ion Ratio Lower Upper

79 100

52 67.8 69.9 104.9#

51 36.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 56.256 ng

RT: 4.19 min Scan# 154

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

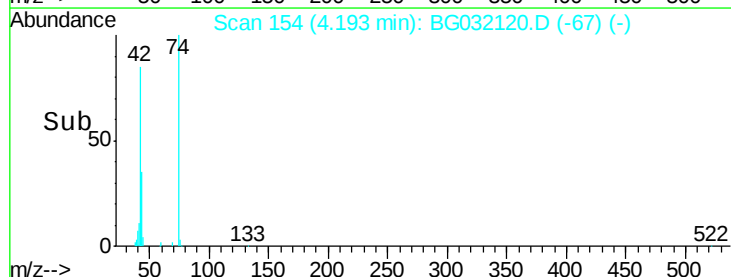
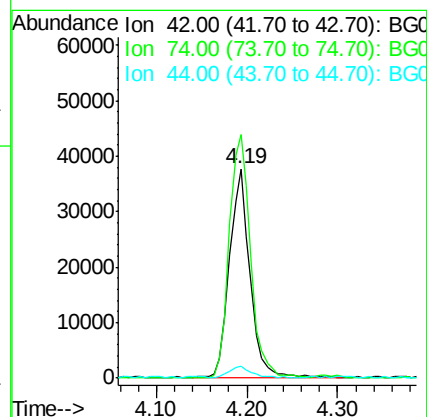
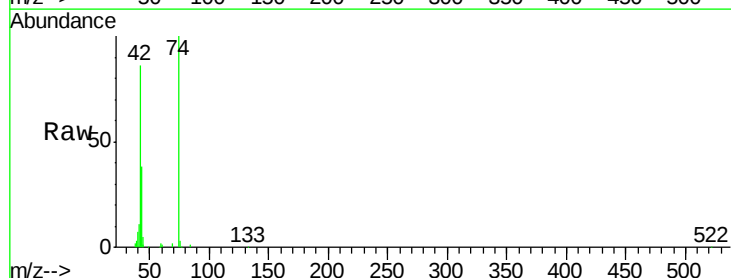
Tgt Ion: 42 Resp: 59655

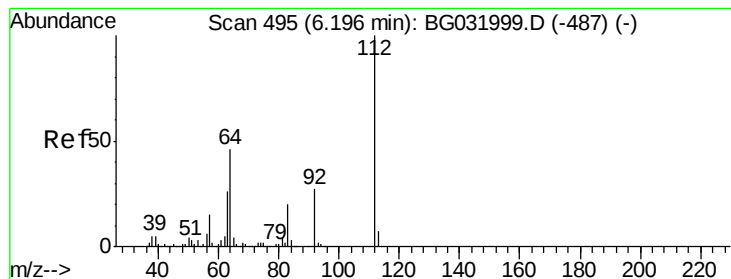
Ion Ratio Lower Upper

42 100

74 116.5 102.5 153.7

44 5.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 141.425 ng

RT: 6.17 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

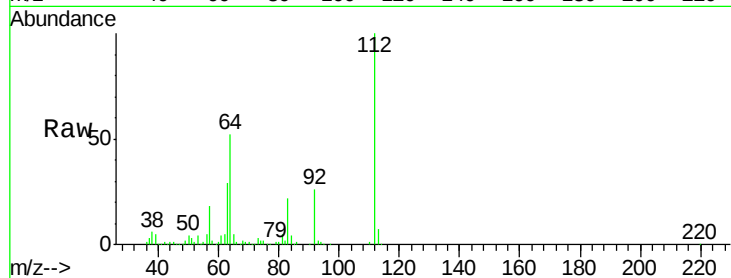
Tgt Ion: 112 Resp: 416271

Ion Ratio Lower Upper

112 100

64 51.6 56.3 84.5#

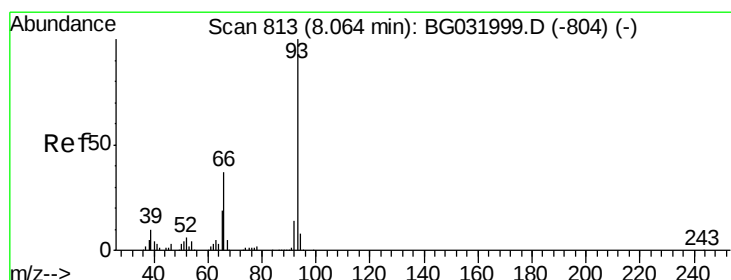
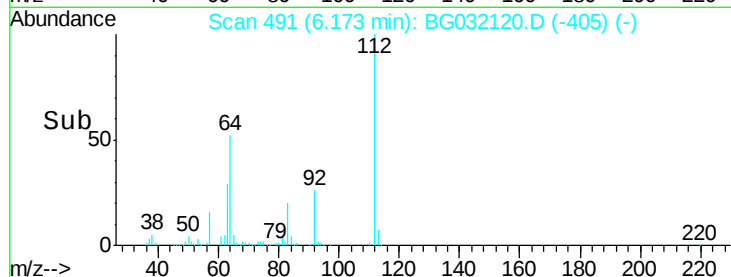
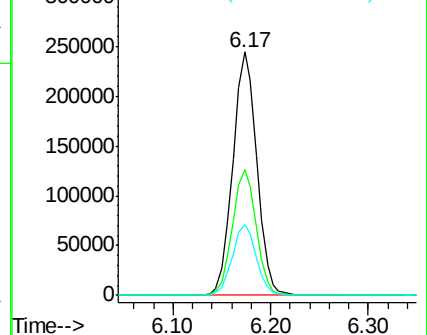
63 29.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.083 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

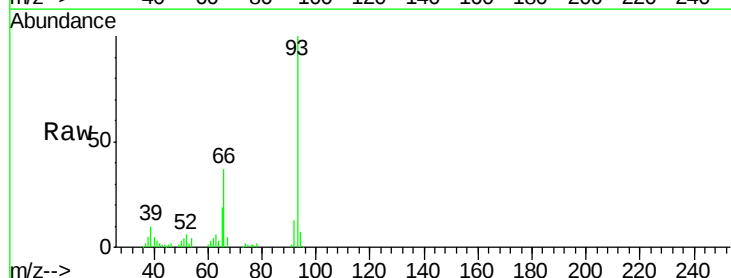
Tgt Ion: 93 Resp: 84554

Ion Ratio Lower Upper

93 100

66 36.9 33.7 50.5

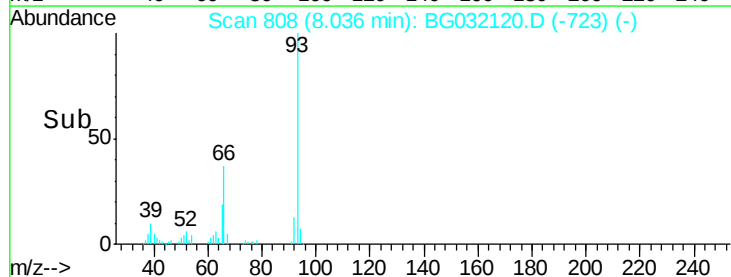
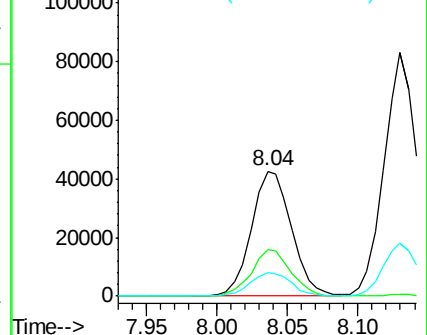
65 18.8 16.1 24.1

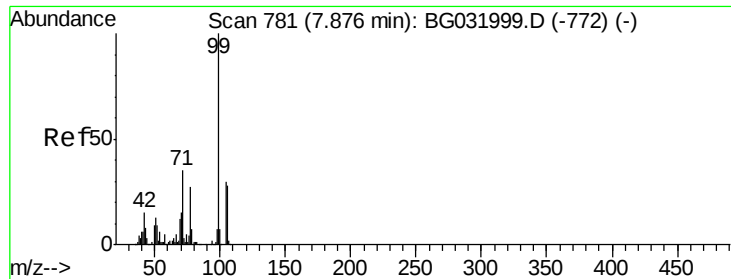


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.451 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032120.D

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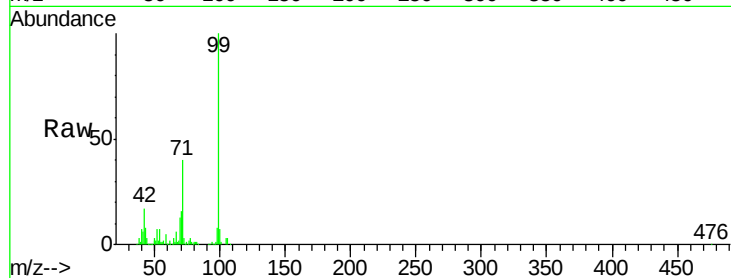
Tgt Ion: 99 Resp: 494708

Ion Ratio Lower Upper

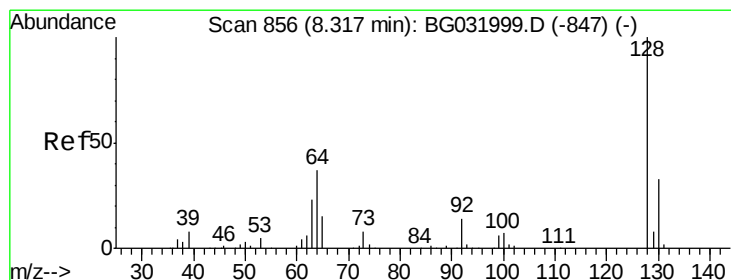
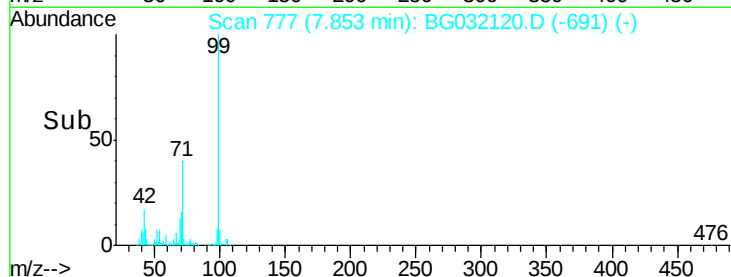
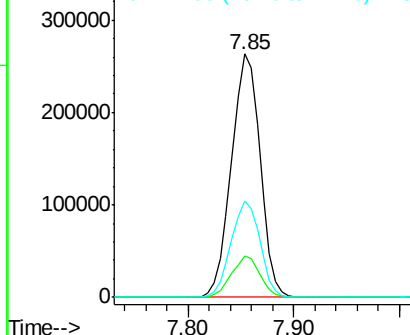
99 100

42 16.9 14.1 21.1

71 39.7 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 50.533 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

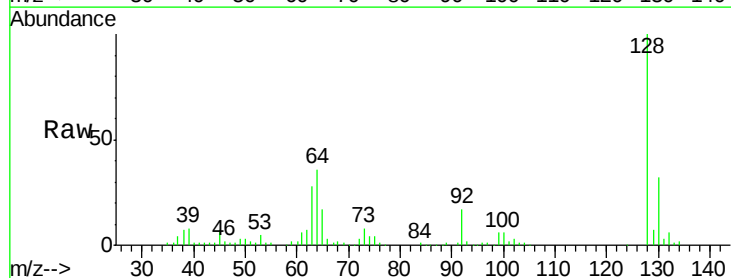
Tgt Ion: 128 Resp: 166437

Ion Ratio Lower Upper

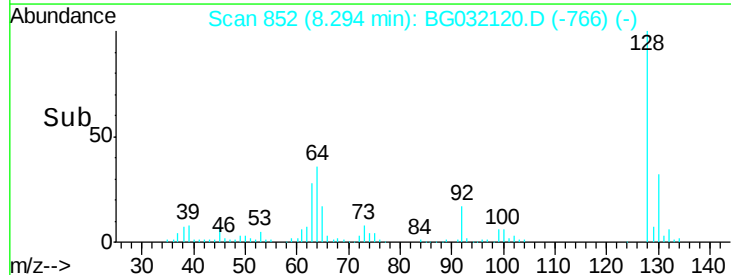
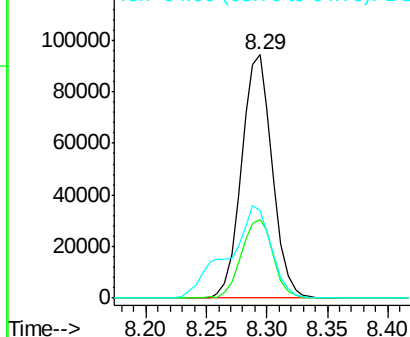
128 100

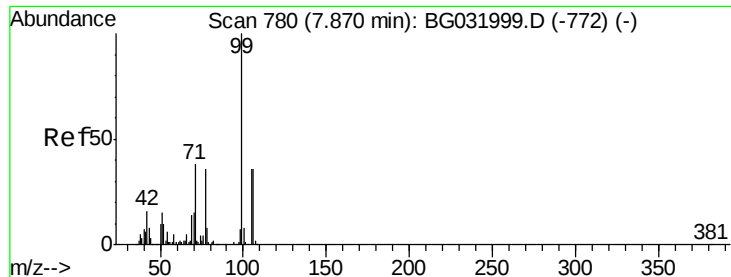
130 32.0 14.0 54.0

64 36.0 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 9.763 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

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BNA_G

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SA-01-011618MSD

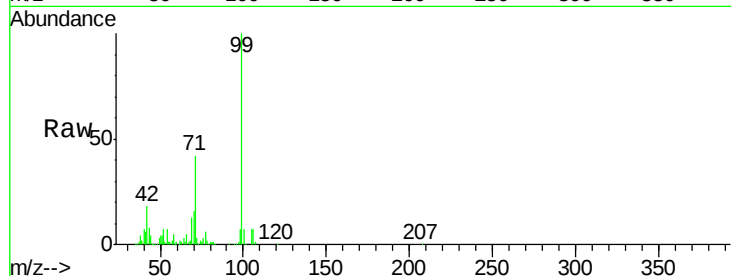
Tgt Ion: 77 Resp: 20970

Ion Ratio Lower Upper

77 100

105 115.8 71.3 111.3#

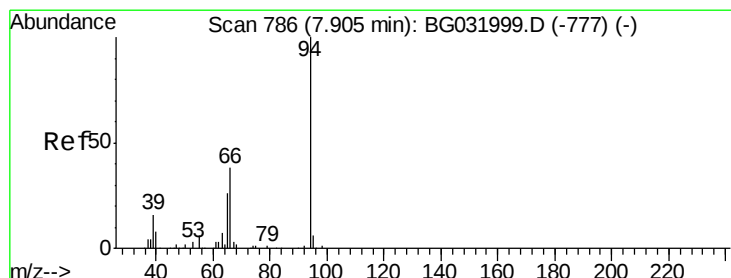
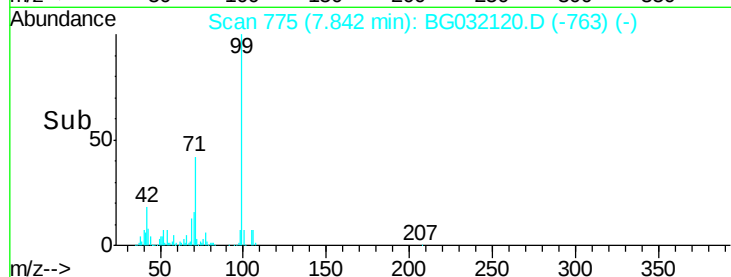
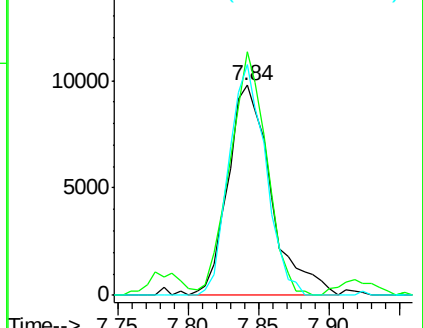
106 109.7 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.713 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

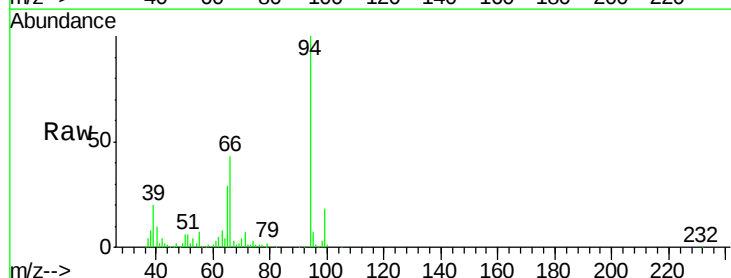
Tgt Ion: 94 Resp: 166929

Ion Ratio Lower Upper

94 100

65 29.2 11.9 51.9

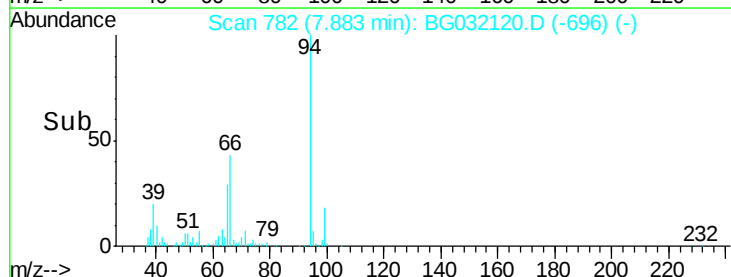
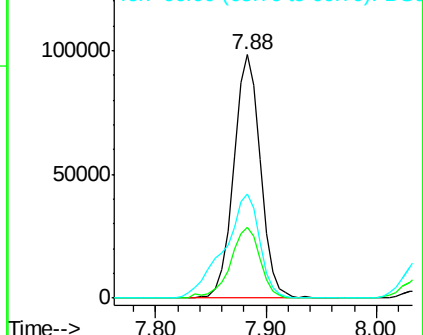
66 43.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

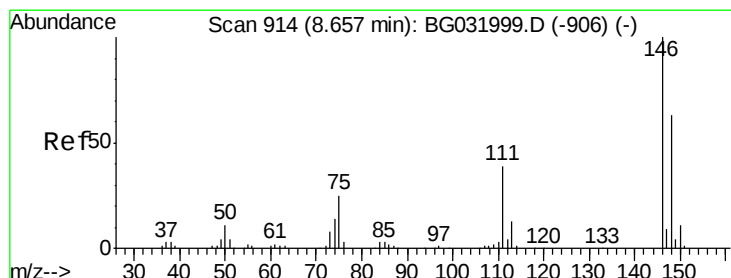
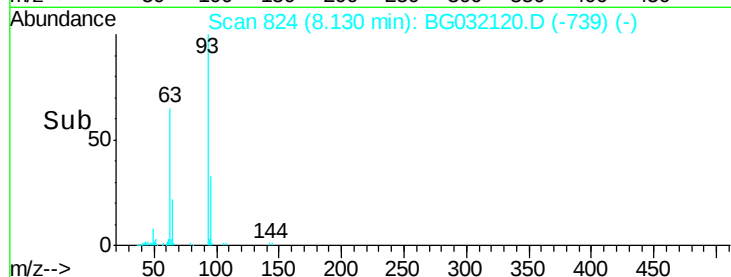
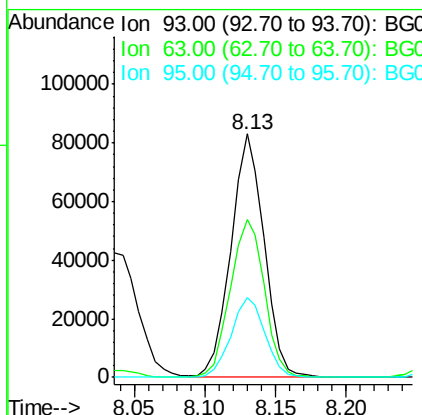
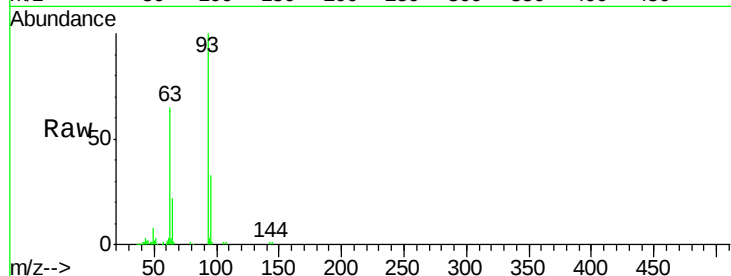




#11
bis(2-Chloroethyl)ether
Concen: 46.578 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

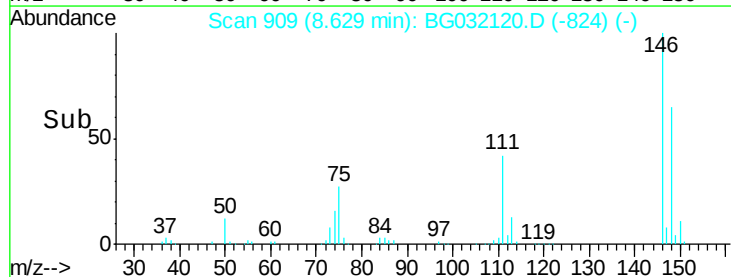
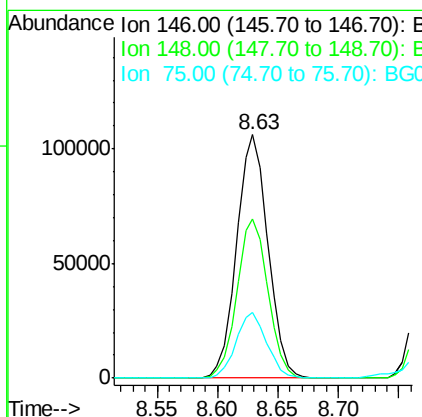
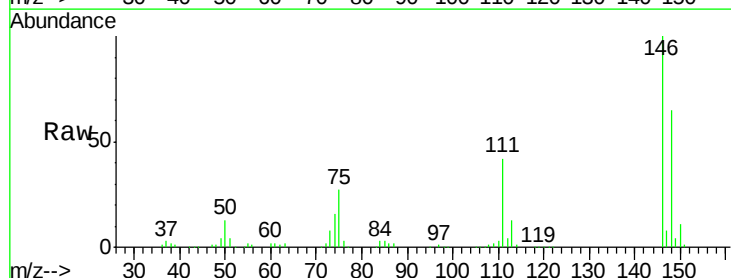
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

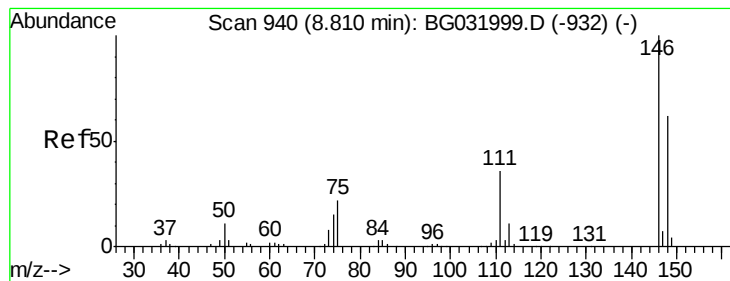
Tgt Ion: 93 Resp: 136267
Ion Ratio Lower Upper
93 100
63 64.6 67.1 107.1#
95 33.0 11.5 51.5



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

Tgt Ion: 146 Resp: 191959
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.2
75 27.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 45.078 ng

RT: 8.78 min Scan# 935

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

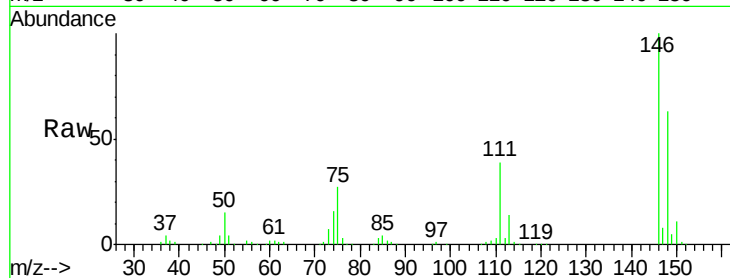
Tgt Ion:146 Resp: 195655

Ion Ratio Lower Upper

146 100

148 62.8 53.7 80.5

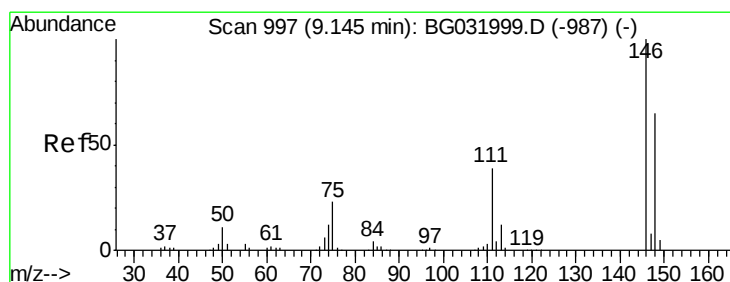
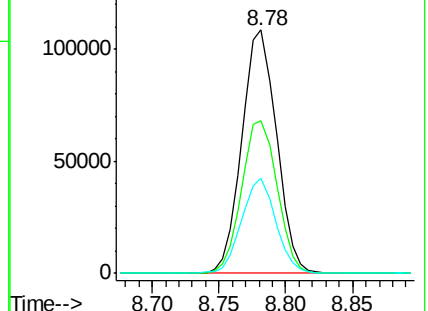
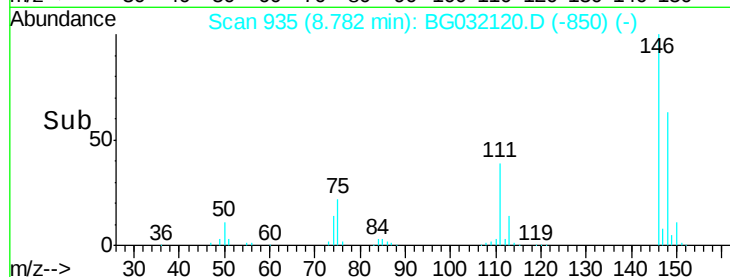
111 38.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.685 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

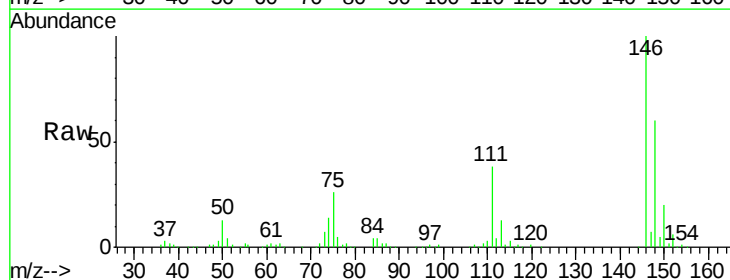
Tgt Ion:146 Resp: 191786

Ion Ratio Lower Upper

146 100

148 59.9 49.3 73.9

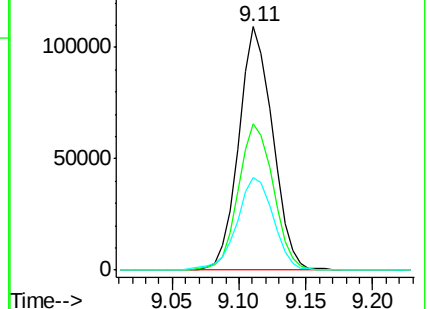
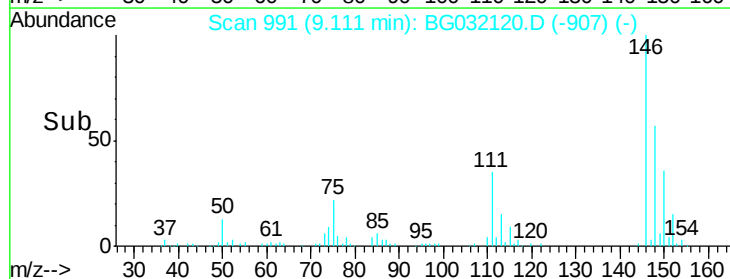
111 37.9 34.3 51.5

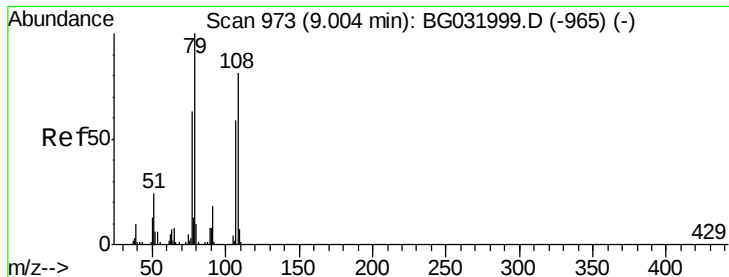


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.620 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

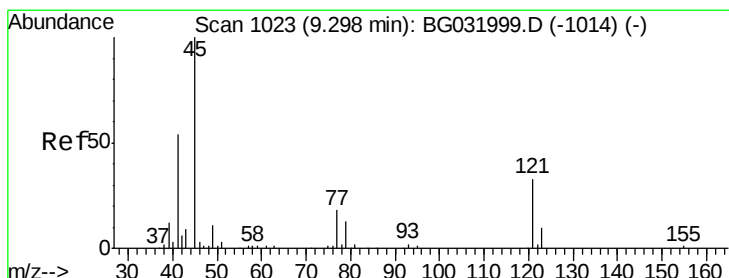
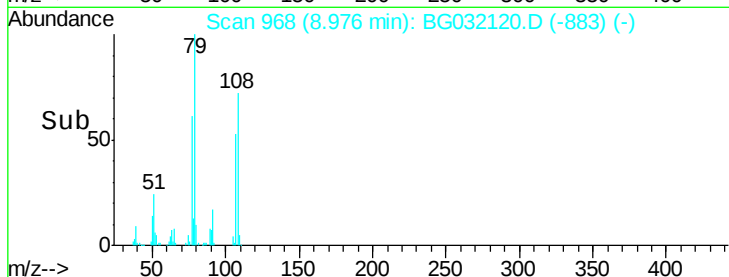
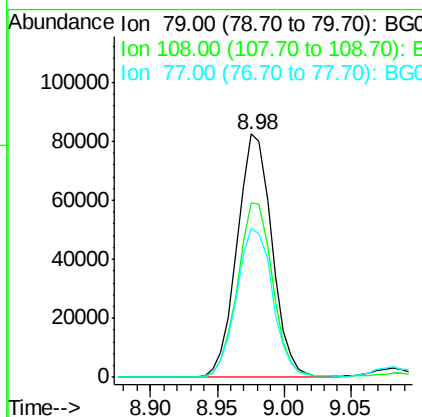
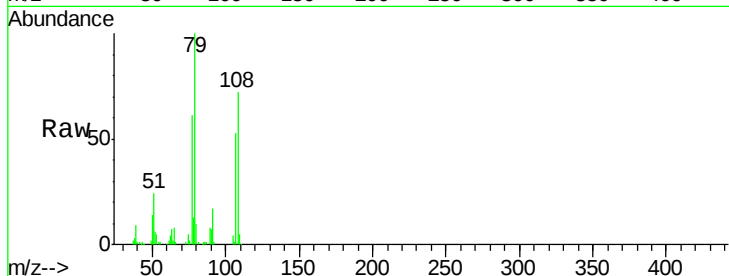
Tgt Ion: 79 Resp: 149785

Ion Ratio Lower Upper

79 100

108 71.5 57.2 85.8

77 61.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.431 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

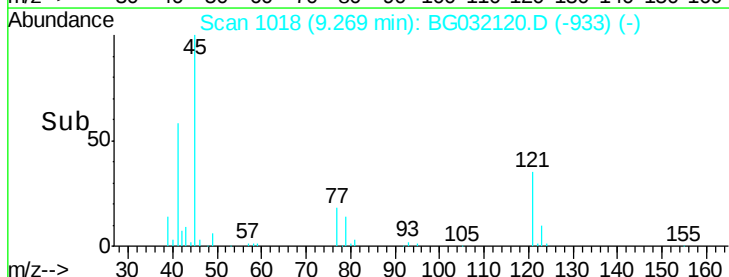
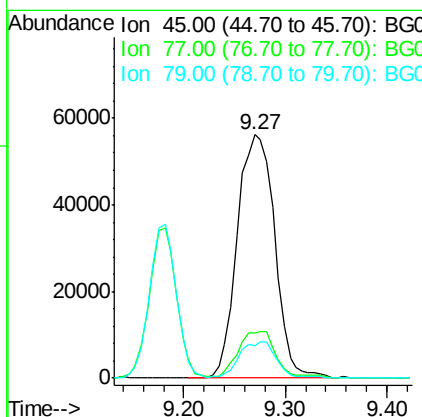
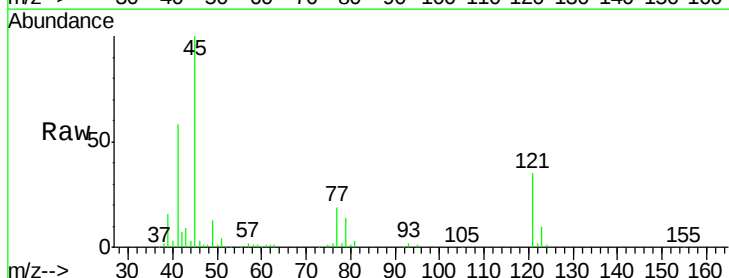
Tgt Ion: 45 Resp: 143996

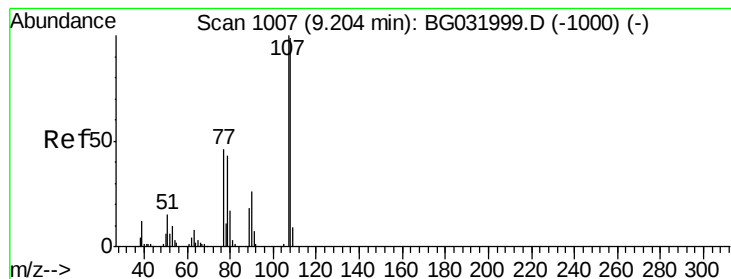
Ion Ratio Lower Upper

45 100

77 18.8 0.0 30.2

79 13.5 0.0 27.9





#17

2-Methylphenol

Concen: 46.798 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

Tgt Ion:107 Resp: 130602

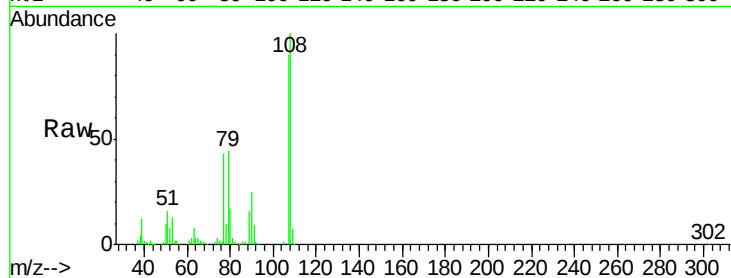
Ion Ratio Lower Upper

107 100

108 110.7 83.9 125.9

77 47.8 37.2 55.8

79 49.0 36.2 54.2

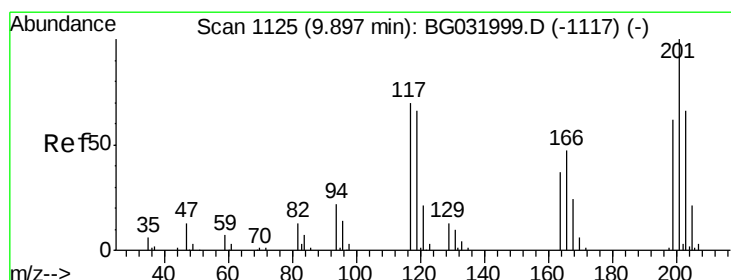
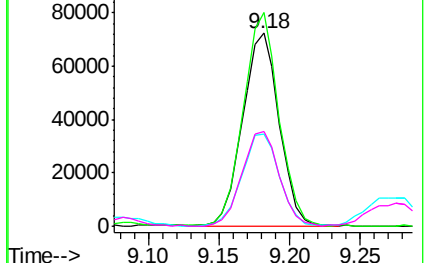
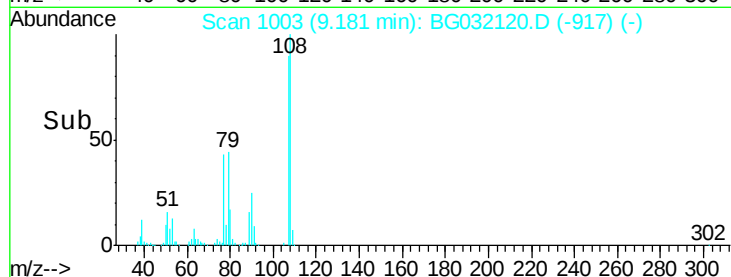


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 49.312 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

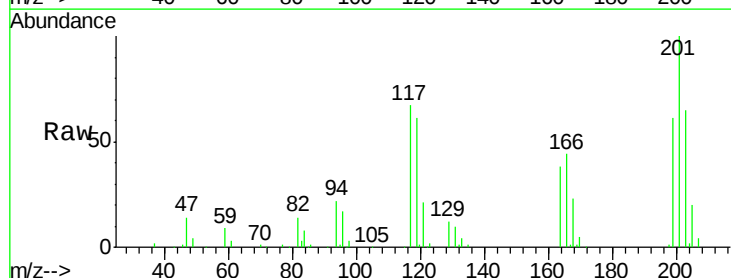
Tgt Ion:117 Resp: 65778

Ion Ratio Lower Upper

117 100

119 91.4 76.7 115.1

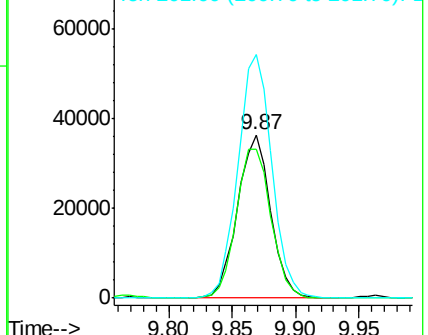
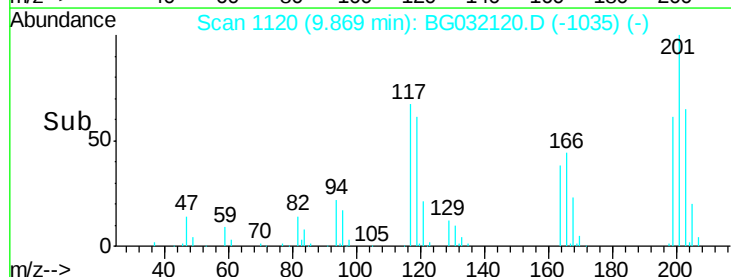
201 149.2 95.7 143.5#

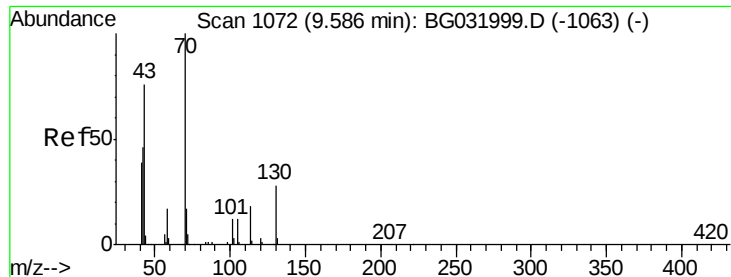


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

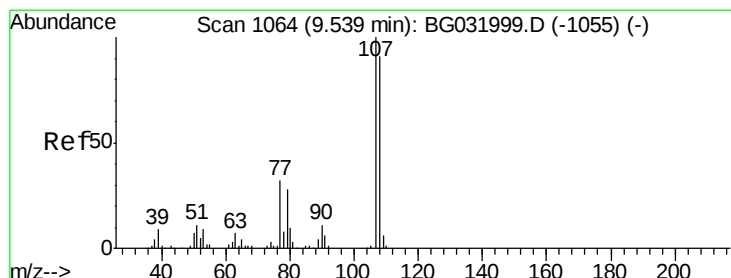
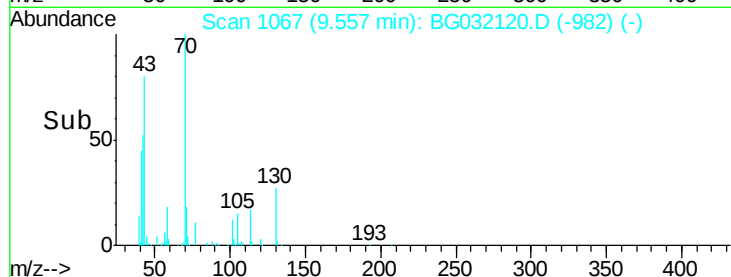
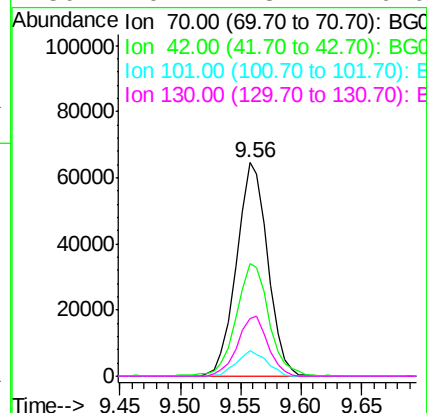
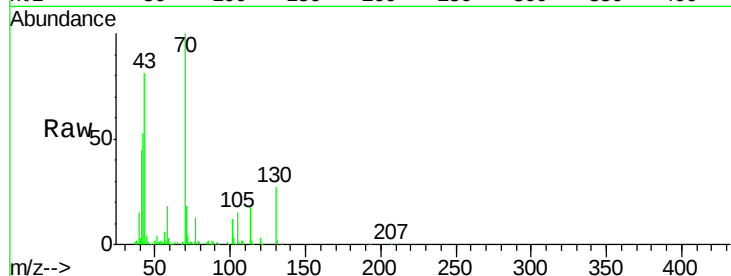




#19
n-Nitroso-di-n-propylamine
Concen: 50.503 ng
RT: 9.56 min Scan# 1067
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

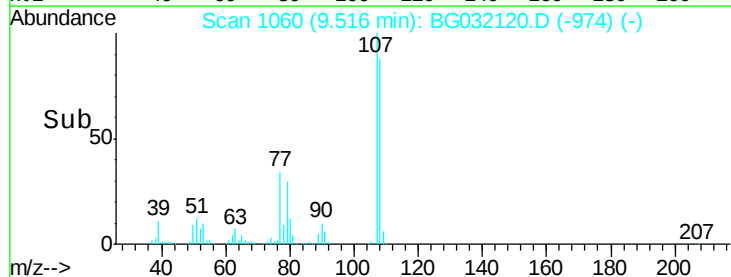
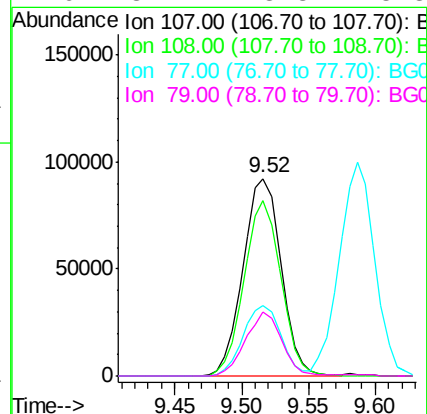
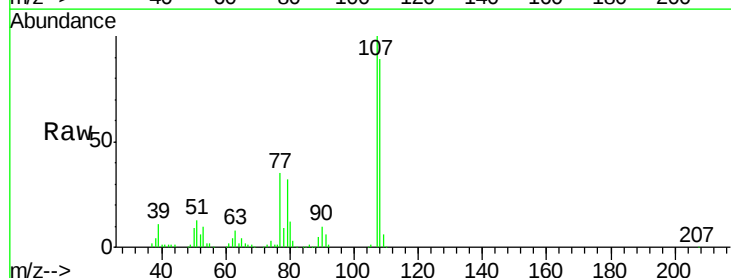
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

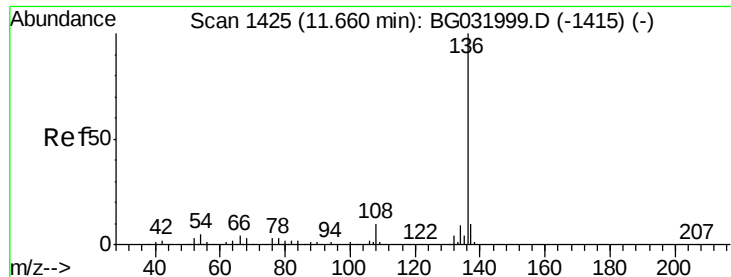
Tgt Ion: 70 Resp: 116159
Ion Ratio Lower Upper
70 100
42 52.8 49.1 73.7
101 12.2 8.5 12.7
130 26.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 47.242 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion: 107 Resp: 182640
Ion Ratio Lower Upper
107 100
108 89.0 61.6 101.6
77 35.5 13.9 53.9
79 32.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.63 min Scan# 1419

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

Tgt Ion:136 Resp: 219798

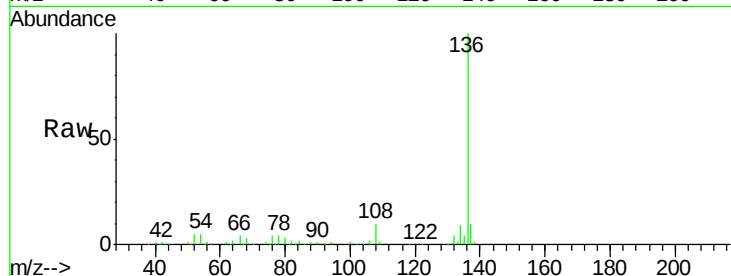
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 4.9 10.3 15.5#

68 3.2 4.5 6.7#

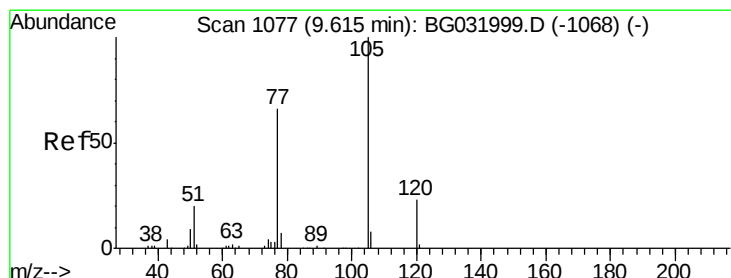
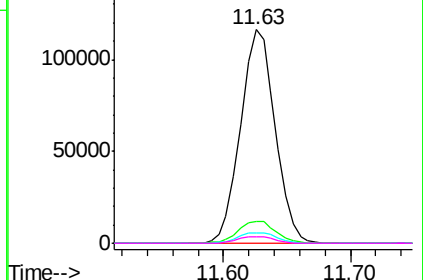
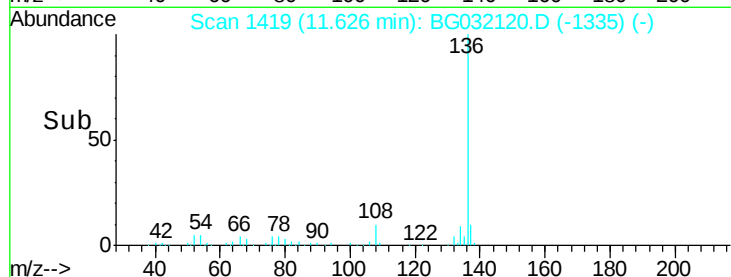


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.616 ng

RT: 9.59 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Tgt Ion:105 Resp: 252711

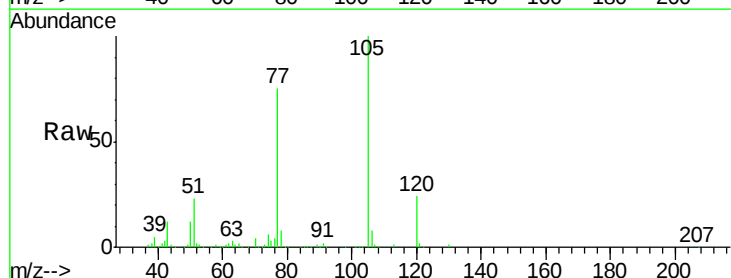
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 23.1 26.1 39.1#

120 24.2 17.4 26.2

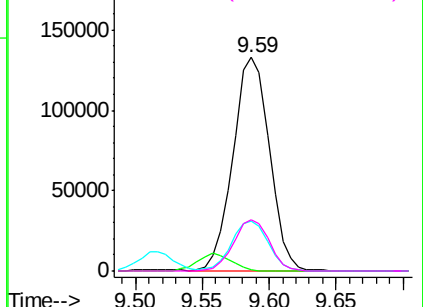
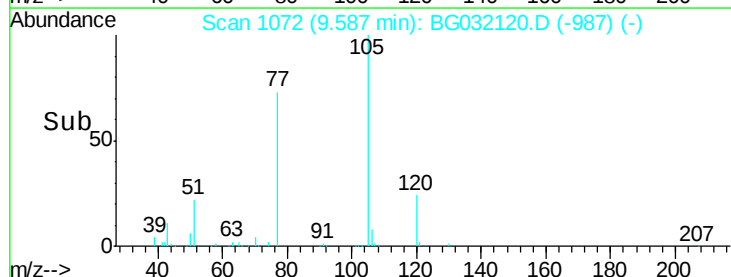


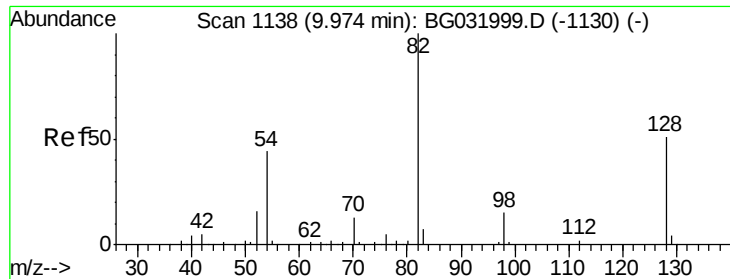
Abundance Ion 105.00 (104.70 to 105.70): E

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

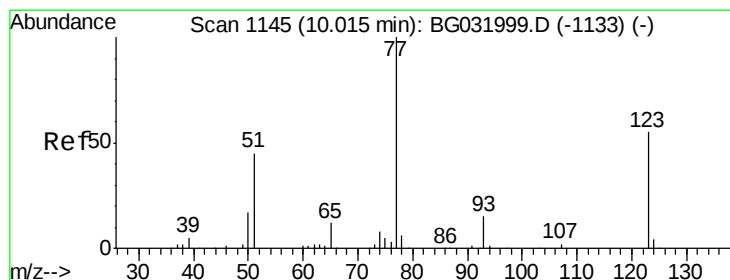
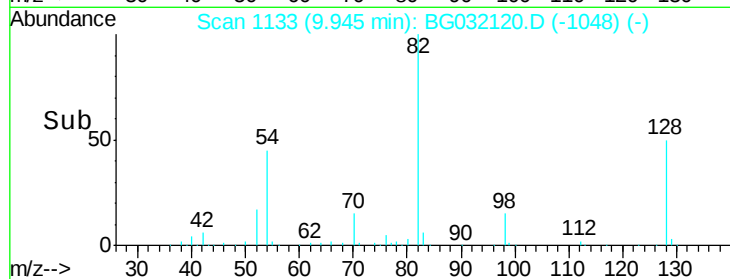
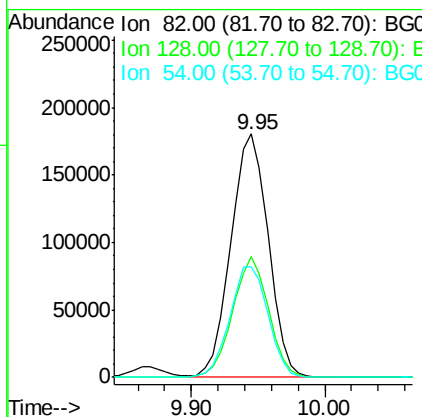
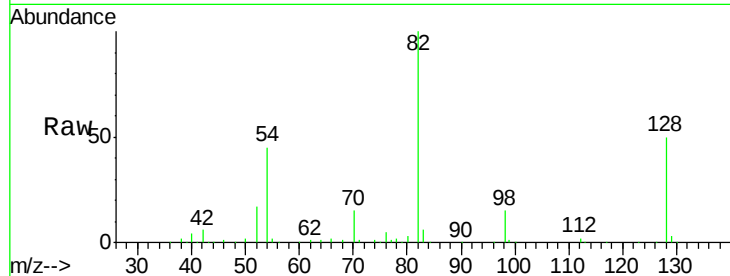




#23
 Nitrobenzene-d5
 Concen: 108.214 ng
 RT: 9.95 min Scan# 1133
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

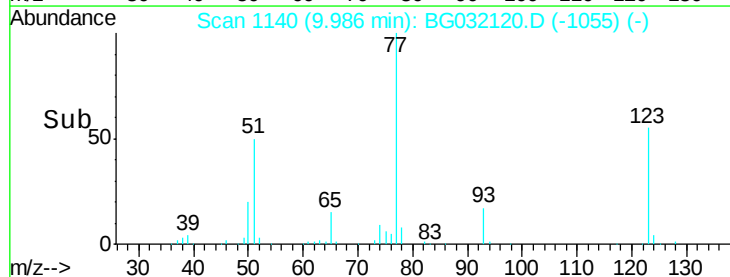
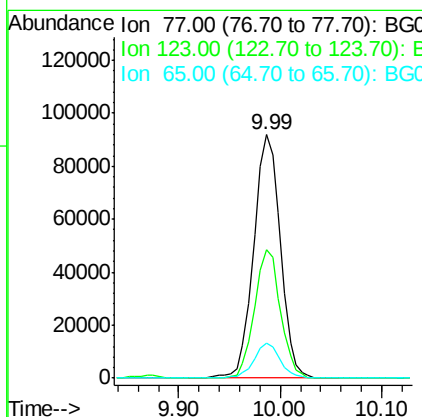
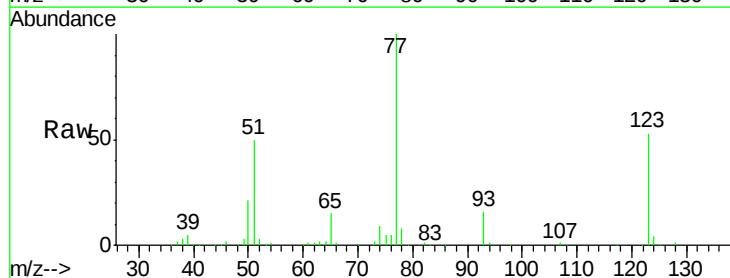
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

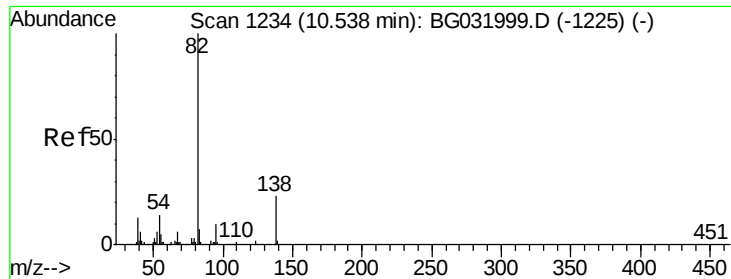
Tgt Ion: 82 Resp: 351570
 Ion Ratio Lower Upper
 82 100
 128 49.7 29.7 44.5#
 54 45.5 43.1 64.7



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

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

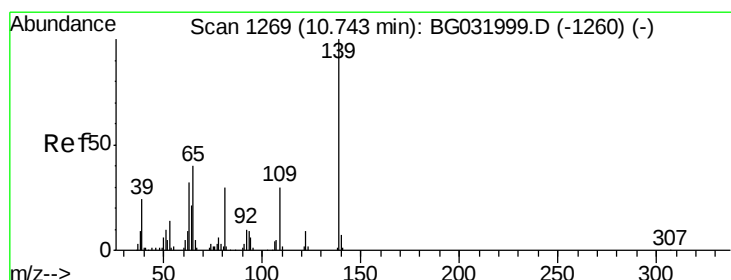
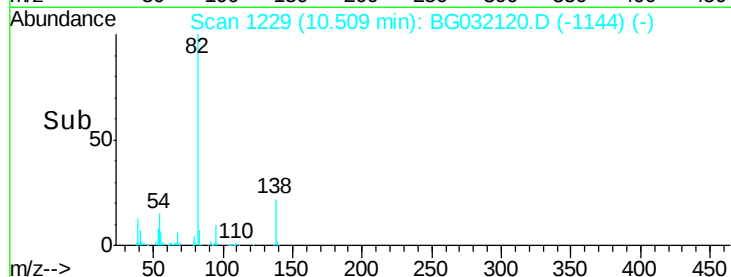
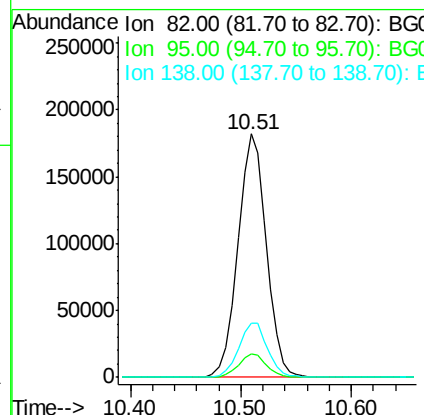
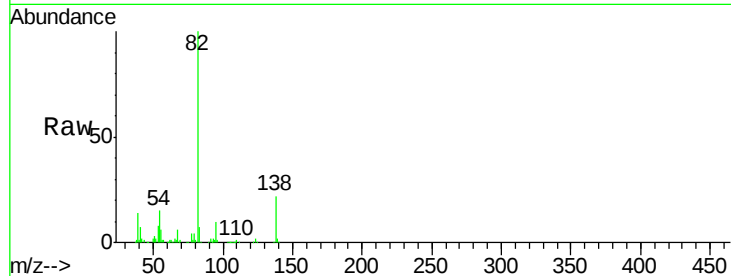




#25
Isophorone
Concen: 54.147 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

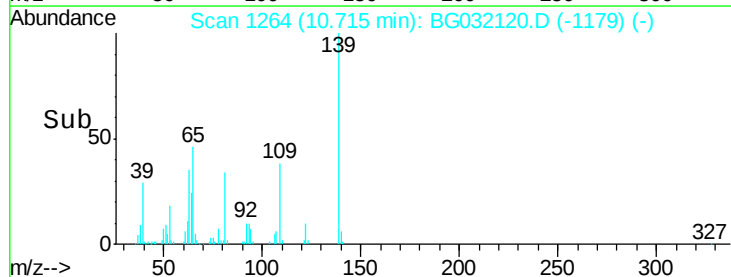
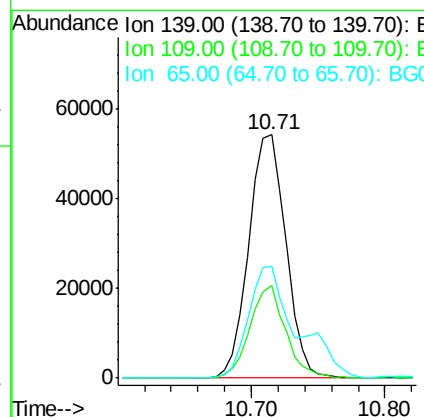
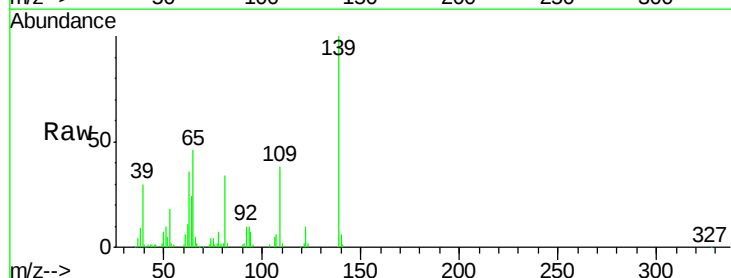
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

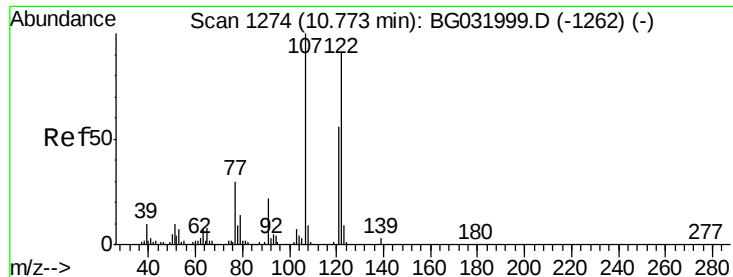
Tgt Ion: 82 Resp: 327558
Ion Ratio Lower Upper
82 100
95 9.5 6.2 9.2#
138 22.0 12.1 18.1#



#26
2-Nitrophenol
Concen: 54.264 ng
RT: 10.71 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion: 139 Resp: 104198
Ion Ratio Lower Upper
139 100
109 37.8 24.2 36.2#
65 45.9 47.4 71.0#

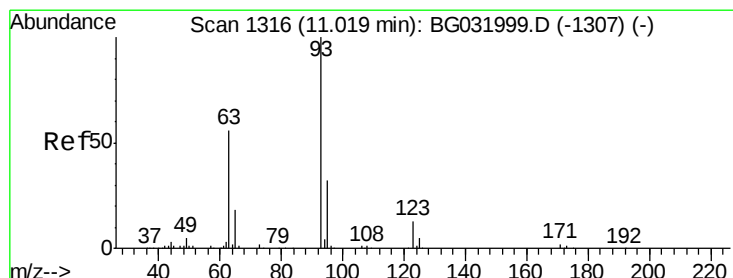
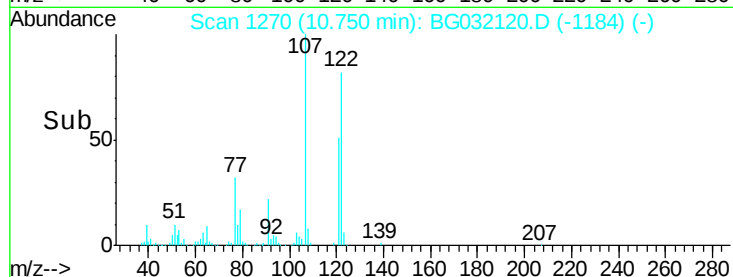
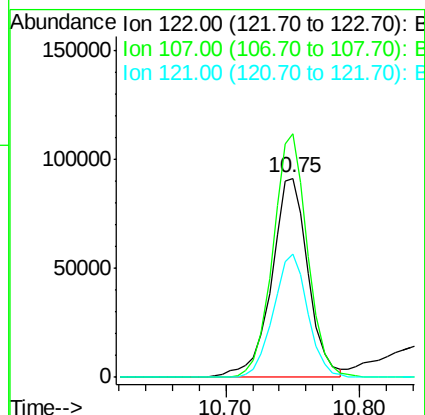
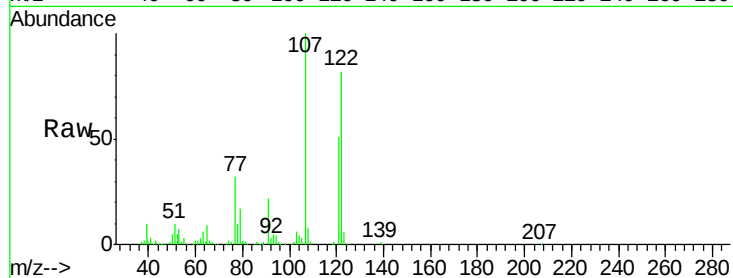




#27
 2,4-Dimethylphenol
 Concen: 57.262 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

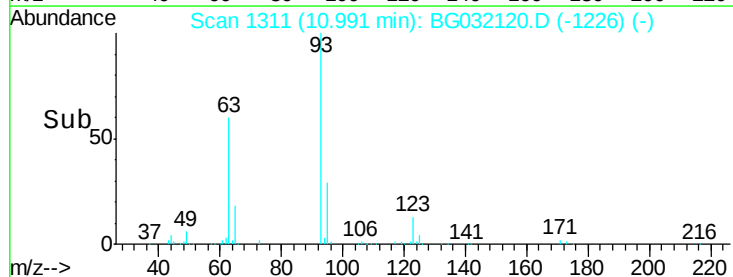
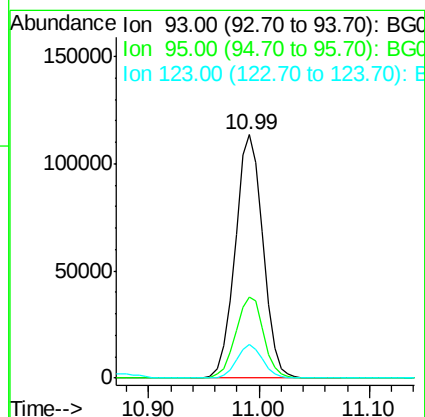
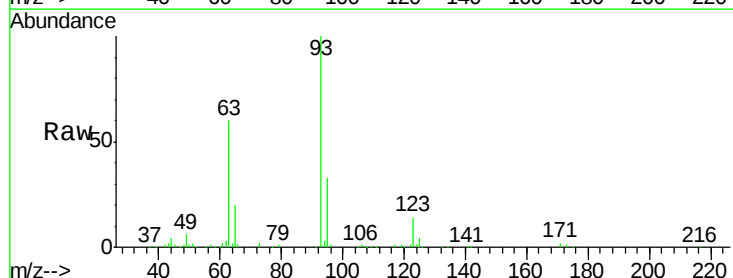
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

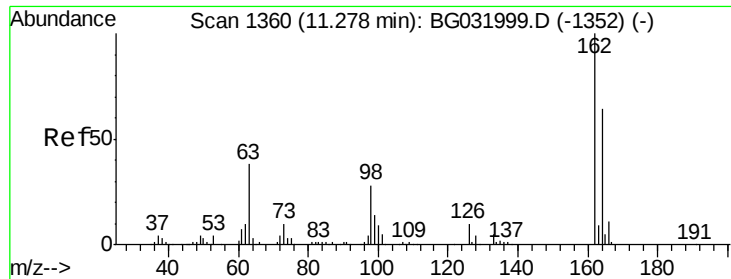
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.4	100.2	150.2
121	61.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.833 ng
 RT: 10.99 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	13.6	8.4	12.6

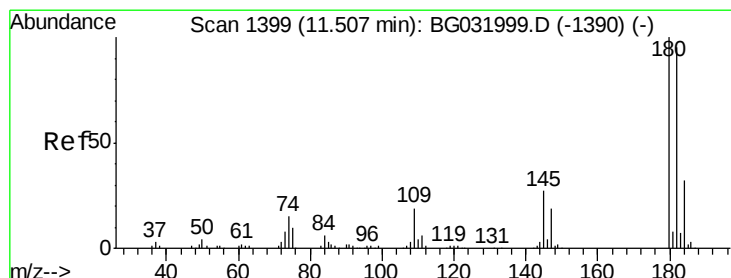
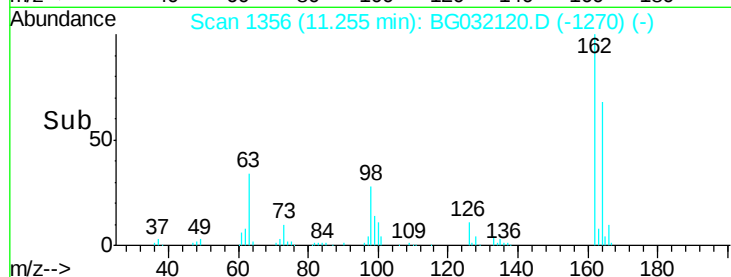
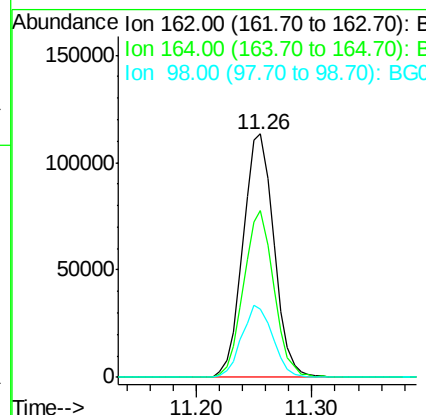
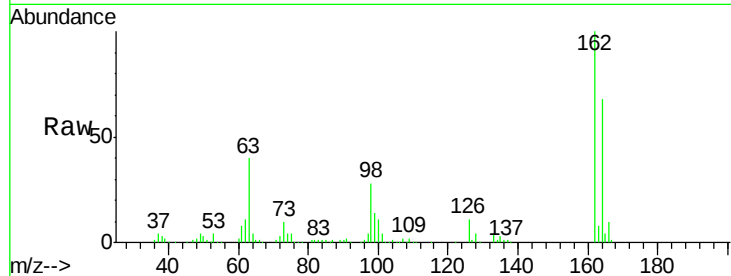




#29
 2,4-Dichlorophenol
 Concen: 56.383 ng
 RT: 11.26 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

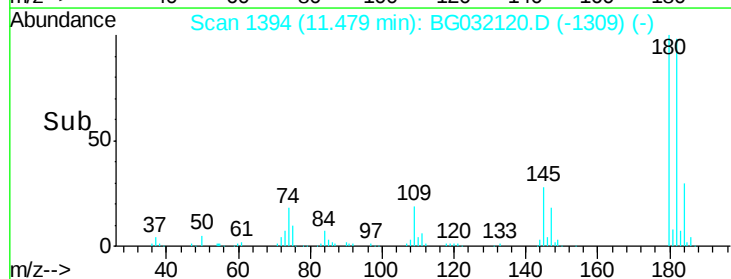
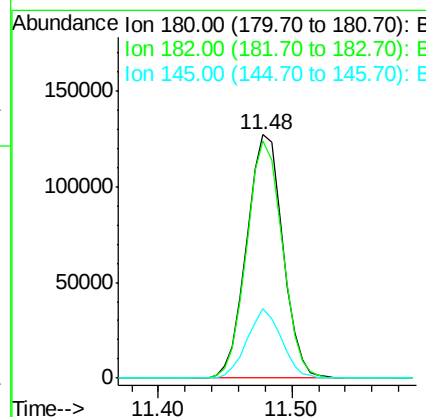
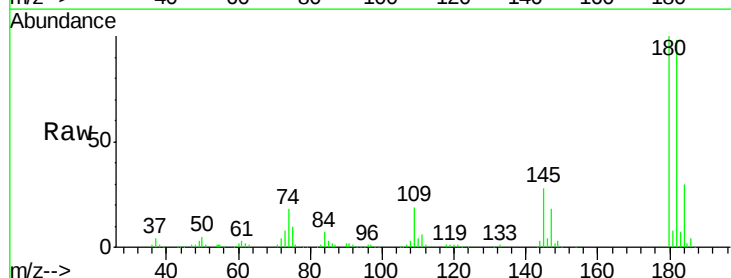
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

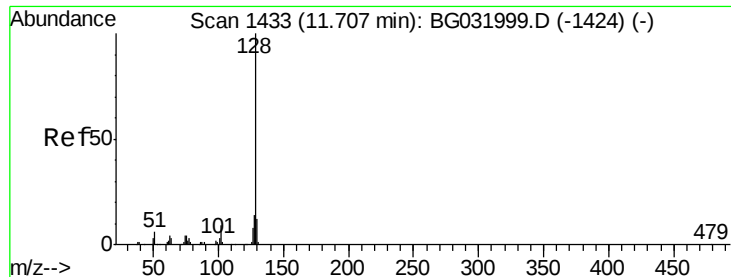
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.4	48.0	88.0
98	28.0	21.1	61.1



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

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

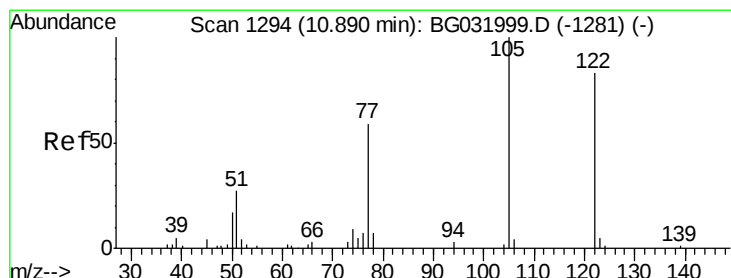
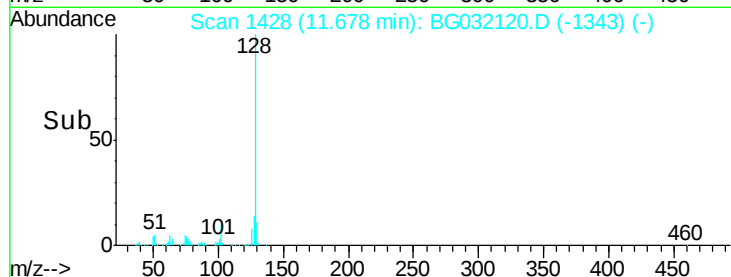
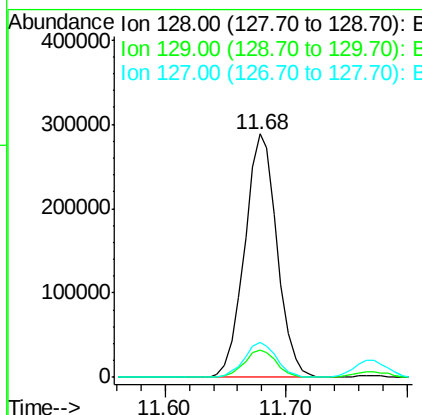
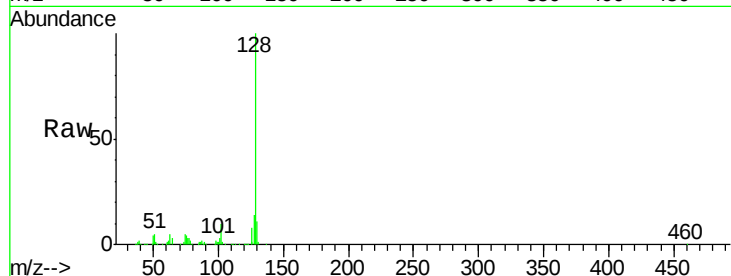




#31
Naphthalene
Concen: 49.312 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

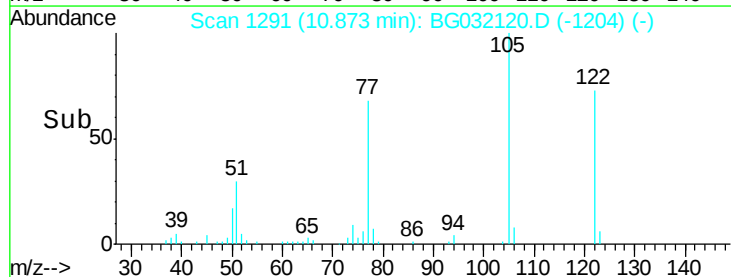
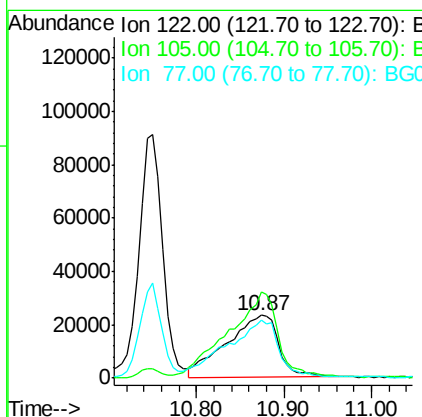
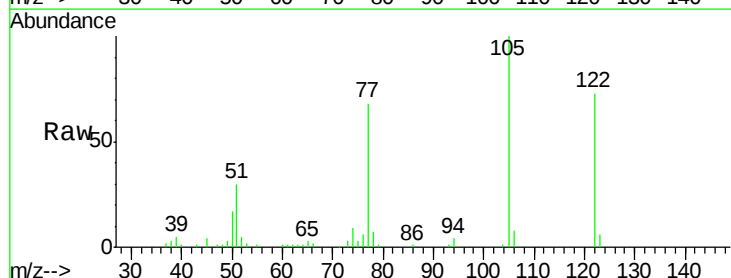
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

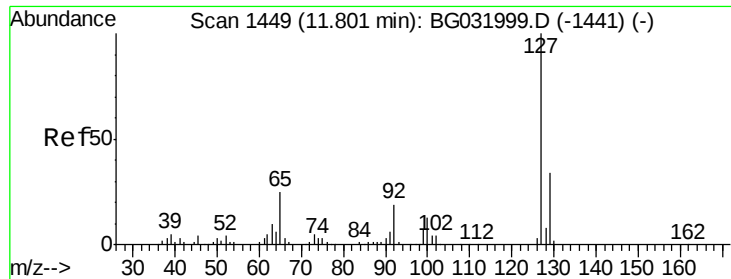
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.2	11.6	17.4



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

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

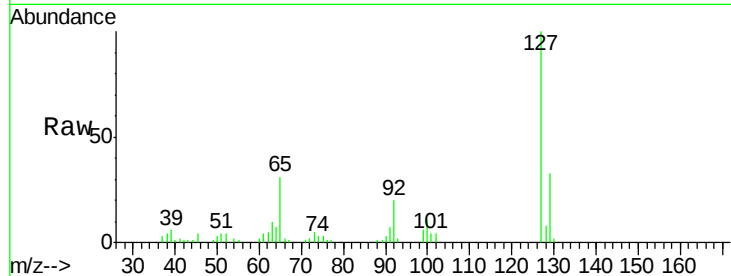




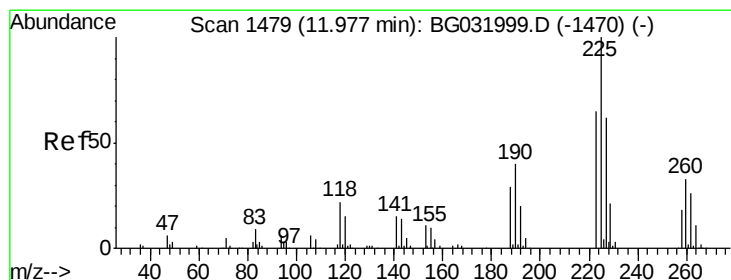
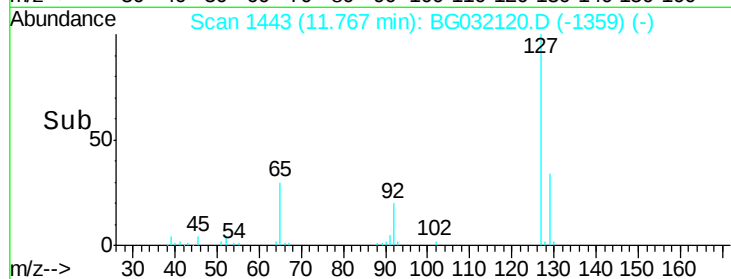
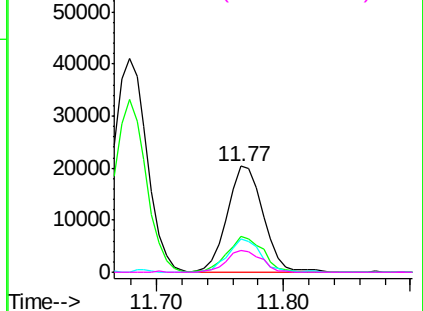
#33
4-Chloroaniline
Concen: 8.566 ng
RT: 11.77 min Scan# 1443
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

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

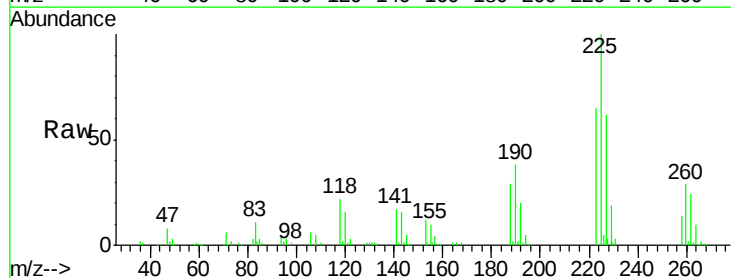


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

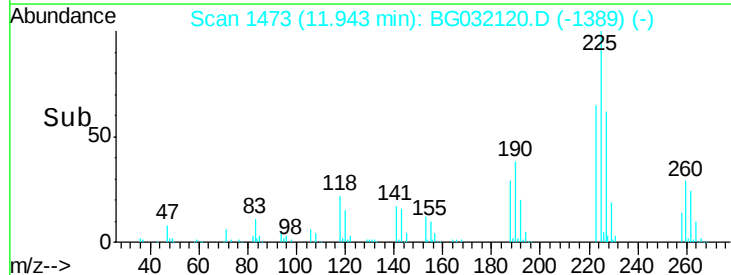
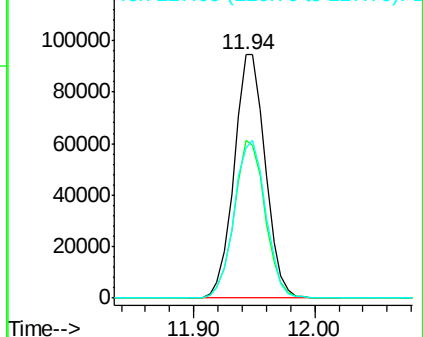


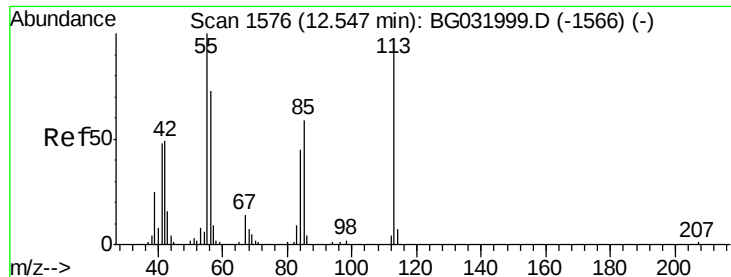
#34
Hexachlorobutadiene
Concen: 48.826 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

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



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





#35

Caprolactam

Concen: 45.843 ng

RT: 12.52 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

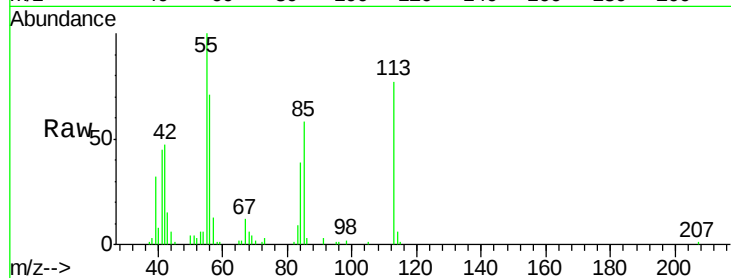
Tgt Ion:113 Resp: 52146

Ion Ratio Lower Upper

113 100

55 129.9 186.9 226.9#

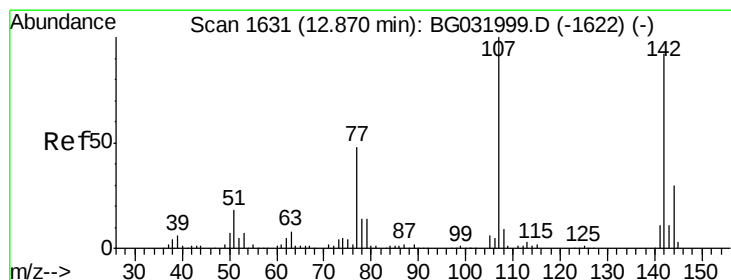
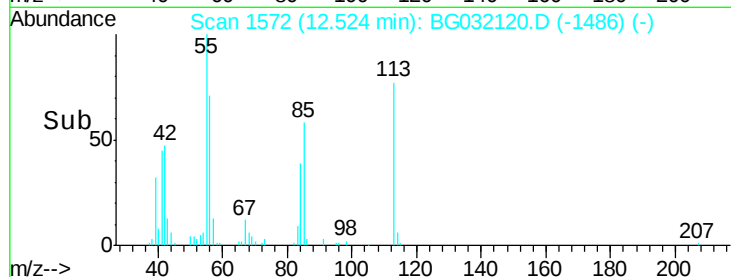
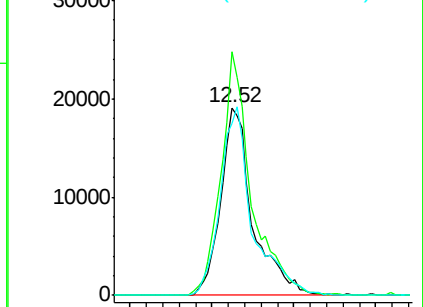
56 91.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 57.731 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

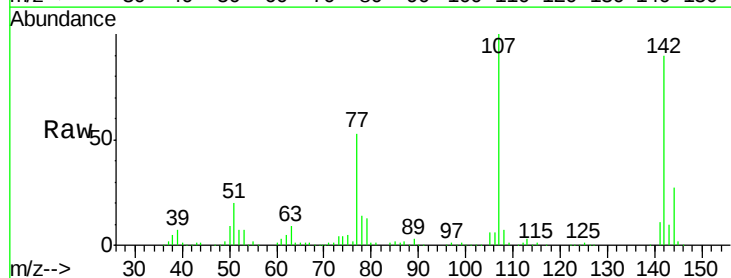
Tgt Ion:107 Resp: 198128

Ion Ratio Lower Upper

107 100

144 27.2 18.2 27.4

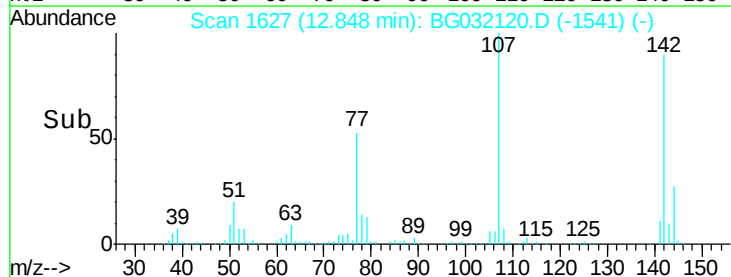
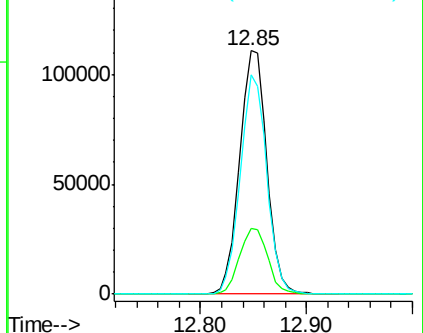
142 90.3 59.0 88.4#

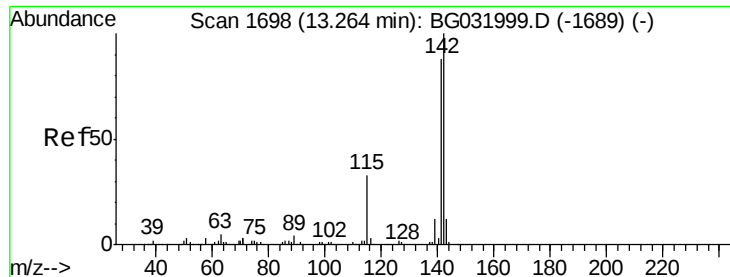


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

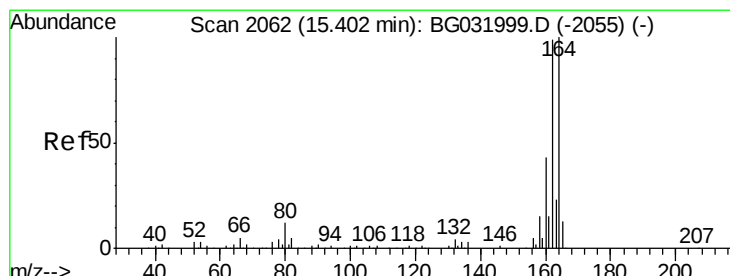
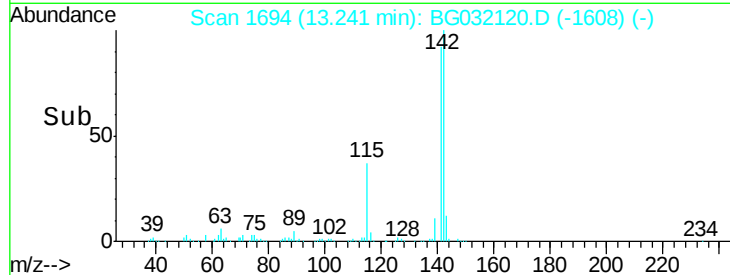
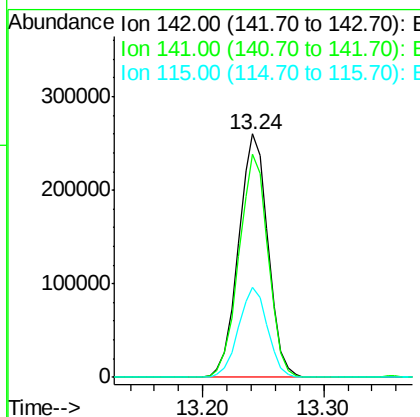
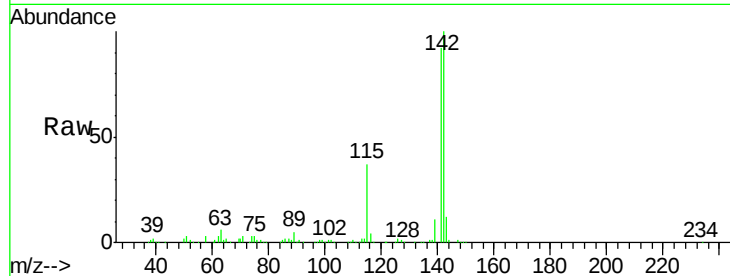




#37
 2-Methylnaphthalene
 Concen: 50.952 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

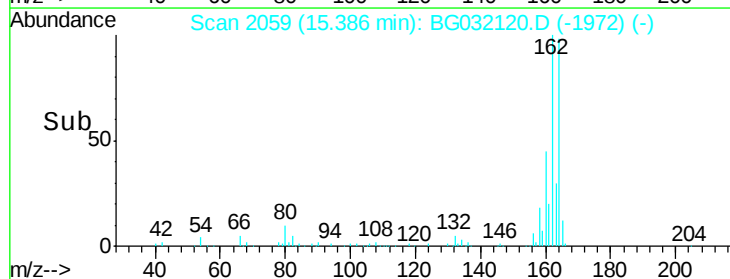
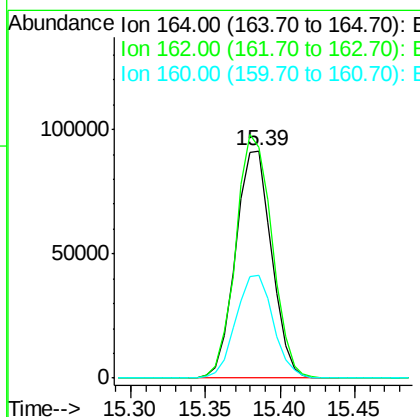
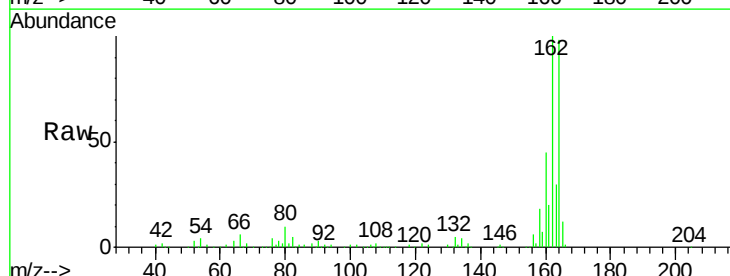
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

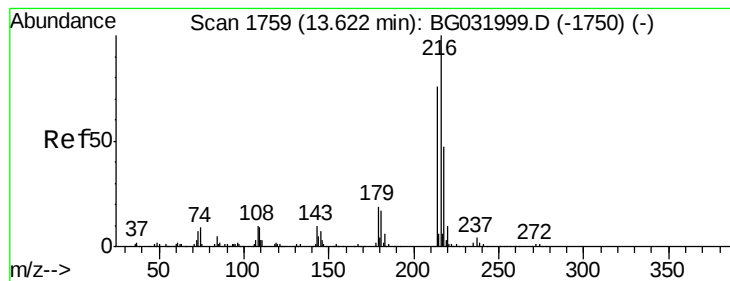
Tgt Ion:142 Resp: 440455
 Ion Ratio Lower Upper
 142 100
 141 91.9 67.1 100.7
 115 36.9 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2059
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion:164 Resp: 153304
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 45.4 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.287 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

Tgt Ion:216 Resp: 336042

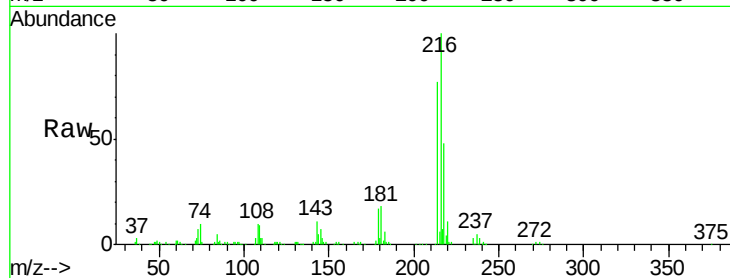
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.4

179 18.5 17.0 25.6

108 12.3 12.8 19.2#

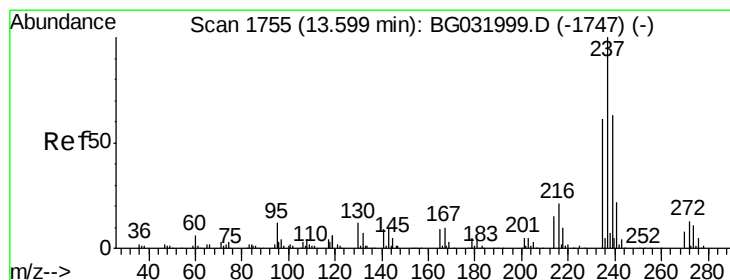
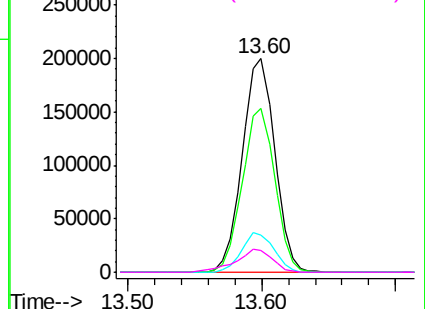
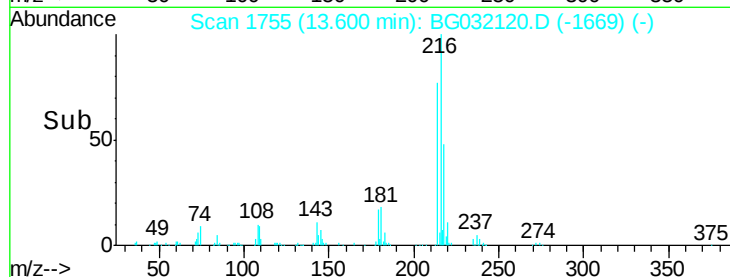


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.145 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

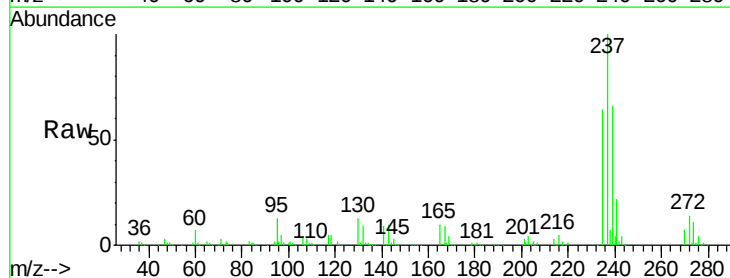
Tgt Ion:237 Resp: 373165

Ion Ratio Lower Upper

237 100

235 63.8 50.4 90.4

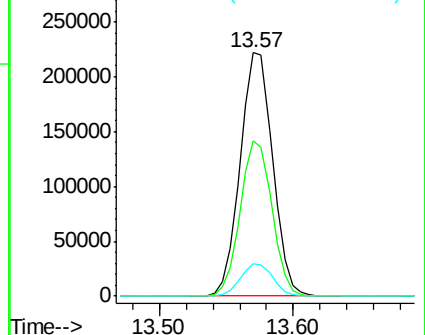
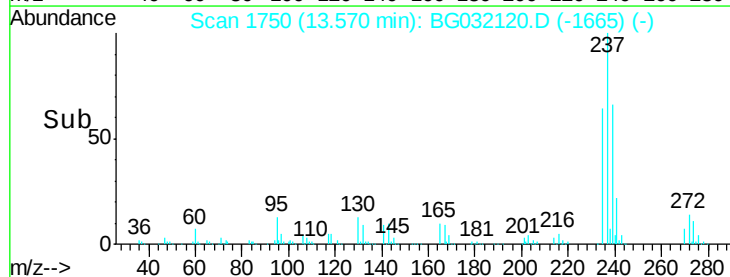
272 13.5 0.0 31.8

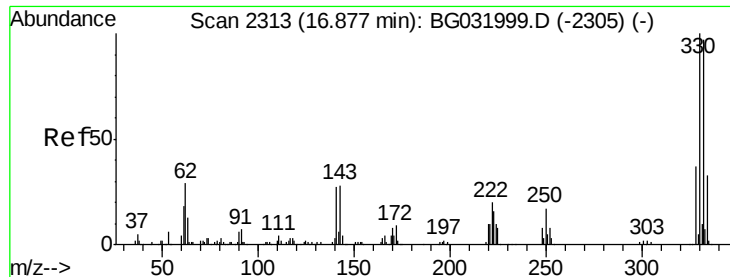


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

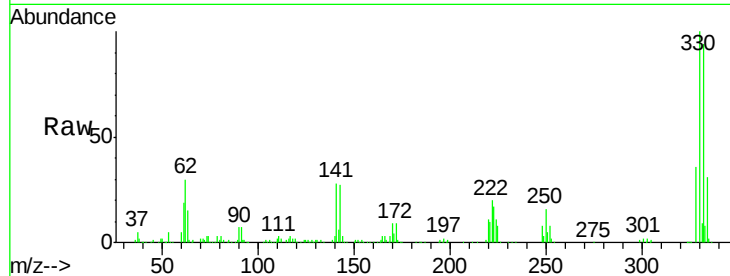




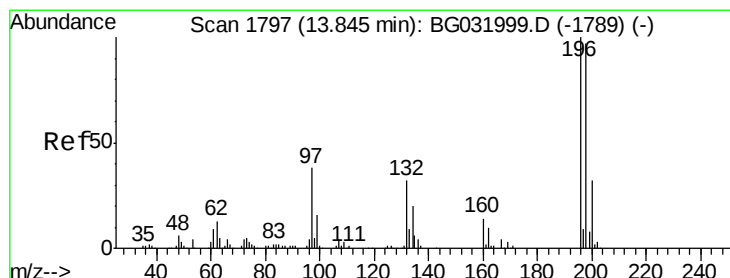
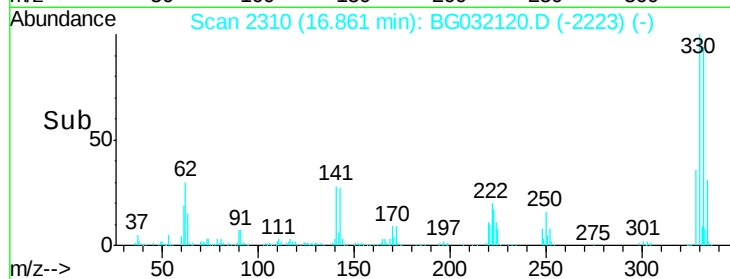
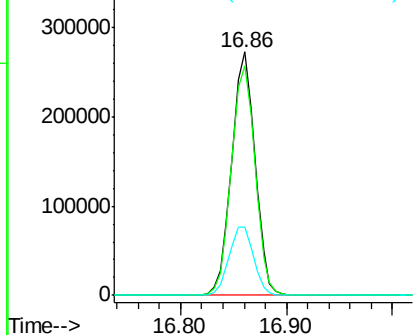
#41
 2,4,6-Tribromophenol
 Concen: 164.046 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

Tgt Ion:330 Resp: 416155
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 29.7 25.2 37.8

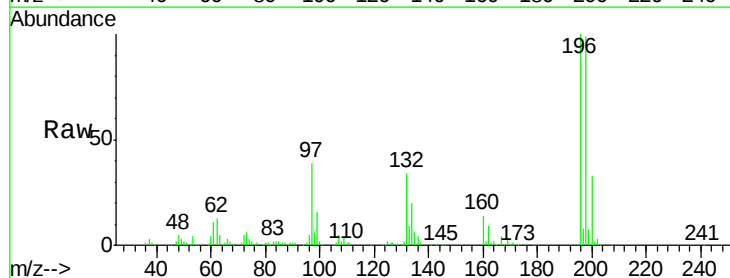


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

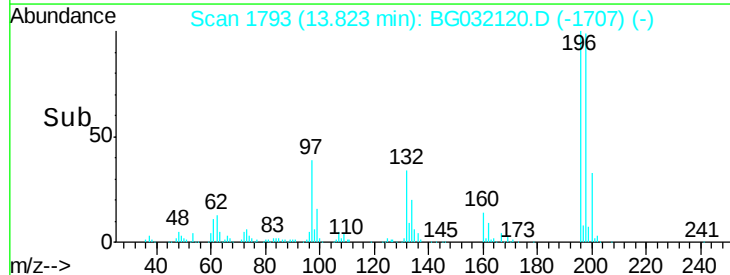
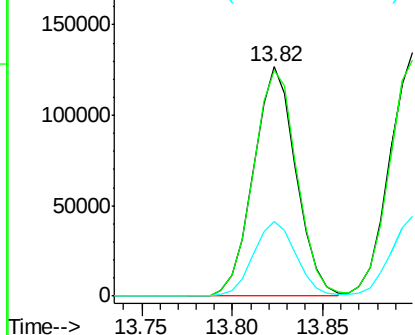


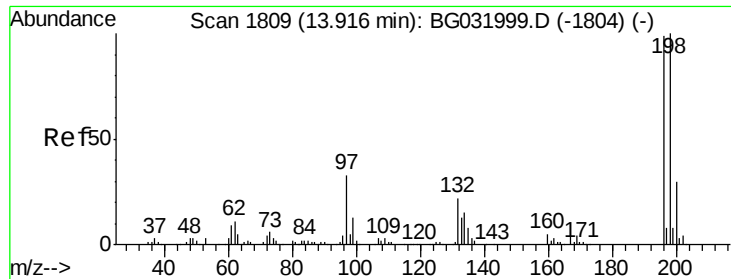
#42
 2,4,6-Trichlorophenol
 Concen: 55.179 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion:196 Resp: 207186
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.2 117.2
 200 32.7 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

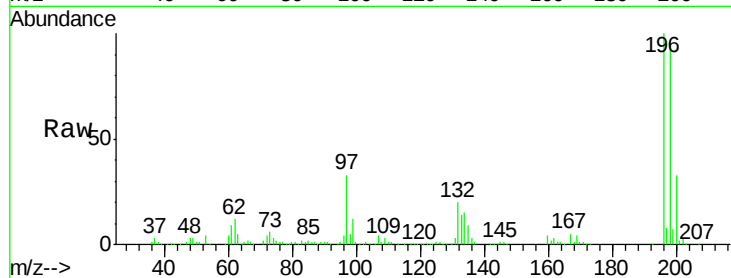




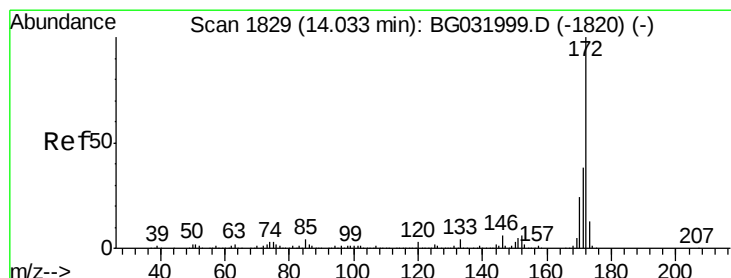
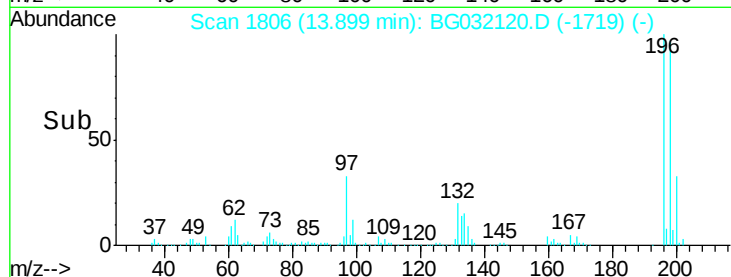
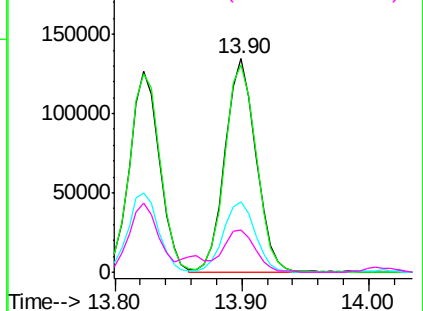
#43
2,4,5-Trichlorophenol
Concen: 52.216 ng
RT: 13.90 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

Tgt Ion:196 Resp: 226937
Ion Ratio Lower Upper
196 100
198 97.1 76.2 114.4
97 33.0 38.7 58.1#
132 19.8 20.2 30.2#

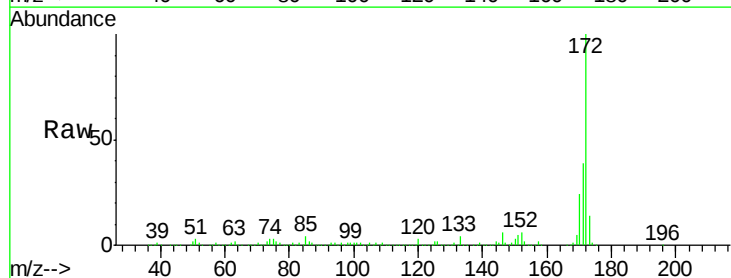


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

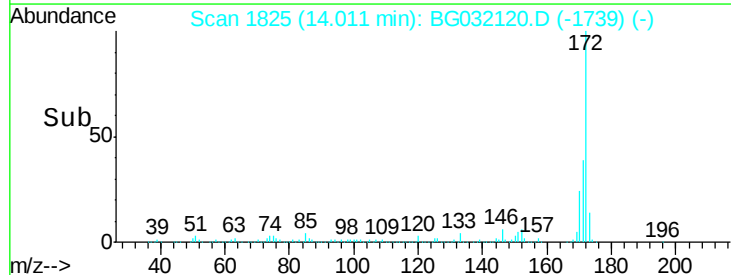
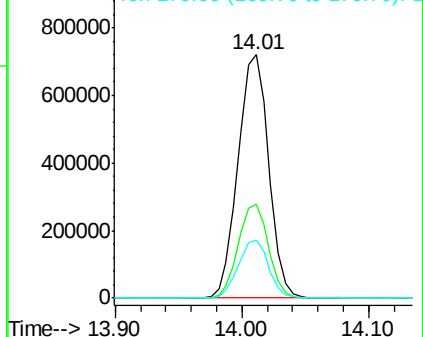


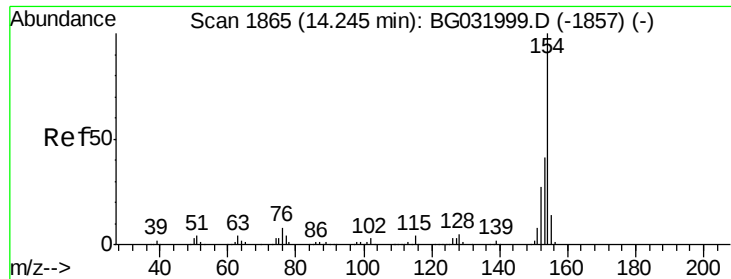
#44
2-Fluorobiphenyl
Concen: 97.594 ng
RT: 14.01 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:172 Resp: 1206627
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 23.6 19.5 29.3



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

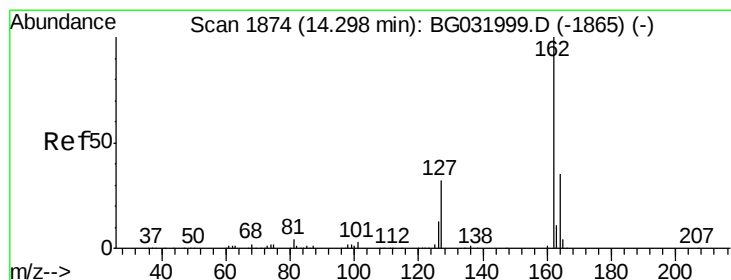
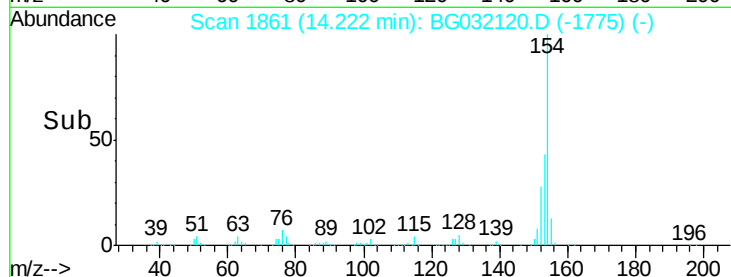
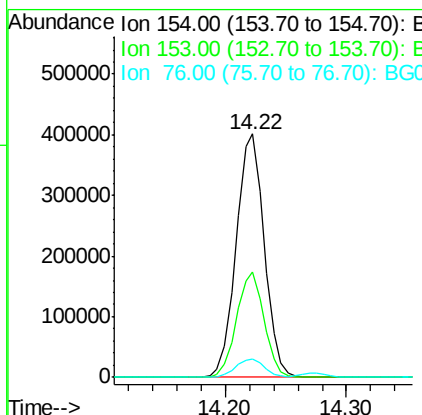
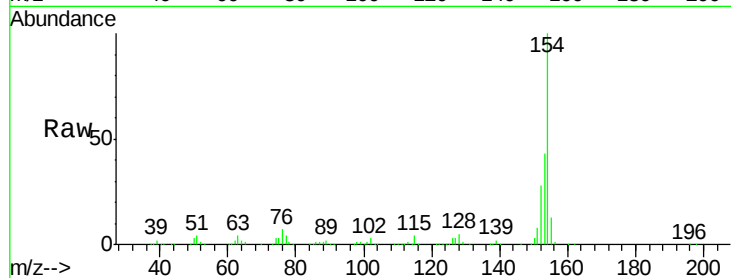




#45
 1,1'-Biphenyl
 Concen: 49.402 ng
 RT: 14.22 min Scan# 1861
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

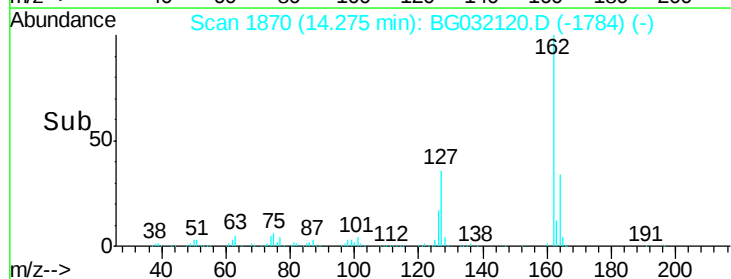
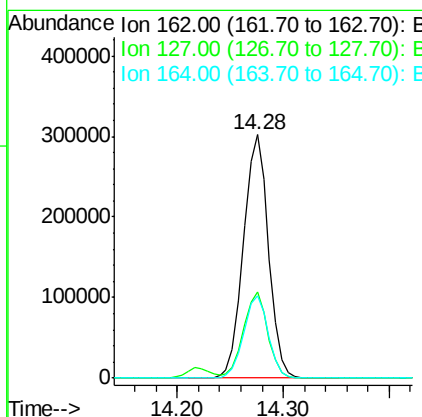
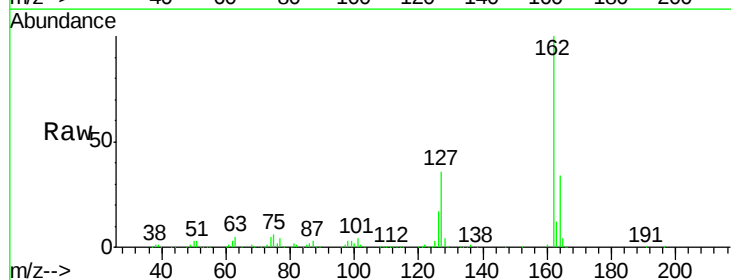
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

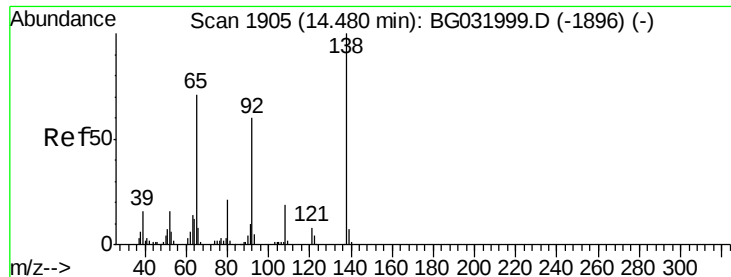
Tgt Ion:154 Resp: 649259
 Ion Ratio Lower Upper
 154 100
 153 43.1 19.8 59.8
 76 7.5 0.0 31.9



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

Tgt Ion:162 Resp: 494224
 Ion Ratio Lower Upper
 162 100
 127 35.5 30.7 46.1
 164 33.9 26.0 39.0

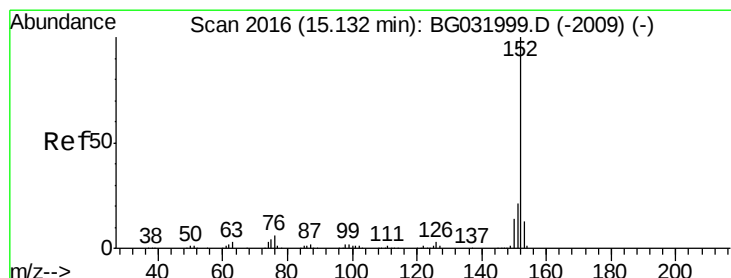
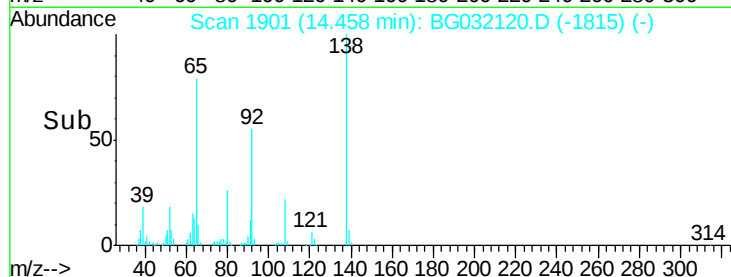
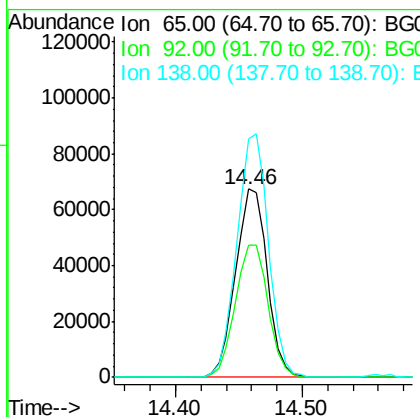
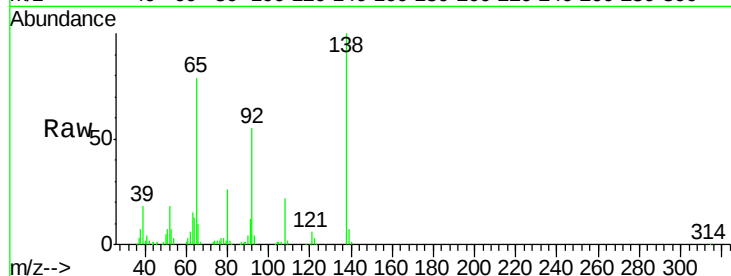




#47
2-Nitroaniline
Concen: 59.359 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

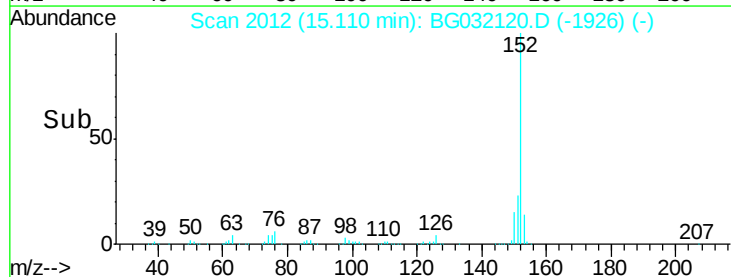
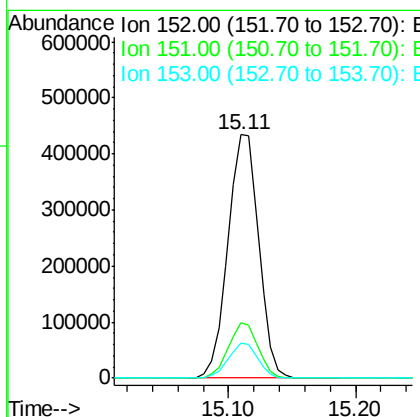
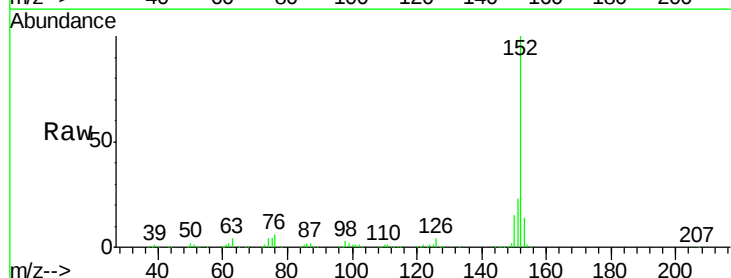
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

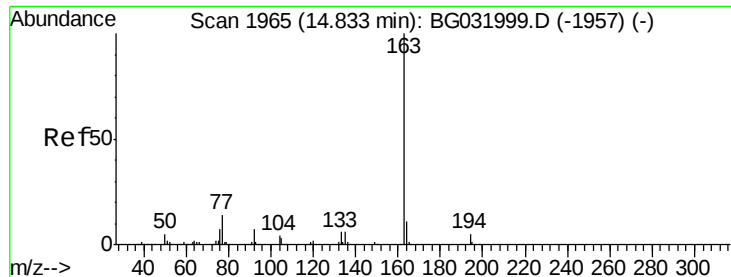
Tgt Ion: 65 Resp: 116181
Ion Ratio Lower Upper
65 100
92 70.1 54.6 82.0
138 127.0 72.9 109.3#



#48
Acenaphthylene
Concen: 46.705 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion: 152 Resp: 727149
Ion Ratio Lower Upper
152 100
151 22.7 17.2 25.8
153 14.1 10.2 15.4

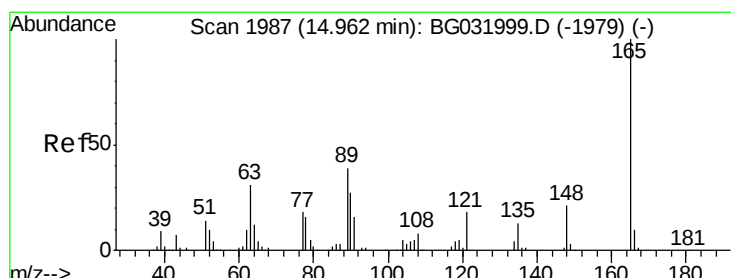
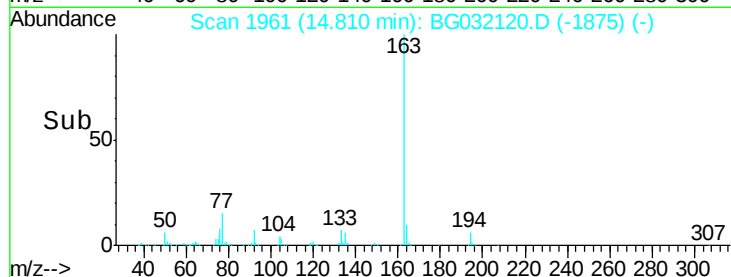
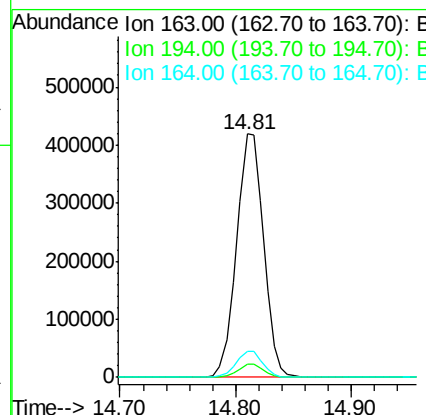
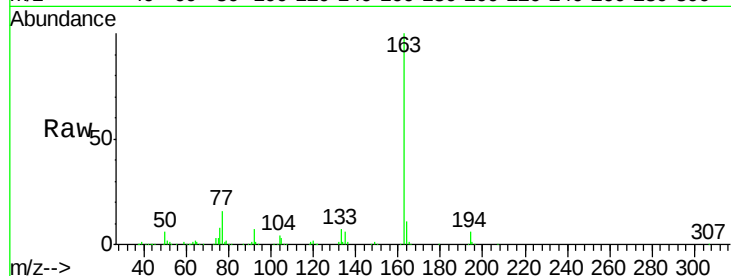




#49
Dimethylphthalate
Concen: 50.620 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

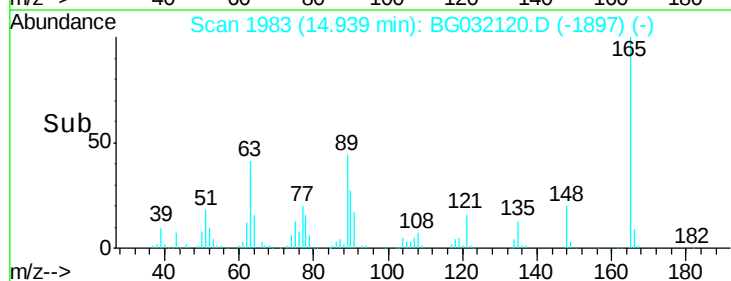
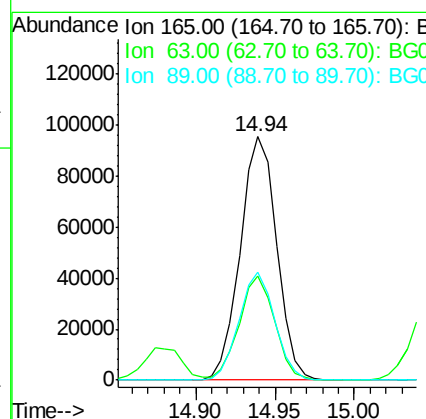
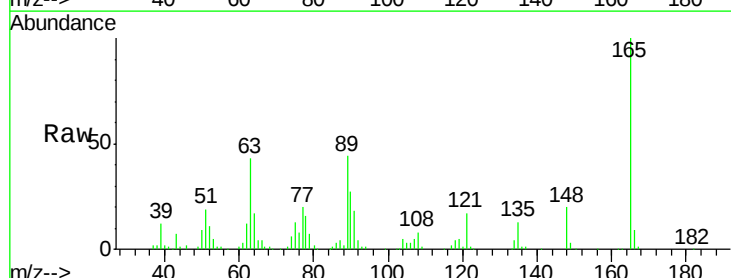
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

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



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

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

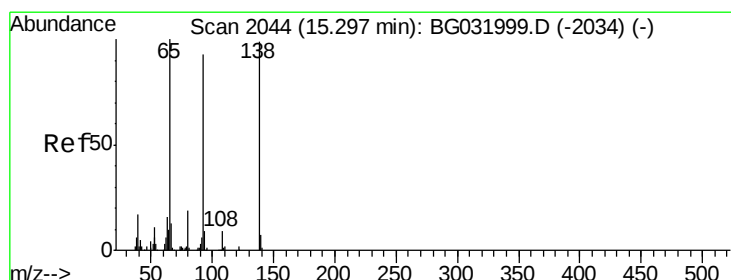
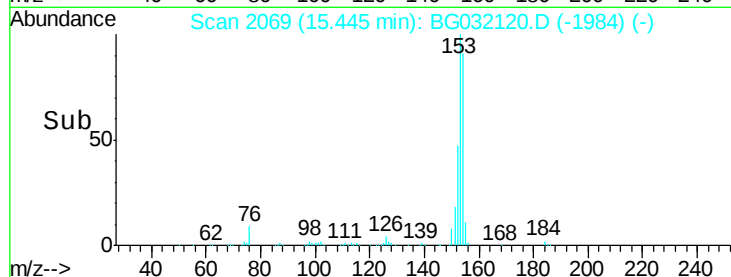
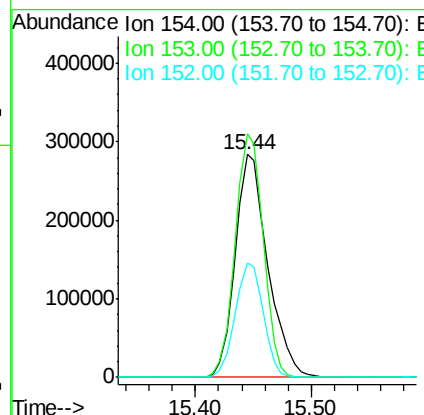
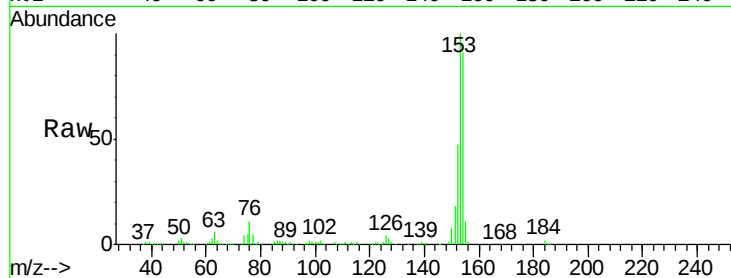




#51
Acenaphthene
Concen: 53.887 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.03 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

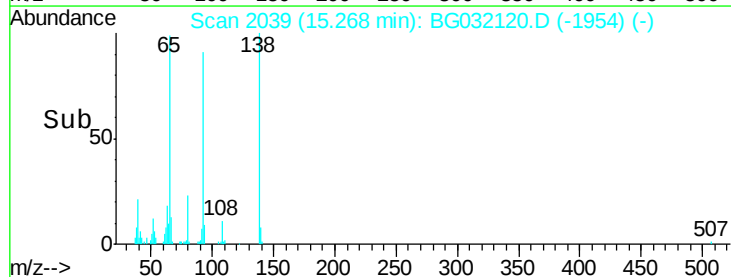
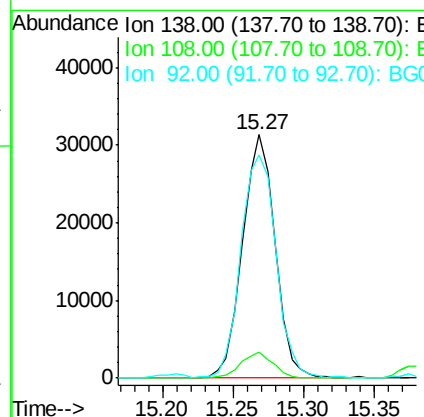
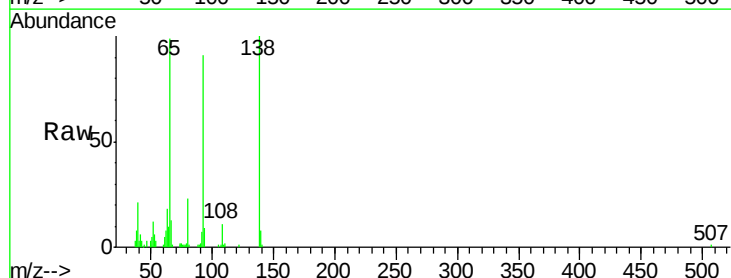
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

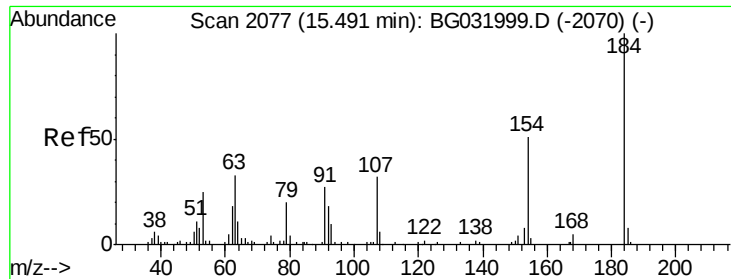
Tgt Ion:154 Resp: 554759
Ion Ratio Lower Upper
154 100
153 109.4 90.4 135.6
152 51.4 41.6 62.4



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

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

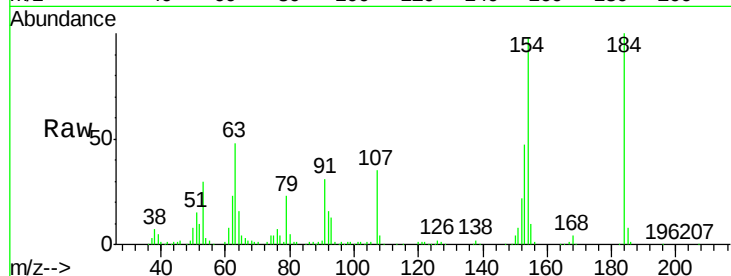




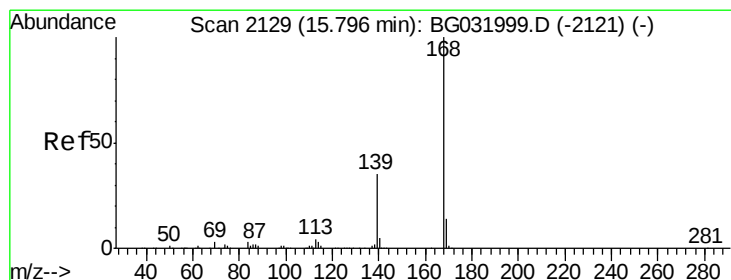
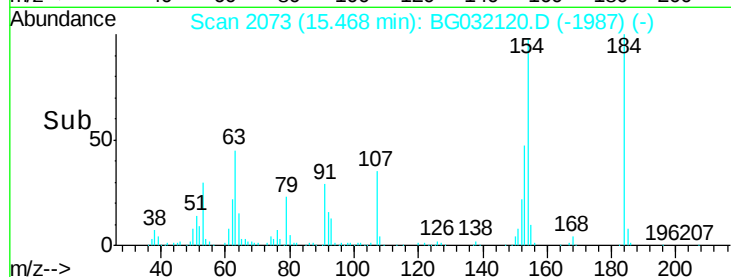
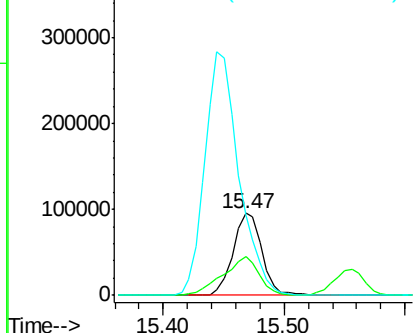
#53
2,4-Dinitrophenol
Concen: 110.511 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

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

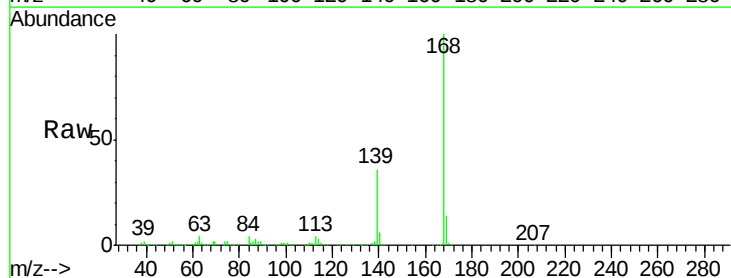


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

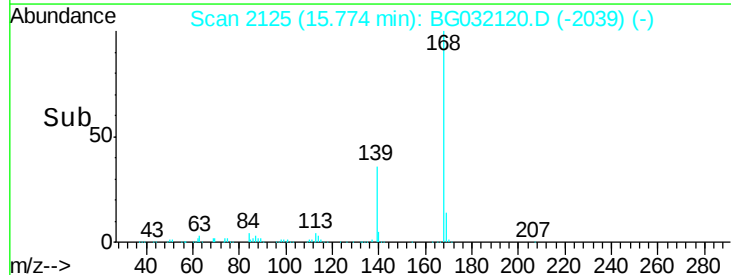
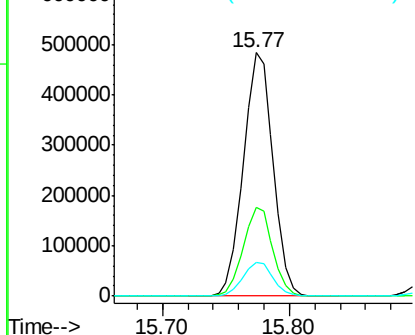


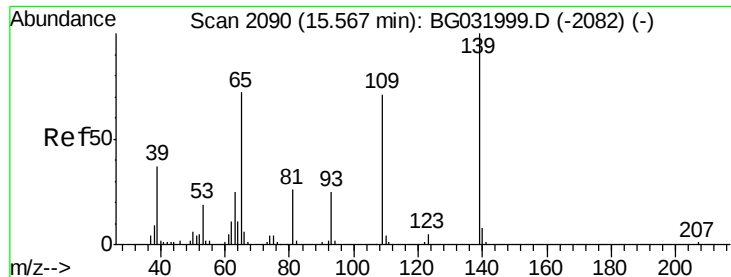
#54
Dibenzofuran
Concen: 51.079 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

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



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

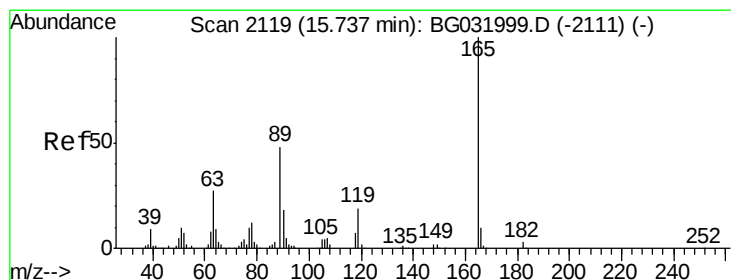
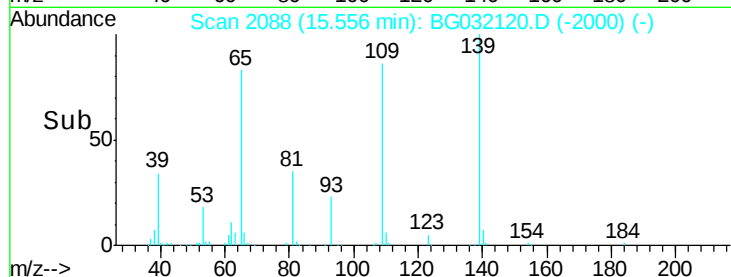
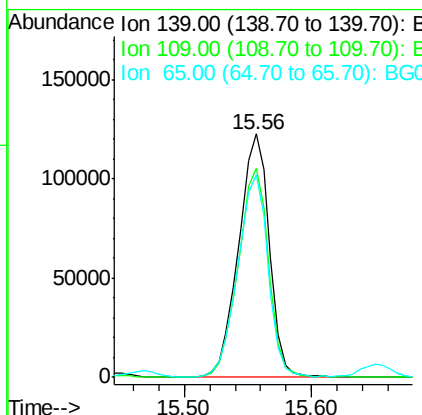
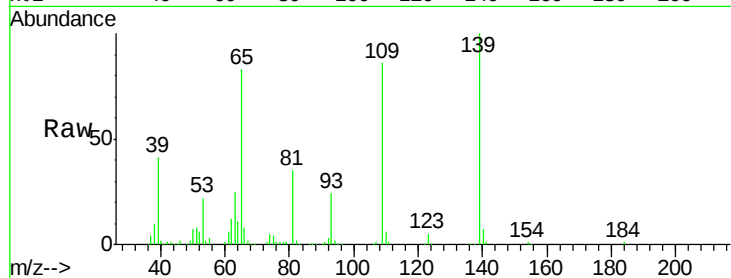




#55
4-Nitrophenol
Concen: 112.474 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

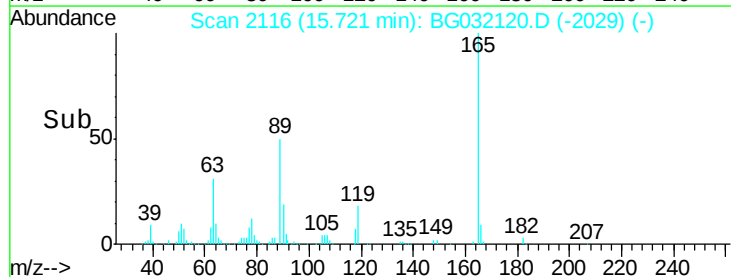
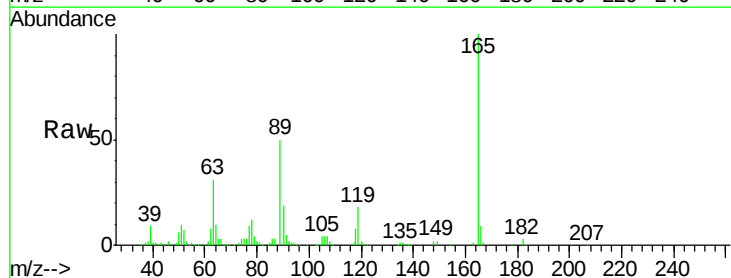
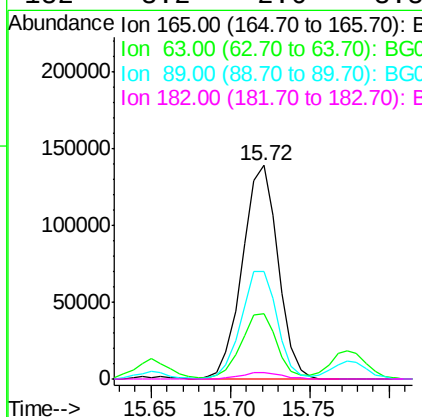
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

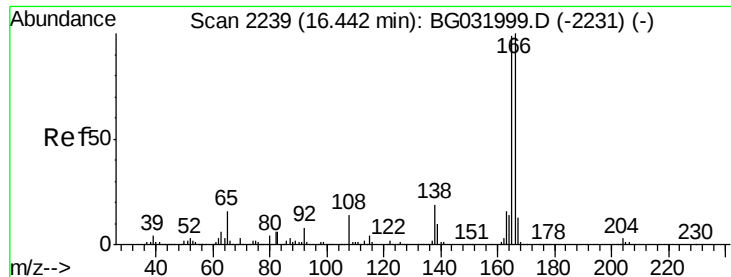
Tgt Ion:139 Resp: 206146
Ion Ratio Lower Upper
139 100
109 85.8 62.2 102.2
65 83.4 97.2 137.2#



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

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





#57

Fluorene

Concen: 50.405 ng

RT: 16.42 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

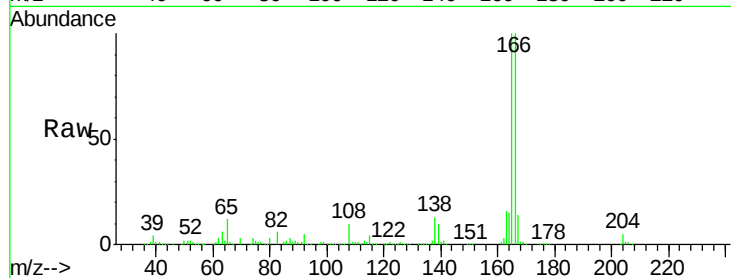
Tgt Ion:166 Resp: 634869

Ion Ratio Lower Upper

166 100

165 99.8 80.6 121.0

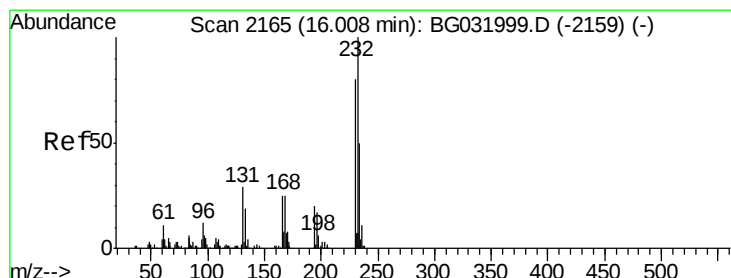
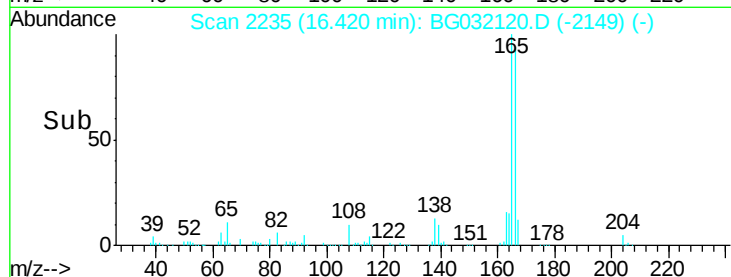
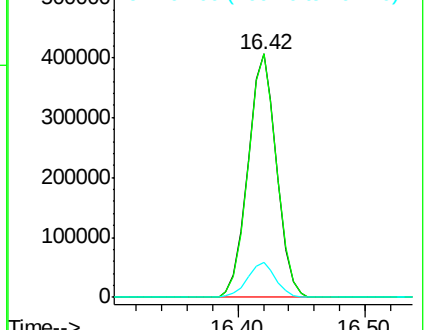
167 14.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.949 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Tgt Ion:232 Resp: 245045

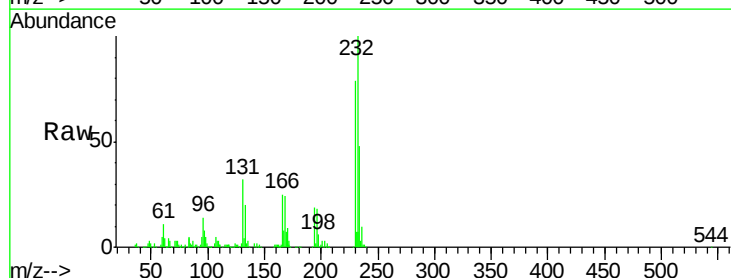
Ion Ratio Lower Upper

232 100

131 30.4 33.5 50.3#

130 1.8 2.2 3.2#

166 24.9 24.8 37.2

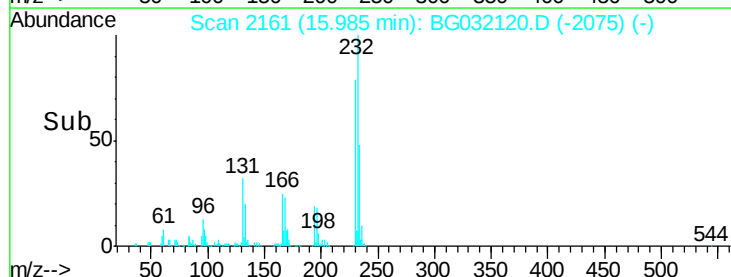
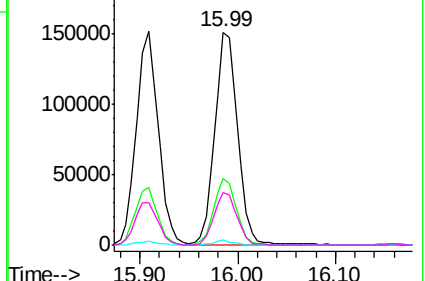


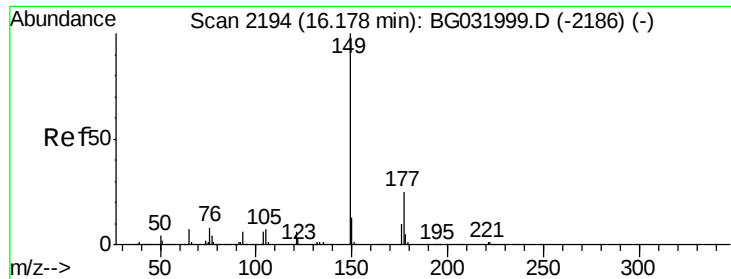
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

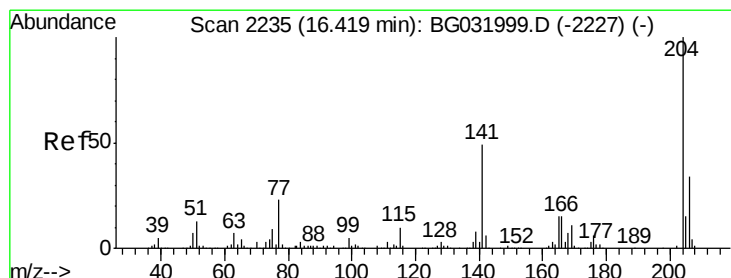
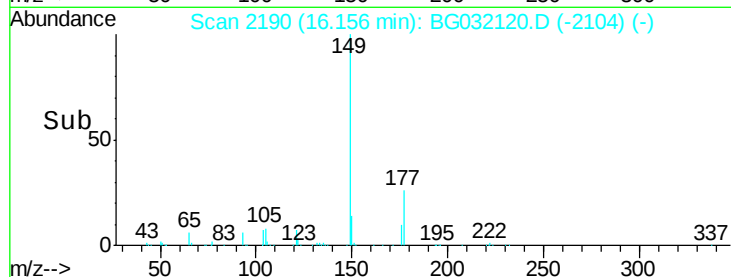
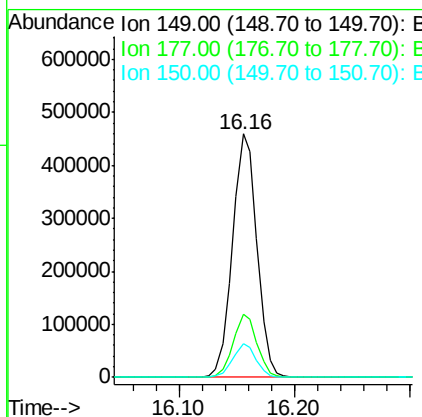
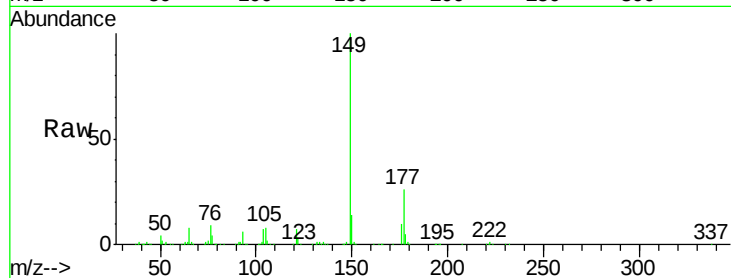




#59
Diethylphthalate
Concen: 51.486 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

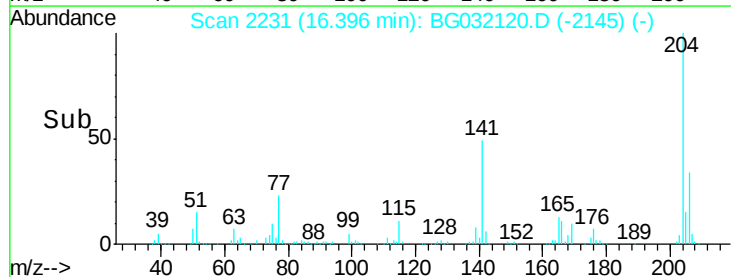
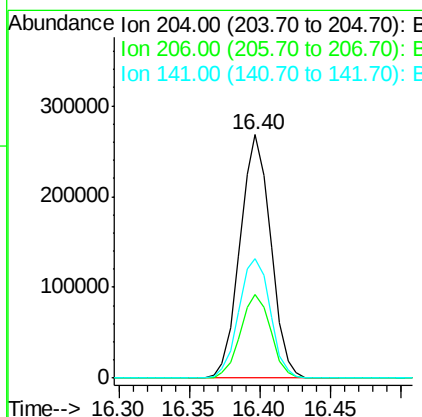
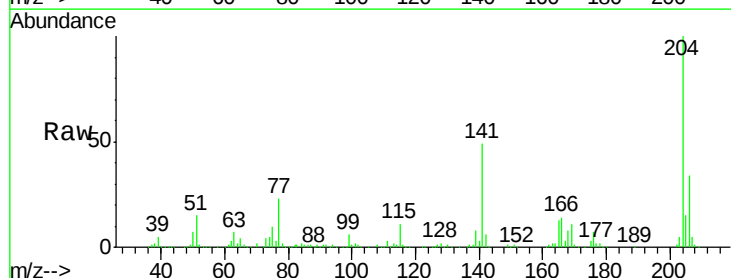
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

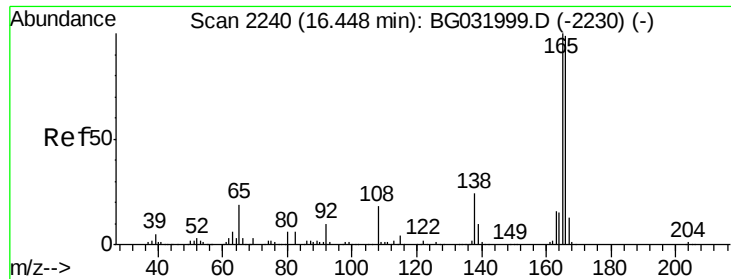
Tgt Ion:149 Resp: 669599
Ion Ratio Lower Upper
149 100
177 26.1 18.5 27.7
150 13.8 10.2 15.2



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

Tgt Ion:204 Resp: 408109
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 49.2 45.8 68.6

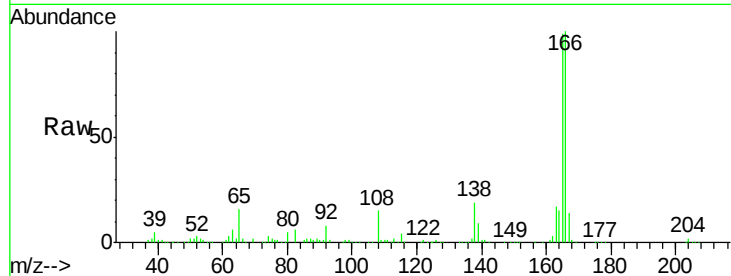




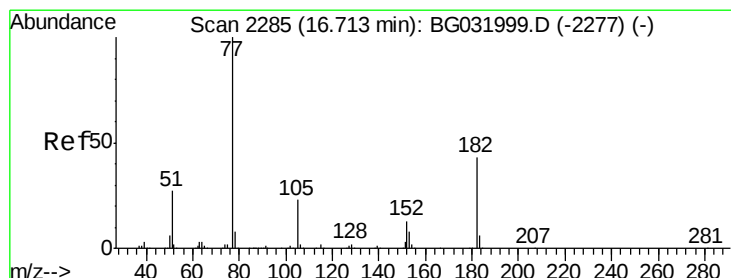
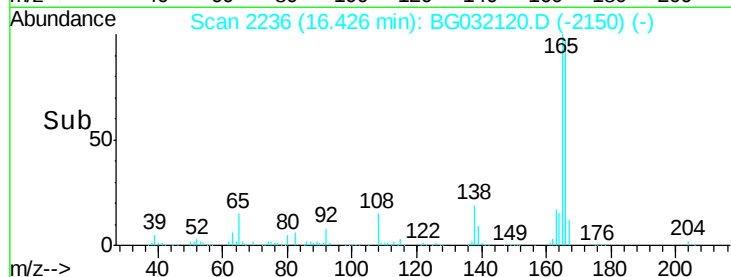
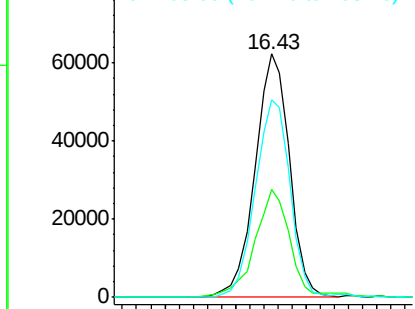
#61
4-Nitroaniline
Concen: 44.172 ng
RT: 16.43 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

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

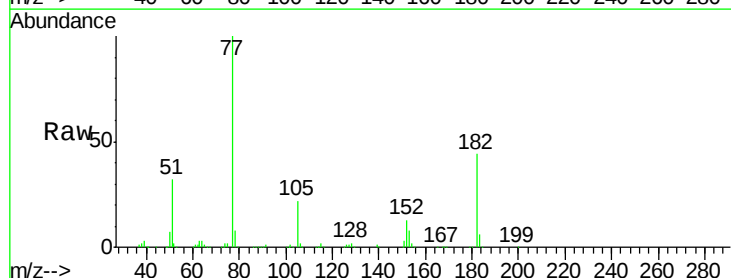


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

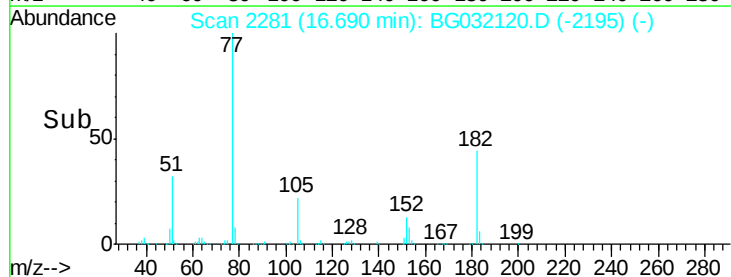
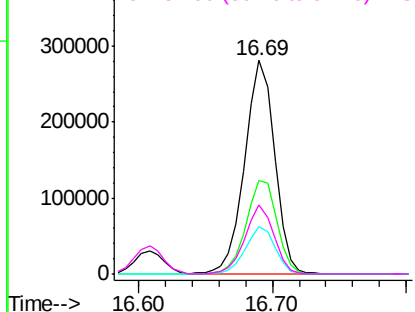


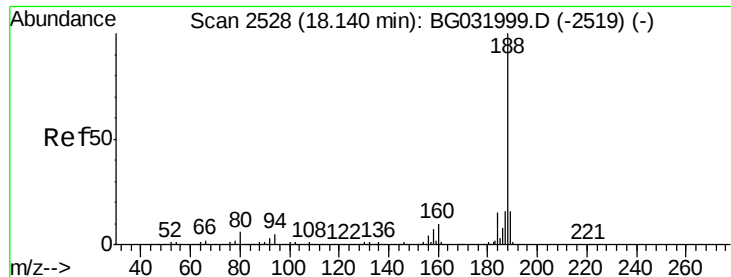
#62
Azobenzene
Concen: 53.407 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

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



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

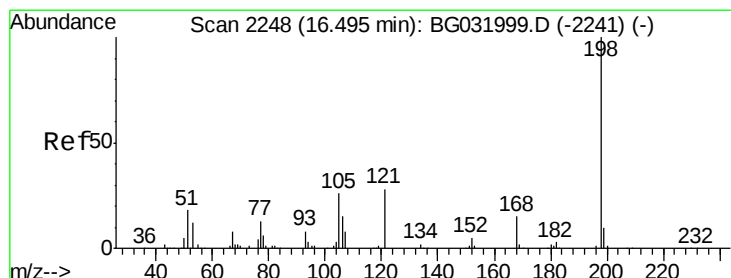
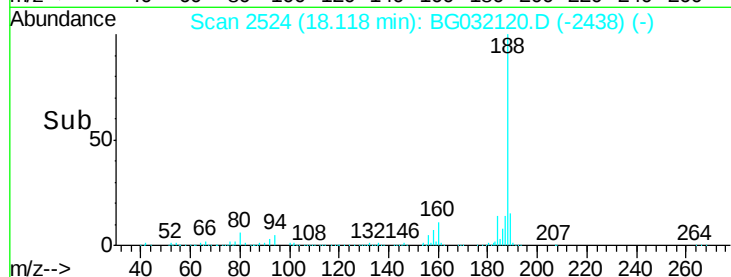
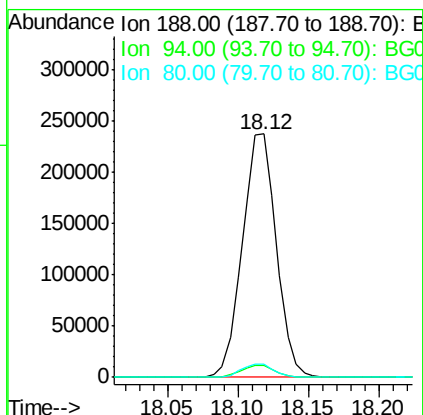
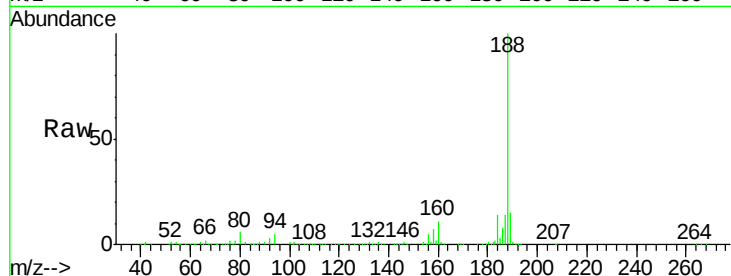




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.12 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

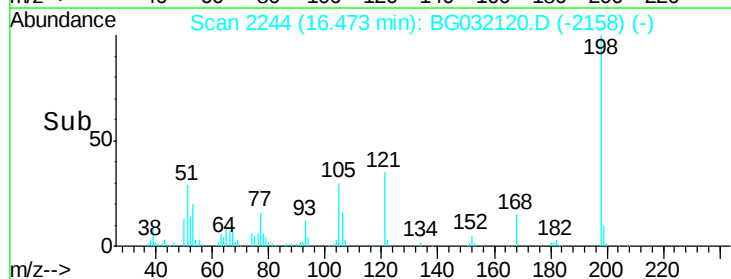
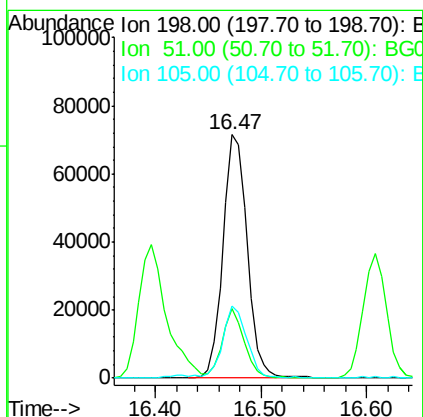
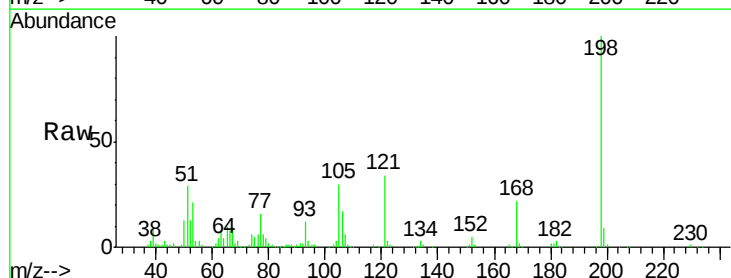
Instrument :
BNA_G
ClientSampleId :
SA-01-011618MSD

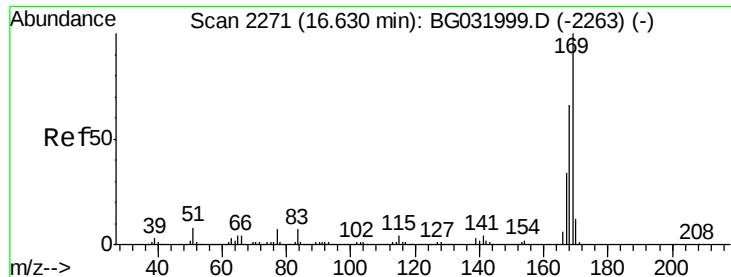
Tgt Ion:188 Resp: 398657
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 5.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.017 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BG032120.D
Acq: 18 Jan 2018 3:20

Tgt Ion:198 Resp: 114006
Ion Ratio Lower Upper
198 100
51 28.6 30.6 70.6#
105 29.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 49.432 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

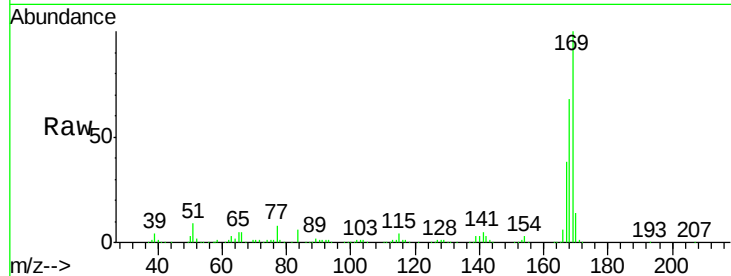
Tgt Ion:169 Resp: 597971

Ion Ratio Lower Upper

169 100

168 68.2 55.7 83.5

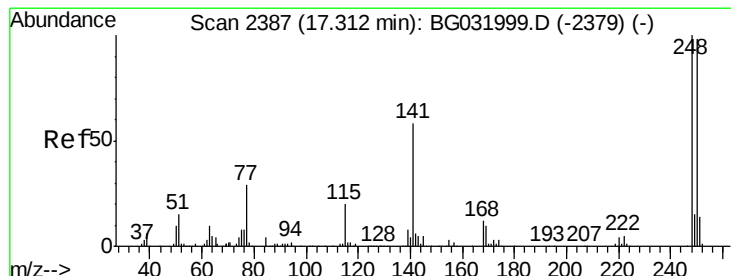
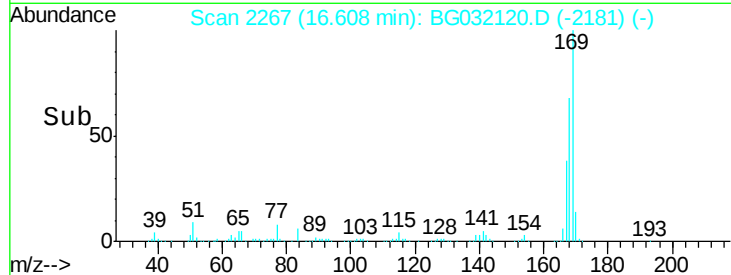
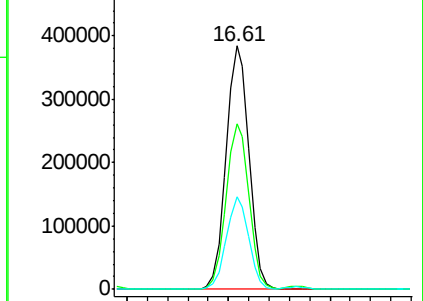
167 38.1 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.611 ng

RT: 17.29 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

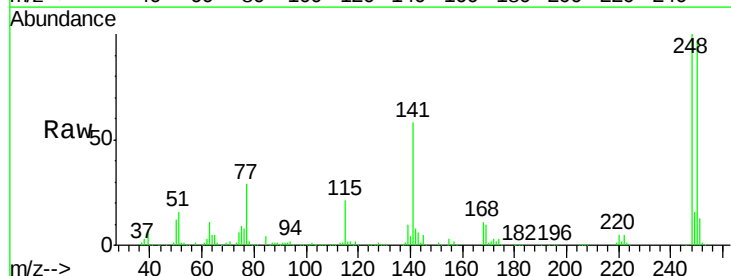
Tgt Ion:248 Resp: 298419

Ion Ratio Lower Upper

248 100

250 97.4 77.1 115.7

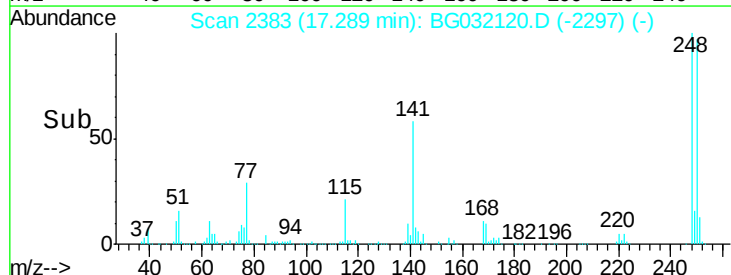
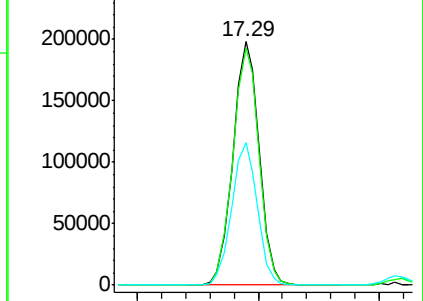
141 58.3 50.8 76.2

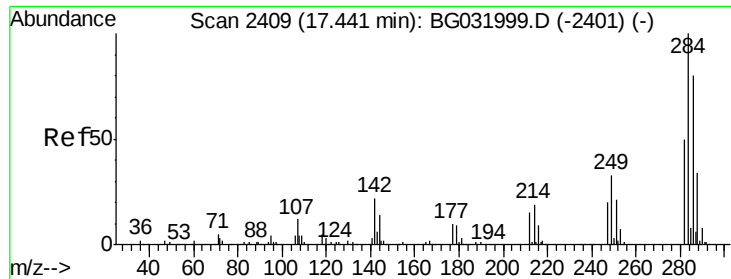


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.064 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

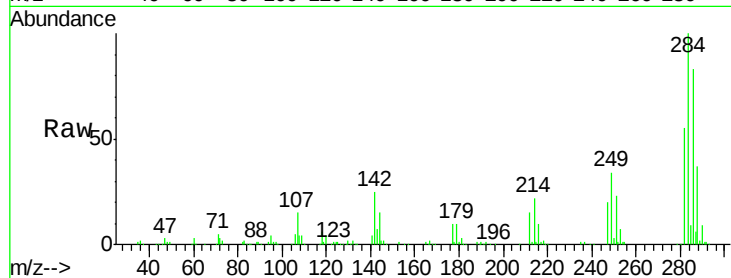
Tgt Ion:284 Resp: 295342

Ion Ratio Lower Upper

284 100

142 25.3 26.8 40.2#

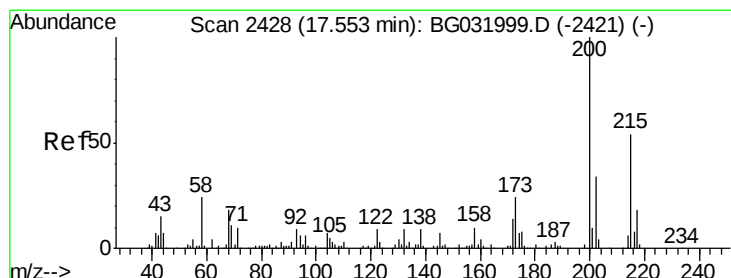
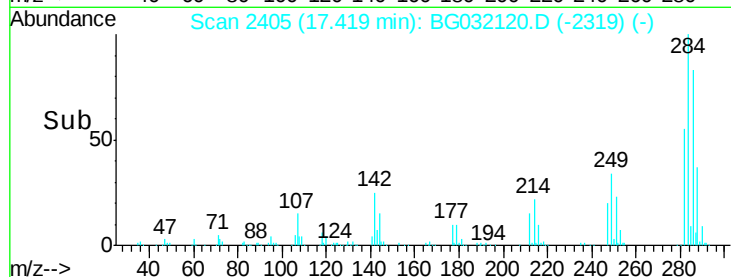
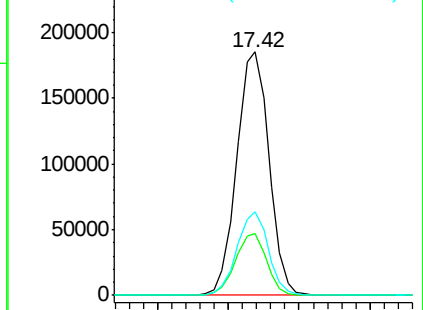
249 34.5 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.802 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

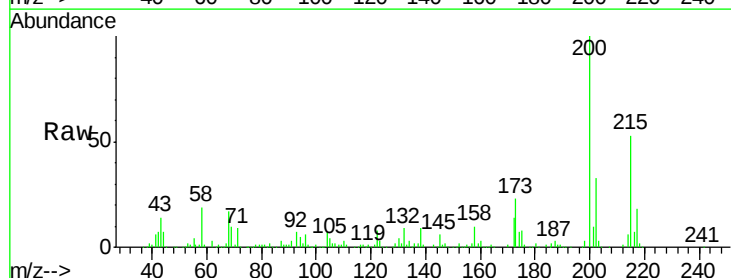
Tgt Ion:200 Resp: 273708

Ion Ratio Lower Upper

200 100

173 22.9 5.2 45.2

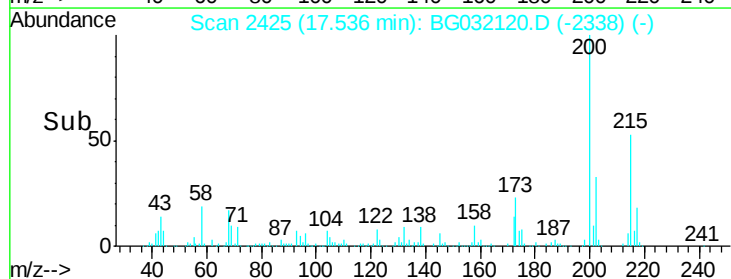
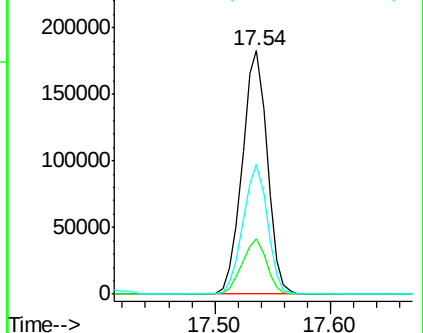
215 53.3 30.4 70.4

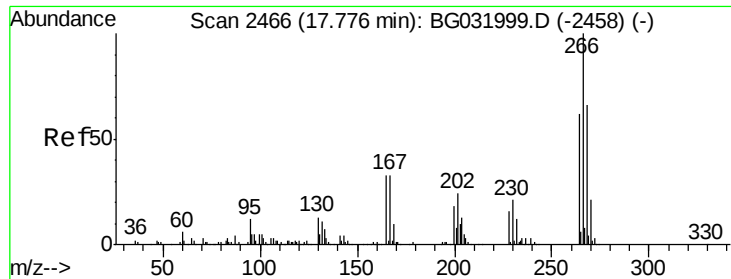


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

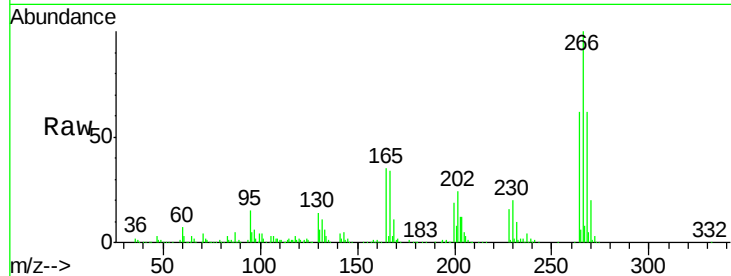




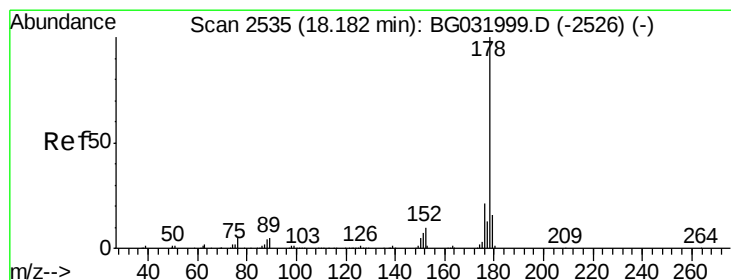
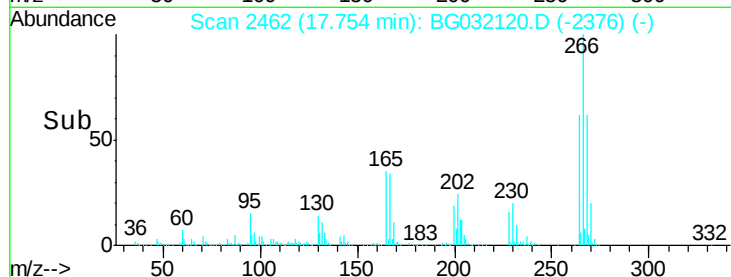
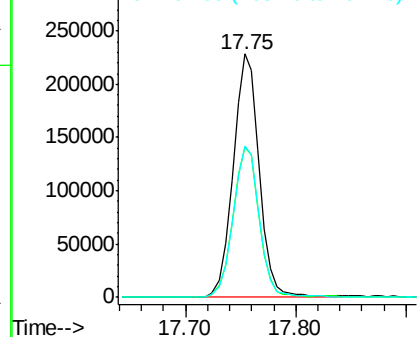
#69
 Pentachlorophenol
 Concen: 93.832 ng
 RT: 17.75 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

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

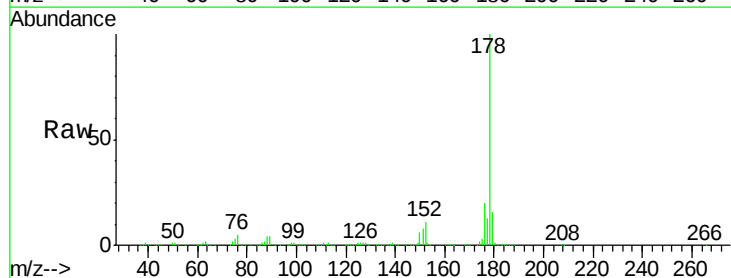


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

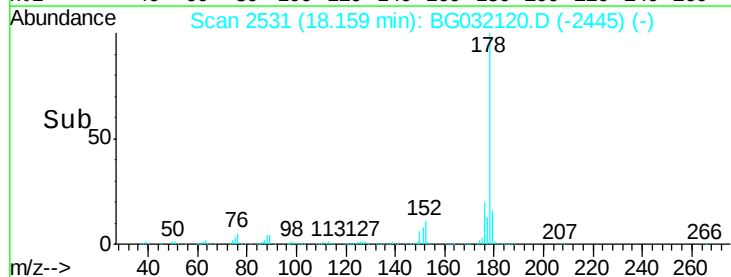
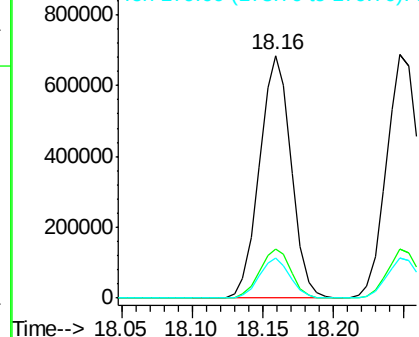


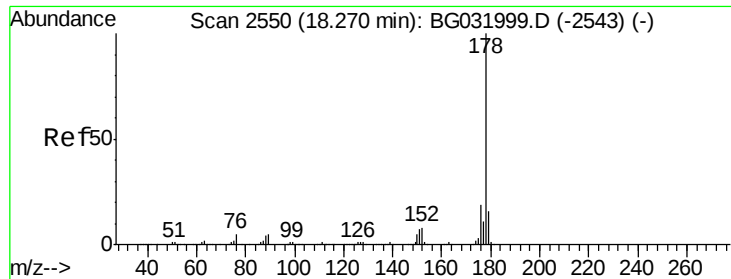
#70
 Phenanthrene
 Concen: 48.534 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

Tgt Ion:178 Resp: 1077254
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 16.4 12.5 18.7



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

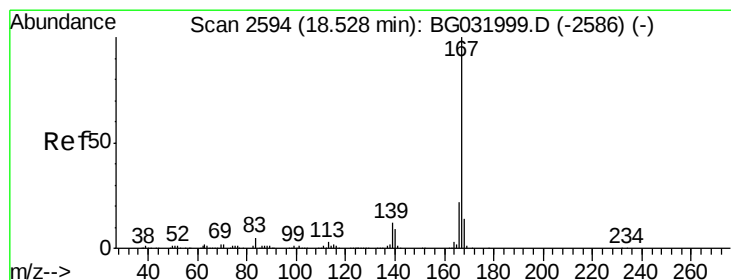
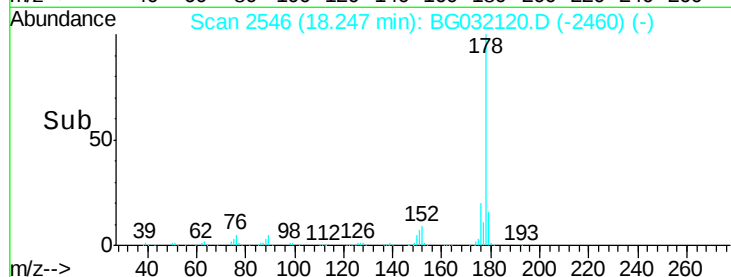
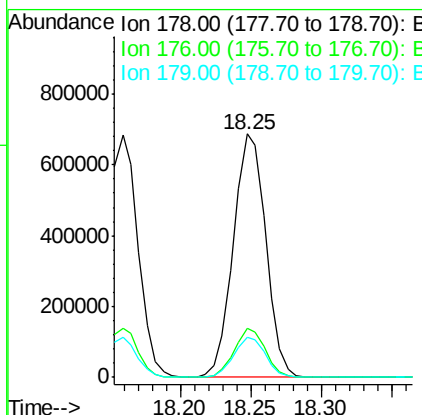
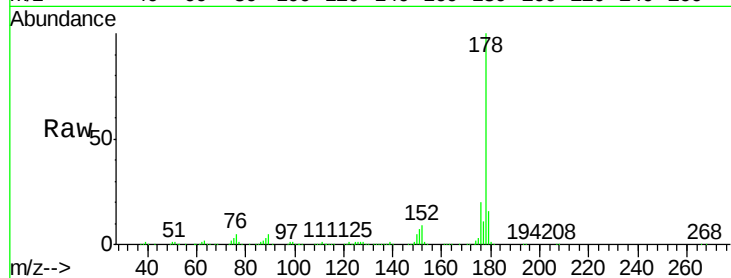




#71
 Anthracene
 Concen: 49.664 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

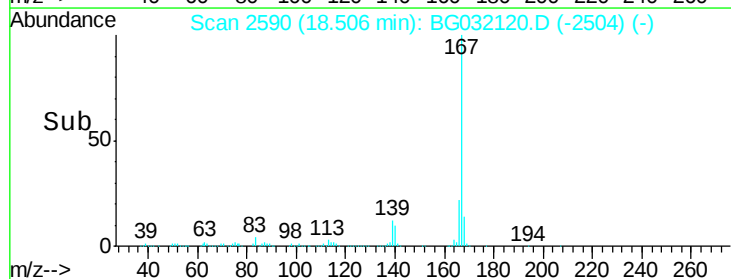
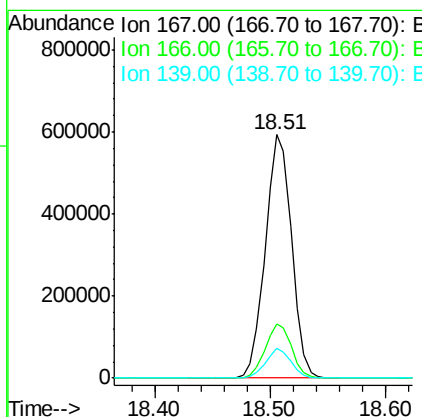
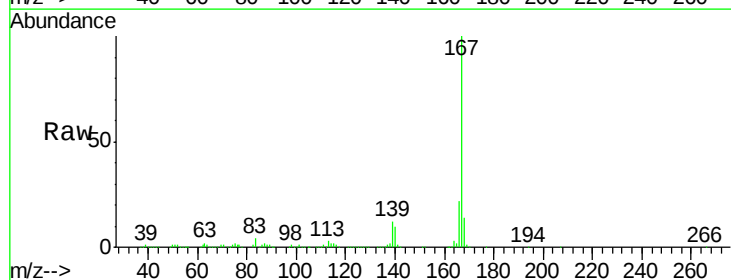
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

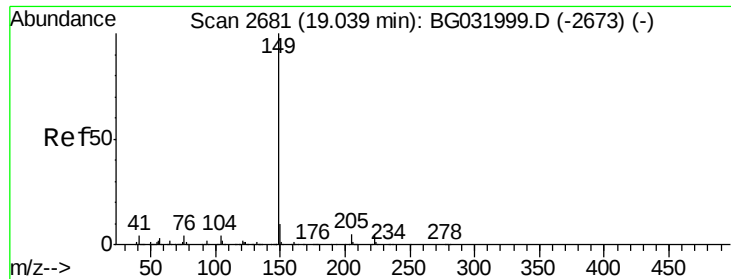
Tgt Ion:178 Resp: 1099443
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.3 12.5 18.7



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

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





#73

Di-n-butylphthalate

Concen: 47.929 ng

RT: 19.02 min Scan# 2677

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

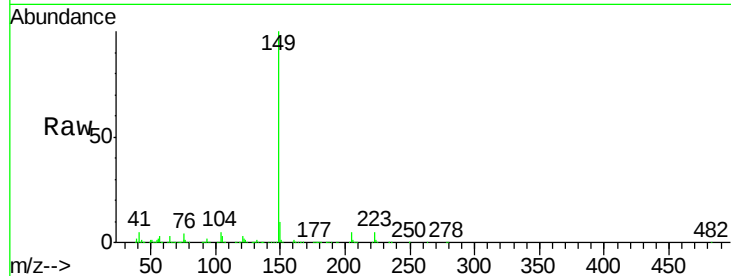
Tgt Ion:149 Resp: 1087632

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

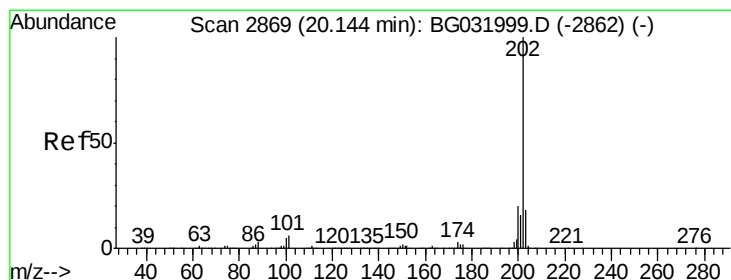
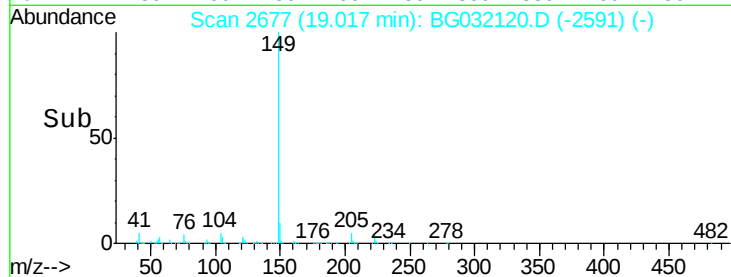
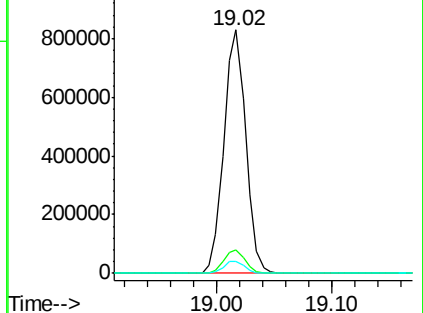
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.557 ng

RT: 20.12 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

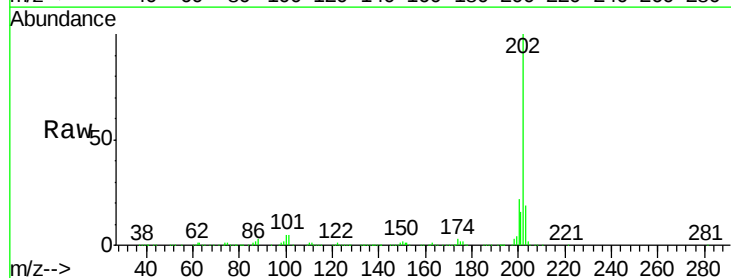
Tgt Ion:202 Resp: 1349418

Ion Ratio Lower Upper

202 100

101 5.3 0.0 28.9

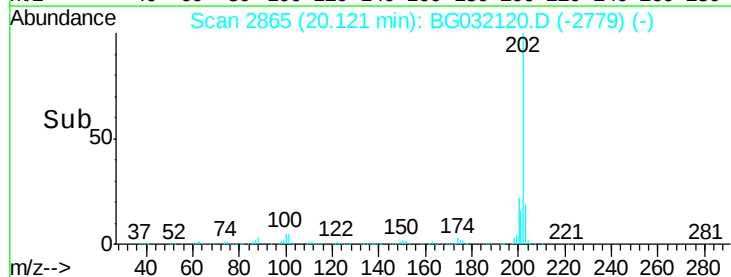
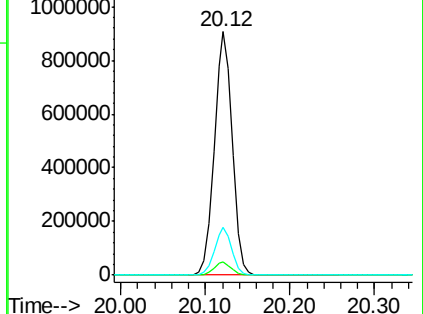
203 19.4 0.0 37.5

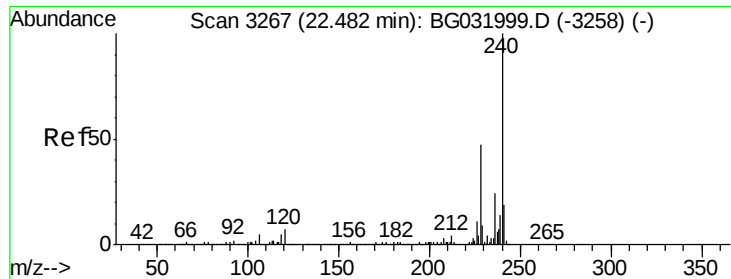


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3262

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

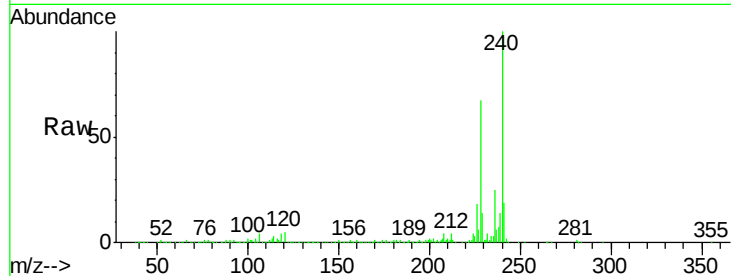
Tgt Ion:240 Resp: 455406

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

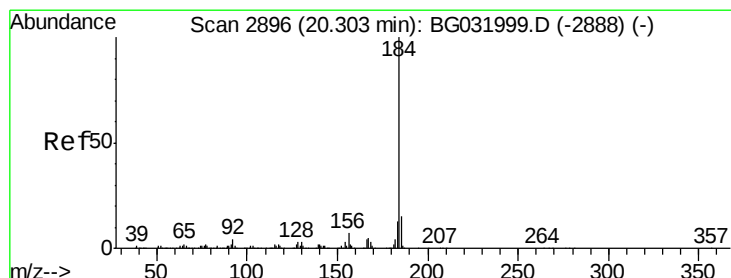
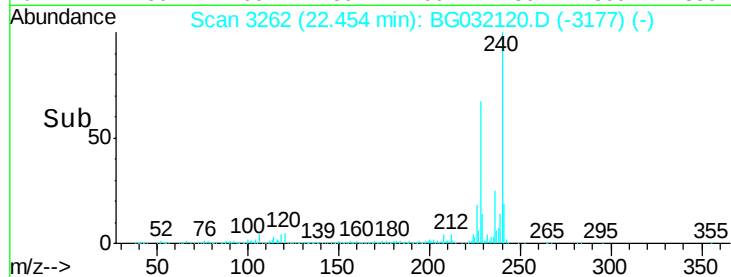
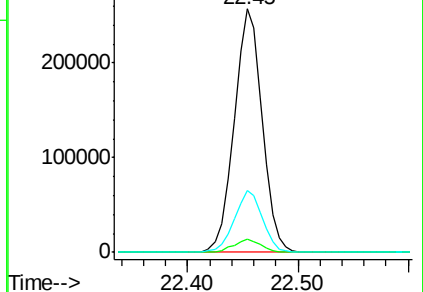
236 25.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.296 ng

RT: 20.28 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

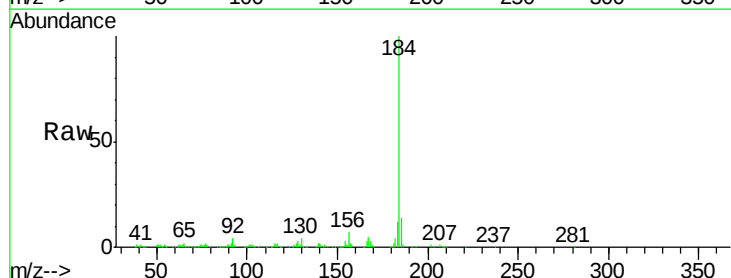
Tgt Ion:184 Resp: 219737

Ion Ratio Lower Upper

184 100

185 13.6 11.1 16.7

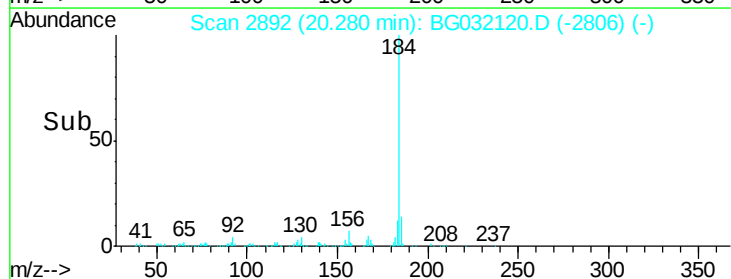
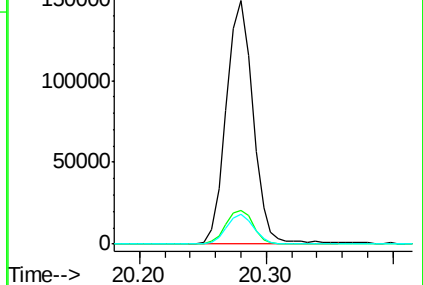
183 12.3 10.6 16.0

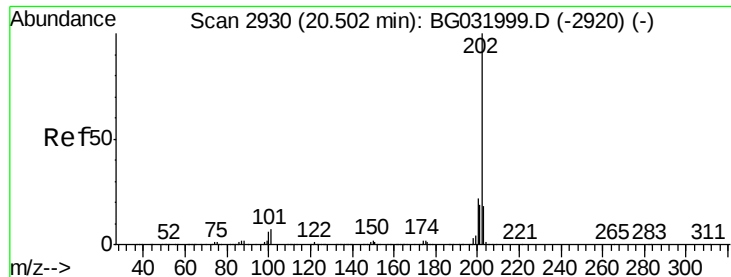


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.462 ng

RT: 20.48 min Scan# 2926

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

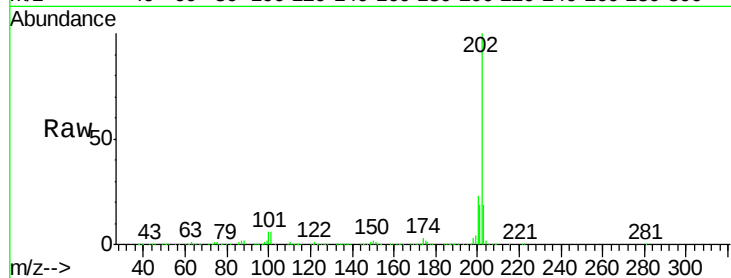
Tgt Ion:202 Resp: 1358768

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

202 100

200 23.2 16.9 25.3

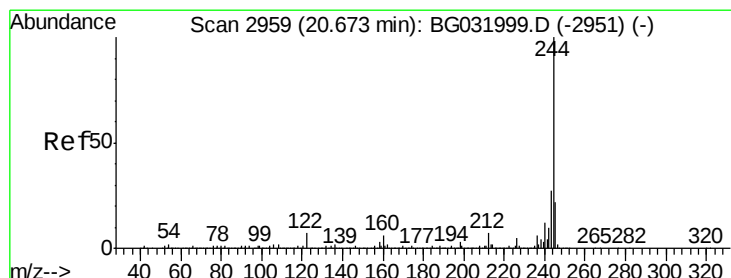
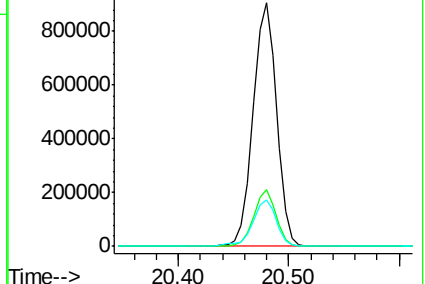
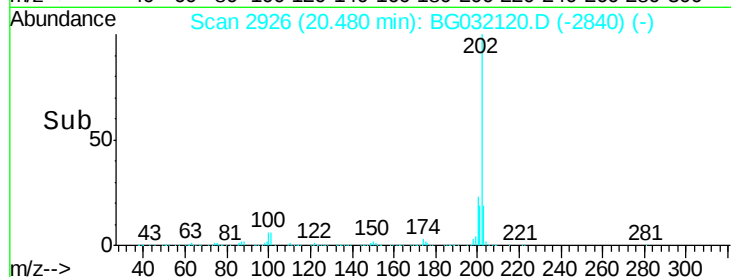
203 19.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.719 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

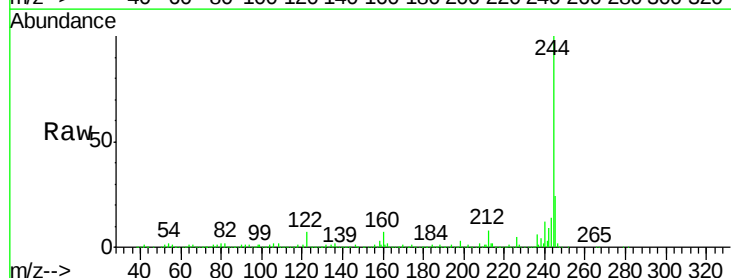
Tgt Ion:244 Resp: 2077319

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

244 100

212 8.2 5.8 8.8

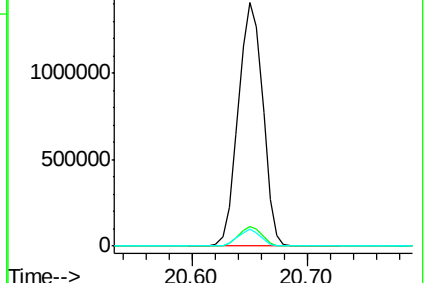
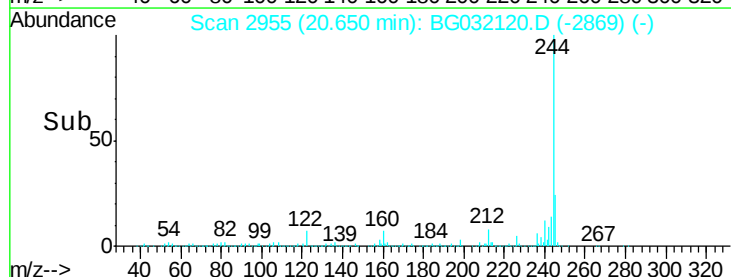
122 6.9 7.0 10.4#

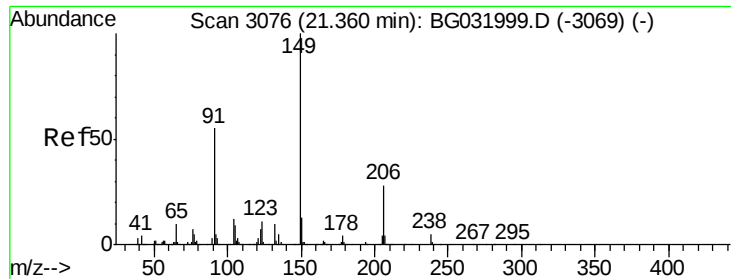


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.126 ng

RT: 21.34 min Scan# 3072

Delta R.T. -0.02 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

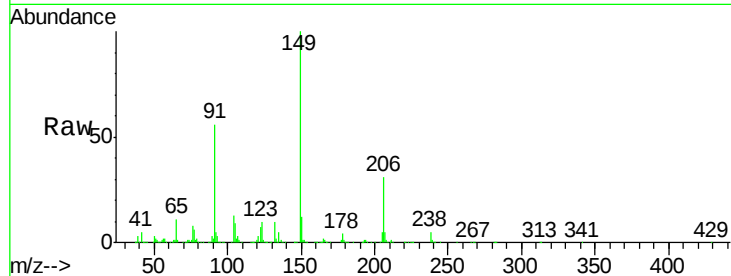
Tgt Ion:149 Resp: 493637

Ion Ratio Lower Upper

149 100

91 56.4 62.2 93.2#

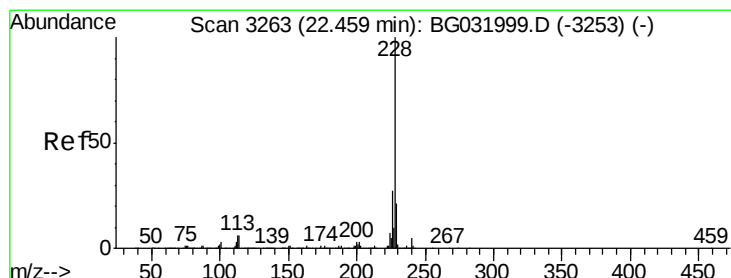
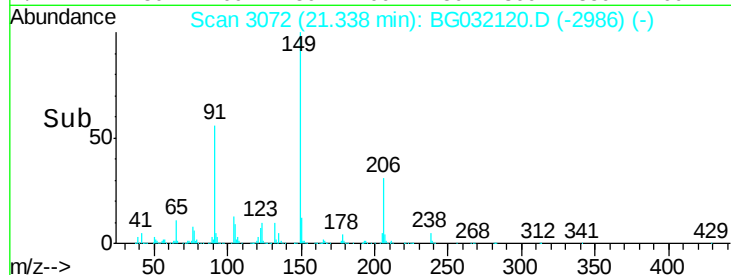
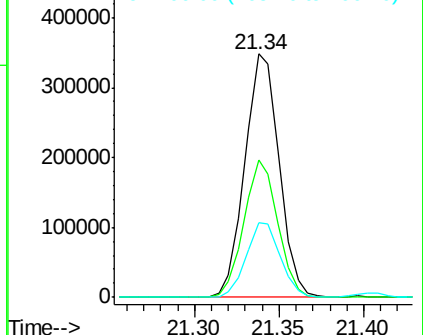
206 30.8 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.655 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.03 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

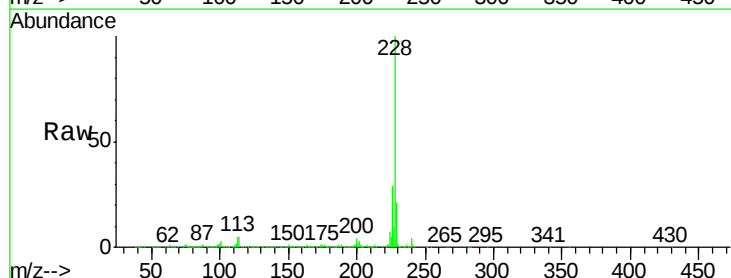
Tgt Ion:228 Resp: 1434643

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

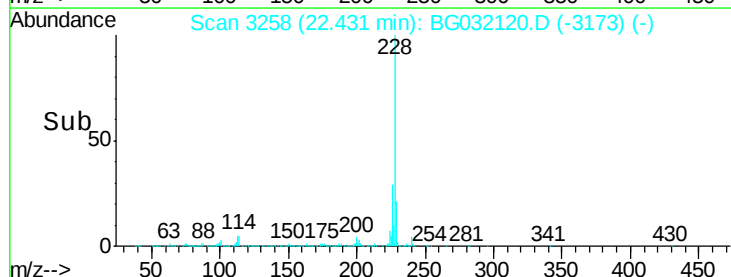
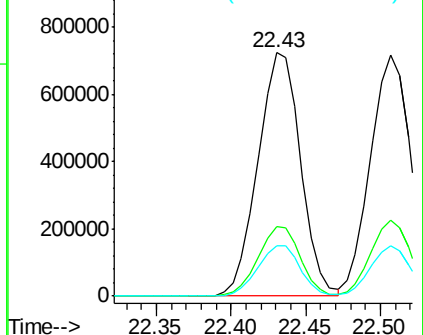
229 20.9 16.2 24.2

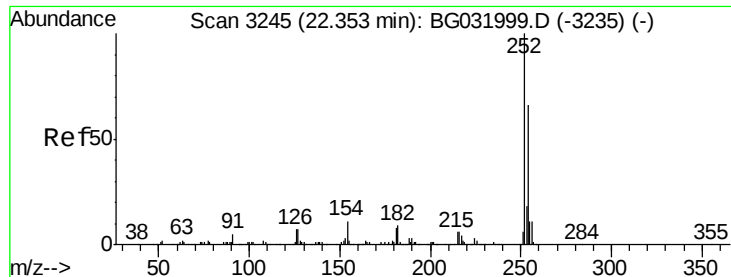


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

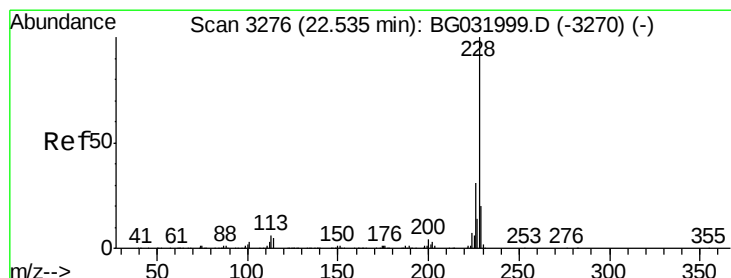
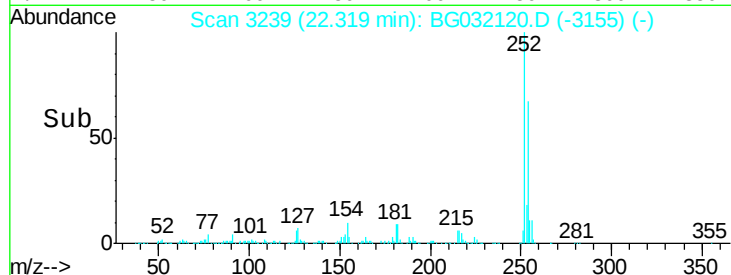
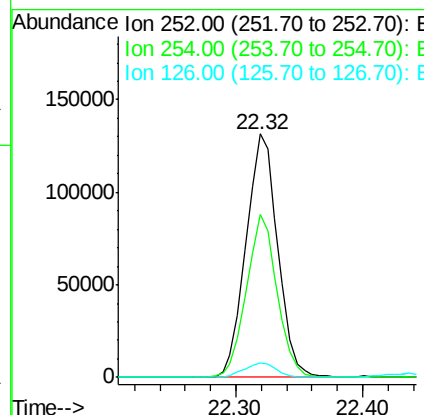
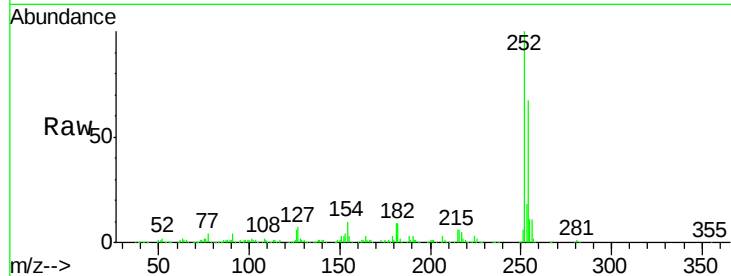




#81
 3,3'-Dichlorobenzidine
 Concen: 21.550 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

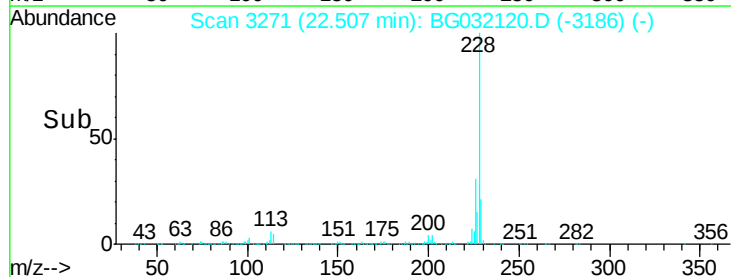
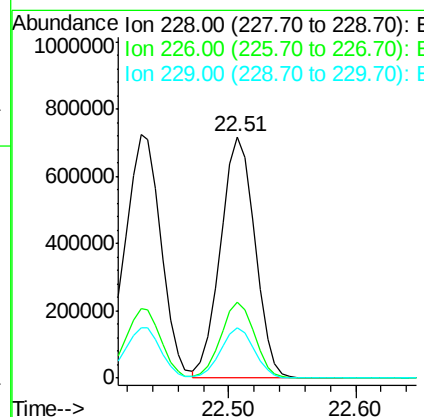
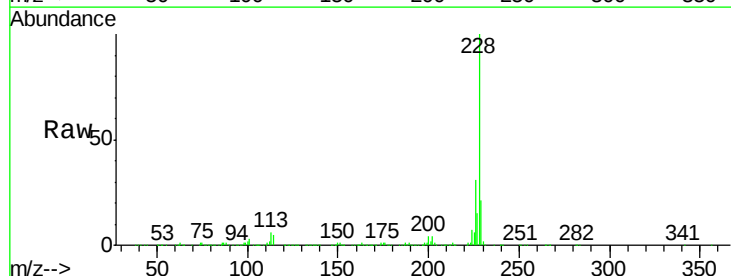
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

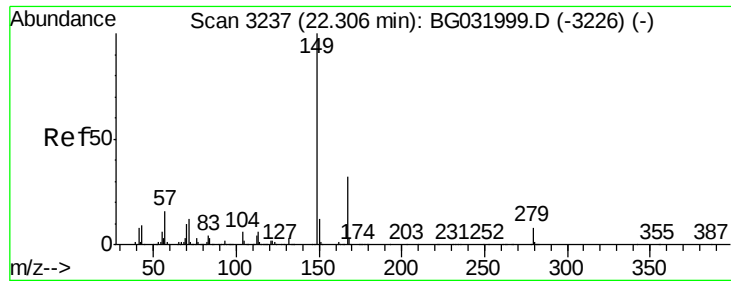
Tgt Ion: 252 Resp: 227994
 Ion Ratio Lower Upper
 252 100
 254 67.1 50.8 76.2
 126 6.1 7.4 11.2#



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

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

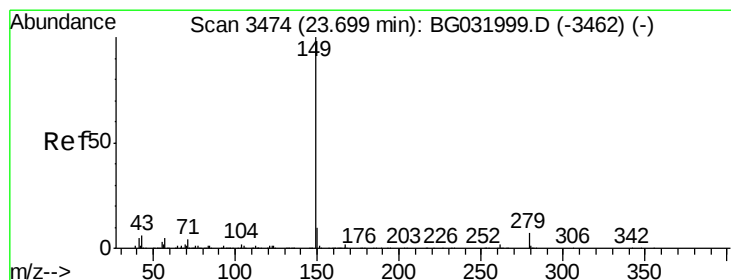
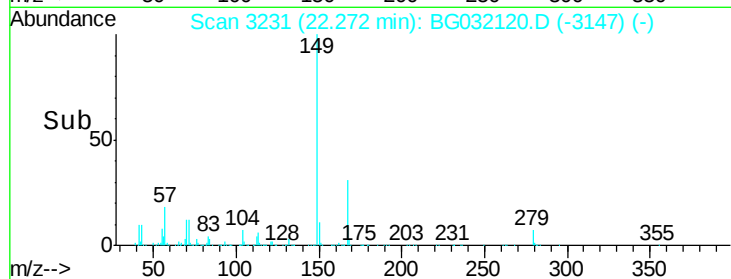
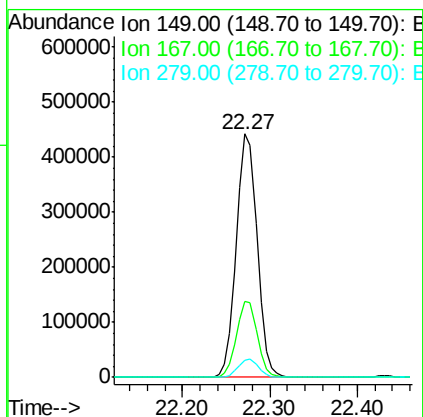
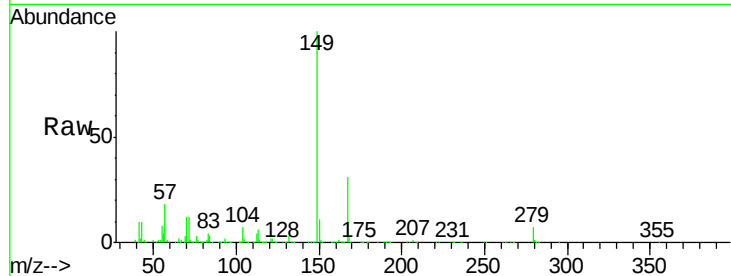




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.078 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.03 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

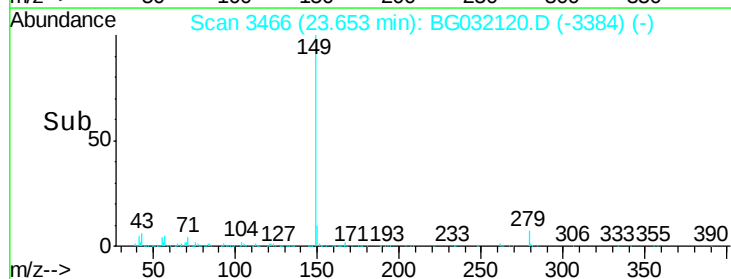
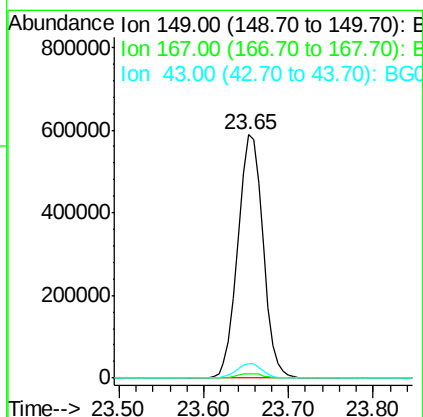
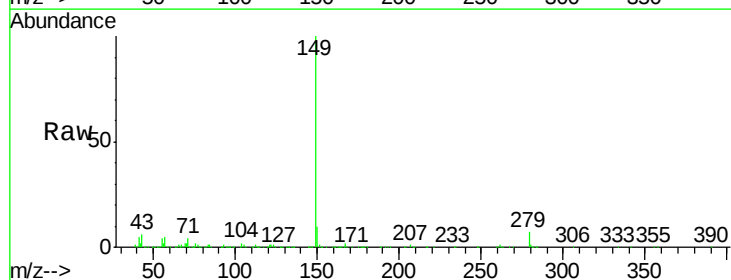
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

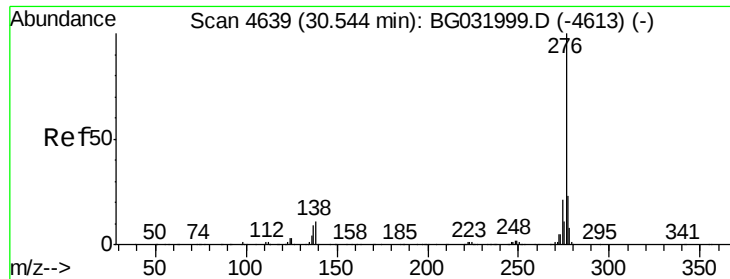
Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.3	36.5
279	7.1	4.0	6.0



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

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

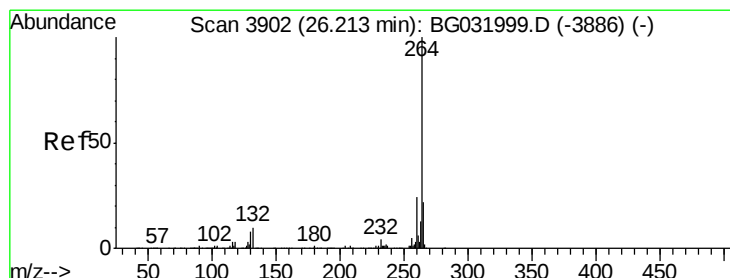
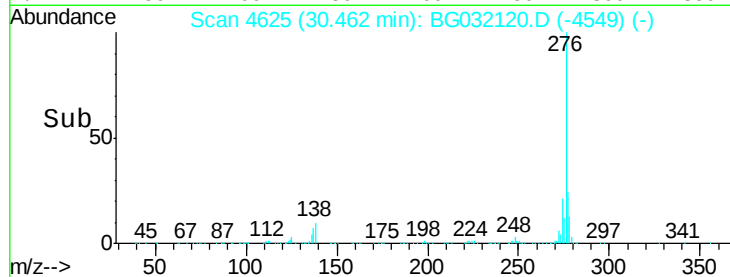
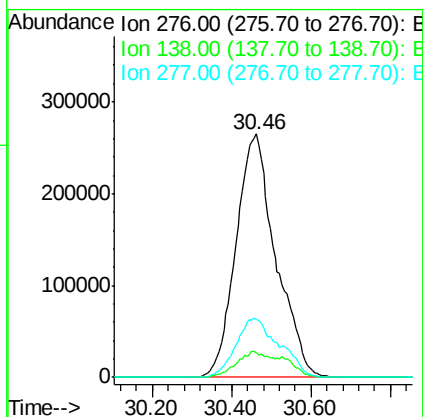
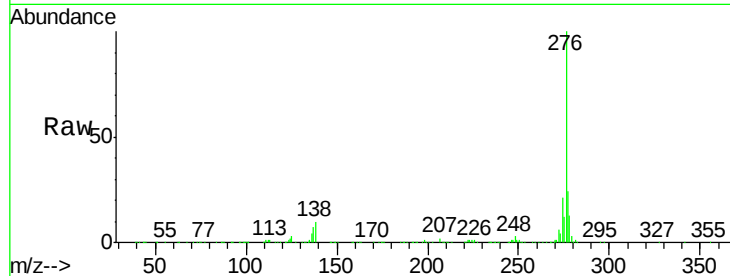




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.341 ng
 RT: 30.46 min Scan# 4625
 Delta R.T. -0.08 min
 Lab File: BG032120.D
 Acq: 18 Jan 2018 3:20

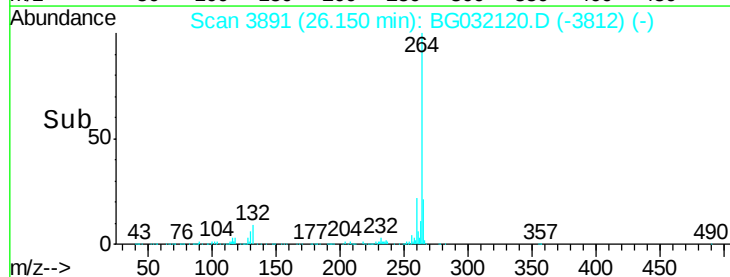
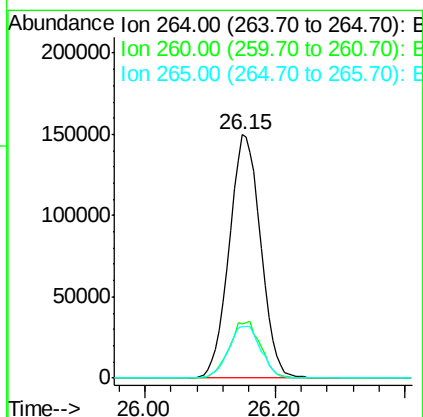
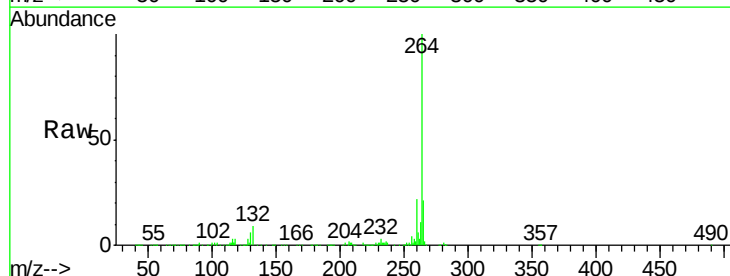
Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MSD

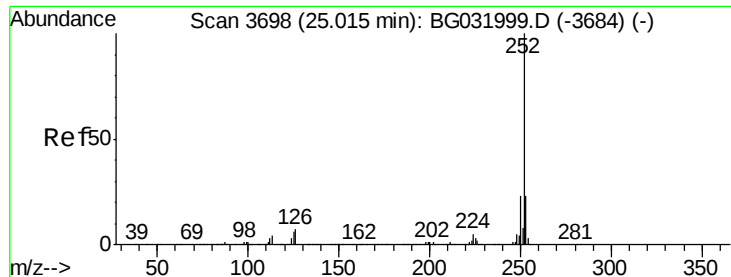
Tgt Ion:276 Resp: 1842102
 Ion Ratio Lower Upper
 276 100
 138 8.9 16.0 24.0#
 277 26.6 20.0 30.0



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

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





#87

Benzo(b)fluoranthene

Concen: 51.624 ng

RT: 24.97 min Scan# 3690

Delta R.T. -0.05 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

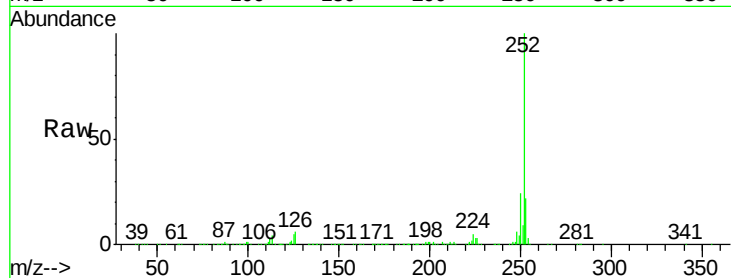
Tgt Ion:252 Resp: 1564667

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

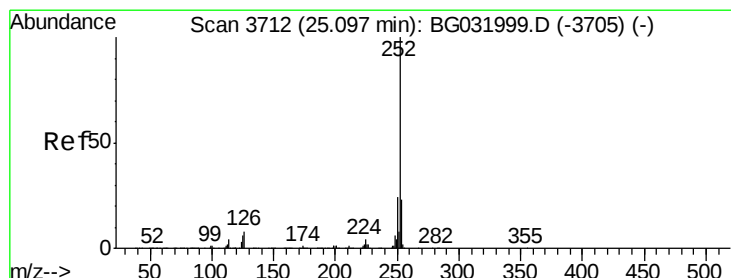
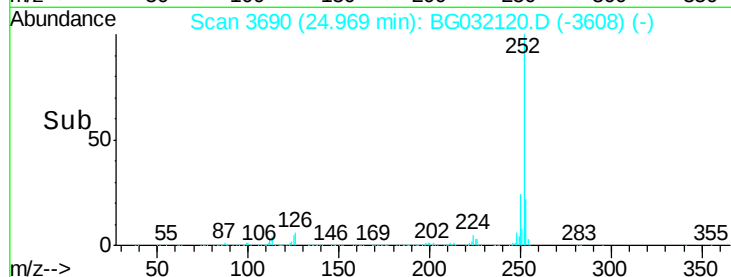
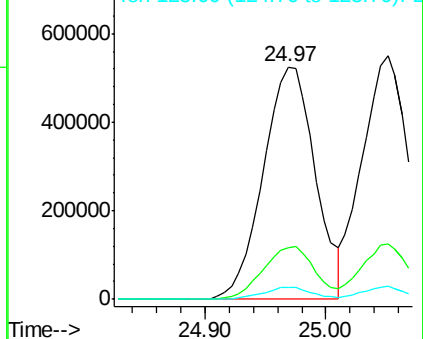
125 4.9 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.188 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.05 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

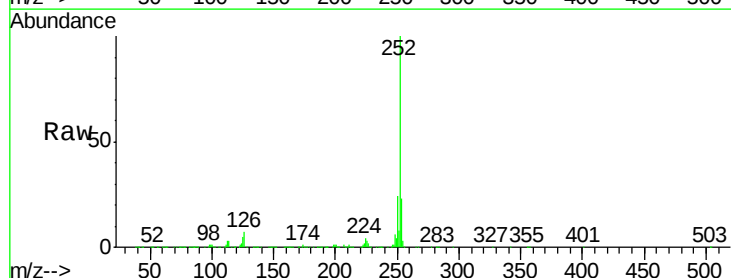
Tgt Ion:252 Resp: 1486401

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

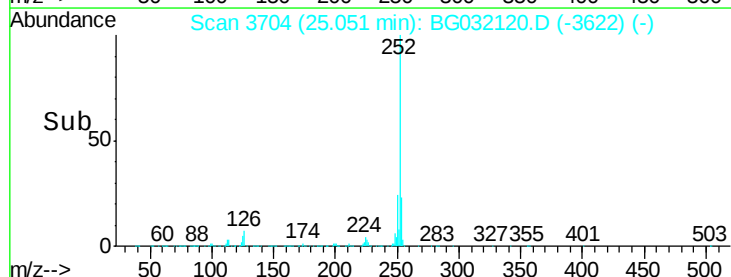
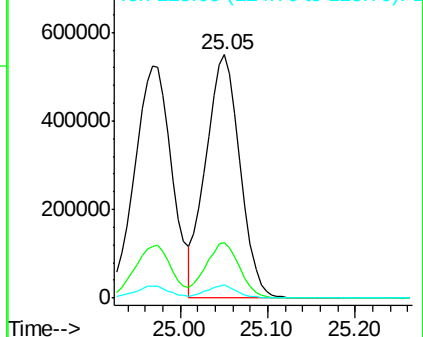
125 5.3 6.6 9.8#

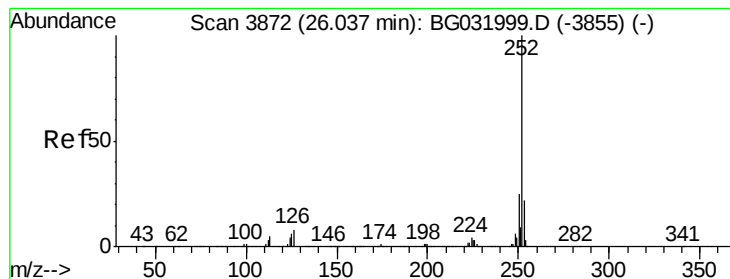


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.651 ng

RT: 25.99 min Scan# 3863

Delta R.T. -0.05 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

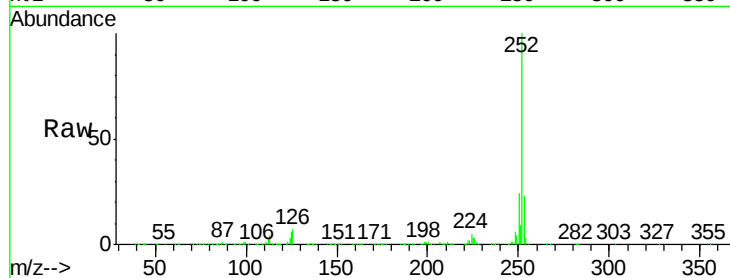
Tgt Ion:252 Resp: 1509573

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

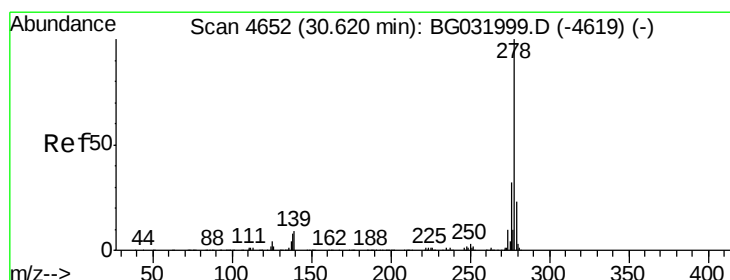
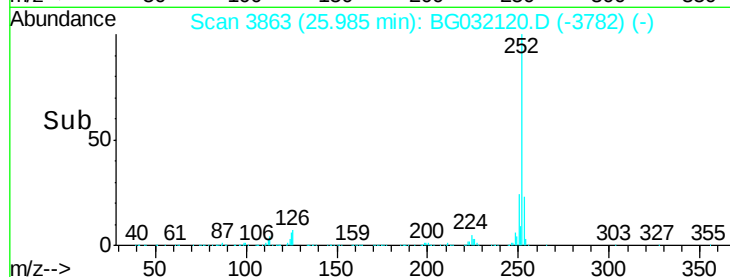
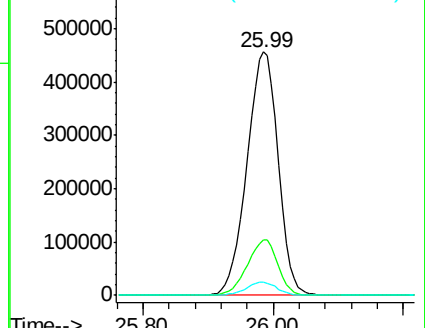
125 5.6 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 55.286 ng

RT: 30.53 min Scan# 4637

Delta R.T. -0.09 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

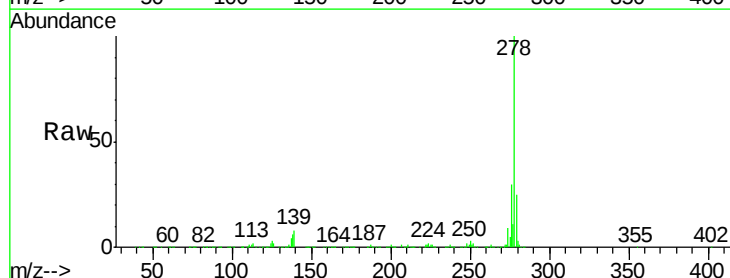
Tgt Ion:278 Resp: 1527472

Ion Ratio Lower Upper

278 100

139 8.3 9.8 14.6#

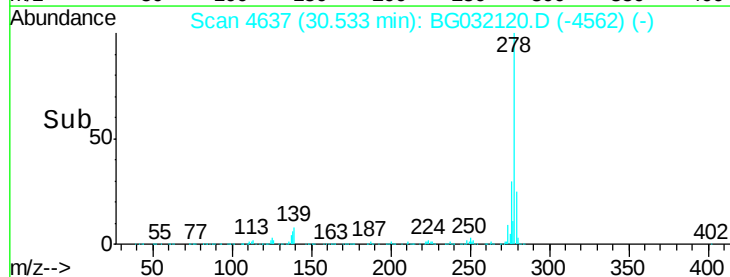
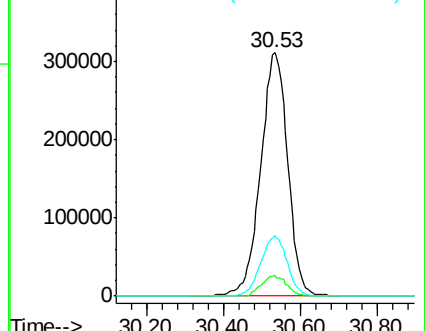
279 24.7 18.4 27.6

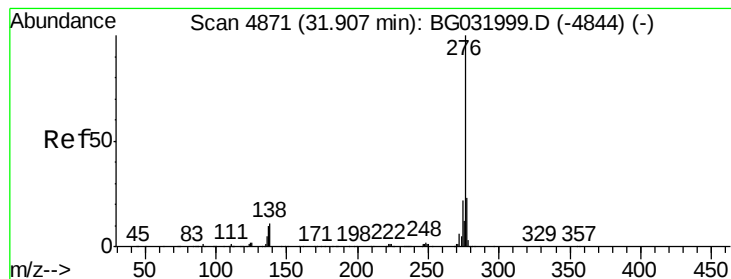


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 53.595 ng

RT: 31.81 min Scan# 4855

Delta R.T. -0.09 min

Lab File: BG032120.D

Acq: 18 Jan 2018 3:20

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MSD

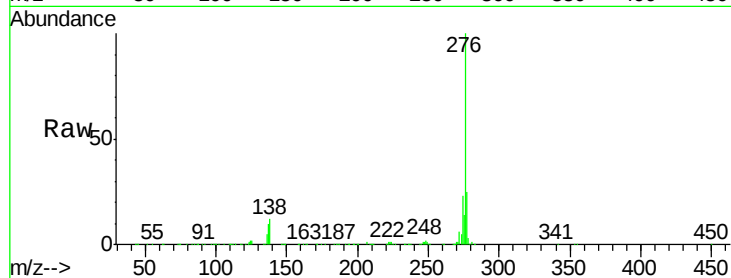
Tgt Ion: 276 Resp: 1513465

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 11.5 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

