

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
 Data File : BG045418.D
 Acq On : 18 May 2020 18:28
 Operator : CG/JU
 Sample : L2503-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 19 00:32:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	70136	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	298247	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	225880	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	554072	20.00	ng	0.00
76) Chrysene-d12	21.62	240	497139	20.00	ng	0.00
87) Perylene-d12	24.78	264	540990	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	464140	129.33	ng	0.00
7) Phenol-d6	7.21	99	635601	124.43	ng	0.00
23) Nitrobenzene-d5	9.13	82	500134	91.44	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	411407	142.42	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1208995	90.79	ng	0.00
79) Terphenyl-d14	19.97	244	2090477	98.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	63038	35.422	ng	# 40
3) Pyridine	3.83	79	108382	21.867	ng	91
4) n-Nitrosodimethylamine	3.73	42	69005	42.546	ng	# 88
6) Aniline	7.30	93	228648	34.290	ng	96
8) 2-Chlorophenol	7.56	128	194469	49.413	ng	98
9) Benzaldehyde	7.10	77	116545	35.020	ng	98
10) Phenol	7.24	94	228564	43.417	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	191842	46.719	ng	98
12) 1,3-Dichlorobenzene	7.86	146	205109	43.368	ng	98
13) 1,4-Dichlorobenzene	8.00	146	204169	43.744	ng	96
14) 1,2-Dichlorobenzene	8.32	146	198104	44.131	ng	95
15) Benzyl Alcohol	8.23	79	213843	50.678	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	181928	46.675	ng	97
17) 2-Methylphenol	8.47	107	183679	46.614	ng	98
18) Hexachloroethane	9.05	117	77545	43.380	ng	93
19) n-Nitroso-di-n-propylamine	8.77	70	184073	52.113	ng	98
20) 3+4-Methylphenols	8.47	107	183679	34.231	ng	76
22) Acetophenone	8.79	105	323117	45.710	ng	96
24) Nitrobenzene	9.17	77	254817	43.486	ng	98
25) Isophorone	9.70	82	511937	47.529	ng	99
26) 2-Nitrophenol	9.89	139	116607	46.518	ng	90
27) 2,4-Dimethylphenol	9.98	122	201991	54.330	ng	94
28) bis(2-Chloroethoxy)methane	10.18	93	272155	48.180	ng	96
29) 2,4-Dichlorophenol	10.46	162	219442	49.983	ng	95
30) 1,2,4-Trichlorobenzene	10.64	180	228589	44.063	ng	99
31) Naphthalene	10.82	128	646217	46.497	ng	99
32) Benzoic acid	10.18	122	122625	48.392	ng	99
33) 4-Chloroaniline	10.95	127	96143	16.549	ng	95
34) Hexachlorobutadiene	11.12	225	150194	40.957	ng	99
35) Caprolactam	11.72	113	33928	21.054	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	262961	53.154	ng	97
37) 2-Methylnaphthalene	12.43	142	499929	48.261	ng	96
38) 1-Methylnaphthalene	12.43	142	499929	51.090	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	276986	43.902	ng	99

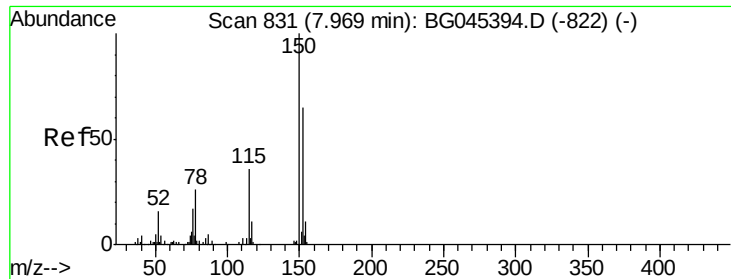
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	315303	86.585	ng	100
43) 2,4,6-Trichlorophenol	13.06	196	202483	46.200	ng	98
44) 2,4,5-Trichlorophenol	13.16	196	216531	43.234	ng	98
46) 1,1'-Biphenyl	13.44	154	671375	48.372	ng	98
47) 2-Chloronaphthalene	13.49	162	499343	44.305	ng	99
48) 2-Nitroaniline	13.70	65	175688	47.389	ng	86
49) Acenaphthylene	14.34	152	856968	47.338	ng	99
50) Dimethylphthalate	14.07	163	809617	52.250	ng	99
51) 2,6-Dinitrotoluene	14.18	165	163568	46.781	ng	98
52) Acenaphthene	14.68	154	513794	42.399	ng	98
53) 3-Nitroaniline	14.53	138	101302	28.501	ng	93
54) 2,4-Dinitrophenol	14.73	184	197176	85.671	ng	97
55) Dibenzofuran	15.01	168	840195	46.689	ng	97
56) 4-Nitrophenol	14.91	139	216146	80.322	ng	95
57) 2,4-Dinitrotoluene	14.98	165	236899	46.782	ng	97
58) Fluorene	15.66	166	703235	47.567	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	208966	47.425	ng	97
60) Diethylphthalate	15.44	149	753753	46.736	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	386821	45.723	ng	98
62) 4-Nitroaniline	15.70	138	173233	46.686	ng	93
63) Azobenzene	15.95	77	709850	47.202	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	146182	45.301	ng	96
66) n-Nitrosodiphenylamine	15.87	169	635654	47.782	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	267977	44.665	ng	99
68) Hexachlorobenzene	16.67	284	287134	45.757	ng	95
69) Atrazine	16.82	200	242993	44.346	ng	99
70) Pentachlorophenol	17.03	266	273430	83.917	ng	97
71) Phenanthrene	17.40	178	1142106	47.217	ng	99
72) Anthracene	17.49	178	1172627	48.275	ng	97
73) Carbazole	17.77	167	1089340	46.007	ng	100
74) Di-n-butylphthalate	18.33	149	1288366	45.335	ng	99
75) Fluoranthene	19.41	202	1397954	45.438	ng	98
77) Benzidine	19.59	184	285763	20.467	ng	98
78) Pyrene	19.77	202	1392843	49.149	ng	98
80) Butylbenzylphthalate	20.66	149	570051	46.603	ng	99
81) Benzo(a)anthracene	21.60	228	1303384	47.064	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	302889	27.882	ng	100
83) Chrysene	21.67	228	1228006	46.116	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	782100	46.513	ng	98
85) Di-n-octyl phthalate	22.71	149	1325466	45.897	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1614748	46.372	ng	# 95
88) Benzo(b)fluoranthene	23.78	252	1375957	47.424	ng	98
89) Benzo(k)fluoranthene	23.85	252	1332111	48.870	ng	98
90) Benzo(a)pyrene	24.63	252	1259378	46.607	ng	97
91) Dibenzo(a,h)anthracene	28.43	278	1314345	48.404	ng	99
92) Benzo(g,h,i)perylene	29.48	276	1337917	49.265	ng	97

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

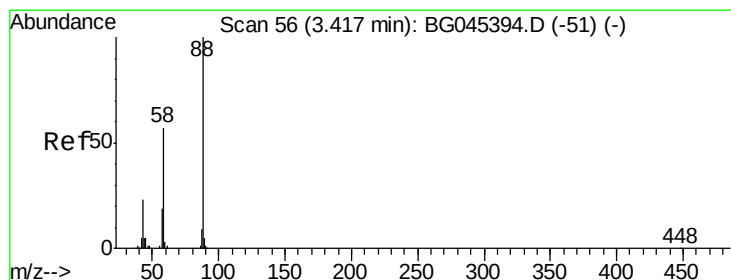
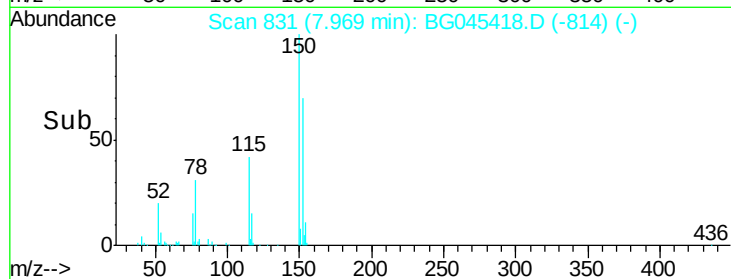
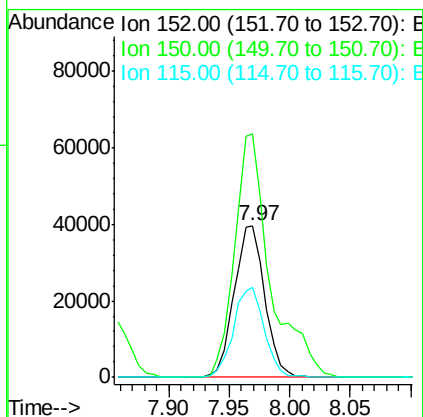
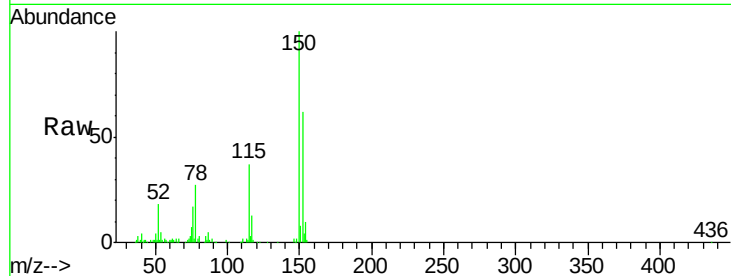


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :

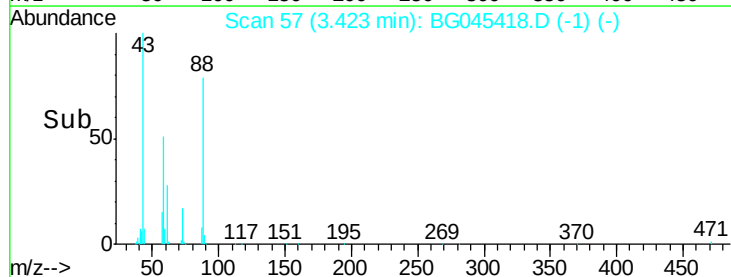
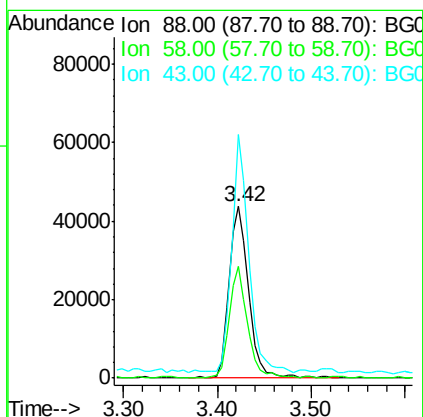
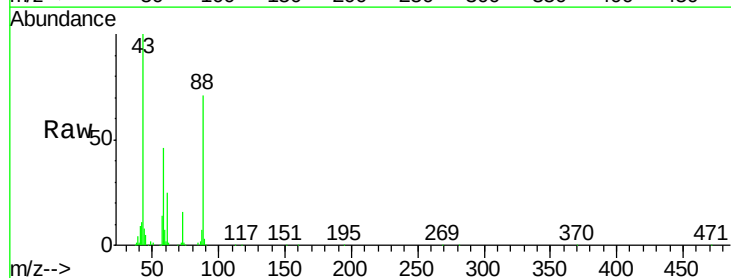
Tot Ion:152 Resp: 70136
Ion Ratio Lower Upper
152 100
150 160.7 122.4 183.6
115 59.6 44.2 66.4

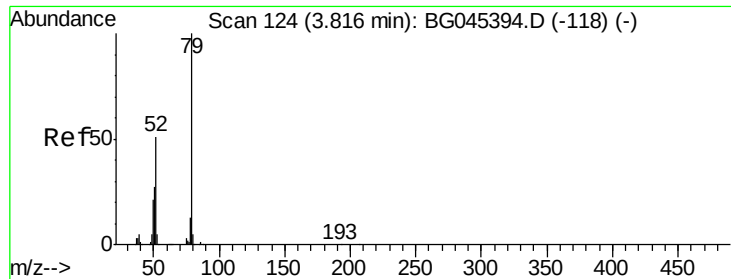


#2

1,4-Dioxane
Concen: 35.422 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion: 88 Resp: 63038
Ion Ratio Lower Upper
88 100
58 60.7 45.7 68.5
43 119.0 16.8 25.2#





#3

Pvridine

Concen: 21.867 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.02 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

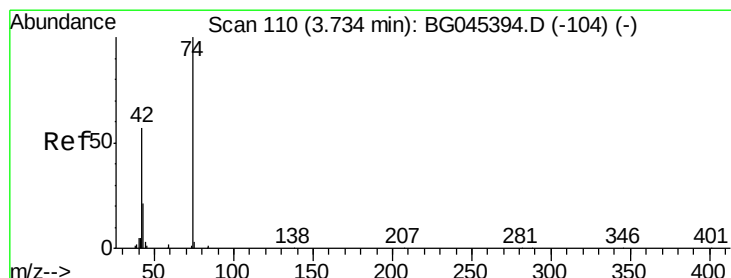
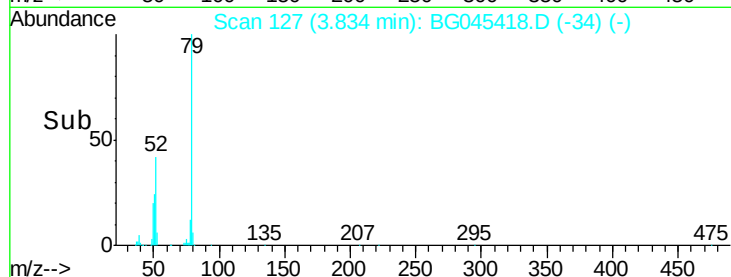
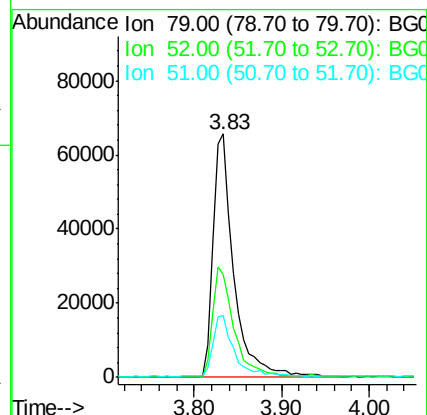
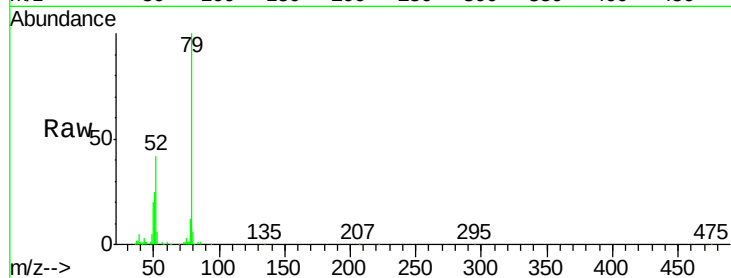
Tot Ion: 79 Resp: 108382

Ion Ratio Lower Upper

79 100

52 42.5 40.8 61.2

51 25.3 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 42.546 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

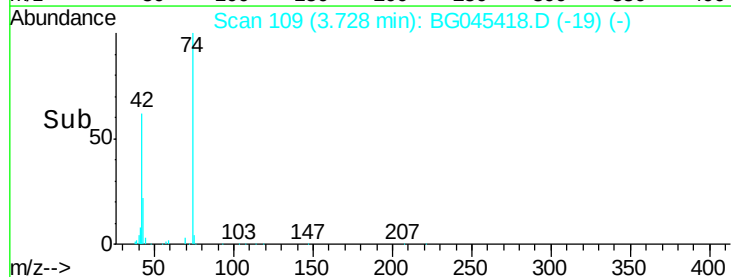
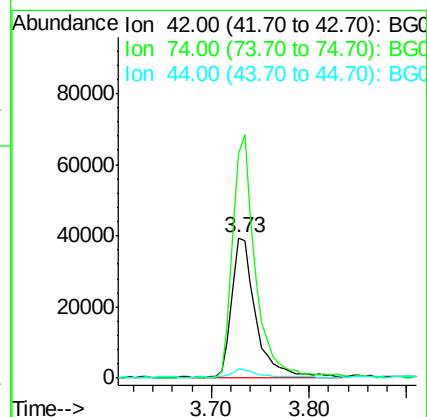
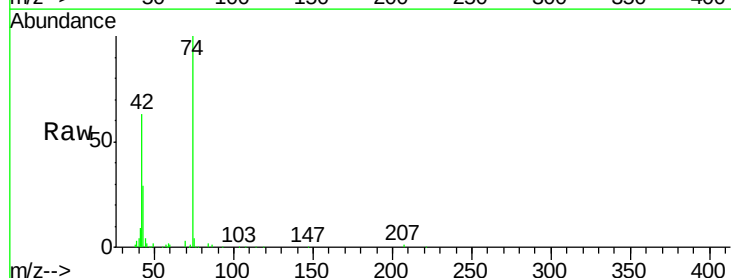
Tgt Ion: 42 Resp: 69005

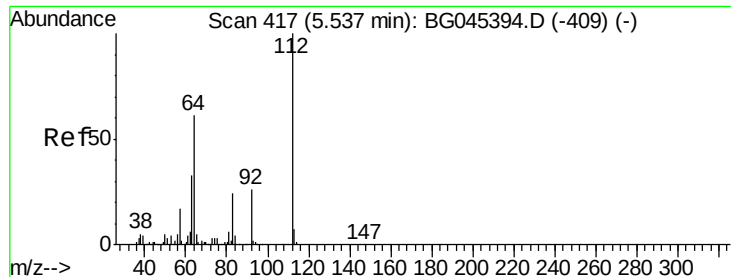
Ion Ratio Lower Upper

42 100

74 159.5 141.3 211.9

44 6.5 4.2 6.4#





#5

2-Fluorophenol

Concen: 129.330 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

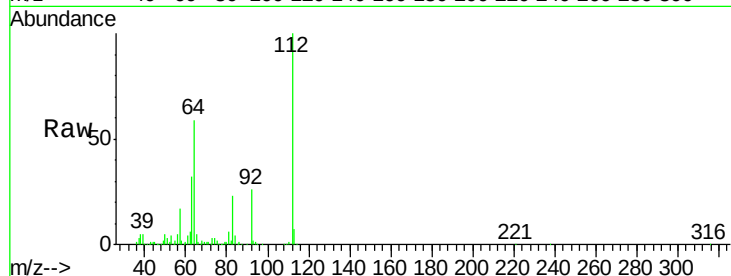
Tot Ion:112 Resp: 464140

Ion Ratio Lower Upper

112 100

64 58.5 48.6 72.8

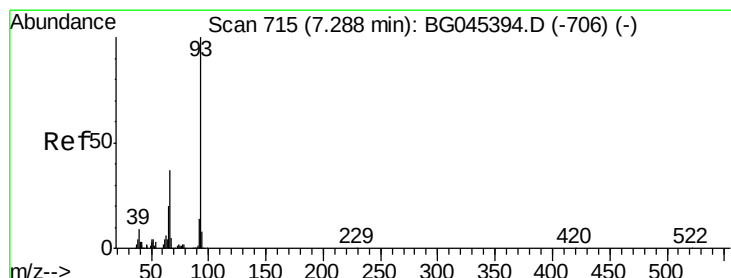
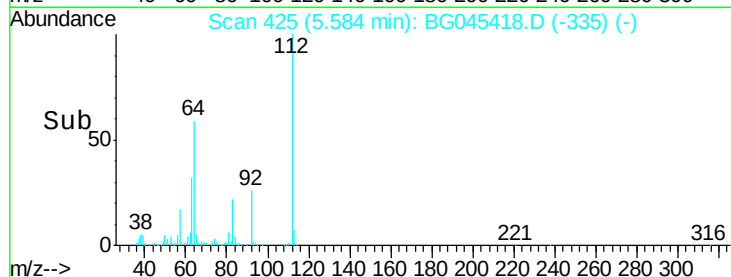
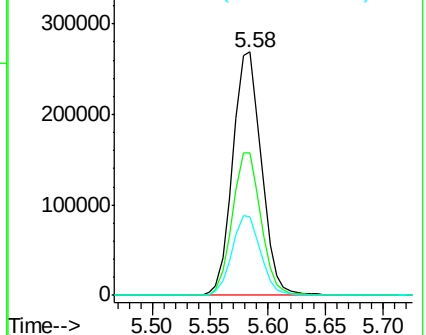
63 32.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.290 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

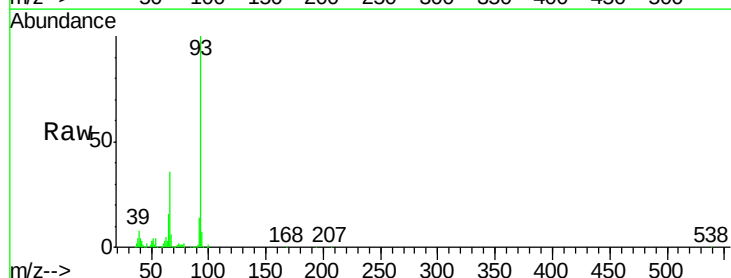
Tgt Ion: 93 Resp: 228648

Ion Ratio Lower Upper

93 100

66 35.9 29.6 44.4

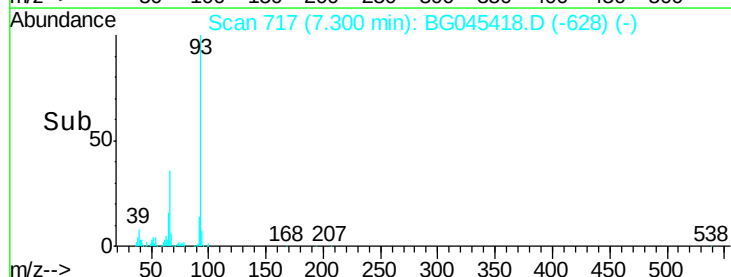
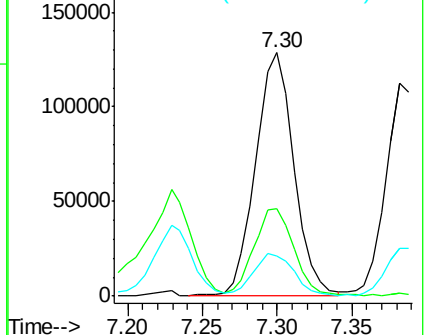
65 16.5 15.9 23.9

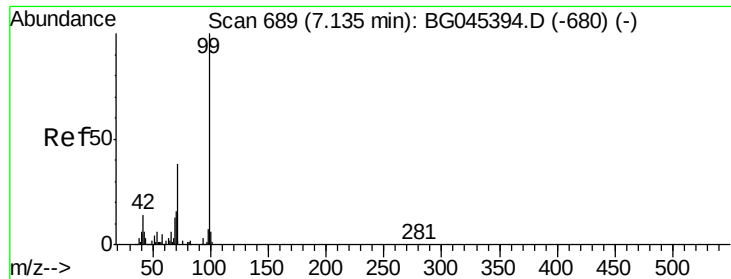


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.434 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

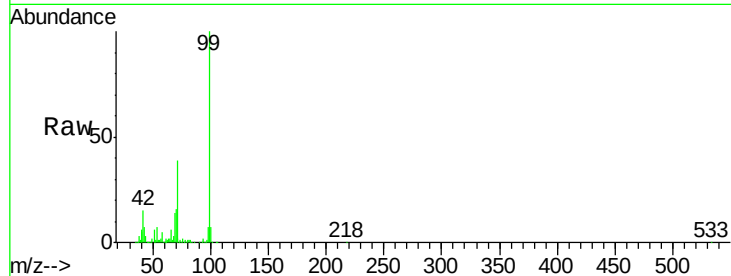
Tot Ion: 99 Resp: 635601

Ion Ratio Lower Upper

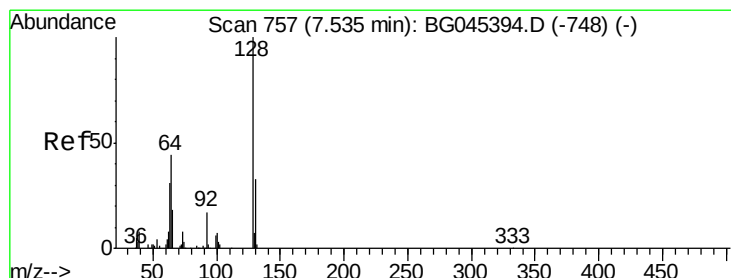
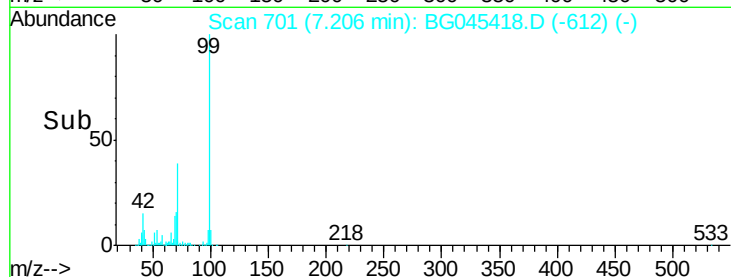
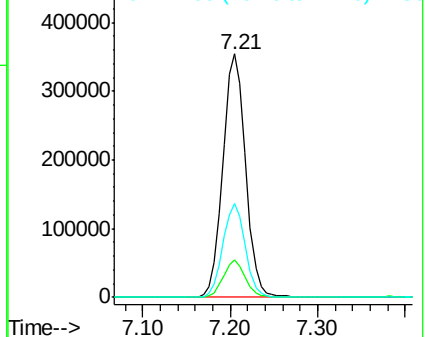
99 100

42 15.4 11.3 16.9

71 38.6 30.8 46.2



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: 49.413 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

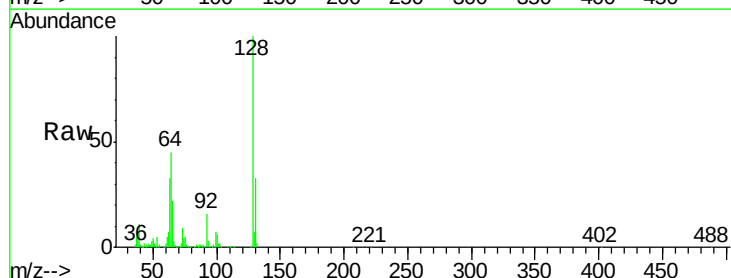
Tgt Ion: 128 Resp: 194469

Ion Ratio Lower Upper

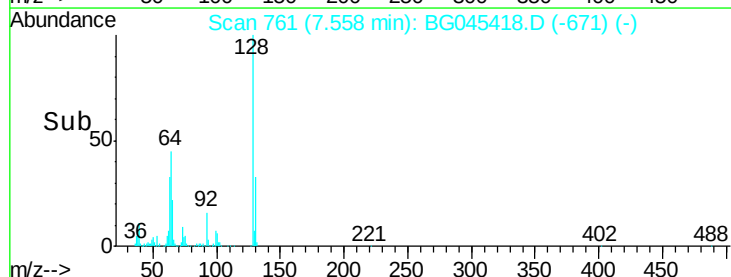
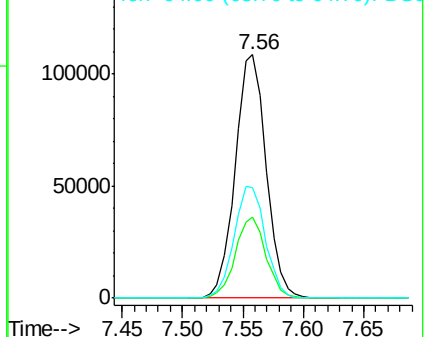
128 100

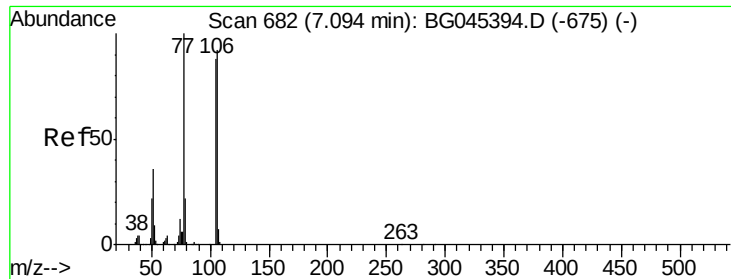
130 33.2 12.6 52.6

64 45.5 27.0 67.0



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





#9

Benzaldehyde

Concen: 35.020 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampled :

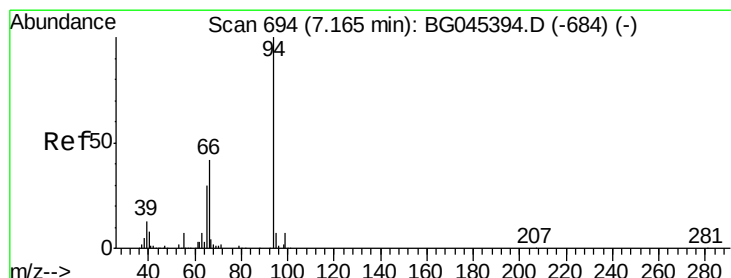
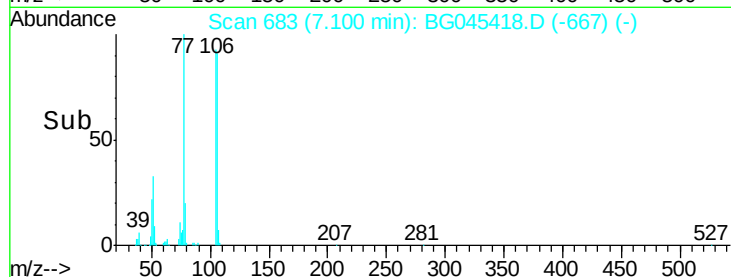
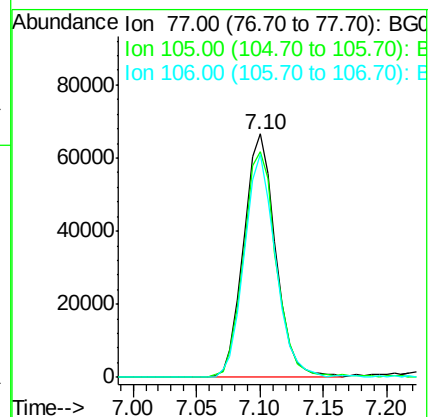
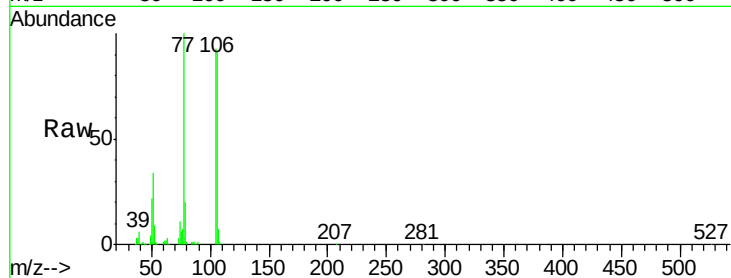
Tot Ion: 77 Resp: 116545

Ion Ratio Lower Upper

77 100

105 92.8 68.5 108.5

106 91.5 71.6 111.6



#10

Phenol

Concen: 43.417 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

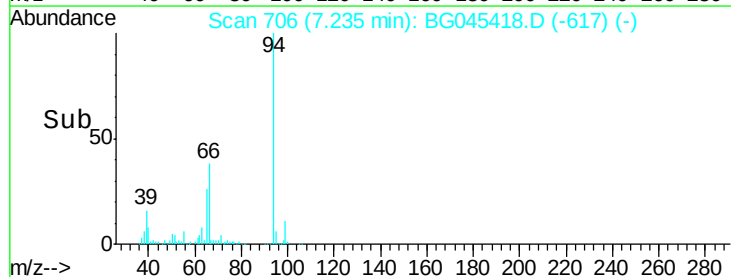
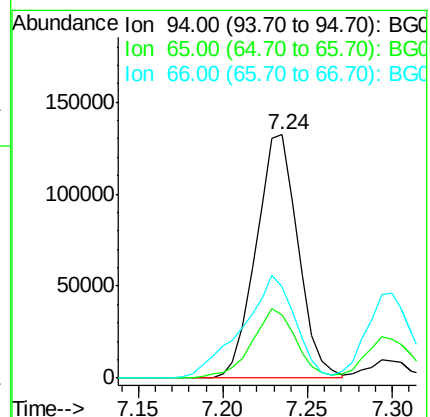
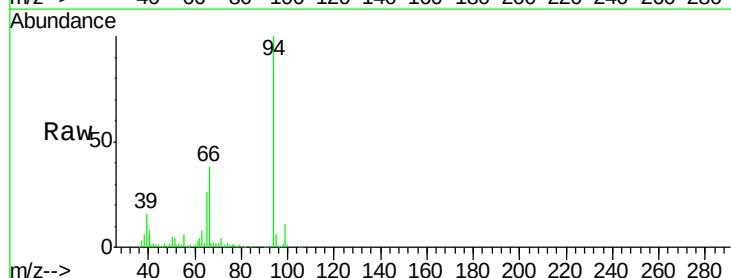
Tgt Ion: 94 Resp: 228564

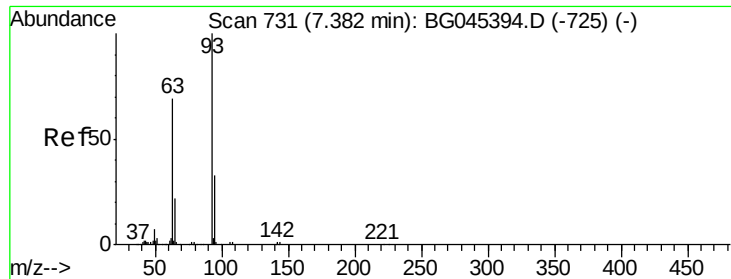
Ion Ratio Lower Upper

94 100

65 26.2 9.8 49.8

66 37.6 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 46.719 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

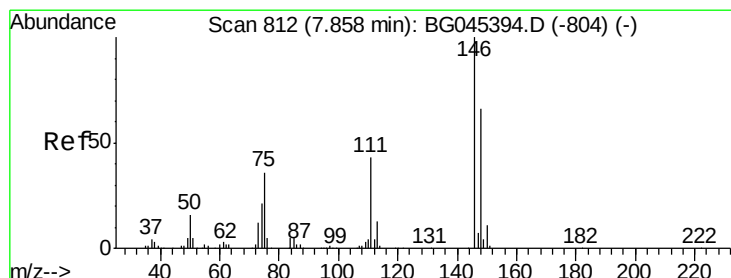
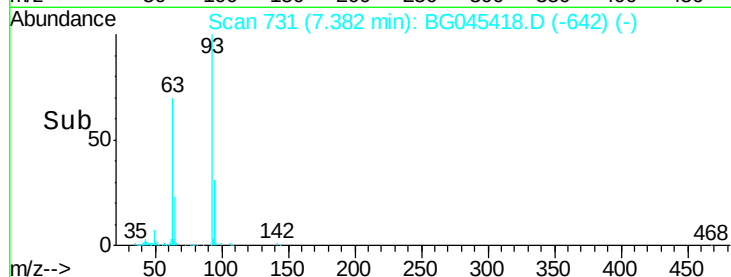
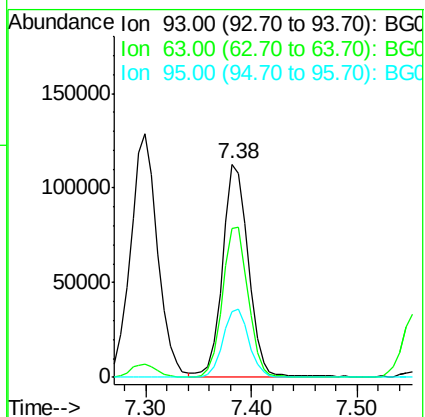
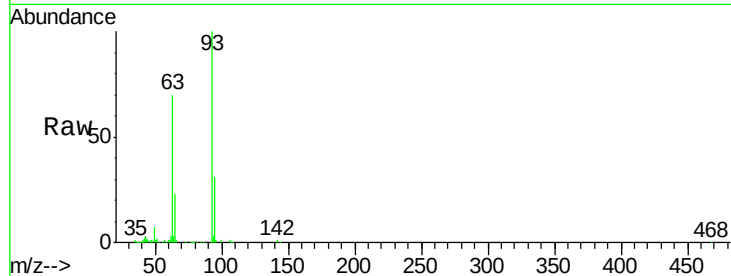
Tot Ion: 93 Resp: 191842

Ion Ratio Lower Upper

93 100

63 69.5 48.4 88.4

95 31.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.368 ng

RT: 7.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

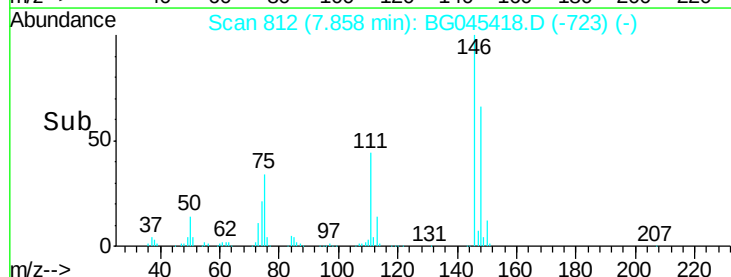
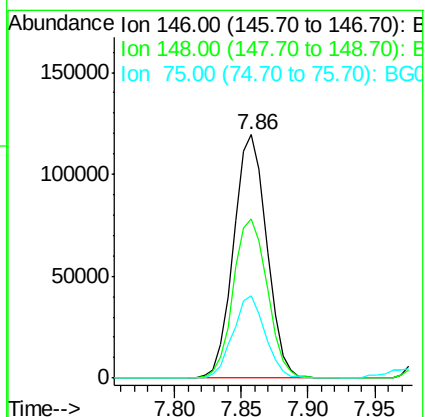
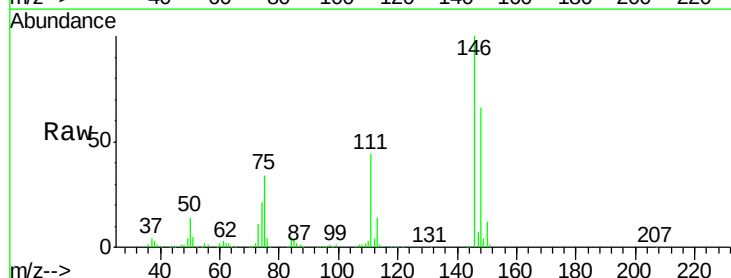
Tgt Ion: 146 Resp: 205109

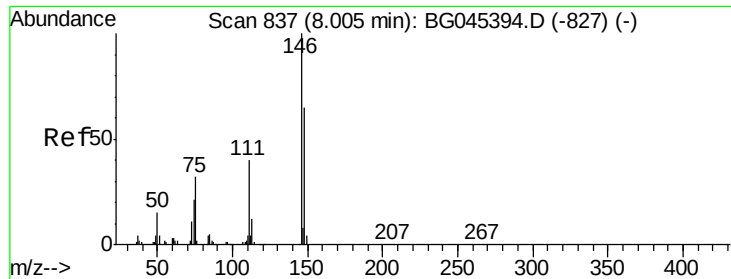
Ion Ratio Lower Upper

146 100

148 65.5 53.2 79.8

75 33.7 28.6 43.0

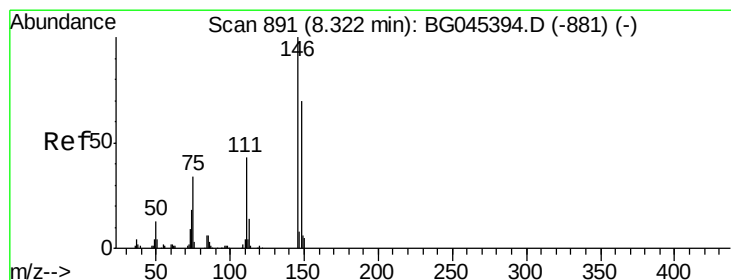
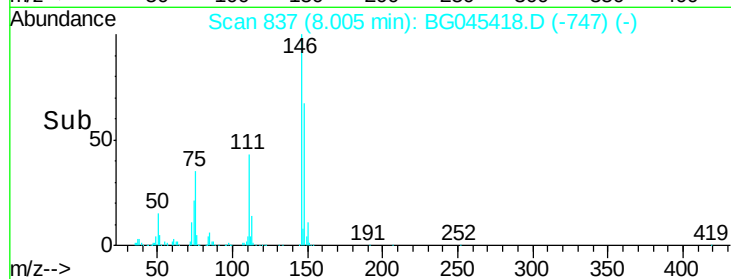
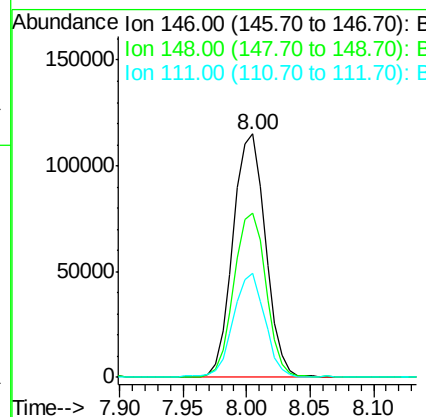
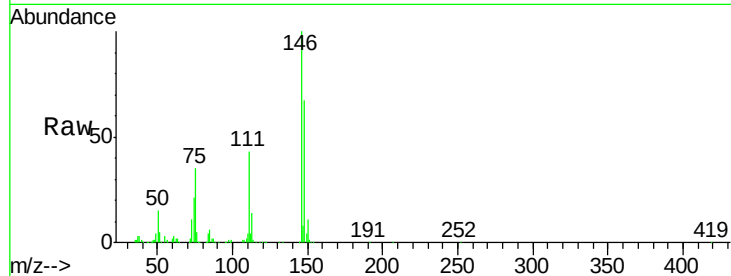




#13
 1,4-Dichlorobenzene
 Concen: 43.744 ng
 RT: 8.00 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

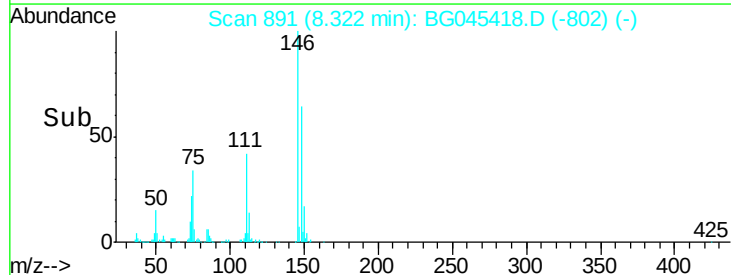
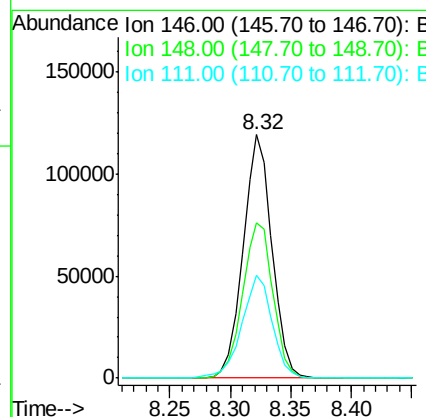
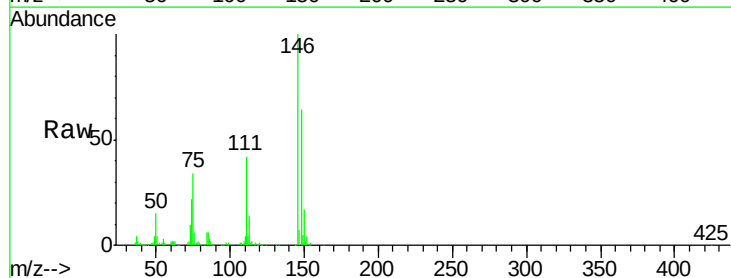
Instrument :
 BNA_G
 ClientSampleId :

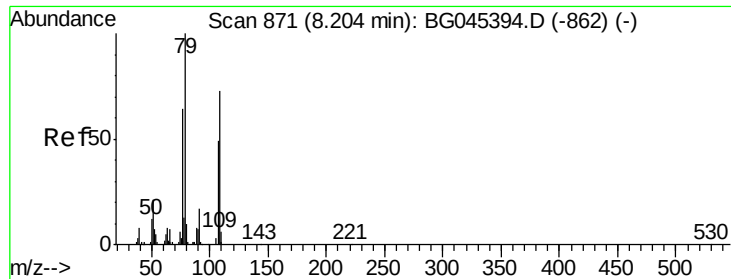
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.4	51.8	77.8
111	42.8	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 44.131 ng
 RT: 8.32 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	55.9	83.9
111	42.4	35.0	52.4

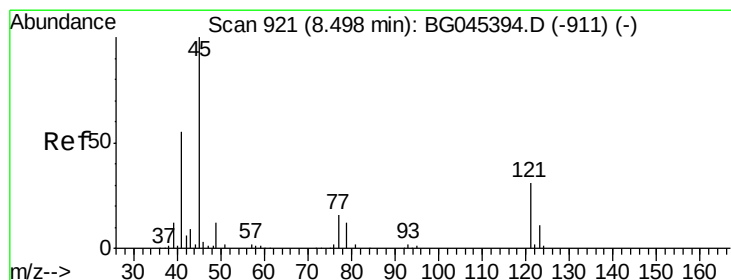
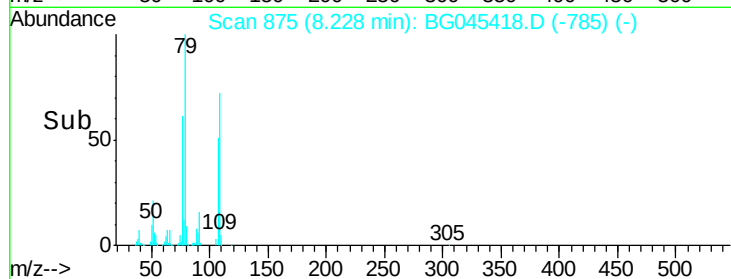
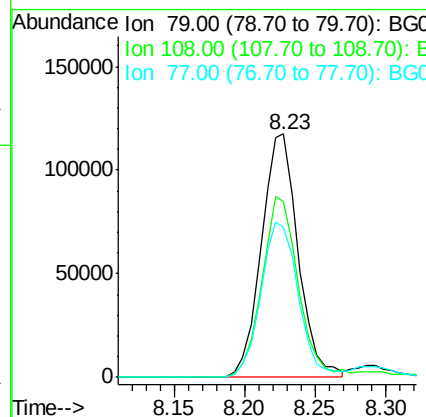
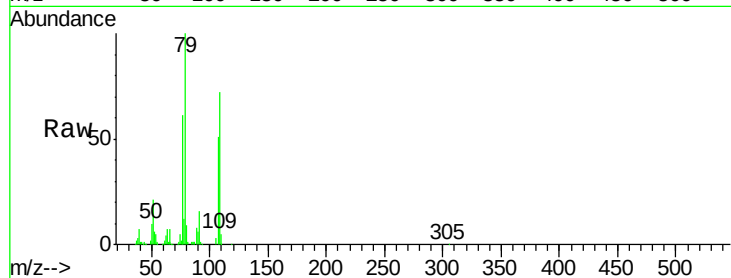




#15
Benzyl Alcohol
Concen: 50.678 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

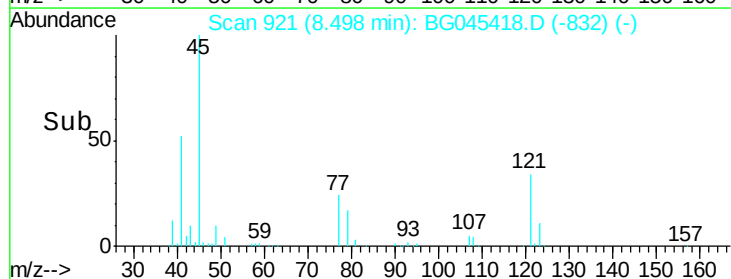
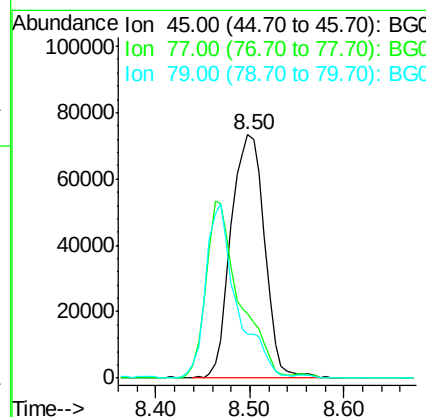
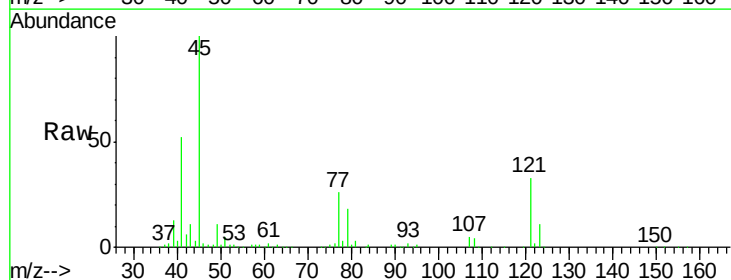
Instrument :
BNA_G
ClientSampleId :

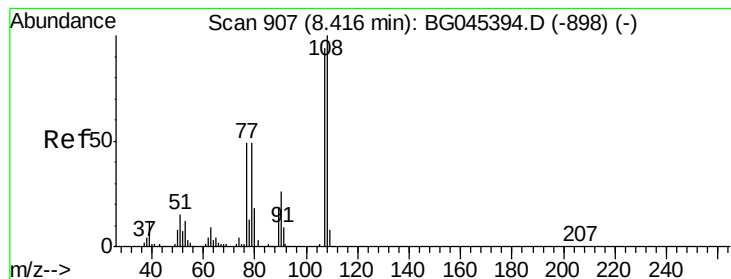
Tot Ion: 79 Resp: 213843
Ion Ratio Lower Upper
79 100
108 72.4 58.2 87.4
77 61.4 51.0 76.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.675 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion: 45 Resp: 181928
Ion Ratio Lower Upper
45 100
77 26.3 4.0 44.0
79 17.9 0.0 38.6





#17

2-Methylphenol

Concen: 46.614 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 183679

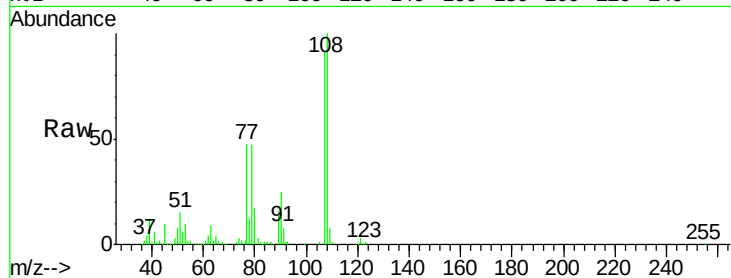
Ion Ratio Lower Upper

107 100

108 109.6 85.2 127.8

77 51.0 41.6 62.4

79 51.2 41.8 62.8

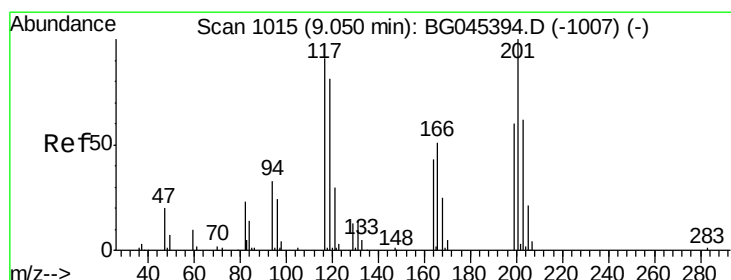
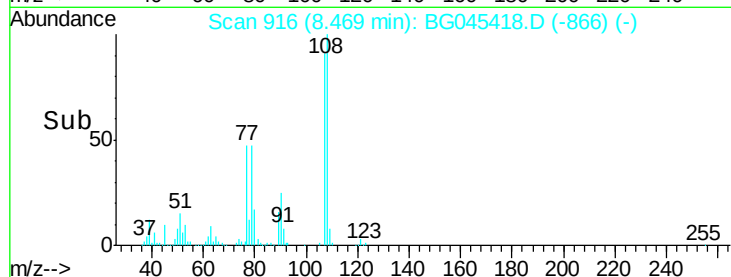
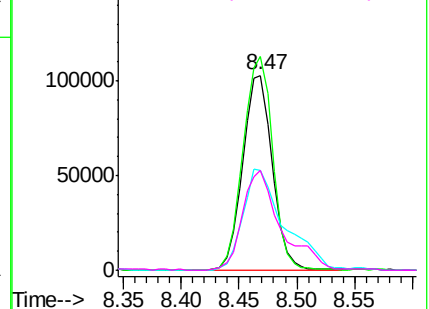


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 43.380 ng

RT: 9.05 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

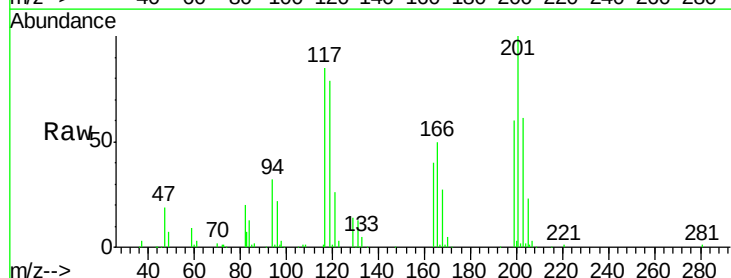
Tgt Ion:117 Resp: 77545

Ion Ratio Lower Upper

117 100

119 93.2 71.3 106.9

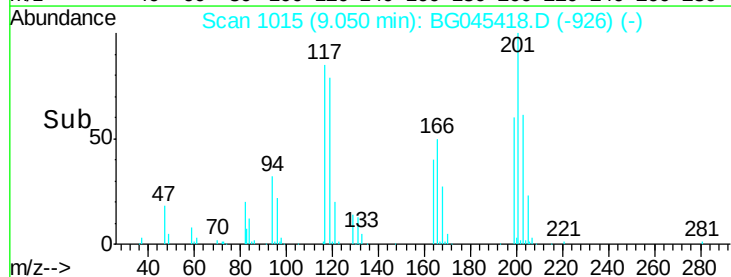
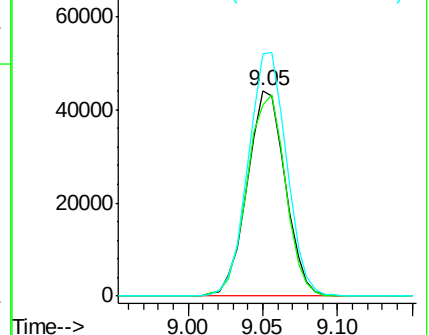
201 118.1 87.5 131.3

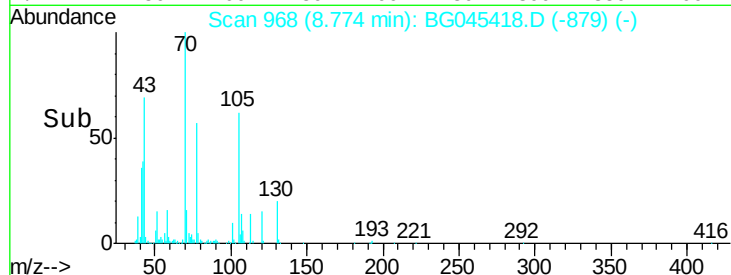
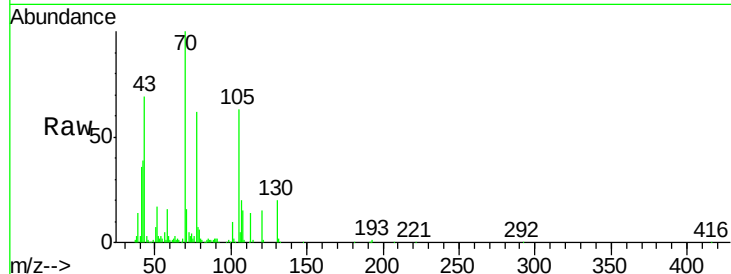
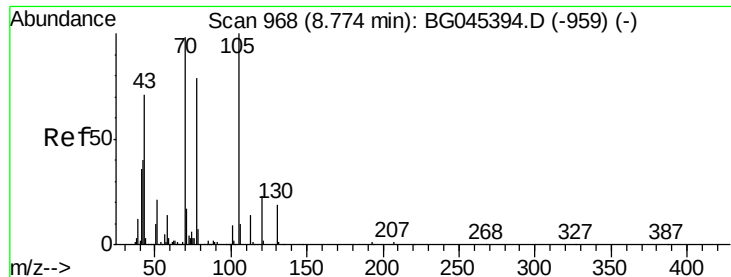


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

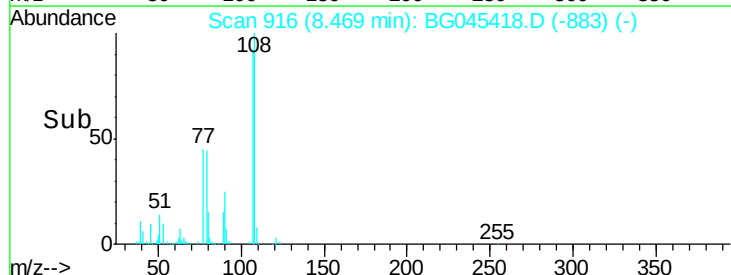
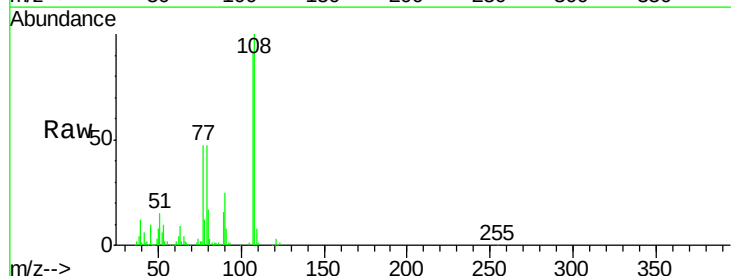
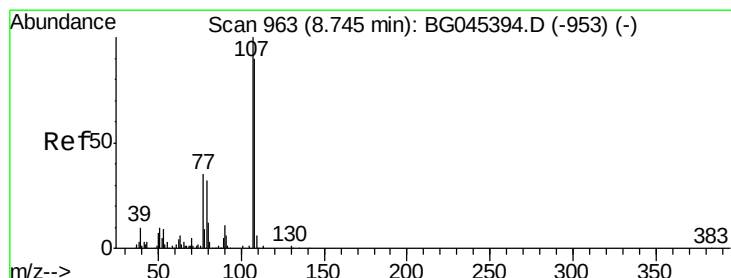
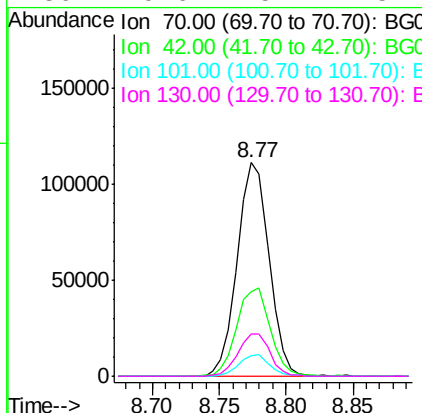




#19
n-Nitroso-di-n-propylamine
Concen: 52.113 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

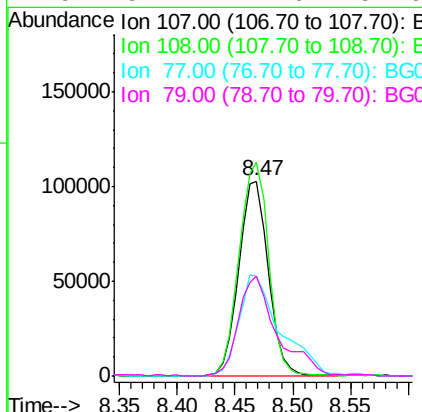
Instrument :
BNA_G
ClientSampleId :

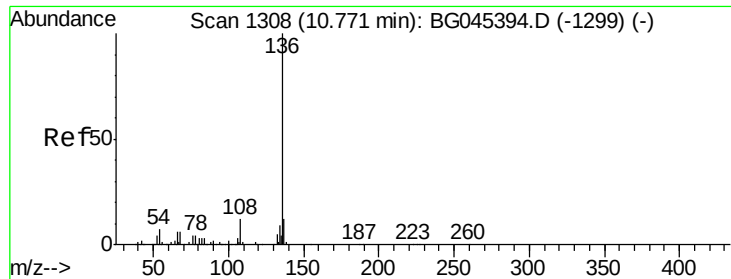
Tot Ion:	70	Resp:	184073
Ion	Ratio	Lower	Upper
70	100		
42	39.4	33.2	49.8
101	9.7	7.8	11.6
130	19.6	15.4	23.2



#20
3+4-Methylphenols
Concen: 34.231 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.34 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:	107	Resp:	183679
Ion	Ratio	Lower	Upper
107	100		
108	109.6	70.3	110.3
77	51.0	15.4	55.4
79	51.2	12.6	52.6

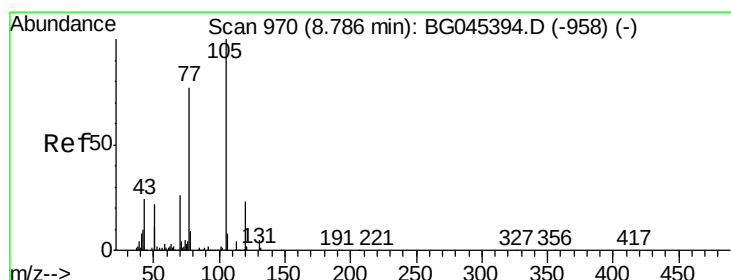
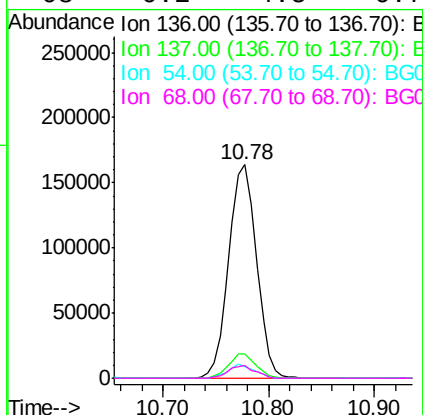
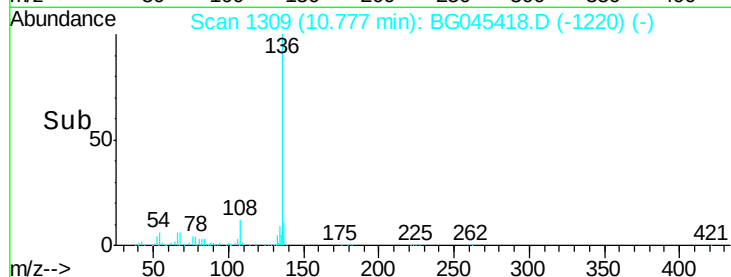
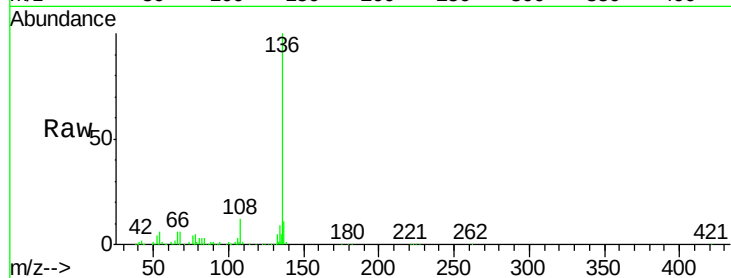




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

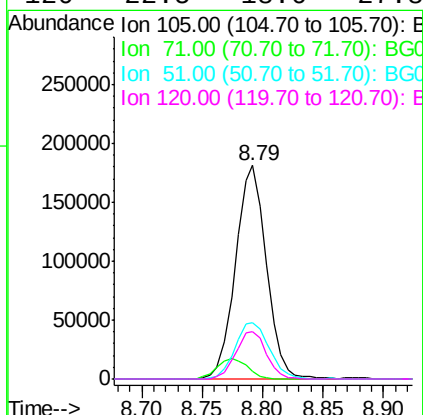
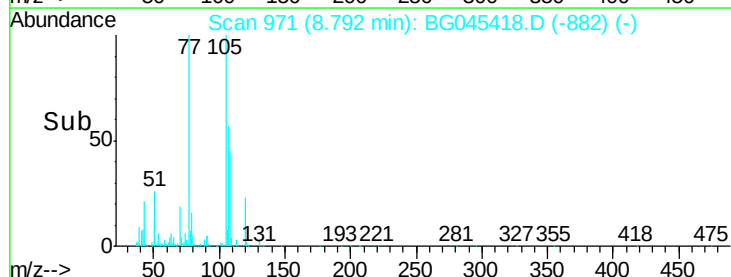
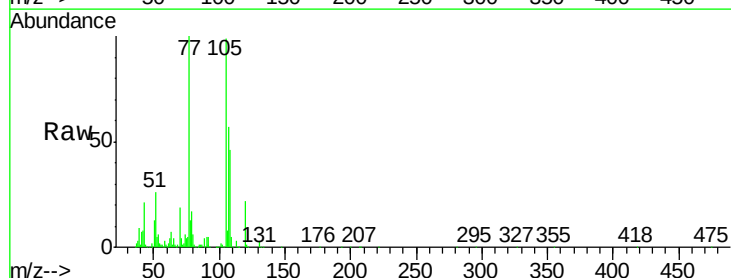
Instrument :
BNA_G
ClientSampleId :

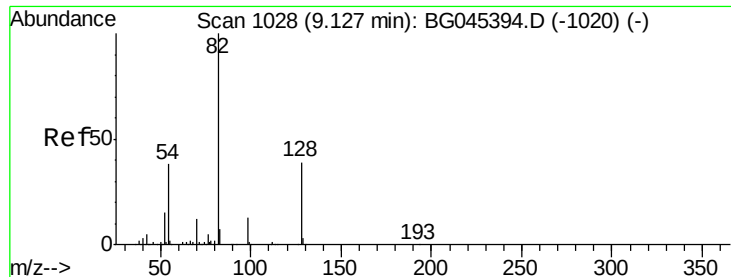
Tot Ion:136	Resp:	298247
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.4 14.2
54	5.5	5.8 8.6#
68	6.2	4.5 6.7



#22
Acetophenone
Concen: 45.710 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:105	Resp:	323117
Ion Ratio	Lower	Upper
105	100	
71	3.9	3.4 5.0
51	26.2	18.2 27.2
120	22.5	18.6 27.8

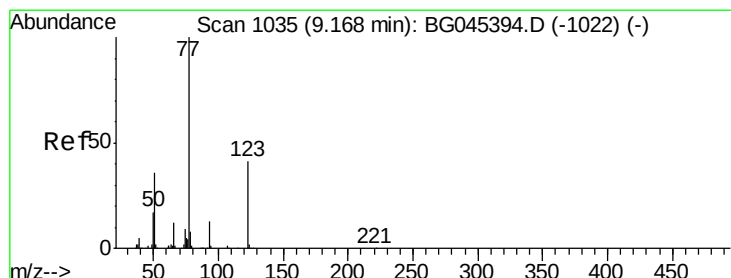
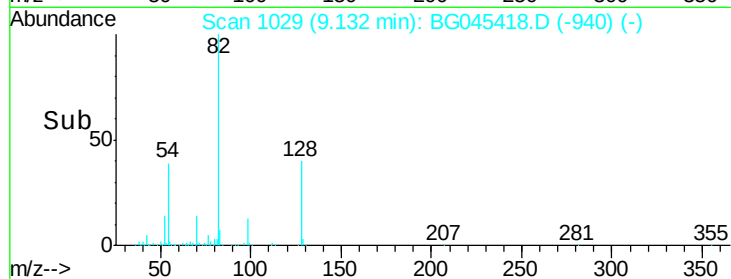
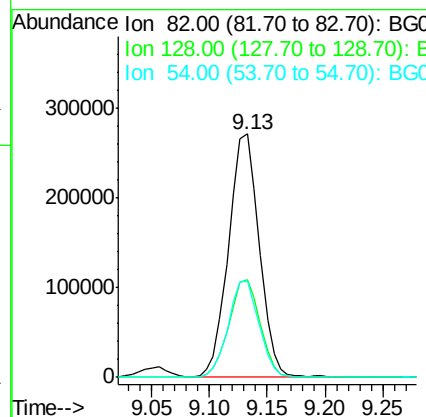
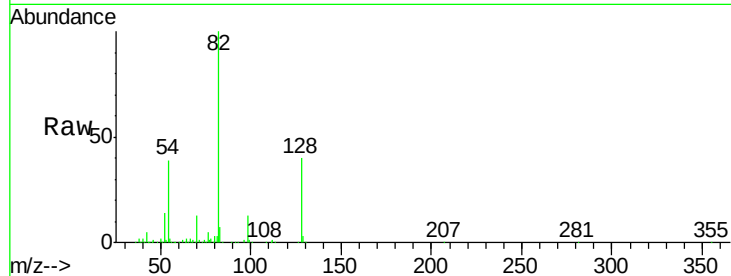




#23
 Nitrobenzene-d5
 Concen: 91.445 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

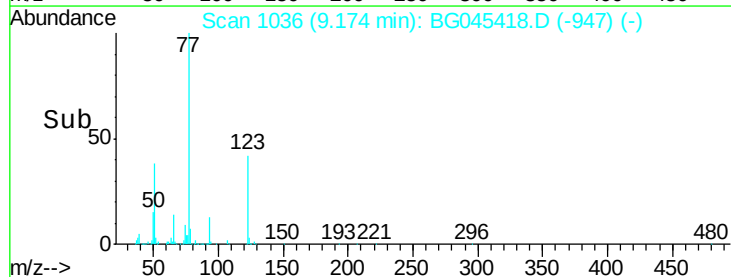
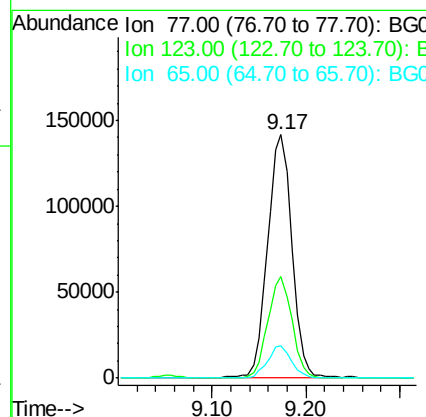
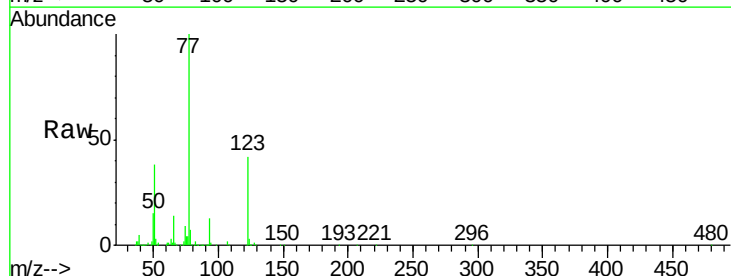
Instrument :
 BNA_G
 ClientSampleId :

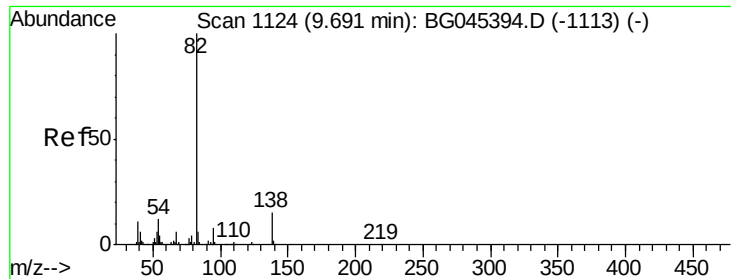
Tot Ion	82	Resp	500134
Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.9	46.3
54	39.4	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.486 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	77	Resp	254817
Ion	Ratio	Lower	Upper
77	100		
123	41.9	32.9	49.3
65	13.5	9.4	14.2





#25

Isophorone

Concen: 47.529 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

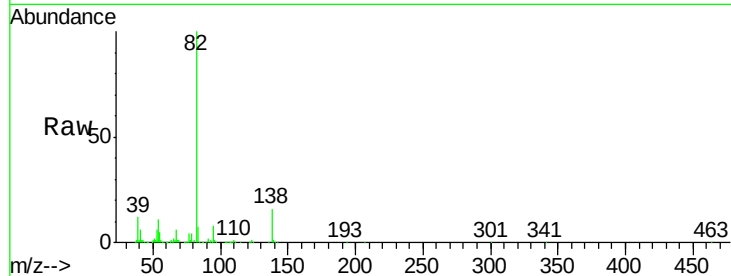
Tot Ion: 82 Resp: 511937

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

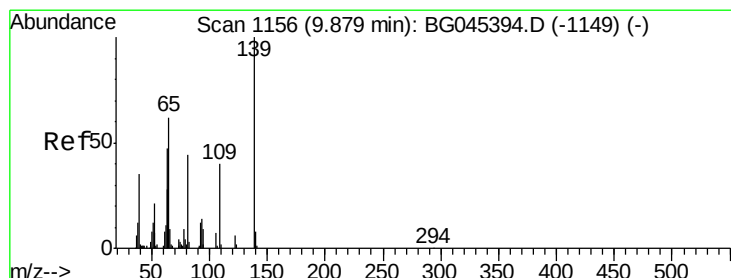
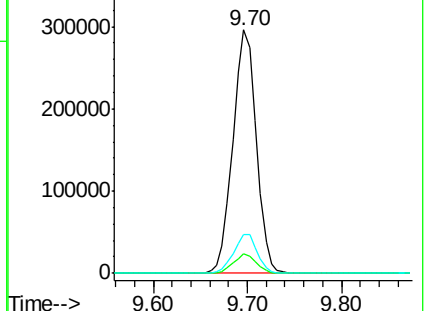
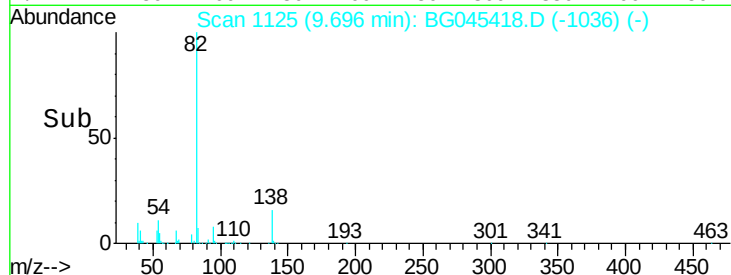
138 16.0 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BG045418.D (-1036) (-)

Ion 95.00 (94.70 to 95.70): BG045418.D (-1036) (-)

Ion 138.00 (137.70 to 138.70): BG045418.D (-1036) (-)



#26

2-Nitrophenol

Concen: 46.518 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

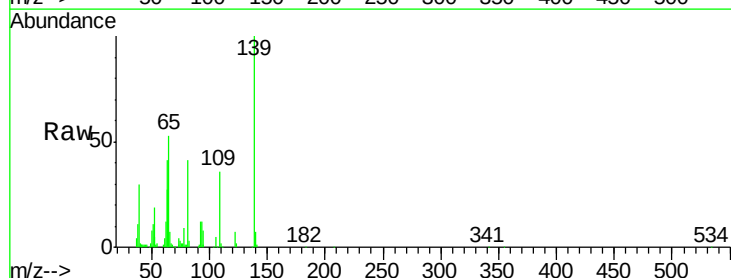
Tgt Ion: 139 Resp: 116607

Ion Ratio Lower Upper

139 100

109 35.9 32.2 48.4

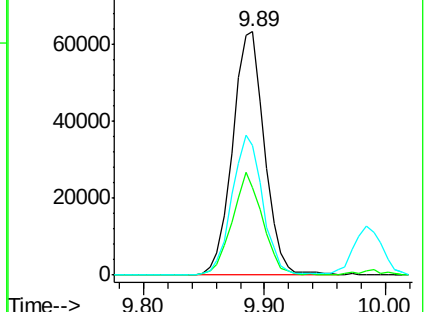
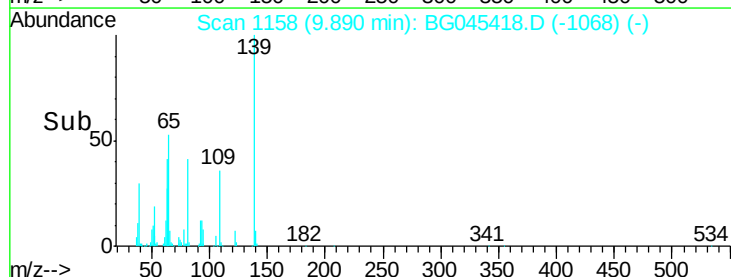
65 53.1 49.6 74.4

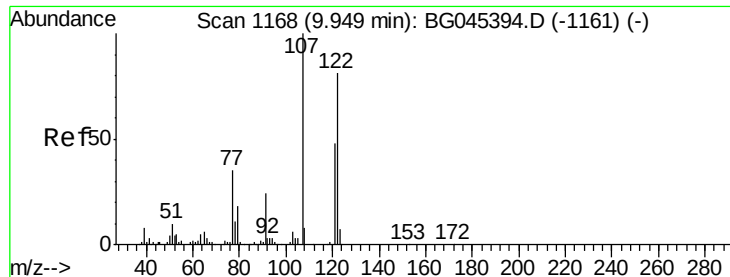


Abundance Ion 139.00 (138.70 to 139.70): BG045418.D (-1068) (-)

Ion 109.00 (108.70 to 109.70): BG045418.D (-1068) (-)

Ion 65.00 (64.70 to 65.70): BG045418.D (-1068) (-)

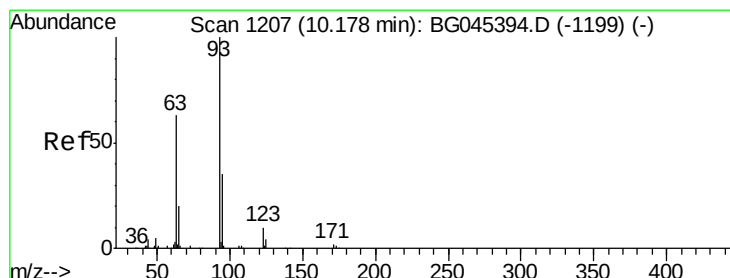
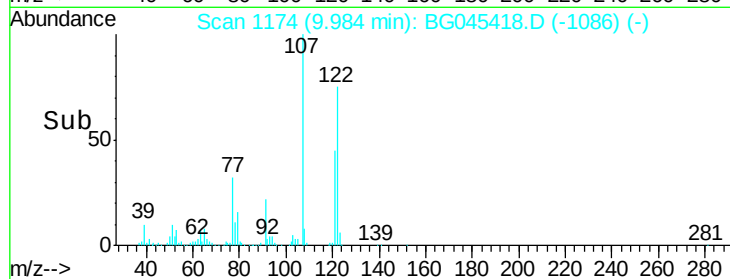
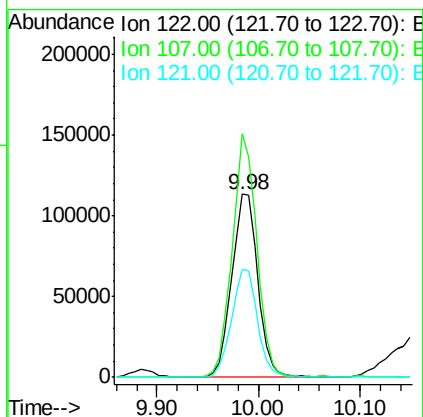
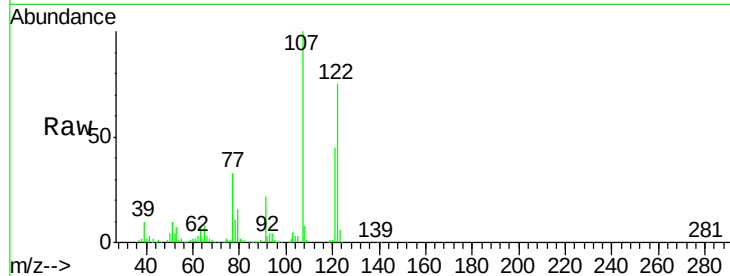




#27
 2,4-Dimethylphenol
 Concen: 54.330 ng
 RT: 9.98 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

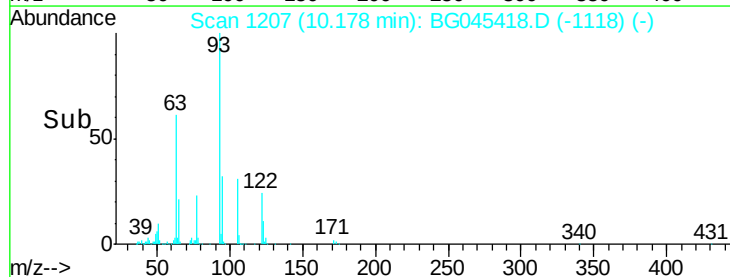
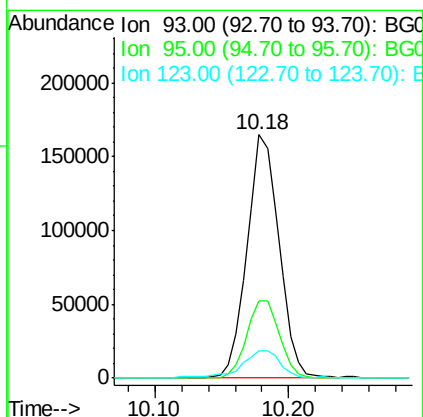
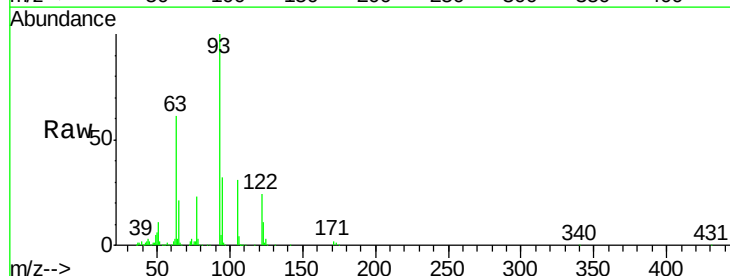
Instrument :
 BNA_G
 ClientSampleId :

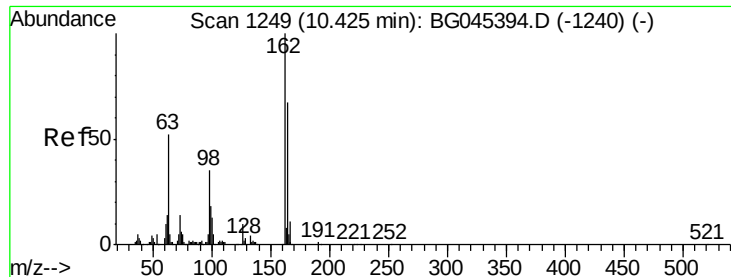
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.9	99.0	148.4
121	59.2	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.180 ng
 RT: 10.18 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.6	41.4
123	11.2	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 49.983 ng

RT: 10.46 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

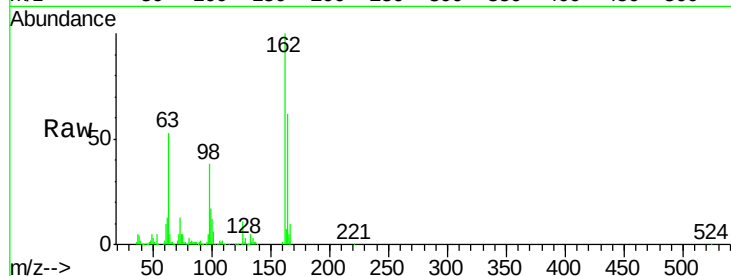
Tot Ion:162 Resp: 219442

Ion Ratio Lower Upper

162 100

164 62.2 46.8 86.8

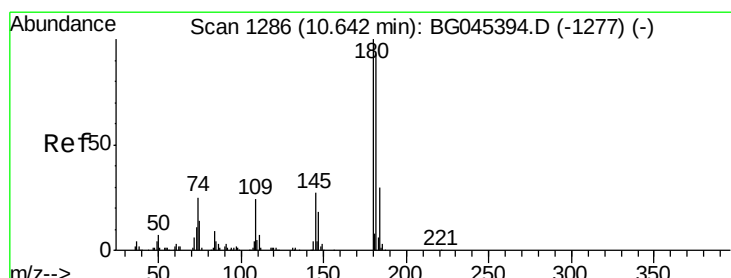
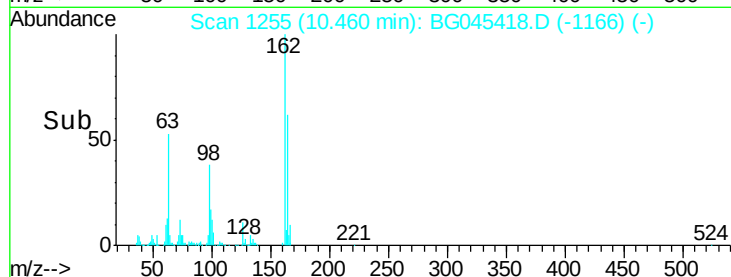
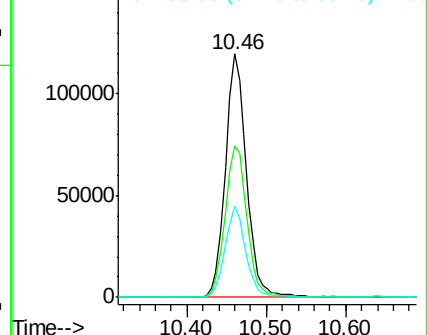
98 37.6 15.2 55.2



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: 44.063 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

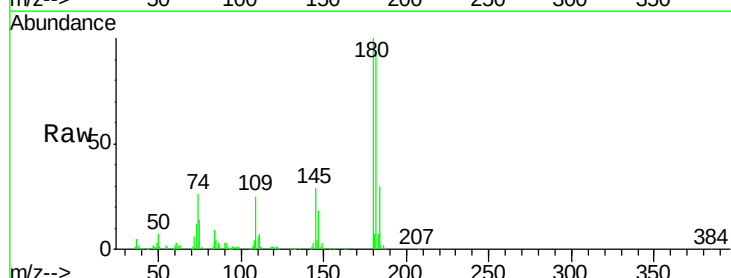
Tgt Ion:180 Resp: 228589

Ion Ratio Lower Upper

180 100

182 94.3 74.8 112.2

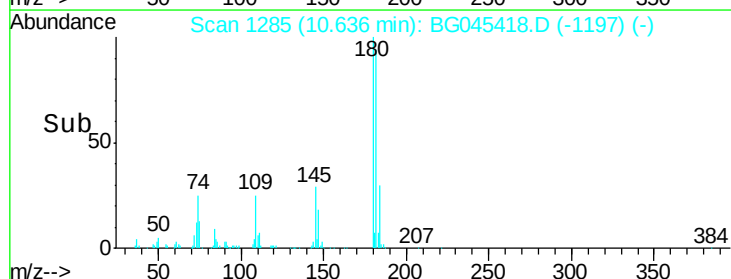
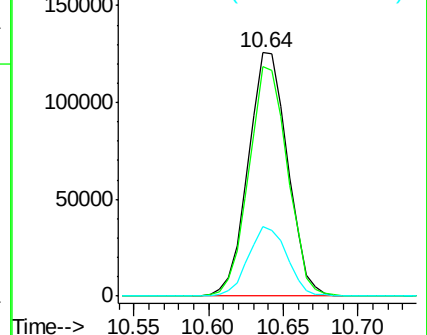
145 28.8 21.9 32.9

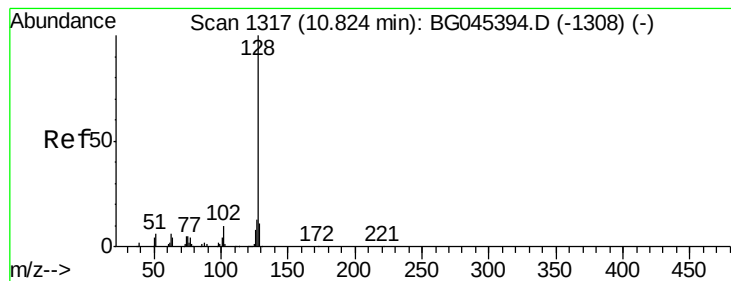


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.497 ng

RT: 10.82 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

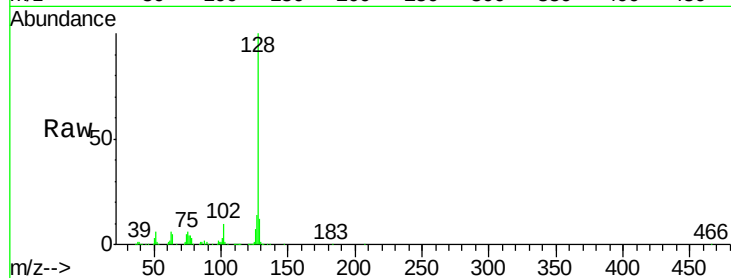
Tot Ion:128 Resp: 646217

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

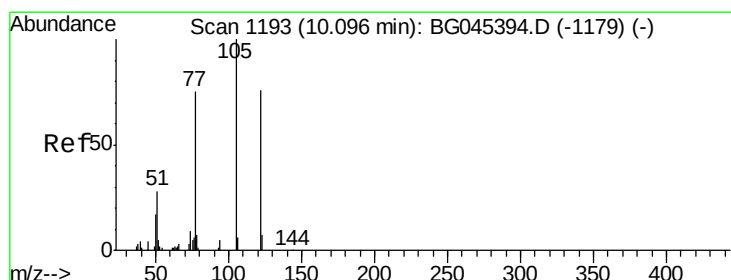
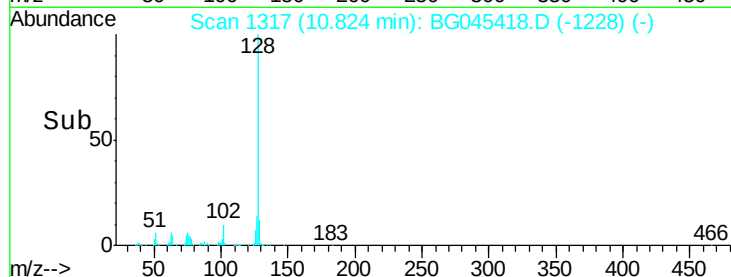
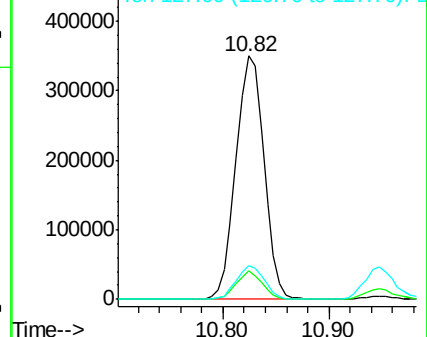
127 14.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.392 ng

RT: 10.18 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

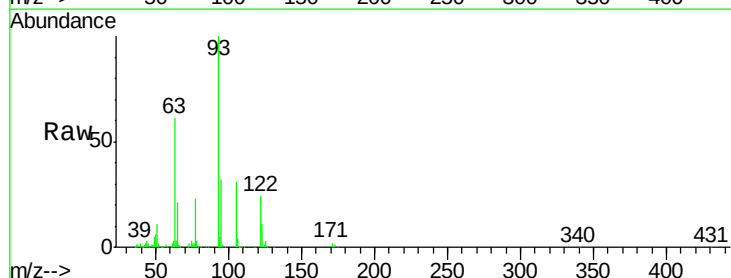
Tgt Ion:122 Resp: 122625

Ion Ratio Lower Upper

122 100

105 128.2 107.9 147.9

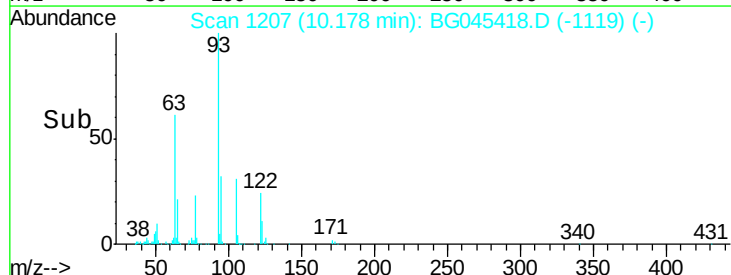
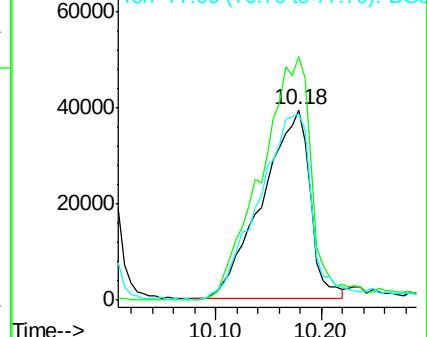
77 97.8 78.9 118.9

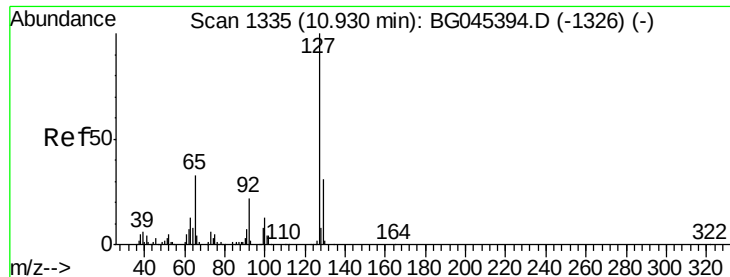


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

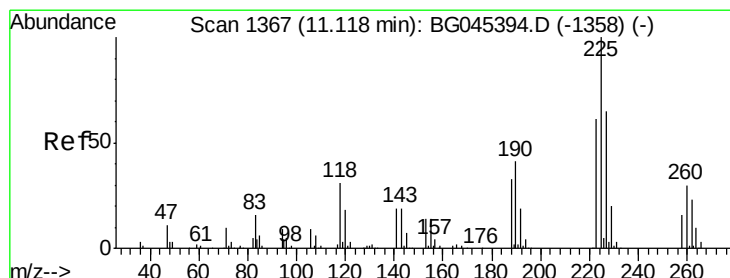
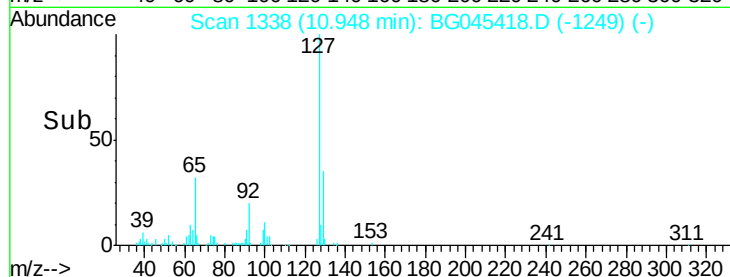
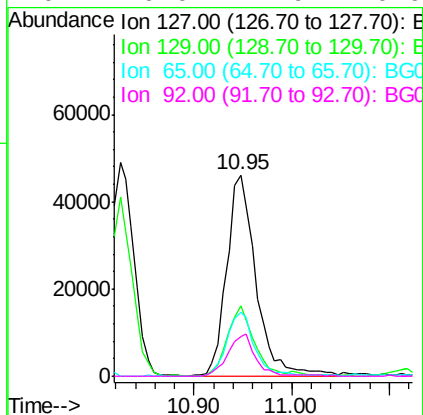
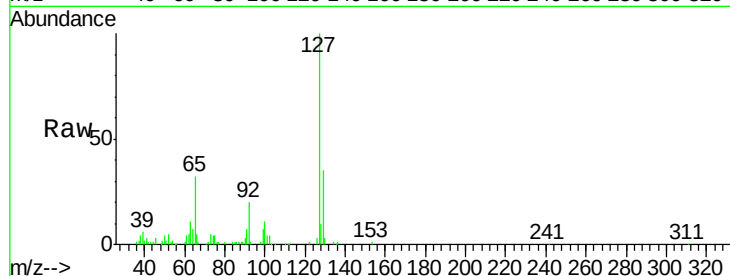




#33
4-Chloroaniline
Concen: 16.549 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

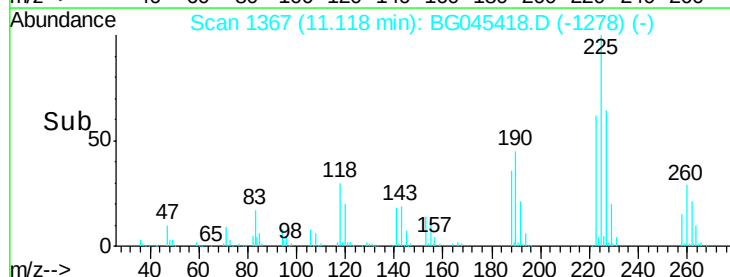
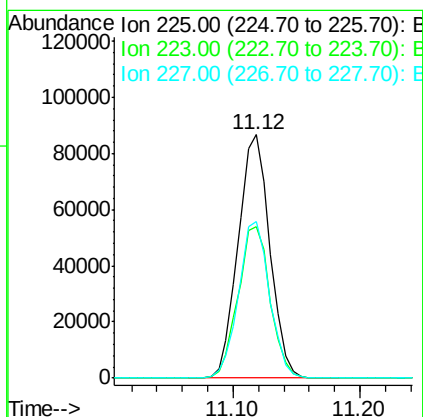
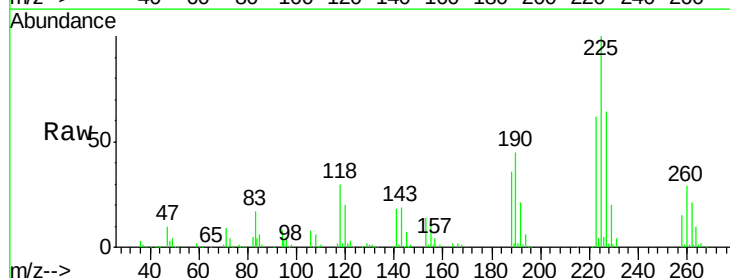
Instrument :
BNA_G
ClientSampleId :

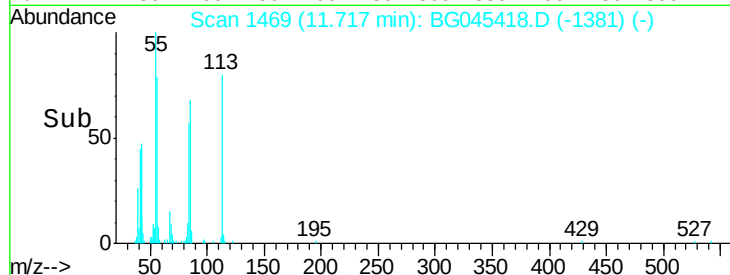
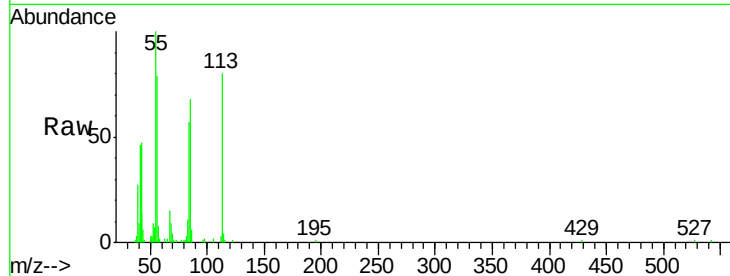
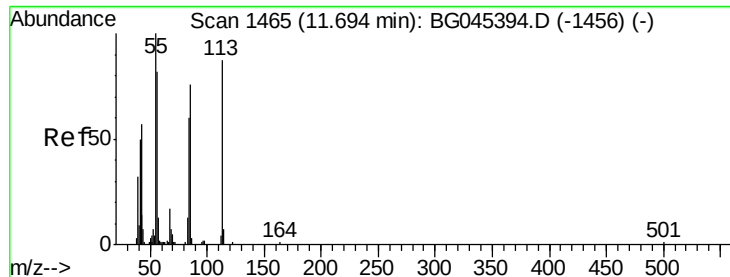
Tot Ion:127	Resp:	96143
Ion Ratio	Lower	Upper
127	100	
129	35.2	24.7 37.1
65	31.6	26.2 39.2
92	20.0	17.9 26.9



#34
Hexachlorobutadiene
Concen: 40.957 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:225	Resp:	150194
Ion Ratio	Lower	Upper
225	100	
223	62.3	49.1 73.7
227	64.3	52.0 78.0





#35

Caprolactam

Concen: 21.054 ng

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampled :

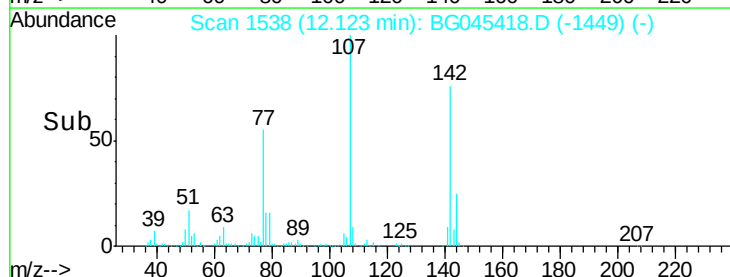
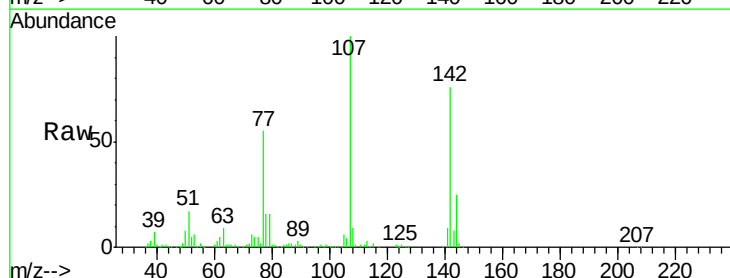
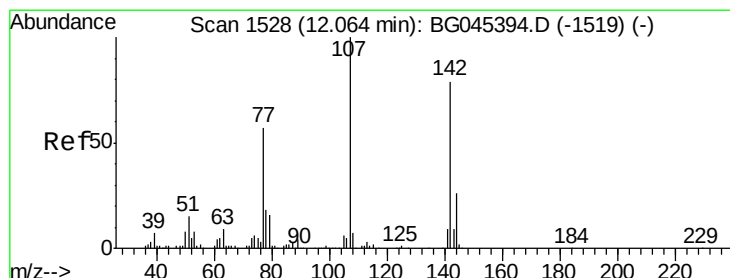
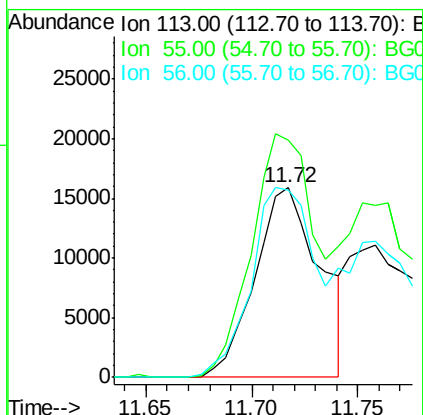
Tot Ion:113 Resp: 33928

Ion Ratio Lower Upper

113 100

55 125.1 96.0 136.0

56 98.7 75.1 115.1



#36

4-Chloro-3-methylphenol

Concen: 53.154 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

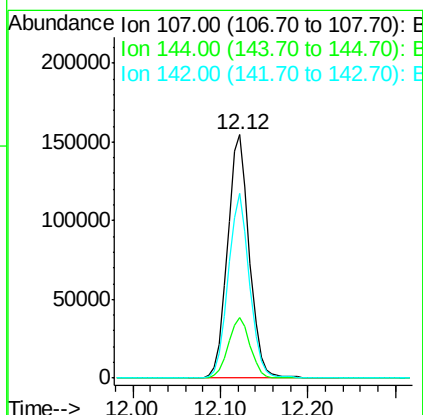
Tgt Ion:107 Resp: 262961

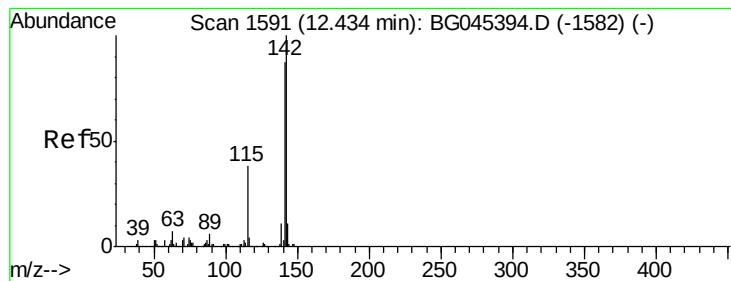
Ion Ratio Lower Upper

107 100

144 24.9 20.8 31.2

142 75.6 62.8 94.2





#37

2-Methylnaphthalene

Concen: 48.261 ng

RT: 12.43 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

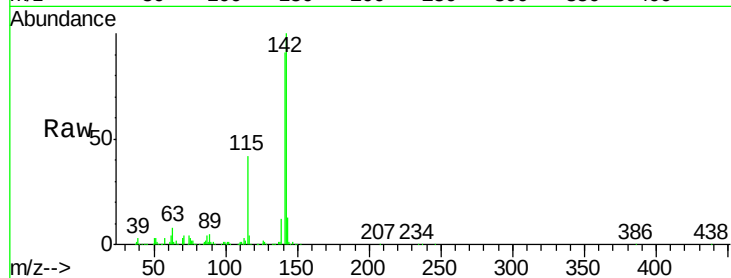
Tot Ion:142 Resp: 499929

Ion Ratio Lower Upper

142 100

141 90.8 70.0 105.0

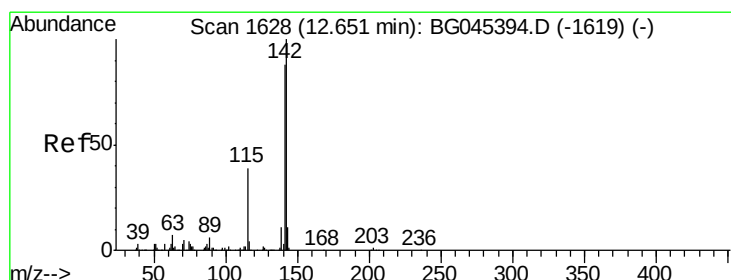
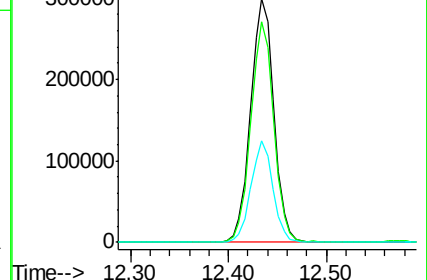
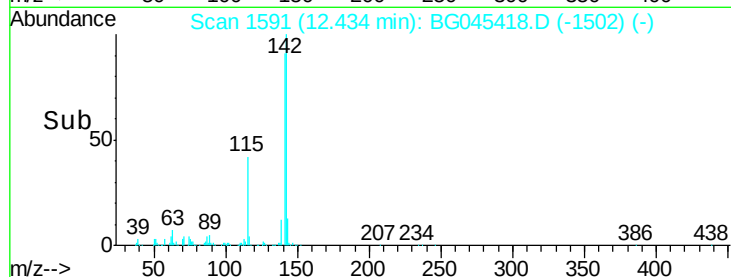
115 41.9 30.8 46.2



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: 51.090 ng

RT: 12.43 min Scan# 1591

Delta R.T. -0.22 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

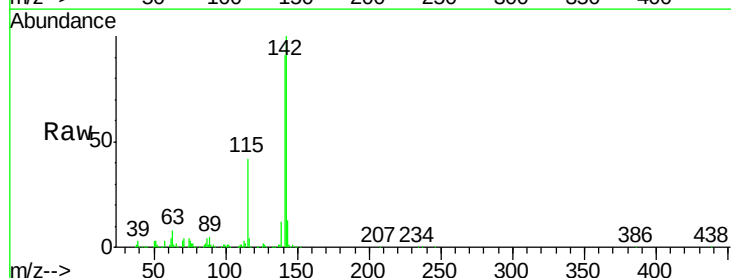
Tgt Ion:142 Resp: 499929

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

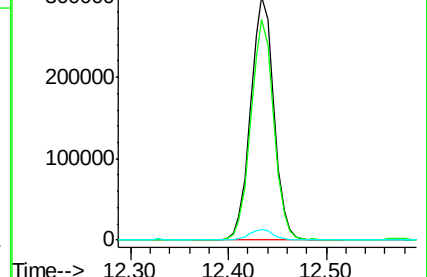
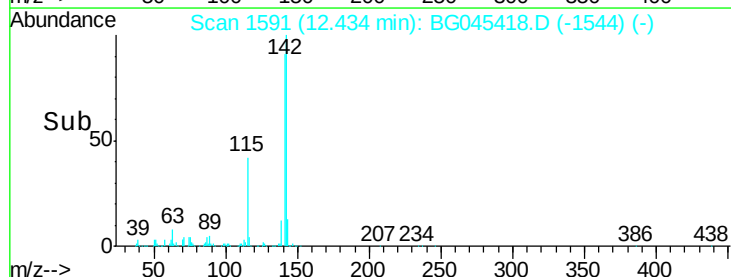
116 4.4 3.0 4.6

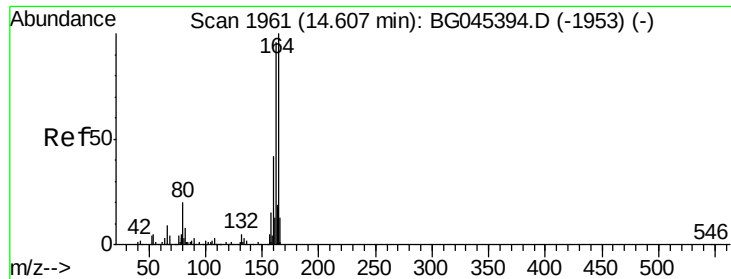


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1962

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

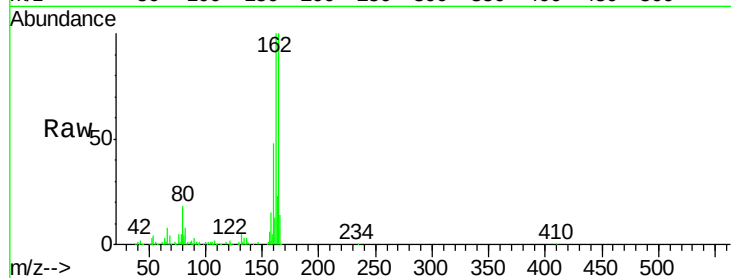
Tot Ion:164 Resp: 225880

Ion Ratio Lower Upper

164 100

162 99.7 76.9 115.3

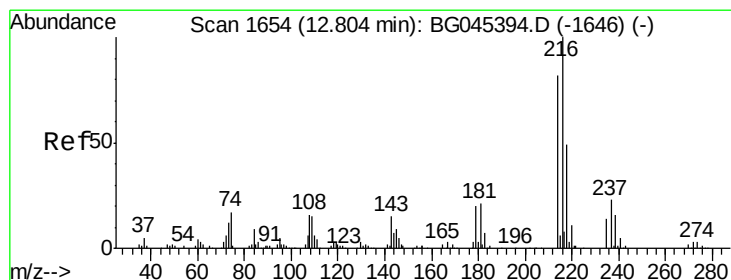
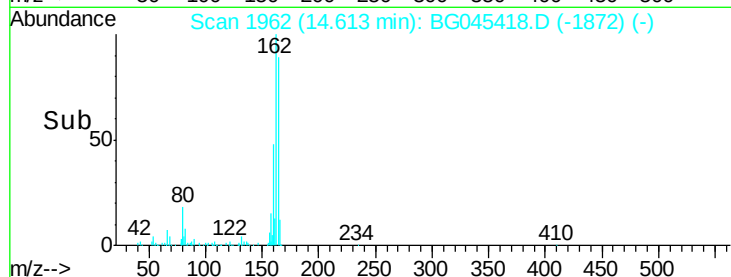
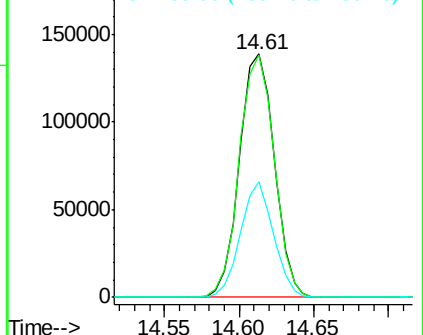
160 47.7 33.8 50.8



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: 43.902 ng

RT: 12.80 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:216 Resp: 276986

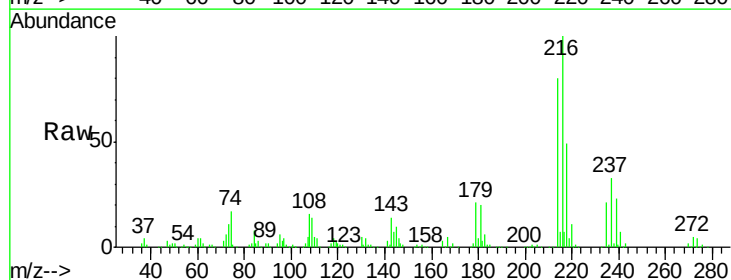
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 20.2 16.1 24.1

108 19.3 13.8 20.6

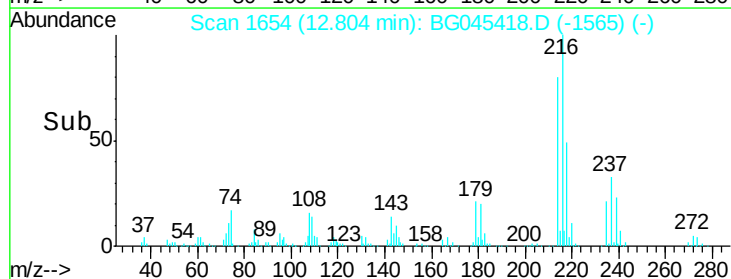
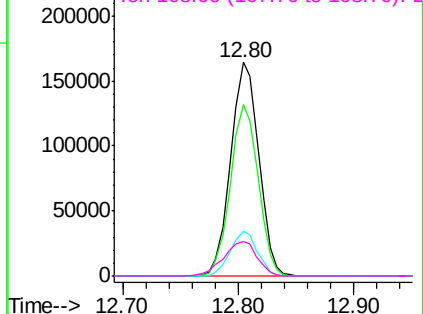


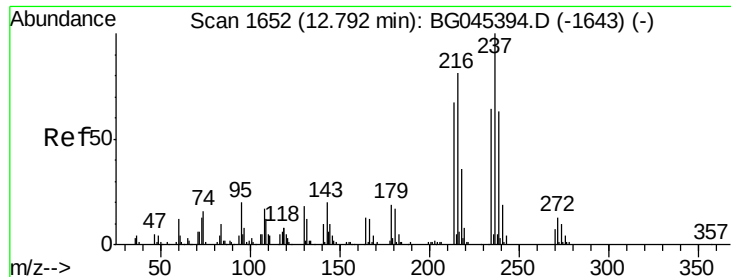
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.585 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

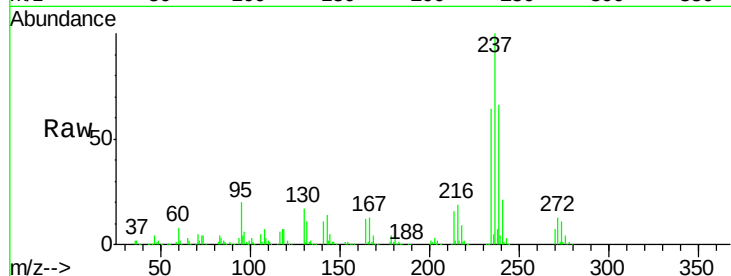
Tot Ion:237 Resp: 315303

Ion Ratio Lower Upper

237 100

235 64.2 44.4 84.4

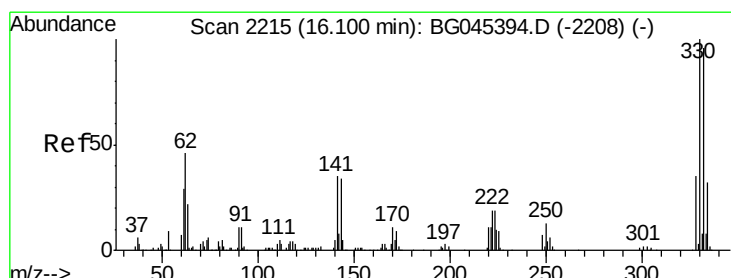
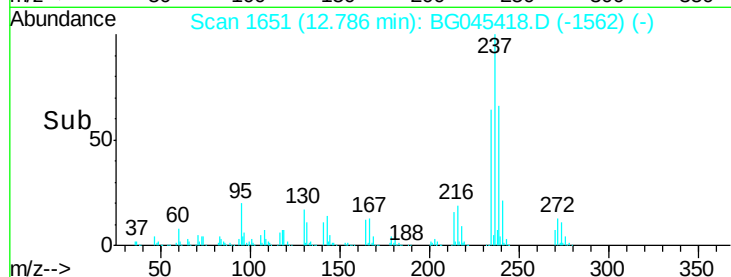
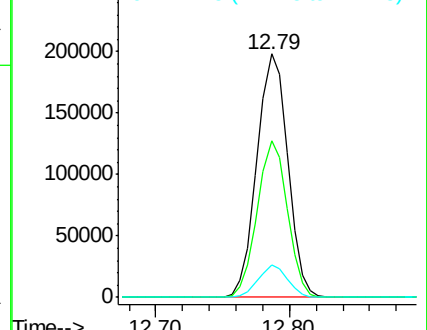
272 13.2 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.417 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

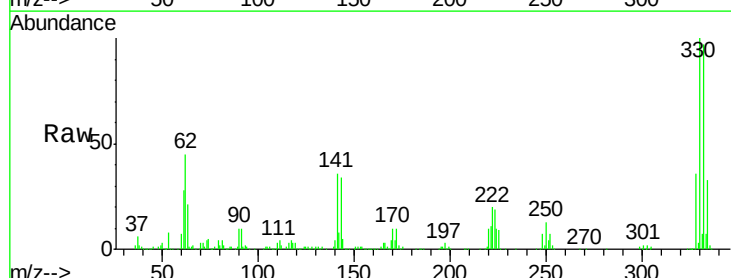
Tgt Ion:330 Resp: 411407

Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

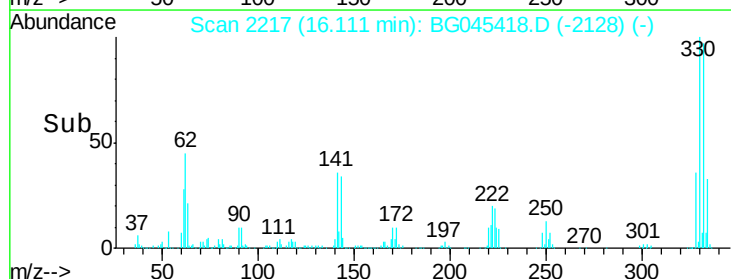
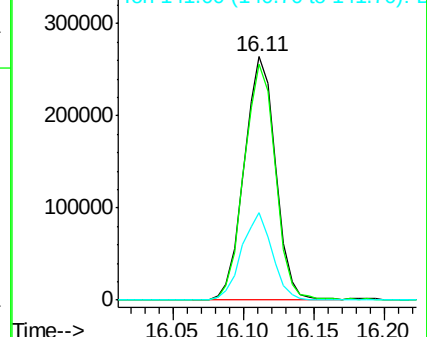
141 35.1 28.2 42.4

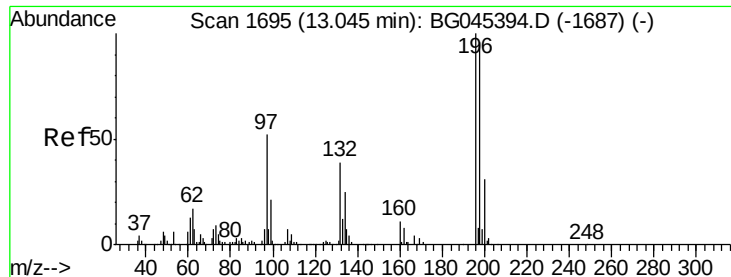


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

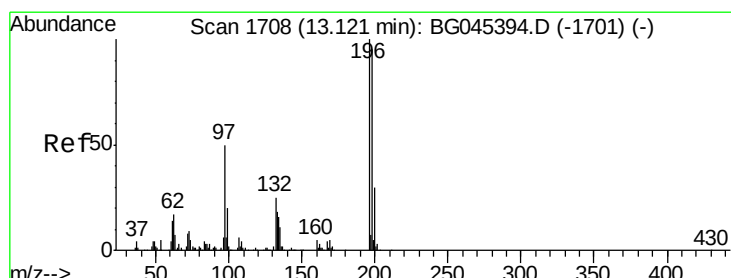
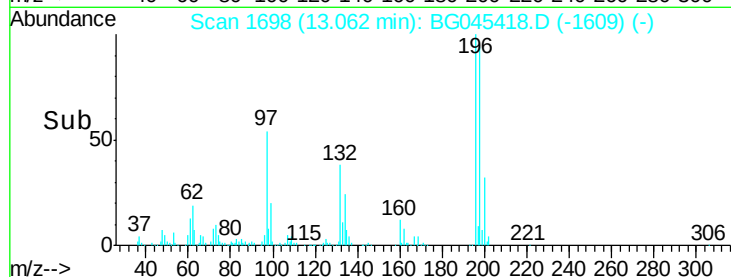
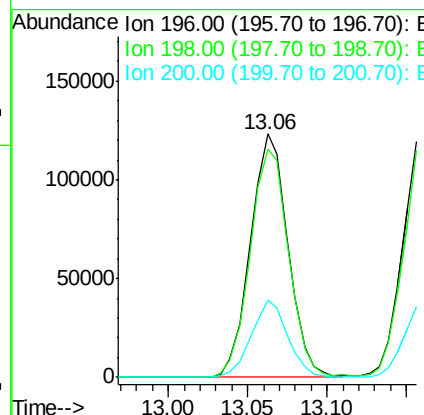
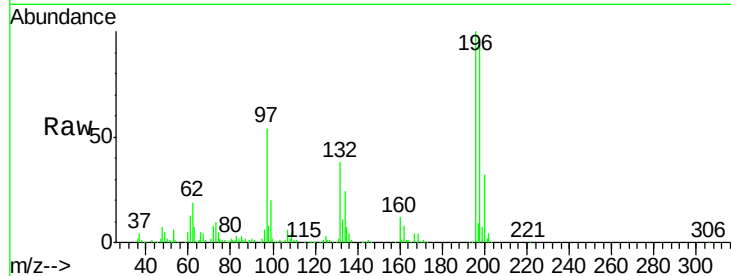




#43
 2,4,6-Trichlorophenol
 Concen: 46.200 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

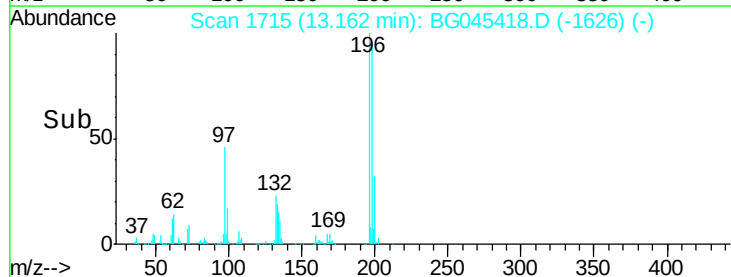
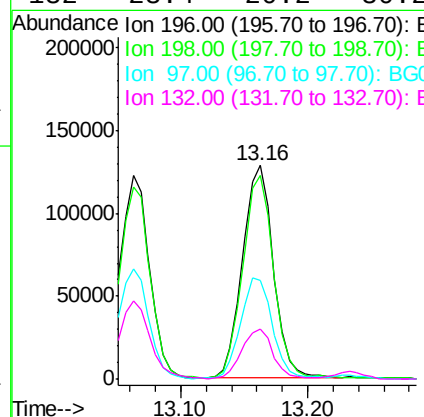
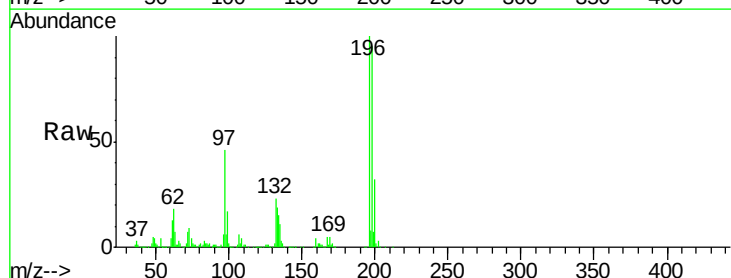
Instrument :
 BNA_G
 ClientSampleId :

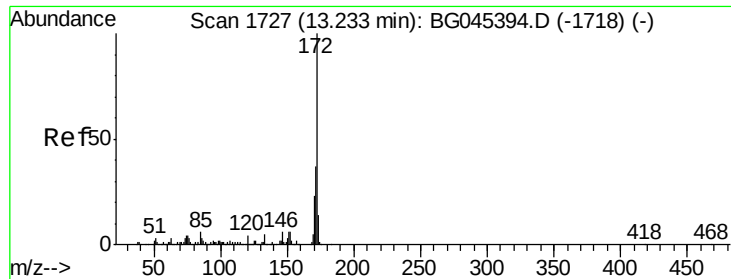
Tot Ion:196 Resp: 202483
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.7 115.1
 200 31.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.234 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion:196 Resp: 216531
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.1 114.1
 97 46.2 40.0 60.0
 132 23.4 20.2 30.2

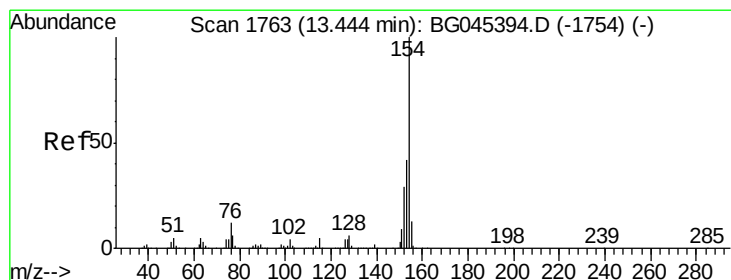
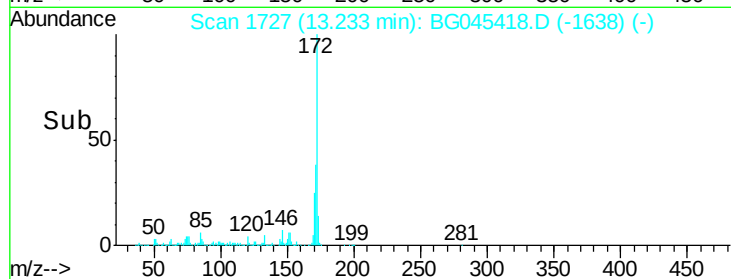
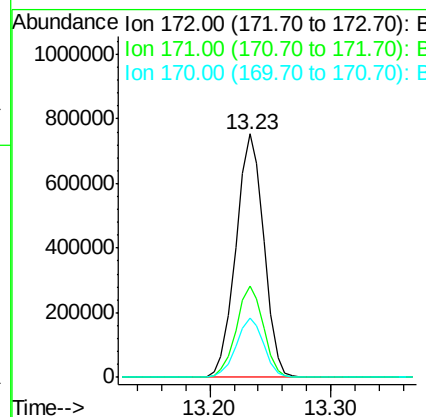
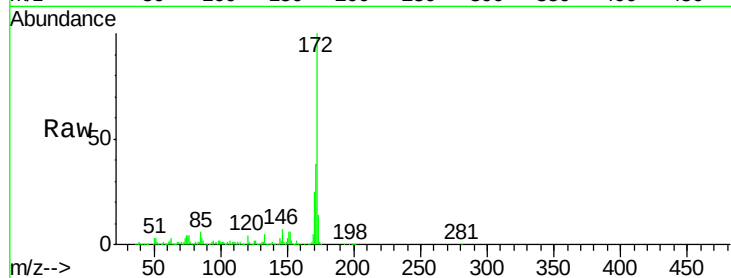




#45
2-Fluorobiphenyl
Concen: 90.787 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

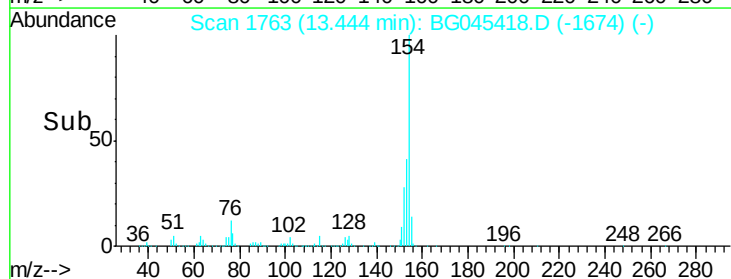
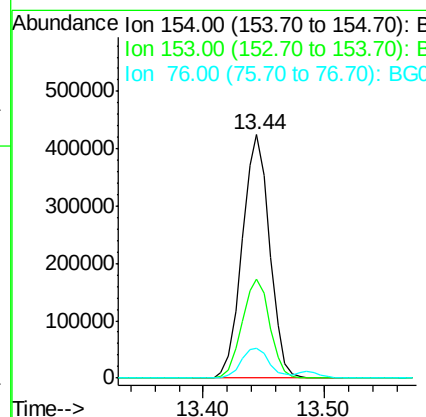
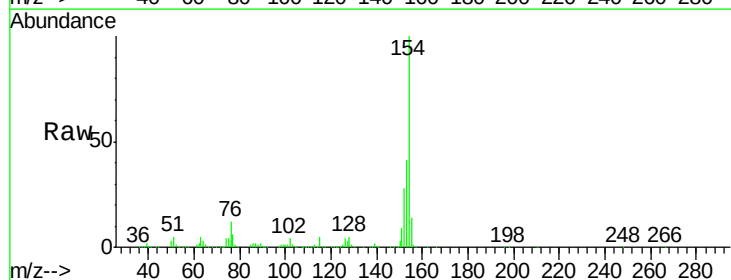
Instrument :
BNA_G
ClientSampleId :

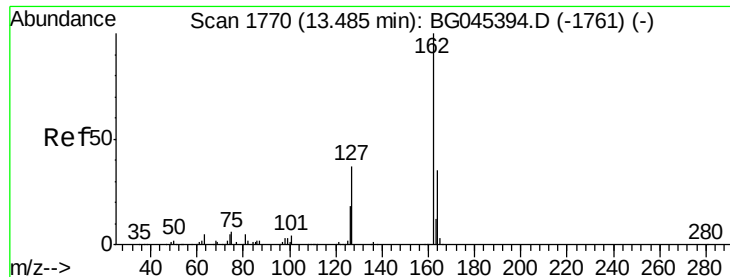
Tot Ion:172 Resp: 1208995
Ion Ratio Lower Upper
172 100
171 37.5 29.5 44.3
170 24.5 18.5 27.7



#46
1,1'-Biphenyl
Concen: 48.372 ng
RT: 13.44 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:154 Resp: 671375
Ion Ratio Lower Upper
154 100
153 40.9 22.2 62.2
76 12.1 0.0 32.4

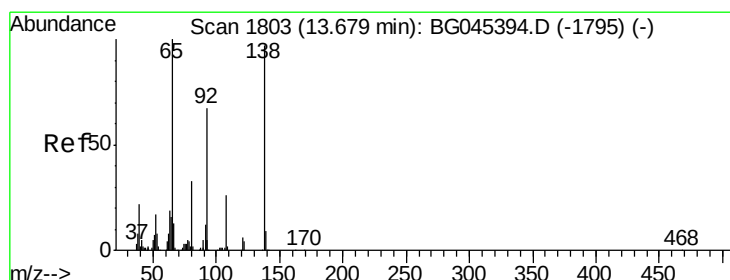
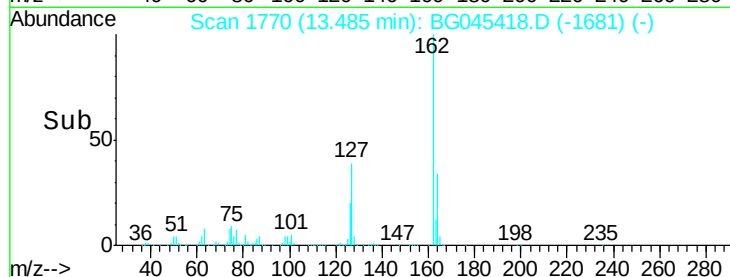
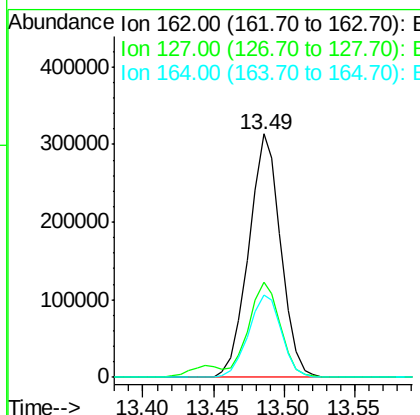
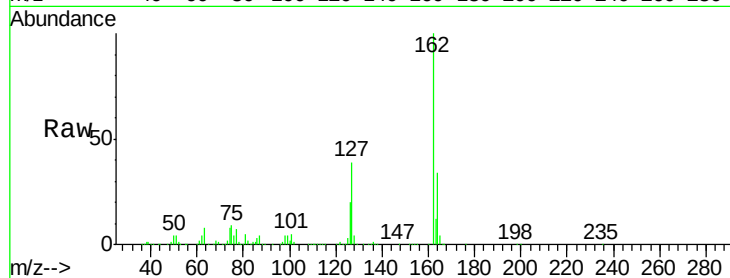




#47
2-Chloronaphthalene
Concen: 44.305 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

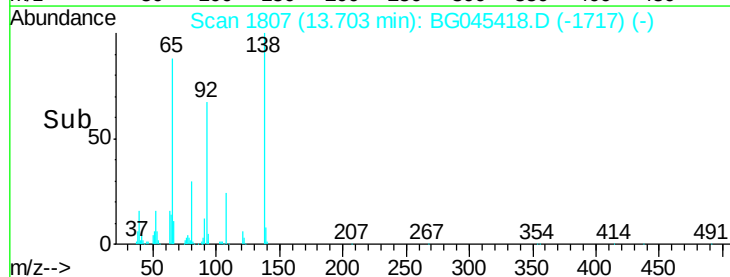
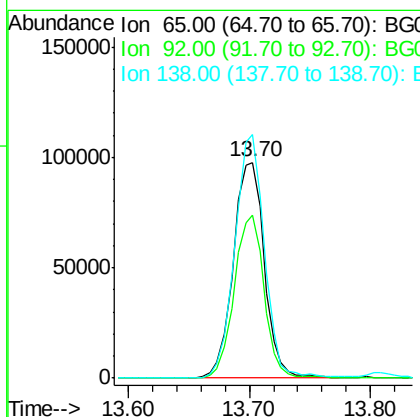
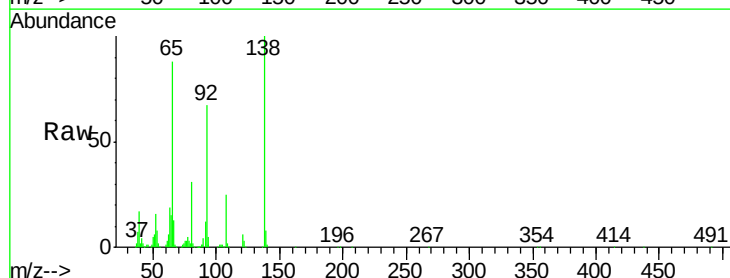
Instrument :
BNA_G
ClientSampleId :

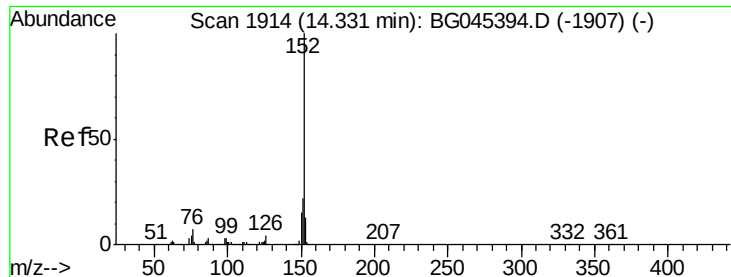
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.6	47.4
164	34.0	28.1	42.1



#48
2-Nitroaniline
Concen: 47.389 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	53.8	80.8
138	113.0	77.9	116.9





#49

Acenaphthylene

Concen: 47.338 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

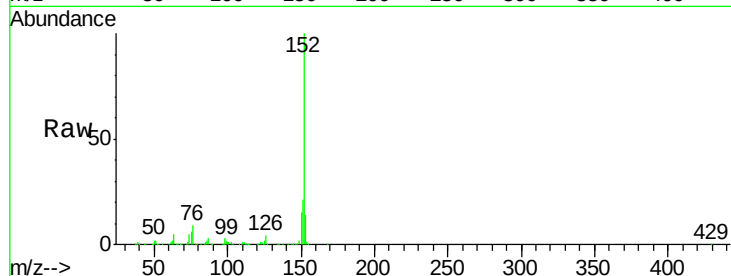
Tot Ion:152 Resp: 856968

Ion Ratio Lower Upper

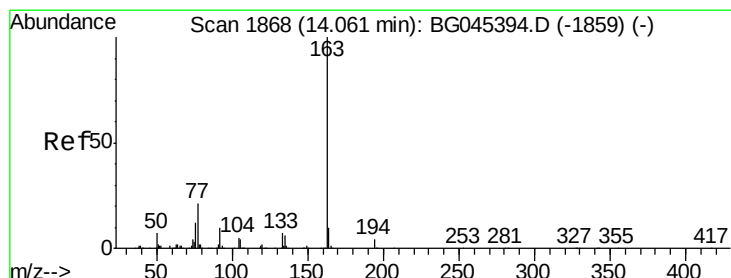
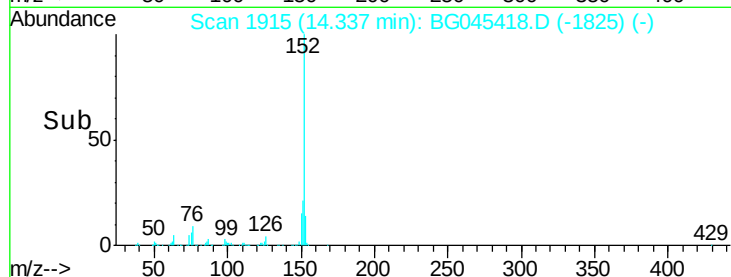
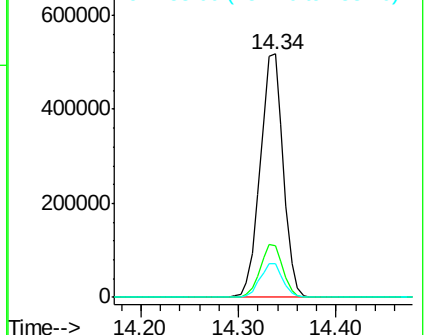
152 100

151 21.2 17.4 26.2

153 14.0 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: 52.250 ng

RT: 14.07 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

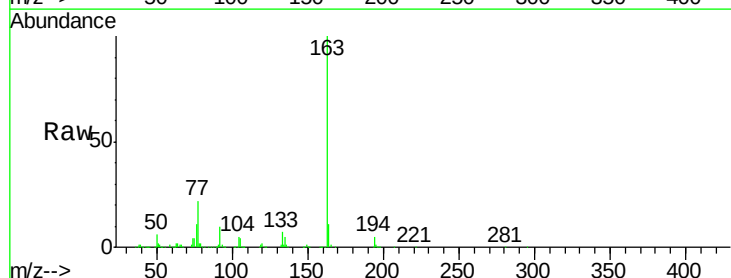
Tgt Ion:163 Resp: 809617

Ion Ratio Lower Upper

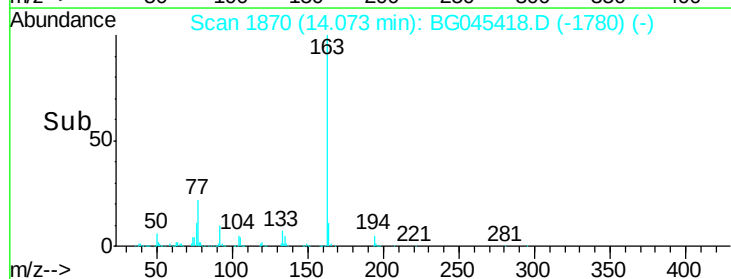
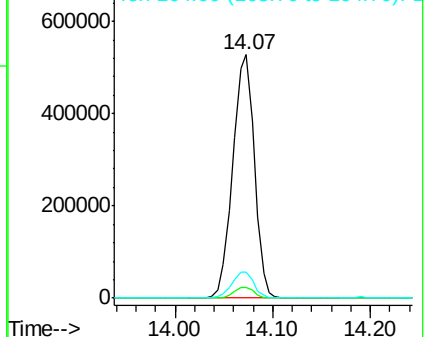
163 100

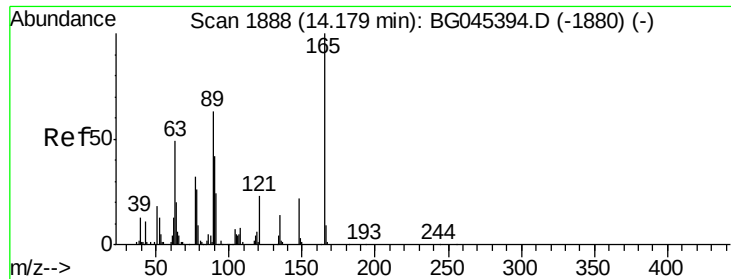
194 4.5 3.2 4.8

164 10.9 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

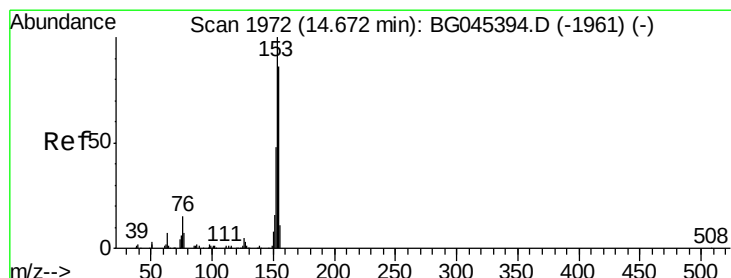
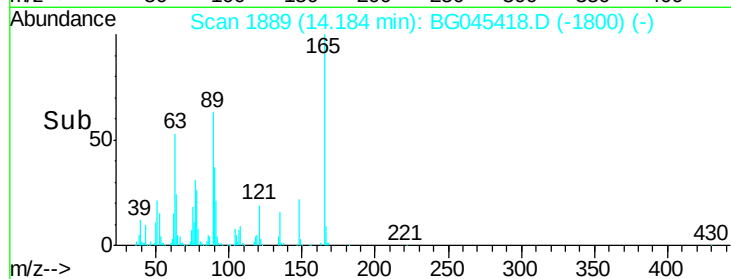
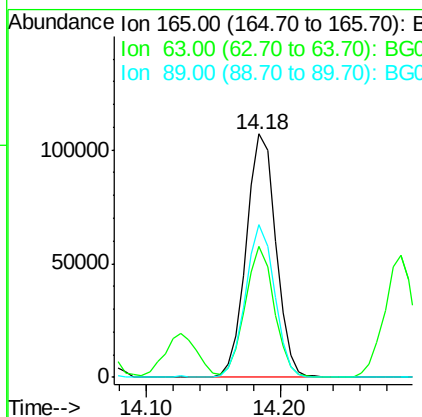
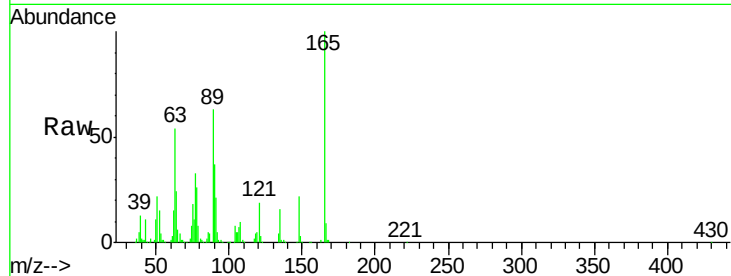




#51
 2,6-Dinitrotoluene
 Concen: 46.781 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

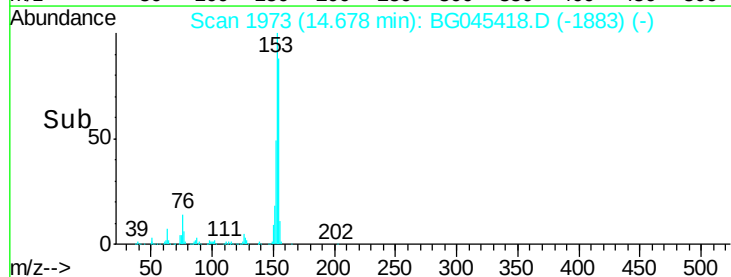
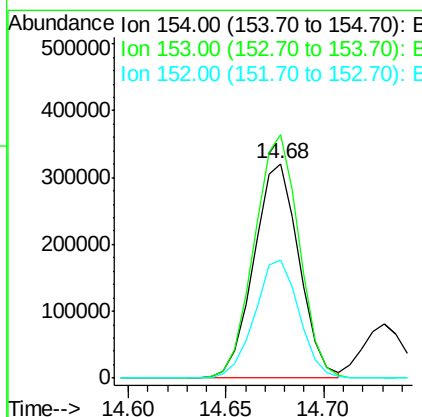
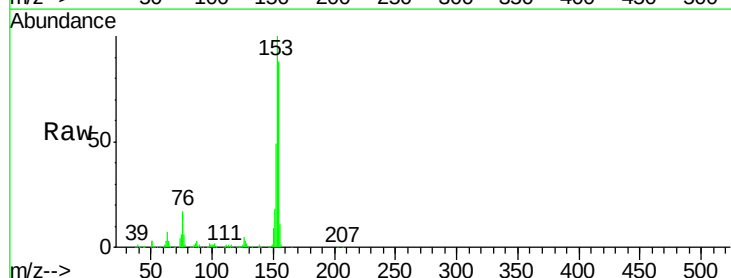
Instrument :
 BNA_G
 ClientSampleId :

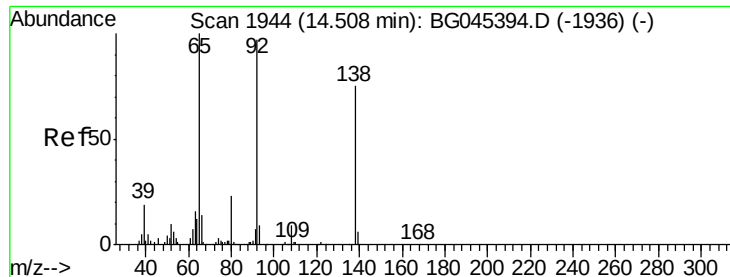
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	45.0	67.4
89	63.0	50.2	75.4



#52
 Acenaphthene
 Concen: 42.399 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	92.8	139.2
152	55.2	44.6	66.8

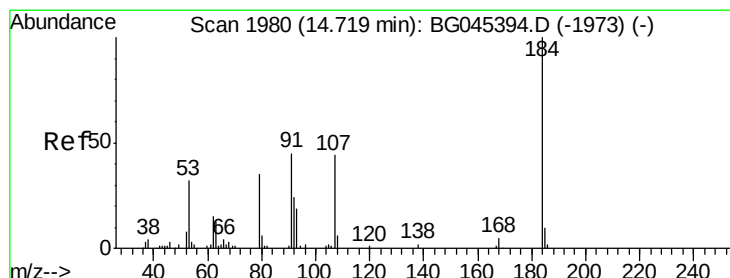
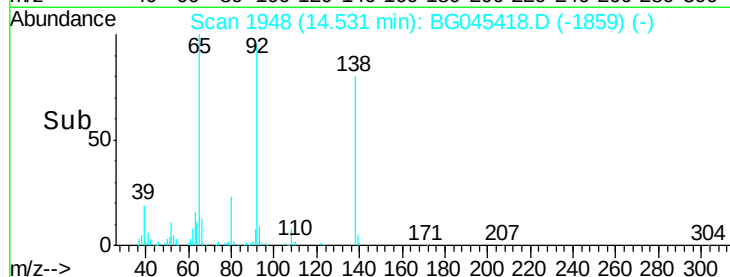
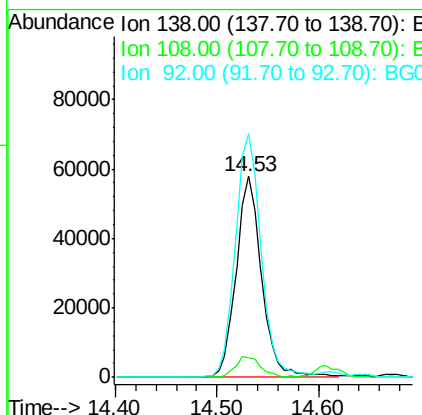
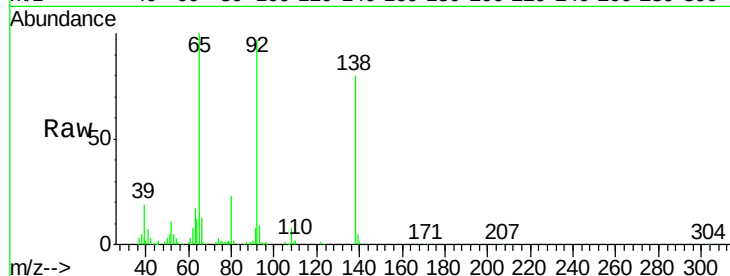




#53
3-Nitroaniline
Concen: 28.501 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

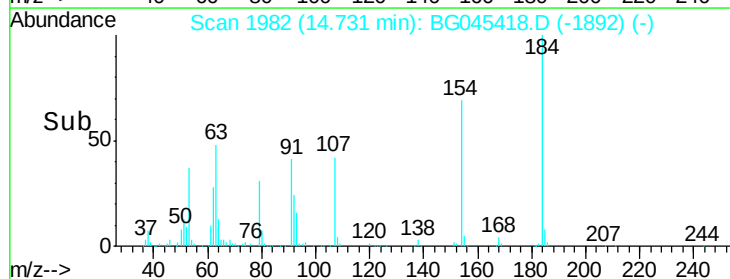
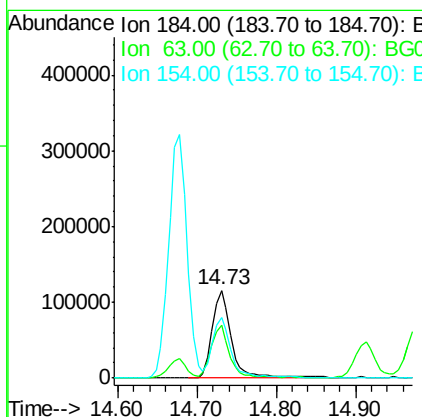
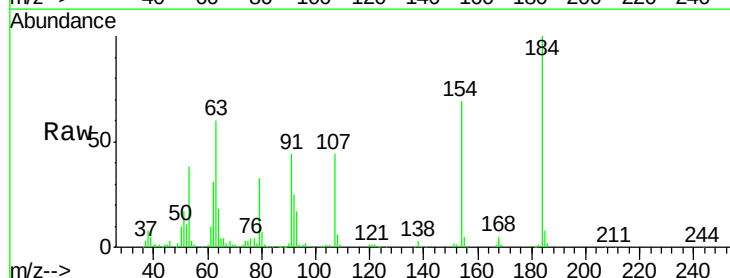
Instrument :
BNA_G
ClientSampleId :

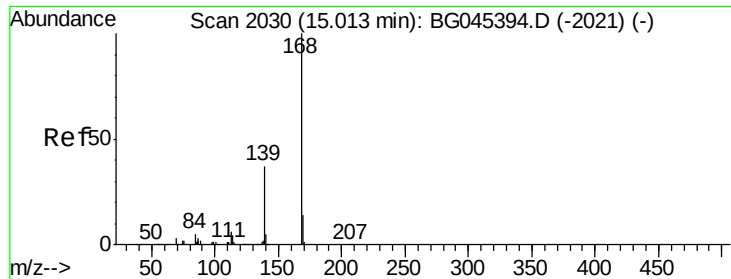
Tot Ion:138 Resp: 101302
Ion Ratio Lower Upper
138 100
108 9.9 9.8 14.6
92 121.0 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 85.671 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:184 Resp: 197176
Ion Ratio Lower Upper
184 100
63 59.8 47.8 71.6
154 69.0 58.3 87.5





#55

Dibenzofuran

Concen: 46.689 ng

RT: 15.01 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

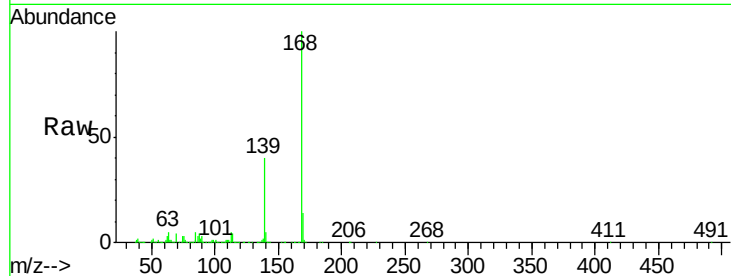
Tot Ion:168 Resp: 840195

Ion Ratio Lower Upper

168 100

139 39.7 29.9 44.9

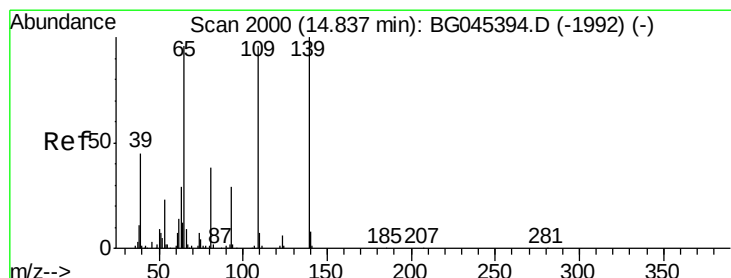
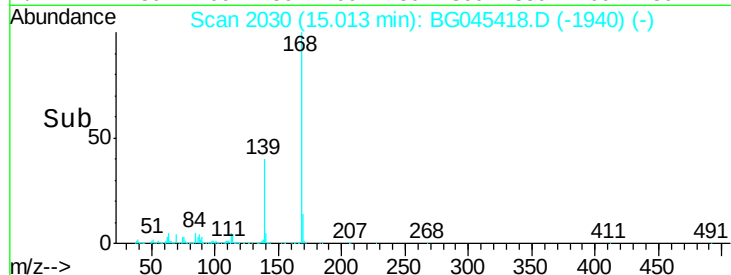
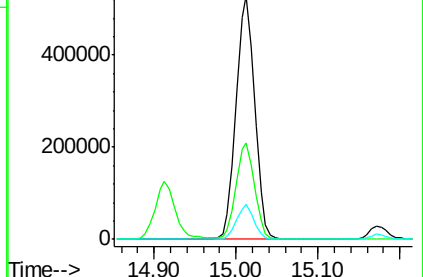
169 14.3 10.9 16.3



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: 80.322 ng

RT: 14.91 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

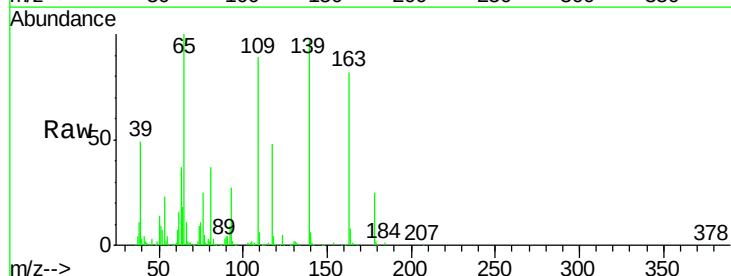
Tgt Ion:139 Resp: 216146

Ion Ratio Lower Upper

139 100

109 92.5 75.6 115.6

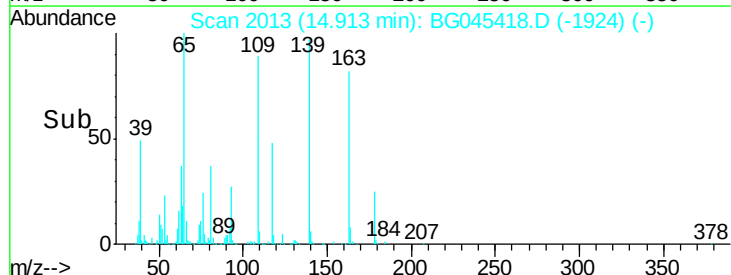
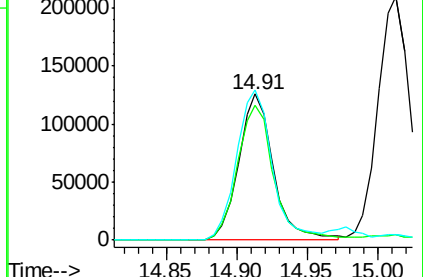
65 103.4 76.8 116.8

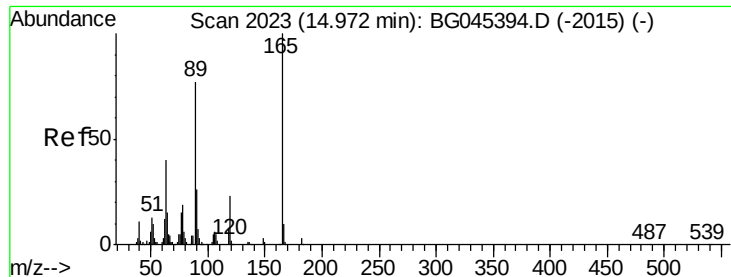


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

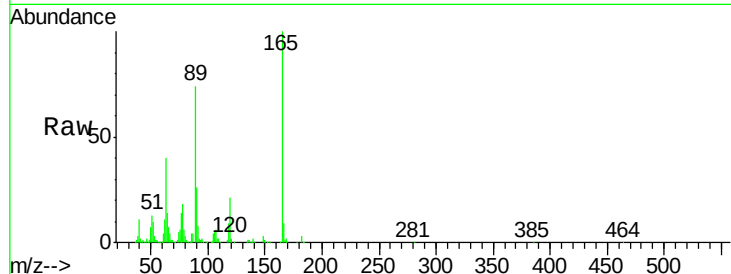




#57
2,4-Dinitrotoluene
Concen: 46.782 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	236899	
Ion Ratio	Lower	Upper	
165 100			
63 40.1	32.5	48.7	
89 73.7	61.8	92.6	
182 3.0	2.3	3.5	

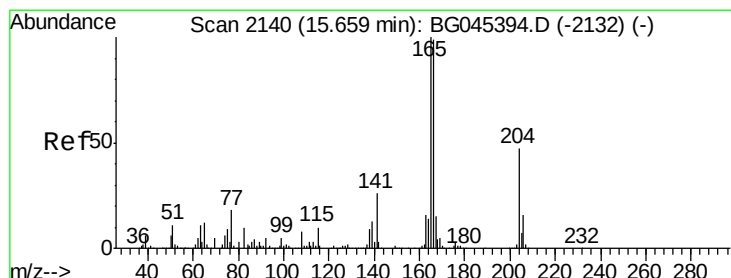
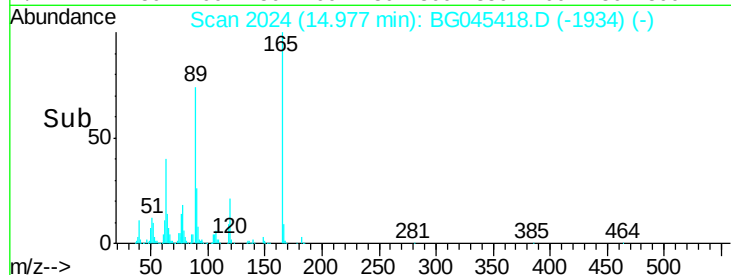
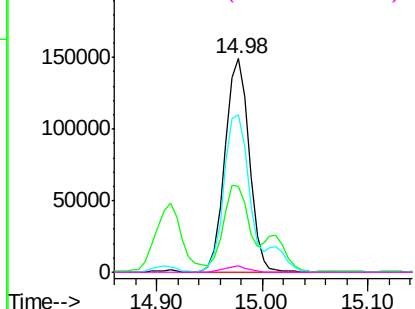


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

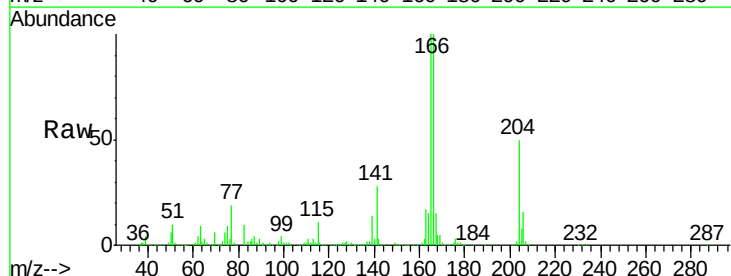
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.567 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

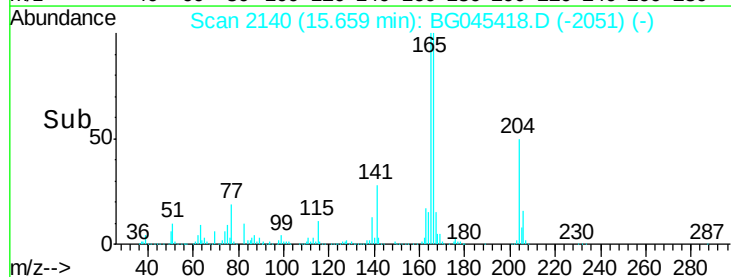
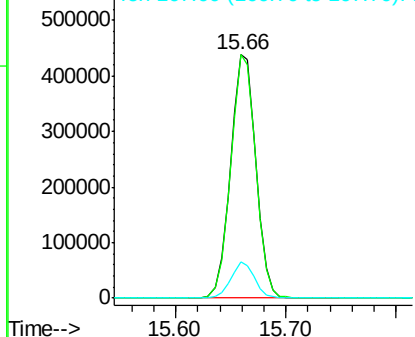
Tgt	Ion:166	Resp:	703235
Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.8	121.2
167	14.8	12.0	18.0

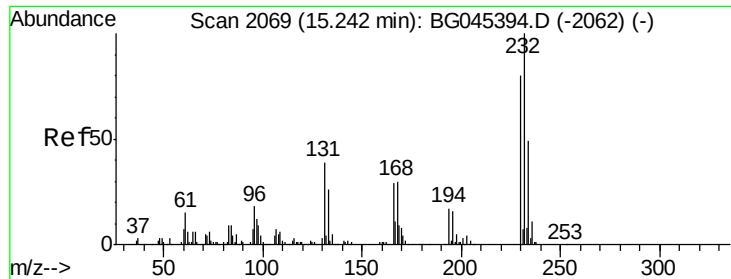


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

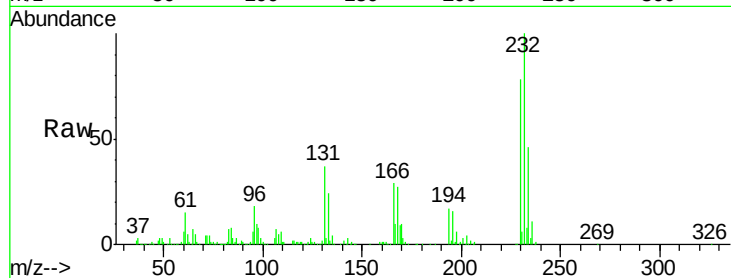




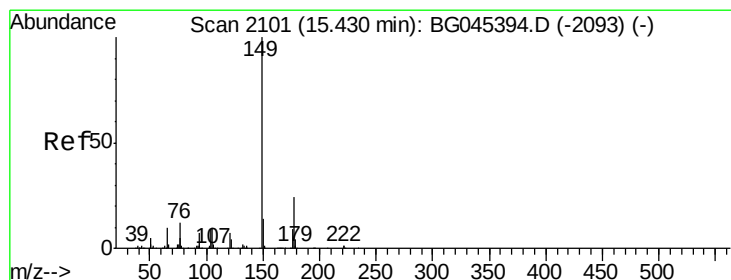
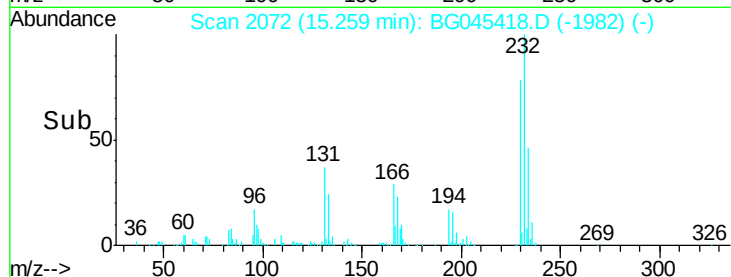
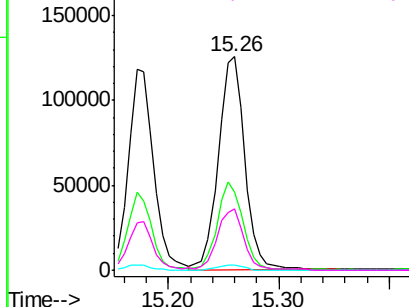
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.425 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	208966
Ion	Ratio	Lower	Upper
232	100		
131	40.0	33.7	50.5
130	2.6	2.1	3.1
166	28.0	23.2	34.8

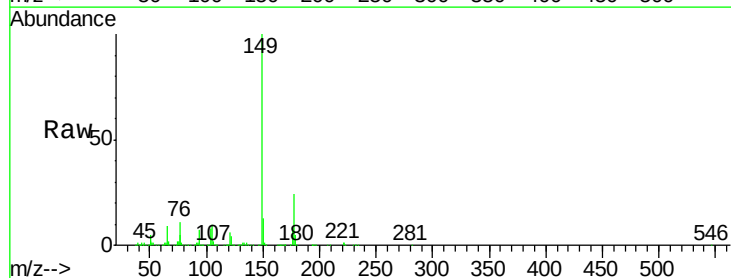


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

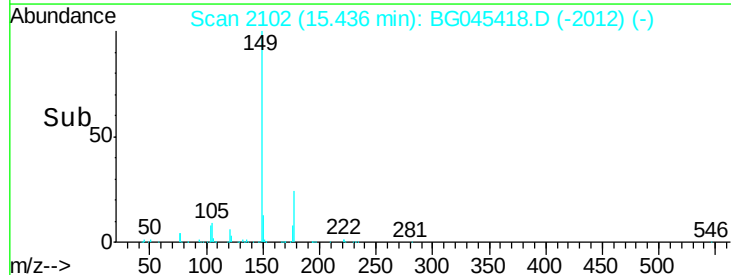
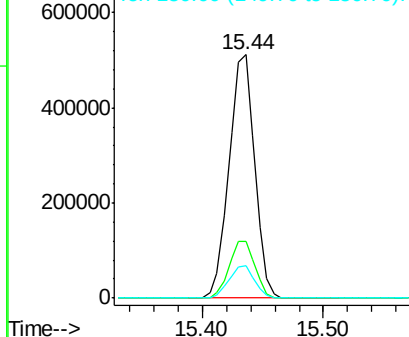


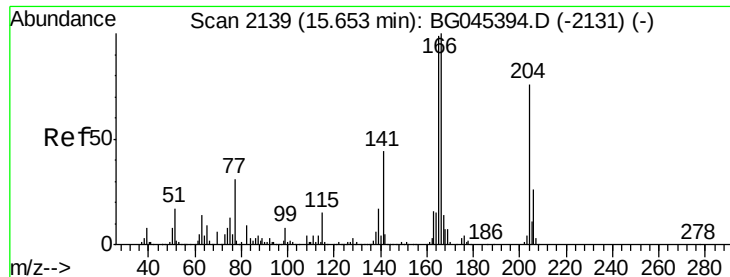
#60
 Diethylphthalate
 Concen: 46.736 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion:	149	Resp:	753753
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	13.3	11.4	17.0



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

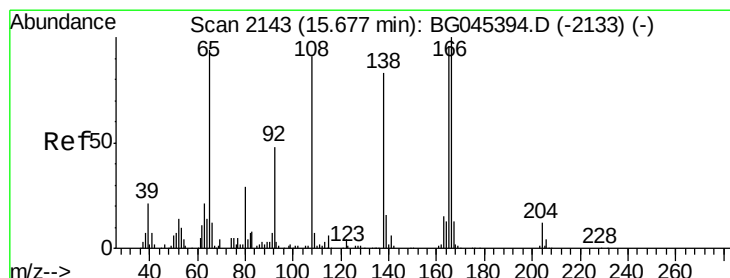
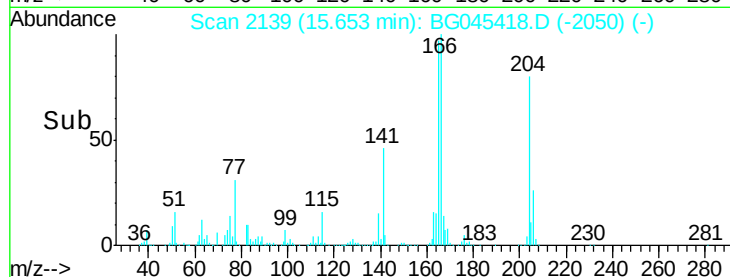
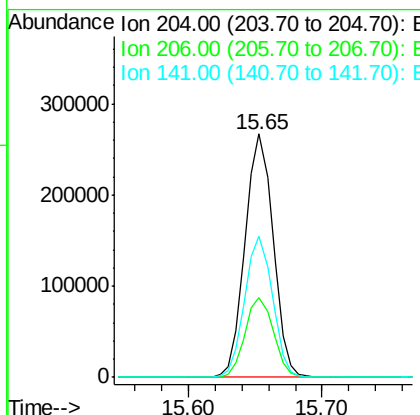
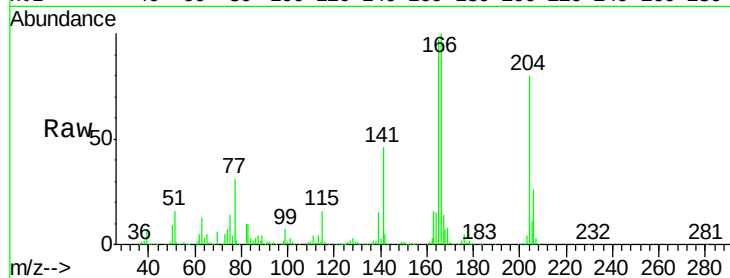




#61
 4-Chlorophenyl-phenylether
 Concen: 45.723 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

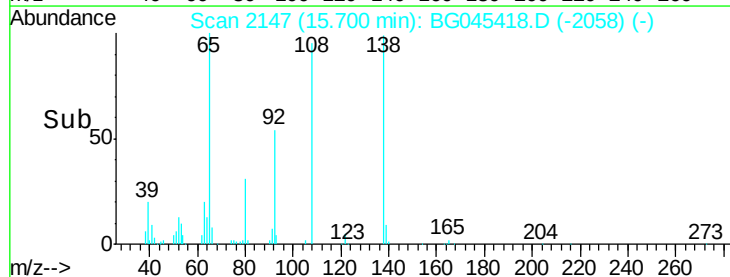
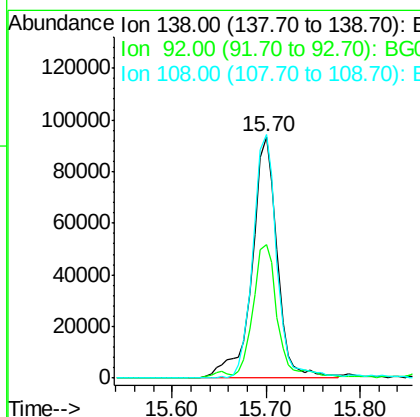
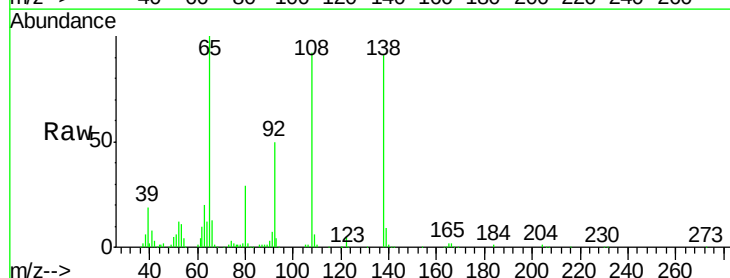
Instrument :
 BNA_G
 ClientSampleId :

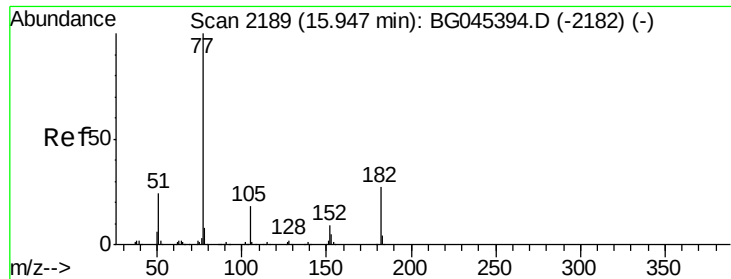
Tot Ion:204 Resp: 386821
 Ion Ratio Lower Upper
 204 100
 206 32.6 27.3 40.9
 141 58.3 45.9 68.9



#62
 4-Nitroaniline
 Concen: 46.686 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG045418.D
 Acq: 18 May 2020 18:28

Tgt Ion:138 Resp: 173233
 Ion Ratio Lower Upper
 138 100
 92 55.2 38.0 78.0
 108 100.7 89.3 129.3





#63

Azobenzene

Concen: 47.202 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 709850

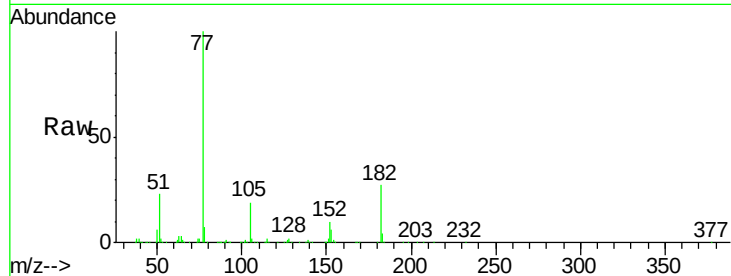
Ion Ratio Lower Upper

77 100

182 27.4 6.5 46.5

105 19.3 0.0 37.9

51 23.0 4.1 44.1

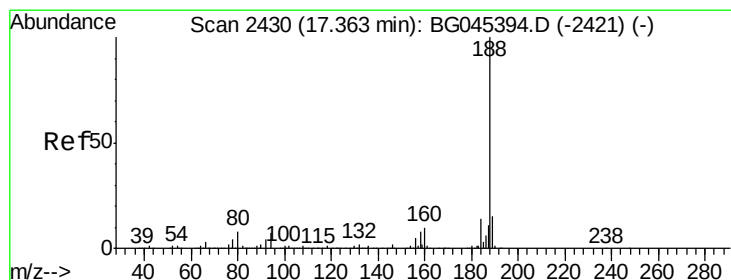
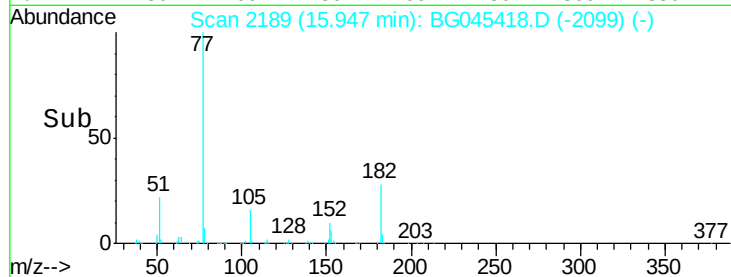
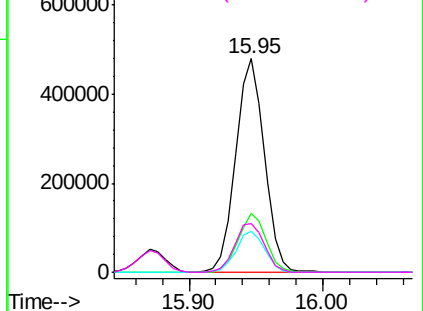


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2430

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

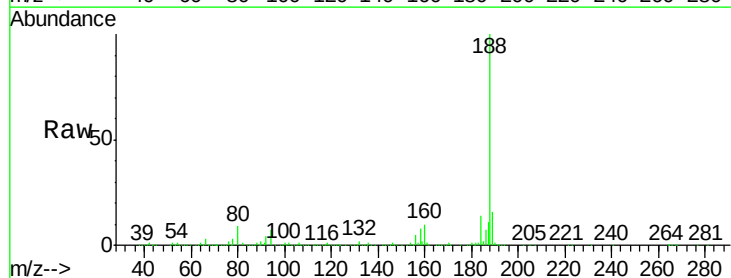
Tgt Ion: 188 Resp: 554072

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

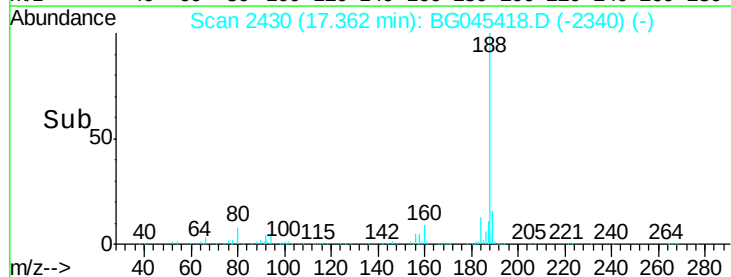
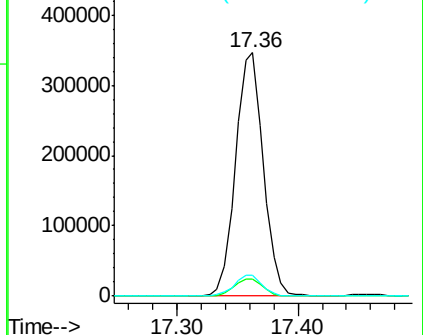
80 8.7 6.6 10.0

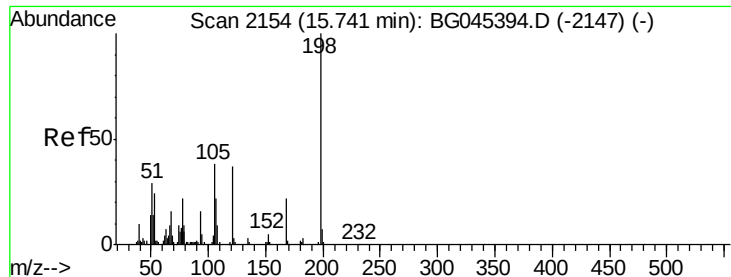


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.301 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampled :

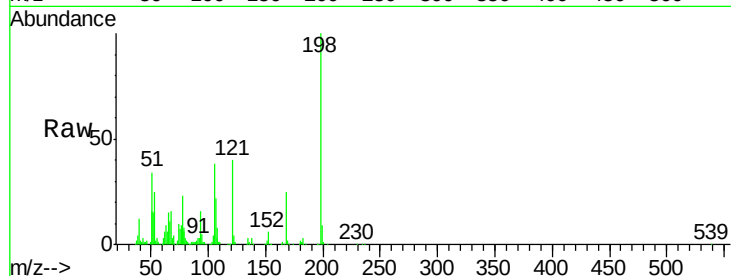
Tot Ion:198 Resp: 146182

Ion Ratio Lower Upper

198 100

51 33.6 10.0 50.0

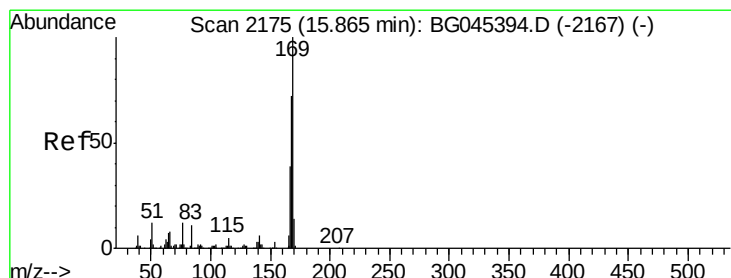
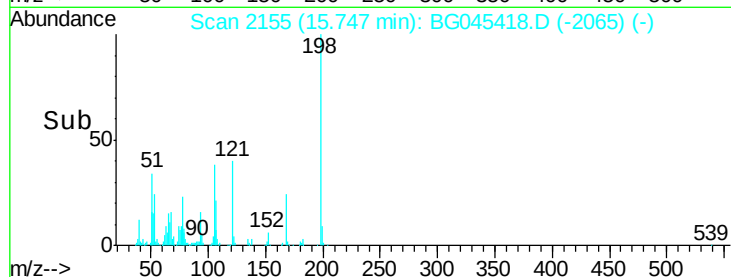
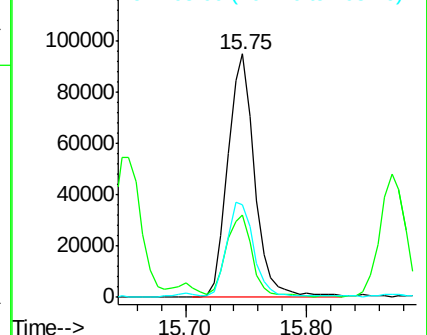
105 38.2 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.782 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

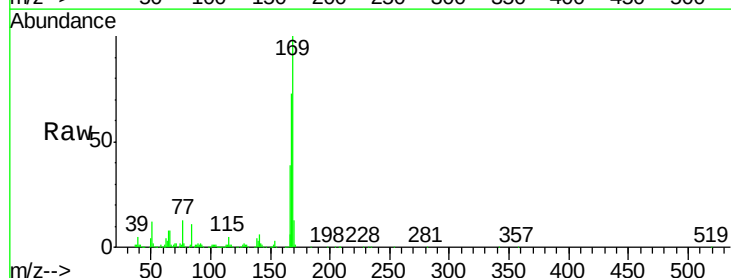
Tgt Ion:169 Resp: 635654

Ion Ratio Lower Upper

169 100

168 72.8 57.8 86.6

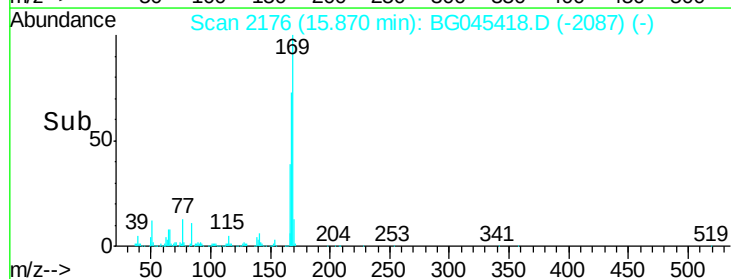
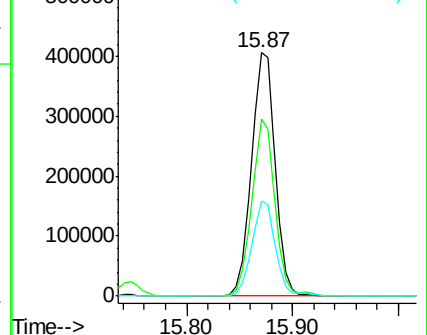
167 39.3 31.5 47.3

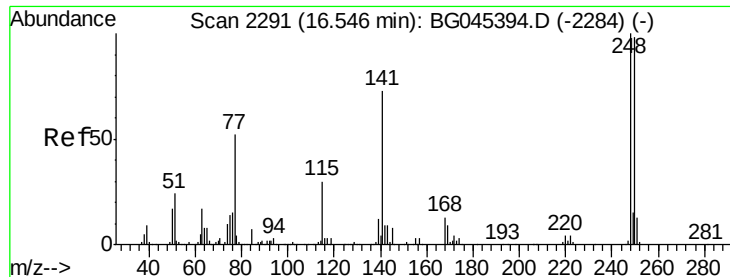


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

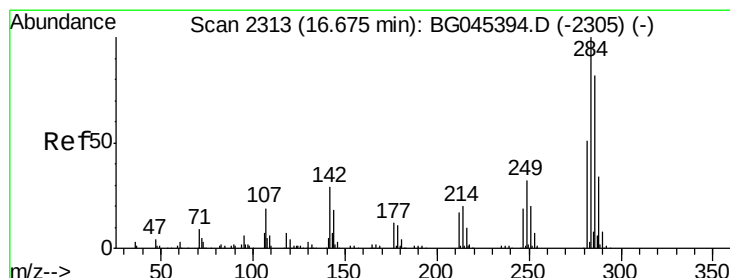
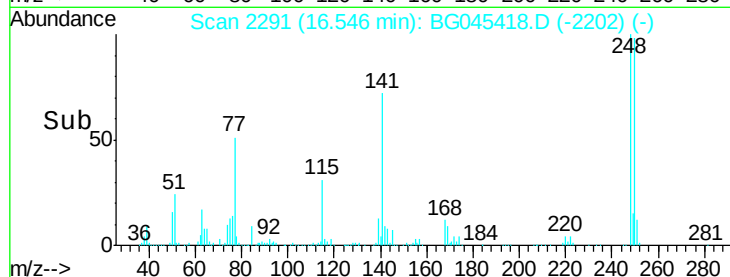
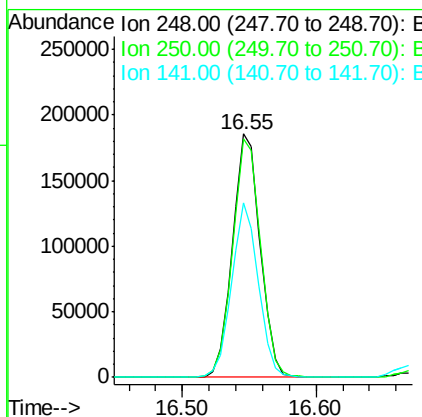
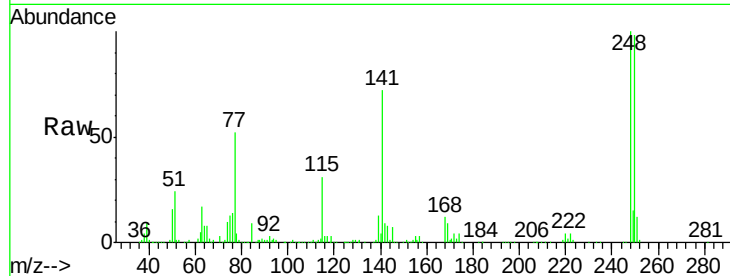




#67
4-Bromophenyl-phenylether
Concen: 44.665 ng
RT: 16.55 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

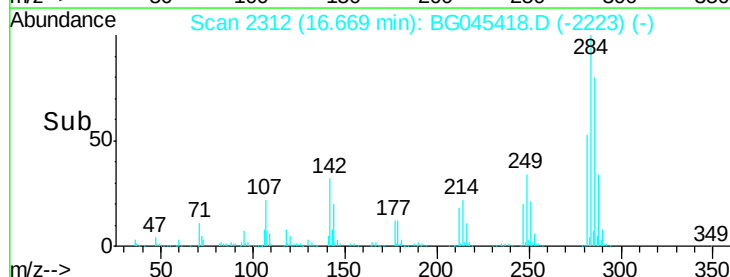
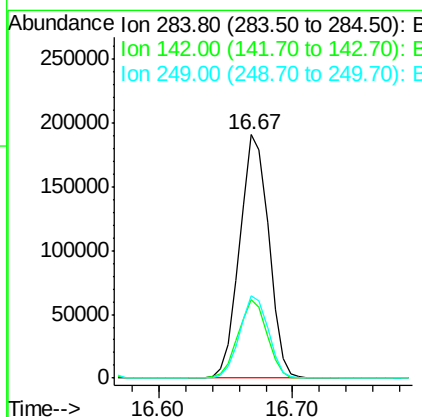
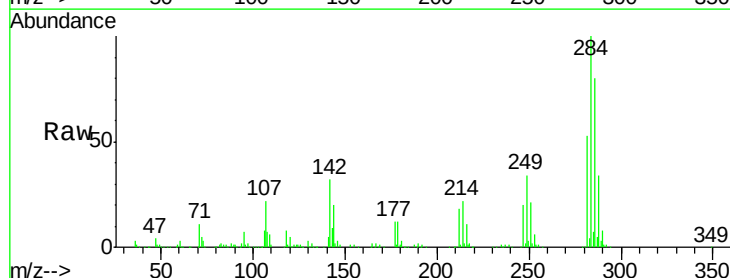
Instrument :
BNA_G
ClientSampled :

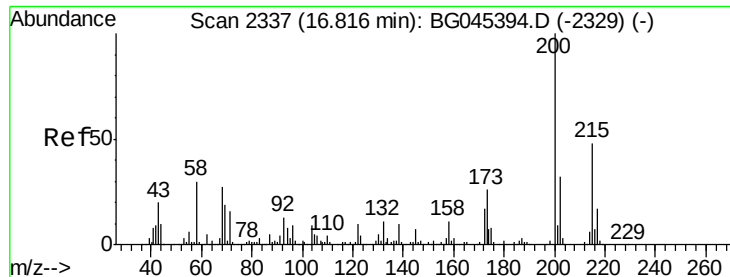
Tot Ion:248 Resp: 267977
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 71.7 58.2 87.2



#68
Hexachlorobenzene
Concen: 45.757 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:284 Resp: 287134
Ion Ratio Lower Upper
284 100
142 32.3 23.0 34.6
249 34.0 25.8 38.6





#69

Atrazine

Concen: 44.346 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampled :

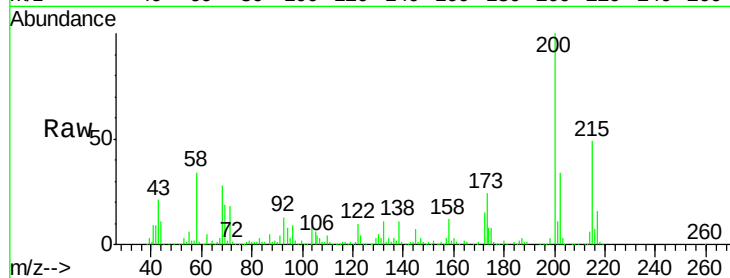
Tot Ion:200 Resp: 242993

Ion Ratio Lower Upper

200 100

173 24.5 5.5 45.5

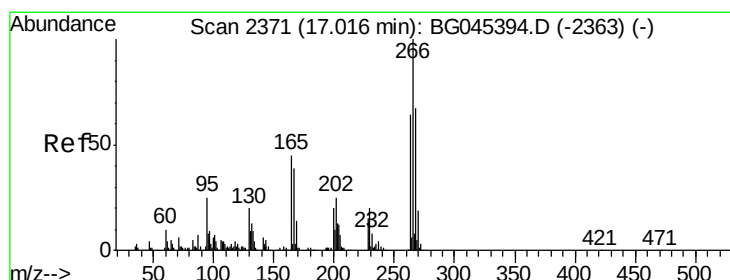
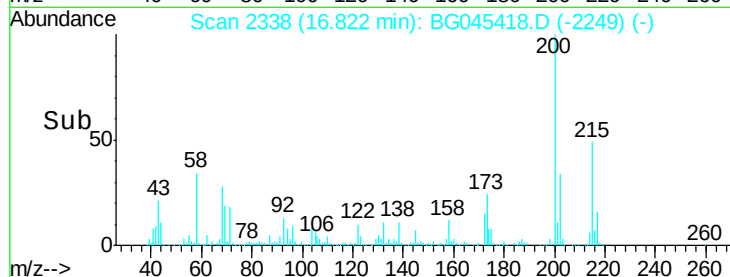
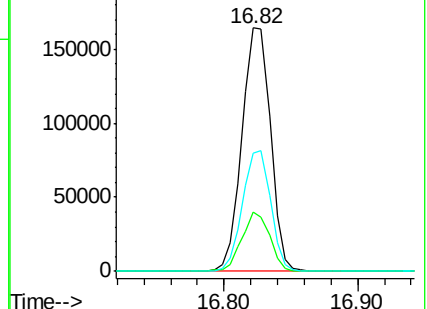
215 48.7 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.917 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

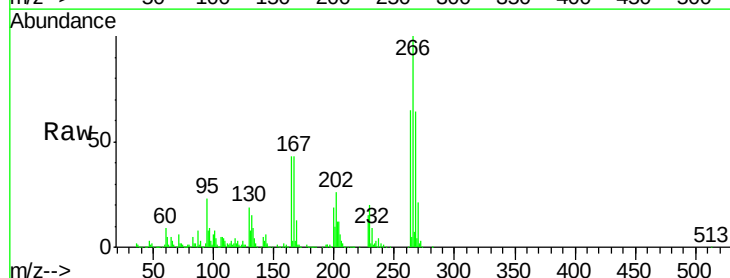
Tgt Ion:266 Resp: 273430

Ion Ratio Lower Upper

266 100

268 63.9 53.2 79.8

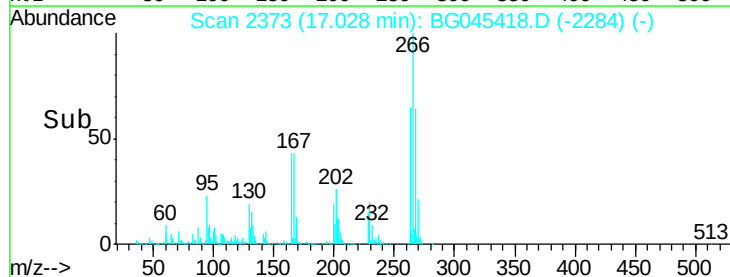
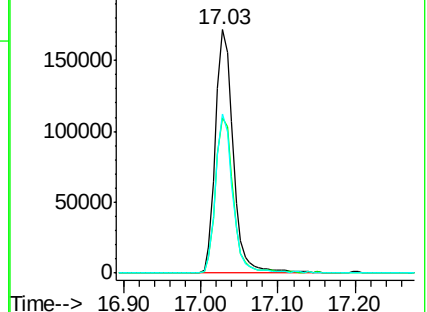
264 65.2 51.0 76.4

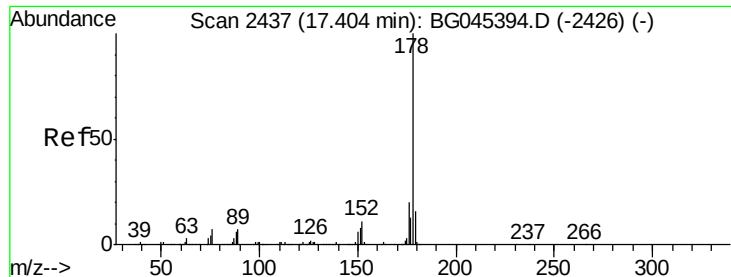


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.217 ng

RT: 17.40 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

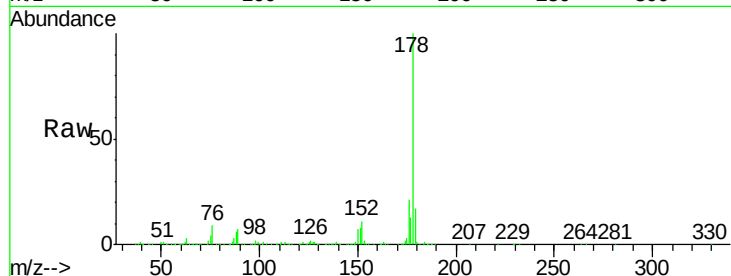
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1142106

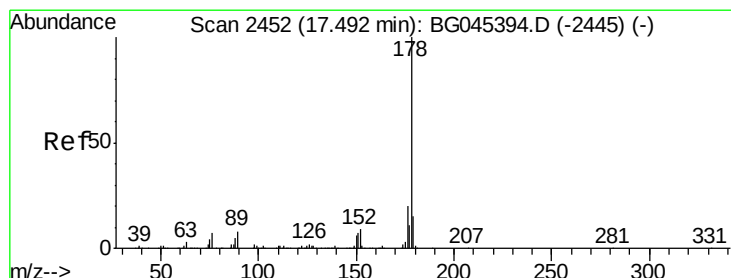
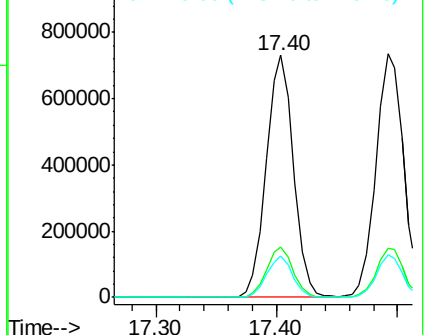
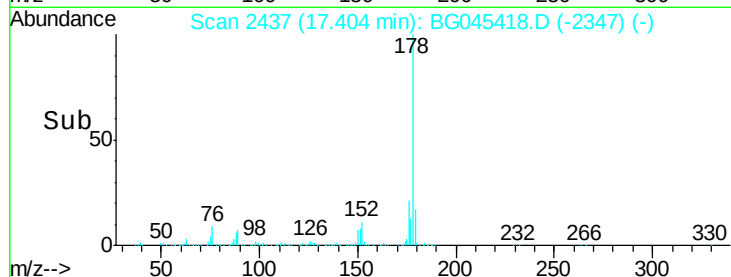
Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	17.3	13.1	19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.275 ng

RT: 17.49 min Scan# 2452

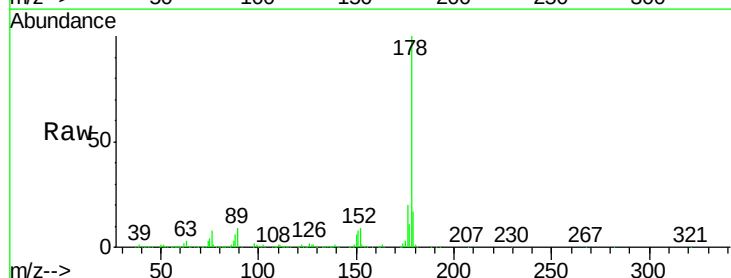
Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:178 Resp: 1172627

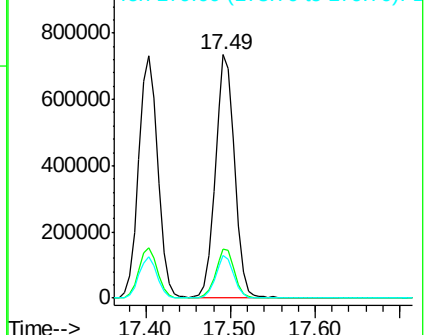
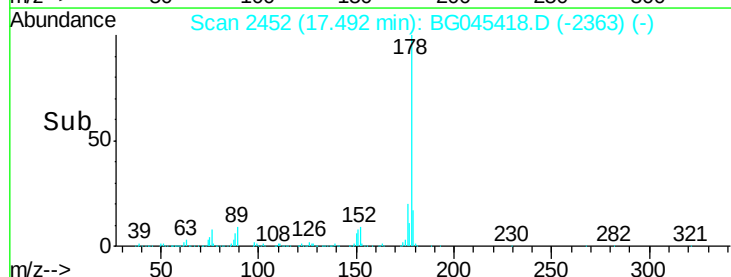
Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.6
179	17.3	12.2	18.4

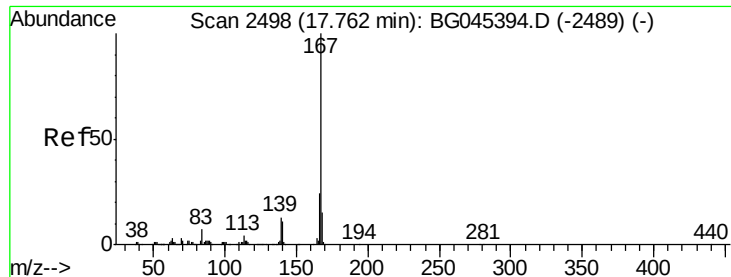


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.007 ng

RT: 17.77 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

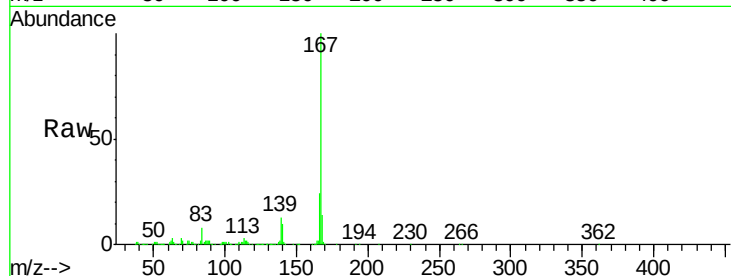
Tot Ion:167 Resp: 1089340

Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.2	28.8
139	13.5	10.6	16.0

167 100

166 24.1 19.2 28.8

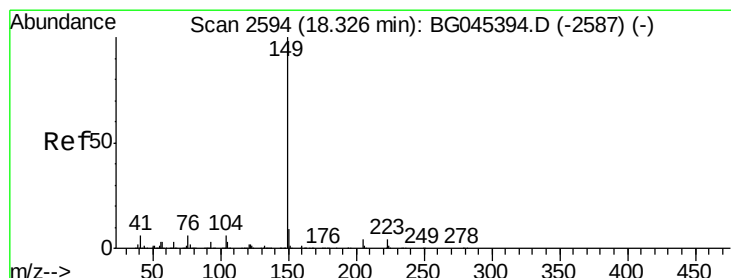
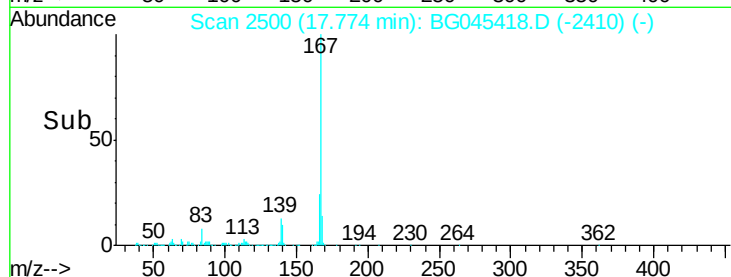
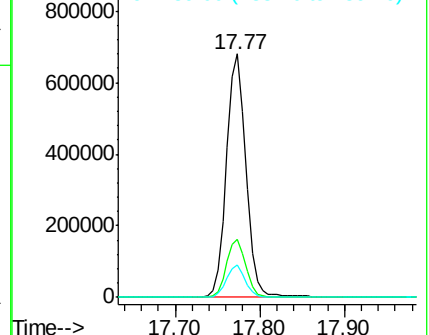
139 13.5 10.6 16.0



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: 45.335 ng

RT: 18.33 min Scan# 2594

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

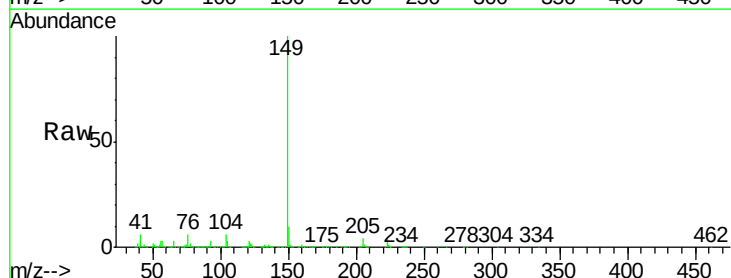
Tgt Ion:149 Resp: 1288366

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.2	5.0	7.4

149 100

150 10.1 7.6 11.4

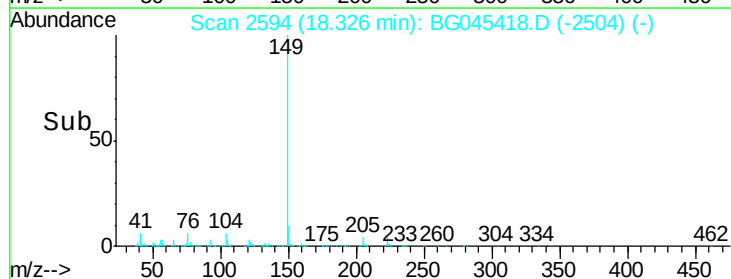
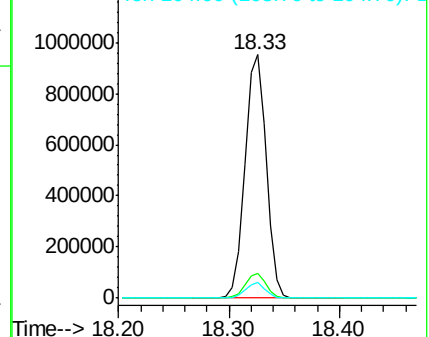
104 6.2 5.0 7.4

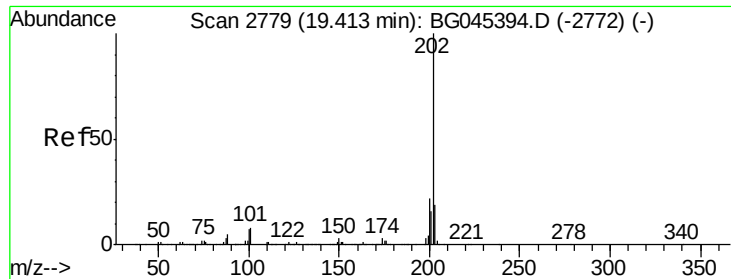


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.438 ng

RT: 19.41 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

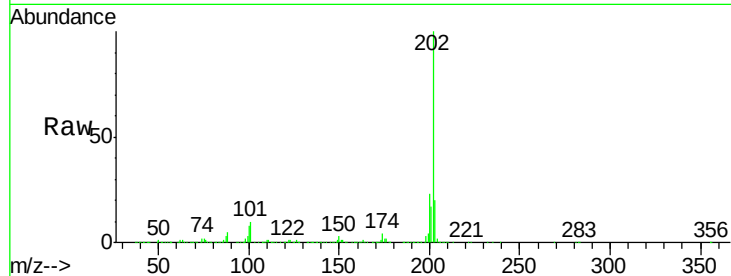
Tot Ion:202 Resp: 1397954

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.3

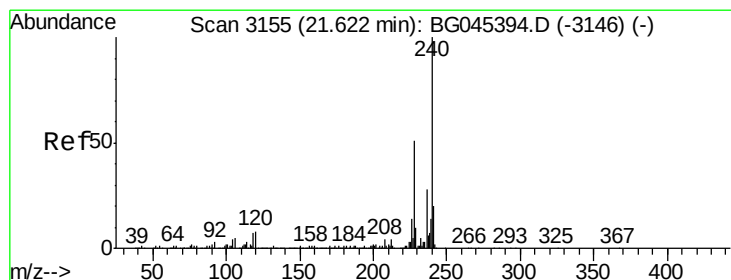
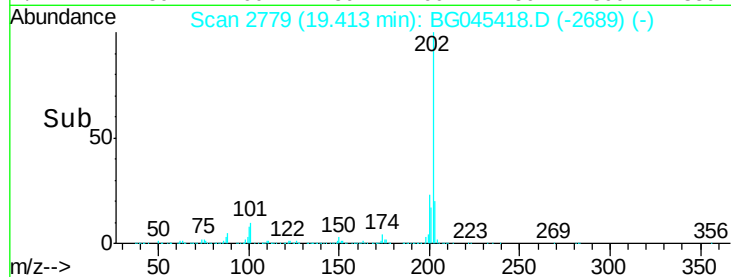
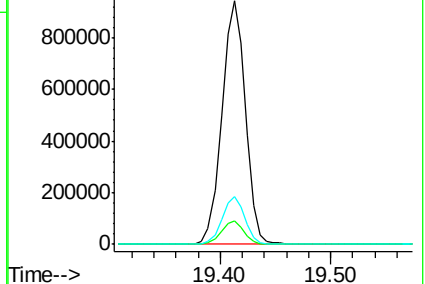
203 19.9 0.0 39.0



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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

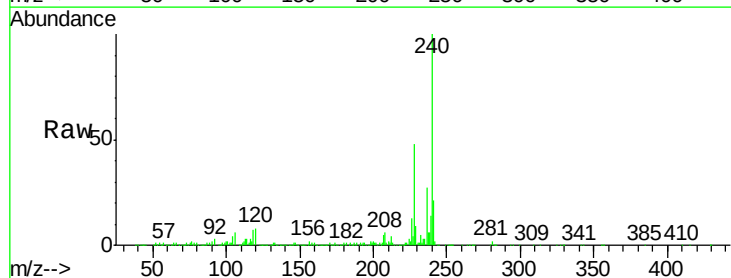
Tgt Ion:240 Resp: 497139

Ion Ratio Lower Upper

240 100

120 8.1 6.1 9.1

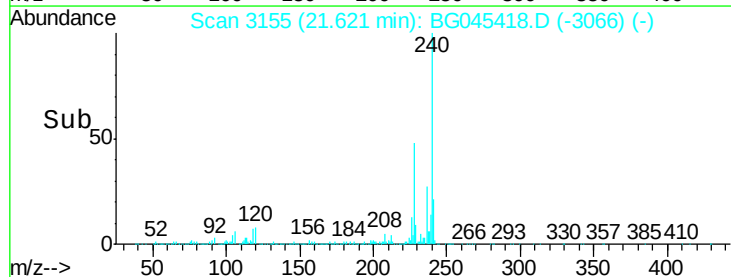
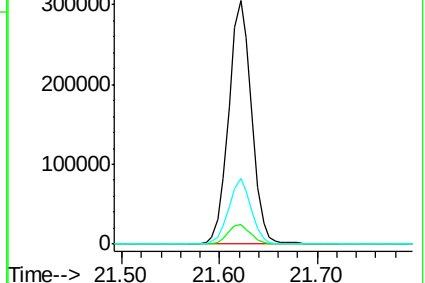
236 27.1 22.3 33.5

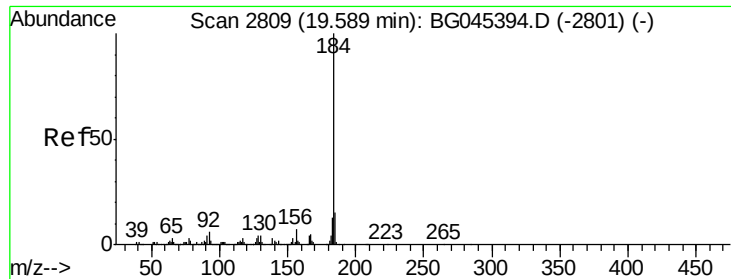


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.467 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

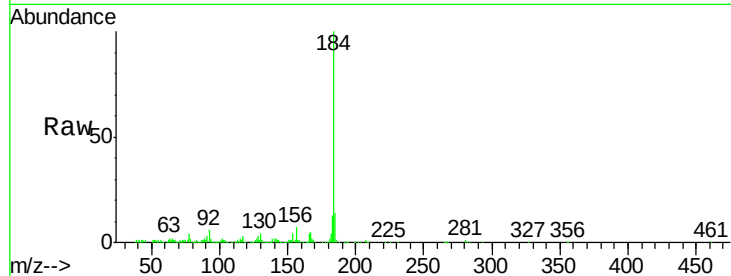
Tot Ion:184 Resp: 285763

Ion Ratio Lower Upper

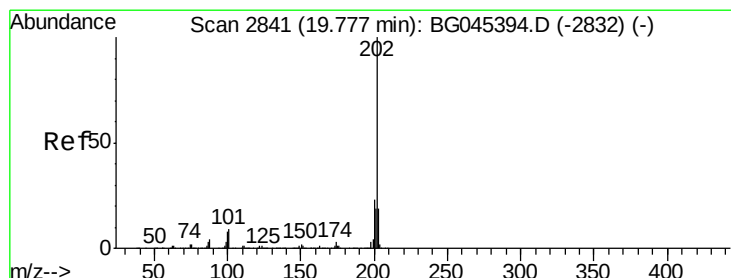
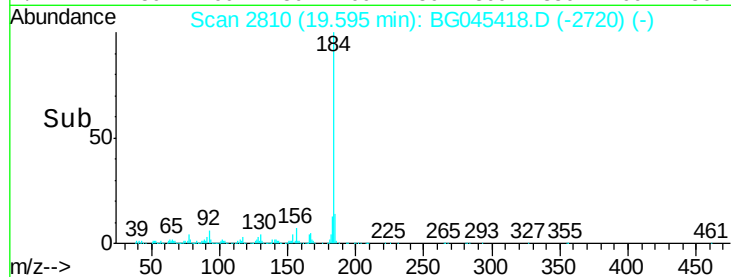
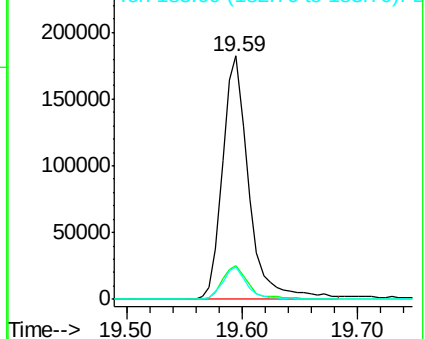
184 100

185 13.7 11.7 17.5

183 13.3 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: 49.149 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

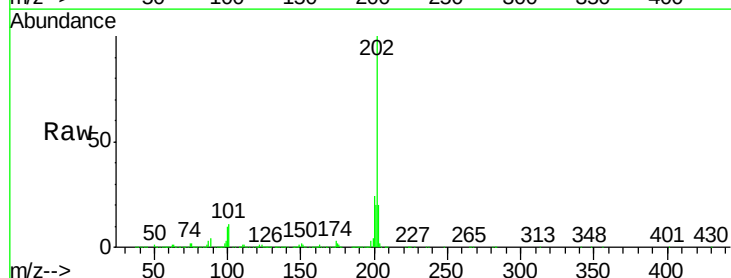
Tgt Ion:202 Resp: 1392843

Ion Ratio Lower Upper

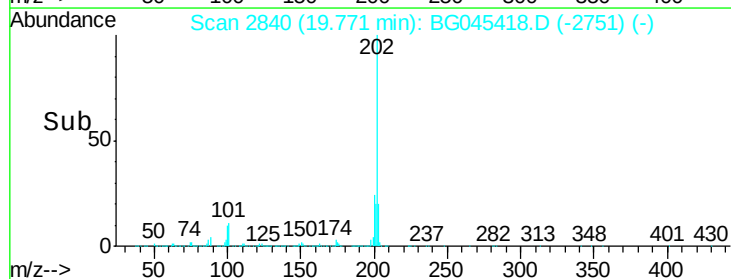
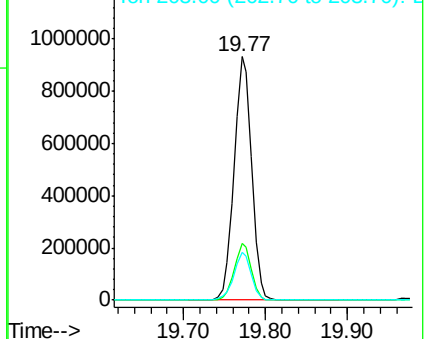
202 100

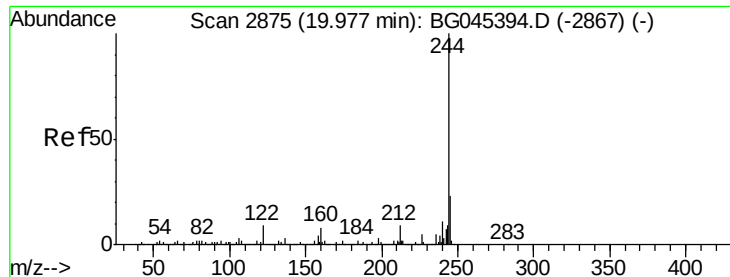
200 23.5 18.2 27.2

203 19.6 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: 98.074 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

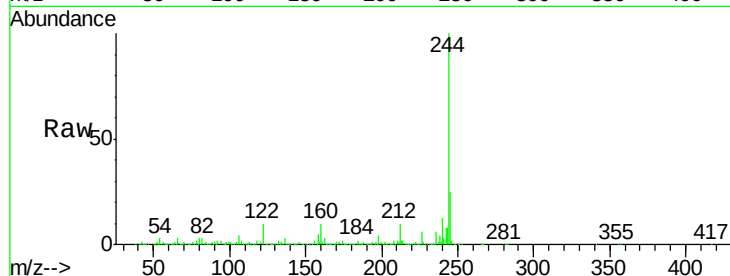
Tot Ion:244 Resp: 2090477

Ion Ratio Lower Upper

244 100

212 10.1 7.4 11.0

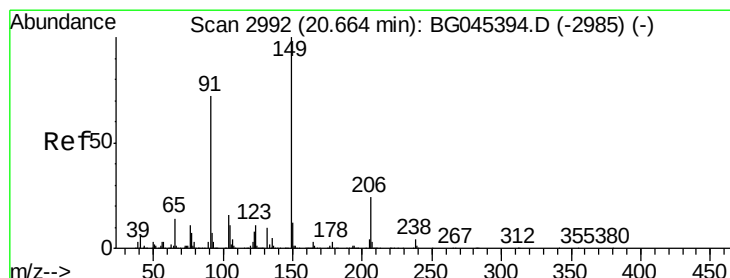
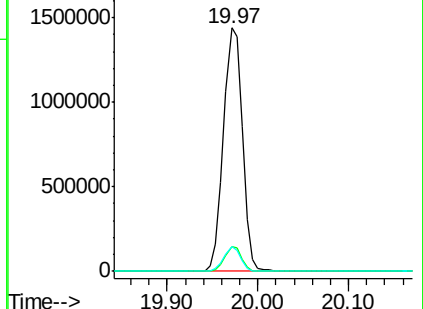
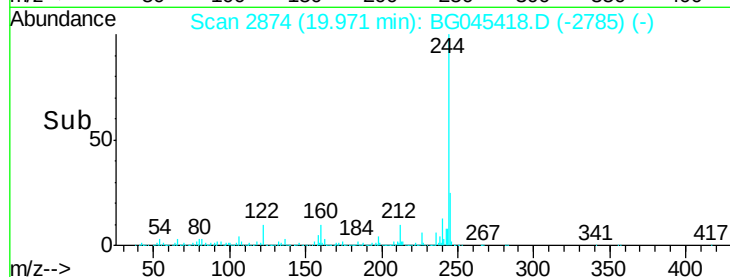
122 10.2 6.8 10.2#



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: 46.603 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

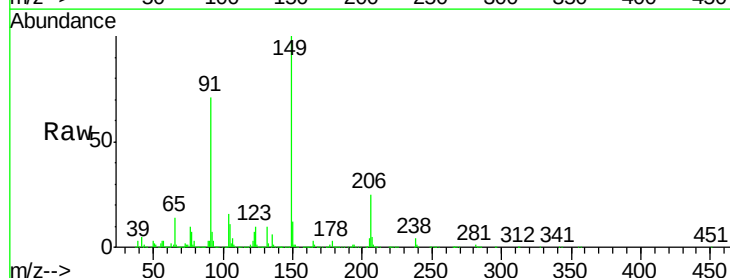
Tgt Ion:149 Resp: 570051

Ion Ratio Lower Upper

149 100

91 71.4 57.8 86.6

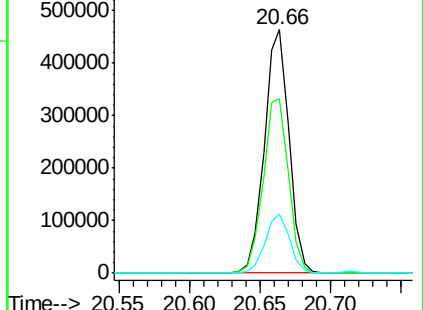
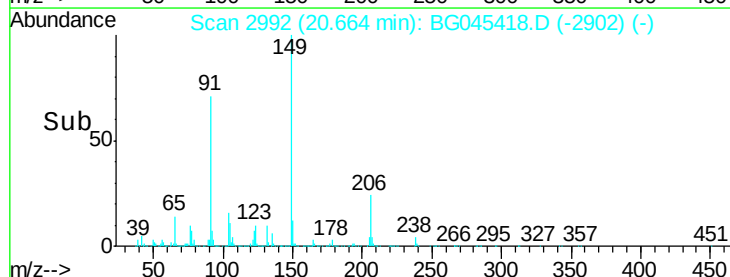
206 24.5 19.1 28.7

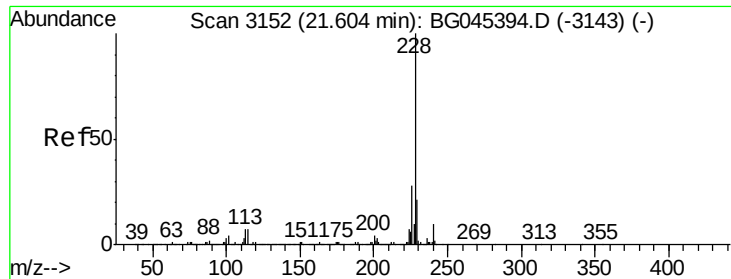


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

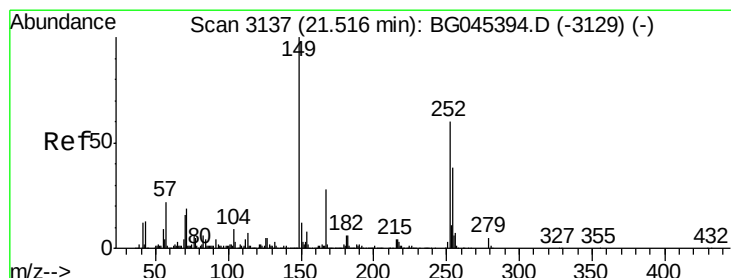
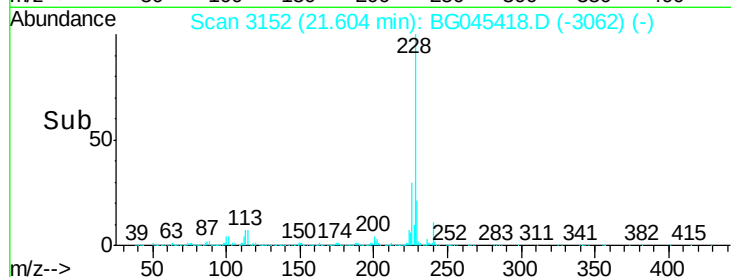
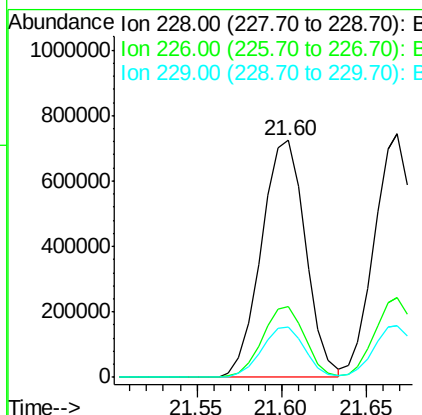
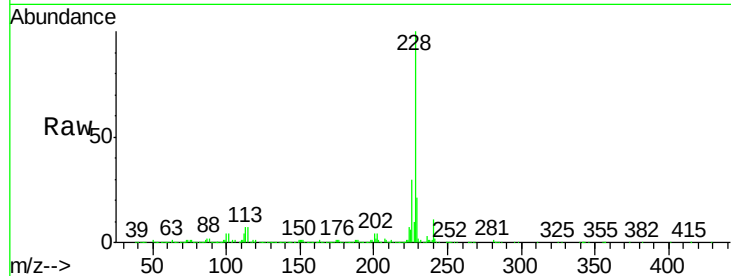




#81
Benzo(a)anthracene
Concen: 47.064 ng
RT: 21.60 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

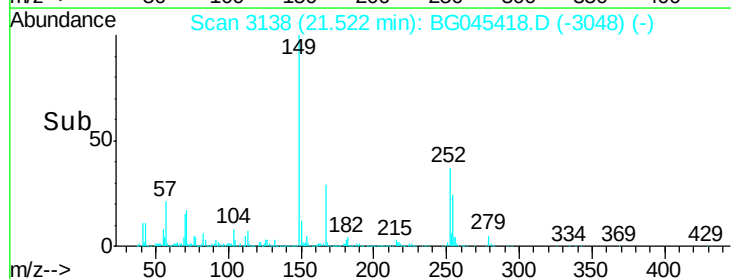
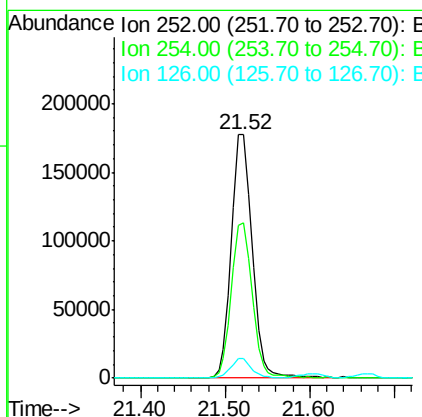
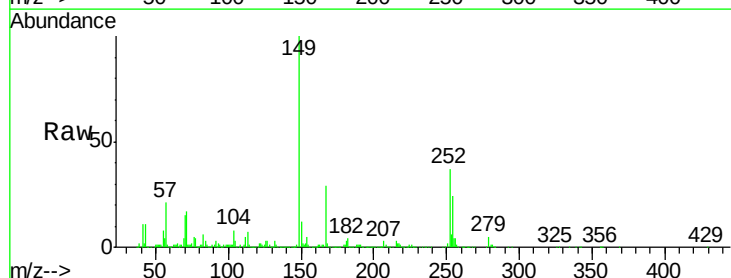
Instrument :
BNA_G
ClientSampled :

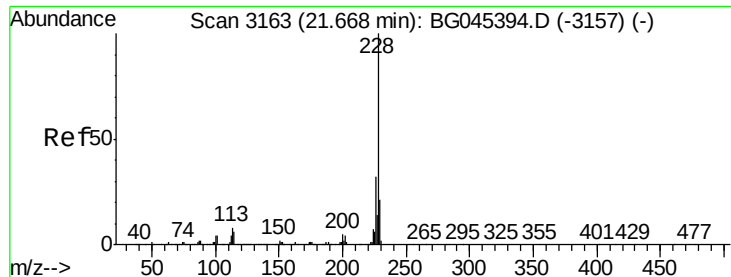
Tot Ion:228 Resp: 1303384
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 21.4 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 27.882 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:252 Resp: 302889
Ion Ratio Lower Upper
252 100
254 64.0 51.3 76.9
126 7.8 6.6 10.0





#83

Chrysene

Concen: 46.116 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

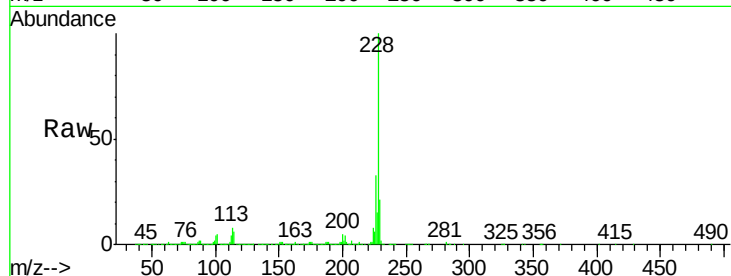
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1228006

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.2	37.8
229	21.4	16.7	25.1

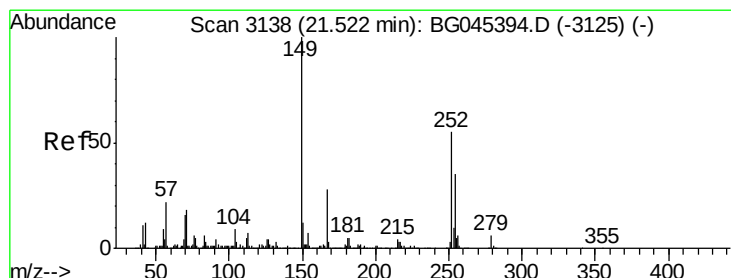
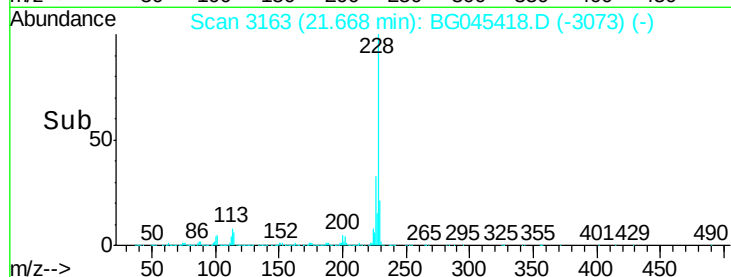
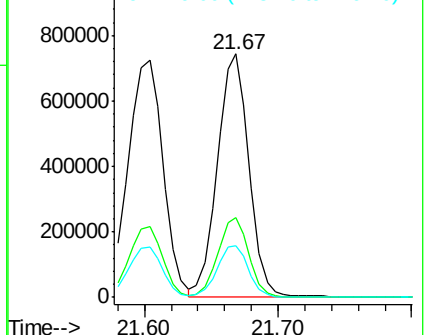


Abundance

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: 46.513 ng

RT: 21.52 min Scan# 3137

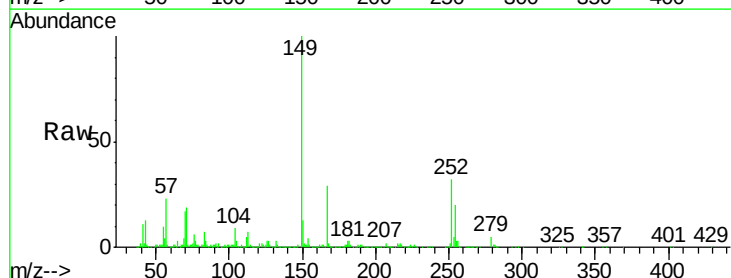
Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Tgt Ion:149 Resp: 782100

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	4.9	4.7	7.1

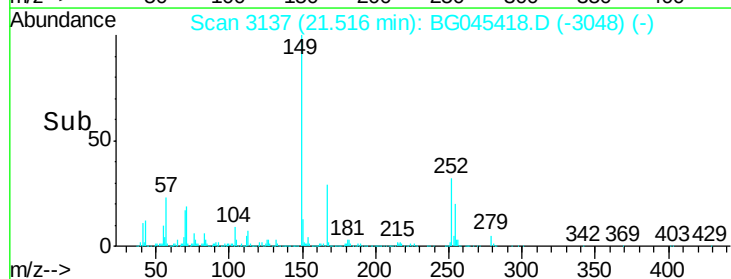
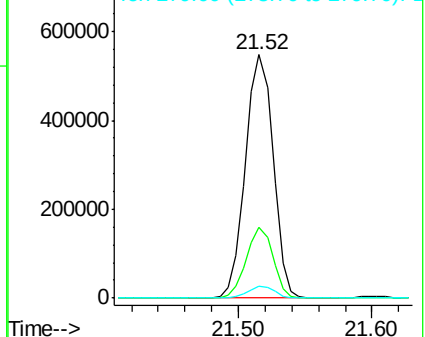


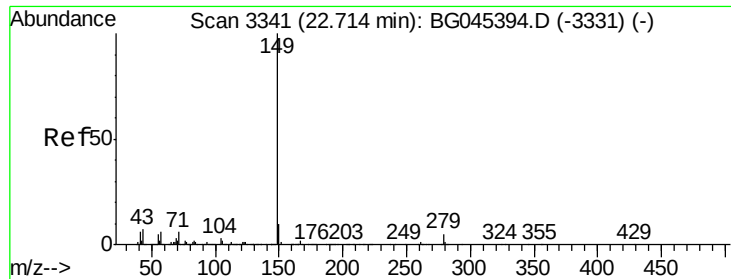
Abundance

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

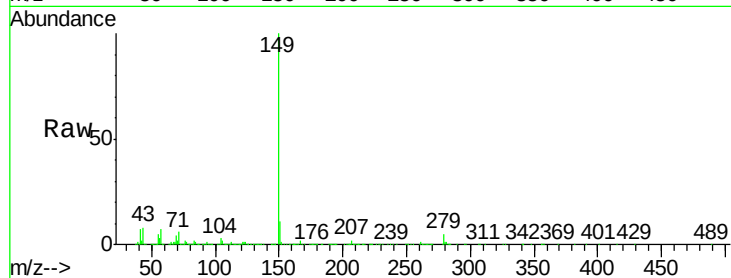




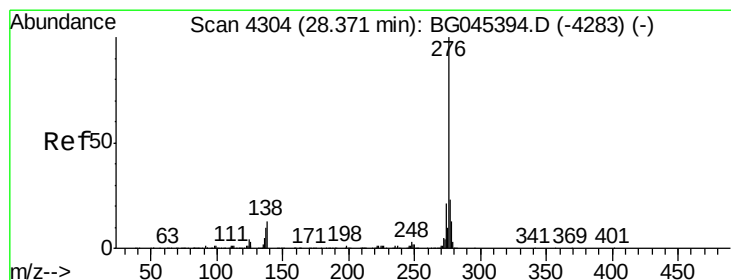
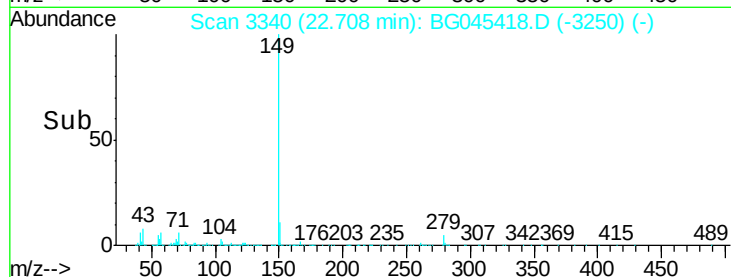
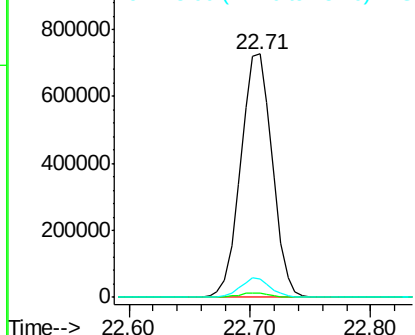
#85
Di-n-octyl phthalate
Concen: 45.897 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 1325466
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.5 5.8 8.8

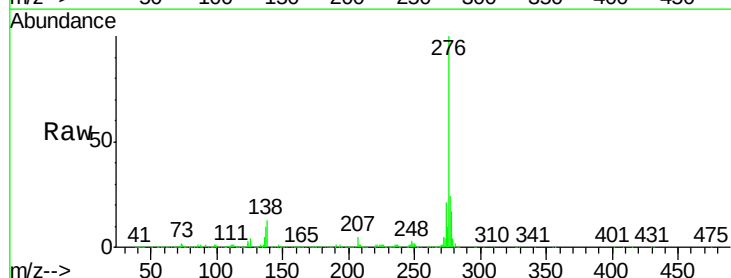


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

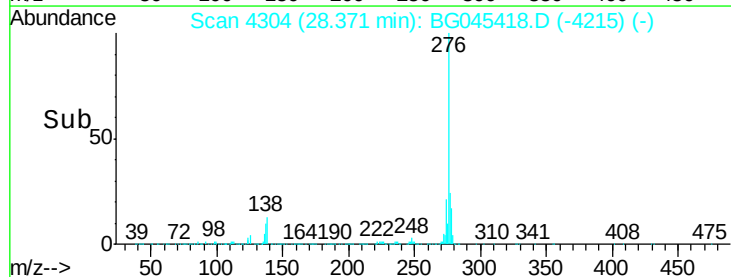
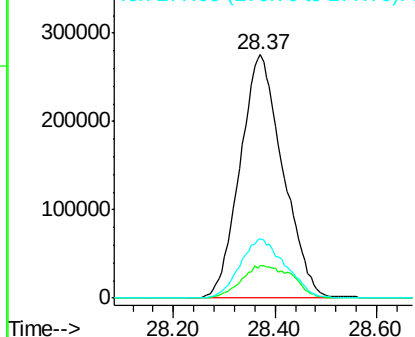


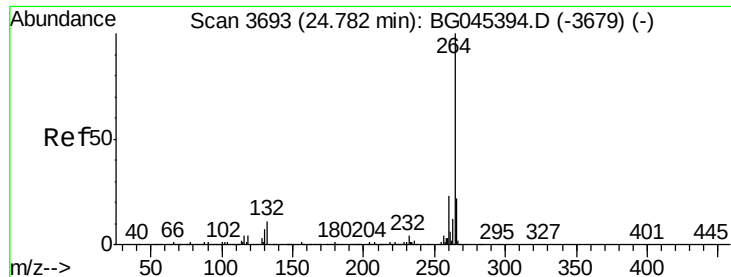
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.372 ng
RT: 28.37 min Scan# 4304
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:276 Resp: 1614748
Ion Ratio Lower Upper
276 100
138 15.9 8.6 12.8#
277 25.7 20.2 30.4



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: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

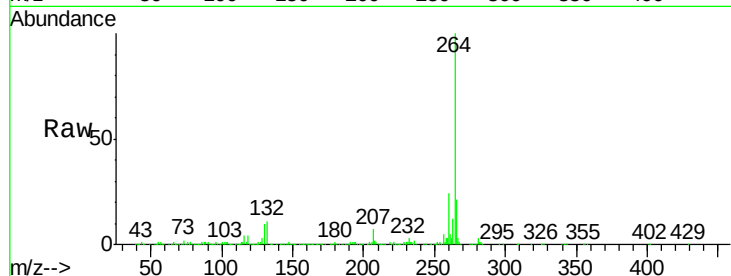
Tot Ion:264 Resp: 540990

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

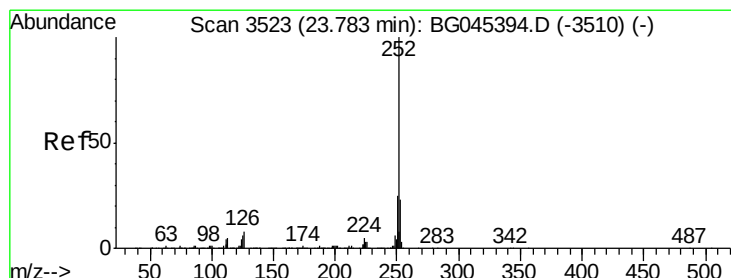
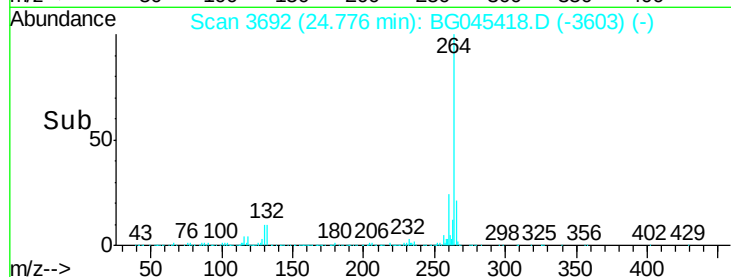
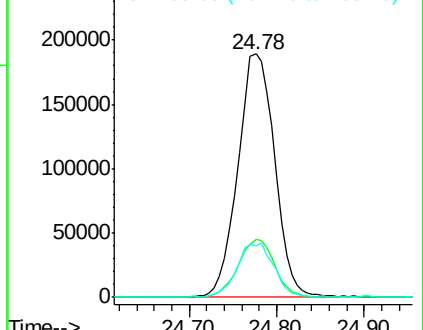
265 21.3 17.6 26.4



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: 47.424 ng

RT: 23.78 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

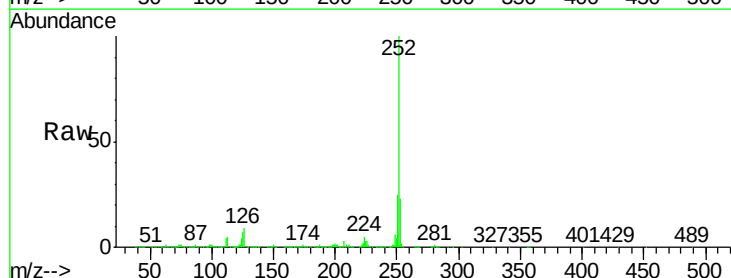
Tgt Ion:252 Resp: 1375957

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

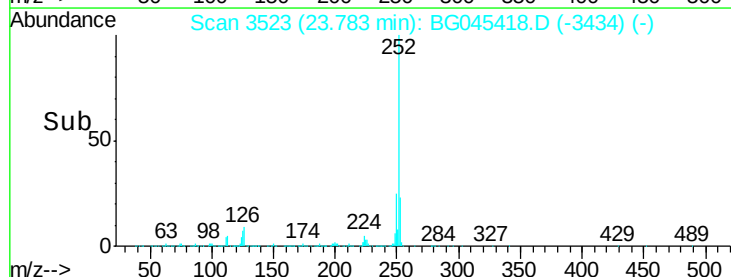
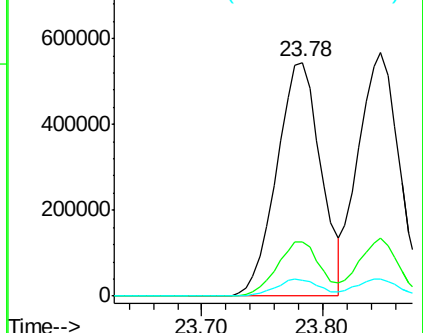
125 6.9 5.0 7.6

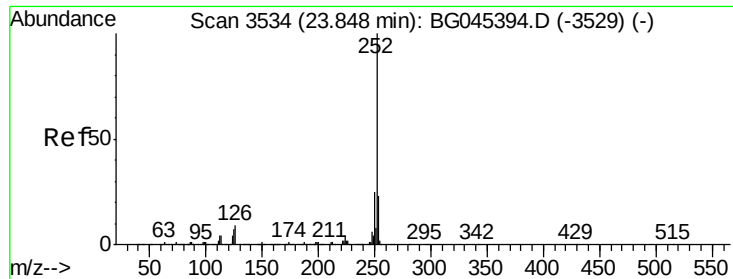


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.870 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

Instrument :

BNA_G

ClientSampleId :

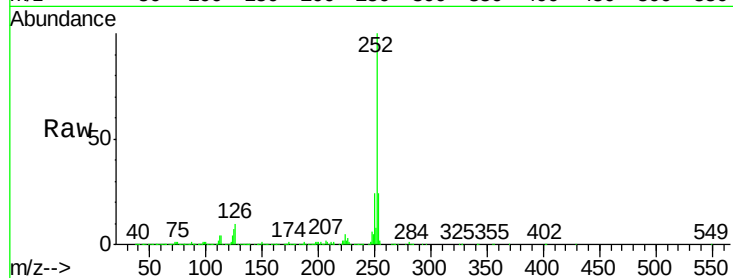
Tot Ion:252 Resp: 1332111

Ion Ratio Lower Upper

252 100

253 24.0 18.4 27.6

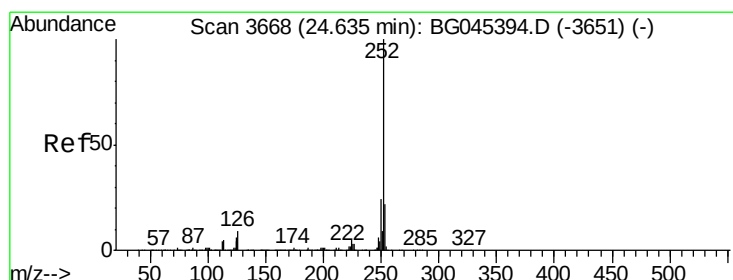
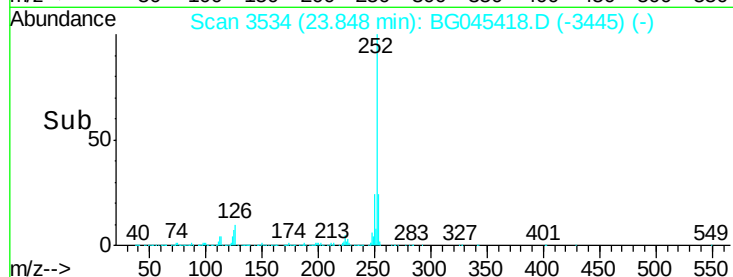
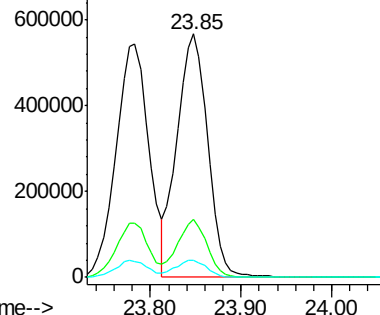
125 7.2 5.7 8.5



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: 46.607 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG045418.D

Acq: 18 May 2020 18:28

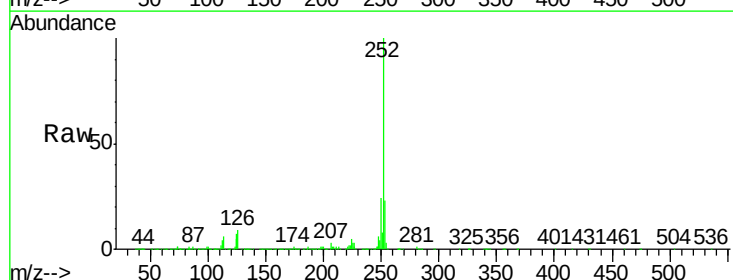
Tgt Ion:252 Resp: 1259378

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

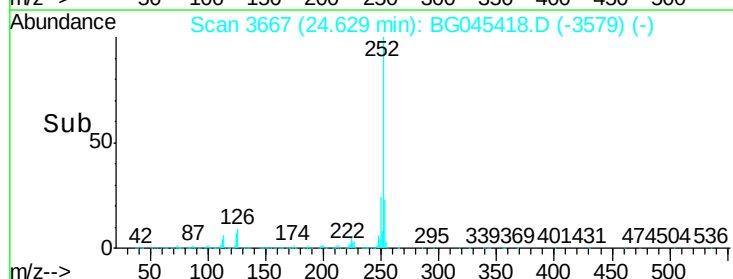
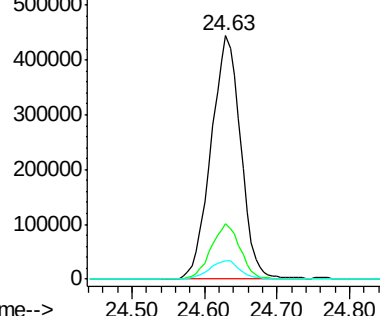
125 7.3 5.0 7.6

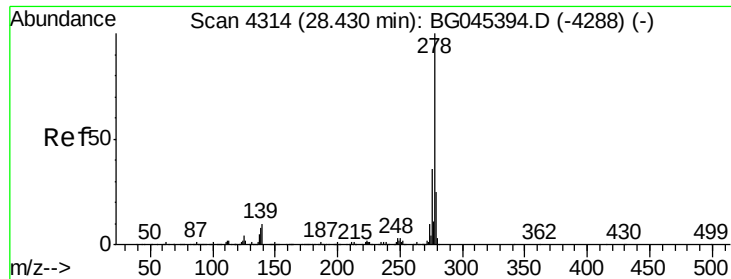


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

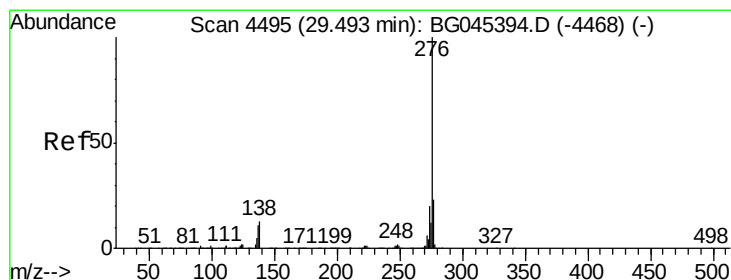
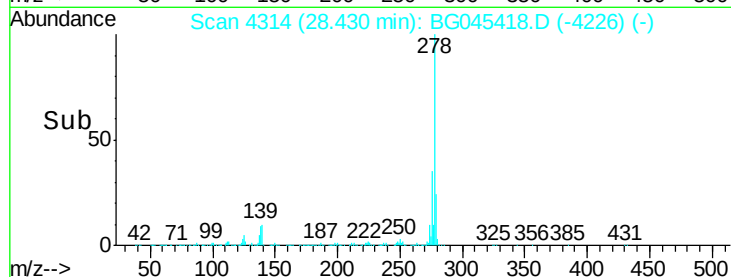
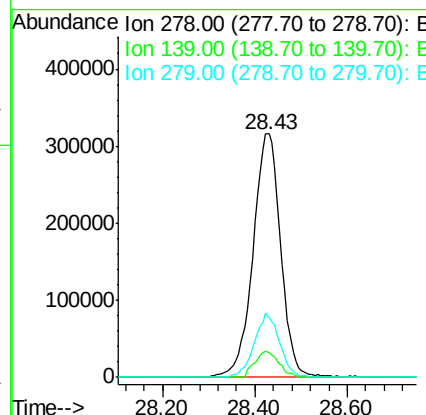
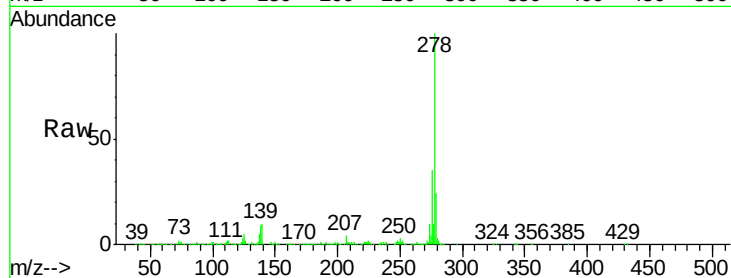




#91
Dibenzo(a,h)anthracene
Concen: 48.404 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1314345
Ion Ratio Lower Upper
278 100
139 10.0 7.8 11.8
279 24.2 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 49.265 ng
RT: 29.48 min Scan# 4493
Delta R.T. -0.01 min
Lab File: BG045418.D
Acq: 18 May 2020 18:28

Tgt Ion:276 Resp: 1337917
Ion Ratio Lower Upper
276 100
277 24.3 18.1 27.1
138 13.3 10.2 15.4

