

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045482.D
 Acq On : 27 May 2020 18:56
 Operator : CG/JU
 Sample : L2745-20MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 28 00:42:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	91275	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	377170	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	274249	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	598789	20.00	ng	0.00
76) Chrysene-d12	21.61	240	518479	20.00	ng	0.00
87) Perylene-d12	24.76	264	575972	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	499197	106.88	ng	0.00
7) Phenol-d6	7.18	99	725598	109.15	ng	0.00
23) Nitrobenzene-d5	9.12	82	475872	68.80	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	366454	104.48	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1125366	69.60	ng	0.00
79) Terphenyl-d14	19.96	244	1674517	75.33	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	82985	35.831 ng	97
3) Pyridine	3.80	79	187679	29.096 ng	98
4) n-Nitrosodimethylamine	3.72	42	88895	42.116 ng	92
6) Aniline	7.29	93	128515	14.810 ng	97
8) 2-Chlorophenol	7.54	128	257571	50.290 ng	99
9) Benzaldehyde	7.09	77	164517	37.986 ng	96
10) Phenol	7.21	94	336013	49.045 ng	98
11) bis(2-Chloroethyl)ether	7.38	93	232274	43.465 ng	96
12) 1,3-Dichlorobenzene	7.85	146	274006	44.518 ng	100
13) 1,4-Dichlorobenzene	7.99	146	274417	45.179 ng	97
14) 1,2-Dichlorobenzene	8.32	146	262349	44.907 ng	97
15) Benzyl Alcohol	8.21	79	257382	46.870 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	212301	41.853 ng	98
17) 2-Methylphenol	8.44	107	236822	46.182 ng	96
18) Hexachloroethane	9.04	117	108229	46.523 ng	99
19) n-Nitroso-di-n-propylamine	8.77	70	206687	44.963 ng	99
20) 3+4-Methylphenols	8.77	107	307882	44.090 ng	# 63
22) Acetophenone	8.78	105	386661	43.254 ng	# 92
24) Nitrobenzene	9.16	77	318682	43.005 ng	99
25) Isophorone	9.69	82	577689	42.411 ng	97
26) 2-Nitrophenol	9.88	139	149758	47.242 ng	94
27) 2,4-Dimethylphenol	9.97	122	245702	52.259 ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	323054	45.224 ng	96
29) 2,4-Dichlorophenol	10.44	162	273678	49.293 ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	301154	45.904 ng	99
31) Naphthalene	10.82	128	795115	45.239 ng	99
32) Benzoic acid	10.16	122	178873	54.281 ng	89
33) 4-Chloroaniline	10.94	127	61387	8.356 ng	96
34) Hexachlorobutadiene	11.11	225	210569	45.406 ng	98
35) Caprolactam	11.70	113	55967	27.463 ng	97
36) 4-Chloro-3-methylphenol	12.10	107	306175	48.939 ng	98
37) 2-Methylnaphthalene	12.43	142	602590	45.999 ng	97
38) 1-Methylnaphthalene	12.64	142	571554	46.188 ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	356714	46.567 ng	100

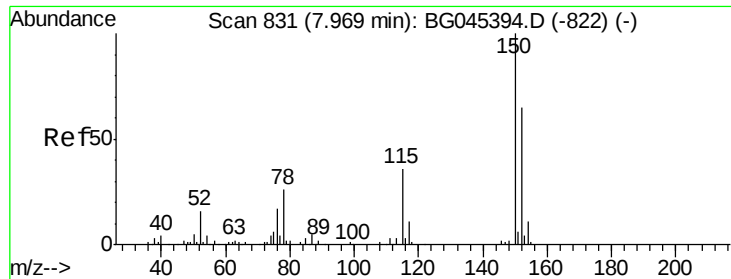
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045482.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	297077	67.192	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	246524	46.328	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	271010	44.568	ng	97
46) 1,1'-Biphenyl	13.44	154	776537	46.082	ng	99
47) 2-Chloronaphthalene	13.48	162	596913	43.621	ng	99
48) 2-Nitroaniline	13.68	65	184293	40.943	ng	89
49) Acenaphthylene	14.33	152	975078	44.362	ng	98
50) Dimethylphthalate	14.06	163	855476	45.472	ng	99
51) 2,6-Dinitrotoluene	14.18	165	178240	41.986	ng	98
52) Acenaphthene	14.67	154	579645	39.397	ng	98
53) 3-Nitroaniline	14.51	138	69900	16.198	ng	99
54) 2,4-Dinitrophenol	14.72	184	175984	64.424	ng	99
55) Dibenzofuran	15.00	168	942142	43.121	ng	96
56) 4-Nitrophenol	14.88	139	285989	87.533	ng	95
57) 2,4-Dinitrotoluene	14.97	165	251680	40.935	ng	97
58) Fluorene	15.65	166	770930	42.949	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	239442	44.758	ng	98
60) Diethylphthalate	15.42	149	793033	40.499	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	430399	41.902	ng	97
62) 4-Nitroaniline	15.68	138	149768	33.244	ng	98
63) Azobenzene	15.94	77	756456	41.430	ng	96
65) 4,6-Dinitro-2-methylphenol	15.73	198	135259	38.786	ng	98
66) n-Nitrosodiphenylamine	15.86	169	680091	47.304	ng	97
67) 4-Bromophenyl-phenylether	16.54	248	299007	46.115	ng	94
68) Hexachlorobenzene	16.66	284	322990	47.627	ng	99
69) Atrazine	16.82	200	249730	42.172	ng	99
70) Pentachlorophenol	17.02	266	360210	102.295	ng	98
71) Phenanthrene	17.40	178	1238310	47.371	ng	99
72) Anthracene	17.49	178	1222894	46.585	ng	96
73) Carbazole	17.76	167	1094458	42.771	ng	100
74) Di-n-butylphthalate	18.31	149	1288843	41.965	ng	99
75) Fluoranthene	19.41	202	1527202	45.932	ng	98
77) Benzidine	19.58	184	519190	35.654	ng	99
78) Pyrene	19.76	202	1489404	50.394	ng	98
80) Butylbenzylphthalate	20.65	149	554649	43.478	ng	98
81) Benzo(a)anthracene	21.59	228	1397345	48.380	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	306230	27.029	ng	98
83) Chrysene	21.66	228	1312625	47.264	ng	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	763832	43.557	ng	98
85) Di-n-octyl phthalate	22.70	149	1282712	42.588	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1732267	47.699	ng	# 91
88) Benzo(b)fluoranthene	23.77	252	1492180	48.306	ng	99
89) Benzo(k)fluoranthene	23.84	252	1374602	47.366	ng	99
90) Benzo(a)pyrene	24.62	252	1352156	47.001	ng	97
91) Dibenzo(a,h)anthracene	28.41	278	1368010	47.320	ng	99
92) Benzo(g,h,i)perylene	29.46	276	1430565	49.478	ng	98

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

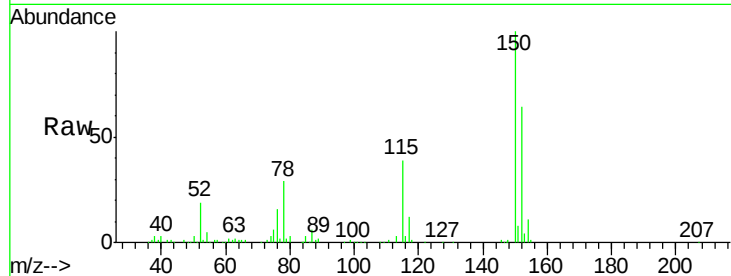


#1

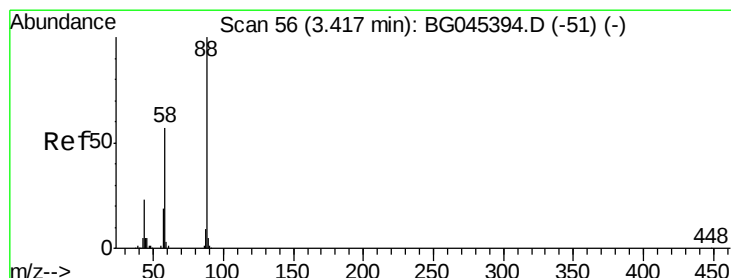
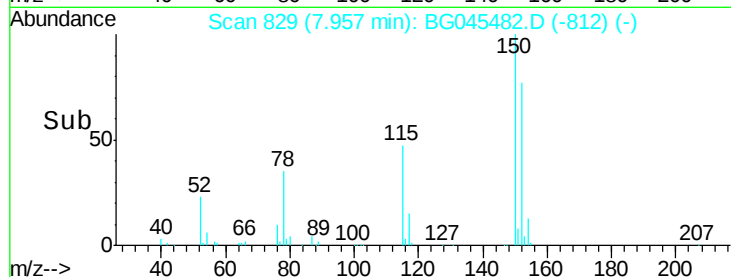
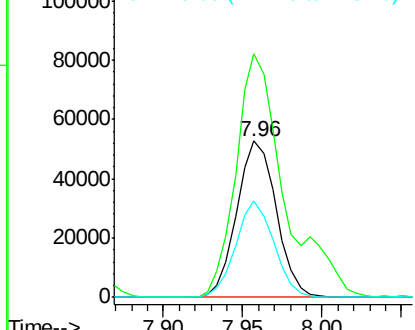
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 91275
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 61.2 44.2 66.4



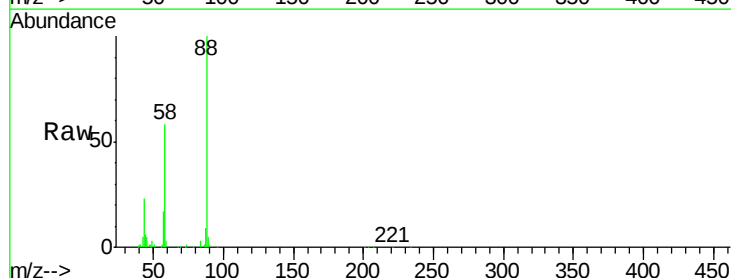
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



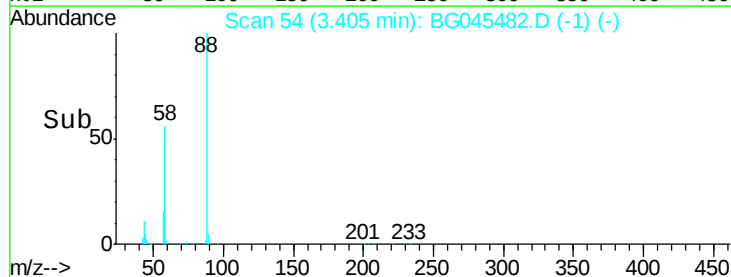
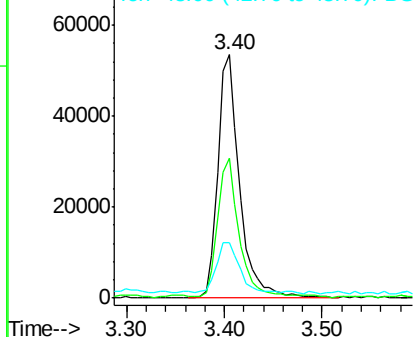
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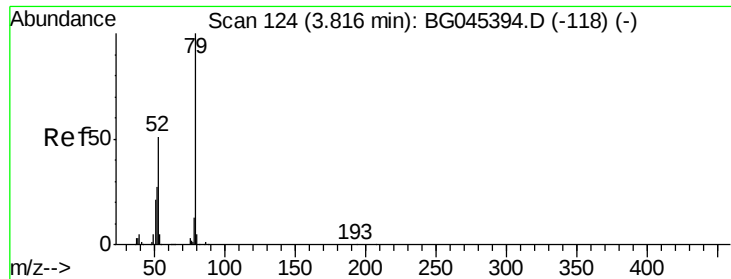
1,4-Dioxane
Concen: 35.831 ng
RT: 3.40 min Scan# 54
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion: 88 Resp: 82985
Ion Ratio Lower Upper
88 100
58 53.9 45.7 68.5
43 20.8 16.8 25.2



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





#3

Pvridine

Concen: 29.096 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

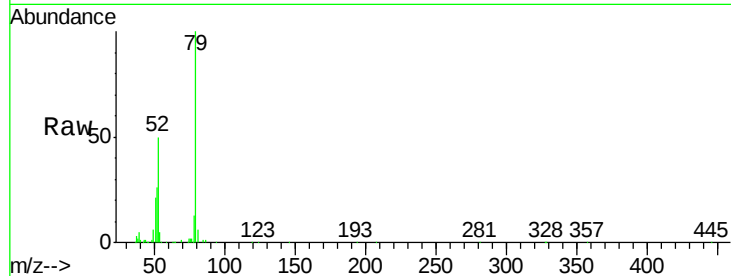
Tot Ion: 79 Resp: 187679

Ion Ratio Lower Upper

79 100

52 49.5 40.8 61.2

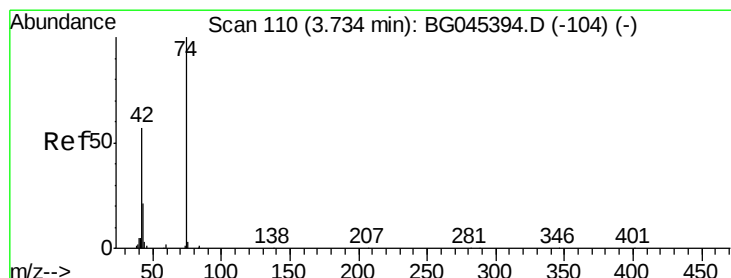
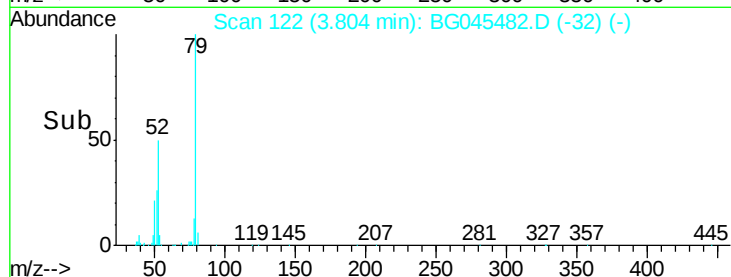
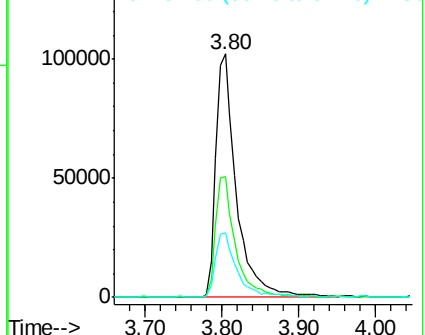
51 26.3 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.116 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

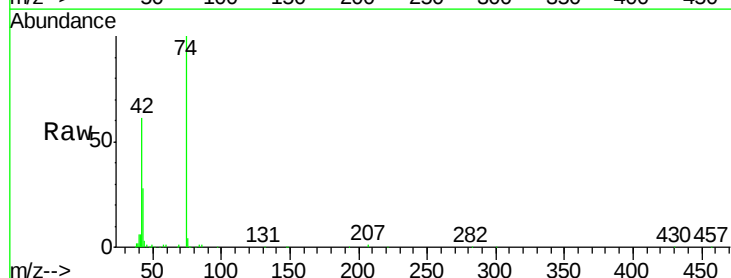
Tgt Ion: 42 Resp: 88895

Ion Ratio Lower Upper

42 100

74 165.1 141.3 211.9

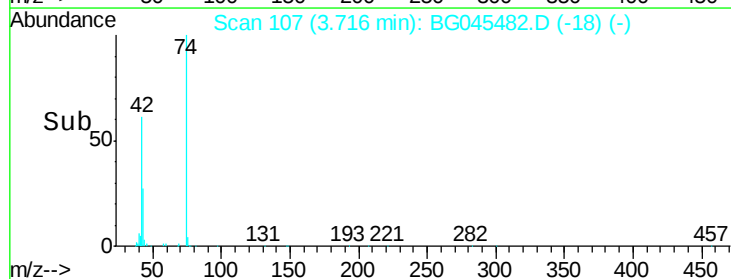
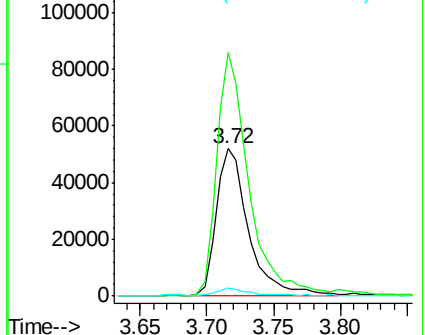
44 5.1 4.2 6.4

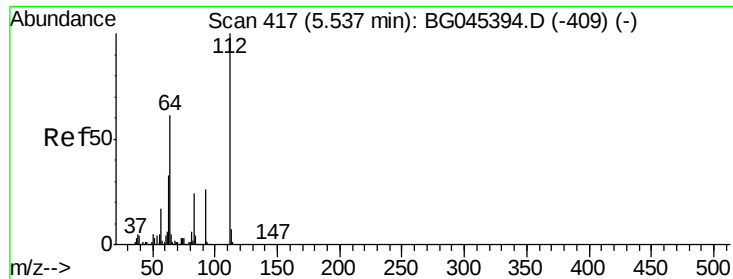


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 106.883 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

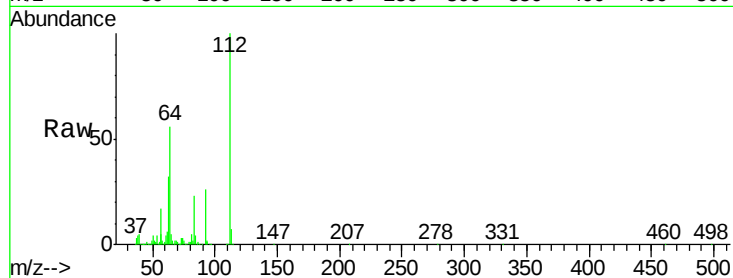
Tot Ion:112 Resp: 499197

Ion Ratio Lower Upper

112 100

64 56.1 48.6 72.8

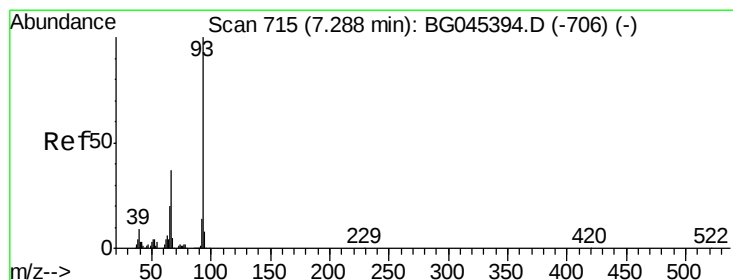
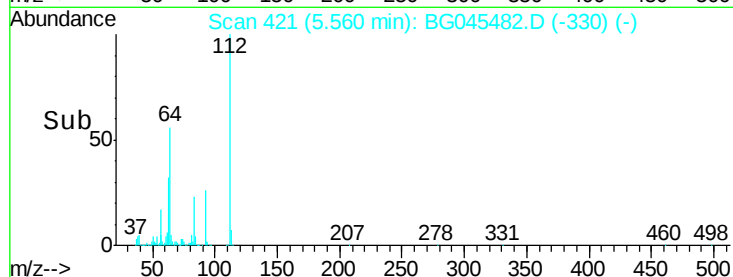
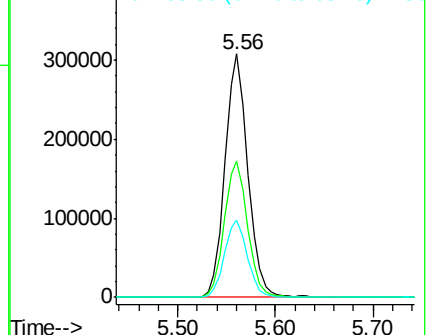
63 31.9 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.810 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

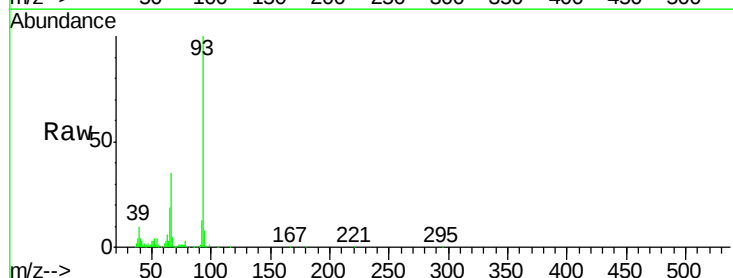
Tgt Ion: 93 Resp: 128515

Ion Ratio Lower Upper

93 100

66 35.1 29.6 44.4

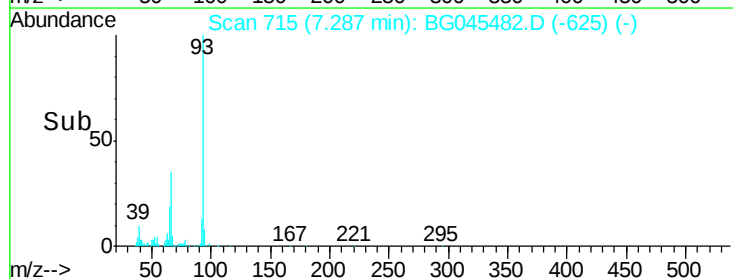
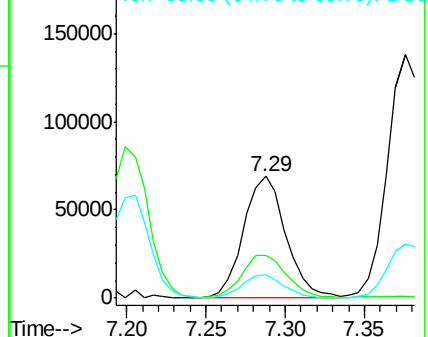
65 19.0 15.9 23.9

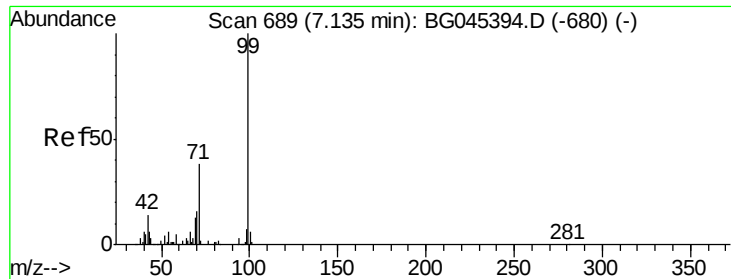


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.154 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

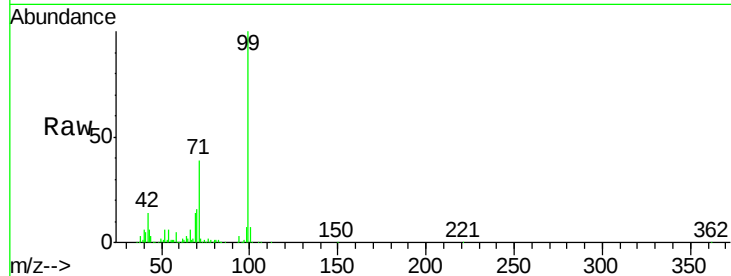
Tot Ion: 99 Resp: 725598

Ion Ratio Lower Upper

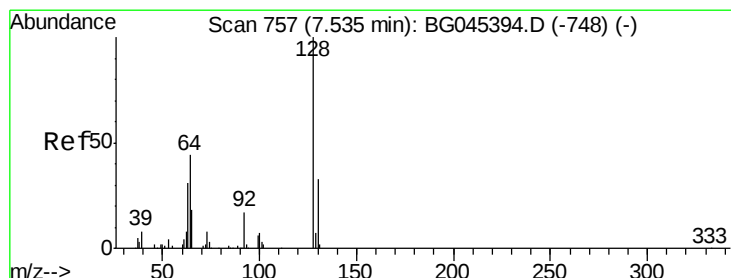
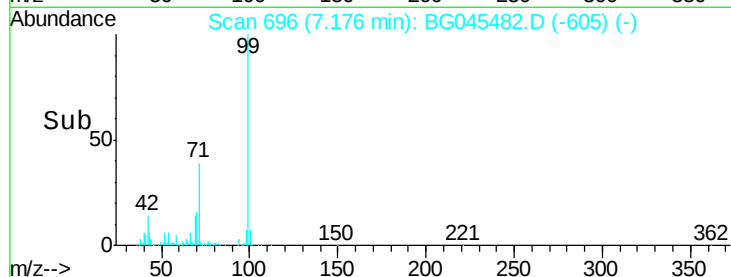
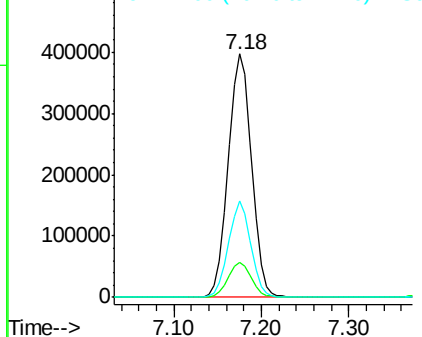
99 100

42 14.3 11.3 16.9

71 39.3 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: 50.290 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

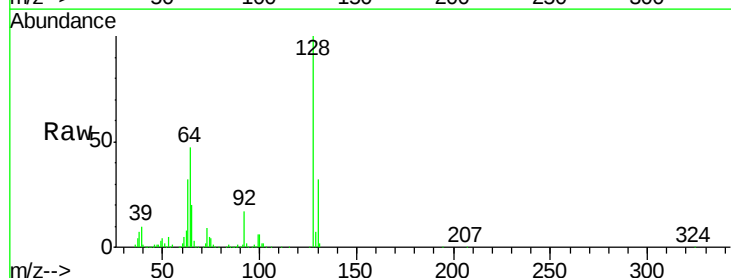
Tgt Ion: 128 Resp: 257571

Ion Ratio Lower Upper

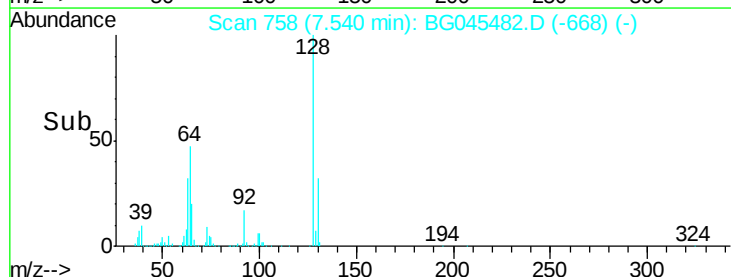
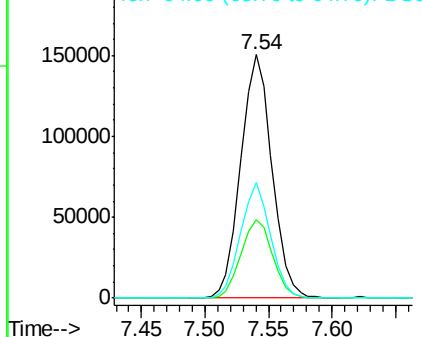
128 100

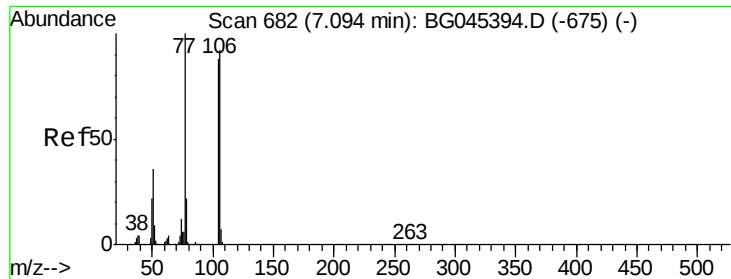
130 32.1 12.6 52.6

64 47.3 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: 37.986 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

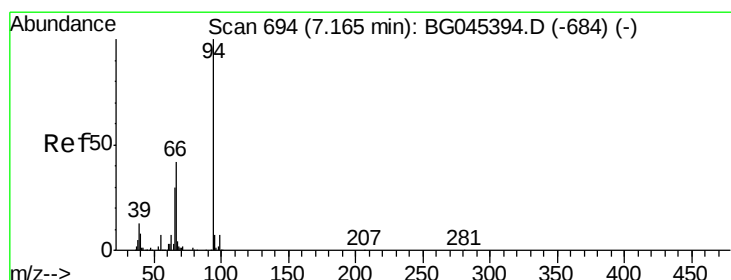
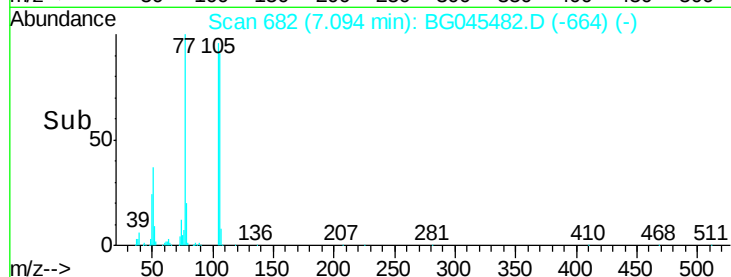
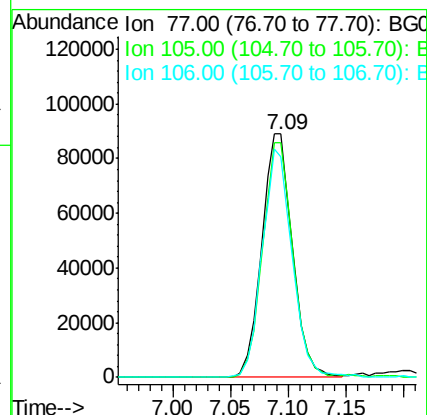
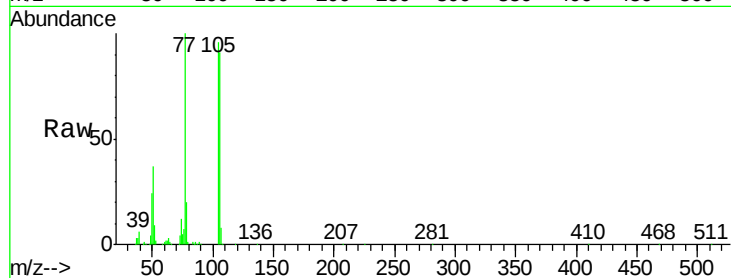
Tot Ion: 77 Resp: 164517

Ion Ratio Lower Upper

77 100

105 96.1 68.5 108.5

106 90.7 71.6 111.6



#10

Phenol

Concen: 49.045 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

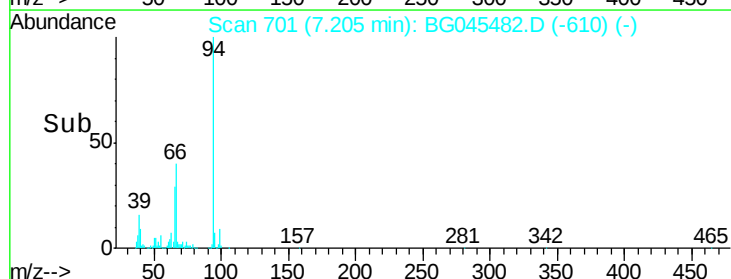
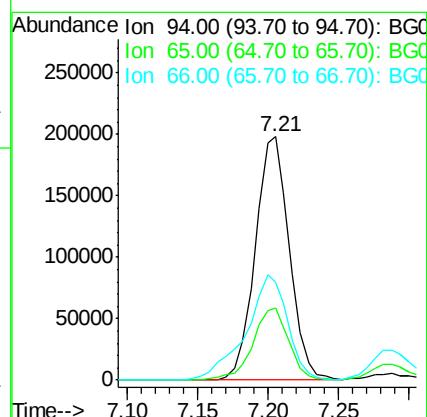
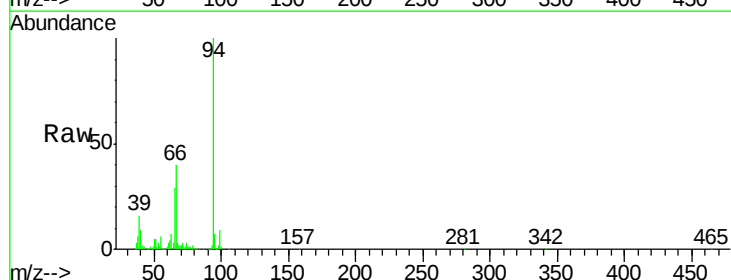
Tgt Ion: 94 Resp: 336013

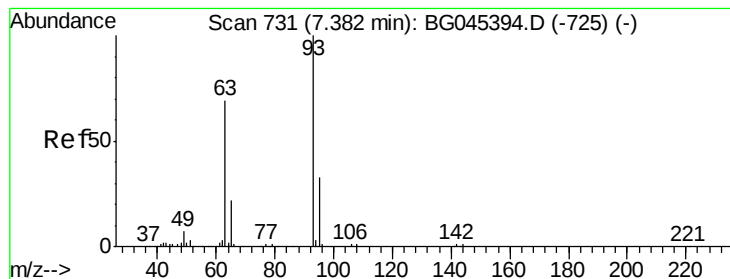
Ion Ratio Lower Upper

94 100

65 29.4 9.8 49.8

66 40.3 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 43.465 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

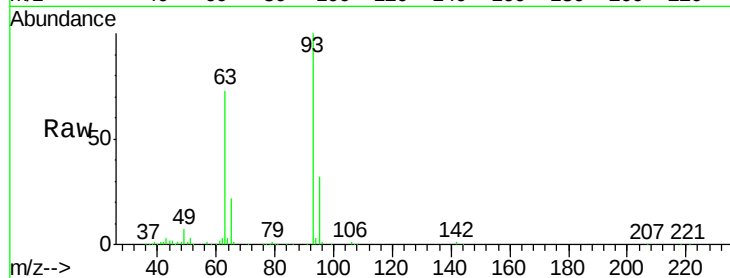
Tot Ion: 93 Resp: 232274

Ion Ratio Lower Upper

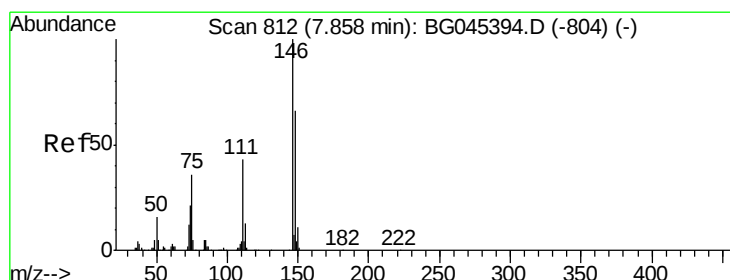
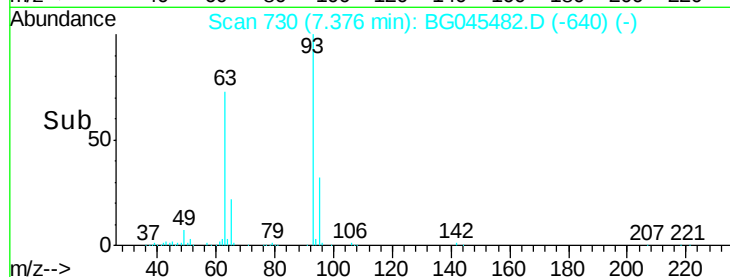
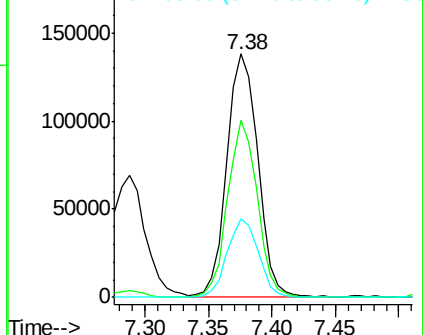
93 100

63 72.7 48.4 88.4

95 32.5 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 44.518 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

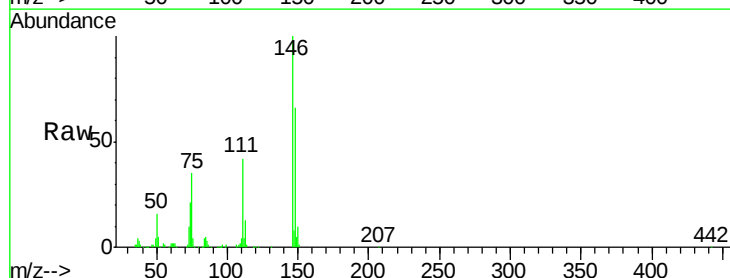
Tgt Ion: 146 Resp: 274006

Ion Ratio Lower Upper

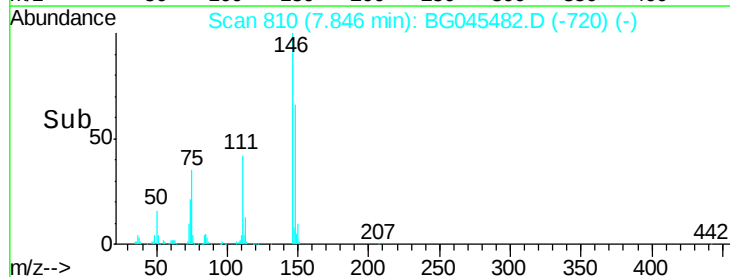
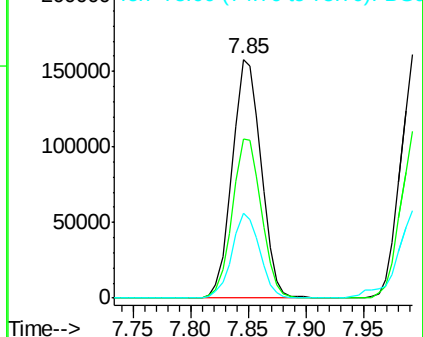
146 100

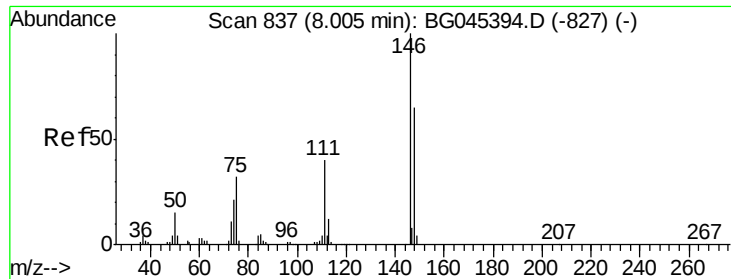
148 66.5 53.2 79.8

75 35.4 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 45.179 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

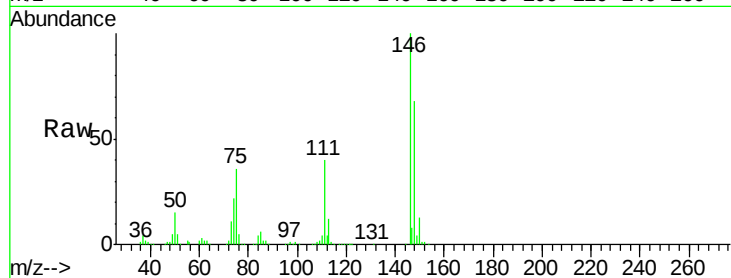
Tot Ion:146 Resp: 274417

Ion Ratio Lower Upper

146 100

148 68.3 51.8 77.8

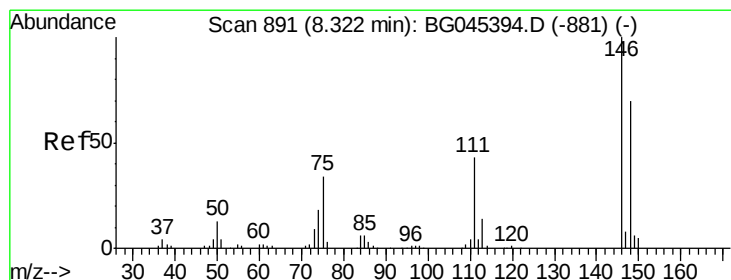
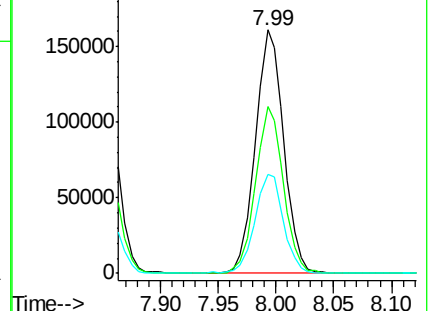
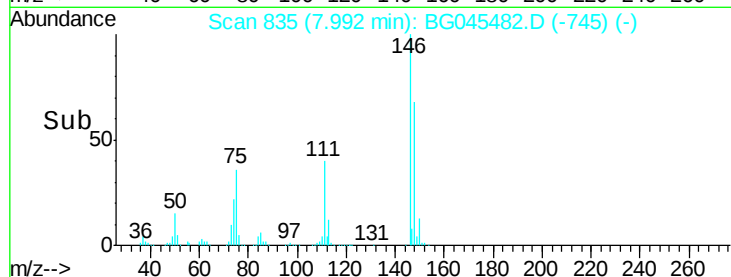
111 40.4 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.907 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

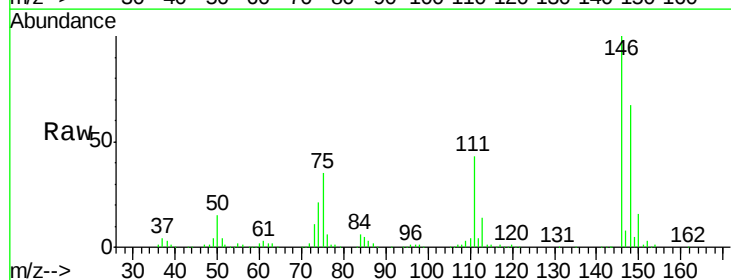
Tgt Ion:146 Resp: 262349

Ion Ratio Lower Upper

146 100

148 66.7 55.9 83.9

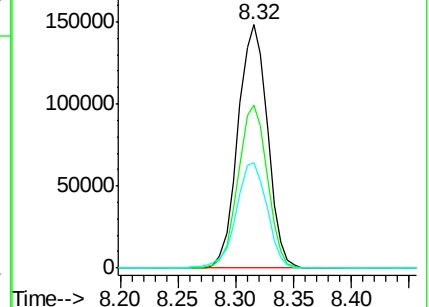
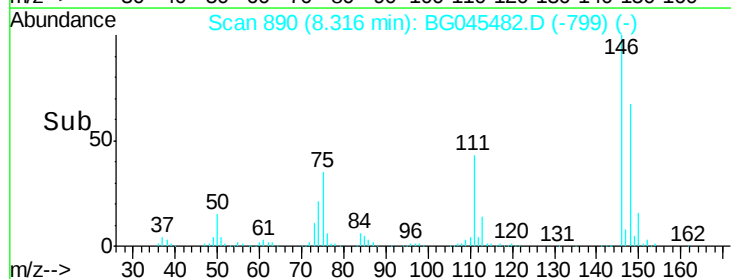
111 43.1 35.0 52.4

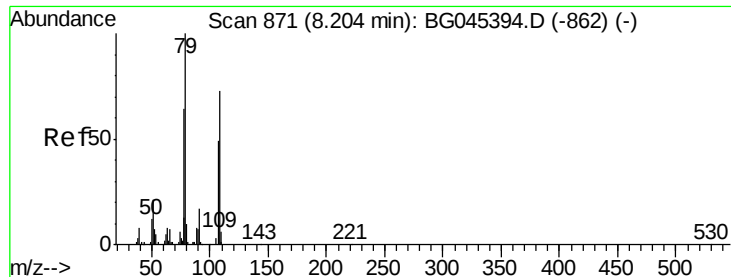


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.870 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

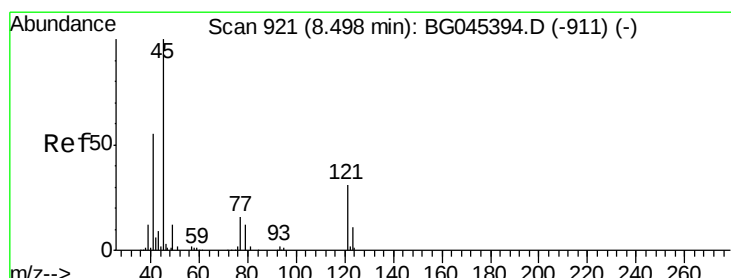
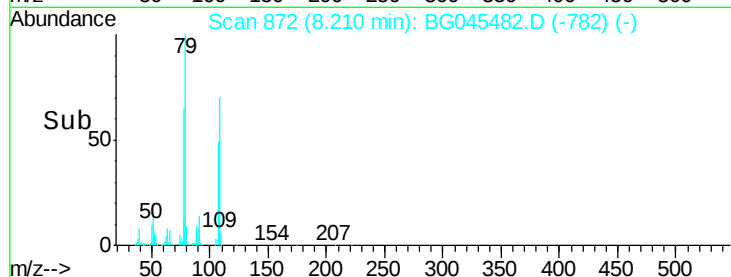
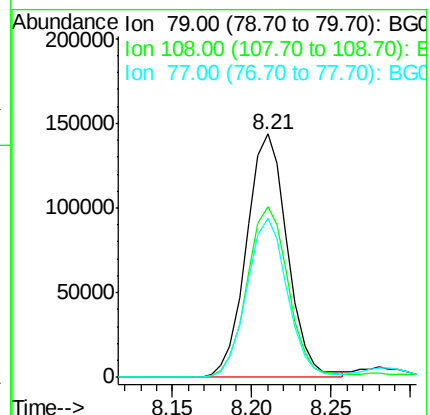
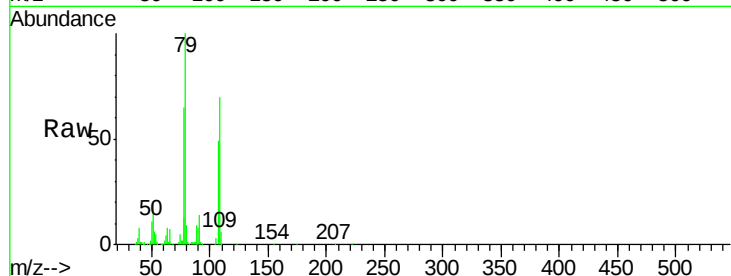
Tot Ion: 79 Resp: 257382

Ion Ratio Lower Upper

79 100

108 70.0 58.2 87.4

77 65.2 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.853 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

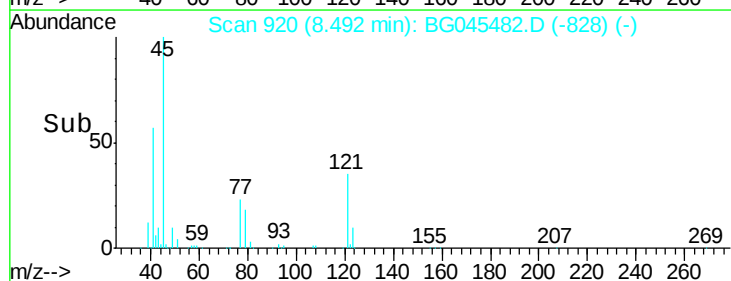
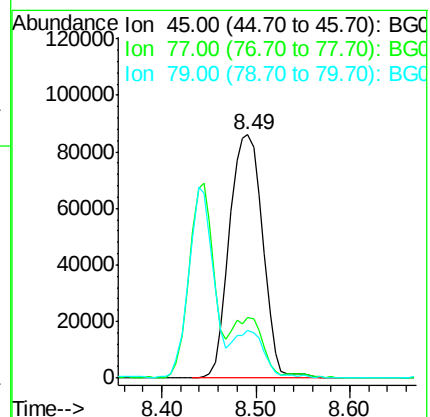
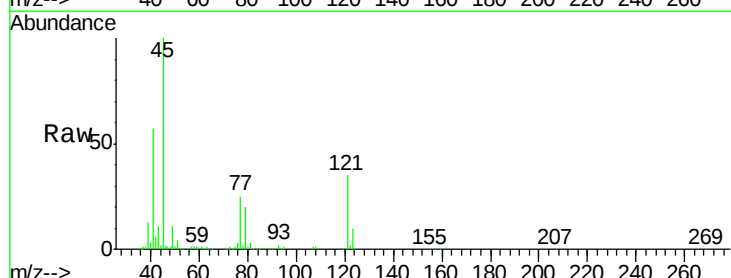
Tgt Ion: 45 Resp: 212301

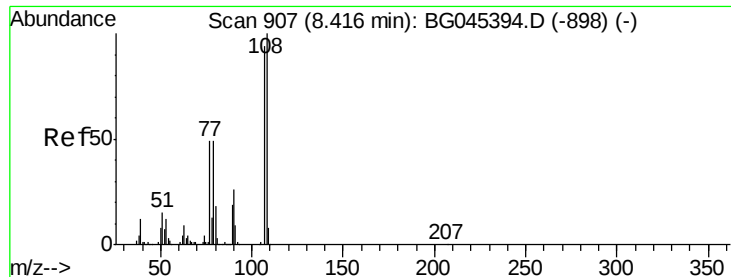
Ion Ratio Lower Upper

45 100

77 25.1 4.0 44.0

79 19.6 0.0 38.6

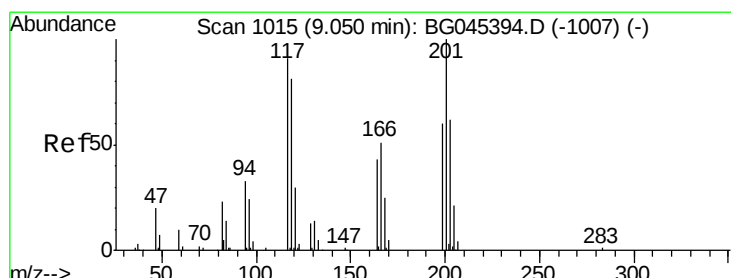
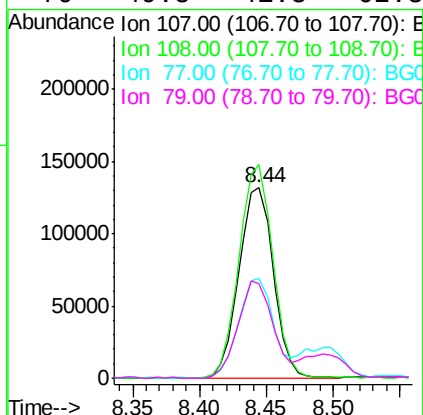
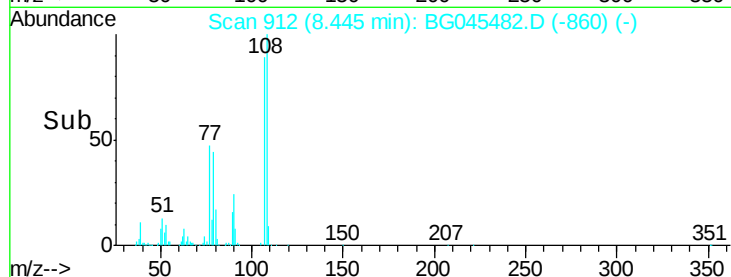
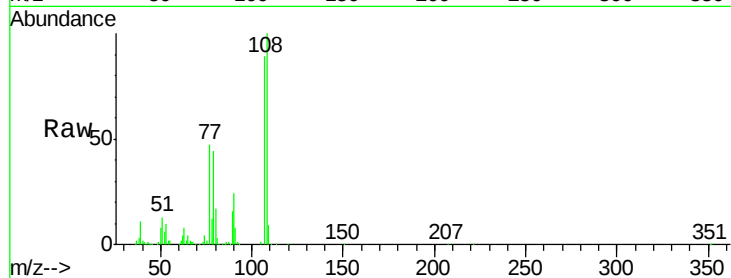




#17
2-Methylphenol
Concen: 46.182 ng
RT: 8.44 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

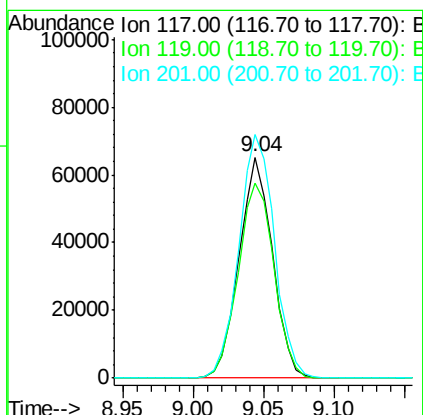
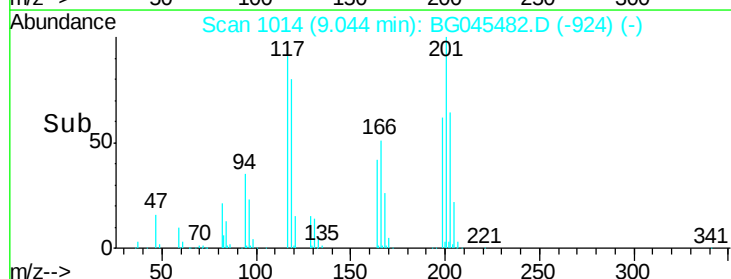
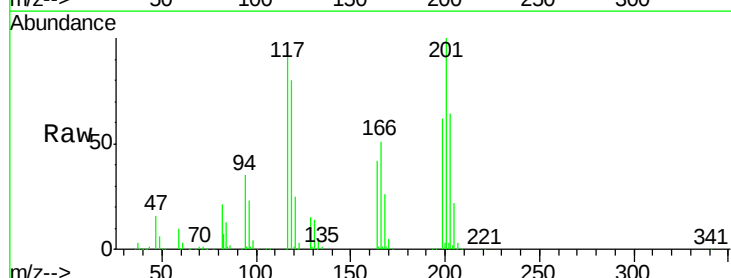
Instrument :
BNA_G
ClientSampled :

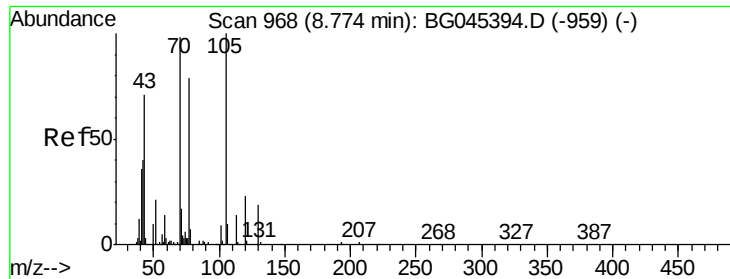
Tot Ion:	107	Resp:	236822
Ion	Ratio	Lower	Upper
107	100		
108	112.3	85.2	127.8
77	52.5	41.6	62.4
79	49.5	41.8	62.8



#18
Hexachloroethane
Concen: 46.523 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:	117	Resp:	108229
Ion	Ratio	Lower	Upper
117	100		
119	88.3	71.3	106.9
201	110.4	87.5	131.3

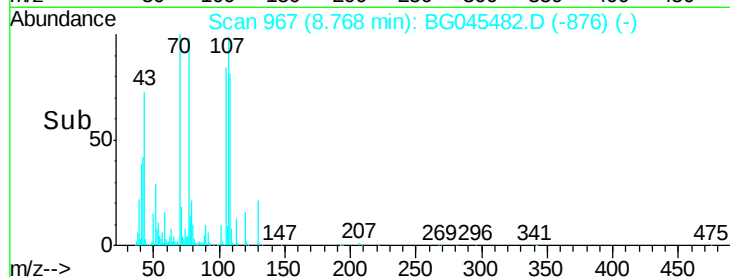
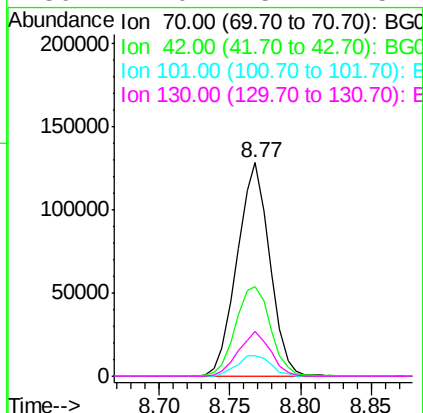
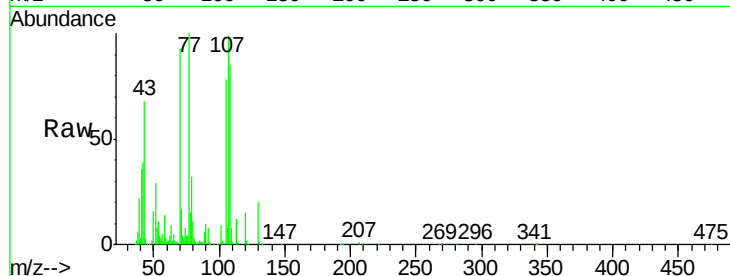




#19
n-Nitroso-di-n-propylamine
Concen: 44.963 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

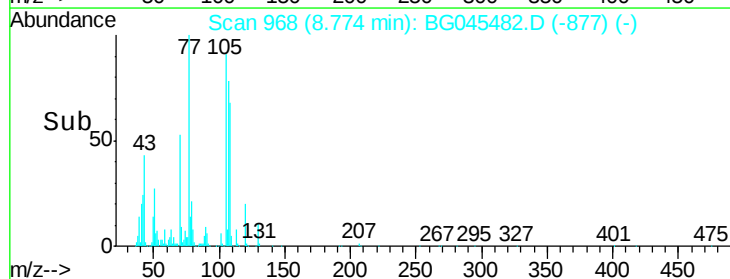
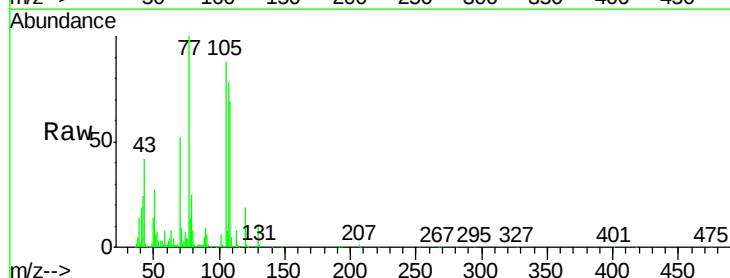
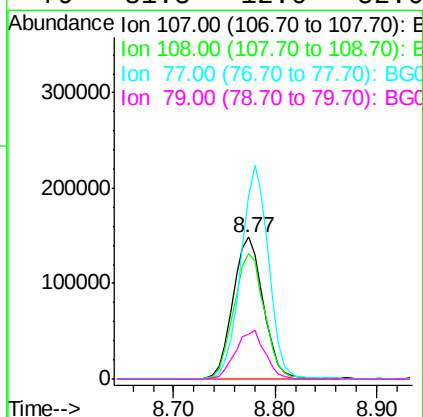
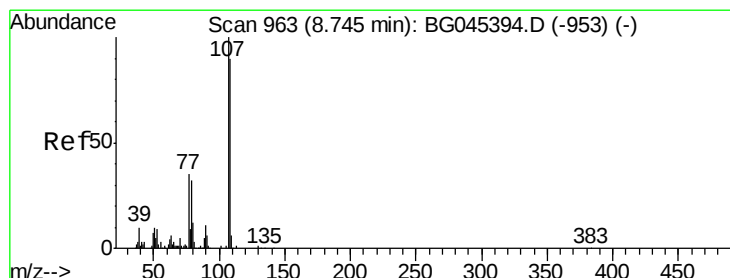
Instrument :
BNA_G
ClientSampleId :

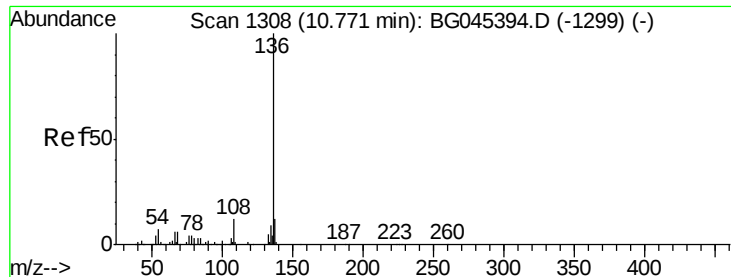
Tot Ion:	70	Resp:	206687
Ion	Ratio	Lower	Upper
70	100		
42	41.9	33.2	49.8
101	9.8	7.8	11.6
130	21.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 44.090 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:	107	Resp:	307882
Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.3	110.3
77	128.7	15.4	55.4#
79	31.8	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 377170

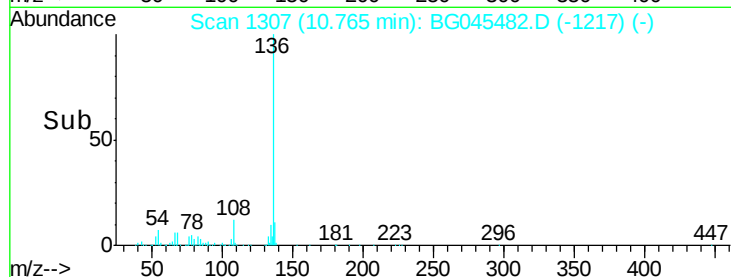
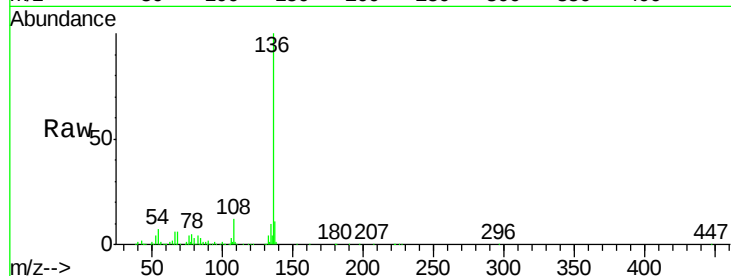
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.2

54 6.5 5.8 8.6

68 5.6 4.5 6.7

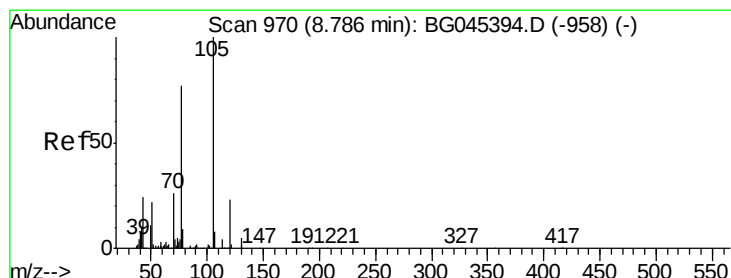
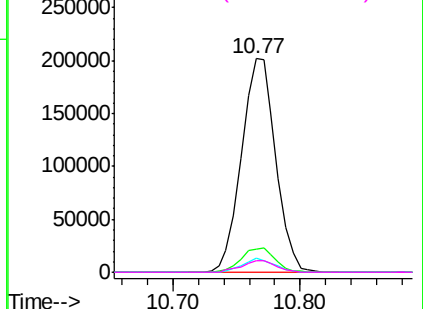


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.254 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:105 Resp: 386661

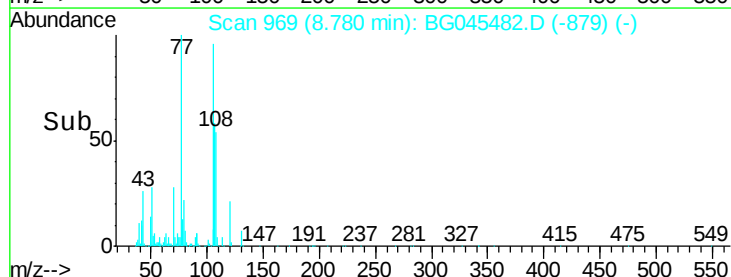
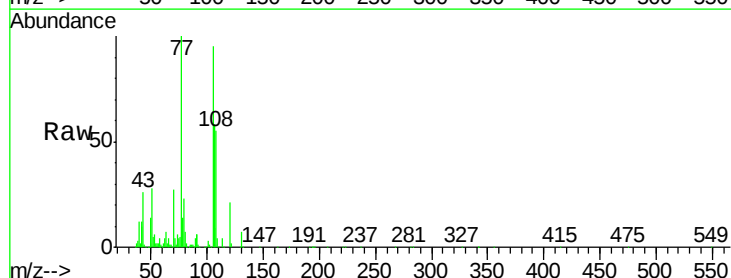
Ion Ratio Lower Upper

105 100

71 4.3 3.4 5.0

51 29.2 18.2 27.2#

120 21.7 18.6 27.8

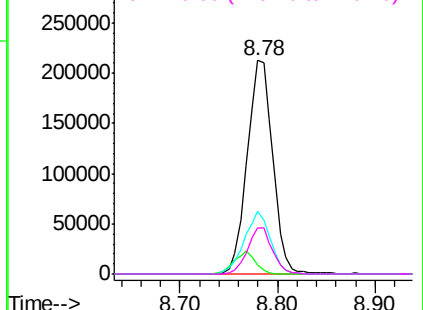


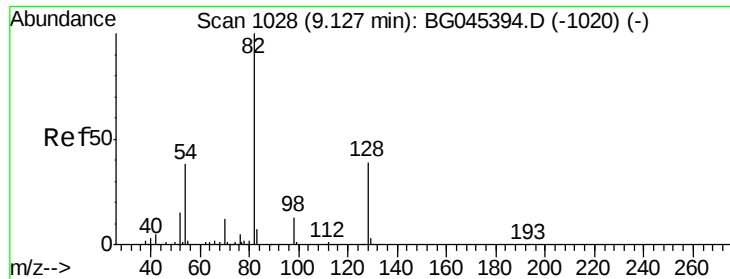
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

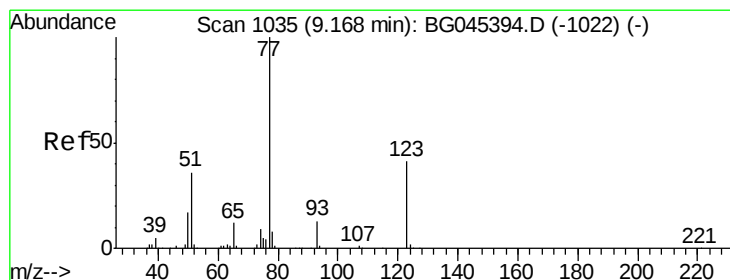
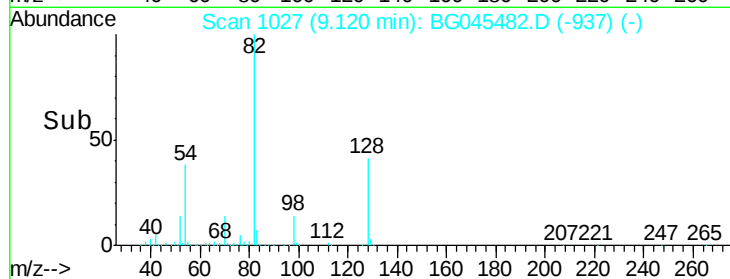
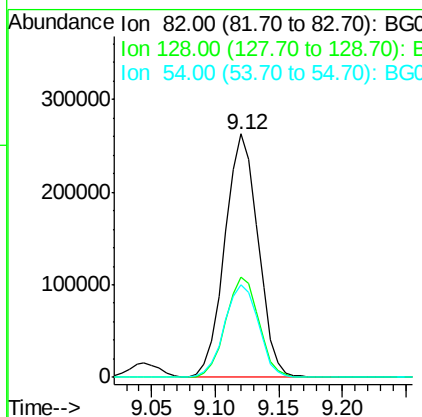
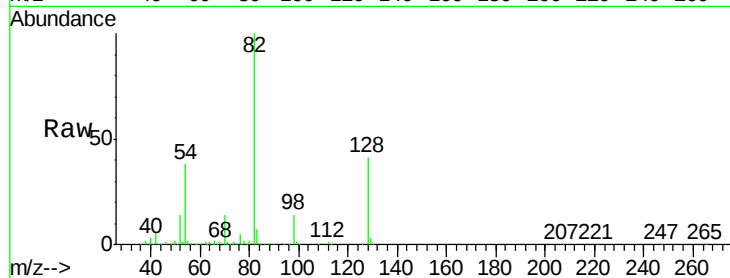




#23
Nitrobenzene-d5
Concen: 68.802 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

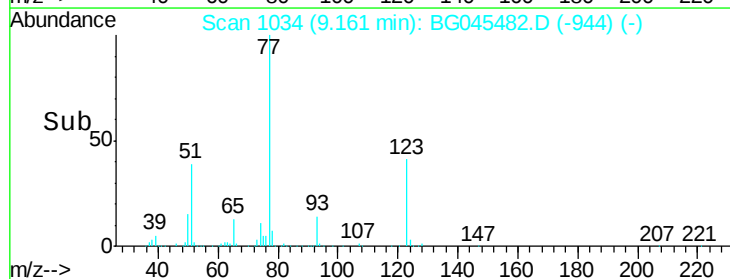
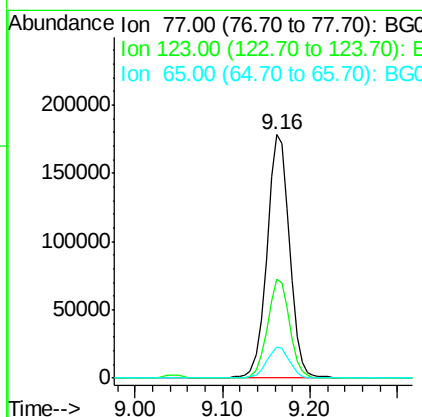
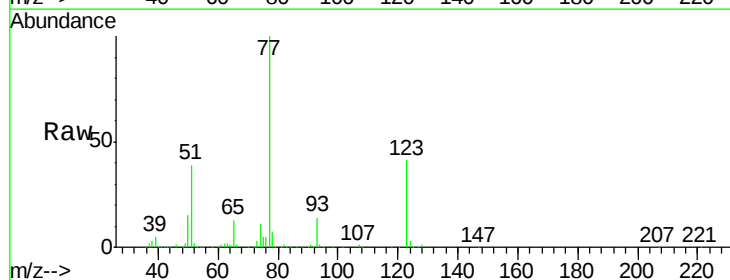
Instrument :
BNA_G
ClientSampleId :

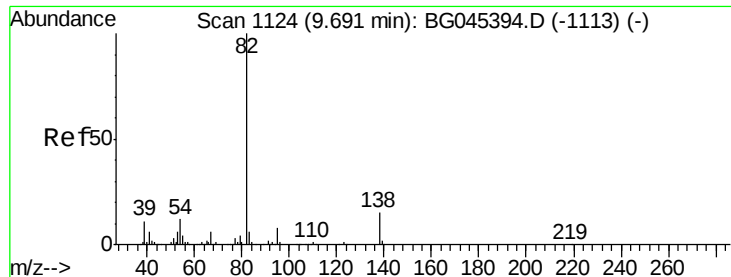
Tot Ion	82	Resp	475872
Ion Ratio	Lower	Upper	
82	100		
128	41.0	30.9	46.3
54	38.2	30.3	45.5



#24
Nitrobenzene
Concen: 43.005 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	77	Resp	318682
Ion Ratio	Lower	Upper	
77	100		
123	40.5	32.9	49.3
65	12.7	9.4	14.2





#25

Isophorone

Concen: 42.411 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

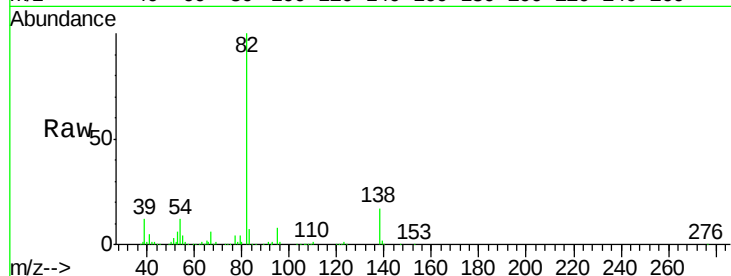
Tot Ion: 82 Resp: 577689

Ion Ratio Lower Upper

82 100

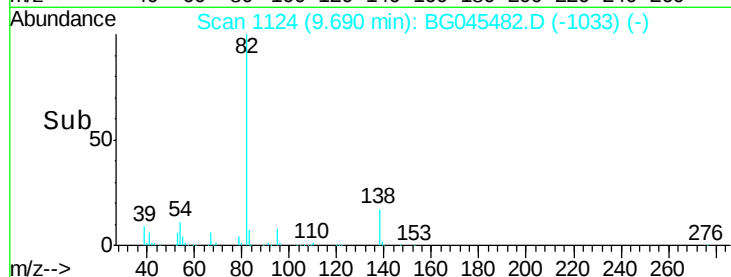
95 7.7 6.7 10.1

138 16.8 12.2 18.4

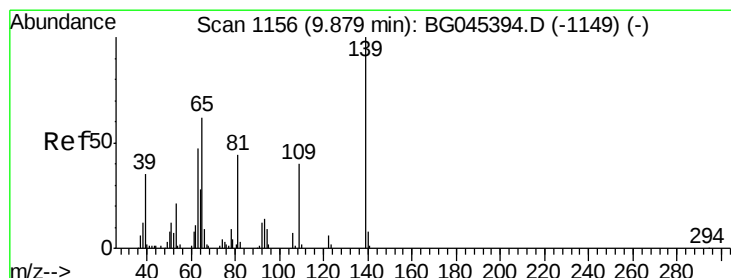


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

9.69



Time-->



#26

2-Nitrophenol

Concen: 47.242 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

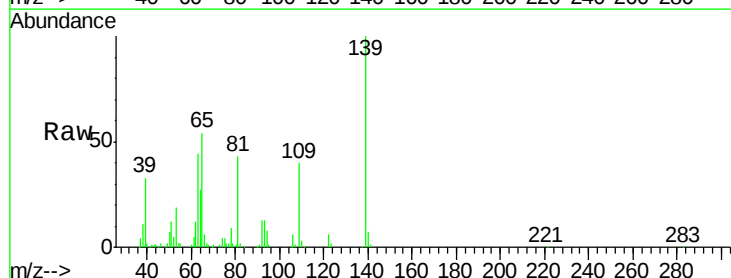
Tgt Ion: 139 Resp: 149758

Ion Ratio Lower Upper

139 100

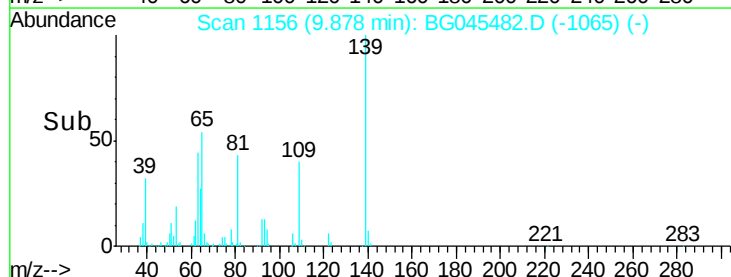
109 40.1 32.2 48.4

65 54.4 49.6 74.4

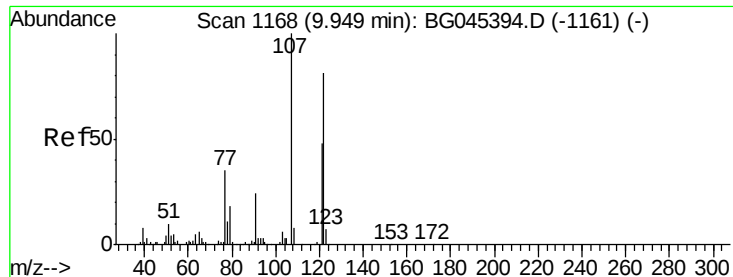


Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

9.88



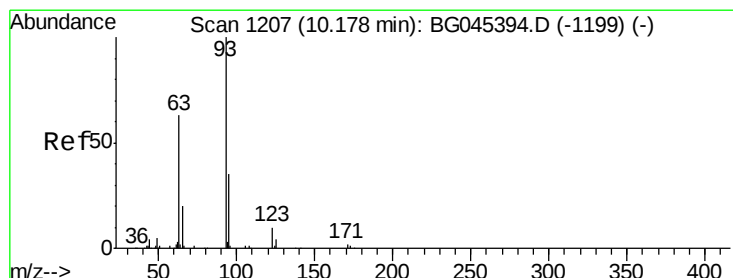
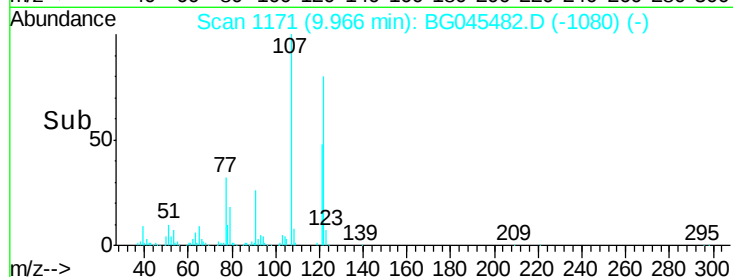
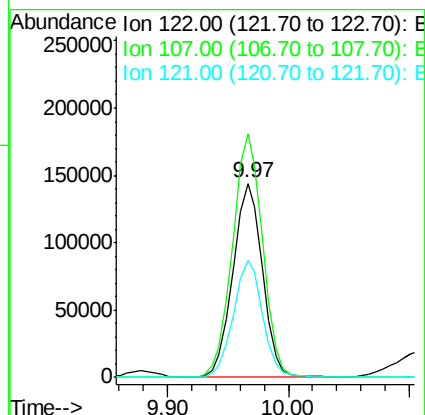
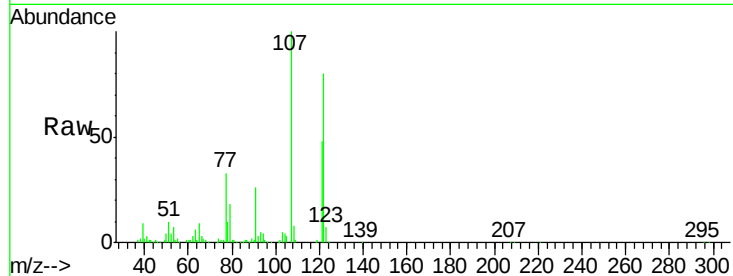
Time-->



#27
2,4-Dimethylphenol
Concen: 52.259 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

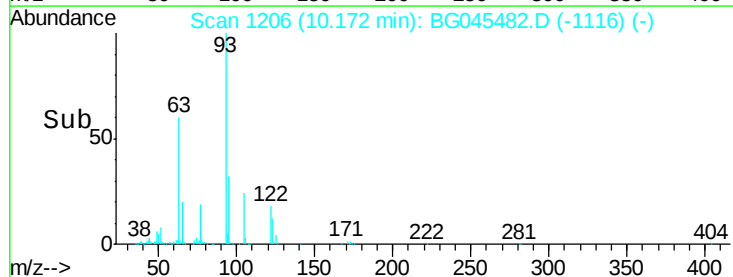
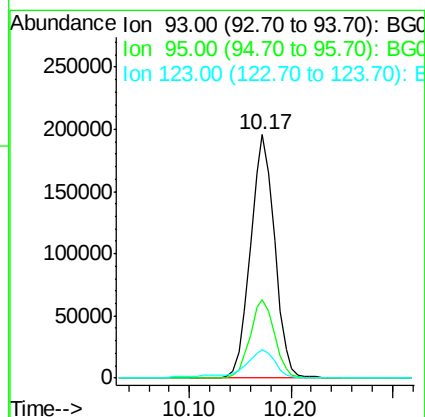
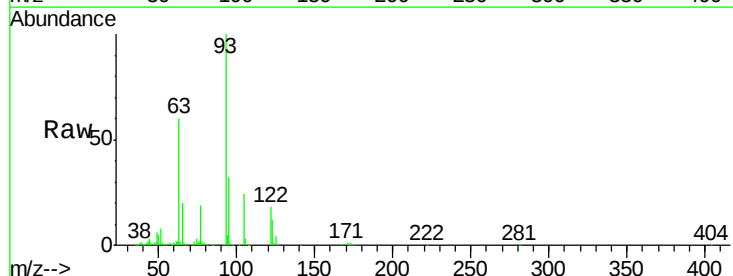
Instrument :
BNA_G
ClientSampleId :

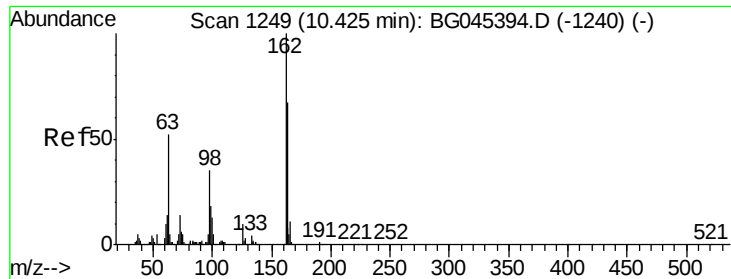
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.6	99.0	148.4
121	60.3	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 45.224 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.6	41.4
123	12.0	8.1	12.1

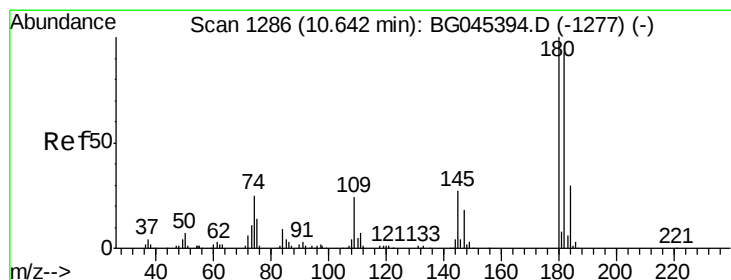
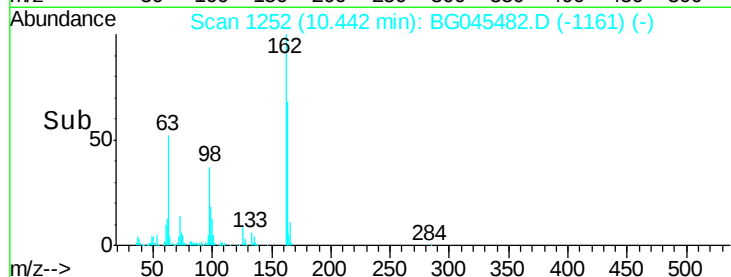
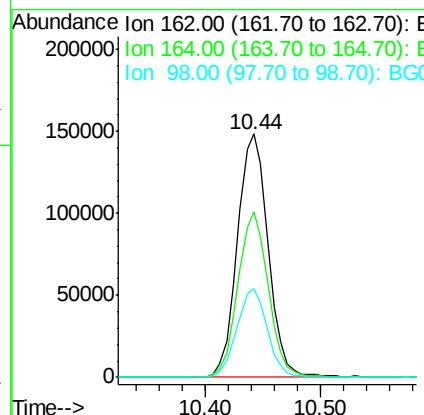
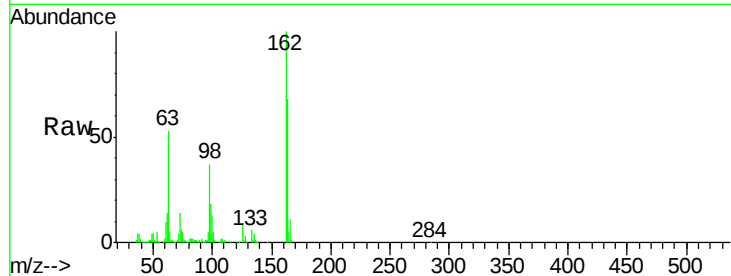




#29
 2,4-Dichlorophenol
 Concen: 49.293 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

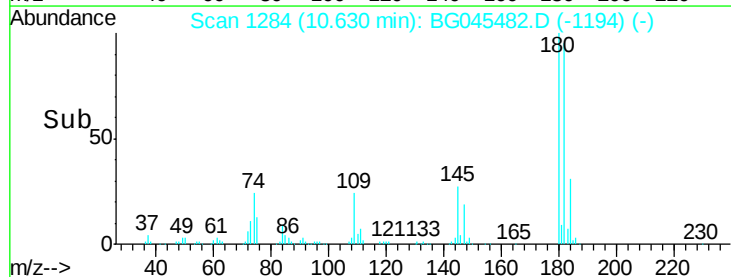
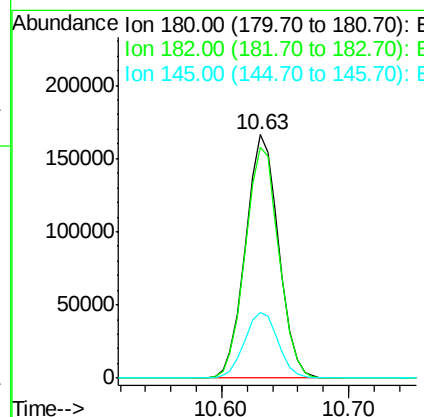
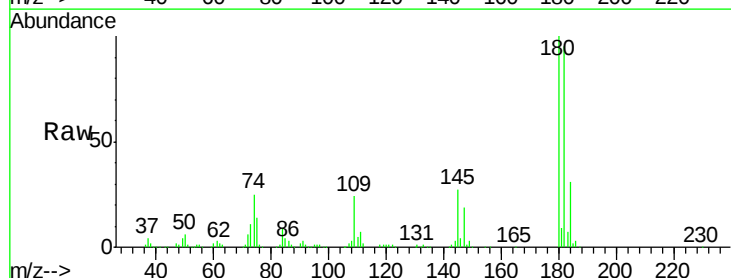
Instrument :
 BNA_G
 ClientSampleId :

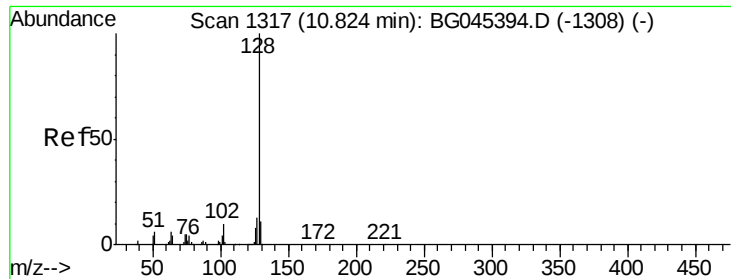
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	46.8	86.8
98	36.7	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.904 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.8	112.2
145	27.2	21.9	32.9

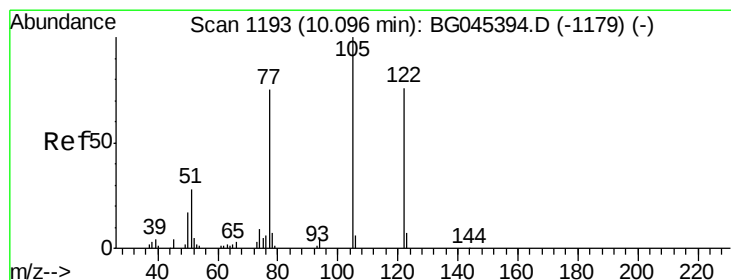
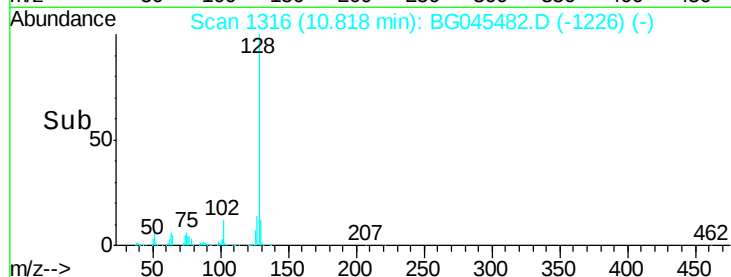
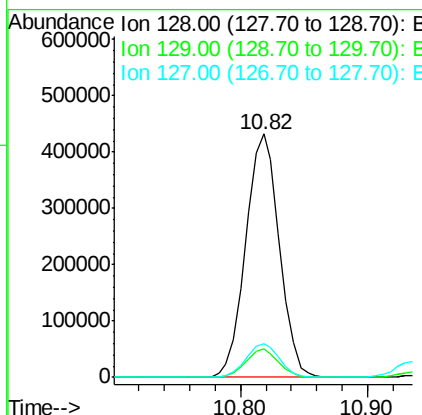
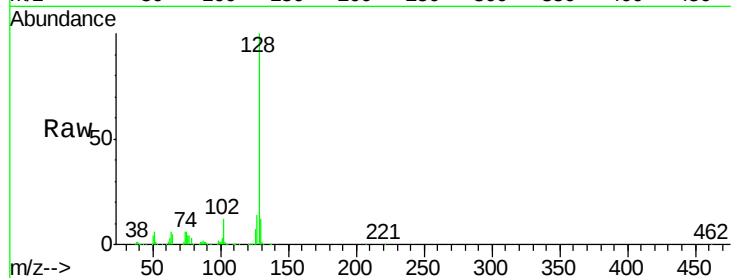




#31
Naphthalene
Concen: 45.239 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

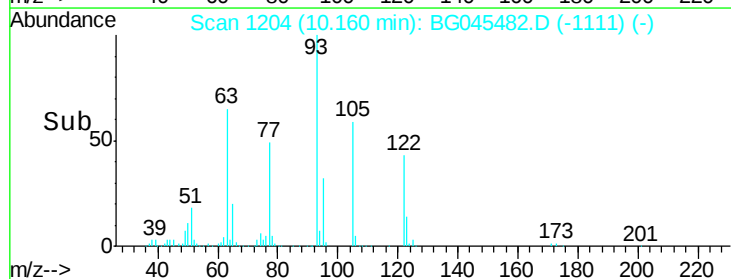
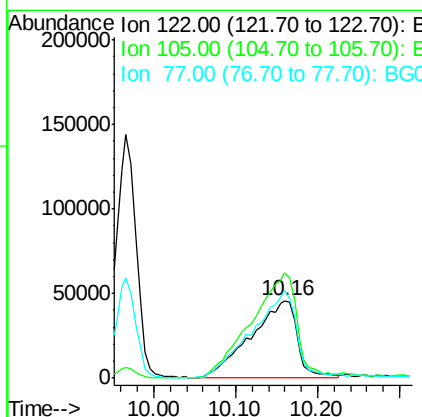
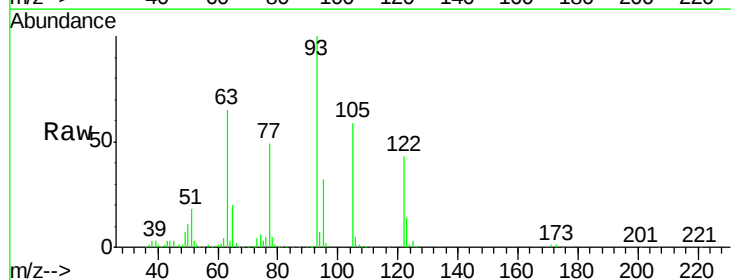
Instrument :
BNA_G
ClientSampleId :

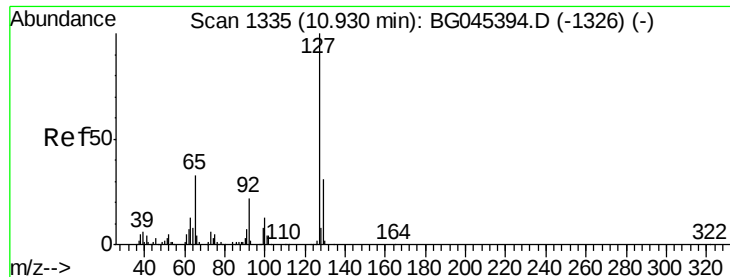
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.0	10.7	16.1



#32
Benzoic acid
Concen: 54.281 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.6	107.9	147.9
77	113.3	78.9	118.9

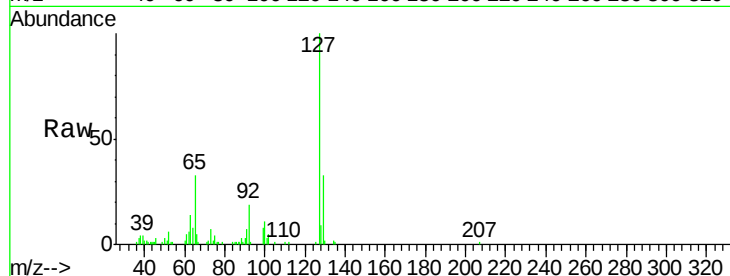




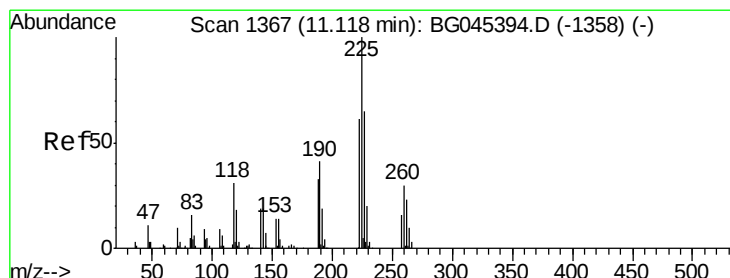
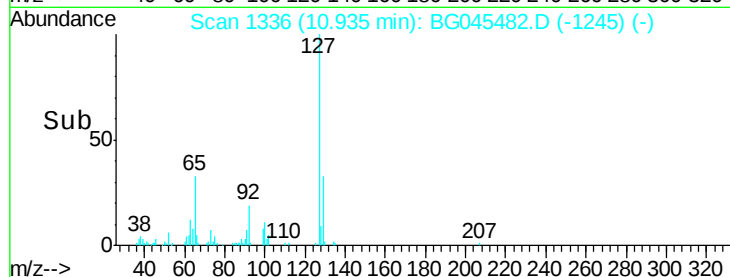
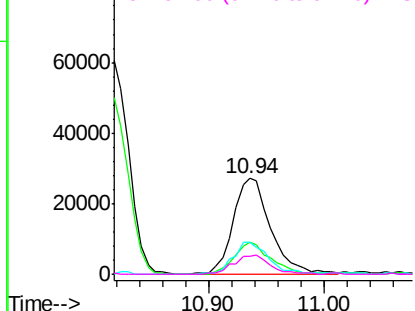
#33
4-Chloroaniline
Concen: 8.356 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	61387
Ion Ratio	Lower	Upper
127	100	
129	32.8	24.7 37.1
65	33.3	26.2 39.2
92	18.6	17.9 26.9

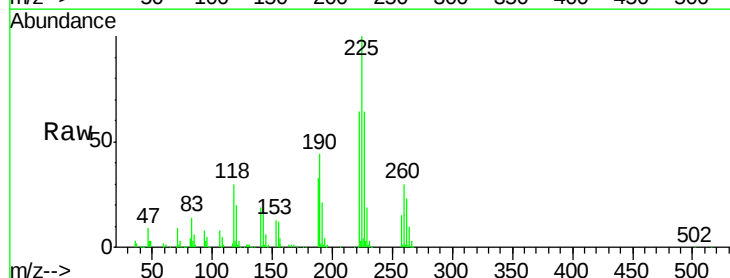


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

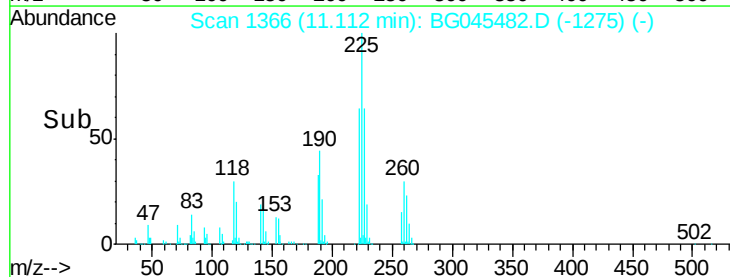
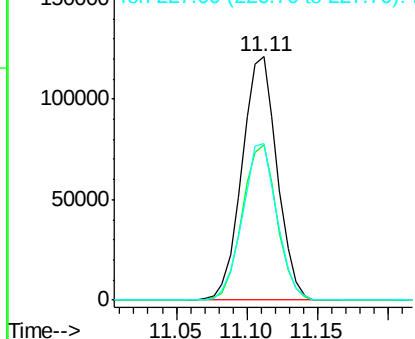


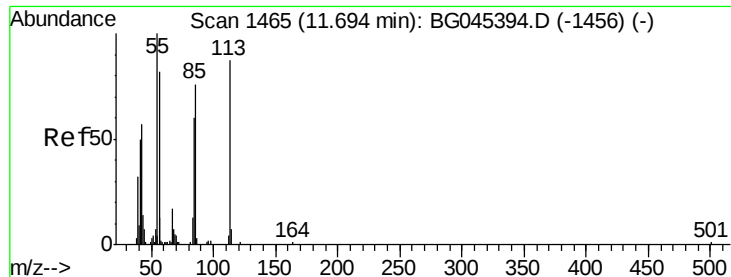
#34
Hexachlorobutadiene
Concen: 45.406 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:225	Resp:	210569
Ion Ratio	Lower	Upper
225	100	
223	64.0	49.1 73.7
227	64.3	52.0 78.0



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





#35

Caprolactam

Concen: 27.463 ng

RT: 11.70 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

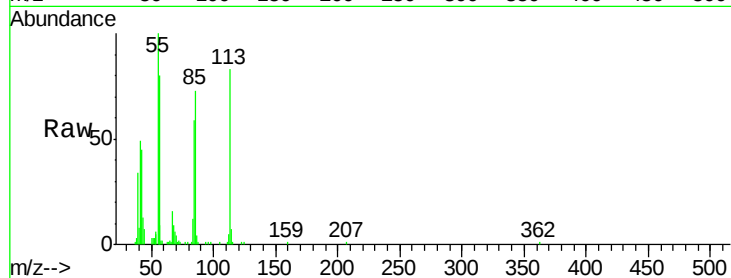
Tot Ion:113 Resp: 55967

Ion Ratio Lower Upper

113 100

55 120.9 96.0 136.0

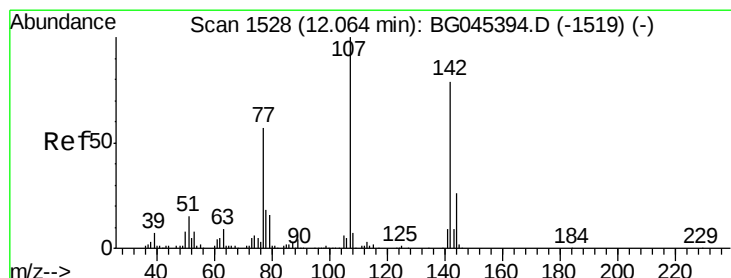
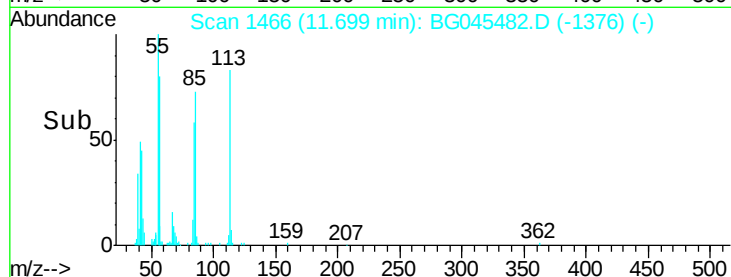
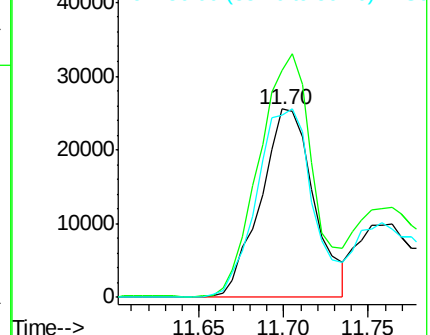
56 96.6 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.939 ng

RT: 12.10 min Scan# 1534

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

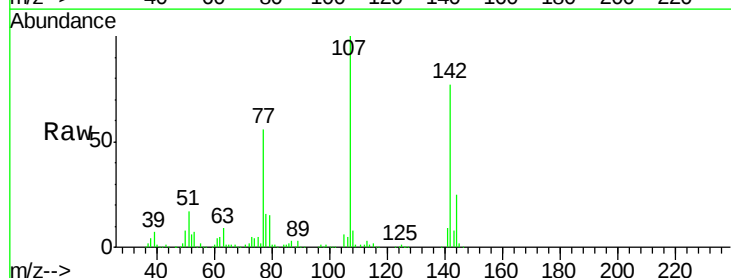
Tgt Ion:107 Resp: 306175

Ion Ratio Lower Upper

107 100

144 24.6 20.8 31.2

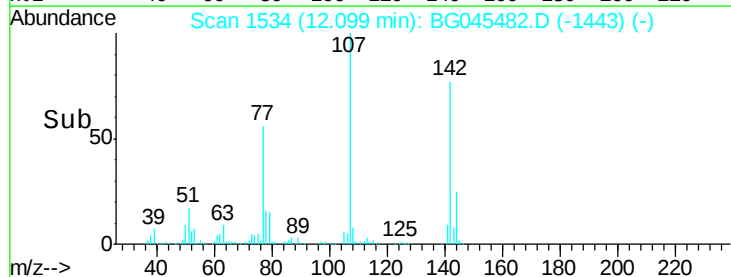
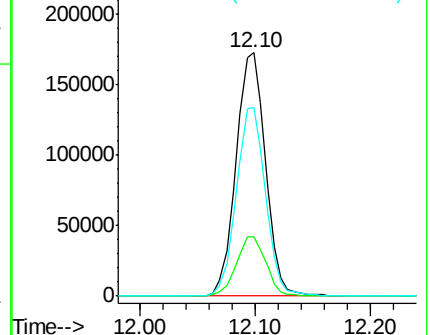
142 77.2 62.8 94.2

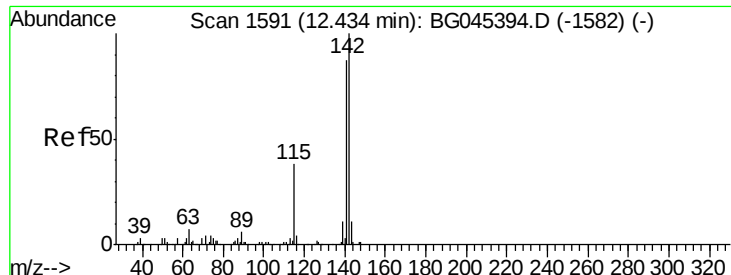


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

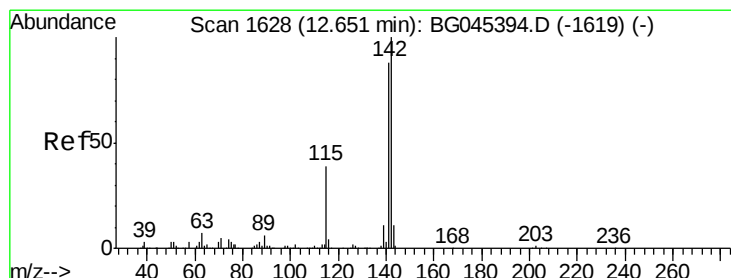
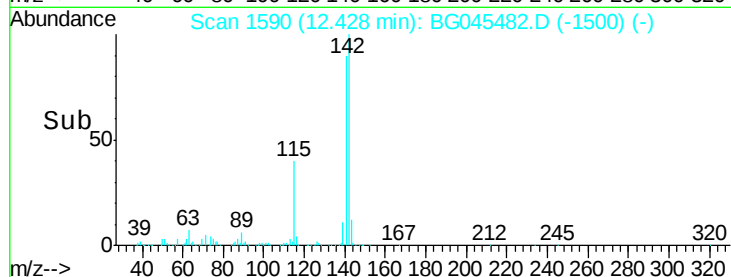
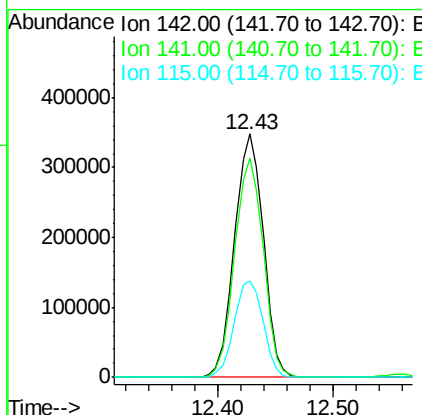
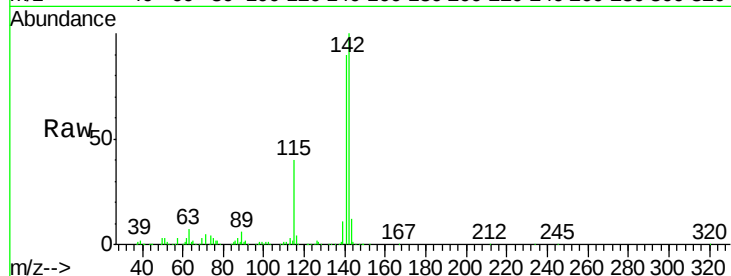




#37
2-Methylnaphthalene
Concen: 45.999 ng
RT: 12.43 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

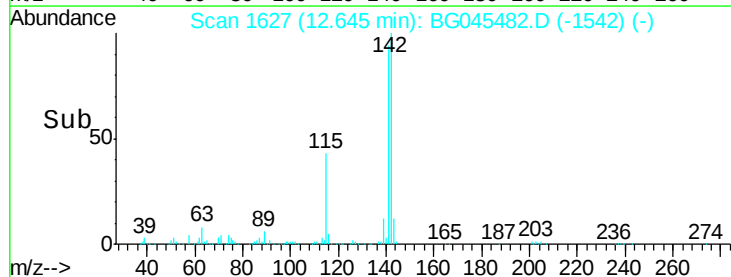
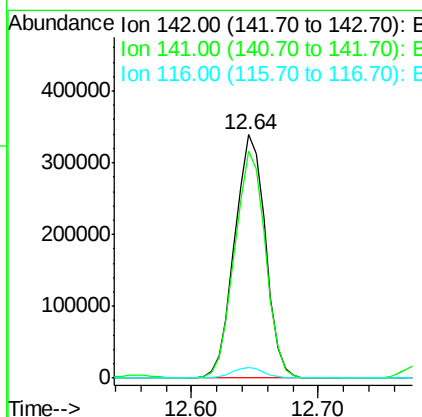
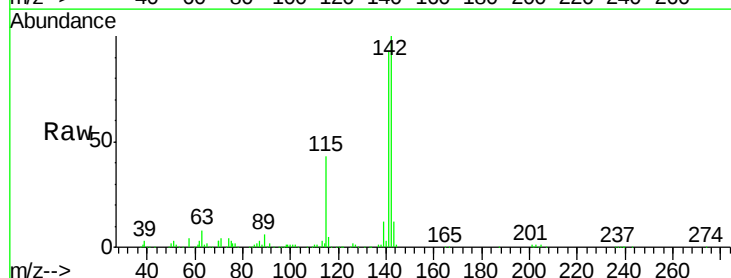
Instrument :
BNA_G
ClientSampleId :

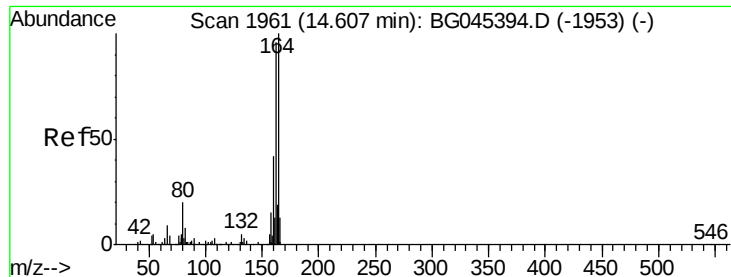
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.0	105.0
115	39.7	30.8	46.2



#38
1-Methylnaphthalene
Concen: 46.188 ng
RT: 12.64 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	70.8	106.2
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

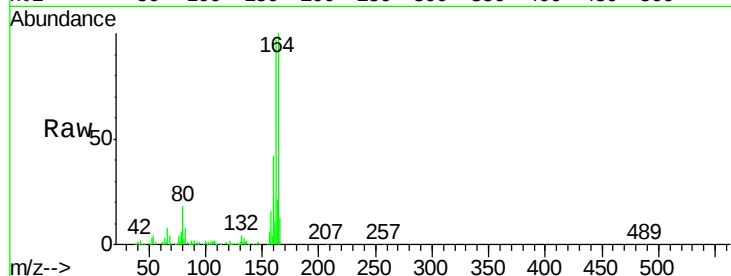
Tot Ion:164 Resp: 274249

Ion Ratio Lower Upper

164 100

162 97.4 76.9 115.3

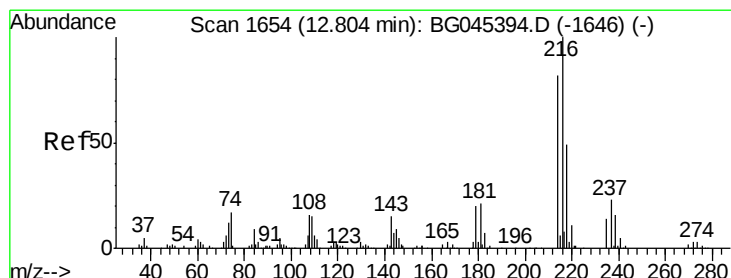
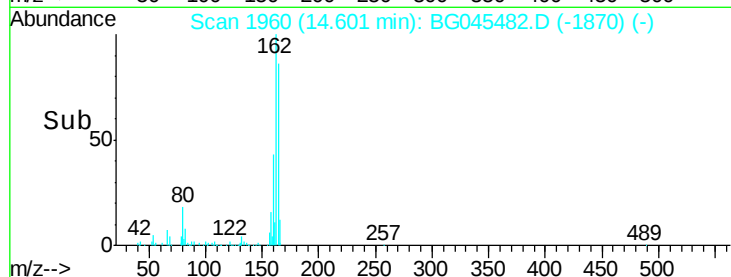
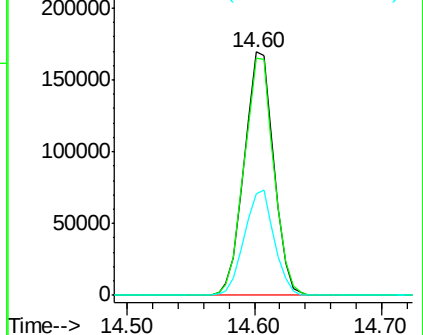
160 41.8 33.8 50.8



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: 46.567 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Tgt Ion:216 Resp: 356714

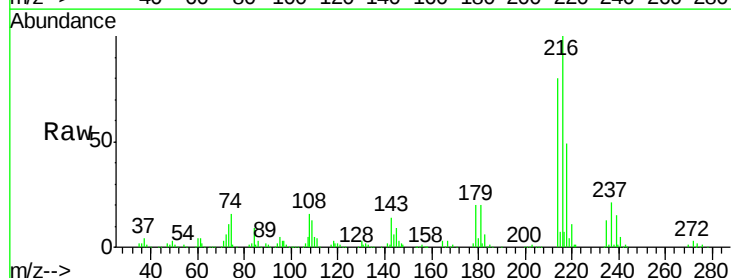
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 19.9 16.1 24.1

108 17.1 13.8 20.6

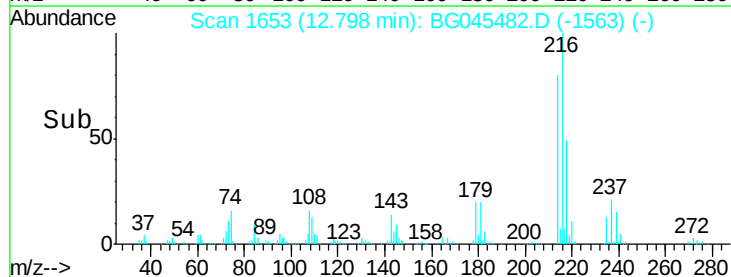
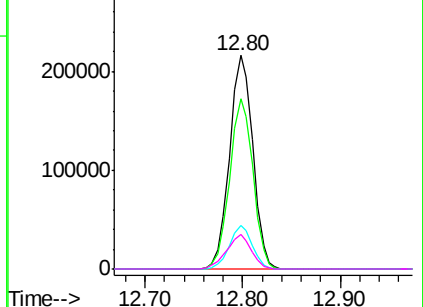


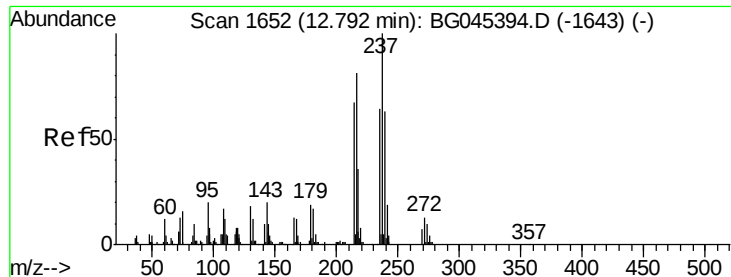
Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.192 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampled :

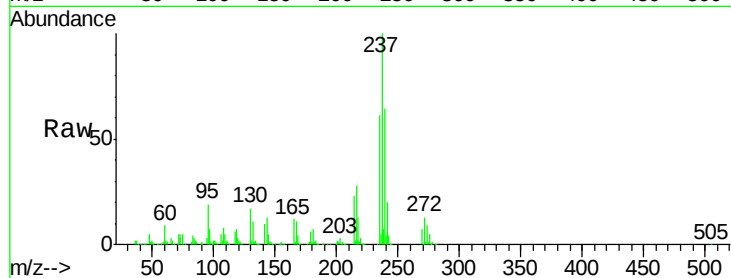
Tot Ion:237 Resp: 297077

Ion Ratio Lower Upper

237 100

235 61.5 44.4 84.4

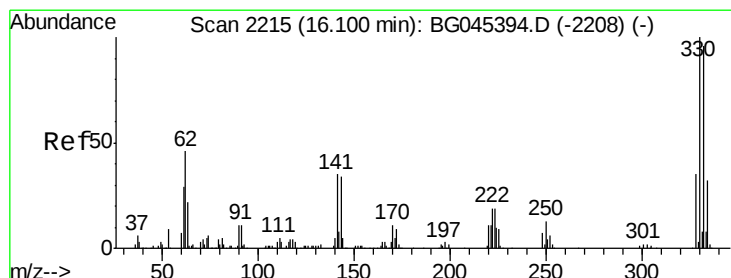
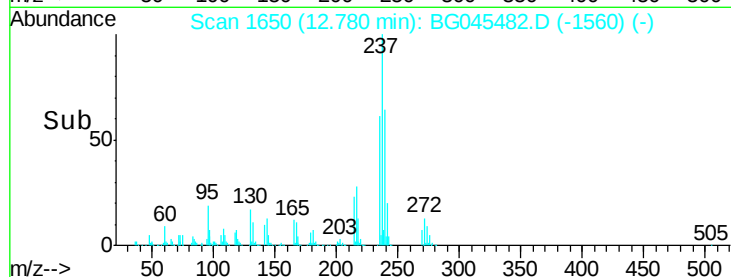
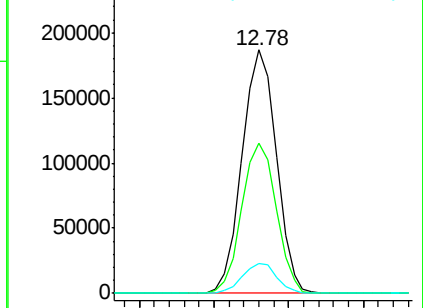
272 12.5 0.0 32.5



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: 104.482 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

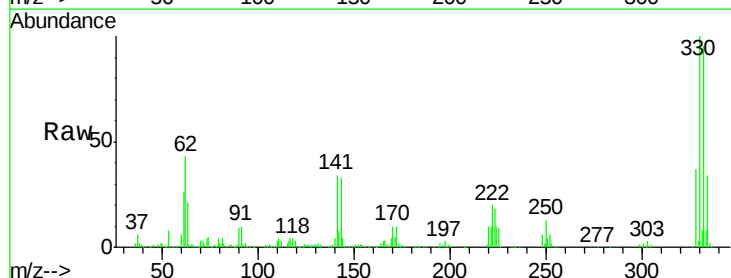
Tgt Ion:330 Resp: 366454

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

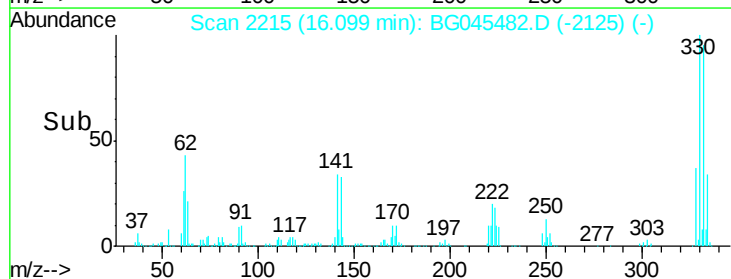
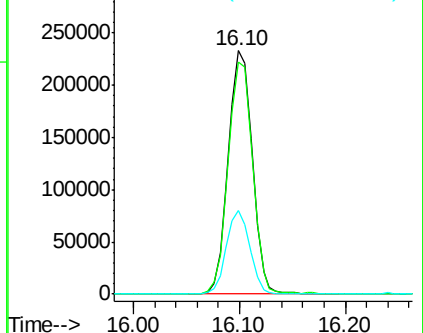
141 33.4 28.2 42.4

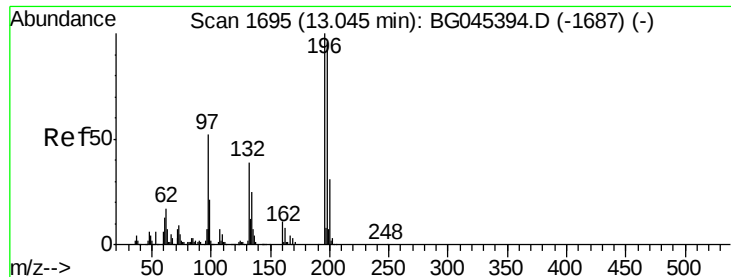


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

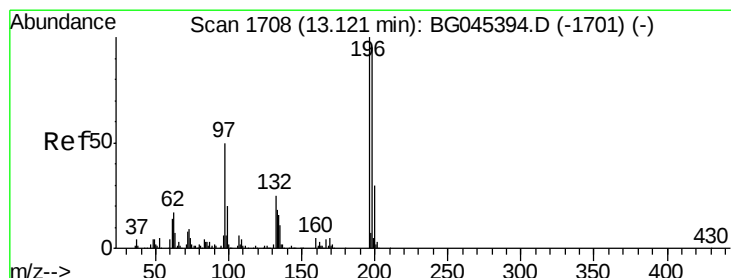
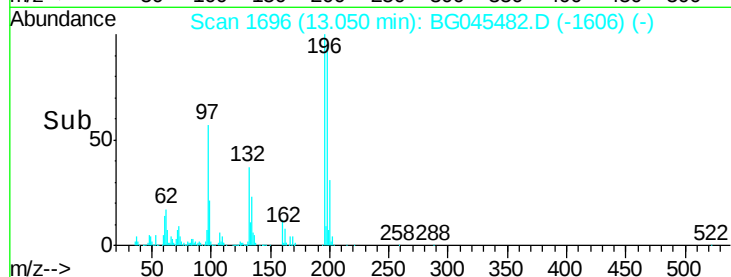
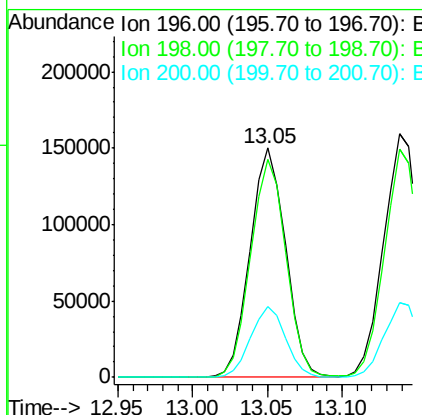
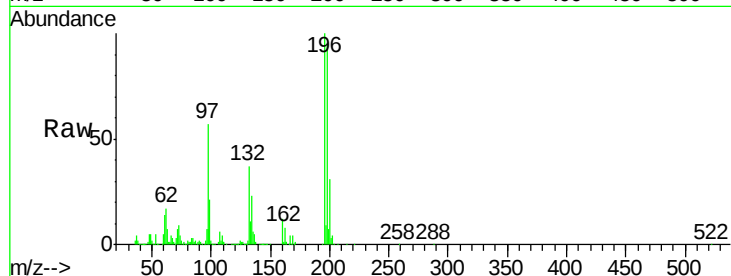




#43
 2,4,6-Trichlorophenol
 Concen: 46.328 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

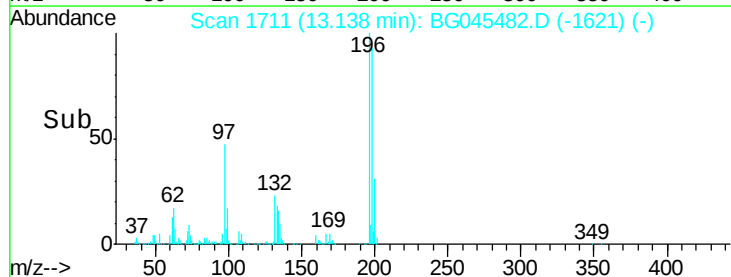
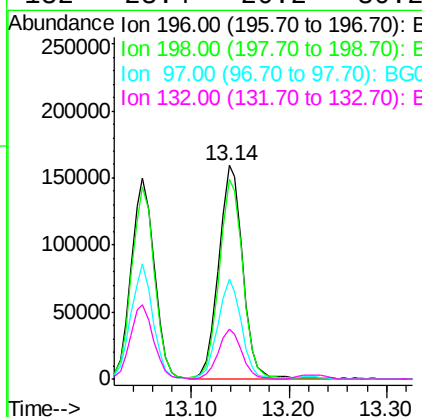
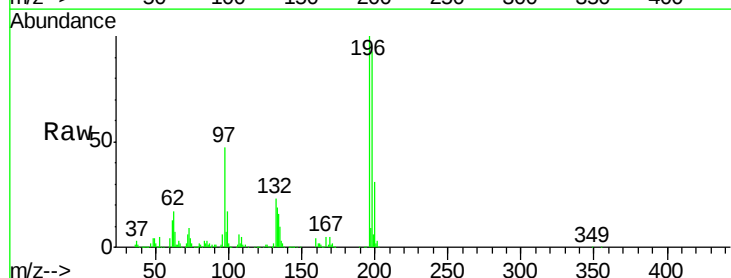
Instrument :
 BNA_G
 ClientSampleId :

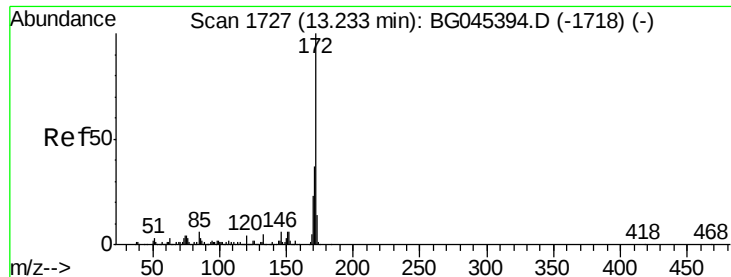
Tot Ion:196 Resp: 246524
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.7 115.1
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.568 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion:196 Resp: 271010
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.1 114.1
 97 46.8 40.0 60.0
 132 23.4 20.2 30.2

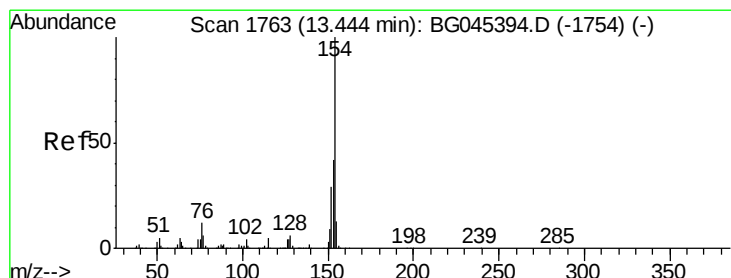
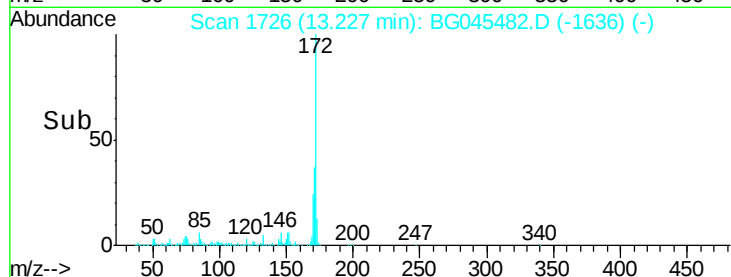
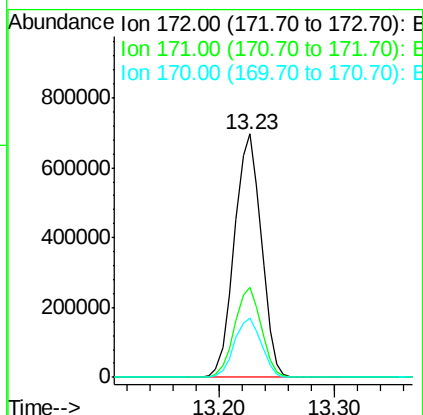
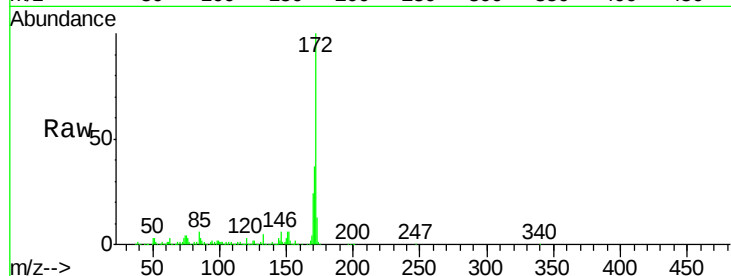




#45
2-Fluorobiphenyl
Concen: 69.603 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

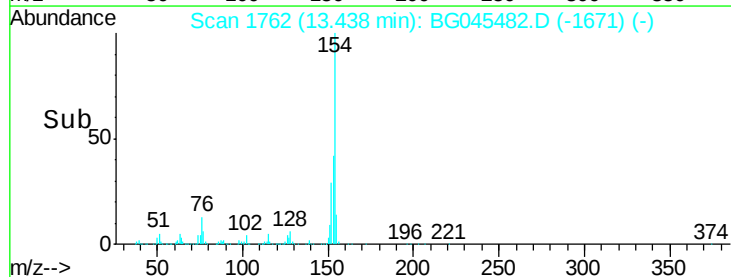
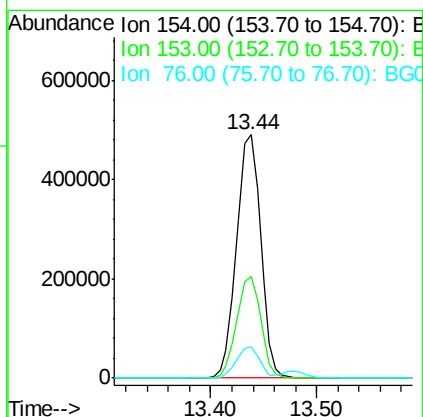
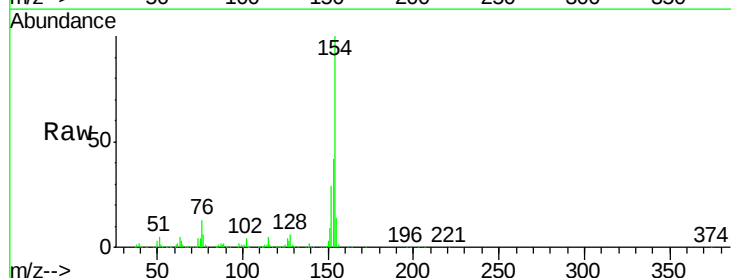
Instrument :
BNA_G
ClientSampleId :

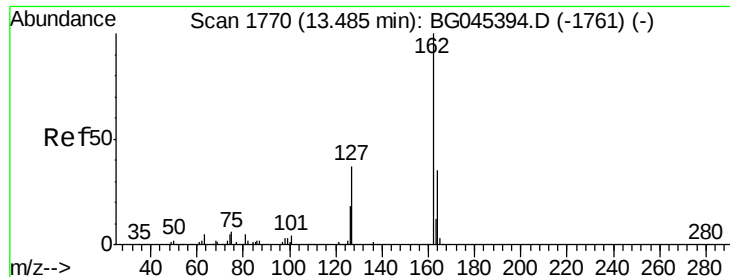
Tot Ion:172 Resp: 1125366
Ion Ratio Lower Upper
172 100
171 36.8 29.5 44.3
170 24.4 18.5 27.7



#46
1,1'-Biphenyl
Concen: 46.082 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:154 Resp: 776537
Ion Ratio Lower Upper
154 100
153 41.8 22.2 62.2
76 12.9 0.0 32.4

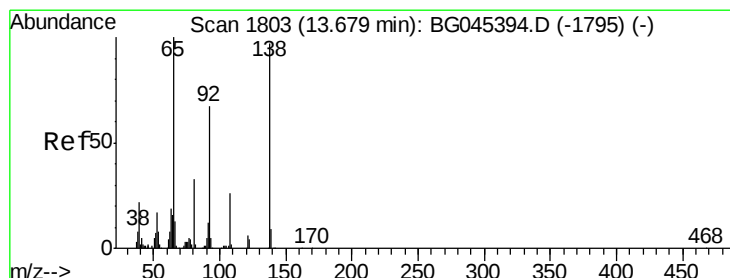
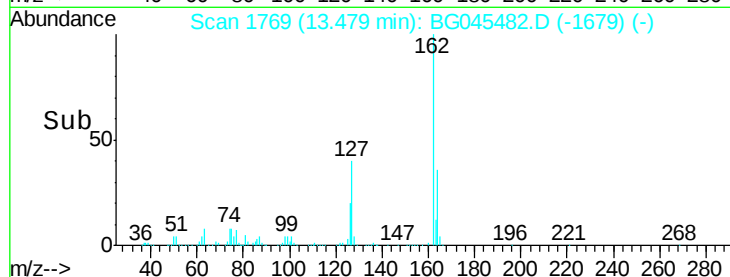
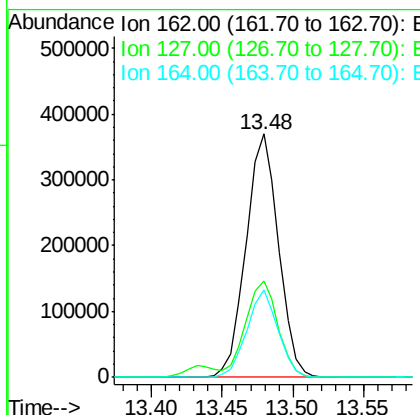
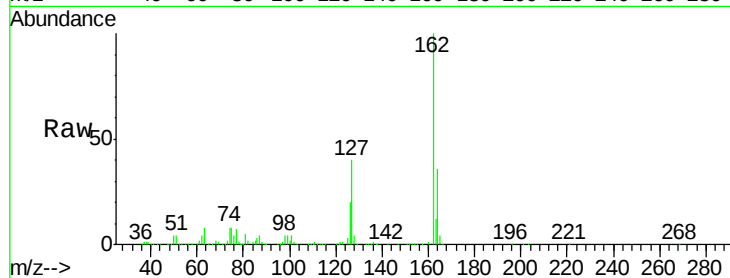




#47
 2-Chloronaphthalene
 Concen: 43.621 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

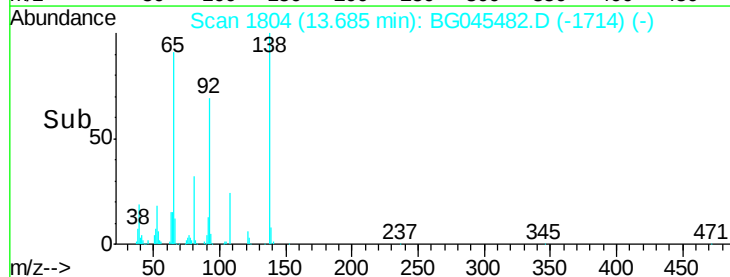
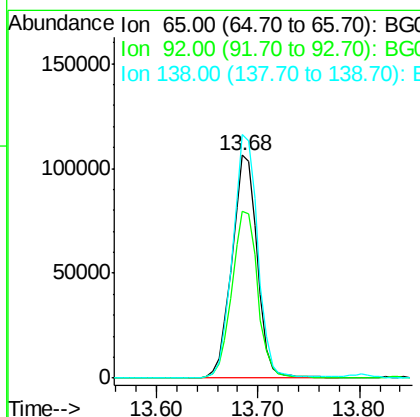
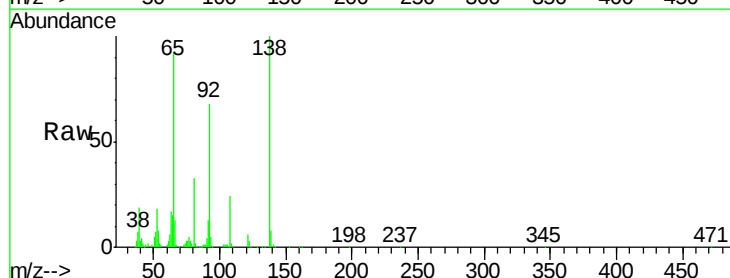
Instrument :
 BNA_G
 ClientSampleId :

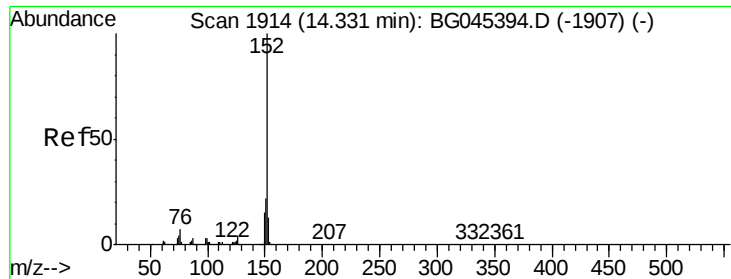
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.6	47.4
164	36.0	28.1	42.1



#48
 2-Nitroaniline
 Concen: 40.943 ng
 RT: 13.68 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	53.8	80.8
138	109.2	77.9	116.9





#49

Acenaphthylene

Concen: 44.362 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

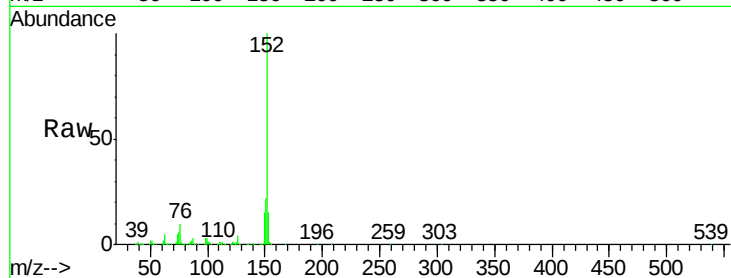
Tot Ion:152 Resp: 975078

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.2

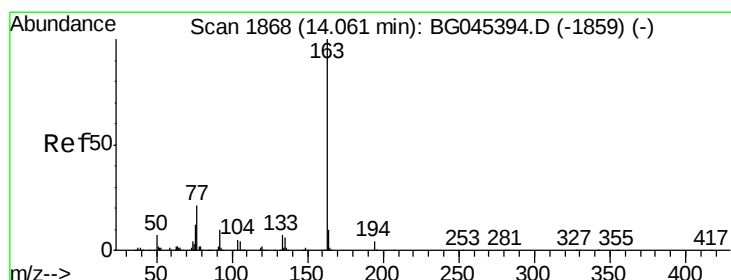
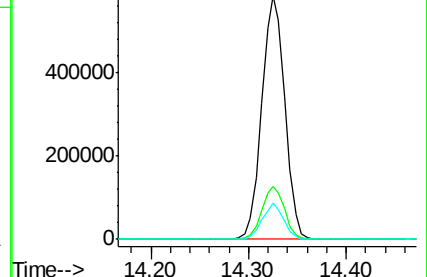
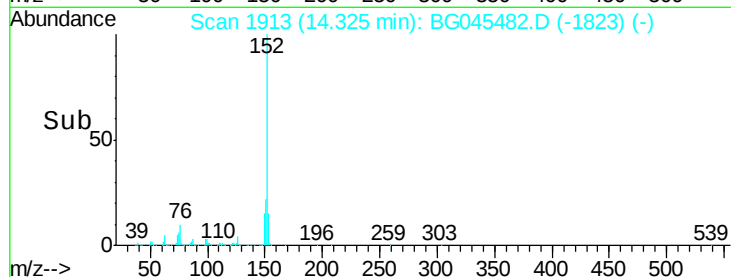
153 14.7 10.7 16.1



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: 45.472 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

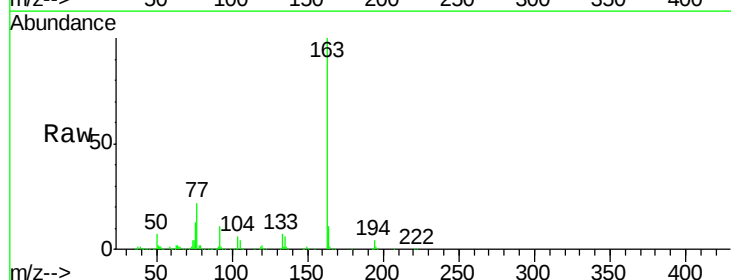
Tgt Ion:163 Resp: 855476

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

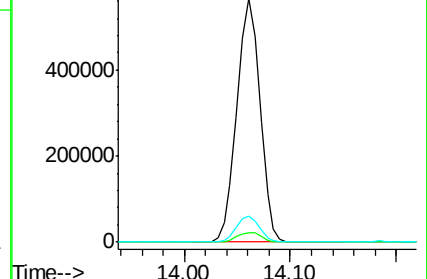
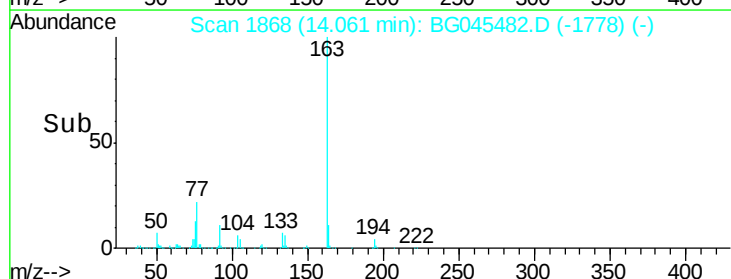
164 10.9 8.3 12.5

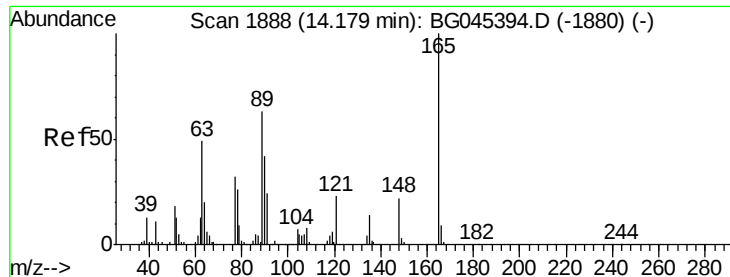


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

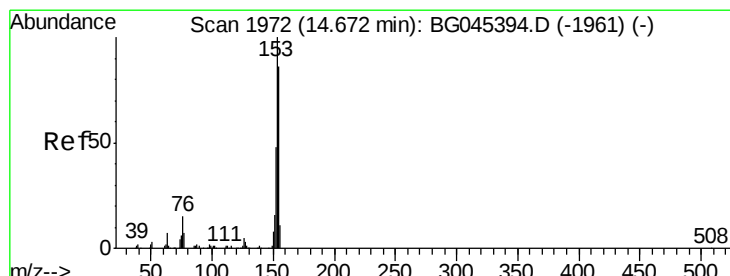
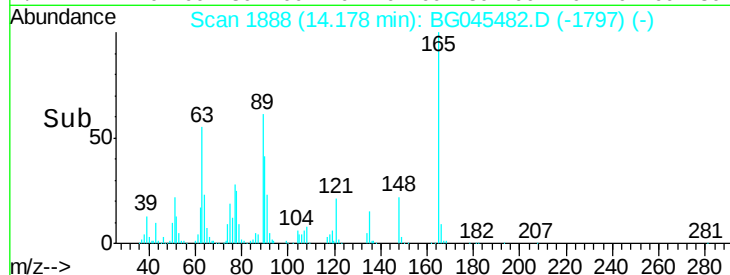
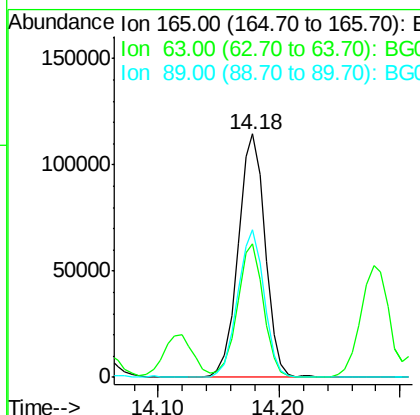
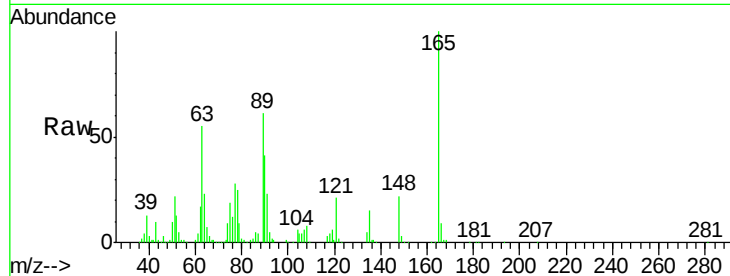




#51
 2,6-Dinitrotoluene
 Concen: 41.986 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

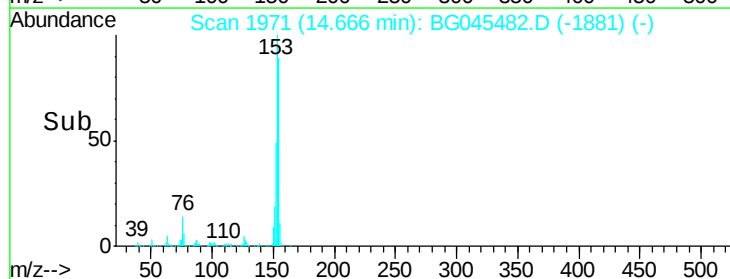
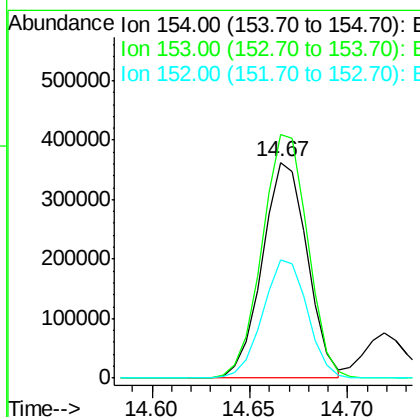
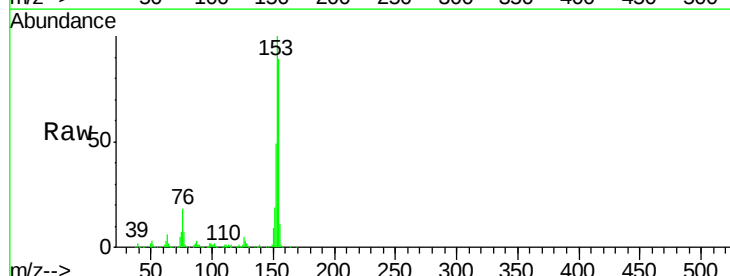
Instrument :
 BNA_G
 ClientSampleId :

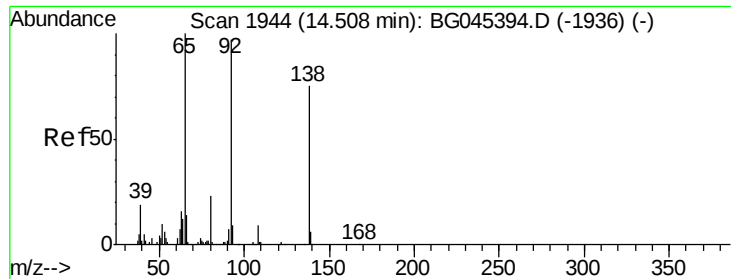
Tot Ion:165 Resp: 178240
 Ion Ratio Lower Upper
 165 100
 63 54.8 45.0 67.4
 89 60.5 50.2 75.4



#52
 Acenaphthene
 Concen: 39.397 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Tgt Ion:154 Resp: 579645
 Ion Ratio Lower Upper
 154 100
 153 112.8 92.8 139.2
 152 55.0 44.6 66.8

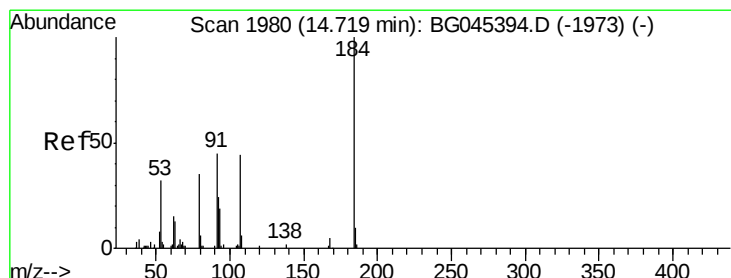
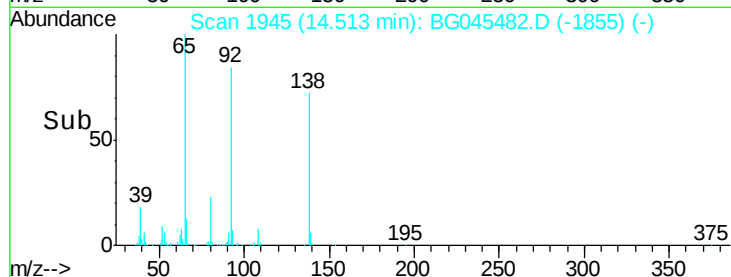
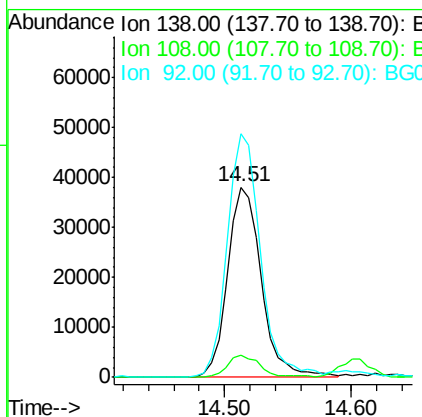
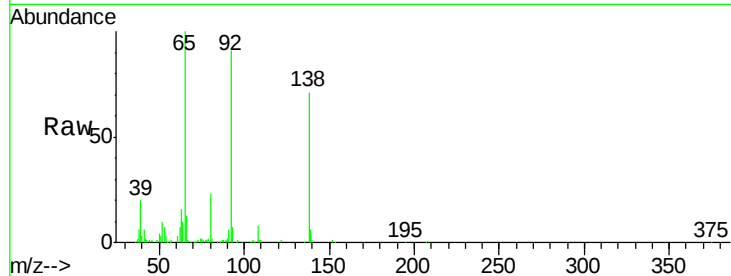




#53
3-Nitroaniline
Concen: 16.198 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

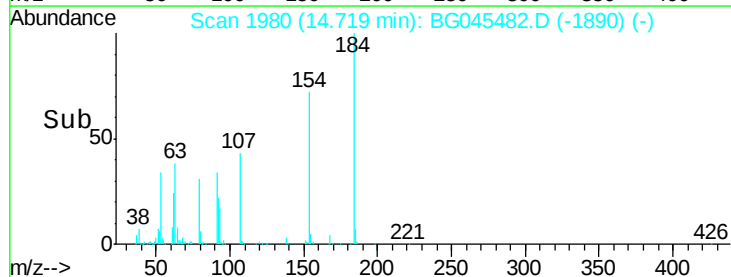
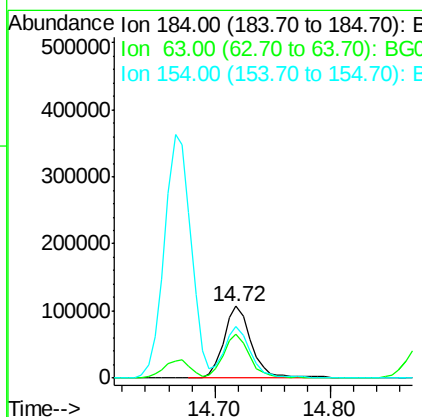
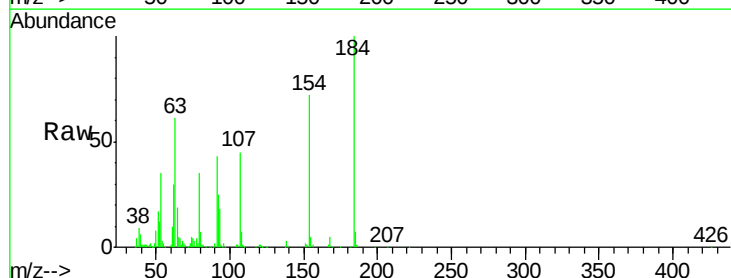
Instrument :
BNA_G
ClientSampleId :

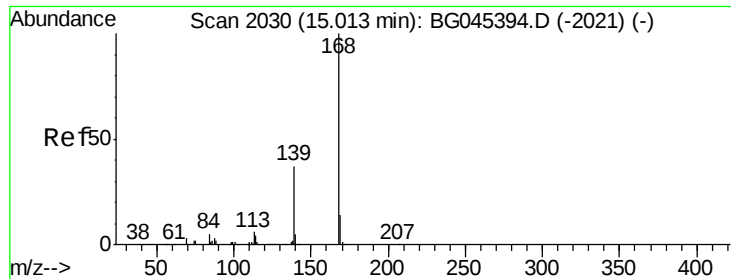
Tot Ion:138 Resp: 69900
Ion Ratio Lower Upper
138 100
108 11.6 9.8 14.6
92 128.0 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 64.424 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:184 Resp: 175984
Ion Ratio Lower Upper
184 100
63 60.7 47.8 71.6
154 71.6 58.3 87.5

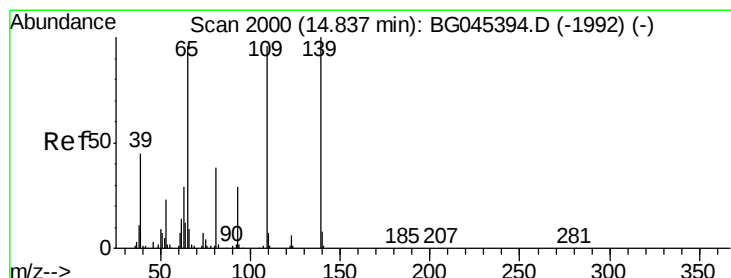
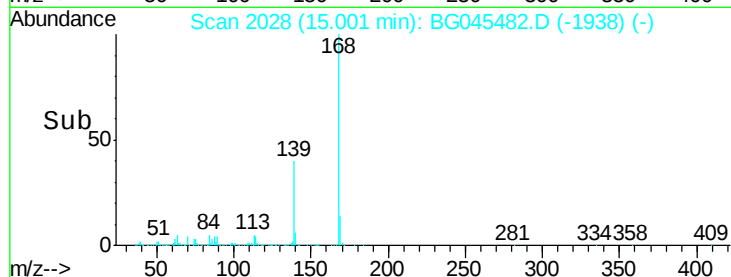
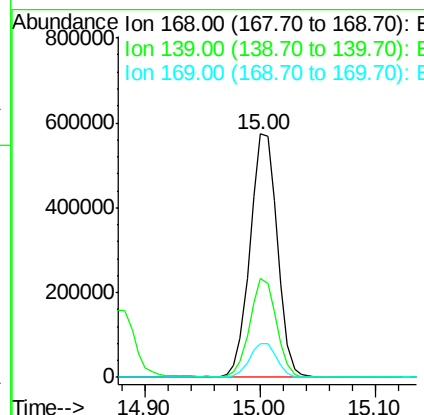
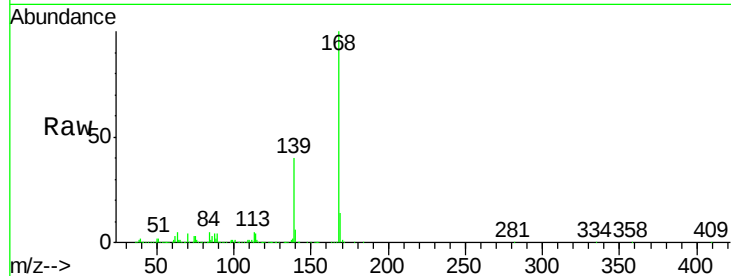




#55
Dibenzofuran
Concen: 43.121 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

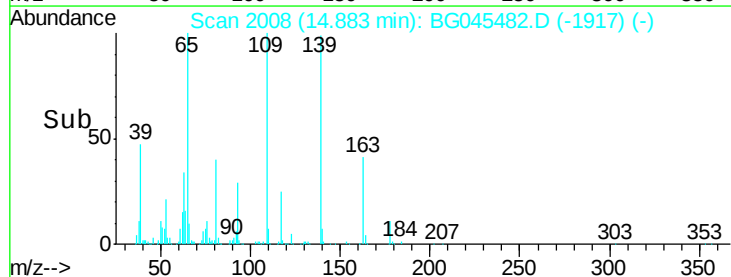
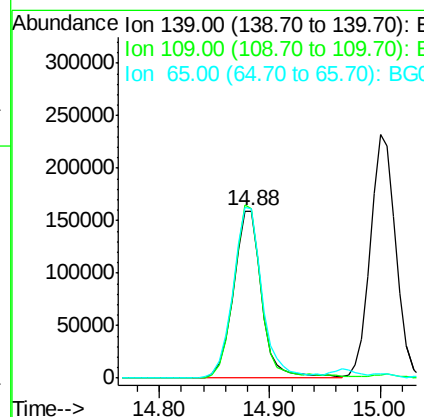
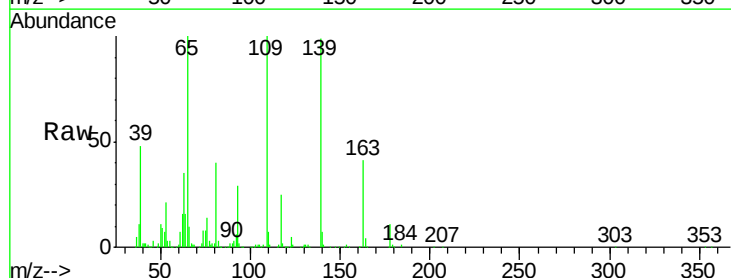
Instrument :
BNA_G
ClientSampleId :

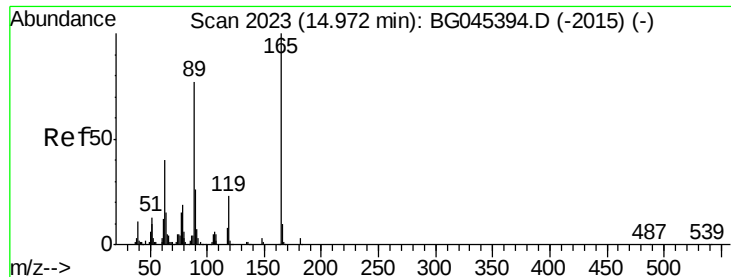
Tot Ion:168 Resp: 942142
Ion Ratio Lower Upper
168 100
139 40.4 29.9 44.9
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 87.533 ng
RT: 14.88 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:139 Resp: 285989
Ion Ratio Lower Upper
139 100
109 101.1 75.6 115.6
65 101.5 76.8 116.8

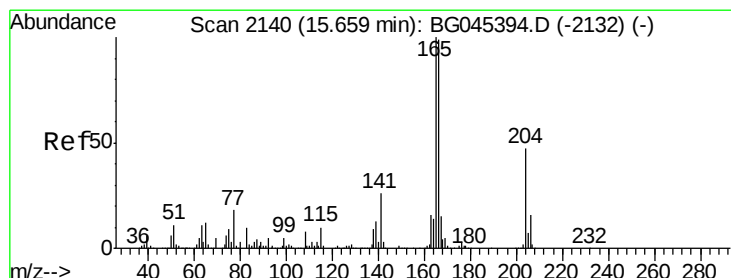
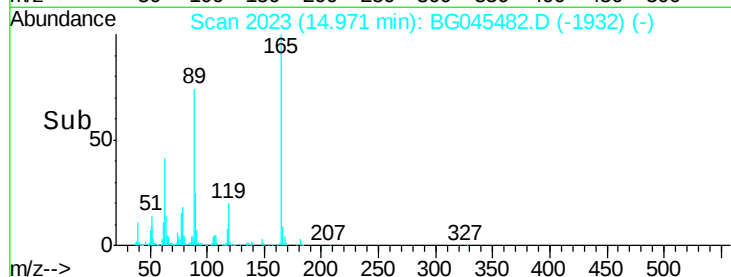
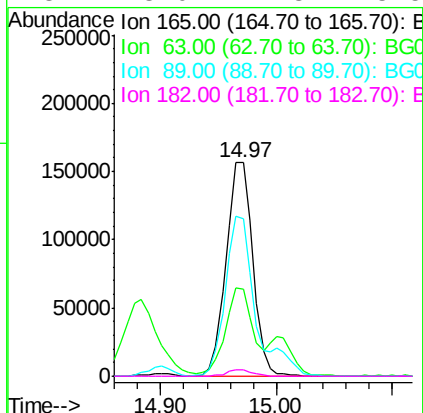
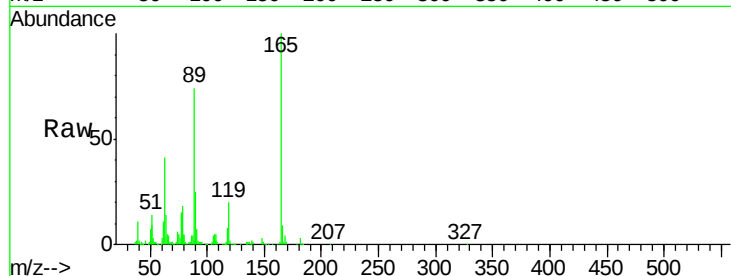




#57
2,4-Dinitrotoluene
Concen: 40.935 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

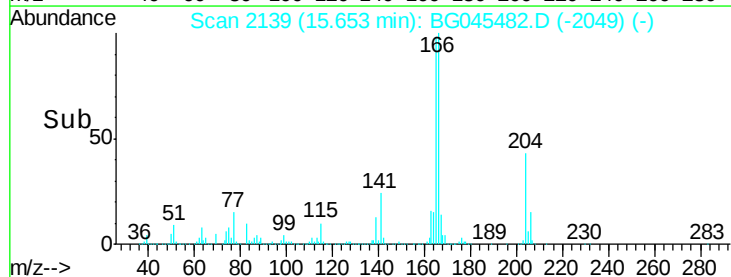
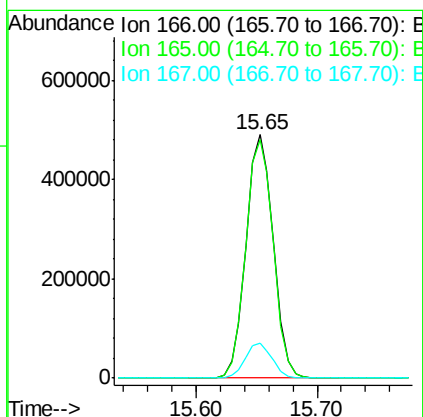
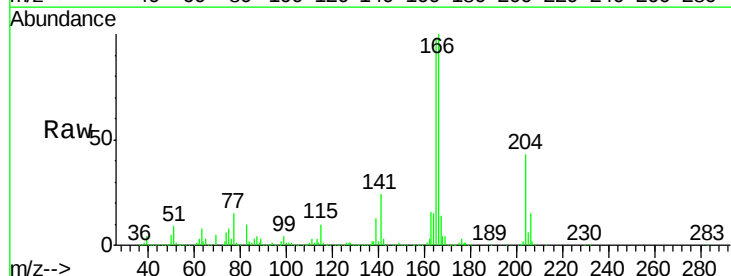
Instrument :
BNA_G
ClientSampleId :

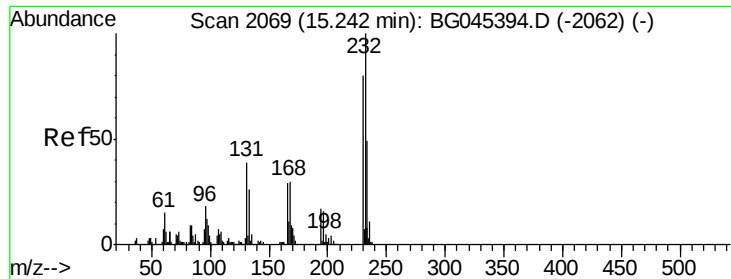
Tot Ion:165	Resp:	251680
Ion Ratio	Lower	Upper
165	100	
63	40.9	32.5 48.7
89	74.0	61.8 92.6
182	3.0	2.3 3.5



#58
Fluorene
Concen: 42.949 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:166	Resp:	770930
Ion Ratio	Lower	Upper
166	100	
165	97.8	80.8 121.2
167	14.2	12.0 18.0

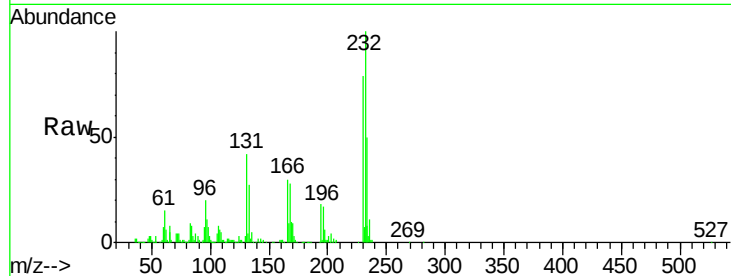




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.758 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	239442
Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.7	50.5
130	2.5	2.1	3.1
166	28.5	23.2	34.8

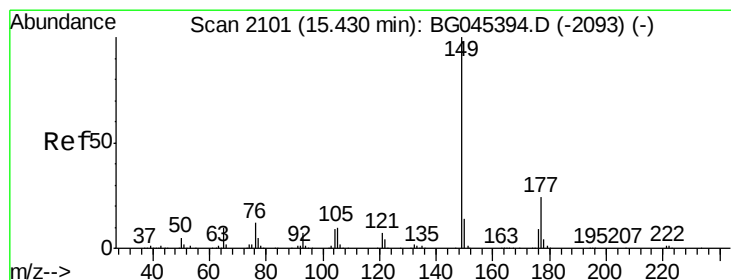
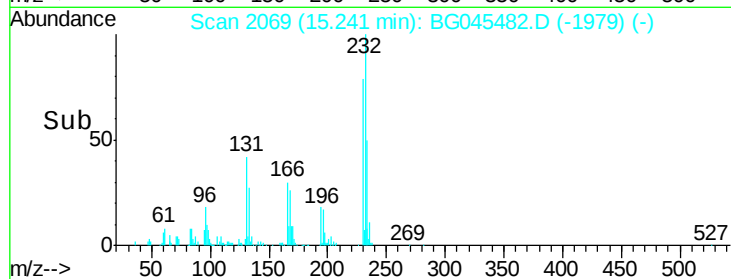
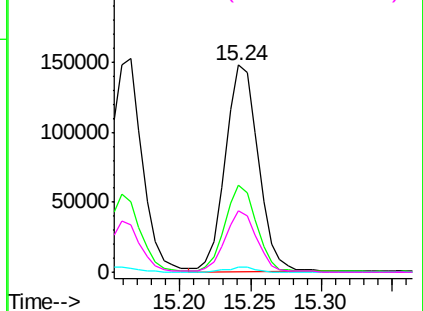


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

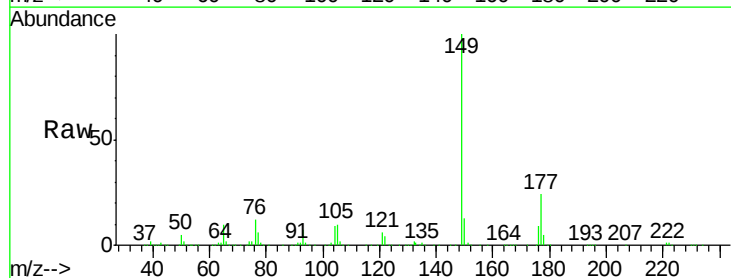
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.499 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045482.D
 Acq: 27 May 2020 18:56

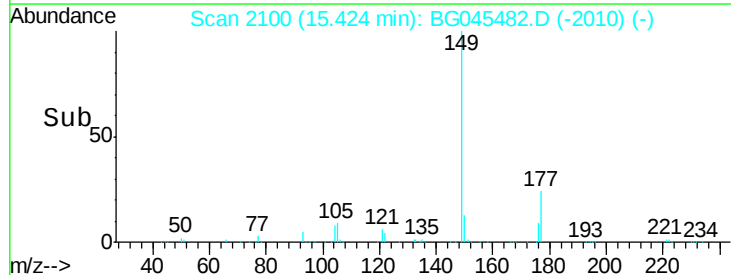
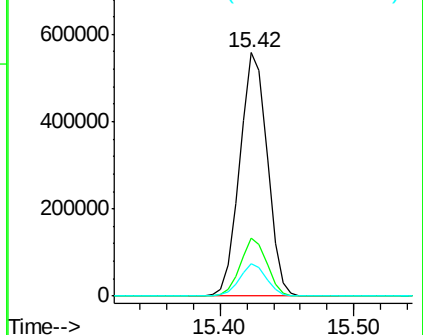
Tgt Ion:	149	Resp:	793033
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	13.5	11.4	17.0

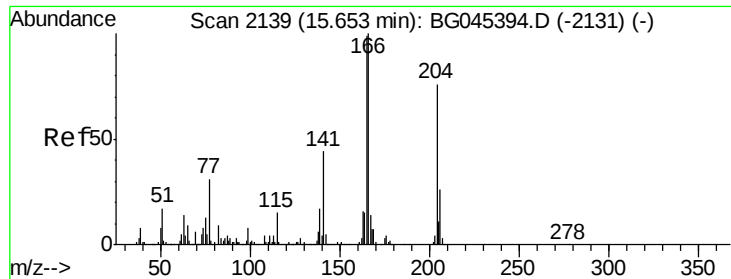


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

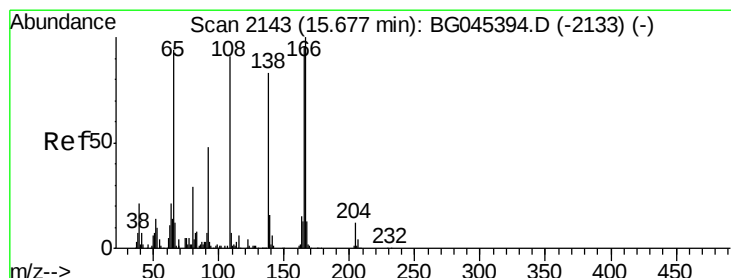
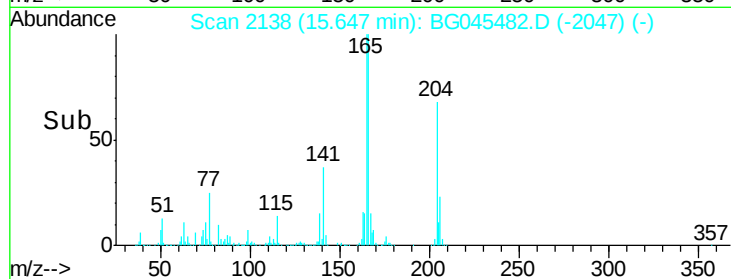
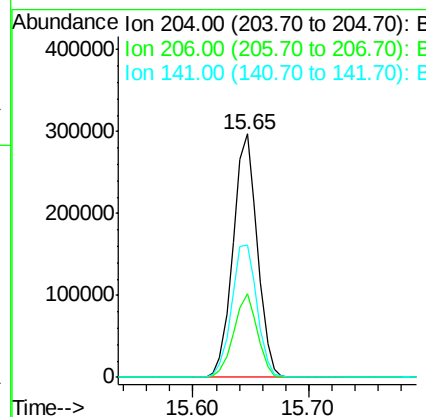
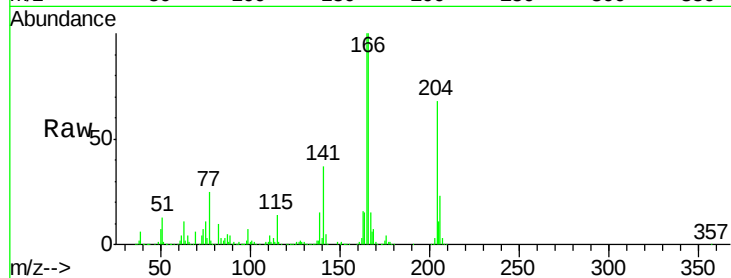




#61
4-Chlorophenyl-phenylether
Concen: 41.902 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

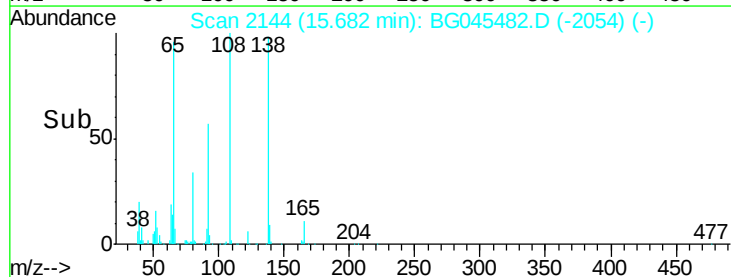
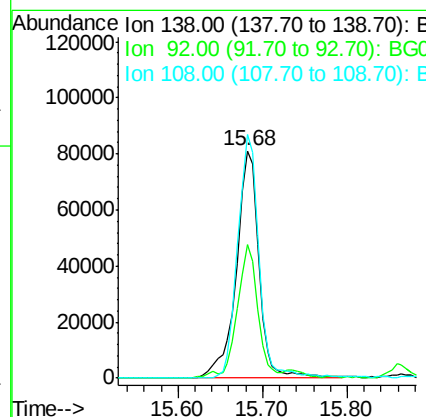
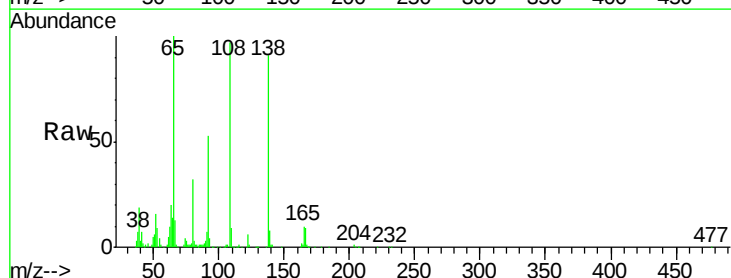
Instrument :
BNA_G
ClientSampleId :

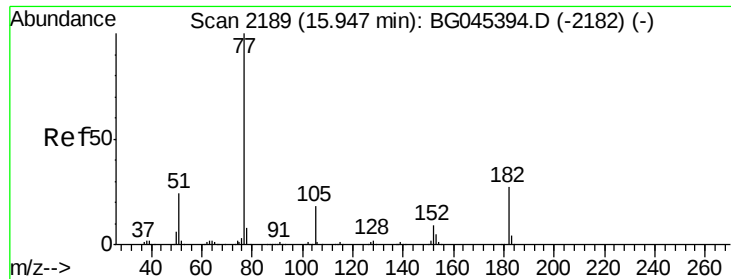
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.3	40.9
141	54.4	45.9	68.9



#62
4-Nitroaniline
Concen: 33.244 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	38.0	78.0
108	107.1	89.3	129.3

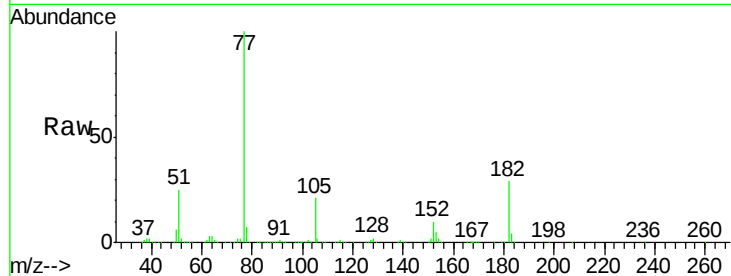




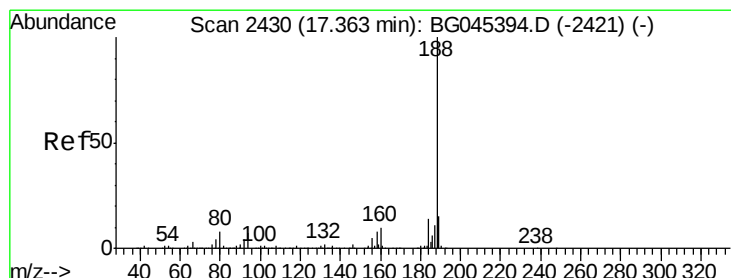
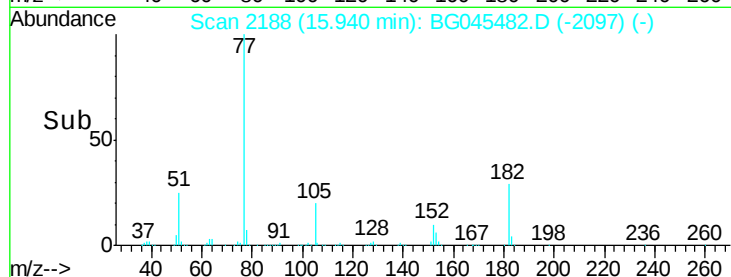
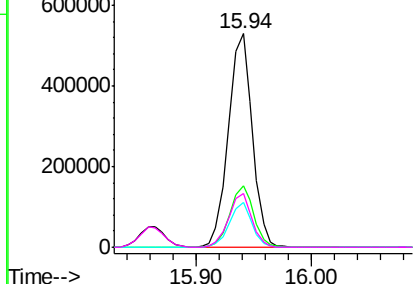
#63
Azobenzene
Concen: 41.430 ng
RT: 15.94 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	756456
Ion	Ratio	Lower	Upper
77	100		
182	28.7	6.5	46.5
105	20.7	0.0	37.9
51	25.4	4.1	44.1

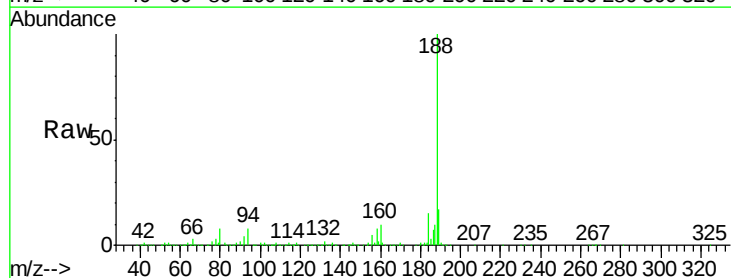


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

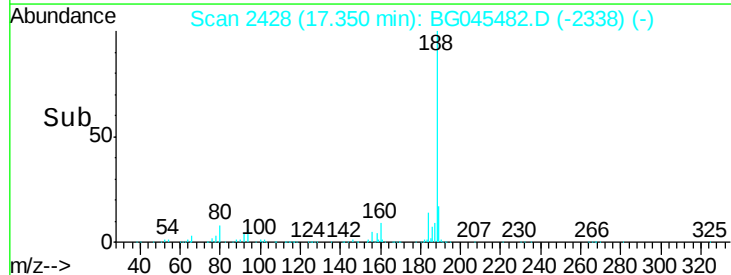
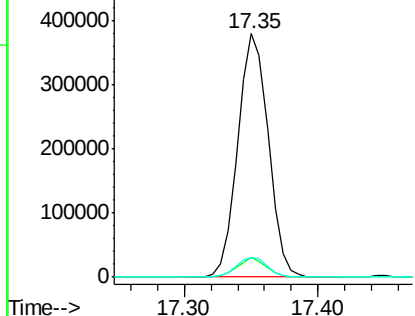


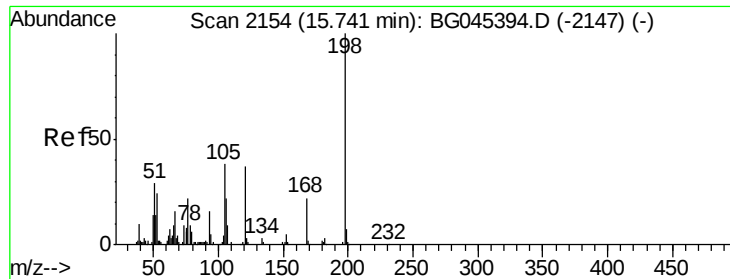
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:	188	Resp:	598789
Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.5	8.3
80	8.3	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

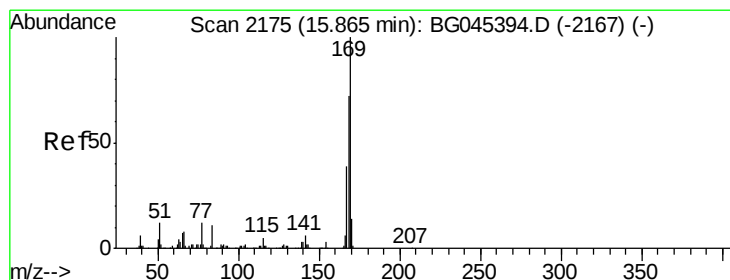
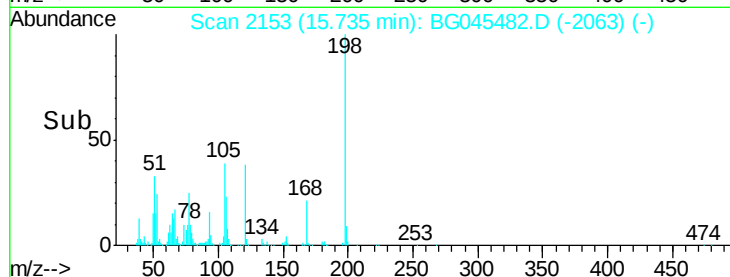
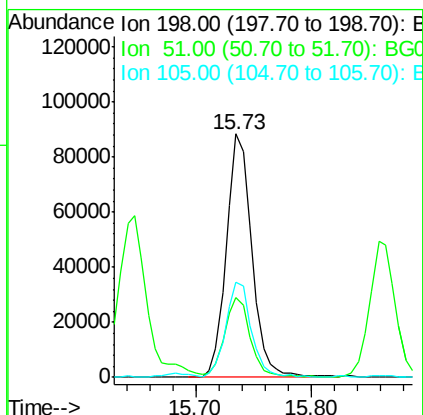
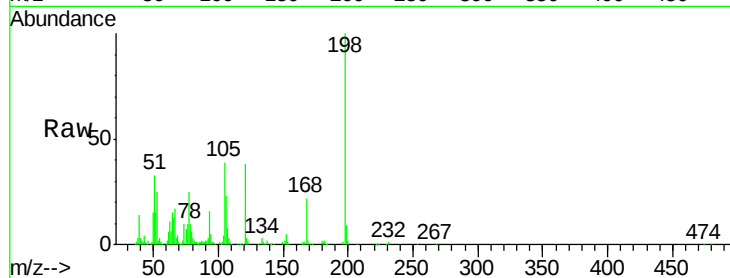




#65
4,6-Dinitro-2-methylphenol
Concen: 38.786 ng
RT: 15.73 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

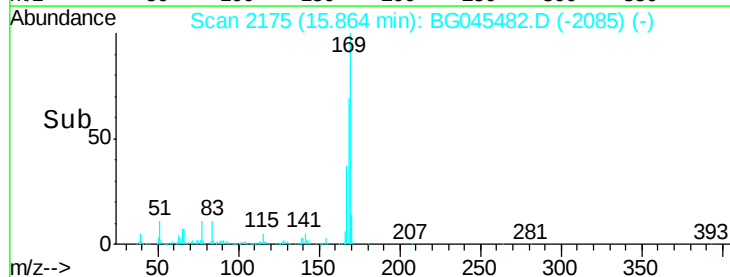
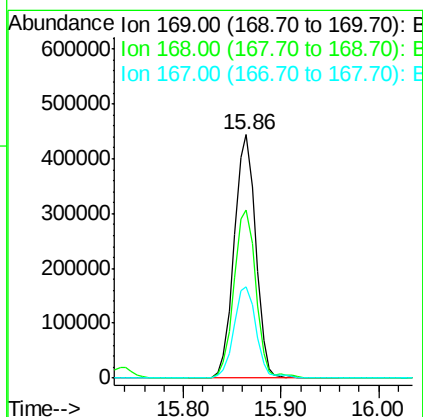
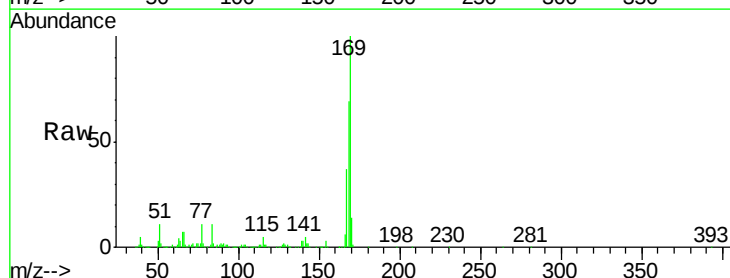
Instrument :
BNA_G
ClientSampled :

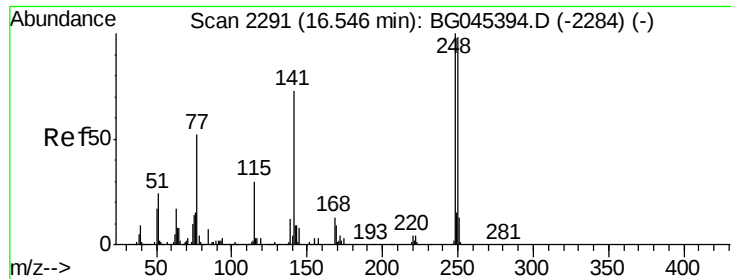
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.7	10.0	50.0
105	39.0	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 47.304 ng
RT: 15.86 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	57.8	86.6
167	37.5	31.5	47.3

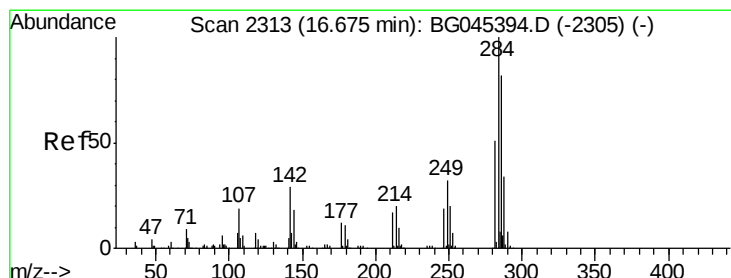
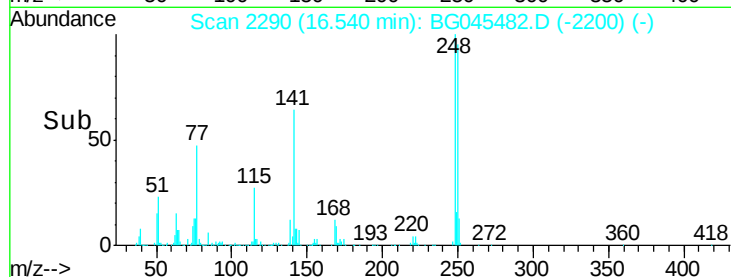
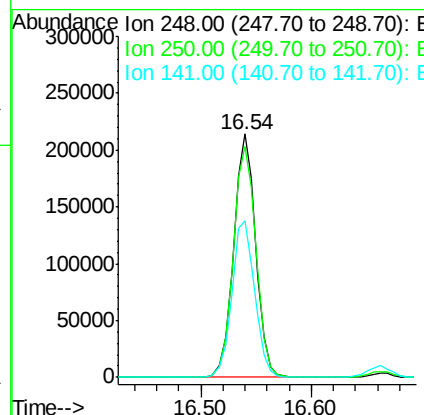
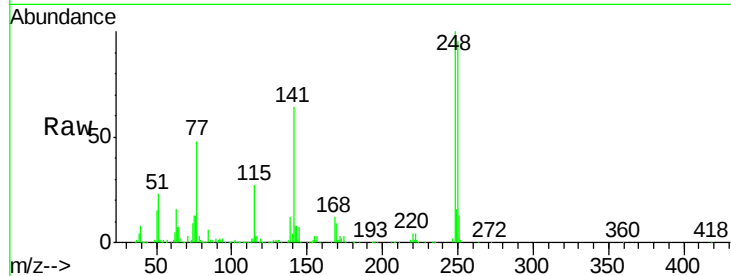




#67
4-Bromophenyl-phenylether
Concen: 46.115 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

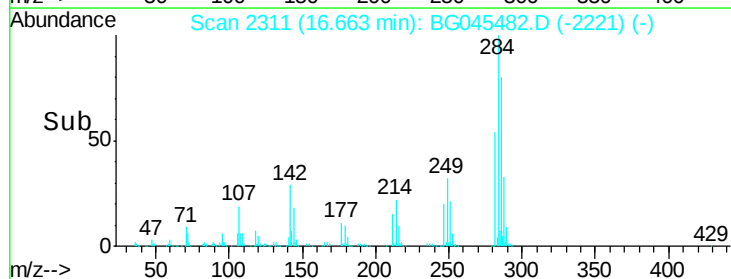
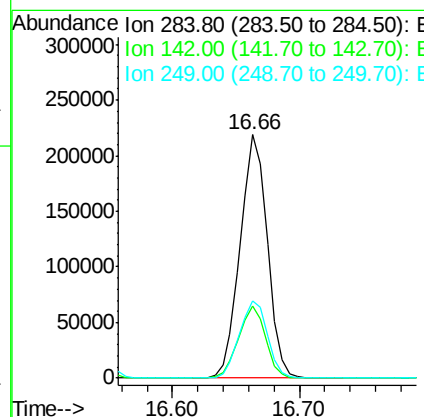
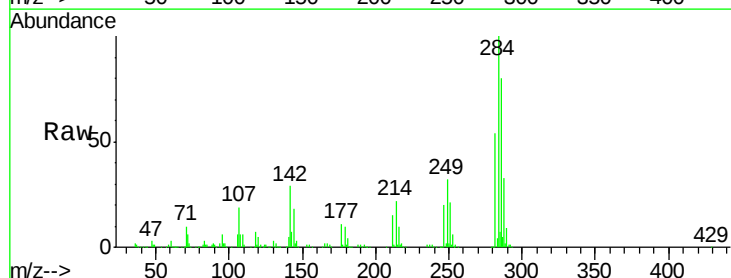
Instrument :
BNA_G
ClientSampled :

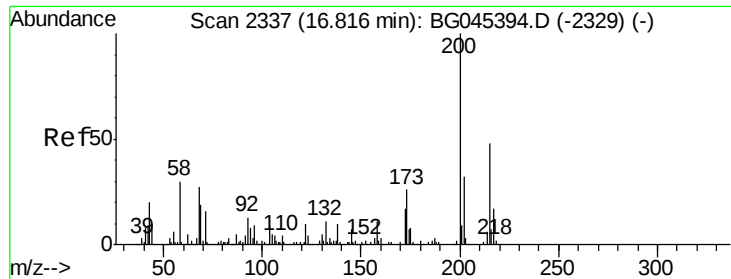
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	78.6	117.8
141	64.3	58.2	87.2



#68
Hexachlorobenzene
Concen: 47.627 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	23.0	34.6
249	31.8	25.8	38.6

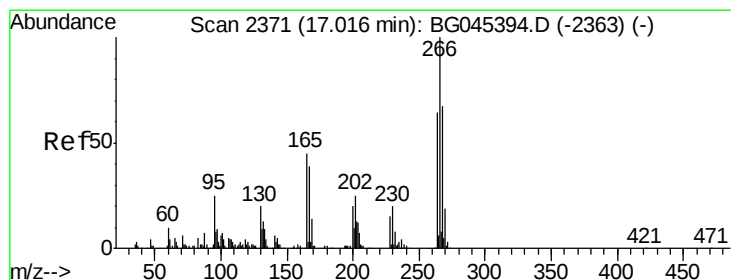
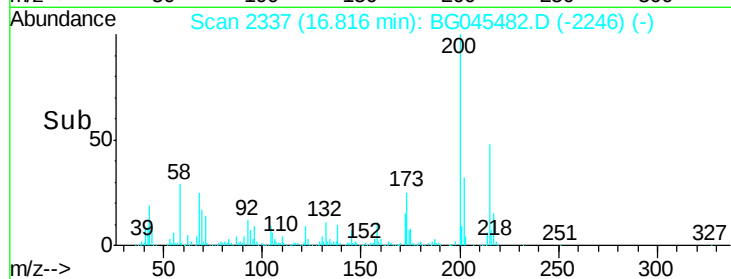
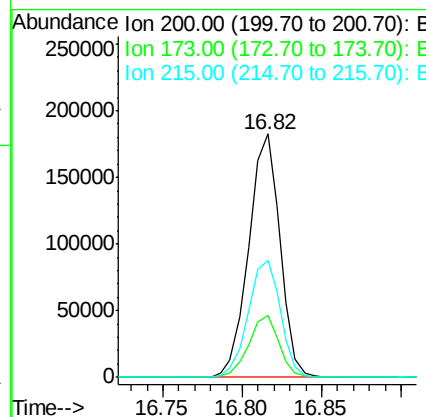
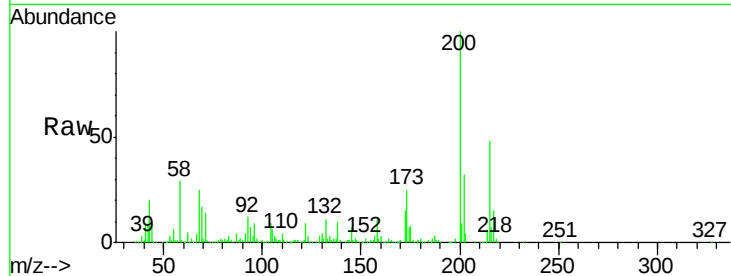




#69
Atrazine
Concen: 42.172 ng
RT: 16.82 min Scan# 2337
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

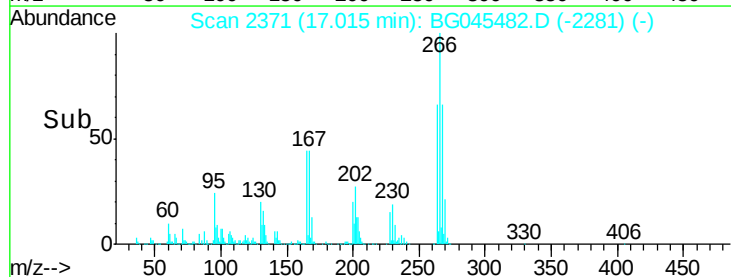
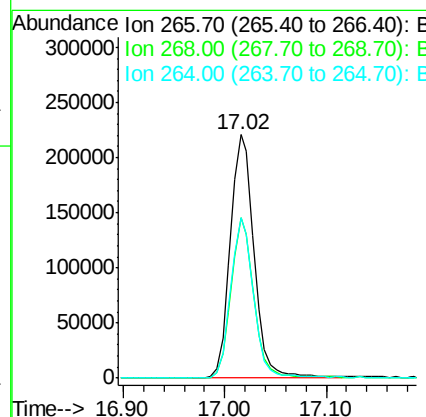
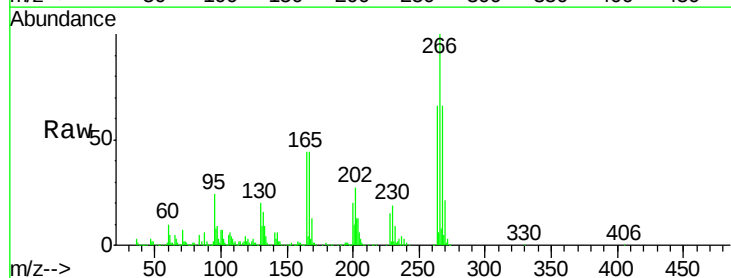
Instrument :
BNA_G
ClientSampleId :

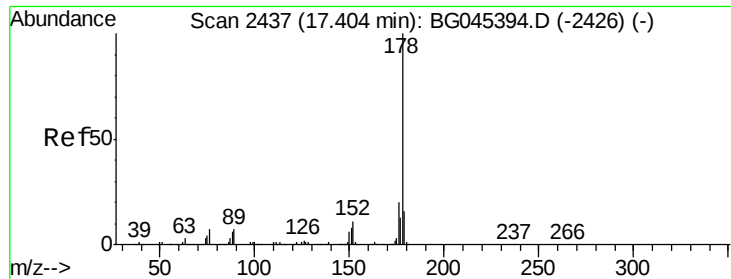
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.5	45.5
215	47.8	28.2	68.2



#70
Pentachlorophenol
Concen: 102.295 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	53.2	79.8
264	66.1	51.0	76.4





#71

Phenanthrene

Concen: 47.371 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

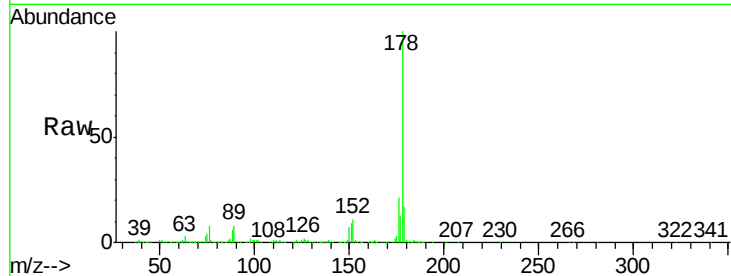
Tot Ion:178 Resp: 1238310

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

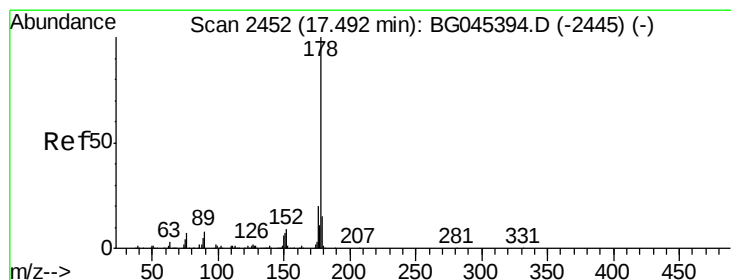
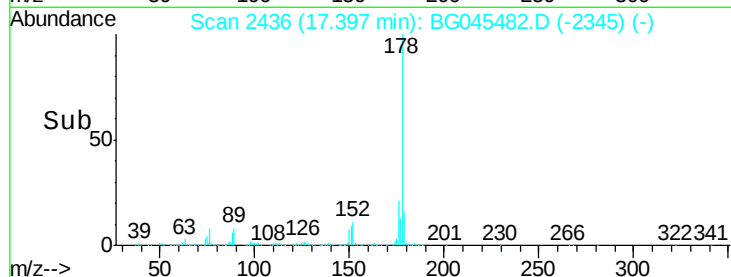
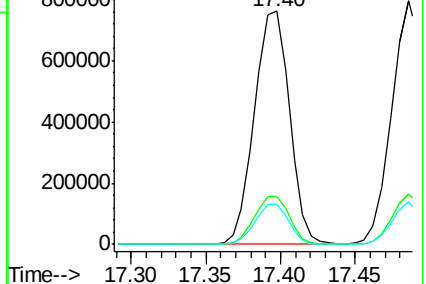
179 17.0 13.1 19.7



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: 46.585 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

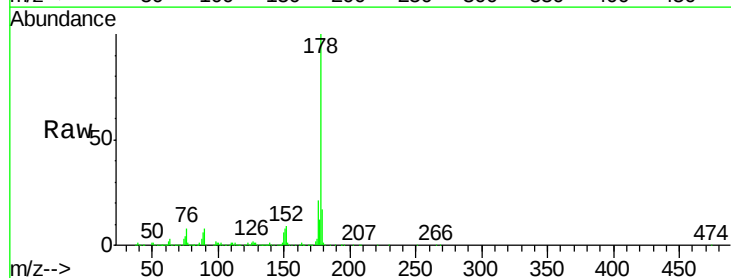
Tgt Ion:178 Resp: 1222894

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.6

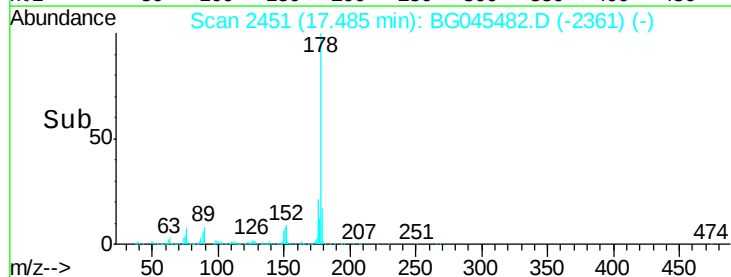
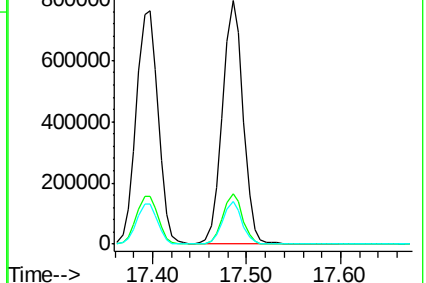
179 17.4 12.2 18.4

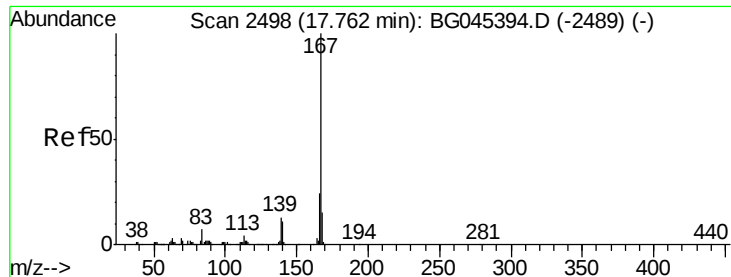


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.771 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

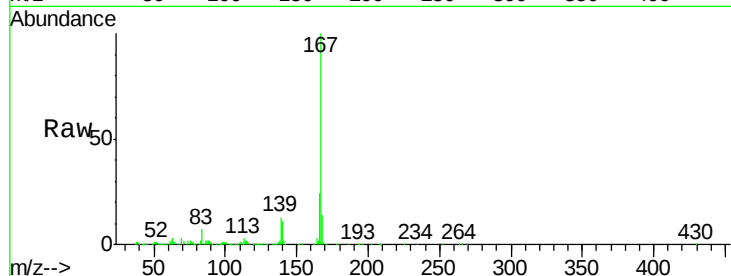
Tot Ion:167 Resp: 1094458

Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.2	28.8
139	12.9	10.6	16.0

167 100

166 23.9 19.2 28.8

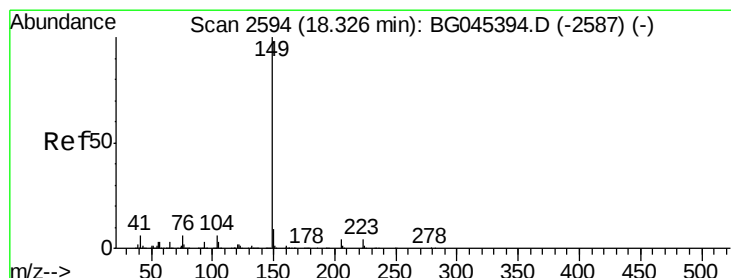
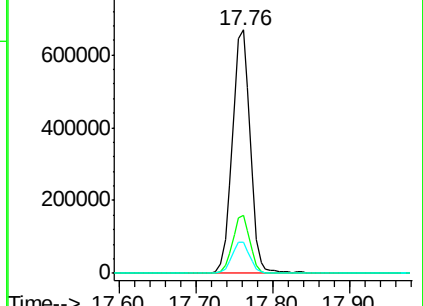
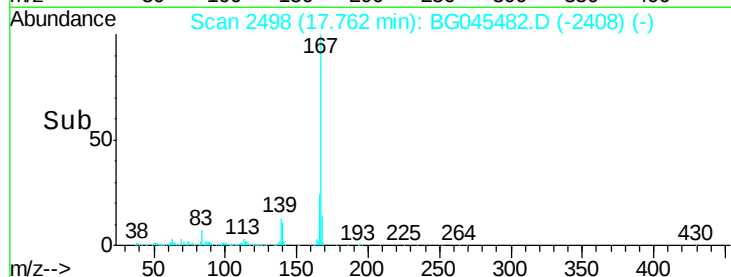
139 12.9 10.6 16.0



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: 41.965 ng

RT: 18.31 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

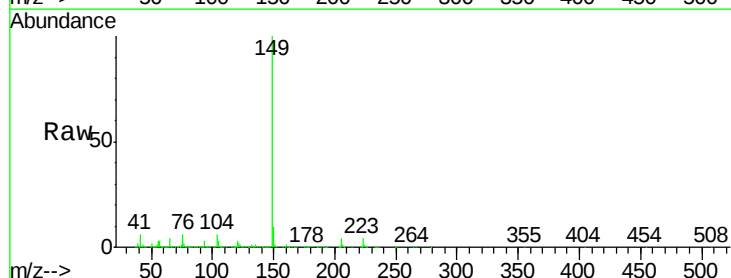
Tgt Ion:149 Resp: 1288843

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	6.3	5.0	7.4

149 100

150 10.0 7.6 11.4

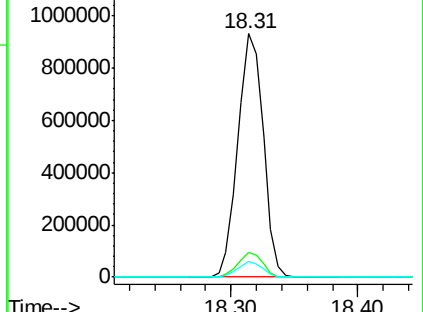
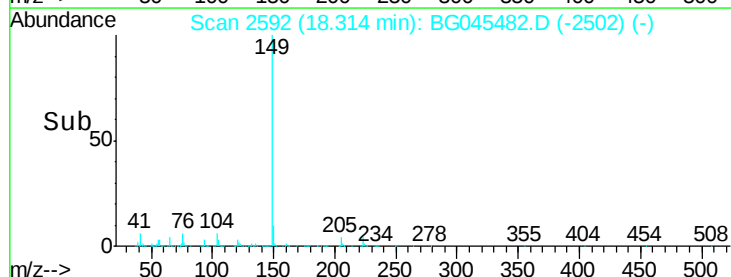
104 6.3 5.0 7.4

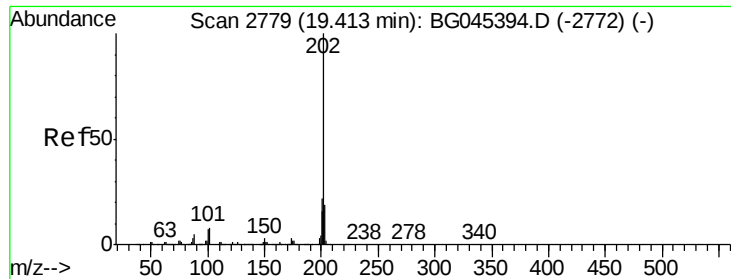


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.932 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampled :

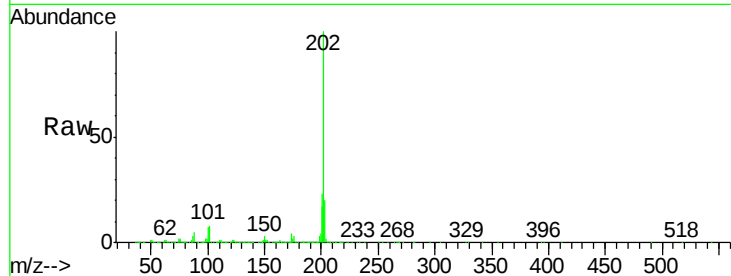
Tot Ion:202 Resp: 1527202

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.3

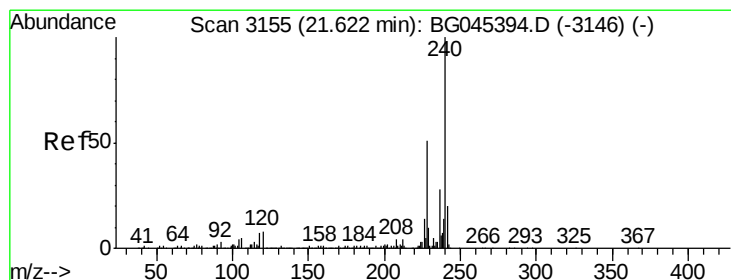
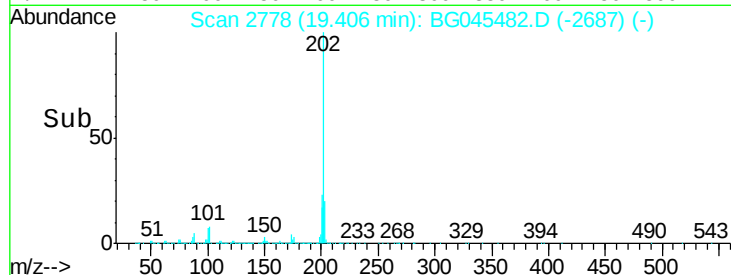
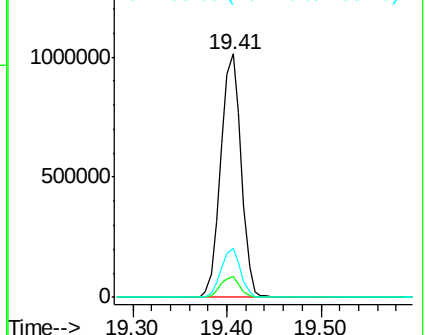
203 20.1 0.0 39.0



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: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

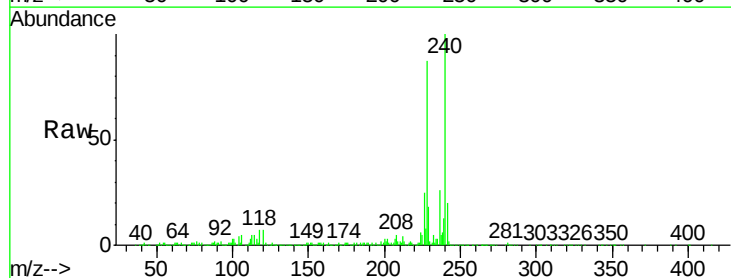
Tgt Ion:240 Resp: 518479

Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

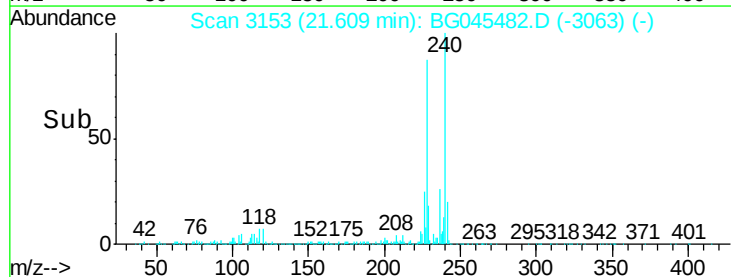
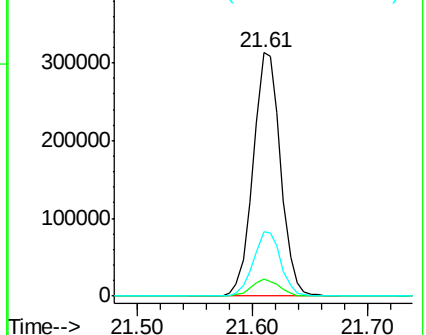
236 26.3 22.3 33.5

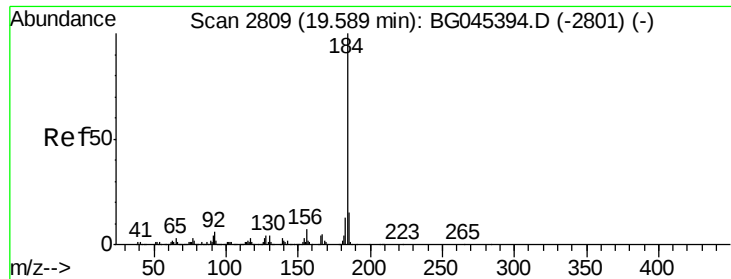


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.654 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

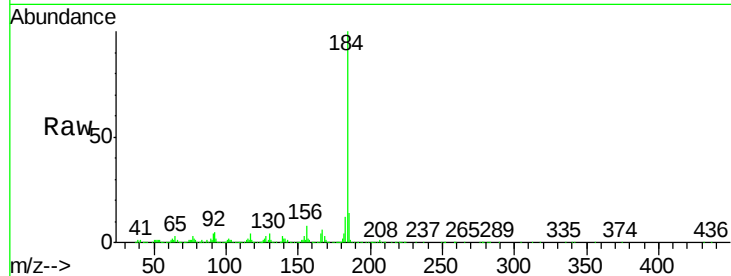
Tot Ion:184 Resp: 519190

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

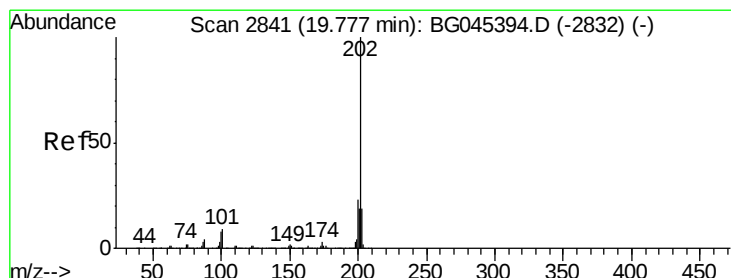
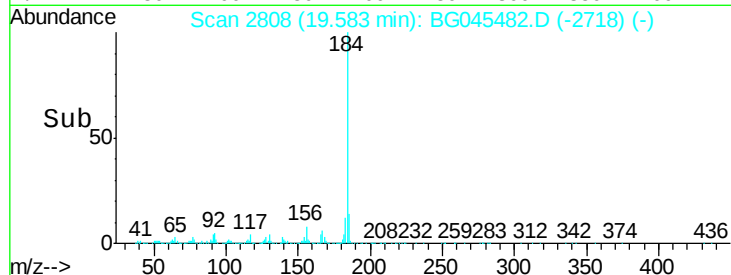
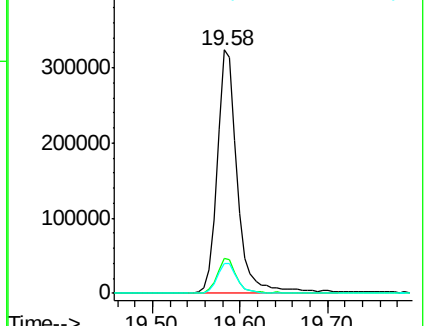
183 12.2 10.2 15.4



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: 50.394 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

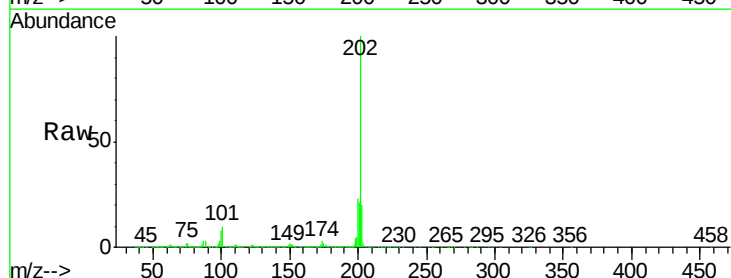
Tgt Ion:202 Resp: 1489404

Ion Ratio Lower Upper

202 100

200 23.2 18.2 27.2

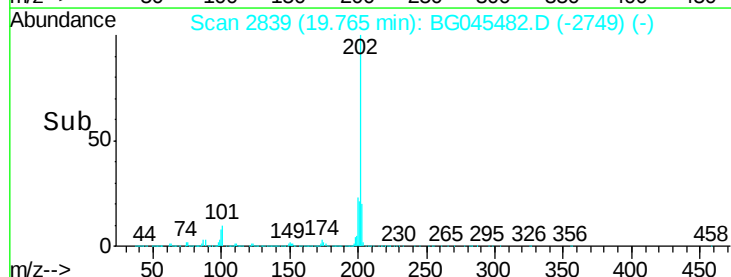
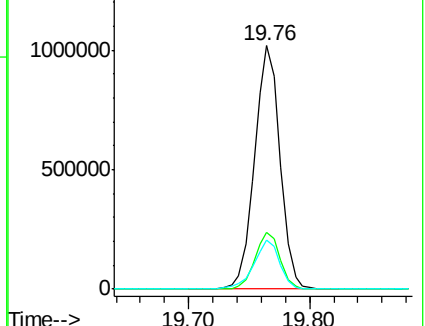
203 20.1 15.1 22.7

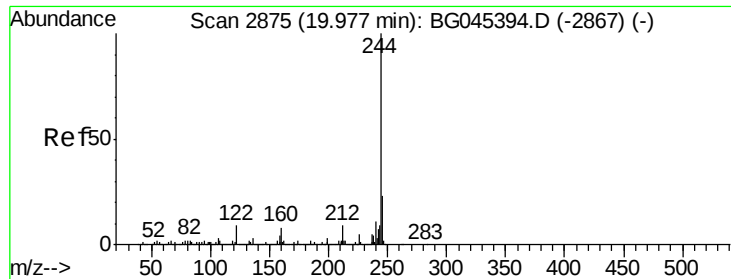


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.326 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

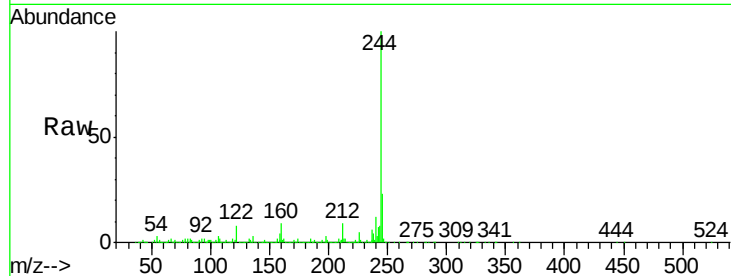
Tot Ion:244 Resp: 1674517

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	8.4	6.8	10.2

244 100

212 9.3 7.4 11.0

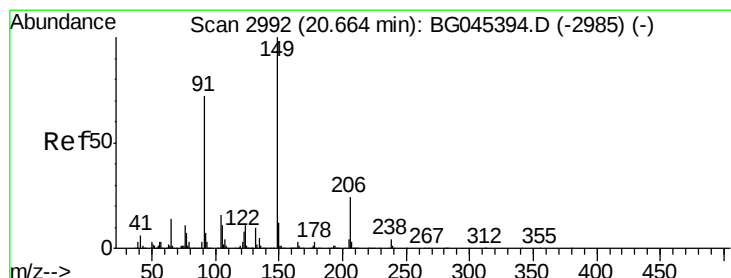
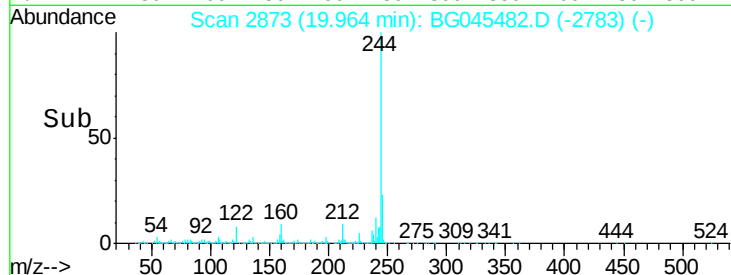
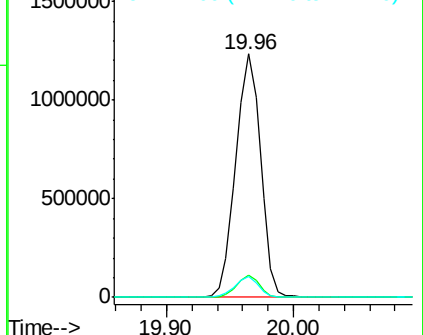
122 8.4 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.478 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

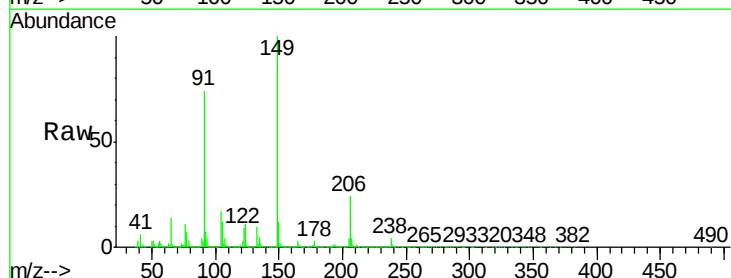
Tgt Ion:149 Resp: 554649

Ion	Ratio	Lower	Upper
149	100		
91	74.3	57.8	86.6
206	24.2	19.1	28.7

149 100

91 74.3 57.8 86.6

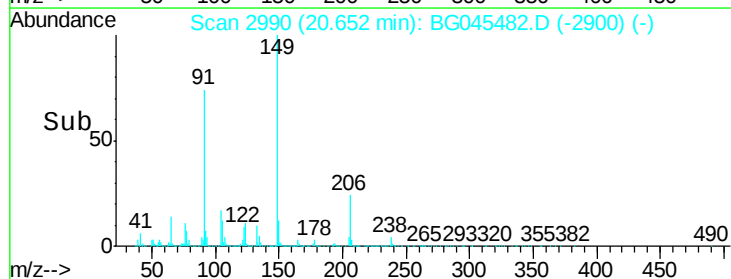
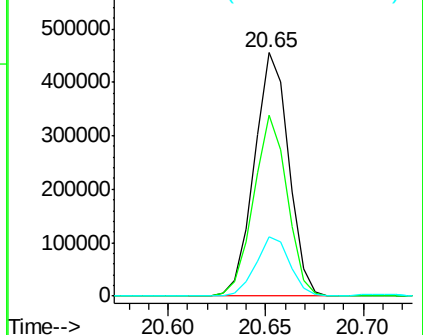
206 24.2 19.1 28.7

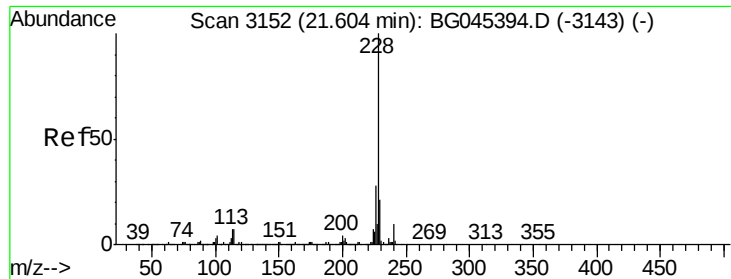


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.380 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

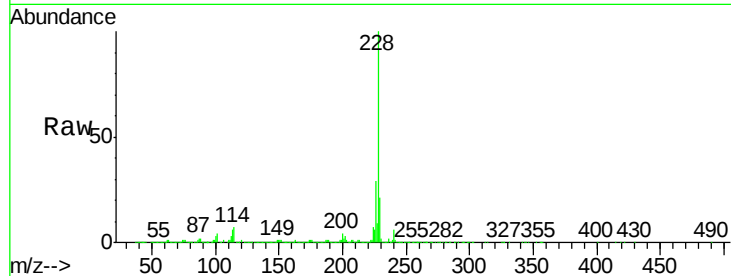
Tot Ion:228 Resp: 1397345

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

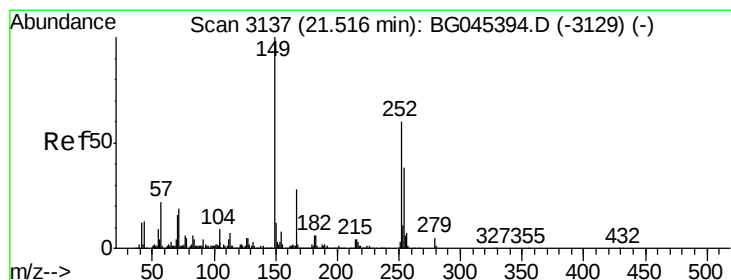
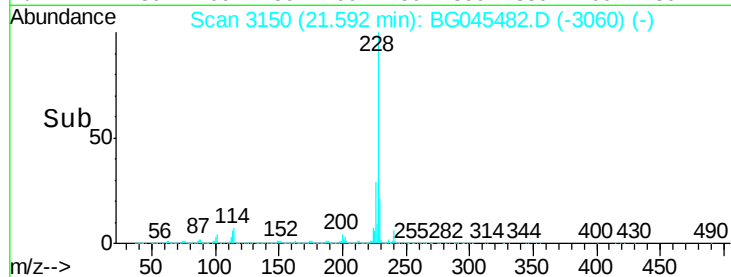
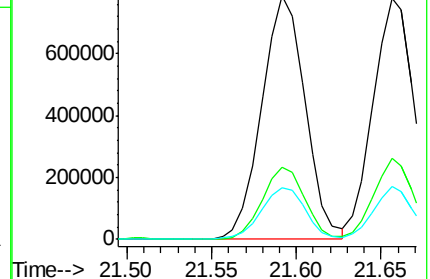
229 21.1 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.029 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

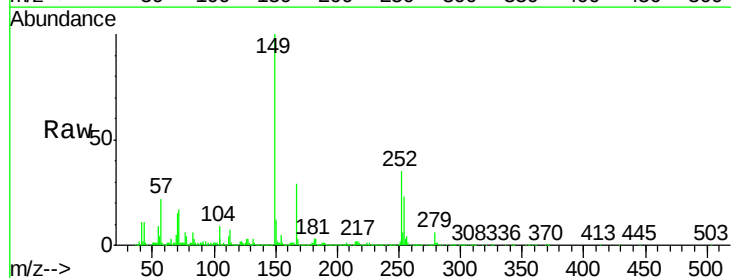
Tgt Ion:252 Resp: 306230

Ion Ratio Lower Upper

252 100

254 66.1 51.3 76.9

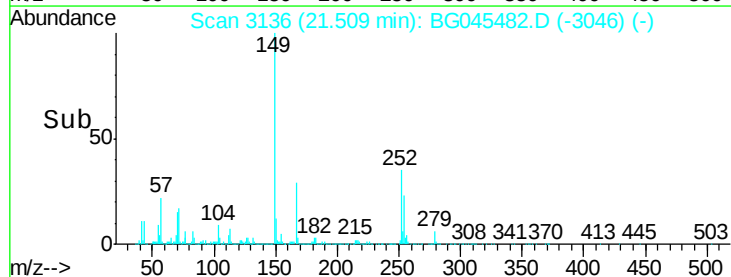
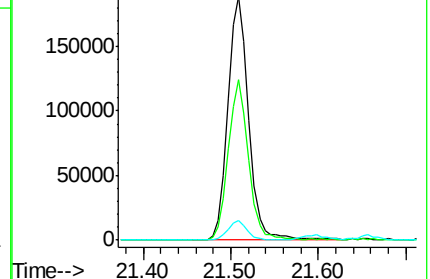
126 8.0 6.6 10.0

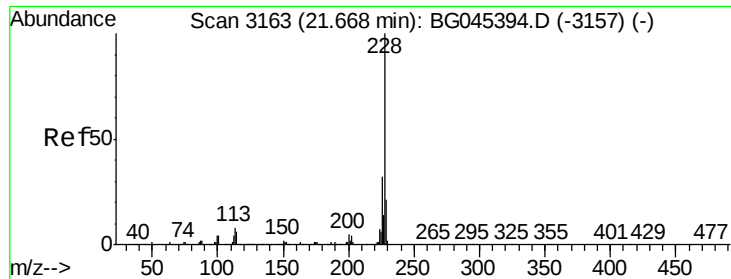


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.264 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

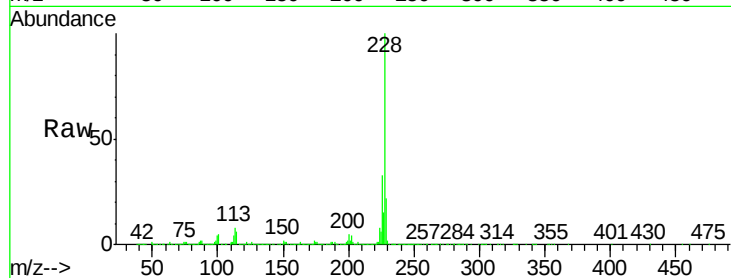
Tot Ion:228 Resp: 1312625

Ion Ratio Lower Upper

228 100

226 33.3 25.2 37.8

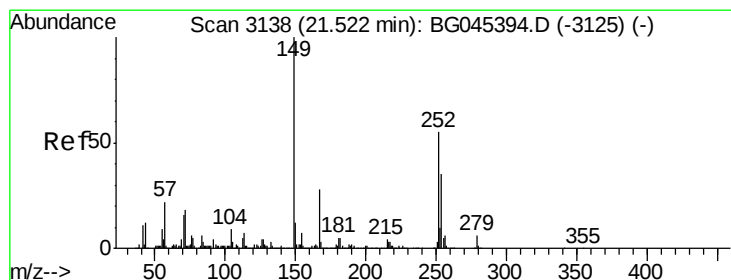
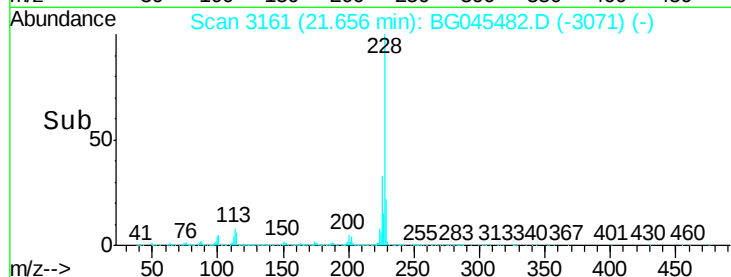
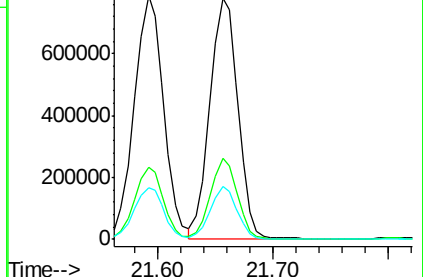
229 21.7 16.7 25.1



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: 43.557 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

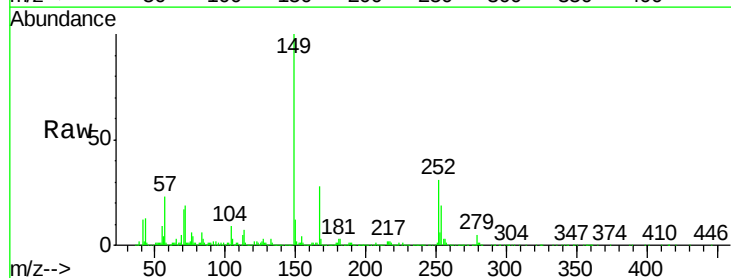
Tgt Ion:149 Resp: 763832

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

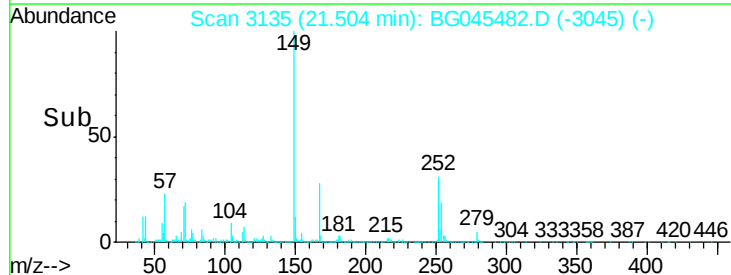
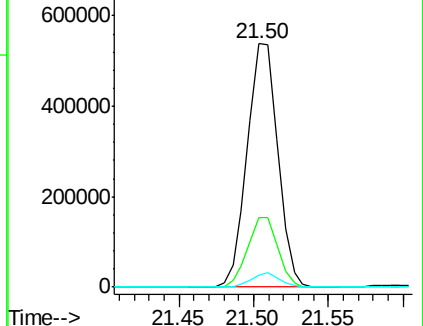
279 4.9 4.7 7.1

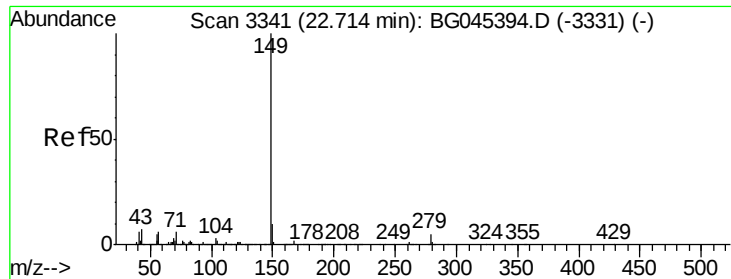


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

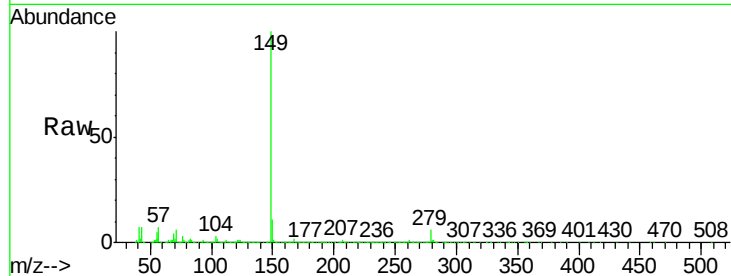




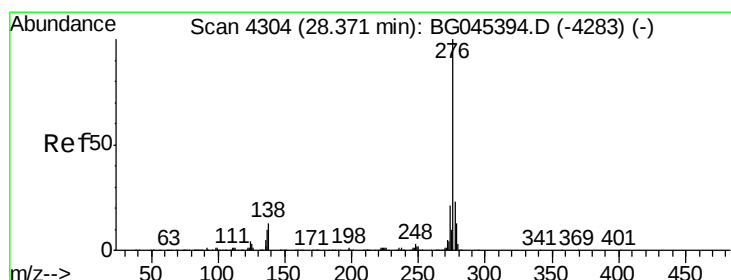
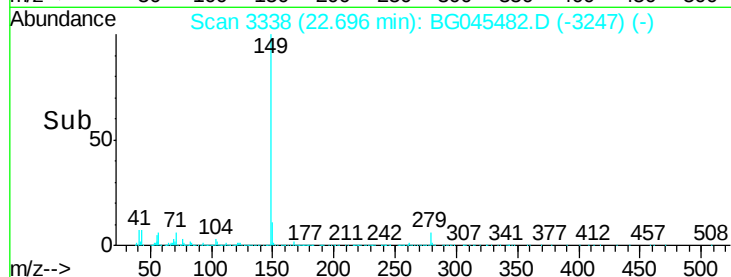
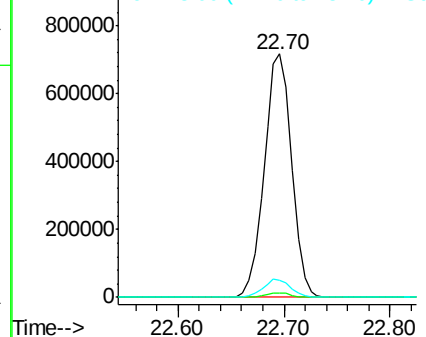
#85
Di-n-octyl phthalate
Concen: 42.588 ng
RT: 22.70 min Scan# 3338
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1282712
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 7.3 5.8 8.8

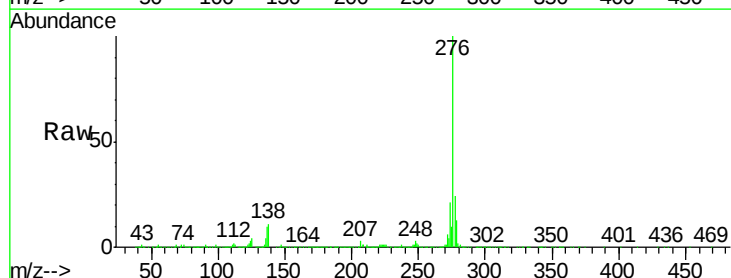


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

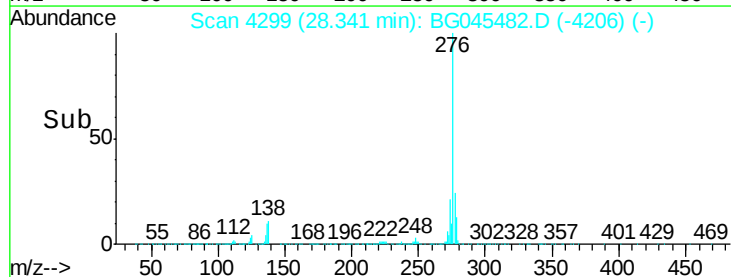
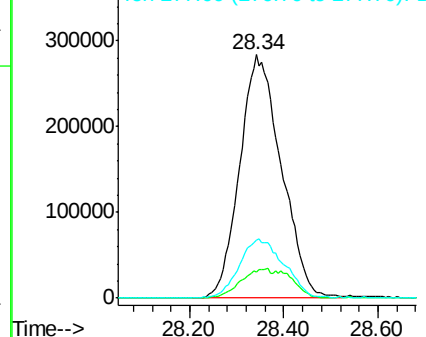


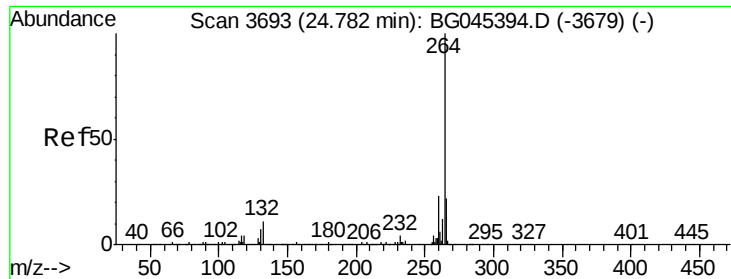
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.699 ng
RT: 28.34 min Scan# 4299
Delta R.T. 0.02 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:276 Resp: 1732267
Ion Ratio Lower Upper
276 100
138 0.0 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: 24.76 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

Instrument :

BNA_G

ClientSampled :

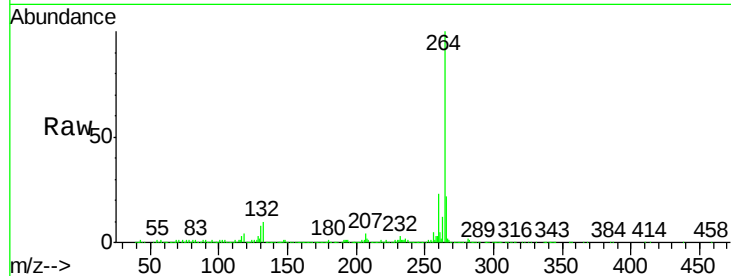
Tot Ion:264 Resp: 575972

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

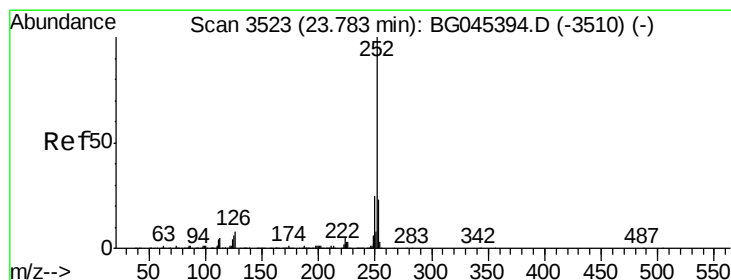
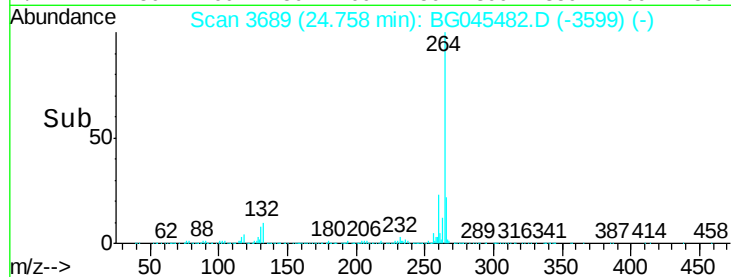
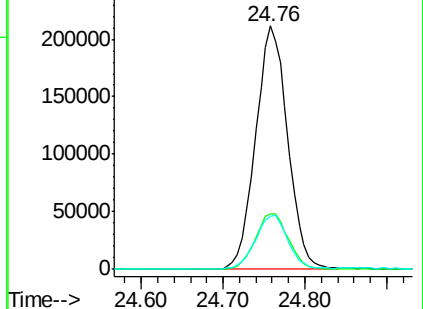
265 21.8 17.6 26.4



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: 48.306 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BG045482.D

Acq: 27 May 2020 18:56

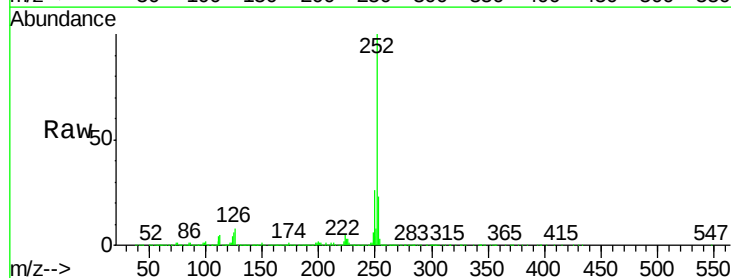
Tgt Ion:252 Resp: 1492180

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

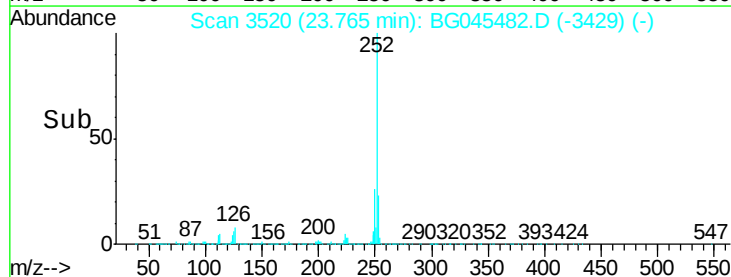
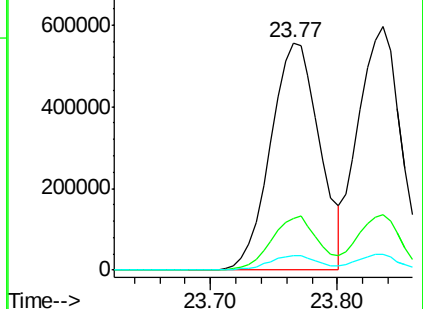
125 6.5 5.0 7.6

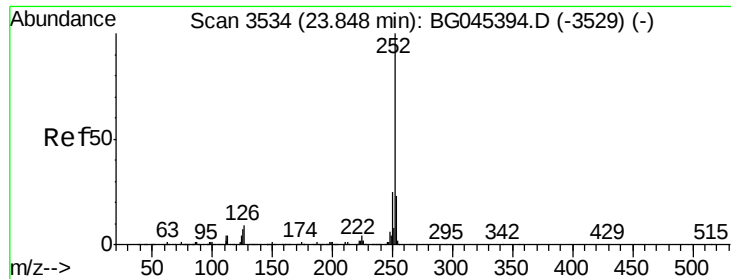


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

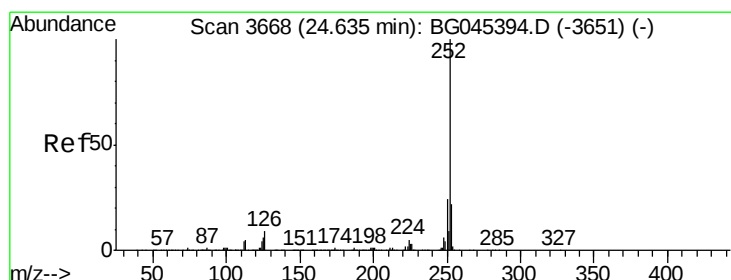
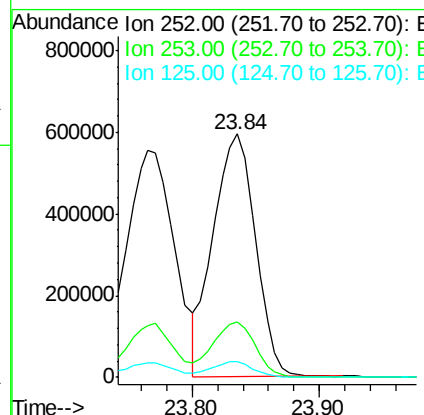
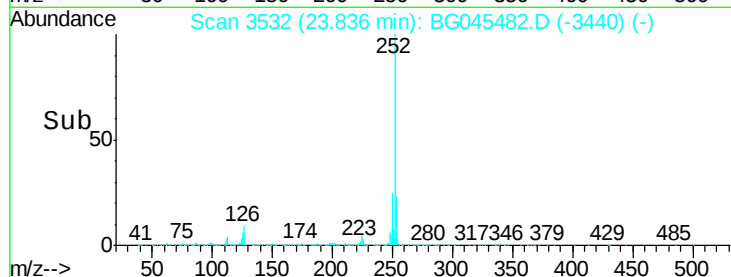
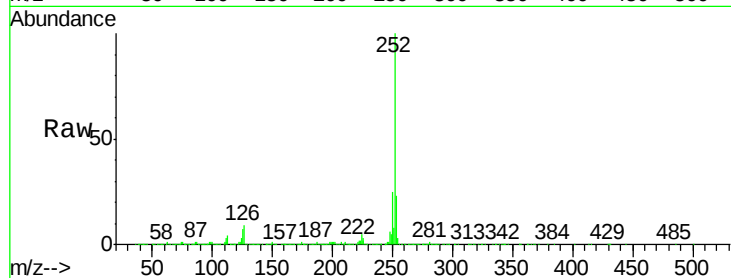




#89
Benzo(k)fluoranthene
Concen: 47.366 ng
RT: 23.84 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

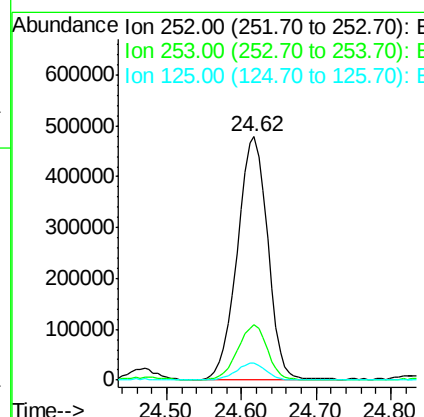
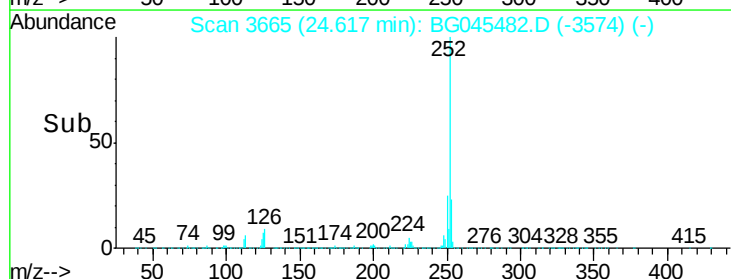
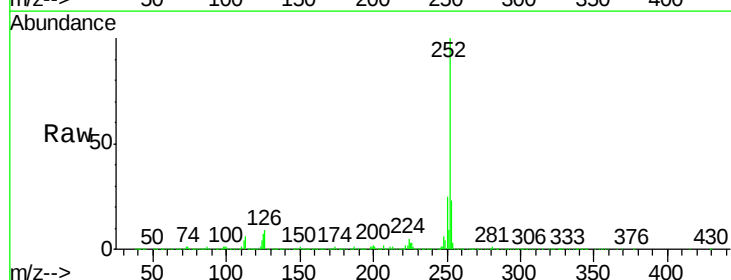
Instrument :
BNA_G
ClientSampleId :

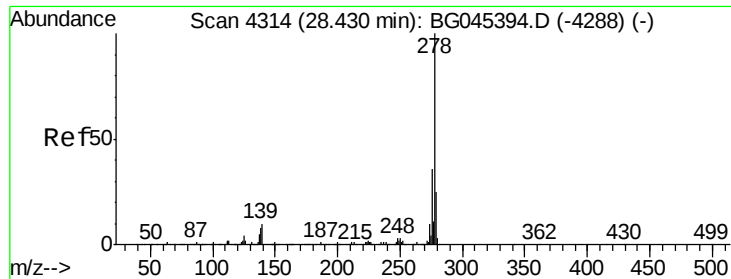
Tot Ion:252 Resp: 1374602
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 6.5 5.7 8.5



#90
Benzo(a)pyrene
Concen: 47.001 ng
RT: 24.62 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:252 Resp: 1352156
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 7.1 5.0 7.6

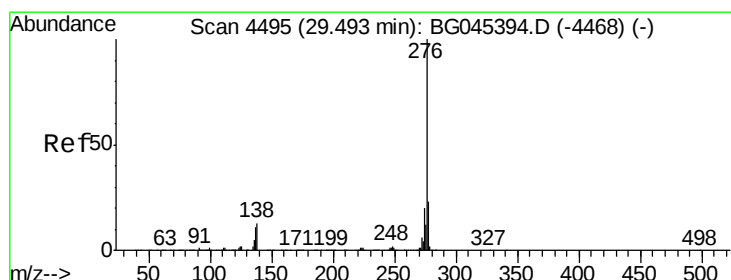
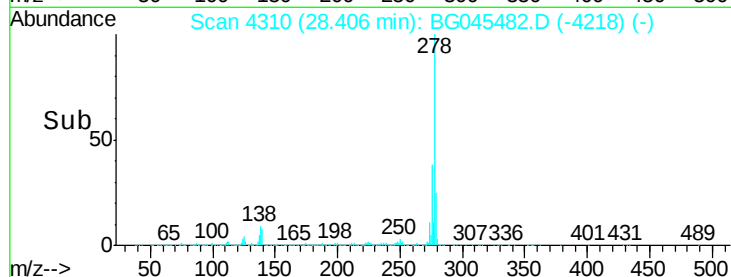
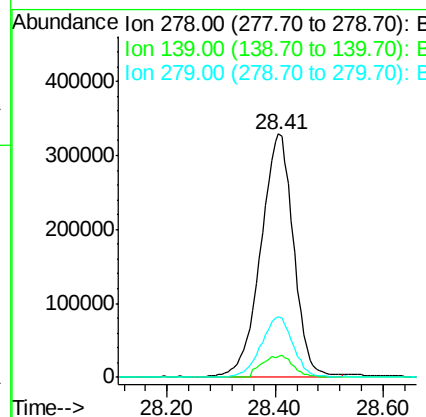
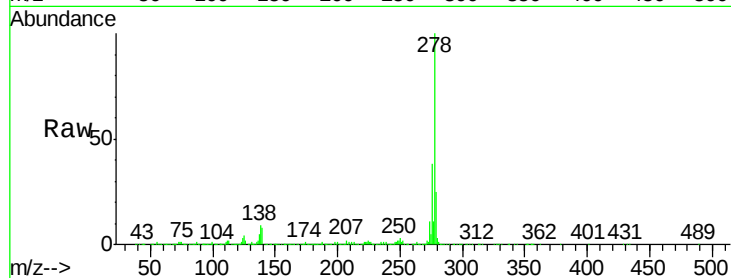




#91
Dibenzo(a,h)anthracene
Concen: 47.320 ng
RT: 28.41 min Scan# 4310
Delta R.T. 0.01 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1368010
Ion Ratio Lower Upper
278 100
139 8.4 7.8 11.8
279 24.9 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 49.478 ng
RT: 29.46 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG045482.D
Acq: 27 May 2020 18:56

Tgt Ion:276 Resp: 1430565
Ion Ratio Lower Upper
276 100
277 23.1 18.1 27.1
138 11.6 10.2 15.4

