

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051120\
 Data File : BG045297.D
 Acq On : 11 May 2020 15:24
 Operator : CG/JU
 Sample : L2495-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

Quant Time: May 11 16:03:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	64701	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	254373	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	184939	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	460364	20.00	ng	0.00
76) Chrysene-d12	21.63	240	448258	20.00	ng	0.00
87) Perylene-d12	24.80	264	498246	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	422664	107.85	ng	0.00
7) Phenol-d6	7.15	99	528305	90.73	ng	0.00
23) Nitrobenzene-d5	9.13	82	432449	77.57	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	334552	117.10	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	980746	77.76	ng	0.00
79) Terphenyl-d14	19.98	244	1793497	87.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	60885	34.958	ng	# 21
3) Pyridine	3.85	79	116742	21.770	ng	98
4) n-Nitrosodimethylamine	3.75	42	60667	36.930	ng	91
6) Aniline	7.30	93	188405	24.886	ng	98
8) 2-Chlorophenol	7.54	128	167244	39.708	ng	96
9) Benzaldehyde	7.11	77	93234	24.888	ng	98
10) Phenol	7.17	94	184695	31.698	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	159600	34.403	ng	97
12) 1,3-Dichlorobenzene	7.86	146	182712	36.814	ng	97
13) 1,4-Dichlorobenzene	8.01	146	182022	36.806	ng	98
14) 1,2-Dichlorobenzene	8.33	146	173374	36.644	ng	94
15) Benzyl Alcohol	8.21	79	174820	35.810	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	144941	31.828	ng	96
17) 2-Methylphenol	8.42	107	149615	33.281	ng	94
18) Hexachloroethane	9.06	117	69819	37.554	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	144628	35.122	ng	93
20) 3+4-Methylphenols	8.75	107	202325	32.154	ng	99
22) Acetophenone	8.80	105	267338	38.863	ng	99
24) Nitrobenzene	9.18	77	217186	38.007	ng	97
25) Isophorone	9.70	82	415263	36.374	ng	99
26) 2-Nitrophenol	9.90	139	96421	39.172	ng	98
27) 2,4-Dimethylphenol	9.96	122	160046	40.978	ng	95
28) bis(2-Chloroethoxy)methane	10.18	93	220790	36.808	ng	98
29) 2,4-Dichlorophenol	10.44	162	174717	38.742	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	189787	37.169	ng	97
31) Naphthalene	10.84	128	515406	37.039	ng	99
32) Benzoic acid	10.09	122	70652	25.793	ng	93
33) 4-Chloroaniline	10.94	127	60032	9.250	ng	98
34) Hexachlorobutadiene	11.13	225	128785	36.787	ng	96
35) Caprolactam	11.70	113	20916	11.653	ng	89
36) 4-Chloro-3-methylphenol	12.07	107	204655	38.630	ng	97
37) 2-Methylnaphthalene	12.44	142	394128	36.490	ng	97
38) 1-Methylnaphthalene	12.66	142	379294	37.198	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	224807	37.754	ng	98

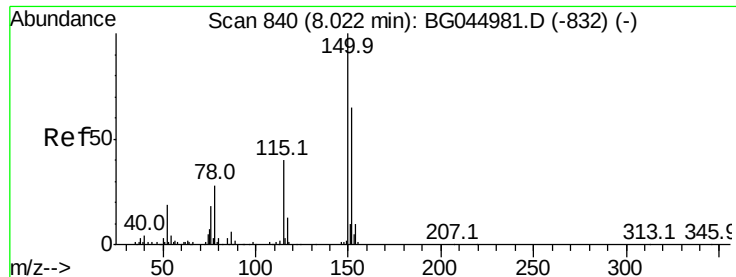
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051120\
 Data File : BG045297.D
 Acq On : 11 May 2020 15:24
 Operator : CG/JU
 Sample : L2495-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	268435	72.127	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	159058	37.848	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	175173	36.620	ng	96
46) 1,1'-Biphenyl	13.46	154	519235	36.939	ng	97
47) 2-Chloronaphthalene	13.49	162	393868	36.671	ng	98
48) 2-Nitroaniline	13.69	65	134132	37.956	ng	97
49) Acenaphthylene	14.34	152	673389	38.490	ng	99
50) Dimethylphthalate	14.07	163	740555	49.178	ng	98
51) 2,6-Dinitrotoluene	14.19	165	128434	38.132	ng	97
52) Acenaphthene	14.68	154	411688	34.779	ng	98
53) 3-Nitroaniline	14.52	138	69467	18.805	ng	93
54) 2,4-Dinitrophenol	14.73	184	164144	81.957	ng	93
55) Dibenzofuran	15.02	168	653731	37.881	ng	98
56) 4-Nitrophenol	14.84	139	182408	63.684	ng	92
57) 2,4-Dinitrotoluene	14.98	165	187421	38.076	ng	# 97
58) Fluorene	15.67	166	547545	38.843	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	172400	40.504	ng	98
60) Diethylphthalate	15.44	149	590354	37.602	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	299640	36.930	ng	100
62) 4-Nitroaniline	15.68	138	132365	34.546	ng	89
63) Azobenzene	15.95	77	558518	38.585	ng	97
65) 4,6-Dinitro-2-methylphenol	15.75	198	119799	39.590	ng	97
66) n-Nitrosodiphenylamine	15.88	169	491185	37.135	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	203641	34.288	ng	95
68) Hexachlorobenzene	16.68	284	225019	36.532	ng	99
69) Atrazine	16.82	200	196328	40.183	ng	96
70) Pentachlorophenol	17.02	266	272281	72.058	ng	97
71) Phenanthrene	17.41	178	912449	38.570	ng	99
72) Anthracene	17.50	178	932144	39.281	ng	99
73) Carbazole	17.77	167	875404	36.352	ng	98
74) Di-n-butylphthalate	18.33	149	1041533	38.910	ng	99
75) Fluoranthene	19.42	202	1153453	40.923	ng	98
77) Benzidine	19.60	184	350386	24.240	ng	96
78) Pyrene	19.78	202	1147429	37.130	ng	98
80) Butylbenzylphthalate	20.67	149	480303	37.495	ng	99
81) Benzo(a)anthracene	21.62	228	1110257	38.214	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	174382	15.080	ng	99
83) Chrysene	21.68	228	1061695	38.033	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	669316	37.991	ng	99
85) Di-n-octyl phthalate	22.73	149	1145247	37.591	ng	100
86) Indeno(1,2,3-cd)pyrene	28.40	276	1417960	38.259	ng	# 95
88) Benzo(b)fluoranthene	23.80	252	1164776	37.321	ng	99
89) Benzo(k)fluoranthene	23.87	252	1164903	39.248	ng	99
90) Benzo(a)pyrene	24.65	252	1101210	37.371	ng	98
91) Dibenzo(a,h)anthracene	28.46	278	1153263	38.841	ng	97
92) Benzo(g,h,i)perylene	29.53	276	1174681	39.461	ng	97

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

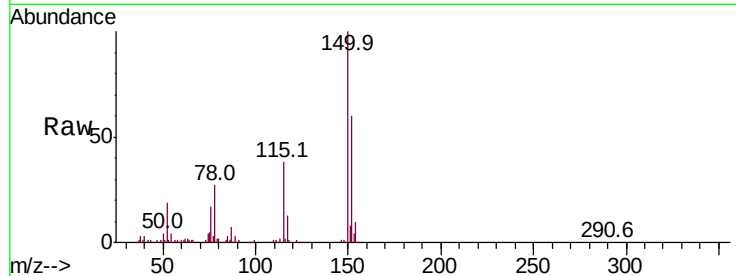


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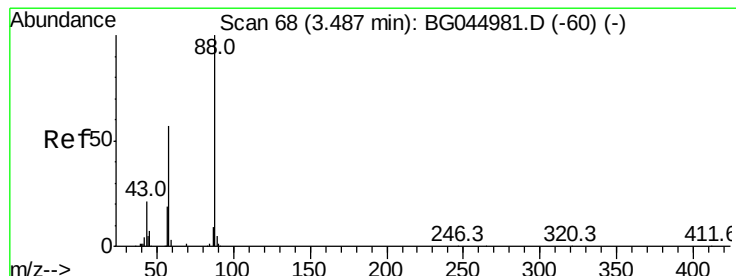
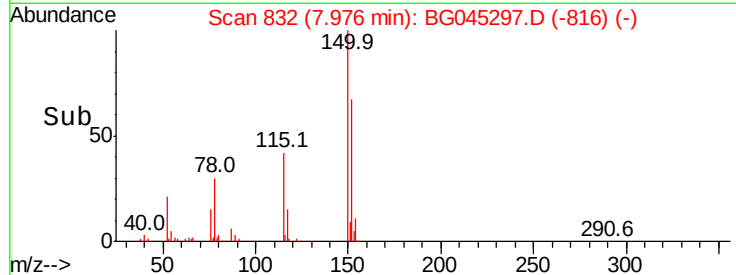
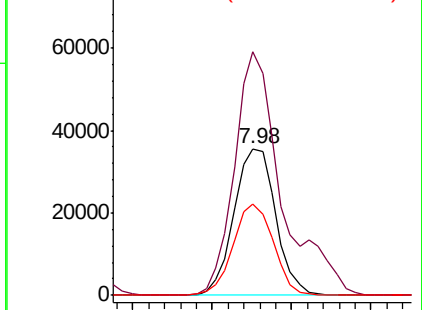
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tot Ion:152 Resp: 64701
Ion Ratio Lower Upper
152 100
150 165.7 123.6 185.4
115 62.4 49.1 73.7



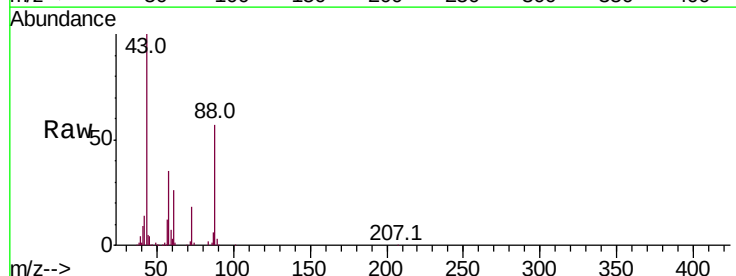
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



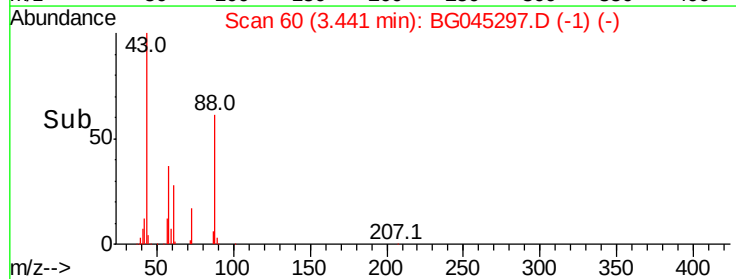
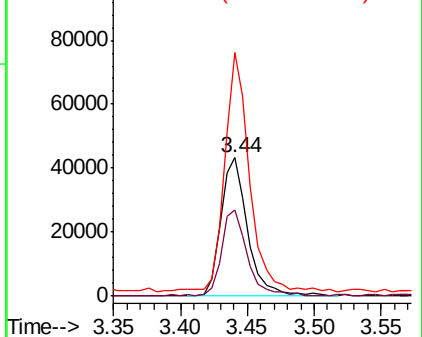
#2

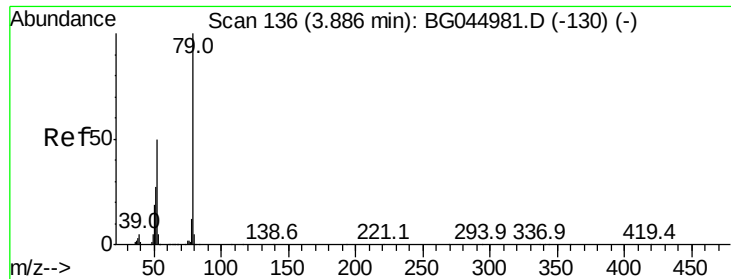
1,4-Dioxane
Concen: 34.958 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion: 88 Resp: 60885
Ion Ratio Lower Upper
88 100
58 58.8 46.6 69.8
43 158.9 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: 21.770 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

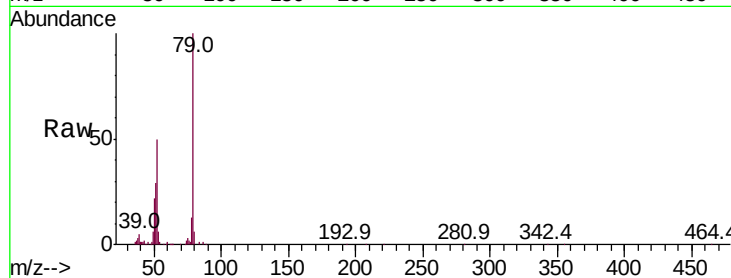
Tot Ion: 79 Resp: 116742

Ion Ratio Lower Upper

79 100

52 50.3 39.8 59.6

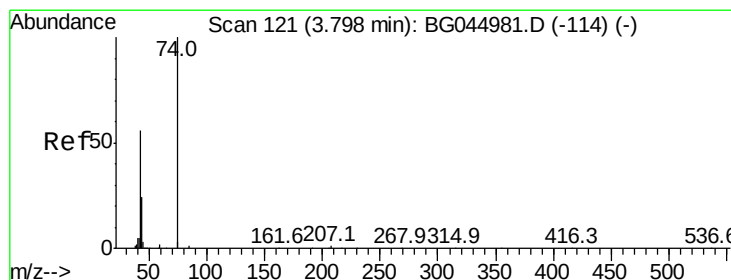
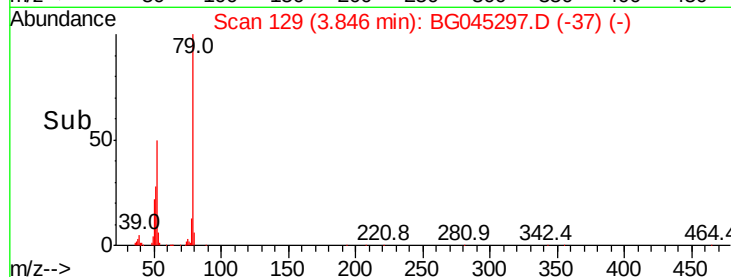
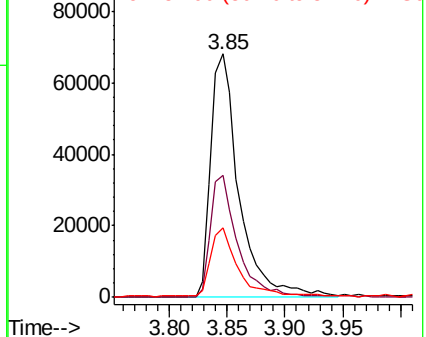
51 28.6 21.4 32.2



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: 36.930 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

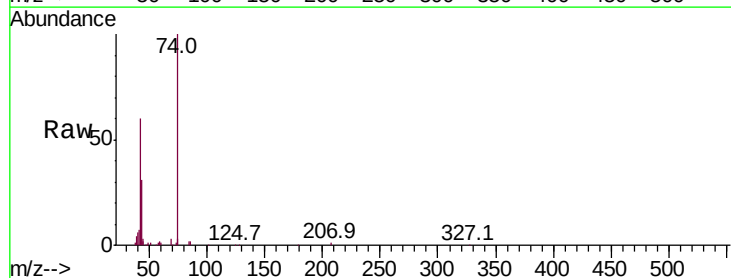
Tgt Ion: 42 Resp: 60667

Ion Ratio Lower Upper

42 100

74 166.4 143.0 214.6

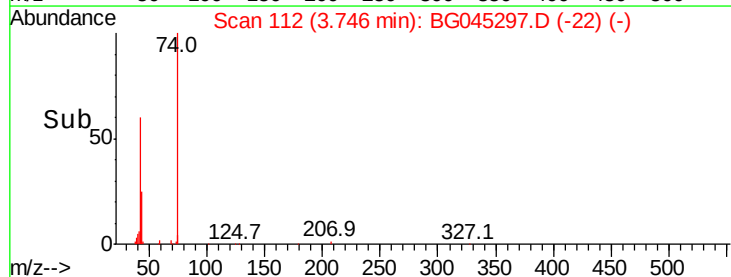
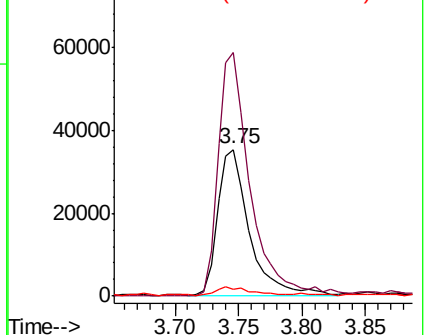
44 4.9 4.6 6.8

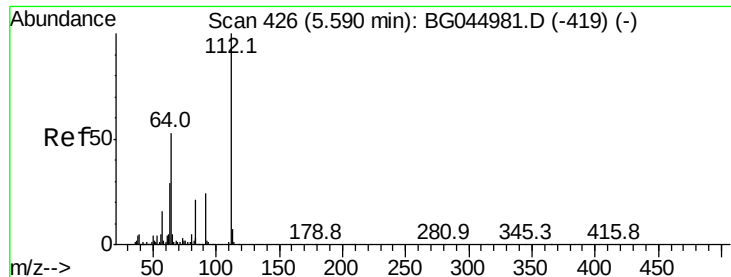


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 107.849 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

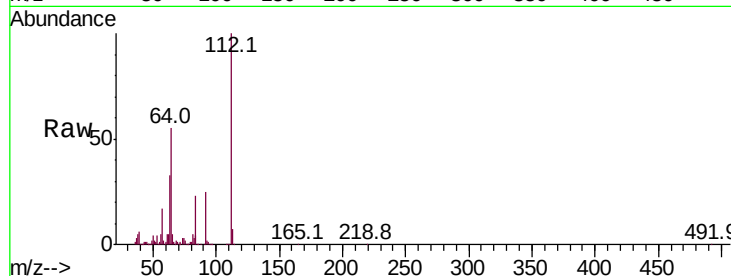
Tot Ion:112 Resp: 422664

Ion Ratio Lower Upper

112 100

64 54.8 42.4 63.6

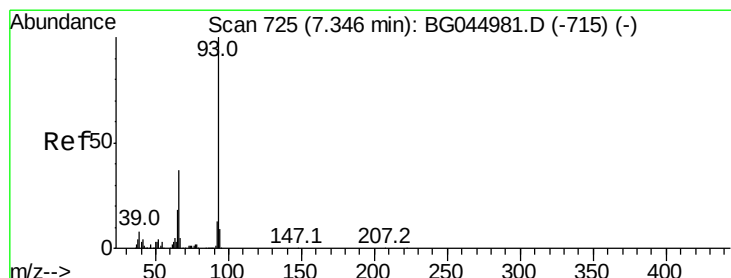
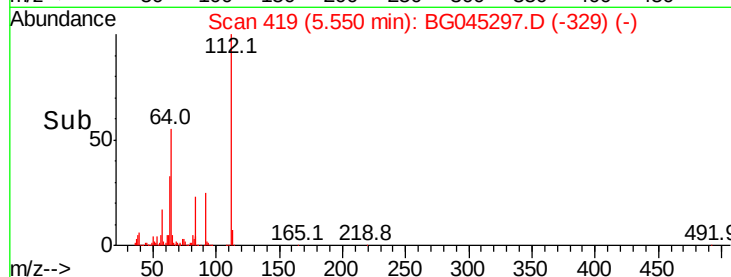
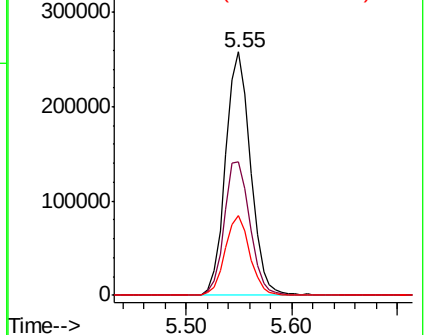
63 32.7 23.1 34.7



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: 24.886 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

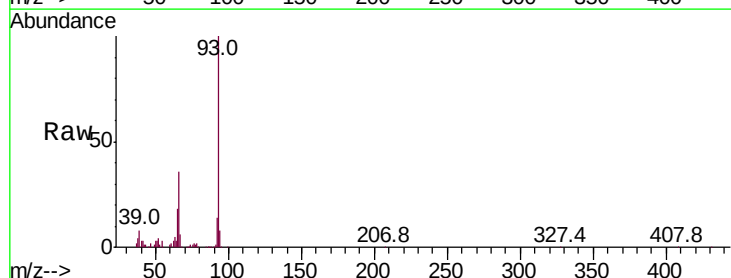
Tgt Ion: 93 Resp: 188405

Ion Ratio Lower Upper

93 100

66 36.2 29.8 44.8

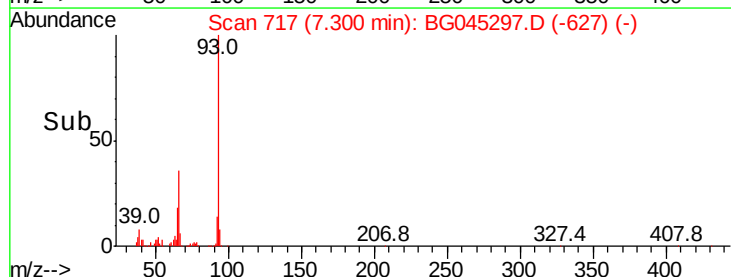
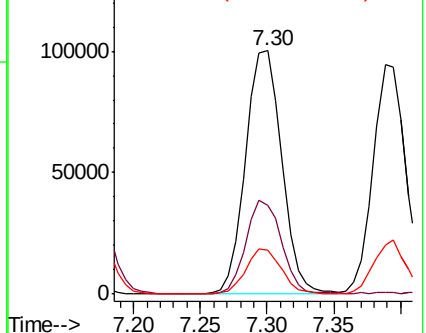
65 17.9 14.6 22.0

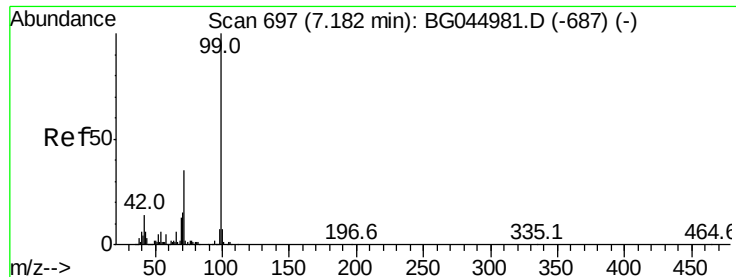


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 90.732 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

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ClientSampleId :

HR-05-050720MS

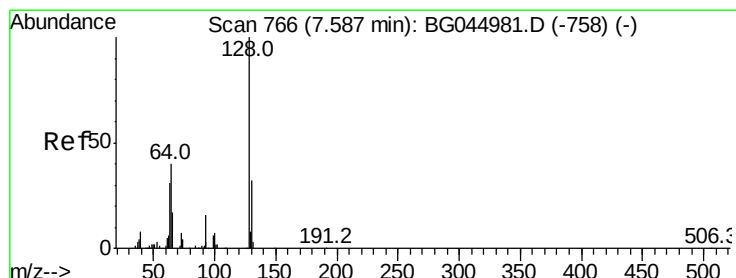
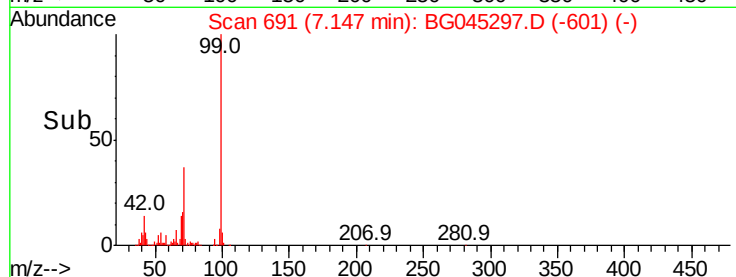
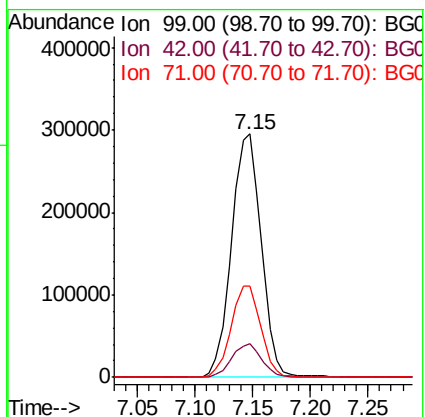
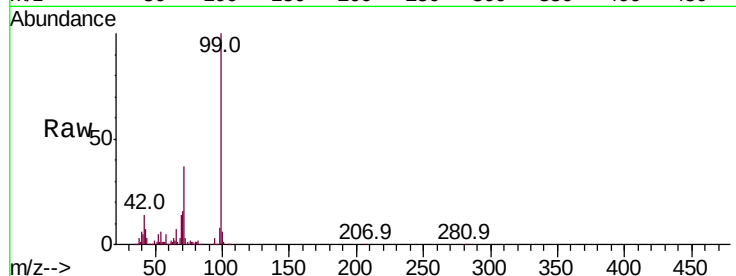
Tot Ion: 99 Resp: 528305

Ion Ratio Lower Upper

99 100

42 13.9 11.3 16.9

71 37.3 28.3 42.5



#8

2-Chlorophenol

Concen: 39.708 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

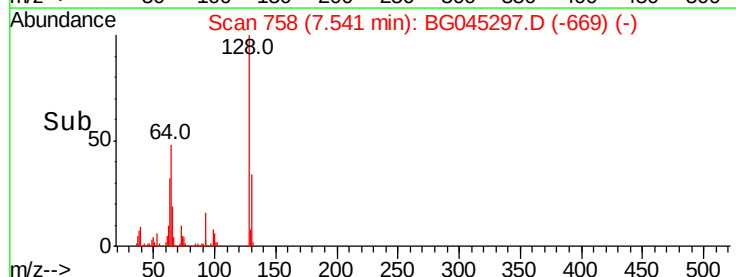
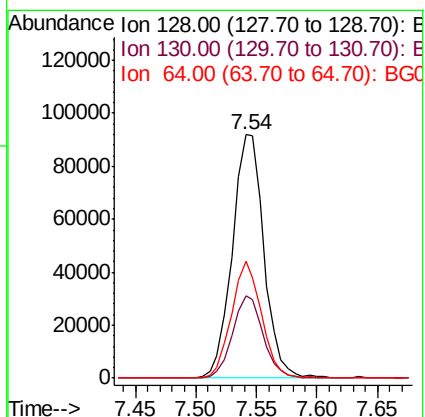
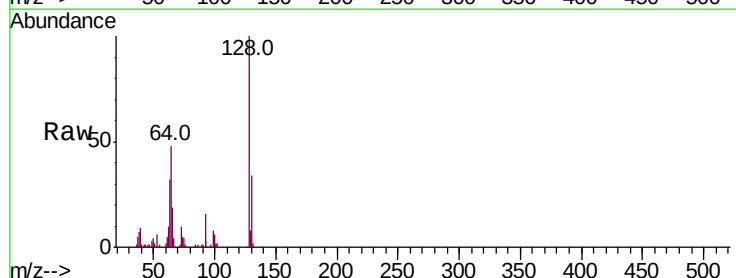
Tgt Ion: 128 Resp: 167244

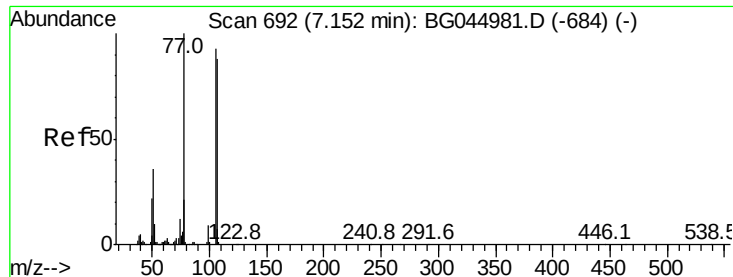
Ion Ratio Lower Upper

128 100

130 33.9 12.3 52.3

64 47.9 24.4 64.4





#9

Benzaldehyde

Concen: 24.888 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

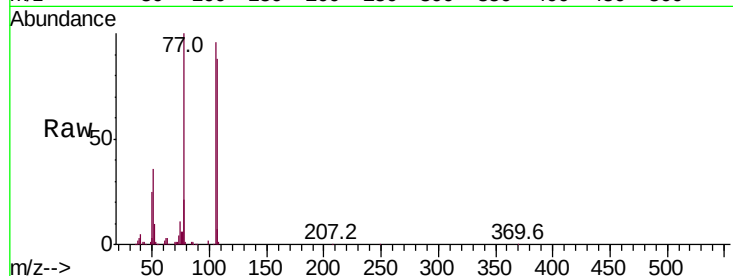
Tot Ion: 77 Resp: 93234

Ion Ratio Lower Upper

77 100

105 96.1 72.9 112.9

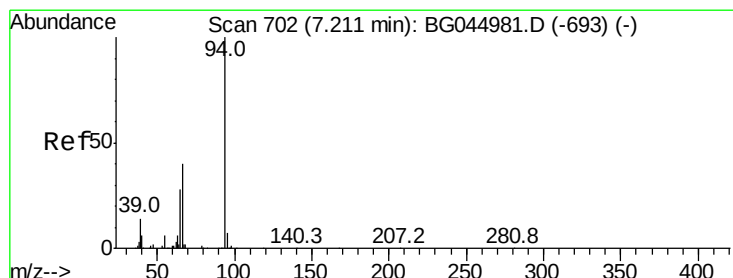
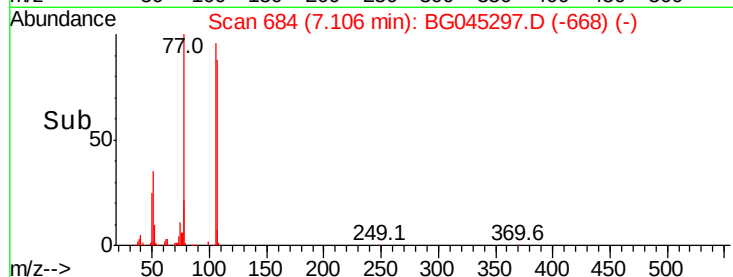
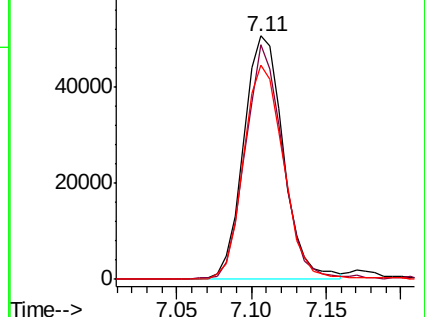
106 87.8 67.6 107.6



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: 31.698 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

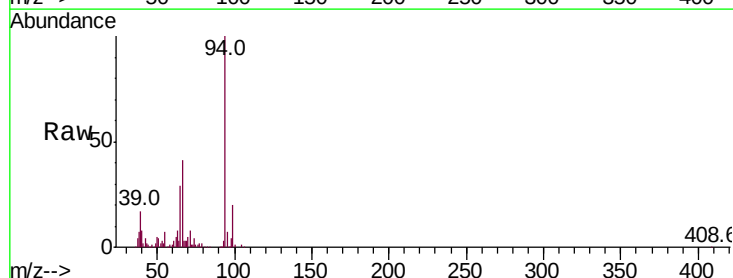
Tgt Ion: 94 Resp: 184695

Ion Ratio Lower Upper

94 100

65 28.6 8.2 48.2

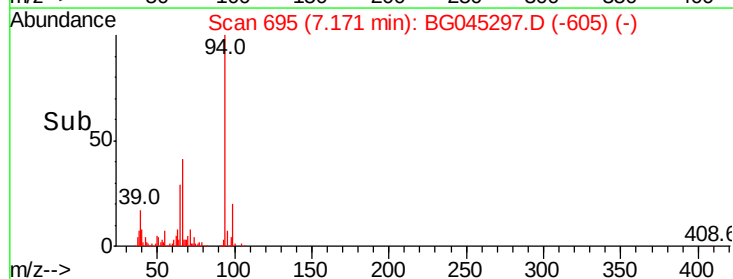
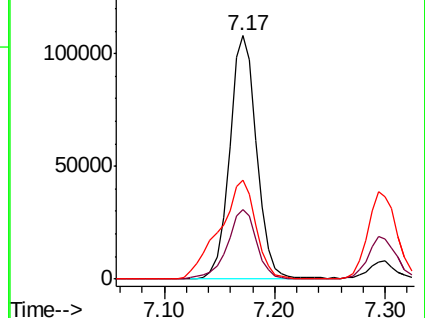
66 40.6 20.4 60.4

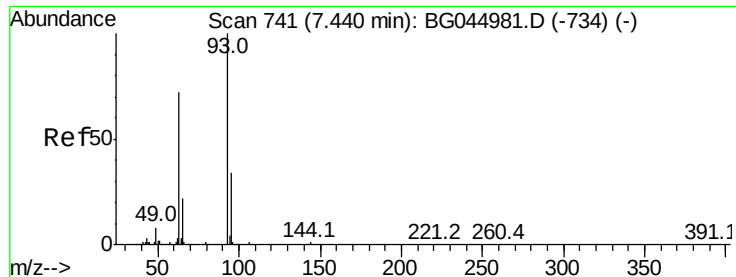


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.403 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

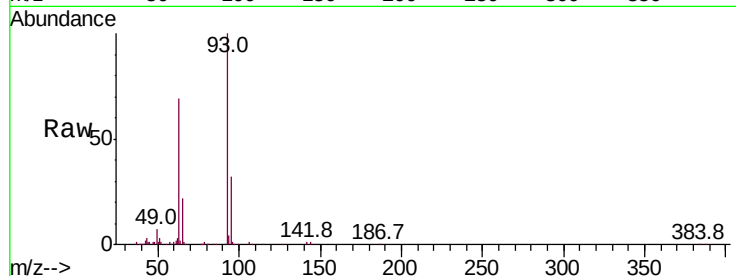
Tot Ion: 93 Resp: 159600

Ion Ratio Lower Upper

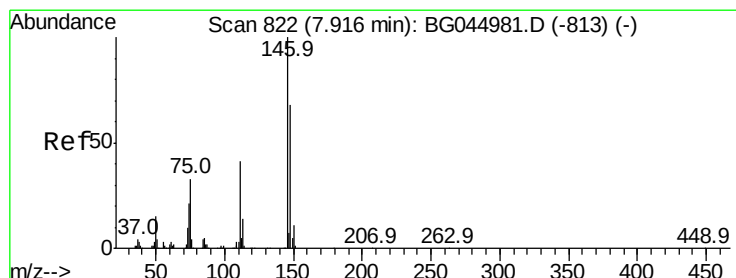
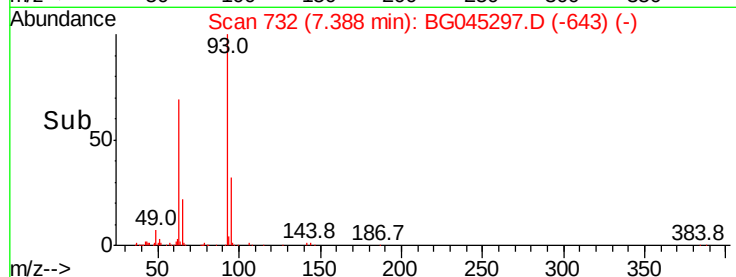
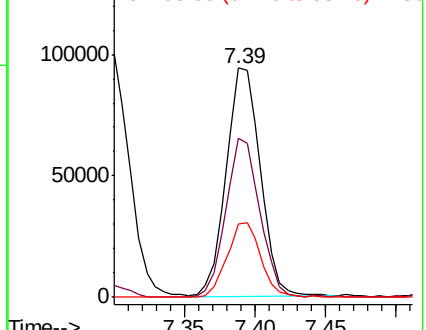
93 100

63 69.3 51.8 91.8

95 32.0 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: 36.814 ng

RT: 7.86 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

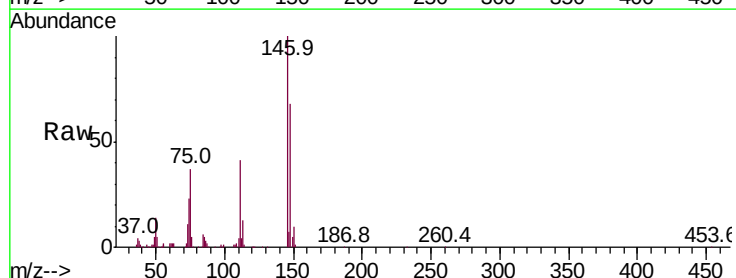
Tgt Ion: 146 Resp: 182712

Ion Ratio Lower Upper

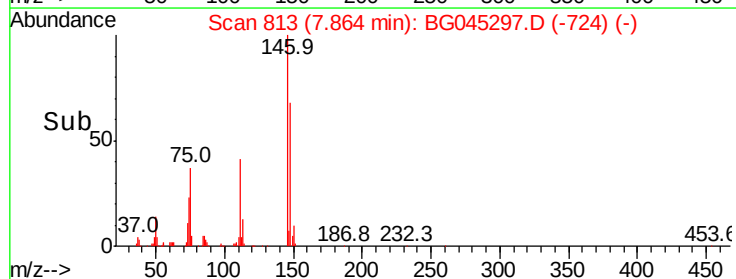
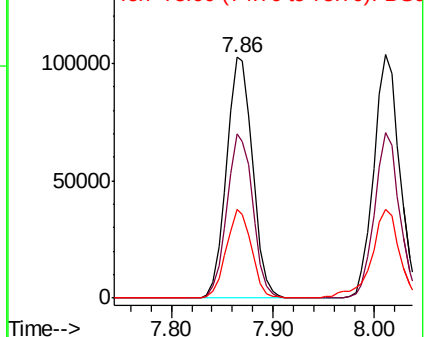
146 100

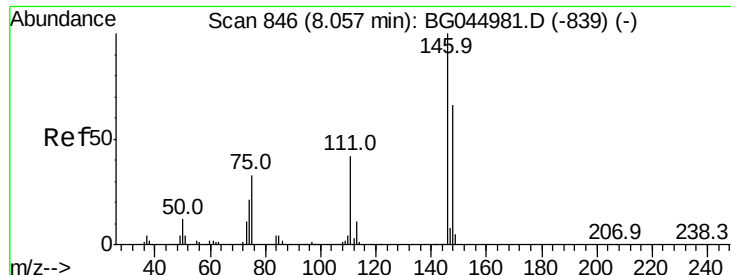
148 68.3 54.6 81.8

75 36.8 26.0 39.0



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

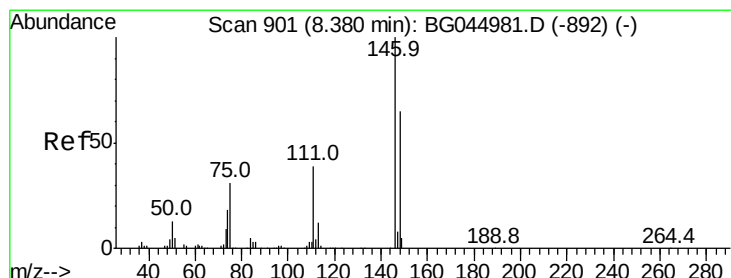
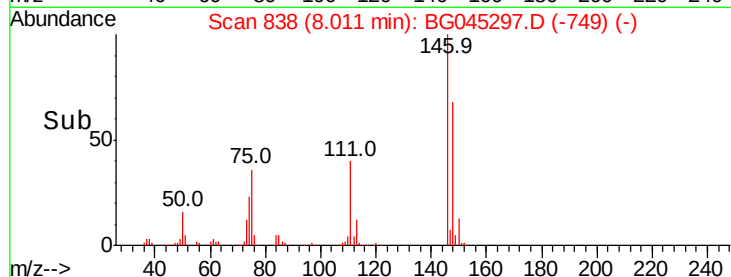
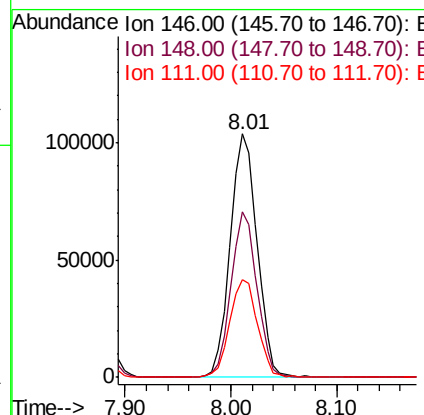
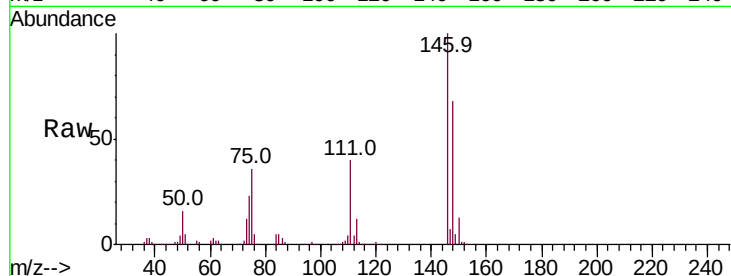




#13
 1,4-Dichlorobenzene
 Concen: 36.806 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

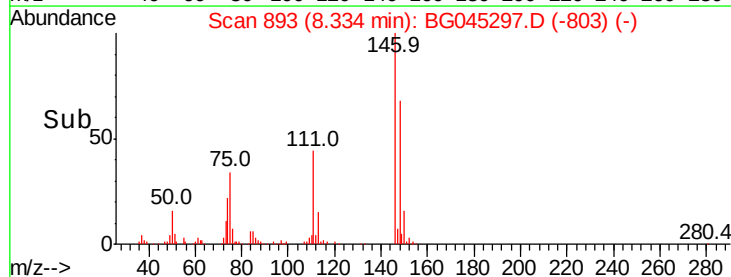
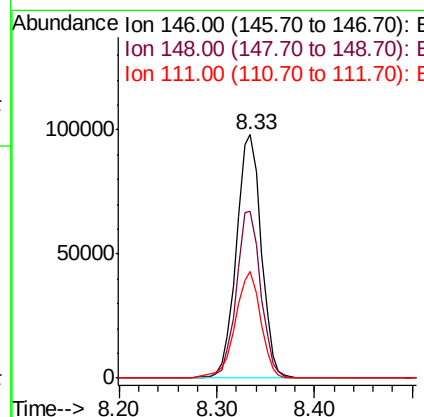
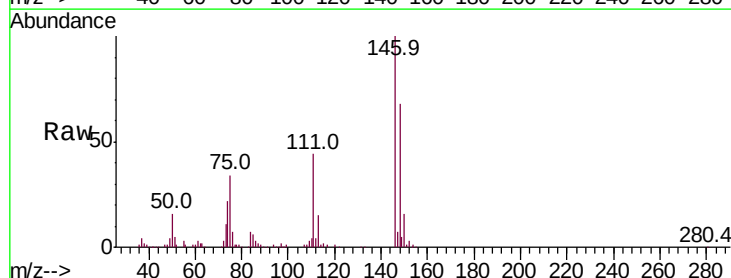
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

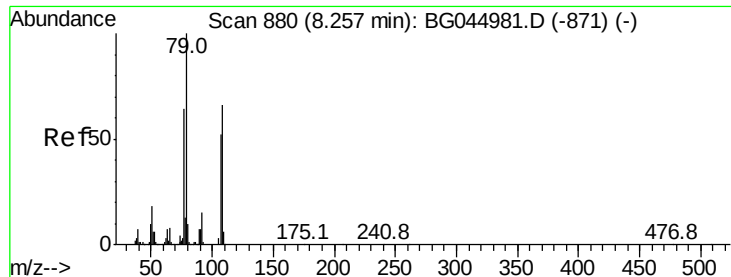
Tot Ion:146 Resp: 182022
 Ion Ratio Lower Upper
 146 100
 148 68.1 53.3 79.9
 111 40.4 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 36.644 ng
 RT: 8.33 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion:146 Resp: 173374
 Ion Ratio Lower Upper
 146 100
 148 68.3 51.9 77.9
 111 44.1 31.3 46.9





#15

Benzyl Alcohol

Concen: 35.810 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

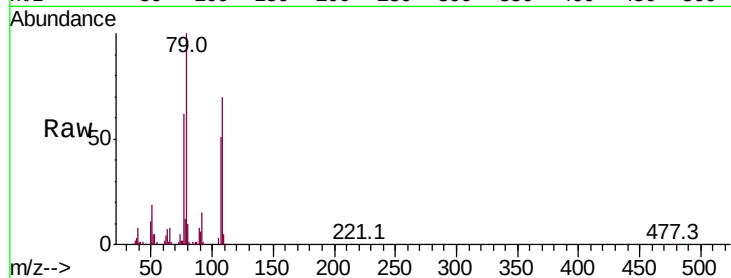
Tot Ion: 79 Resp: 174820

Ion Ratio Lower Upper

79 100

108 70.4 52.7 79.1

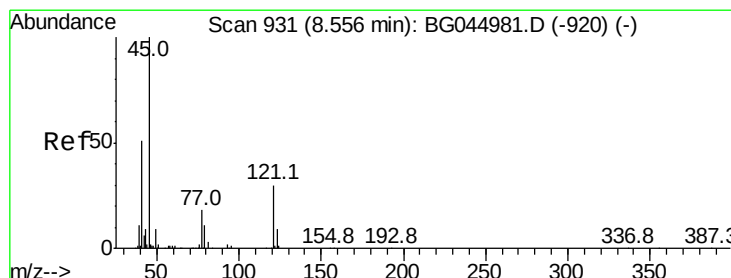
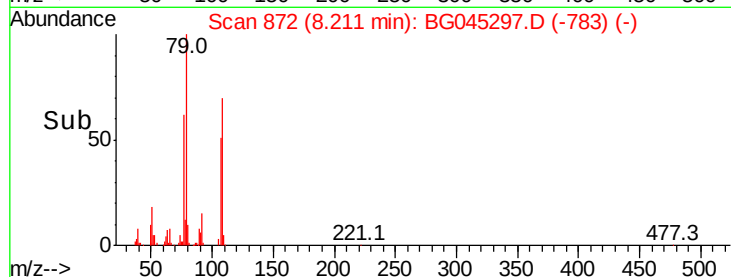
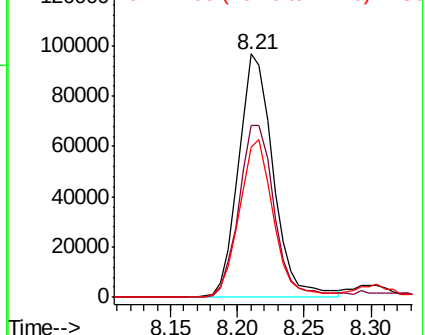
77 61.9 51.3 76.9



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: 31.828 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

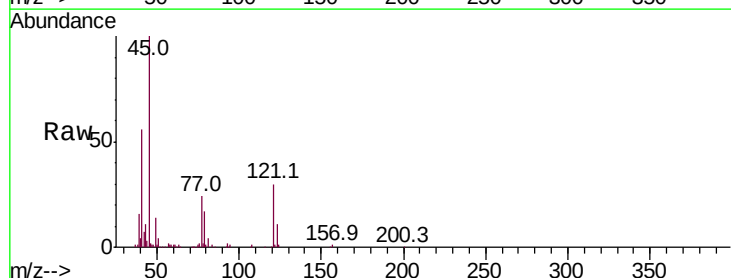
Tgt Ion: 45 Resp: 144941

Ion Ratio Lower Upper

45 100

77 23.9 1.9 41.9

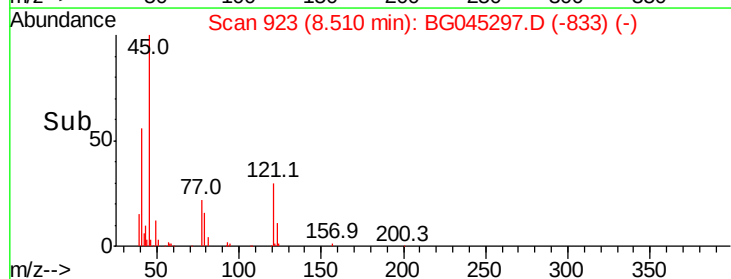
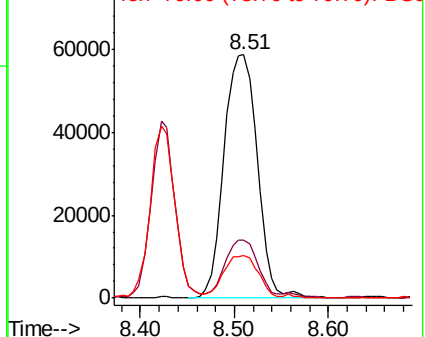
79 17.5 0.0 35.5

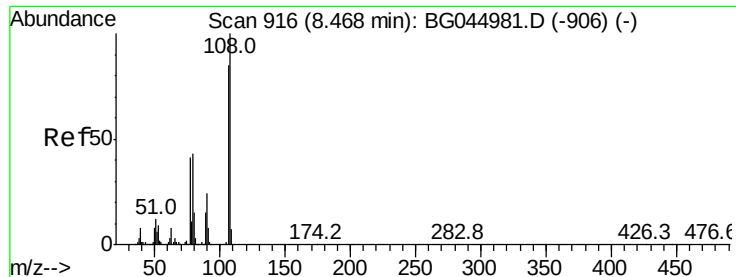


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 33.281 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

Tot Ion:107 Resp: 149615

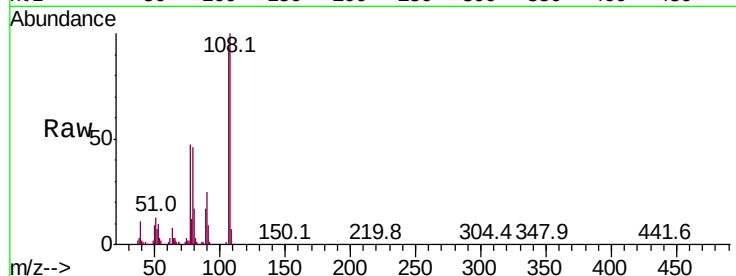
Ion Ratio Lower Upper

107 100

108 107.7 93.8 140.6

77 50.8 38.5 57.7

79 49.1 40.1 60.1

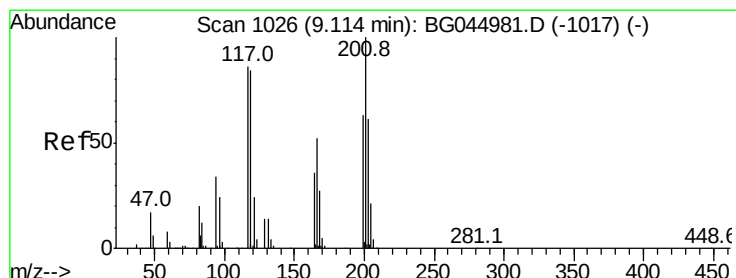
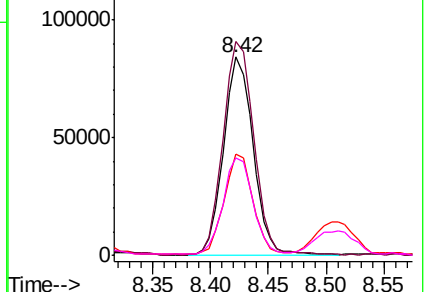
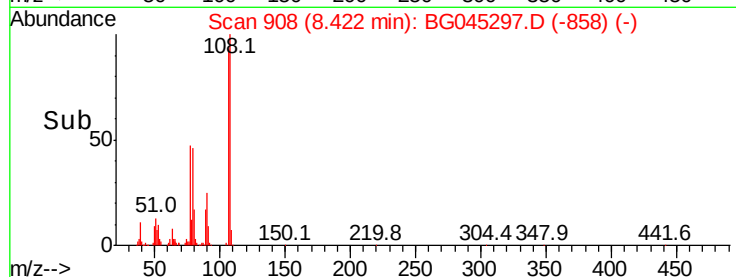


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 37.554 ng

RT: 9.06 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

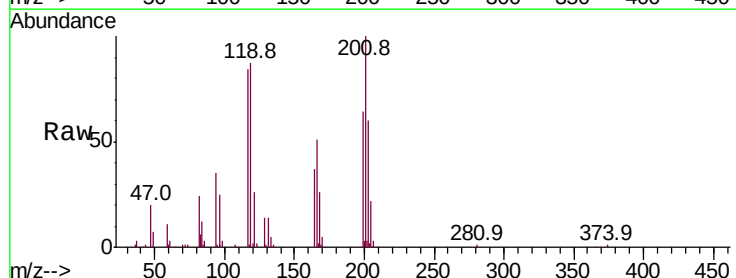
Tgt Ion:117 Resp: 69819

Ion Ratio Lower Upper

117 100

119 102.8 78.3 117.5

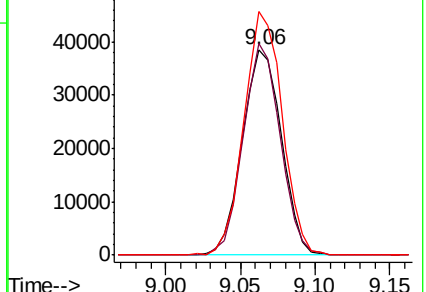
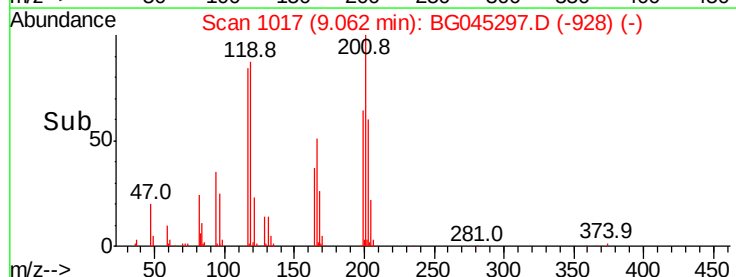
201 118.4 92.9 139.3

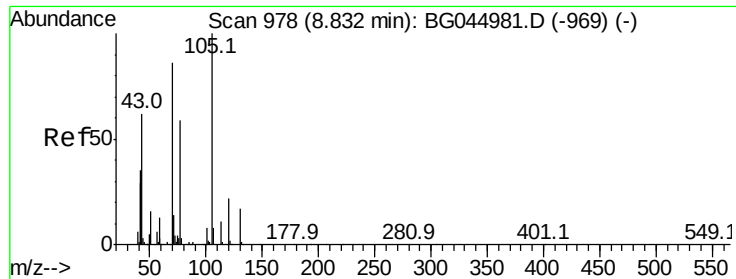


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

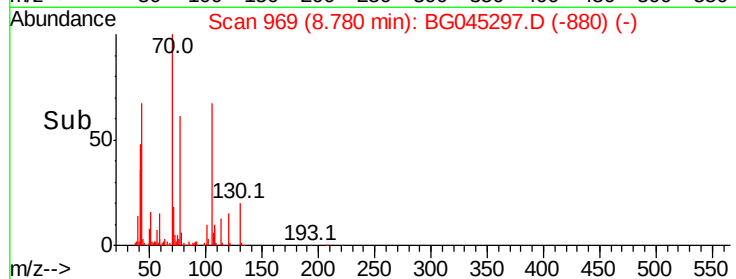
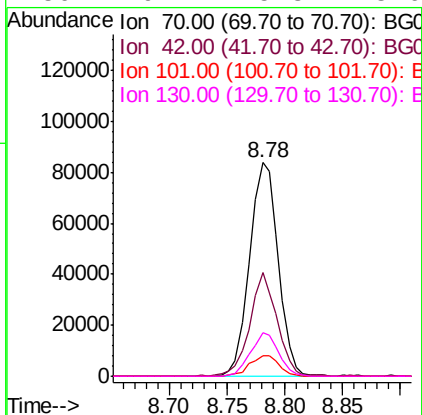
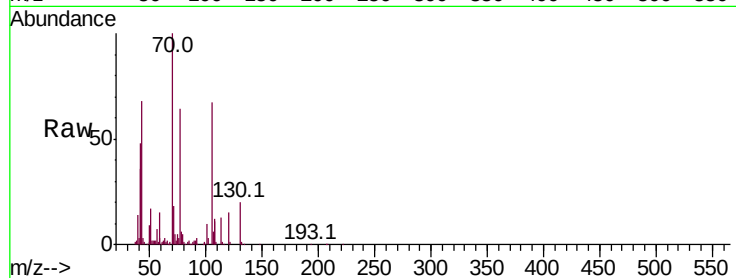




#19
n-Nitroso-di-n-propylamine
Concen: 35.122 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

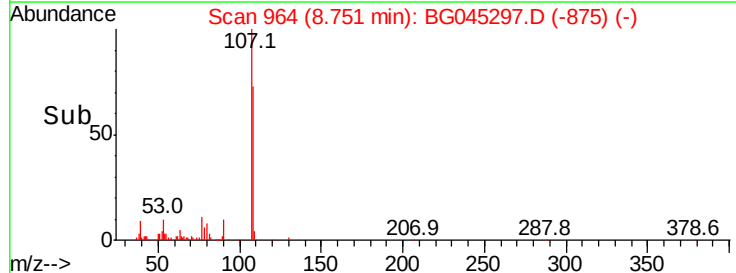
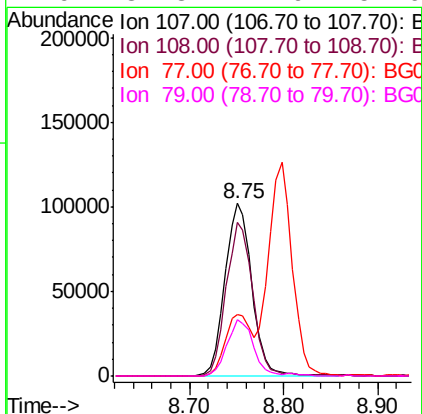
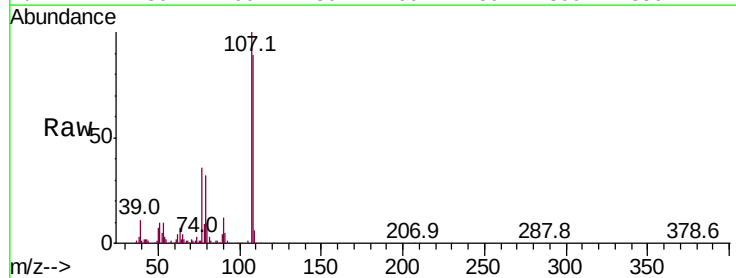
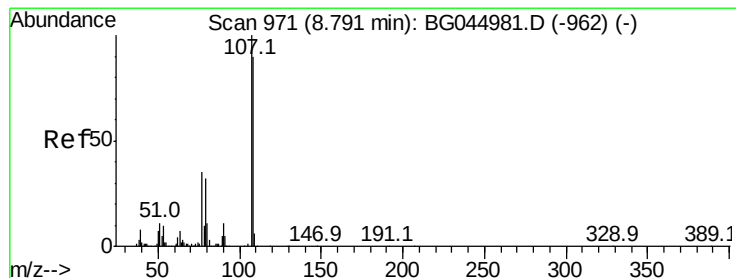
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

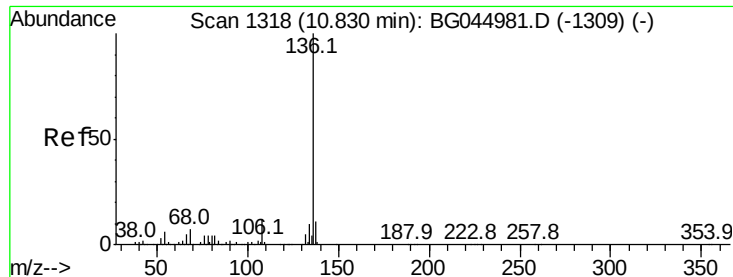
Tot Ion:	70	Resp:	144628
Ion	Ratio	Lower	Upper
70	100		
42	48.3	33.3	49.9
101	9.7	7.8	11.8
130	20.1	15.8	23.6



#20
3+4-Methylphenols
Concen: 32.154 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion:	107	Resp:	202325
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.9	109.9
77	36.0	15.2	55.2
79	32.3	11.6	51.6

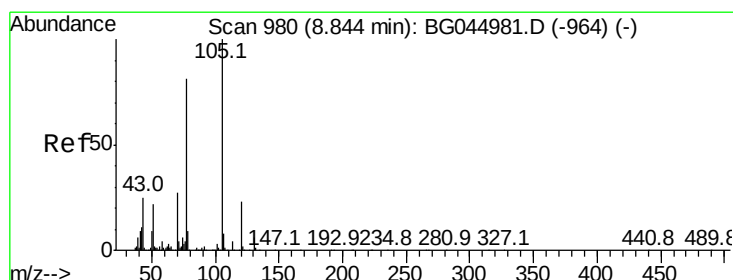
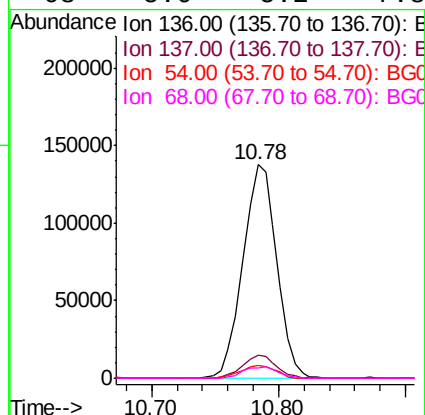
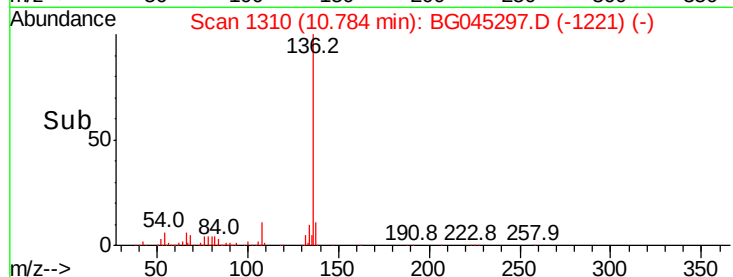
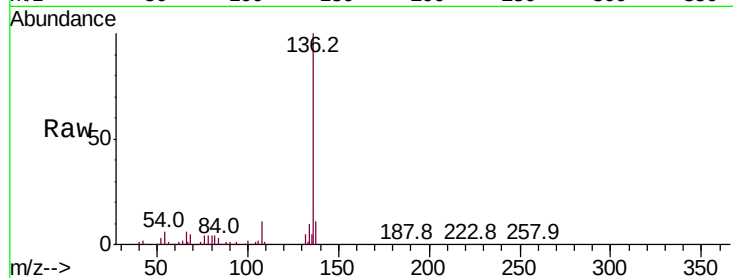




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

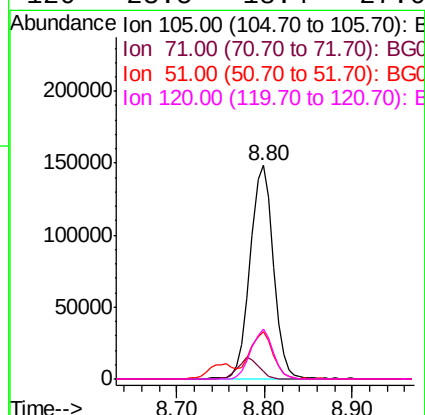
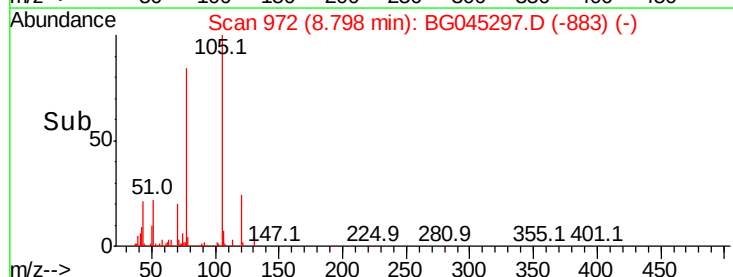
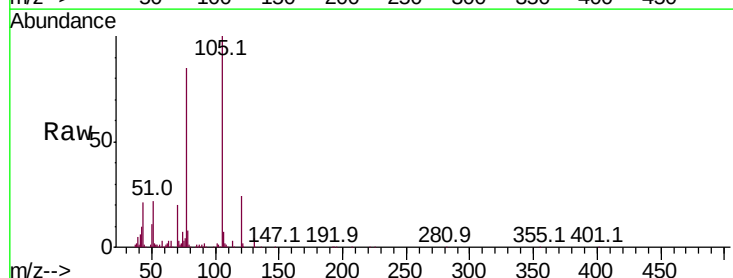
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

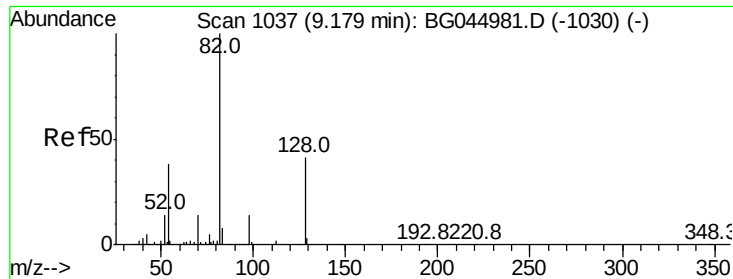
Tot Ion:136	Resp:	254373
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.6	13.0
54 5.9	4.8	7.2
68 5.0	5.2	7.8#



#22
Acetophenone
Concen: 38.863 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt	Ion:105	Resp:	267338
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.3	4.9
51	22.3	17.3	25.9
120	23.5	18.4	27.6

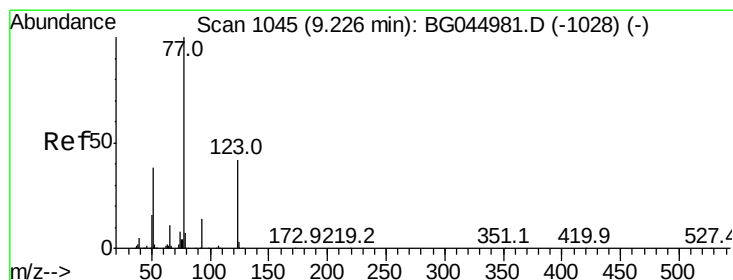
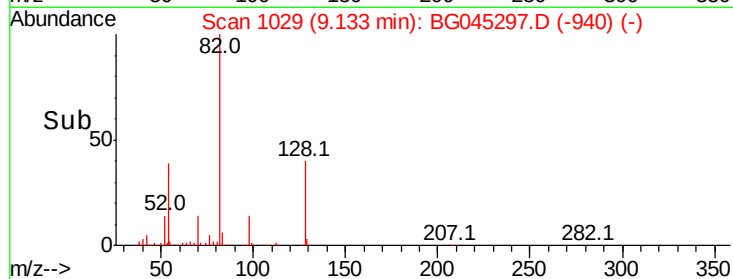
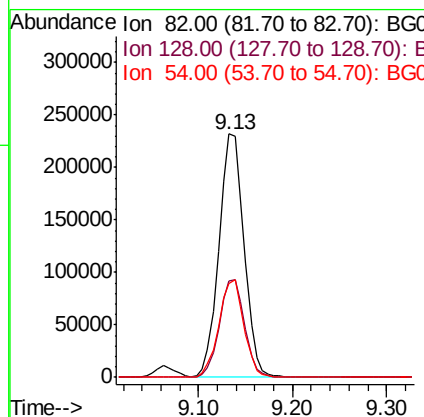
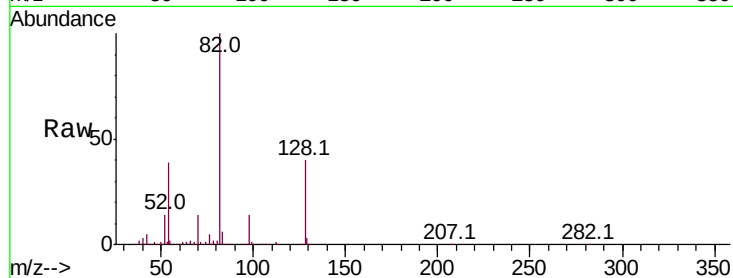




#23
 Nitrobenzene-d5
 Concen: 77.572 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

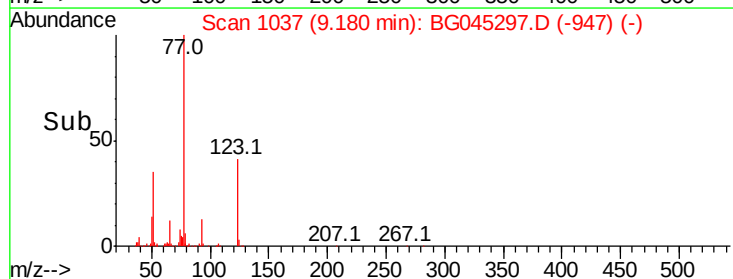
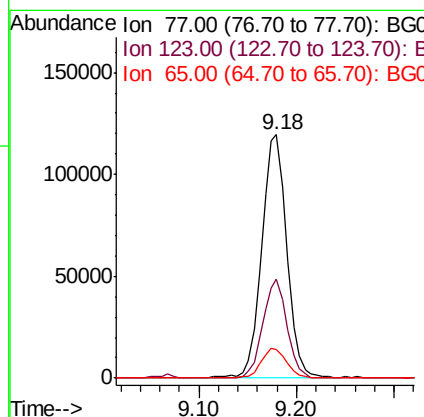
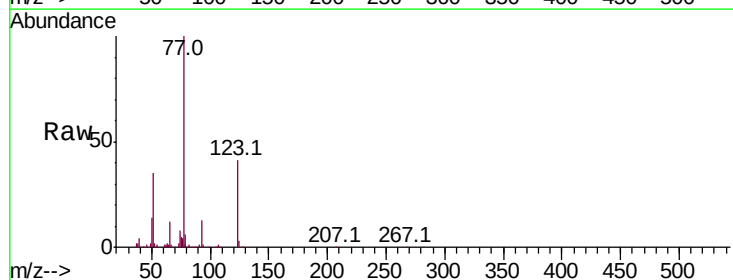
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

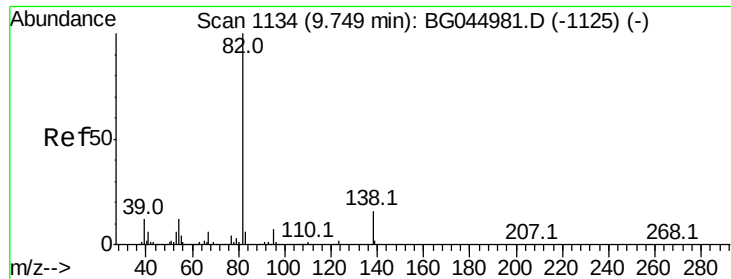
Tot Ion	82	Resp	432449
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.4
54	38.8	30.4	45.6



#24
 Nitrobenzene
 Concen: 38.007 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	77	Resp	217186
Ion	Ratio	Lower	Upper
77	100		
123	40.9	34.3	51.5
65	11.8	8.9	13.3

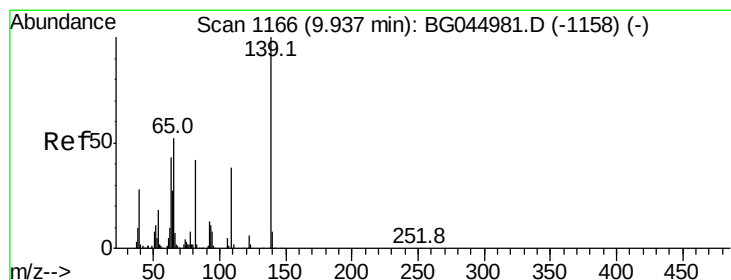
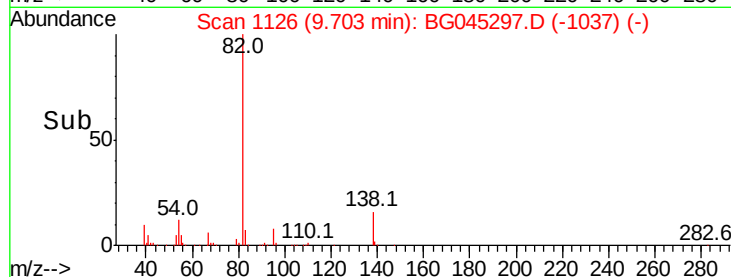
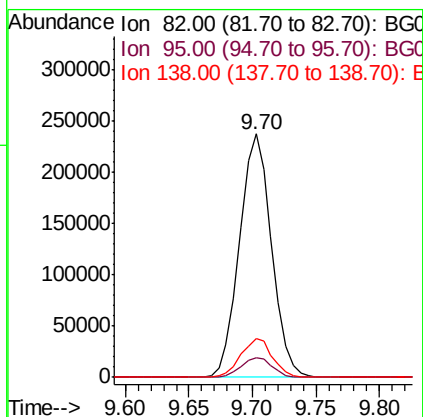
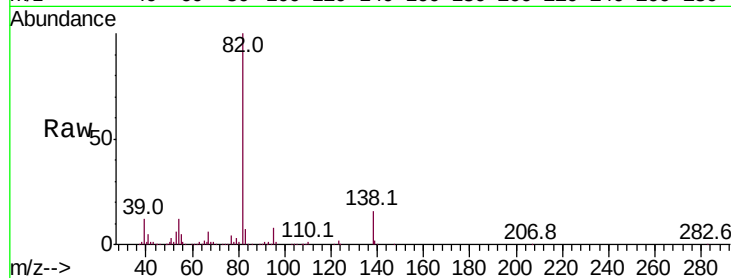




#25
Isophorone
Concen: 36.374 ng
RT: 9.70 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

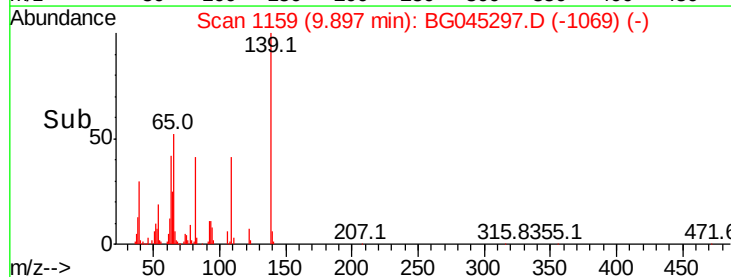
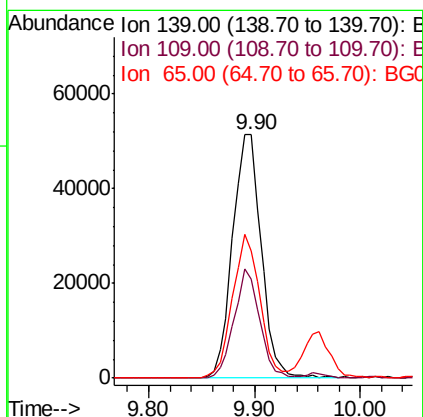
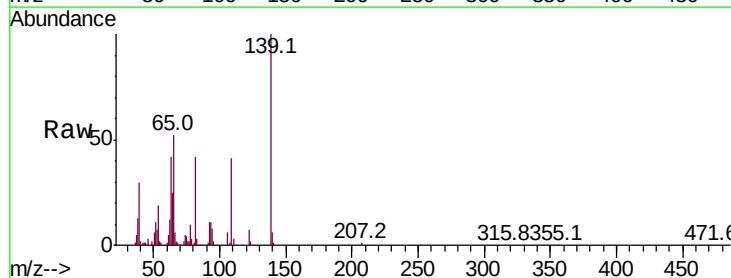
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

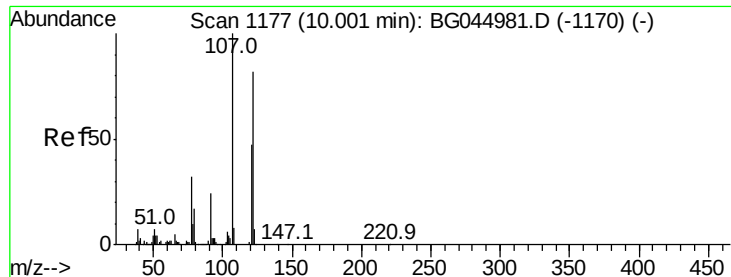
Tot Ion: 82 Resp: 415263
Ion Ratio Lower Upper
82 100
95 8.2 6.0 9.0
138 15.8 12.7 19.1



#26
2-Nitrophenol
Concen: 39.172 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion: 139 Resp: 96421
Ion Ratio Lower Upper
139 100
109 40.7 30.6 45.8
65 52.0 41.8 62.6

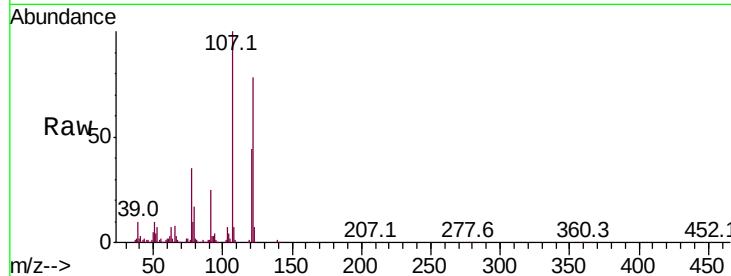




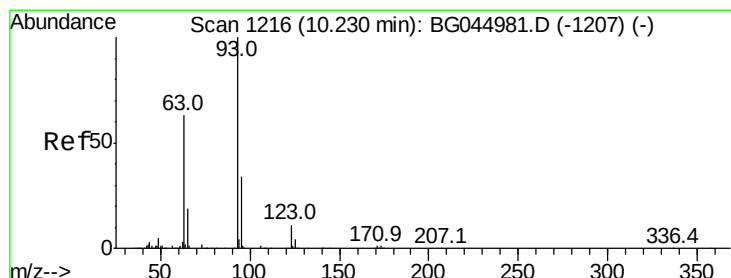
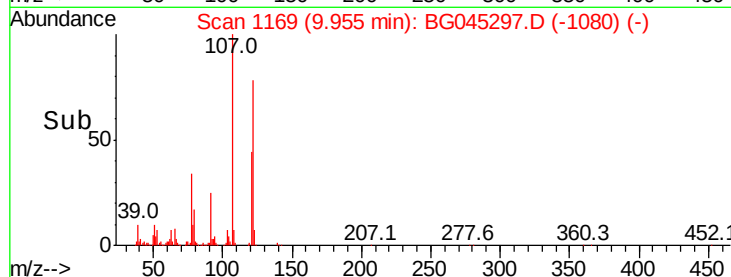
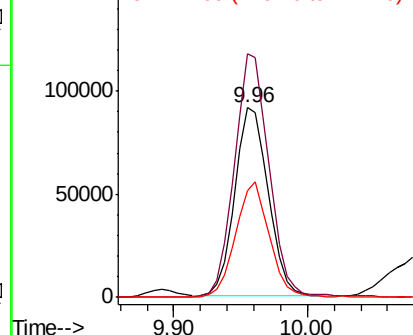
#27
2,4-Dimethylphenol
Concen: 40.978 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tot Ion:122 Resp: 160046
Ion Ratio Lower Upper
122 100
107 128.4 96.8 145.2
121 56.5 45.6 68.4

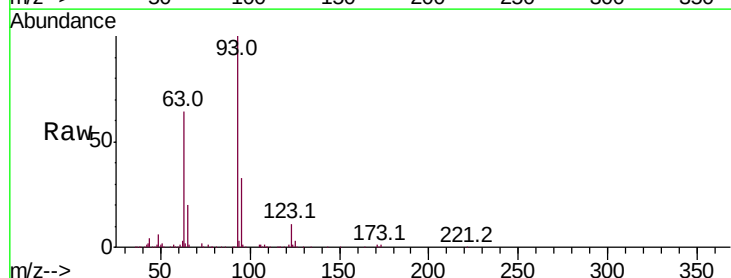


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

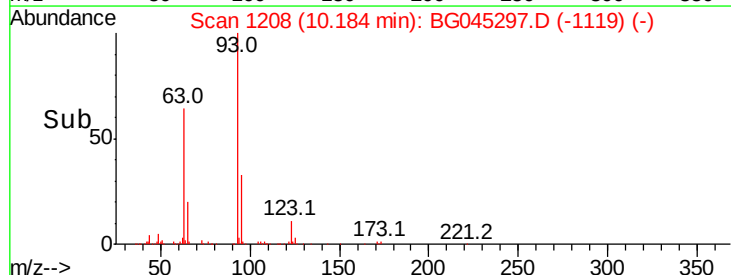
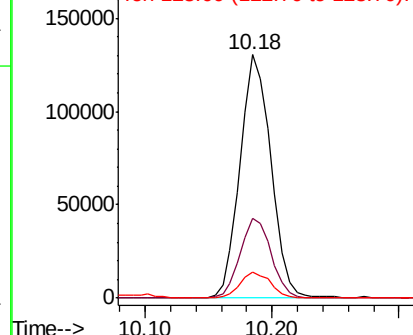


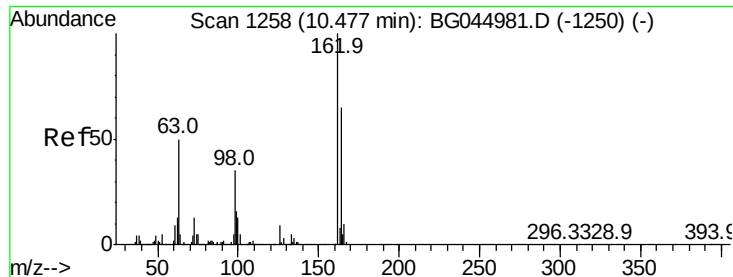
#28
bis(2-Chloroethoxy)methane
Concen: 36.808 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion: 93 Resp: 220790
Ion Ratio Lower Upper
93 100
95 32.7 27.0 40.4
123 10.6 8.7 13.1



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

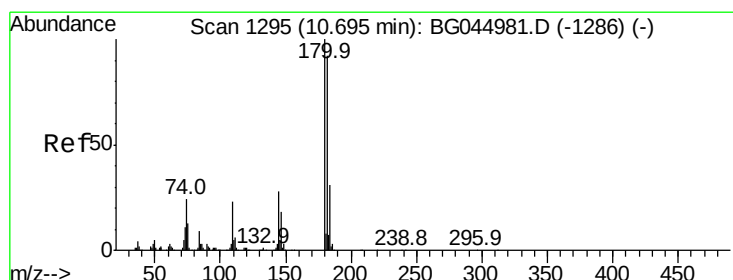
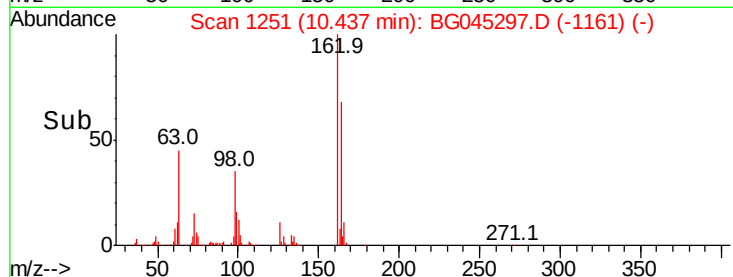
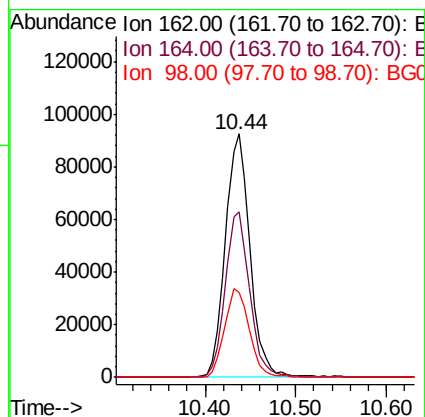
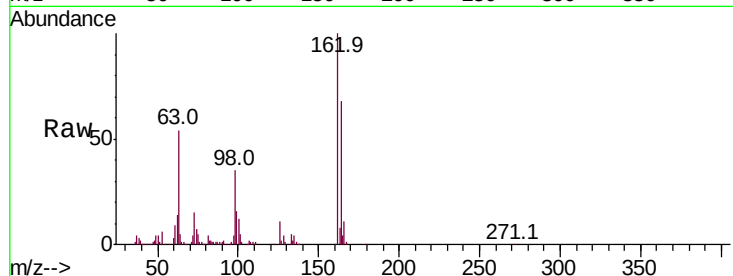




#29
2,4-Dichlorophenol
Concen: 38.742 ng
RT: 10.44 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

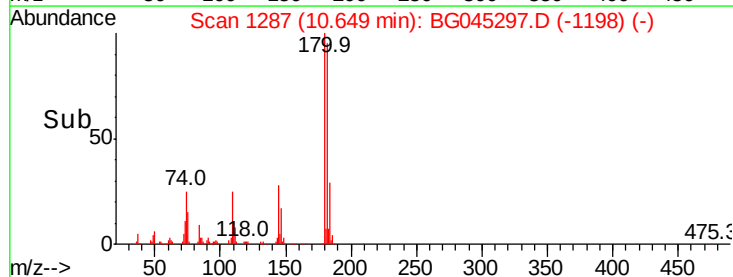
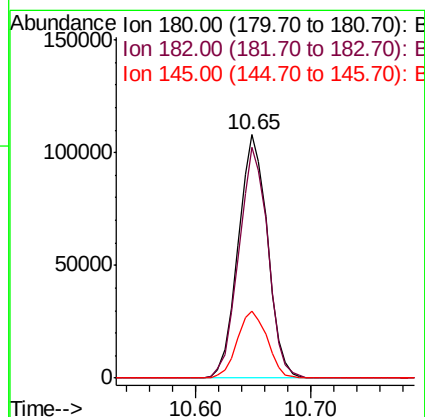
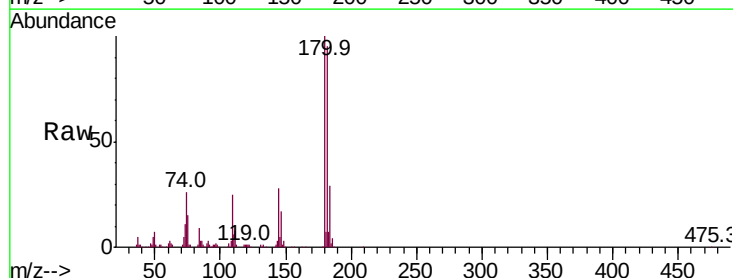
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

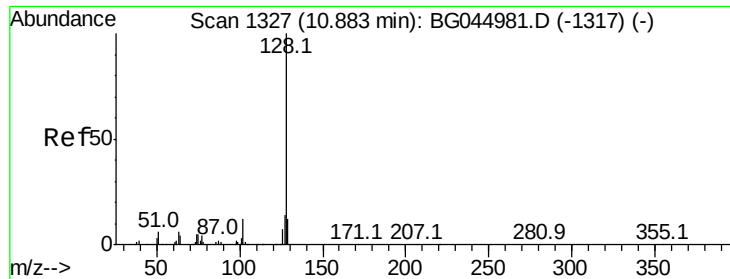
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	45.0	85.0
98	34.7	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 37.169 ng
RT: 10.65 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.3	109.9
145	27.7	22.6	33.8

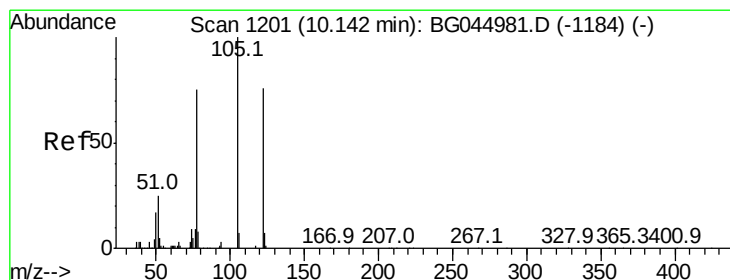
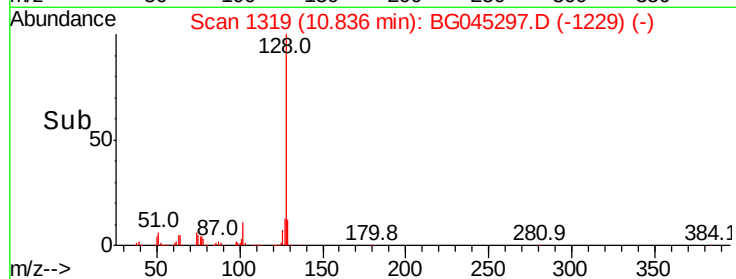
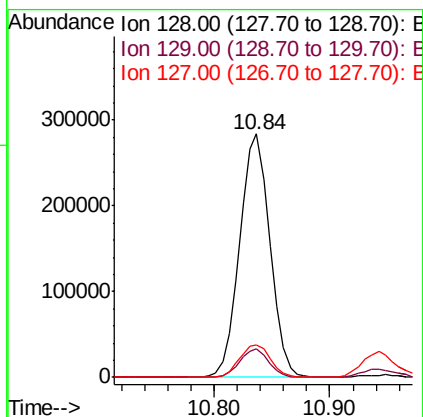
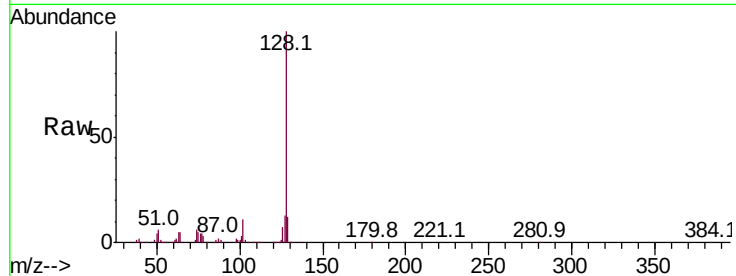




#31
Naphthalene
Concen: 37.039 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

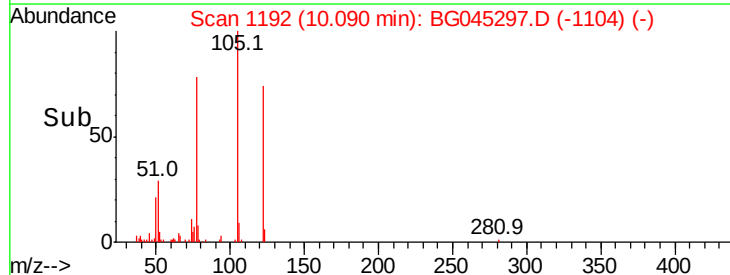
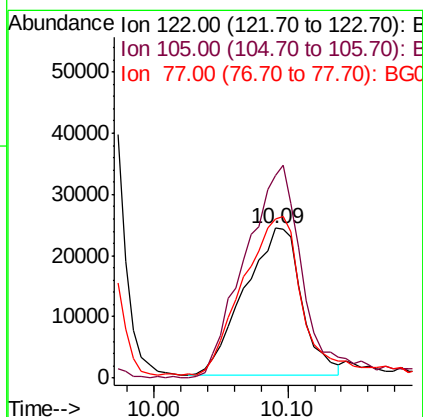
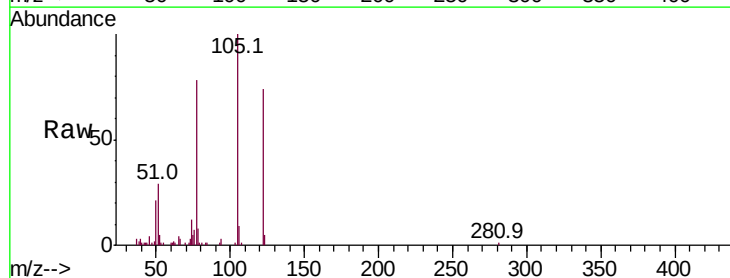
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

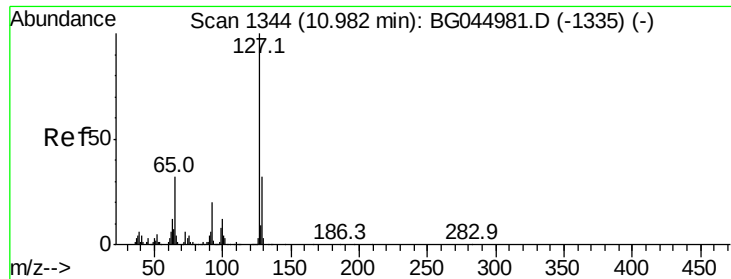
Tot Ion:128 Resp: 515406
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 25.793 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion:122 Resp: 70652
Ion Ratio Lower Upper
122 100
105 135.6 108.4 148.4
77 106.4 78.8 118.8

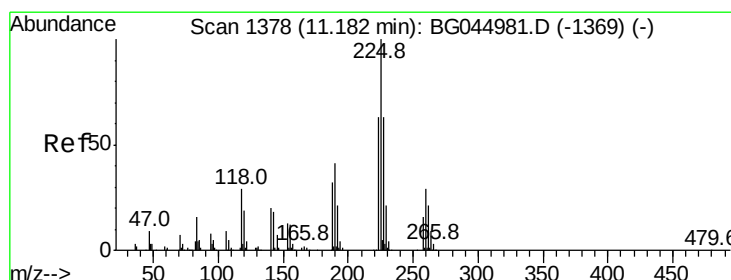
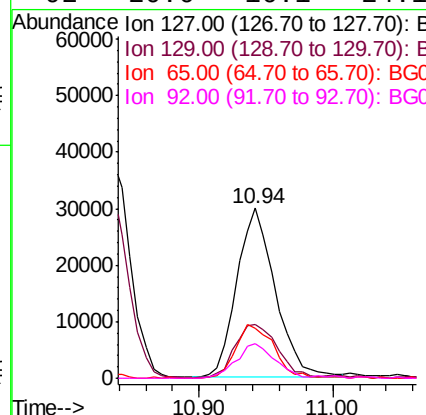
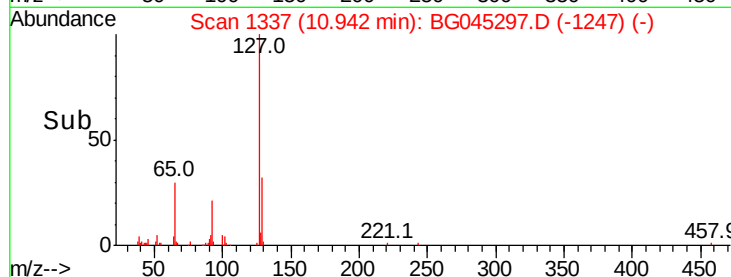
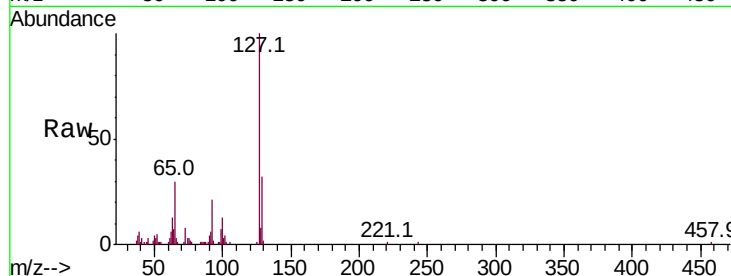




#33
4-Chloroaniline
Concen: 9.250 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

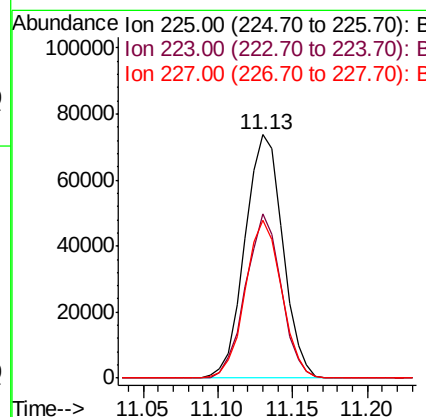
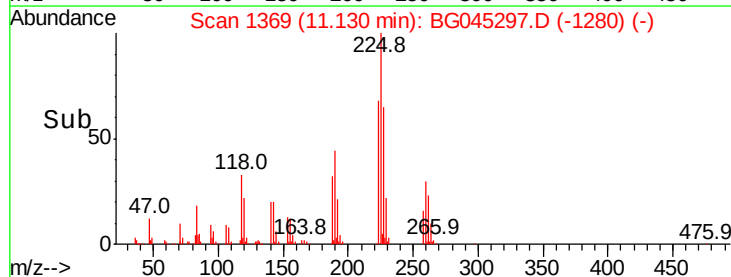
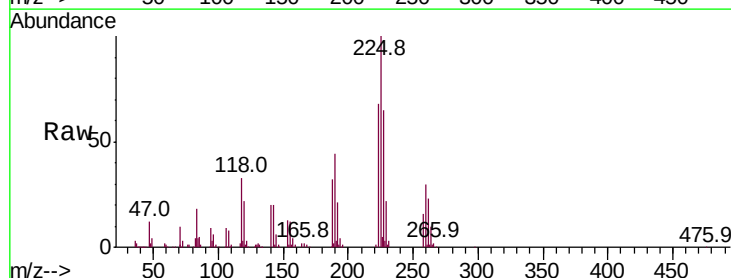
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

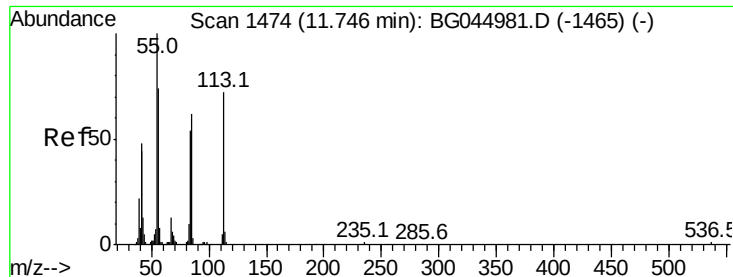
Tot Ion:127	Resp:	60032
Ion	Ratio	Lower Upper
127	100	
129	31.8	25.7 38.5
65	29.7	25.4 38.2
92	20.6	16.1 24.1



#34
Hexachlorobutadiene
Concen: 36.787 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion:225	Resp:	128785
Ion	Ratio	Lower Upper
225	100	
223	67.6	50.7 76.1
227	64.8	50.2 75.2





#35

Caprolactam

Concen: 11.653 ng

RT: 11.70 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

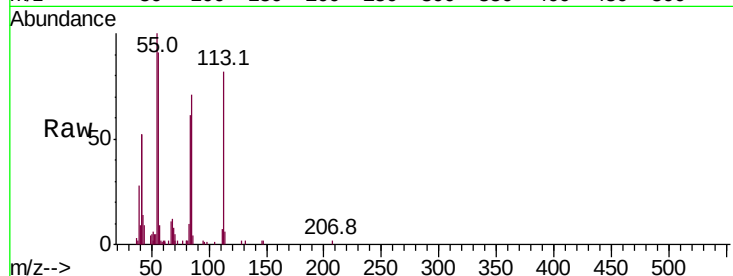
Tot Ion:113 Resp: 20916

Ion Ratio Lower Upper

113 100

55 121.9 118.8 158.8

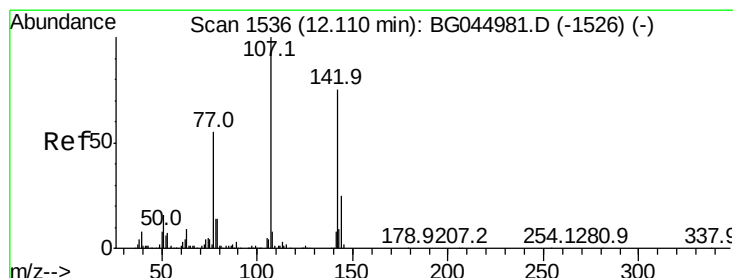
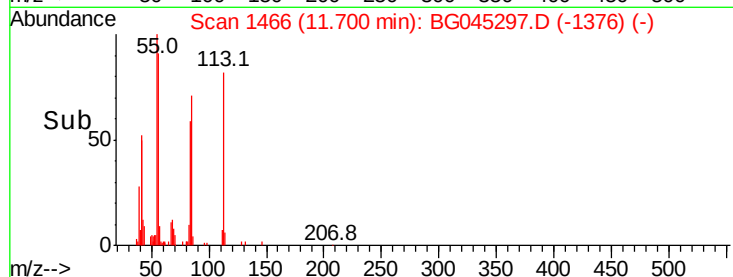
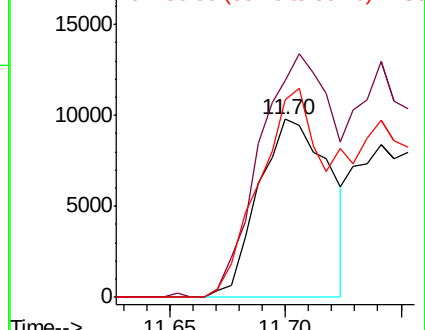
56 110.7 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.630 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

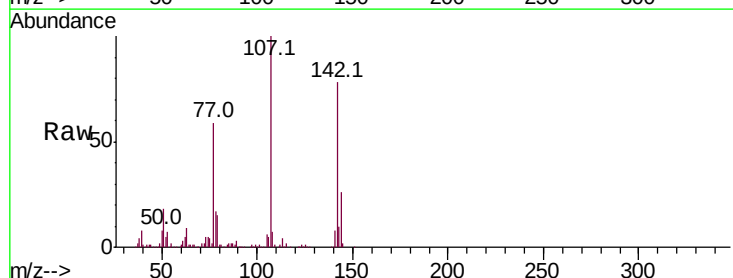
Tgt Ion:107 Resp: 204655

Ion Ratio Lower Upper

107 100

144 26.2 19.8 29.6

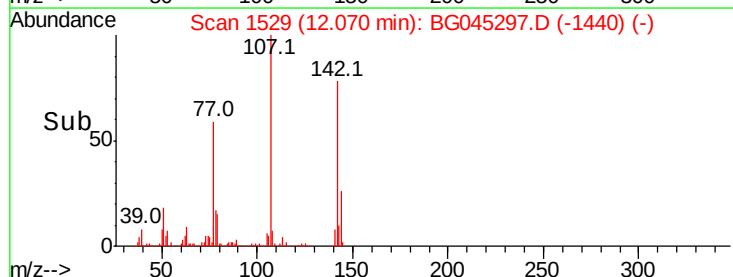
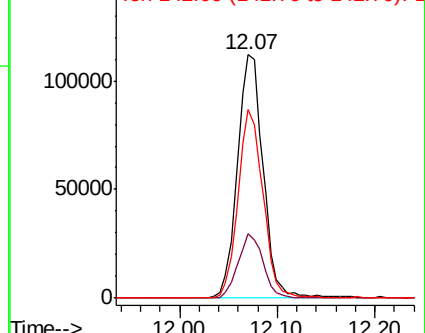
142 77.5 59.7 89.5

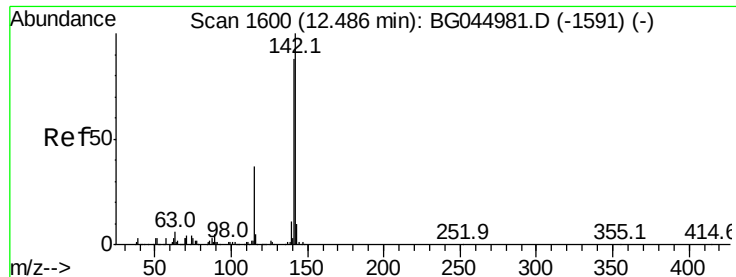


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

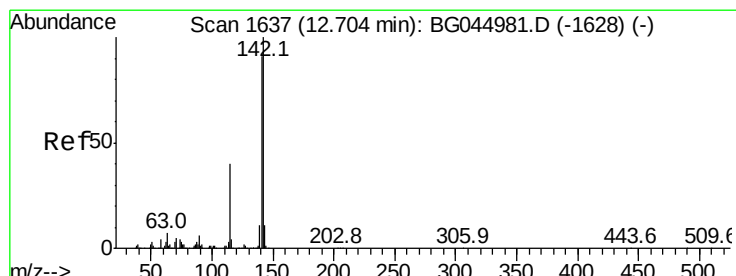
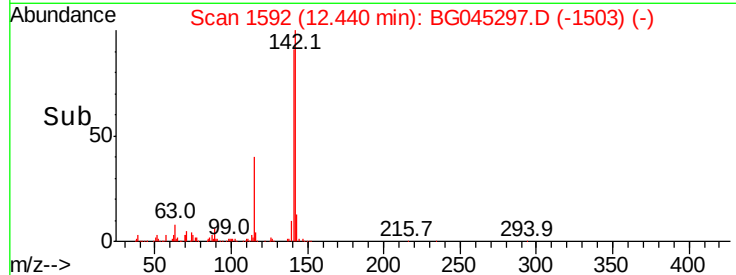
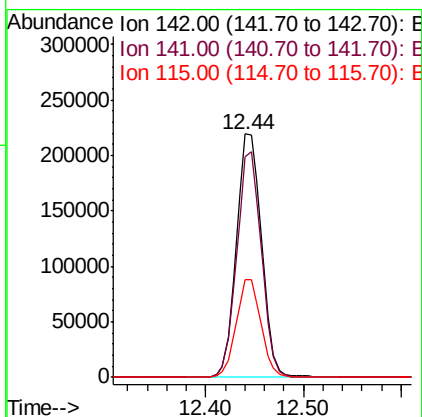
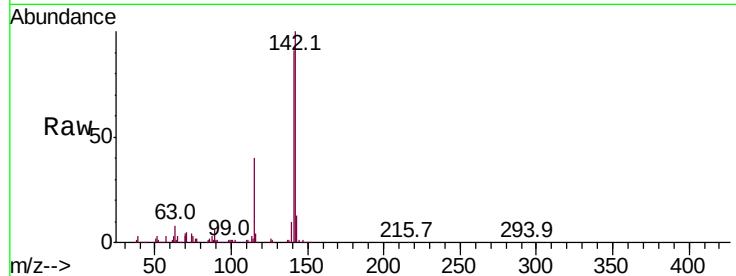




#37
2-Methylnaphthalene
Concen: 36.490 ng
RT: 12.44 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

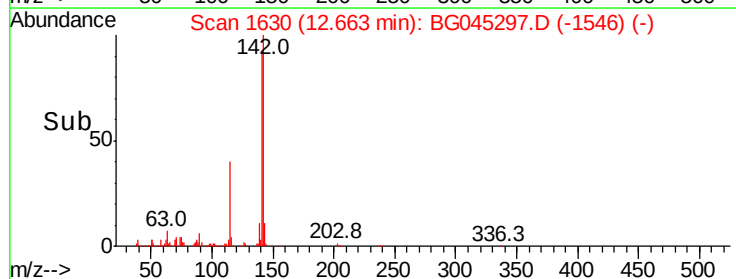
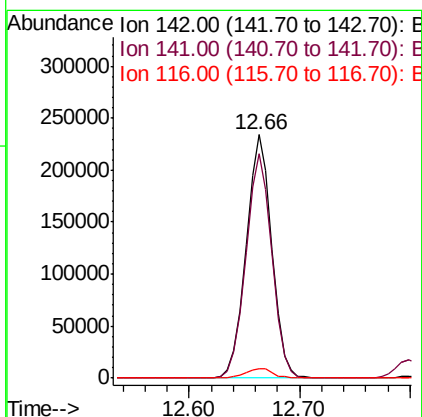
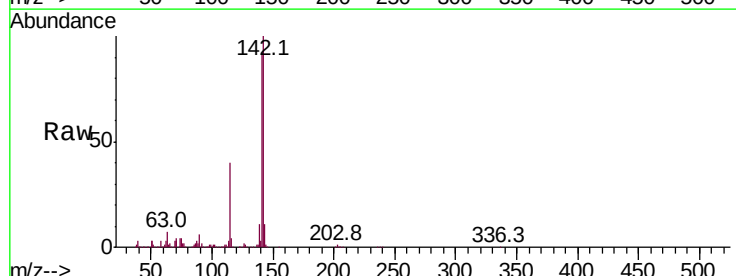
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

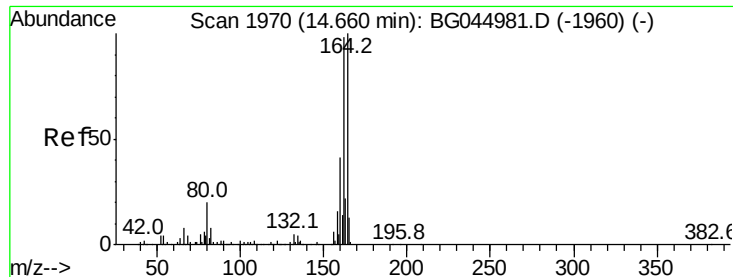
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.3	105.5
115	40.1	29.8	44.6



#38
1-Methylnaphthalene
Concen: 37.198 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

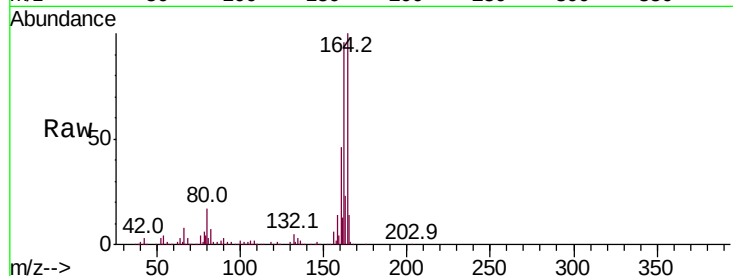
Tot Ion:164 Resp: 184939

Ion Ratio Lower Upper

164 100

162 96.2 78.7 118.1

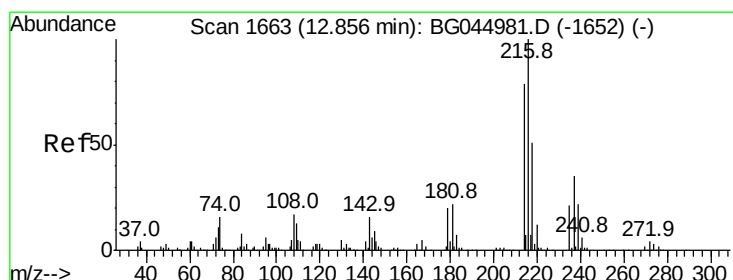
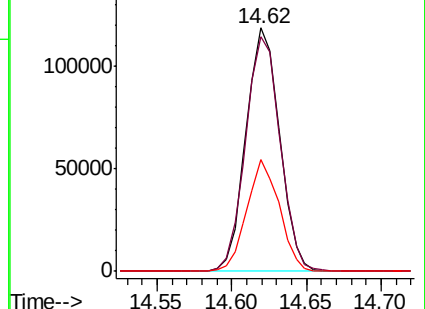
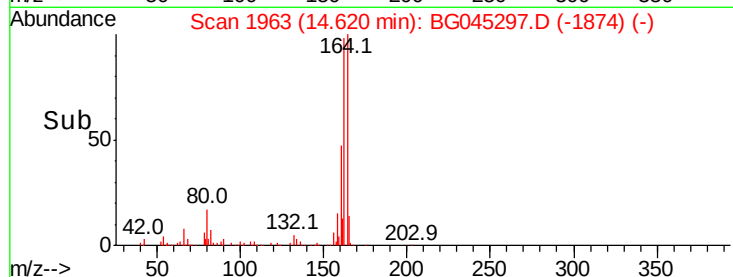
160 45.8 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.754 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:216 Resp: 224807

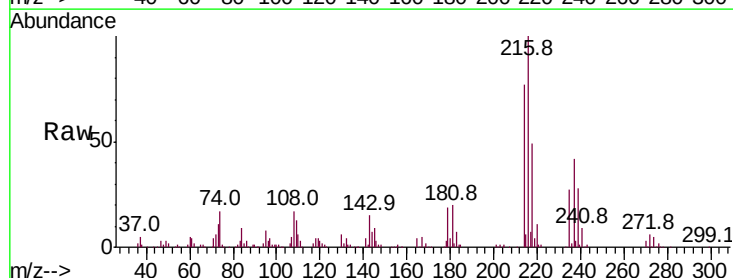
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.6

179 19.7 15.8 23.8

108 18.9 14.2 21.2

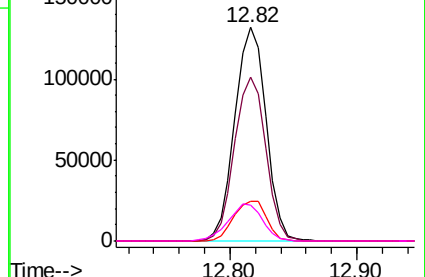
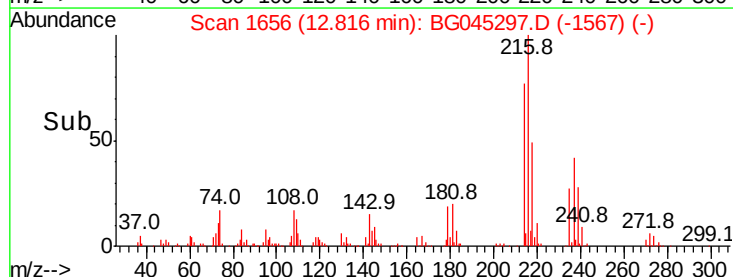


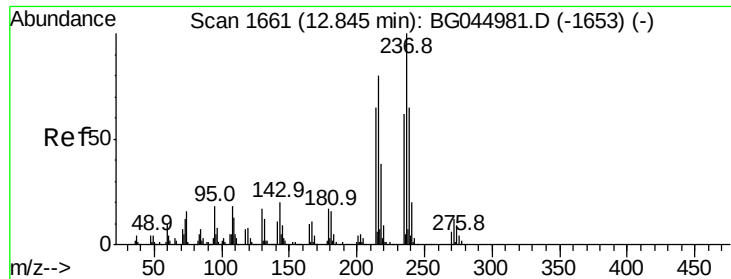
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

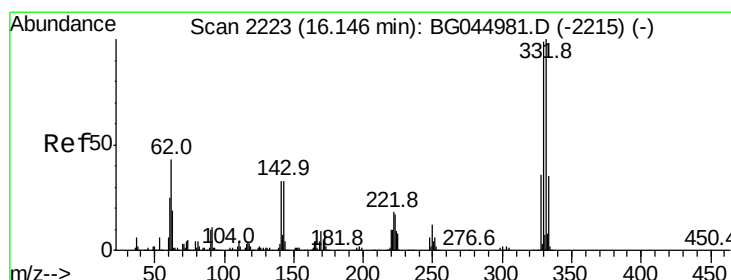
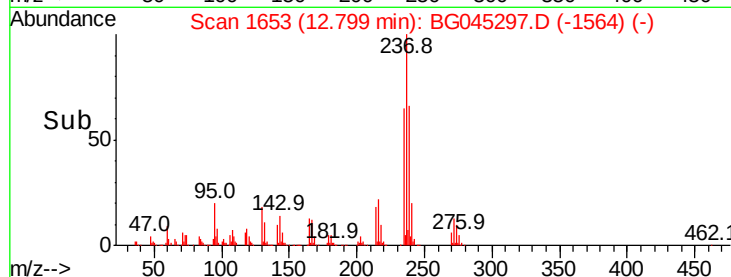
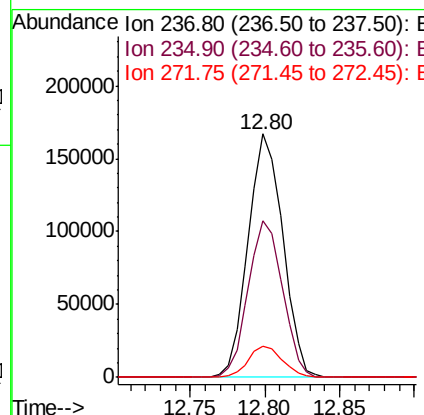
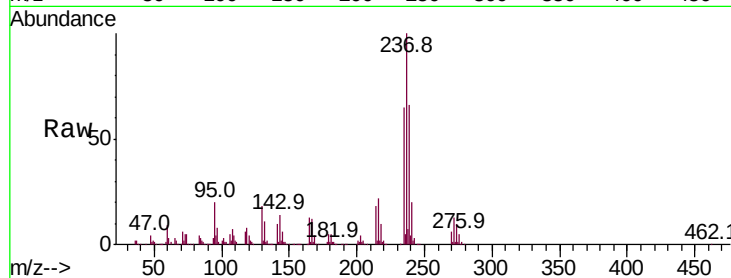




#41
 Hexachlorocyclopentadiene
 Concen: 72.127 ng
 RT: 12.80 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

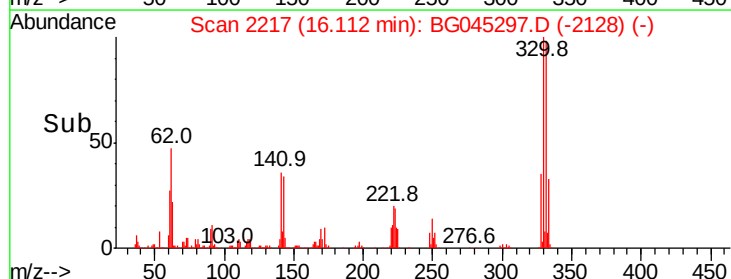
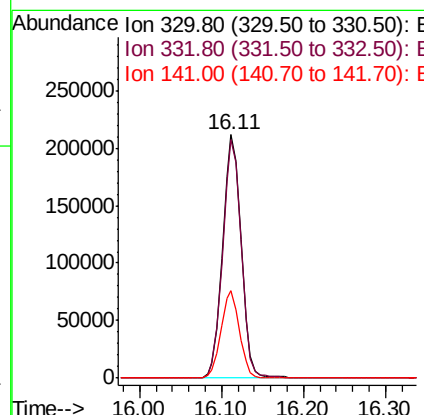
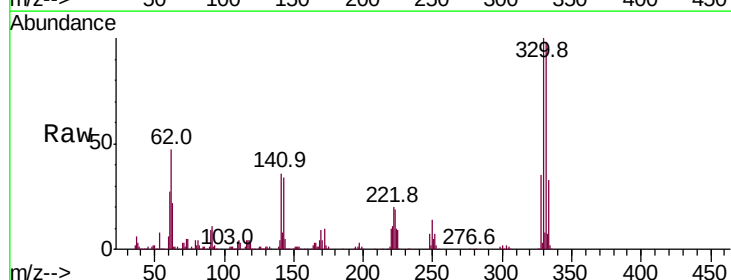
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

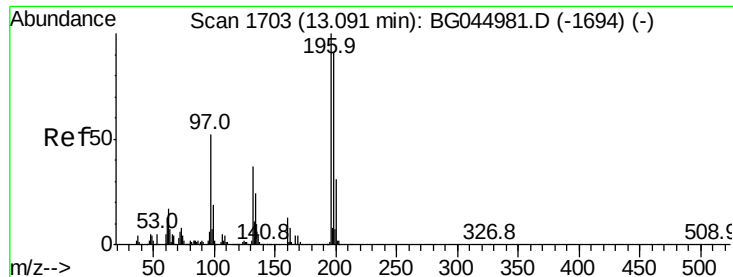
Tot Ion:	237	Resp:	268435
Ion	Ratio	Lower	Upper
237	100		
235	64.5	41.6	81.6
272	12.6	0.0	32.1



#42
 2,4,6-Tribromophenol
 Concen: 117.096 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion:	330	Resp:	334552
Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.1	118.7
141	35.5	27.1	40.7

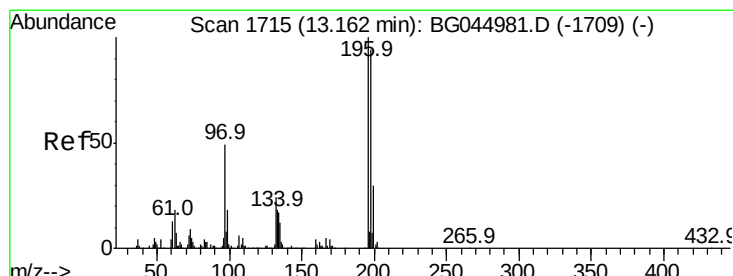
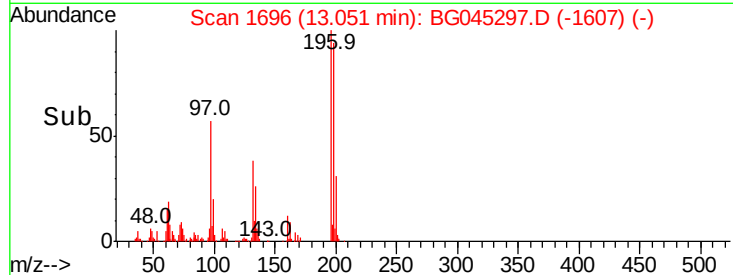
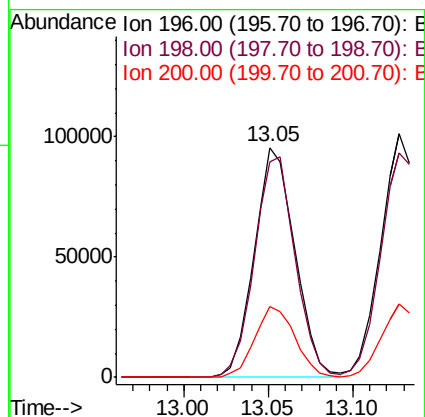
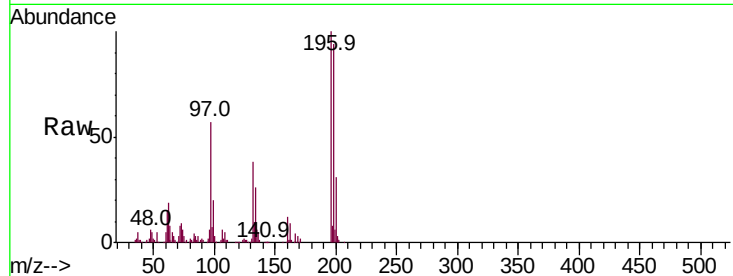




#43
 2,4,6-Trichlorophenol
 Concen: 37.848 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

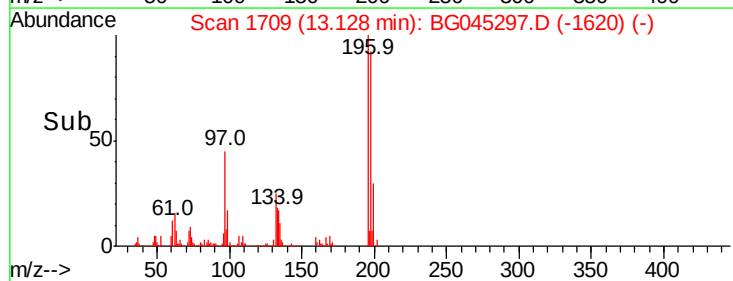
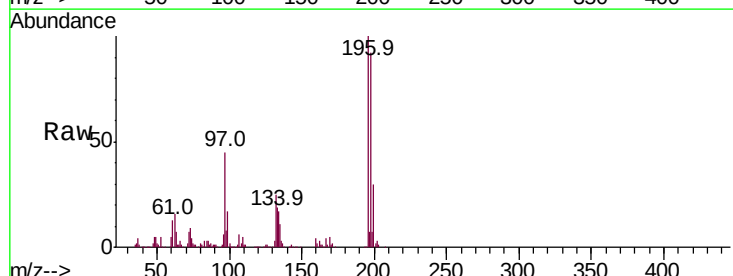
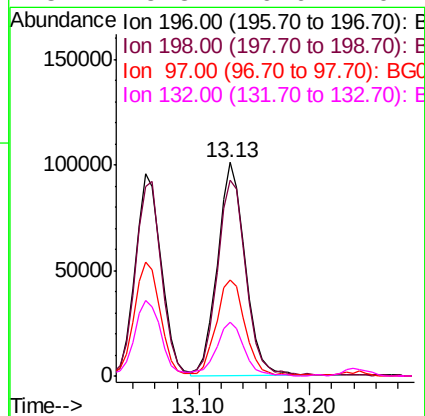
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

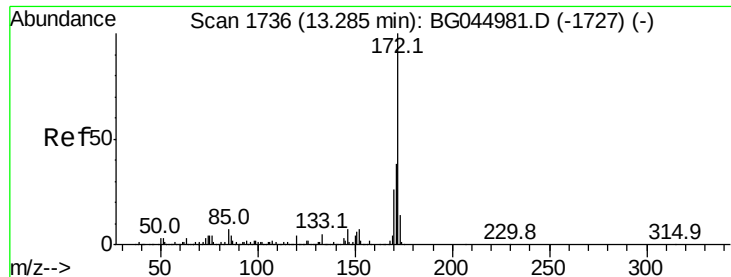
Tot Ion:	196	Resp:	159058
Ion	Ratio	Lower	Upper
196	100		
198	93.9	72.5	108.7
200	30.7	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 36.620 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion:	196	Resp:	175173
Ion	Ratio	Lower	Upper
196	100		
198	91.9	75.7	113.5
97	44.9	39.6	59.4
132	25.3	19.6	29.4





#45

2-Fluorobiphenyl

Concen: 77.760 ng

RT: 13.24 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

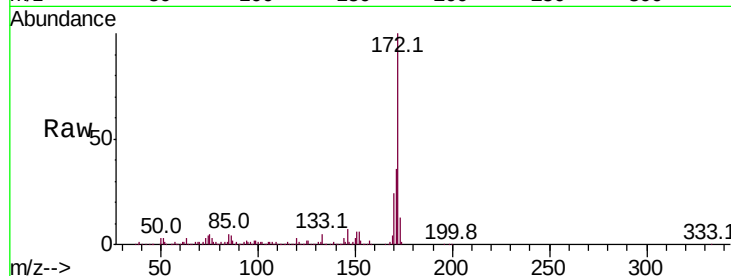
BNA_G

ClientSampleId :

HR-05-050720MS

Tot Ion:172 Resp: 980746

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	46.0
170	24.1	20.5	30.7

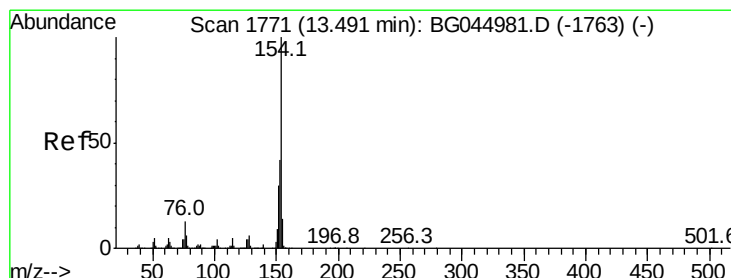
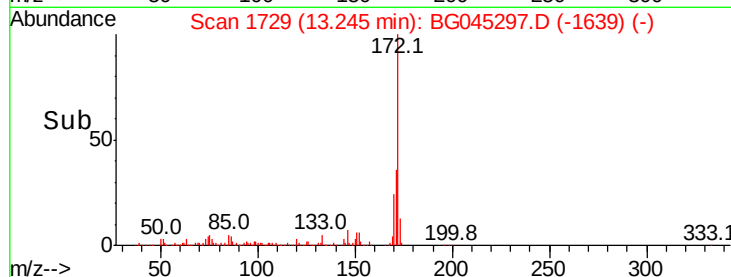
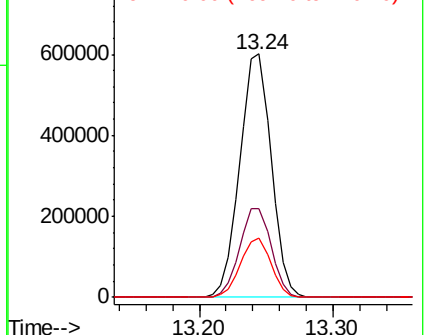


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.939 ng

RT: 13.46 min Scan# 1765

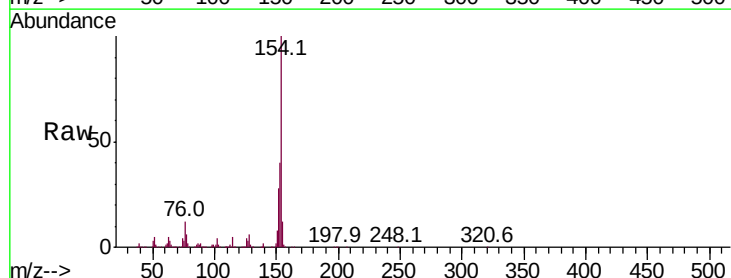
Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:154 Resp: 519235

Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.9	61.9
76	11.7	0.0	33.1

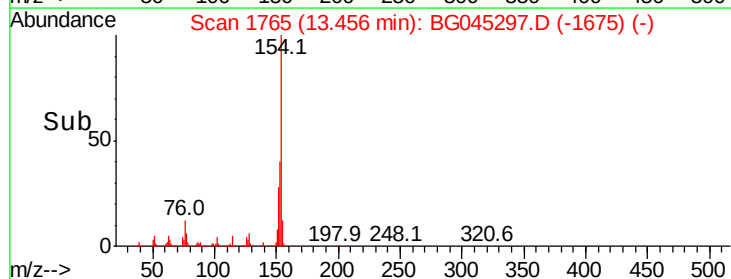
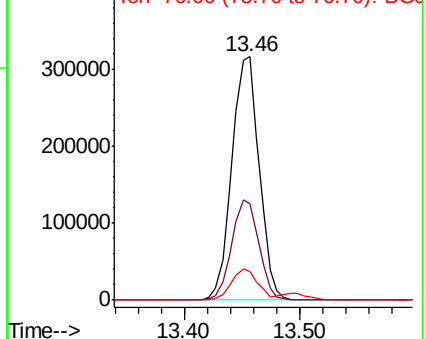


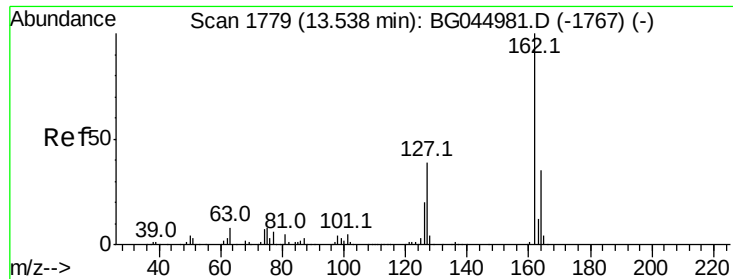
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





#47

2-Chloronaphthalene

Concen: 36.671 ng

RT: 13.49 min Scan# 1771

Delta R.T. -0.01 min

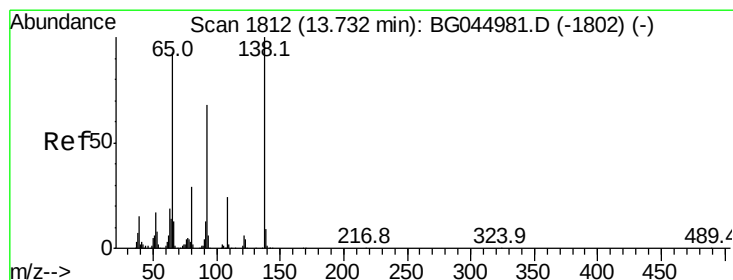
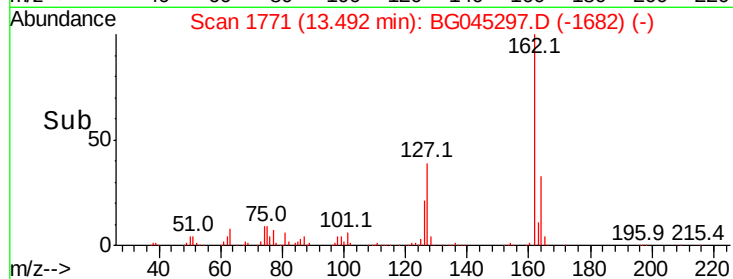
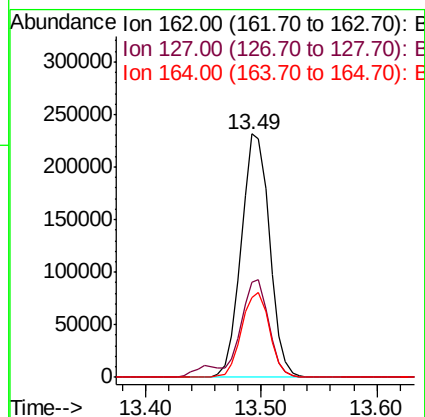
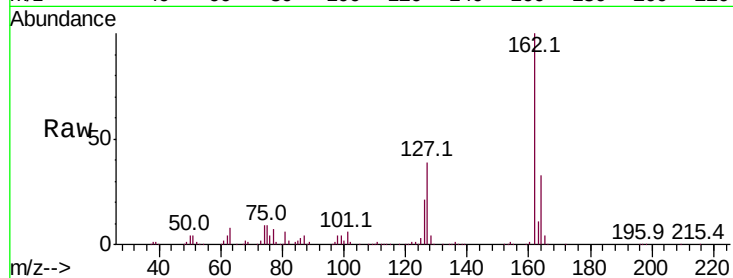
Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tot Ion:162 Resp: 393868

Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.3	46.9
164	32.9	27.8	41.8



#48

2-Nitroaniline

Concen: 37.956 ng

RT: 13.69 min Scan# 1805

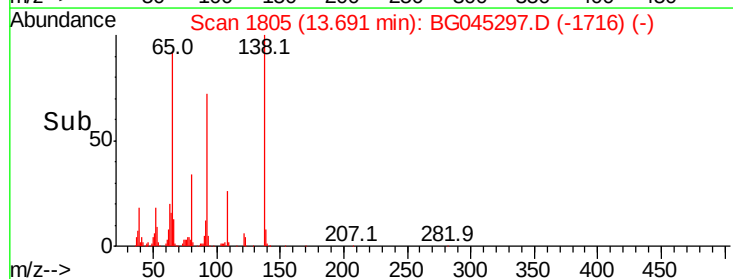
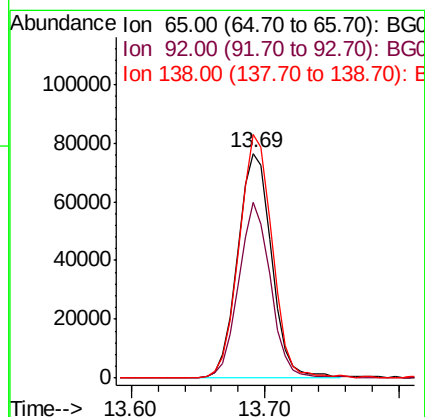
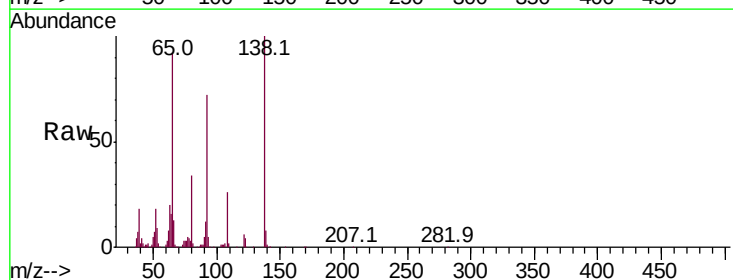
Delta R.T. -0.01 min

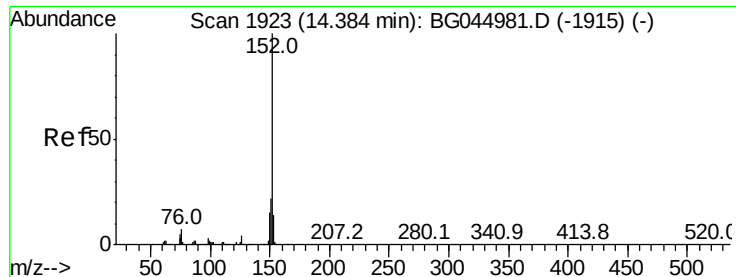
Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion: 65 Resp: 134132

Ion	Ratio	Lower	Upper
65	100		
92	78.2	58.3	87.5
138	108.4	85.6	128.4





#49

Acenaphthylene

Concen: 38.490 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

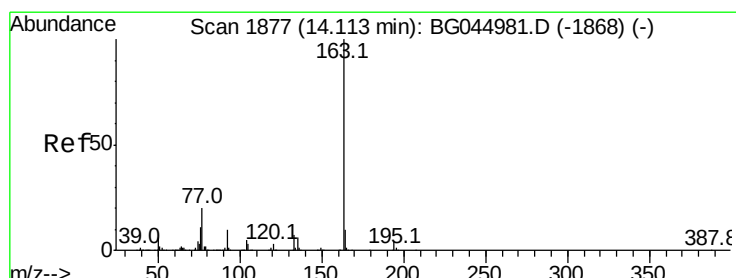
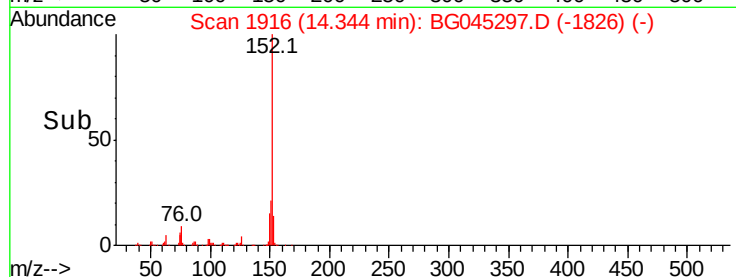
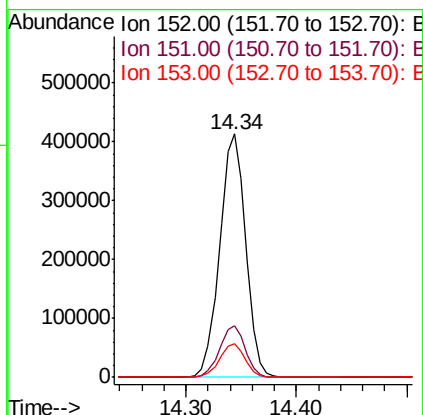
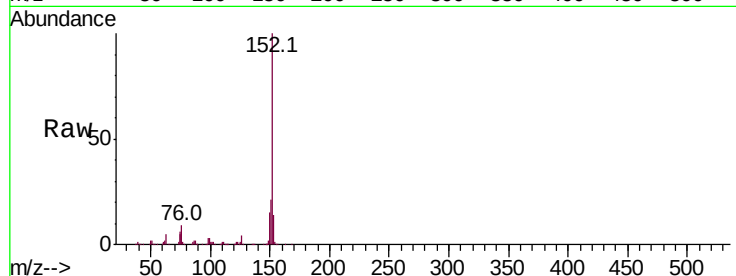
Tot Ion:152 Resp: 673389

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

153 14.1 11.0 16.4



#50

Dimethylphthalate

Concen: 49.178 ng

RT: 14.07 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

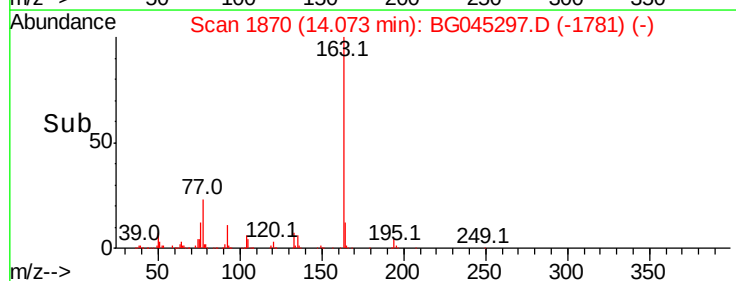
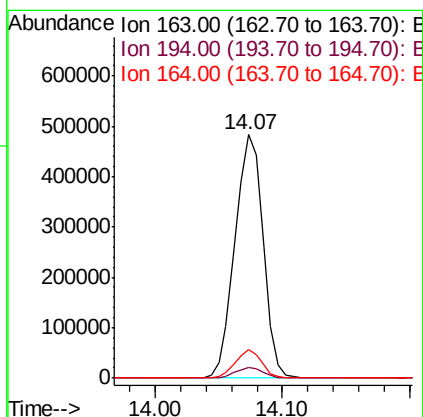
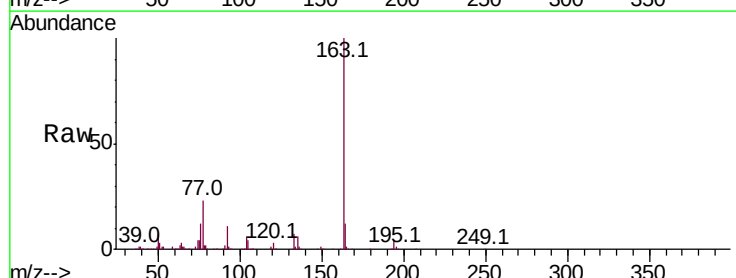
Tgt Ion:163 Resp: 740555

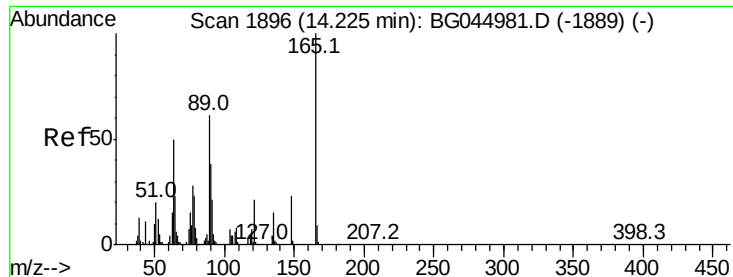
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 11.6 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 38.132 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

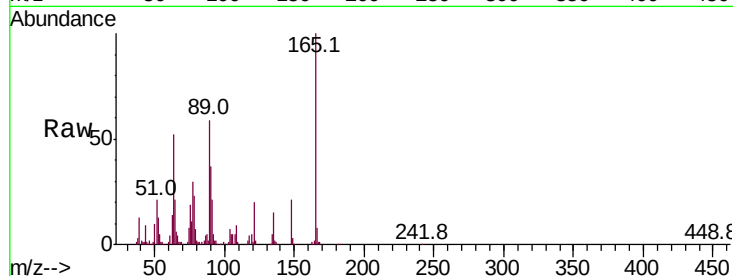
Tot Ion:165 Resp: 128434

Ion Ratio Lower Upper

165 100

63 52.3 40.4 60.6

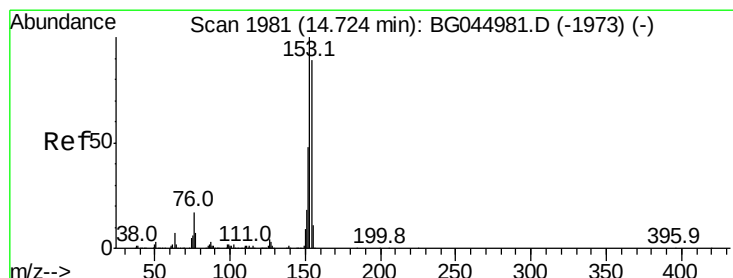
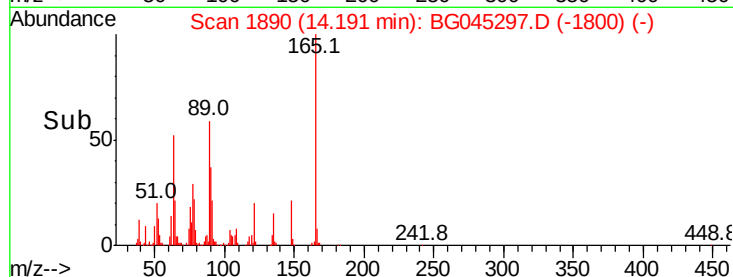
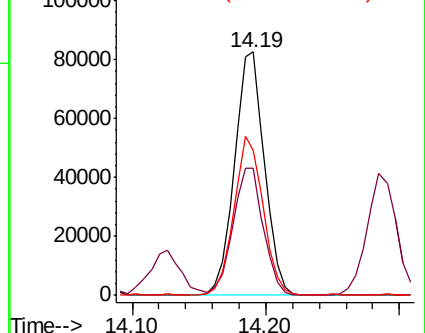
89 59.3 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 34.779 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

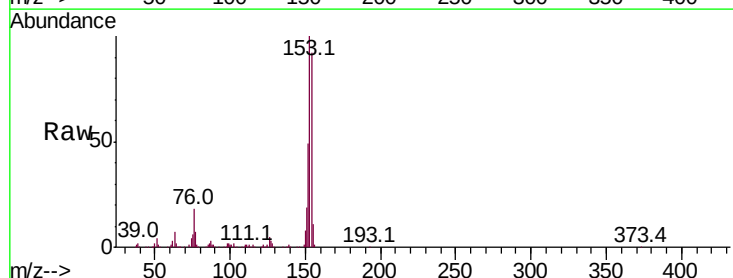
Tgt Ion:154 Resp: 411688

Ion Ratio Lower Upper

154 100

153 109.2 89.7 134.5

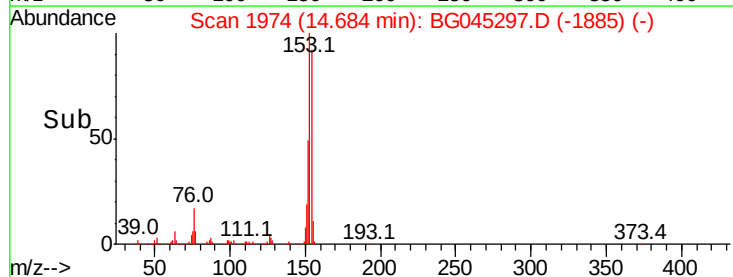
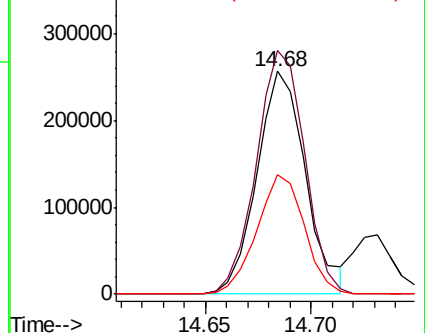
152 53.5 43.1 64.7

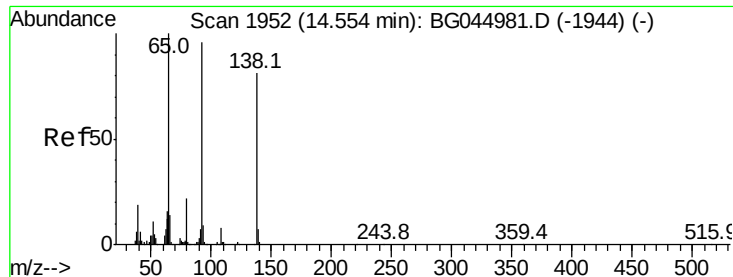


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 18.805 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

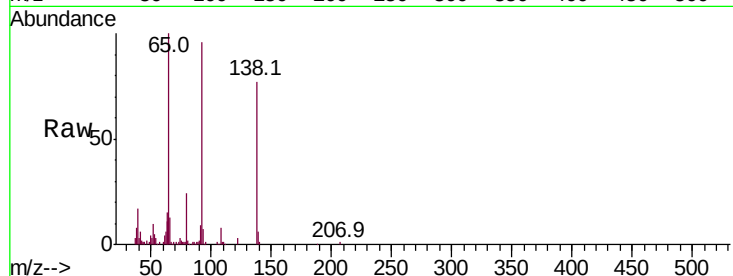
Tot Ion:138 Resp: 69467

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

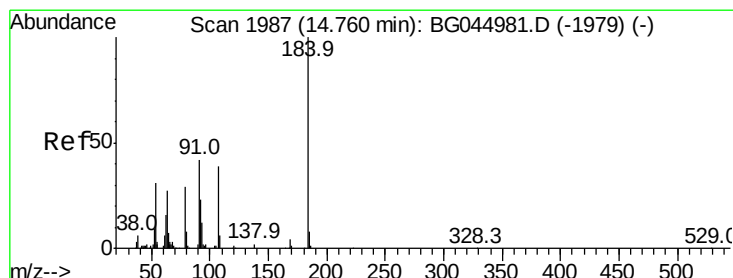
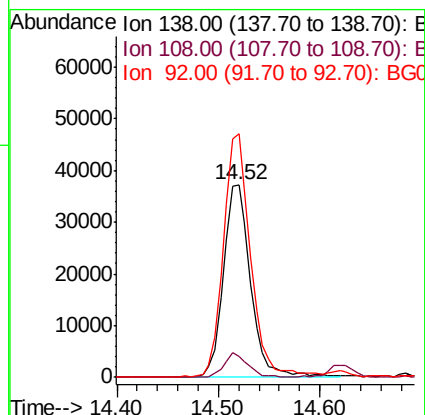
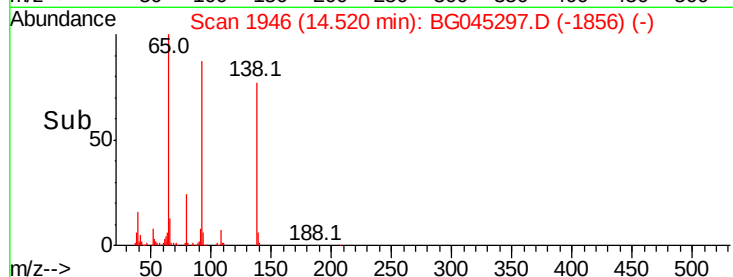
92 126.1 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 81.957 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

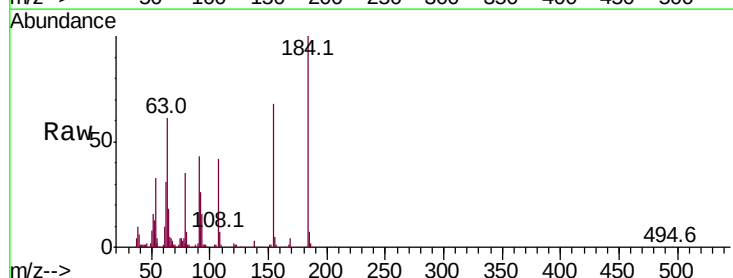
Tgt Ion:184 Resp: 164144

Ion Ratio Lower Upper

184 100

63 60.9 41.5 62.3

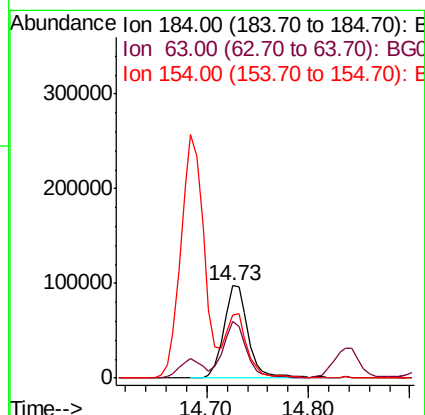
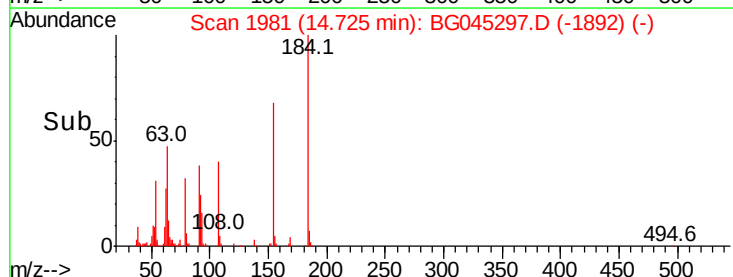
154 67.6 52.3 78.5

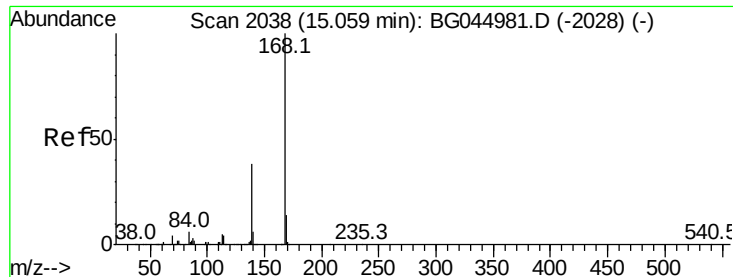


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 37.881 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

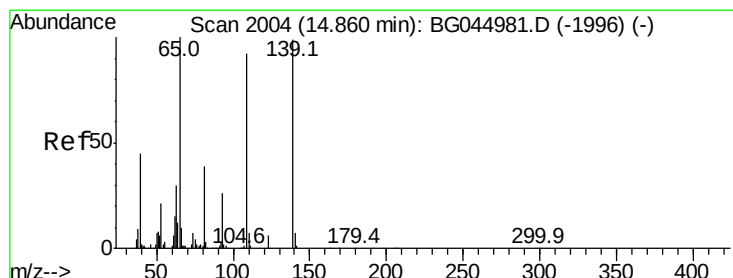
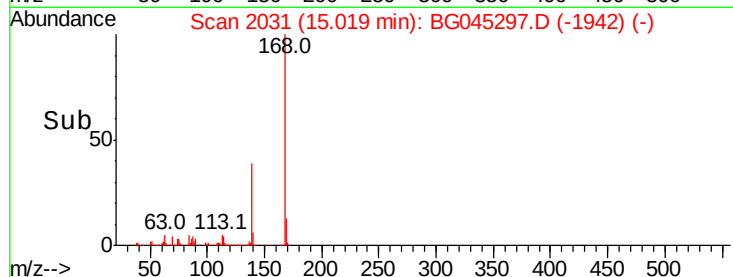
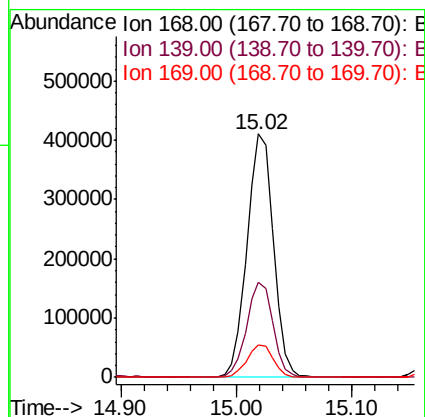
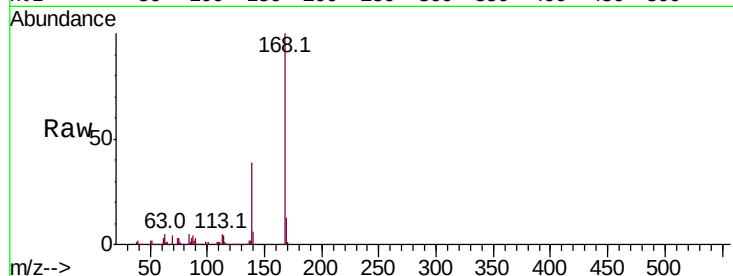
Tot Ion:168 Resp: 653731

Ion Ratio Lower Upper

168 100

139 39.2 30.4 45.6

169 13.1 11.0 16.4



#56

4-Nitrophenol

Concen: 63.684 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

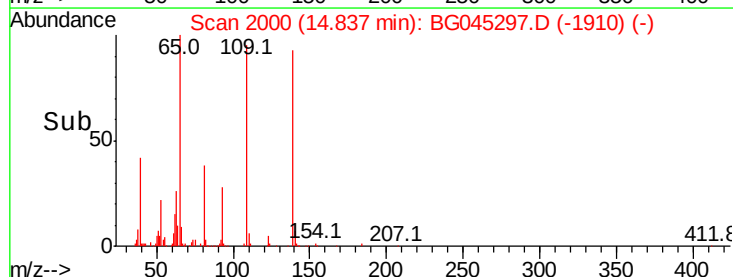
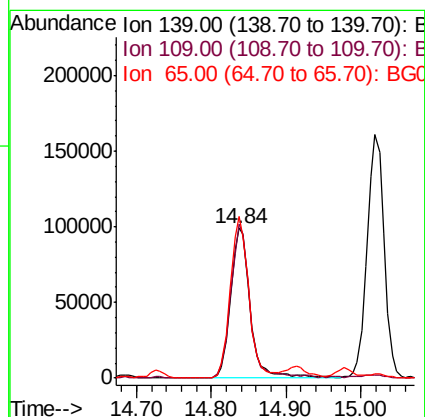
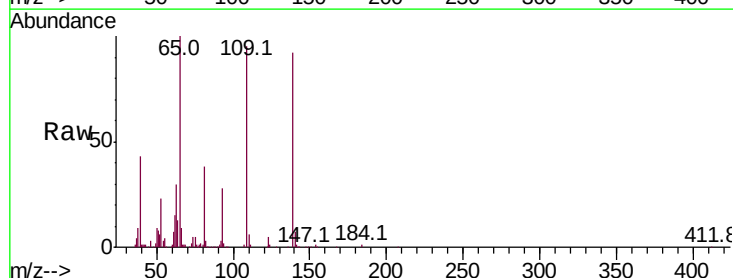
Tgt Ion:139 Resp: 182408

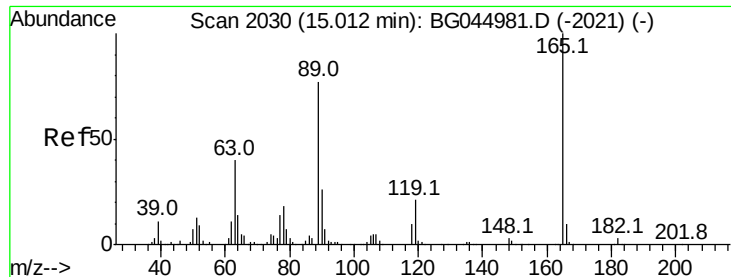
Ion Ratio Lower Upper

139 100

109 102.7 73.6 113.6

65 108.3 81.2 121.2

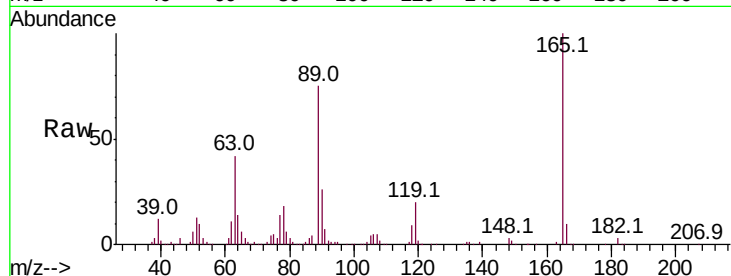




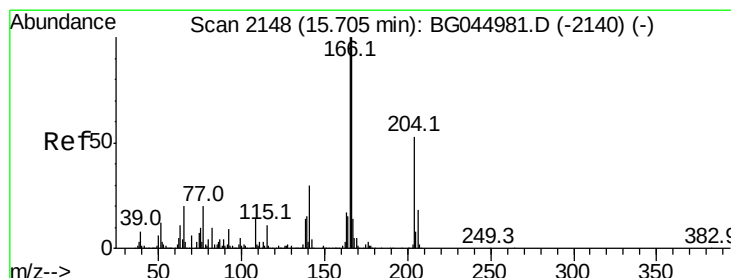
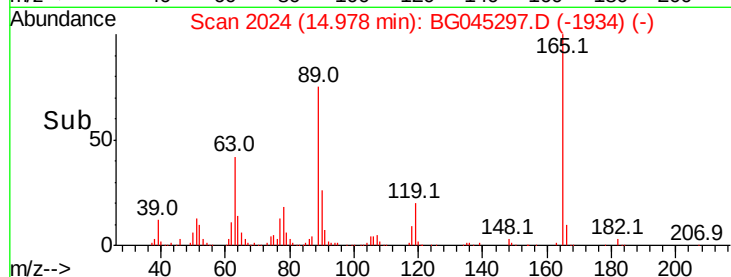
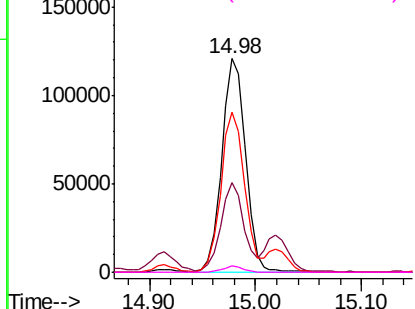
#57
2,4-Dinitrotoluene
Concen: 38.076 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

Tot Ion:165 Resp: 187421
Ion Ratio Lower Upper
165 100
63 41.9 32.2 48.2
89 74.9 61.7 92.5
182 3.1 2.0 3.0#

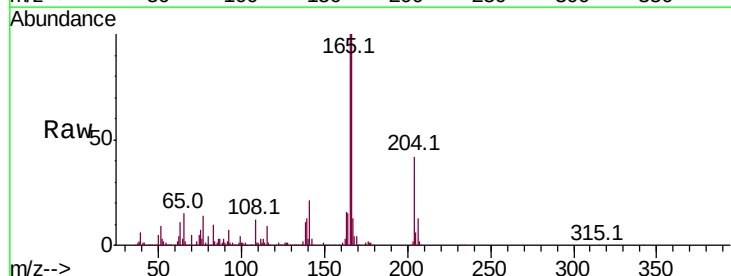


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

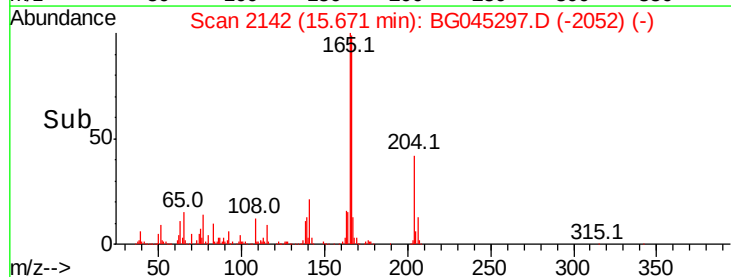
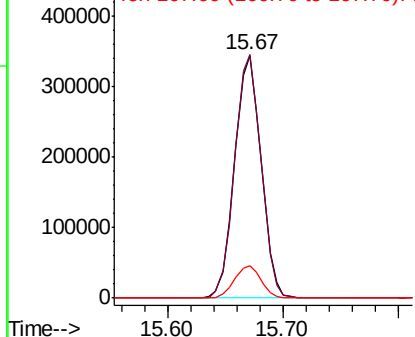


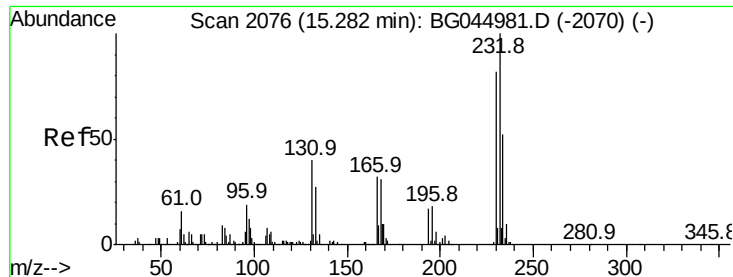
#58
Fluorene
Concen: 38.843 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion:166 Resp: 547545
Ion Ratio Lower Upper
166 100
165 100.4 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

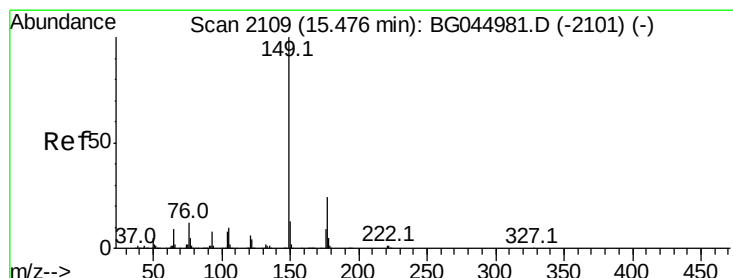
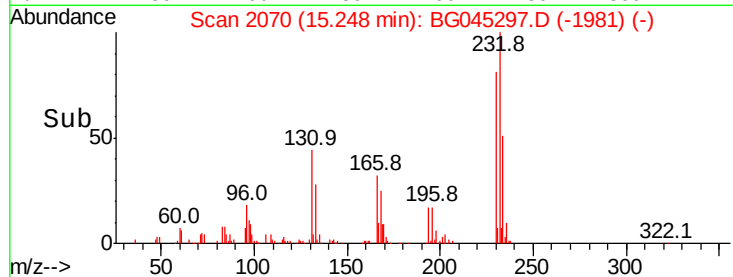
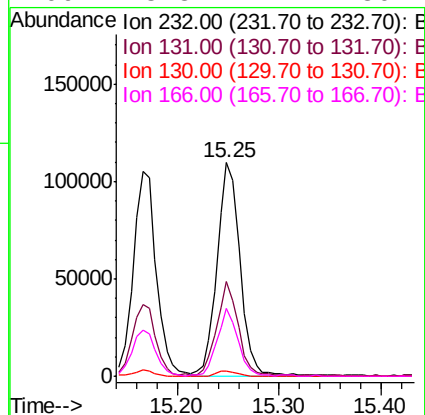
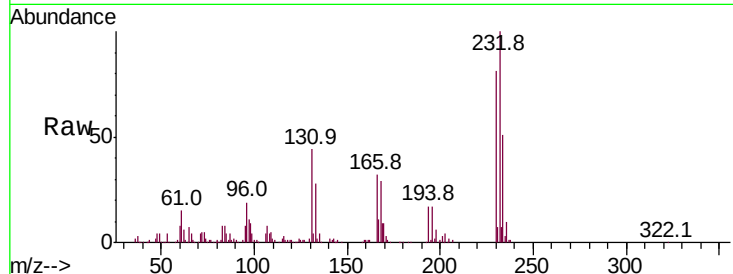




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.504 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

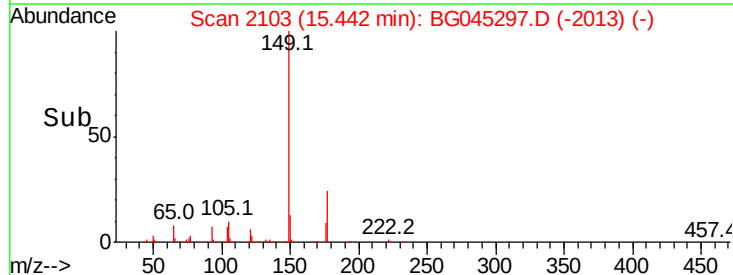
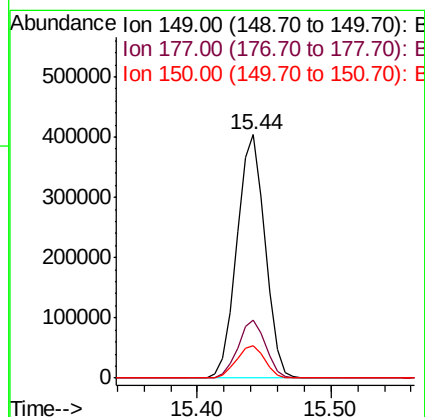
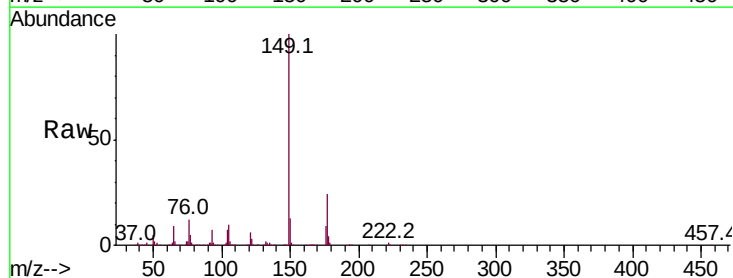
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

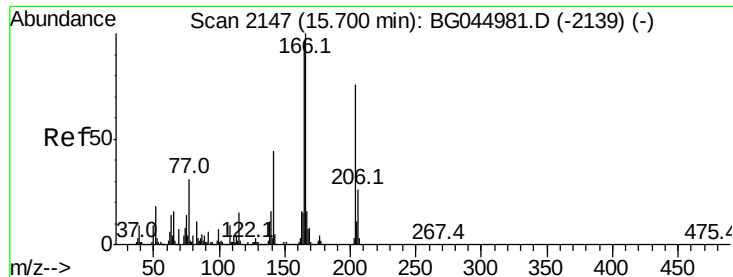
Tot Ion:	232	Resp:	172400
Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.2	48.2
130	2.4	2.2	3.2
166	28.3	24.2	36.4



#60
 Diethylphthalate
 Concen: 37.602 ng
 RT: 15.44 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion:	149	Resp:	590354
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.9	28.3
150	13.3	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 36.930 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

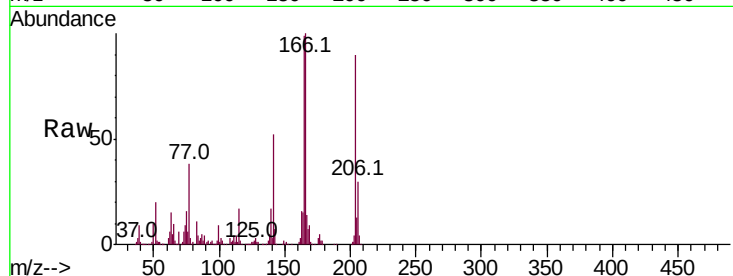
Tot Ion:204 Resp: 299640

Ion Ratio Lower Upper

204 100

206 33.9 26.9 40.3

141 57.7 46.3 69.5

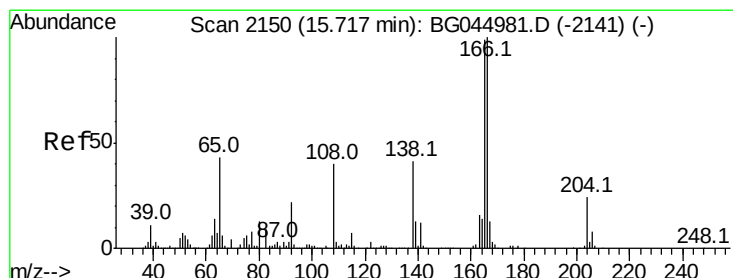
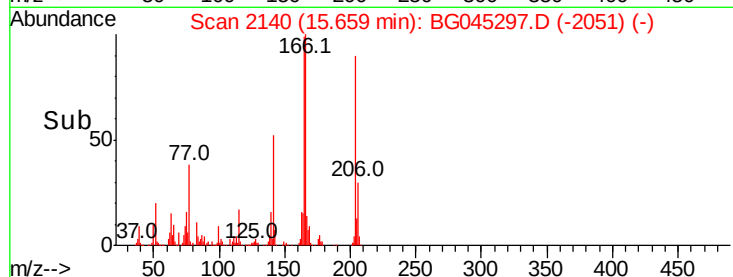
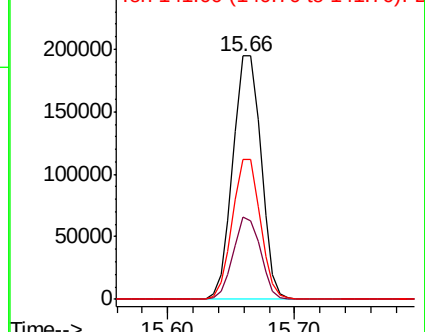


Abundance

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: 34.546 ng

RT: 15.68 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

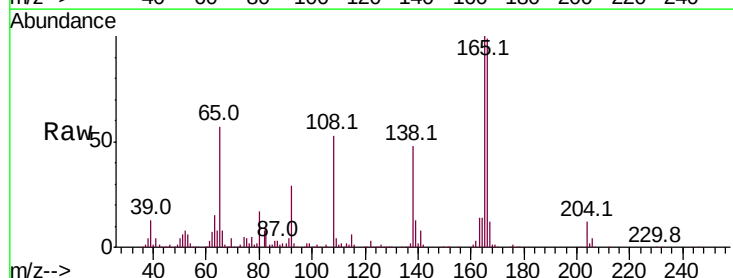
Tgt Ion:138 Resp: 132365

Ion Ratio Lower Upper

138 100

92 59.2 33.6 73.6

108 110.0 78.2 118.2

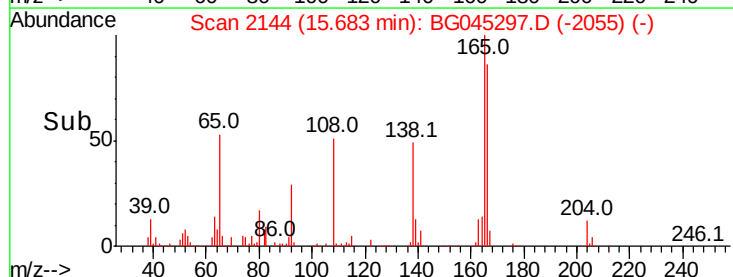
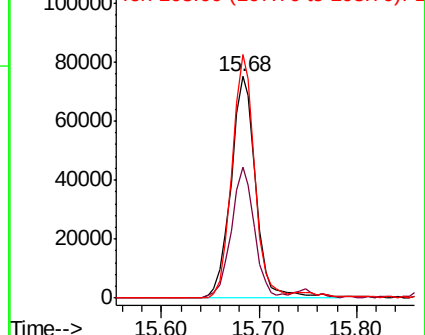


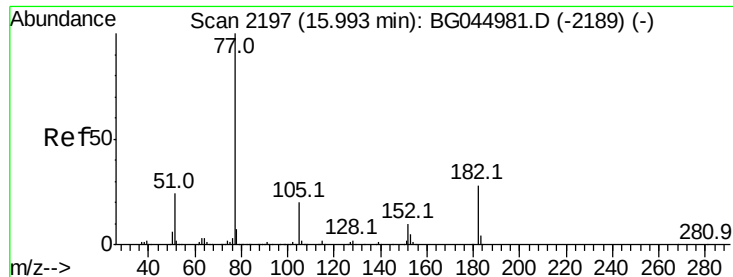
Abundance

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: 38.585 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

Tot Ion: 77 Resp: 558518

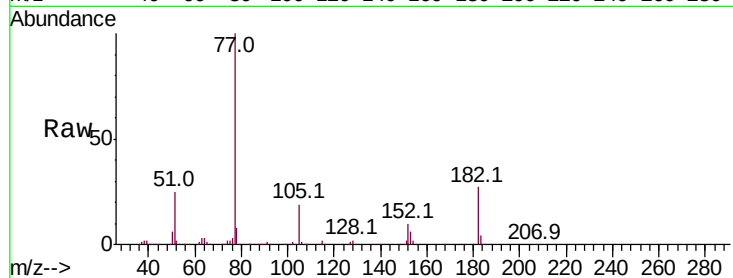
Ion Ratio Lower Upper

77 100

182 26.8 8.4 48.4

105 18.6 0.5 40.5

51 25.2 4.4 44.4



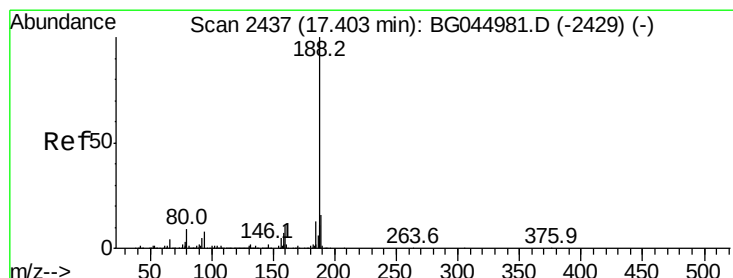
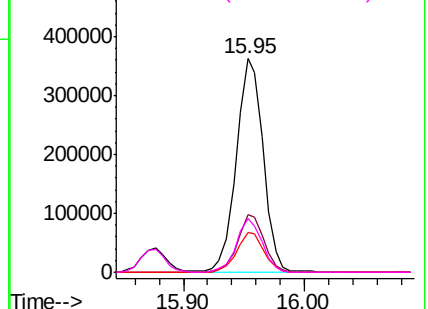
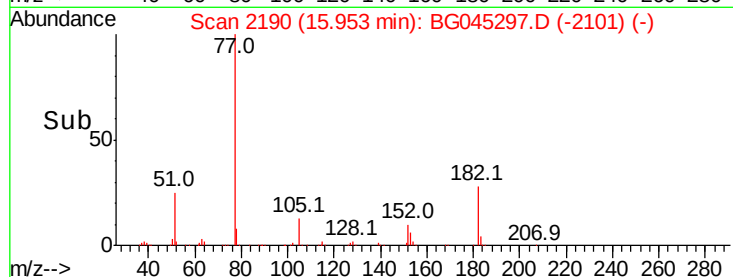
Abundance

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# 2431

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

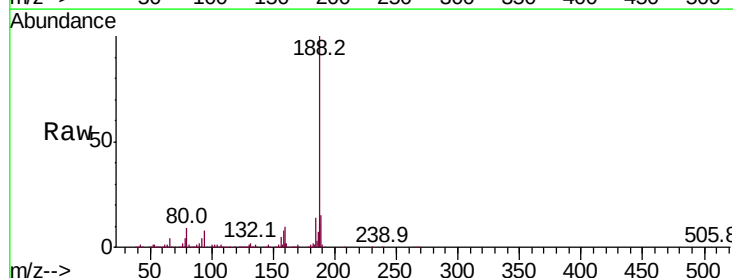
Tgt Ion: 188 Resp: 460364

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

80 8.5 7.0 10.6

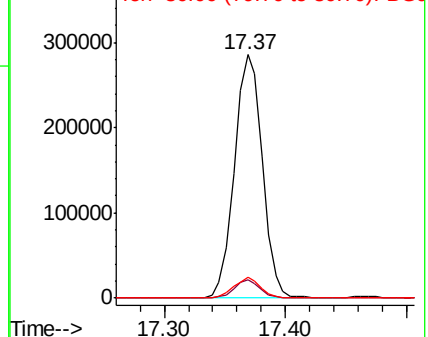
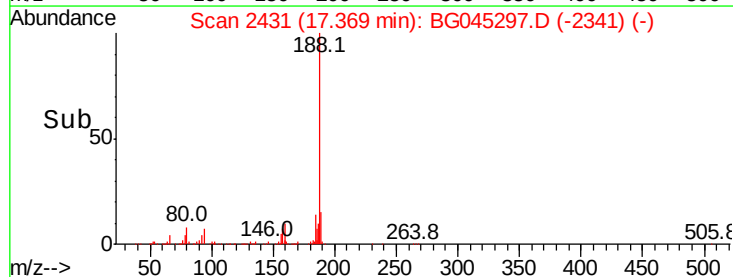


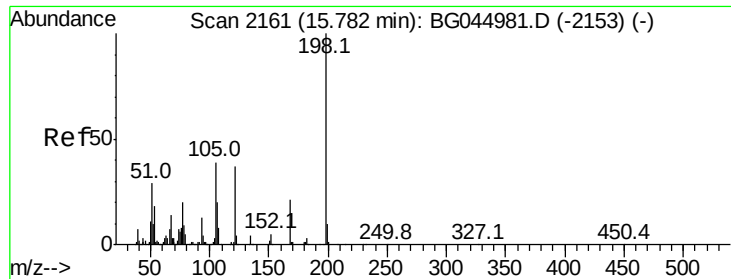
Abundance

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

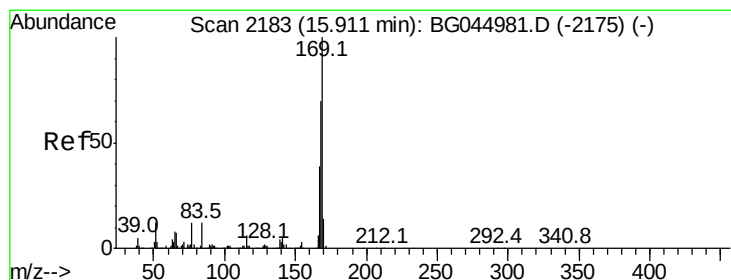
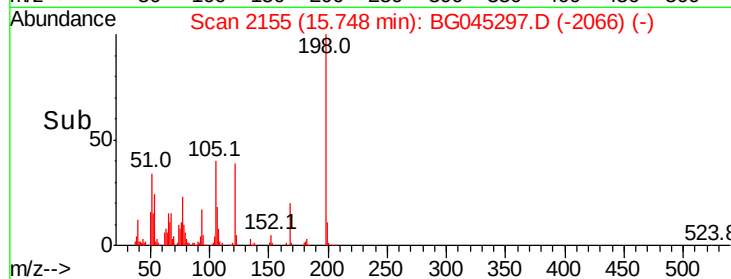
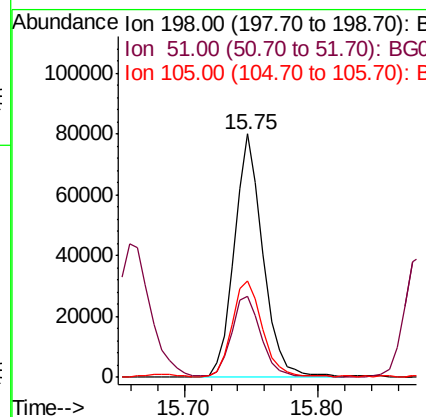
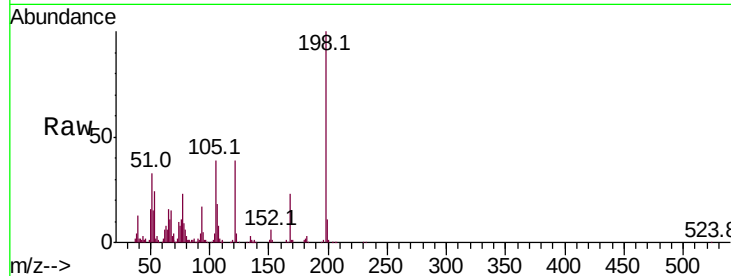




#65
4,6-Dinitro-2-methylphenol
Concen: 39.590 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

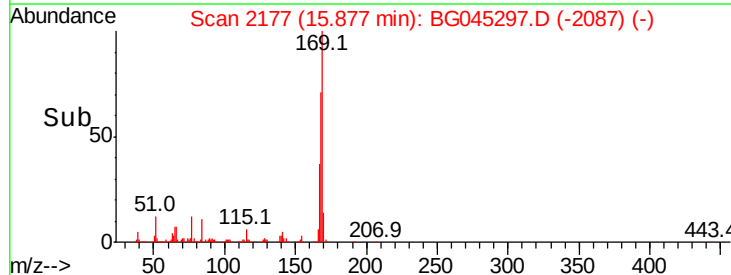
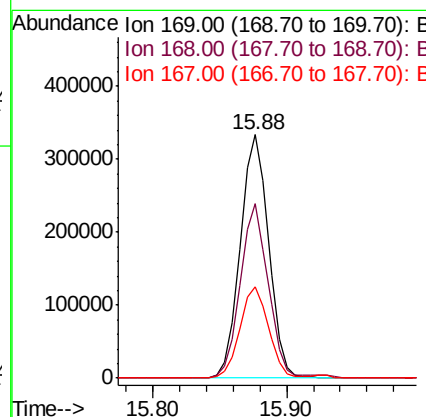
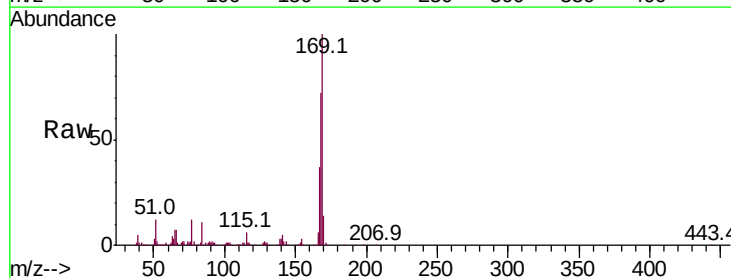
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

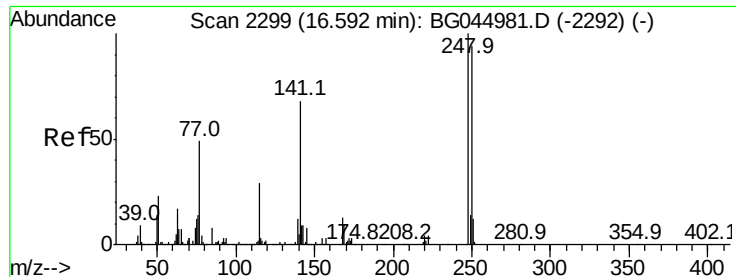
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.4	10.0	50.0
105	39.4	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 37.135 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.5	55.8	83.8
167	37.3	30.8	46.2

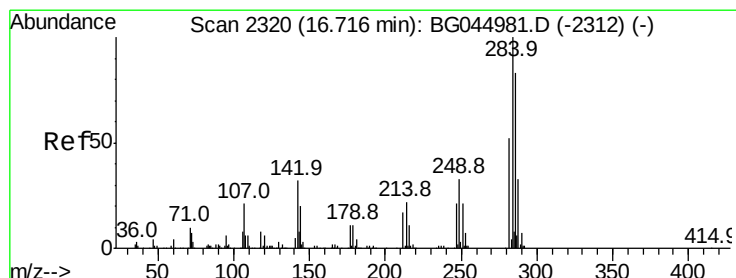
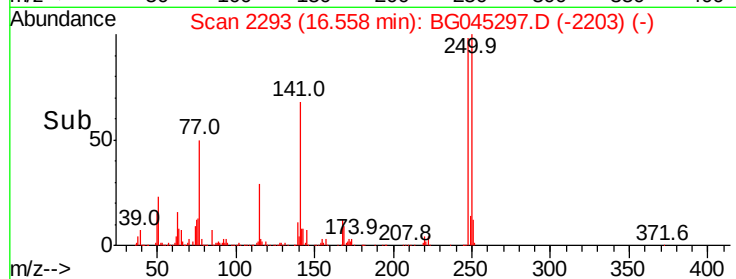
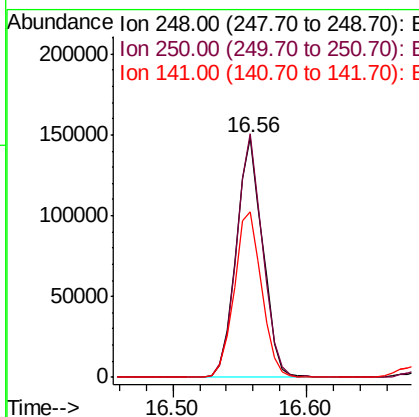
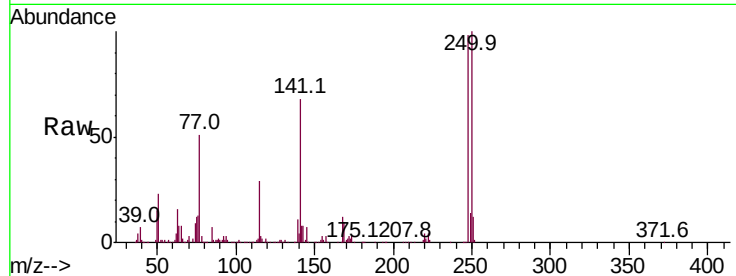




#67
4-Bromophenyl-phenylether
Concen: 34.288 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

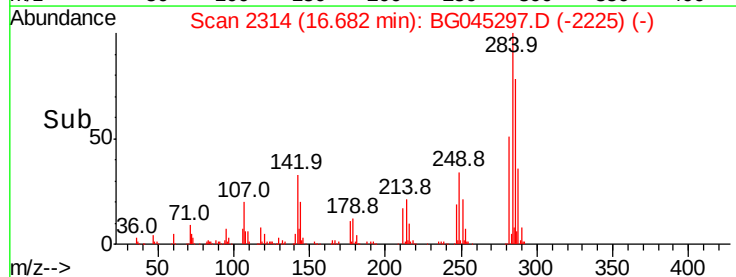
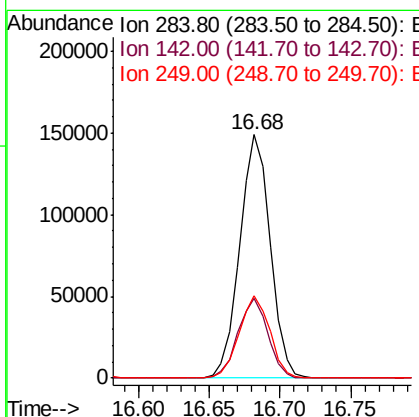
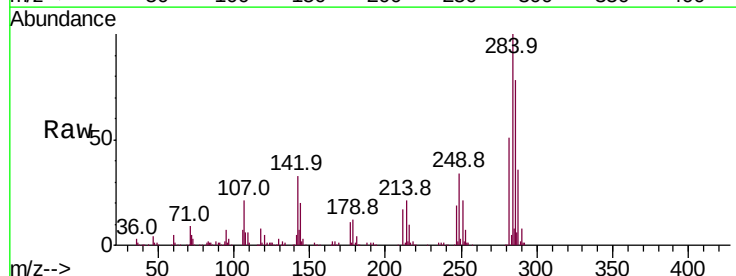
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

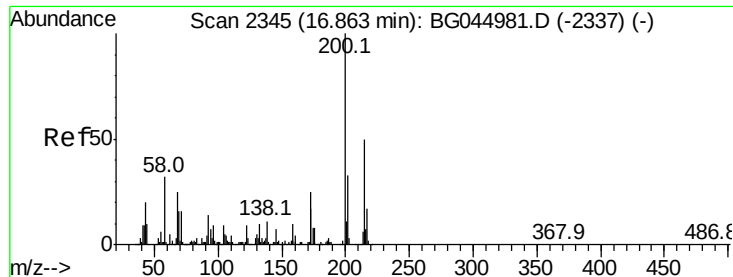
Tot Ion	Ratio	Lower	Upper
248	100		
250	101.7	75.4	113.2
141	68.9	54.4	81.6



#68
Hexachlorobenzene
Concen: 36.532 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.8	38.6
249	33.8	26.6	39.8





#69

Atrazine

Concen: 40.183 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

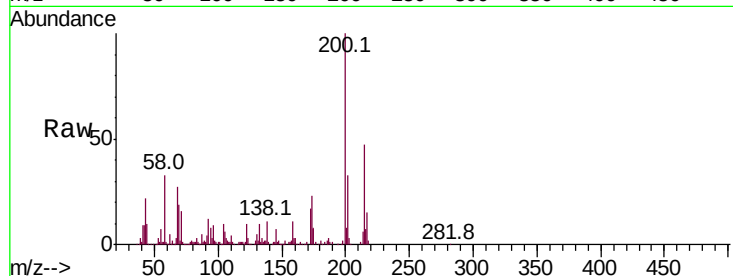
Tot Ion:200 Resp: 196328

Ion Ratio Lower Upper

200 100

173 23.0 4.5 44.5

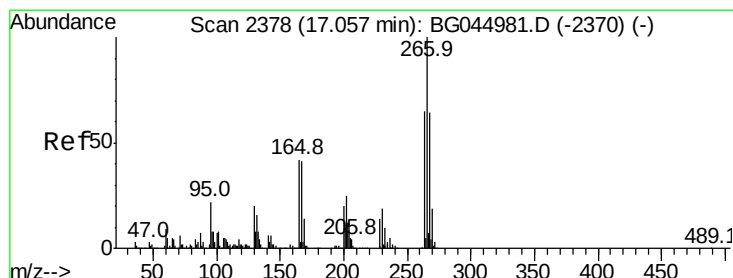
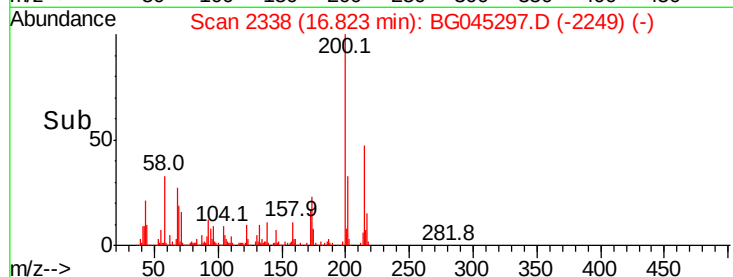
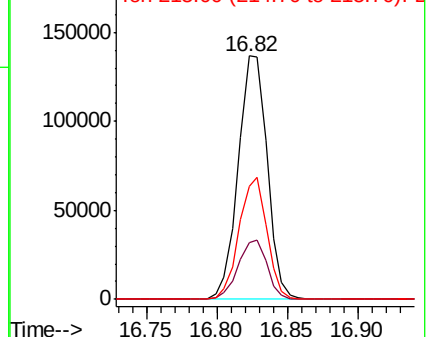
215 46.7 30.0 70.0



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



#70

Pentachlorophenol

Concen: 72.058 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

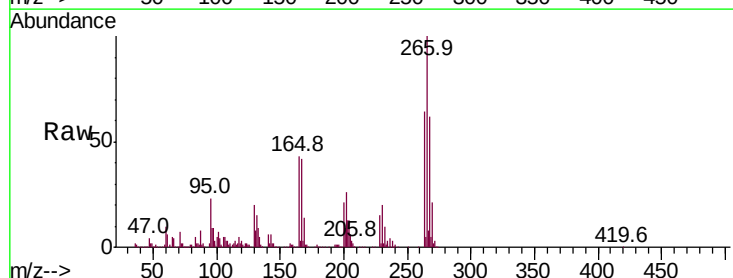
Tgt Ion:266 Resp: 272281

Ion Ratio Lower Upper

266 100

268 61.7 51.5 77.3

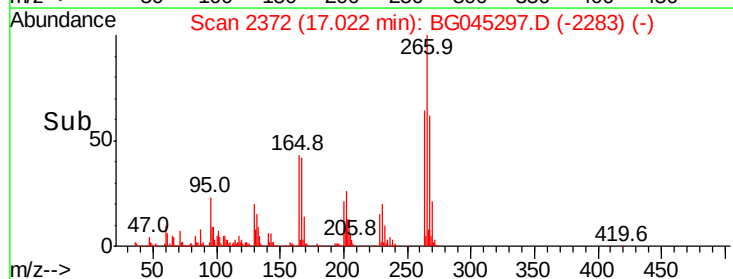
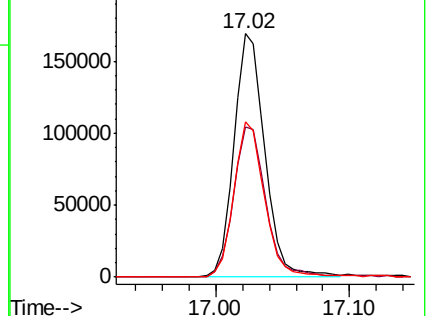
264 63.6 52.2 78.4

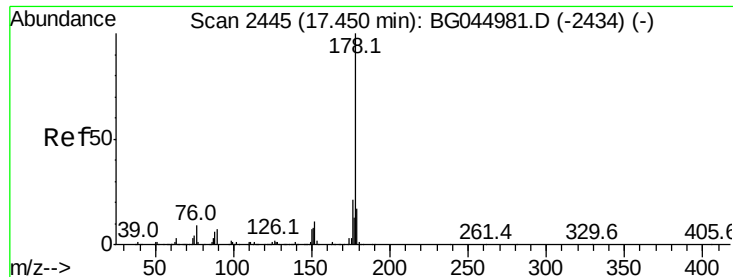


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

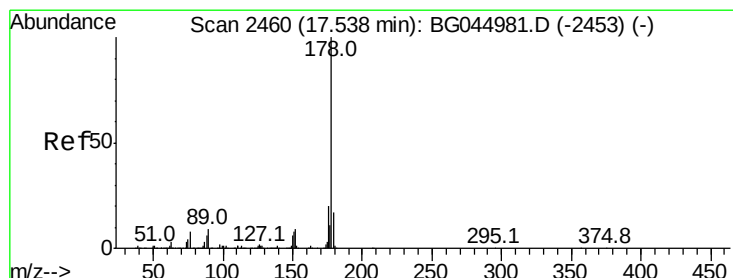
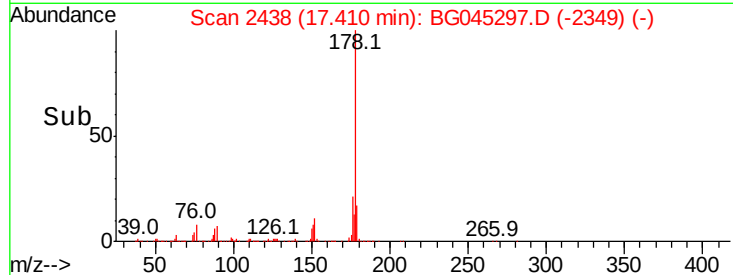
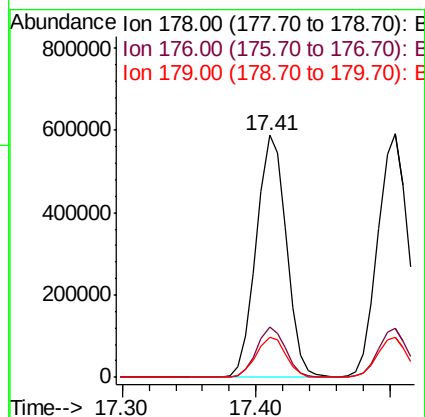
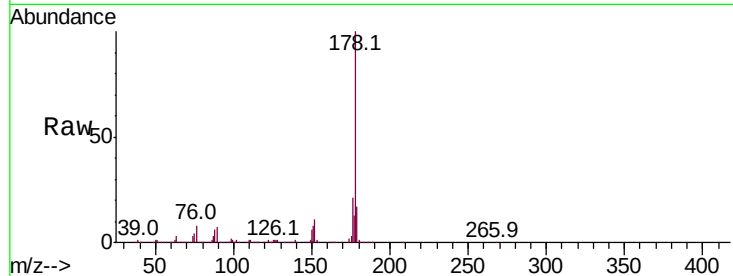




#71
Phenanthrene
Concen: 38.570 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

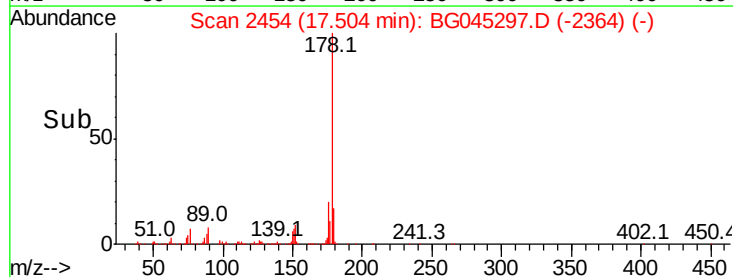
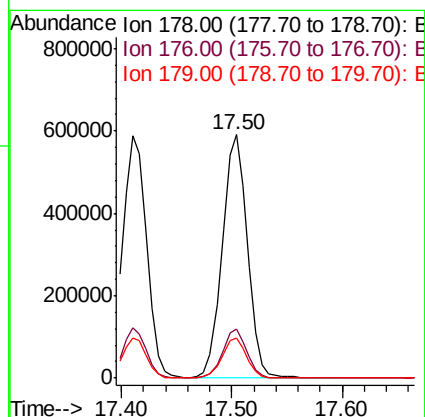
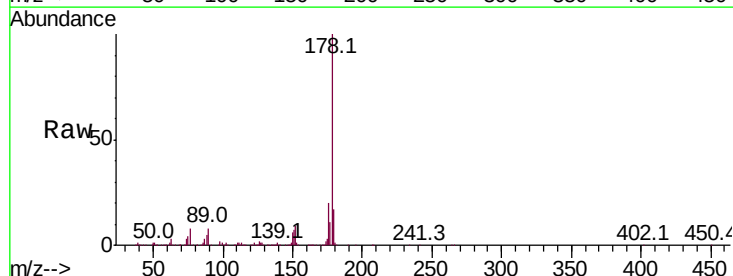
Instrument :
BNA_G
ClientSampleId :
HR-05-050720MS

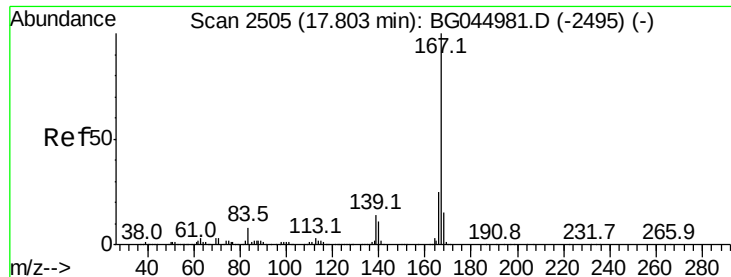
Tot Ion:178 Resp: 912449
Ion Ratio Lower Upper
178 100
176 20.6 16.8 25.2
179 16.6 13.2 19.8



#72
Anthracene
Concen: 39.281 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG045297.D
Acq: 11 May 2020 15:24

Tgt Ion:178 Resp: 932144
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.5 13.6 20.4

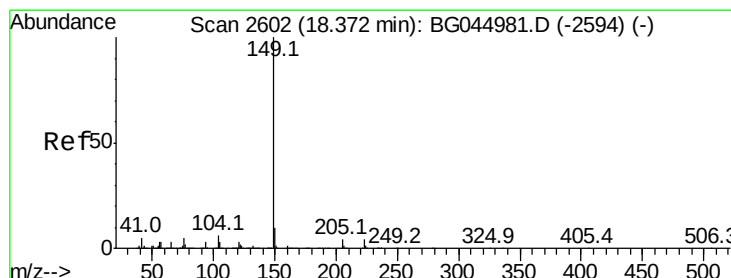
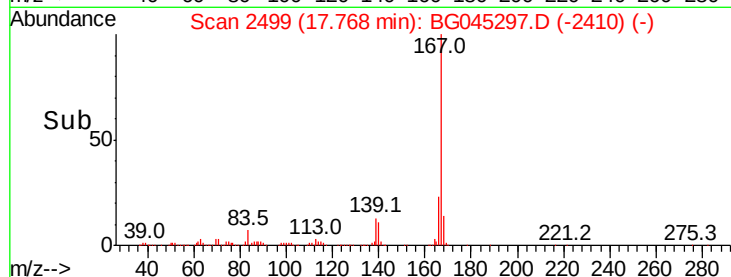
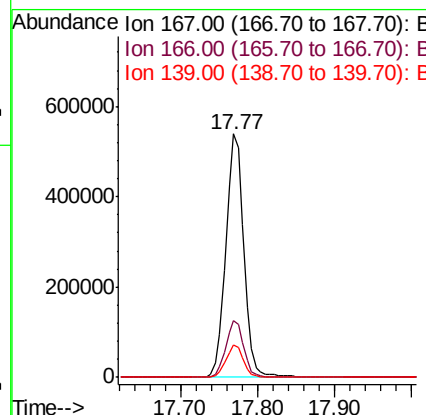
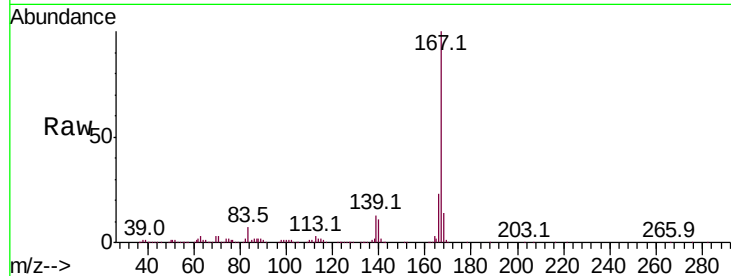




#73
 Carbazole
 Concen: 36.352 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

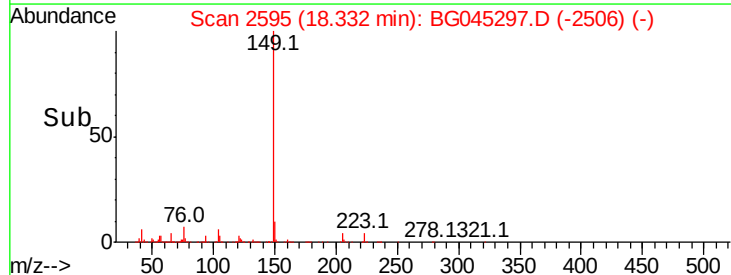
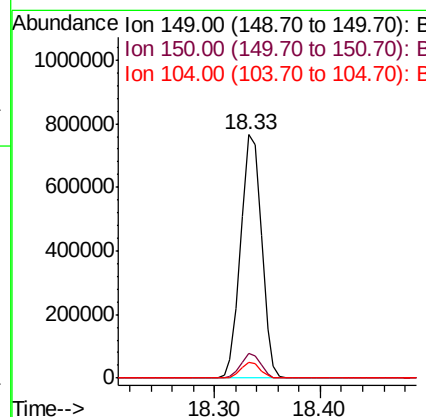
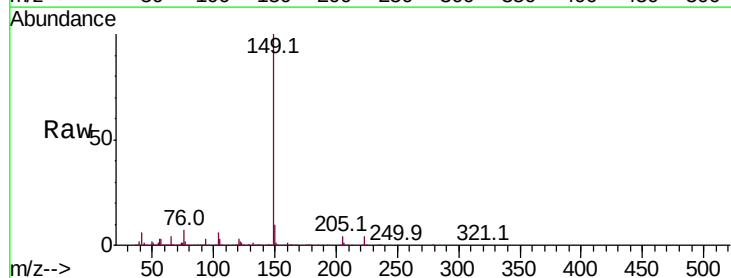
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720MS

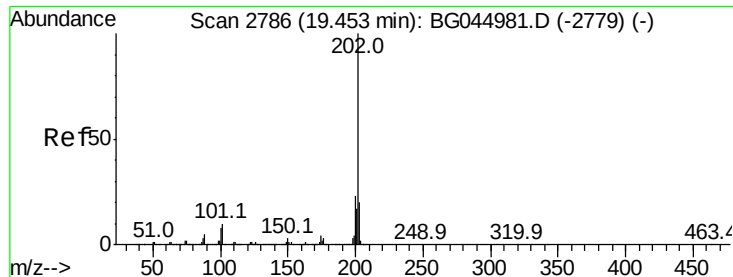
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.8	29.6
139	13.5	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 38.910 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG045297.D
 Acq: 11 May 2020 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 40.923 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

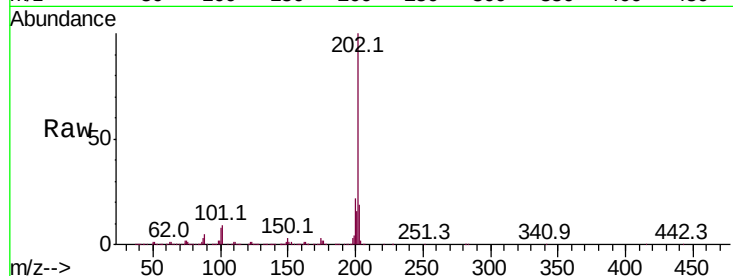
Tot Ion:202 Resp: 1153453

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.6
203	18.7	0.0	39.7

202 100

101 9.2 0.0 29.6

203 18.7 0.0 39.7

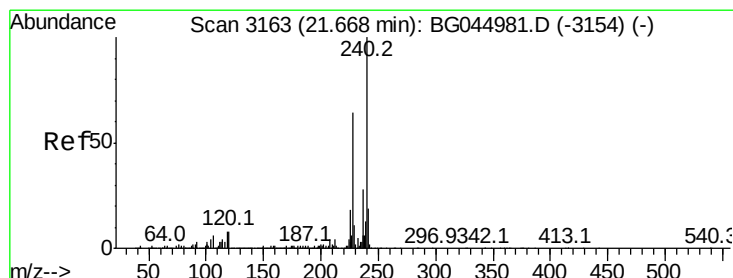
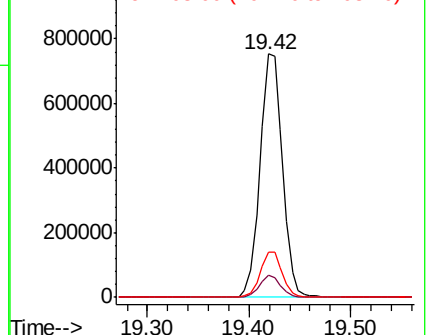
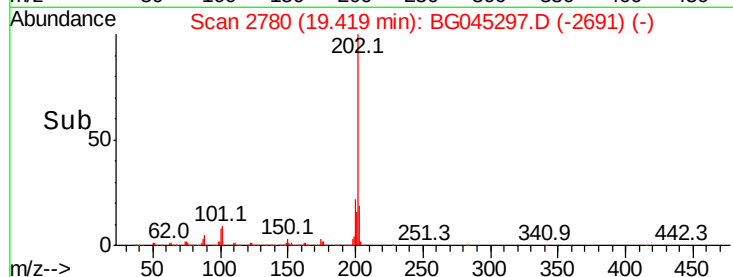


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

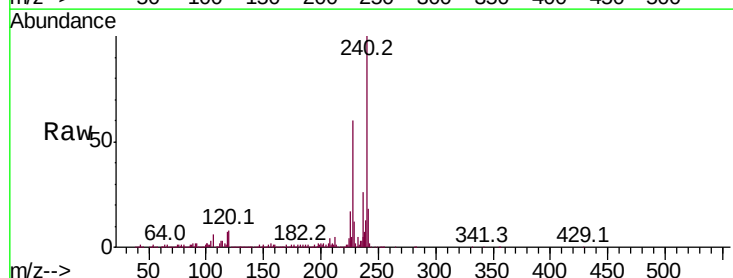
Tgt Ion:240 Resp: 448258

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.6	10.0
236	25.7	22.2	33.2

240 100

120 7.8 6.6 10.0

236 25.7 22.2 33.2

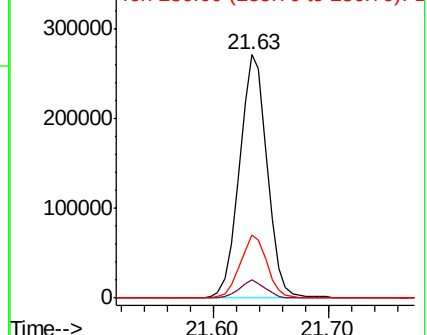
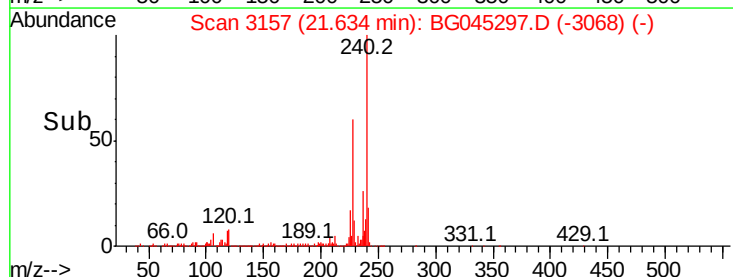


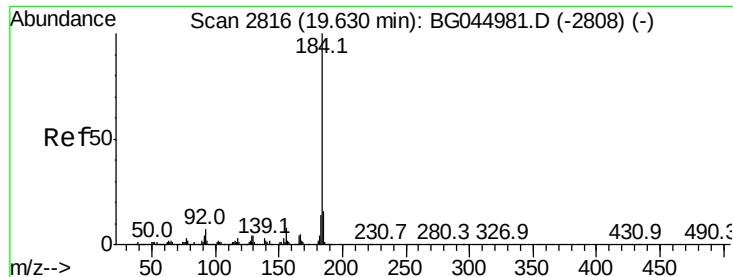
Abundance

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: 24.240 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

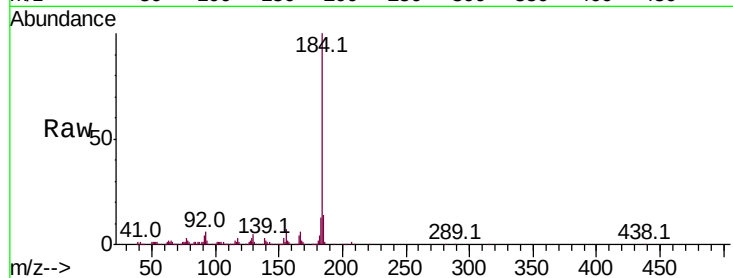
Tot Ion:184 Resp: 350386

Ion Ratio Lower Upper

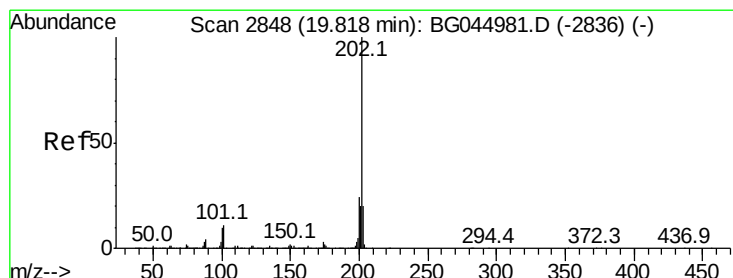
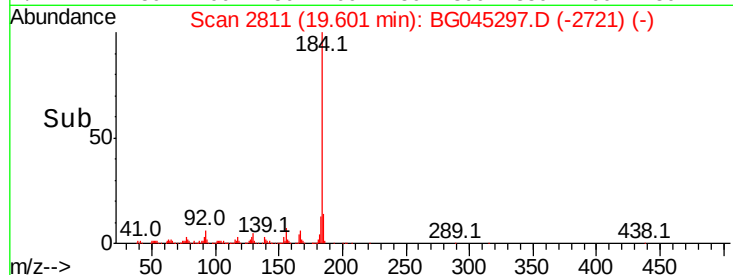
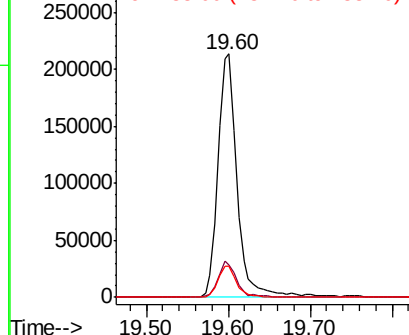
184 100

185 13.5 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: 37.130 ng

RT: 19.78 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

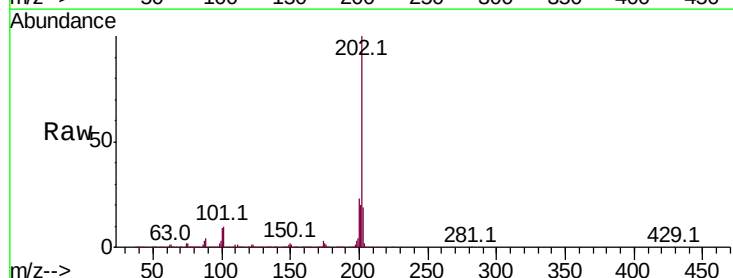
Tgt Ion:202 Resp: 1147429

Ion Ratio Lower Upper

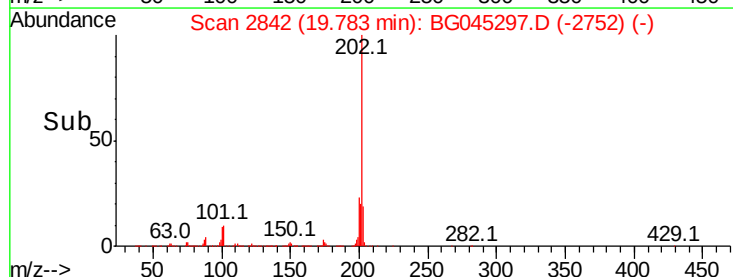
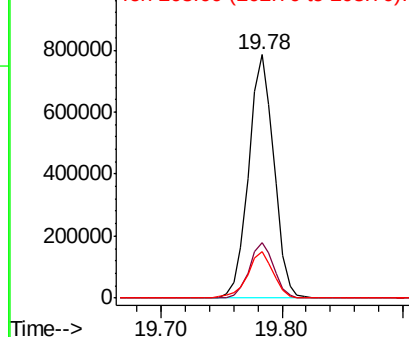
202 100

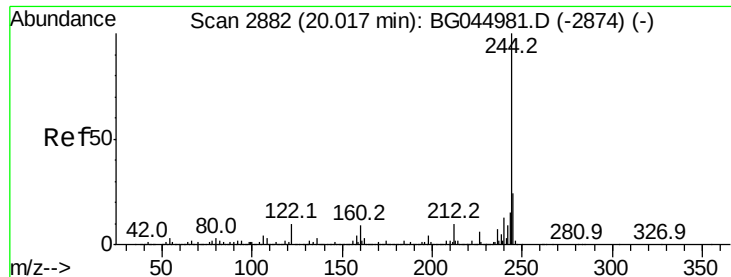
200 22.7 19.0 28.6

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: 87.205 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

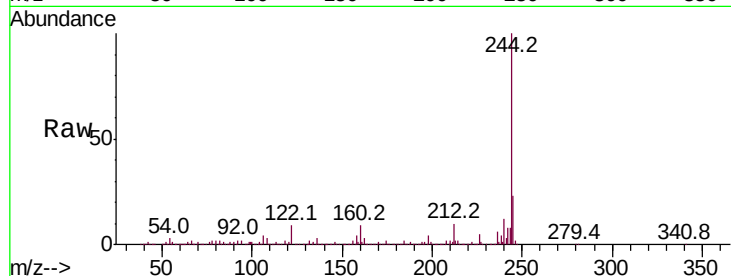
Tot Ion:244 Resp: 1793497

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

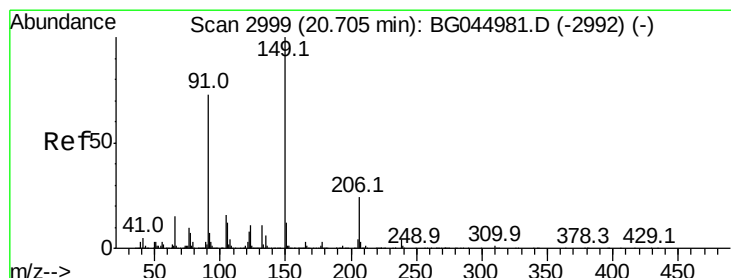
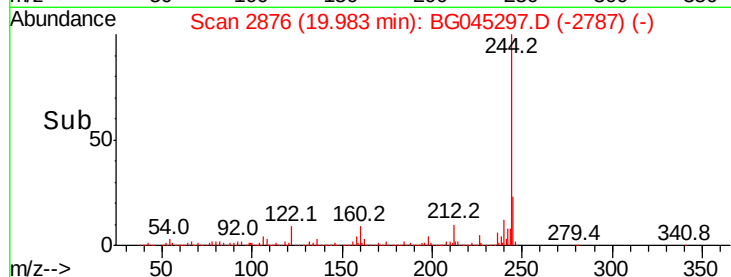
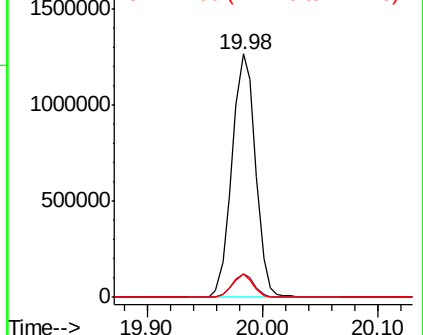
122 9.4 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.495 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

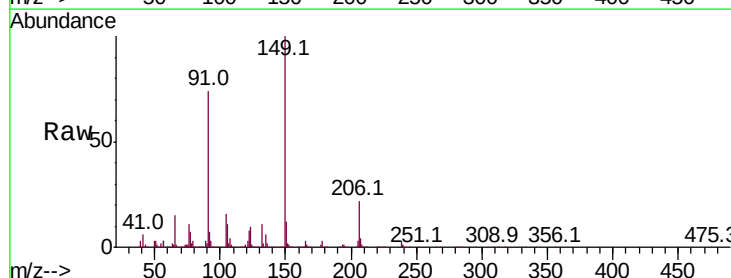
Tgt Ion:149 Resp: 480303

Ion Ratio Lower Upper

149 100

91 73.7 58.5 87.7

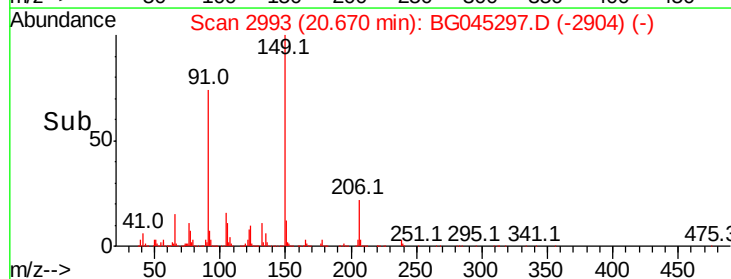
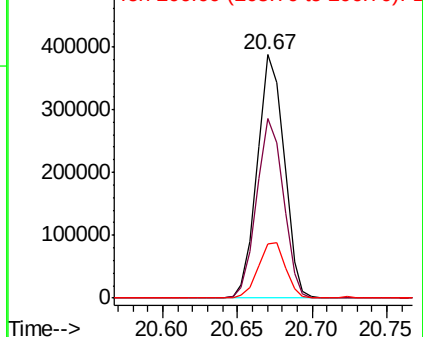
206 22.1 19.2 28.8

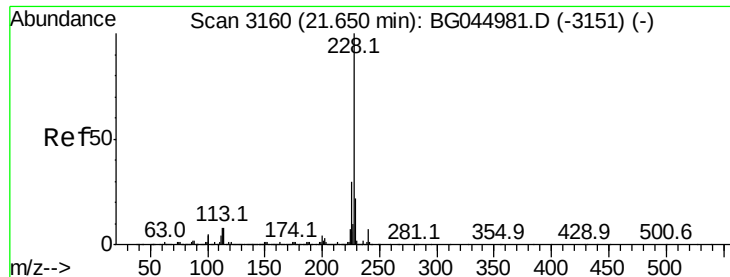


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.214 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

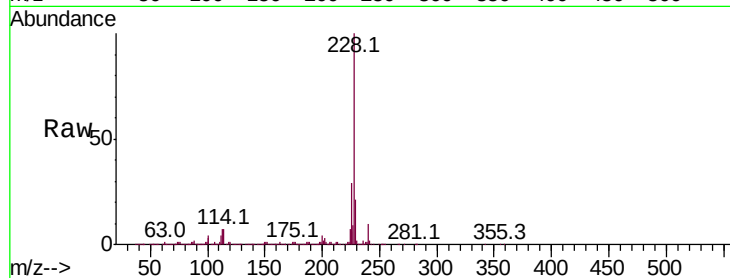
BNA_G

ClientSampleId :

HR-05-050720MS

Tot Ion:228 Resp: 1110257

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	21.4	17.5	26.3

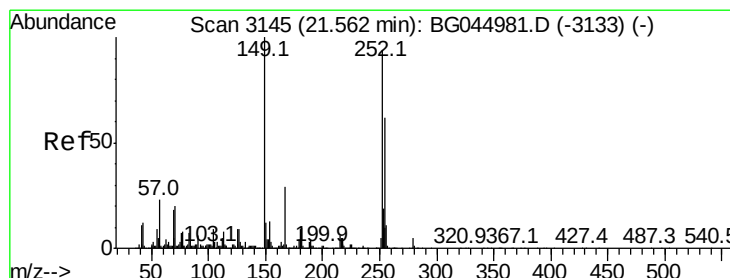
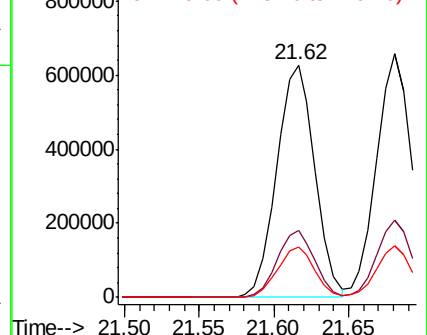
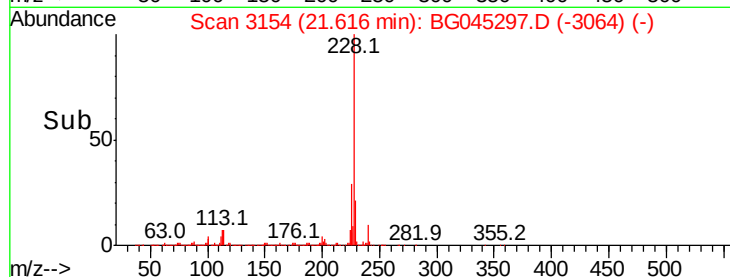


Abundance

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: 15.080 ng

RT: 21.53 min Scan# 3139

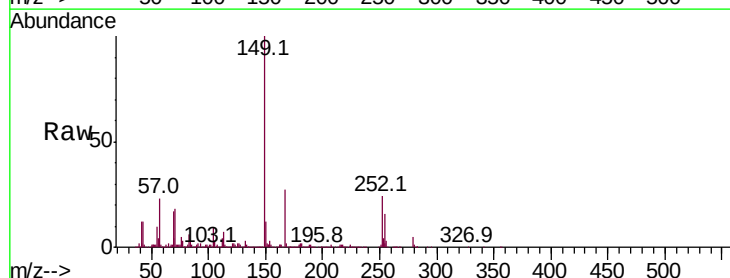
Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:252 Resp: 174382

Ion	Ratio	Lower	Upper
252	100		
254	66.4	52.6	79.0
126	8.2	7.5	11.3

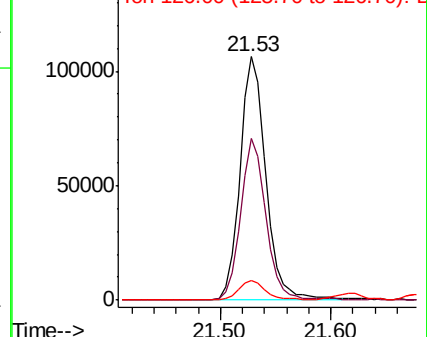
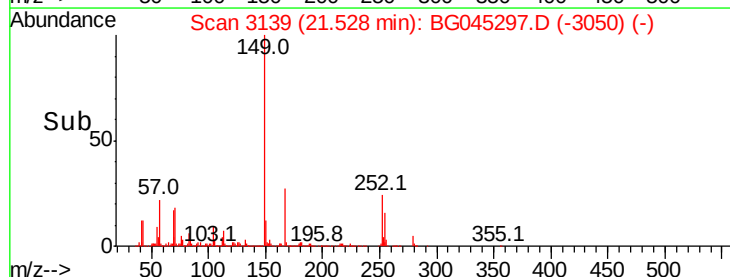


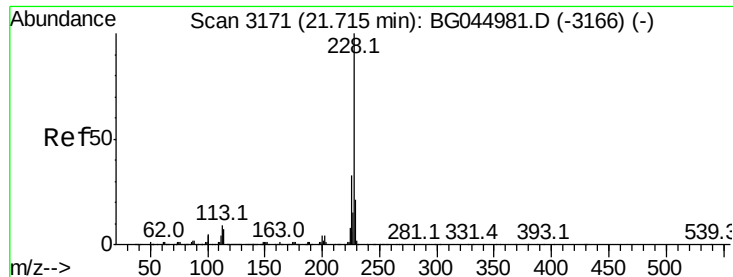
Abundance

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: 38.033 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

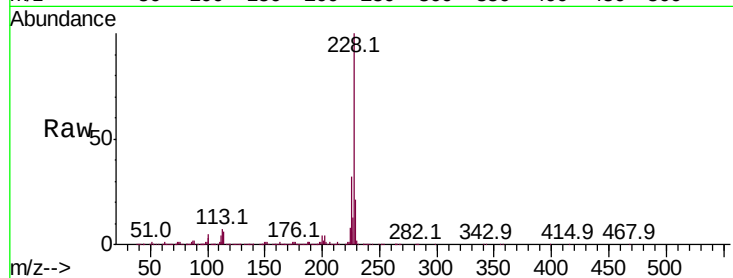
BNA_G

ClientSampleId :

HR-05-050720MS

Tot Ion:228 Resp: 1061695

Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.2	39.4
229	21.4	17.0	25.6

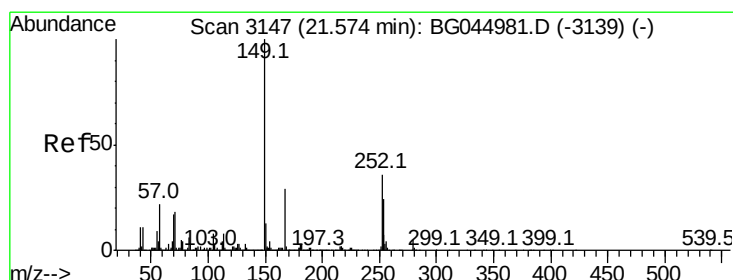
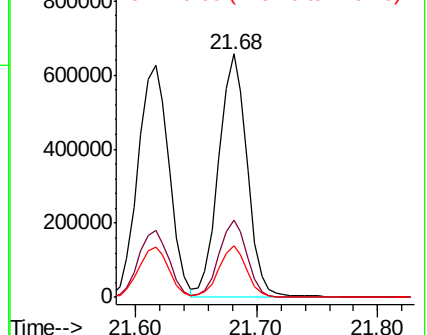
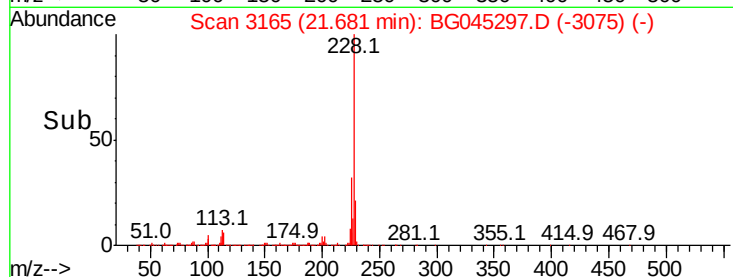


Abundance

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: 37.991 ng

RT: 21.53 min Scan# 3140

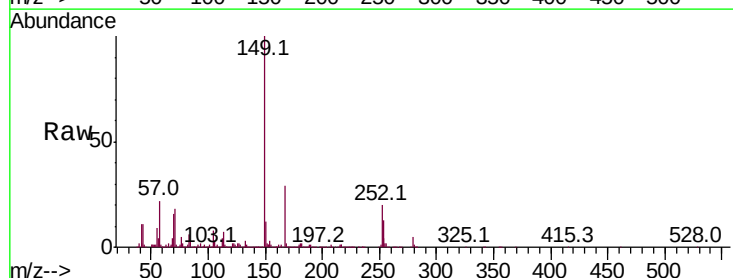
Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:149 Resp: 669316

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.4	4.3	6.5

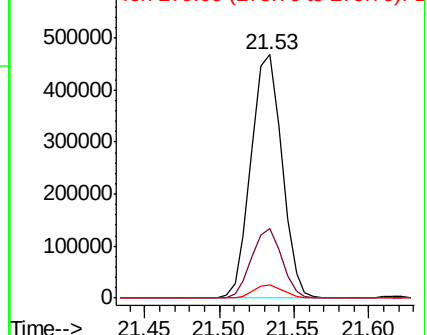
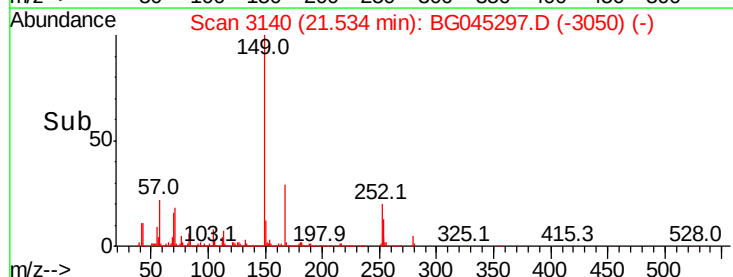


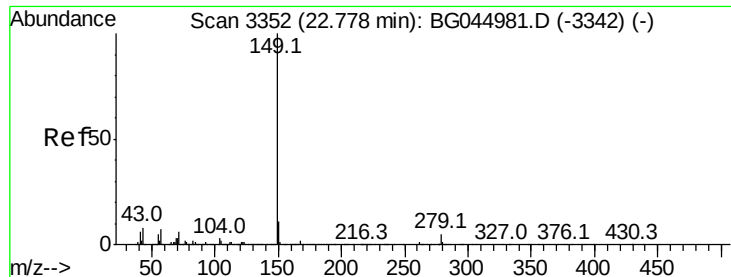
Abundance

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: 37.591 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

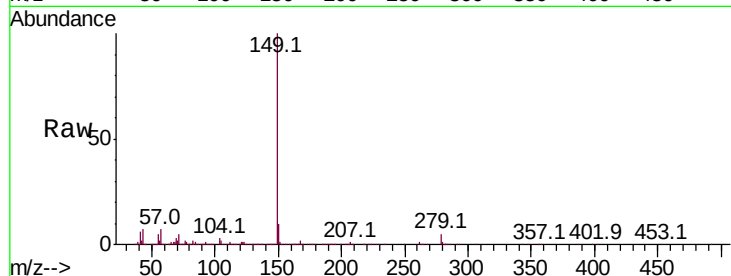
Tot Ion:149 Resp: 1145247

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

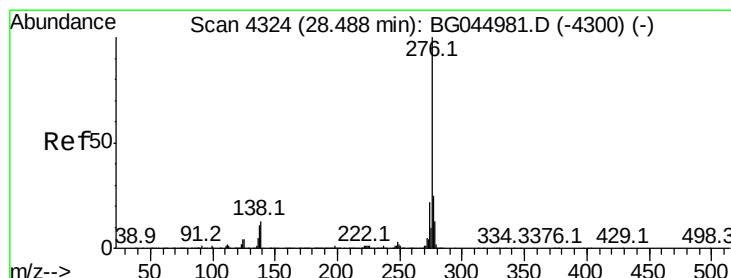
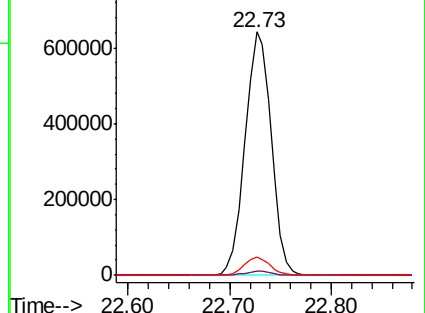
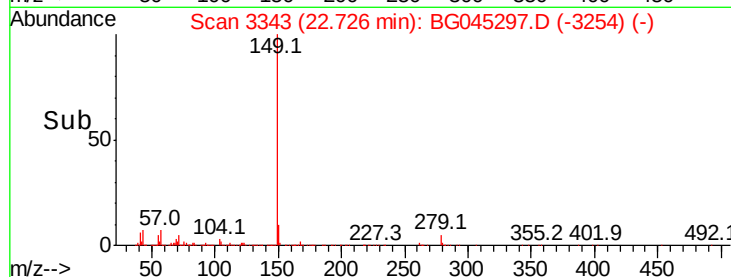
43 7.2 5.7 8.5



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: 38.259 ng

RT: 28.40 min Scan# 4309

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

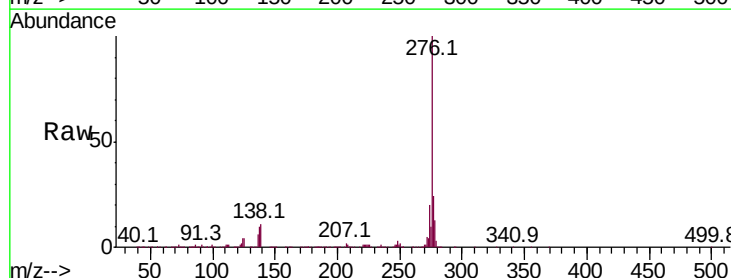
Tgt Ion:276 Resp: 1417960

Ion Ratio Lower Upper

276 100

138 5.9 9.6 14.4#

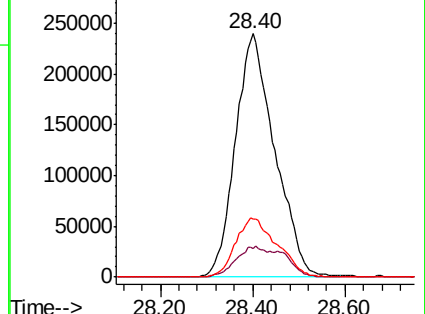
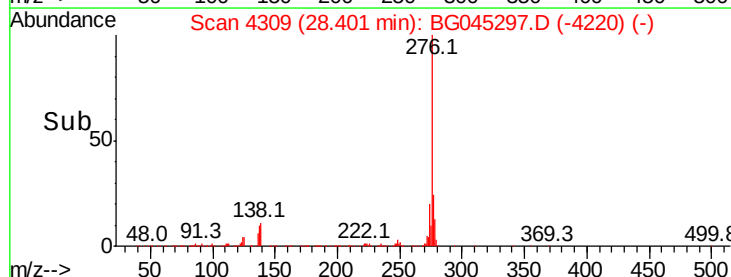
277 25.7 20.6 31.0

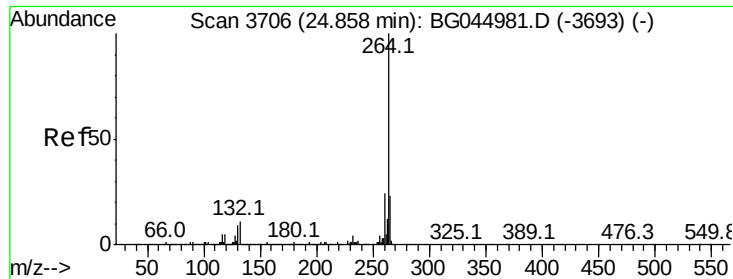


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

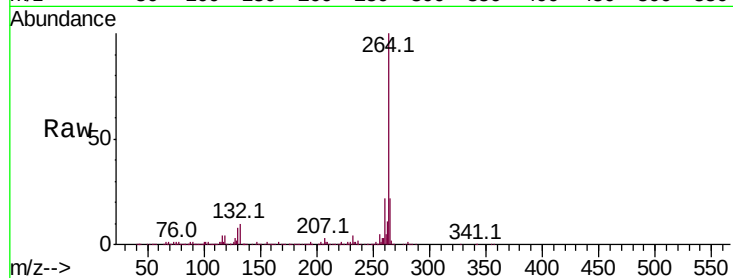
Tot Ion:264 Resp: 498246

Ion Ratio Lower Upper

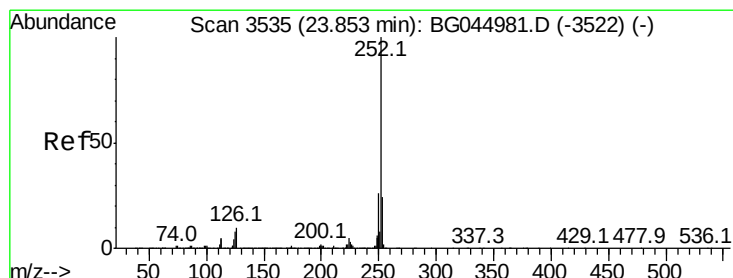
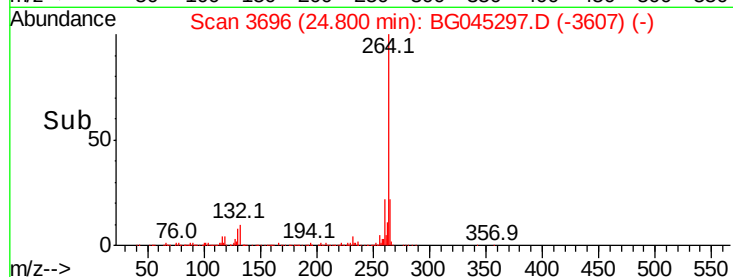
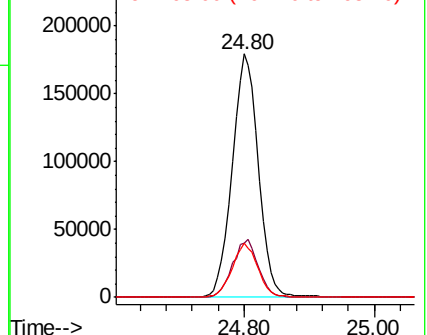
264 100

260 22.1 19.2 28.8

265 22.0 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: 37.321 ng

RT: 23.80 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

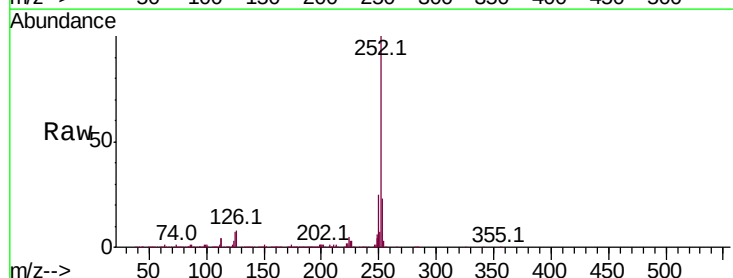
Tgt Ion:252 Resp: 1164776

Ion Ratio Lower Upper

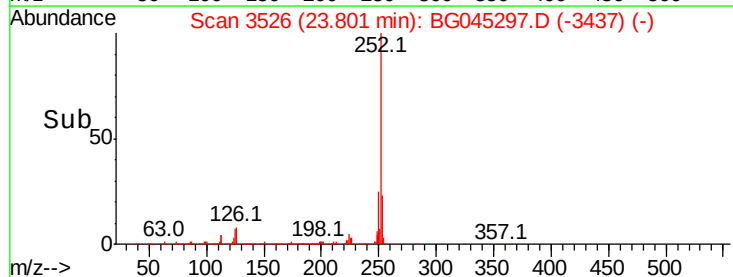
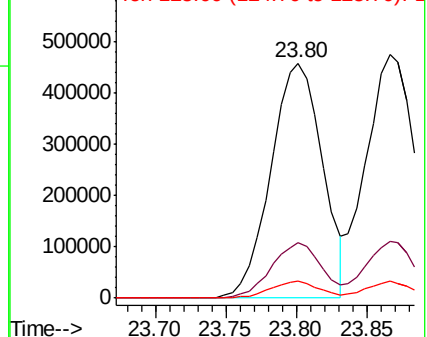
252 100

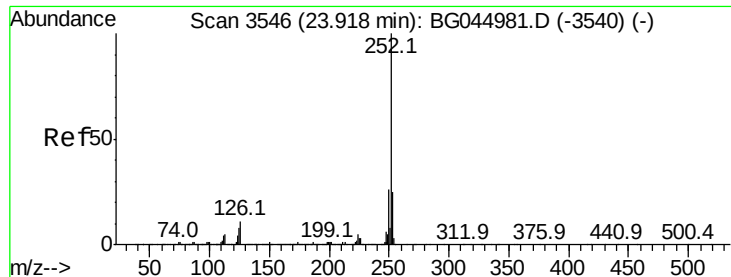
253 23.4 18.8 28.2

125 7.2 6.2 9.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.248 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

BNA_G

ClientSampleId :

HR-05-050720MS

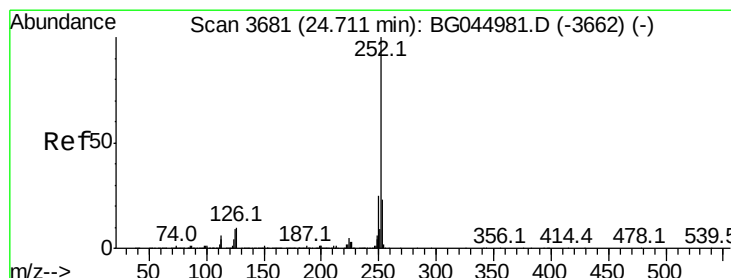
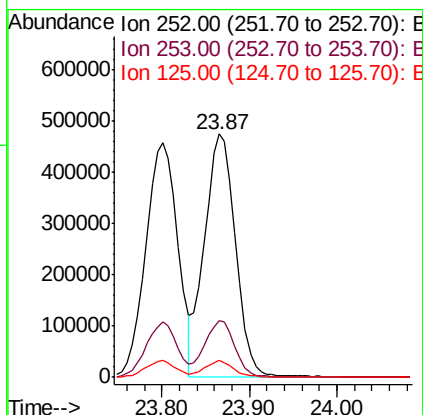
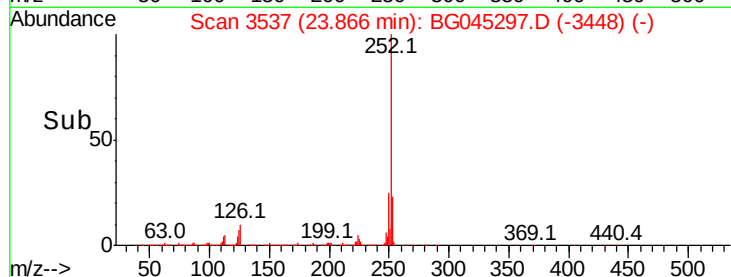
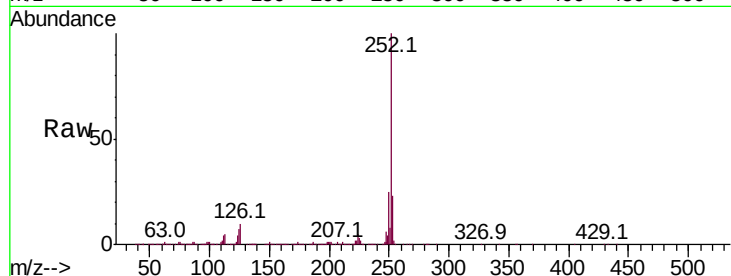
Tot Ion:252 Resp: 1164903

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

125 6.8 5.9 8.9



#90

Benzo(a)pyrene

Concen: 37.371 ng

RT: 24.65 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

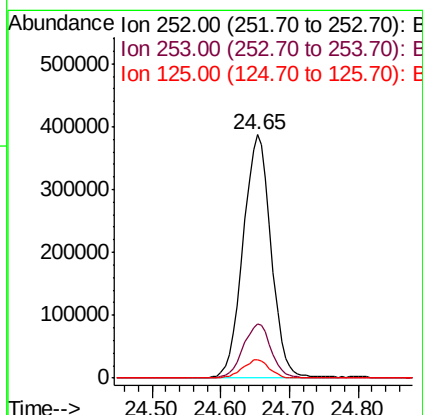
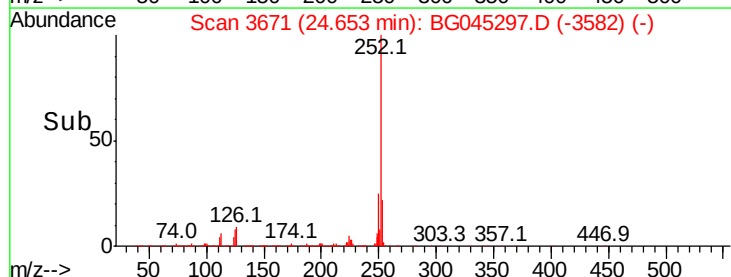
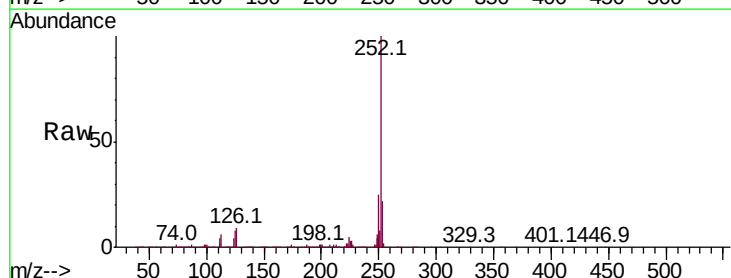
Tgt Ion:252 Resp: 1101210

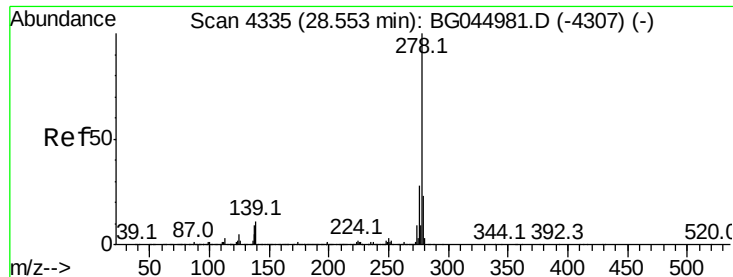
Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 7.7 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 38.841 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.01 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Instrument :

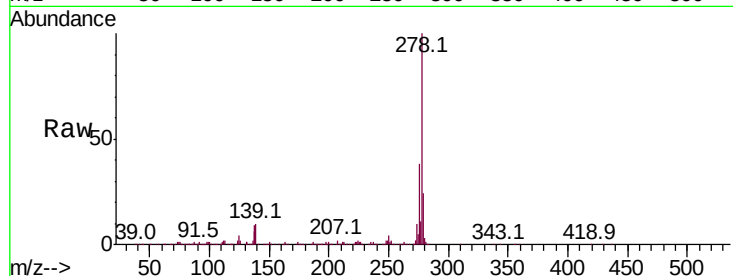
BNA_G

ClientSampleId :

HR-05-050720MS

Tot Ion:278 Resp: 1153263

Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.0	13.6
279	24.0	18.4	27.6

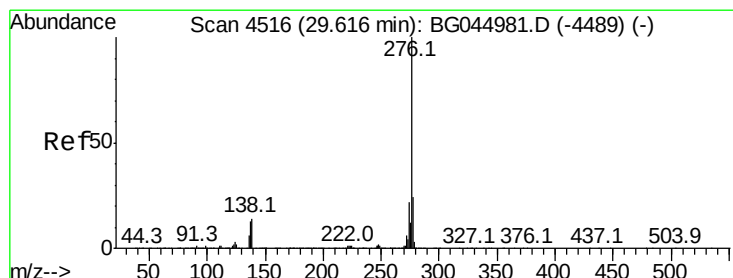
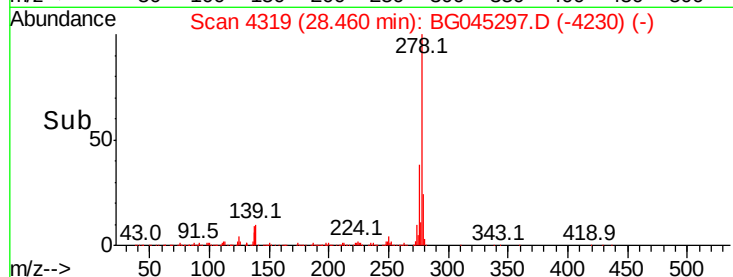
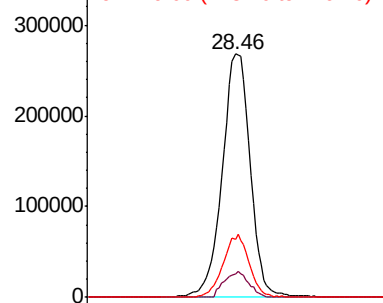


Abundance

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: 39.461 ng

RT: 29.53 min Scan# 4501

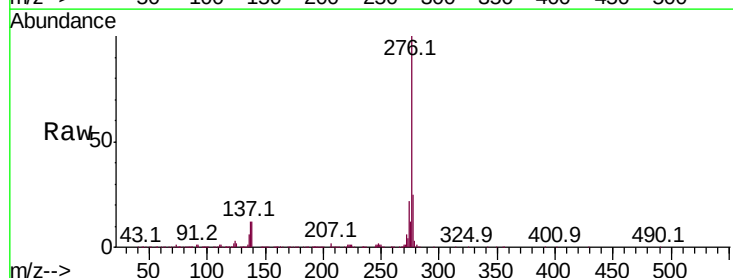
Delta R.T. -0.00 min

Lab File: BG045297.D

Acq: 11 May 2020 15:24

Tgt Ion:276 Resp: 1174681

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	12.2	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

