

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050620\
 Data File : BG045252.D
 Acq On : 6 May 2020 14:19
 Operator : CG/JU
 Sample : PB128670BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128670BS

Quant Time: May 06 14:58:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:59:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	59838	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	246320	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	189581	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	461661	20.00	ng	0.00
76) Chrysene-d12	21.64	240	393704	20.00	ng	0.00
87) Perylene-d12	24.81	264	421510	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	426927	117.79	ng	0.00
7) Phenol-d6	7.15	99	613556	113.94	ng	0.00
23) Nitrobenzene-d5	9.14	82	379662	70.33	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	313952	107.20	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	943662	72.99	ng	0.00
79) Terphenyl-d14	19.99	244	1586377	87.82	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	55920	34.716 ng	99
3) Pyridine	3.83	79	126170	25.440 ng	95
4) n-Nitrosodimethylamine	3.75	42	55704	36.664 ng	92
6) Aniline	7.30	93	181059	25.860 ng	96
8) 2-Chlorophenol	7.55	128	160454	41.191 ng	97
9) Benzaldehyde	7.11	77	126330	42.326 ng	95
10) Phenol	7.18	94	213369	39.595 ng	99
11) bis(2-Chloroethyl)ether	7.39	93	148430	34.596 ng	99
12) 1,3-Dichlorobenzene	7.88	146	172146	37.504 ng	93
13) 1,4-Dichlorobenzene	8.02	146	173007	37.826 ng	98
14) 1,2-Dichlorobenzene	8.34	146	160620	36.707 ng	95
15) Benzyl Alcohol	8.22	79	163451	36.202 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	142825	33.913 ng	93
17) 2-Methylphenol	8.43	107	147794	35.547 ng	94
18) Hexachloroethane	9.07	117	67085	39.016 ng	95
19) n-Nitroso-di-n-propylamine	8.79	70	133647	35.093 ng	98
20) 3+4-Methylphenols	8.76	107	203695	35.002 ng	96
22) Acetophenone	8.80	105	247140	37.102 ng	# 98
24) Nitrobenzene	9.19	77	199275	36.012 ng	96
25) Isophorone	9.71	82	385028	34.828 ng	100
26) 2-Nitrophenol	9.90	139	92482	38.800 ng	99
27) 2,4-Dimethylphenol	9.97	122	152828	40.409 ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	214141	36.867 ng	100
29) 2,4-Dichlorophenol	10.44	162	171636	39.303 ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	180141	36.433 ng	96
31) Naphthalene	10.84	128	499597	37.076 ng	98
32) Benzoic acid	10.10	122	88684	31.546 ng	93
33) 4-Chloroaniline	10.95	127	108010	17.187 ng	97
34) Hexachlorobutadiene	11.14	225	124017	36.584 ng	98
35) Caprolactam	11.71	113	29813	17.153 ng	91
36) 4-Chloro-3-methylphenol	12.08	107	199774	38.941 ng	99
37) 2-Methylnaphthalene	12.45	142	385097	36.820 ng	98
38) 1-Methylnaphthalene	12.67	142	364508	36.917 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	213713	35.012 ng	99

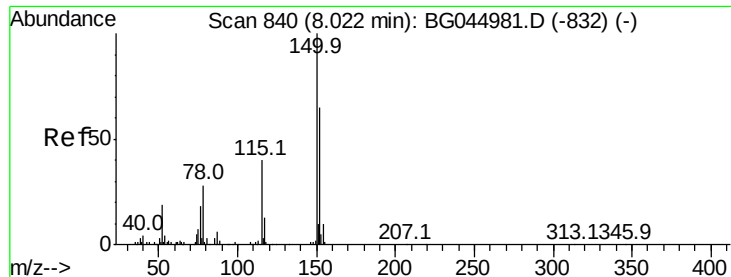
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050620\
 Data File : BG045252.D
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 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 12:59:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	307865	80.696	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	157290	36.511	ng	99
44) 2,4,5-Trichlorophenol	13.13	196	168006	34.262	ng	99
46) 1,1'-Biphenyl	13.46	154	504532	35.014	ng	98
47) 2-Chloronaphthalene	13.50	162	387715	35.214	ng	97
48) 2-Nitroaniline	13.70	65	126894	35.029	ng	99
49) Acenaphthylene	14.35	152	650616	36.278	ng	100
50) Dimethylphthalate	14.08	163	550397	35.655	ng	98
51) 2,6-Dinitrotoluene	14.19	165	123320	35.717	ng	97
52) Acenaphthene	14.69	154	396188	32.650	ng	99
53) 3-Nitroaniline	14.53	138	68933	18.203	ng	# 96
54) 2,4-Dinitrophenol	14.73	184	142775	69.542	ng	95
55) Dibenzofuran	15.03	168	630038	35.614	ng	97
56) 4-Nitrophenol	14.84	139	207471	70.661	ng	92
57) 2,4-Dinitrotoluene	14.98	165	177842	35.246	ng	# 98
58) Fluorene	15.68	166	525784	36.386	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	163540	37.482	ng	99
60) Diethylphthalate	15.45	149	578974	35.974	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	288926	34.738	ng	100
62) 4-Nitroaniline	15.69	138	121271	30.876	ng	91
63) Azobenzene	15.96	77	547689	36.911	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	114836	37.843	ng	96
66) n-Nitrosodiphenylamine	15.88	169	480740	36.243	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	200425	33.652	ng	96
68) Hexachlorobenzene	16.69	284	218115	35.312	ng	99
69) Atrazine	16.83	200	185069	37.452	ng	98
70) Pentachlorophenol	17.03	266	261285	68.954	ng	99
71) Phenanthrene	17.42	178	867709	36.576	ng	99
72) Anthracene	17.51	178	890440	37.418	ng	99
73) Carbazole	17.77	167	827220	34.254	ng	97
74) Di-n-butylphthalate	18.34	149	993215	36.657	ng	99
75) Fluoranthene	19.43	202	1057903	36.817	ng	98
77) Benzidine	19.60	184	494301	43.095	ng	98
78) Pyrene	19.79	202	1048106	38.615	ng	97
80) Butylbenzylphthalate	20.68	149	409956	36.438	ng	97
81) Benzo(a)anthracene	21.62	228	944516	37.014	ng	99
82) 3,3'-Dichlorobenzidine	21.53	252	209584	20.635	ng	99
83) Chrysene	21.69	228	904103	36.875	ng	96
84) Bis(2-ethylhexyl)phthalate	21.54	149	561895	36.313	ng	98
85) Di-n-octyl phthalate	22.74	149	949666	35.491	ng	99
86) Indeno(1,2,3-cd)pyrene	28.42	276	1144257	35.152	ng	# 97
88) Benzo(b)fluoranthene	23.81	252	950785	36.010	ng	98
89) Benzo(k)fluoranthene	23.88	252	966041	38.473	ng	97
90) Benzo(a)pyrene	24.67	252	899613	36.087	ng	98
91) Dibenzo(a,h)anthracene	28.48	278	949610	37.804	ng	99
92) Benzo(g,h,i)perylene	29.55	276	954183	37.889	ng	96

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

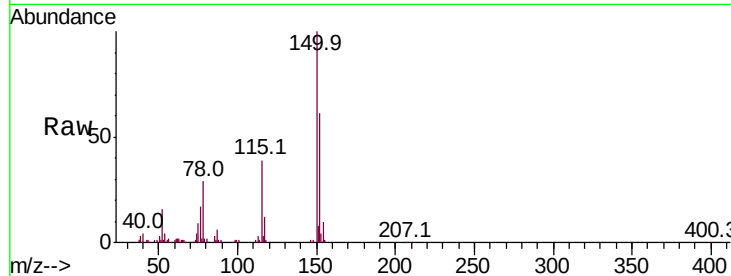


#1

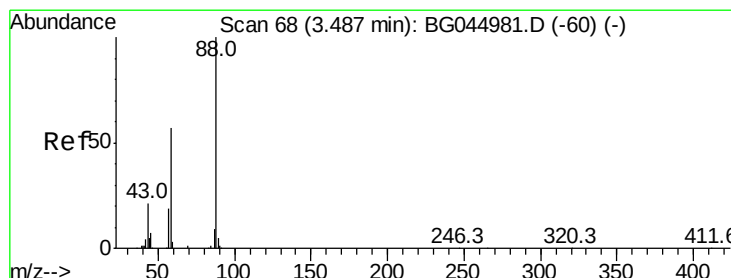
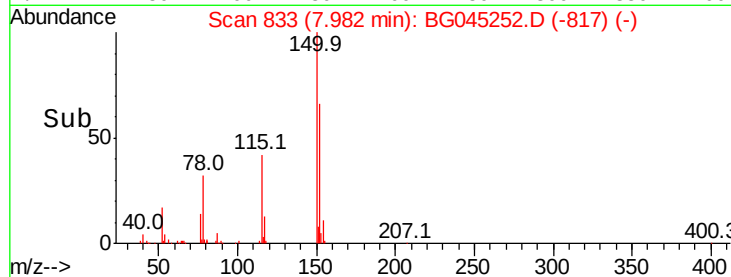
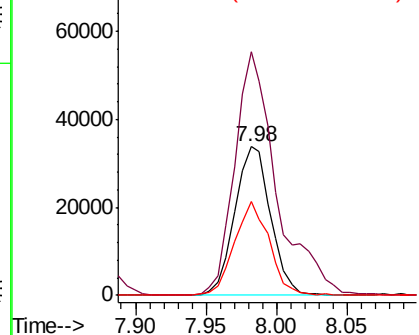
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB128670BS

Tot Ion:152 Resp: 59838
Ion Ratio Lower Upper
152 100
150 163.7 123.6 185.4
115 63.2 49.1 73.7



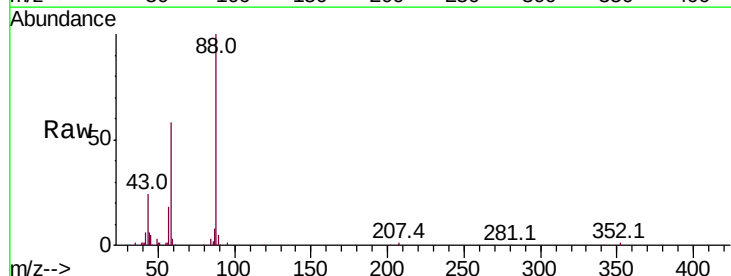
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



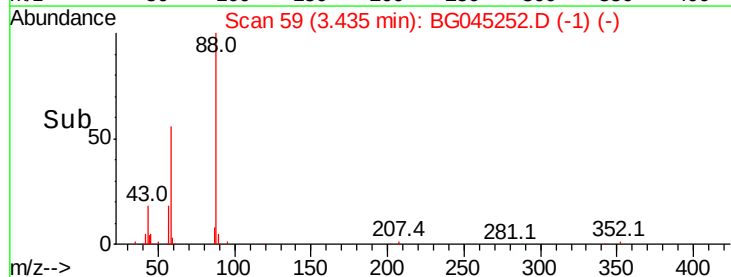
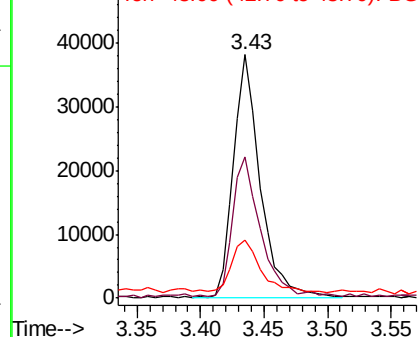
#2

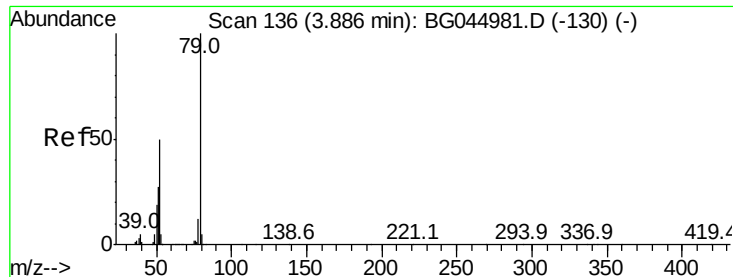
1,4-Dioxane
Concen: 34.716 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion: 88 Resp: 55920
Ion Ratio Lower Upper
88 100
58 58.0 46.6 69.8
43 23.5 17.5 26.3



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: 25.440 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

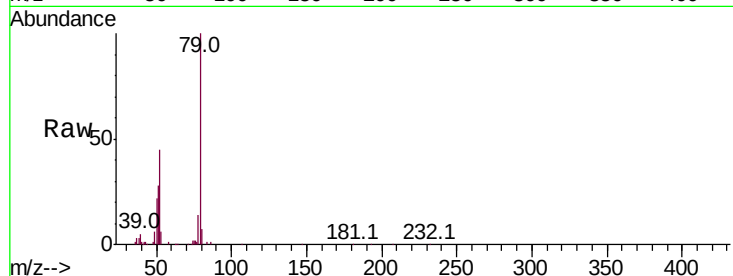
Tot Ion: 79 Resp: 126170

Ion Ratio Lower Upper

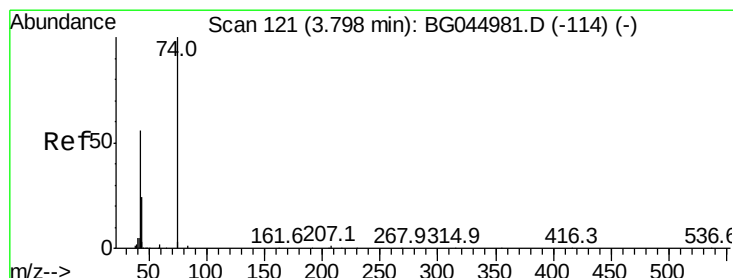
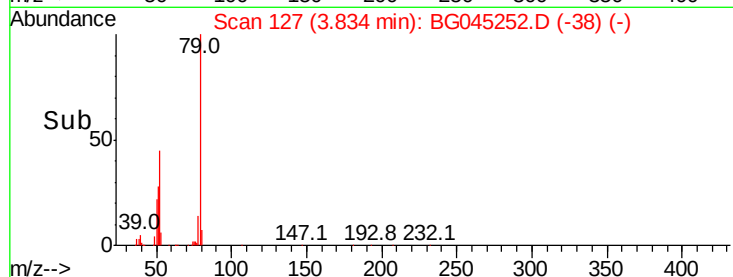
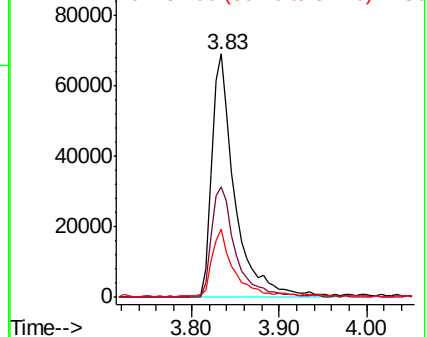
79 100

52 45.3 39.8 59.6

51 28.2 21.4 32.2



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: 36.664 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

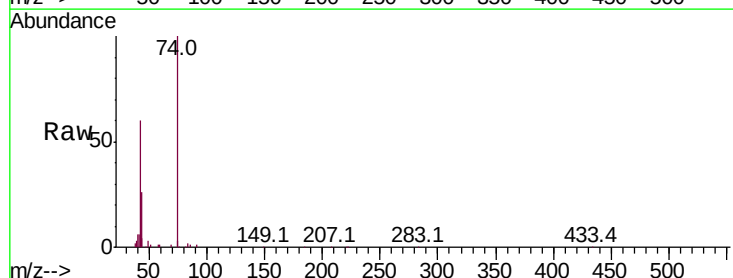
Tgt Ion: 42 Resp: 55704

Ion Ratio Lower Upper

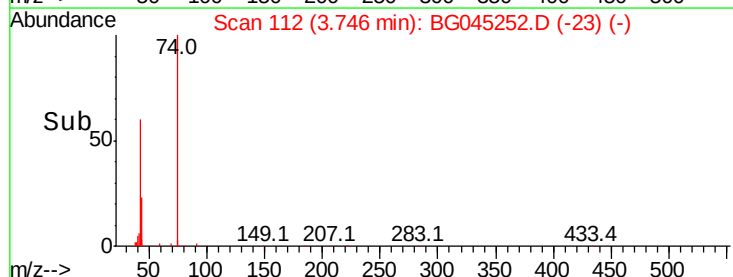
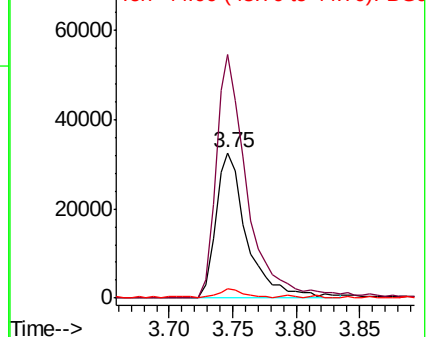
42 100

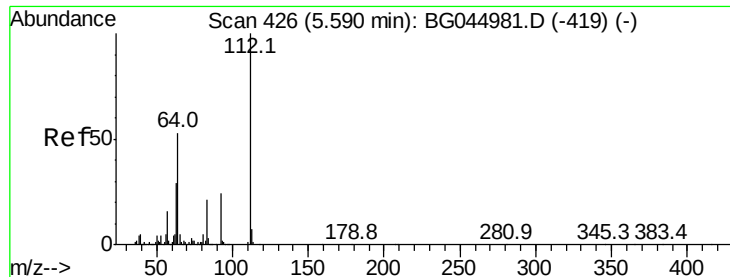
74 167.5 143.0 214.6

44 6.5 4.6 6.8



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: 117.790 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

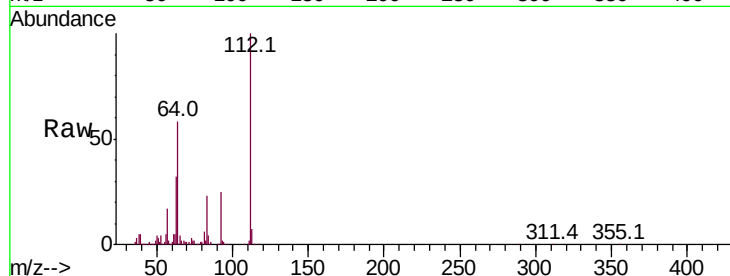
Tot Ion:112 Resp: 426927

Ion Ratio Lower Upper

112 100

64 57.8 42.4 63.6

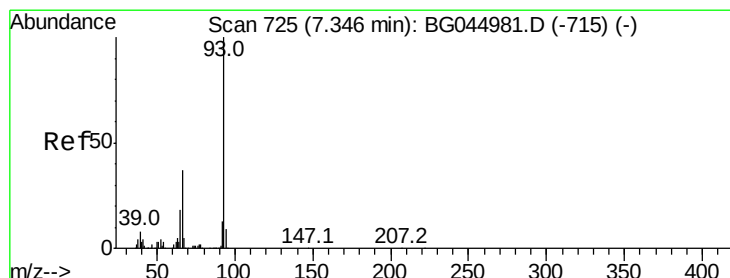
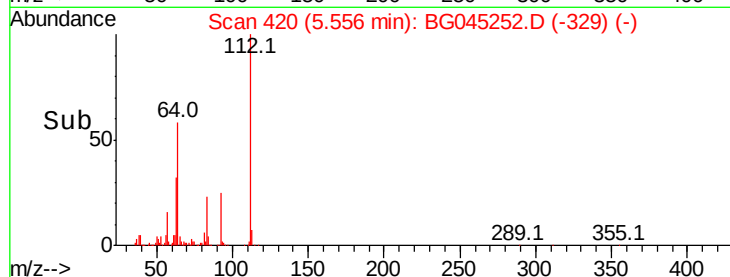
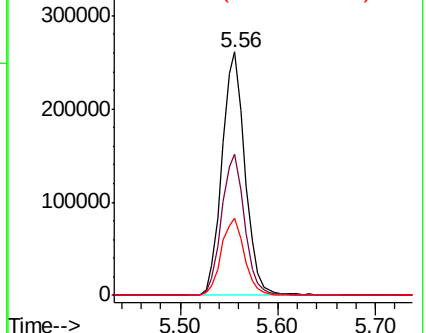
63 31.8 23.1 34.7



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: 25.860 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

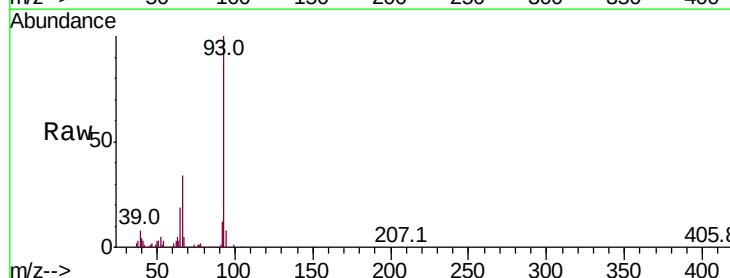
Tgt Ion: 93 Resp: 181059

Ion Ratio Lower Upper

93 100

66 34.1 29.8 44.8

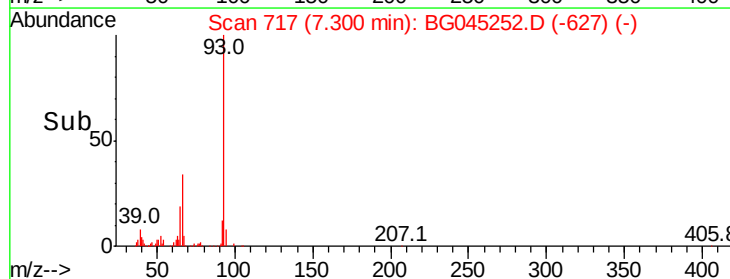
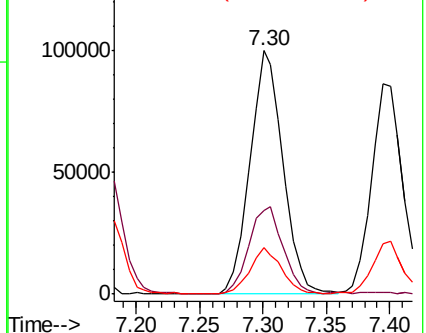
65 19.0 14.6 22.0

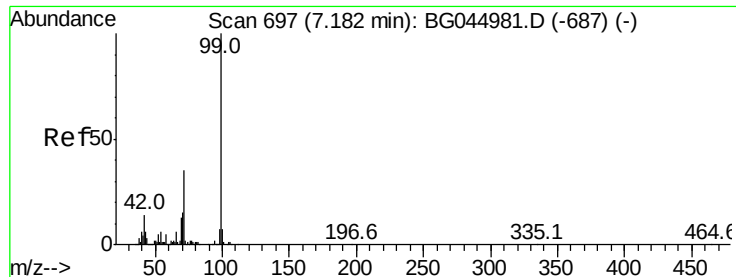


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.937 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

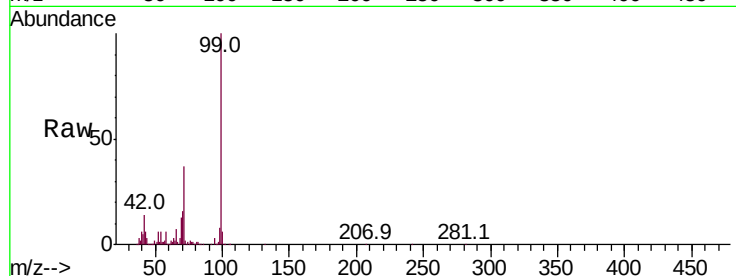
Tot Ion: 99 Resp: 613556

Ion Ratio Lower Upper

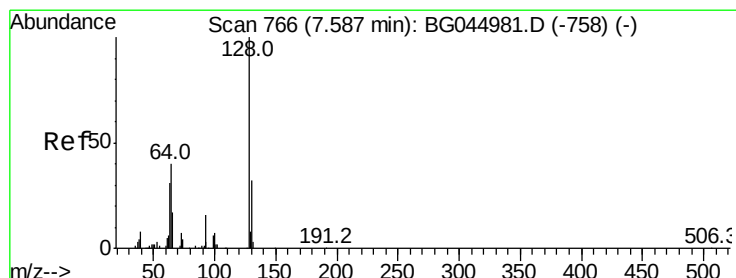
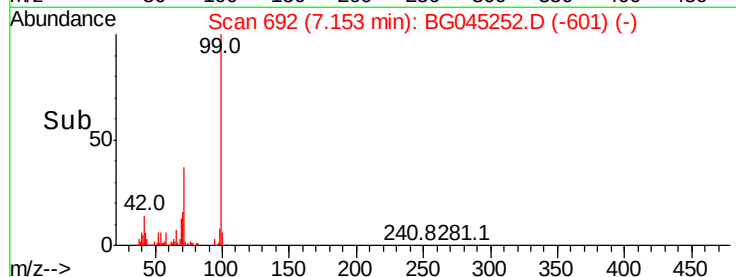
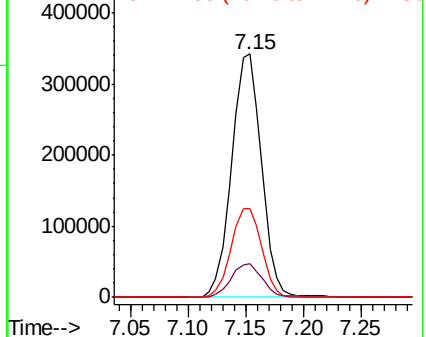
99 100

42 14.1 11.3 16.9

71 36.6 28.3 42.5



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



#8

2-Chlorophenol

Concen: 41.191 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

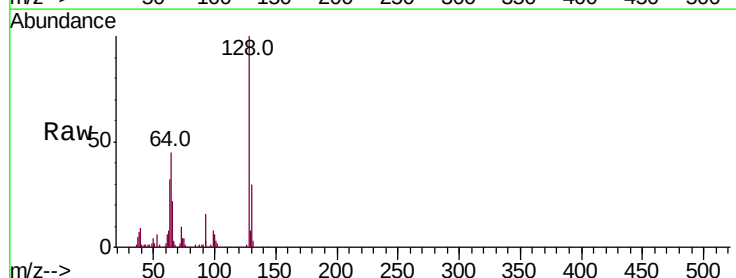
Tgt Ion: 128 Resp: 160454

Ion Ratio Lower Upper

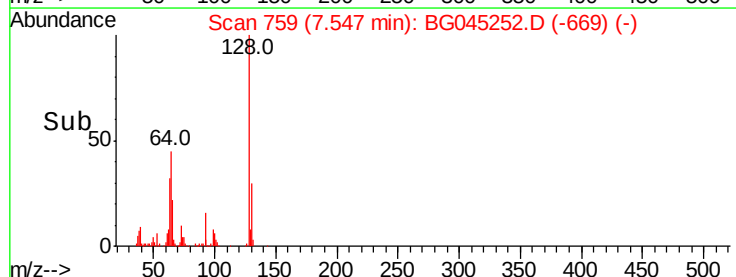
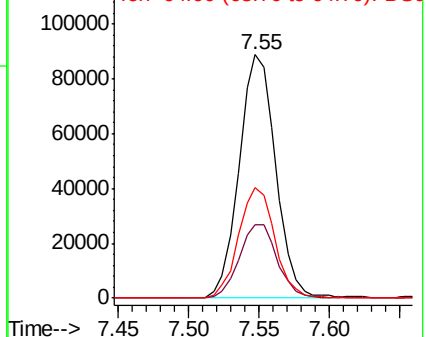
128 100

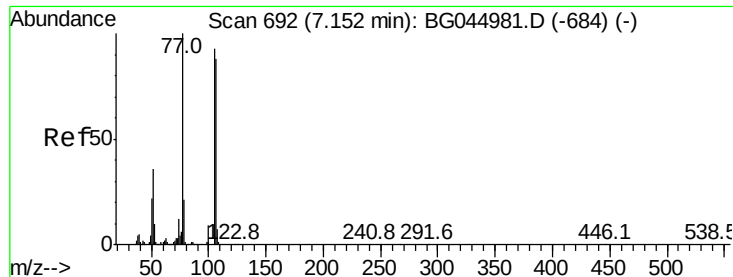
130 30.0 12.3 52.3

64 45.4 24.4 64.4



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: 42.326 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

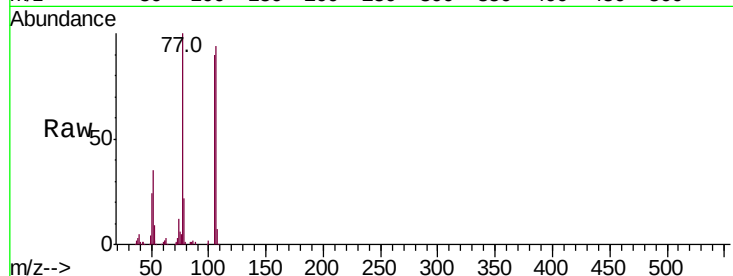
Tot Ion: 77 Resp: 126330

Ion Ratio Lower Upper

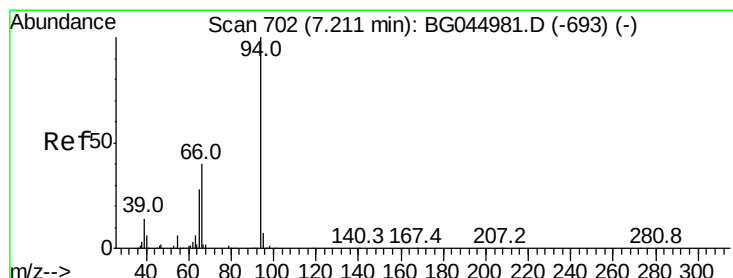
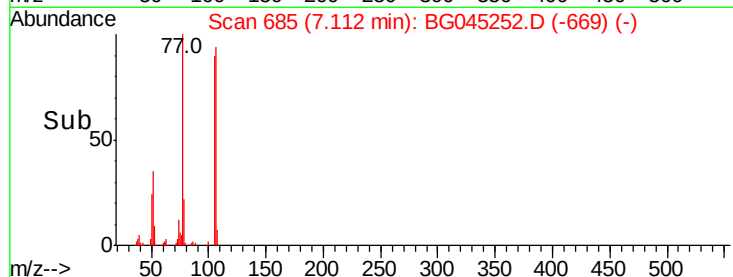
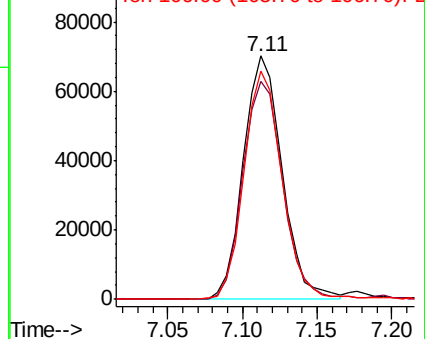
77 100

105 89.5 72.9 112.9

106 93.9 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.595 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

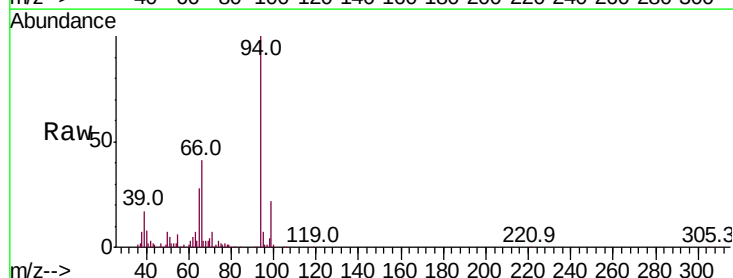
Tgt Ion: 94 Resp: 213369

Ion Ratio Lower Upper

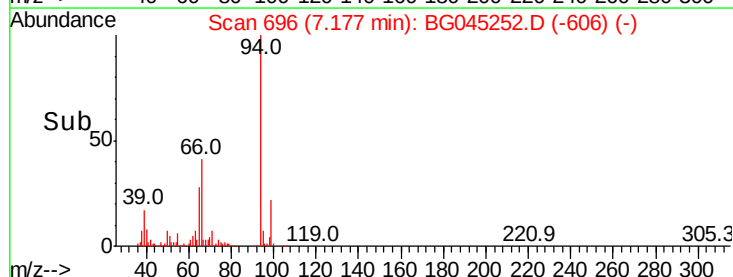
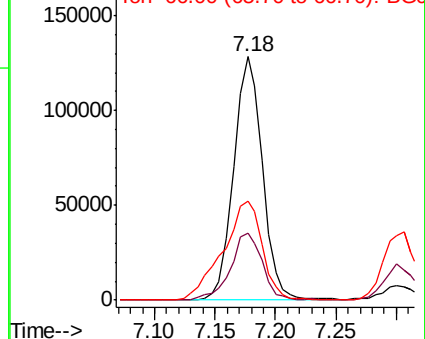
94 100

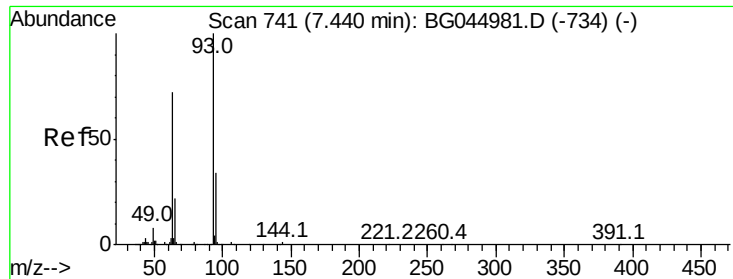
65 27.5 8.2 48.2

66 40.8 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

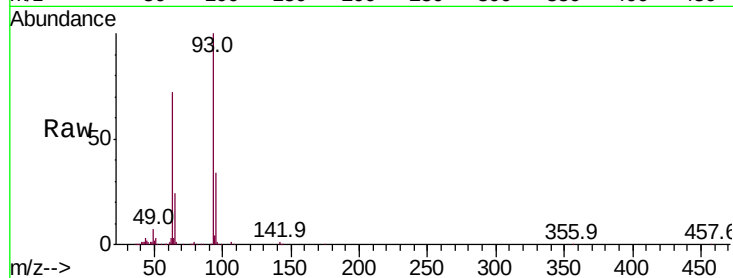




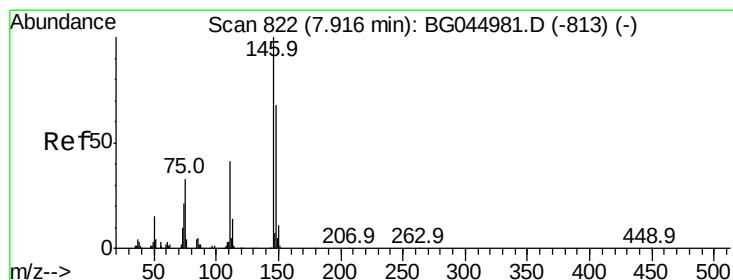
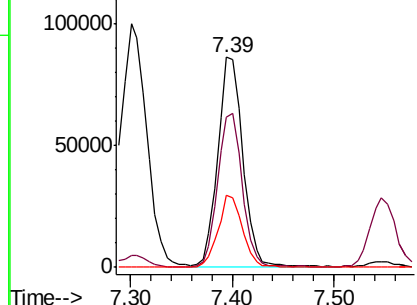
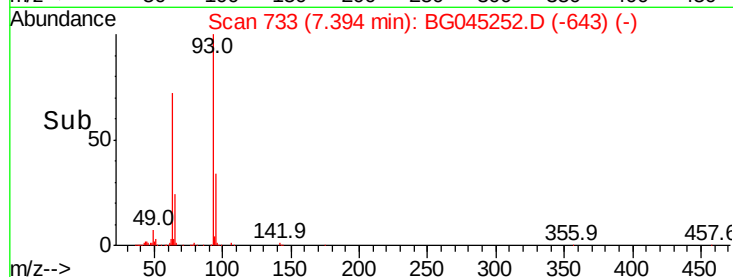
#11
 bis(2-Chloroethyl)ether
 Concen: 34.596 ng
 RT: 7.39 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB128670BS

Tot Ion: 93 Resp: 148430
 Ion Ratio Lower Upper
 93 100
 63 71.5 51.8 91.8
 95 34.3 13.8 53.8

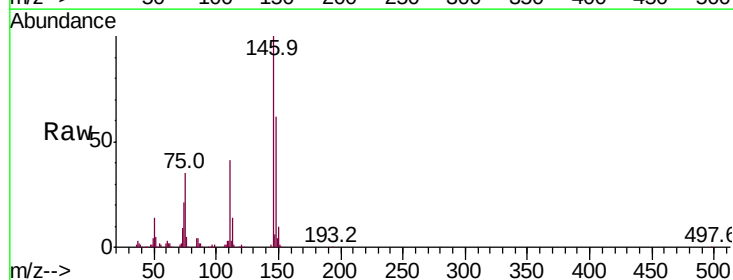


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

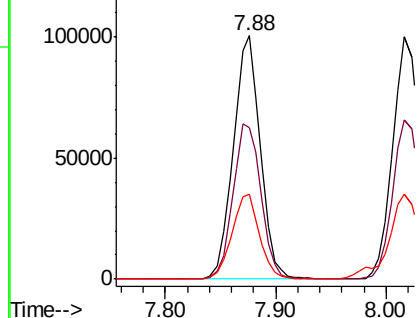
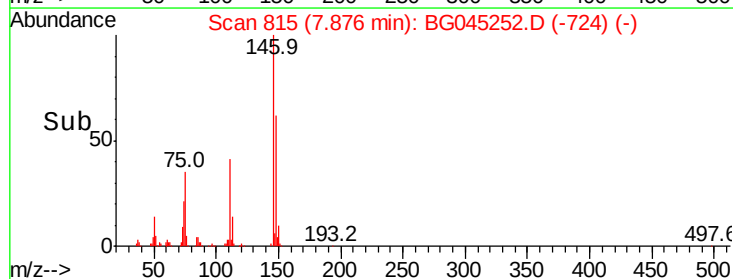


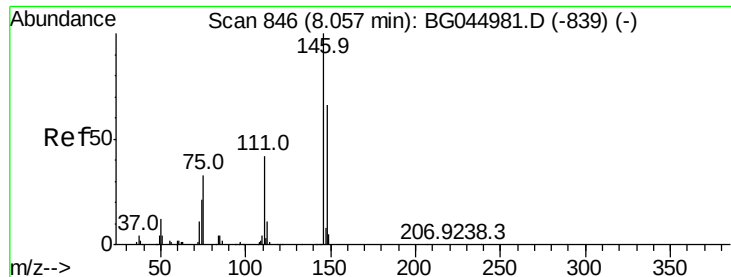
#12
 1,3-Dichlorobenzene
 Concen: 37.504 ng
 RT: 7.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Tgt Ion: 146 Resp: 172146
 Ion Ratio Lower Upper
 146 100
 148 62.1 54.6 81.8
 75 35.0 26.0 39.0



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

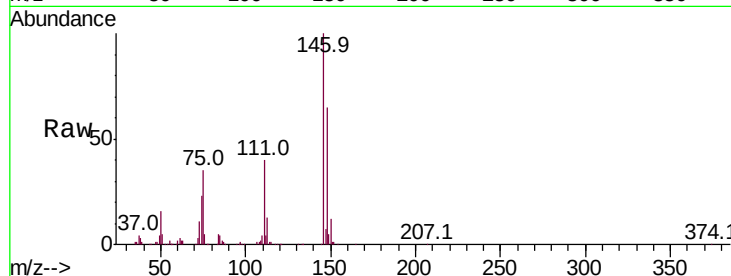




#13
 1,4-Dichlorobenzene
 Concen: 37.826 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB128670BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.3	79.9
111	40.0	33.8	50.8

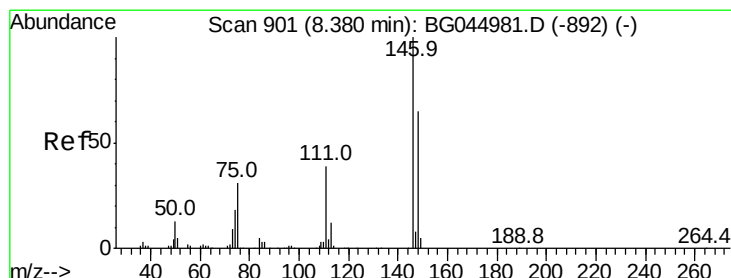
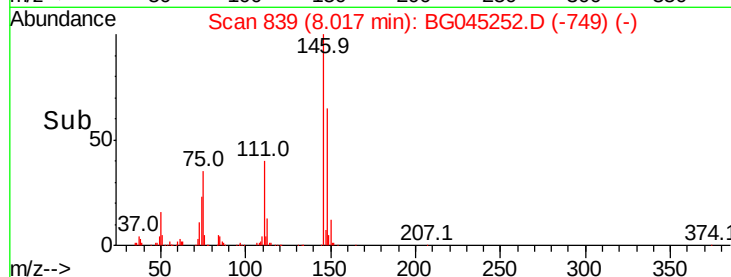
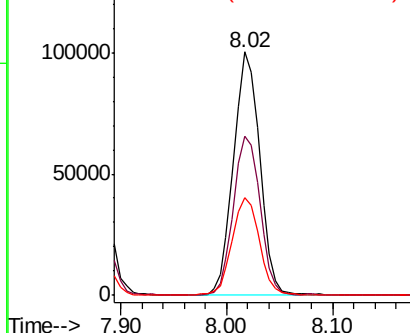


Abundance

Ion 146.00 (145.70 to 146.70): E

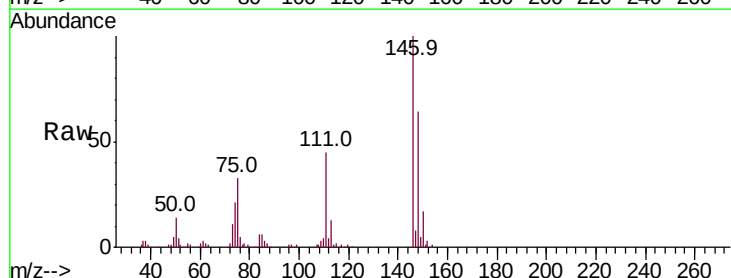
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.707 ng
 RT: 8.34 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	45.0	31.3	46.9

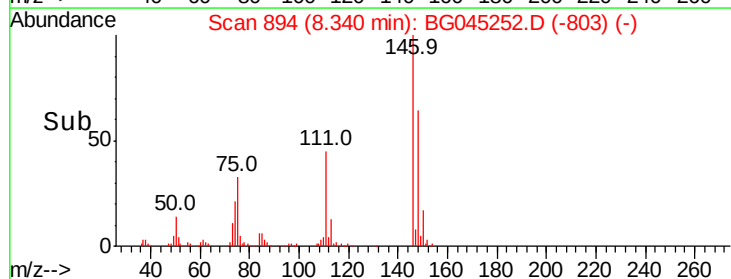
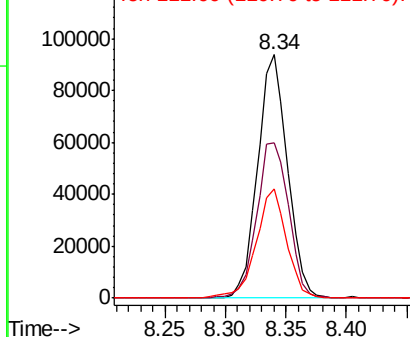


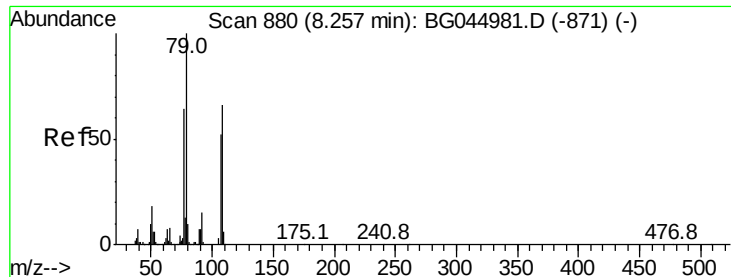
Abundance

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: 36.202 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

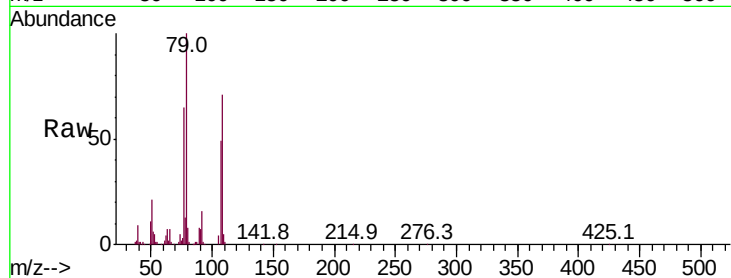
Tot Ion: 79 Resp: 163451

Ion Ratio Lower Upper

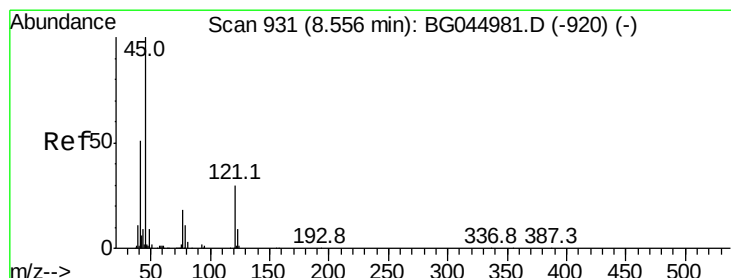
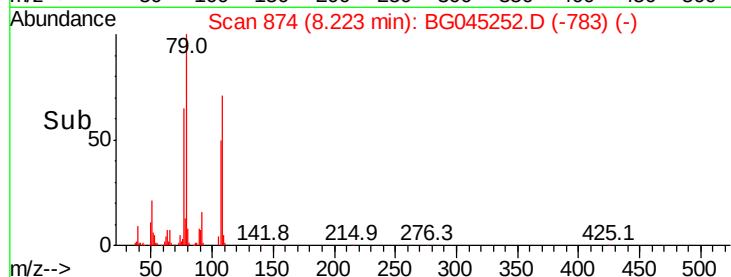
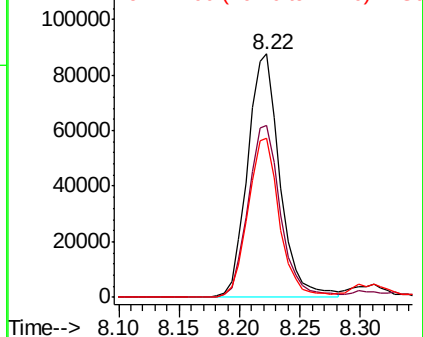
79 100

108 70.7 52.7 79.1

77 65.1 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.913 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

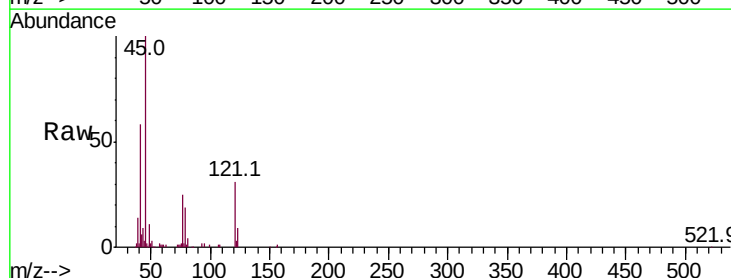
Tgt Ion: 45 Resp: 142825

Ion Ratio Lower Upper

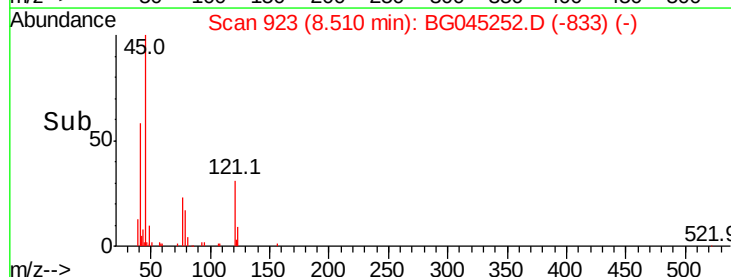
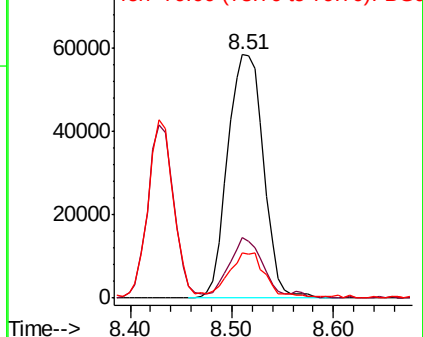
45 100

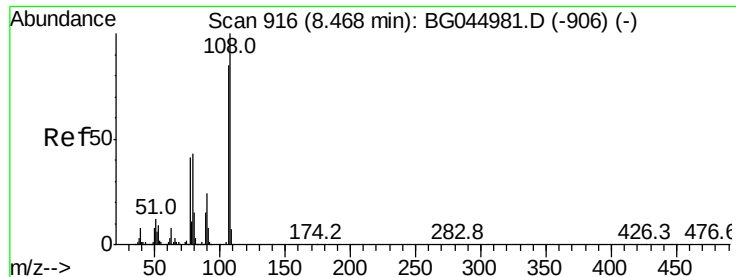
77 25.1 1.9 41.9

79 18.7 0.0 35.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 35.547 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

Tot Ion:107 Resp: 147794

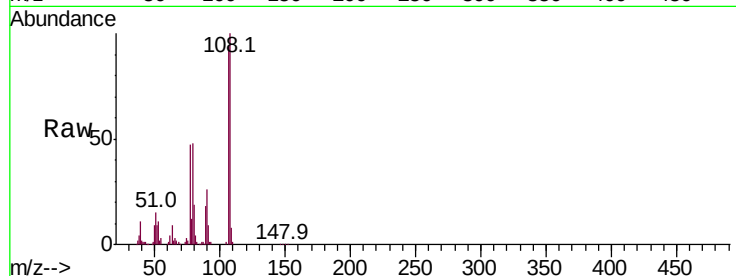
Ion Ratio Lower Upper

107 100

108 106.7 93.8 140.6

77 50.2 38.5 57.7

79 51.7 40.1 60.1

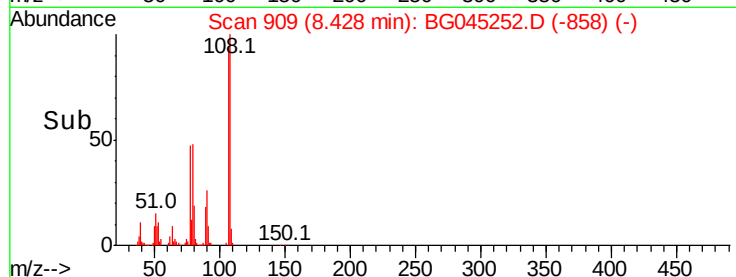
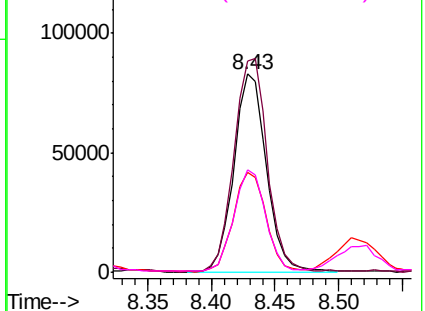


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.016 ng

RT: 9.07 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

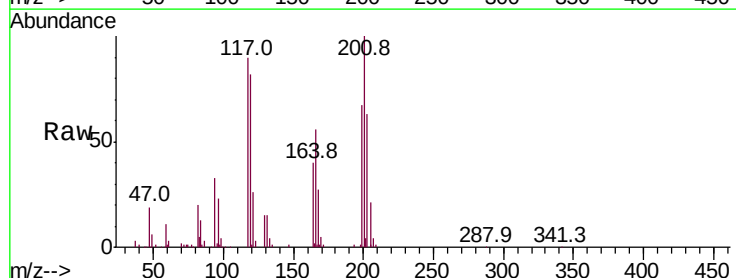
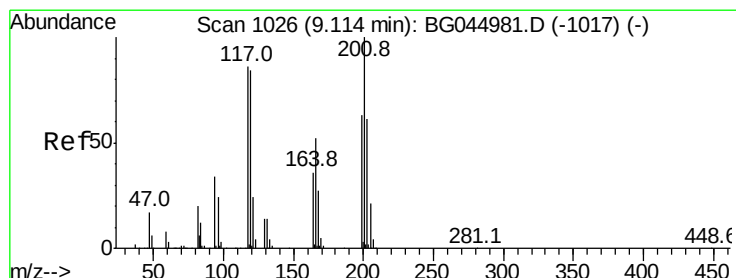
Tgt Ion:117 Resp: 67085

Ion Ratio Lower Upper

117 100

119 91.4 78.3 117.5

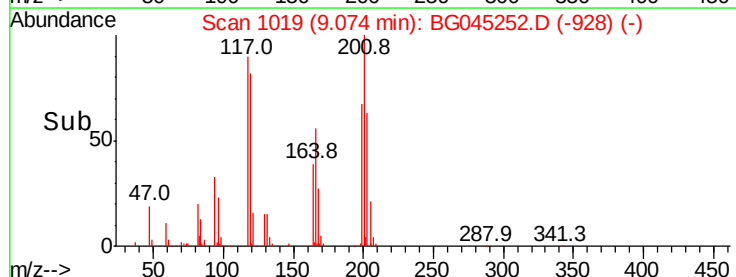
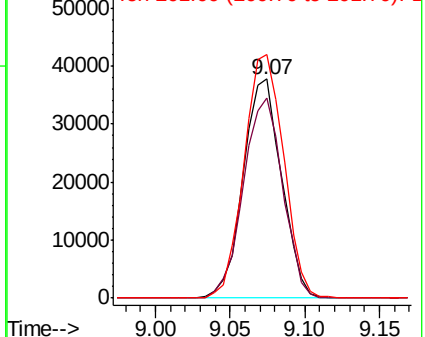
201 111.2 92.9 139.3

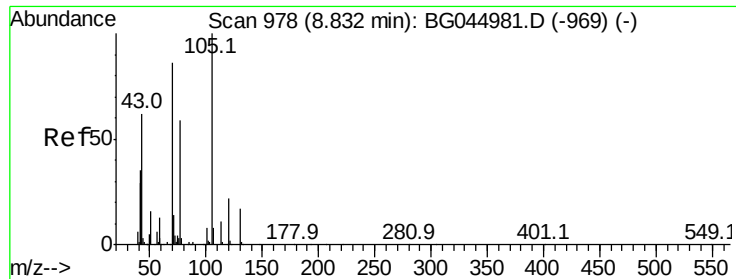


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

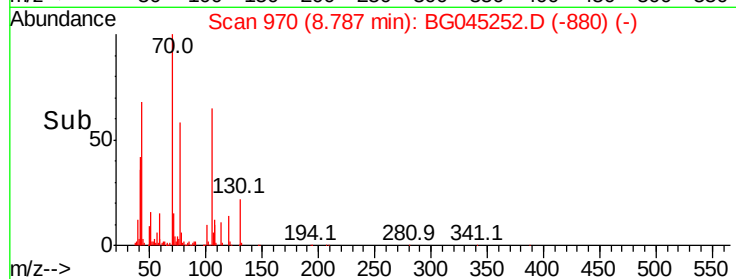
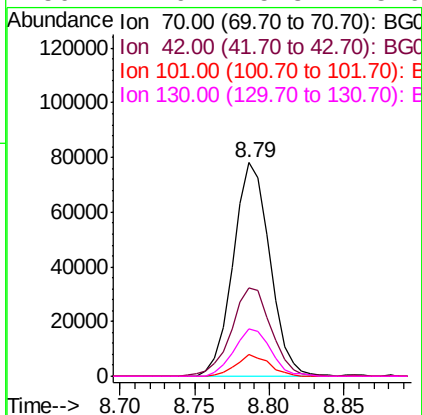
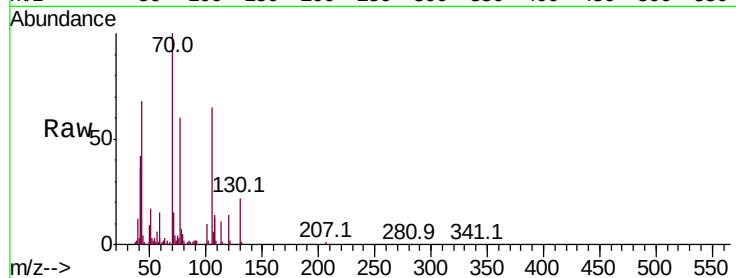




#19
n-Nitroso-di-n-propylamine
Concen: 35.093 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

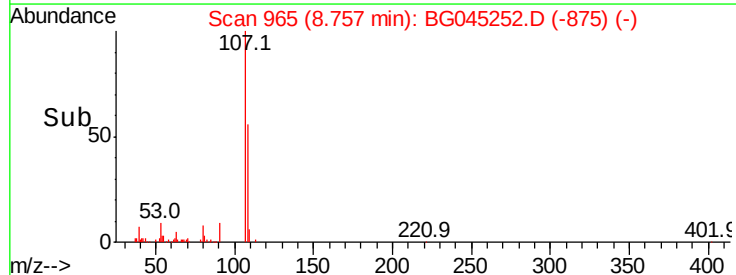
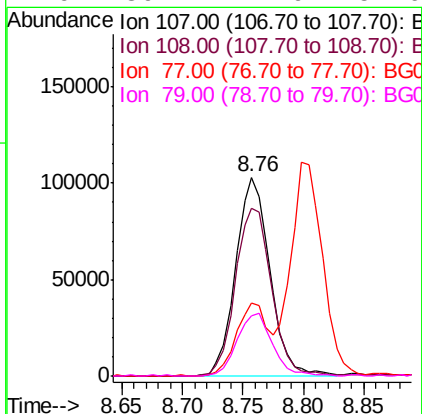
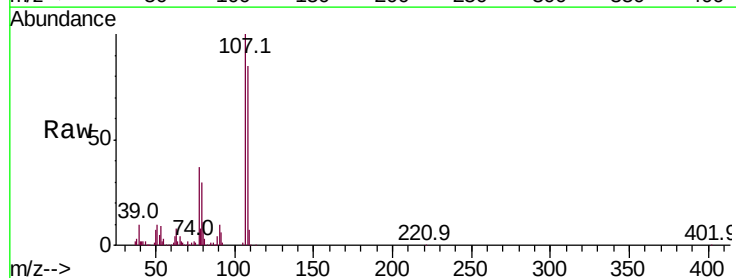
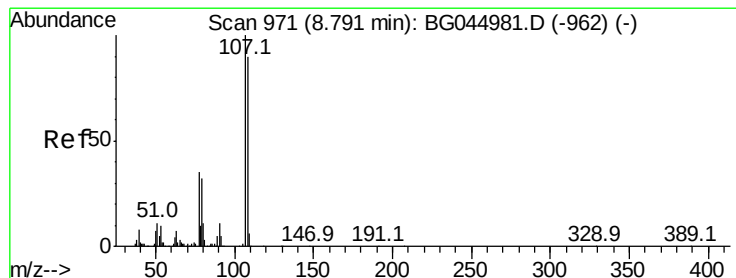
Instrument :
BNA_G
ClientSampleId :
PB128670BS

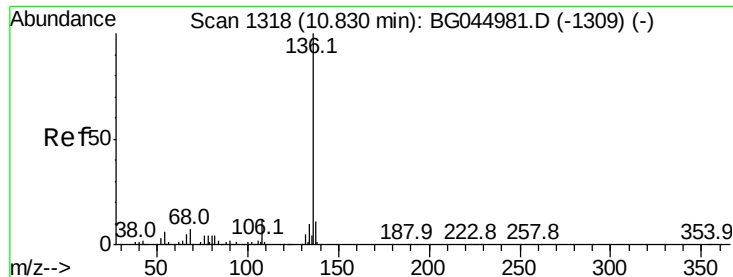
Tot Ion: 70 Resp: 133647
Ion Ratio Lower Upper
70 100
42 41.5 33.3 49.9
101 10.1 7.8 11.8
130 21.9 15.8 23.6



#20
3+4-Methylphenols
Concen: 35.002 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion: 107 Resp: 203695
Ion Ratio Lower Upper
107 100
108 84.6 69.9 109.9
77 36.7 15.2 55.2
79 30.4 11.6 51.6

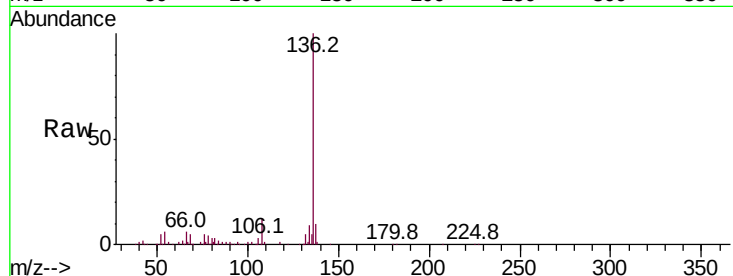




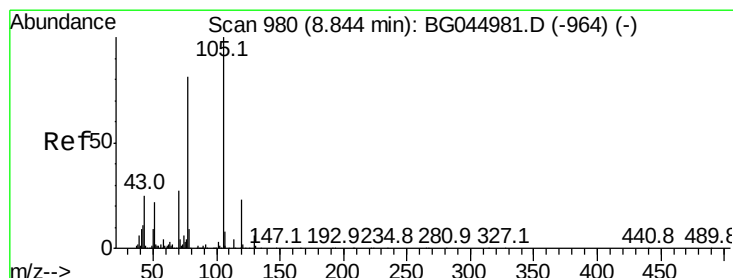
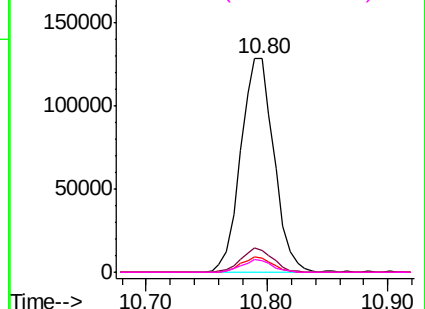
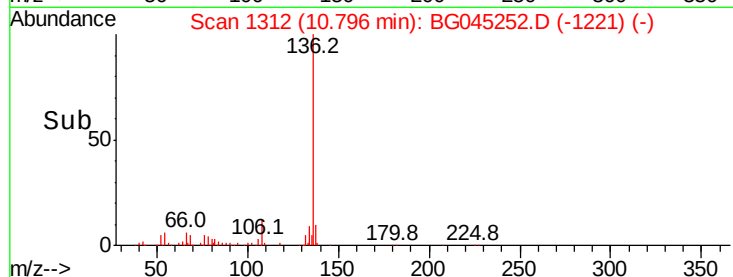
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB128670BS

Tot Ion:	136	Resp:	246320
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	6.3	4.8	7.2
68	5.3	5.2	7.8

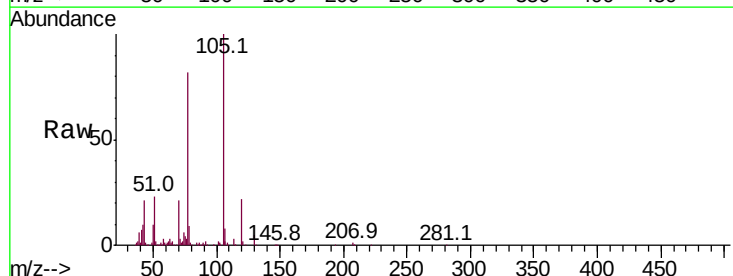


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

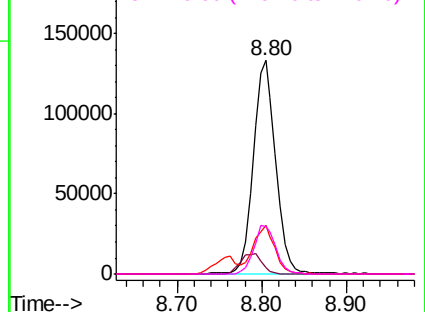
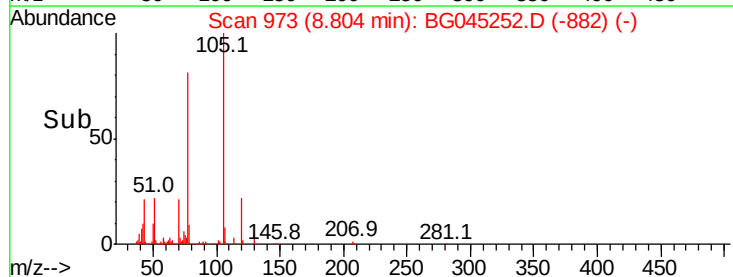


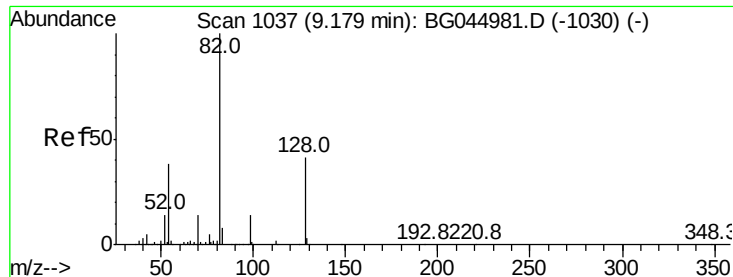
#22
Acetophenone
Concen: 37.102 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion:	105	Resp:	247140
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.3	4.9#
51	22.9	17.3	25.9
120	22.4	18.4	27.6



Abundance Ion 105.00 (104.70 to 105.70): E
200000
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

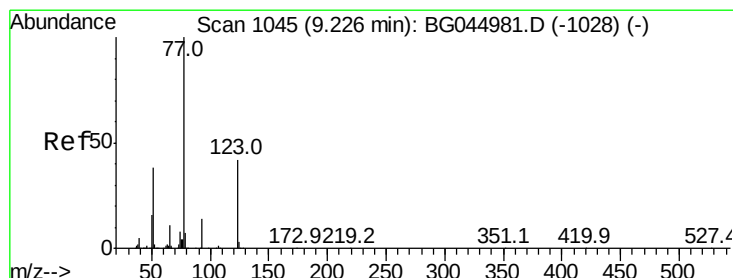
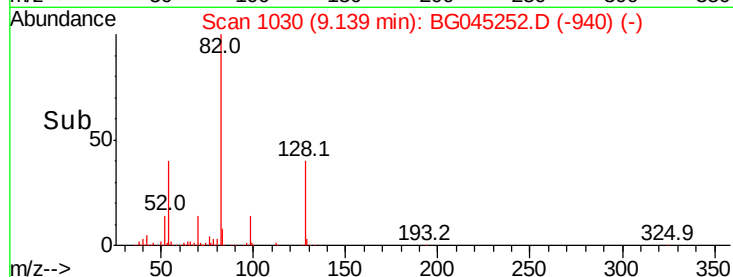
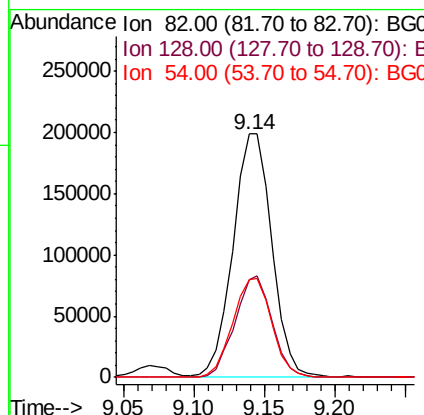
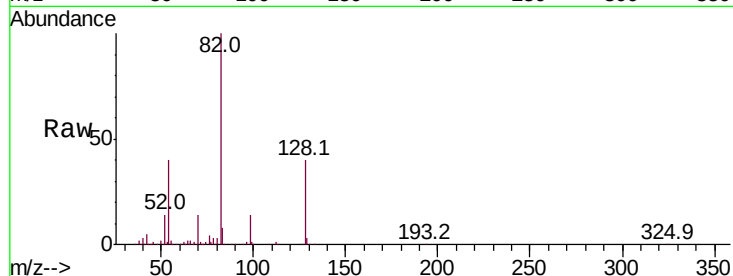




#23
Nitrobenzene-d5
Concen: 70.329 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

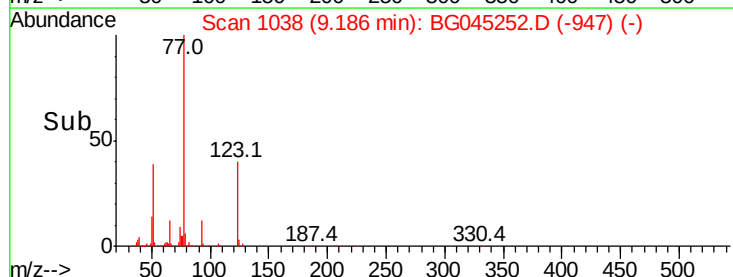
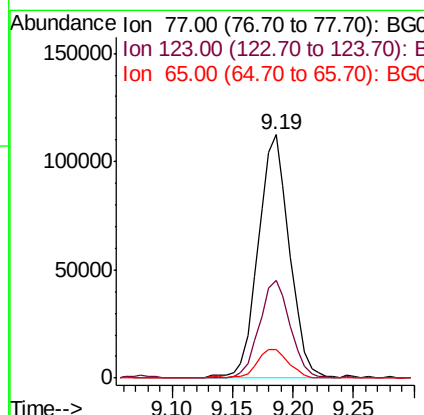
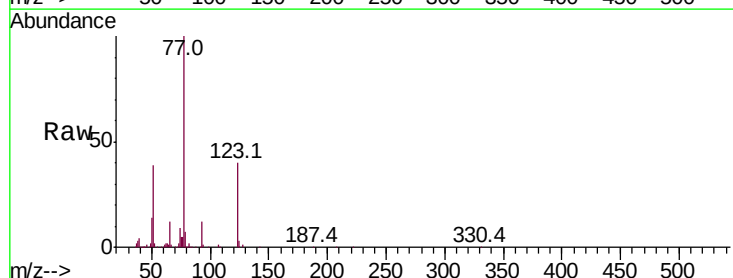
Instrument :
BNA_G
ClientSampleId :
PB128670BS

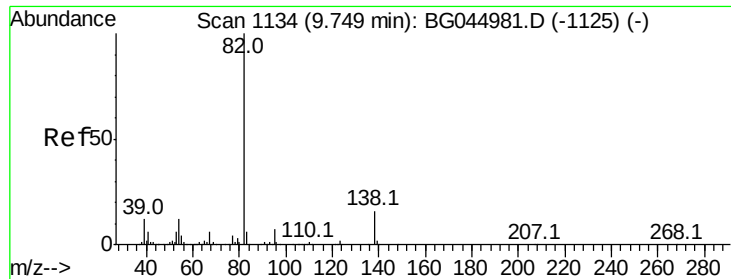
Tot Ion	82	Resp	379662
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.0	49.4
54	40.2	30.4	45.6



#24
Nitrobenzene
Concen: 36.012 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion	77	Resp	199275
Ion Ratio	Lower	Upper	
77	100		
123	40.1	34.3	51.5
65	11.7	8.9	13.3

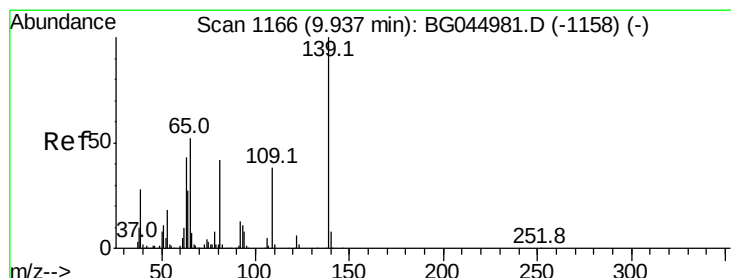
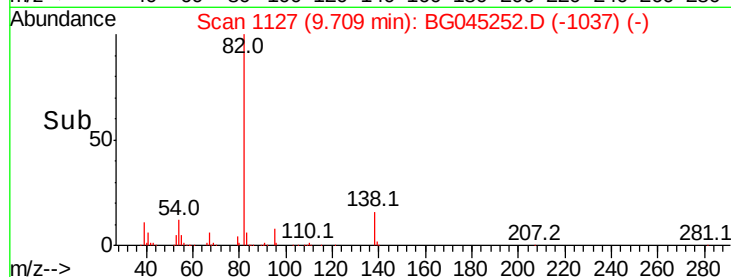
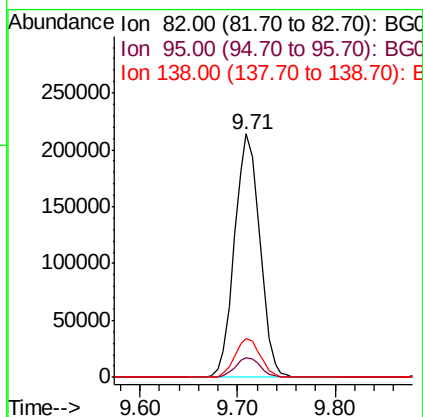
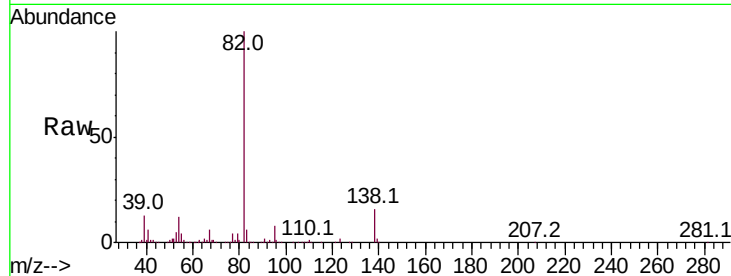




#25
Isophorone
Concen: 34.828 ng
RT: 9.71 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

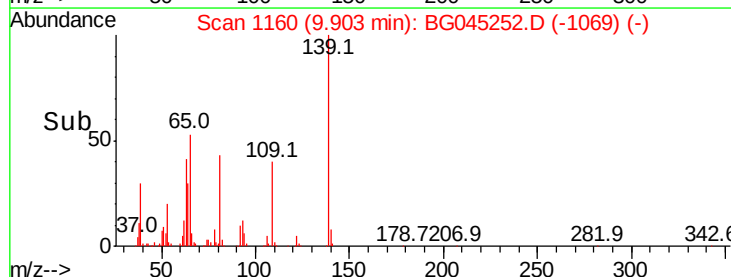
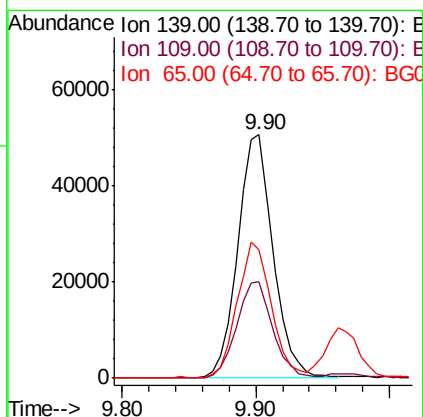
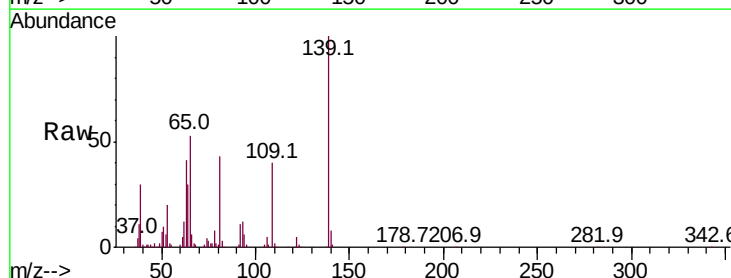
Instrument :
BNA_G
ClientSampleId :
PB128670BS

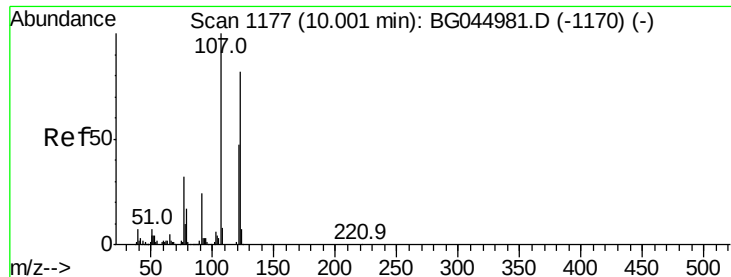
Tot Ion: 82 Resp: 385028
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 15.9 12.7 19.1



#26
2-Nitrophenol
Concen: 38.800 ng
RT: 9.90 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion: 139 Resp: 92482
Ion Ratio Lower Upper
139 100
109 39.6 30.6 45.8
65 52.8 41.8 62.6

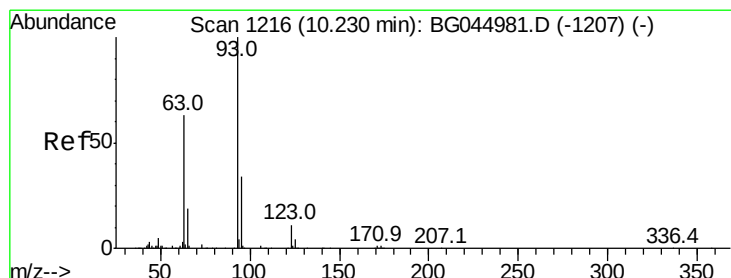
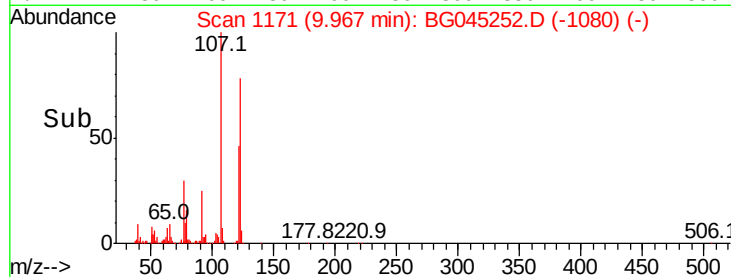
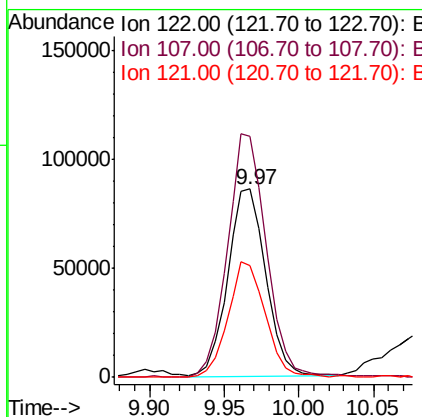
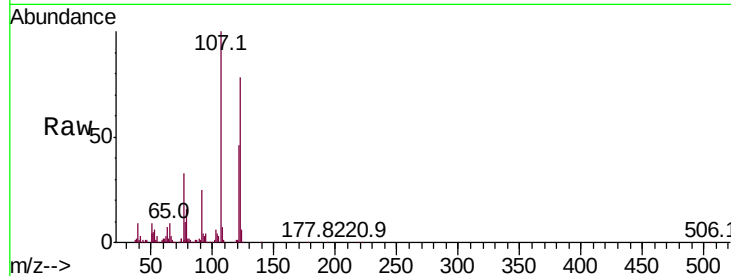




#27
2,4-Dimethylphenol
Concen: 40.409 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

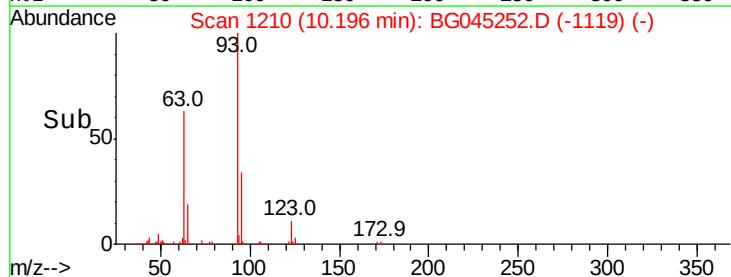
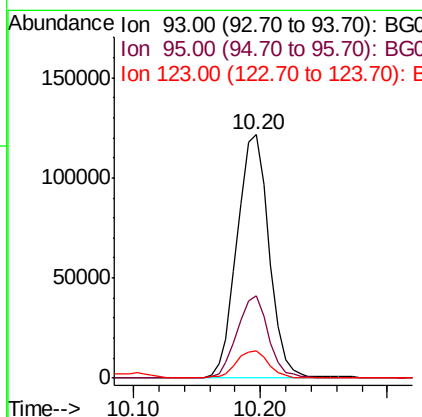
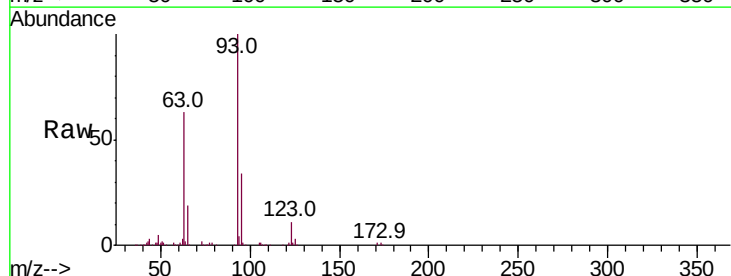
Instrument :
BNA_G
ClientSampleId :
PB128670BS

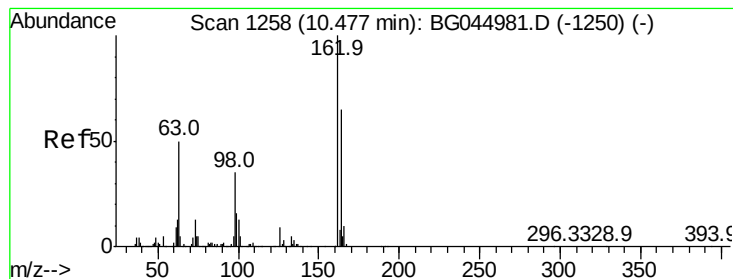
Tot Ion	Ratio	Lower	Upper
122	100		
107	128.1	96.8	145.2
121	59.1	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.867 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.0	40.4
123	11.1	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 39.303 ng

RT: 10.44 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

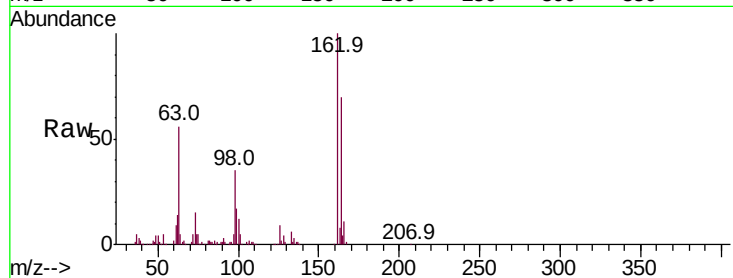
Tot Ion:162 Resp: 171636

Ion Ratio Lower Upper

162 100

164 70.0 45.0 85.0

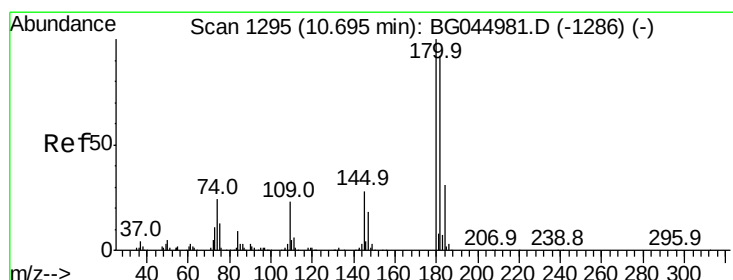
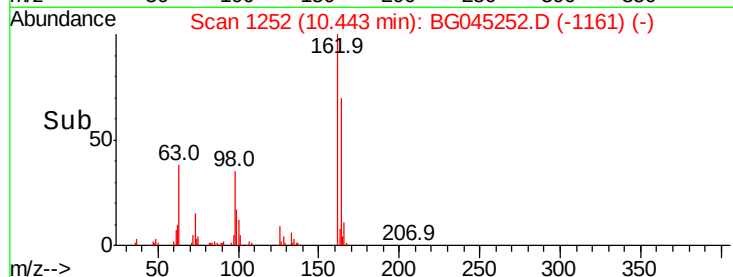
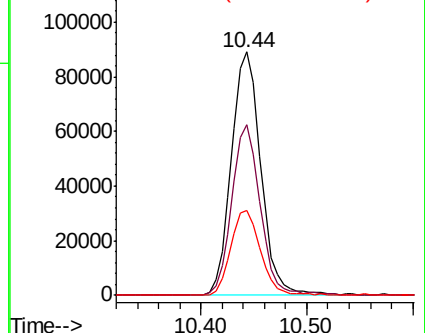
98 34.8 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 36.433 ng

RT: 10.65 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

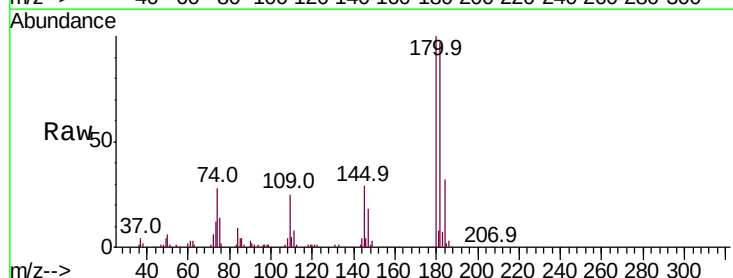
Tgt Ion:180 Resp: 180141

Ion Ratio Lower Upper

180 100

182 96.6 73.3 109.9

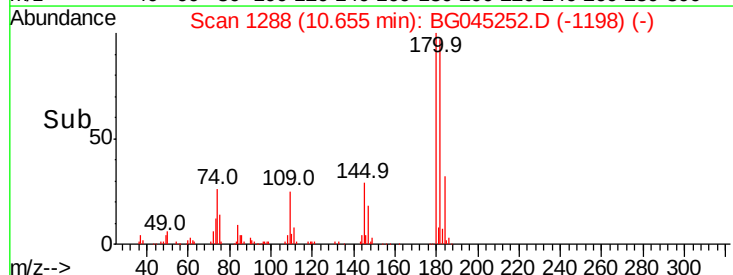
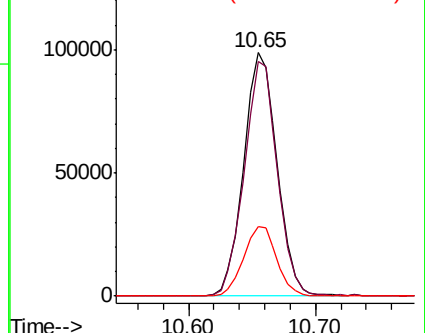
145 28.6 22.6 33.8

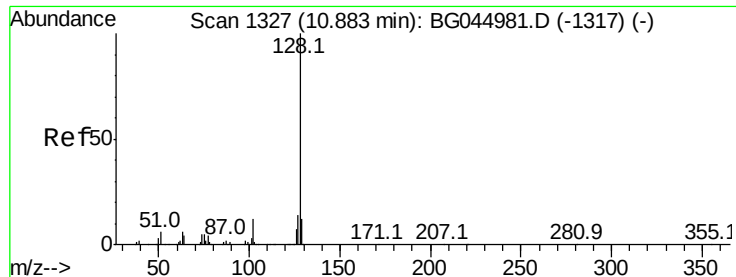


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

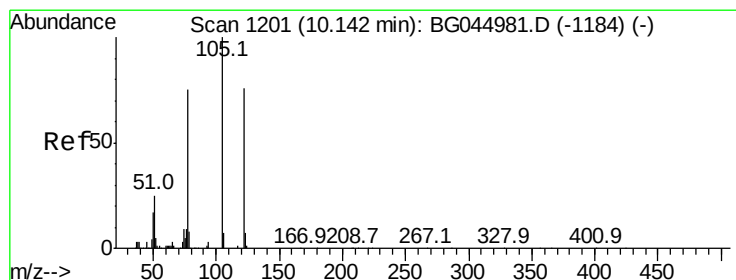
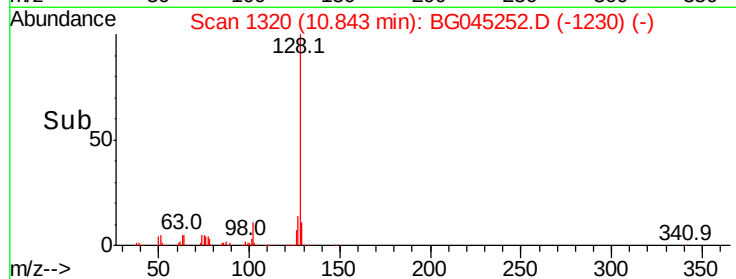
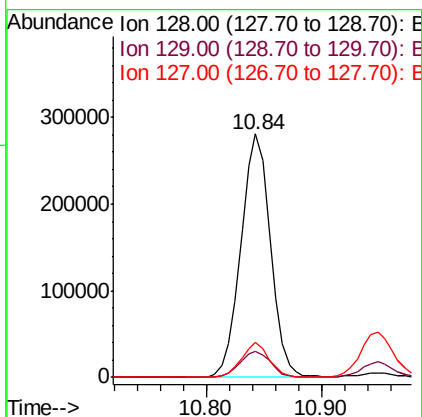
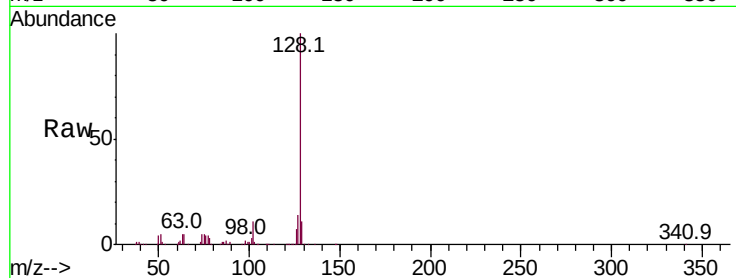




#31
Naphthalene
Concen: 37.076 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

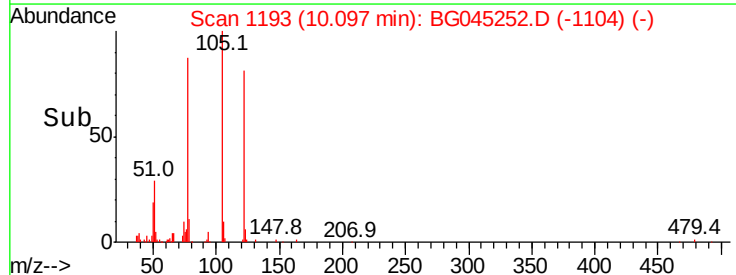
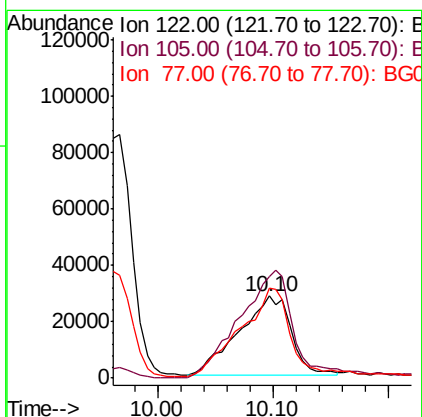
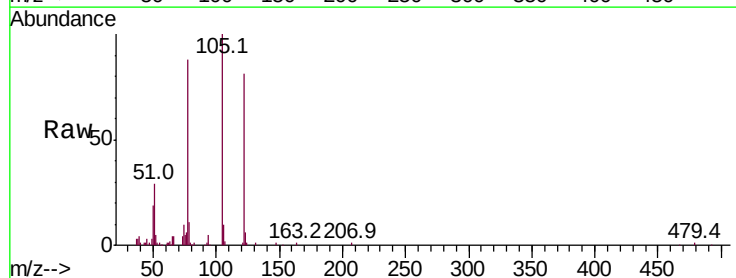
Instrument :
BNA_G
ClientSampleId :
PB128670BS

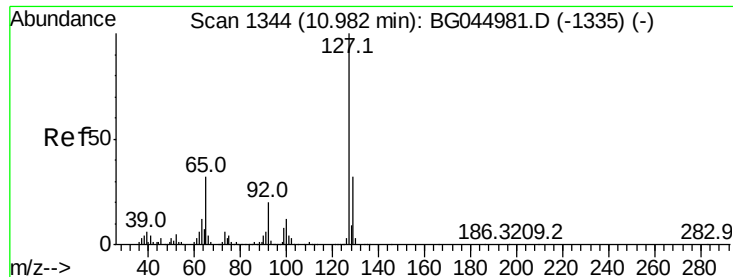
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	14.1	10.8	16.2



#32
Benzoic acid
Concen: 31.546 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	108.4	148.4
77	109.1	78.8	118.8

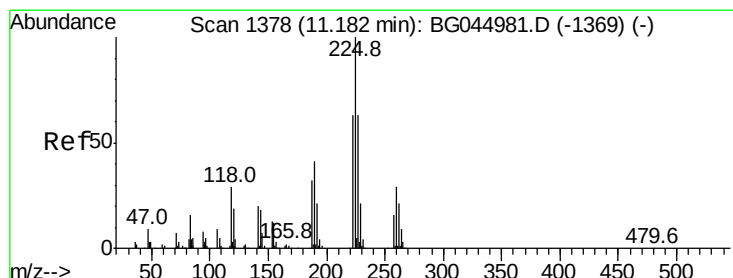
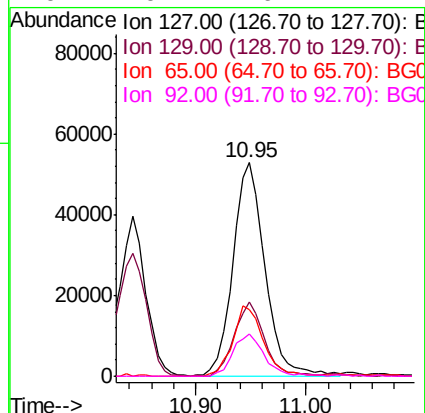
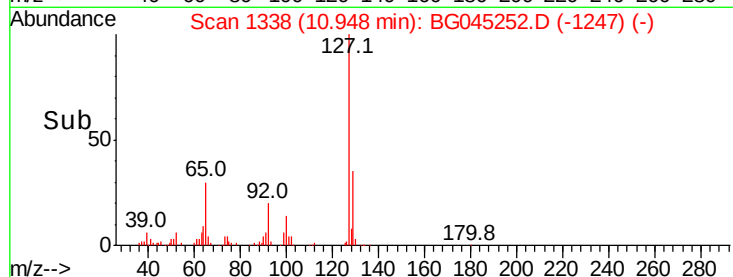
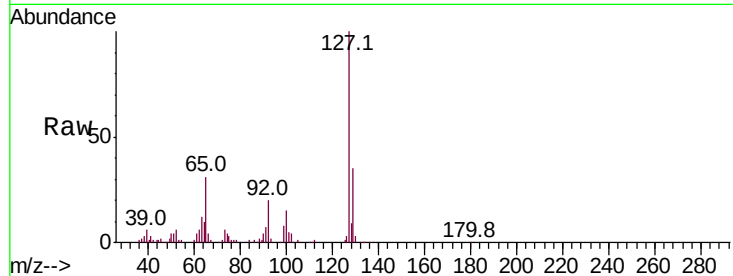




#33
4-Chloroaniline
Concen: 17.187 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

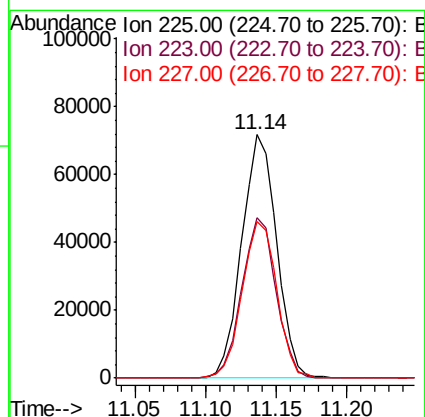
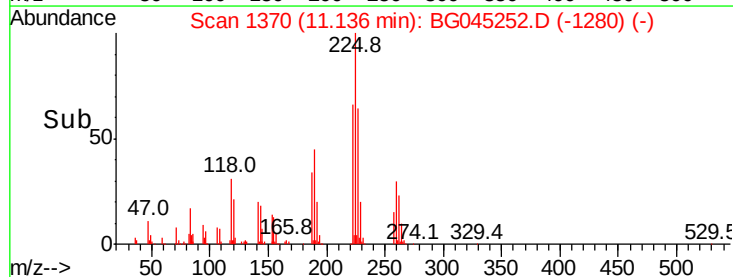
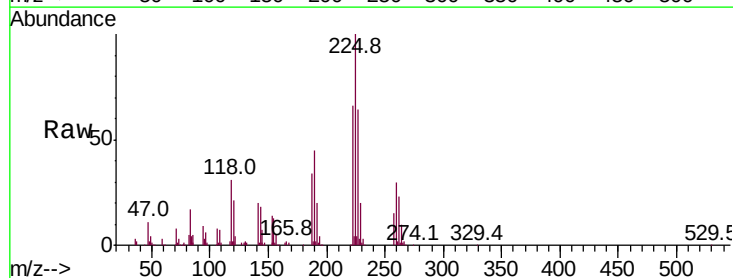
Instrument :
BNA_G
ClientSampleId :
PB128670BS

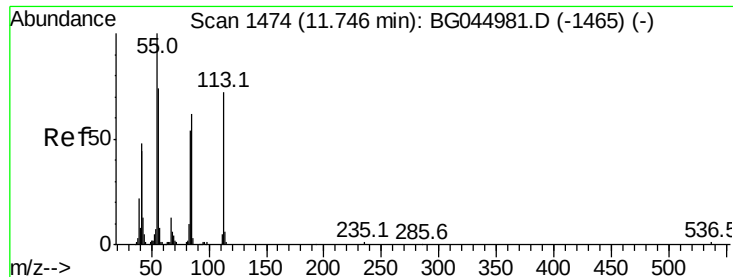
Tot Ion:	127	Resp:	108010
Ion	Ratio	Lower	Upper
127	100		
129	35.0	25.7	38.5
65	31.1	25.4	38.2
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 36.584 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion:	225	Resp:	124017
Ion	Ratio	Lower	Upper
225	100		
223	65.8	50.7	76.1
227	64.1	50.2	75.2





#35

Caprolactam

Concen: 17.153 ng

RT: 11.71 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

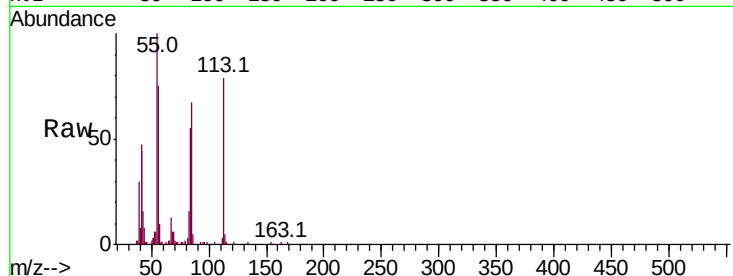
Tot Ion:113 Resp: 29813

Ion Ratio Lower Upper

113 100

55 126.8 118.8 158.8

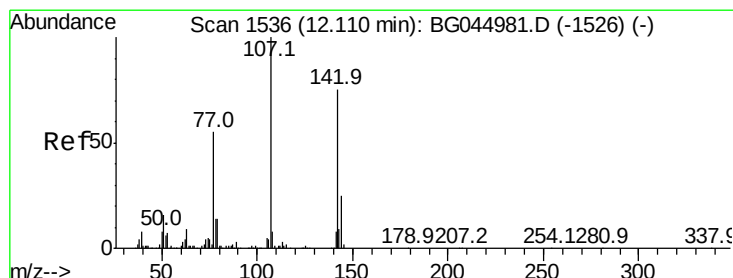
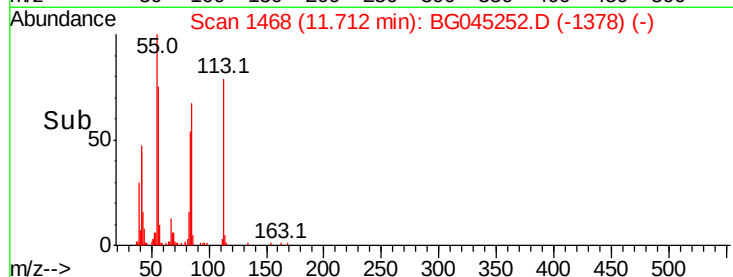
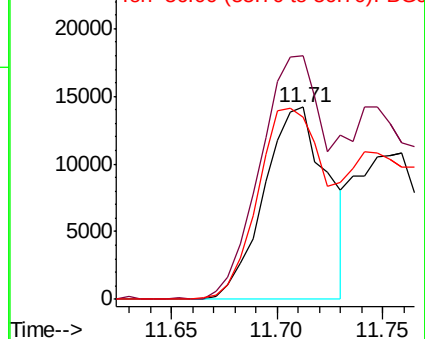
56 94.6 82.6 122.6



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: 38.941 ng

RT: 12.08 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

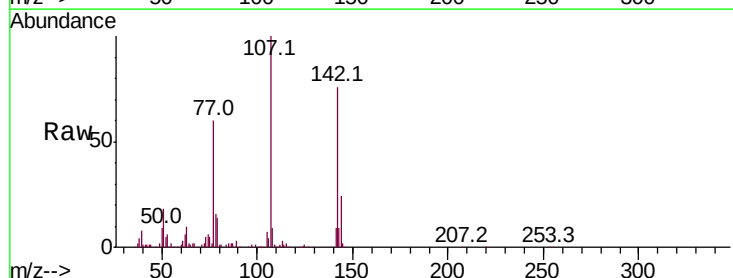
Tgt Ion:107 Resp: 199774

Ion Ratio Lower Upper

107 100

144 24.1 19.8 29.6

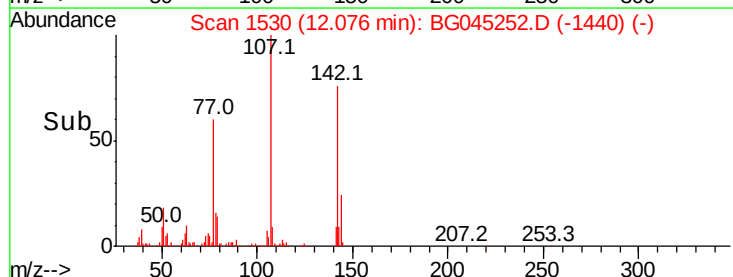
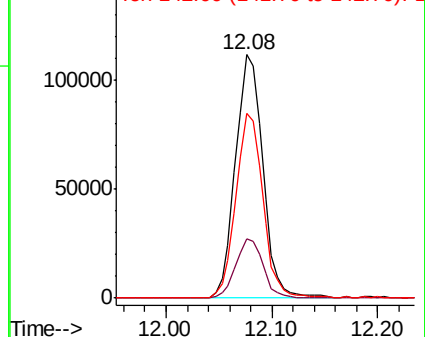
142 75.7 59.7 89.5

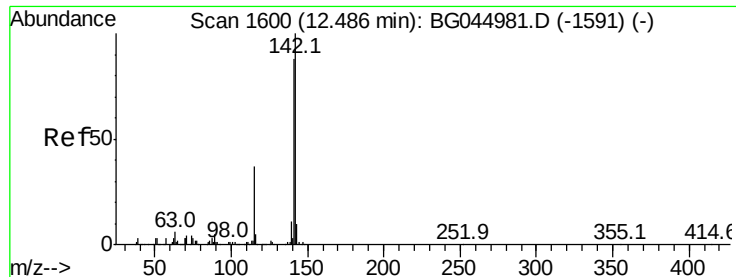


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

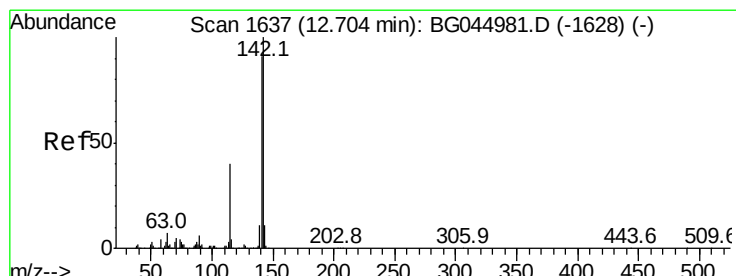
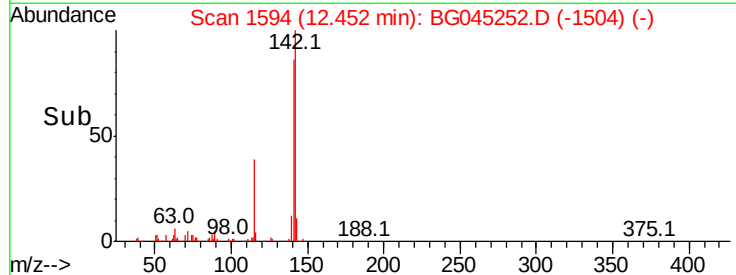
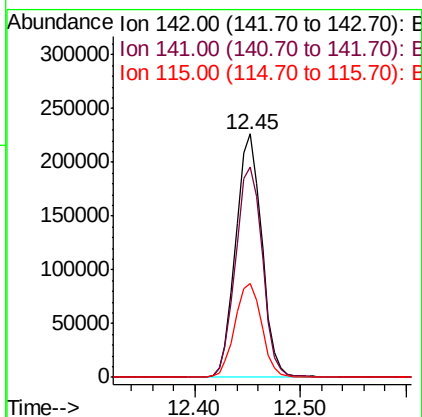
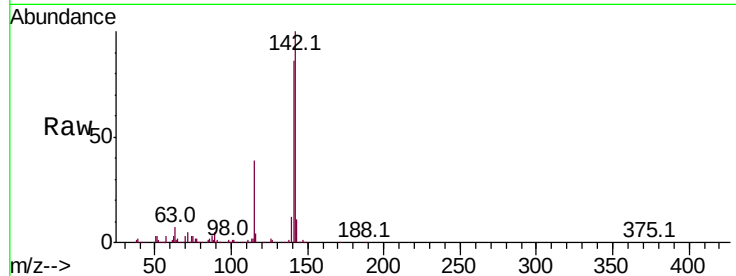




#37
2-Methylnaphthalene
Concen: 36.820 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

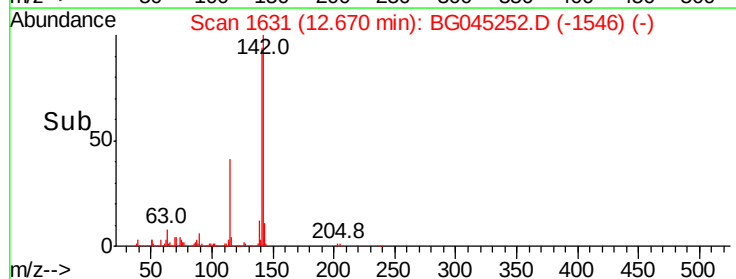
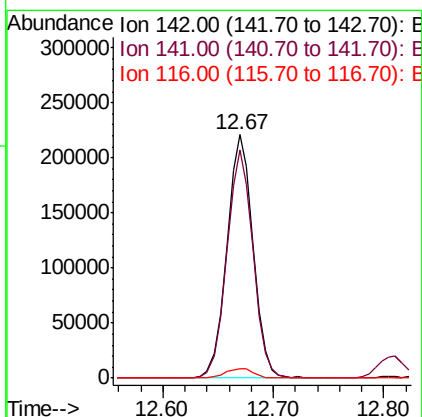
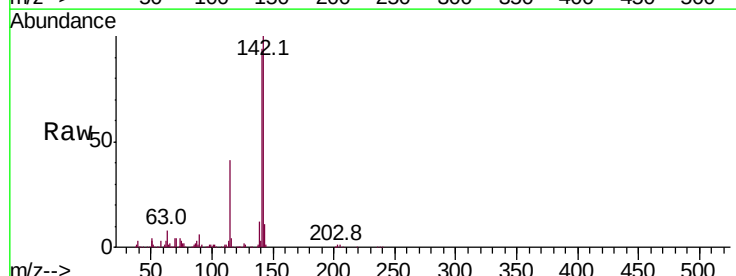
Instrument :
BNA_G
ClientSampleId :
PB128670BS

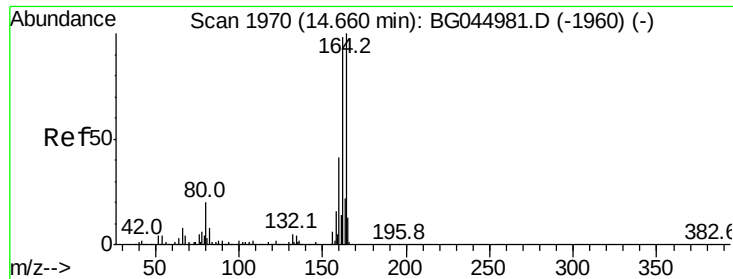
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.3	105.5
115	38.8	29.8	44.6



#38
1-Methylnaphthalene
Concen: 36.917 ng
RT: 12.67 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	72.7	109.1
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

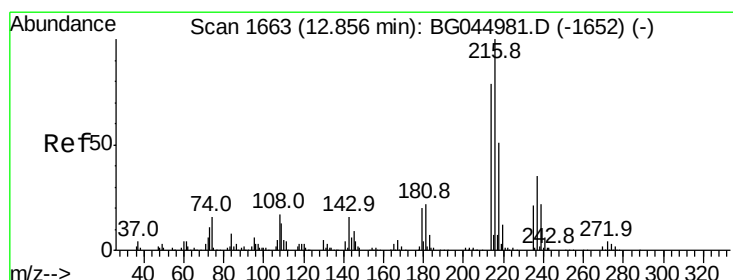
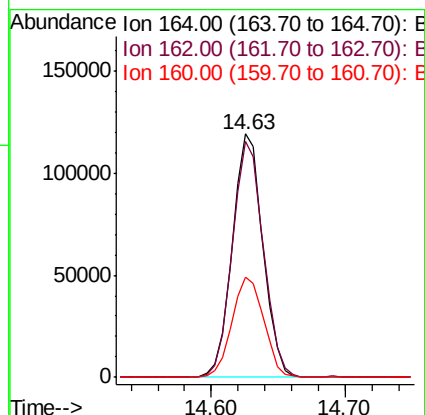
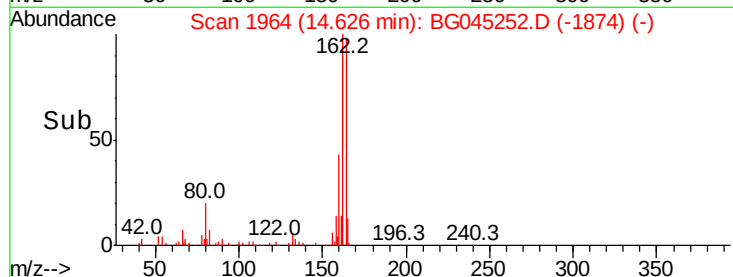
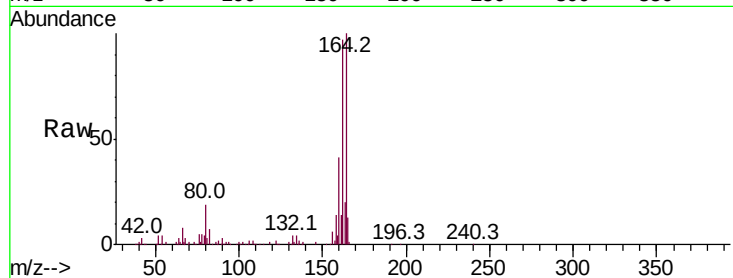
Tot Ion:164 Resp: 189581

Ion Ratio Lower Upper

164 100

162 97.0 78.7 118.1

160 41.4 32.8 49.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.012 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Tgt Ion:216 Resp: 213713

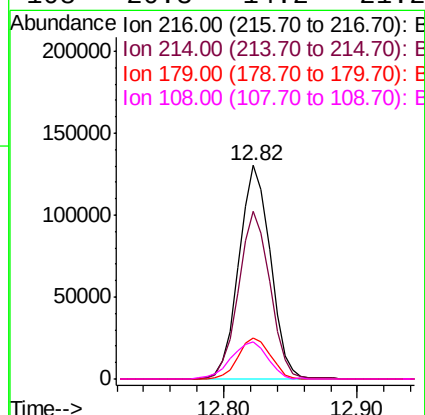
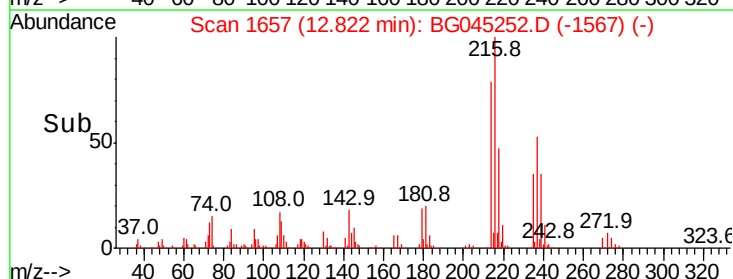
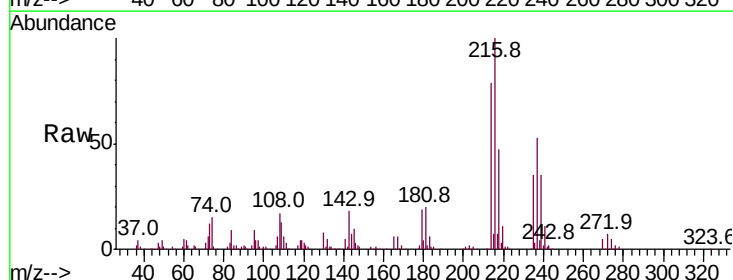
Ion Ratio Lower Upper

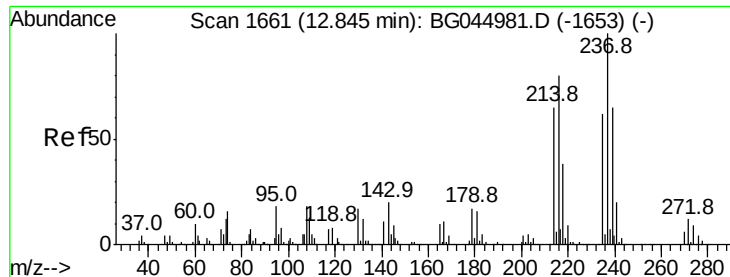
216 100

214 78.3 63.0 94.6

179 19.7 15.8 23.8

108 20.3 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 80.696 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

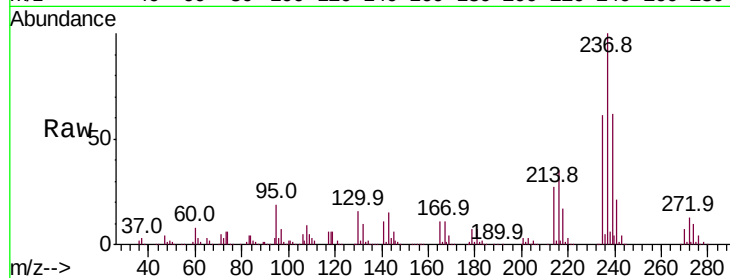
BNA_G

ClientSampleId :

PB128670BS

Tot Ion:237 Resp: 307865

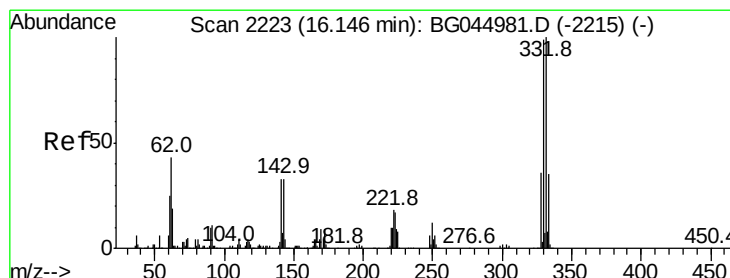
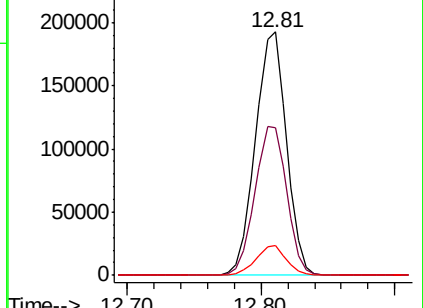
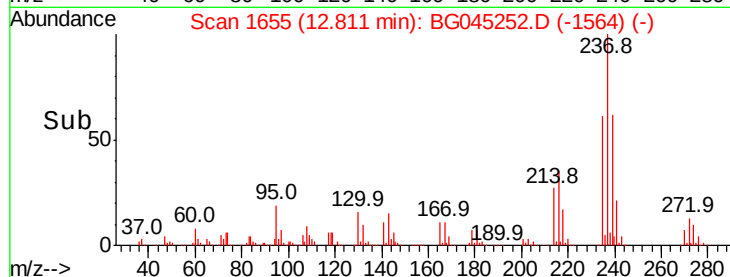
Ion	Ratio	Lower	Upper
237	100		
235	60.8	41.6	81.6
272	12.5	0.0	32.1



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: 107.196 ng

RT: 16.12 min Scan# 2218

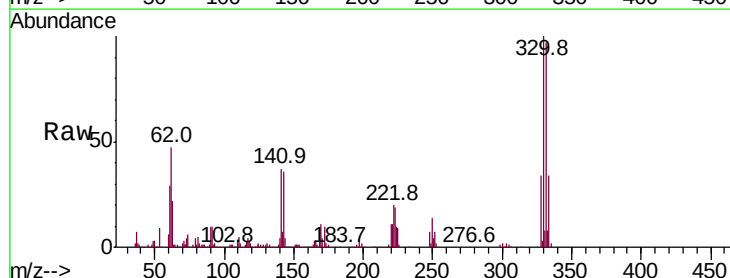
Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Tgt Ion:330 Resp: 313952

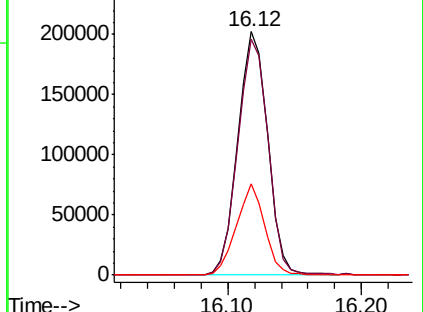
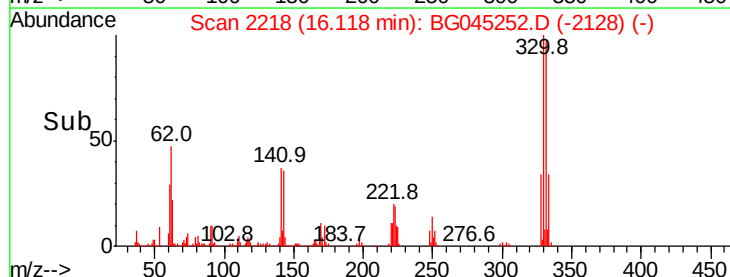
Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	35.4	27.1	40.7

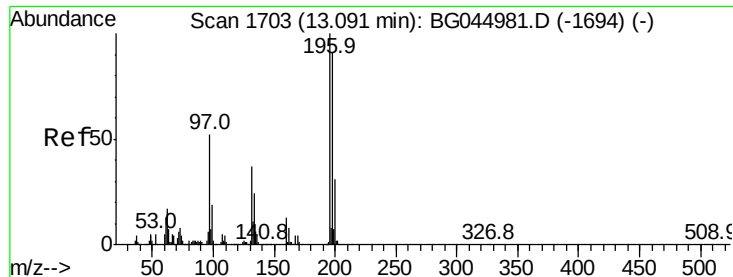


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

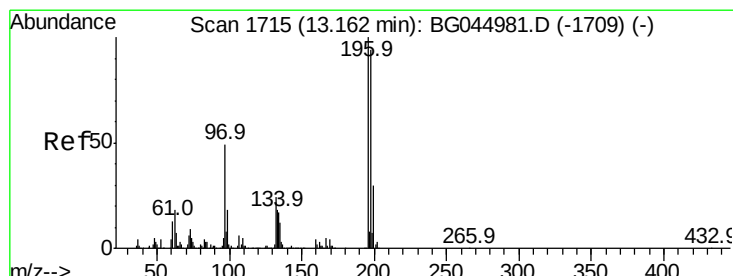
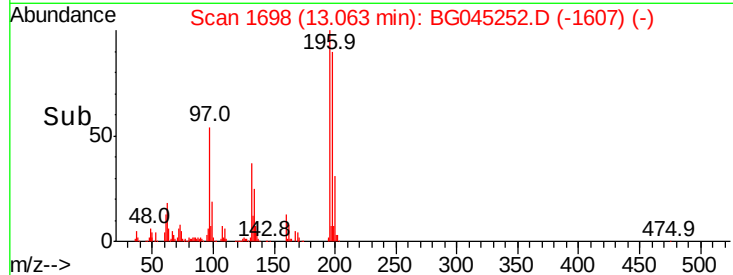
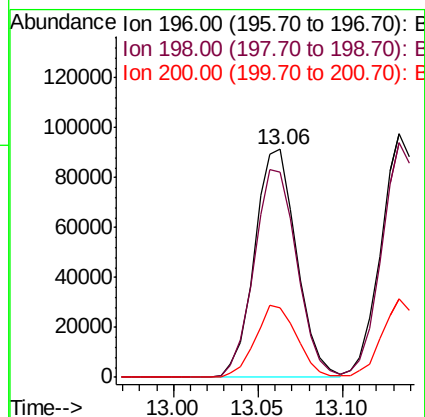
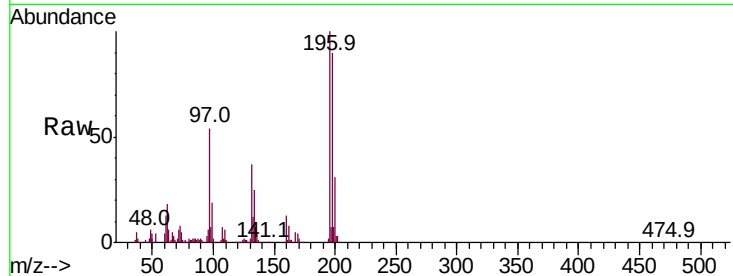




#43
 2,4,6-Trichlorophenol
 Concen: 36.511 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

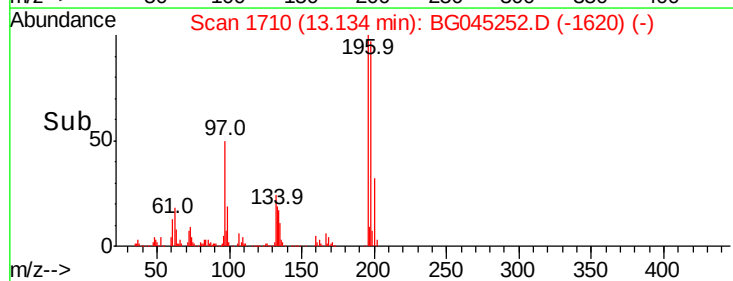
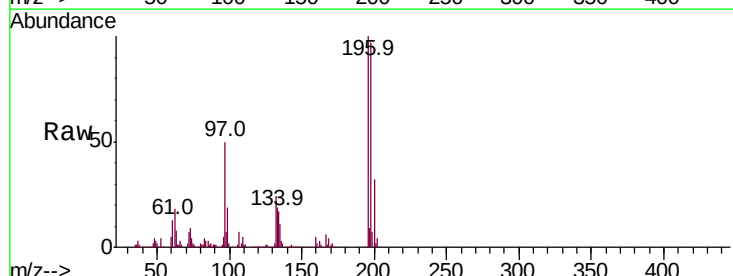
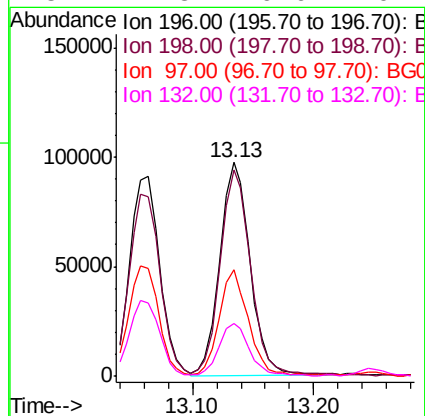
Instrument :
 BNA_G
 ClientSampleId :
 PB128670BS

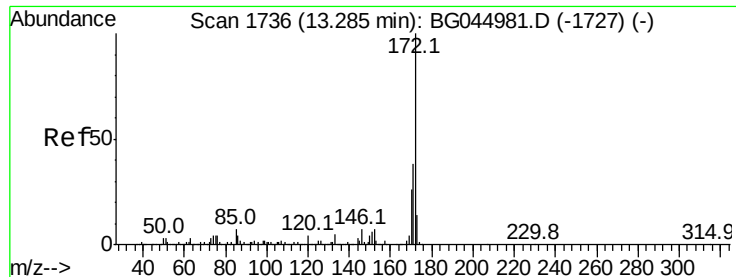
Tot Ion:196 Resp: 157290
 Ion Ratio Lower Upper
 196 100
 198 89.8 72.5 108.7
 200 30.6 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 34.262 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Tgt Ion:196 Resp: 168006
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 97 49.7 39.6 59.4
 132 24.3 19.6 29.4

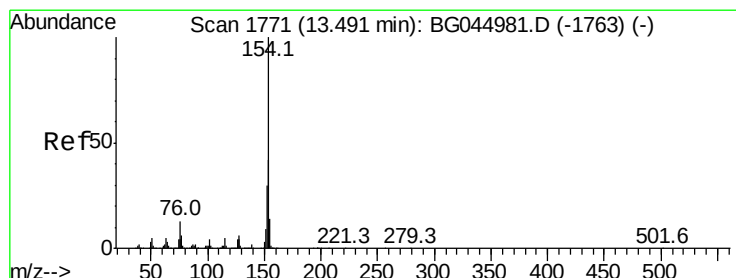
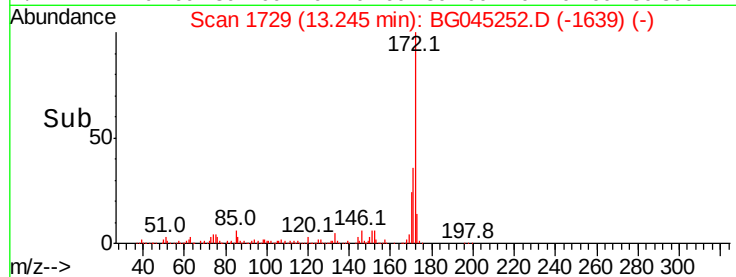
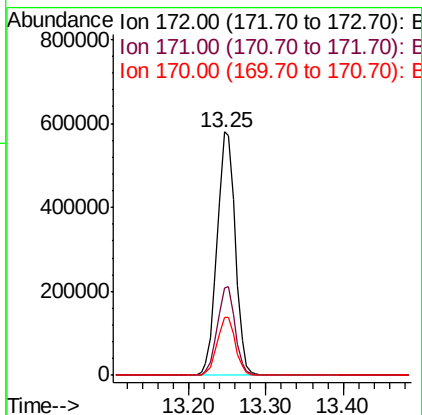
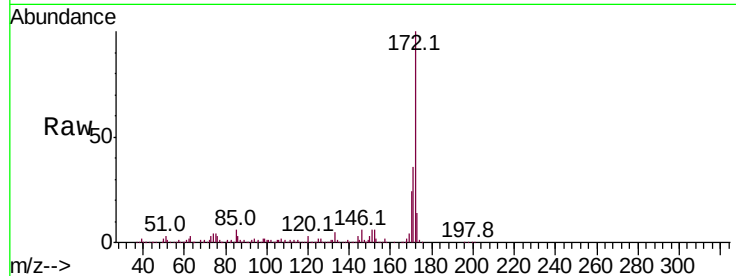




#45
2-Fluorobiphenyl
Concen: 72.988 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

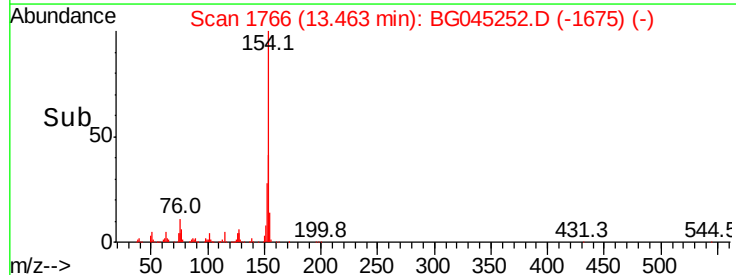
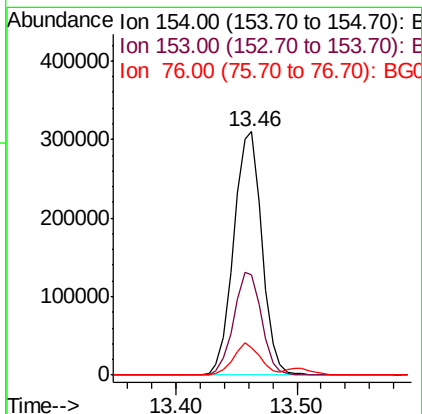
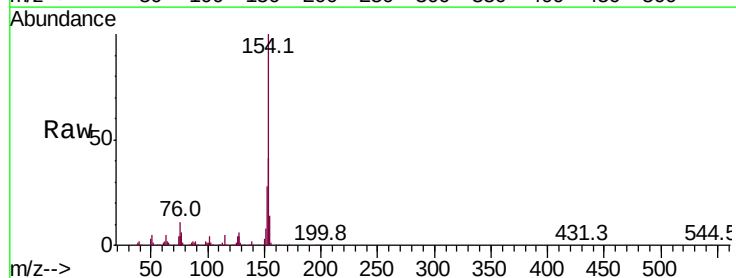
Instrument :
BNA_G
ClientSampleId :
PB128670BS

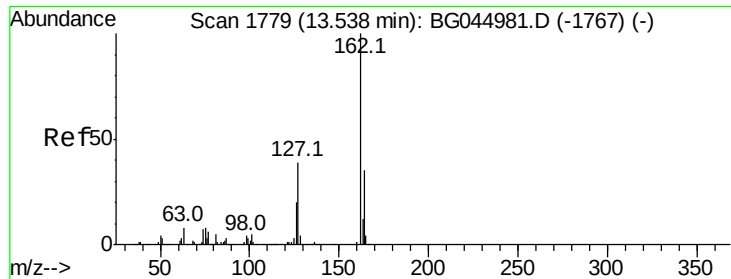
Tot Ion:	172	Resp:	943662
Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	46.0
170	23.7	20.5	30.7



#46
1,1'-Biphenyl
Concen: 35.014 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion:	154	Resp:	504532
Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.9	61.9
76	11.4	0.0	33.1

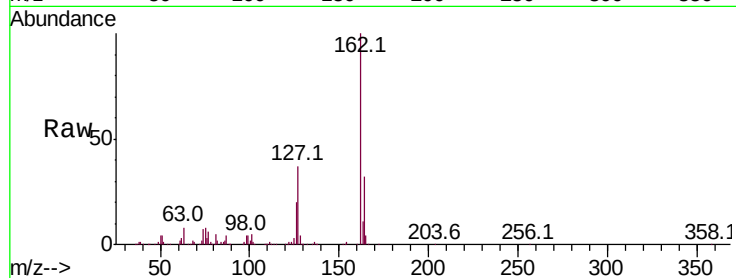




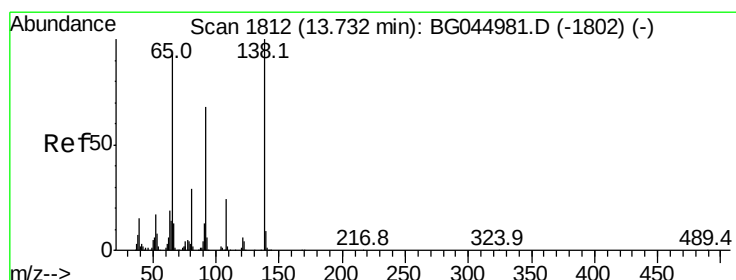
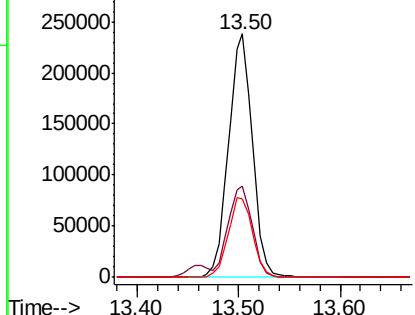
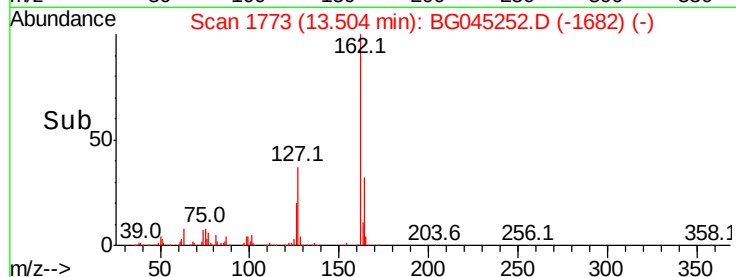
#47
2-Chloronaphthalene
Concen: 35.214 ng
RT: 13.50 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB128670BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	31.3	46.9
164	32.4	27.8	41.8

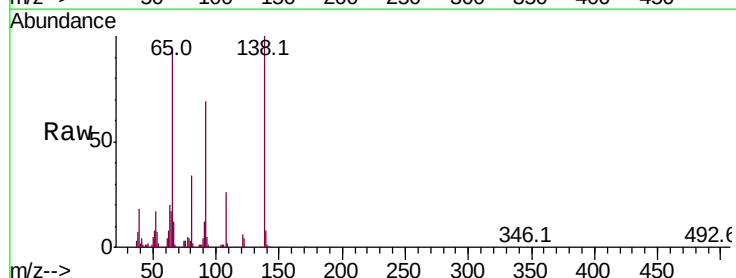


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

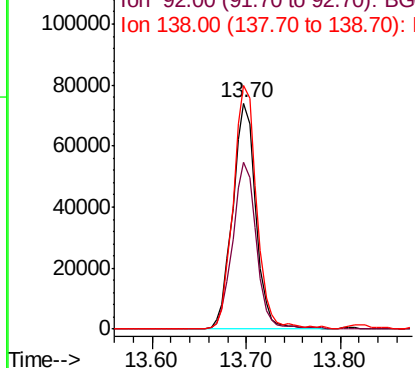
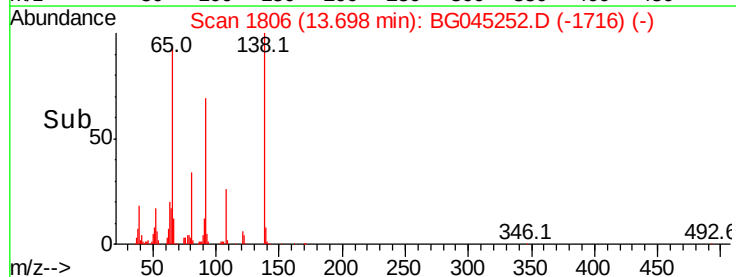


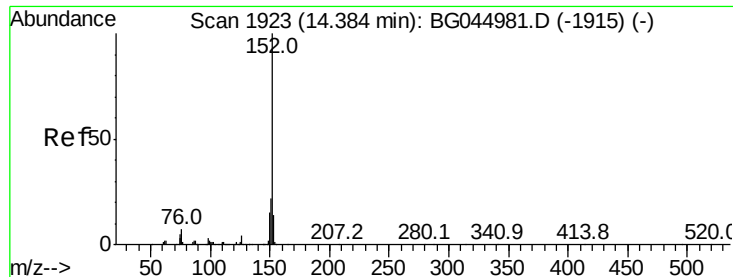
#48
2-Nitroaniline
Concen: 35.029 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	58.3	87.5
138	107.8	85.6	128.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.278 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

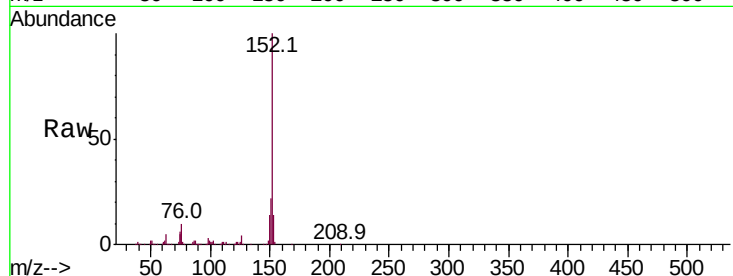
Tot Ion:152 Resp: 650616

Ion Ratio Lower Upper

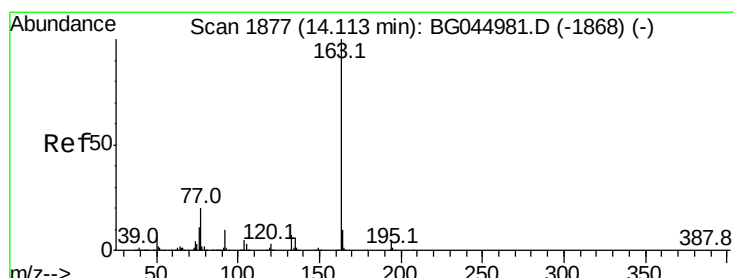
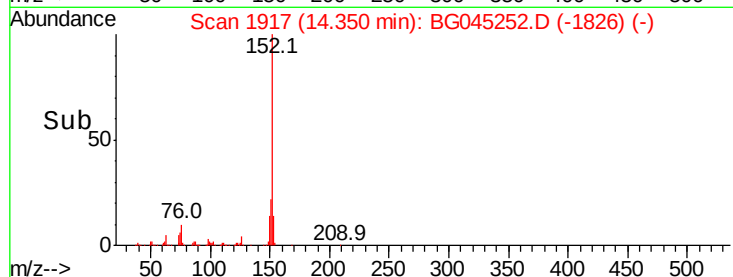
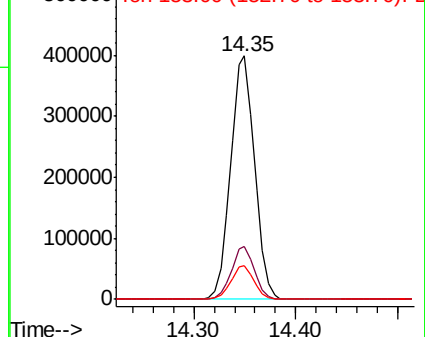
152 100

151 21.8 17.2 25.8

153 13.6 11.0 16.4



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: 35.655 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

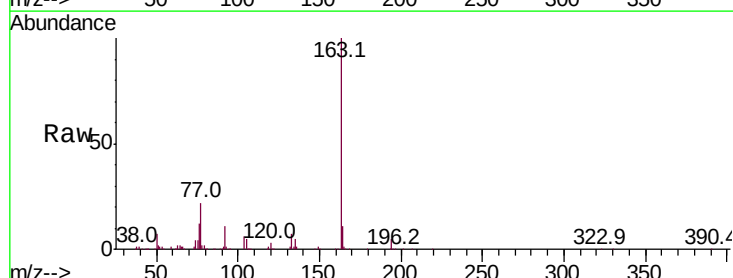
Tgt Ion:163 Resp: 550397

Ion Ratio Lower Upper

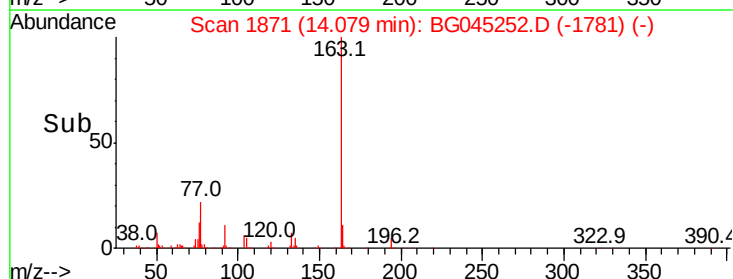
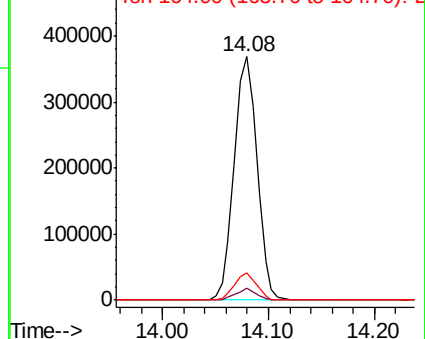
163 100

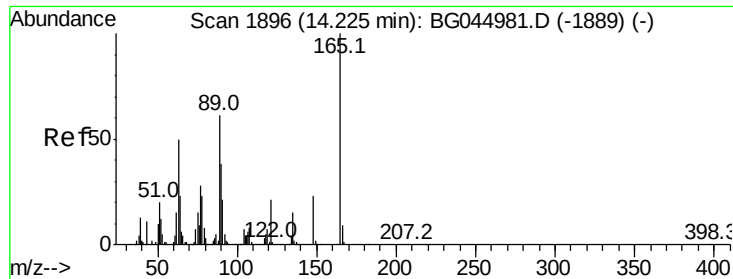
194 4.7 3.5 5.3

164 11.1 8.2 12.4



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

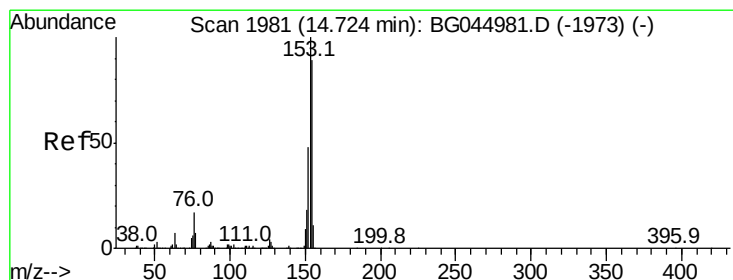
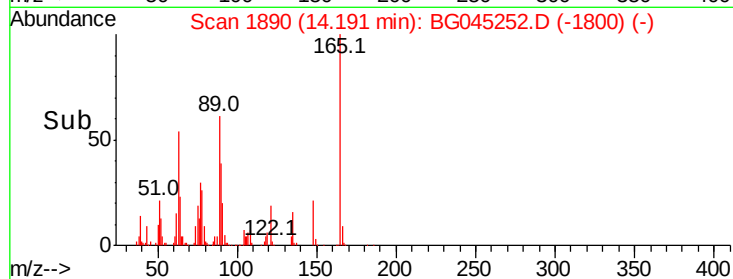
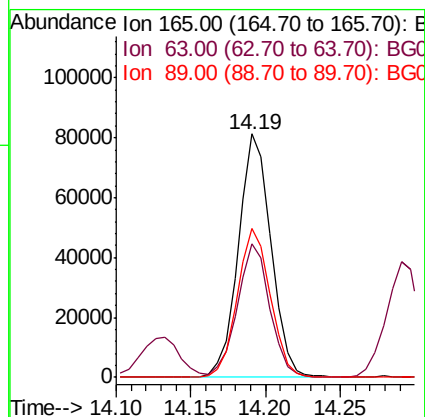
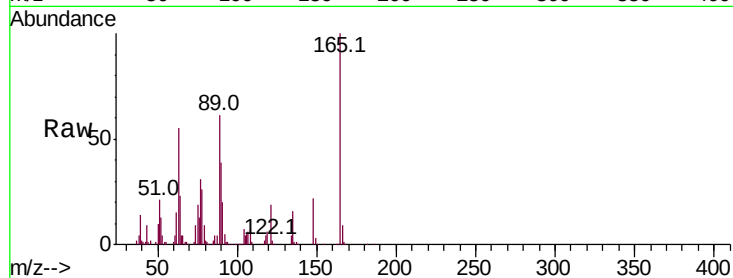




#51
 2,6-Dinitrotoluene
 Concen: 35.717 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

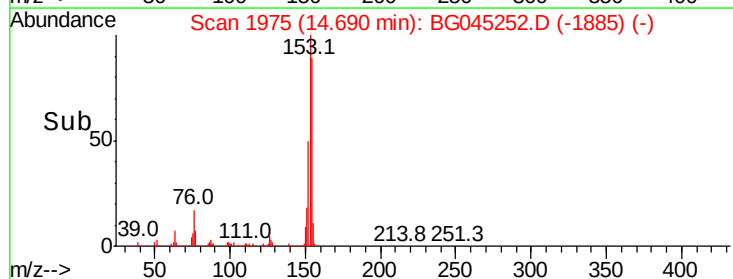
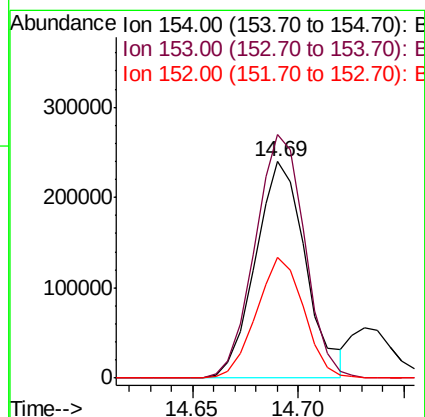
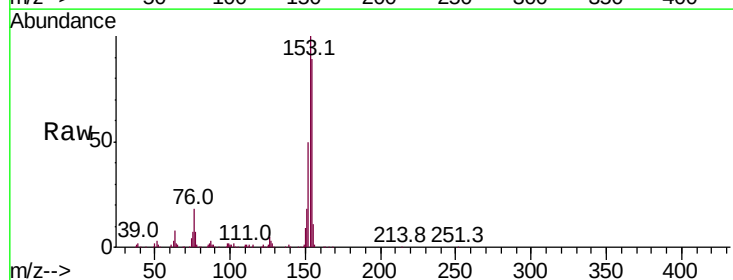
Instrument :
 BNA_G
 ClientSampleId :
 PB128670BS

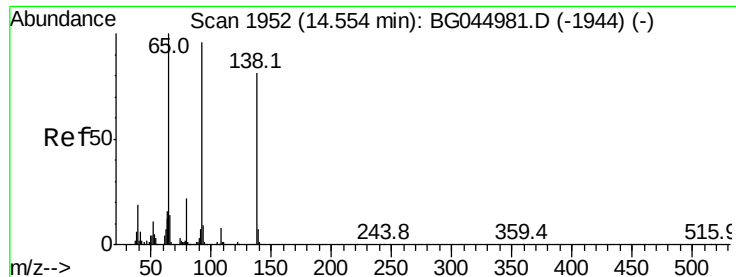
Tot Ion:165 Resp: 123320
 Ion Ratio Lower Upper
 165 100
 63 54.7 40.4 60.6
 89 60.9 49.1 73.7



#52
 Acenaphthene
 Concen: 32.650 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Tgt Ion:154 Resp: 396188
 Ion Ratio Lower Upper
 154 100
 153 112.5 89.7 134.5
 152 55.7 43.1 64.7





#53

3-Nitroaniline

Concen: 18.203 ng

RT: 14.53 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

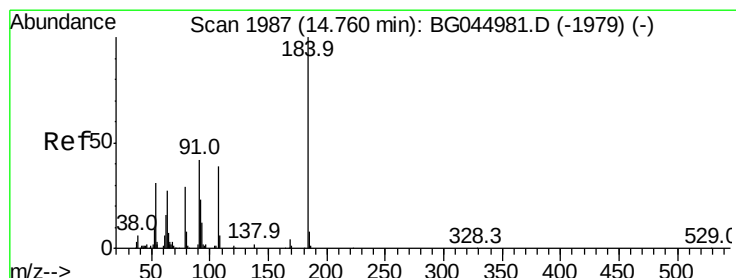
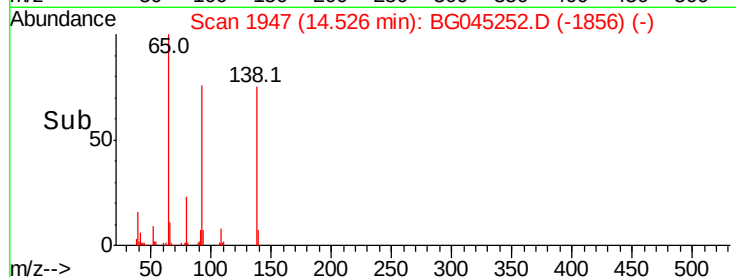
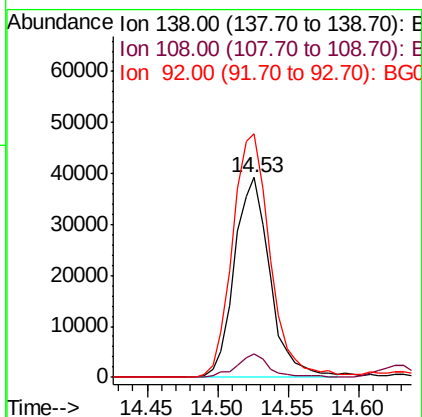
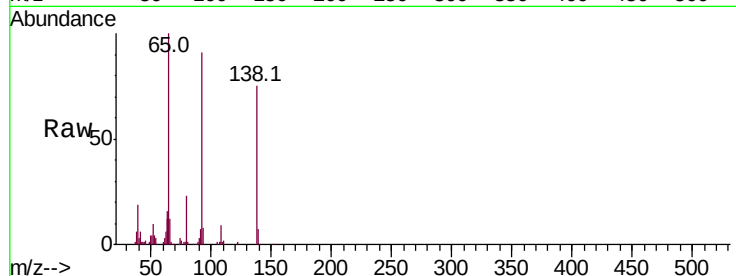
Tot Ion:138 Resp: 68933

Ion Ratio Lower Upper

138 100

108 12.0 7.8 11.8#

92 122.0 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 69.542 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

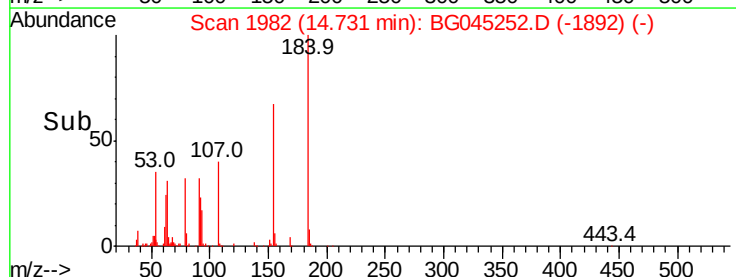
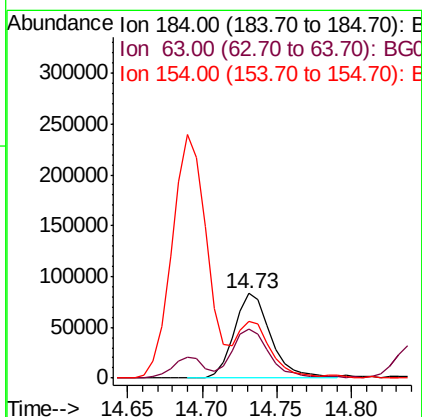
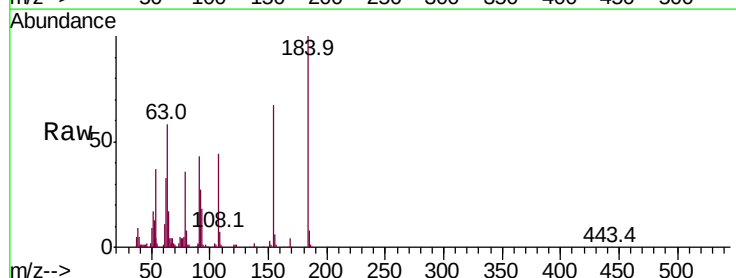
Tgt Ion:184 Resp: 142775

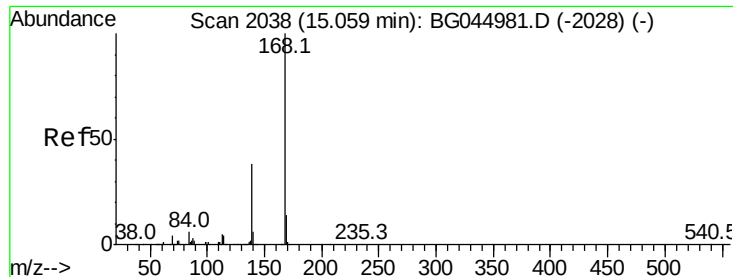
Ion Ratio Lower Upper

184 100

63 58.0 41.5 62.3

154 67.0 52.3 78.5

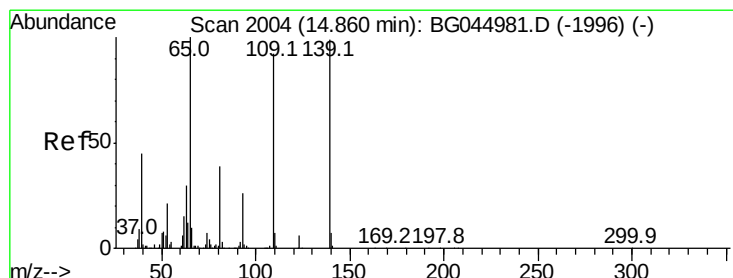
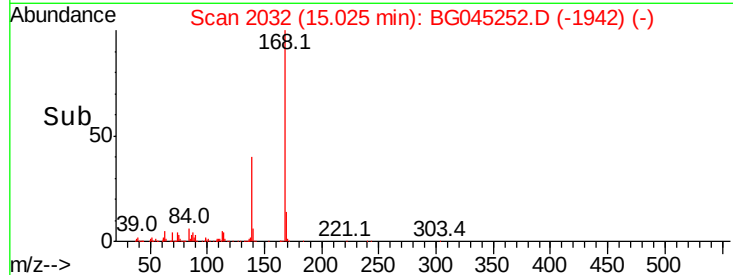
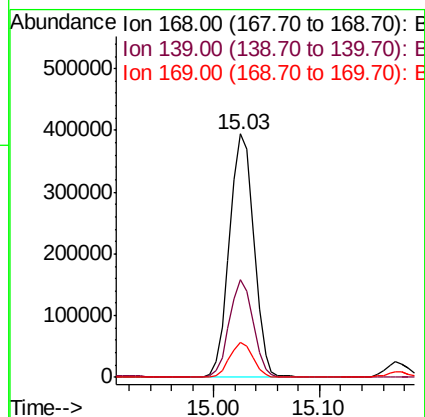
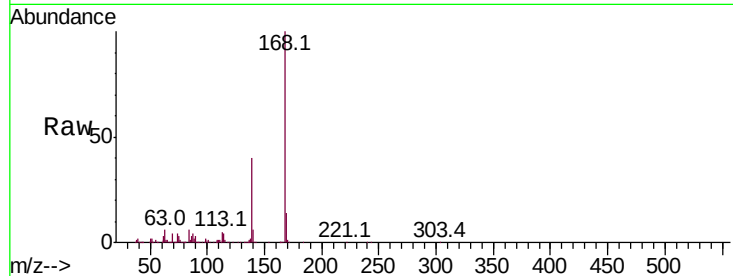




#55
Dibenzenofuran
Concen: 35.614 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

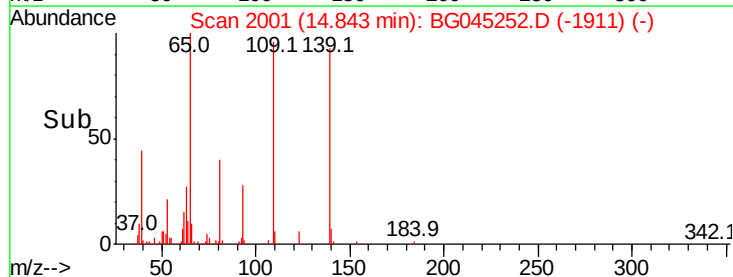
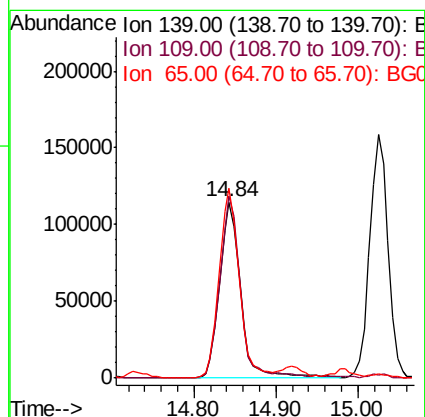
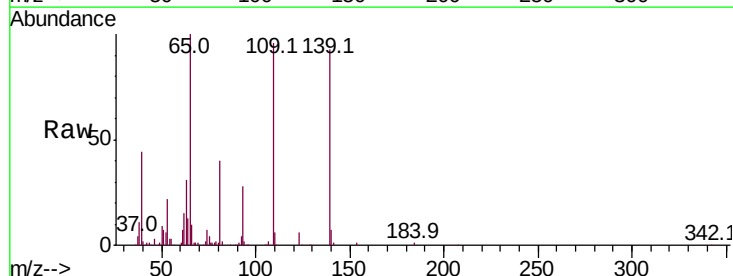
Instrument :
BNA_G
ClientSampleId :
PB128670BS

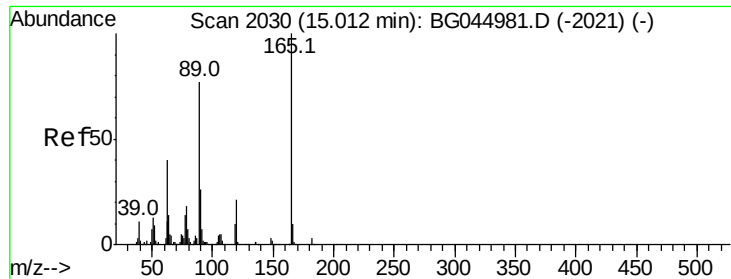
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.4	45.6
169	14.4	11.0	16.4



#56
4-Nitrophenol
Concen: 70.661 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.2	73.6	113.6
65	107.6	81.2	121.2

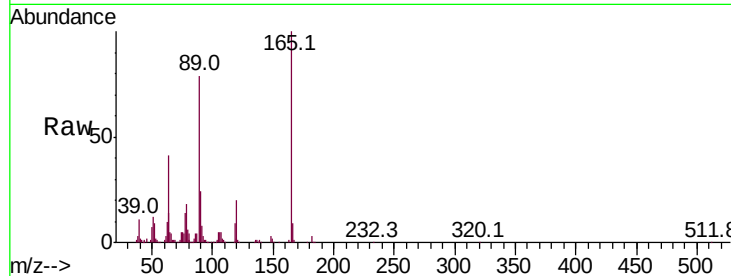




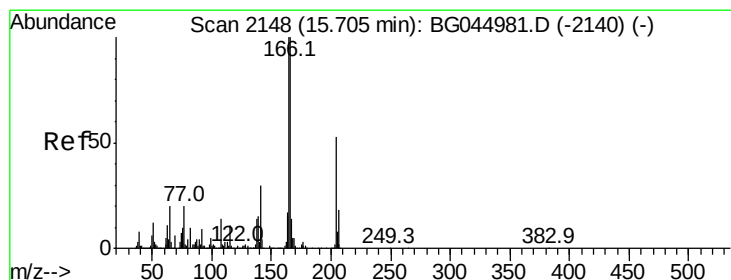
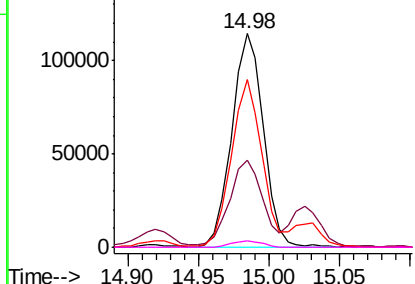
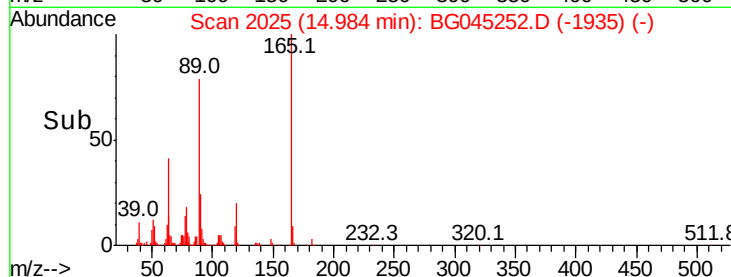
#57
2,4-Dinitrotoluene
Concen: 35.246 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB128670BS

Tot Ion:165 Resp: 177842
Ion Ratio Lower Upper
165 100
63 40.9 32.2 48.2
89 78.7 61.7 92.5
182 3.1 2.0 3.0#

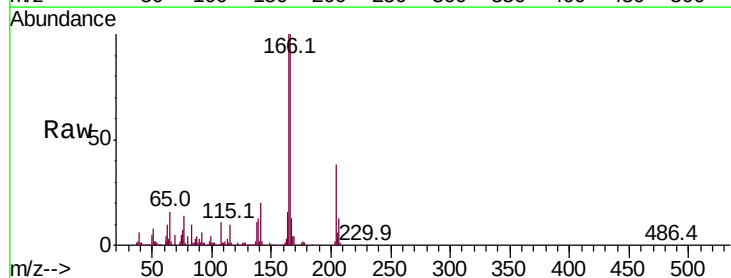


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

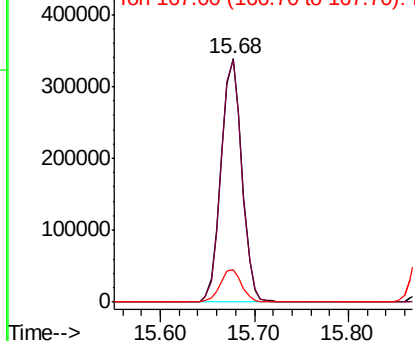
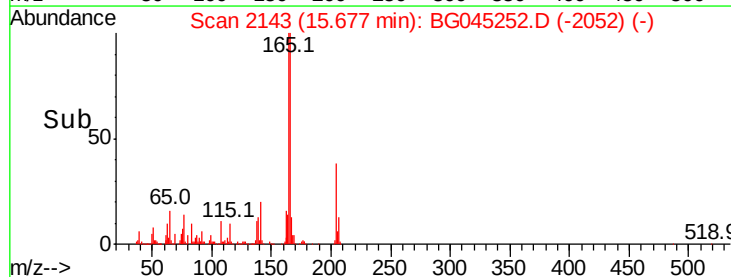


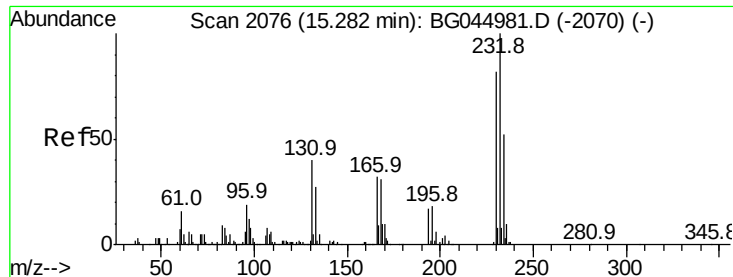
#58
Fluorene
Concen: 36.386 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion:166 Resp: 525784
Ion Ratio Lower Upper
166 100
165 99.6 79.9 119.9
167 13.5 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

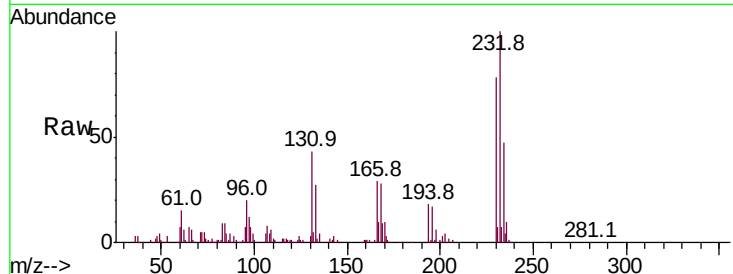




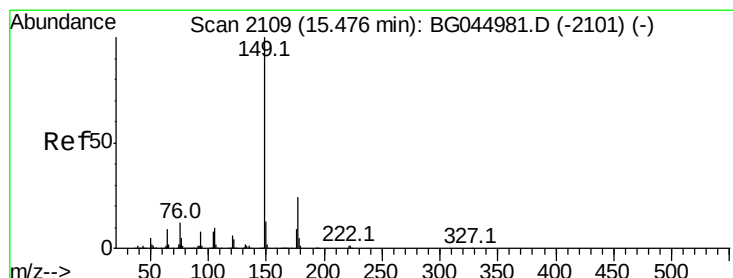
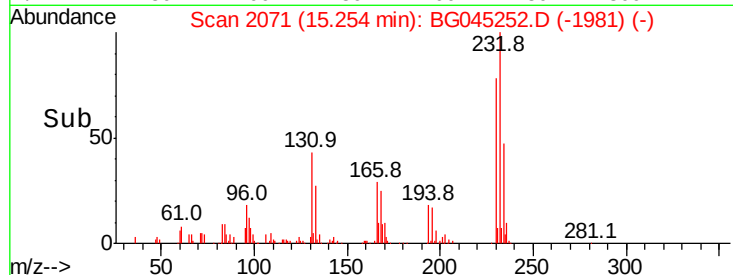
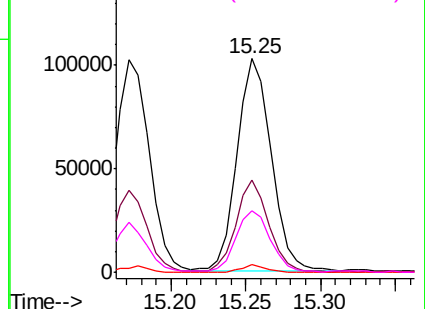
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.482 ng
 RT: 15.25 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB128670BS

Tot Ion:	232	Resp:	163540
Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.2	48.2
130	2.7	2.2	3.2
166	29.5	24.2	36.4

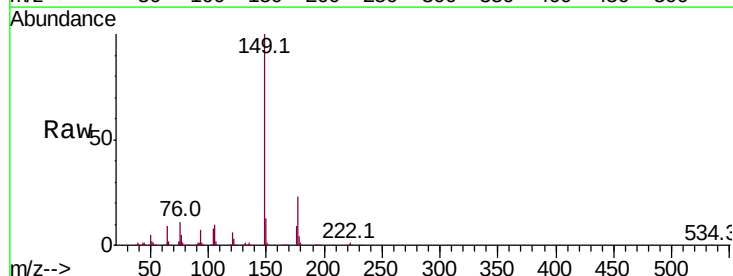


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

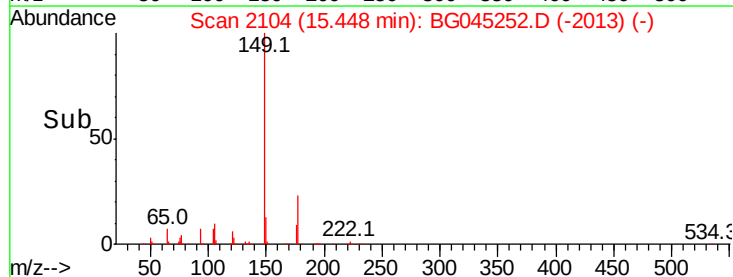
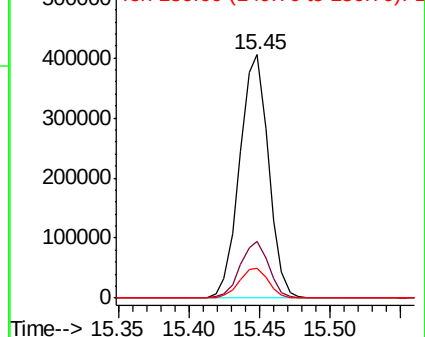


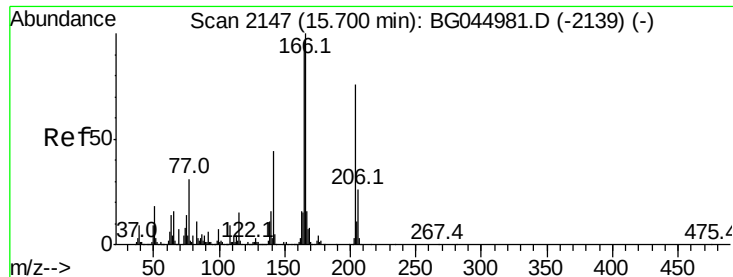
#60
 Diethylphthalate
 Concen: 35.974 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Tgt Ion:	149	Resp:	578974
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.9	28.3
150	12.5	10.6	15.8



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: 34.738 ng

RT: 15.67 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

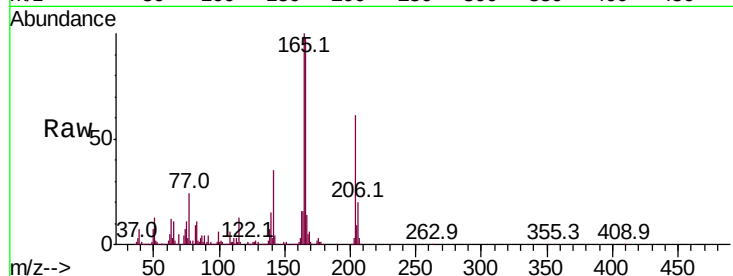
Tot Ion:204 Resp: 288926

Ion Ratio Lower Upper

204 100

206 33.3 26.9 40.3

141 57.8 46.3 69.5

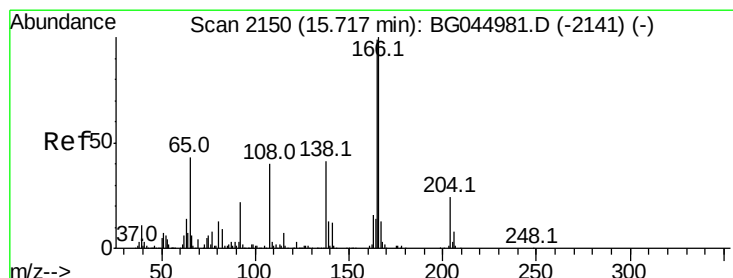
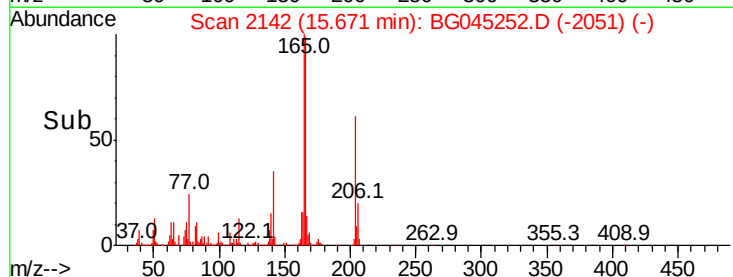
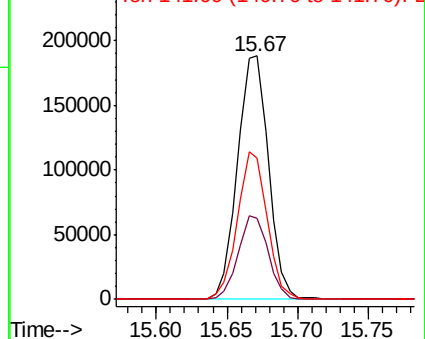


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 30.876 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

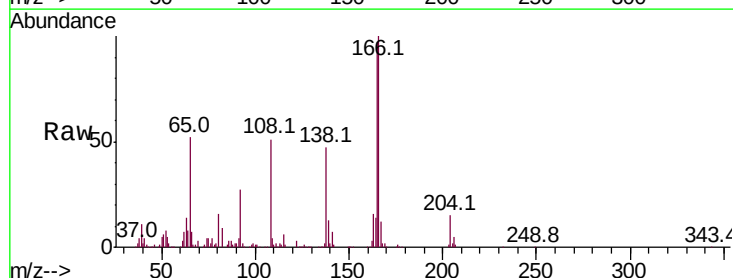
Tgt Ion:138 Resp: 121271

Ion Ratio Lower Upper

138 100

92 58.1 33.6 73.6

108 108.6 78.2 118.2

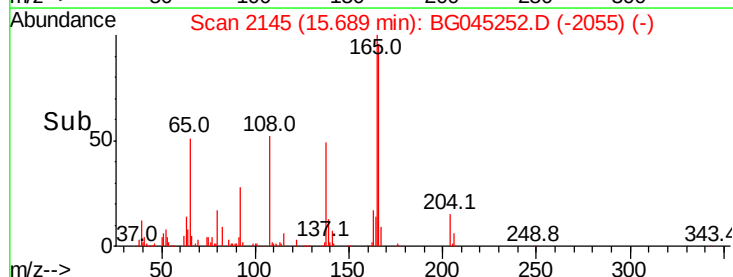
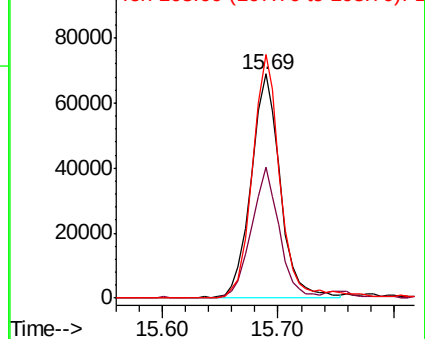


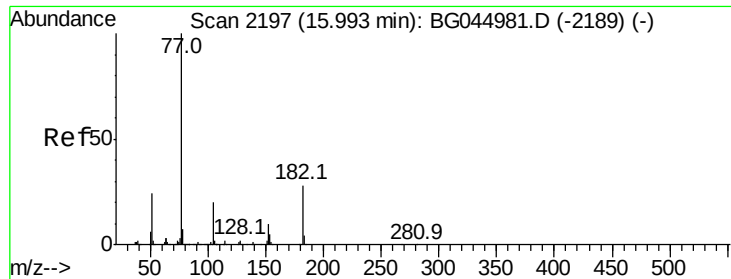
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

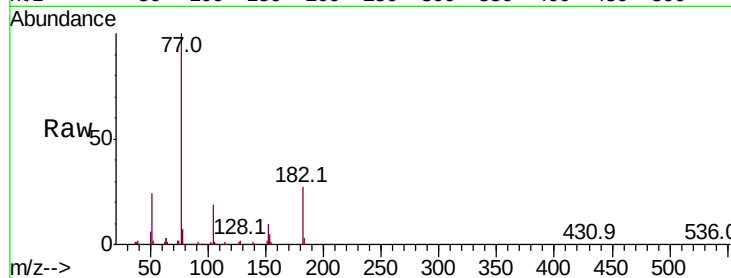




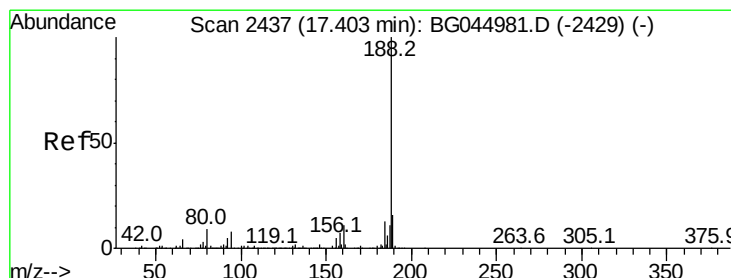
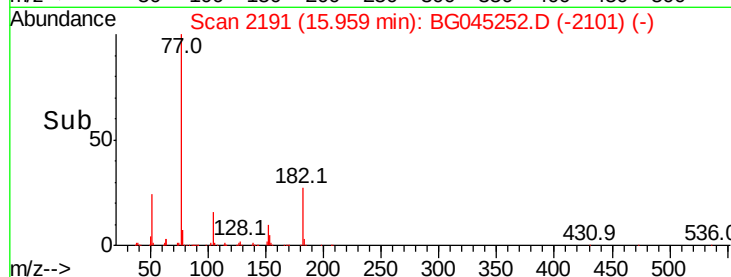
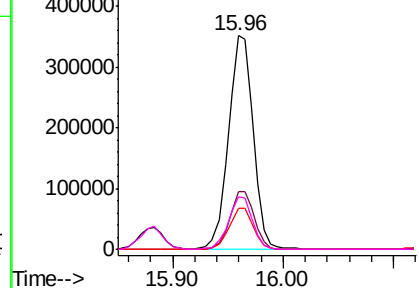
#63
Azobenzene
Concen: 36.911 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB128670BS

Tot Ion:	77	Resp:	547689
Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.4	48.4
105	19.5	0.5	40.5
51	24.4	4.4	44.4

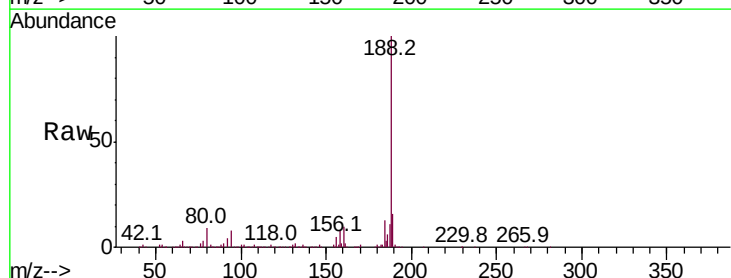


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

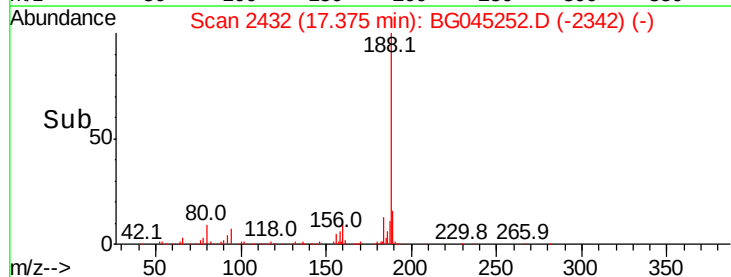
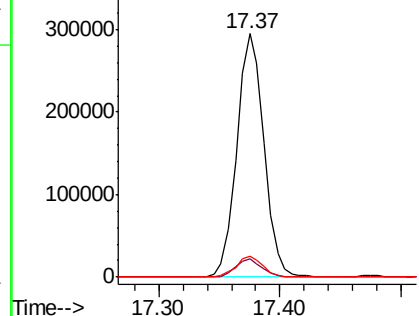


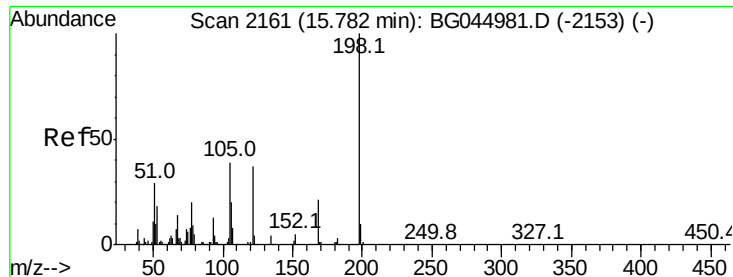
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion:	188	Resp:	461661
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.4
80	8.7	7.0	10.6



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

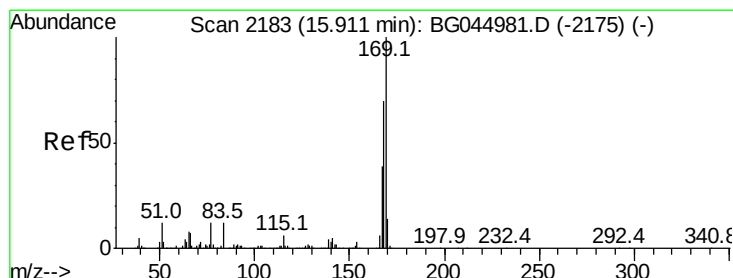
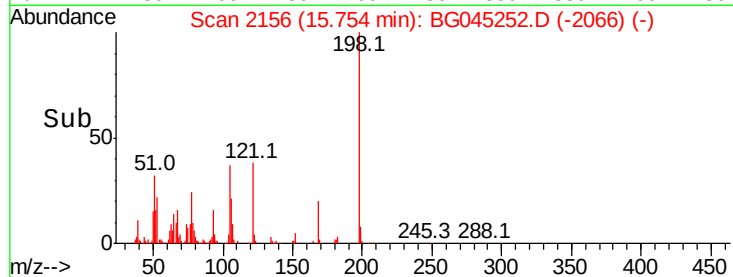
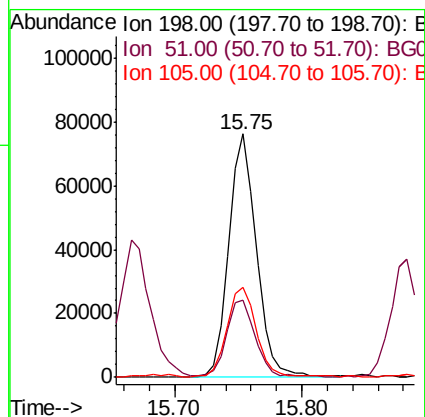
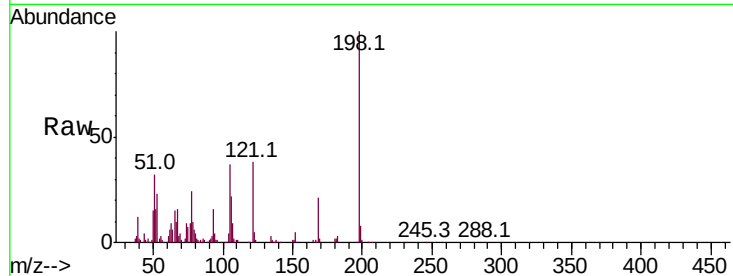




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.843 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

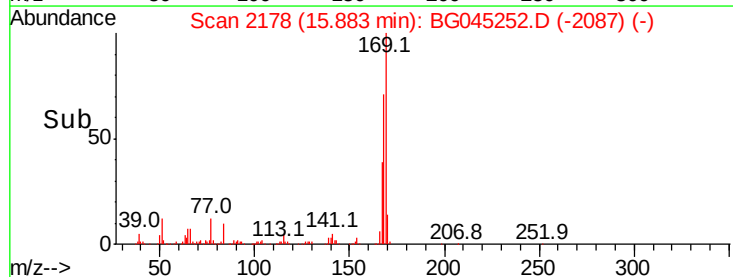
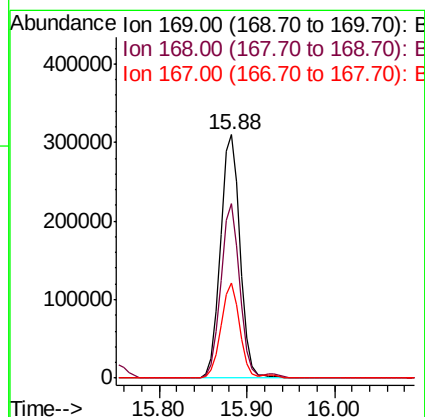
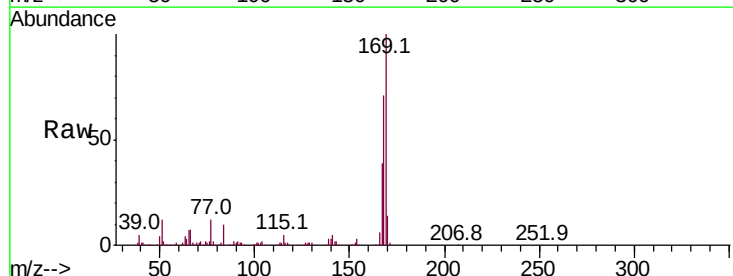
Instrument :
 BNA_G
 ClientSampleId :
 PB128670BS

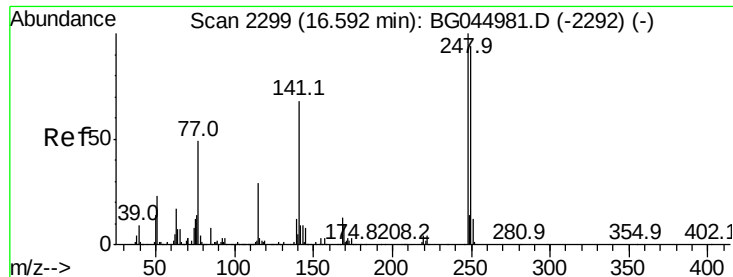
Tot Ion:198 Resp: 114836
 Ion Ratio Lower Upper
 198 100
 51 31.9 10.0 50.0
 105 36.8 18.9 58.9



#66
 n-Nitrosodiphenylamine
 Concen: 36.243 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG045252.D
 Acq: 6 May 2020 14:19

Tgt Ion:169 Resp: 480740
 Ion Ratio Lower Upper
 169 100
 168 71.5 55.8 83.8
 167 39.0 30.8 46.2

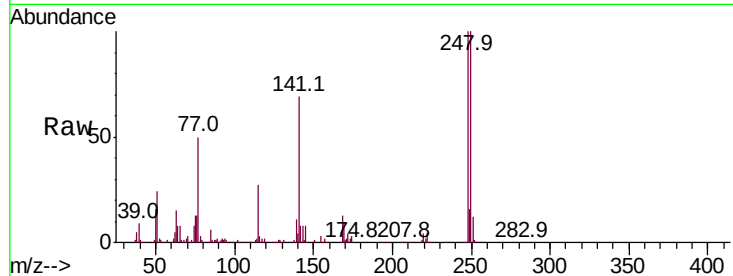




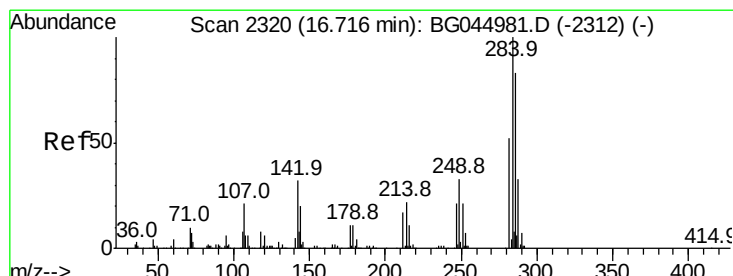
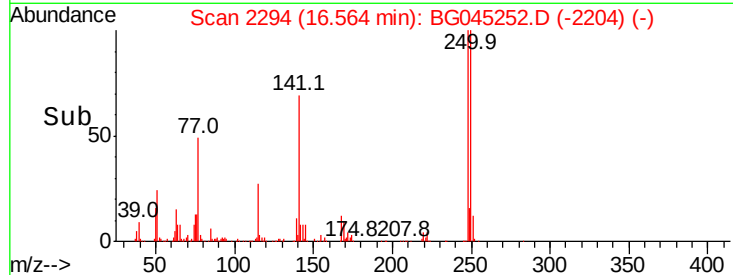
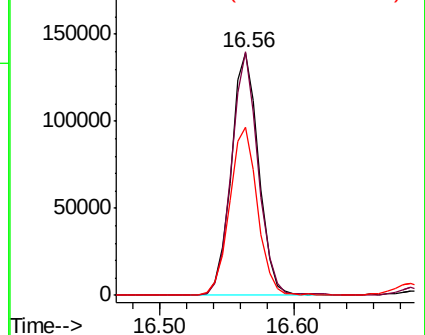
#67
4-Bromophenyl-phenylether
Concen: 33.652 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Instrument :
BNA_G
ClientSampleId :
PB128670BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	75.4	113.2
141	69.2	54.4	81.6

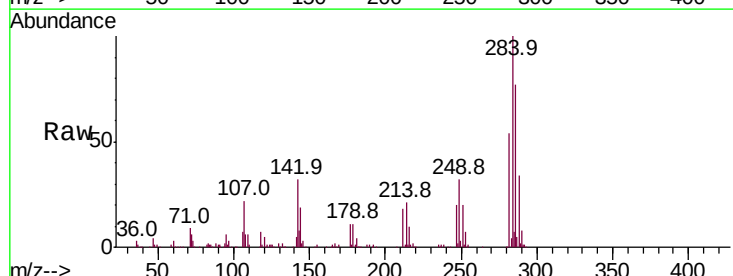


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

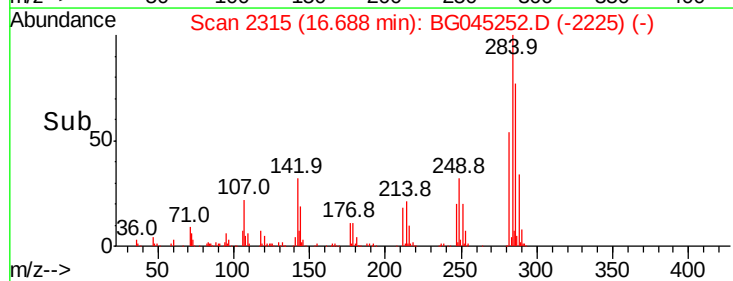
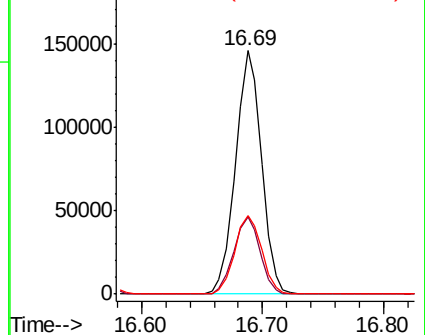


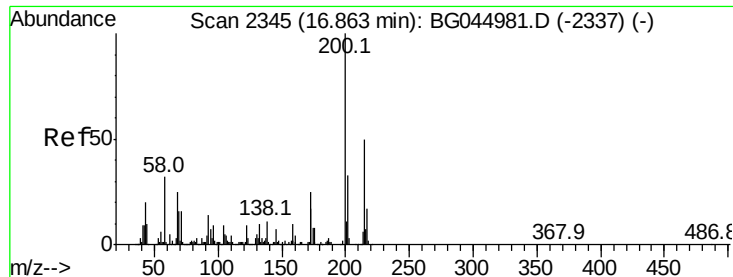
#68
Hexachlorobenzene
Concen: 35.312 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.8	38.6
249	32.4	26.6	39.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.452 ng

RT: 16.83 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

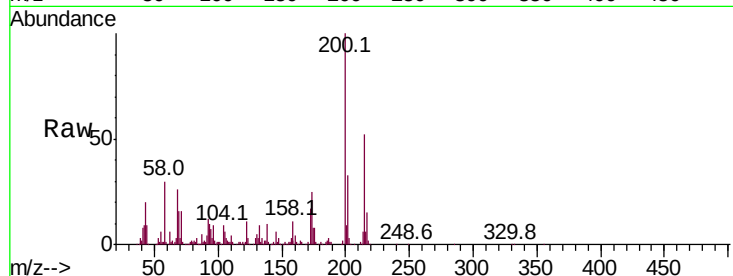
Tot Ion:200 Resp: 185069

Ion Ratio Lower Upper

200 100

173 24.6 4.5 44.5

215 51.6 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

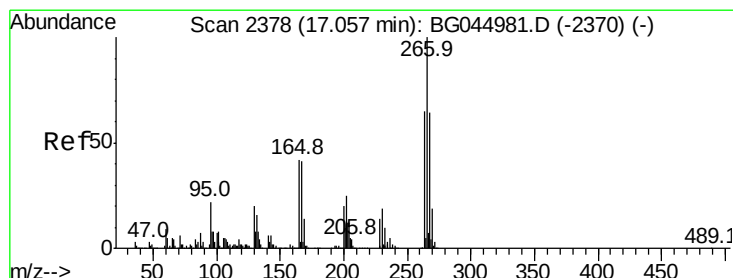
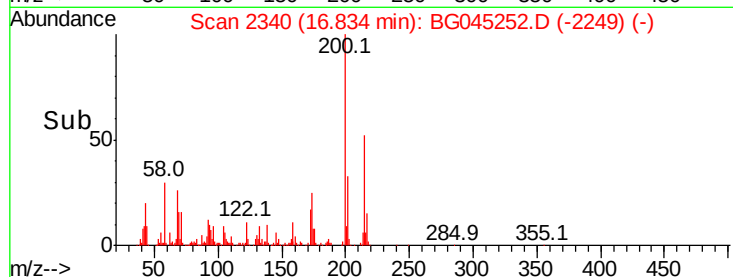
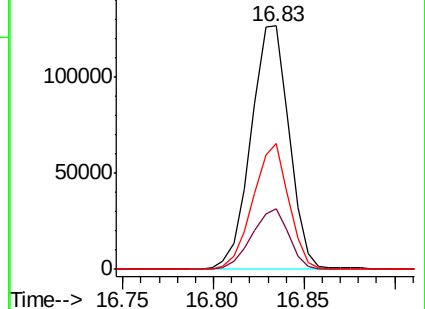
150000

100000

50000

0

16.75 16.80 16.85



#70

Pentachlorophenol

Concen: 68.954 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

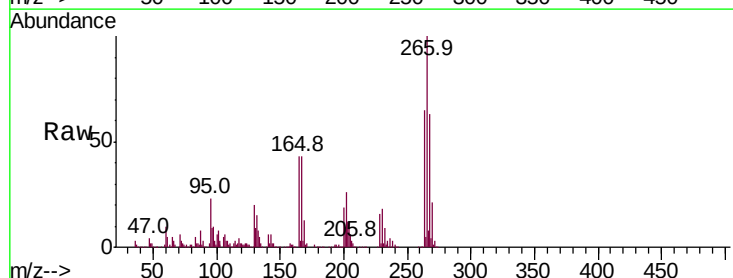
Tgt Ion:266 Resp: 261285

Ion Ratio Lower Upper

266 100

268 63.4 51.5 77.3

264 64.6 52.2 78.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

200000

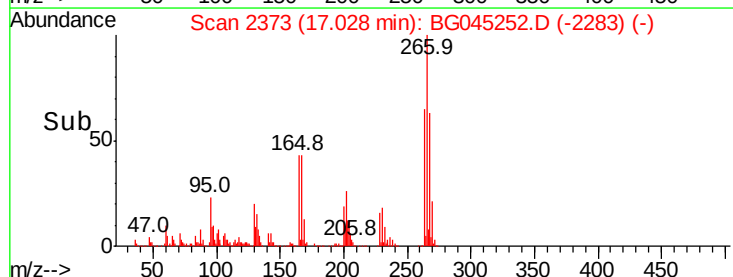
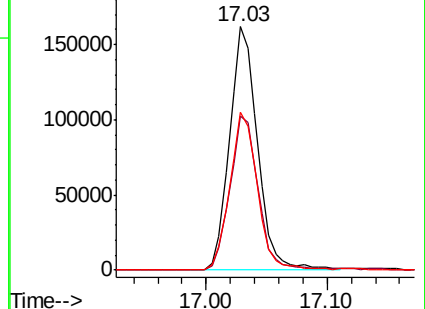
150000

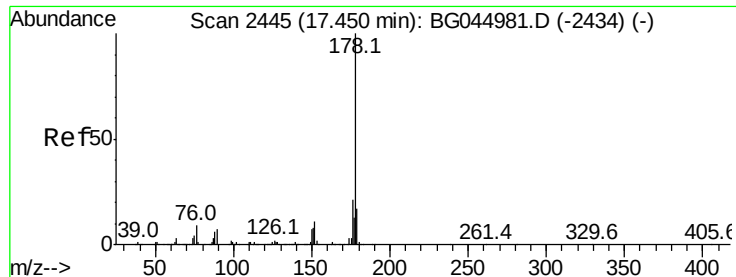
100000

50000

0

17.00 17.10

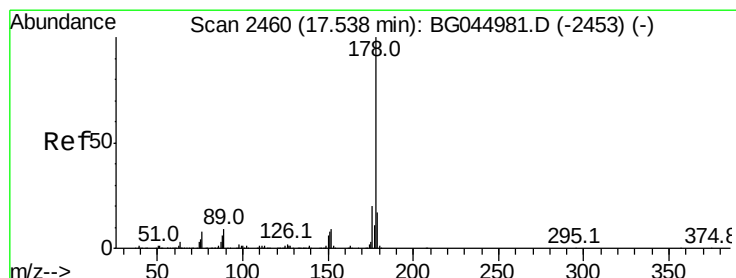
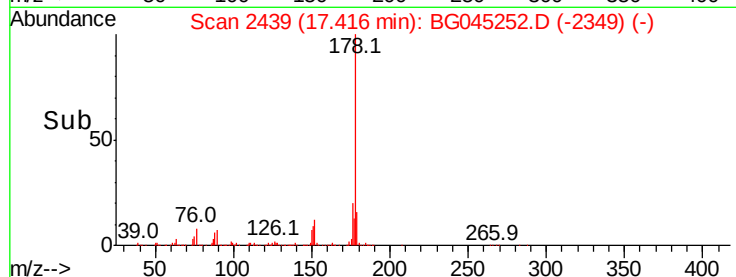
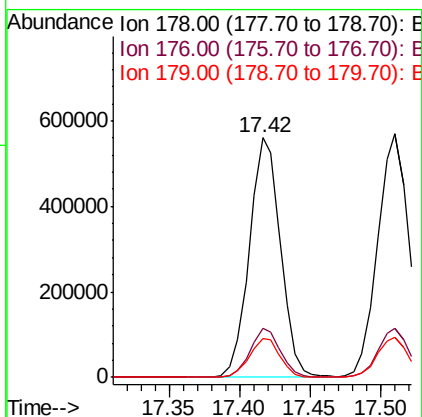
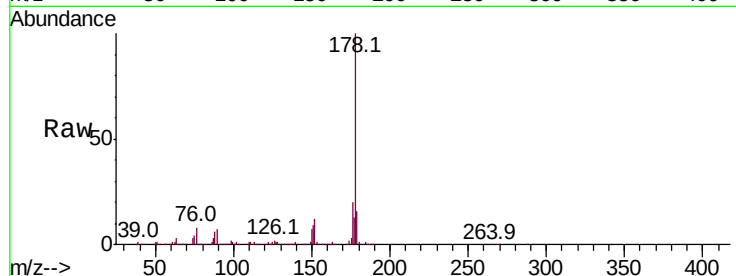




#71
Phenanthrene
Concen: 36.576 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

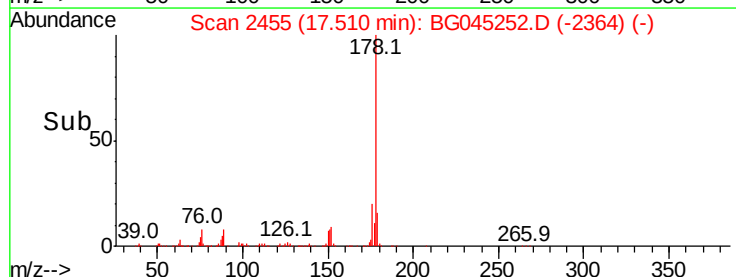
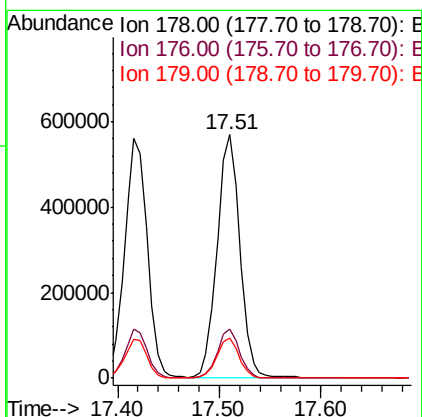
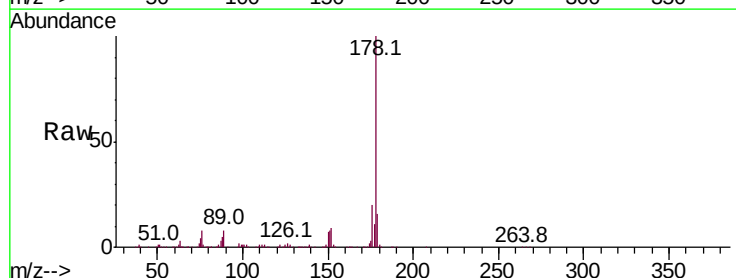
Instrument :
BNA_G
ClientSampleId :
PB128670BS

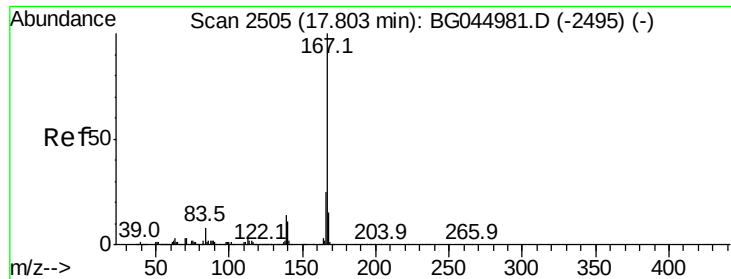
Tot Ion:178 Resp: 867709
Ion Ratio Lower Upper
178 100
176 20.4 16.8 25.2
179 16.2 13.2 19.8



#72
Anthracene
Concen: 37.418 ng
RT: 17.51 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG045252.D
Acq: 6 May 2020 14:19

Tgt Ion:178 Resp: 890440
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.3 13.6 20.4





#73

Carbazole

Concen: 34.254 ng

RT: 17.77 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

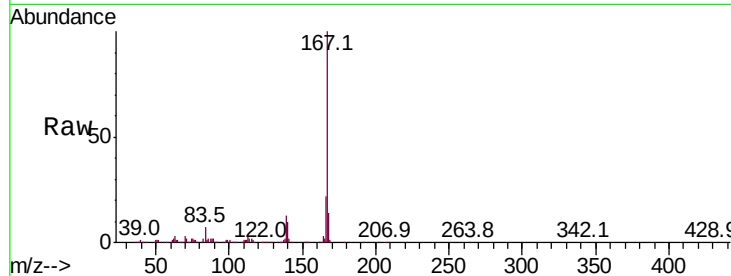
BNA_G

ClientSampleId :

PB128670BS

Tot Ion:167 Resp: 827220

Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.8	29.6
139	13.2	10.9	16.3

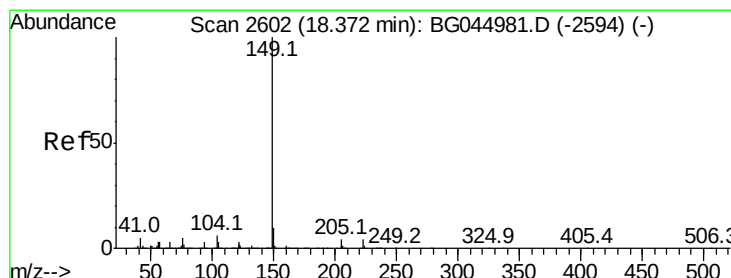
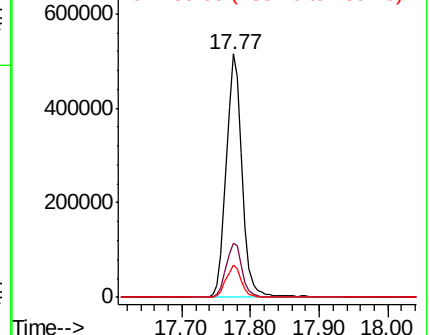
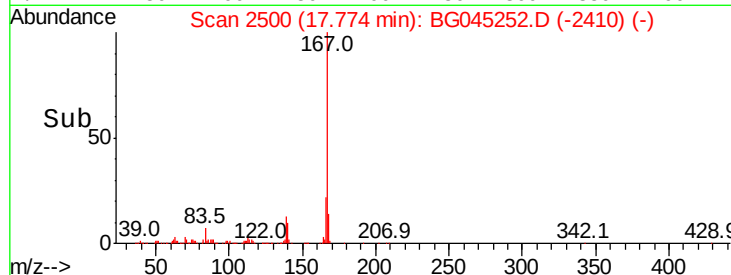


Abundance

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: 36.657 ng

RT: 18.34 min Scan# 2596

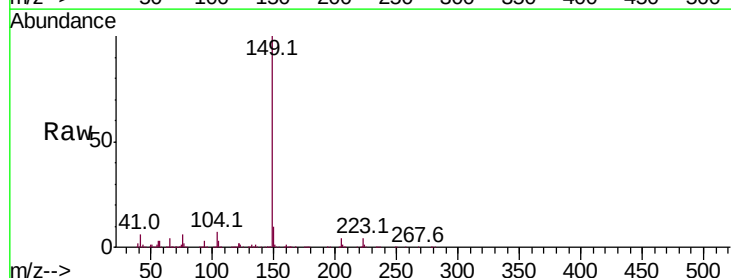
Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Tgt Ion:149 Resp: 993215

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.7	4.8	7.2

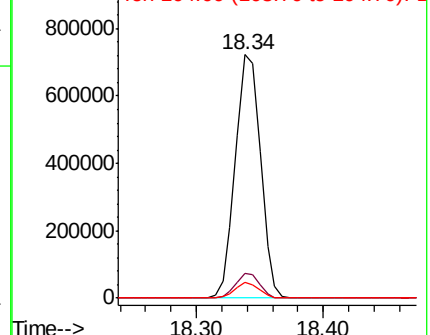
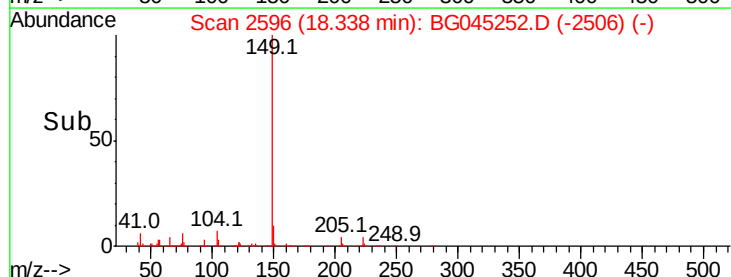


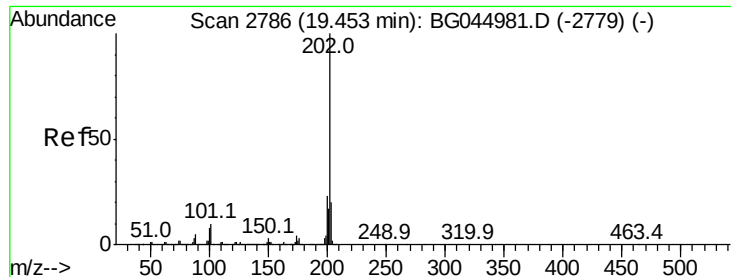
Abundance

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: 36.817 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

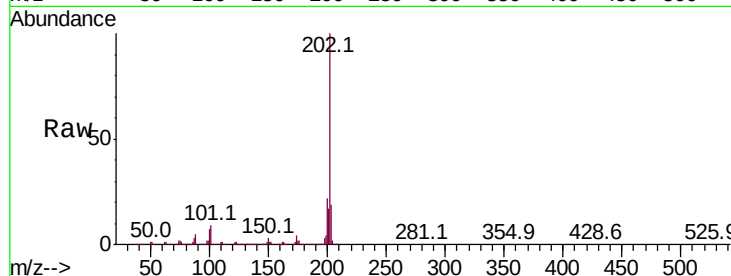
Tot Ion:202 Resp: 1057903

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.6
203	18.8	0.0	39.7

202 100

101 9.0 0.0 29.6

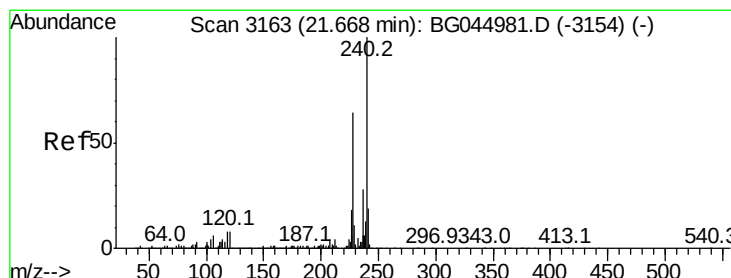
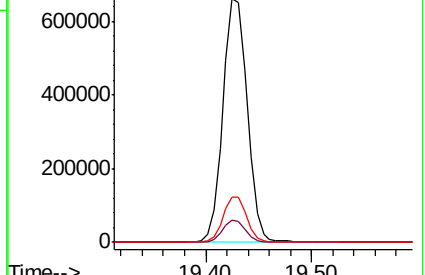
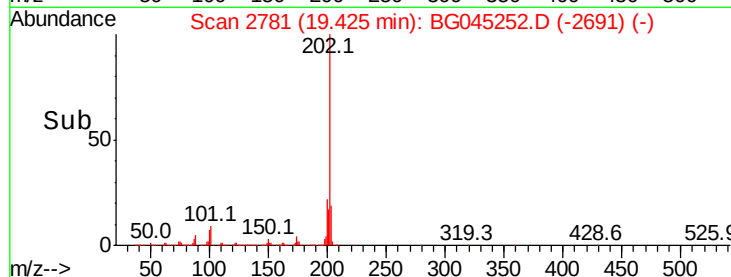
203 18.8 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

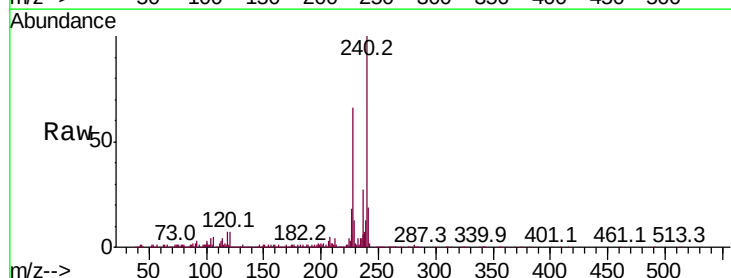
Tgt Ion:240 Resp: 393704

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	26.8	22.2	33.2

240 100

120 7.0 6.6 10.0

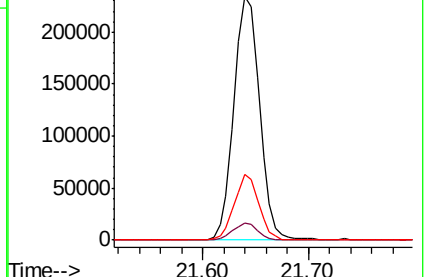
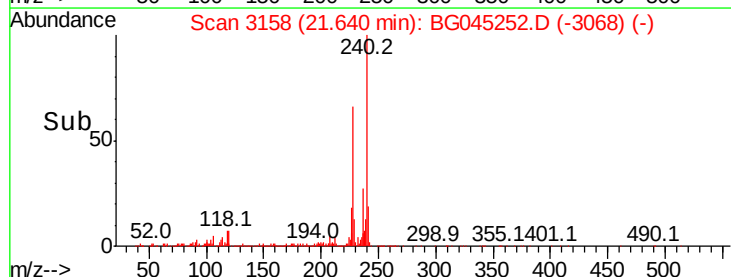
236 26.8 22.2 33.2

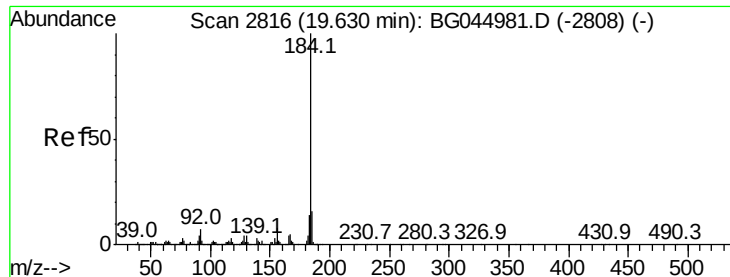


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.095 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

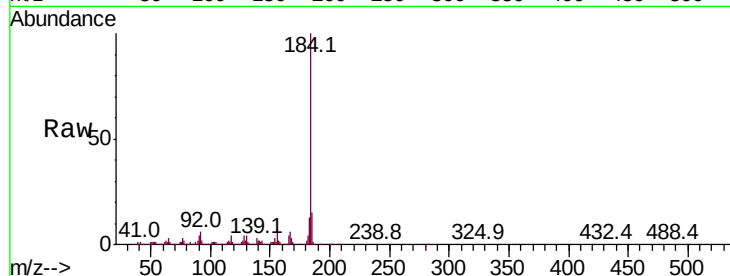
Tot Ion:184 Resp: 494301

Ion Ratio Lower Upper

184 100

185 15.0 12.6 19.0

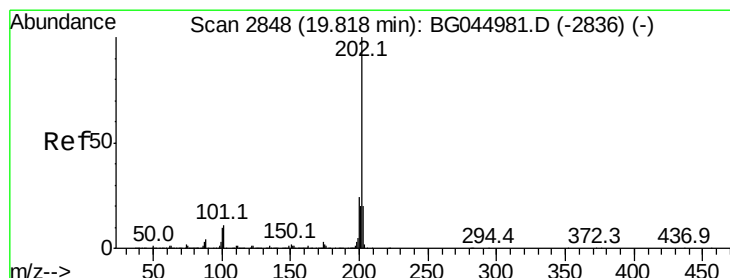
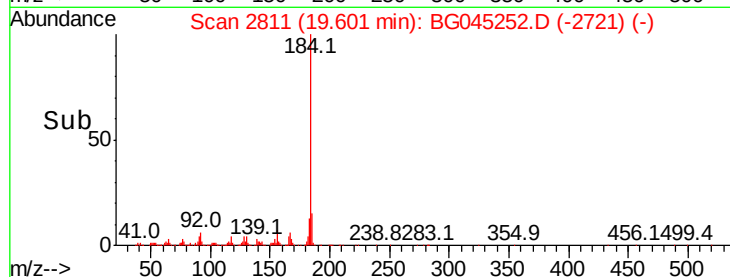
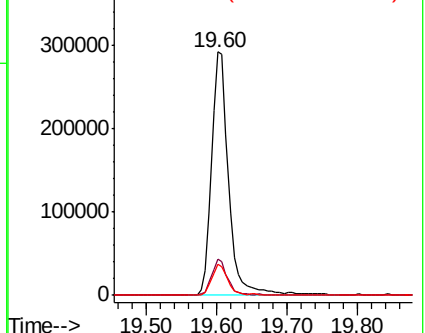
183 12.9 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.615 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

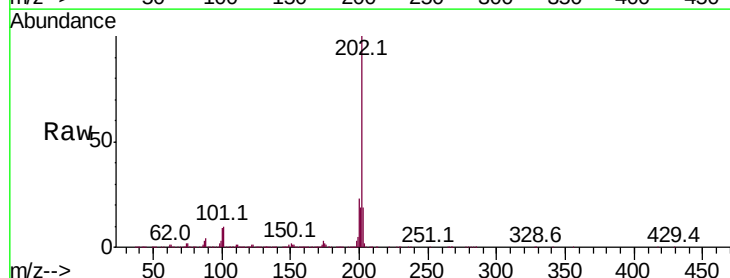
Tgt Ion:202 Resp: 1048106

Ion Ratio Lower Upper

202 100

200 22.5 19.0 28.6

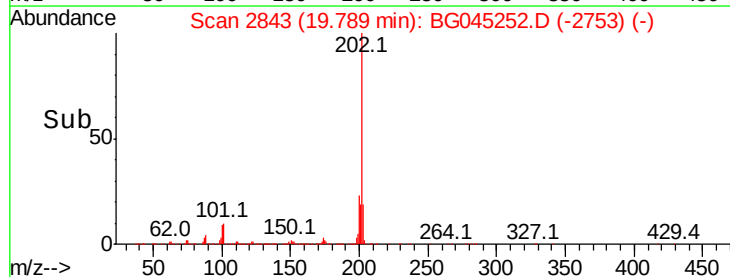
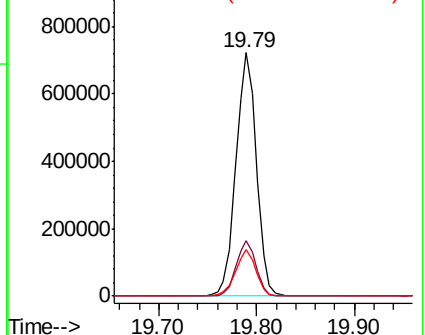
203 18.9 16.1 24.1

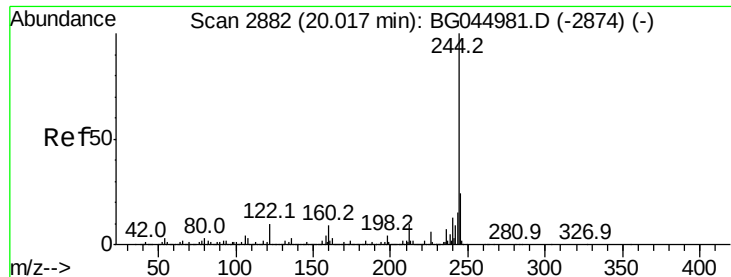


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.823 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

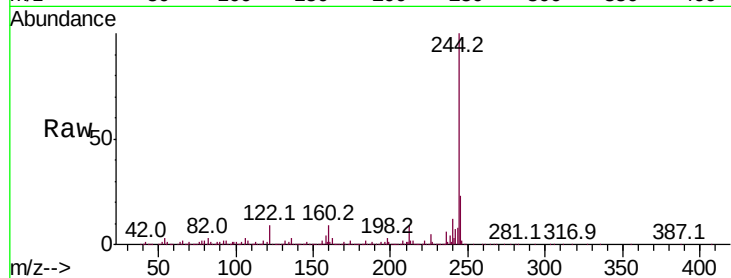
Tot Ion:244 Resp: 1586377

Ion Ratio Lower Upper

244 100

212 9.4 7.9 11.9

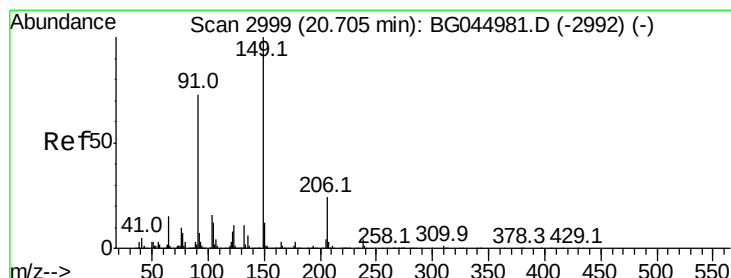
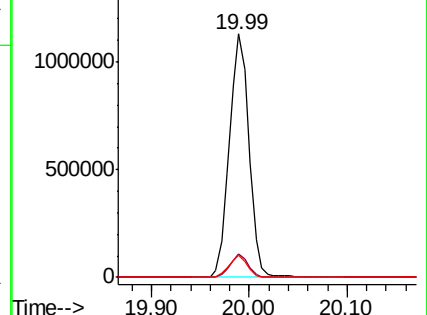
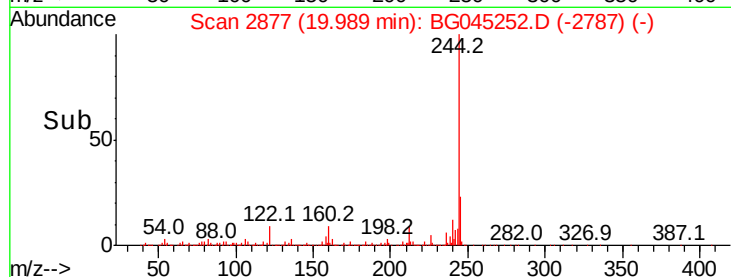
122 8.9 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.438 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

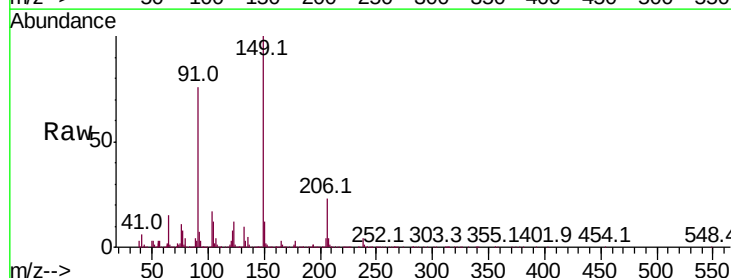
Tgt Ion:149 Resp: 409956

Ion Ratio Lower Upper

149 100

91 76.1 58.5 87.7

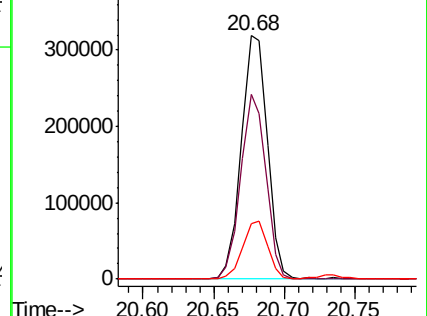
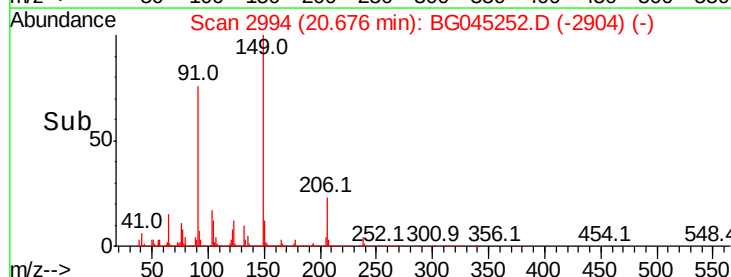
206 22.7 19.2 28.8

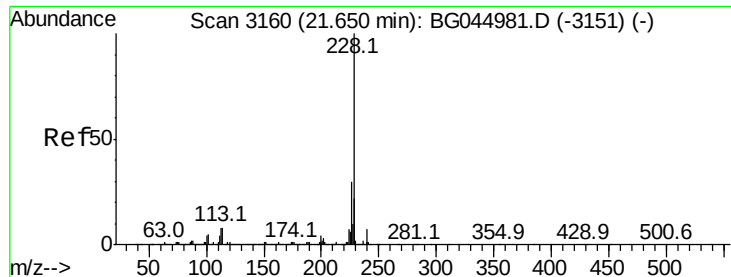


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.014 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

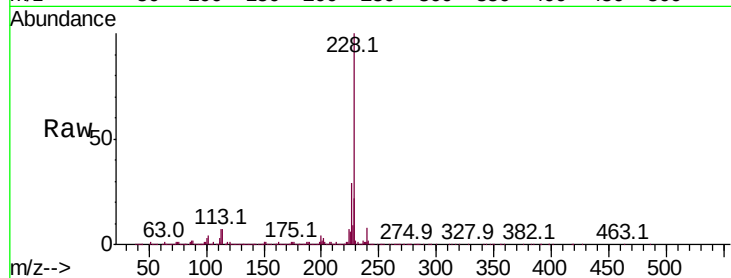
BNA_G

ClientSampleId :

PB128670BS

Tot Ion:228 Resp: 944516

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	21.7	17.5	26.3

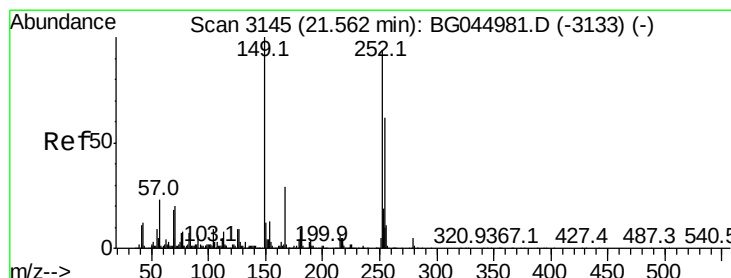
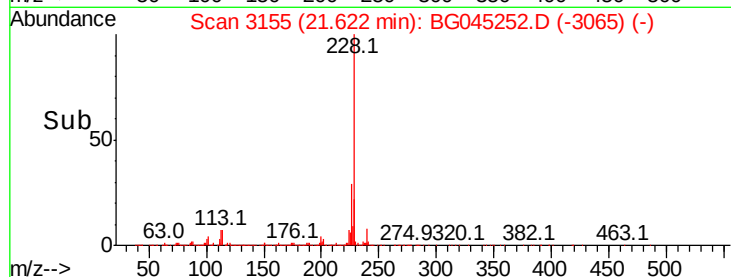
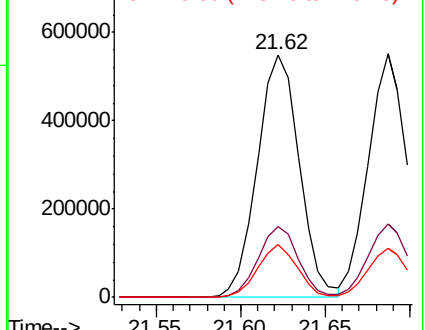


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.635 ng

RT: 21.53 min Scan# 3140

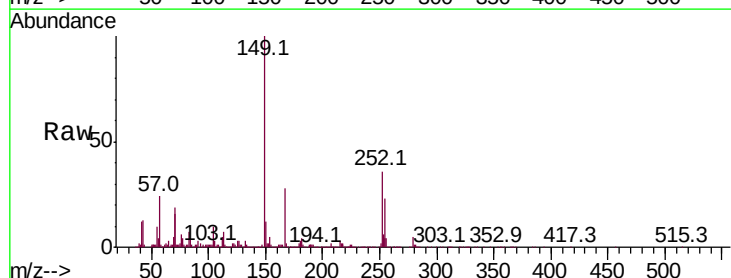
Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Tgt Ion:252 Resp: 209584

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	79.0
126	8.6	7.5	11.3

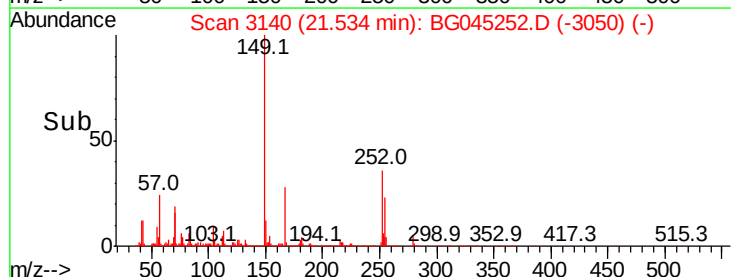
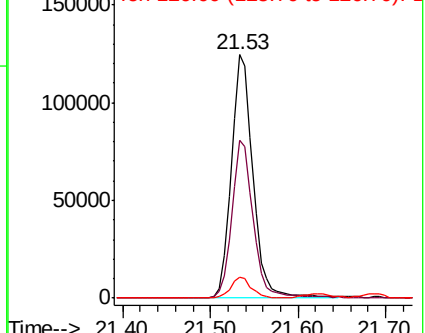


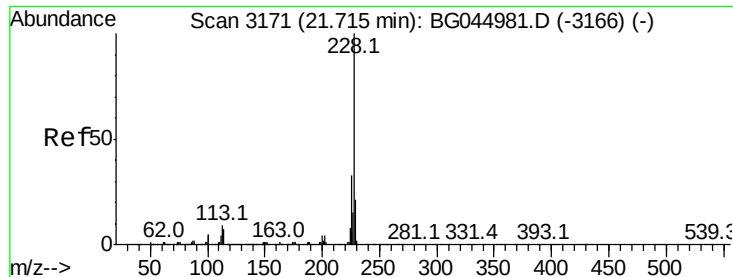
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.875 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

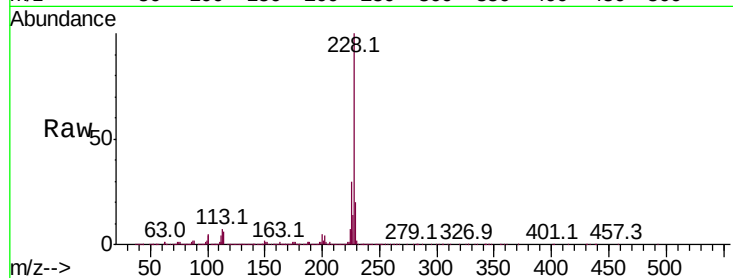
Tot Ion:228 Resp: 904103

Ion Ratio Lower Upper

228 100

226 30.1 26.2 39.4

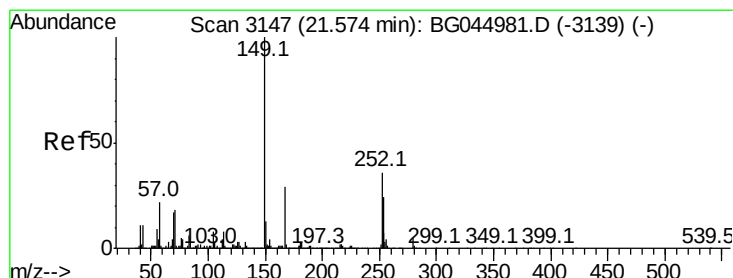
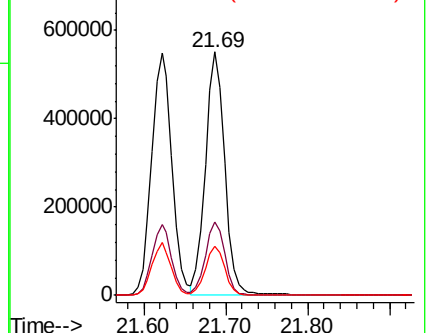
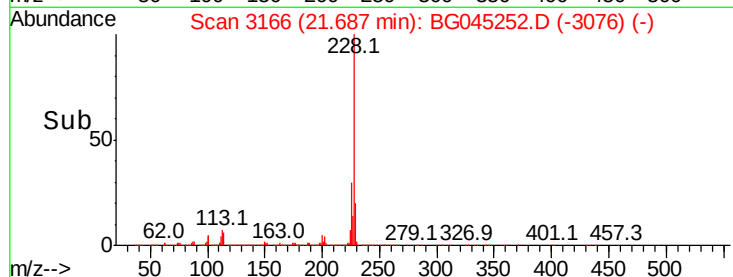
229 20.4 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.313 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

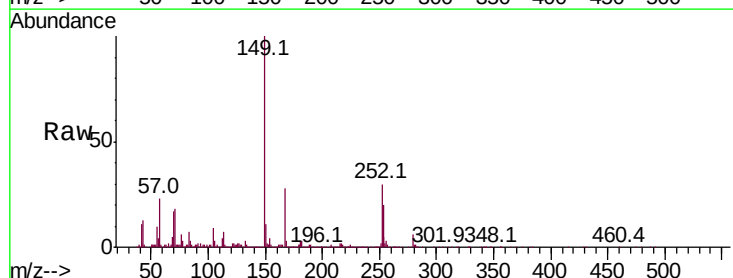
Tgt Ion:149 Resp: 561895

Ion Ratio Lower Upper

149 100

167 27.8 23.4 35.0

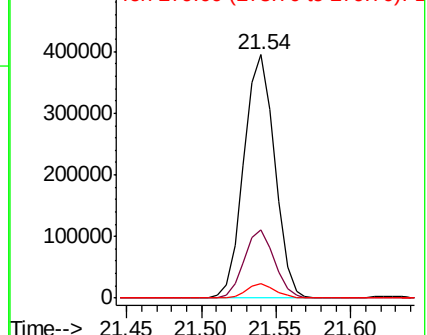
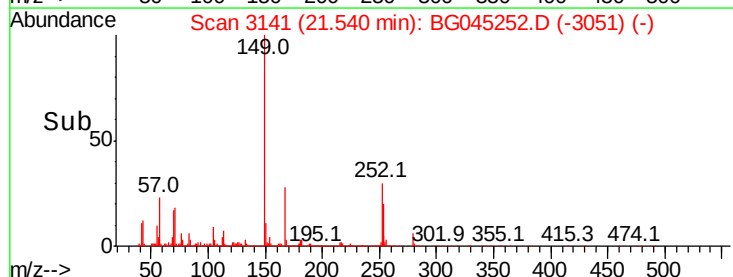
279 5.8 4.3 6.5

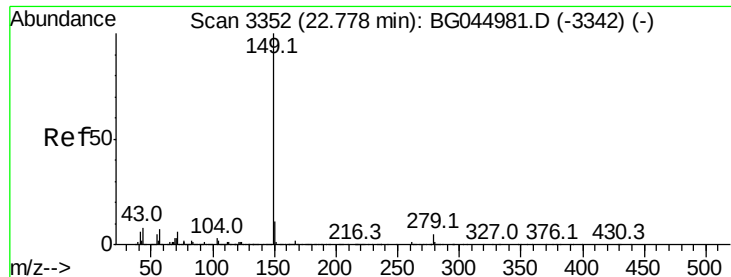


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.491 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

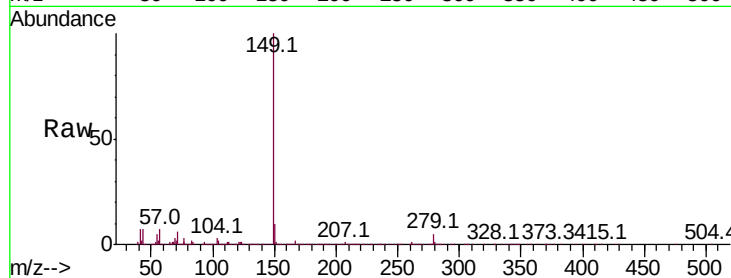
Tot Ion:149 Resp: 949666

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

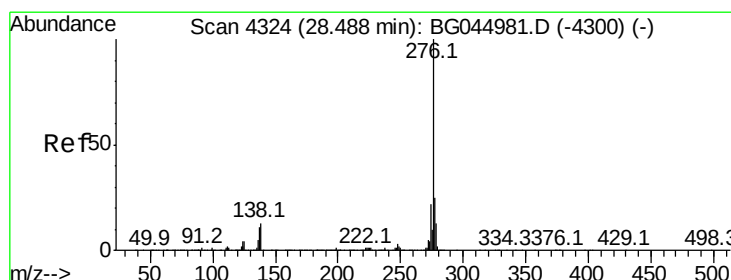
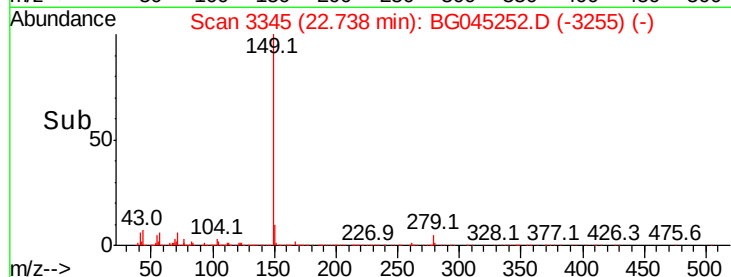
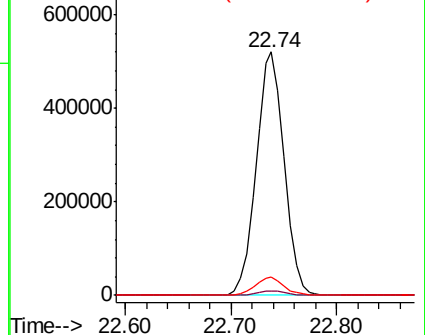
43 7.4 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.152 ng

RT: 28.42 min Scan# 4313

Delta R.T. 0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

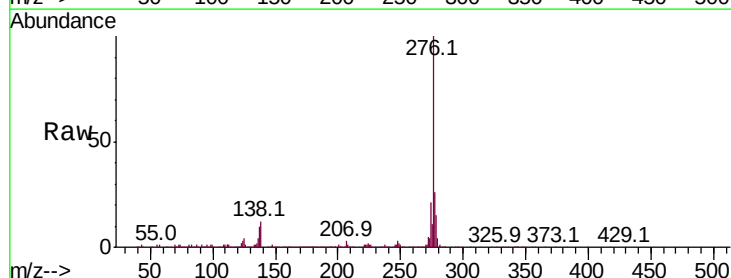
Tgt Ion:276 Resp: 1144257

Ion Ratio Lower Upper

276 100

138 15.4 9.6 14.4#

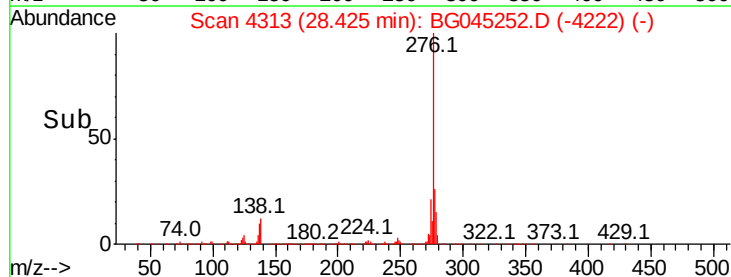
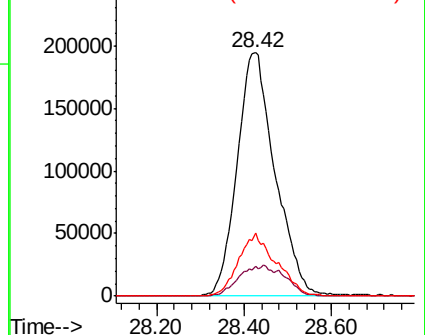
277 25.6 20.6 31.0

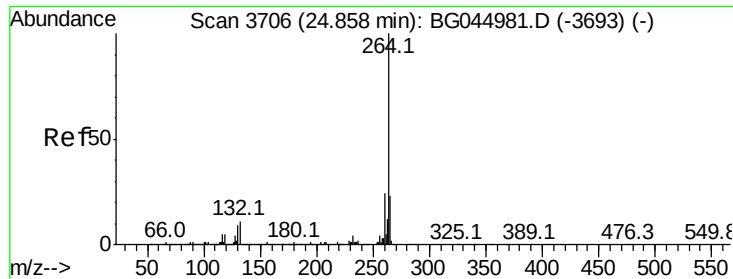


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

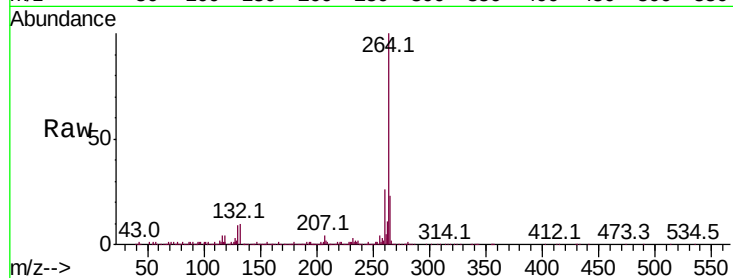
Tot Ion:264 Resp: 421510

Ion Ratio Lower Upper

264 100

260 26.1 19.2 28.8

265 23.2 19.0 28.4

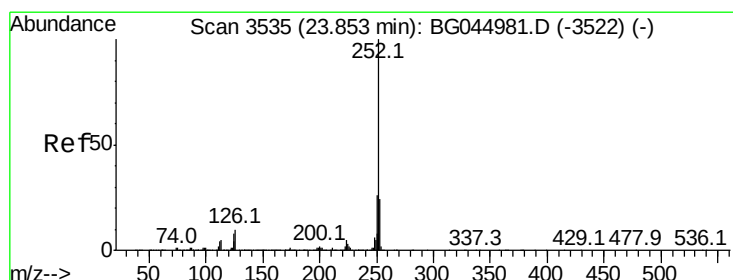
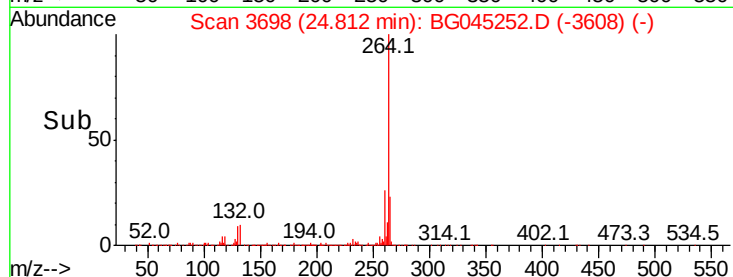
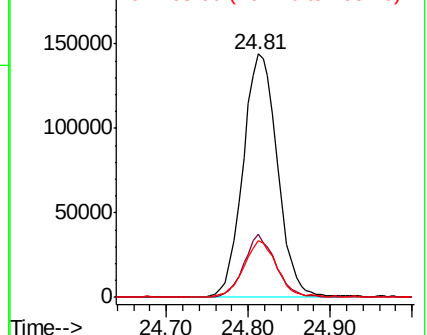


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.010 ng

RT: 23.81 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

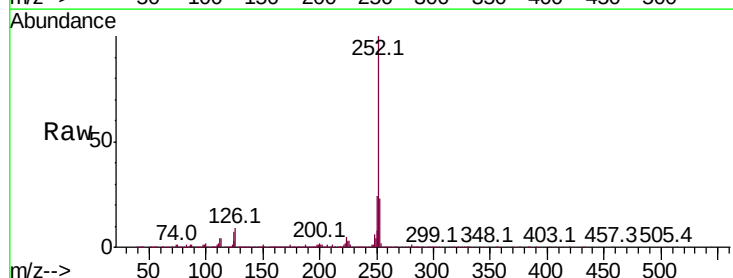
Tgt Ion:252 Resp: 950785

Ion Ratio Lower Upper

252 100

253 22.5 18.8 28.2

125 7.0 6.2 9.4

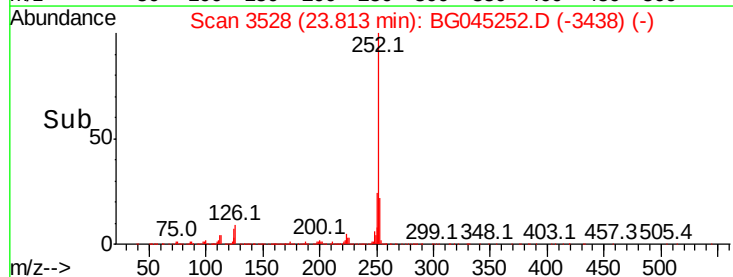
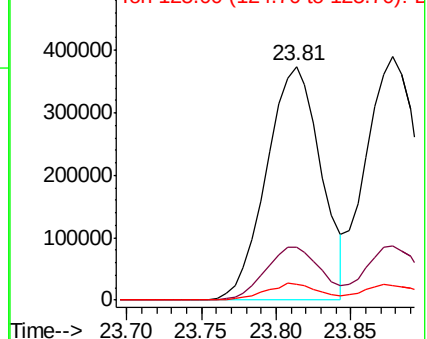


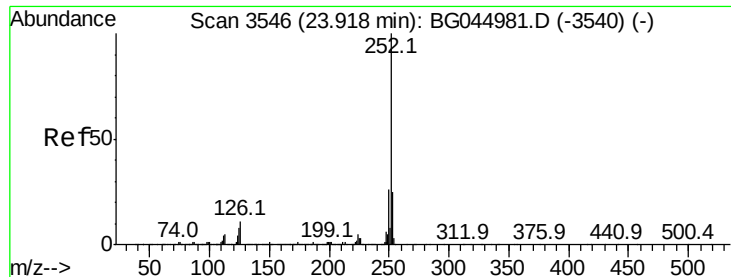
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.473 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

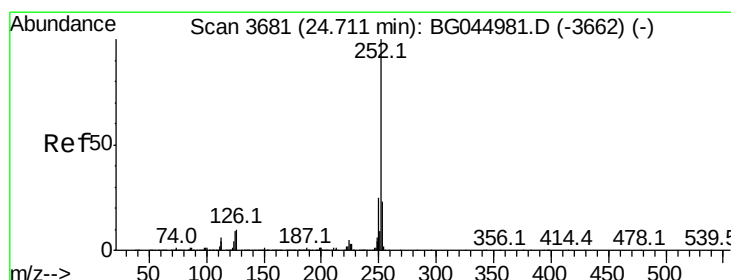
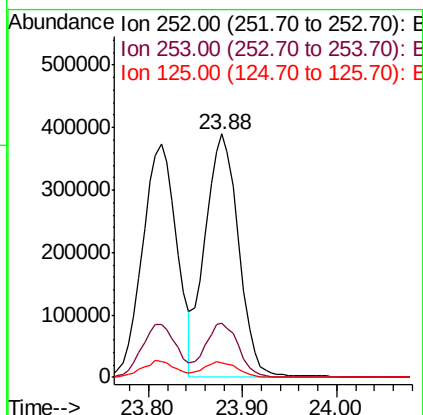
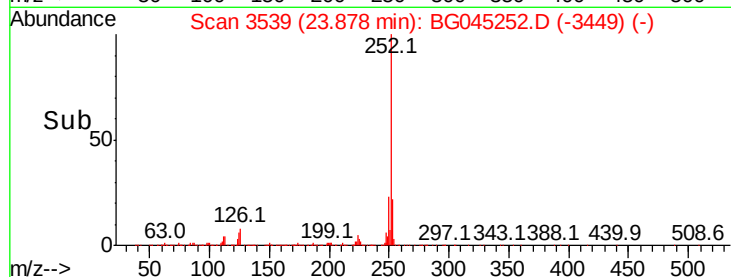
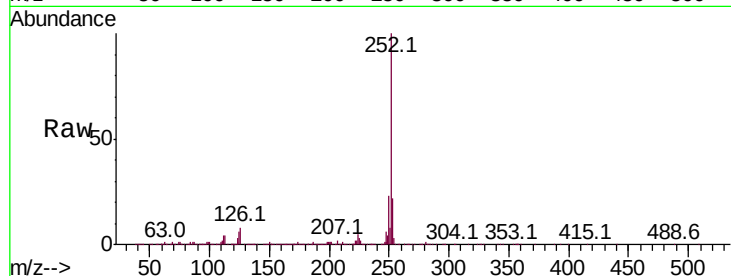
Tot Ion:252 Resp: 966041

Ion Ratio Lower Upper

252 100

253 22.4 19.2 28.8

125 6.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 36.087 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

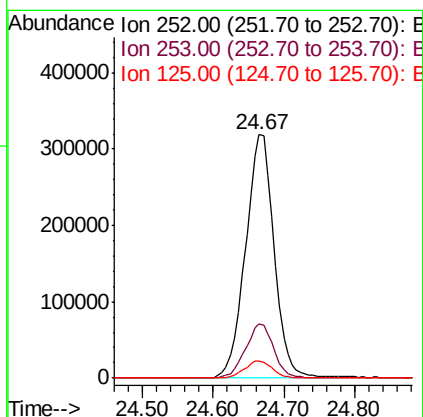
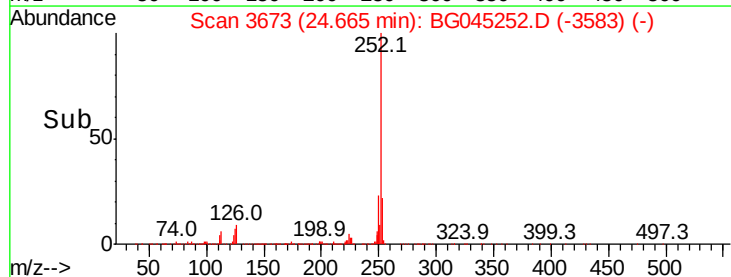
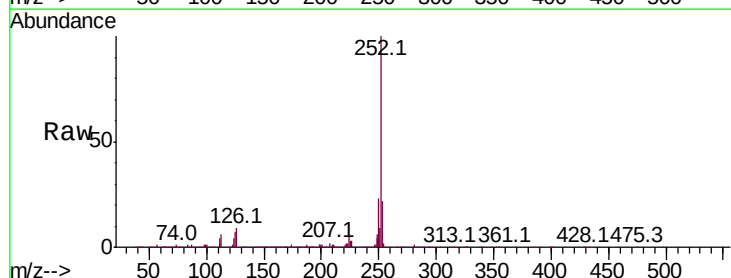
Tgt Ion:252 Resp: 899613

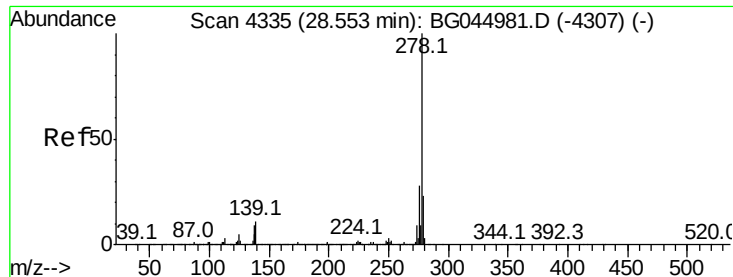
Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

125 7.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 37.804 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.01 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

Instrument :

BNA_G

ClientSampleId :

PB128670BS

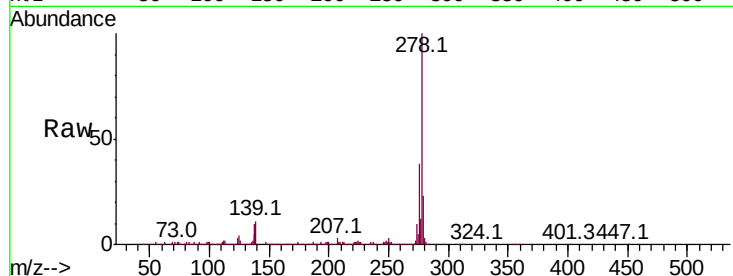
Tot Ion:278 Resp: 949610

Ion Ratio Lower Upper

278 100

139 10.7 9.0 13.6

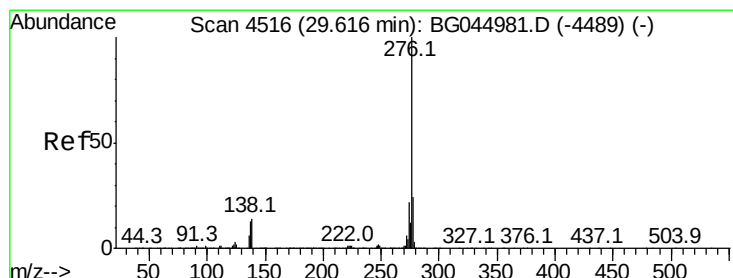
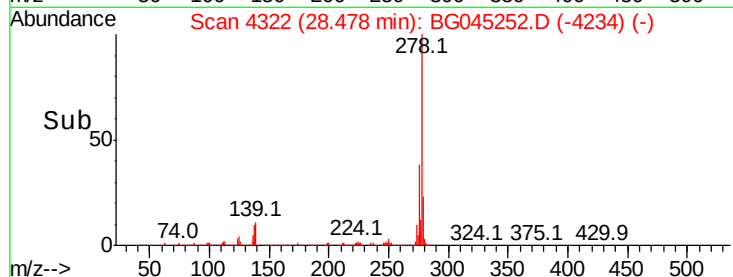
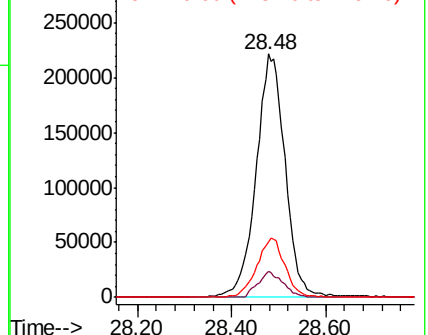
279 22.8 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.889 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.01 min

Lab File: BG045252.D

Acq: 6 May 2020 14:19

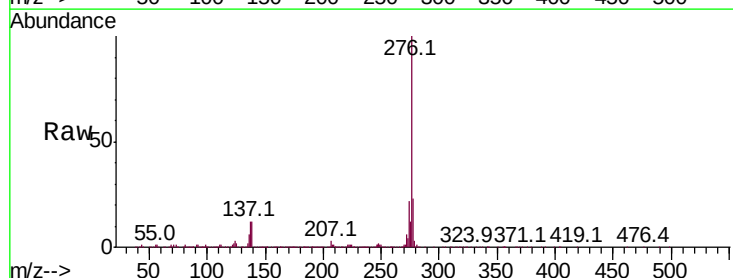
Tgt Ion:276 Resp: 954183

Ion Ratio Lower Upper

276 100

277 23.1 19.3 28.9

138 11.8 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

