

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045427.D
 Acq On : 19 May 2020 16:45
 Operator : CG/JU
 Sample : L2182-01
 Misc : SOIL - LOD - 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 20 01:01:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	79400	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	332012	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	240934	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	560631	20.00	ng	0.00
76) Chrysene-d12	21.62	240	570761	20.00	ng	0.00
87) Perylene-d12	24.76	264	612500	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	524349	129.06	ng	0.00
7) Phenol-d6	7.19	99	763849	132.09	ng	0.00
23) Nitrobenzene-d5	9.13	82	525376	86.29	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	434502	141.01	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1274380	89.72	ng	0.00
79) Terphenyl-d14	19.97	244	2350530	96.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	14379	7.137	ng	97
3) Pyridine	3.82	79	30156	5.374	ng	97
4) n-Nitrosodimethylamine	3.73	42	9575	5.215	ng	# 93
6) Aniline	7.29	93	50769	6.726	ng	96
8) 2-Chlorophenol	7.55	128	31899	7.160	ng	91
9) Benzaldehyde	7.09	77	31248	8.294	ng	93
10) Phenol	7.22	94	43348	7.273	ng	91
11) bis(2-Chloroethyl)ether	7.38	93	33198	7.141	ng	98
12) 1,3-Dichlorobenzene	7.85	146	36069	6.737	ng	90
13) 1,4-Dichlorobenzene	8.01	146	37488	7.095	ng	96
14) 1,2-Dichlorobenzene	8.32	146	35984	7.081	ng	92
15) Benzyl Alcohol	8.22	79	32291	6.760	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	31673	7.178	ng	97
17) 2-Methylphenol	8.46	107	29704	6.659	ng	95
18) Hexachloroethane	9.05	117	14026	6.931	ng	# 82
19) n-Nitroso-di-n-propylamine	8.77	70	30154	7.541	ng	# 88
20) 3+4-Methylphenols	8.46	107	29704	4.890	ng	82
22) Acetophenone	8.79	105	57891	7.357	ng	# 92
24) Nitrobenzene	9.17	77	44775	6.864	ng	# 95
25) Isophorone	9.69	82	85969	7.170	ng	98
26) 2-Nitrophenol	9.89	139	19098	6.844	ng	# 80
27) 2,4-Dimethylphenol	9.98	122	32270	7.797	ng	92
28) bis(2-Chloroethoxy)methane	10.18	93	45789	7.282	ng	# 92
29) 2,4-Dichlorophenol	10.46	162	33029	6.758	ng	87
30) 1,2,4-Trichlorobenzene	10.64	180	41123	7.121	ng	97
31) Naphthalene	10.82	128	108543	7.016	ng	99
32) Benzoic acid	10.11	122	12562	5.054	ng	# 86
33) 4-Chloroaniline	10.94	127	45029	6.963	ng	98
34) Hexachlorobutadiene	11.11	225	26322	6.448	ng	98
35) Caprolactam	11.68	113	13711	7.643	ng	86
36) 4-Chloro-3-methylphenol	12.11	107	40305	7.319	ng	98
37) 2-Methylnaphthalene	12.43	142	86477	7.499	ng	95
38) 1-Methylnaphthalene	12.43	142	86477	7.939	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	48094	7.147	ng	98

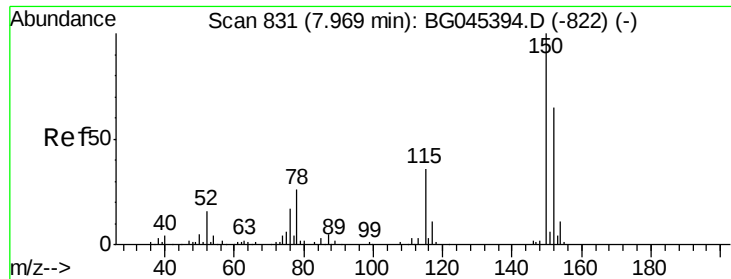
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045427.D
 Acq On : 19 May 2020 16:45
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	20840	5.365	ng	93
43) 2,4,6-Trichlorophenol	13.06	196	31972	6.839	ng	97
44) 2,4,5-Trichlorophenol	13.15	196	33759	6.319	ng	93
46) 1,1'-Biphenyl	13.44	154	111627	7.540	ng	99
47) 2-Chloronaphthalene	13.48	162	86727	7.214	ng	96
48) 2-Nitroaniline	13.69	65	25269	6.390	ng	# 80
49) Acenaphthylene	14.33	152	149081	7.720	ng	# 96
50) Dimethylphthalate	14.06	163	126839	7.674	ng	# 95
51) 2,6-Dinitrotoluene	14.18	165	29301	7.857	ng	92
52) Acenaphthene	14.67	154	84657	6.550	ng	94
53) 3-Nitroaniline	14.52	138	23883	6.300	ng	# 92
54) 2,4-Dinitrophenol	14.73	184	3561	1.644	ng	# 85
55) Dibenzofuran	15.01	168	148142	7.718	ng	97
56) 4-Nitrophenol	14.91	139	16123	5.617	ng	94
57) 2,4-Dinitrotoluene	14.97	165	40130	7.430	ng	92
58) Fluorene	15.65	166	121890	7.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	29042	6.179	ng	90
60) Diethylphthalate	15.42	149	136065	7.909	ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	65582	7.268	ng	97
62) 4-Nitroaniline	15.69	138	29371	7.421	ng	# 83
63) Azobenzene	15.94	77	122231	7.620	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	16871	5.167	ng	98
66) n-Nitrosodiphenylamine	15.87	169	111882	8.312	ng	96
67) 4-Bromophenyl-phenylether	16.54	248	42786	7.048	ng	97
68) Hexachlorobenzene	16.66	284	50237	7.912	ng	95
69) Atrazine	16.82	200	43896	7.917	ng	95
70) Pentachlorophenol	17.03	266	7631	2.315	ng	94
71) Phenanthrene	17.40	178	207863	8.493	ng	99
72) Anthracene	17.49	178	217177	8.836	ng	97
73) Carbazole	17.77	167	201548	8.413	ng	95
74) Di-n-butylphthalate	18.32	149	244309	8.496	ng	97
75) Fluoranthene	19.41	202	273361	8.781	ng	98
77) Benzidine	19.59	184	116464	7.265	ng	97
78) Pyrene	19.77	202	279981	8.605	ng	99
80) Butylbenzylphthalate	20.66	149	111330	7.928	ng	100
81) Benzo(a)anthracene	21.59	228	269762	8.484	ng	97
82) 3,3'-Dichlorobenzidine	21.52	252	107074	8.585	ng	100
83) Chrysene	21.66	228	260043	8.506	ng	96
84) Bis(2-ethylhexyl)phthalate	21.51	149	157314	8.149	ng	98
85) Di-n-octyl phthalate	22.70	149	268800	8.107	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	311212	7.784	ng	# 98
88) Benzo(b)fluoranthene	23.77	252	268827	8.184	ng	97
89) Benzo(k)fluoranthene	23.83	252	263254	8.530	ng	98
90) Benzo(a)pyrene	24.62	252	244245	7.984	ng	# 98
91) Dibenzo(a,h)anthracene	28.40	278	257295	8.369	ng	96
92) Benzo(g,h,i)perylene	29.46	276	257570	8.377	ng	96

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

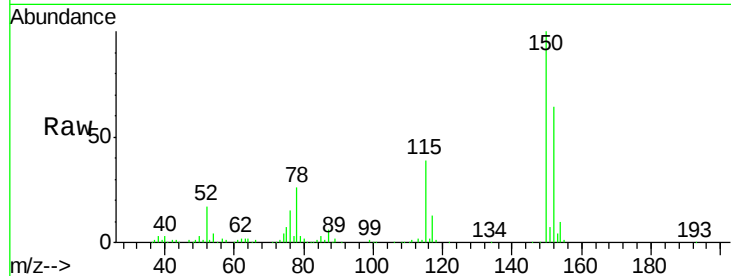


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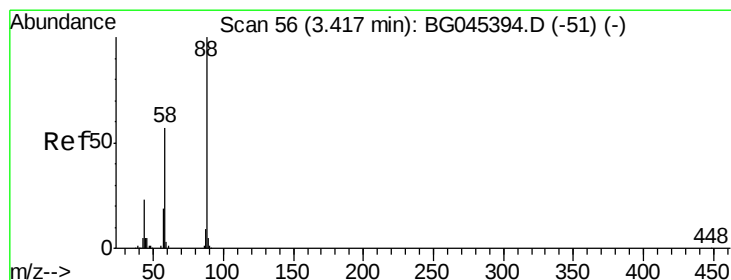
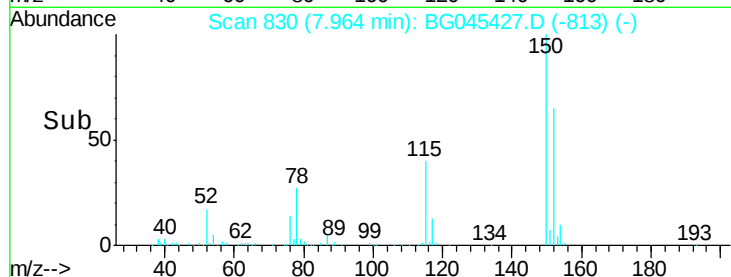
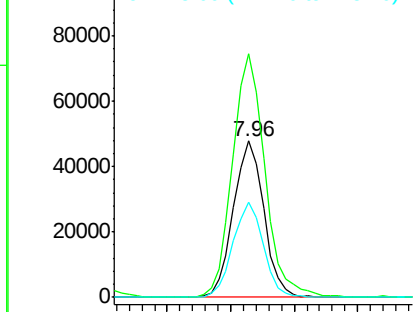
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 79400
Ion Ratio Lower Upper
152 100
150 155.8 122.4 183.6
115 61.0 44.2 66.4



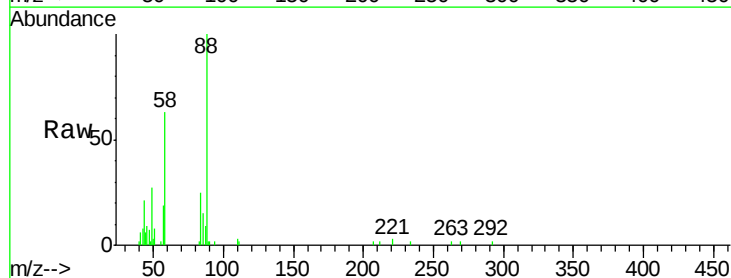
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



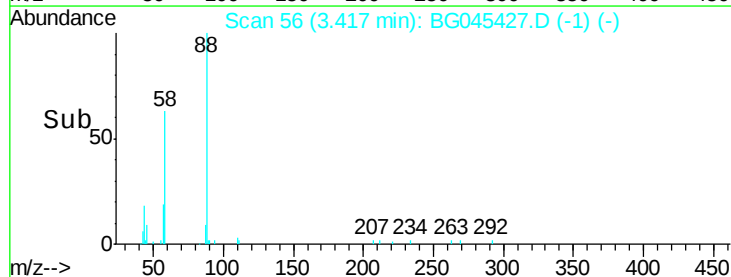
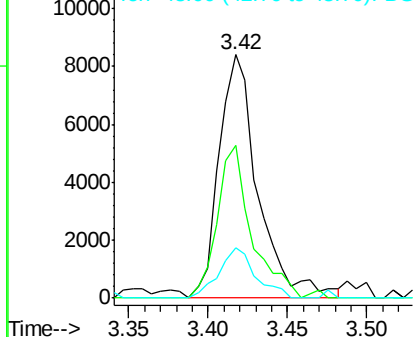
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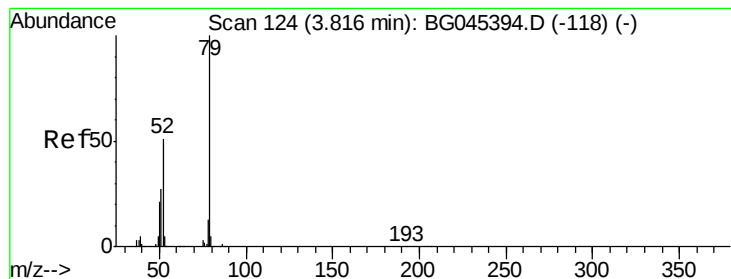
1,4-Dioxane
Concen: 7.137 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion: 88 Resp: 14379
Ion Ratio Lower Upper
88 100
58 55.2 45.7 68.5
43 19.3 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 5.374 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

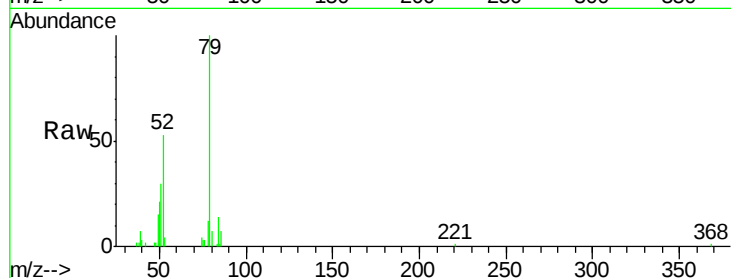
Tot Ion: 79 Resp: 30156

Ion Ratio Lower Upper

79 100

52 52.7 40.8 61.2

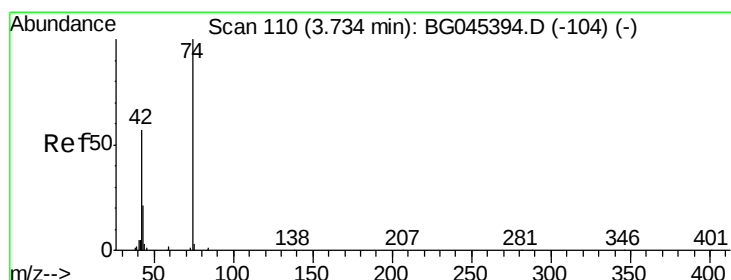
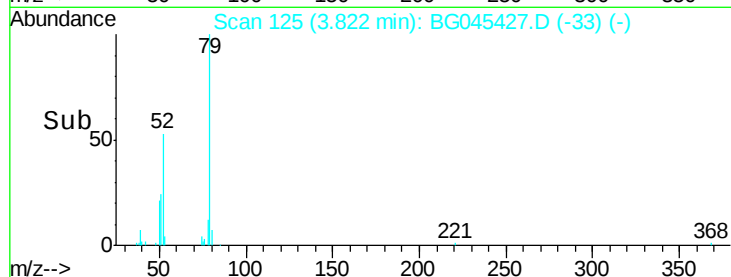
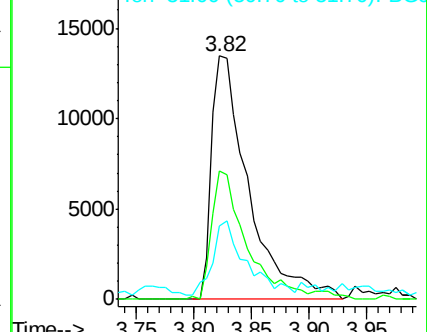
51 30.1 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 5.215 ng

RT: 3.73 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

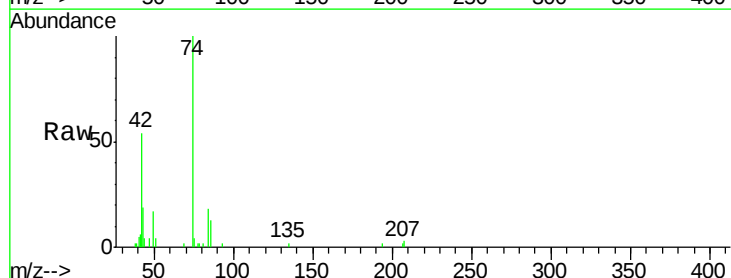
Tgt Ion: 42 Resp: 9575

Ion Ratio Lower Upper

42 100

74 186.2 141.3 211.9

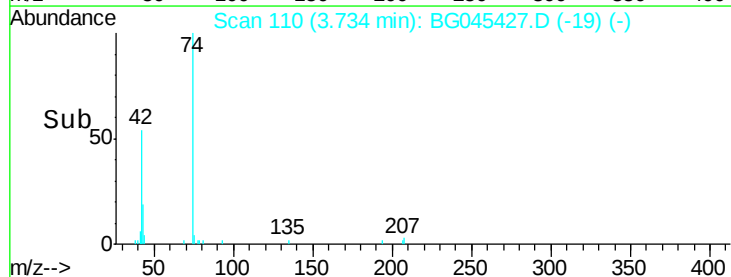
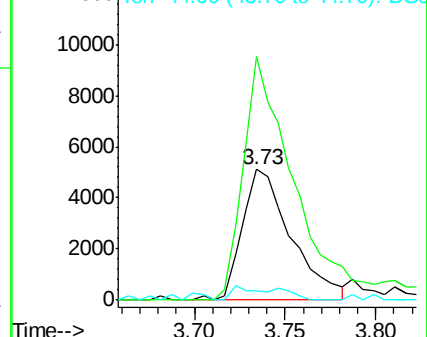
44 7.6 4.2 6.4#

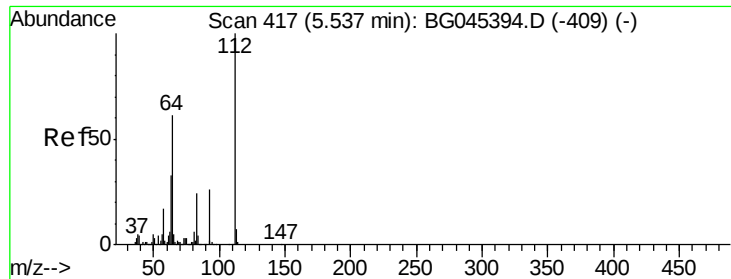


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.060 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

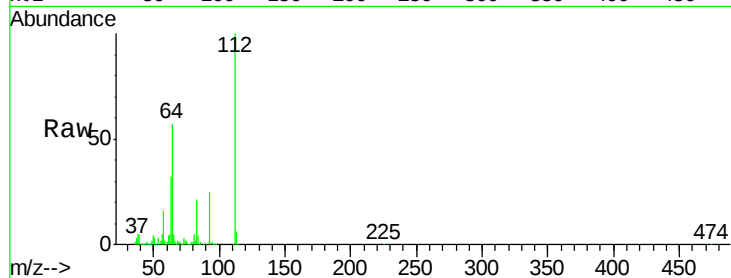
Tot Ion:112 Resp: 524349

Ion Ratio Lower Upper

112 100

64 57.1 48.6 72.8

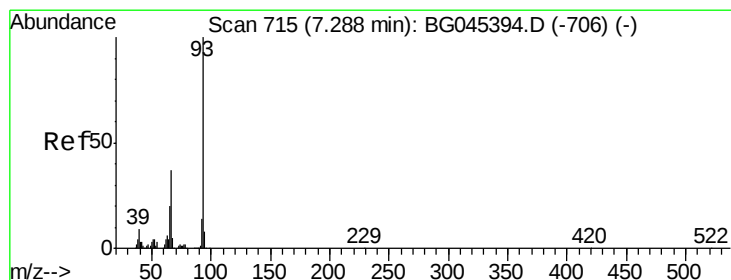
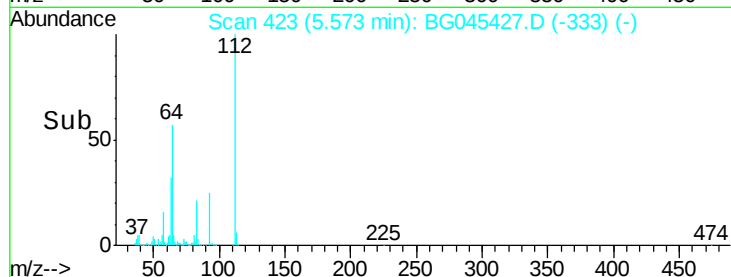
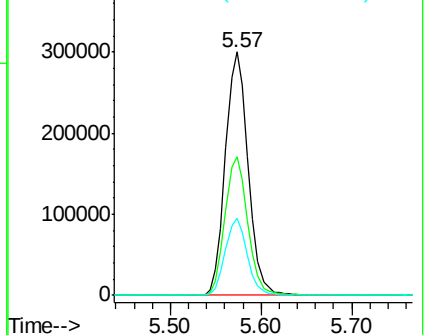
63 31.9 26.5 39.7



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: 6.726 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

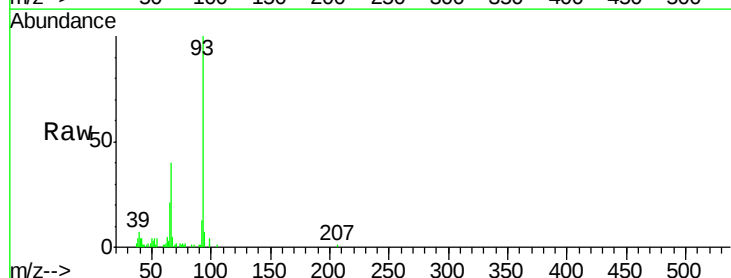
Tgt Ion: 93 Resp: 50769

Ion Ratio Lower Upper

93 100

66 39.9 29.6 44.4

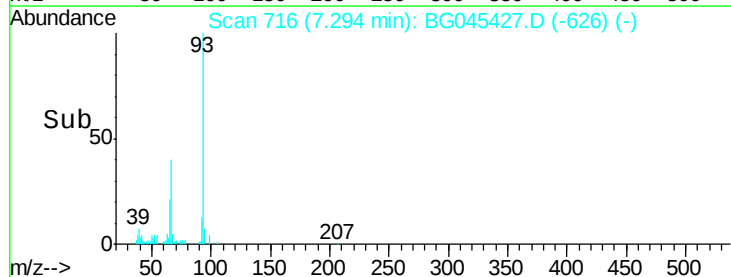
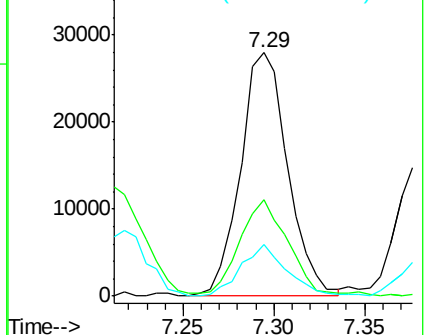
65 21.4 15.9 23.9

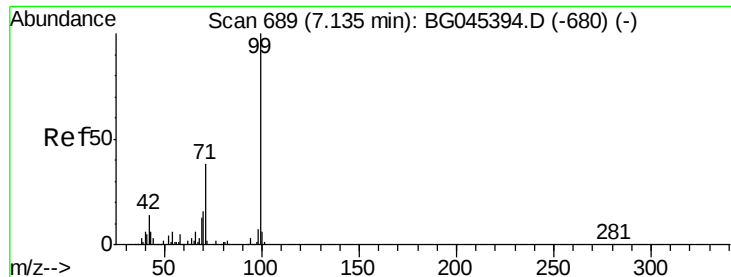


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.093 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

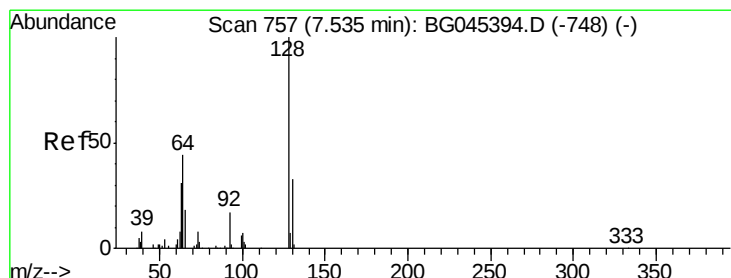
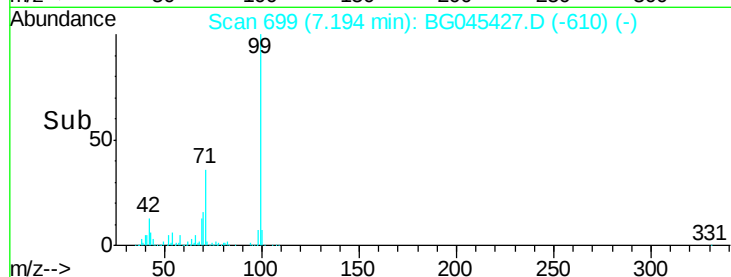
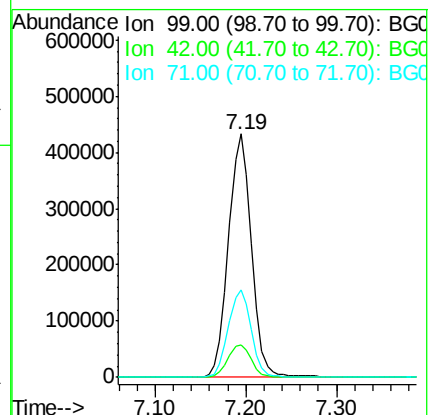
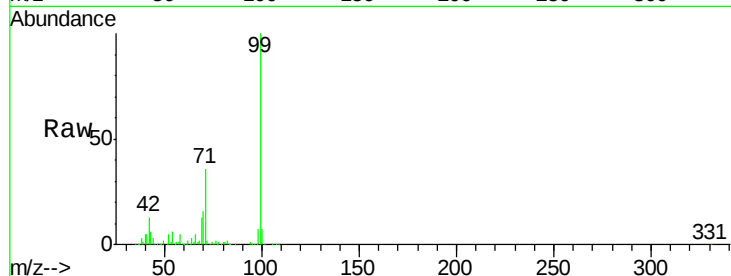
Tot Ion: 99 Resp: 763849

Ion Ratio Lower Upper

99 100

42 13.3 11.3 16.9

71 35.8 30.8 46.2



#8

2-Chlorophenol

Concen: 7.160 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

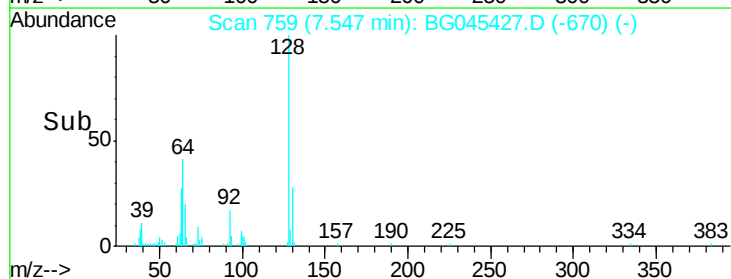
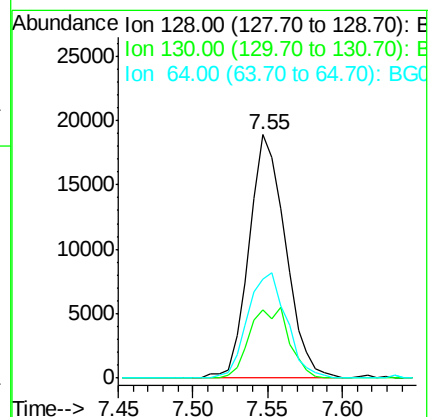
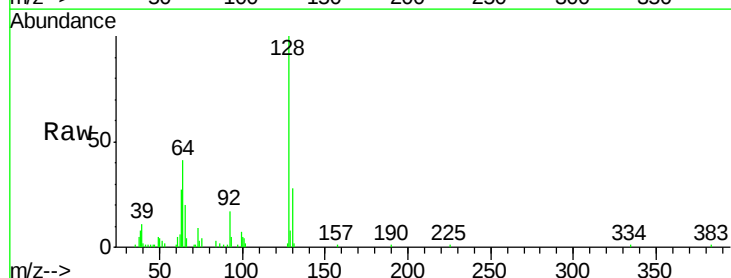
Tgt Ion: 128 Resp: 31899

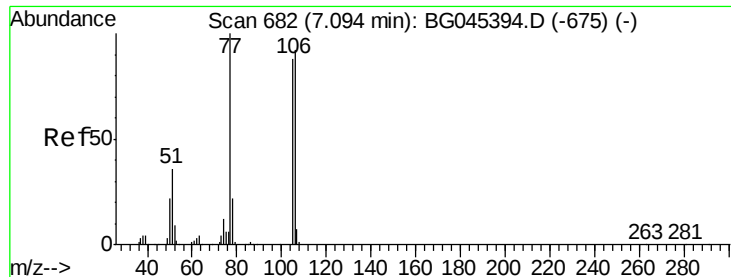
Ion Ratio Lower Upper

128 100

130 27.8 12.6 52.6

64 40.6 27.0 67.0





#9

Benzaldehyde

Concen: 8.294 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

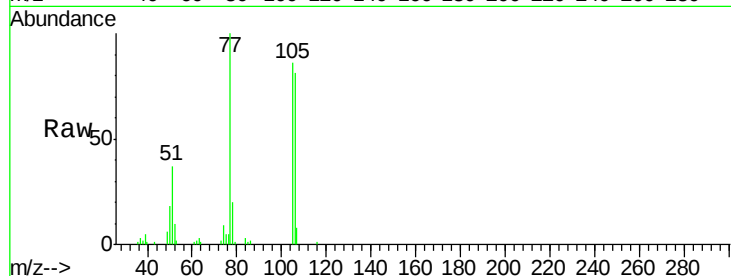
Tot Ion: 77 Resp: 31248

Ion Ratio Lower Upper

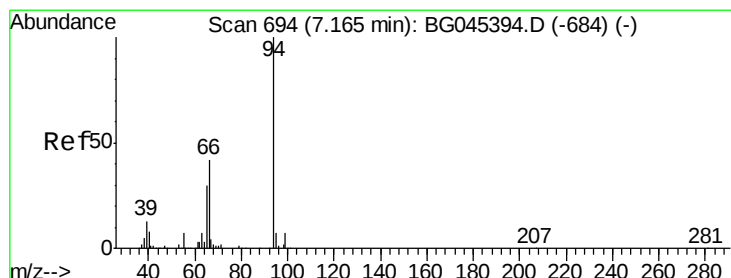
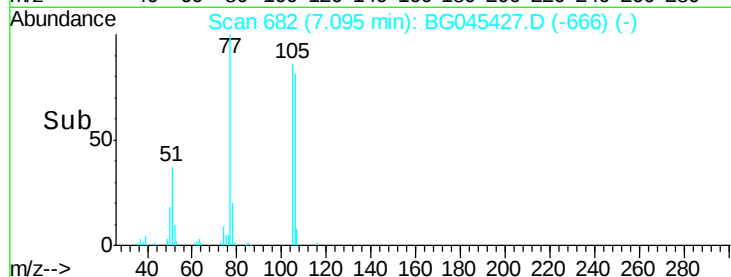
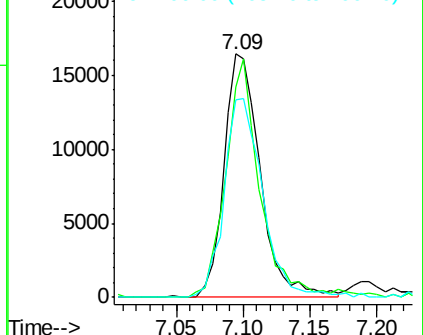
77 100

105 86.4 68.5 108.5

106 81.1 71.6 111.6



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: 7.273 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

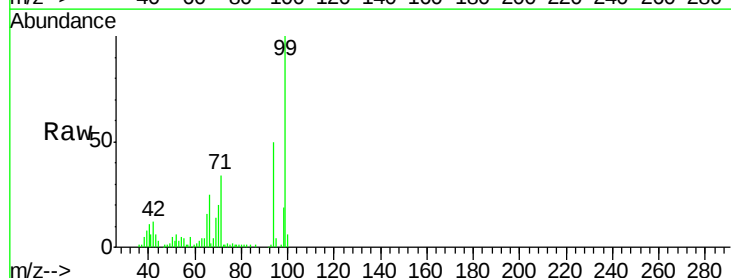
Tgt Ion: 94 Resp: 43348

Ion Ratio Lower Upper

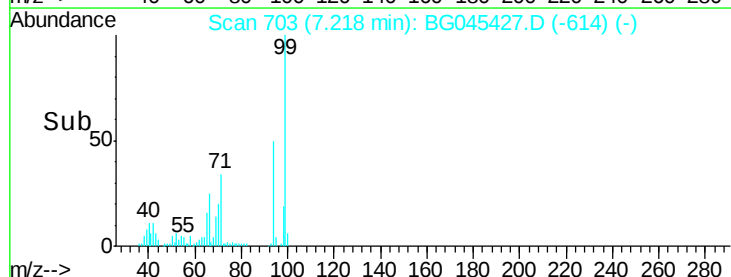
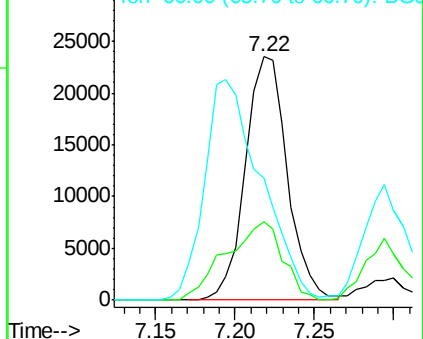
94 100

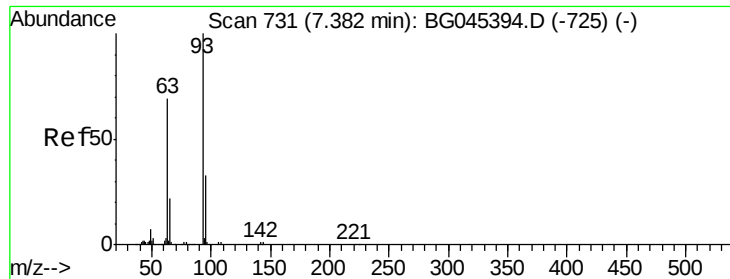
65 32.4 9.8 49.8

66 49.9 22.0 62.0



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

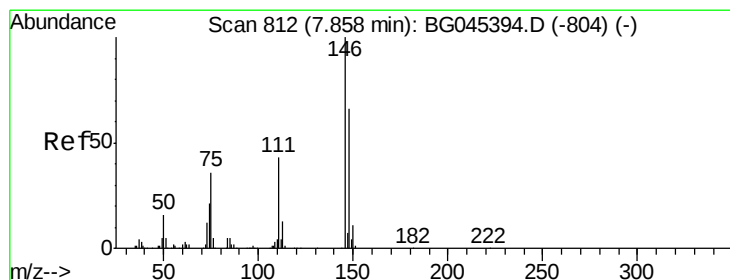
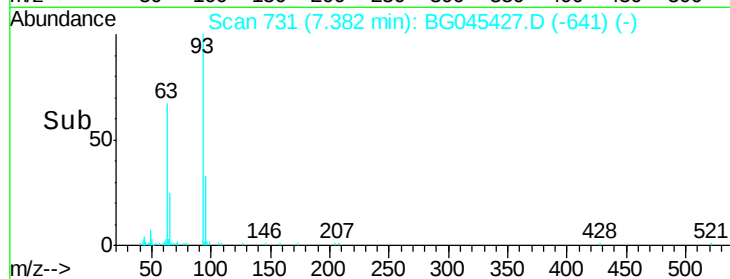
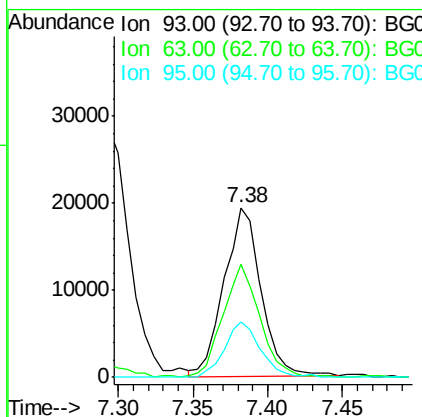
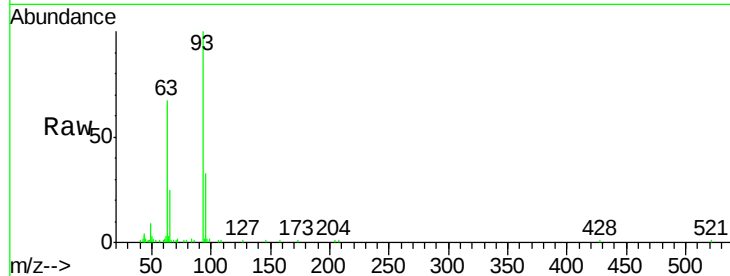




#11
bis(2-Chloroethyl)ether
Concen: 7.141 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

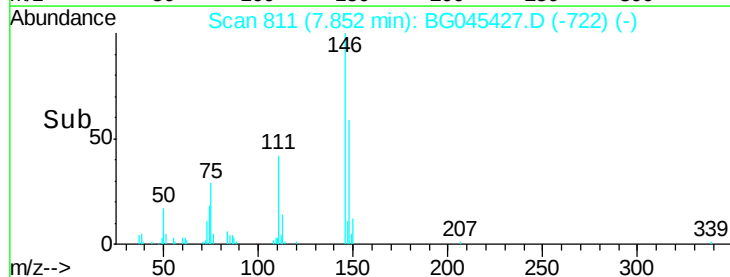
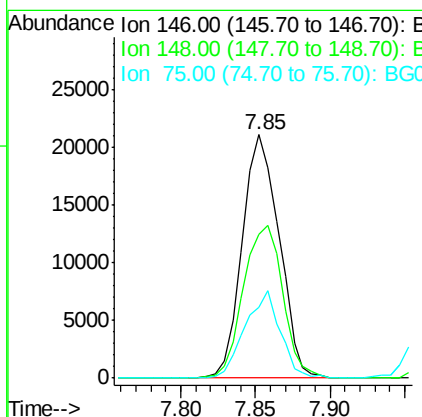
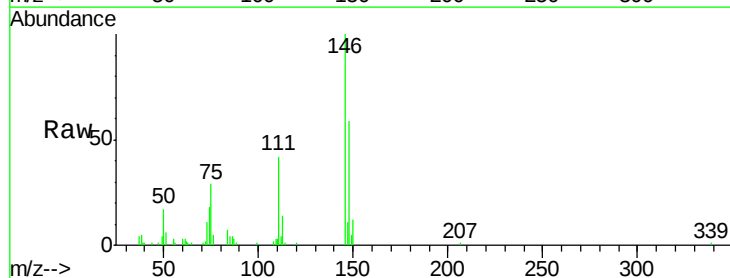
Instrument :
BNA_G
ClientSampleId :

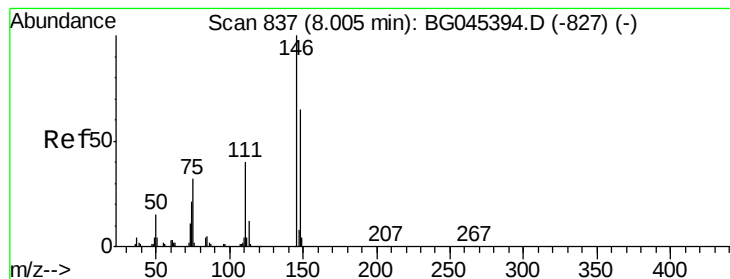
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.5	48.4	88.4
95	32.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 6.737 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.1	53.2	79.8
75	28.9	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 7.095 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

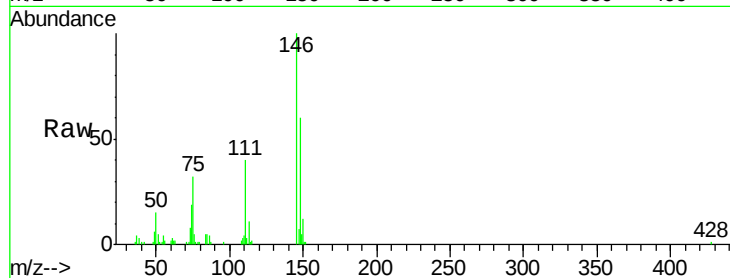
Tot Ion:146 Resp: 37488

Ion Ratio Lower Upper

146 100

148 59.5 51.8 77.8

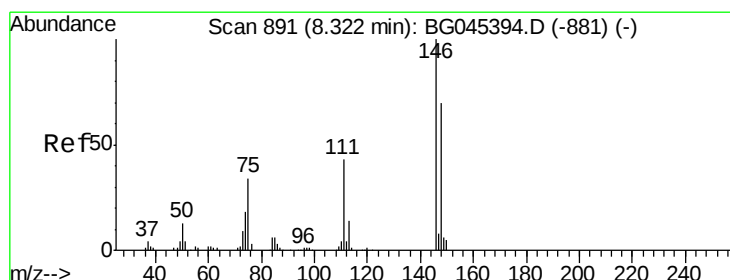
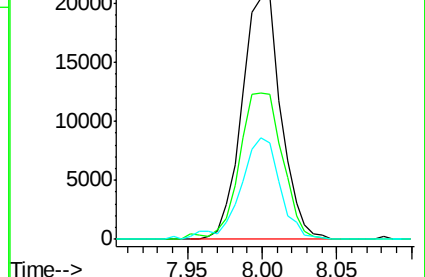
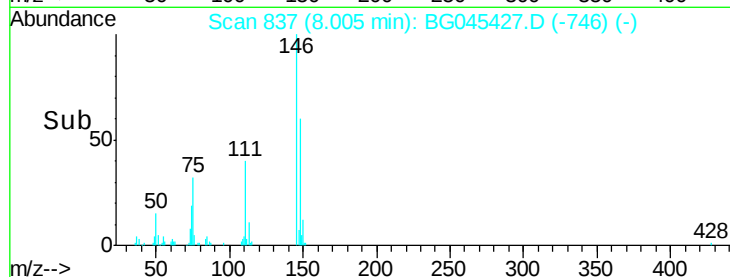
111 39.7 32.1 48.1



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: 7.081 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

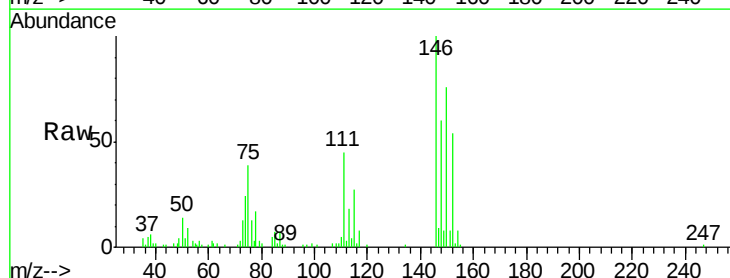
Tgt Ion:146 Resp: 35984

Ion Ratio Lower Upper

146 100

148 60.1 55.9 83.9

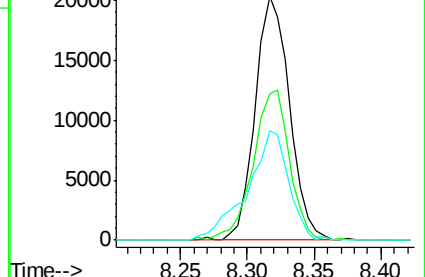
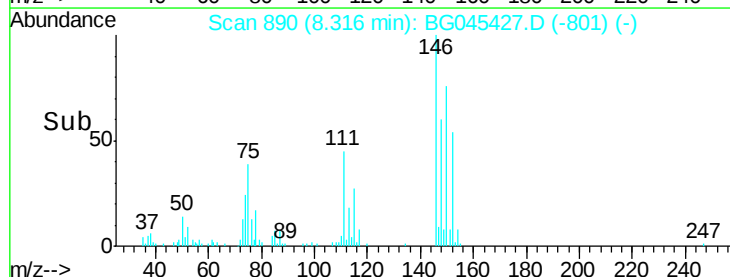
111 44.9 35.0 52.4



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: 6.760 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

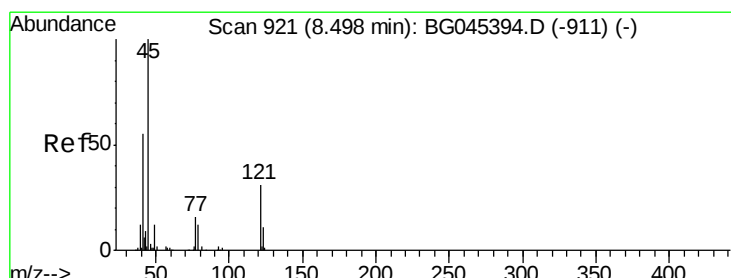
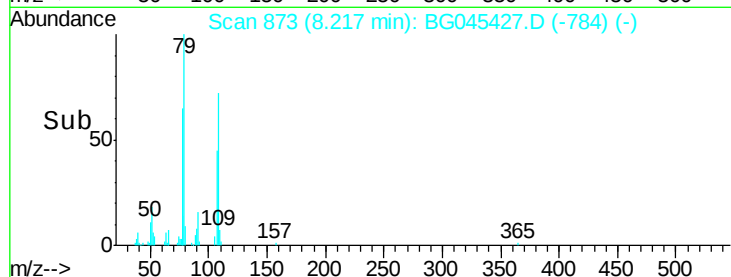
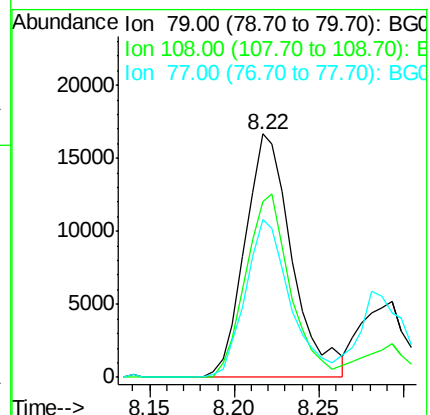
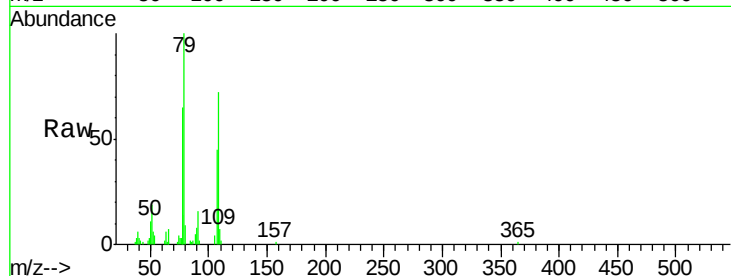
Tot Ion: 79 Resp: 32291

Ion Ratio Lower Upper

79 100

108 72.4 58.2 87.4

77 64.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.178 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

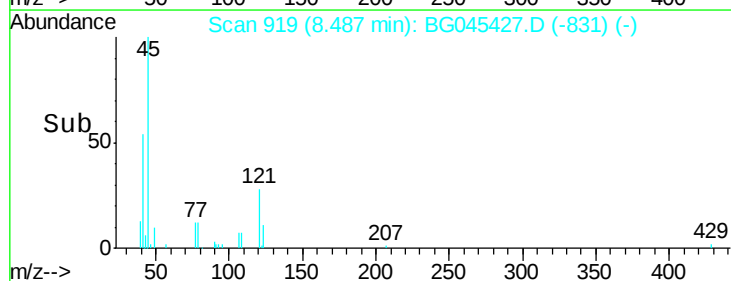
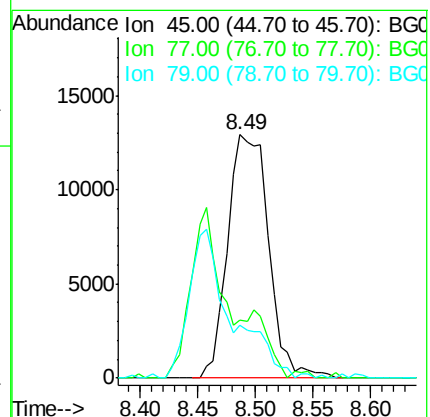
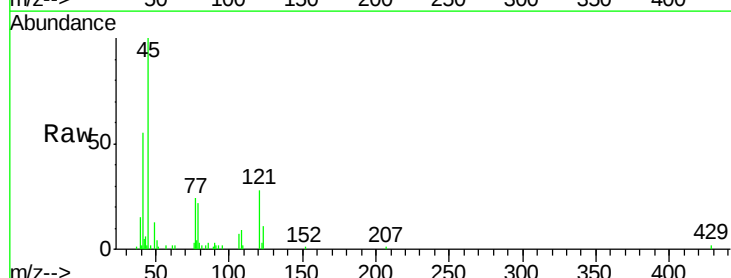
Tgt Ion: 45 Resp: 31673

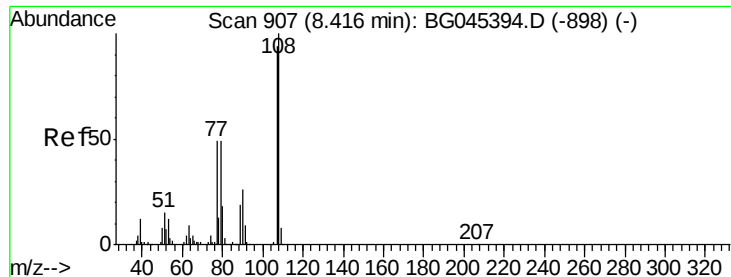
Ion Ratio Lower Upper

45 100

77 23.8 4.0 44.0

79 21.9 0.0 38.6





#17

2-Methylphenol

Concen: 6.659 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 29704

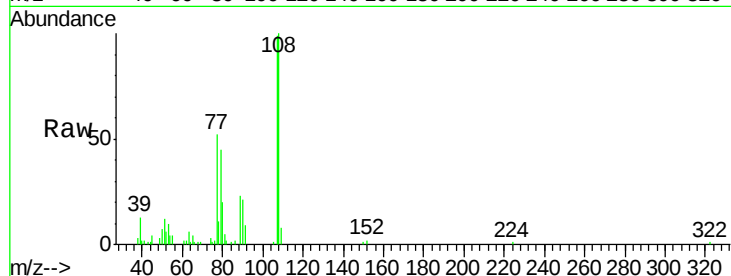
Ion Ratio Lower Upper

107 100

108 100.9 85.2 127.8

77 52.6 41.6 62.4

79 45.8 41.8 62.8

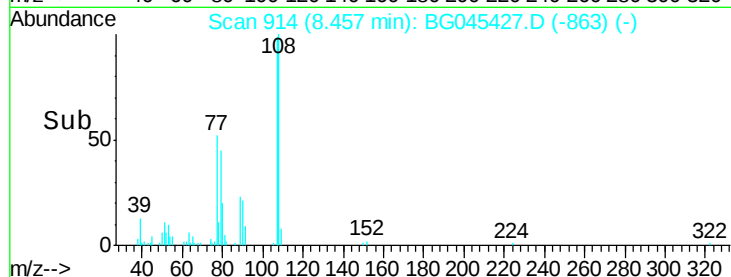


Abundance Ion 107.00 (106.70 to 107.70): E

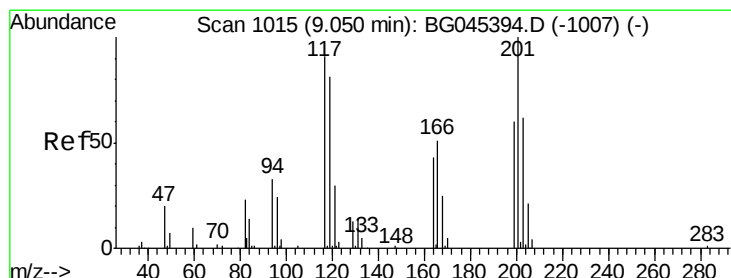
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 6.931 ng

RT: 9.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

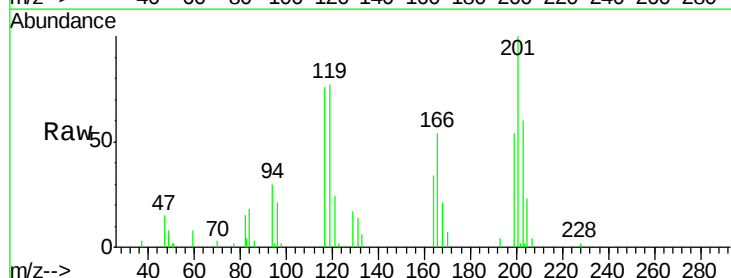
Tgt Ion:117 Resp: 14026

Ion Ratio Lower Upper

117 100

119 102.0 71.3 106.9

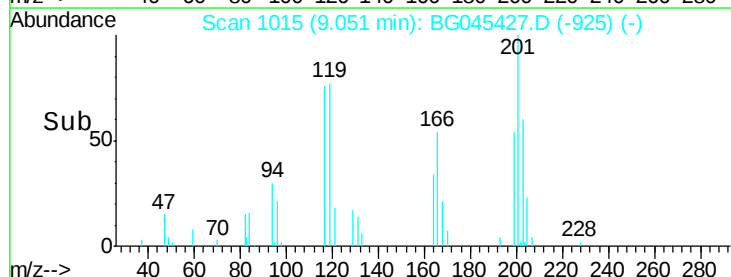
201 131.7 87.5 131.3#



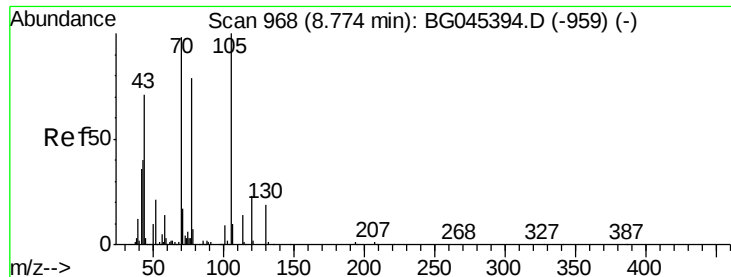
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



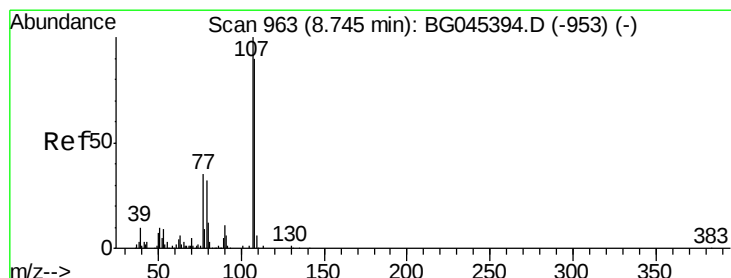
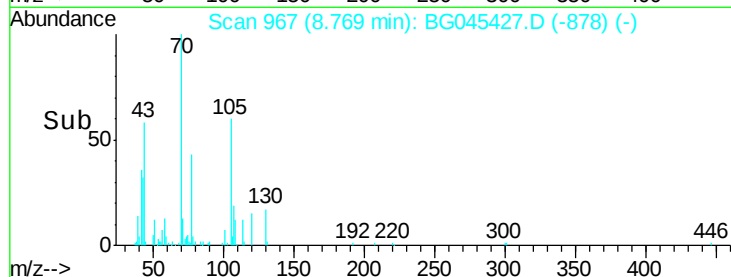
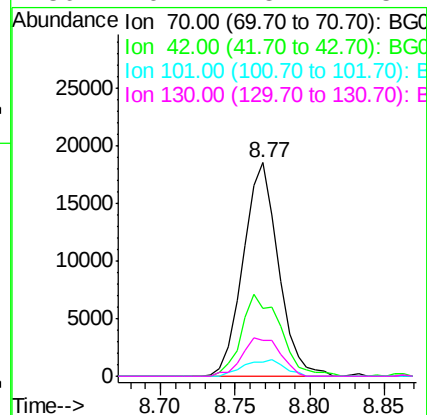
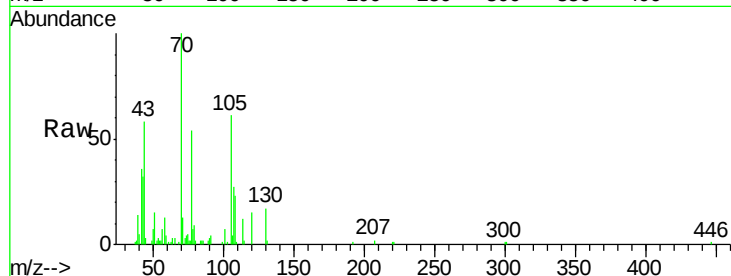
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 7.541 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

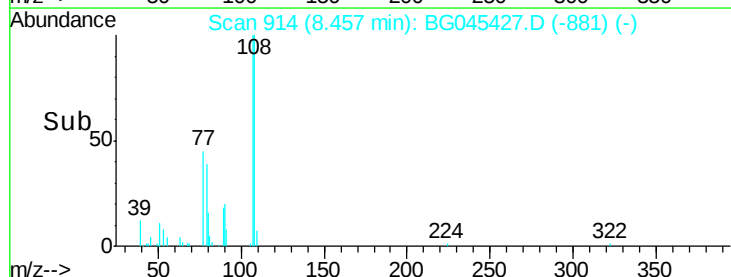
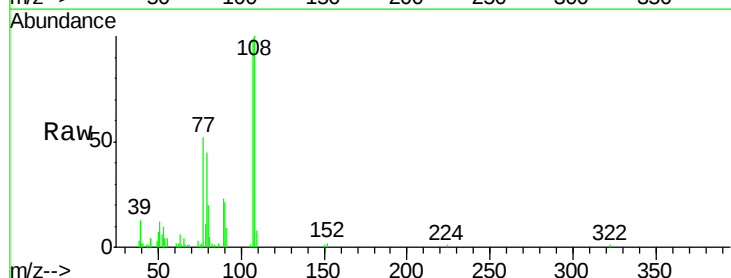
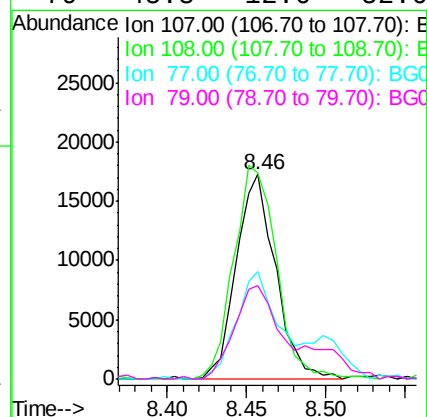
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	31.8	33.2	49.8#
101	6.7	7.8	11.6#
130	16.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 4.890 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.34 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	100.9	70.3	110.3
77	52.6	15.4	55.4
79	45.8	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 332012

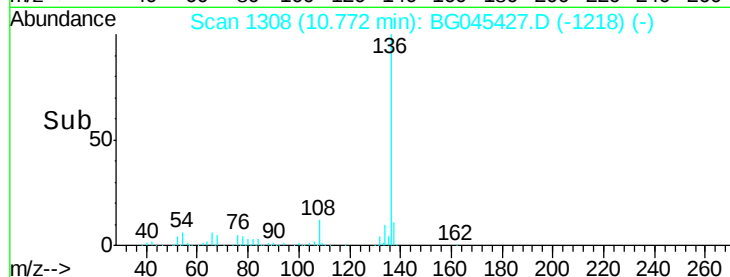
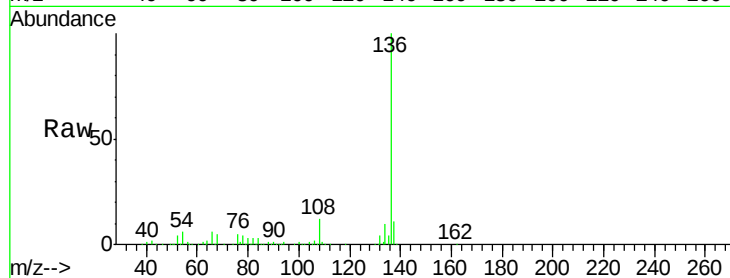
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.2

54 5.6 5.8 8.6#

68 5.4 4.5 6.7

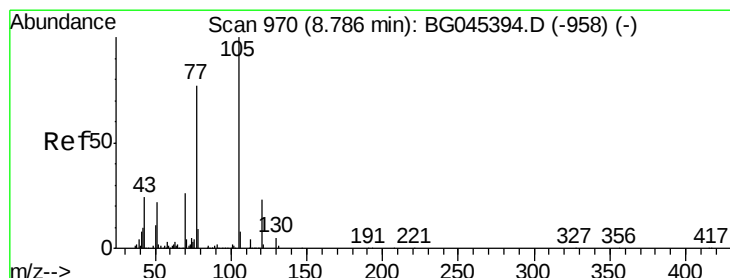
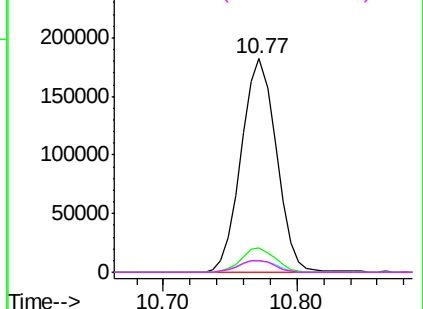


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 7.357 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Tgt Ion:105 Resp: 57891

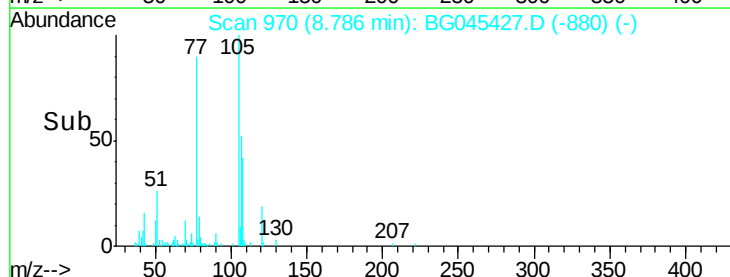
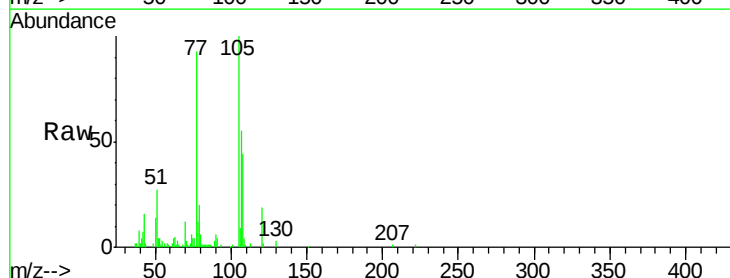
Ion Ratio Lower Upper

105 100

71 2.8 3.4 5.0#

51 27.4 18.2 27.2#

120 19.5 18.6 27.8

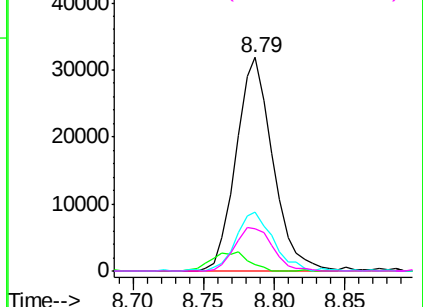


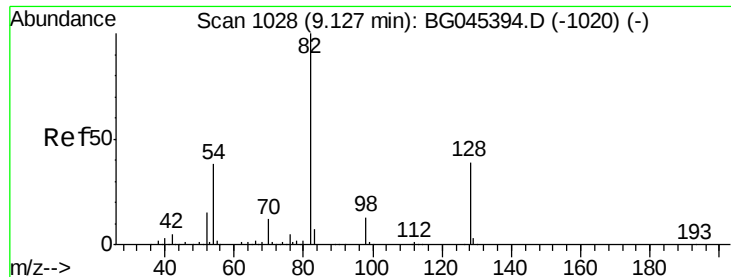
Abundance Ion 105.00 (104.70 to 105.70): E

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

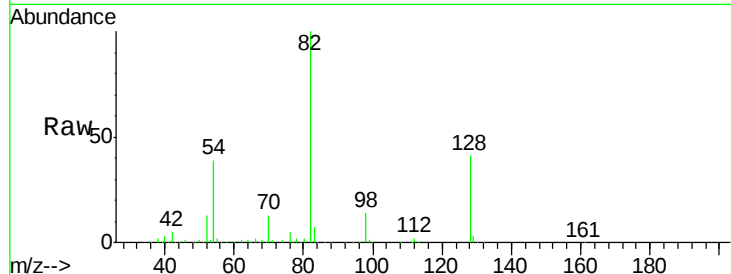




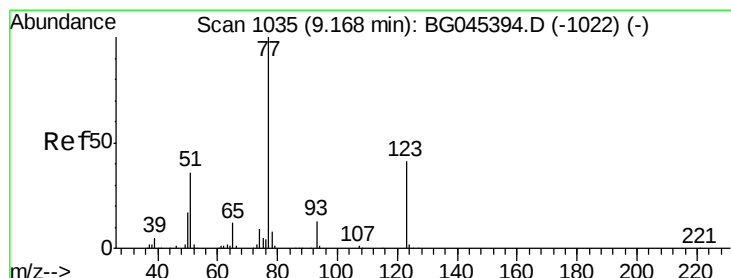
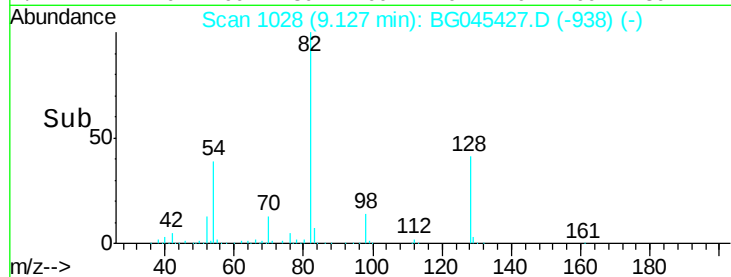
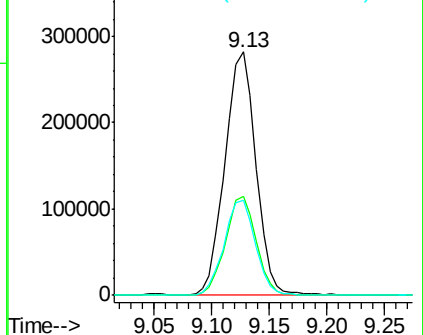
#23
 Nitrobenzene-d5
 Concen: 86.291 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.9	46.3
54	39.0	30.3	45.5

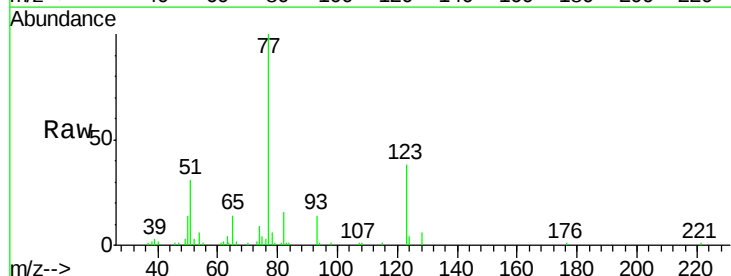


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

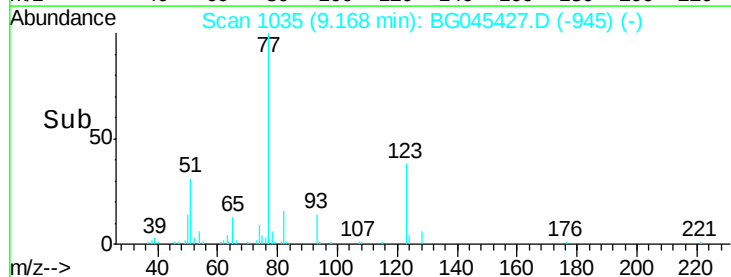
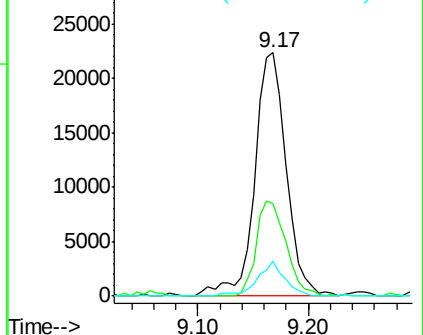


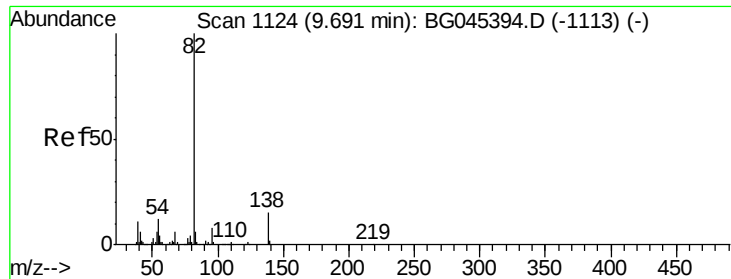
#24
 Nitrobenzene
 Concen: 6.864 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	32.9	49.3
65	14.2	9.4	14.2#



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





#25

Isophorone

Concen: 7.170 ng

RT: 9.69 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

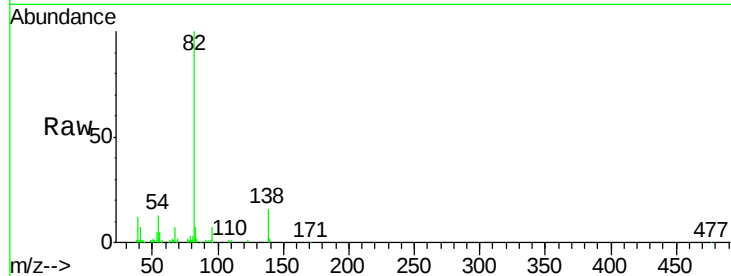
Tot Ion: 82 Resp: 85969

Ion Ratio Lower Upper

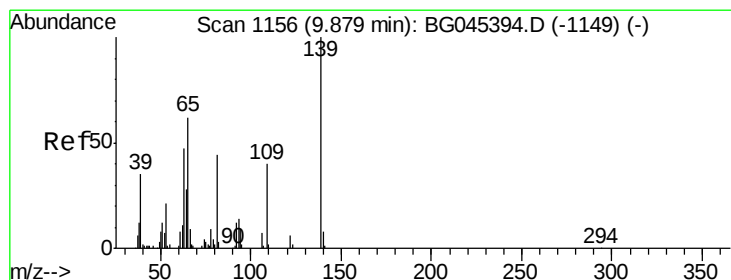
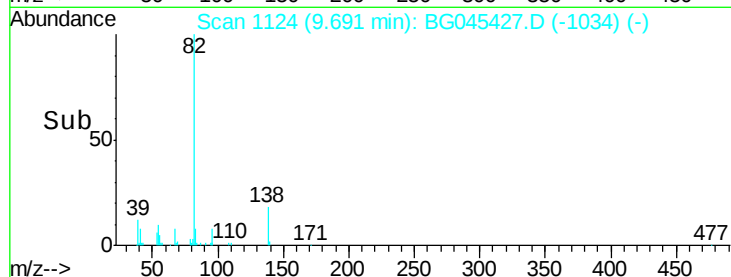
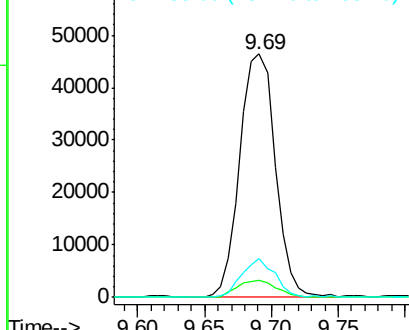
82 100

95 7.0 6.7 10.1

138 15.8 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 6.844 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

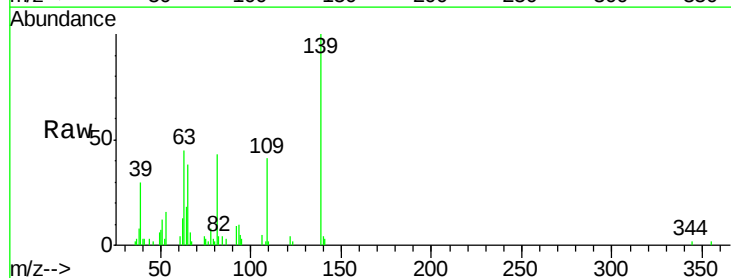
Tgt Ion: 139 Resp: 19098

Ion Ratio Lower Upper

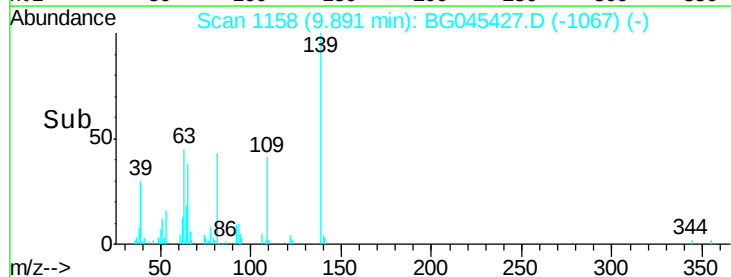
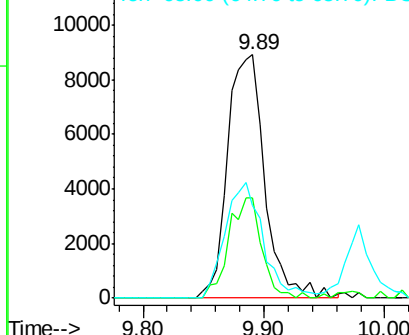
139 100

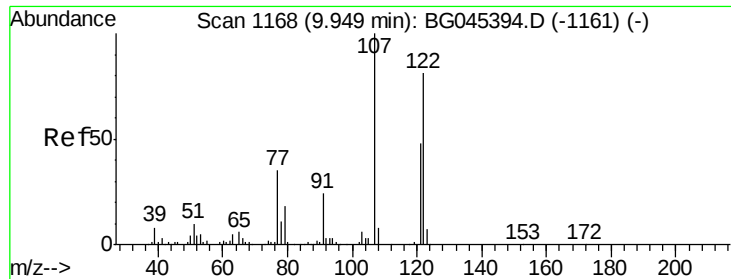
109 41.1 32.2 48.4

65 37.9 49.6 74.4#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

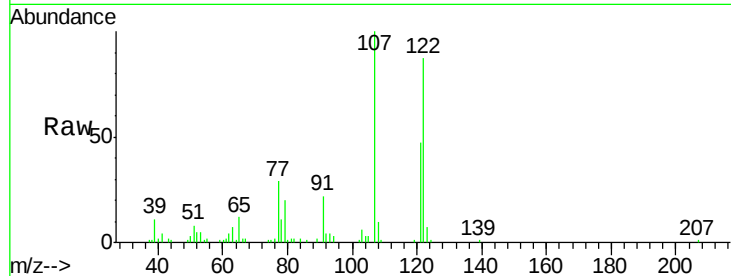




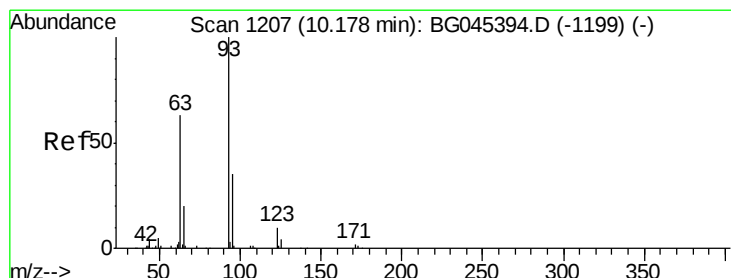
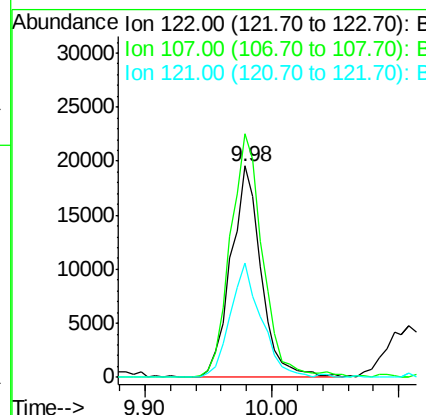
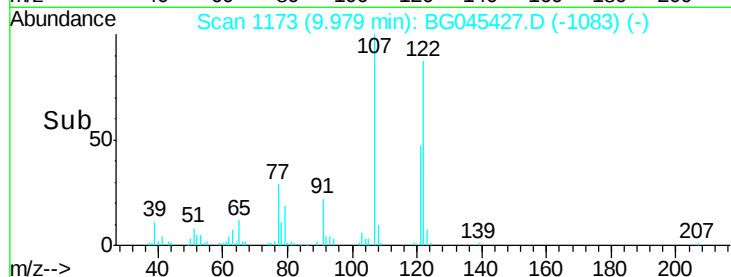
#27
 2,4-Dimethylphenol
 Concen: 7.797 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 32270
 Ion Ratio Lower Upper
 122 100
 107 115.1 99.0 148.4
 121 54.0 47.7 71.5

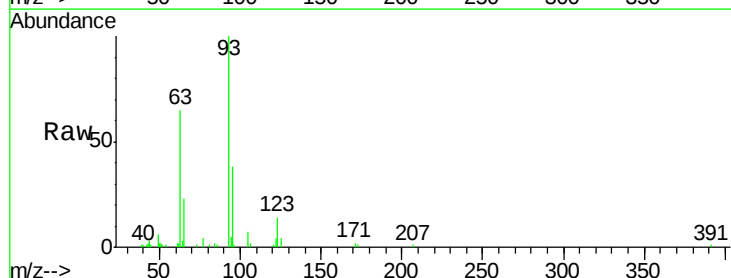


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

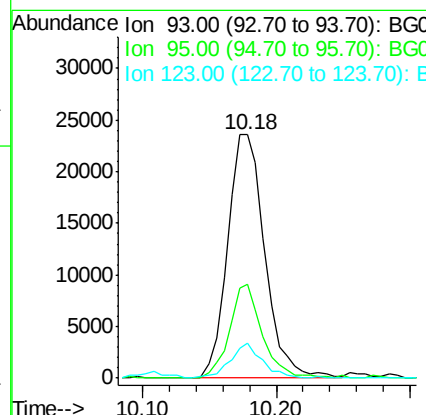
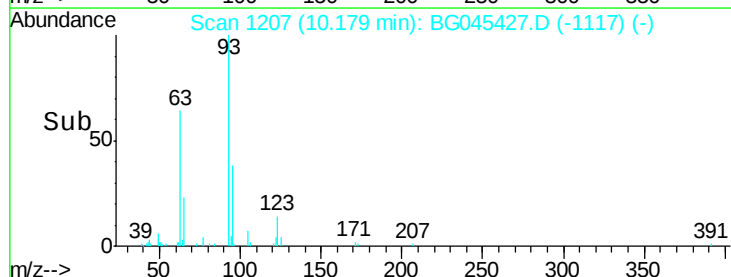


#28
 bis(2-Chloroethoxy)methane
 Concen: 7.282 ng
 RT: 10.18 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Tgt Ion: 93 Resp: 45789
 Ion Ratio Lower Upper
 93 100
 95 38.4 27.6 41.4
 123 14.1 8.1 12.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 6.758 ng

RT: 10.46 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

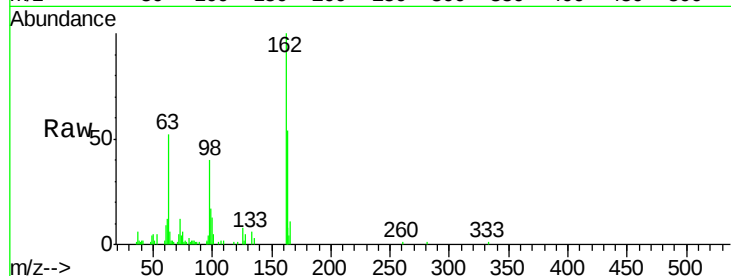
Tot Ion:162 Resp: 33029

Ion Ratio Lower Upper

162 100

164 53.9 46.8 86.8

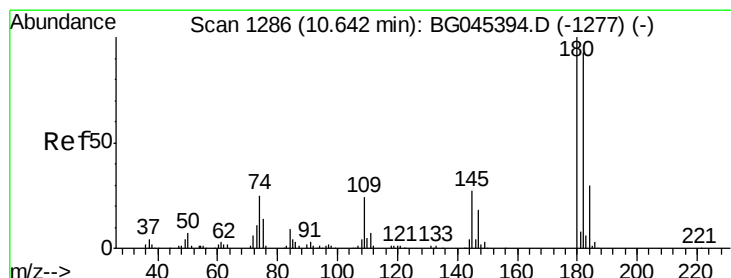
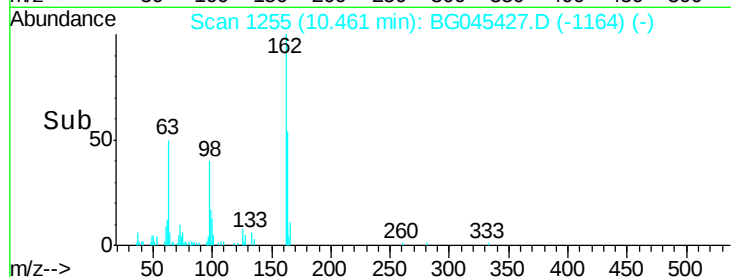
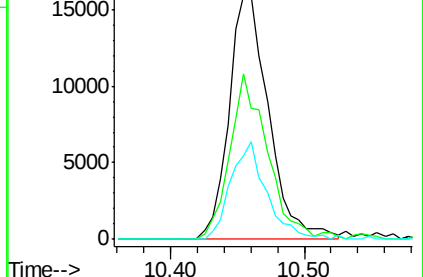
98 40.0 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 7.121 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

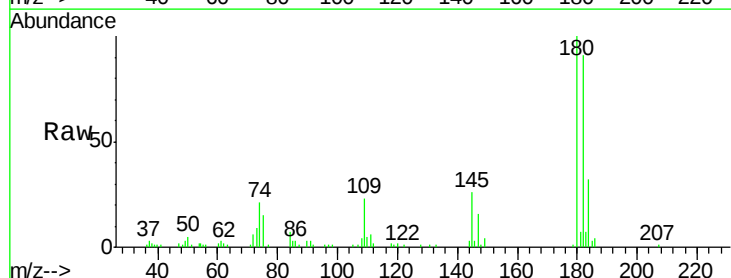
Tgt Ion:180 Resp: 41123

Ion Ratio Lower Upper

180 100

182 91.2 74.8 112.2

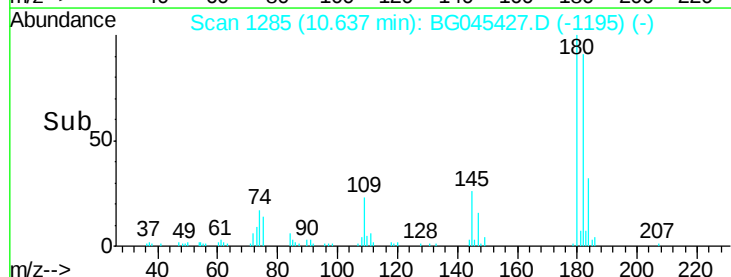
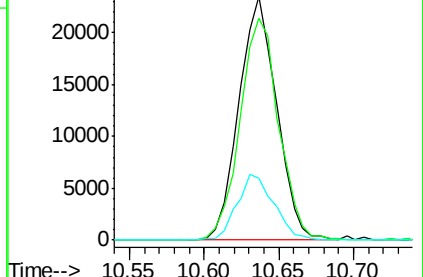
145 25.5 21.9 32.9

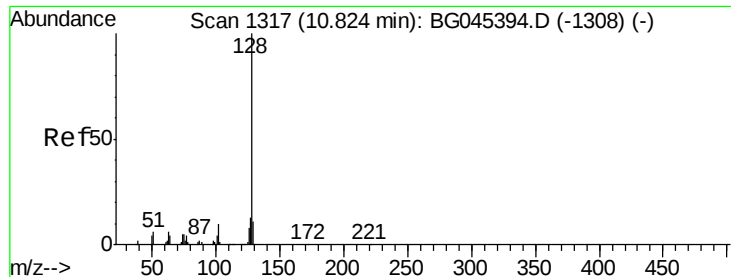


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

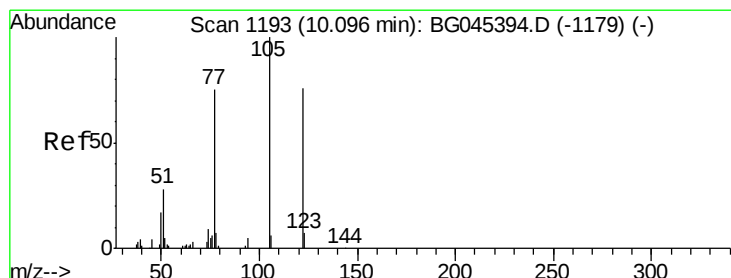
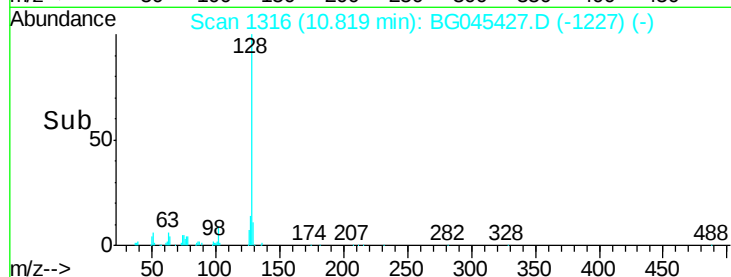
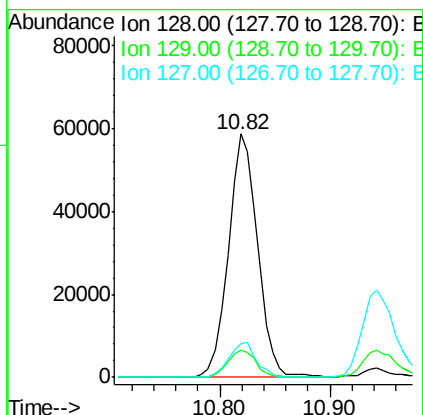
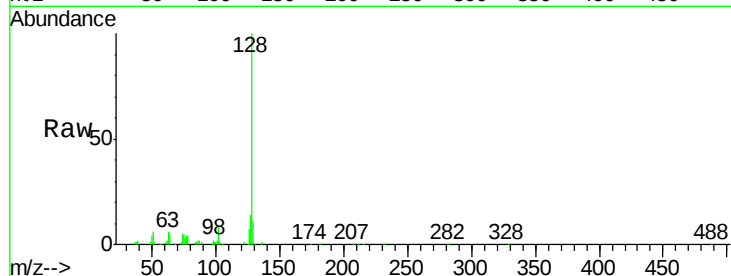




#31
Naphthalene
Concen: 7.016 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

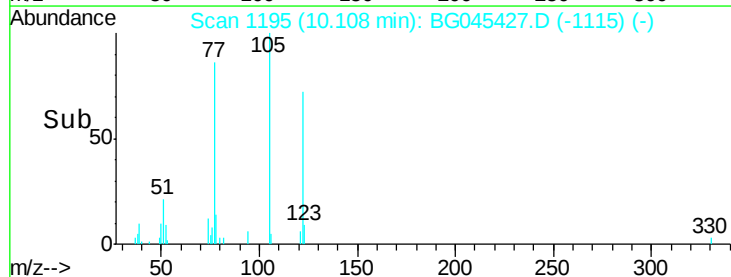
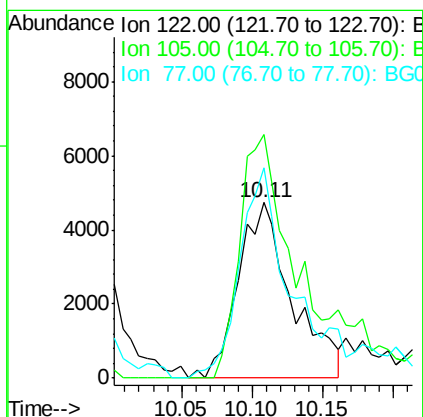
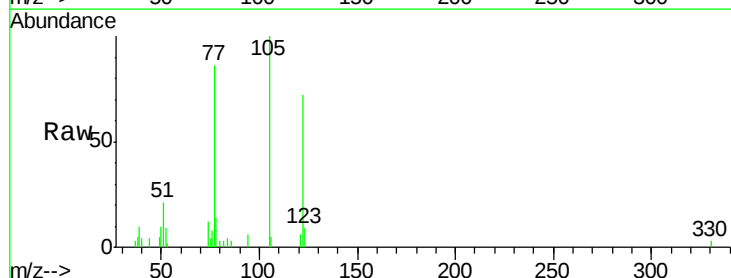
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 108543
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 5.054 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.06 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:122 Resp: 12562
Ion Ratio Lower Upper
122 100
105 138.8 107.9 147.9
77 119.7 78.9 118.9#

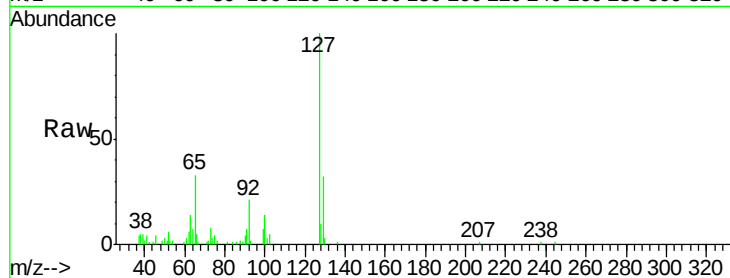




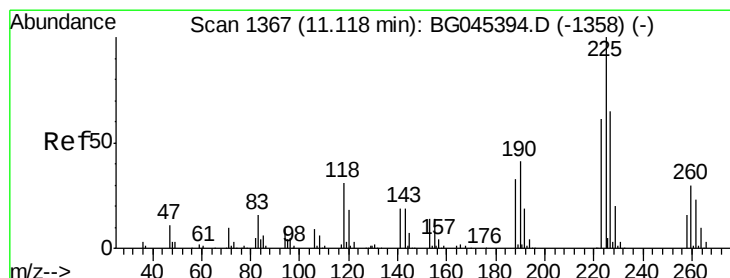
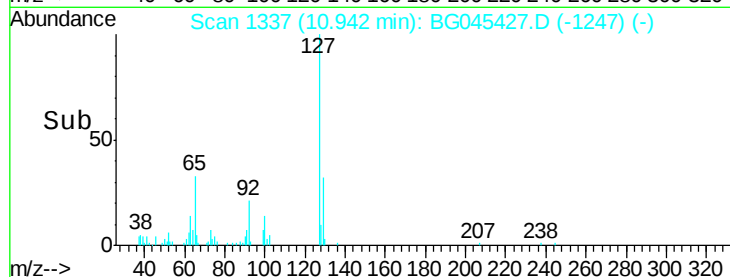
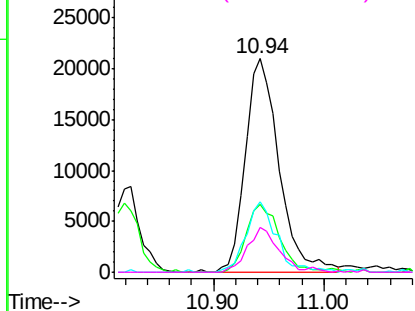
#33
4-Chloroaniline
Concen: 6.963 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	45029
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.7	37.1
65	33.2	26.2	39.2
92	20.9	17.9	26.9

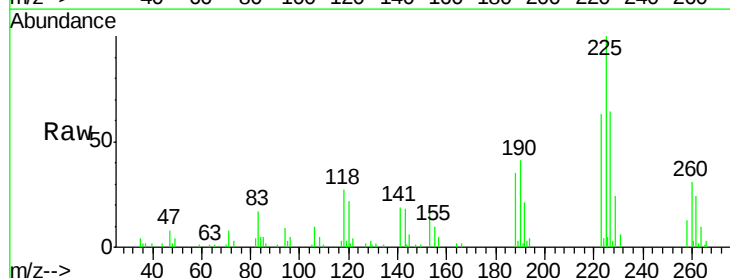


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

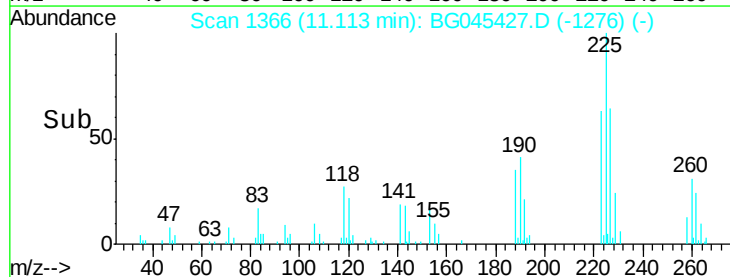
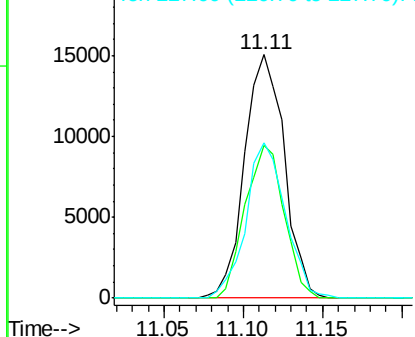


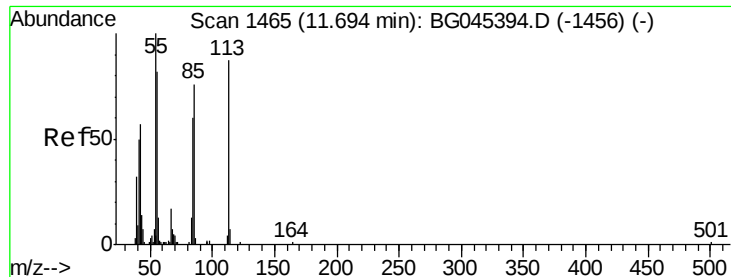
#34
Hexachlorobutadiene
Concen: 6.448 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:	225	Resp:	26322
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.1	73.7
227	63.7	52.0	78.0



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: 7.643 ng

RT: 11.68 min Scan# 1463

Delta R.T. -0.03 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampled :

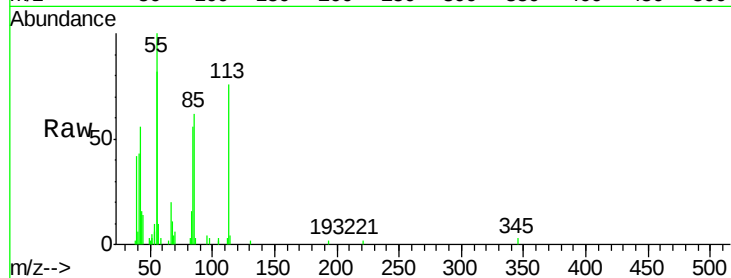
Tot Ion:113 Resp: 13711

Ion Ratio Lower Upper

113 100

55 131.5 96.0 136.0

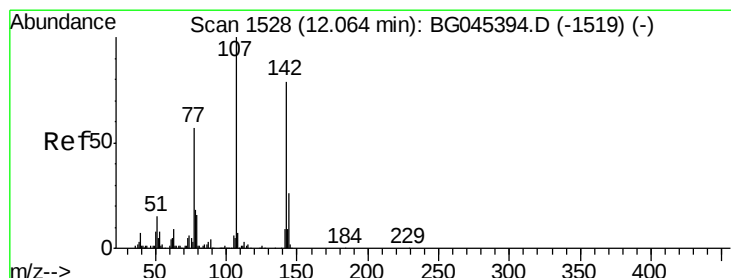
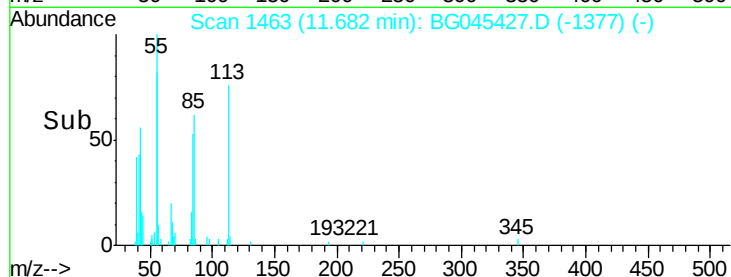
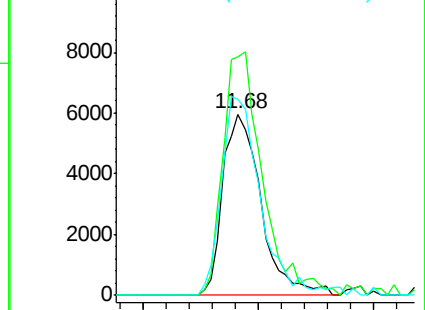
56 107.9 75.1 115.1



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: 7.319 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

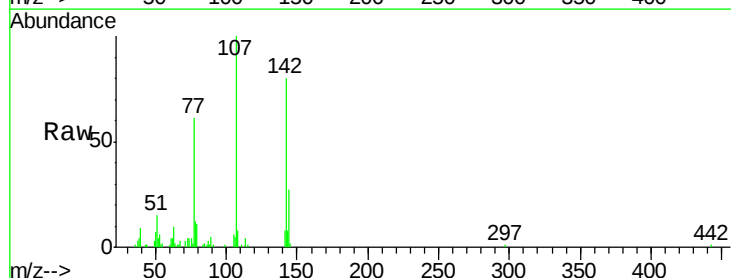
Tgt Ion:107 Resp: 40305

Ion Ratio Lower Upper

107 100

144 27.0 20.8 31.2

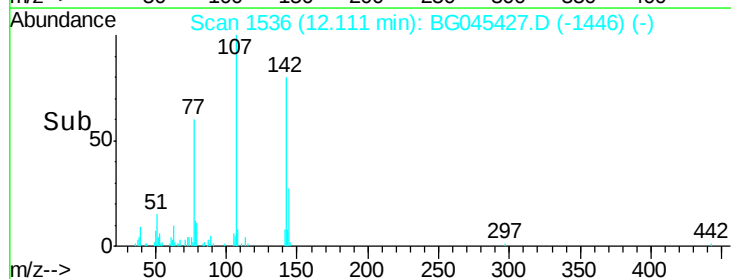
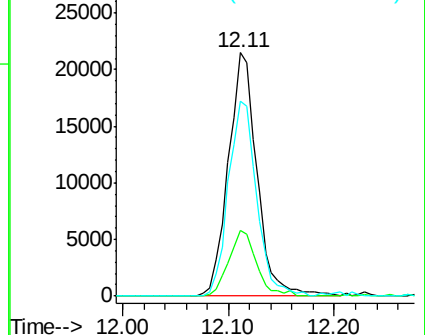
142 80.1 62.8 94.2

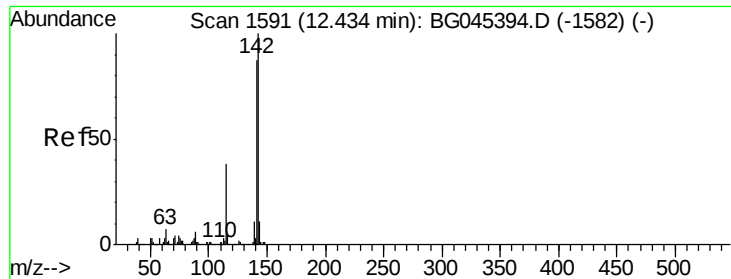


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 7.499 ng

RT: 12.43 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

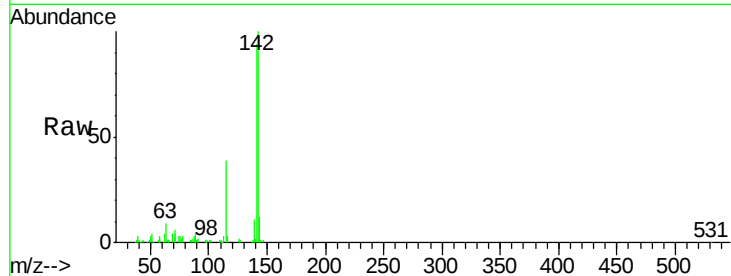
Tot Ion:142 Resp: 86477

Ion Ratio Lower Upper

142 100

141 93.6 70.0 105.0

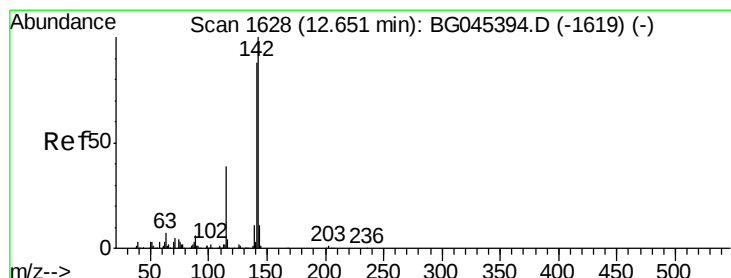
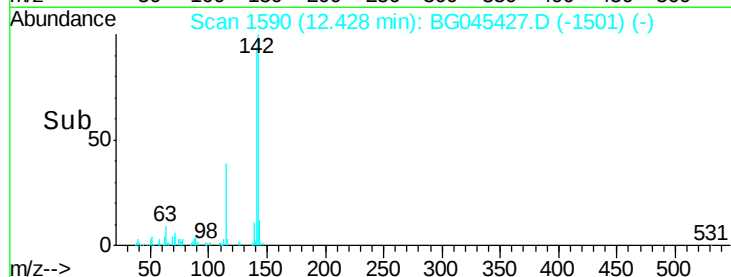
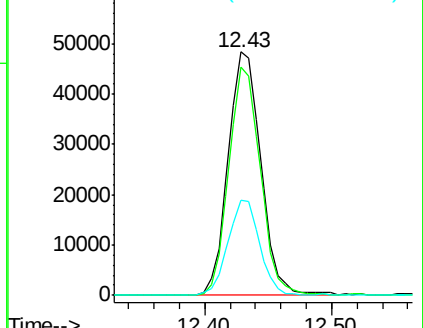
115 39.1 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 7.939 ng

RT: 12.43 min Scan# 1590

Delta R.T. -0.23 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

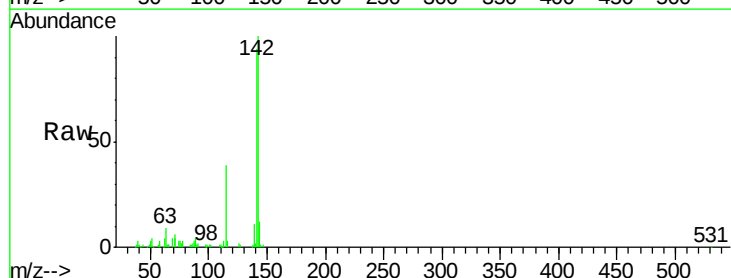
Tgt Ion:142 Resp: 86477

Ion Ratio Lower Upper

142 100

141 93.6 70.8 106.2

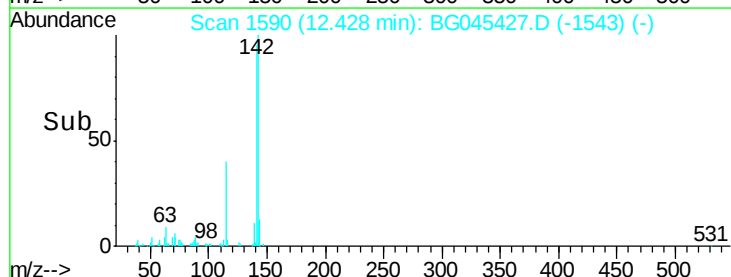
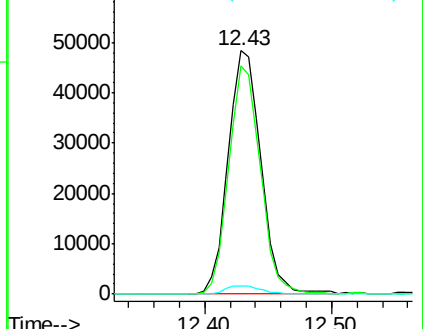
116 3.4 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

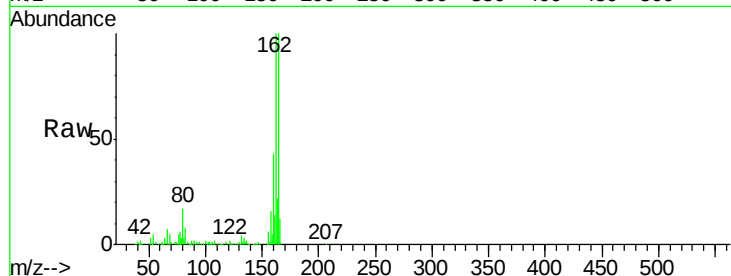
Tot Ion:164 Resp: 240934

Ion Ratio Lower Upper

164 100

162 100.3 76.9 115.3

160 43.4 33.8 50.8

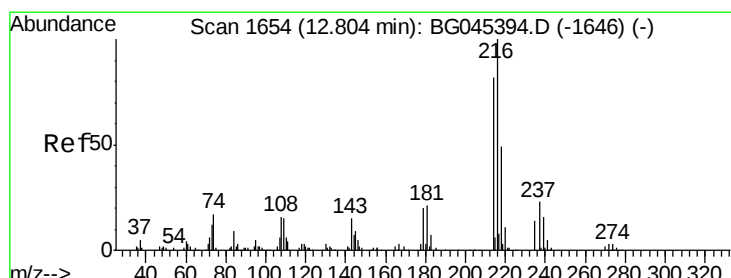
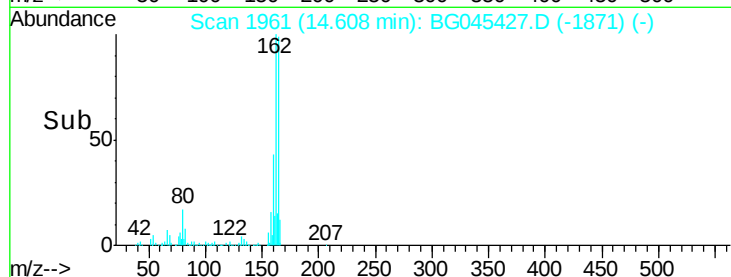
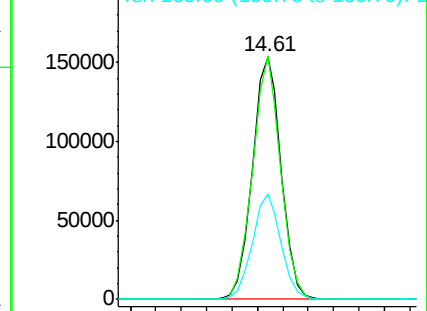


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.147 ng

RT: 12.80 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Tgt Ion:216 Resp: 48094

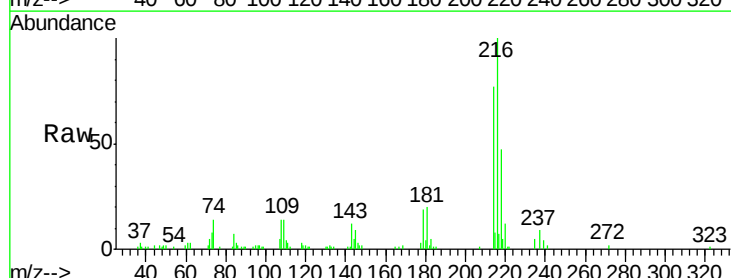
Ion Ratio Lower Upper

216 100

214 80.2 63.7 95.5

179 22.0 16.1 24.1

108 16.2 13.8 20.6



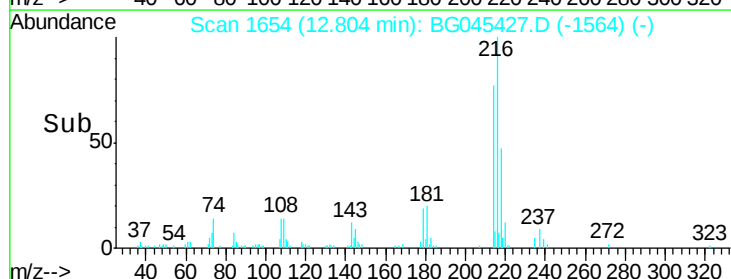
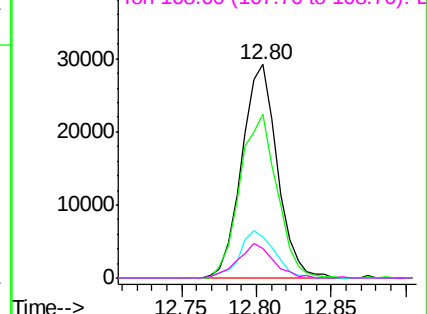
Abundance

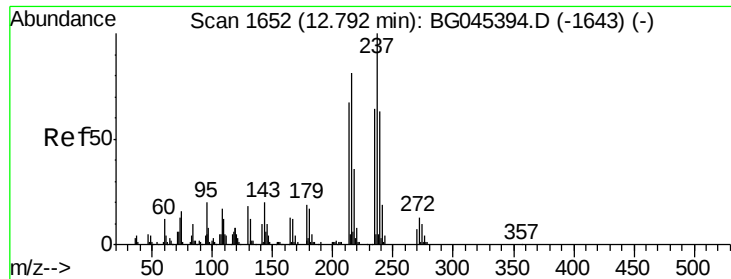
Ion 216.00 (215.70 to 216.70): E

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

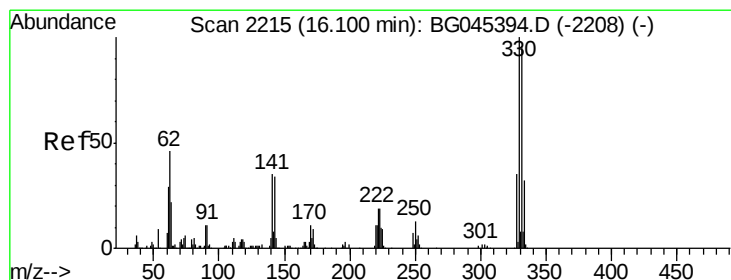
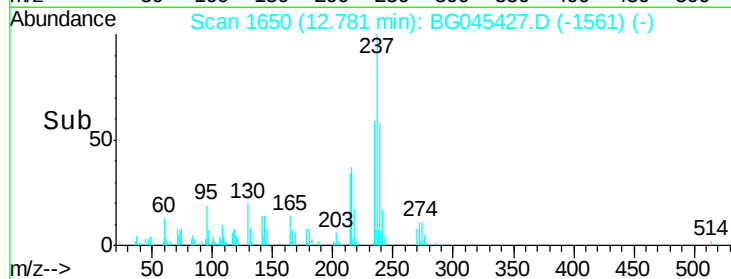
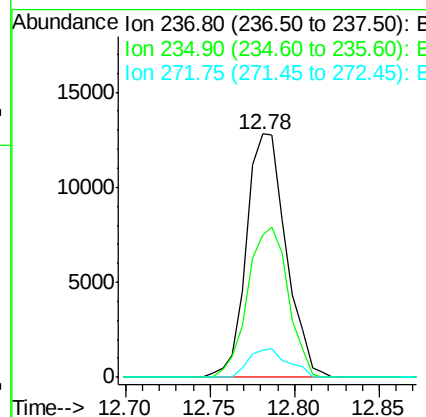
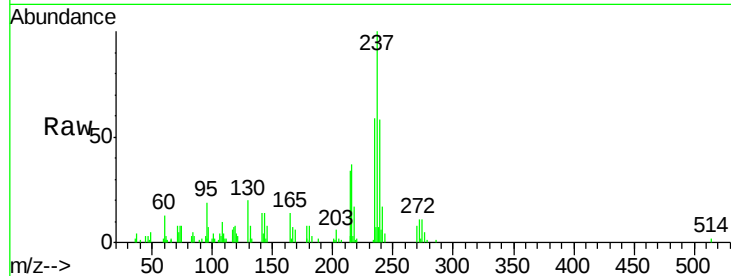




#41
Hexachlorocyclopentadiene
Concen: 5.365 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

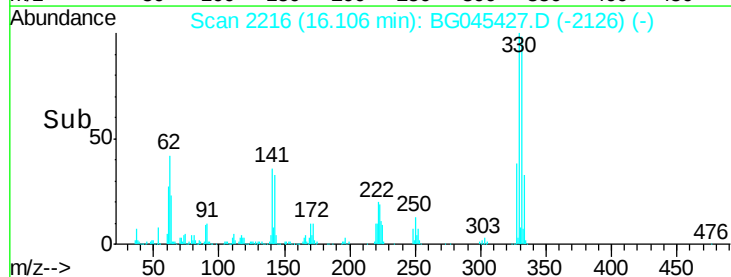
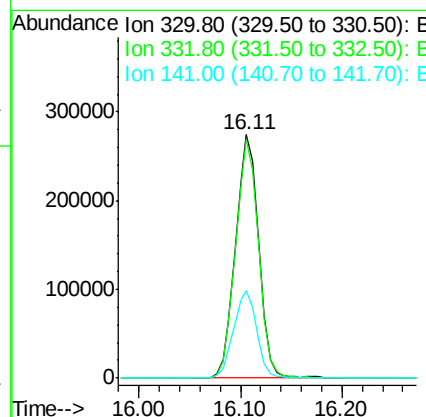
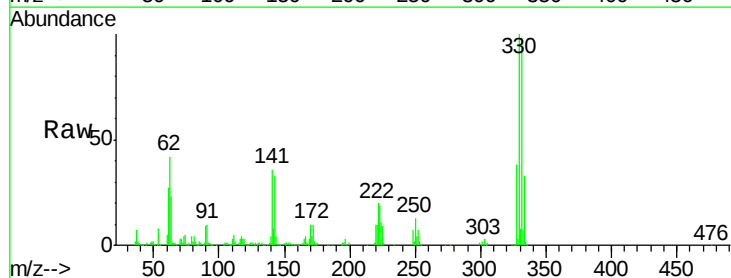
Instrument :
BNA_G
ClientSampleId :

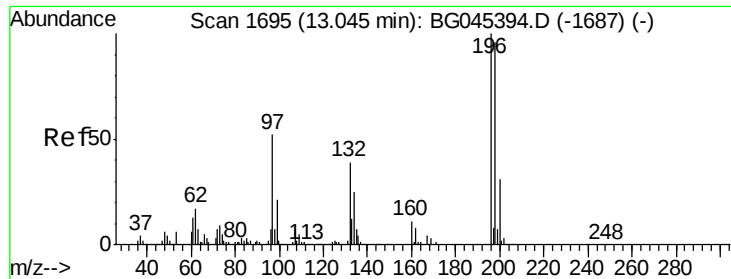
Tot Ion	Ratio	Lower	Upper
237	100		
235	58.5	44.4	84.4
272	11.4	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 141.014 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	35.6	28.2	42.4

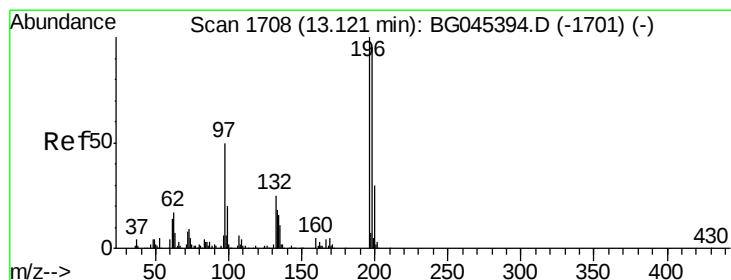
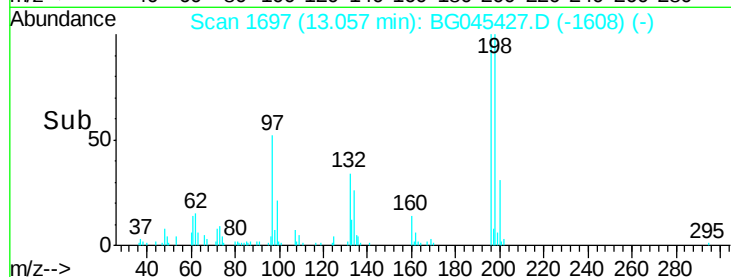
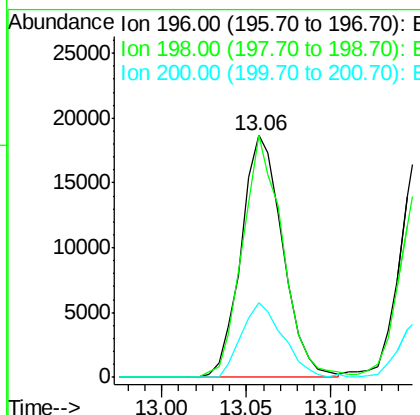
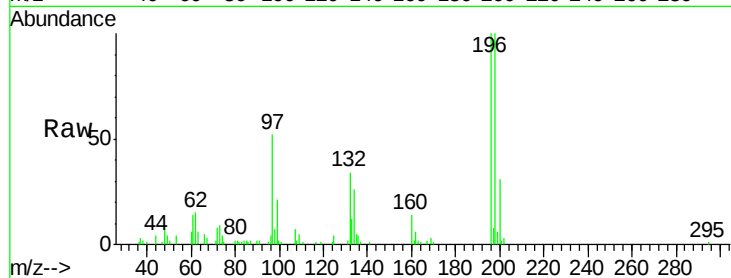




#43
 2,4,6-Trichlorophenol
 Concen: 6.839 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

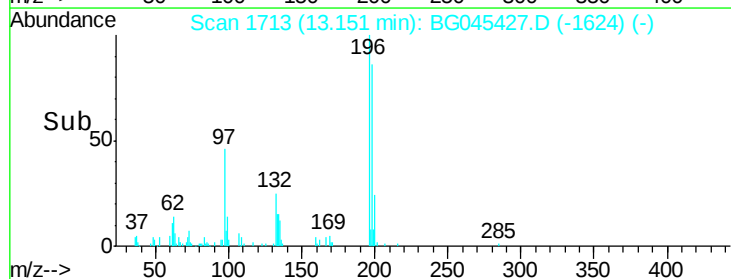
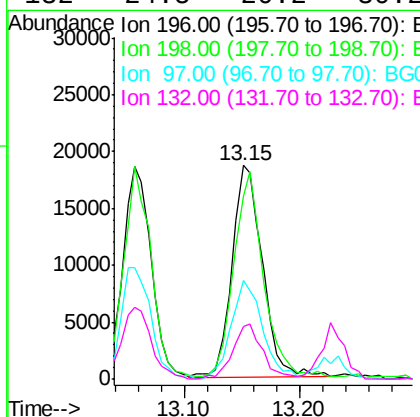
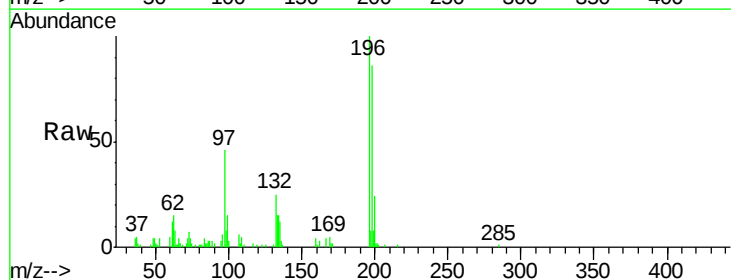
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 31972
 Ion Ratio Lower Upper
 196 100
 198 100.1 76.7 115.1
 200 30.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 6.319 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Tgt Ion:196 Resp: 33759
 Ion Ratio Lower Upper
 196 100
 198 85.7 76.1 114.1
 97 45.9 40.0 60.0
 132 24.5 20.2 30.2

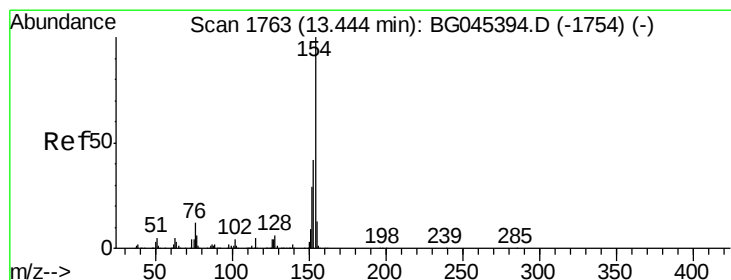
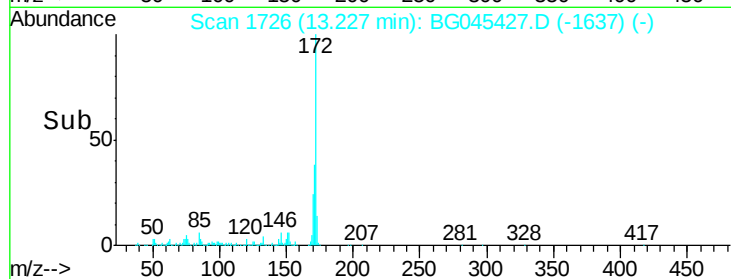
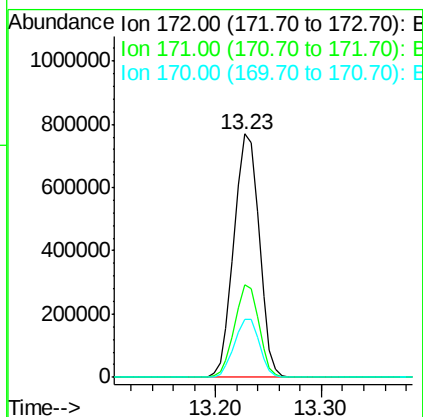
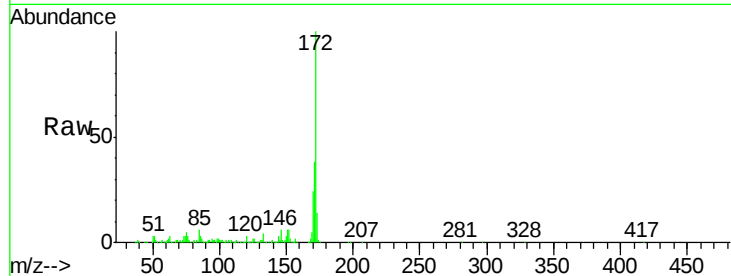




#45
2-Fluorobiphenyl
Concen: 89.718 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

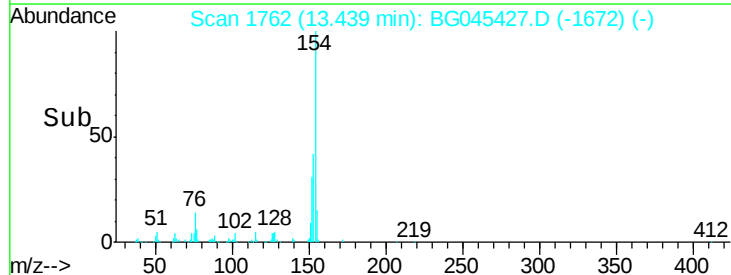
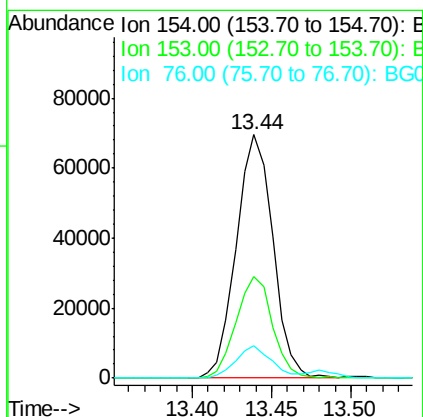
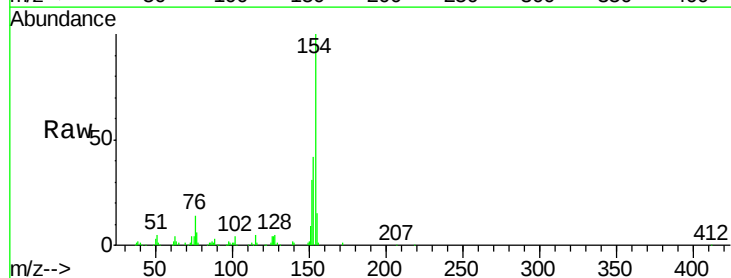
Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1274380
Ion Ratio Lower Upper
172 100
171 37.9 29.5 44.3
170 23.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 7.540 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:154 Resp: 111627
Ion Ratio Lower Upper
154 100
153 42.0 22.2 62.2
76 13.5 0.0 32.4





#47

2-Chloronaphthalene

Concen: 7.214 ng

RT: 13.48 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

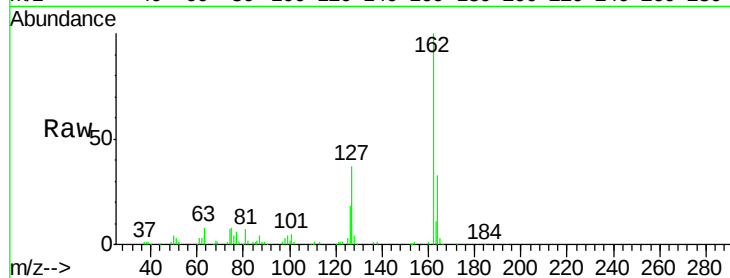
Tot Ion:162 Resp: 86727

Ion Ratio Lower Upper

162 100

127 37.5 31.6 47.4

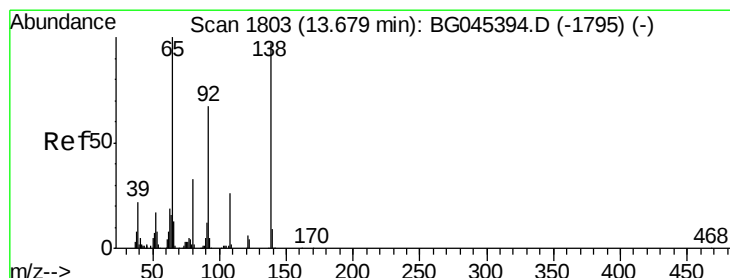
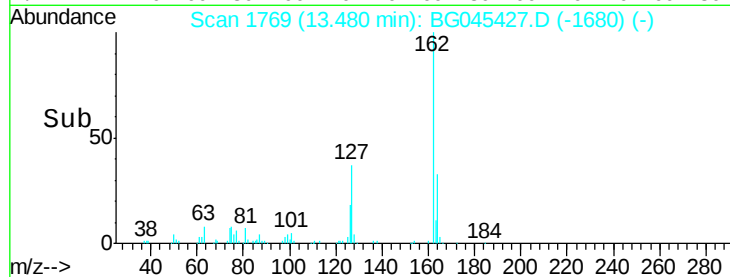
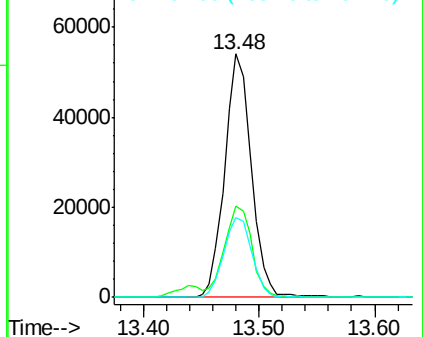
164 32.8 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 6.390 ng

RT: 13.69 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

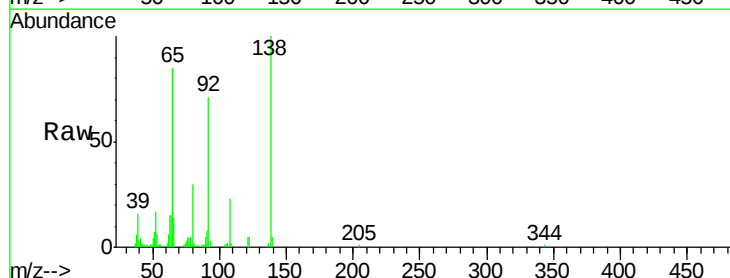
Tgt Ion: 65 Resp: 25269

Ion Ratio Lower Upper

65 100

92 83.2 53.8 80.8#

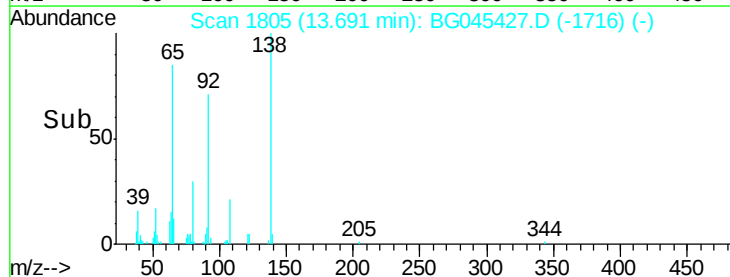
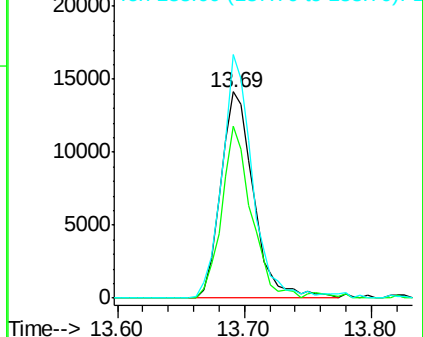
138 117.9 77.9 116.9#

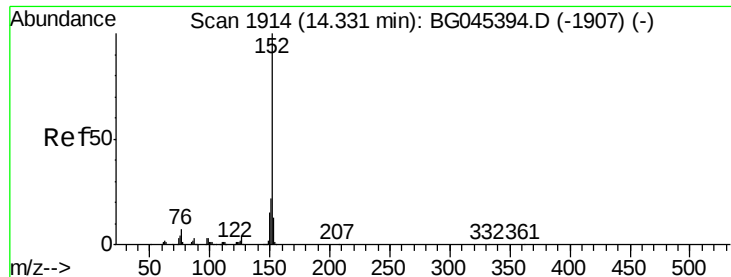


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 7.720 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

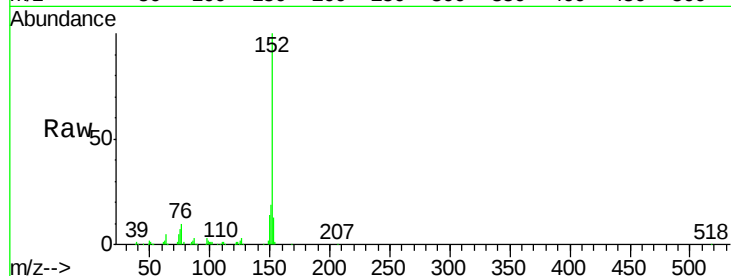
Tot Ion:152 Resp: 149081

Ion Ratio Lower Upper

152 100

151 19.1 17.4 26.2

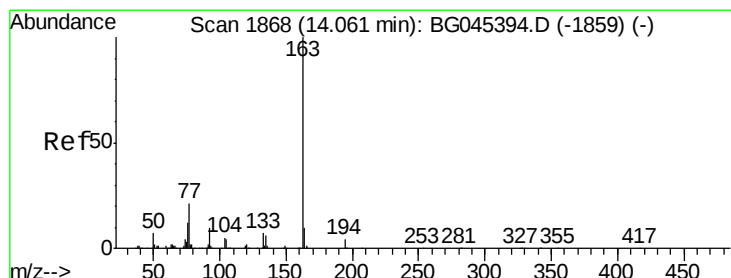
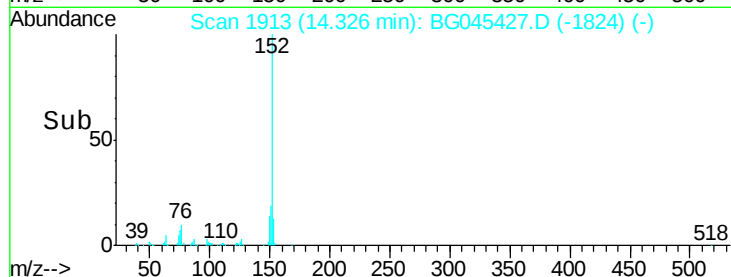
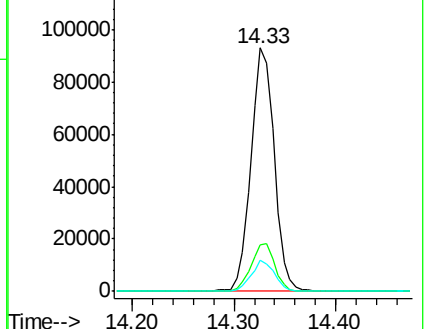
153 12.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.674 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

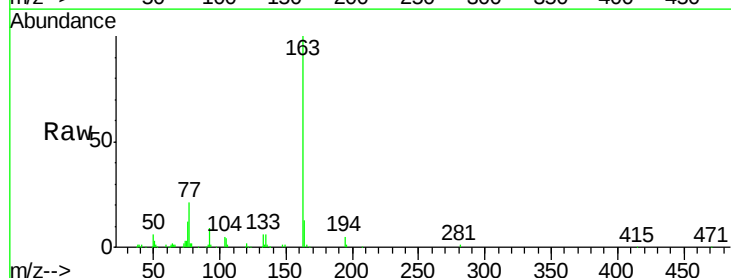
Tgt Ion:163 Resp: 126839

Ion Ratio Lower Upper

163 100

194 5.2 3.2 4.8#

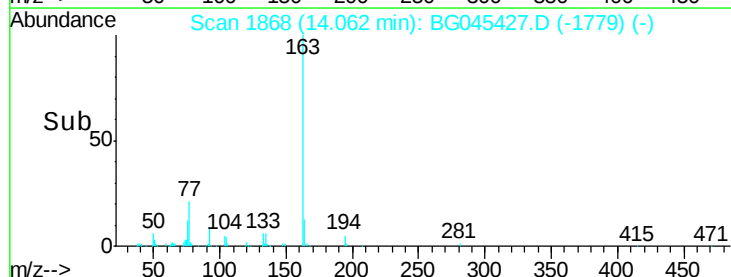
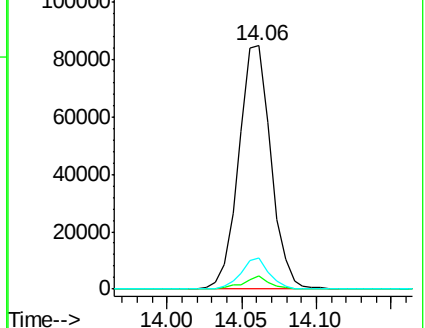
164 12.6 8.3 12.5#

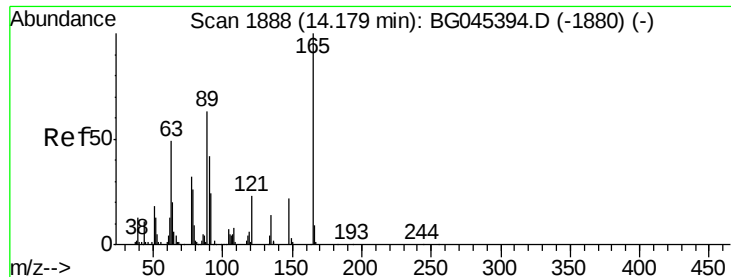


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

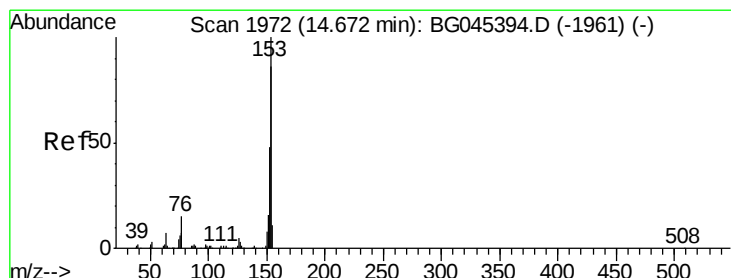
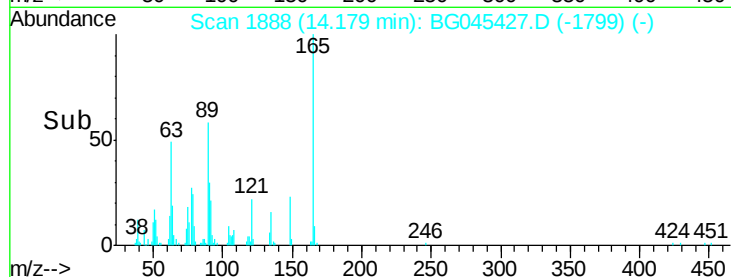
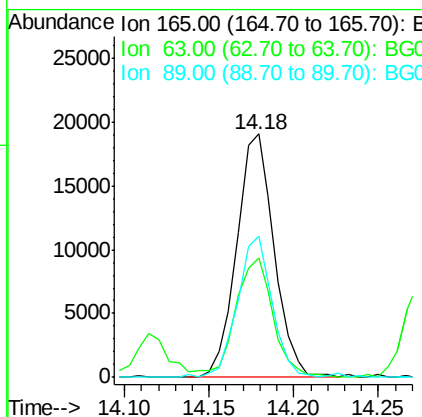
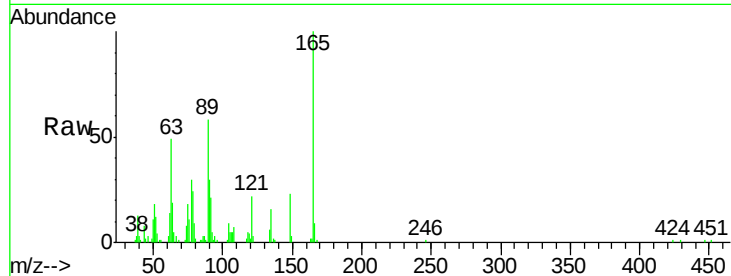




#51
 2,6-Dinitrotoluene
 Concen: 7.857 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

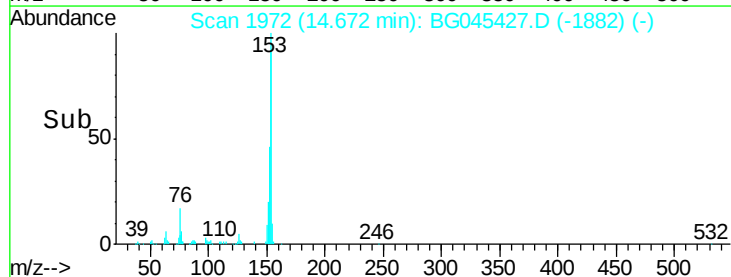
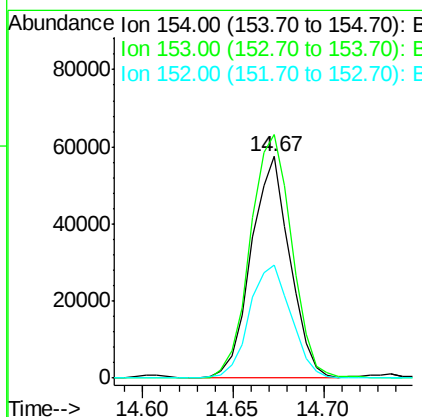
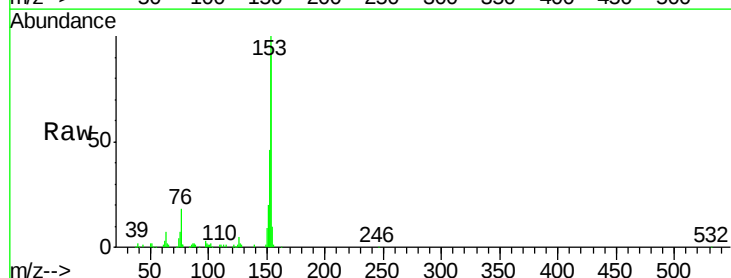
Instrument :
 BNA_G
 ClientSampled :

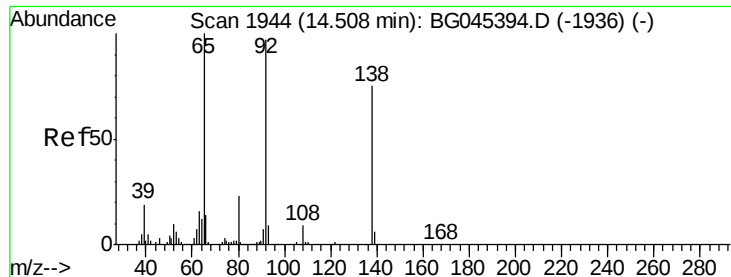
Tot Ion:165 Resp: 29301
 Ion Ratio Lower Upper
 165 100
 63 49.3 45.0 67.4
 89 57.9 50.2 75.4



#52
 Acenaphthene
 Concen: 6.550 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Tgt Ion:154 Resp: 84657
 Ion Ratio Lower Upper
 154 100
 153 109.9 92.8 139.2
 152 50.8 44.6 66.8

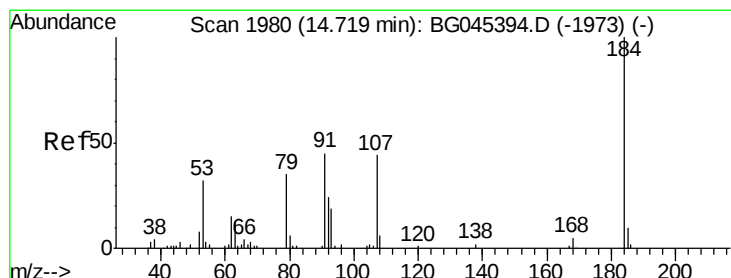
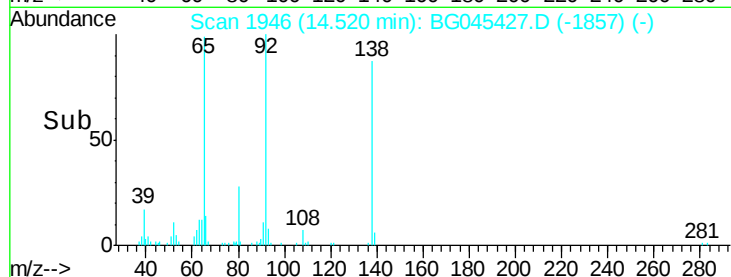
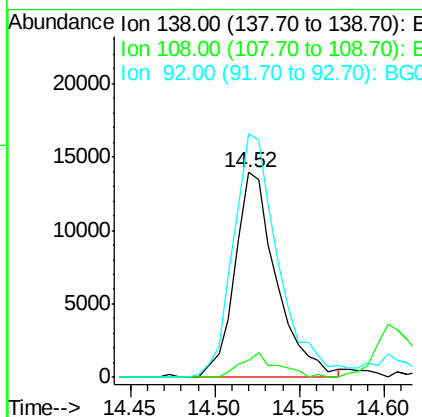
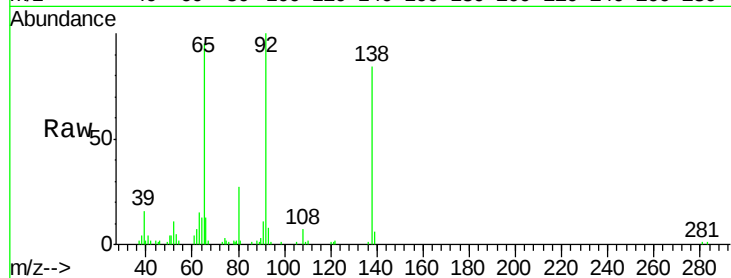




#53
 3-Nitroaniline
 Concen: 6.300 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

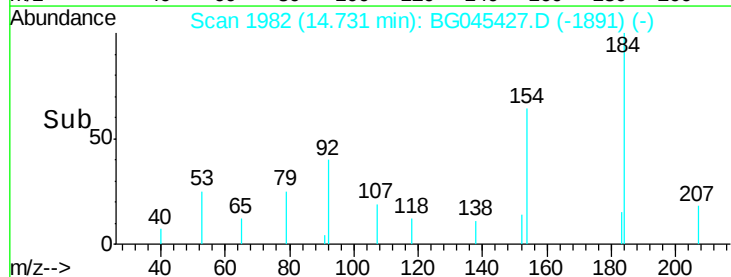
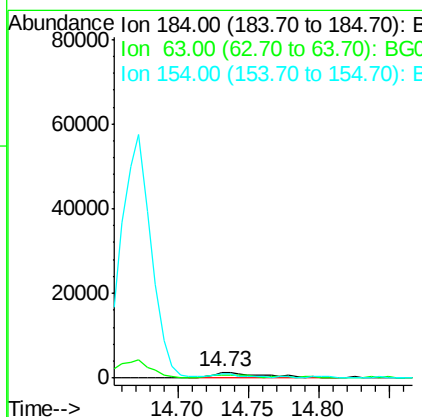
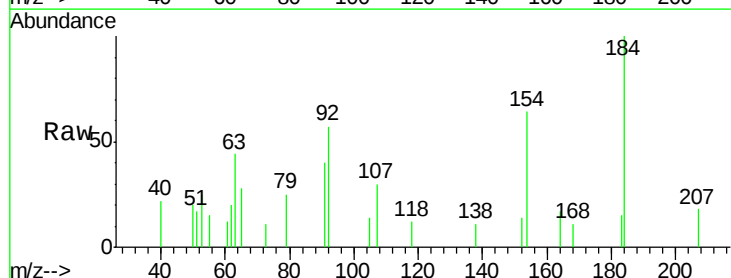
Instrument :
 BNA_G
 ClientSampleId :

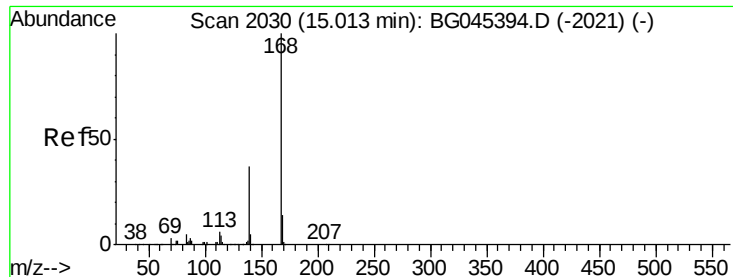
Tot Ion:138 Resp: 23883
 Ion Ratio Lower Upper
 138 100
 108 8.6 9.8 14.6#
 92 119.0 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 1.644 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Tgt Ion:184 Resp: 3561
 Ion Ratio Lower Upper
 184 100
 63 43.5 47.8 71.6#
 154 64.2 58.3 87.5

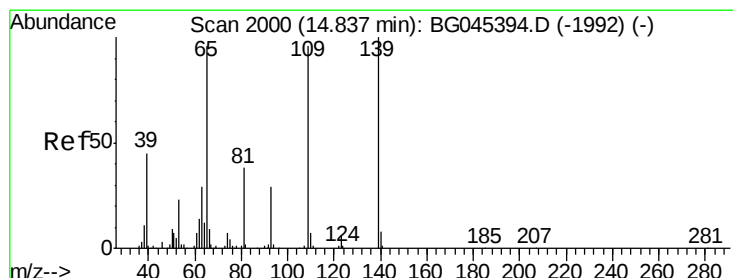
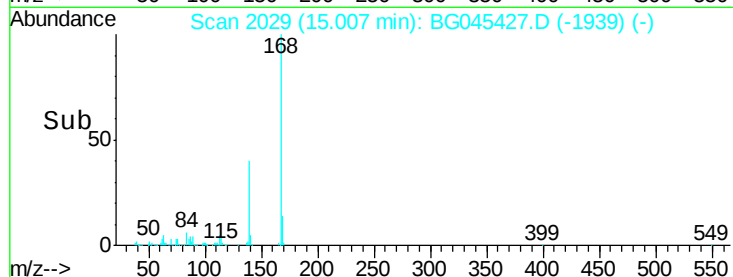
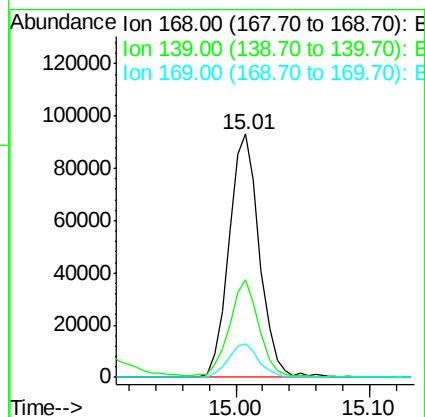
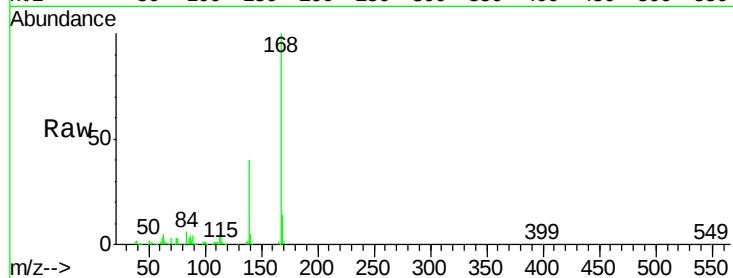




#55
Dibenzenofuran
Concen: 7.718 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

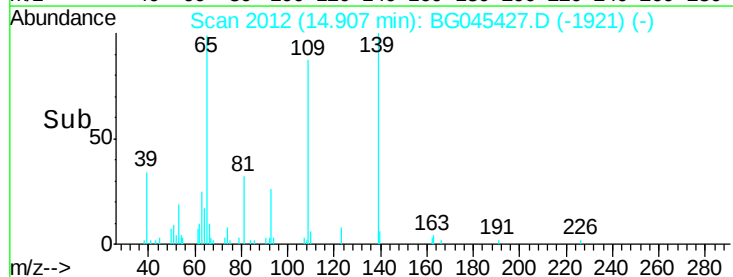
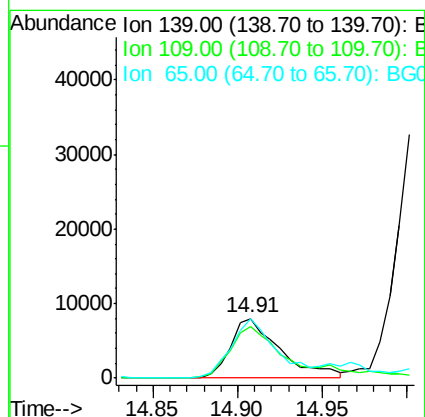
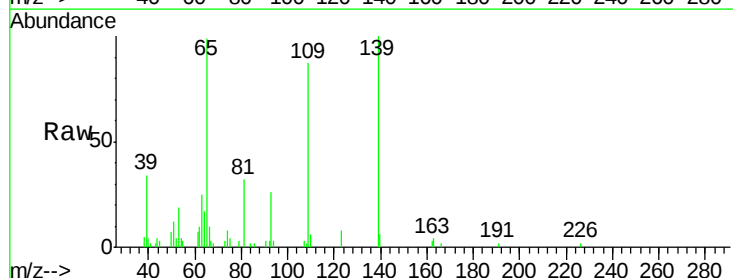
Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 148142
Ion Ratio Lower Upper
168 100
139 39.9 29.9 44.9
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 5.617 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:139 Resp: 16123
Ion Ratio Lower Upper
139 100
109 86.6 75.6 115.6
65 98.8 76.8 116.8

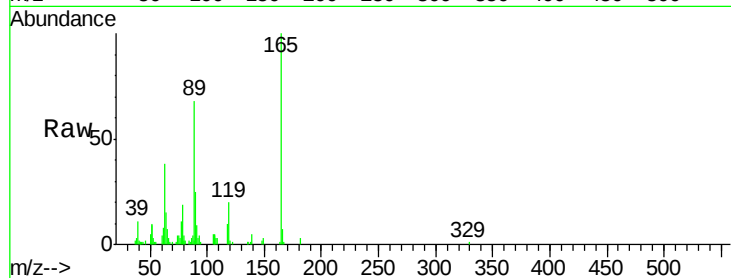




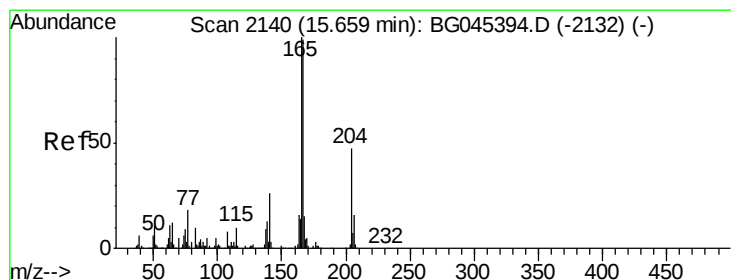
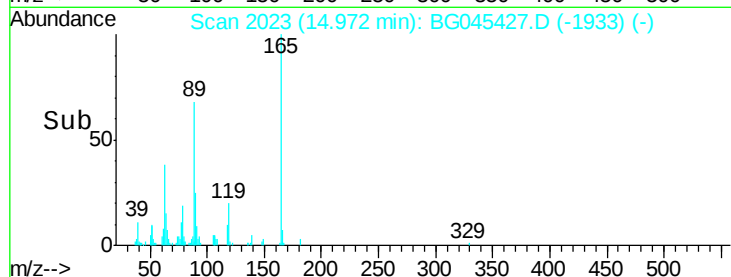
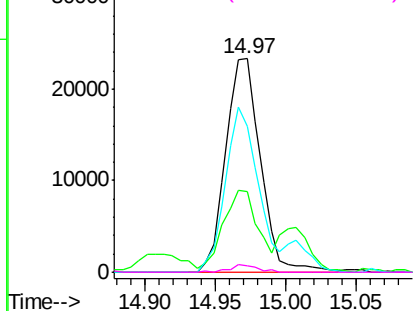
#57
2,4-Dinitrotoluene
Concen: 7.430 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 40130
Ion Ratio Lower Upper
165 100
63 38.1 32.5 48.7
89 68.4 61.8 92.6
182 2.9 2.3 3.5

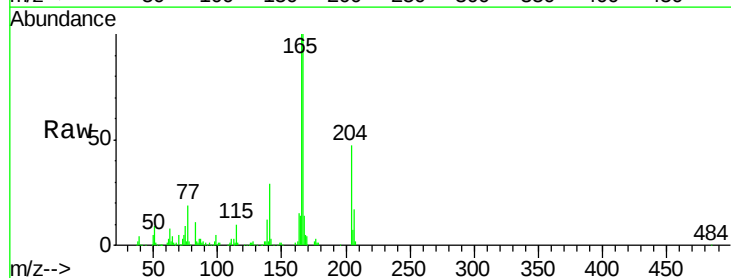


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

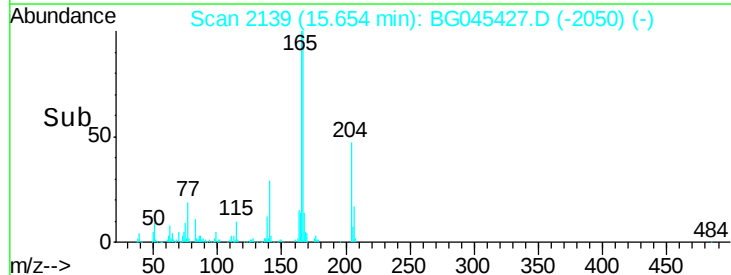
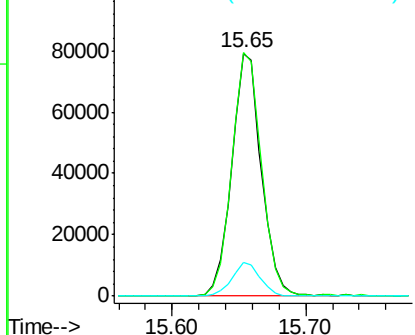


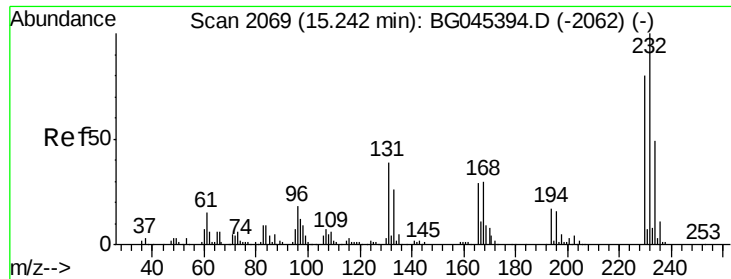
#58
Fluorene
Concen: 7.730 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:166 Resp: 121890
Ion Ratio Lower Upper
166 100
165 100.3 80.8 121.2
167 13.9 12.0 18.0



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

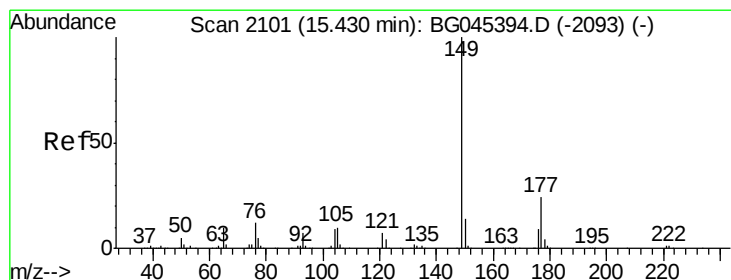
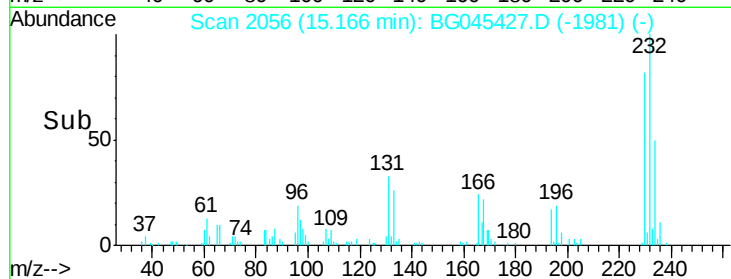
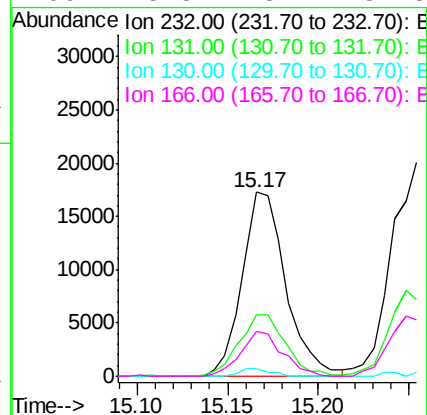
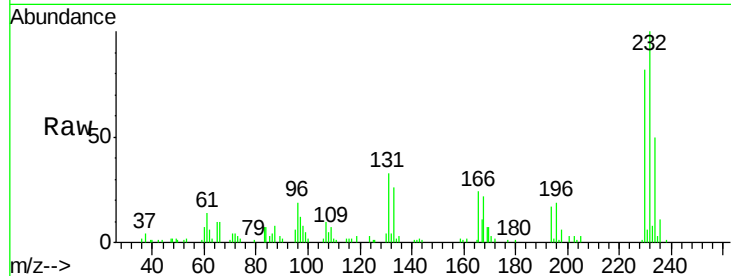




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.179 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.09 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

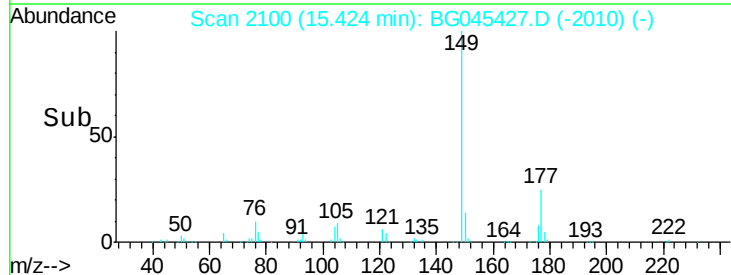
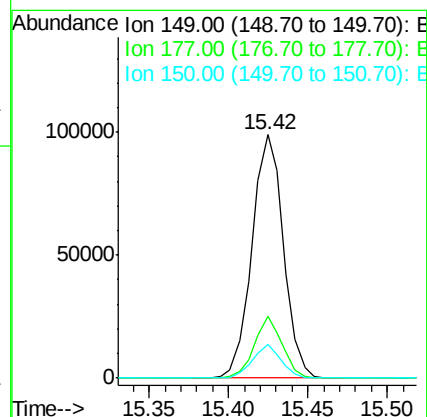
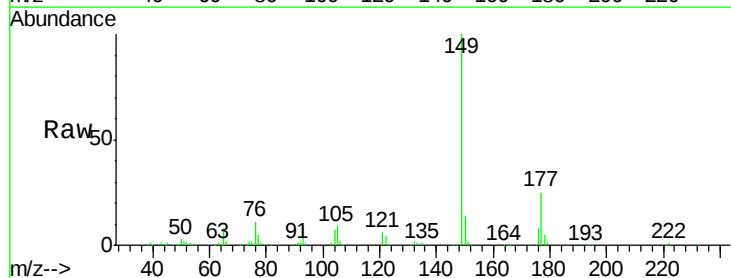
Instrument :
 BNA_G
 ClientSampleId :

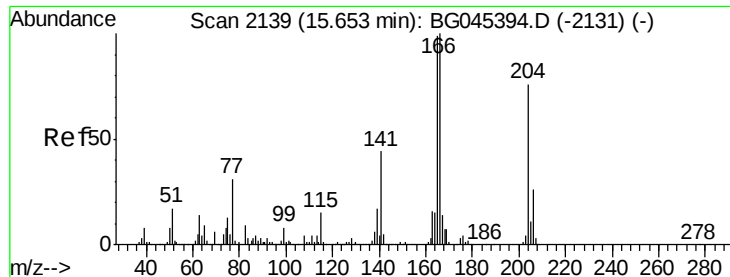
Tot Ion:232	Resp:	29042
Ion Ratio	Lower	Upper
232	100	
131	35.8	33.7 50.5
130	3.0	2.1 3.1
166	23.3	23.2 34.8



#60
 Diethylphthalate
 Concen: 7.909 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Tgt Ion:149	Resp:	136065
Ion Ratio	Lower	Upper
149	100	
177	25.3	19.0 28.4
150	13.8	11.4 17.0

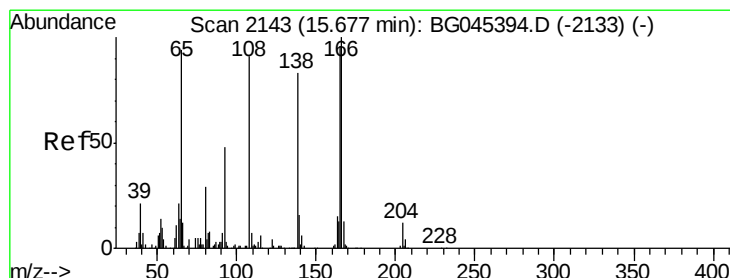
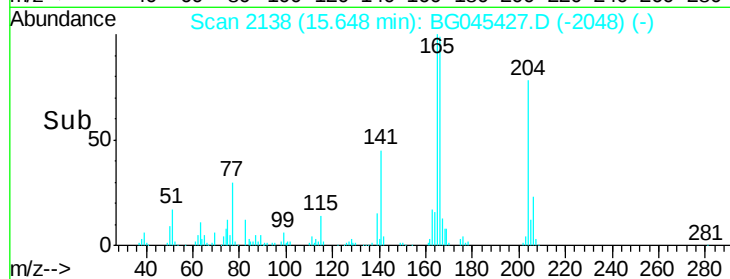
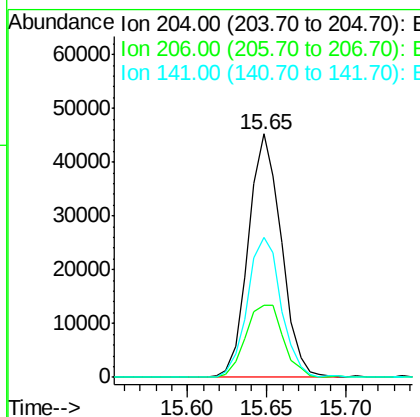
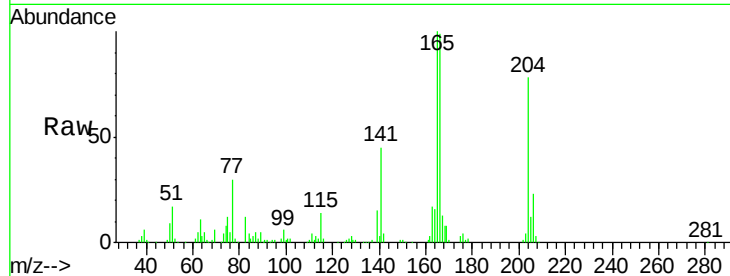




#61
4-Chlorophenyl-phenylether
Concen: 7.268 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

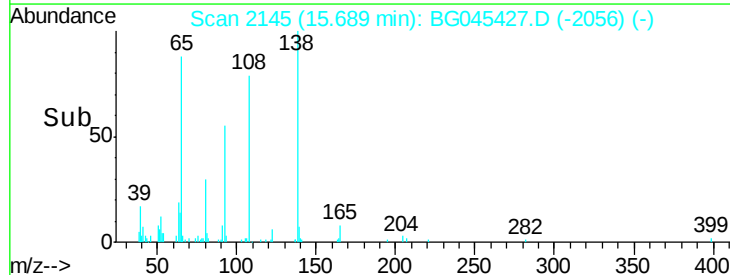
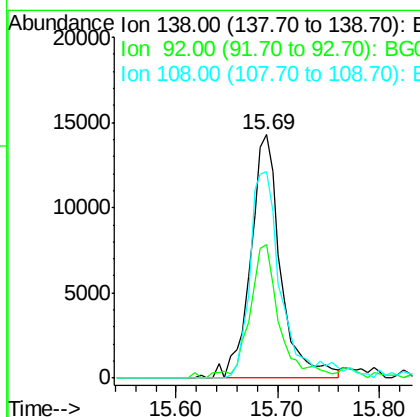
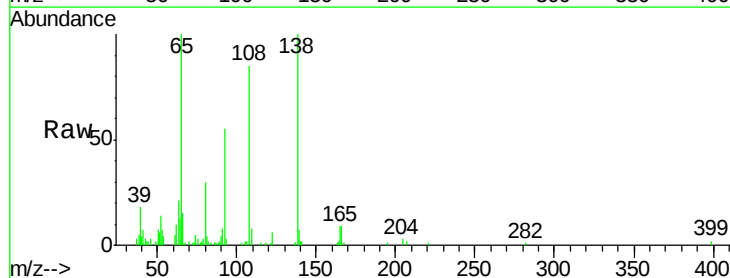
Instrument :
BNA_G
ClientSampled :

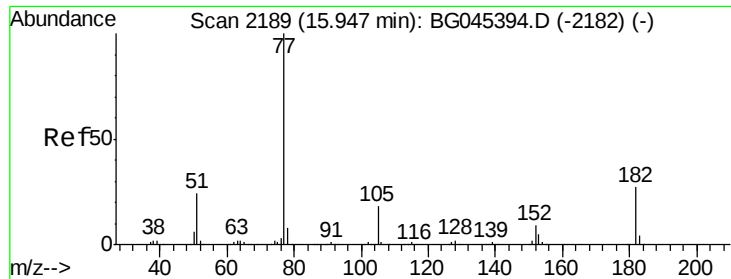
Tot Ion:204 Resp: 65582
Ion Ratio Lower Upper
204 100
206 29.4 27.3 40.9
141 57.5 45.9 68.9



#62
4-Nitroaniline
Concen: 7.421 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:138 Resp: 29371
Ion Ratio Lower Upper
138 100
92 54.9 38.0 78.0
108 84.8 89.3 129.3#





#63

Azobenzene

Concen: 7.620 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 122231

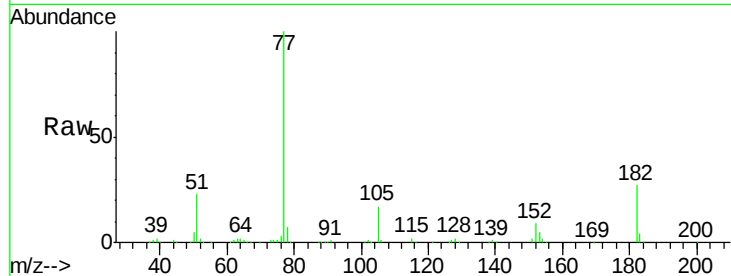
Ion Ratio Lower Upper

77 100

182 27.1 6.5 46.5

105 17.4 0.0 37.9

51 22.8 4.1 44.1

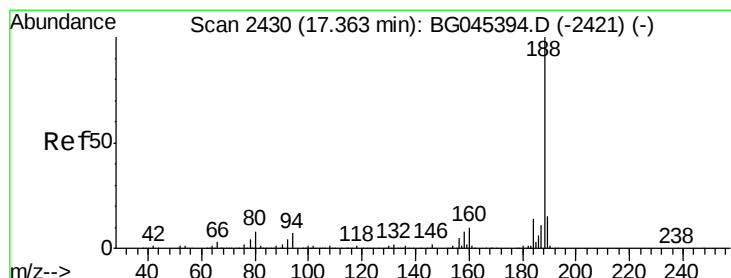
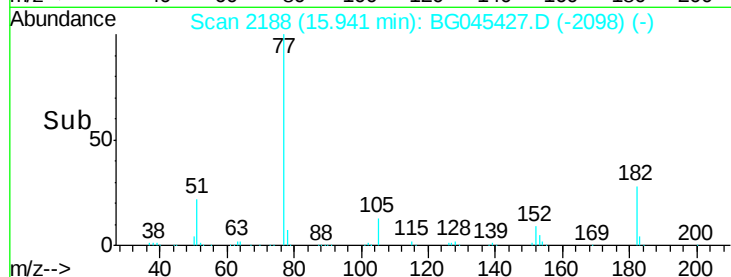
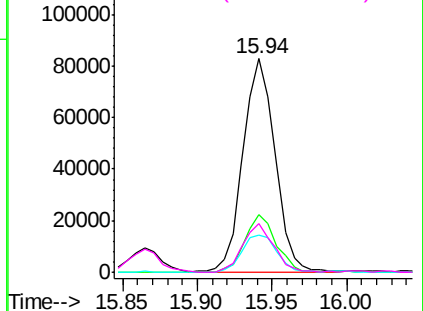


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

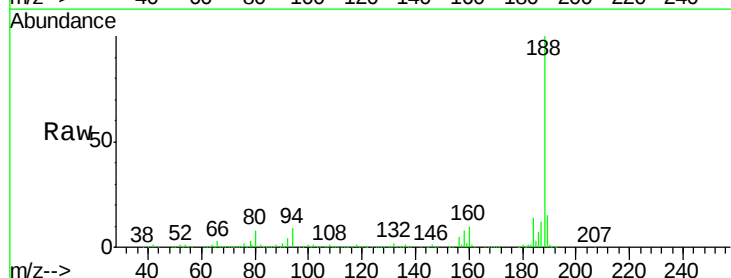
Tgt Ion: 188 Resp: 560631

Ion Ratio Lower Upper

188 100

94 8.7 5.5 8.3#

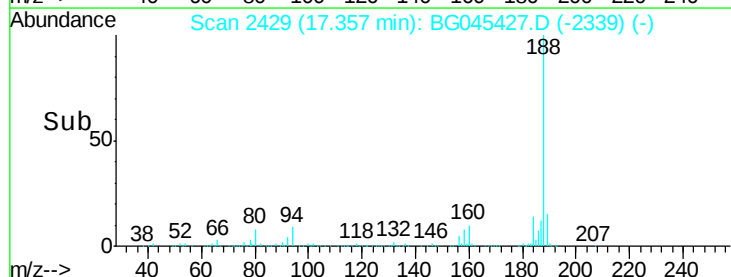
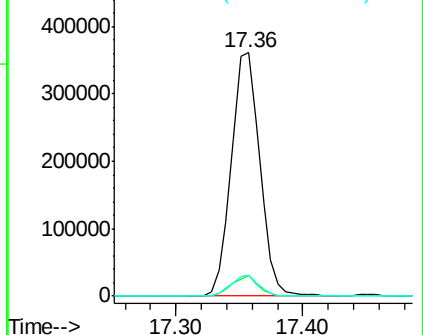
80 8.3 6.6 10.0

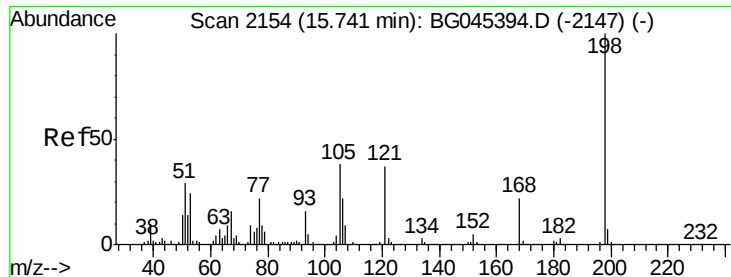


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 5.167 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

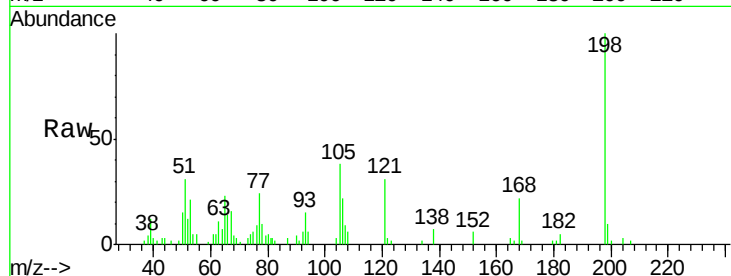
Tot Ion:198 Resp: 16871

Ion Ratio Lower Upper

198 100

51 31.1 10.0 50.0

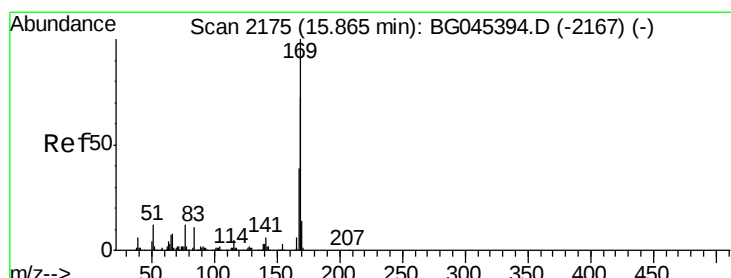
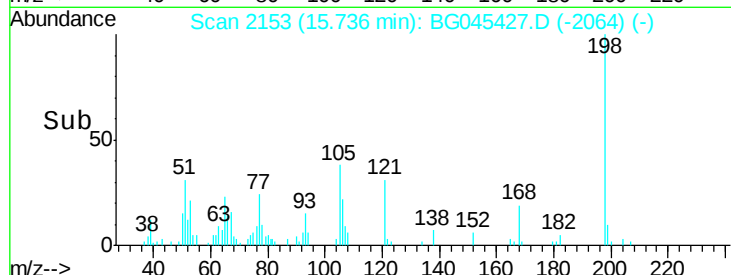
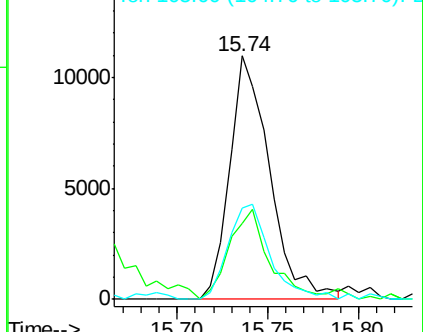
105 37.6 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 8.312 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

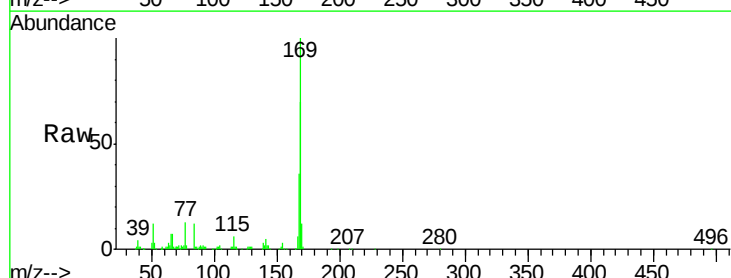
Tgt Ion:169 Resp: 111882

Ion Ratio Lower Upper

169 100

168 70.0 57.8 86.6

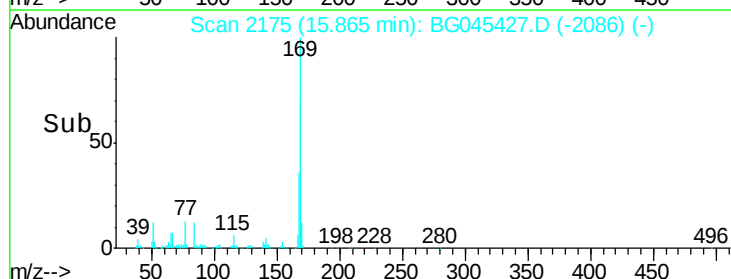
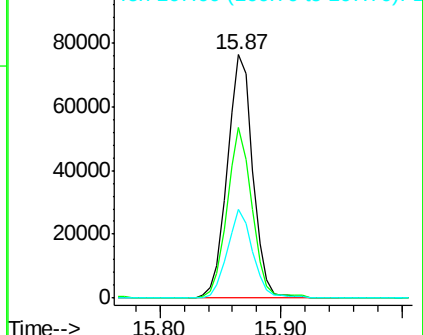
167 36.3 31.5 47.3

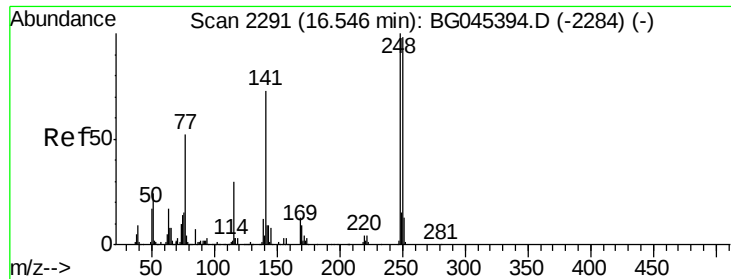


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

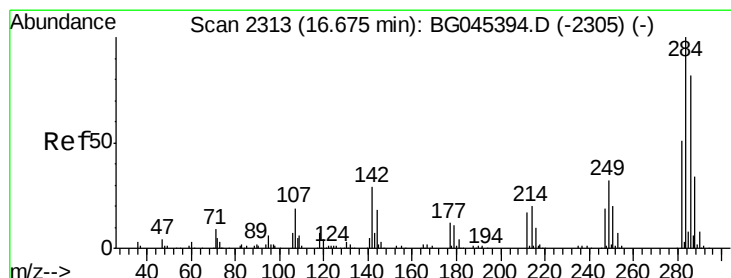
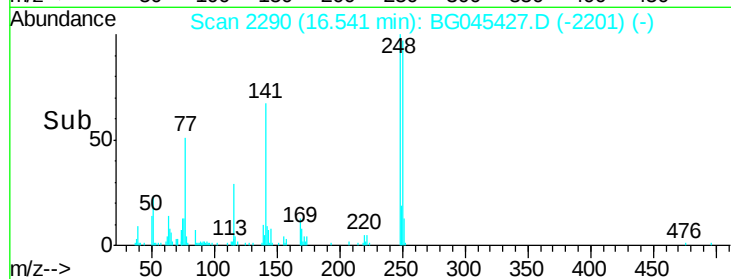
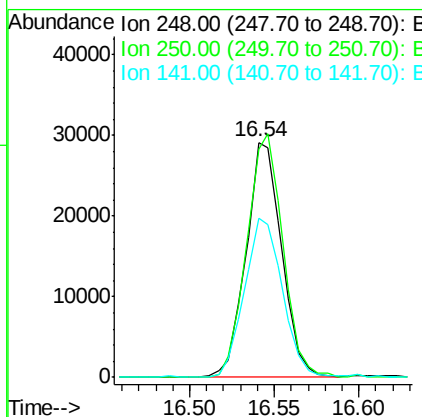
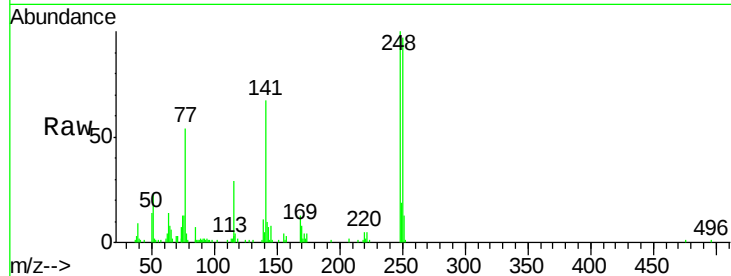




#67
 4-Bromophenyl-phenylether
 Concen: 7.048 ng
 RT: 16.54 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

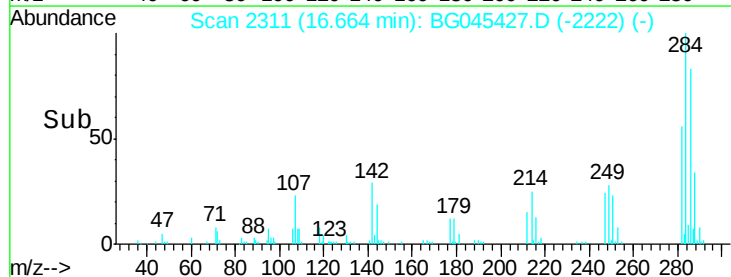
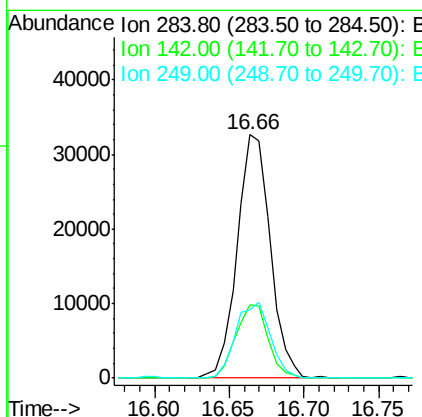
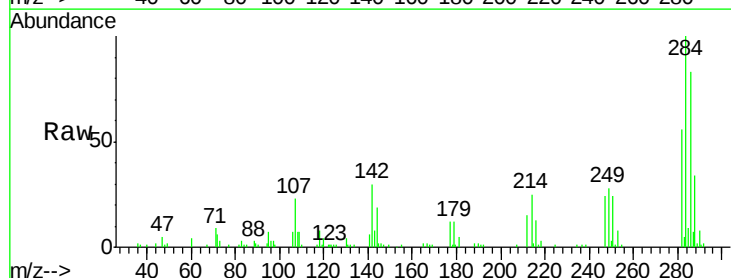
Instrument :
 BNA_G
 ClientSampleId :

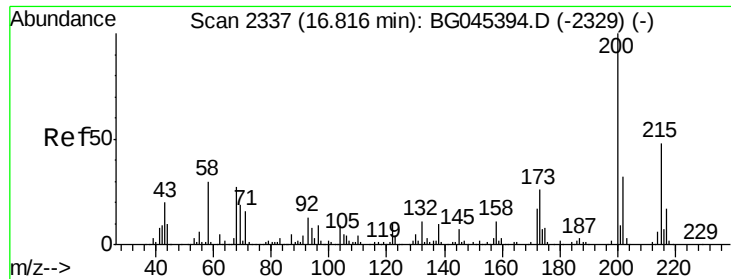
Tot Ion:248 Resp: 42786
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.6 117.8
 141 67.5 58.2 87.2



#68
 Hexachlorobenzene
 Concen: 7.912 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG045427.D
 Acq: 19 May 2020 16:45

Tgt Ion:284 Resp: 50237
 Ion Ratio Lower Upper
 284 100
 142 30.1 23.0 34.6
 249 27.9 25.8 38.6

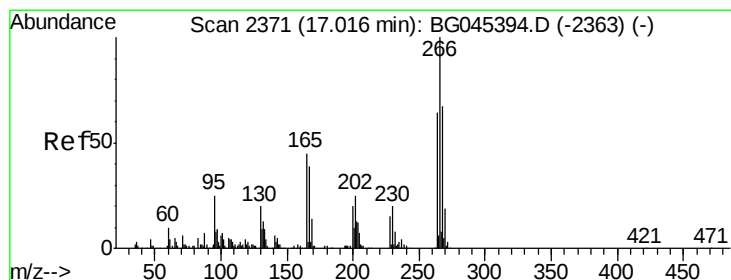
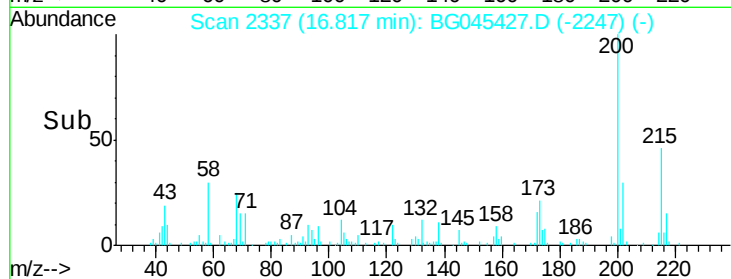
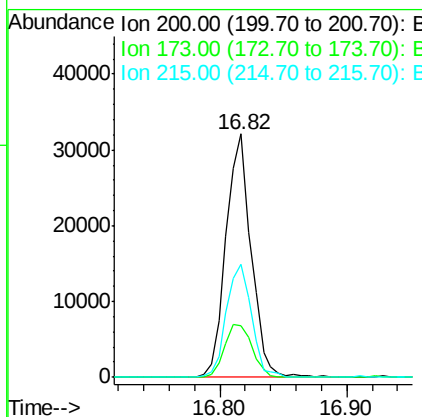
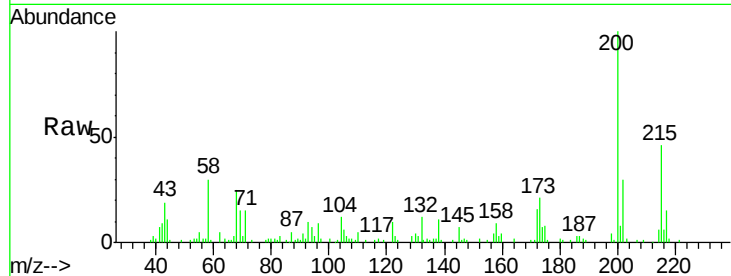




#69
Atrazine
Concen: 7.917 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

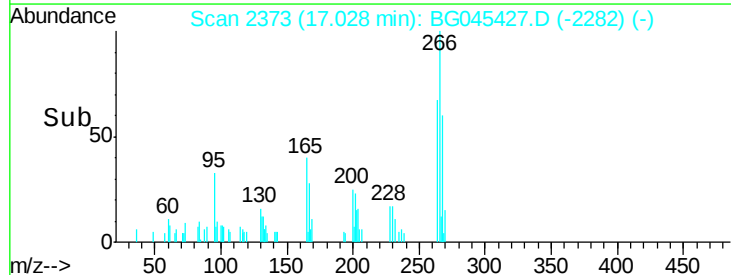
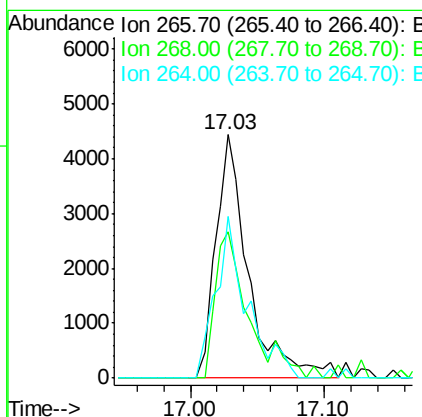
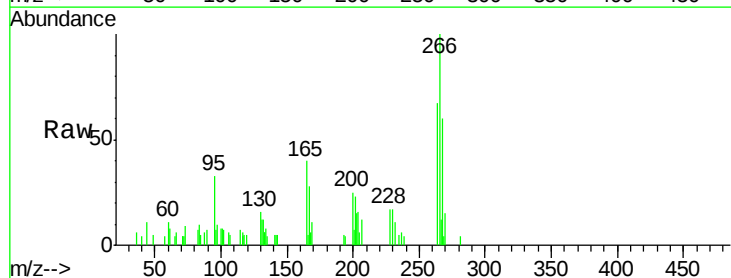
Instrument :
BNA_G
ClientSampled :

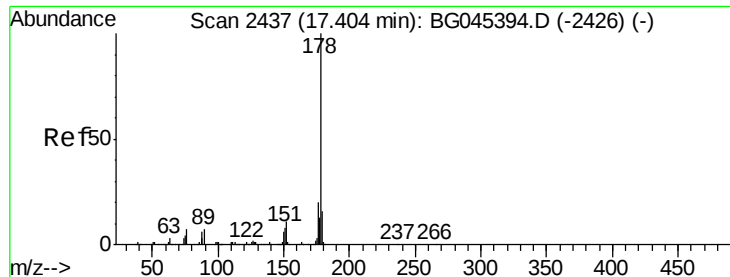
Tot Ion:200 Resp: 43896
Ion Ratio Lower Upper
200 100
173 21.4 5.5 45.5
215 46.2 28.2 68.2



#70
Pentachlorophenol
Concen: 2.315 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:266 Resp: 7631
Ion Ratio Lower Upper
266 100
268 59.9 53.2 79.8
264 66.6 51.0 76.4

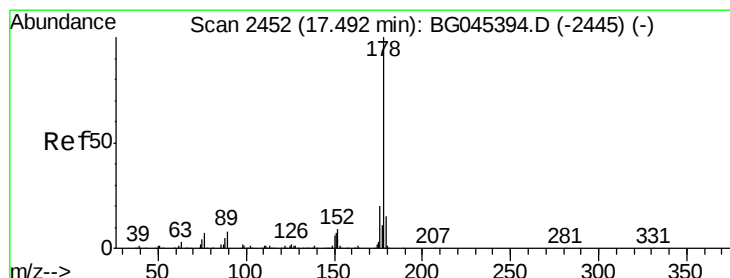
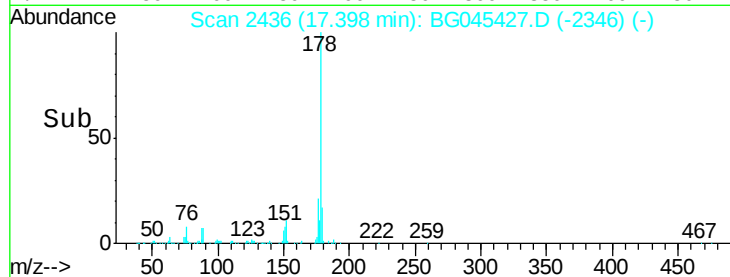
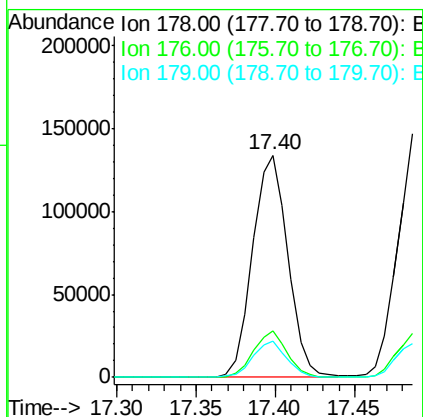
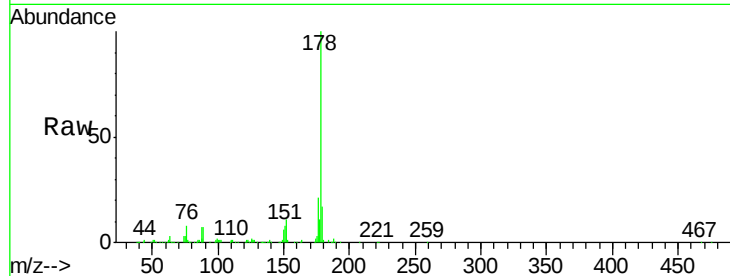




#71
Phenanthrene
Concen: 8.493 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

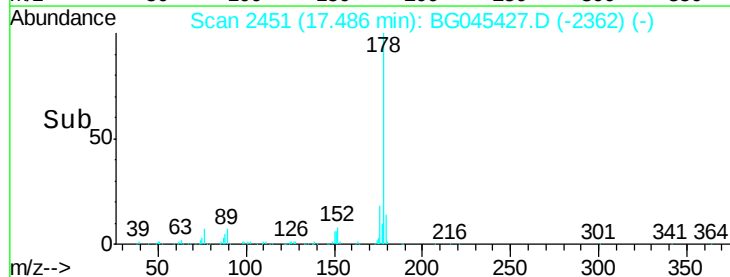
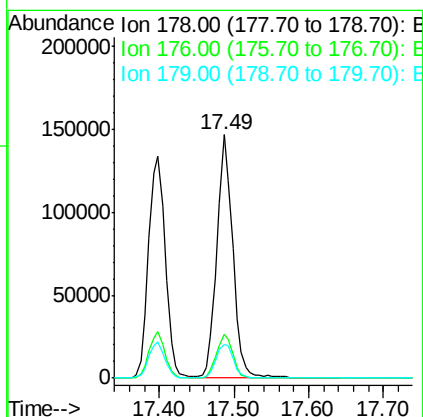
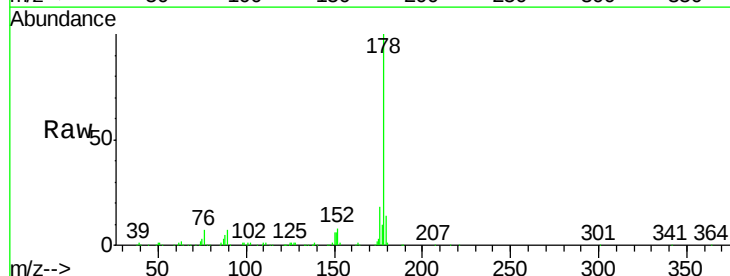
Instrument :
BNA_G
ClientSampleId :

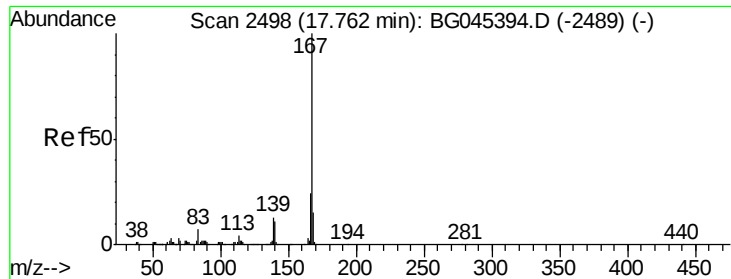
Tot Ion:178 Resp: 207863
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.6 13.1 19.7



#72
Anthracene
Concen: 8.836 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:178 Resp: 217177
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 14.0 12.2 18.4





#73

Carbazole

Concen: 8.413 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

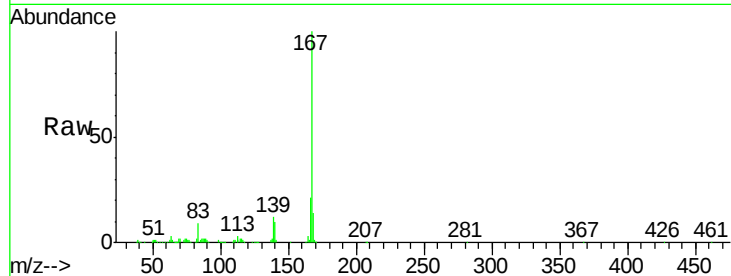
Tot Ion:167 Resp: 201548

Ion Ratio Lower Upper

167 100

166 21.2 19.2 28.8

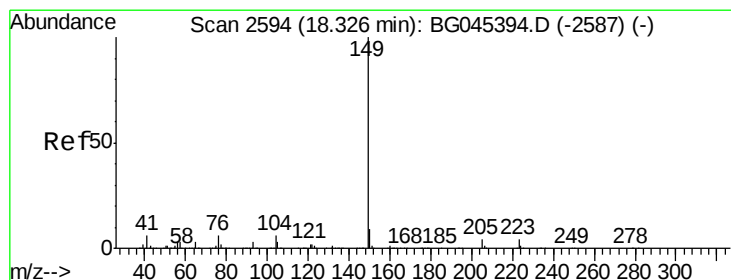
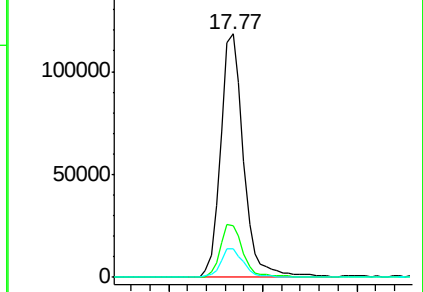
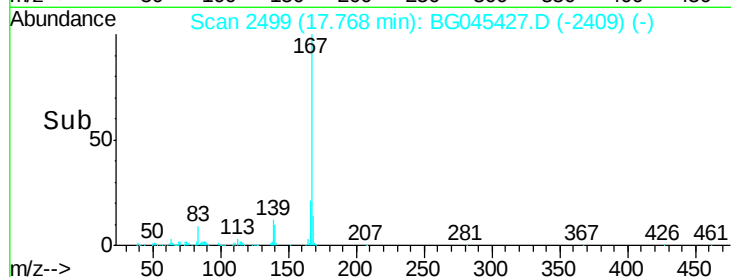
139 11.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 8.496 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

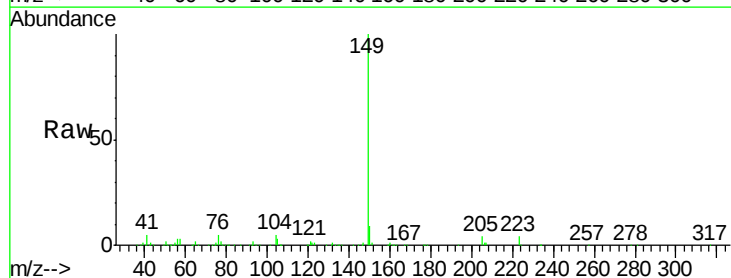
Tgt Ion:149 Resp: 244309

Ion Ratio Lower Upper

149 100

150 8.6 7.6 11.4

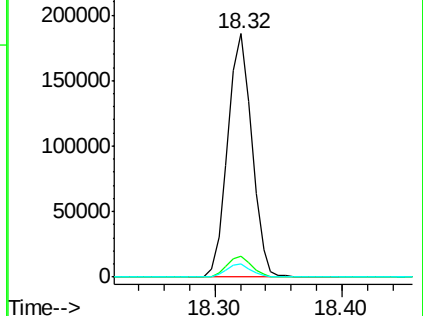
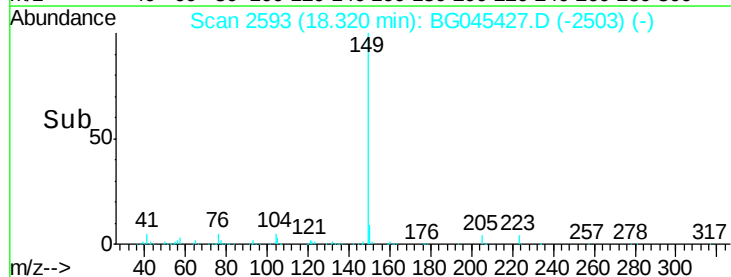
104 5.3 5.0 7.4

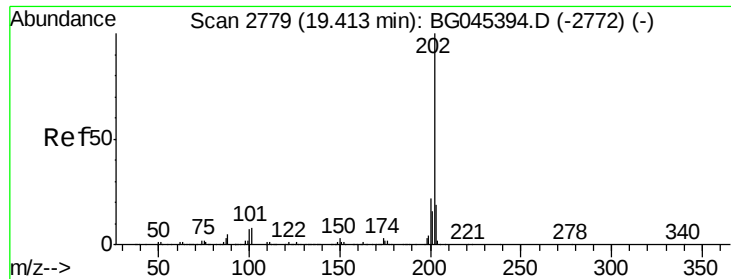


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.781 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045427.D

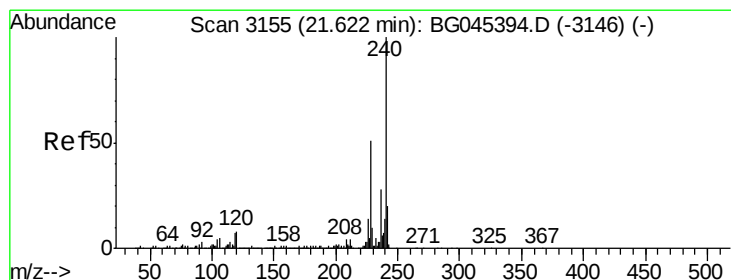
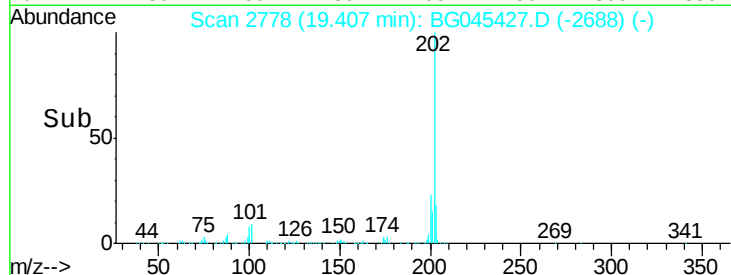
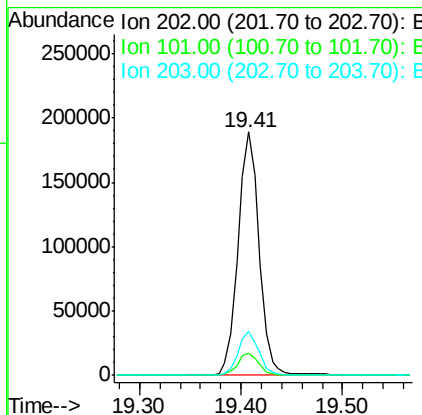
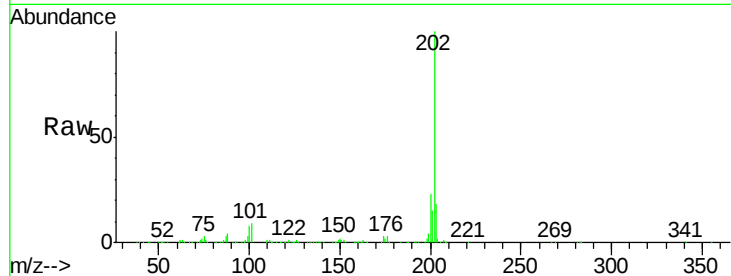
Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	273361
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.3
203	18.3	0.0	39.0



#76

Chrysene-d12

Concen: 20.000 ng

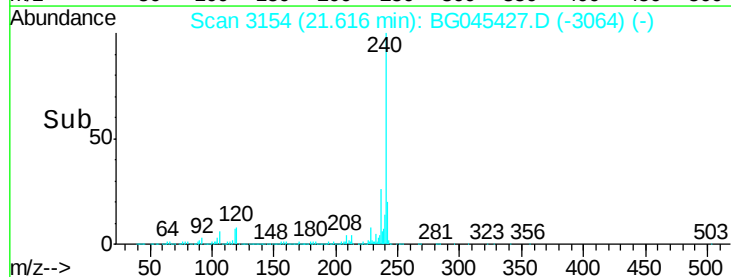
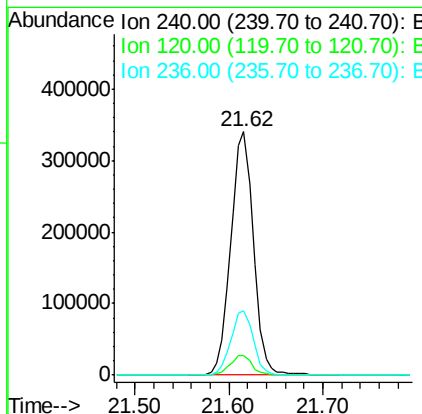
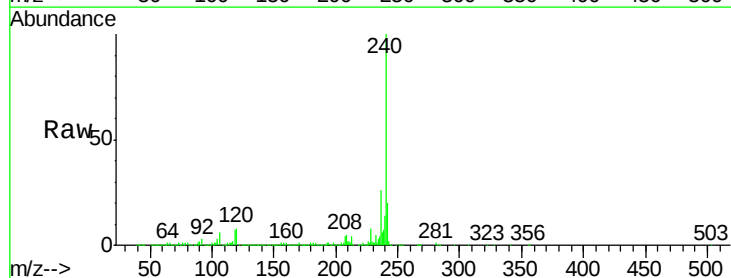
RT: 21.62 min Scan# 3154

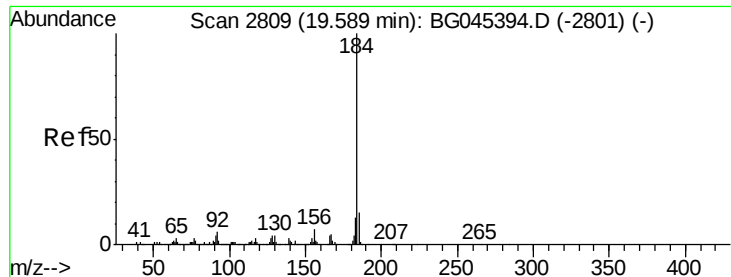
Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Tgt Ion:	240	Resp:	570761
Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.1	9.1
236	26.3	22.3	33.5





#77

Benzidine

Concen: 7.265 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

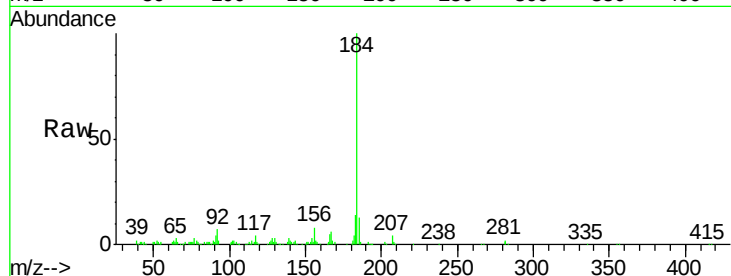
Tot Ion:184 Resp: 116464

Ion Ratio Lower Upper

184 100

185 13.2 11.7 17.5

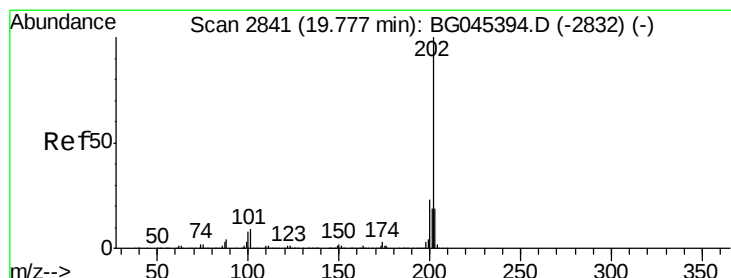
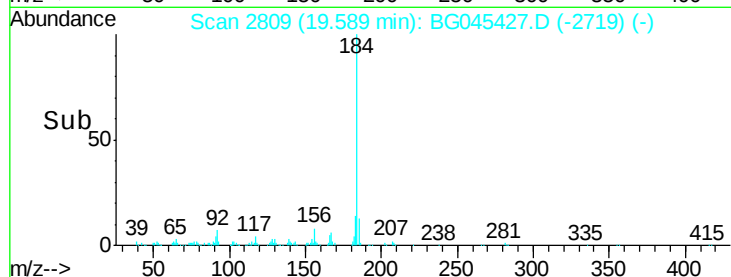
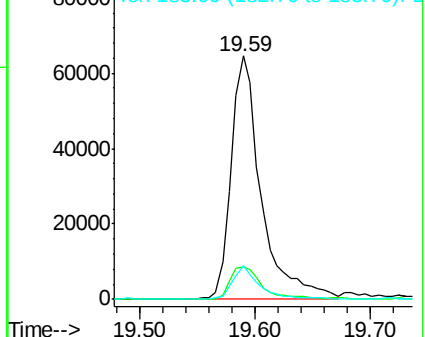
183 13.6 10.2 15.4



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



#78

Pyrene

Concen: 8.605 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

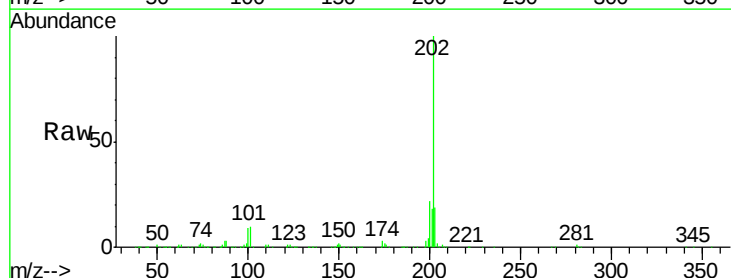
Tgt Ion:202 Resp: 279981

Ion Ratio Lower Upper

202 100

200 21.7 18.2 27.2

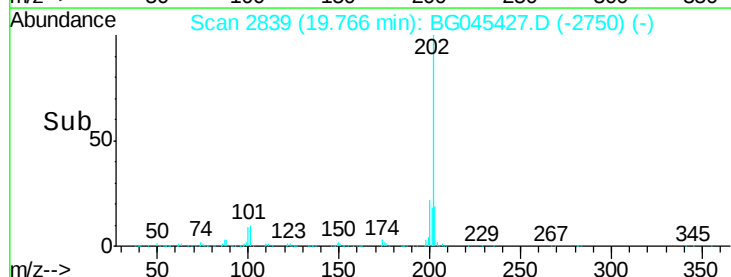
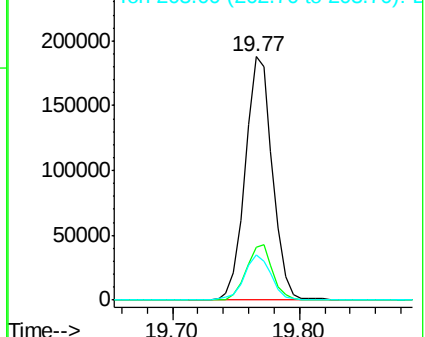
203 18.7 15.1 22.7

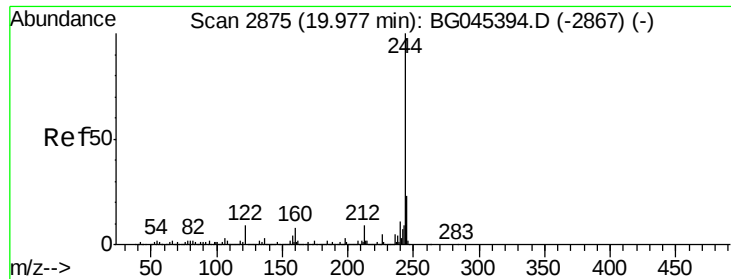


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.050 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

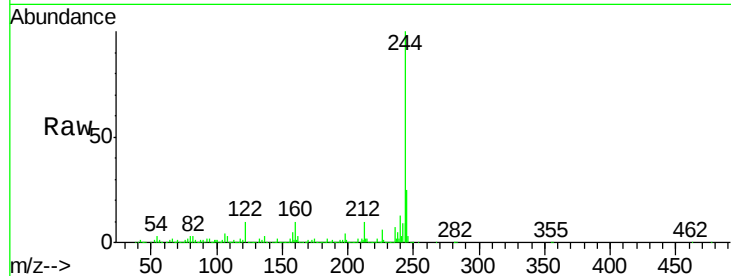
Tot Ion:244 Resp: 2350530

Ion Ratio Lower Upper

244 100

212 10.4 7.4 11.0

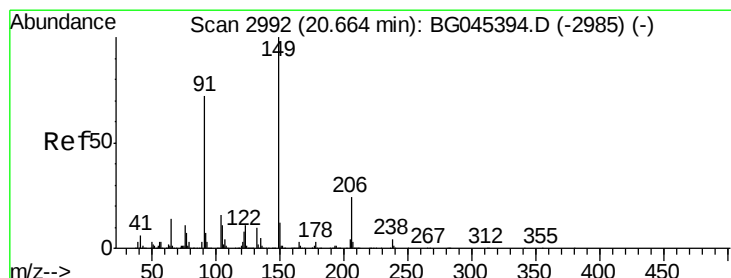
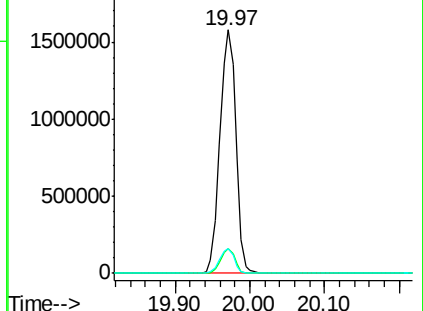
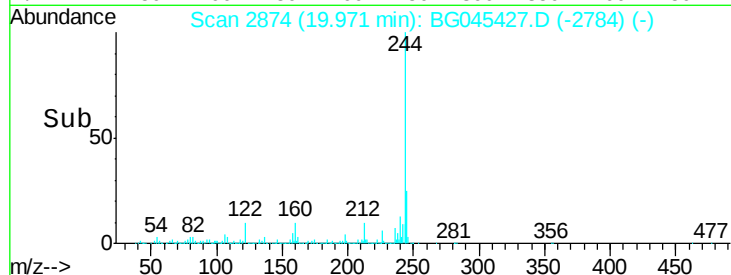
122 10.4 6.8 10.2#



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



#80

Butylbenzylphthalate

Concen: 7.928 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

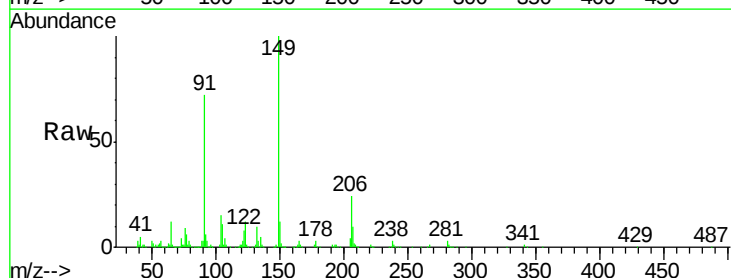
Tgt Ion:149 Resp: 111330

Ion Ratio Lower Upper

149 100

91 72.0 57.8 86.6

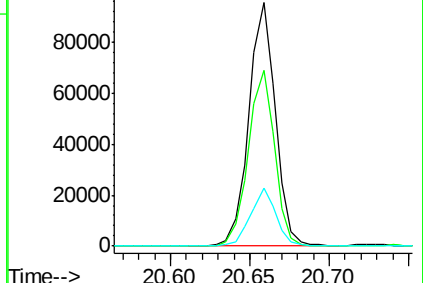
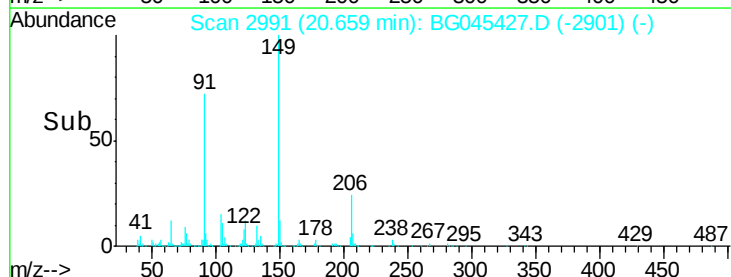
206 23.8 19.1 28.7

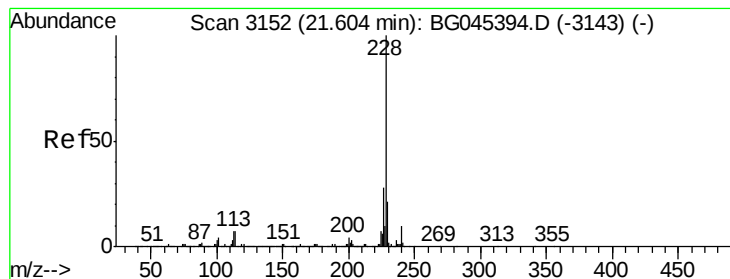


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.484 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

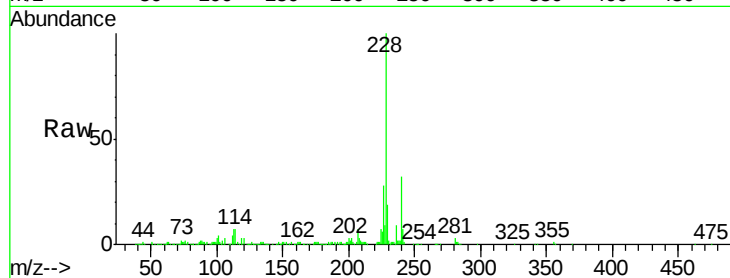
Tot Ion:228 Resp: 269762

Ion Ratio Lower Upper

228 100

226 27.5 22.7 34.1

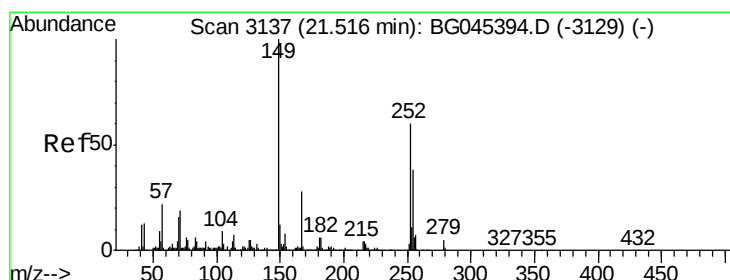
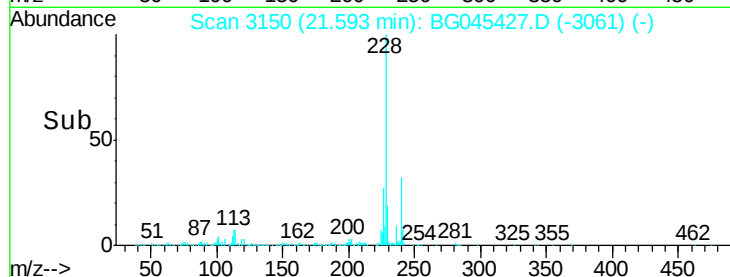
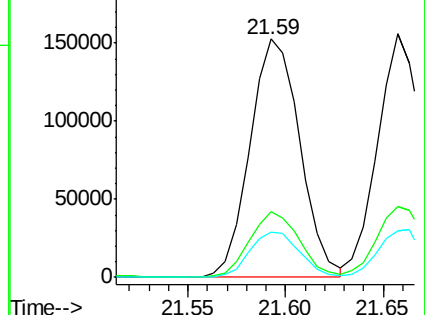
229 19.0 16.7 25.1



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



#82

3,3'-Dichlorobenzidine

Concen: 8.585 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

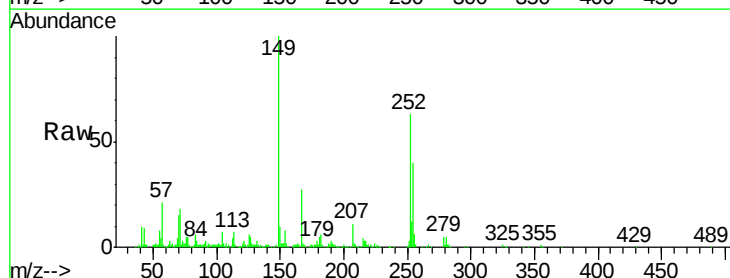
Tgt Ion:252 Resp: 107074

Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

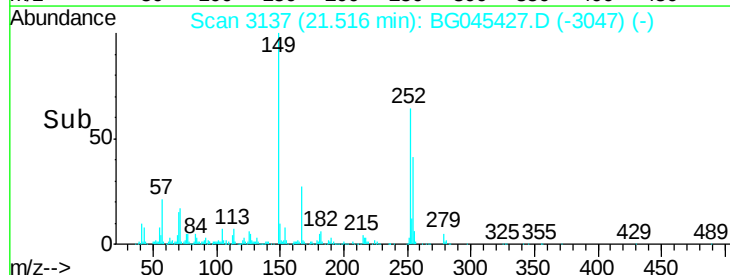
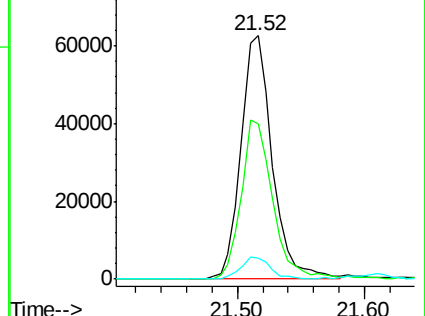
126 8.7 6.6 10.0

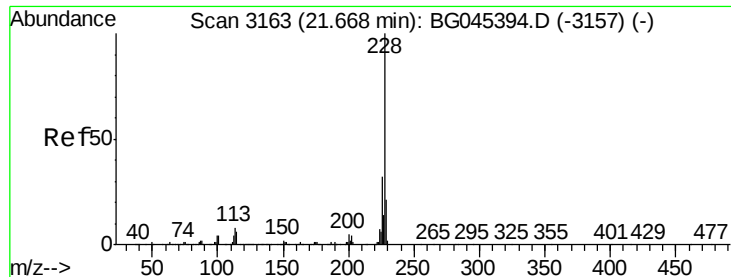


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 8.506 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

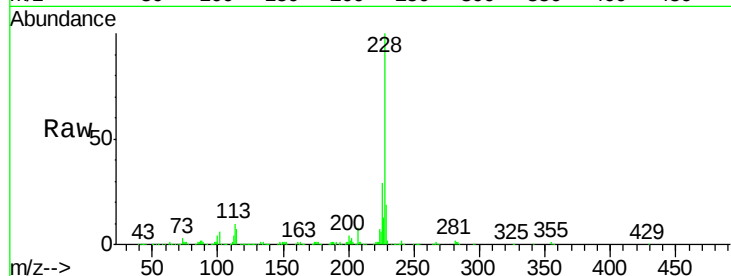
Tot Ion:228 Resp: 260043

Ion Ratio Lower Upper

228 100

226 29.2 25.2 37.8

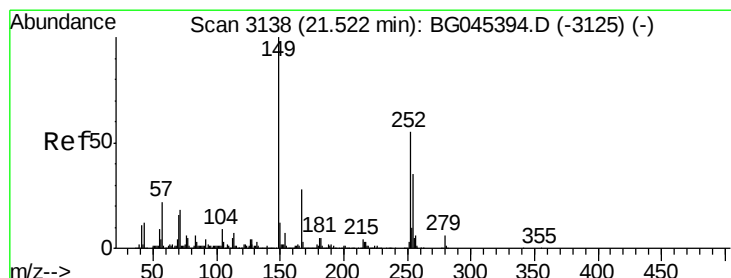
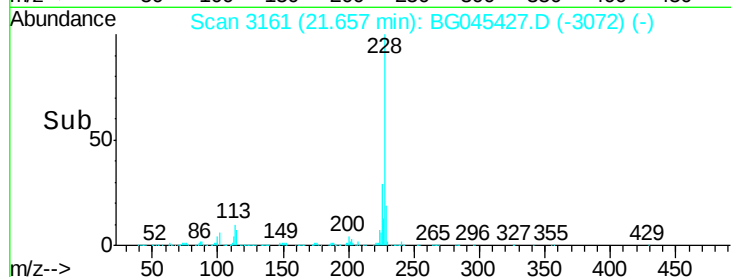
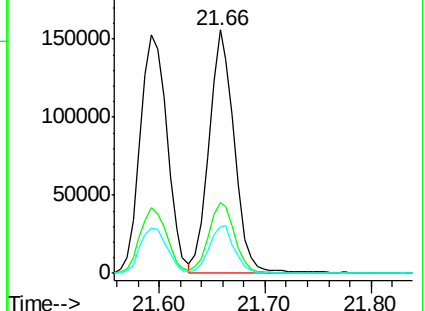
229 19.3 16.7 25.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.149 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

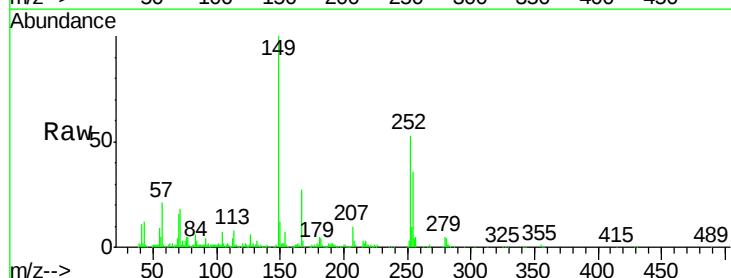
Tgt Ion:149 Resp: 157314

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

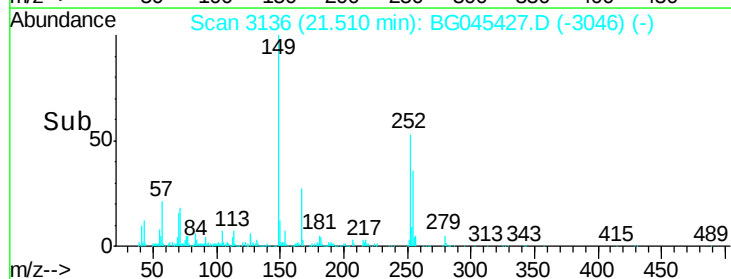
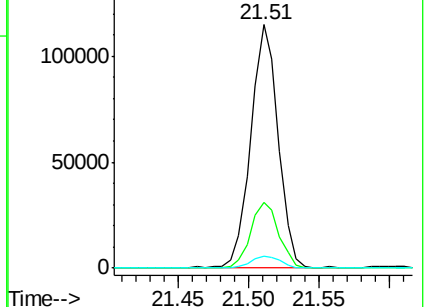
279 4.9 4.7 7.1

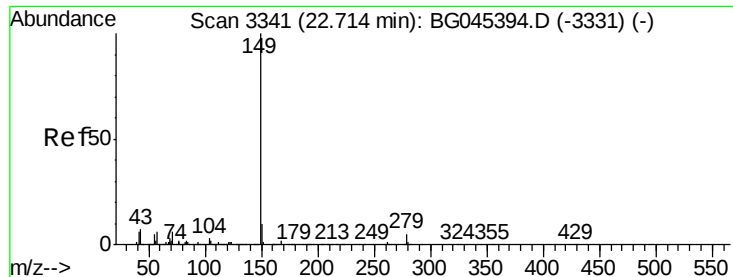


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

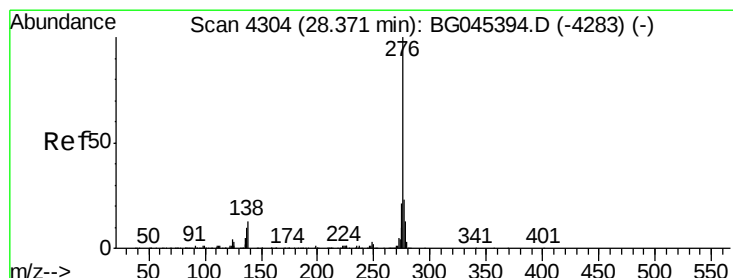
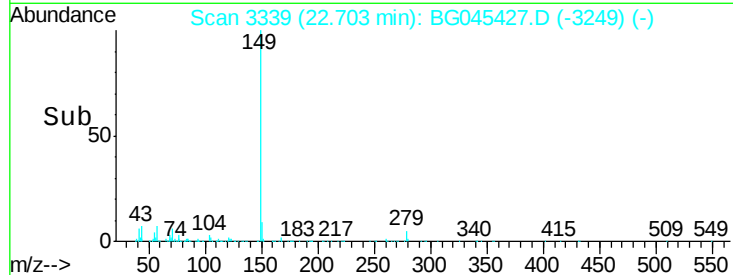
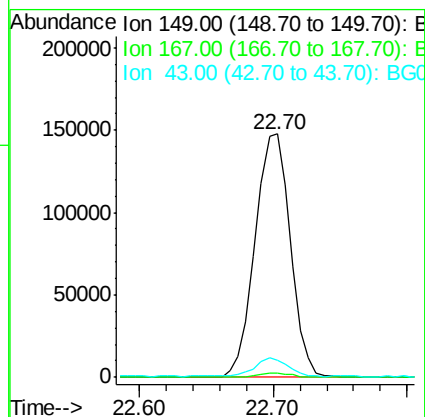
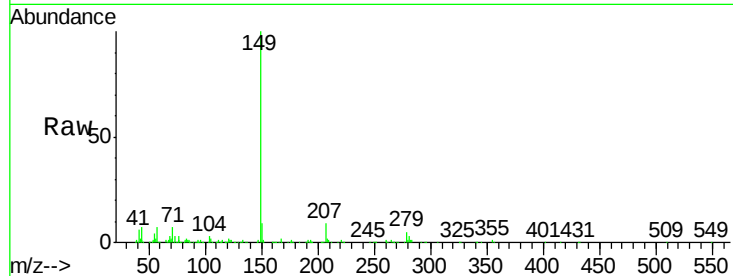




#85
Di-n-octyl phthalate
Concen: 8.107 ng
RT: 22.70 min Scan# 3339
Delta R.T. -0.00 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

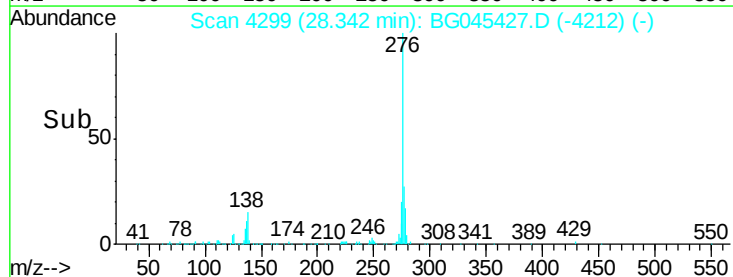
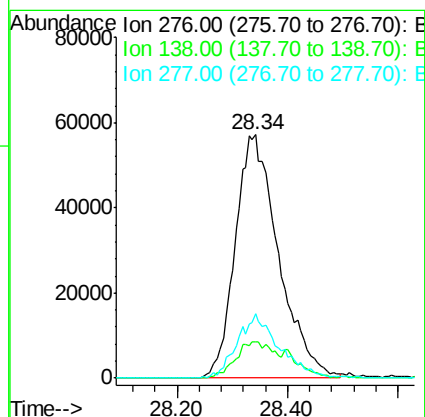
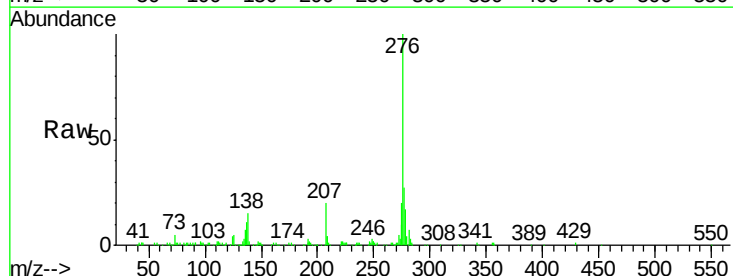
Instrument :
BNA_G
ClientSampleId :

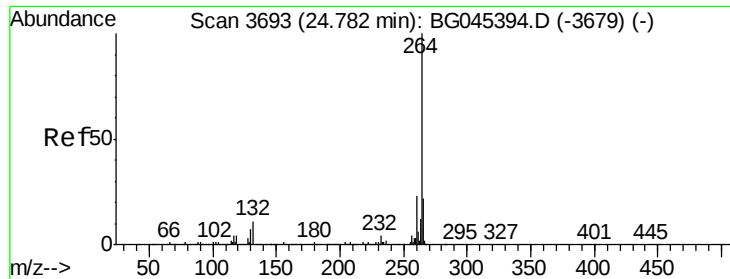
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.3	5.8	8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 7.784 ng
RT: 28.34 min Scan# 4299
Delta R.T. -0.02 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.3	8.6	12.8#
277	25.3	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

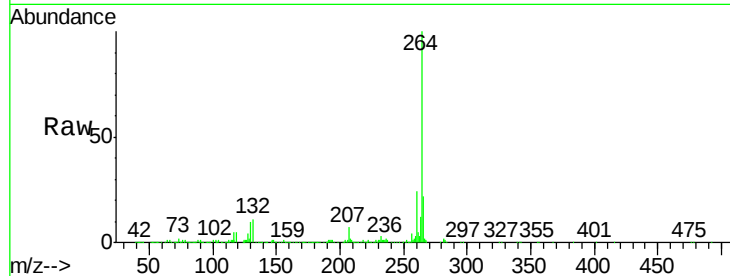
Tot Ion:264 Resp: 612500

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

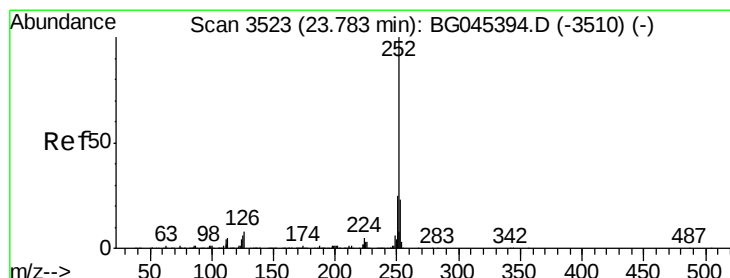
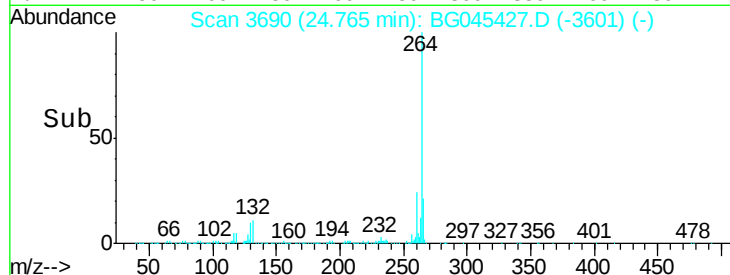
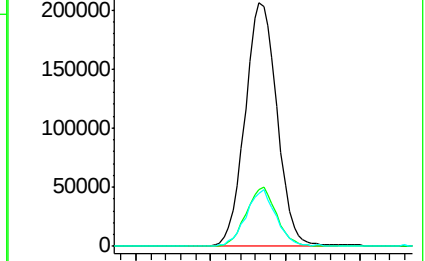
265 21.5 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.184 ng

RT: 23.77 min Scan# 3521

Delta R.T. -0.00 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

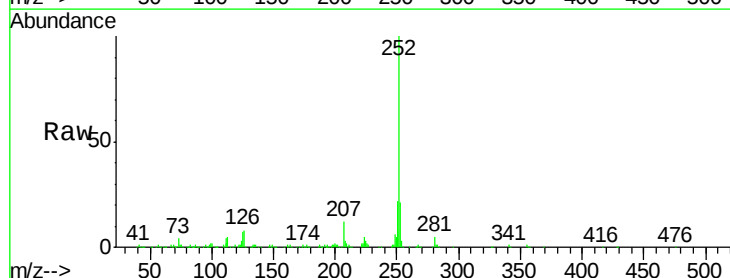
Tgt Ion:252 Resp: 268827

Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

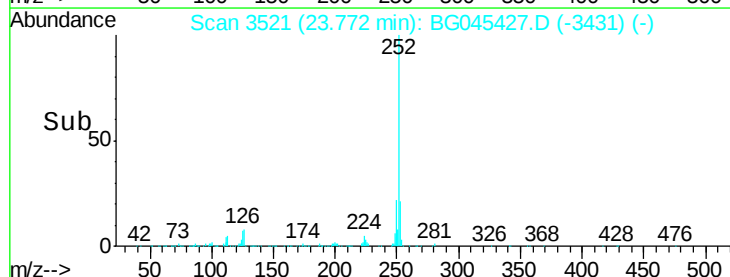
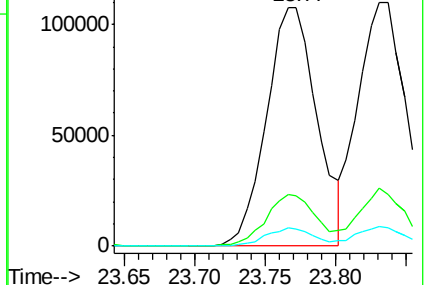
125 7.3 5.0 7.6



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(k)fluoranthene

Concen: 8.530 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

Instrument :

BNA_G

ClientSampleId :

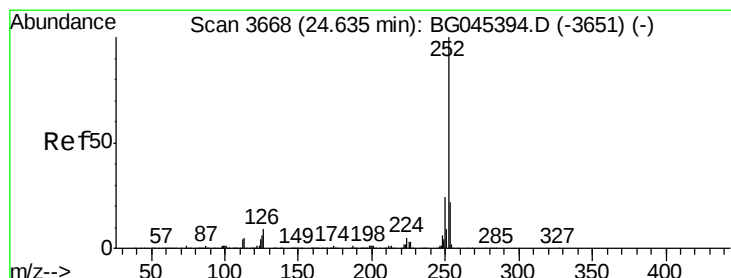
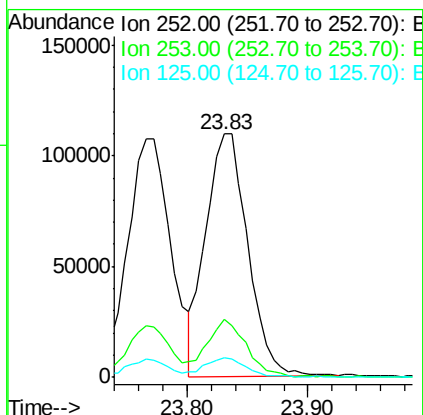
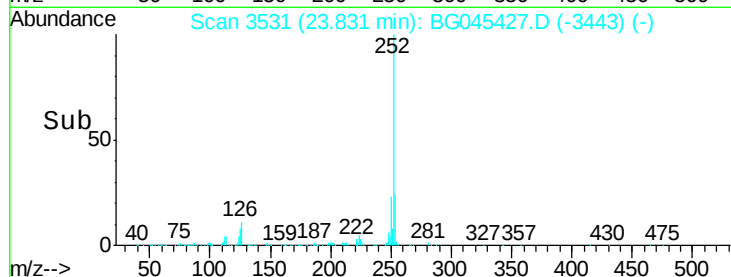
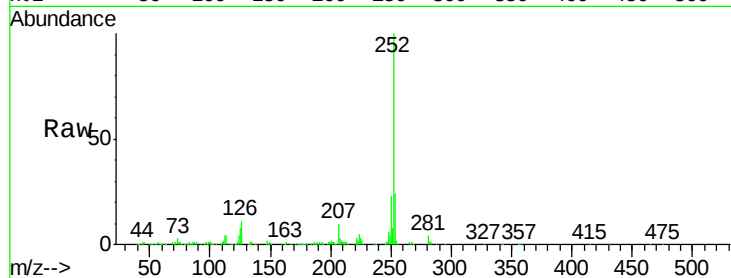
Tot Ion:252 Resp: 263254

Ion Ratio Lower Upper

252 100

253 24.0 18.4 27.6

125 7.8 5.7 8.5



#90

Benzo(a)pyrene

Concen: 7.984 ng

RT: 24.62 min Scan# 3665

Delta R.T. -0.01 min

Lab File: BG045427.D

Acq: 19 May 2020 16:45

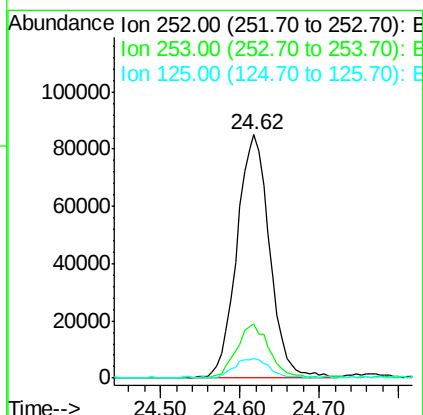
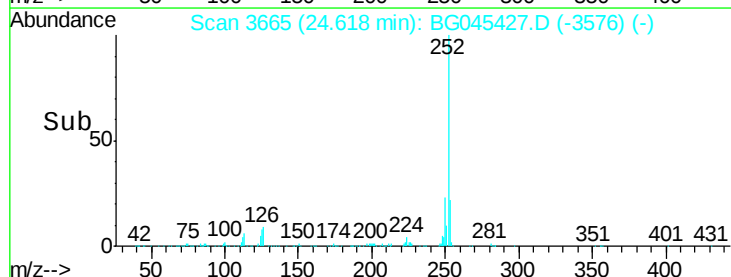
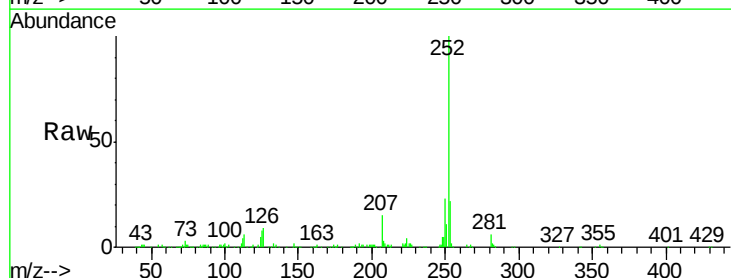
Tgt Ion:252 Resp: 244245

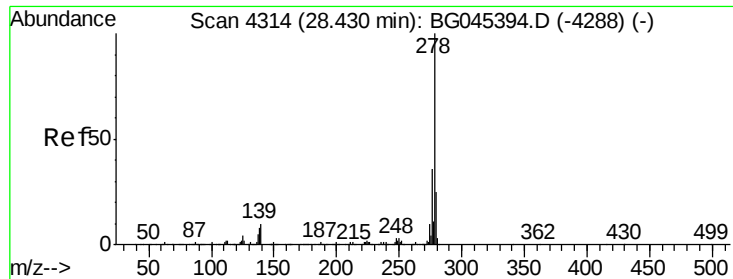
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 7.9 5.0 7.6#

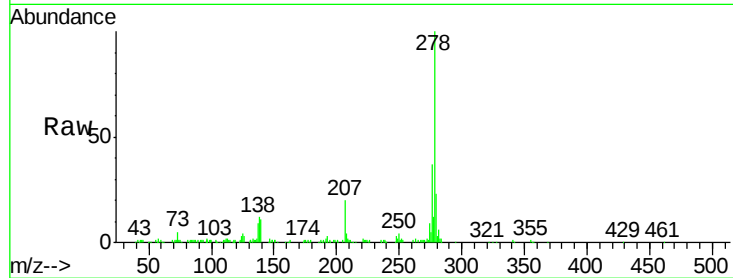




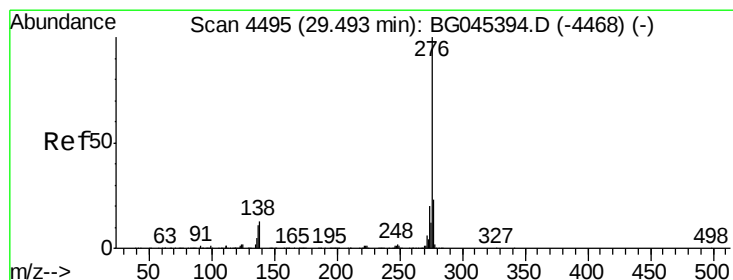
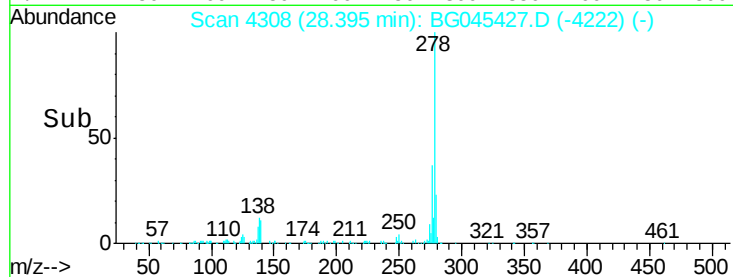
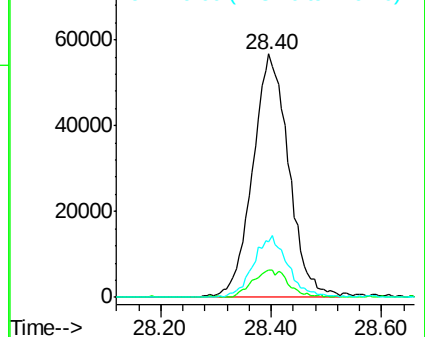
#91
Dibenzo(a,h)anthracene
Concen: 8.369 ng
RT: 28.40 min Scan# 4308
Delta R.T. -0.03 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278	Resp:	257295
Ion Ratio	Lower	Upper
278	100	
139	11.3	7.8 11.8
279	22.6	19.8 29.8

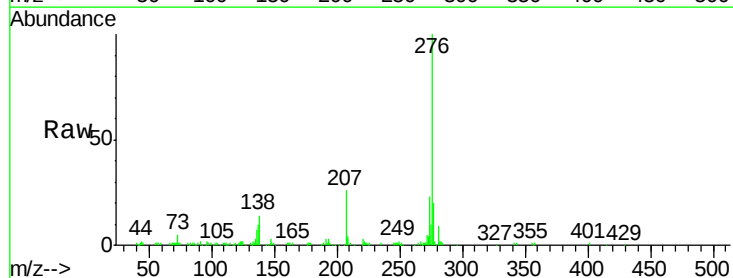


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 8.377 ng
RT: 29.46 min Scan# 4489
Delta R.T. -0.02 min
Lab File: BG045427.D
Acq: 19 May 2020 16:45

Tgt Ion:276	Resp:	257570
Ion Ratio	Lower	Upper
276	100	
277	20.2	18.1 27.1
138	14.2	10.2 15.4



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

