

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045364.D
 Acq On : 13 May 2020 16:25
 Operator : CG/JU
 Sample : L2502-01MS 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 14 00:53:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 11:40:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	73487	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	310389	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	216576	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	451775	20.00	ng	0.00
76) Chrysene-d12	21.63	240	382669	20.00	ng	0.00
87) Perylene-d12	24.80	264	415884	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	53109	11.93	ng	0.01
7) Phenol-d6	7.15	99	80712	12.20	ng	0.01
23) Nitrobenzene-d5	9.13	82	51041	7.50	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	35840	10.71	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	126316	8.55	ng	0.00
79) Terphenyl-d14	19.98	244	181460	10.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	6065	3.066	ng	# 96
4) n-Nitrosodimethylamine	3.74	42	6088	3.263	ng	# 61
6) Aniline	7.30	93	21107	2.455	ng	# 92
8) 2-Chlorophenol	7.54	128	18291	3.823	ng	94
9) Benzaldehyde	7.11	77	13105	Below Cal		98
10) Phenol	7.18	94	26872	4.061	ng	91
11) bis(2-Chloroethyl)ether	7.40	93	17751	3.369	ng	92
12) 1,3-Dichlorobenzene	7.87	146	19684	3.492	ng	97
13) 1,4-Dichlorobenzene	8.01	146	21341	3.799	ng	99
14) 1,2-Dichlorobenzene	8.33	146	19541	3.636	ng	92
15) Benzyl Alcohol	8.22	79	18234	3.289	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.51	45	16486	3.187	ng	96
17) 2-Methylphenol	8.43	107	16722	3.275	ng	90
18) Hexachloroethane	9.06	117	8297	3.929	ng	# 85
19) n-Nitroso-di-n-propylamine	8.78	70	16360	3.498	ng	# 91
20) 3+4-Methylphenols	8.76	107	22318	3.123	ng	95
22) Acetophenone	8.80	105	30833	3.673	ng	# 98
24) Nitrobenzene	9.18	77	25295	3.628	ng	# 85
25) Isophorone	9.70	82	43299	3.108	ng	97
26) 2-Nitrophenol	9.89	139	10665	3.551	ng	92
27) 2,4-Dimethylphenol	9.96	122	18741	3.932	ng	91
28) bis(2-Chloroethoxy)methane	10.19	93	24370	3.330	ng	97
29) 2,4-Dichlorophenol	10.44	162	19303	3.508	ng	92
30) 1,2,4-Trichlorobenzene	10.66	180	23139	3.714	ng	88
31) Naphthalene	10.83	128	83829	4.937	ng	98
32) Benzoic acid	10.05	122	5371	7.584	ng	96
33) 4-Chloroaniline	10.94	127	18031	2.277	ng	# 94
34) Hexachlorobutadiene	11.13	225	14330	3.355	ng	96
35) Caprolactam	11.68	113	5722	2.613	ng	# 72
36) 4-Chloro-3-methylphenol	12.08	107	22038	3.409	ng	94
37) 2-Methylnaphthalene	12.44	142	66229	5.025	ng	92
38) 1-Methylnaphthalene	12.67	142	66506	5.345	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	26474	3.797	ng	95
43) 2,4,6-Trichlorophenol	13.06	196	18064	3.670	ng	86

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045364.D
 Acq On : 13 May 2020 16:25
 Operator : CG/JU
 Sample : L2502-01MS 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 14 00:53:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 11:40:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.14	196	19440	3.470	nq	92
46) 1,1'-Biphenyl	13.45	154	61397	3.730	nq	98
47) 2-Chloronaphthalene	13.49	162	47035	3.739	nq	92
48) 2-Nitroaniline	13.69	65	13384	3.234	nq	94
49) Acenaphthylene	14.34	152	90920	4.438	nq	98
50) Dimethylphthalate	14.07	163	79304	4.497	nq	# 99
51) 2,6-Dinitrotoluene	14.19	165	12953	3.284	nq	96
52) Acenaphthene	14.68	154	75070	5.416	nq	97
53) 3-Nitroaniline	14.52	138	10834	2.504	nq	# 92
55) Dibenzofuran	15.02	168	111210	5.503	nq	97
56) 4-Nitrophenol	14.85	139	19561	5.832	nq	93
57) 2,4-Dinitrotoluene	14.97	165	16933	2.938	nq	# 92
58) Fluorene	15.67	166	110263	6.679	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	16595	3.329	nq	# 91
60) Diethylphthalate	15.43	149	59941	3.260	nq	98
61) 4-Chlorophenyl-phenylether	15.66	204	31305	3.295	nq	97
62) 4-Nitroaniline	15.68	138	13594	3.030	nq	# 84
63) Azobenzene	15.96	77	59260	3.496	nq	89
66) n-Nitrosodiphenylamine	15.87	169	57000	4.391	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	21572	3.701	nq	87
68) Hexachlorobenzene	16.68	284	23008	3.806	nq	93
69) Atrazine	16.82	200	19680	Below Cal		94
70) Pentachlorophenol	17.02	266	17280	4.660	nq	98
71) Phenanthrene	17.41	178	602808	25.966	nq	98
72) Anthracene	17.50	178	234703	10.078	nq	98
73) Carbazole	17.76	167	119836	5.071	nq	97
74) Di-n-butylphthalate	18.33	149	96444	Below Cal		97
75) Fluoranthene	19.42	202	924656	32.120	nq	97
77) Benzidine	19.60	184	20092	Below Cal		97
78) Pyrene	19.78	202	842441	31.933	nq	98
80) Butylbenzylphthalate	20.67	149	37963	3.472	nq	97
81) Benzo(a)anthracene	21.61	228	457805	18.458	nq	98
82) 3,3'-Dichlorobenzidine	21.52	252	31316	3.172	nq	# 99
83) Chrysene	21.68	228	405554	17.018	nq	97
84) Bis(2-ethylhexyl)phthalate	21.52	149	55403	3.684	nq	97
85) Di-n-octyl phthalate	22.72	149	94880	3.648	nq	# 88
86) Indeno(1,2,3-cd)pyrene	28.39	276	311074	9.832	nq	96
88) Benzo(b)fluoranthene	23.79	252	475784	18.264	nq	98
89) Benzo(k)fluoranthene	23.85	252	209818	8.469	nq	99
90) Benzo(a)pyrene	24.65	252	382480	15.550	nq	98
91) Dibenzo(a,h)anthracene	28.44	278	144459	5.829	nq	# 92
92) Benzo(g,h,i)perylene	29.51	276	282362	11.364	nq	97

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

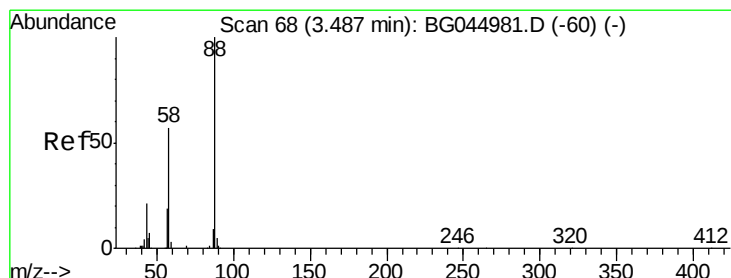
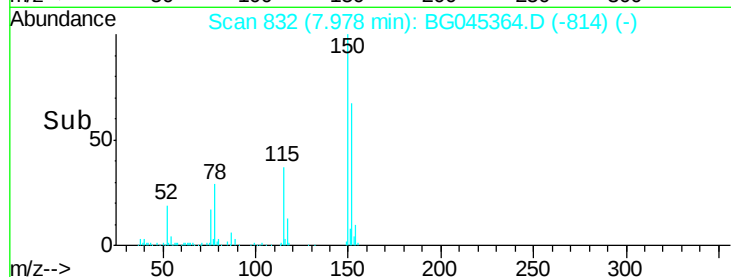
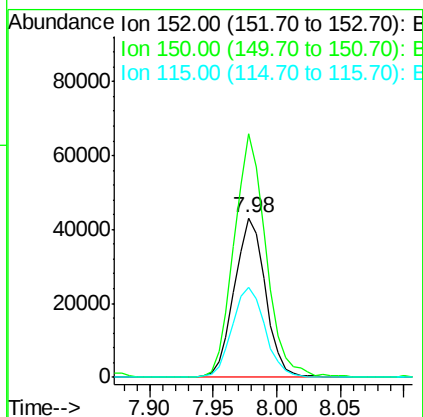
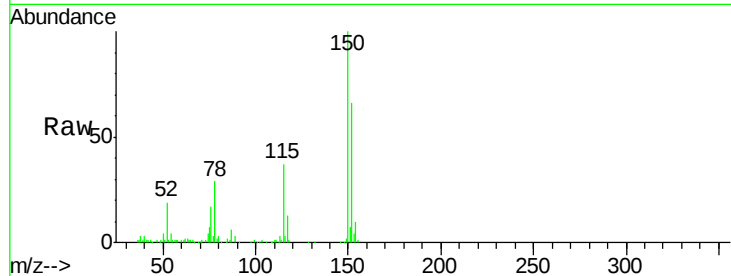


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampled :

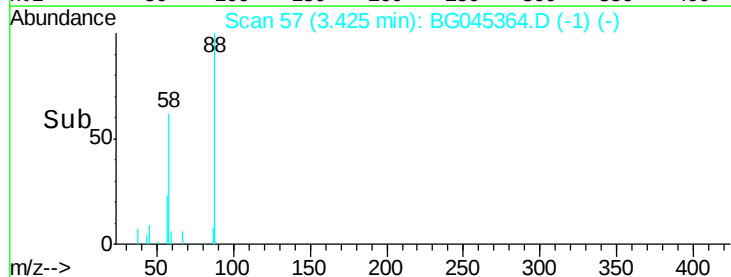
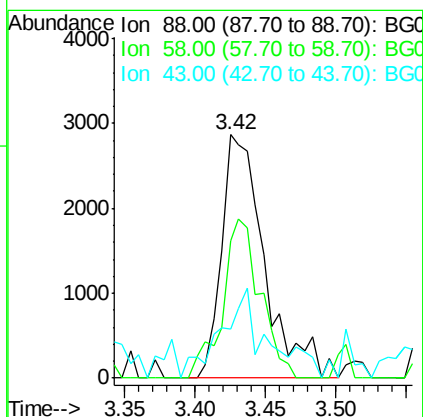
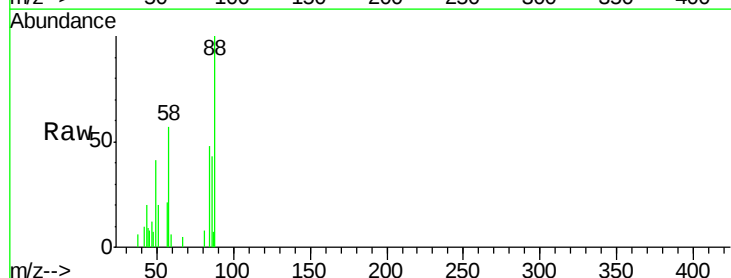
Tot Ion:152 Resp: 73487
Ion Ratio Lower Upper
152 100
150 152.5 123.6 185.4
115 56.0 49.1 73.7

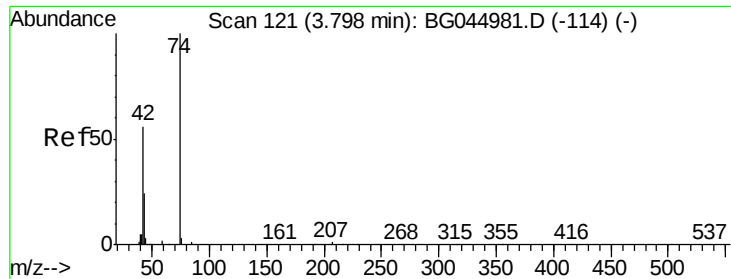


#2

1,4-Dioxane
Concen: 3.066 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion: 88 Resp: 6065
Ion Ratio Lower Upper
88 100
58 57.5 46.6 69.8
43 27.8 17.5 26.3#



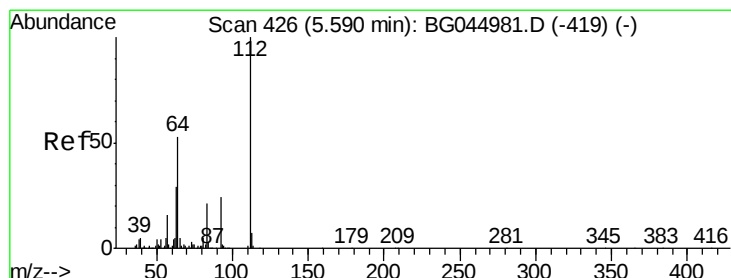
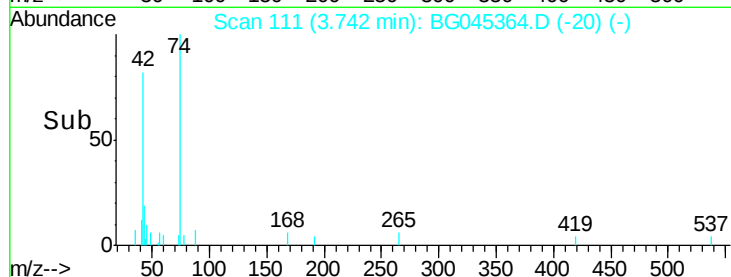
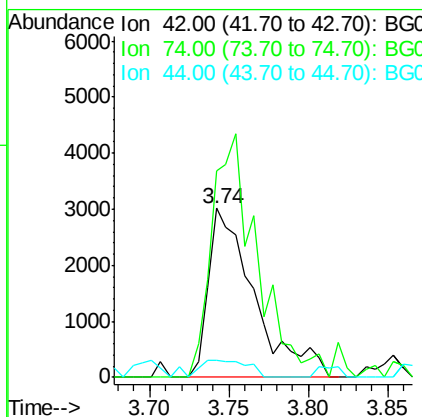
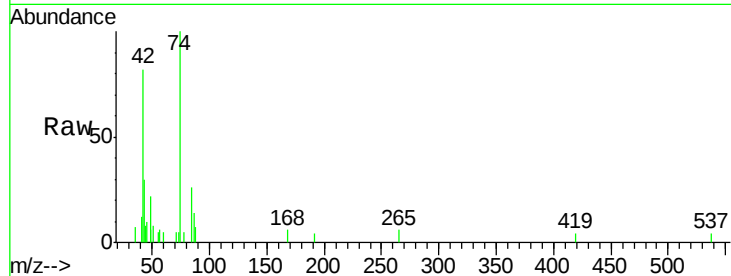


#4

n-Nitrosodimethylamine
 Concen: 3.263 ng
 RT: 3.74 min Scan# 111
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :

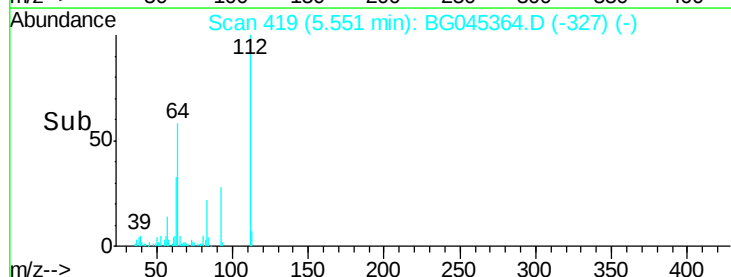
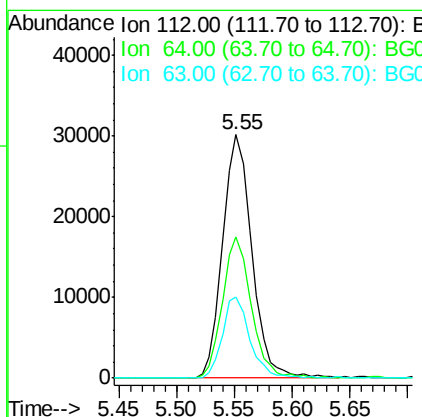
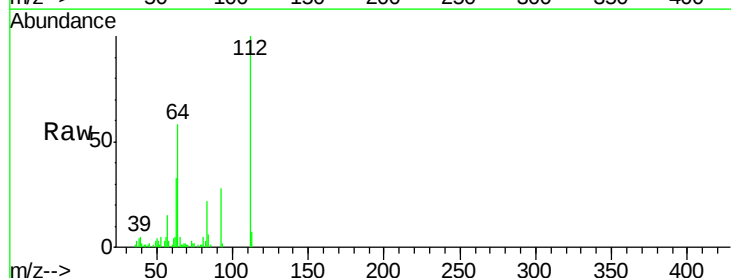
Tot Ion	Ratio	Lower	Upper
42	100		
74	122.0	143.0	214.6#
44	9.8	4.6	6.8#

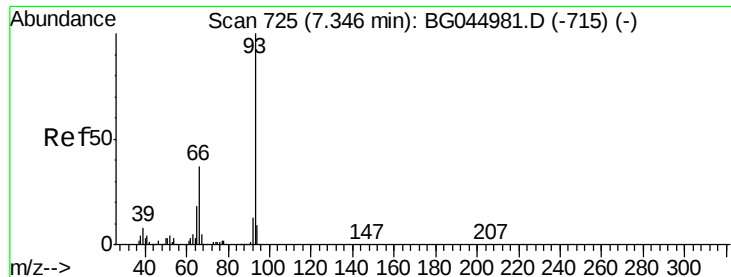


#5

2-Fluorophenol
 Concen: 11.931 ng
 RT: 5.55 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	42.4	63.6
63	33.1	23.1	34.7





#6

Aniline

Concen: 2.455 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampled :

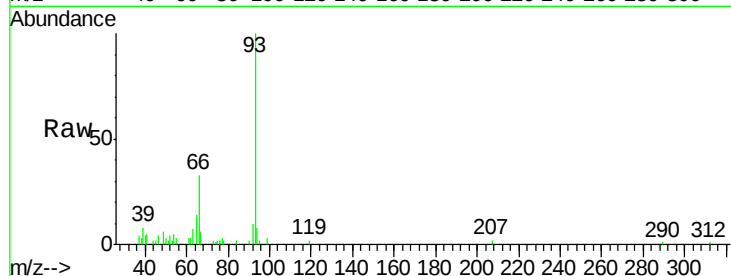
Tot Ion: 93 Resp: 21107

Ion Ratio Lower Upper

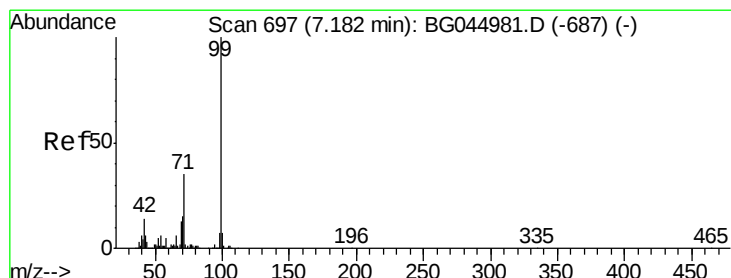
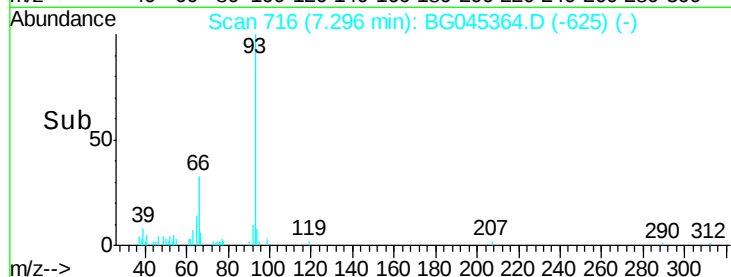
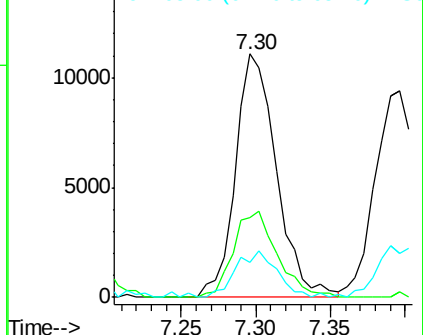
93 100

66 32.9 29.8 44.8

65 14.4 14.6 22.0#



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: 12.204 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

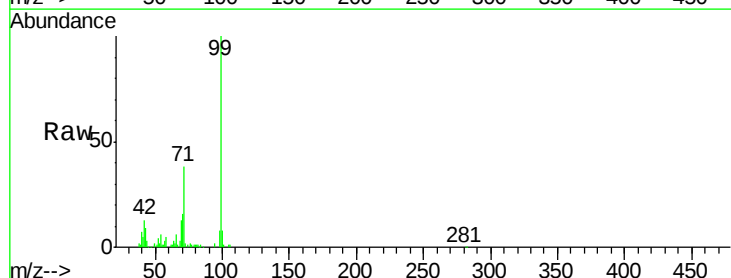
Tgt Ion: 99 Resp: 80712

Ion Ratio Lower Upper

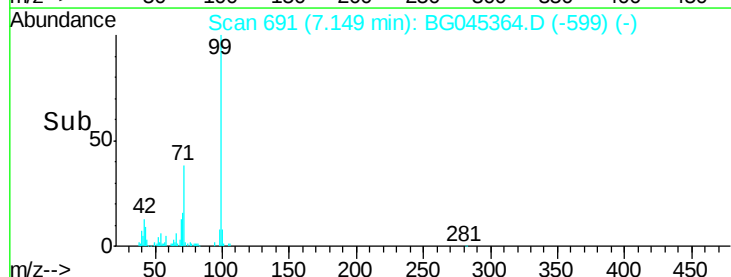
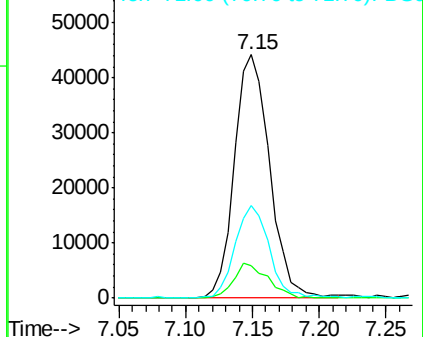
99 100

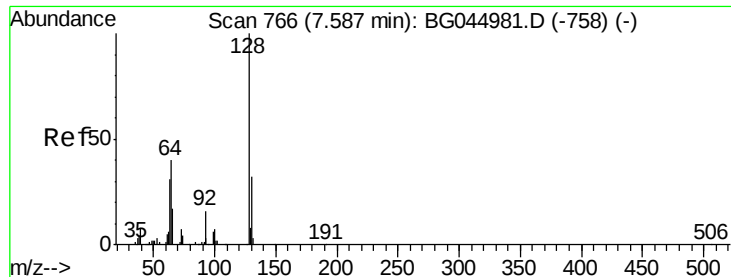
42 13.5 11.3 16.9

71 38.0 28.3 42.5



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





#8

2-Chlorophenol

Concen: 3.823 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

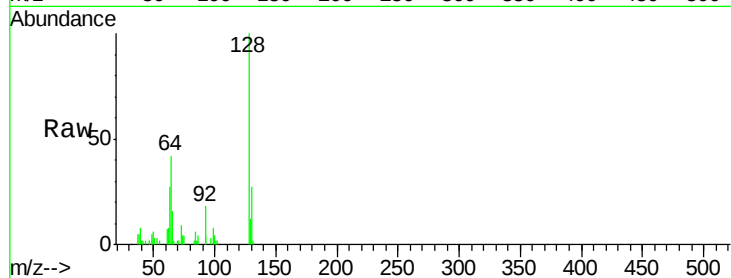
Tot Ion:128 Resp: 18291

Ion Ratio Lower Upper

128 100

130 26.9 12.3 52.3

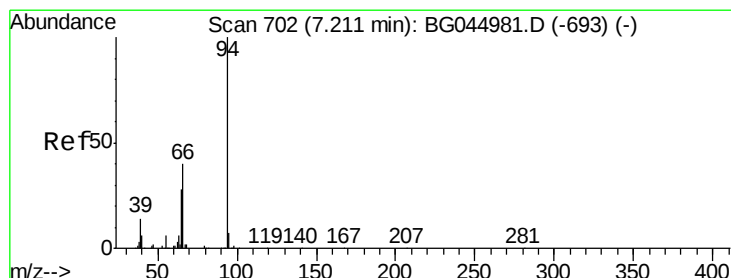
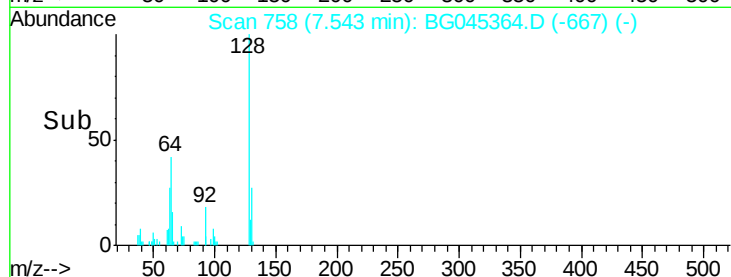
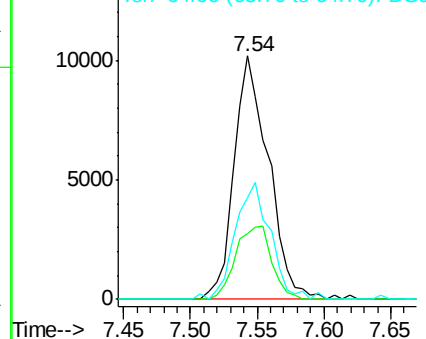
64 42.0 24.4 64.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#10

Phenol

Concen: 4.061 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

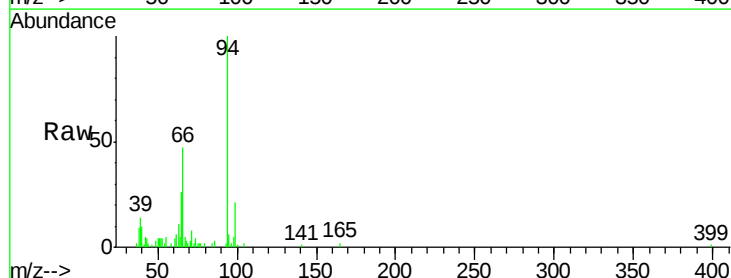
Tgt Ion: 94 Resp: 26872

Ion Ratio Lower Upper

94 100

65 25.5 8.2 48.2

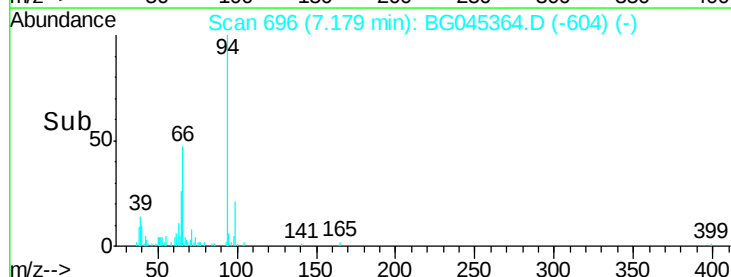
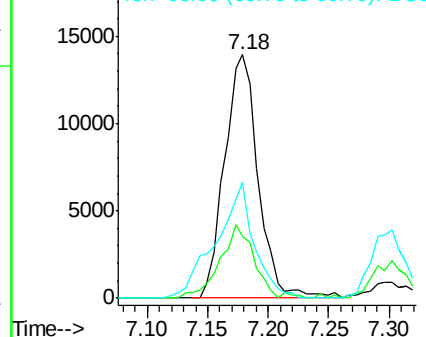
66 47.4 20.4 60.4

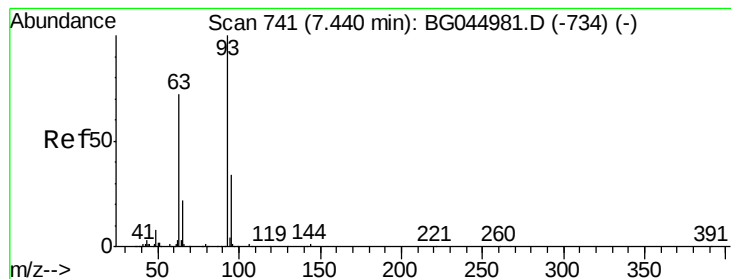


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 3.369 ng

RT: 7.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

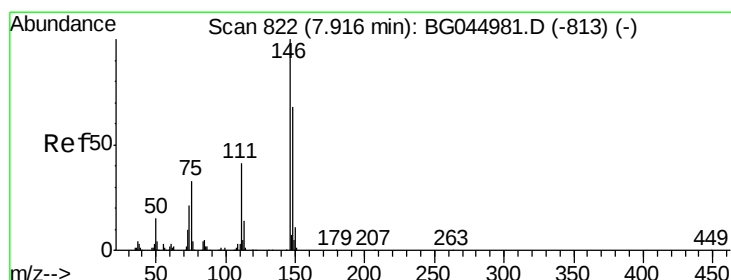
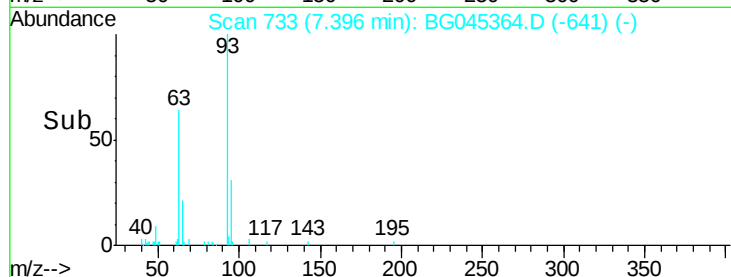
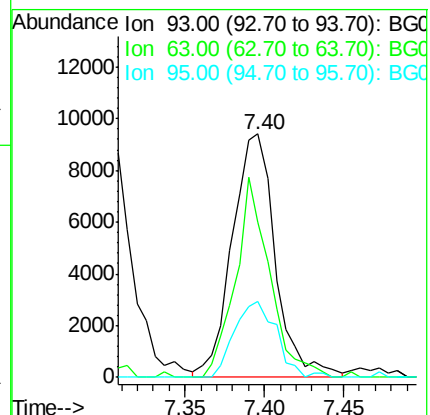
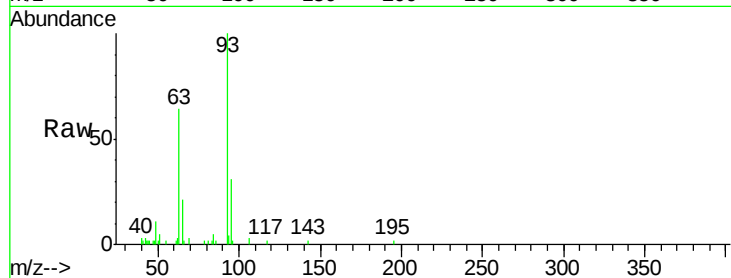
Tot Ion: 93 Resp: 17751

Ion Ratio Lower Upper

93 100

63 63.6 51.8 91.8

95 31.1 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 3.492 ng

RT: 7.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

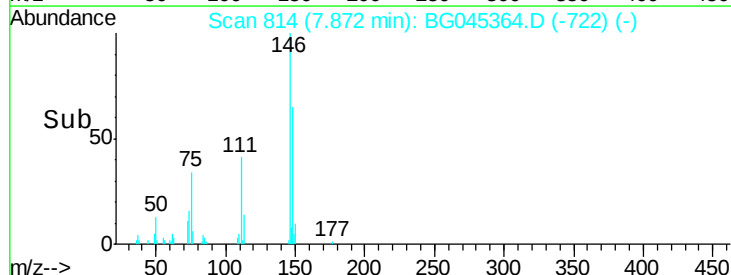
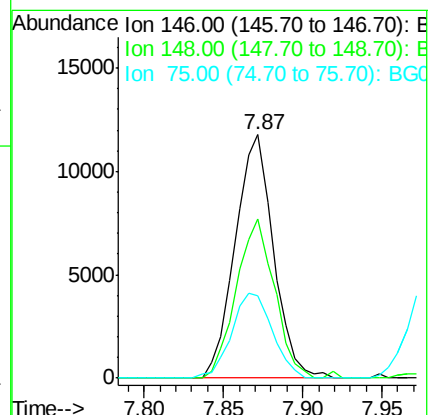
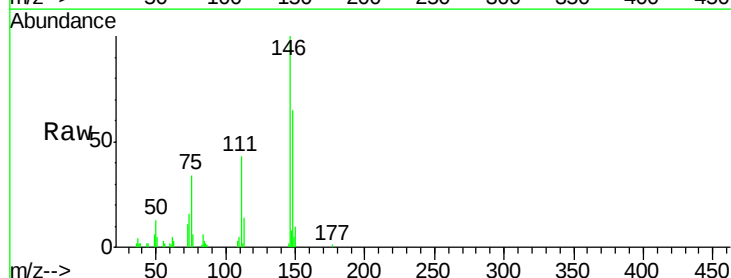
Tgt Ion: 146 Resp: 19684

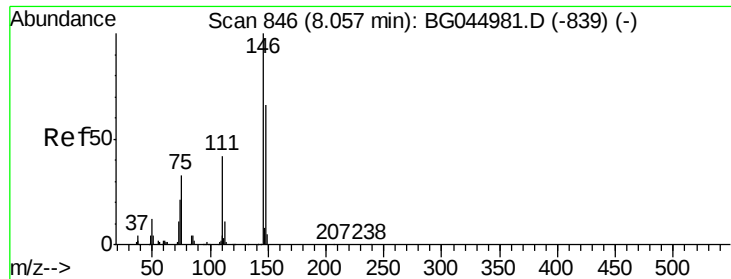
Ion Ratio Lower Upper

146 100

148 65.3 54.6 81.8

75 33.7 26.0 39.0

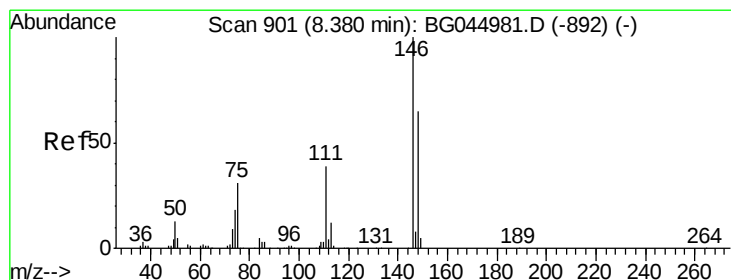
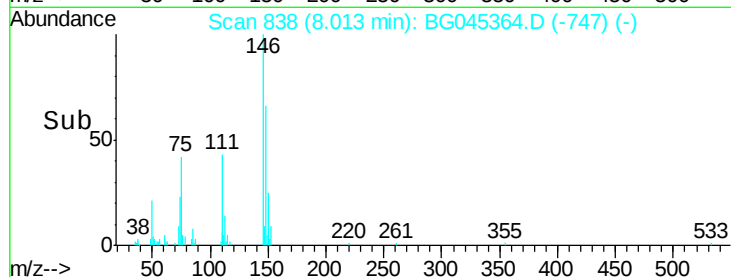
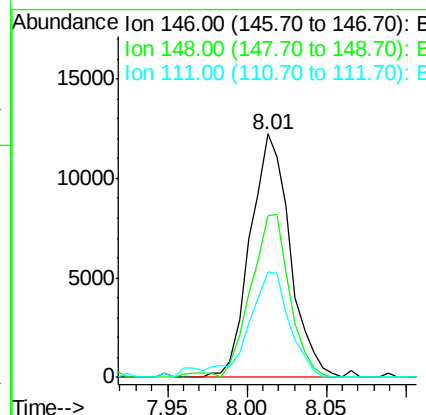
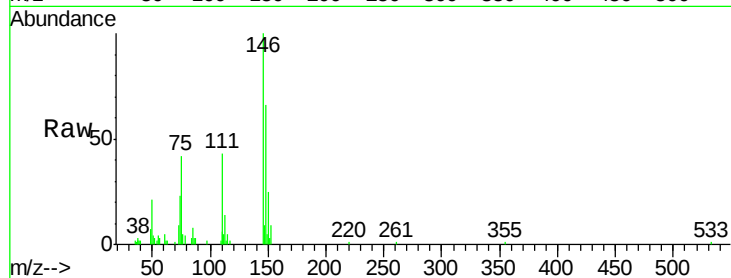




#13
 1,4-Dichlorobenzene
 Concen: 3.799 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

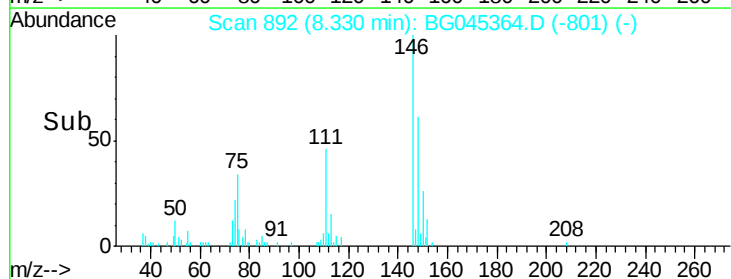
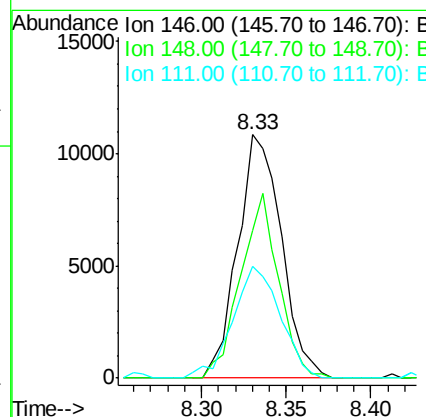
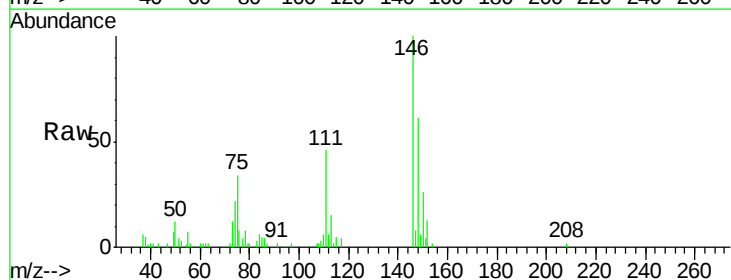
Instrument :
 BNA_G
 ClientSampleId :

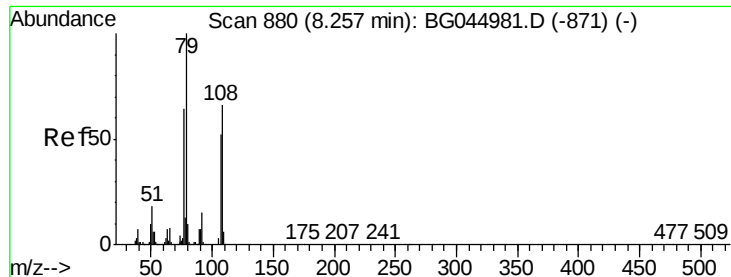
Tot Ion:146 Resp: 21341
 Ion Ratio Lower Upper
 146 100
 148 66.4 53.3 79.9
 111 43.4 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 3.636 ng
 RT: 8.33 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion:146 Resp: 19541
 Ion Ratio Lower Upper
 146 100
 148 60.6 51.9 77.9
 111 45.9 31.3 46.9





#15

Benzyl Alcohol

Concen: 3.289 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

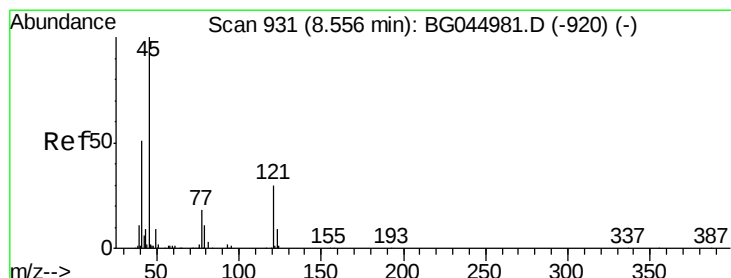
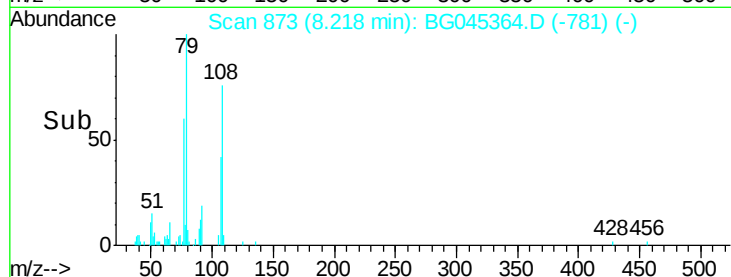
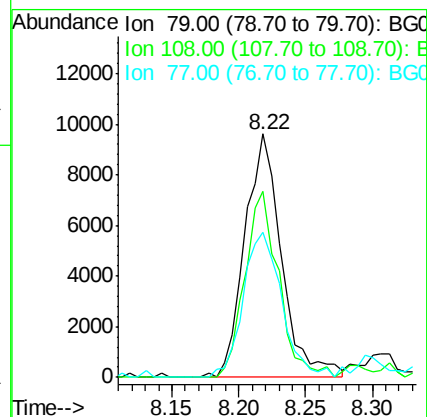
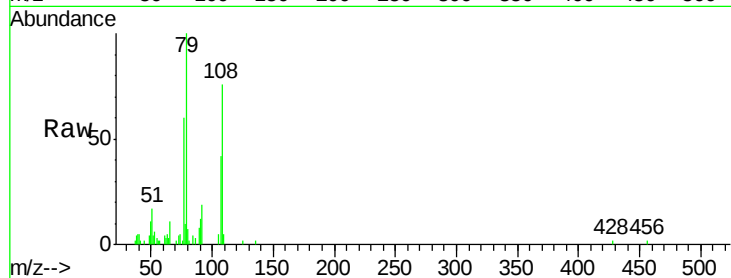
Tot Ion: 79 Resp: 18234

Ion Ratio Lower Upper

79 100

108 76.3 52.7 79.1

77 59.8 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.187 ng

RT: 8.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

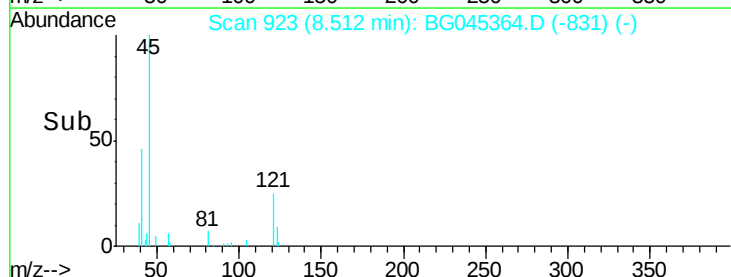
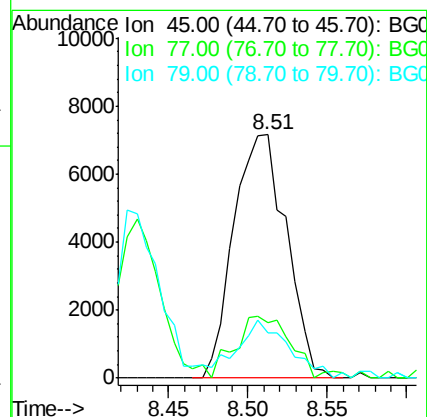
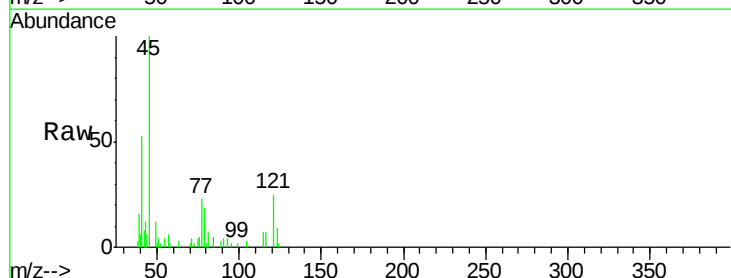
Tgt Ion: 45 Resp: 16486

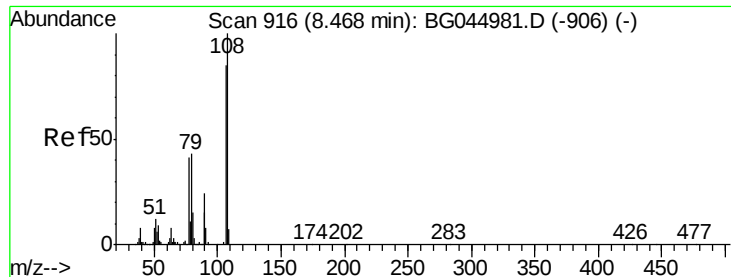
Ion Ratio Lower Upper

45 100

77 22.6 1.9 41.9

79 18.6 0.0 35.5





#17

2-Methylphenol

Concen: 3.275 ng

RT: 8.43 min Scan# 909

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 16722

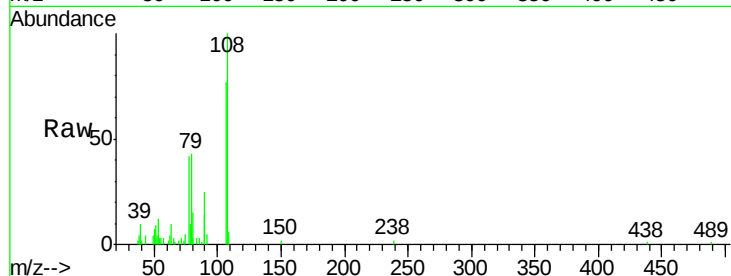
Ion Ratio Lower Upper

107 100

108 129.3 93.8 140.6

77 54.2 38.5 57.7

79 55.8 40.1 60.1

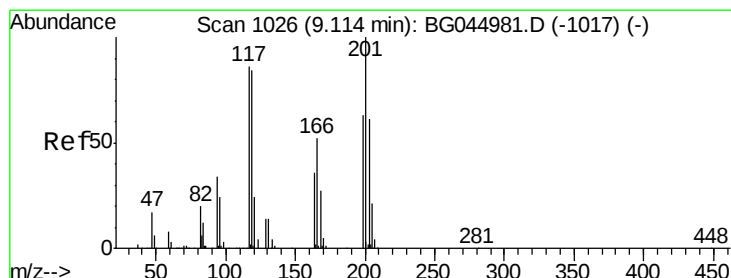
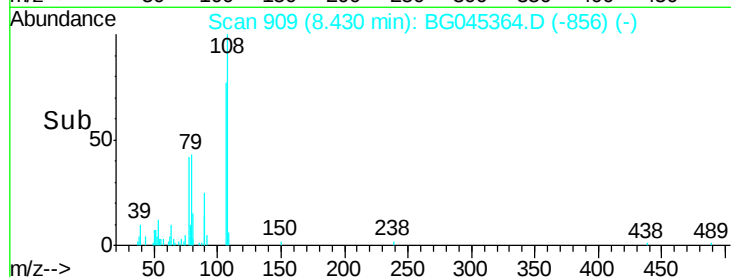
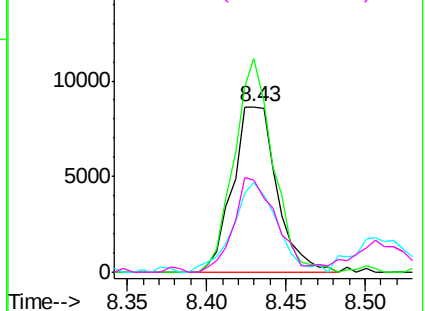


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 3.929 ng

RT: 9.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

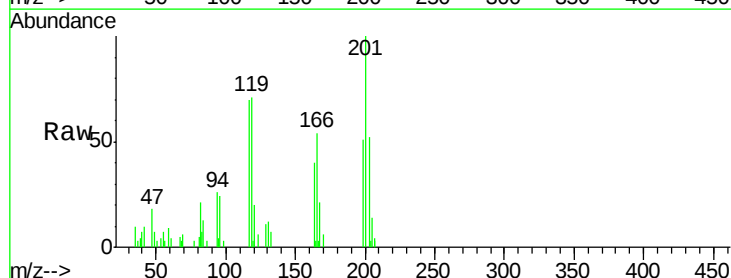
Tgt Ion:117 Resp: 8297

Ion Ratio Lower Upper

117 100

119 101.3 78.3 117.5

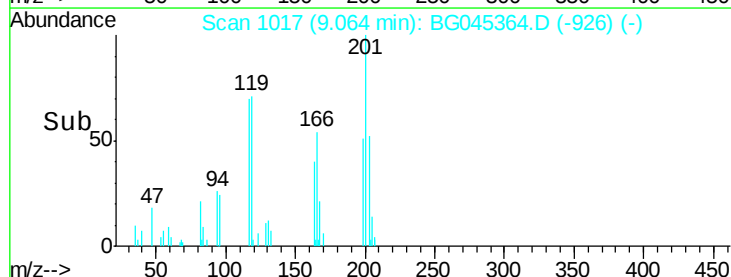
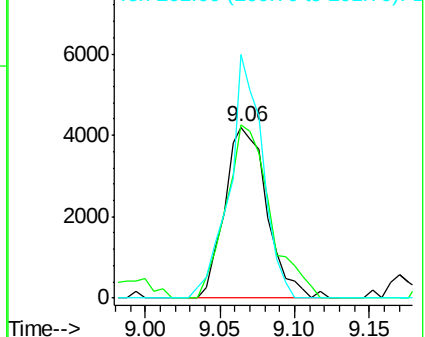
201 142.5 92.9 139.3#

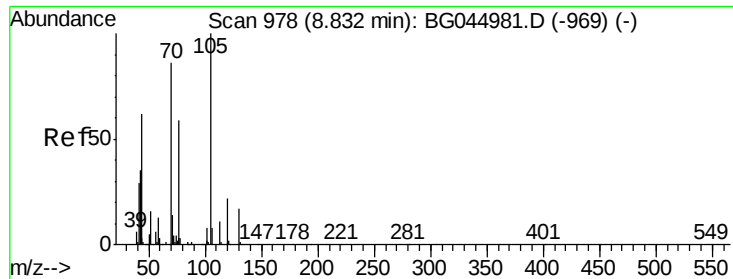


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

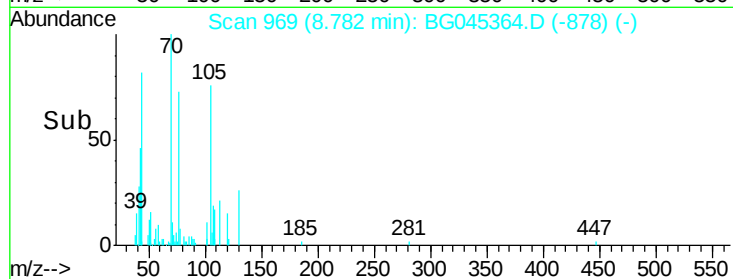
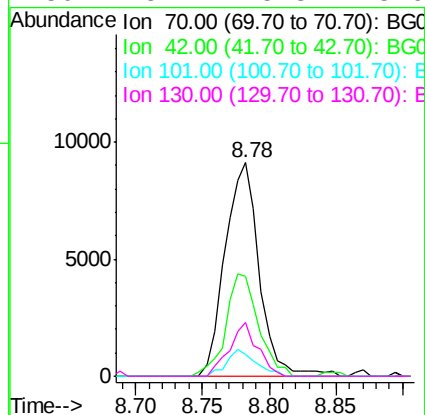
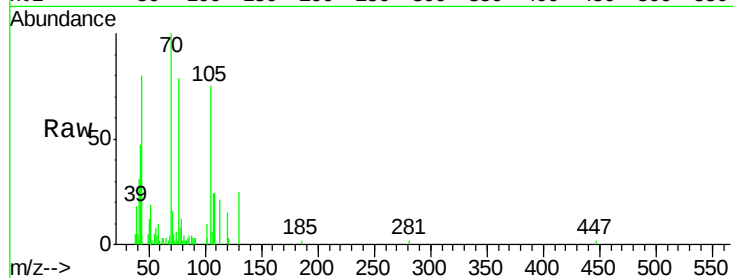




#19
n-Nitroso-di-n-propylamine
Concen: 3.498 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

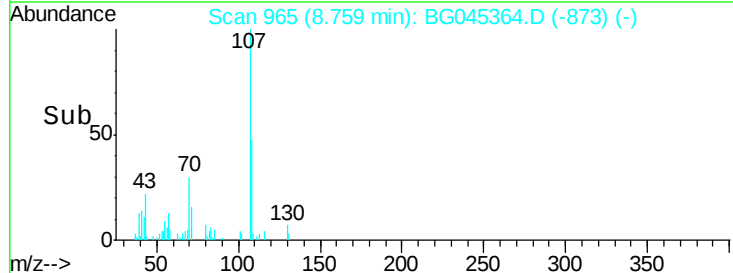
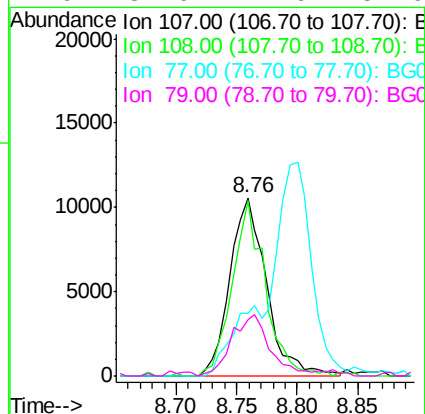
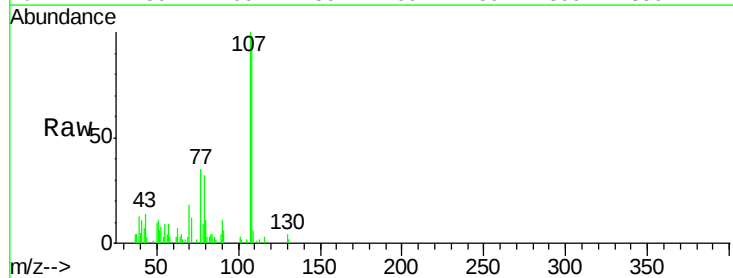
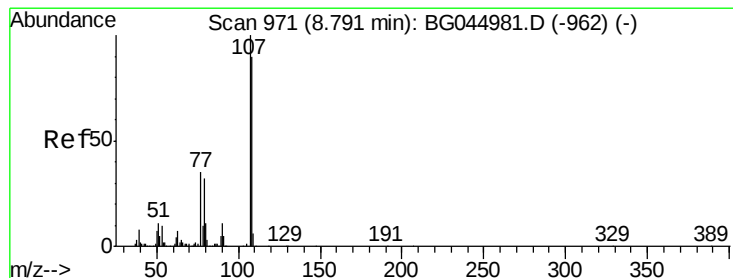
Instrument :
BNA_G
ClientSampleId :

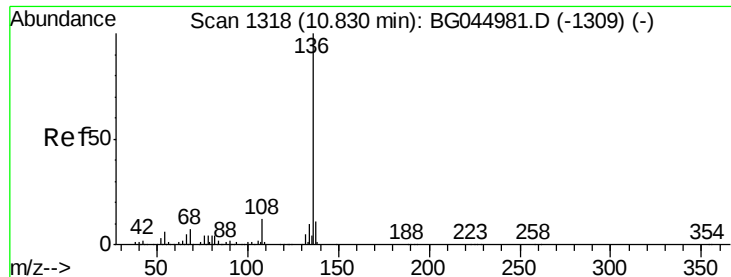
Tot Ion:	70	Resp:	16360
Ion	Ratio	Lower	Upper
70	100		
42	46.8	33.3	49.9
101	10.4	7.8	11.8
130	25.4	15.8	23.6



#20
3+4-Methylphenols
Concen: 3.123 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:	107	Resp:	22318
Ion	Ratio	Lower	Upper
107	100		
108	98.5	69.9	109.9
77	35.3	15.2	55.2
79	31.9	11.6	51.6

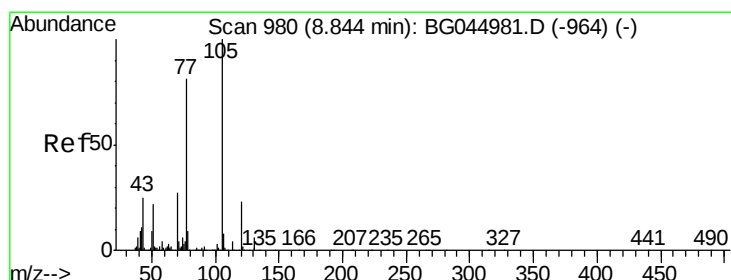
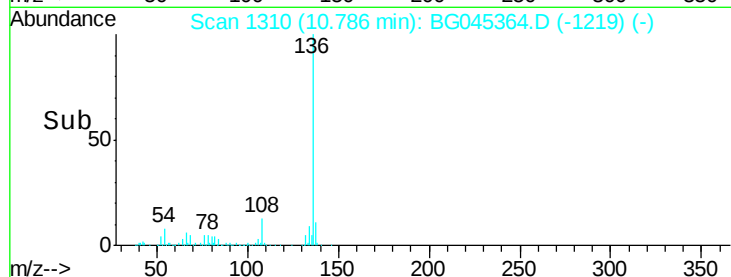
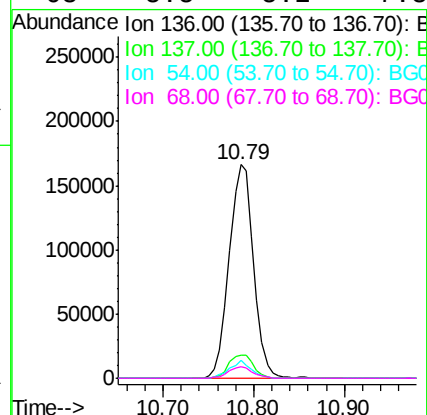
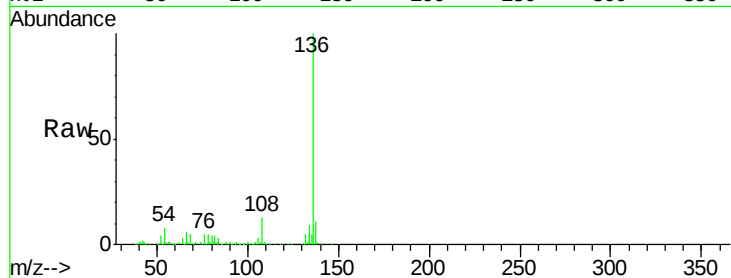




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

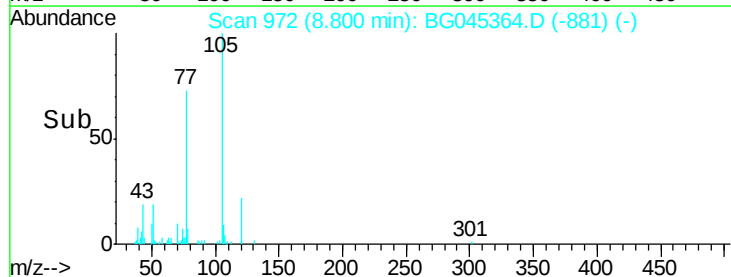
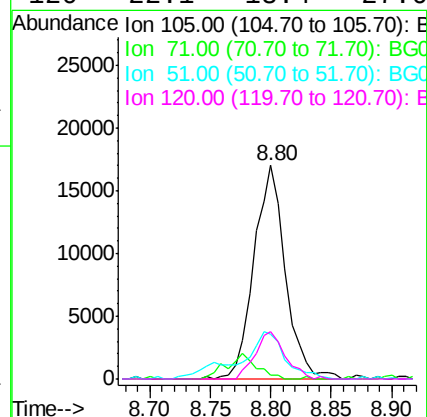
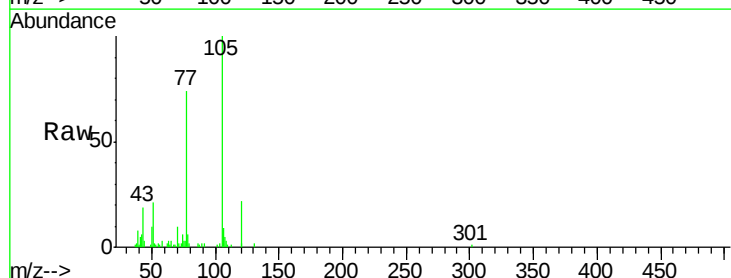
Instrument :
BNA_G
ClientSampleId :

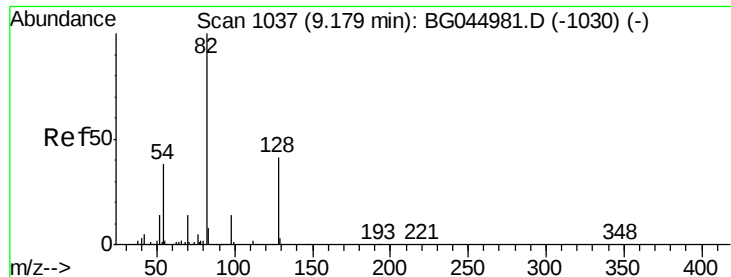
Tot Ion:136	Resp:	310389
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.6 13.0
54	8.1	4.8 7.2#
68	5.5	5.2 7.8



#22
Acetophenone
Concen: 3.673 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:105	Resp:	30833
Ion Ratio	Lower	Upper
105	100	
71	1.9	3.3 4.9#
51	21.1	17.3 25.9
120	22.1	18.4 27.6

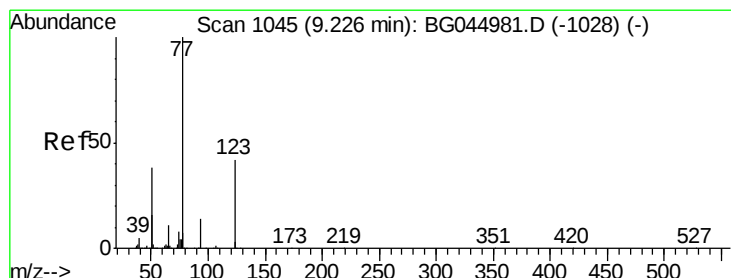
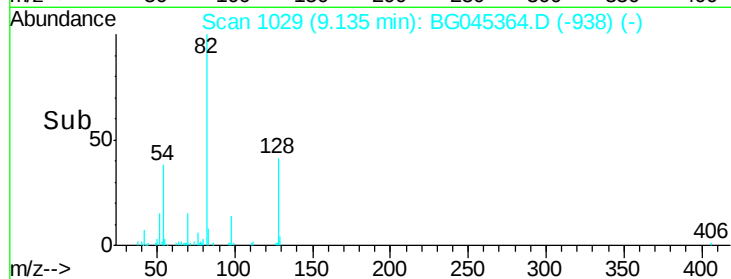
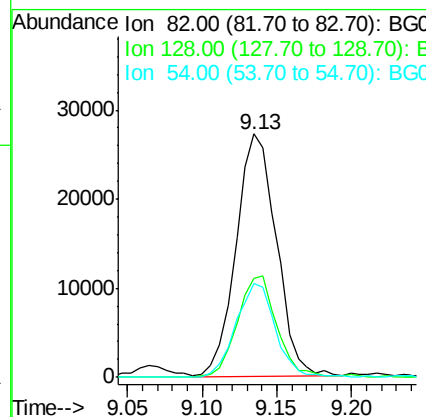
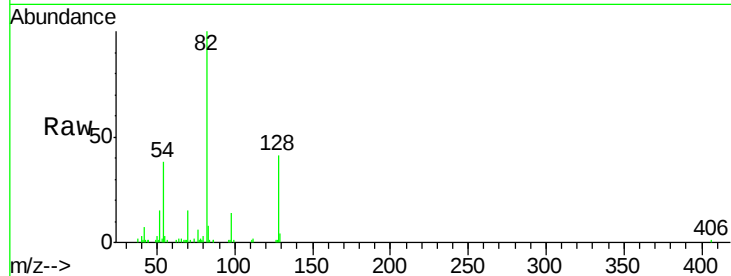




#23
 Nitrobenzene-d5
 Concen: 7.503 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

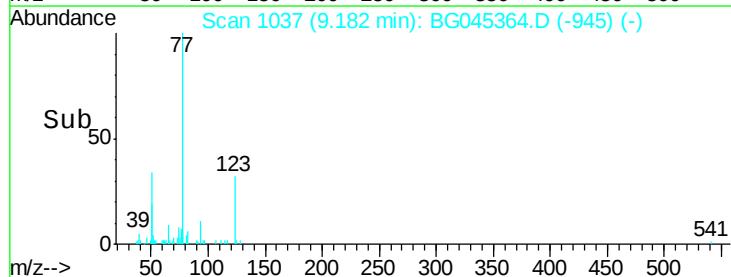
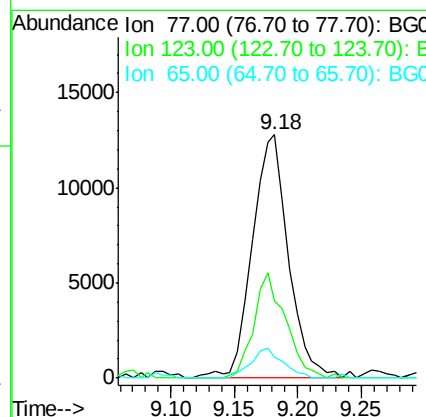
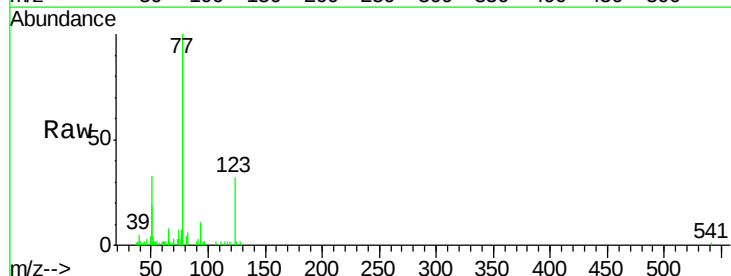
Instrument :
 BNA_G
 ClientSampleId :

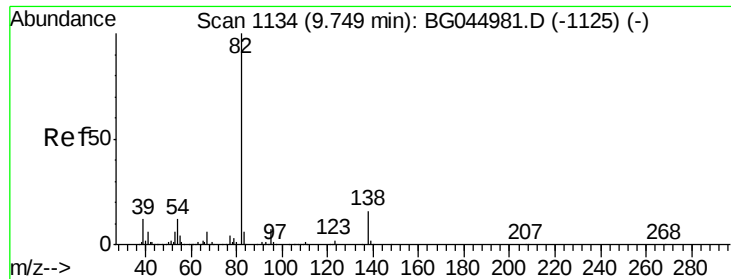
Tot Ion	82	Resp	51041
Ion Ratio	Lower	Upper	
82	100		
128	40.7	33.0	49.4
54	38.4	30.4	45.6



#24
 Nitrobenzene
 Concen: 3.628 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	77	Resp	25295
Ion Ratio	Lower	Upper	
77	100		
123	31.6	34.3	51.5#
65	8.4	8.9	13.3#

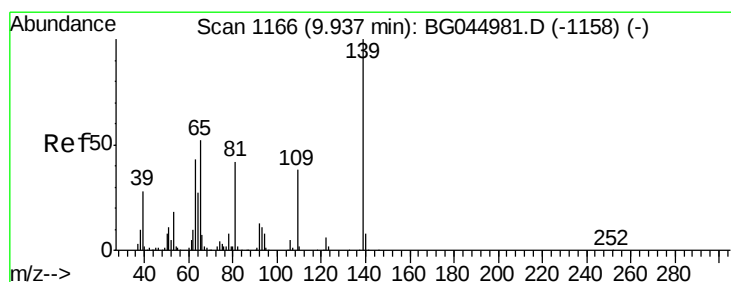
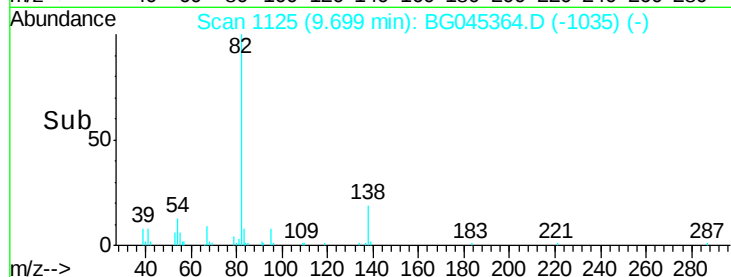
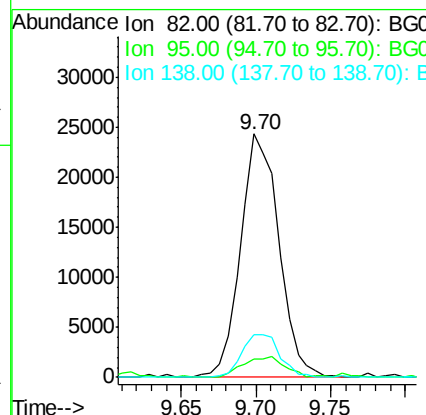
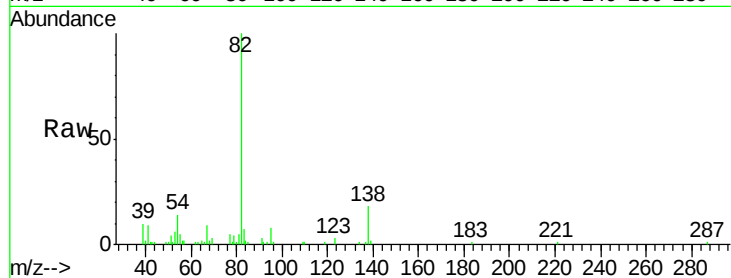




#25
Isophorone
Concen: 3.108 ng
RT: 9.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

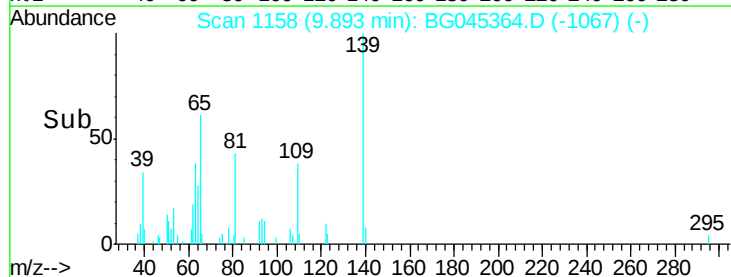
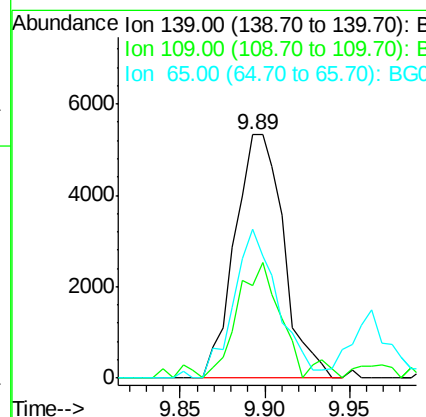
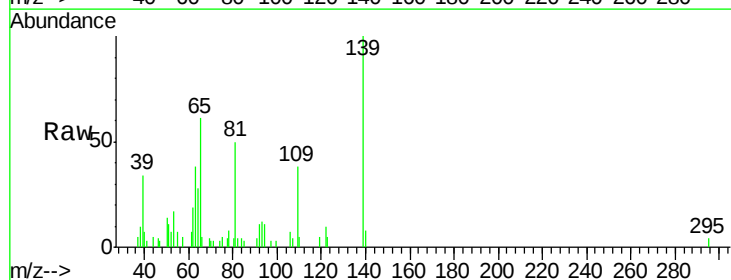
Instrument :
BNA_G
ClientSampleId :

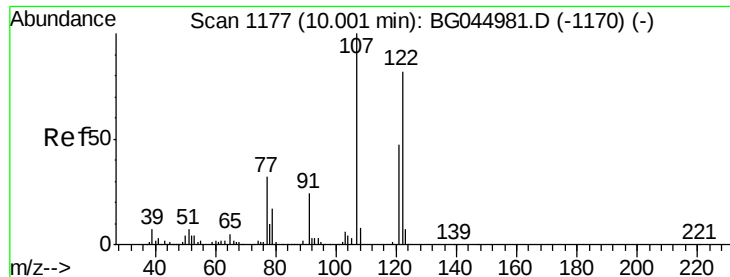
Tot Ion: 82 Resp: 43299
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.6 12.7 19.1



#26
2-Nitrophenol
Concen: 3.551 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion: 139 Resp: 10665
Ion Ratio Lower Upper
139 100
109 37.8 30.6 45.8
65 61.2 41.8 62.6

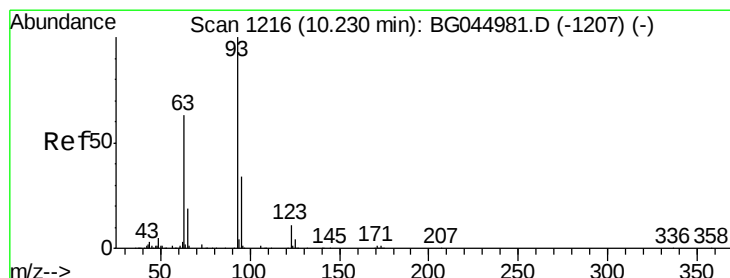
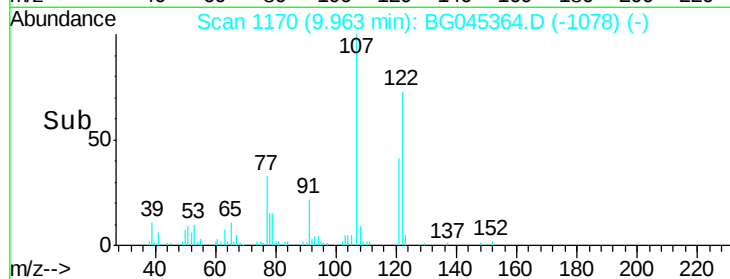
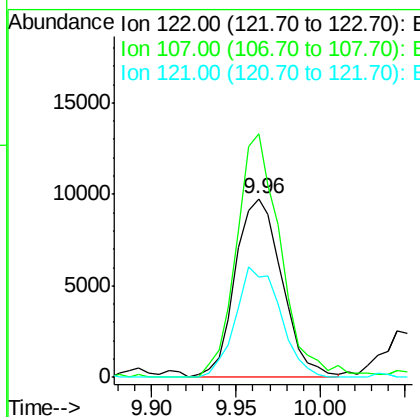
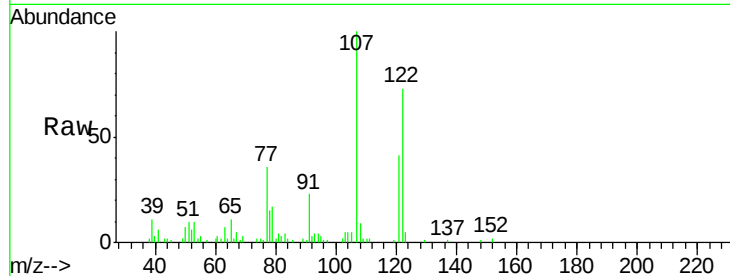




#27
 2,4-Dimethylphenol
 Concen: 3.932 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

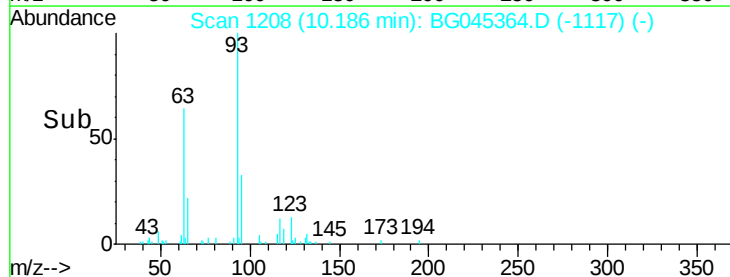
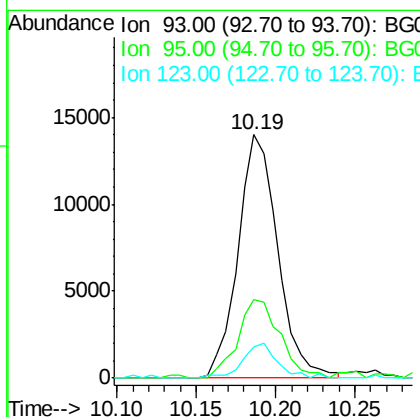
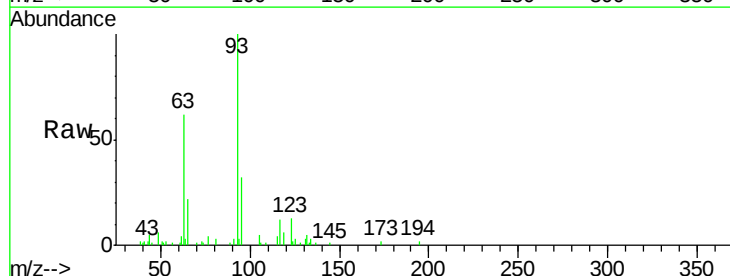
Instrument :
 BNA_G
 ClientSampleId :

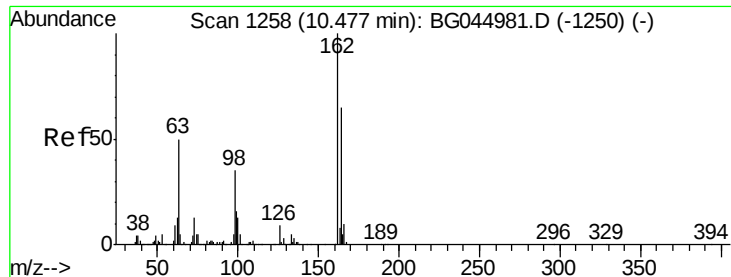
Tot Ion:122 Resp: 18741
 Ion Ratio Lower Upper
 122 100
 107 136.1 96.8 145.2
 121 56.3 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.330 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion: 93 Resp: 24370
 Ion Ratio Lower Upper
 93 100
 95 32.2 27.0 40.4
 123 12.8 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 3.508 ng

RT: 10.44 min Scan# 1252

Delta R.T. 0.02 min

Lab File: BG045364.D

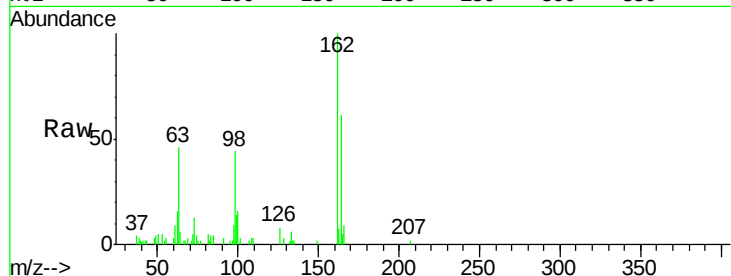
Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

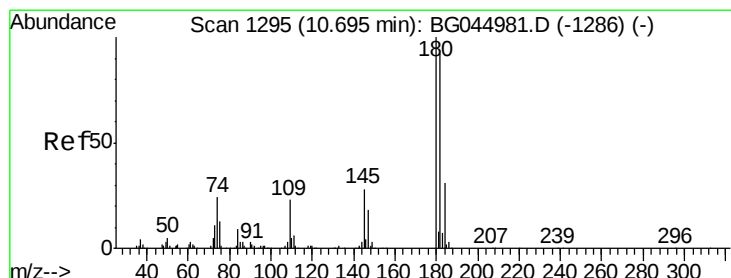
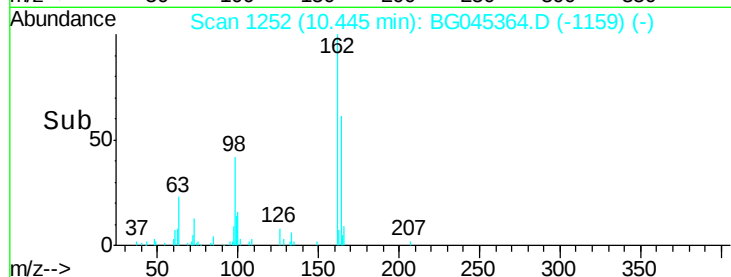
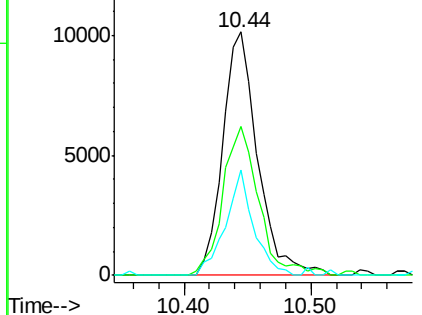
Tot Ion:162	Resp:	19303
Ion Ratio	Lower	Upper
162	100	
164	61.1	45.0 85.0
98	43.5	15.2 55.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 3.714 ng

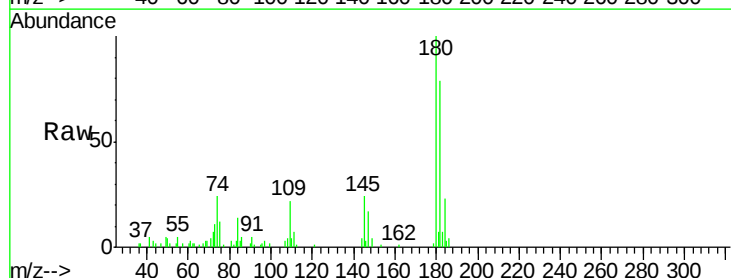
RT: 10.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

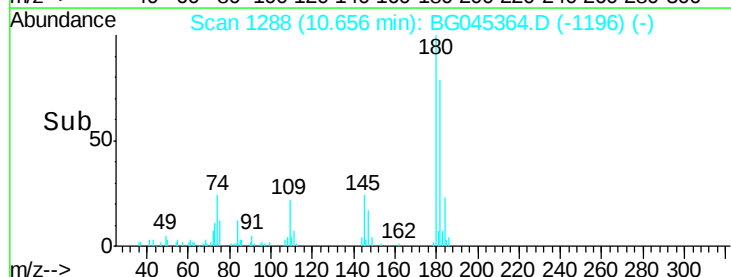
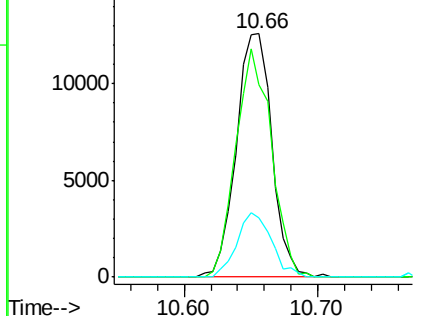
Tgt Ion:180	Resp:	23139
Ion Ratio	Lower	Upper
180	100	
182	79.2	73.3 109.9
145	24.1	22.6 33.8

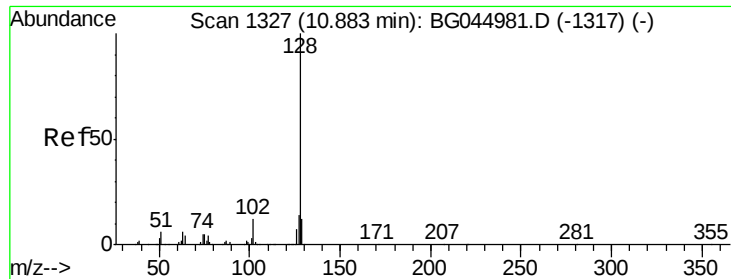


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

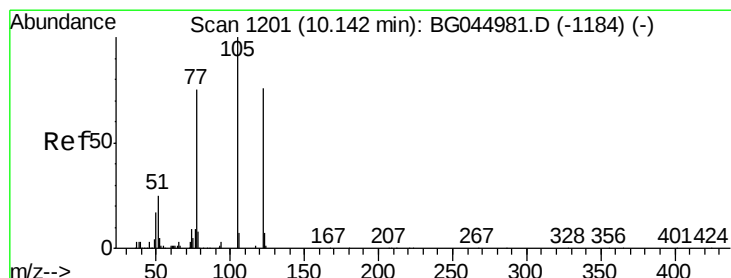
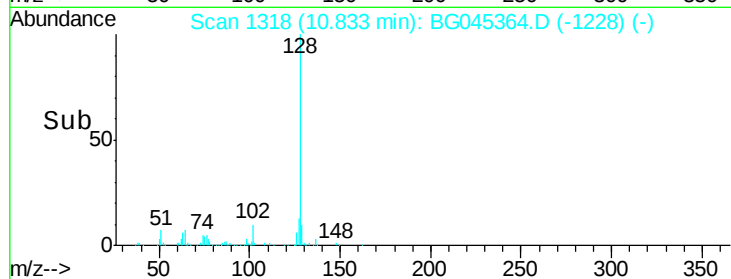
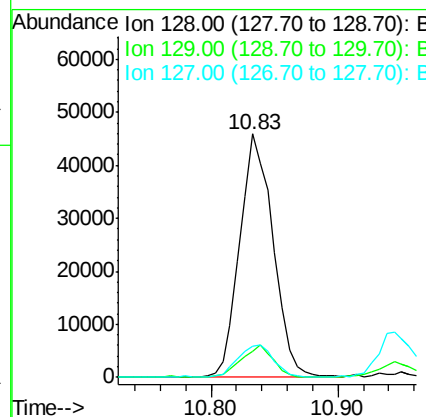
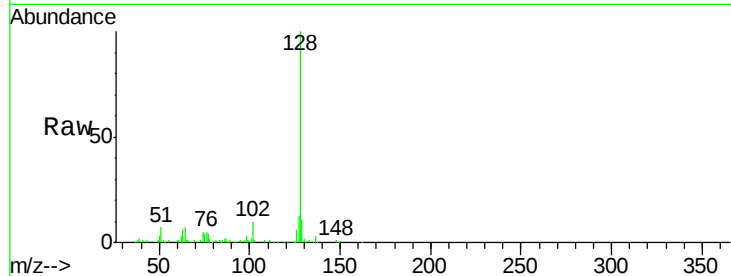




#31
Naphthalene
Concen: 4.937 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

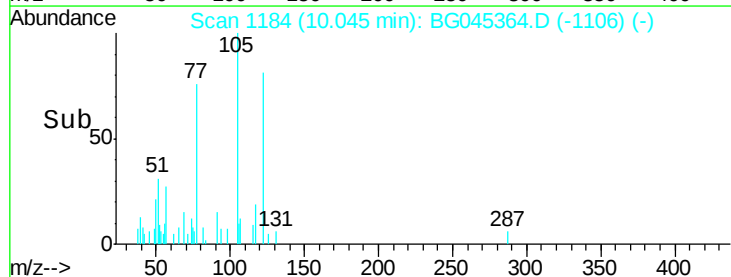
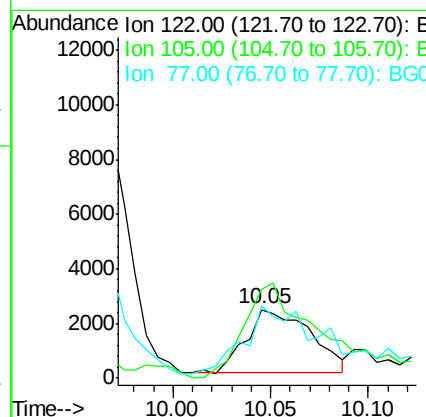
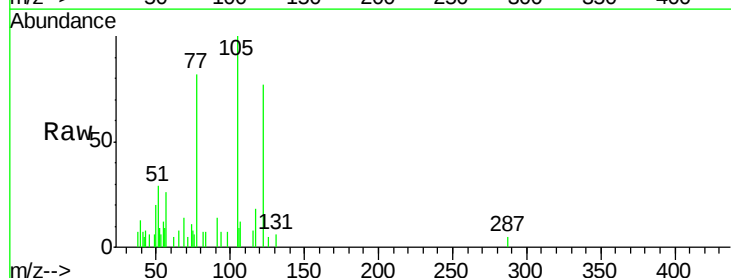
Instrument :
BNA_G
ClientSampleId :

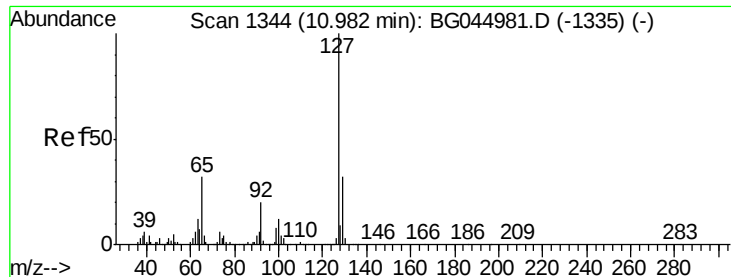
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	12.6	10.8	16.2



#32
Benzoic acid
Concen: 7.584 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.07 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.7	108.4	148.4
77	105.7	78.8	118.8

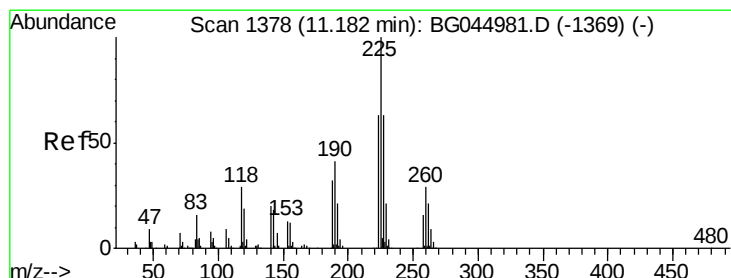
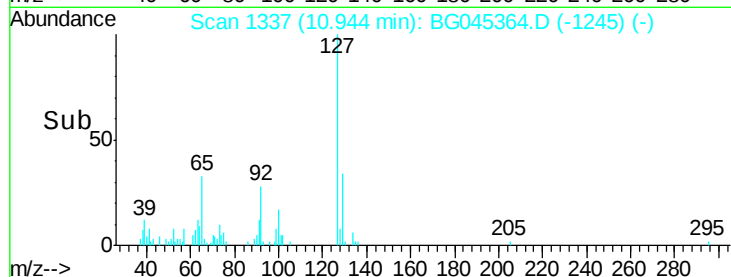
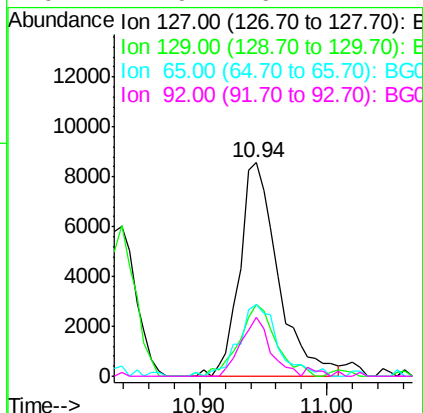
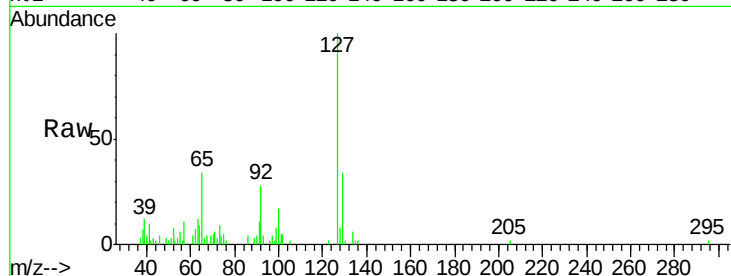




#33
4-Chloroaniline
Concen: 2.277 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

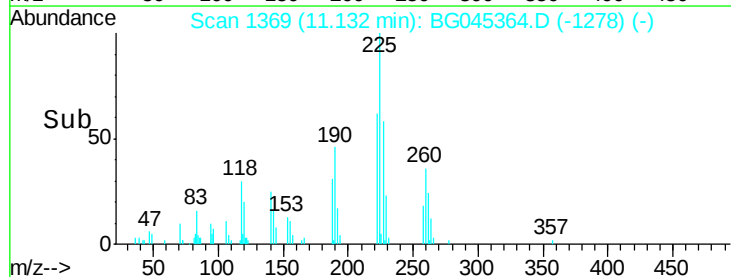
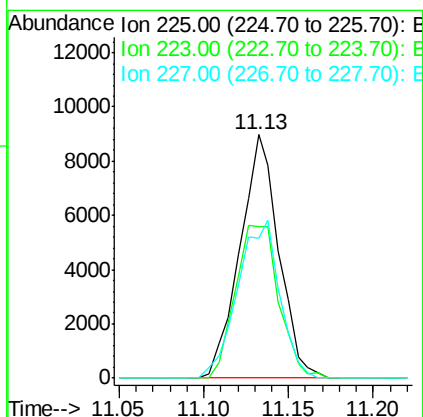
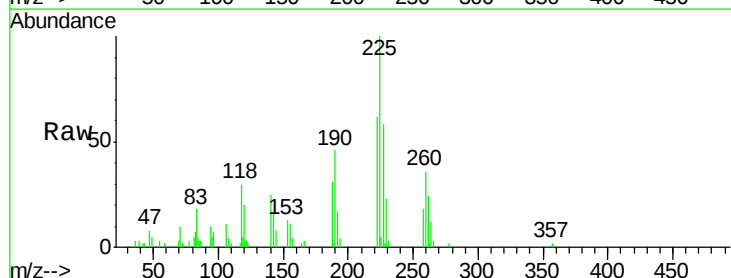
Instrument :
BNA_G
ClientSampleId :

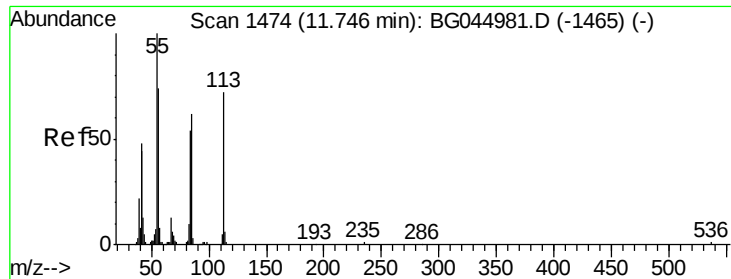
Tot Ion:	127	Resp:	18031
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	33.9	25.4	38.2
92	27.9	16.1	24.1#



#34
Hexachlorobutadiene
Concen: 3.355 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:	225	Resp:	14330
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.7	76.1
227	57.7	50.2	75.2

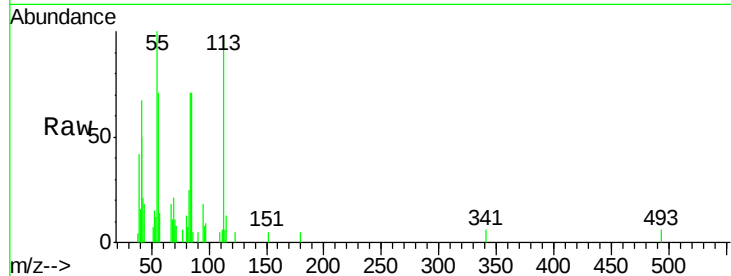




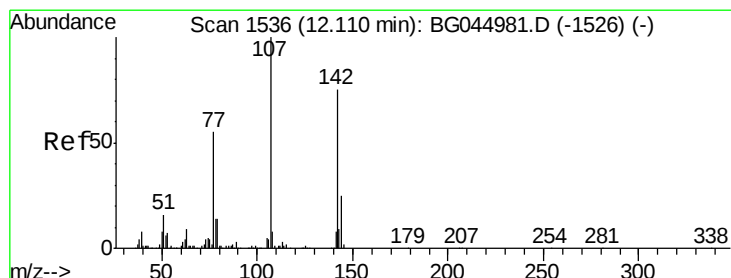
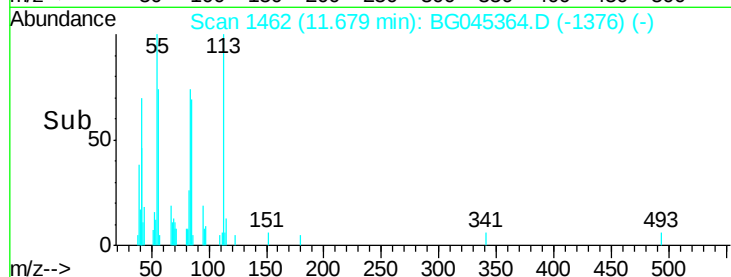
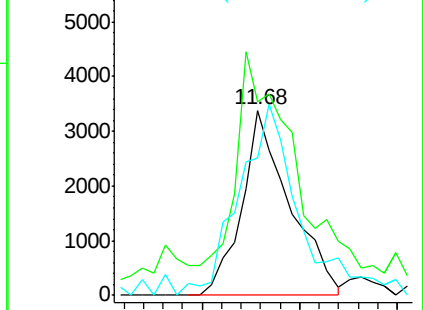
#35
Caprolactam
Concen: 2.613 ng
RT: 11.68 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 5722
Ion Ratio Lower Upper
113 100
55 104.5 118.8 158.8#
56 74.1 82.6 122.6#

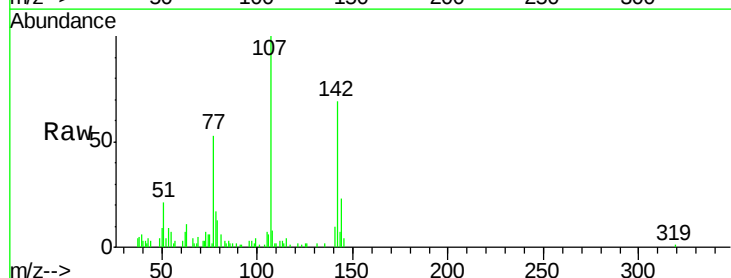


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

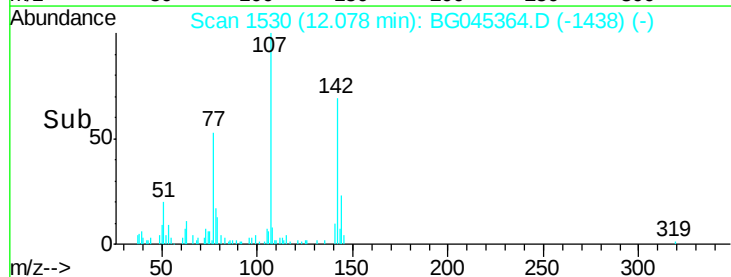
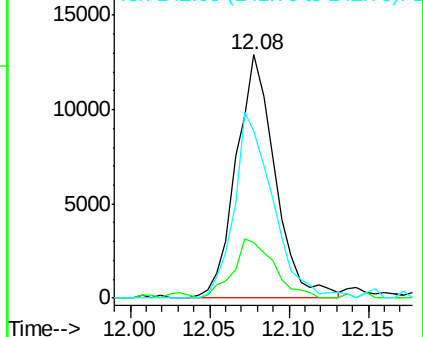


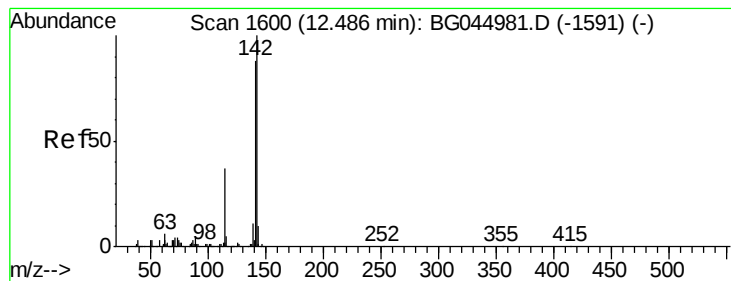
#36
4-Chloro-3-methylphenol
Concen: 3.409 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:107 Resp: 22038
Ion Ratio Lower Upper
107 100
144 22.8 19.8 29.6
142 68.6 59.7 89.5



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: 5.025 ng

RT: 12.44 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

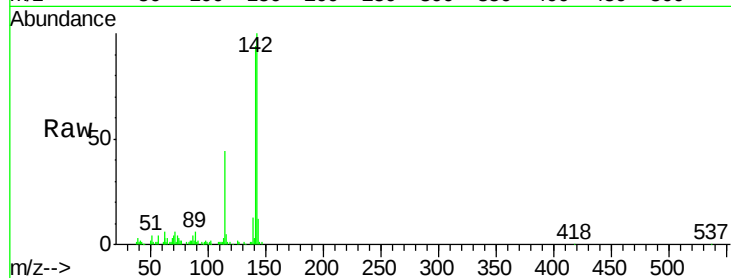
Tot Ion:142 Resp: 66229

Ion Ratio Lower Upper

142 100

141 93.9 70.3 105.5

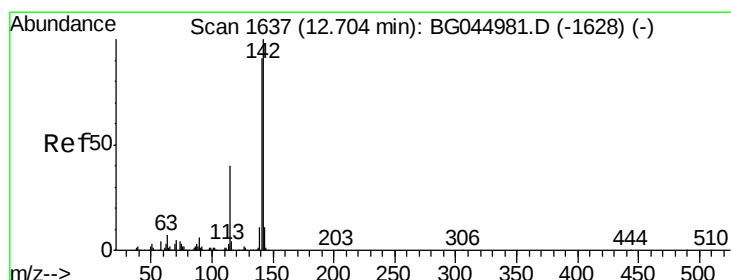
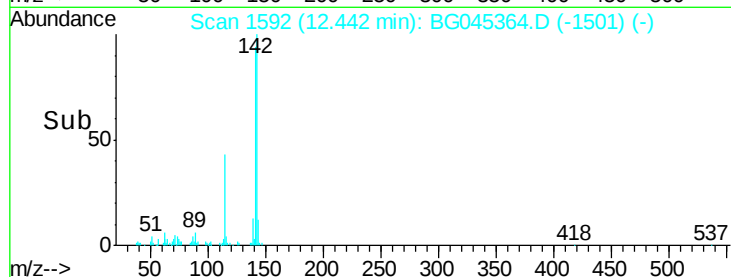
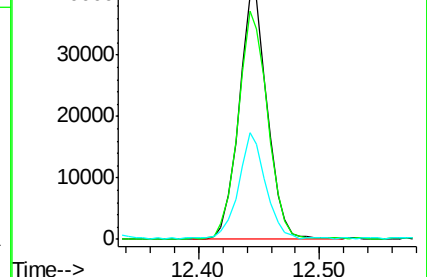
115 44.1 29.8 44.6



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: 5.345 ng

RT: 12.67 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

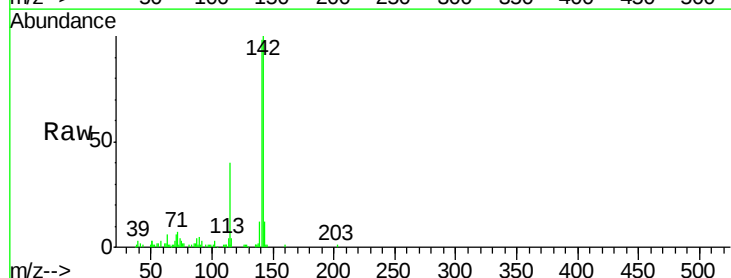
Tgt Ion:142 Resp: 66506

Ion Ratio Lower Upper

142 100

141 97.6 72.7 109.1

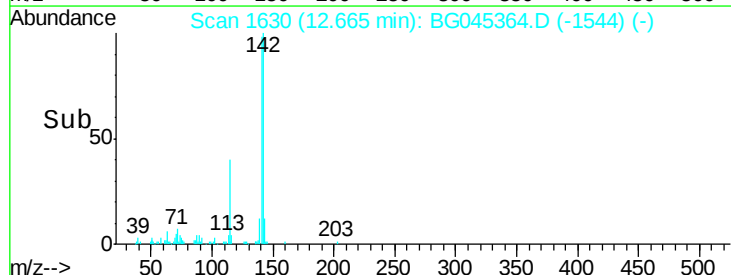
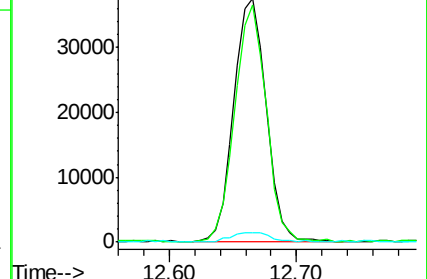
116 4.1 3.1 4.7

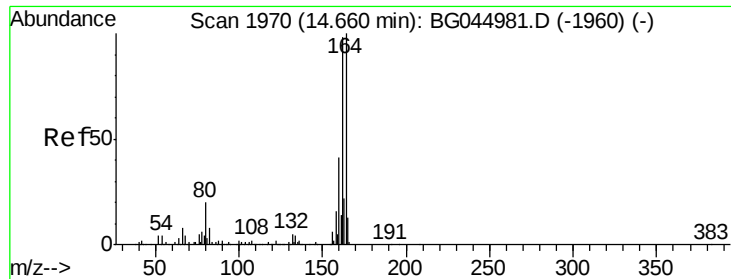


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

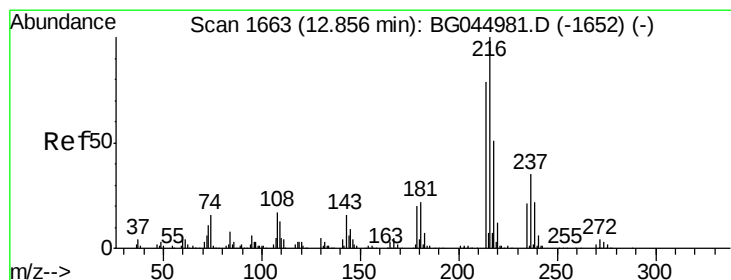
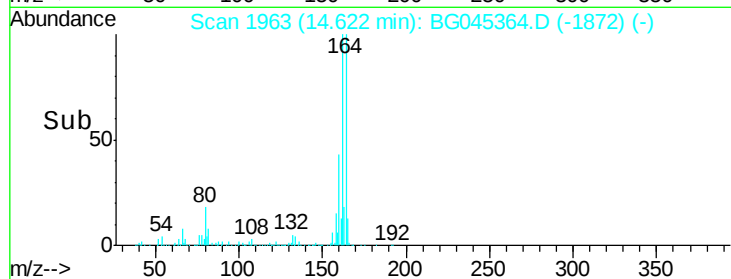
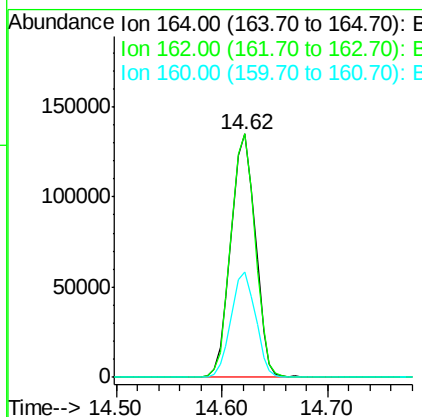
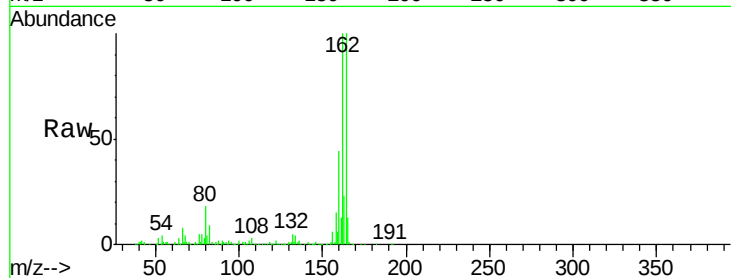




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

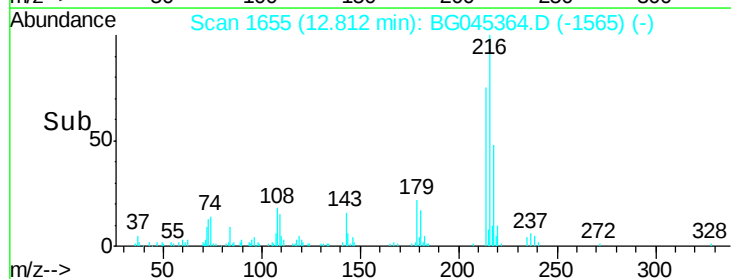
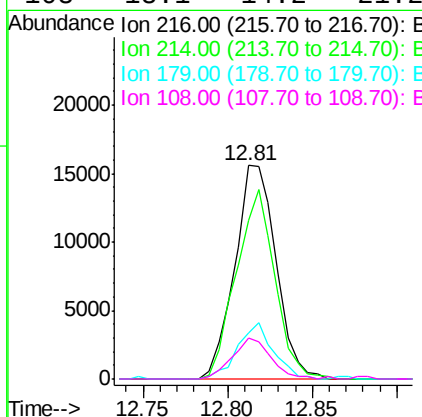
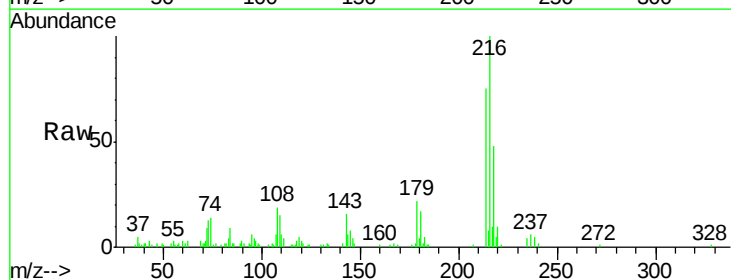
Instrument :
BNA_G
ClientSampleId :

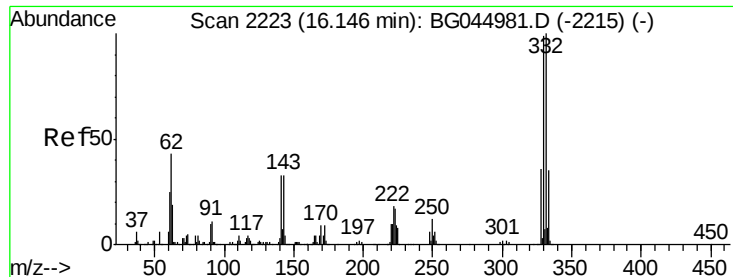
Tot Ion:164 Resp: 216576
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 43.5 32.8 49.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.797 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:216 Resp: 26474
Ion Ratio Lower Upper
216 100
214 83.3 63.0 94.6
179 22.8 15.8 23.8
108 18.1 14.2 21.2

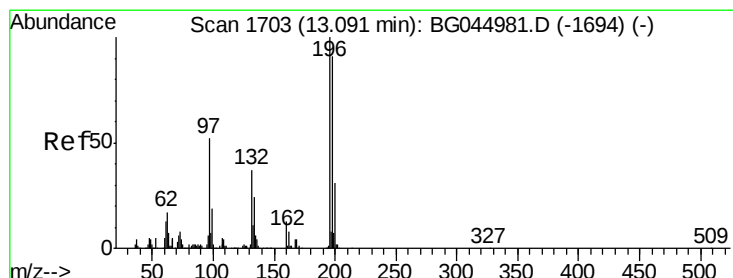
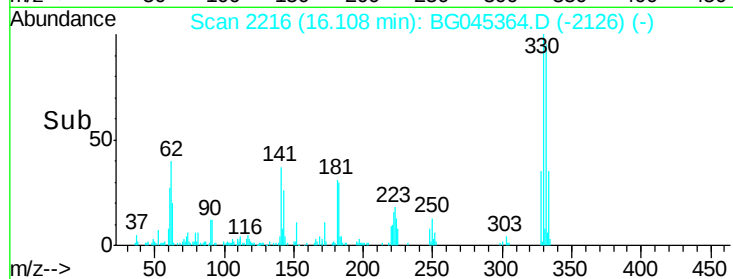
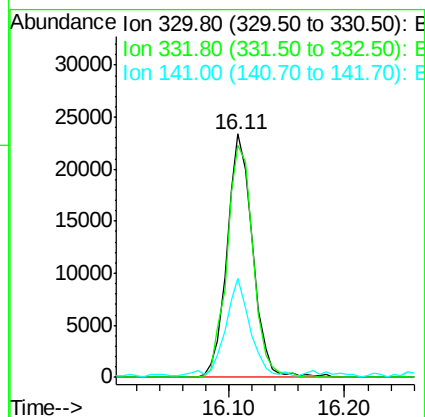
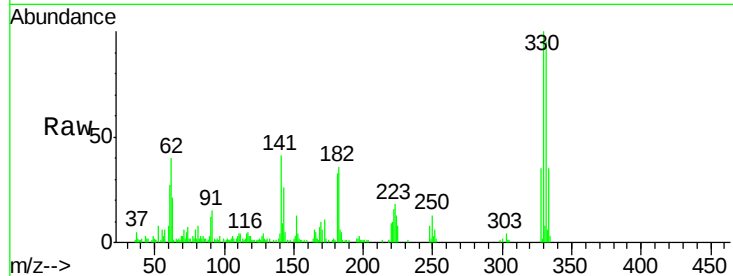




#42
 2,4,6-Tribromophenol
 Concen: 10.712 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

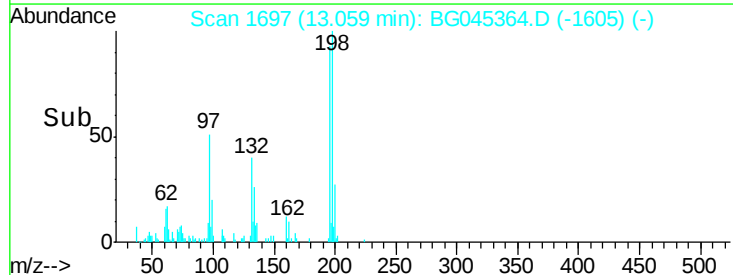
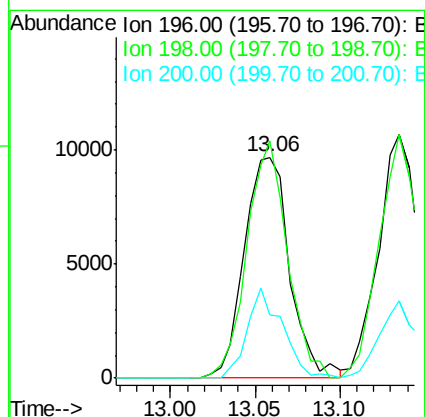
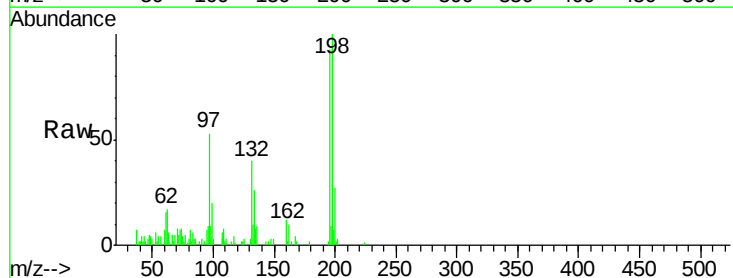
Instrument :
 BNA_G
 ClientSampleId :

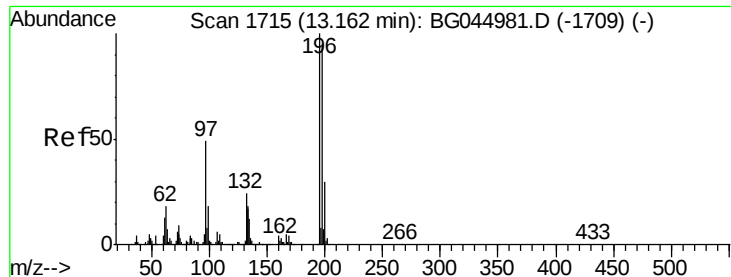
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.1	118.7
141	37.6	27.1	40.7



#43
 2,4,6-Trichlorophenol
 Concen: 3.670 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	107.5	72.5	108.7
200	28.7	24.5	36.7

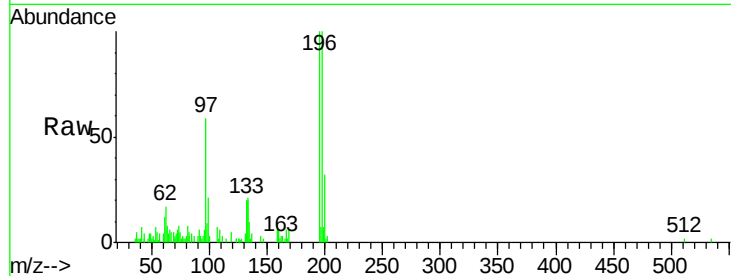




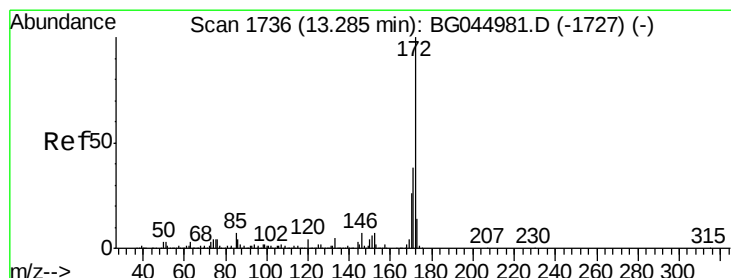
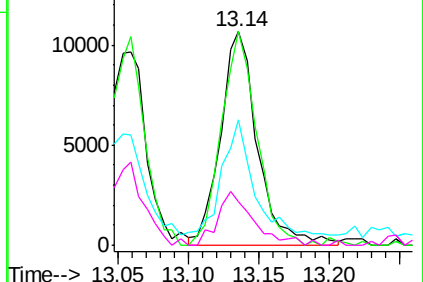
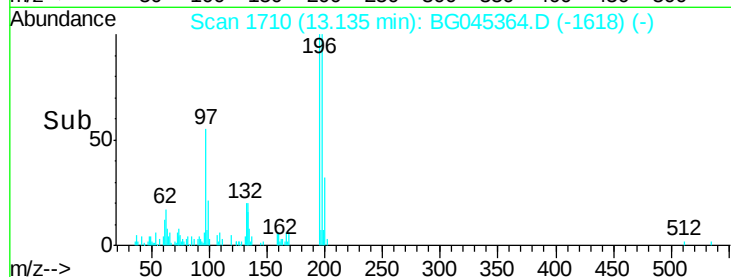
#44
 2,4,5-Trichlorophenol
 Concen: 3.470 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	19440
Ion	Ratio	Lower	Upper
196	100		
198	99.8	75.7	113.5
97	59.0	39.6	59.4
132	20.3	19.6	29.4

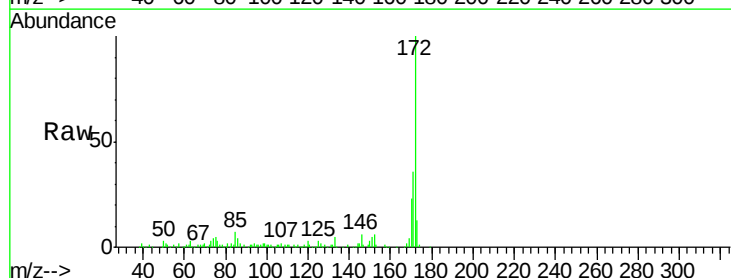


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

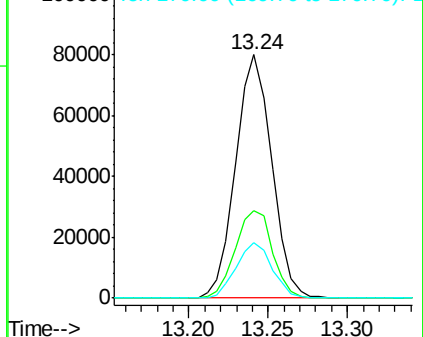
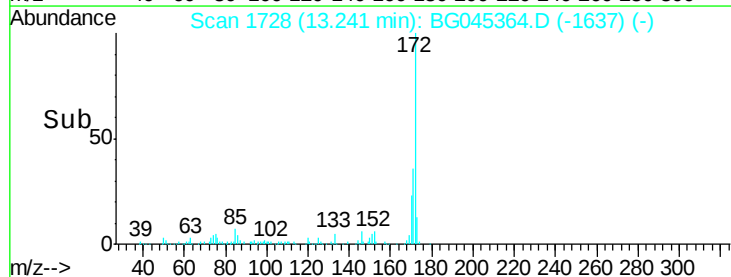


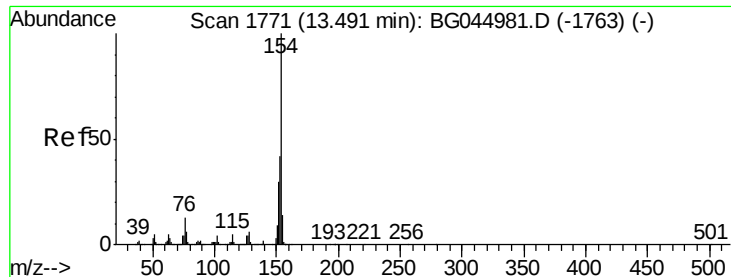
#45
 2-Fluorobiphenyl
 Concen: 8.552 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion:	172	Resp:	126316
Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	46.0
170	22.6	20.5	30.7



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

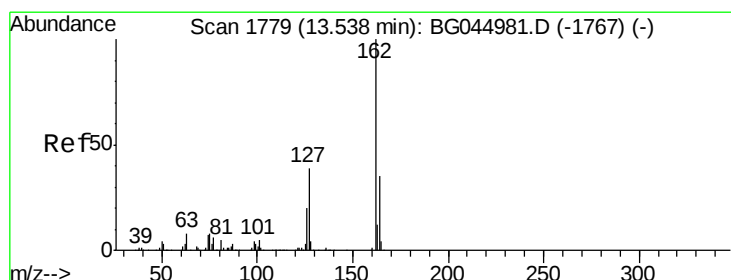
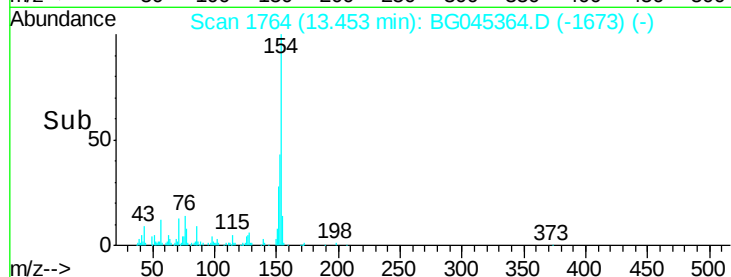
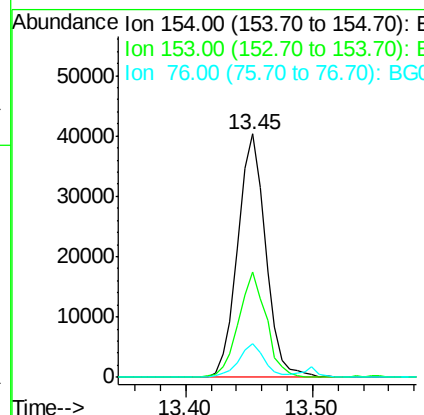
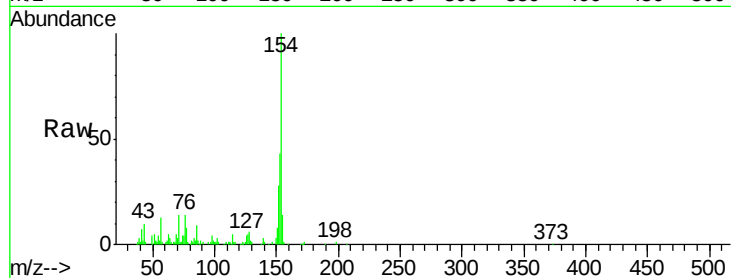




#46
 1,1'-Biphenyl
 Concen: 3.730 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

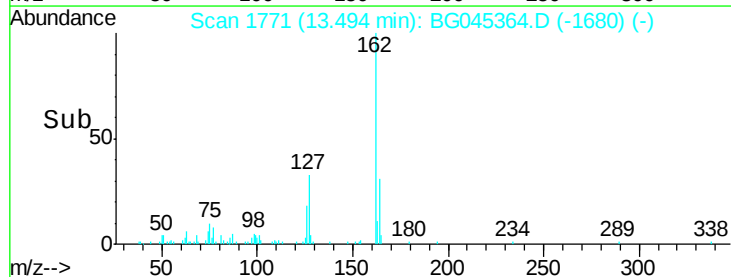
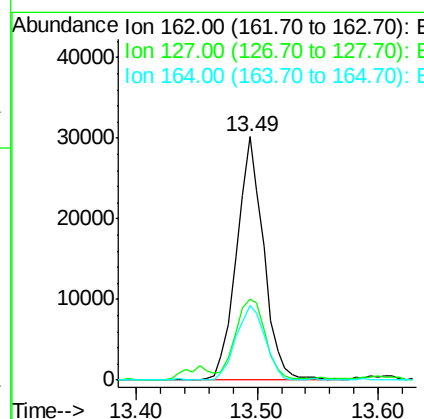
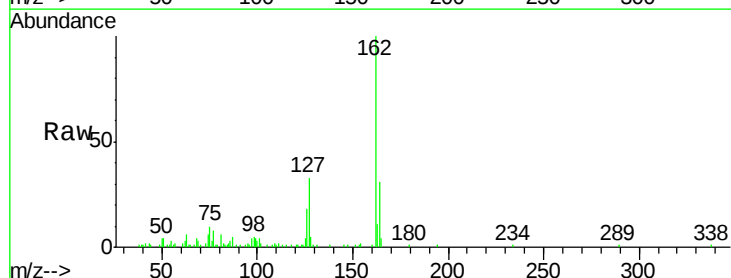
Instrument :
 BNA_G
 ClientSampleId :

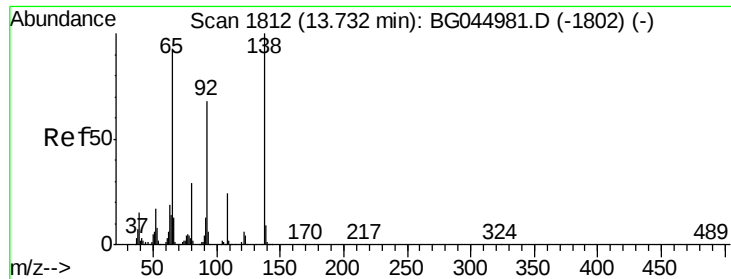
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	21.9	61.9
76	13.9	0.0	33.1



#47
 2-Chloronaphthalene
 Concen: 3.739 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.3	31.3	46.9
164	30.7	27.8	41.8

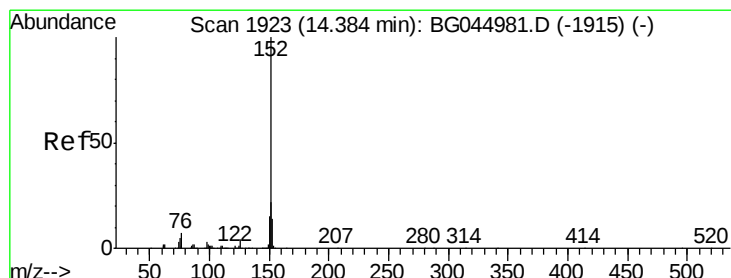
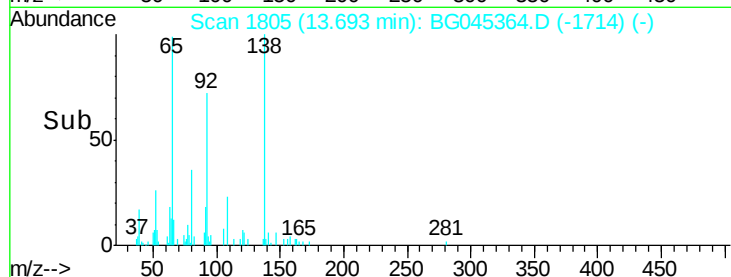
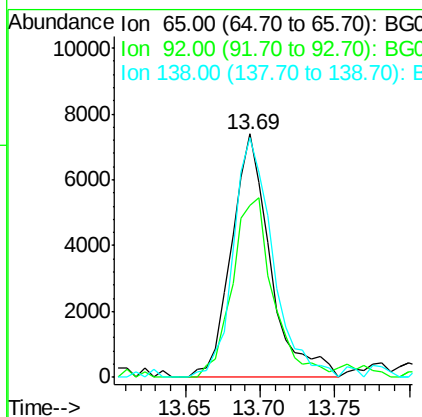
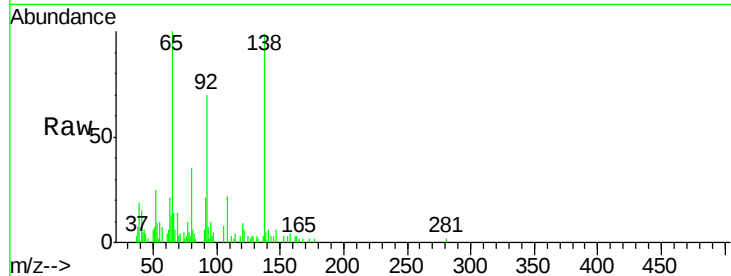




#48
2-Nitroaniline
Concen: 3.234 ng
RT: 13.69 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

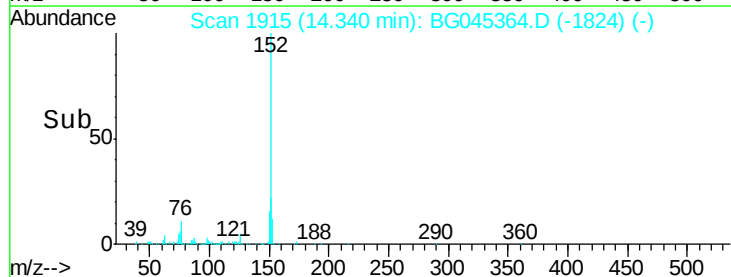
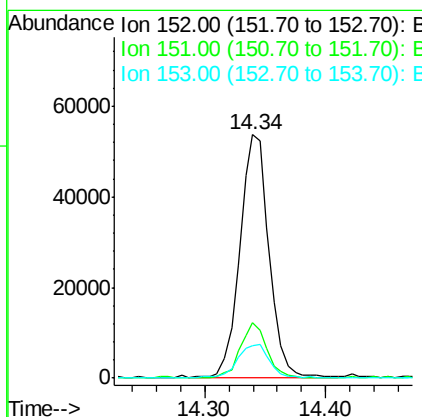
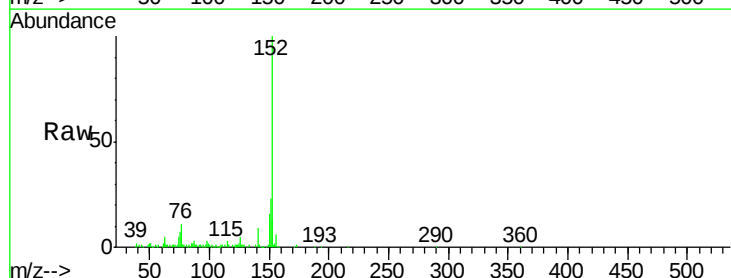
Instrument :
BNA_G
ClientSampleId :

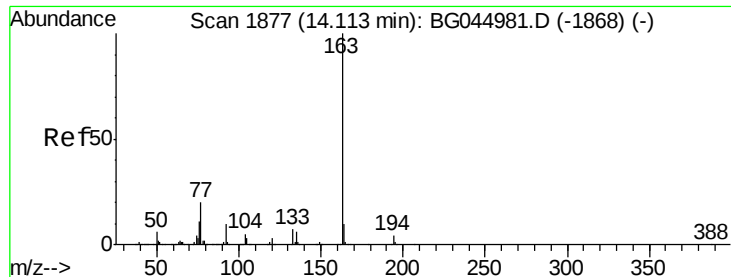
Tot Ion: 65 Resp: 13384
Ion Ratio Lower Upper
65 100
92 70.5 58.3 87.5
138 98.6 85.6 128.4



#49
Acenaphthylene
Concen: 4.438 ng
RT: 14.34 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion: 152 Resp: 90920
Ion Ratio Lower Upper
152 100
151 22.8 17.2 25.8
153 13.1 11.0 16.4





#50

Dimethylphthalate

Concen: 4.497 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

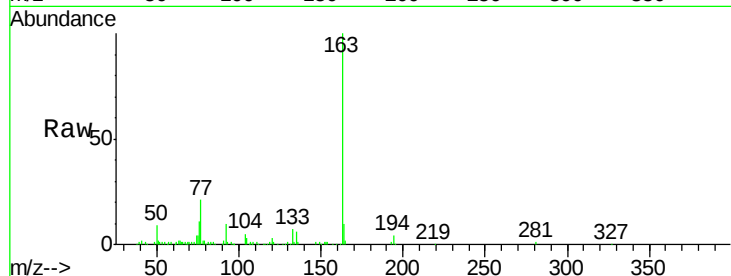
Tot Ion:163 Resp: 79304

Ion Ratio Lower Upper

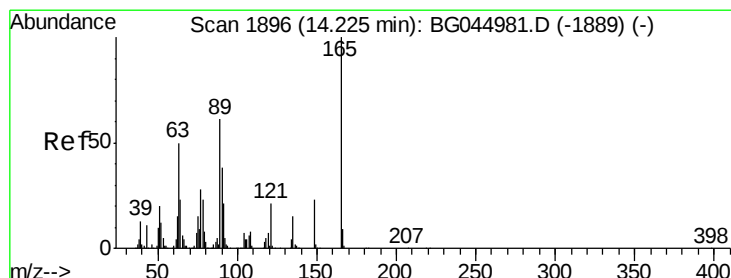
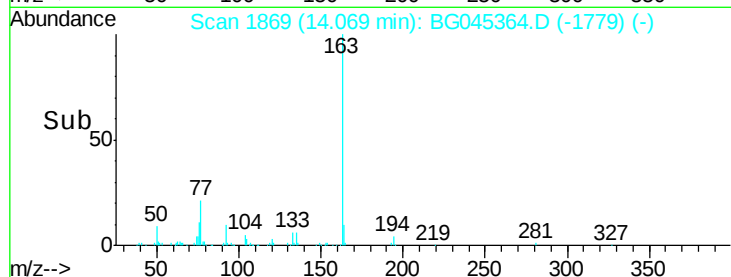
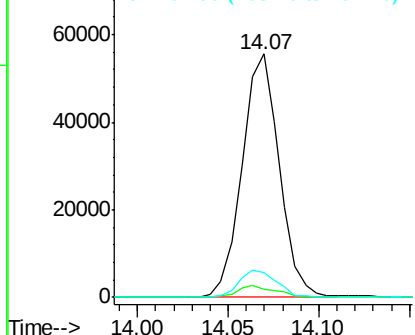
163 100

194 3.5 3.5 5.3#

164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 3.284 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

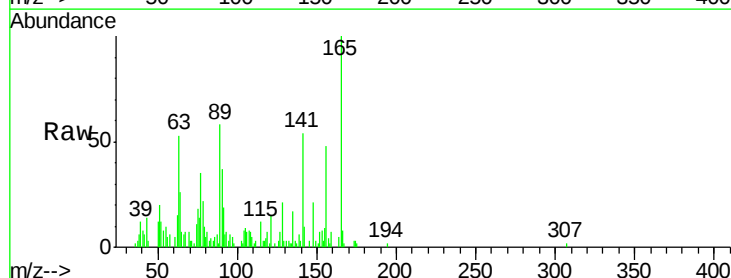
Tgt Ion:165 Resp: 12953

Ion Ratio Lower Upper

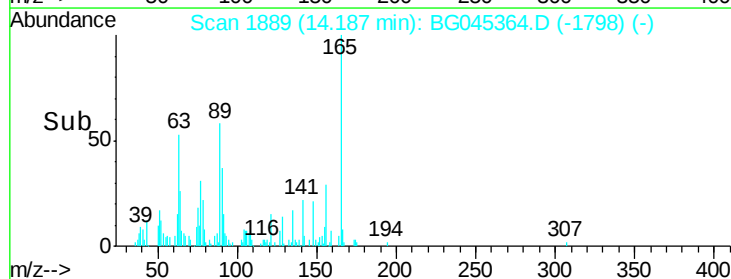
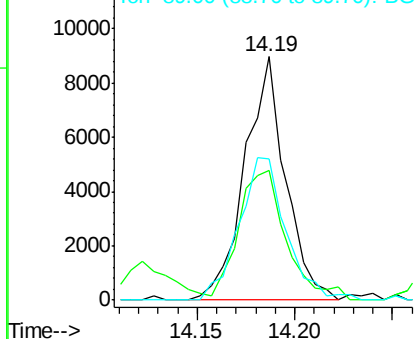
165 100

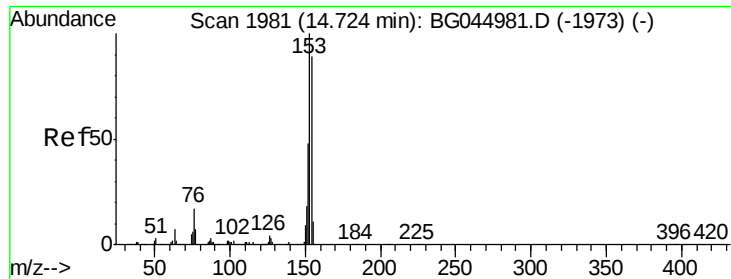
63 53.3 40.4 60.6

89 58.2 49.1 73.7



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





#52

Acenaphthene

Concen: 5.416 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

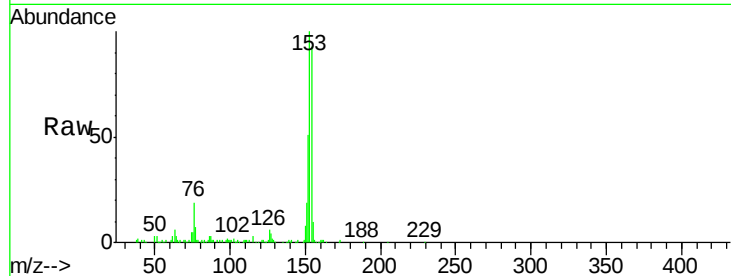
Tot Ion:154 Resp: 75070

Ion Ratio Lower Upper

154 100

153 107.4 89.7 134.5

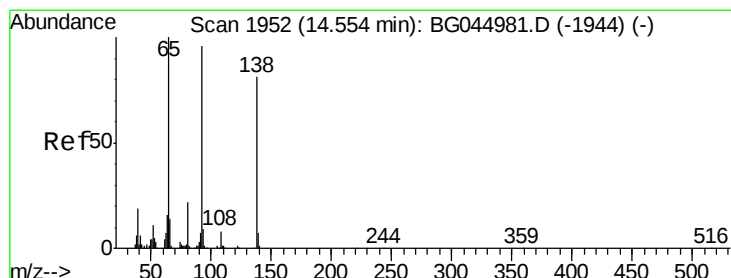
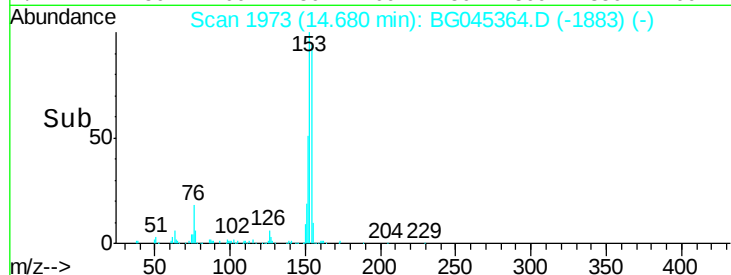
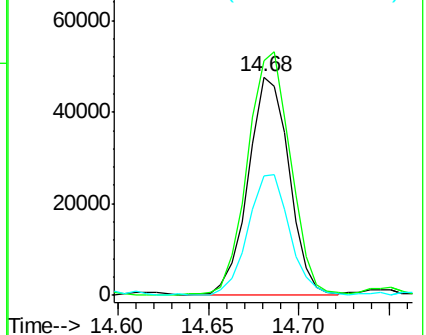
152 54.9 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 2.504 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

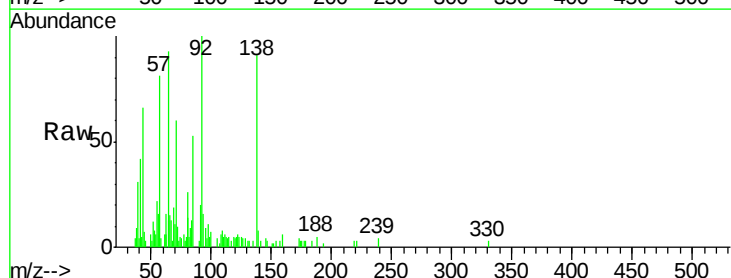
Tgt Ion:138 Resp: 10834

Ion Ratio Lower Upper

138 100

108 6.2 7.8 11.8#

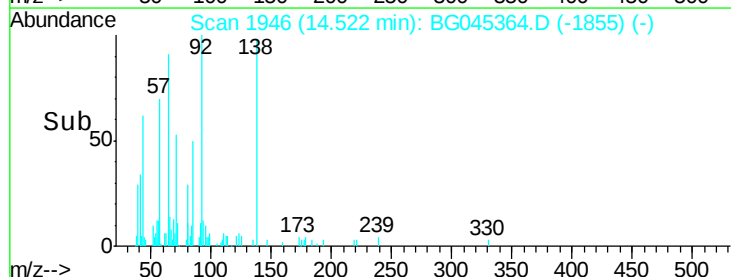
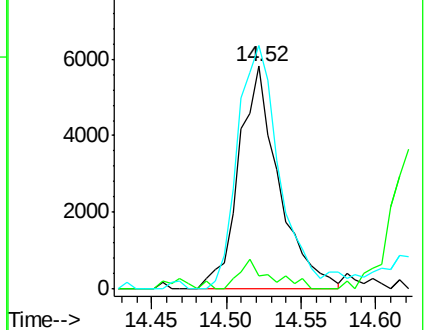
92 109.4 94.5 141.7

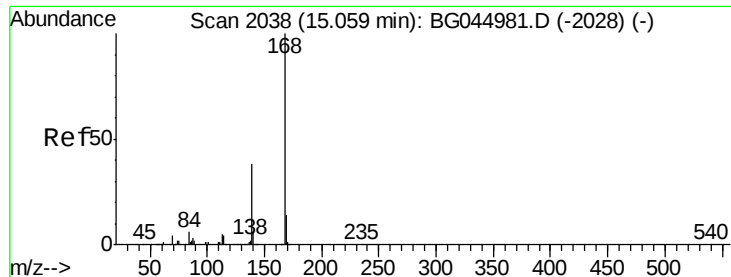


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#55

Dibenzenofuran

Concen: 5.503 ng

RT: 15.02 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

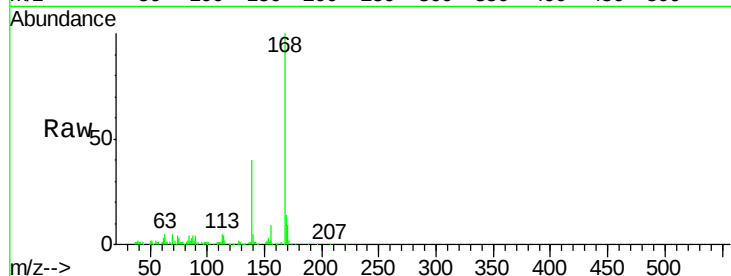
Tot Ion:168 Resp: 111210

Ion Ratio Lower Upper

168 100

139 40.2 30.4 45.6

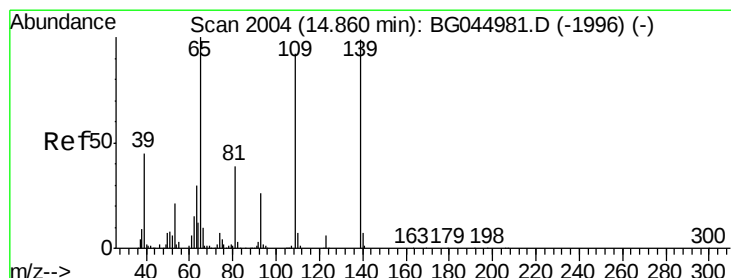
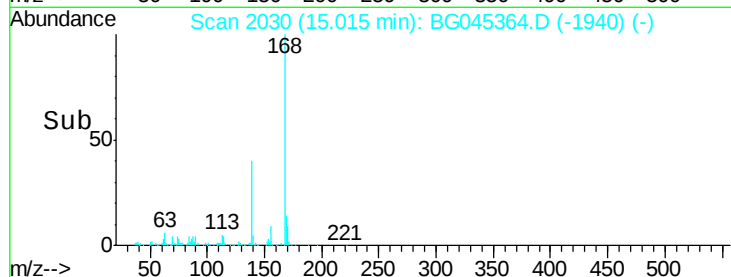
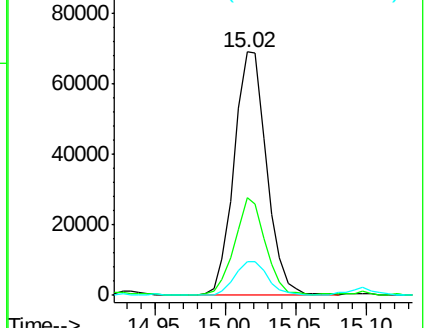
169 13.8 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 5.832 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

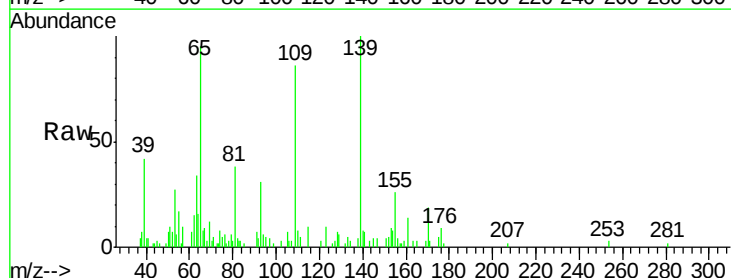
Tgt Ion:139 Resp: 19561

Ion Ratio Lower Upper

139 100

109 86.2 73.6 113.6

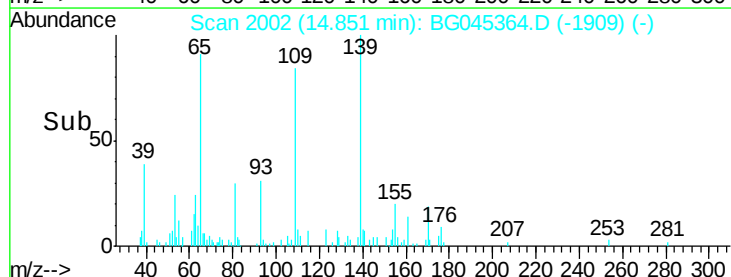
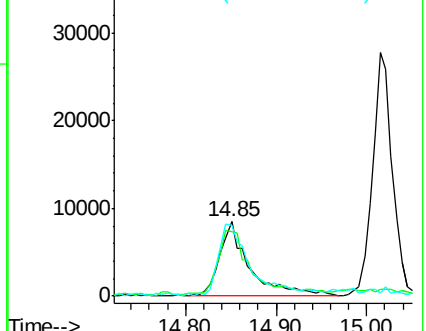
65 94.6 81.2 121.2

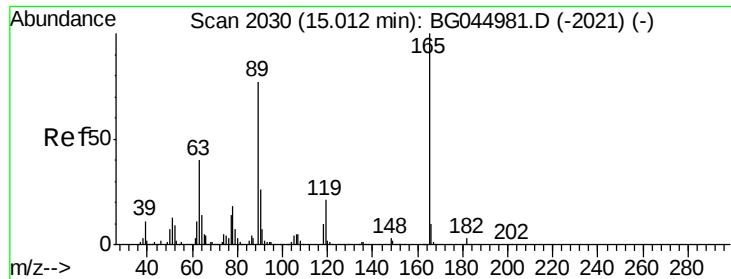


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

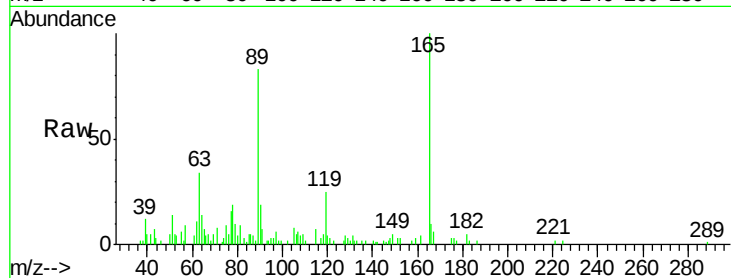




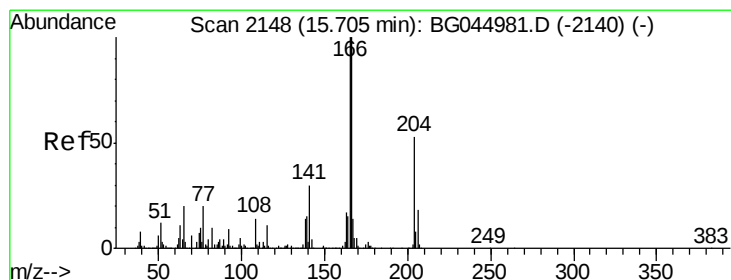
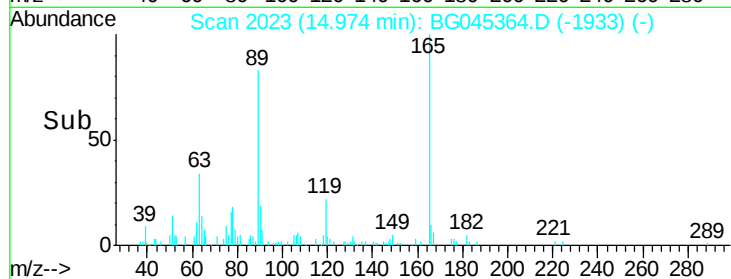
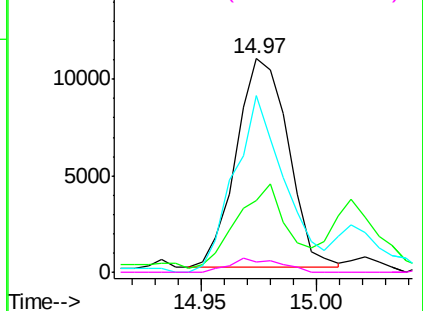
#57
2,4-Dinitrotoluene
Concen: 2.938 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 16933
Ion Ratio Lower Upper
165 100
63 33.7 32.2 48.2
89 82.8 61.7 92.5
182 5.0 2.0 3.0#

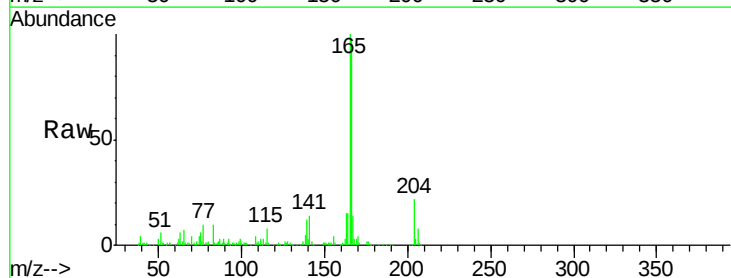


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

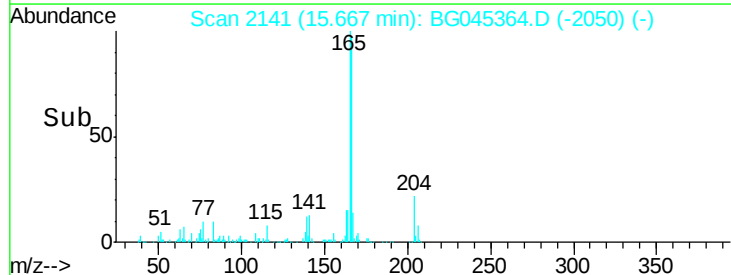
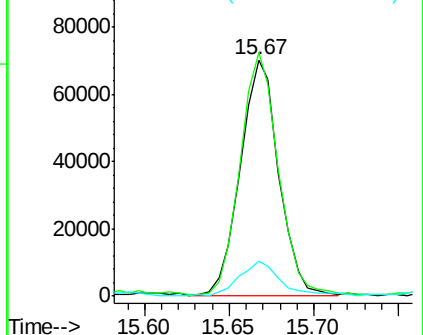


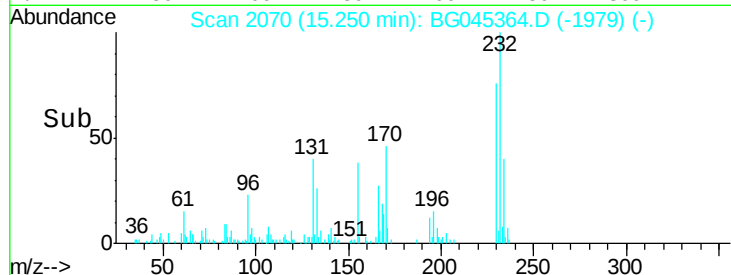
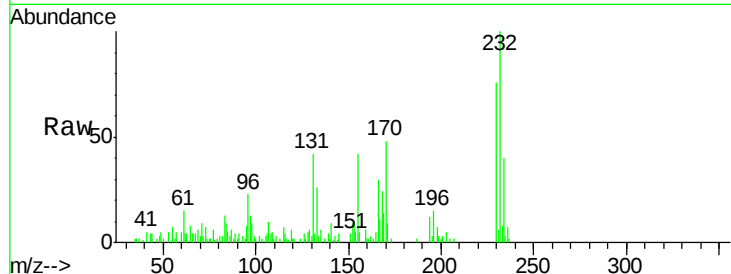
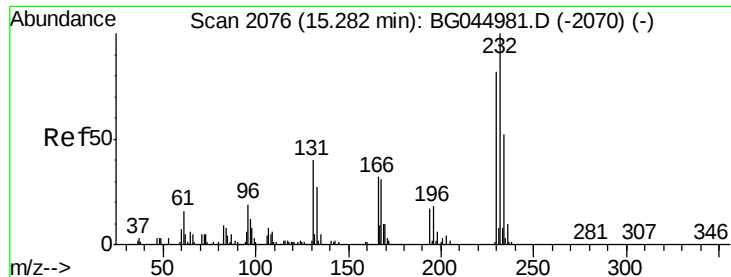
#58
Fluorene
Concen: 6.679 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:166 Resp: 110263
Ion Ratio Lower Upper
166 100
165 103.1 79.9 119.9
167 14.7 11.4 17.0



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

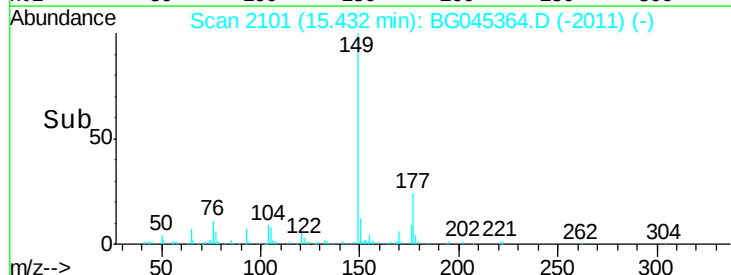
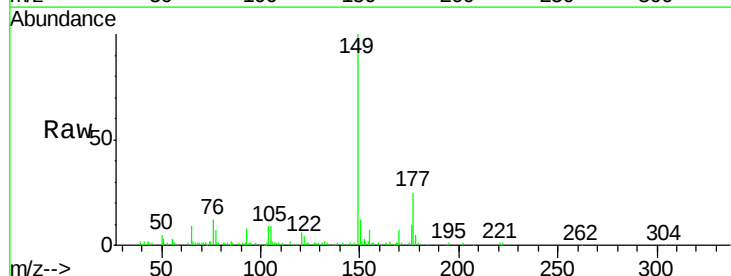
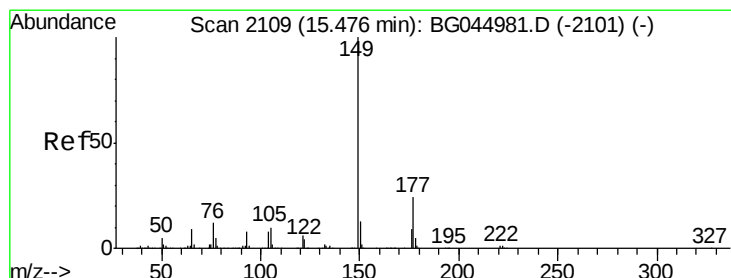
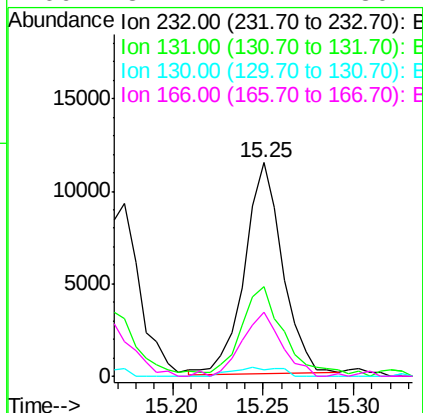




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.329 ng
RT: 15.25 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

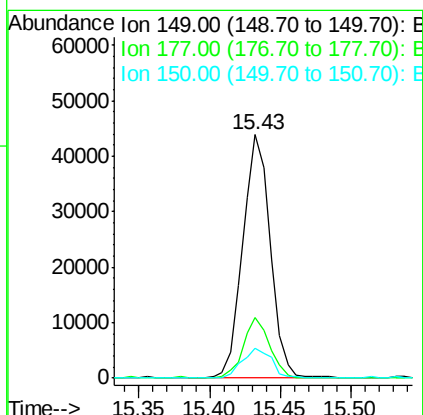
Instrument :
BNA_G
ClientSampleId :

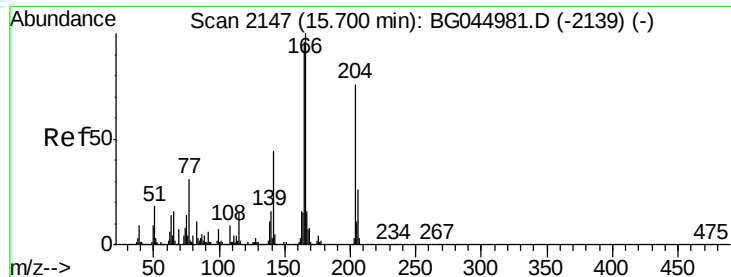
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.8	32.2	48.2#
130	5.2	2.2	3.2#
166	31.7	24.2	36.4



#60
Diethylphthalate
Concen: 3.260 ng
RT: 15.43 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.9	28.3
150	12.4	10.6	15.8

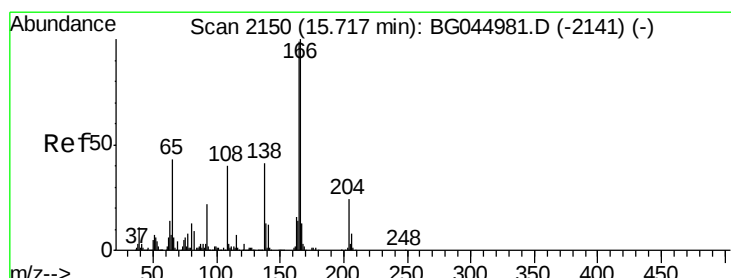
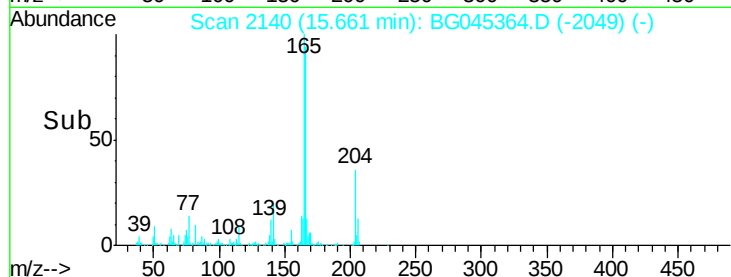
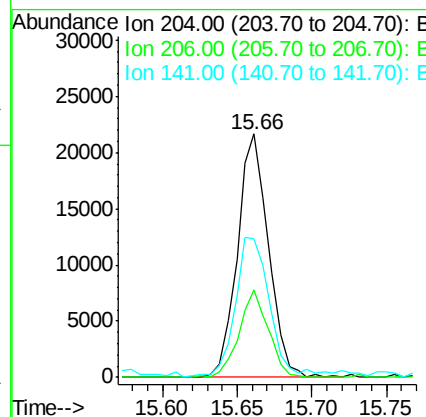
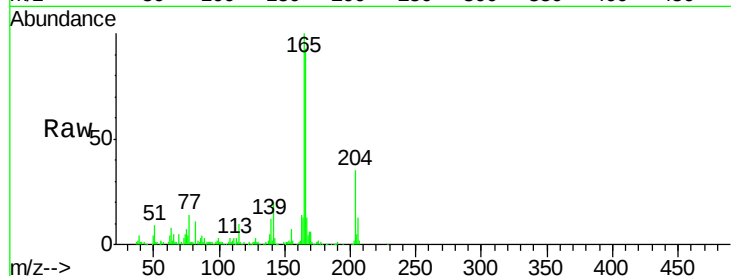




#61
 4-Chlorophenyl-phenylether
 Concen: 3.295 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

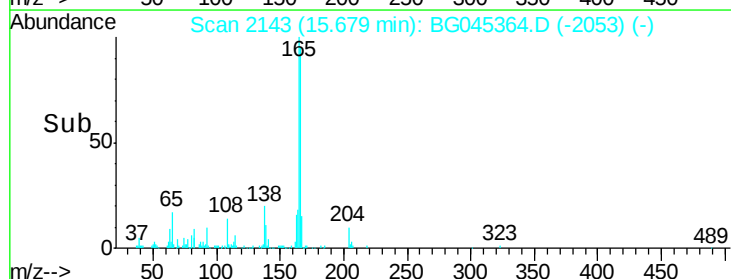
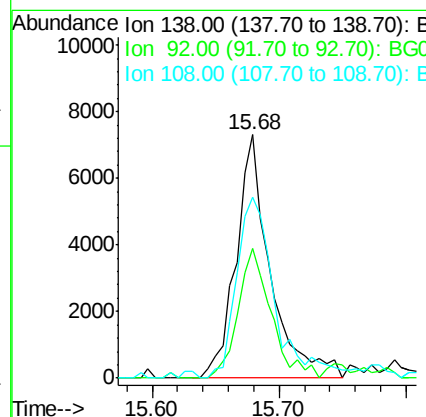
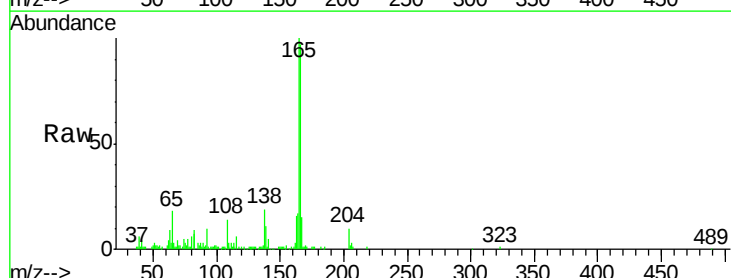
Instrument :
 BNA_G
 ClientSampleId :

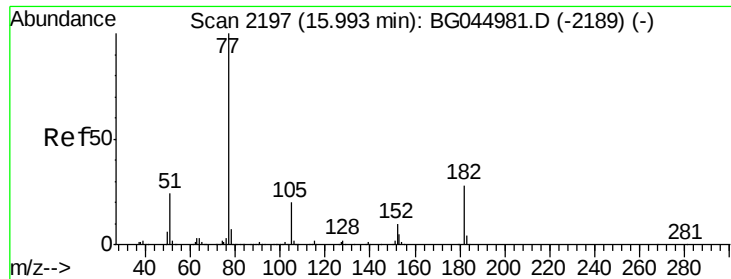
Tot Ion	Ratio	Lower	Upper
204	100		
206	36.0	26.9	40.3
141	56.8	46.3	69.5



#62
 4-Nitroaniline
 Concen: 3.030 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	33.6	73.6
108	74.4	78.2	118.2

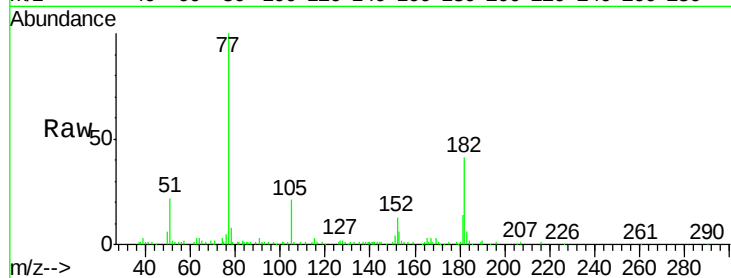




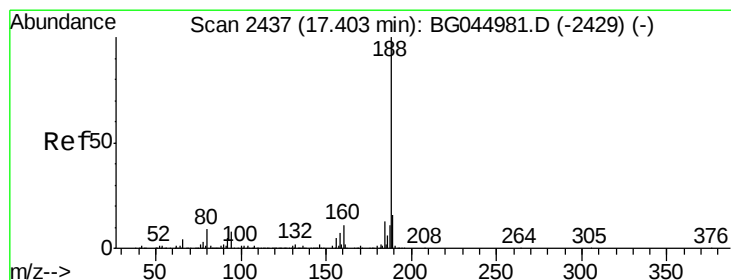
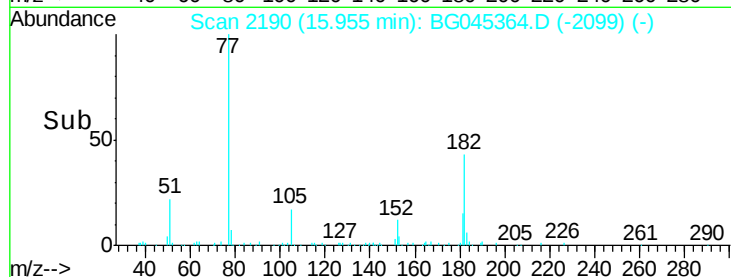
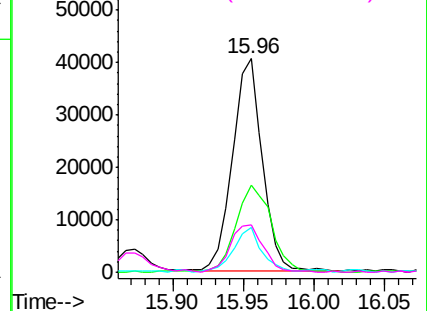
#63
Azobenzene
Concen: 3.496 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	59260
Ion	Ratio	Lower	Upper
77	100		
182	41.0	8.4	48.4
105	20.9	0.5	40.5
51	22.1	4.4	44.4

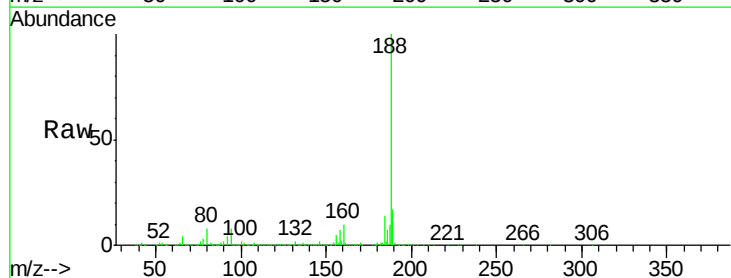


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

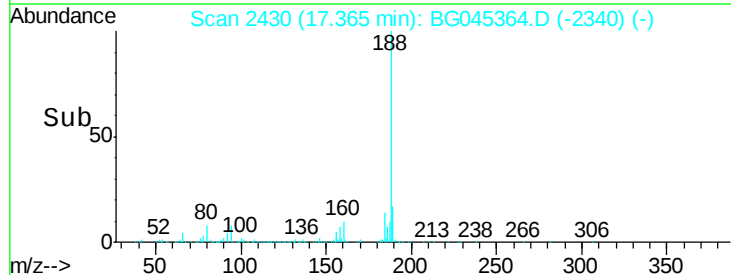
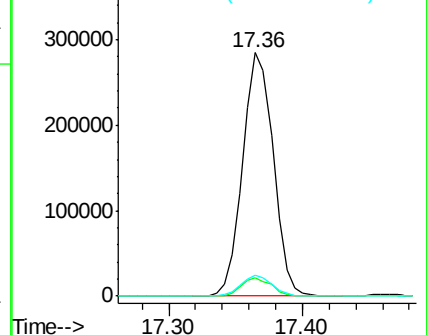


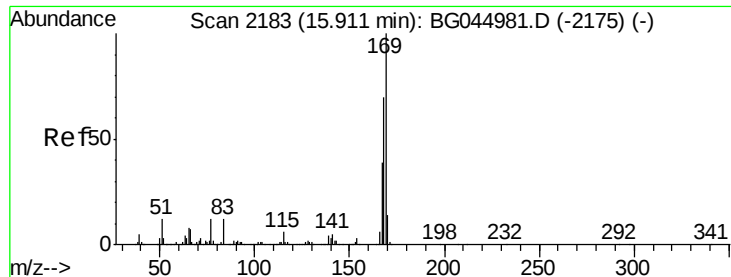
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:	188	Resp:	451775
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	8.4	7.0	10.6



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

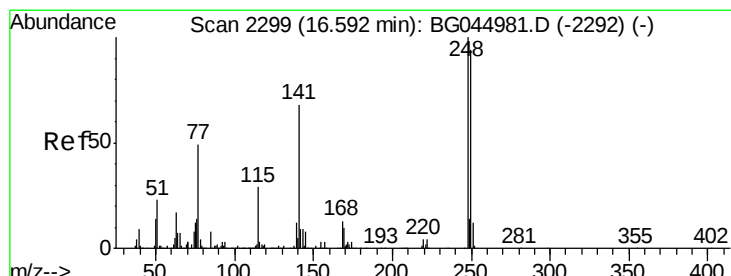
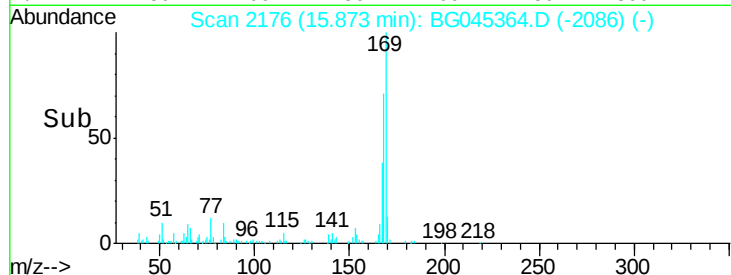
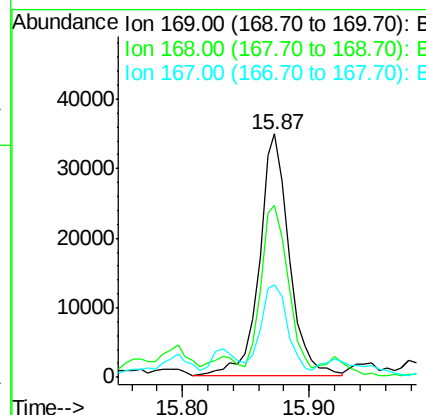
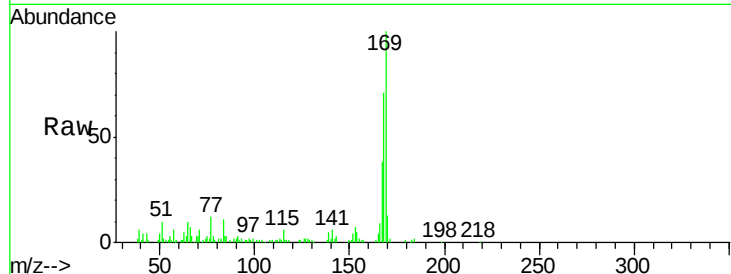




#66
n-Nitrosodiphenylamine
Concen: 4.391 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

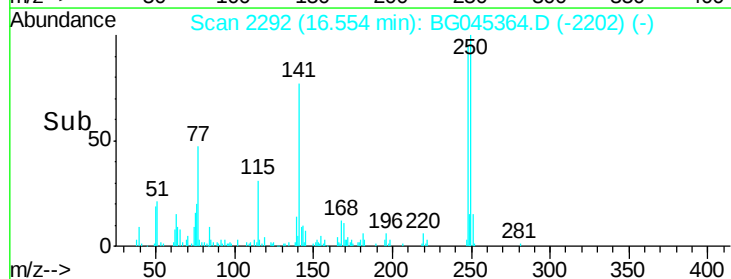
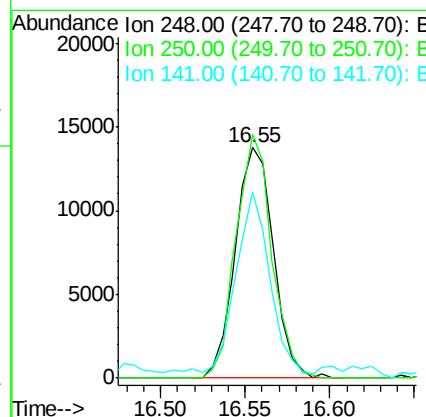
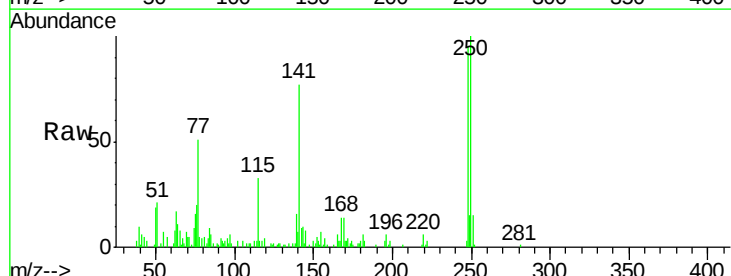
Instrument :
BNA_G
ClientSampled :

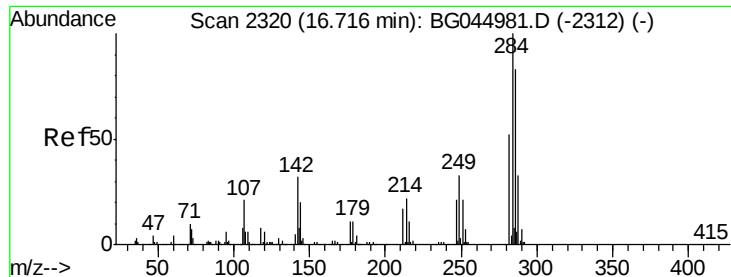
Tot Ion	169	Resp	57000
Ion Ratio	100	Lower	Upper
168	70.7	55.8	83.8
167	38.1	30.8	46.2



#67
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion	248	Resp	21572
Ion Ratio	100	Lower	Upper
250	105.6	75.4	113.2
141	80.9	54.4	81.6

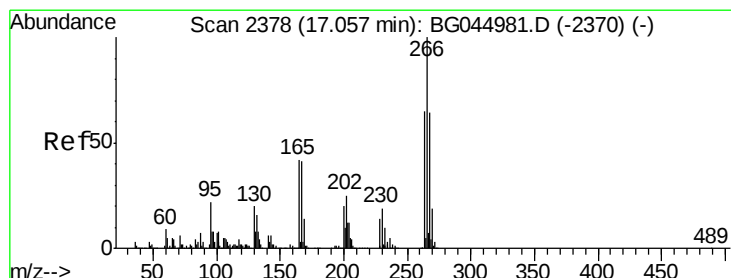
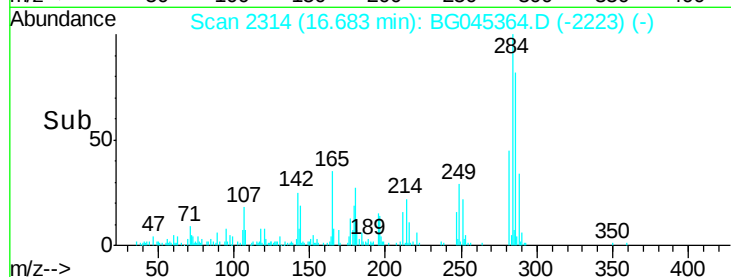
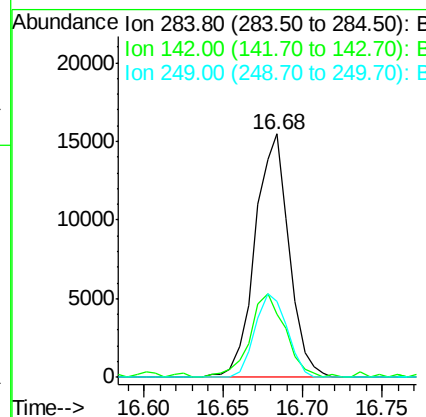
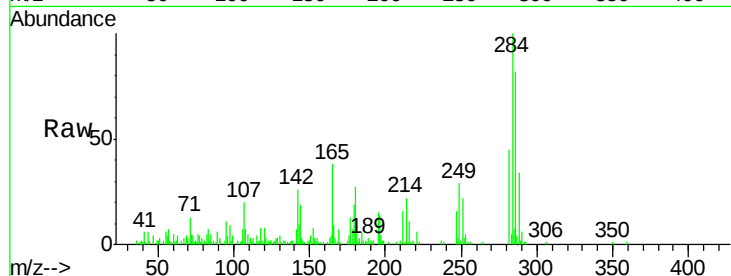




#68
Hexachlorobenzene
Concen: 3.806 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

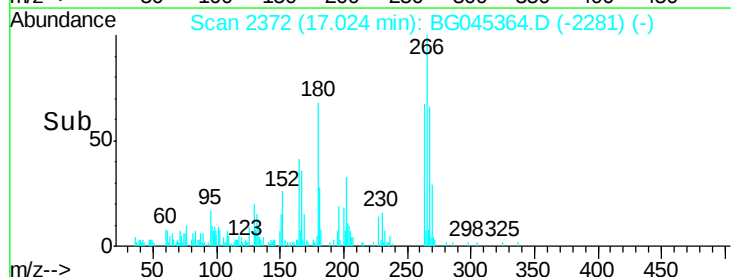
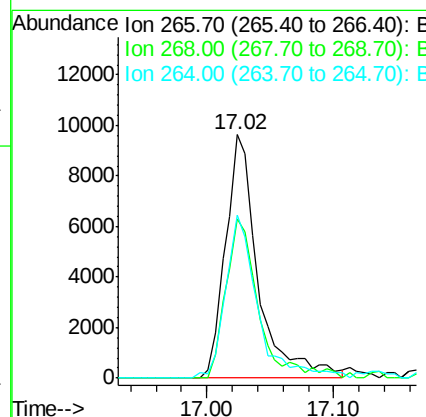
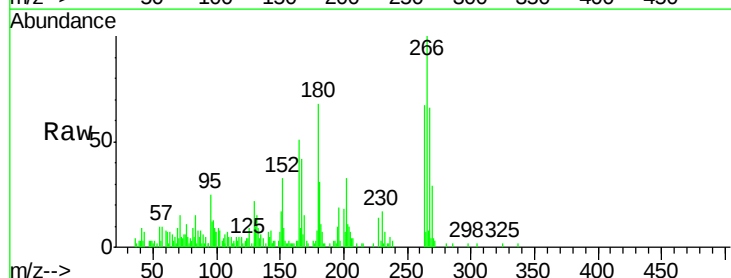
Instrument :
BNA_G
ClientSampleId :

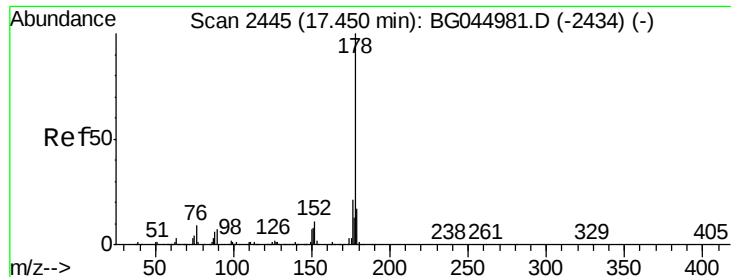
Tot Ion:284 Resp: 23008
Ion Ratio Lower Upper
284 100
142 26.0 25.8 38.6
249 31.2 26.6 39.8



#70
Pentachlorophenol
Concen: 4.660 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:266 Resp: 17280
Ion Ratio Lower Upper
266 100
268 65.6 51.5 77.3
264 67.1 52.2 78.4

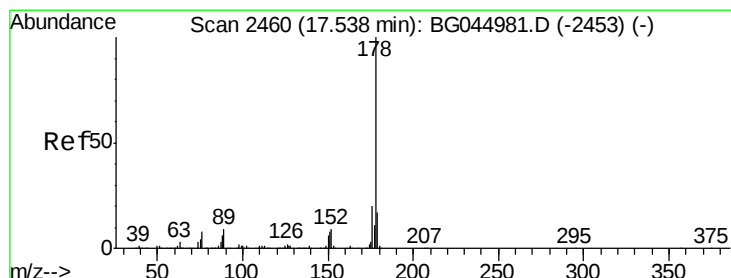
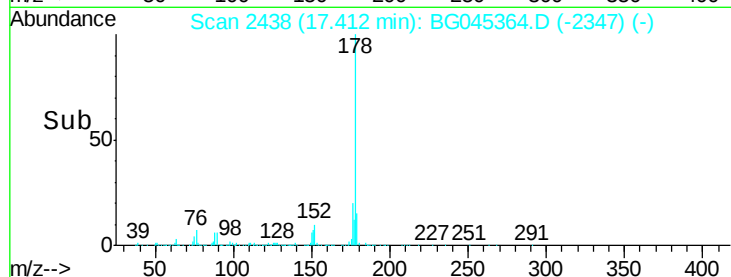
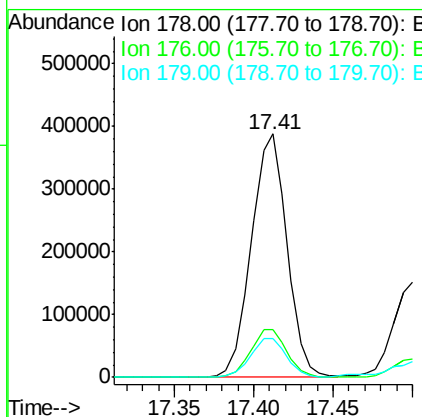
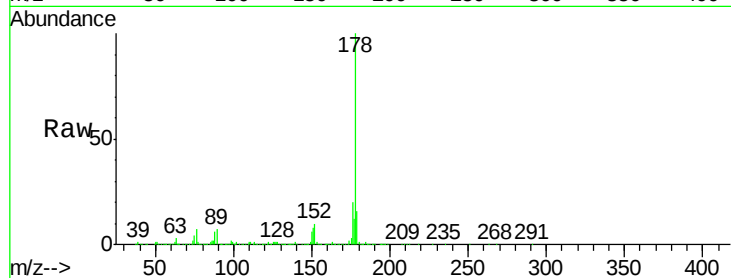




#71
Phenanthrene
Concen: 25.966 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

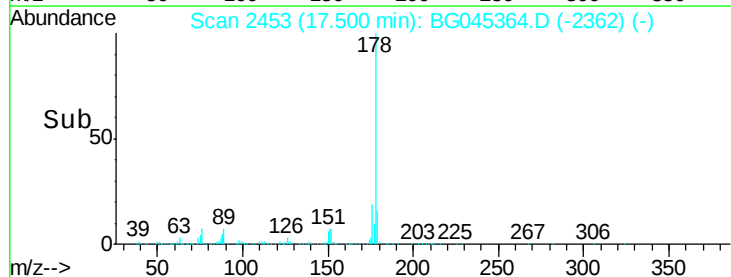
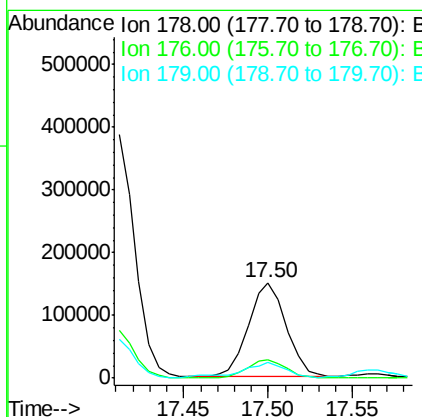
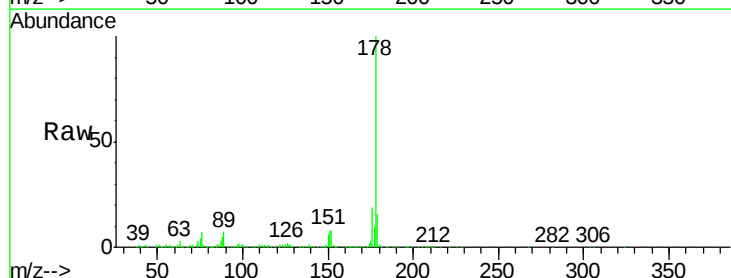
Instrument :
BNA_G
ClientSampleId :

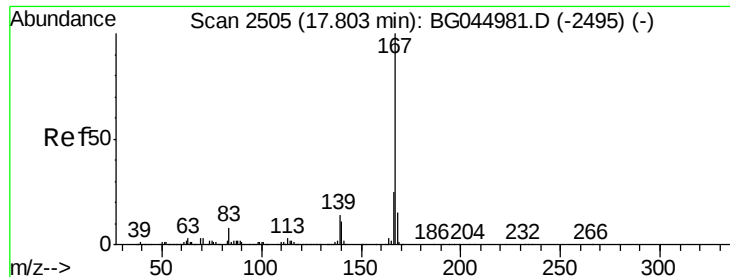
Tot Ion:178 Resp: 602808
Ion Ratio Lower Upper
178 100
176 19.7 16.8 25.2
179 15.8 13.2 19.8



#72
Anthracene
Concen: 10.078 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG045364.D
Acq: 13 May 2020 16:25

Tgt Ion:178 Resp: 234703
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 16.2 13.6 20.4

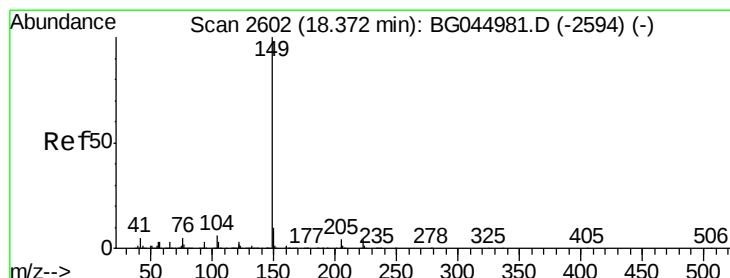
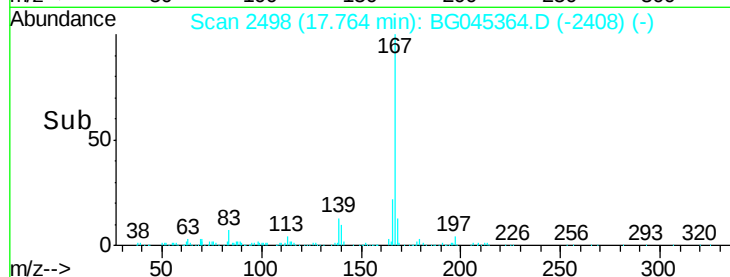
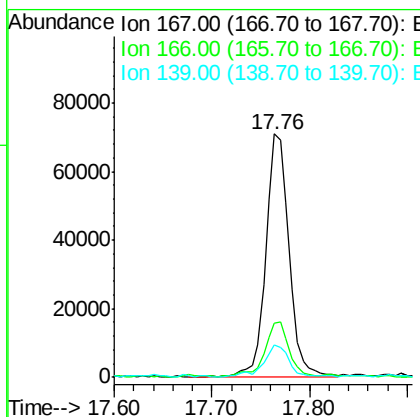
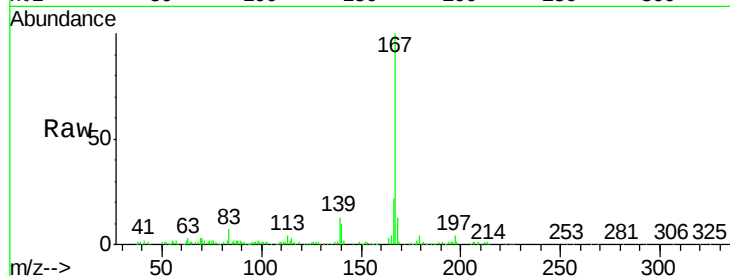




#73
 Carbazole
 Concen: 5.071 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

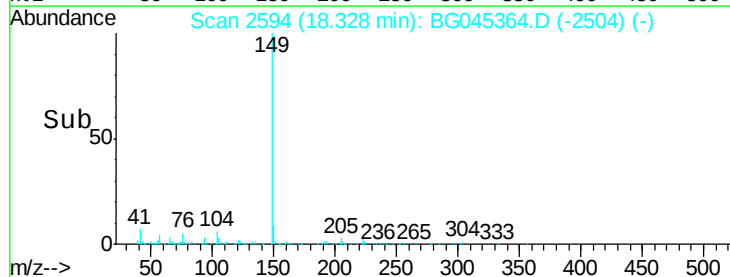
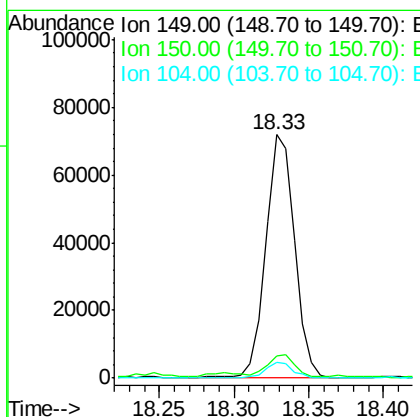
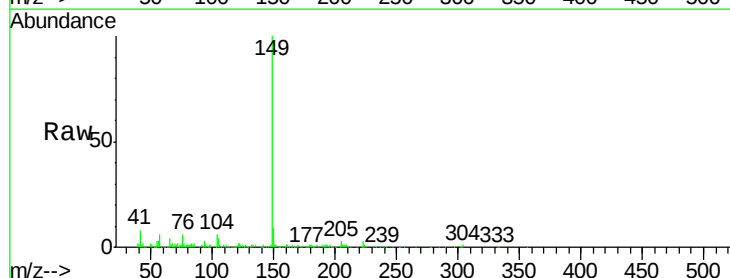
Instrument :
 BNA_G
 ClientSampleId :

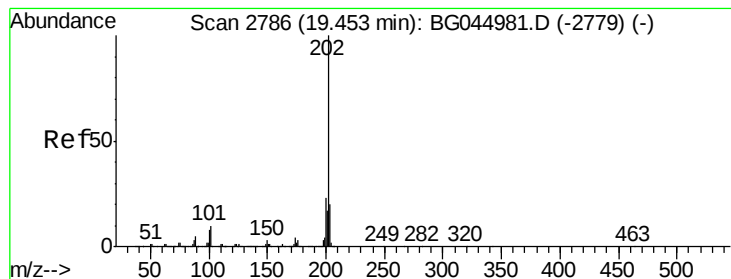
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.8	29.6
139	13.5	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG045364.D
 Acq: 13 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.2	12.2
104	6.4	4.8	7.2





#75

Fluoranthene

Concen: 32.120 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

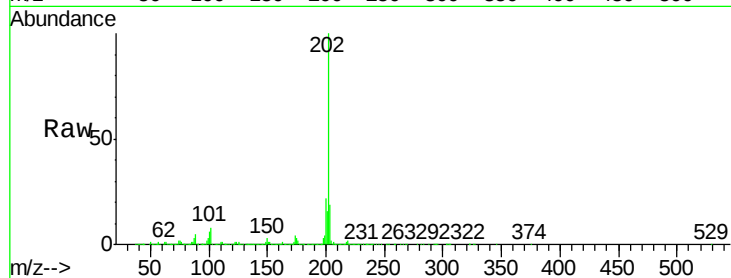
Tot Ion:202 Resp: 924656

Ion Ratio Lower Upper

202 100

101 7.7 0.0 29.6

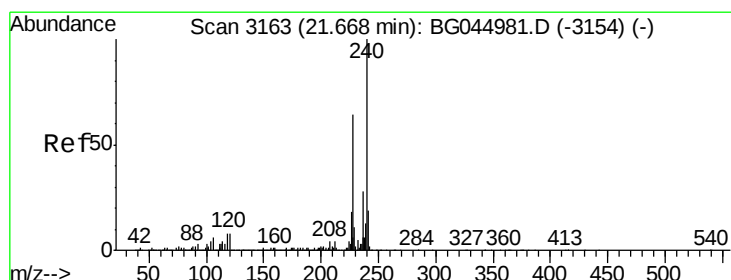
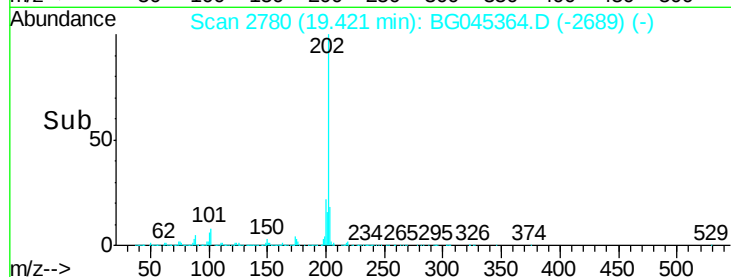
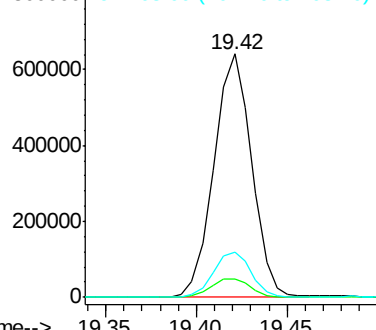
203 18.6 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

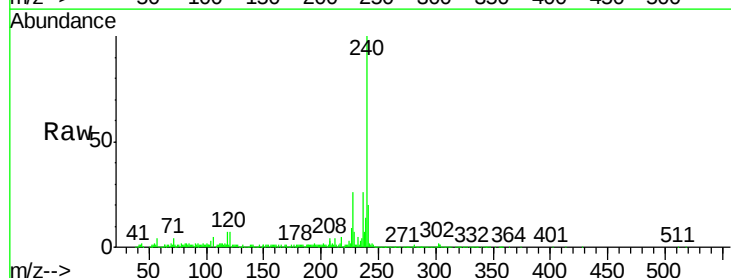
Tgt Ion:240 Resp: 382669

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

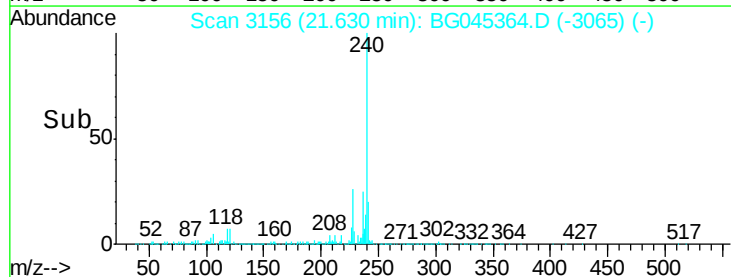
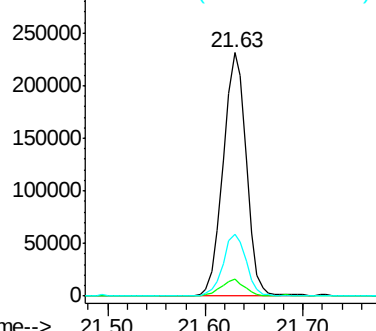
236 25.5 22.2 33.2

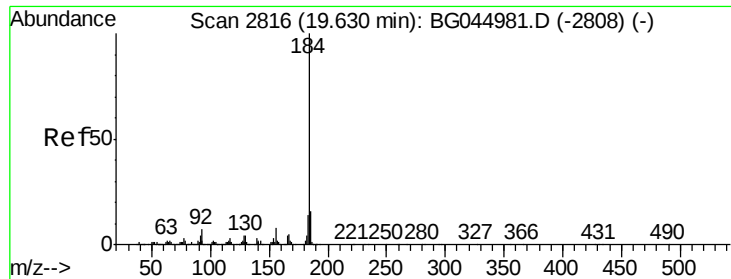


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

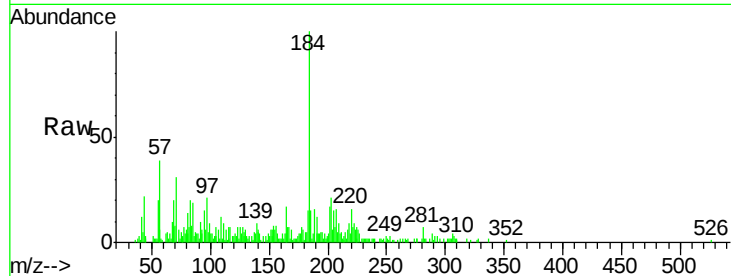
Tot Ion:184 Resp: 20092

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

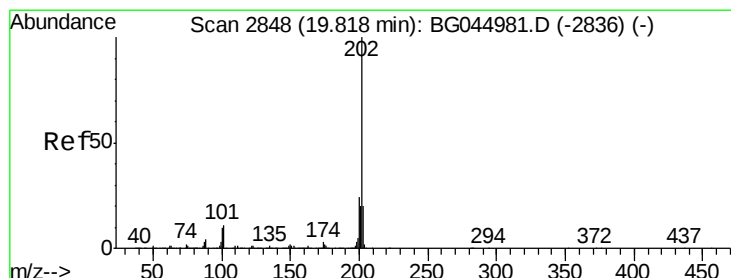
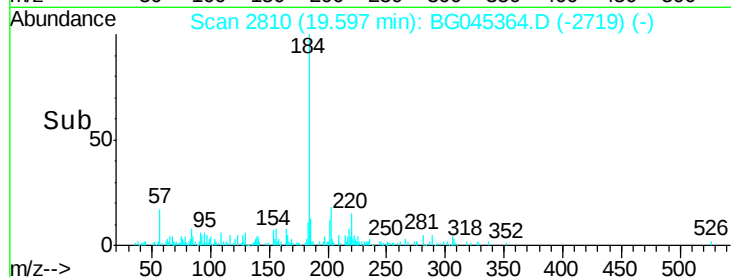
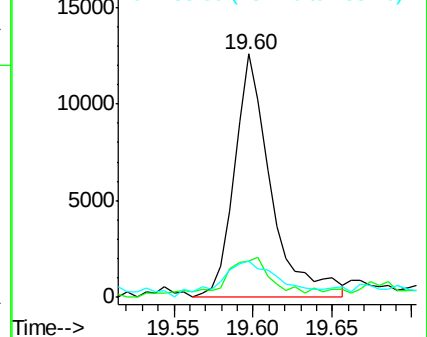
183 15.1 11.3 16.9



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: 31.933 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

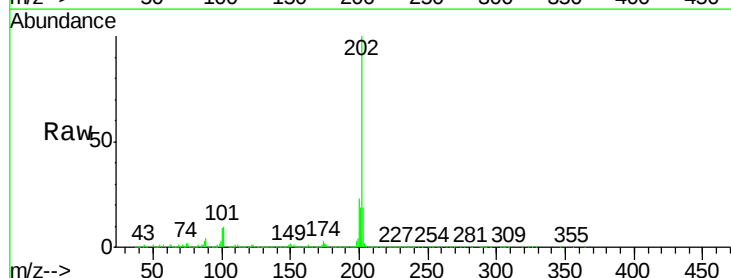
Tgt Ion:202 Resp: 842441

Ion Ratio Lower Upper

202 100

200 22.9 19.0 28.6

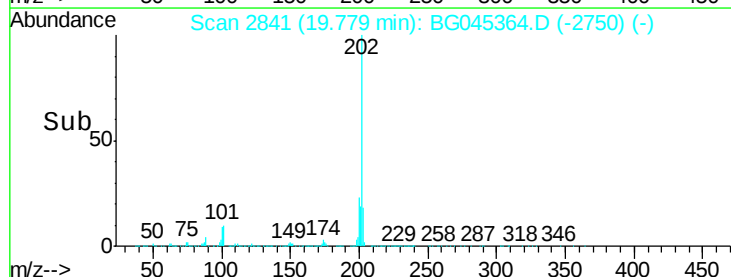
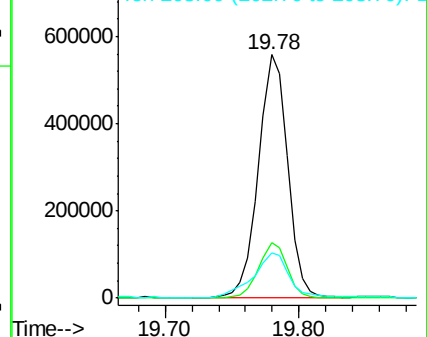
203 18.6 16.1 24.1

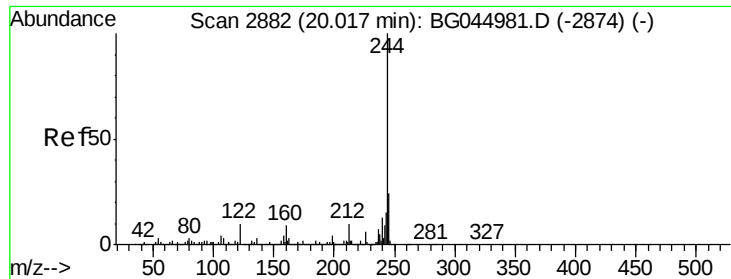


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 10.335 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

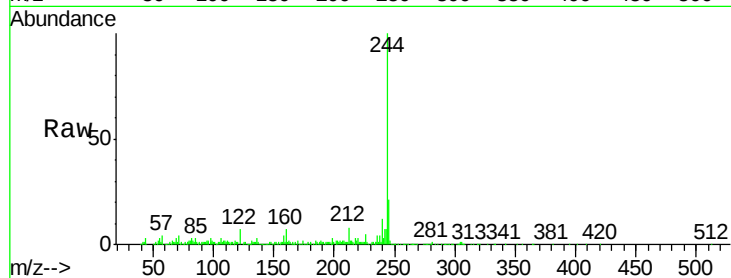
Tot Ion:244 Resp: 181460

Ion Ratio Lower Upper

244 100

212 8.0 7.9 11.9

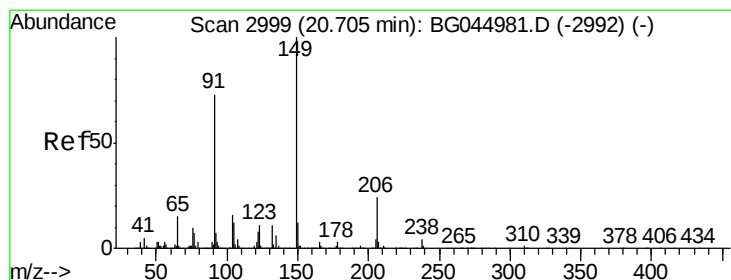
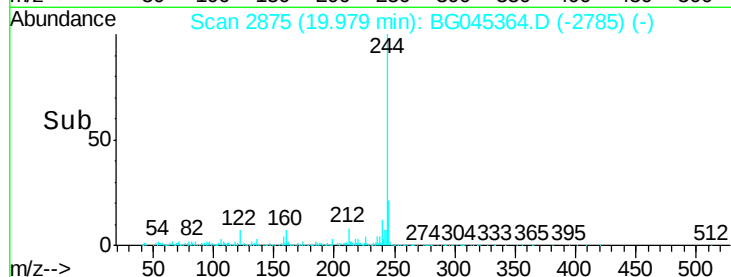
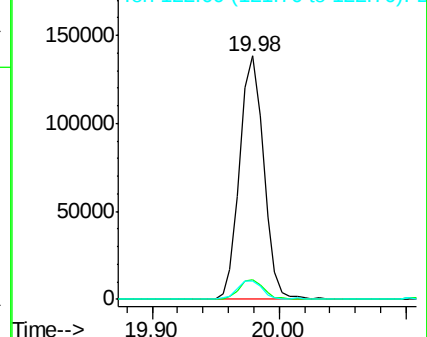
122 7.4 7.7 11.5#



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: 3.472 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

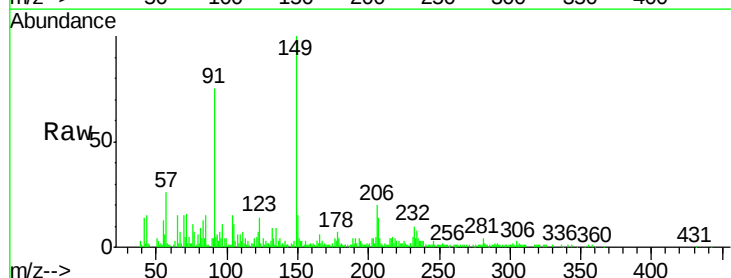
Tgt Ion:149 Resp: 37963

Ion Ratio Lower Upper

149 100

91 74.8 58.5 87.7

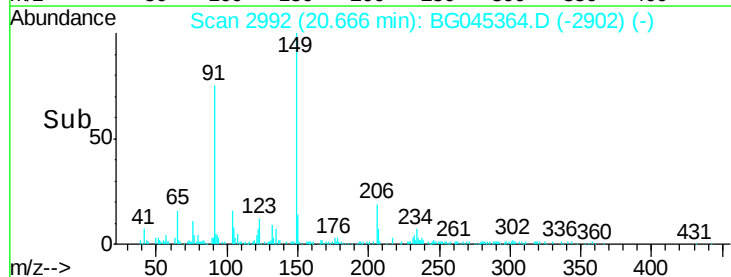
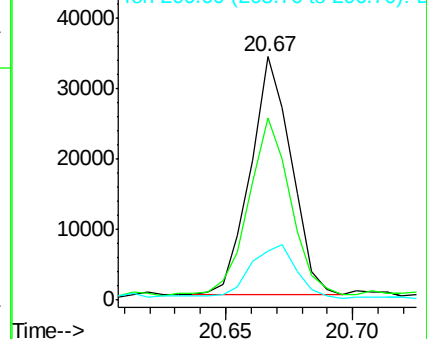
206 20.4 19.2 28.8

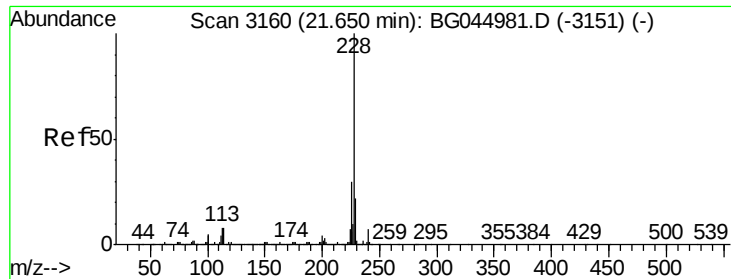


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 18.458 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

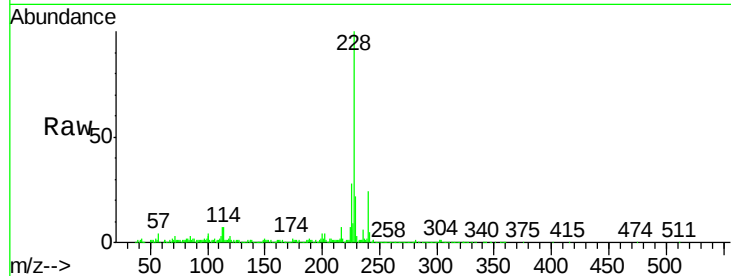
Tot Ion:228 Resp: 457805

Ion Ratio Lower Upper

228 100

226 28.4 24.0 36.0

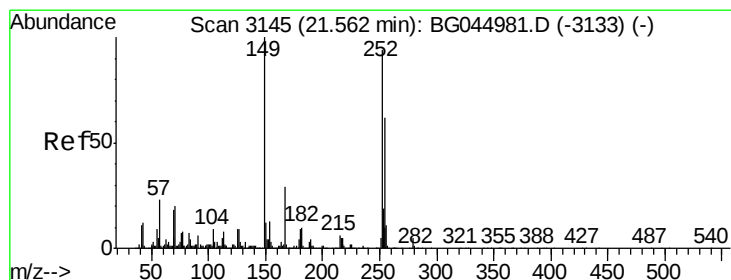
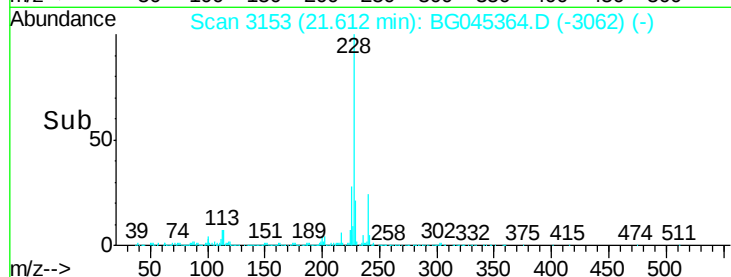
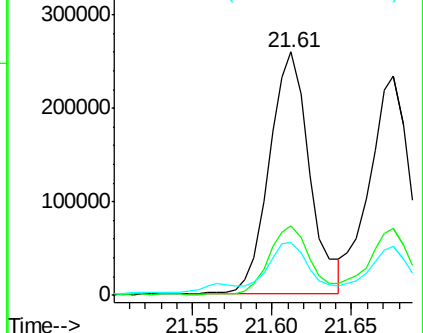
229 21.8 17.5 26.3



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: 3.172 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

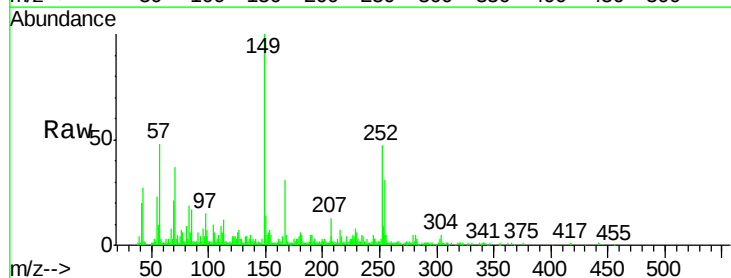
Tgt Ion:252 Resp: 31316

Ion Ratio Lower Upper

252 100

254 65.9 52.6 79.0

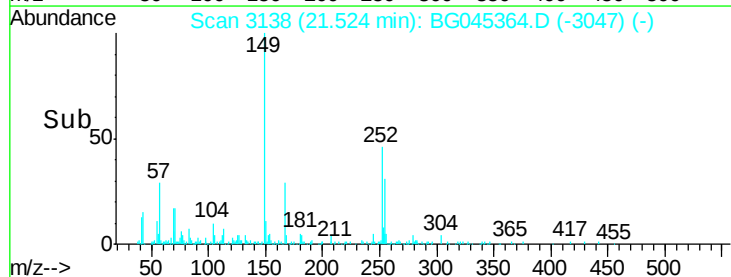
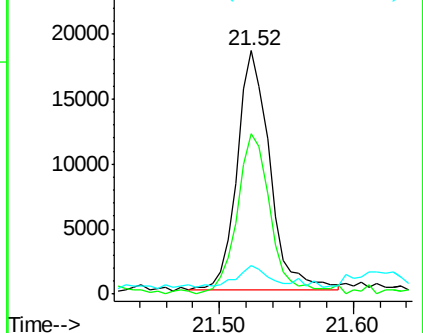
126 11.8 7.5 11.3#

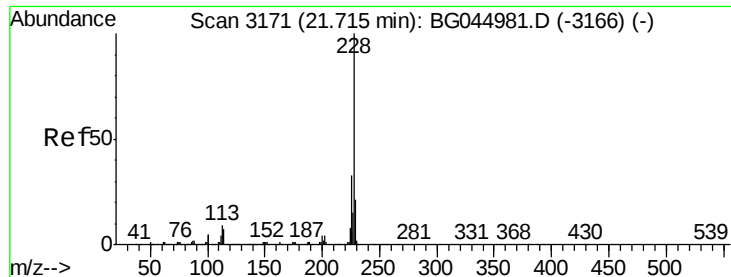


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 17.018 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

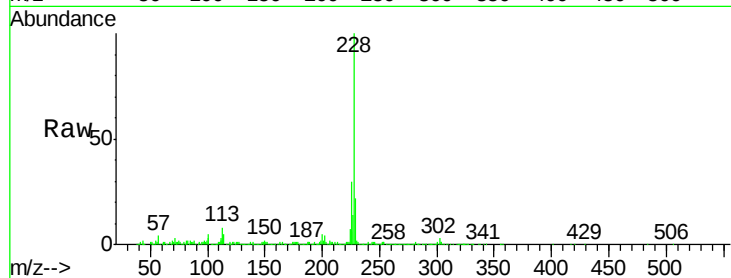
Tot Ion:228 Resp: 405554

Ion Ratio Lower Upper

228 100

226 30.4 26.2 39.4

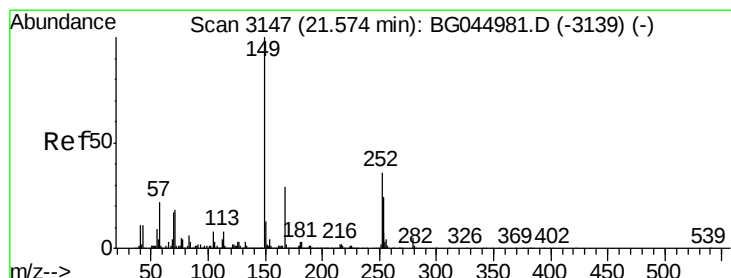
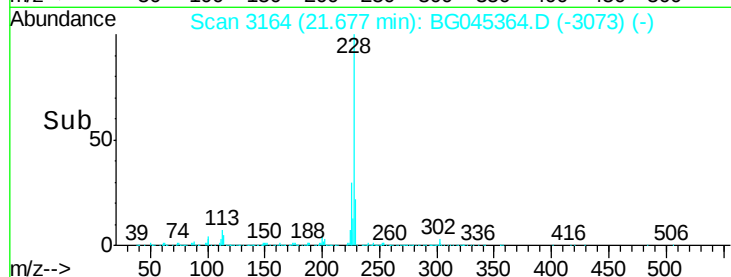
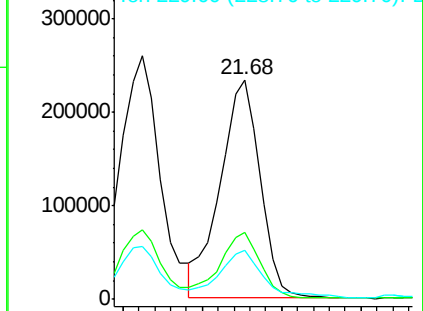
229 22.4 17.0 25.6



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: 3.684 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

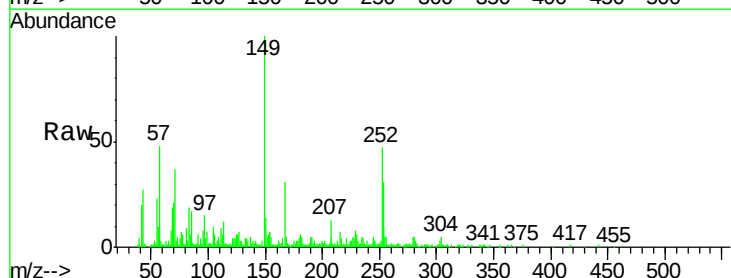
Tgt Ion:149 Resp: 55403

Ion Ratio Lower Upper

149 100

167 30.7 23.4 35.0

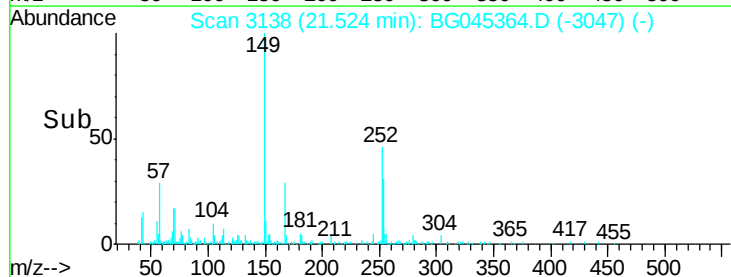
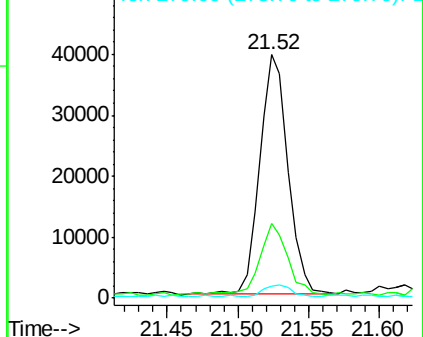
279 4.8 4.3 6.5

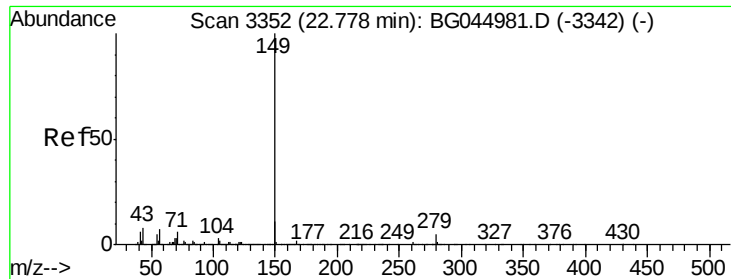


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 3.648 ng

RT: 22.72 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

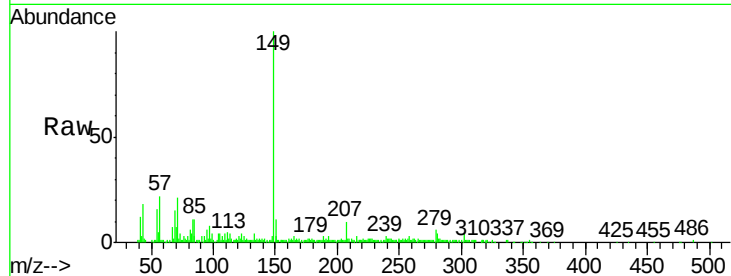
Tot Ion:149 Resp: 94880

Ion Ratio Lower Upper

149 100

167 2.6 1.4 2.2#

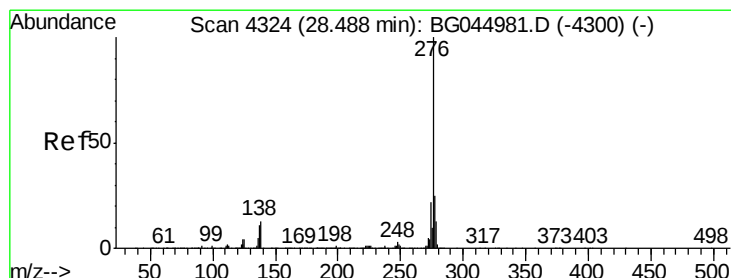
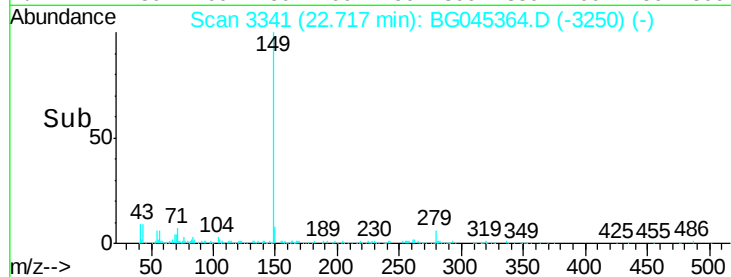
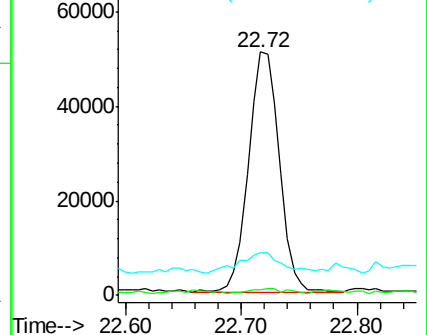
43 11.9 5.7 8.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.832 ng

RT: 28.39 min Scan# 4306

Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

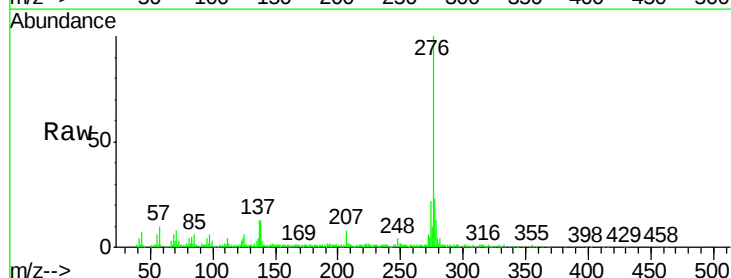
Tgt Ion:276 Resp: 311074

Ion Ratio Lower Upper

276 100

138 13.5 9.6 14.4

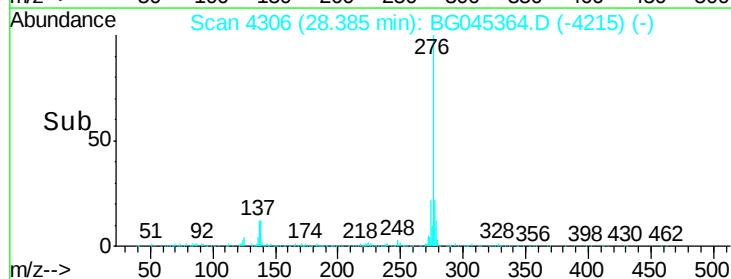
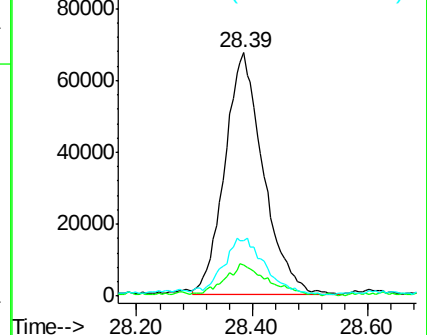
277 24.0 20.6 31.0

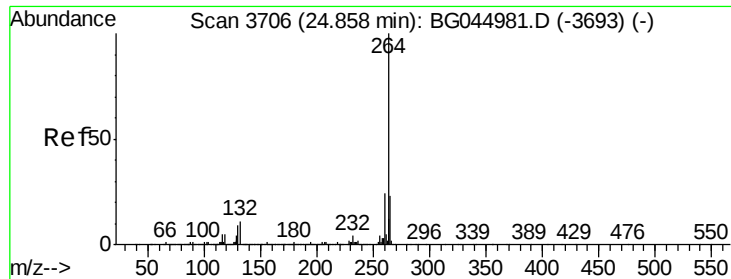


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3695

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

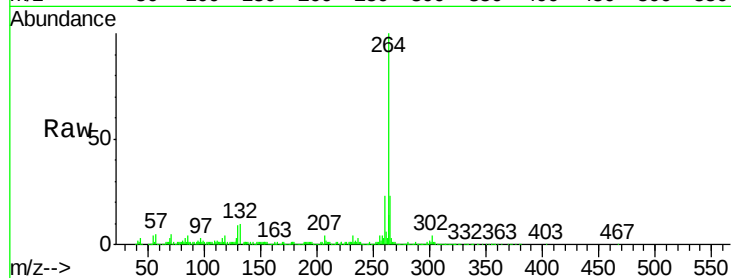
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 415884

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.7	19.0	28.4

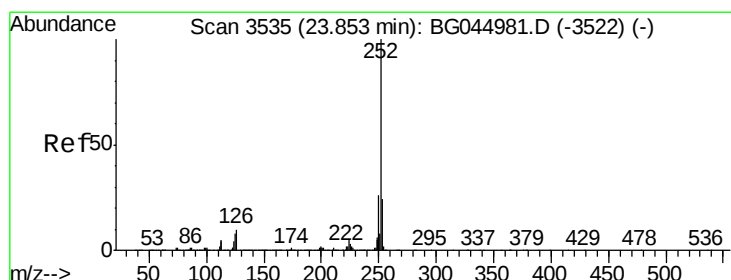
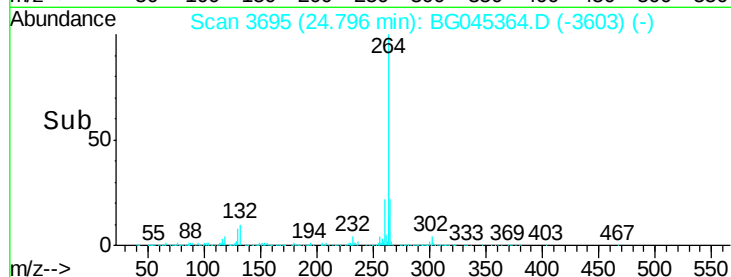
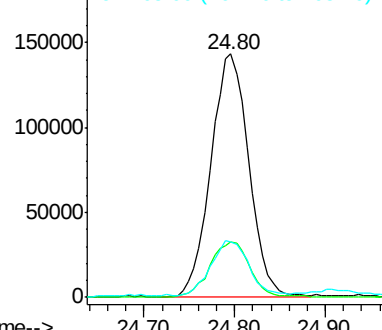


Abundance

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: 18.264 ng

RT: 23.79 min Scan# 3524

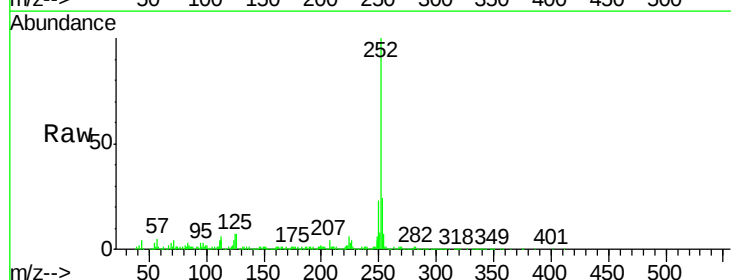
Delta R.T. 0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Tgt Ion:252 Resp: 475784

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.8	28.2
125	7.2	6.2	9.4

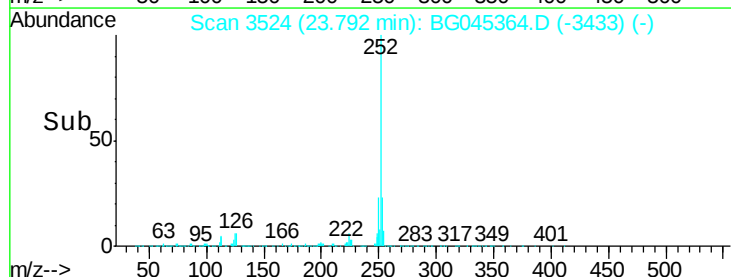
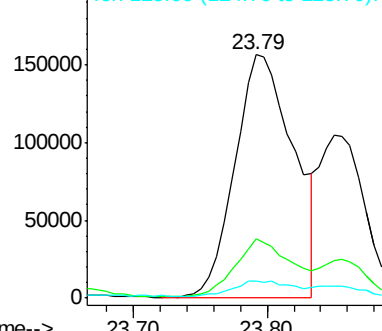


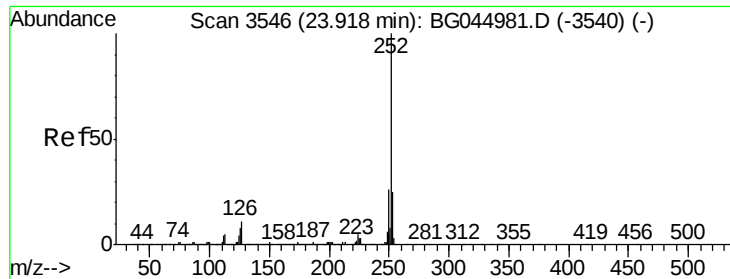
Abundance

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: 8.469 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

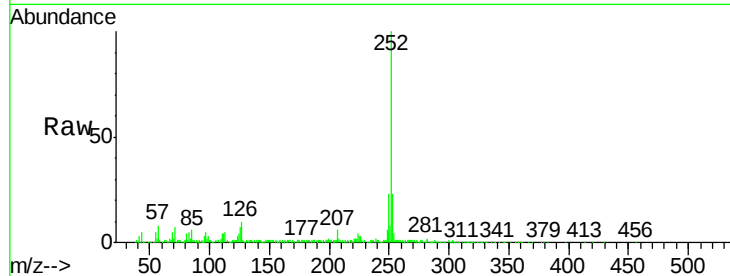
Tot Ion:252 Resp: 209818

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

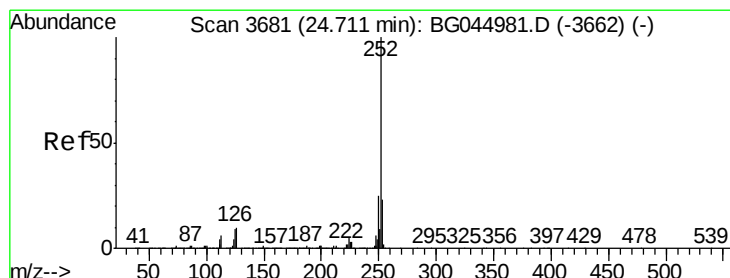
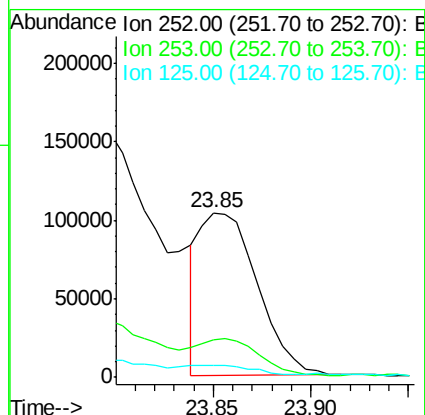
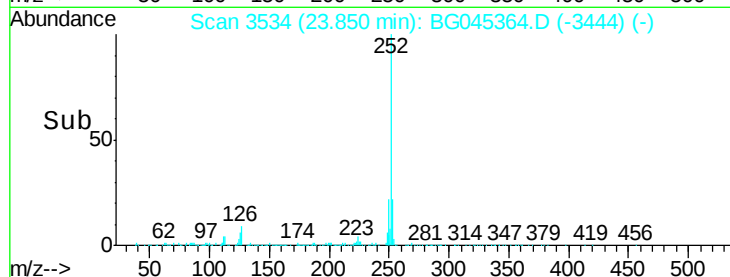
125 7.5 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 15.550 ng

RT: 24.65 min Scan# 3670

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

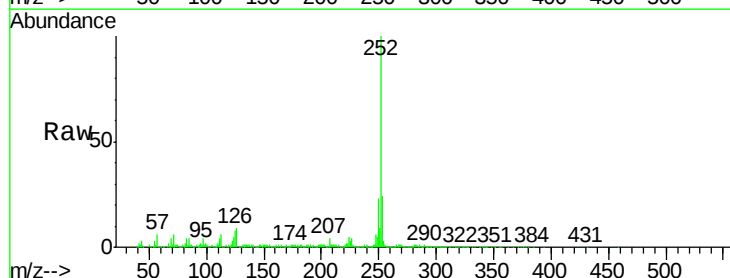
Tgt Ion:252 Resp: 382480

Ion Ratio Lower Upper

252 100

253 23.5 18.3 27.5

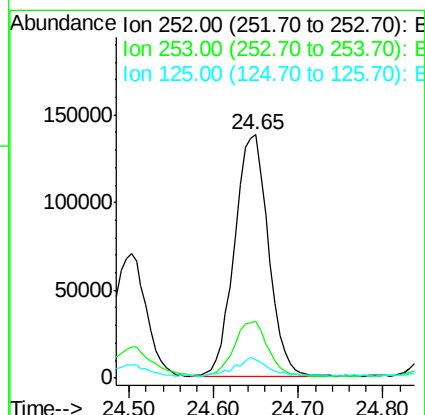
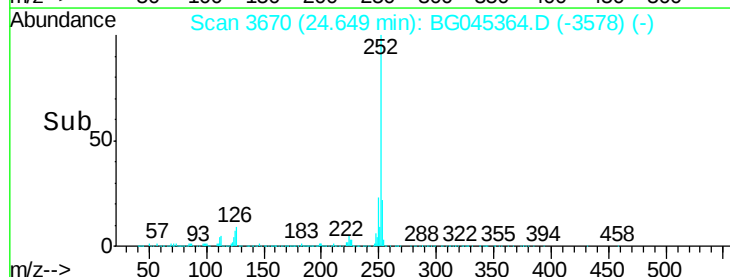
125 7.5 7.0 10.6

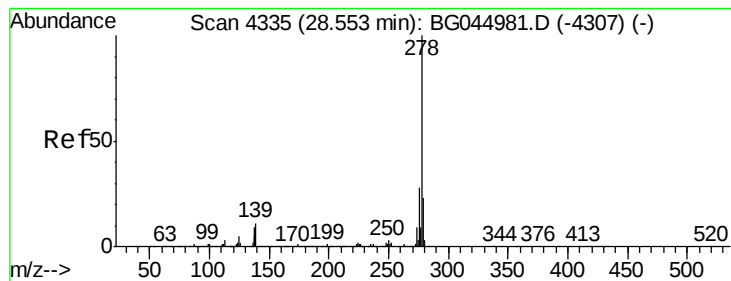


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 5.829 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.00 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

Instrument :

BNA_G

ClientSampleId :

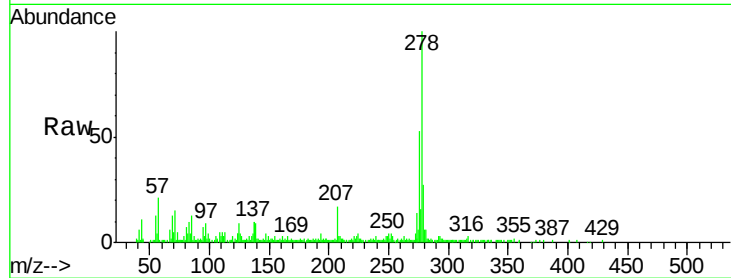
Tot Ion:278 Resp: 144459

Ion Ratio Lower Upper

278 100

139 8.7 9.0 13.6#

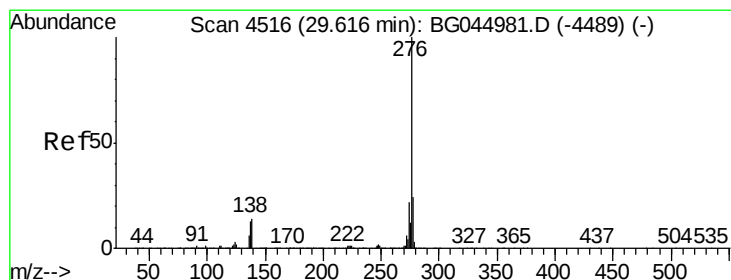
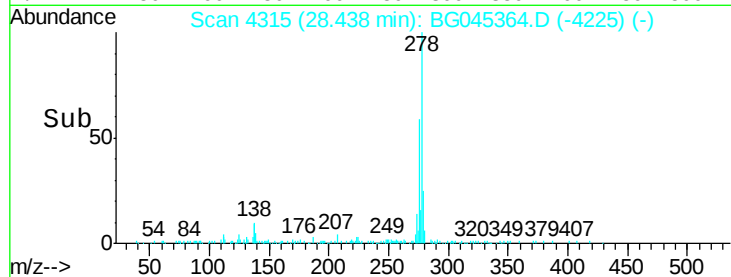
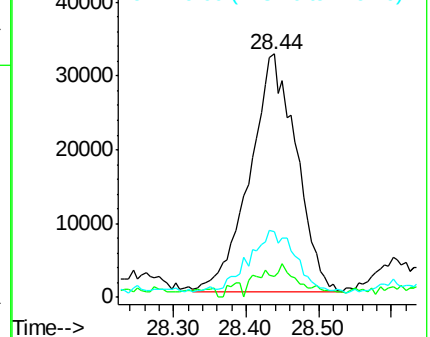
279 26.9 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 11.364 ng

RT: 29.51 min Scan# 4498

Delta R.T. 0.01 min

Lab File: BG045364.D

Acq: 13 May 2020 16:25

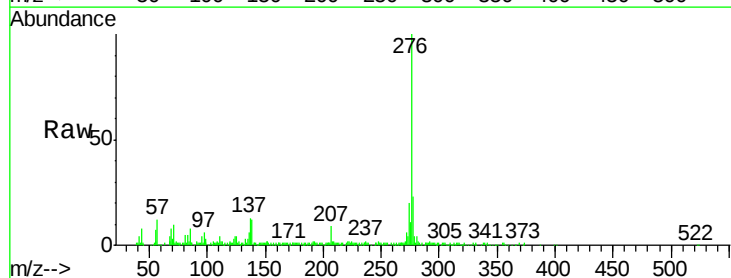
Tgt Ion:276 Resp: 282362

Ion Ratio Lower Upper

276 100

277 23.2 19.3 28.9

138 12.0 11.4 17.2



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

