

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045778.D
 Acq On : 16 Jun 2020 18:41
 Operator : CG/JU
 Sample : L2808-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

Quant Time: Jun 17 02:25:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55568	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	210590	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	151159	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	361058	20.00	ng	0.00
76) Chrysene-d12	21.58	240	356635	20.00	ng	0.00
86) Perylene-d12	24.70	264	391747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	383732	116.65	ng	0.00
7) Phenol-d6	7.17	99	470109	93.95	ng	0.00
23) Nitrobenzene-d5	9.08	82	395518	85.80	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	290154	127.14	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	875645	85.13	ng	0.00
79) Terphenyl-d14	19.94	244	1558373	88.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	57939	38.456	ng	# 54
3) Pyridine	3.78	79	137198	30.730	ng	98
4) n-Nitrosodimethylamine	3.68	42	65113	43.449	ng	# 94
6) Aniline	7.25	93	115779	19.651	ng	98
8) 2-Chlorophenol	7.51	128	157089	44.614	ng	95
9) Benzaldehyde	7.05	77	81211	27.022	ng	97
10) Phenol	7.19	94	174579	36.009	ng	95
11) bis(2-Chloroethyl)ether	7.34	93	149599	40.624	ng	96
12) 1,3-Dichlorobenzene	7.81	146	177871	42.390	ng	98
13) 1,4-Dichlorobenzene	7.95	146	177367	42.318	ng	99
14) 1,2-Dichlorobenzene	8.28	146	165165	41.163	ng	97
15) Benzyl Alcohol	8.18	79	158138	40.840	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	140136	40.377	ng	92
17) 2-Methylphenol	8.42	107	134154	37.182	ng	96
18) Hexachloroethane	9.00	117	68575	43.079	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	138332	42.051	ng	97
20) 3+4-Methylphenols	8.76	107	178346	37.585	ng	97
22) Acetophenone	8.75	105	249501	43.166	ng	99
24) Nitrobenzene	9.13	77	208202	42.360	ng	99
25) Isophorone	9.65	82	368274	41.267	ng	98
26) 2-Nitrophenol	9.84	139	91307	44.590	ng	95
27) 2,4-Dimethylphenol	9.94	122	136860	43.777	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	204552	43.881	ng	99
29) 2,4-Dichlorophenol	10.41	162	160065	43.883	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	182315	42.221	ng	96
31) Naphthalene	10.78	128	490396	42.594	ng	99
32) Benzoic acid	10.14	122	78503	40.454	ng	91
33) 4-Chloroaniline	10.91	127	30628	6.353	ng	94
34) Hexachlorobutadiene	11.07	225	131605	42.855	ng	96
35) Caprolactam	11.67	113	21283	18.031	ng	92
36) 4-Chloro-3-methylphenol	12.08	107	184138	43.723	ng	95
37) 2-Methylnaphthalene	12.39	142	369135	43.057	ng	99
38) 1-Methylnaphthalene	12.61	142	352774	43.482	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	209571	42.105	ng	99

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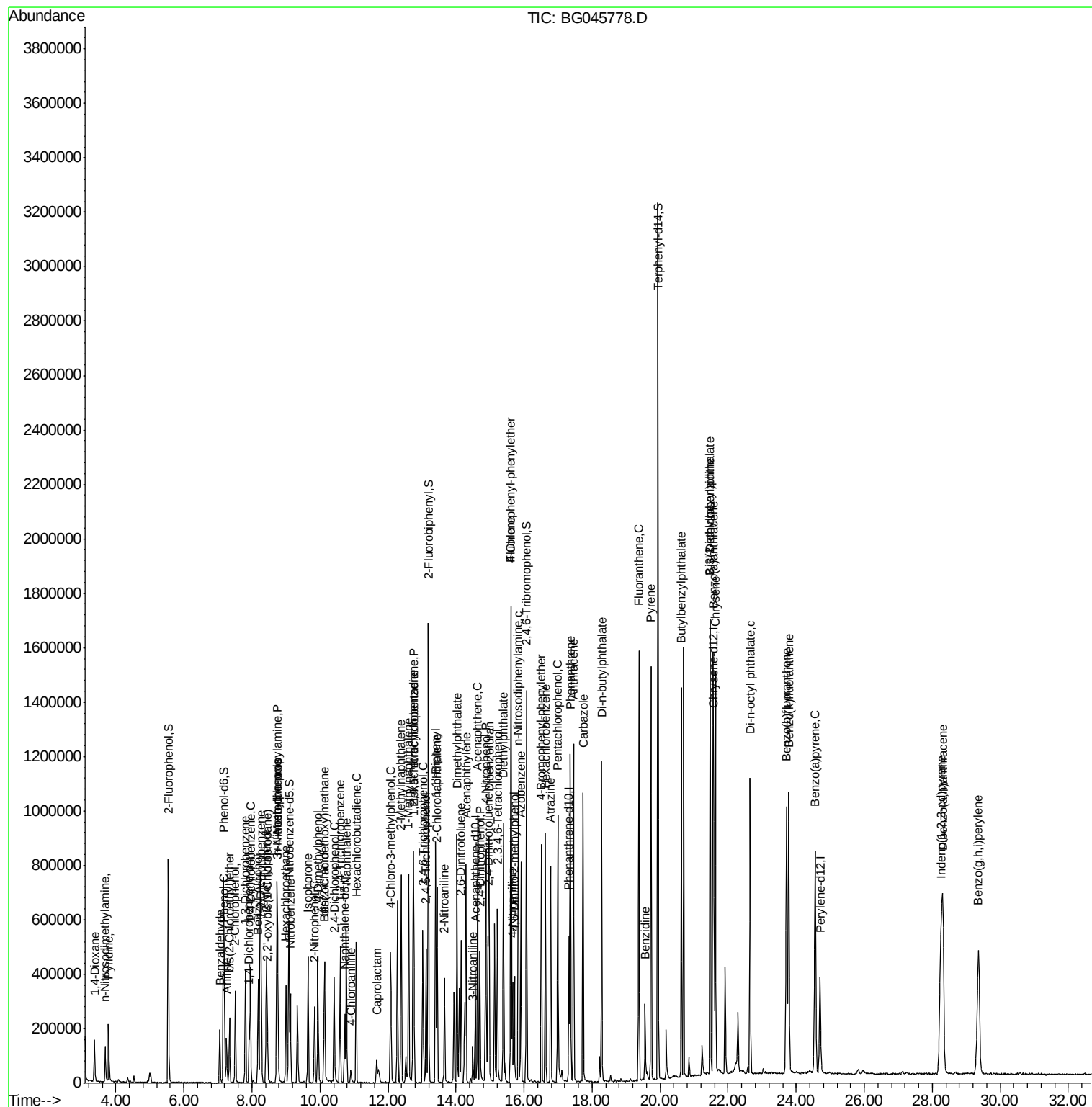
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	209387	76.564	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	149265	44.232	ng	97
44) 2,4,5-Trichlorophenol	13.12	196	153183	39.828	ng	99
46) 1,1'-Biphenyl	13.40	154	469581	43.391	ng	100
47) 2-Chloronaphthalene	13.44	162	364641	41.712	ng	96
48) 2-Nitroaniline	13.66	65	122287	42.054	ng	98
49) Acenaphthylene	14.29	152	586087	41.856	ng	99
50) Dimethylphthalate	14.03	163	592658	50.048	ng	99
51) 2,6-Dinitrotoluene	14.14	165	115936	43.590	ng	94
52) Acenaphthene	14.63	154	357619	42.135	ng	98
53) 3-Nitroaniline	14.49	138	41185	15.503	ng	# 86
54) 2,4-Dinitrophenol	14.70	184	130607	87.271	ng	98
55) Dibenzofuran	14.97	168	587095	42.580	ng	98
56) 4-Nitrophenol	14.88	139	127203	67.485	ng	95
57) 2,4-Dinitrotoluene	14.94	165	159324	41.809	ng	98
58) Fluorene	15.62	166	492993	42.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	150439	45.066	ng	99
60) Diethylphthalate	15.39	149	517696	42.765	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	277013	41.921	ng	99
62) 4-Nitroaniline	15.66	138	95943	35.189	ng	94
63) Azobenzene	15.91	77	501524	43.147	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	104016	46.616	ng	98
66) n-Nitrosodiphenylamine	15.83	169	436151	42.648	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	187176	39.897	ng	97
68) Hexachlorobenzene	16.63	284	207552	42.664	ng	95
69) Atrazine	16.79	200	167223	42.139	ng	98
70) Pentachlorophenol	16.99	266	214447	88.487	ng	95
71) Phenanthrene	17.36	178	782531	42.024	ng	98
72) Anthracene	17.45	178	799614	43.122	ng	100
73) Carbazole	17.73	167	742942	42.078	ng	100
74) Di-n-butylphthalate	18.29	149	886117	42.387	ng	99
75) Fluoranthene	19.37	202	999622	43.656	ng	99
77) Benzidine	19.56	184	207027	22.330	ng	98
78) Pyrene	19.74	202	1002080	41.960	ng	99
80) Butylbenzylphthalate	20.62	149	419060	41.922	ng	97
81) Benzo(a)anthracene	21.56	228	974177	42.132	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	138927	15.885	ng	# 96
83) Chrysene	21.62	228	953700	42.644	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	587003	42.217	ng	96
85) Di-n-octyl phthalate	22.64	149	979721	40.849	ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1223951	43.097	ng	# 99
88) Benzo(b)fluoranthene	23.71	252	1060021	43.156	ng	97
89) Benzo(k)fluoranthene	23.78	252	997568	42.435	ng	97
90) Benzo(a)pyrene	24.56	252	953881	41.573	ng	99
91) Dibenzo(a,h)anthracene	28.31	278	991893	43.553	ng	99
92) Benzo(g,h,i)perylene	29.36	276	1000986	43.913	ng	99

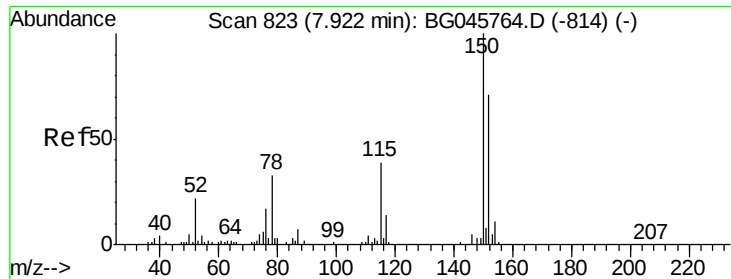
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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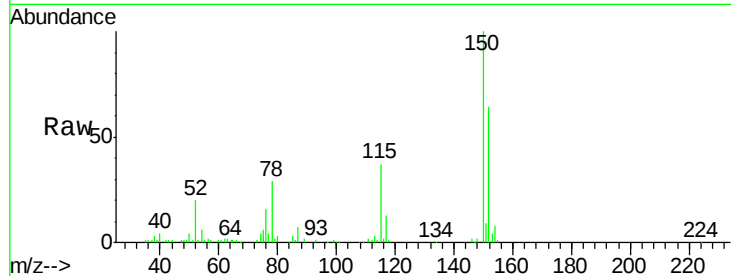


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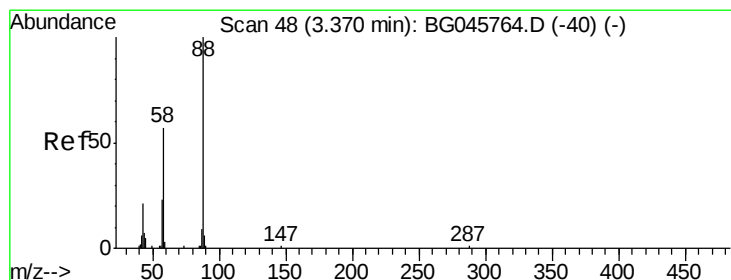
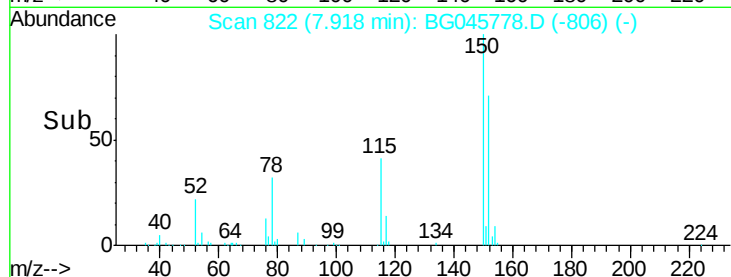
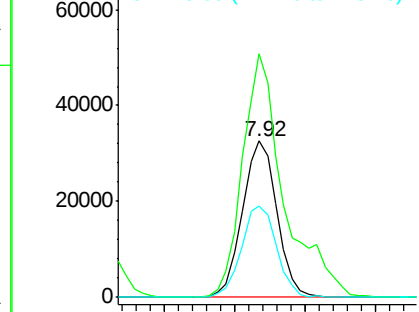
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion:152 Resp: 55568
Ion Ratio Lower Upper
152 100
150 156.1 113.1 169.7
115 58.1 43.8 65.6



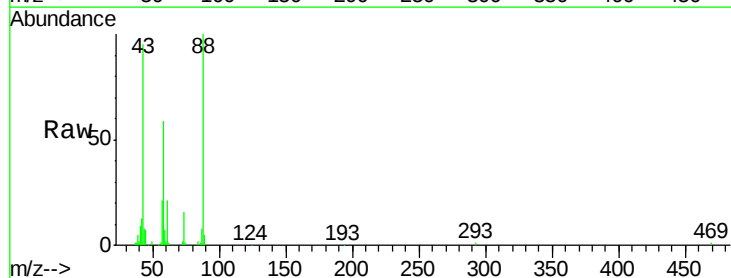
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



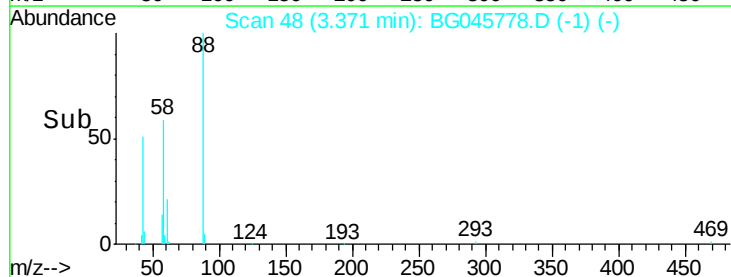
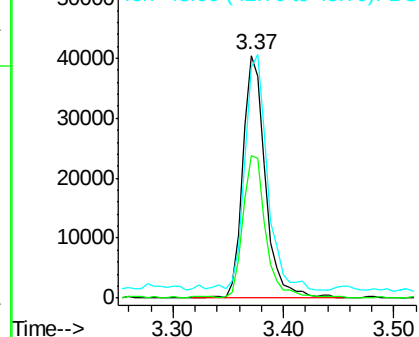
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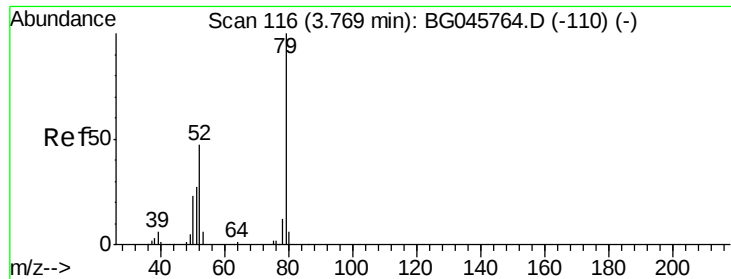
1,4-Dioxane
Concen: 38.456 ng
RT: 3.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion: 88 Resp: 57939
Ion Ratio Lower Upper
88 100
58 59.8 46.1 69.1
43 96.8 19.2 28.8#



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: 30.730 ng

RT: 3.78 min Scan# 118

Delta R.T. 0.01 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

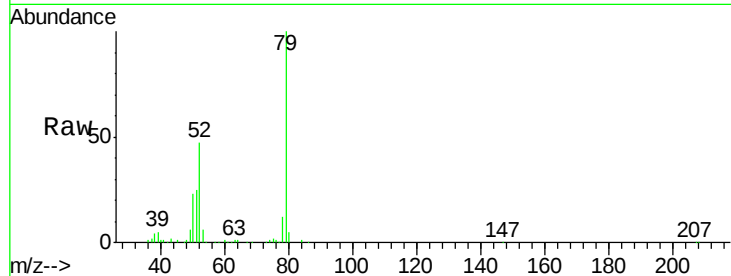
Tot Ion: 79 Resp: 137198

Ion Ratio Lower Upper

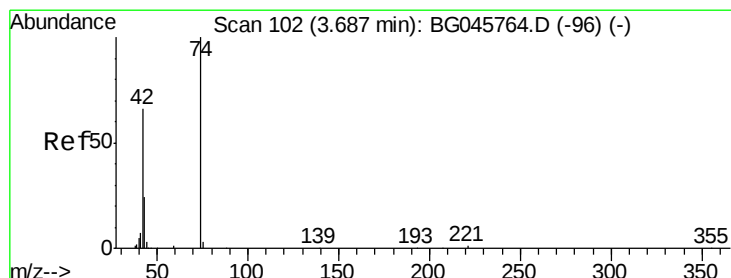
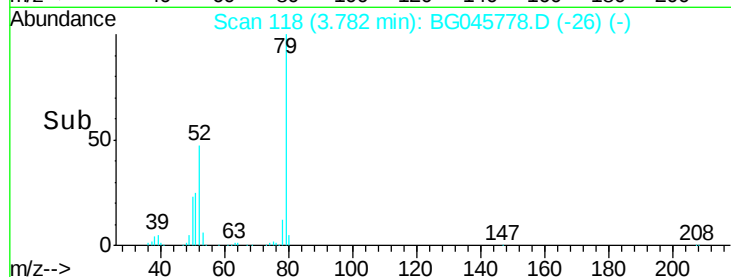
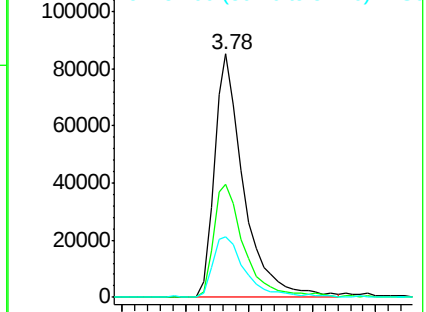
79 100

52 46.6 37.9 56.9

51 25.1 22.0 33.0



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: 43.449 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

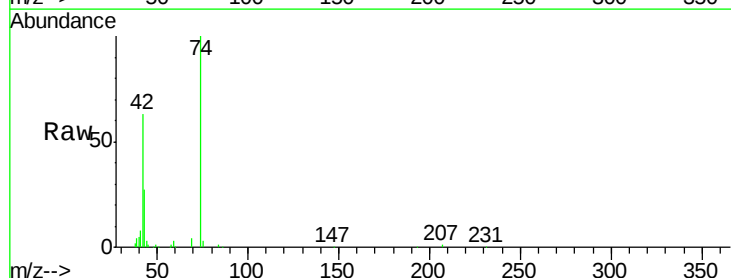
Tgt Ion: 42 Resp: 65113

Ion Ratio Lower Upper

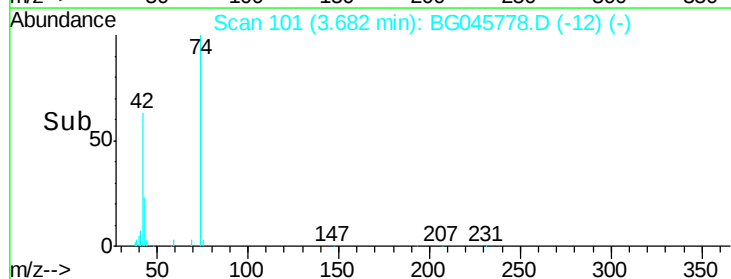
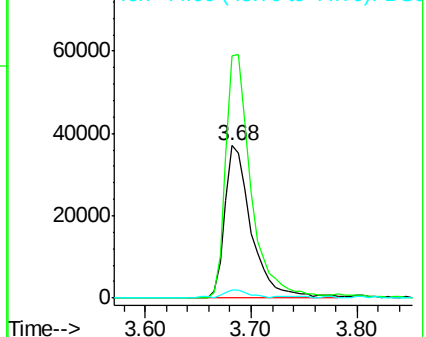
42 100

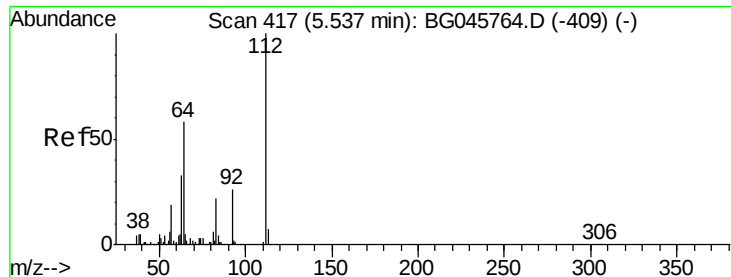
74 158.8 121.0 181.4

44 5.5 3.5 5.3#



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: 116.652 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045778.D

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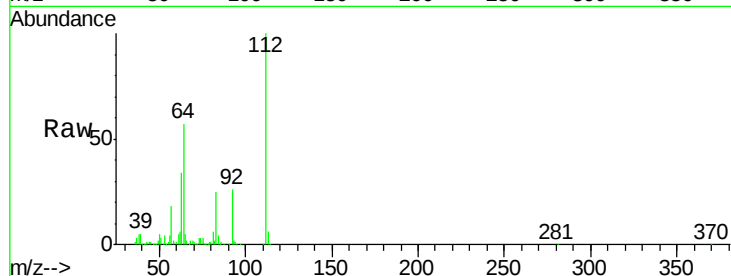
Tot Ion:112 Resp: 383732

Ion Ratio Lower Upper

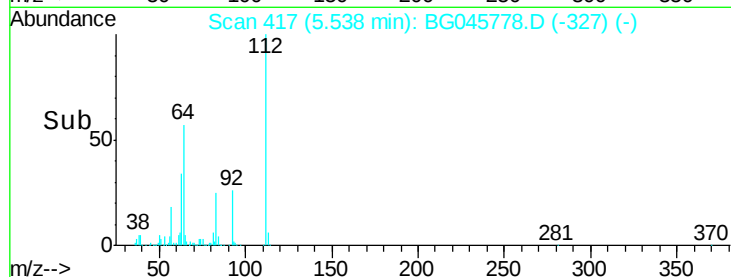
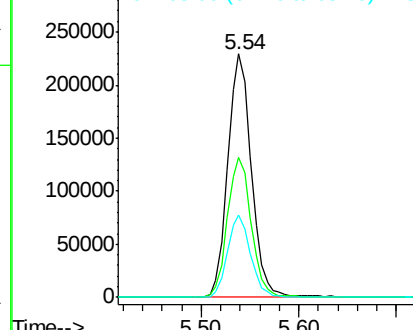
112 100

64 57.3 46.6 69.8

63 33.9 26.3 39.5



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: 19.651 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

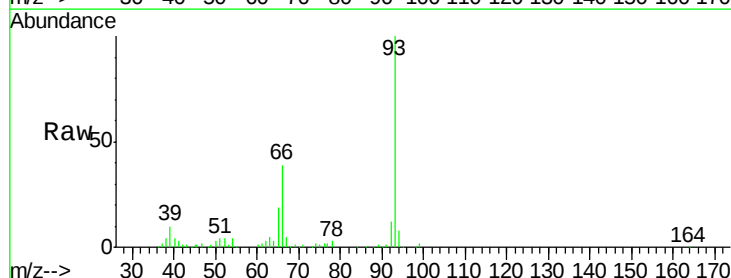
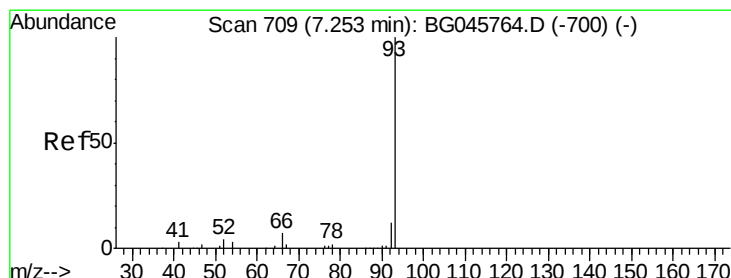
Tgt Ion: 93 Resp: 115779

Ion Ratio Lower Upper

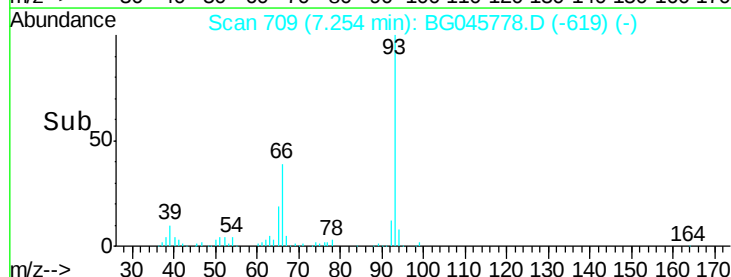
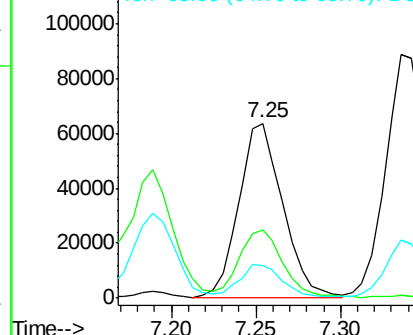
93 100

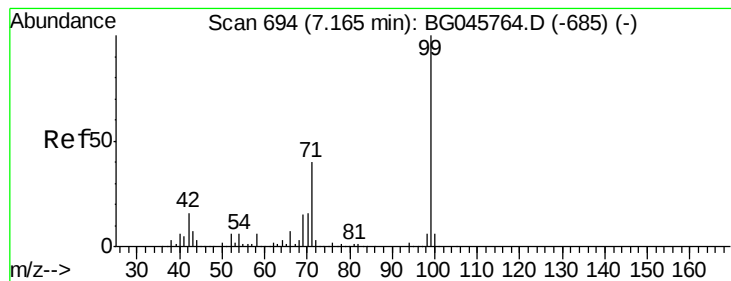
66 38.9 30.0 45.0

65 18.6 14.7 22.1



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: 93.953 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

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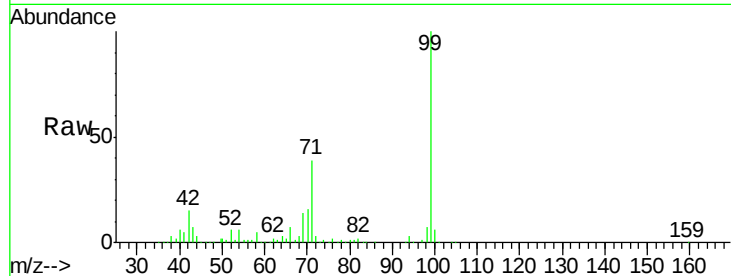
Tot Ion: 99 Resp: 470109

Ion Ratio Lower Upper

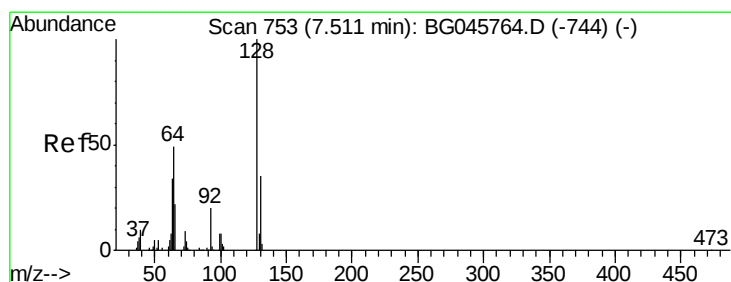
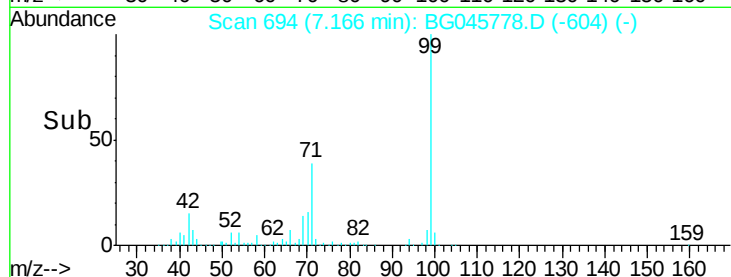
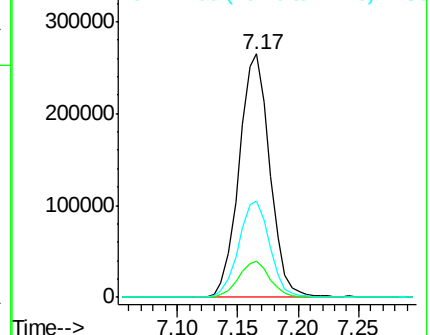
99 100

42 15.0 12.4 18.6

71 39.4 32.1 48.1



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



#8

2-Chlorophenol

Concen: 44.614 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

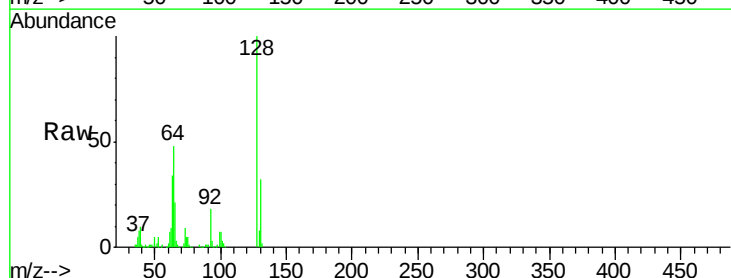
Tgt Ion:128 Resp: 157089

Ion Ratio Lower Upper

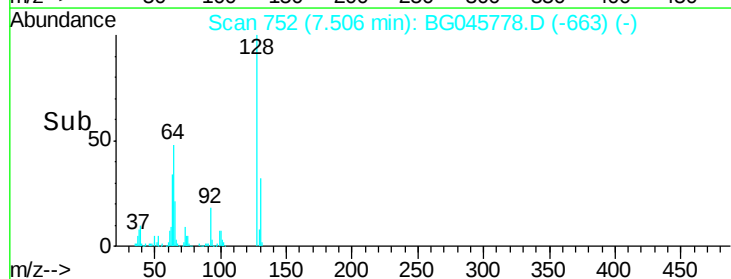
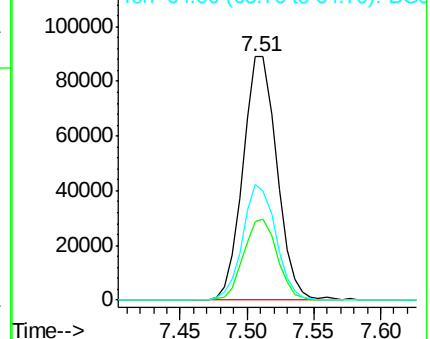
128 100

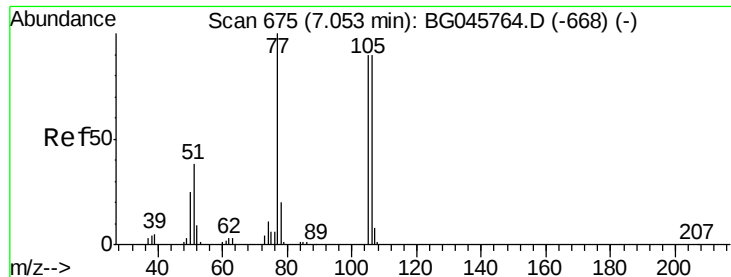
130 32.4 14.5 54.5

64 47.7 31.6 71.6



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





#9

Benzaldehyde

Concen: 27.022 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

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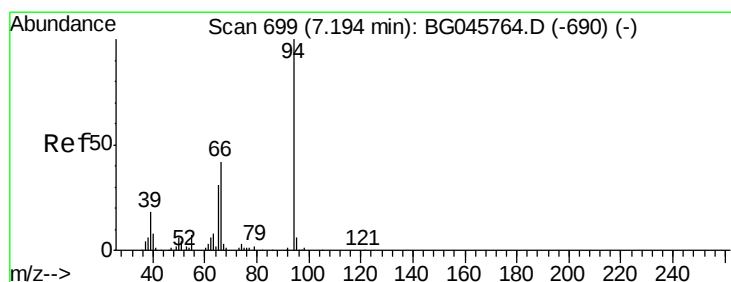
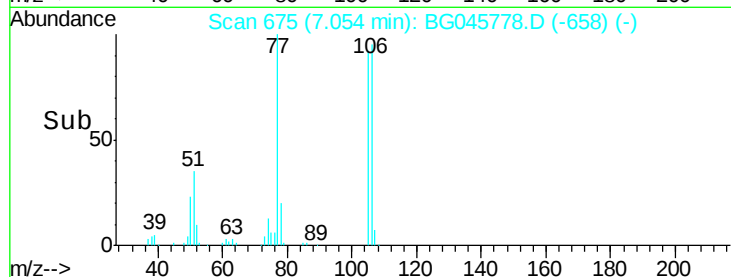
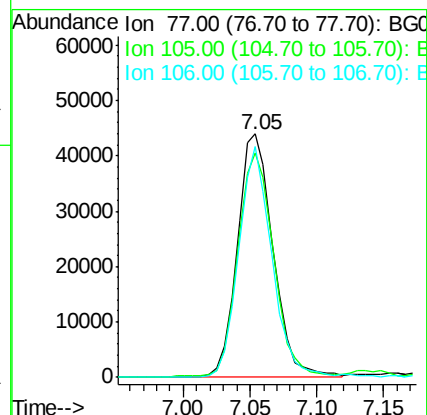
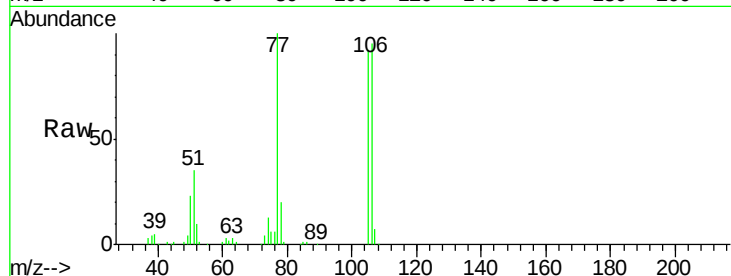
Tot Ion: 77 Resp: 81211

Ion Ratio Lower Upper

77 100

105 92.2 70.4 110.4

106 94.7 70.2 110.2



#10

Phenol

Concen: 36.009 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

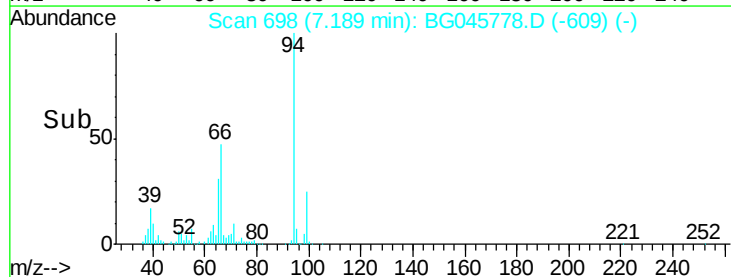
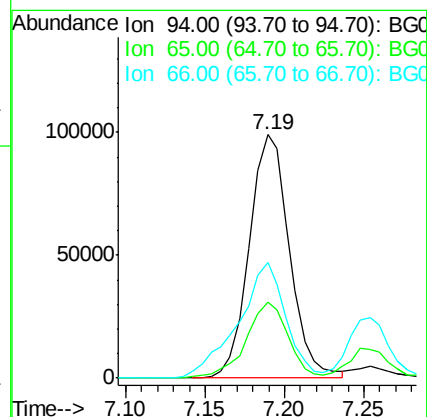
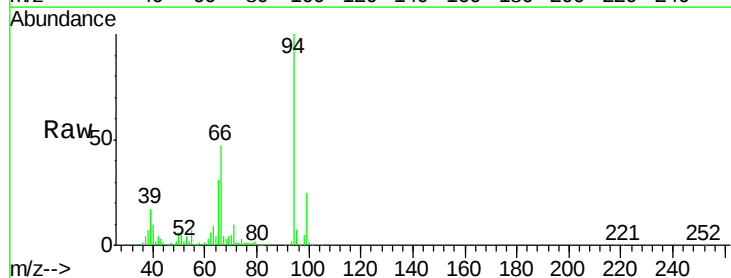
Tgt Ion: 94 Resp: 174579

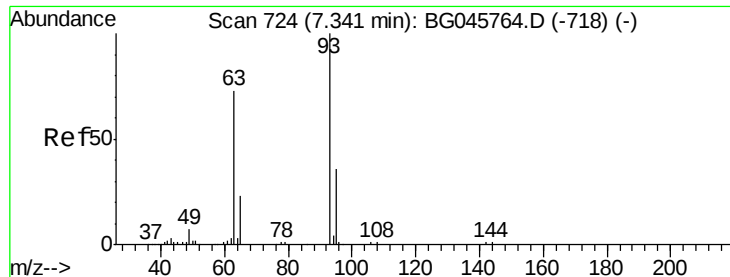
Ion Ratio Lower Upper

94 100

65 31.3 10.7 50.7

66 47.3 22.5 62.5





#11

bis(2-Chloroethyl)ether

Concen: 40.624 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

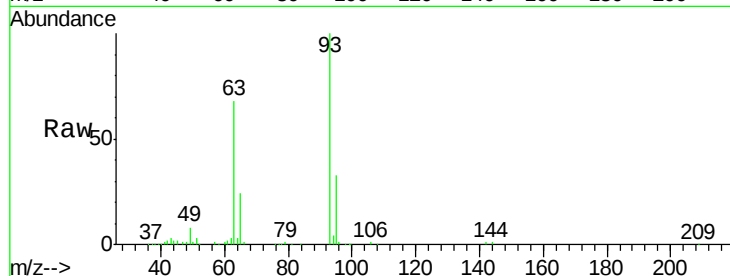
Tot Ion: 93 Resp: 149599

Ion Ratio Lower Upper

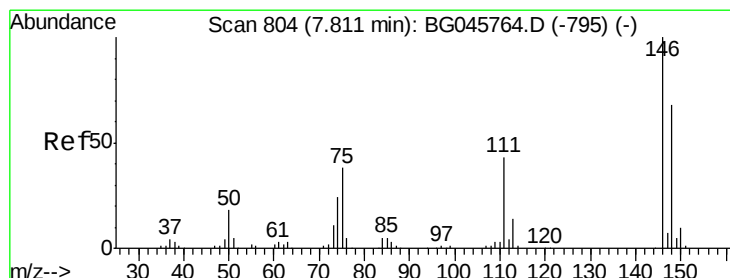
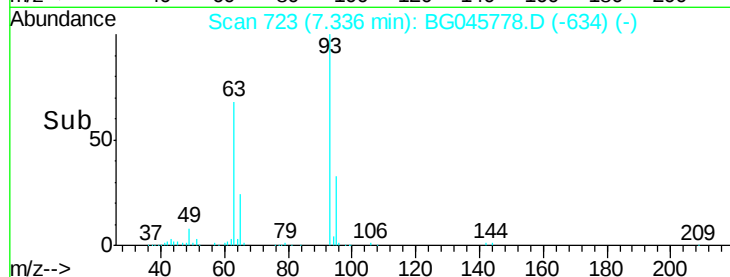
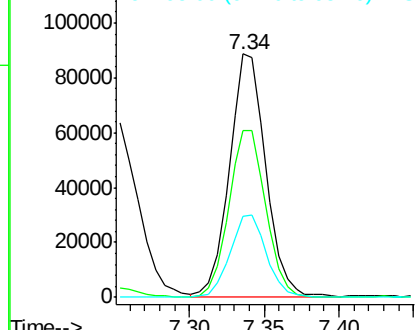
93 100

63 68.4 52.0 92.0

95 33.4 15.6 55.6



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: 42.390 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

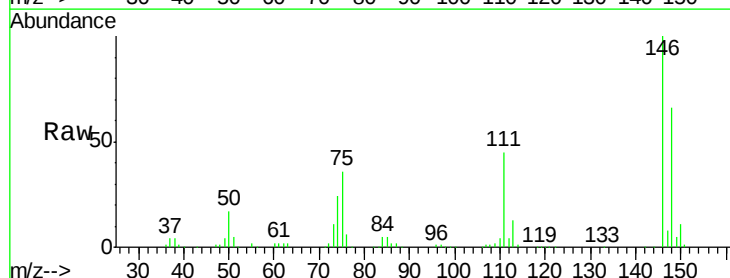
Tgt Ion: 146 Resp: 177871

Ion Ratio Lower Upper

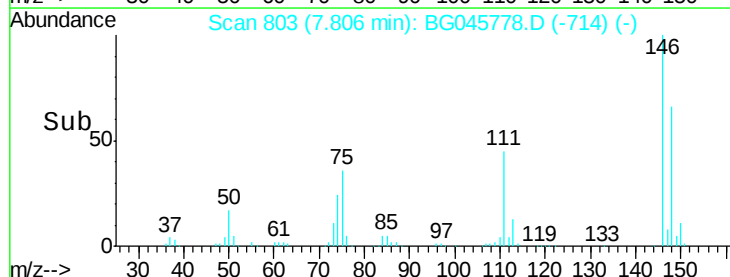
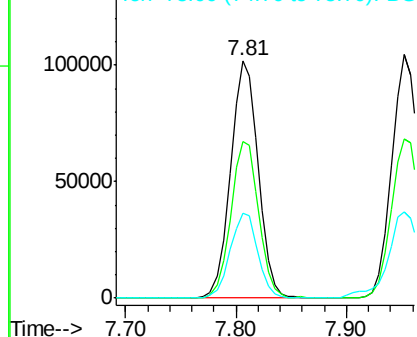
146 100

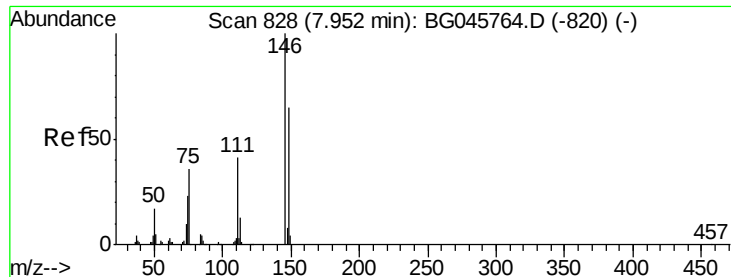
148 66.0 54.2 81.4

75 35.9 30.1 45.1



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

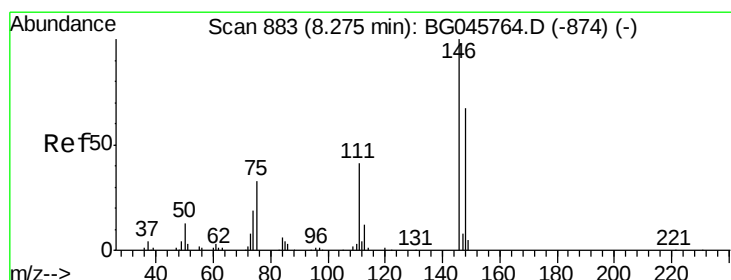
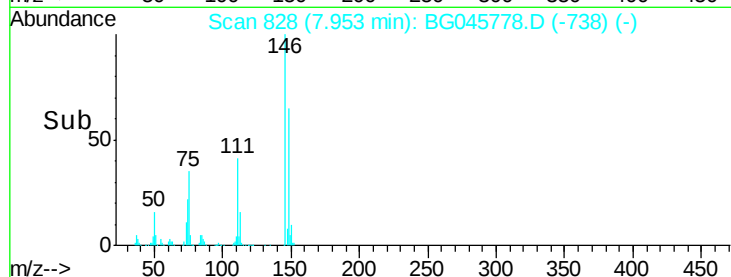
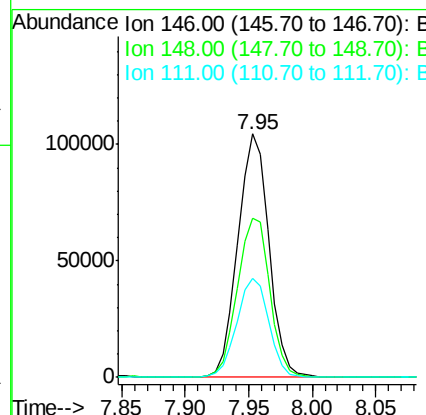
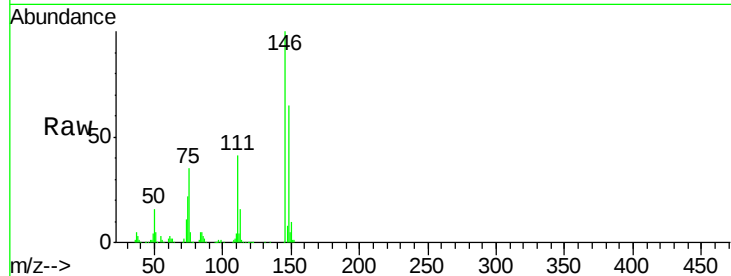




#13
 1,4-Dichlorobenzene
 Concen: 42.318 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

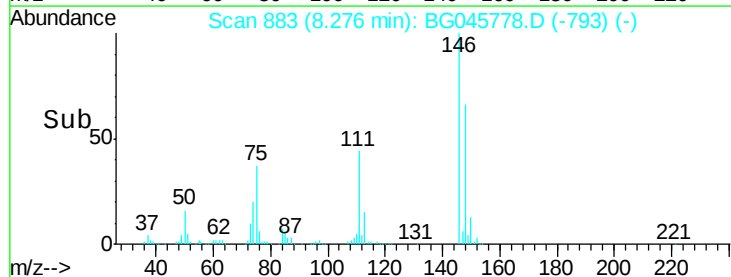
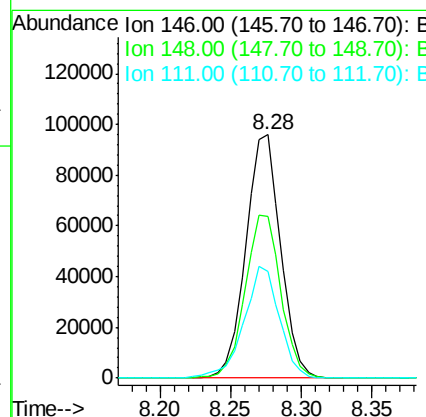
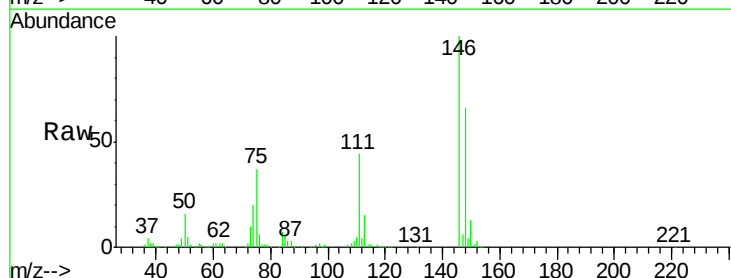
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

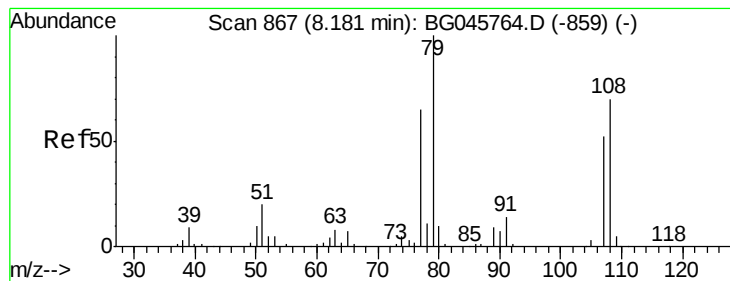
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
111	40.6	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 41.163 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	54.1	81.1
111	43.9	32.9	49.3





#15

Benzyl Alcohol

Concen: 40.840 ng

RT: 8.18 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

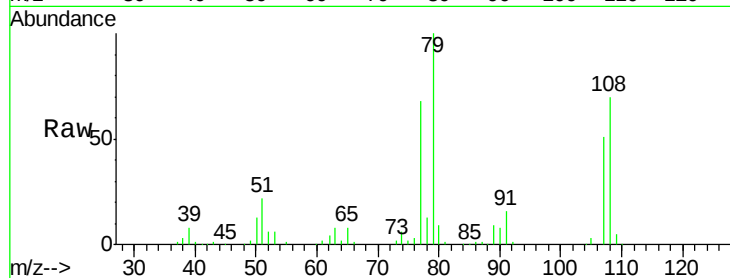
Tot Ion: 79 Resp: 158138

Ion Ratio Lower Upper

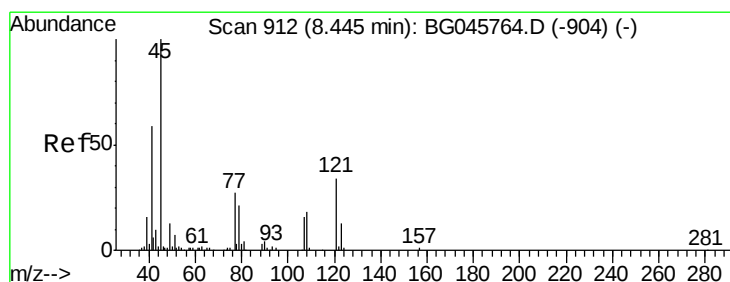
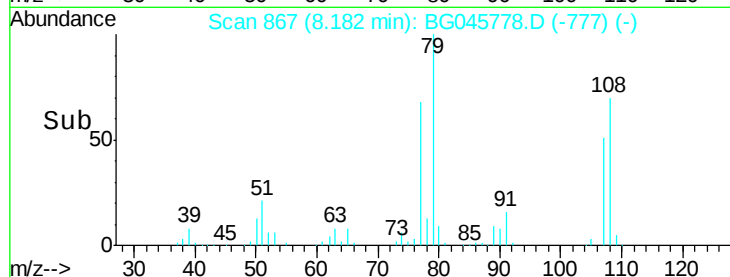
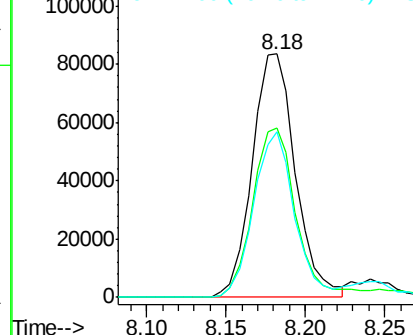
79 100

108 69.7 56.2 84.4

77 68.2 52.2 78.2



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: 40.377 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

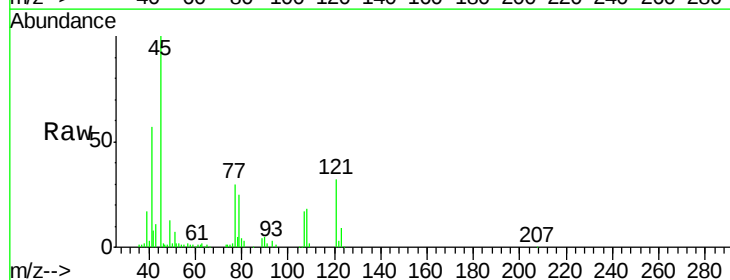
Tgt Ion: 45 Resp: 140136

Ion Ratio Lower Upper

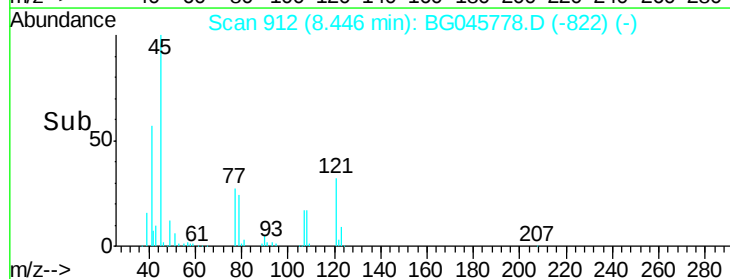
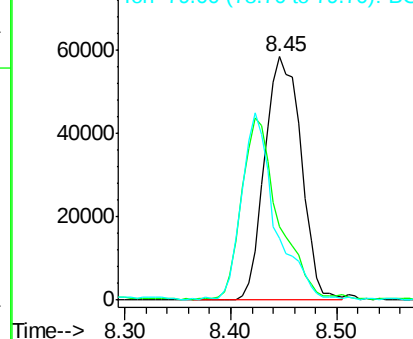
45 100

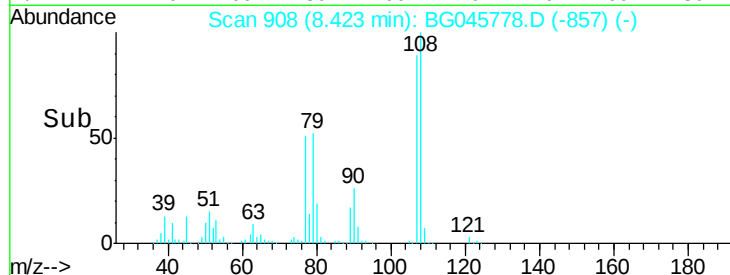
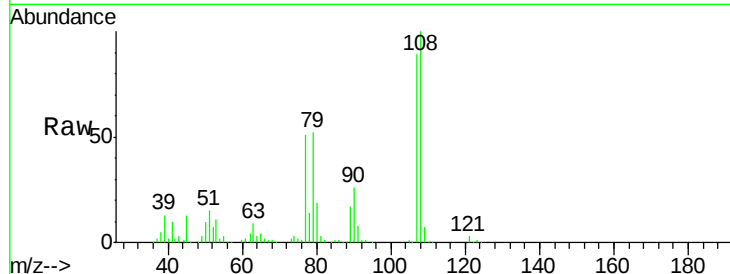
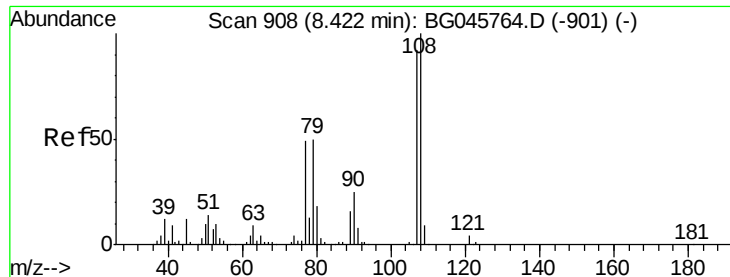
77 30.1 14.9 54.9

79 25.2 9.2 49.2



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

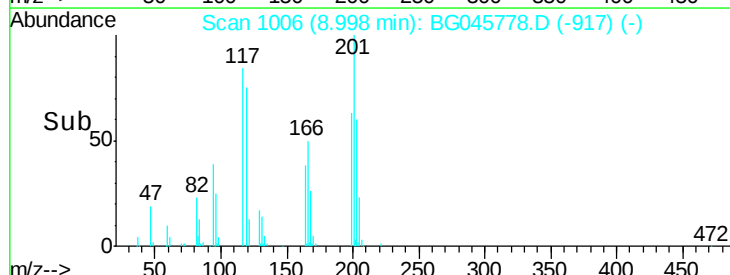
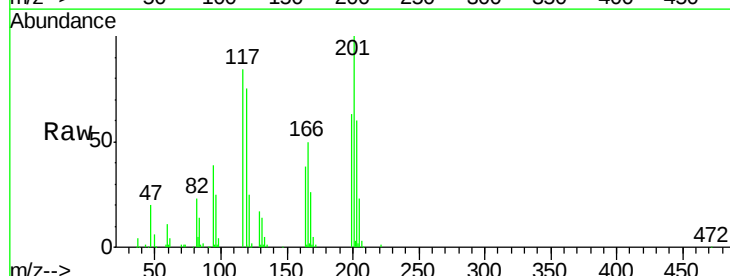
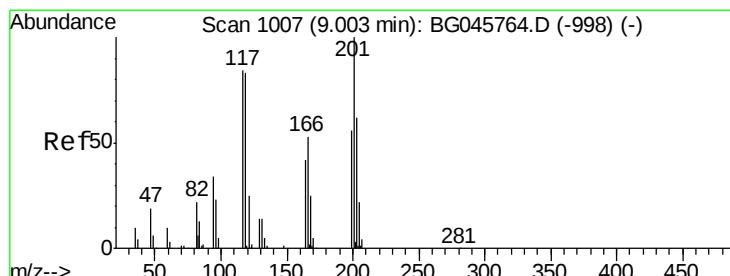
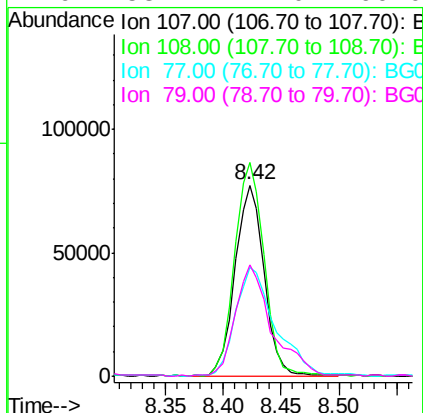




#17
2-Methylphenol
Concen: 37.182 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

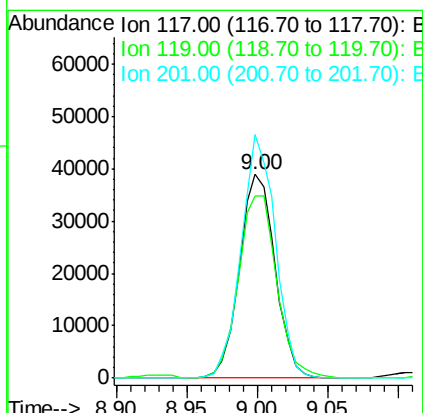
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

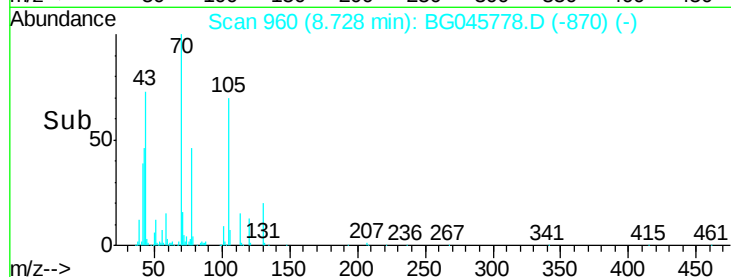
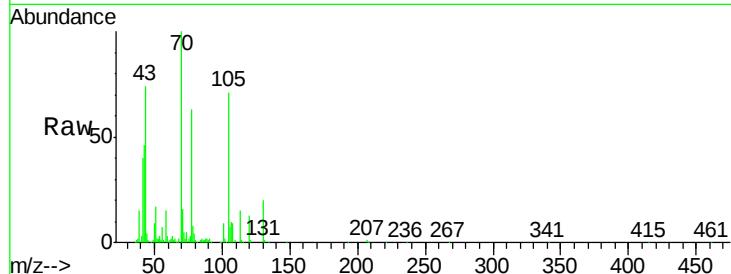
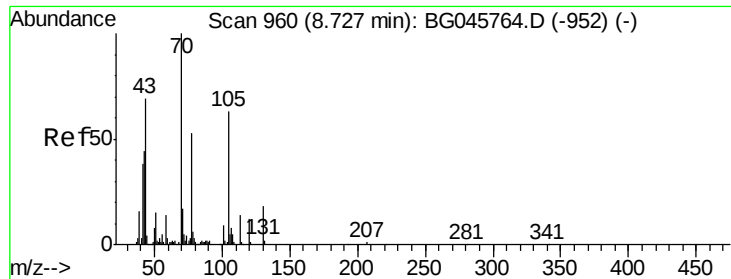
Tot Ion:	107	Resp:	134154
Ion	Ratio	Lower	Upper
107	100		
108	111.9	87.4	131.0
77	56.8	42.5	63.7
79	58.2	44.0	66.0



#18
Hexachloroethane
Concen: 43.079 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion:	117	Resp:	68575
Ion	Ratio	Lower	Upper
117	100		
119	89.4	78.9	118.3
201	119.6	95.5	143.3

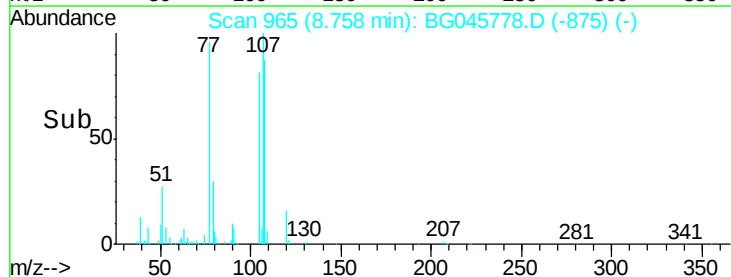
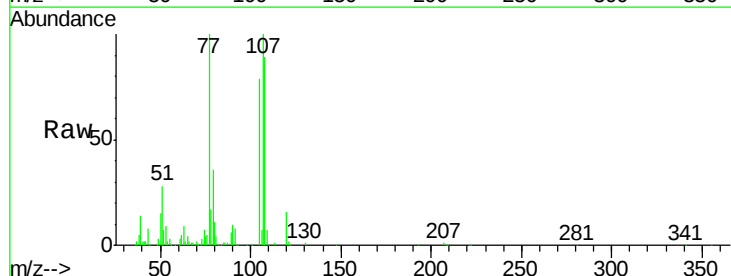
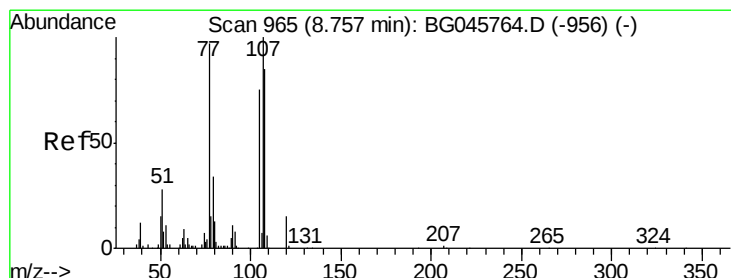
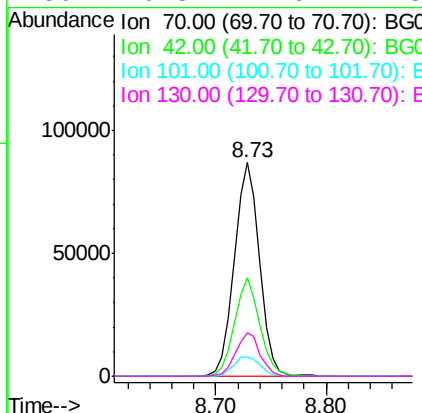




#19
n-Nitroso-di-n-propylamine
Concen: 42.051 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

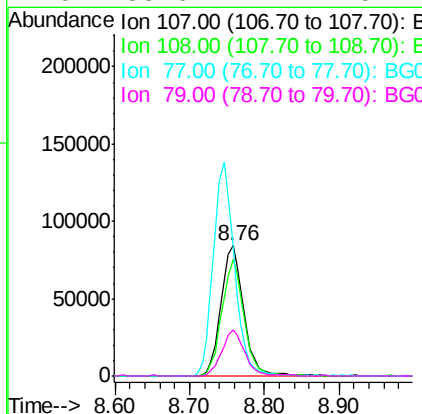
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

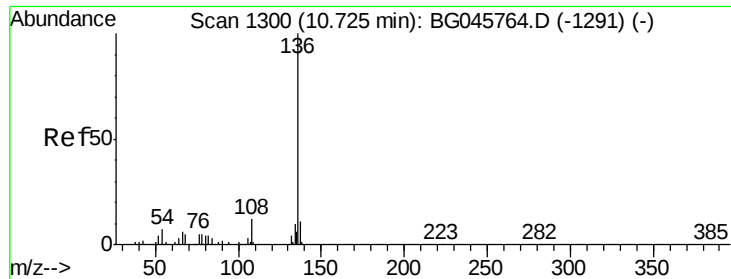
Tot Ion: 70 Resp: 138332
Ion Ratio Lower Upper
70 100
42 46.0 35.1 52.7
101 9.1 7.4 11.0
130 20.3 14.6 21.8



#20
3+4-Methylphenols
Concen: 37.585 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion: 107 Resp: 178346
Ion Ratio Lower Upper
107 100
108 89.1 65.4 105.4
77 99.6 77.2 117.2
79 35.6 14.2 54.2

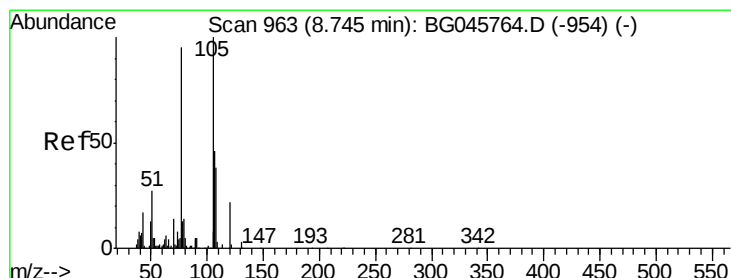
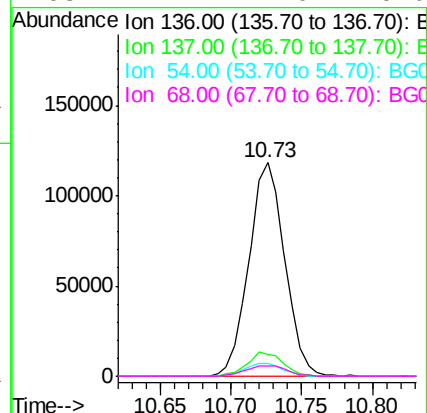
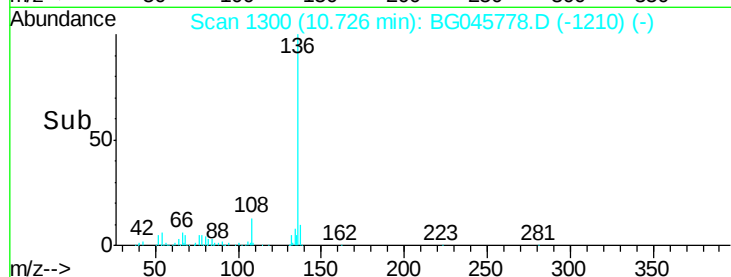
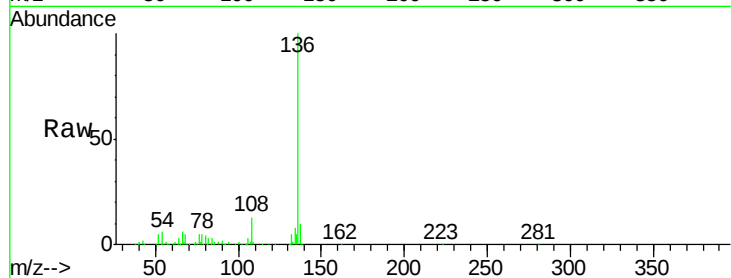




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

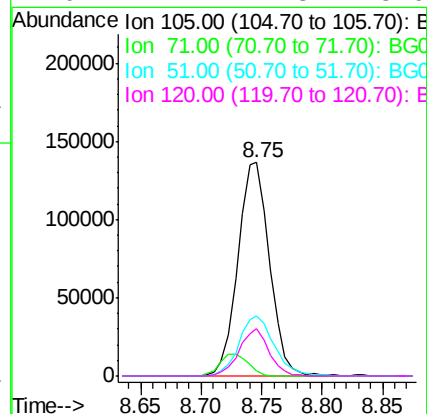
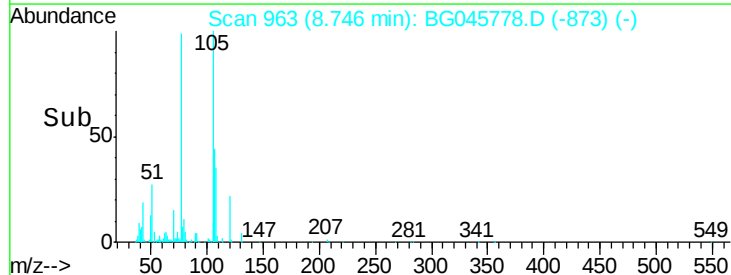
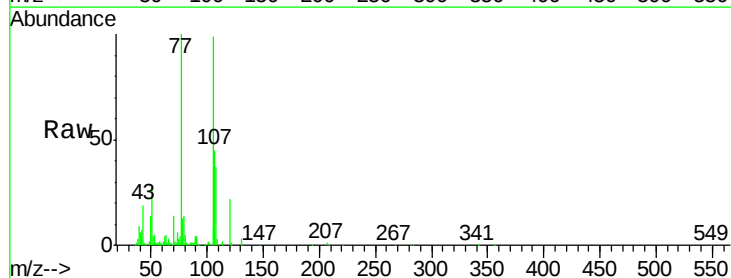
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

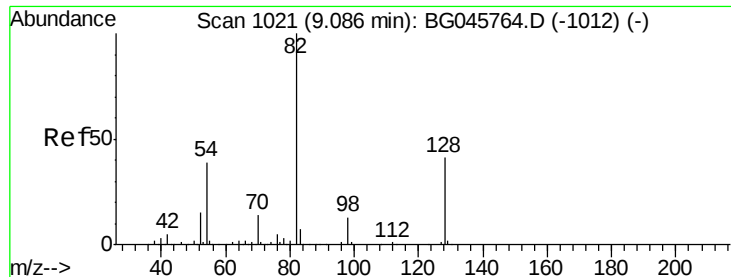
Tot Ion:136	Resp:	210590
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.7	13.1
54 6.0	5.8	8.6
68 4.7	4.0	6.0



#22
Acetophenone
Concen: 43.166 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt	Ion:105	Resp:	249501
Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.8	2.8
51	28.1	21.9	32.9
120	22.2	17.3	25.9

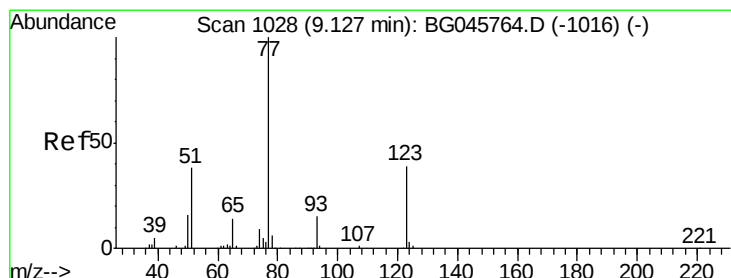
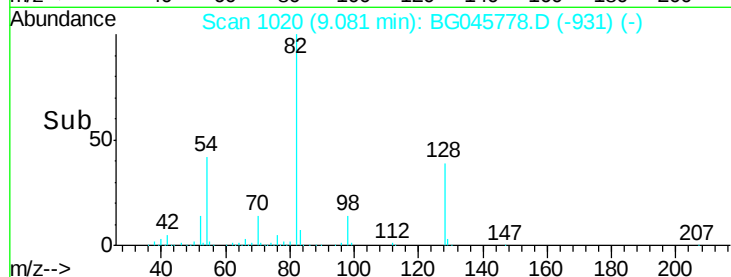
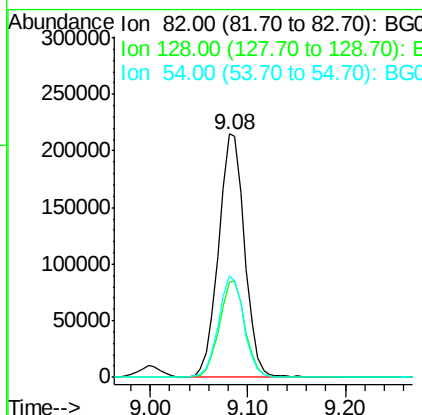
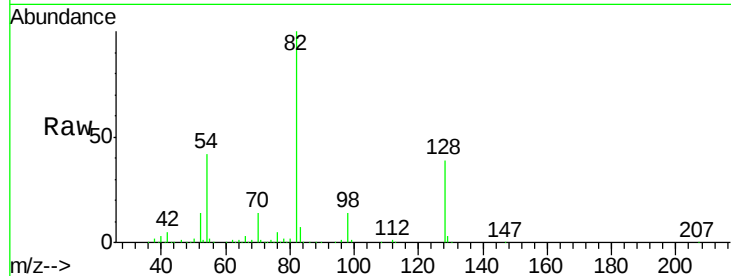




#23
Nitrobenzene-d5
Concen: 85.800 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

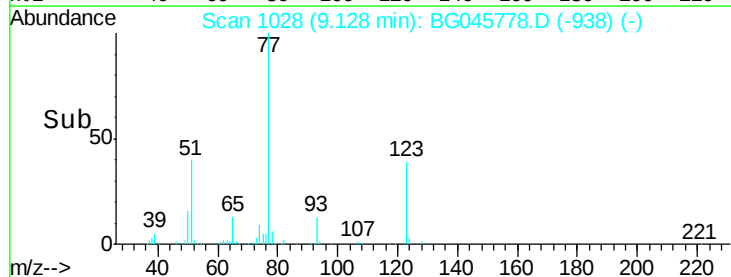
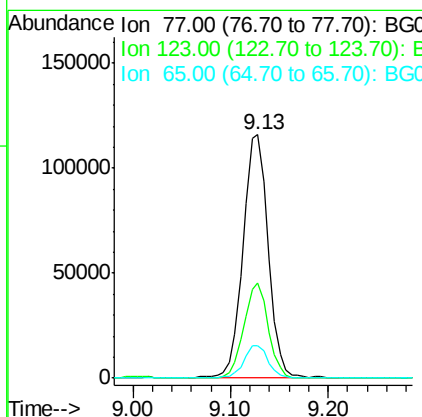
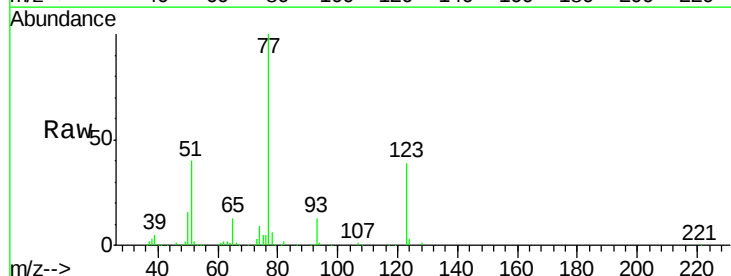
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

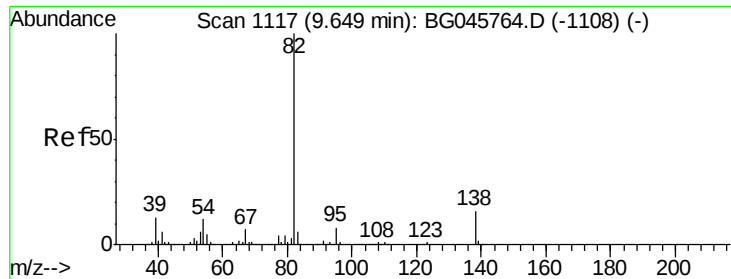
Tot Ion	82	Resp	395518
Ion Ratio	100	Lower	Upper
128	38.9	32.5	48.7
54	41.6	31.2	46.8



#24
Nitrobenzene
Concen: 42.360 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	77	Resp	208202
Ion Ratio	100	Lower	Upper
123	39.1	31.2	46.8
65	13.3	11.4	17.2





#25

Isophorone

Concen: 41.267 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

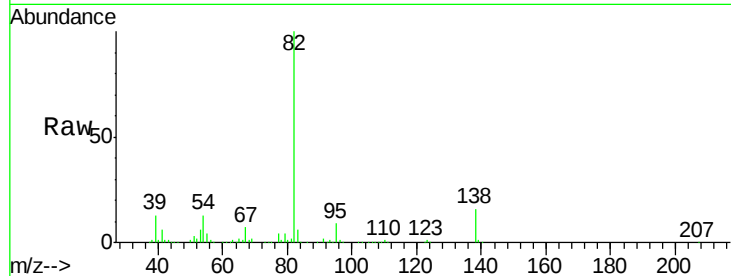
Tot Ion: 82 Resp: 368274

Ion Ratio Lower Upper

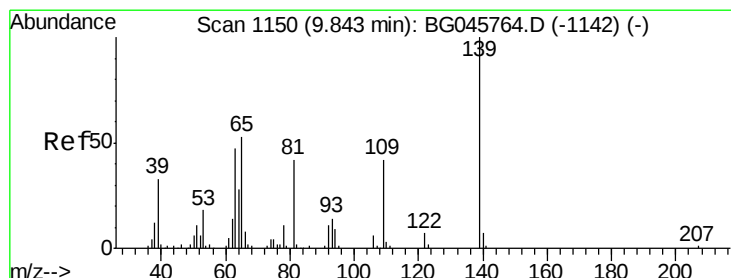
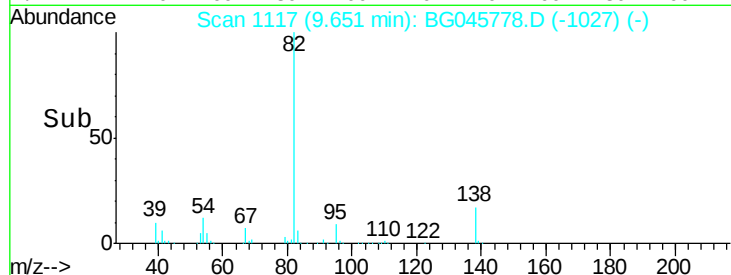
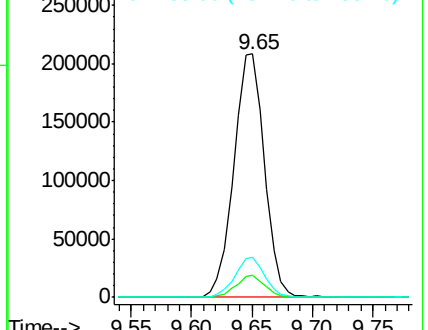
82 100

95 9.1 6.2 9.4

138 16.4 12.6 18.8



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



#26

2-Nitrophenol

Concen: 44.590 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

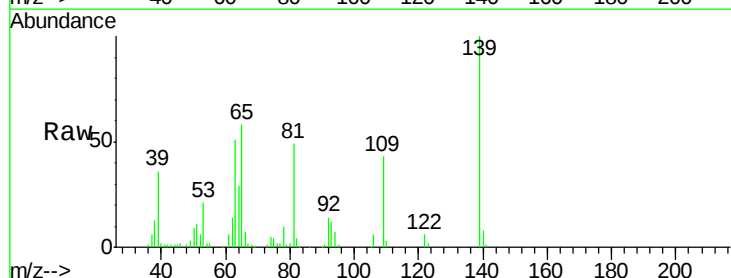
Tgt Ion: 139 Resp: 91307

Ion Ratio Lower Upper

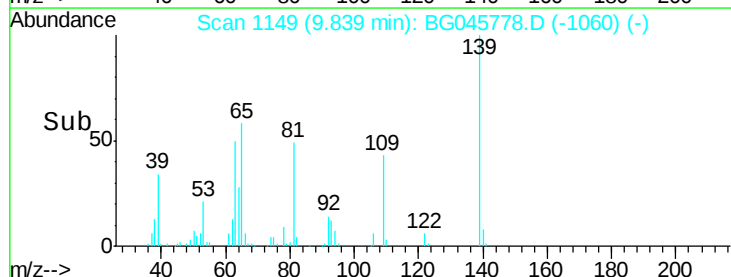
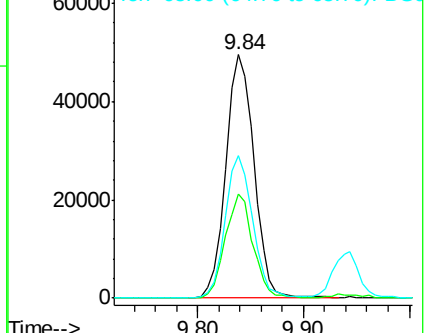
139 100

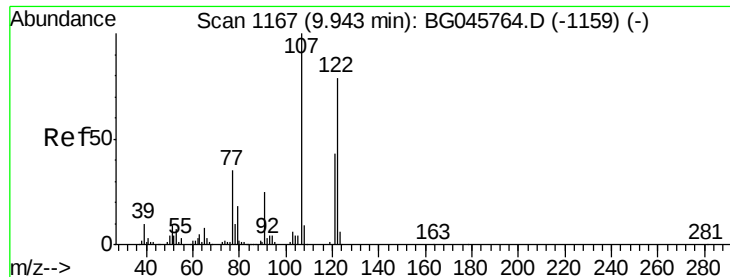
109 42.5 33.5 50.3

65 58.5 42.2 63.4



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





#27

2,4-Dimethylphenol

Concen: 43.777 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

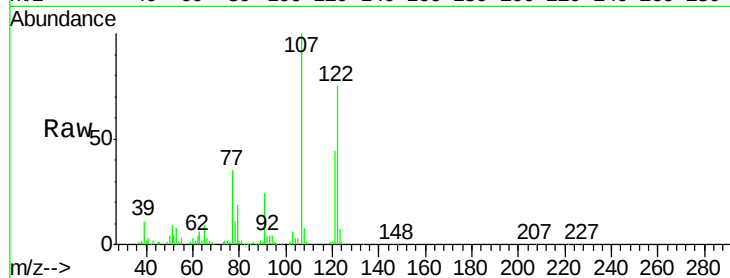
Tot Ion:122 Resp: 136860

Ion Ratio Lower Upper

122 100

107 132.6 101.3 151.9

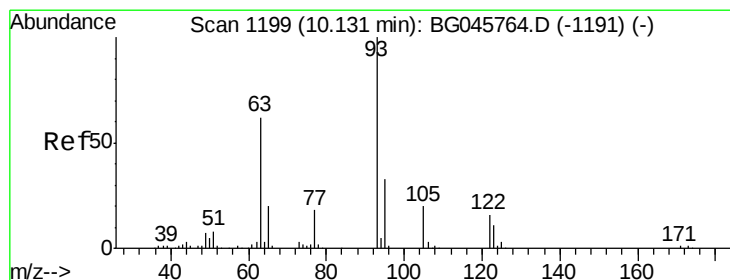
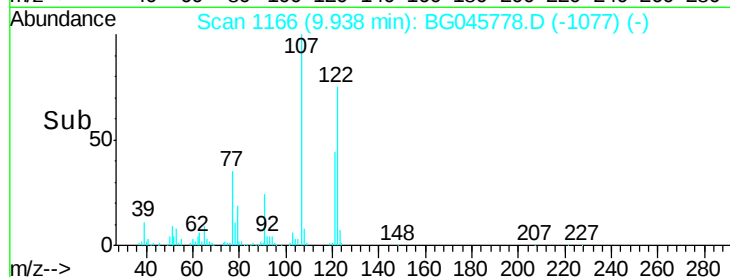
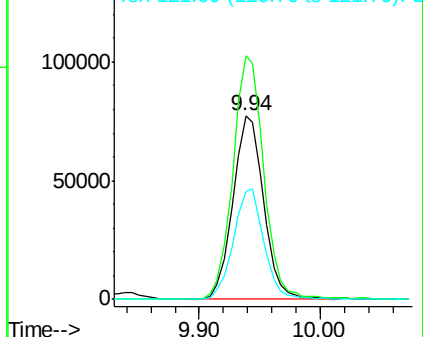
121 58.5 43.9 65.9



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: 43.881 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

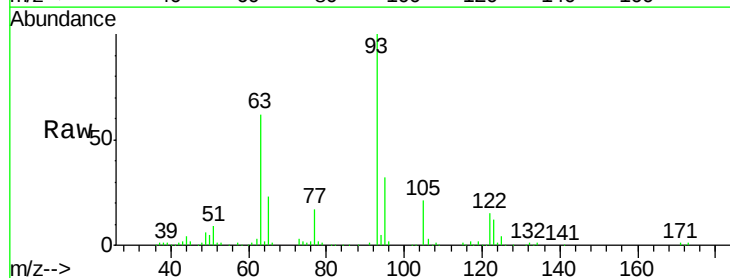
Tgt Ion: 93 Resp: 204552

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

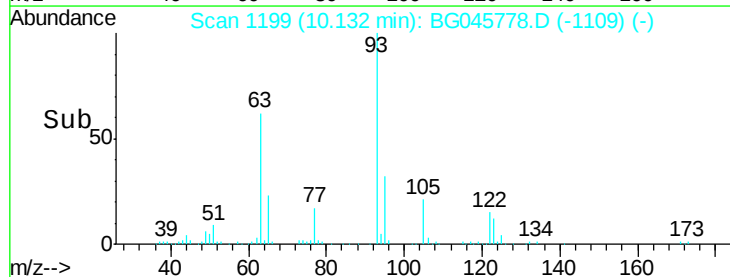
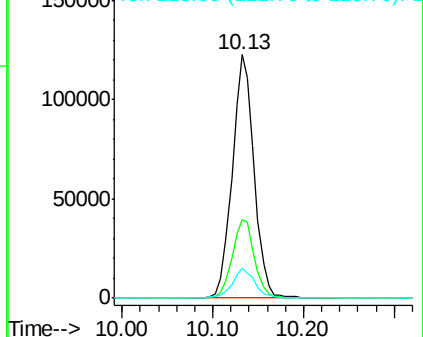
123 12.2 9.3 13.9

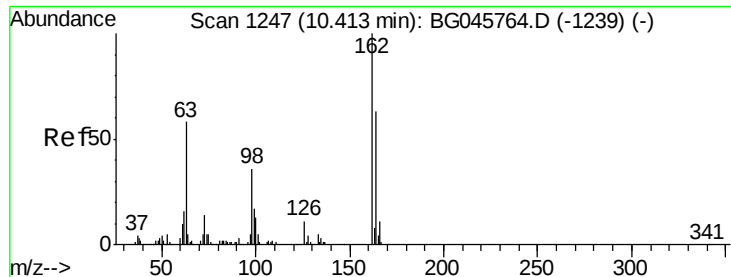


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

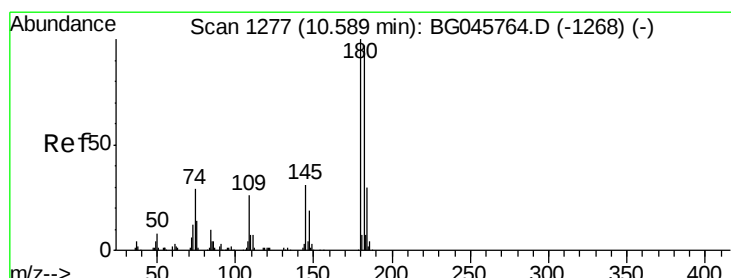
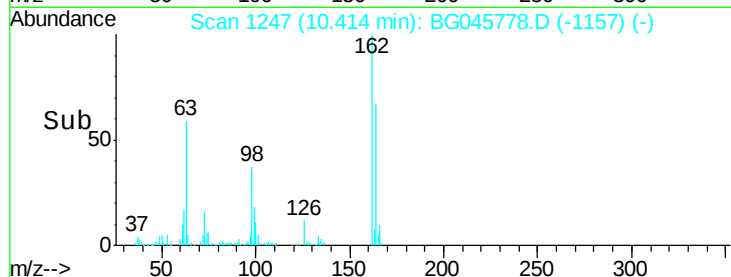
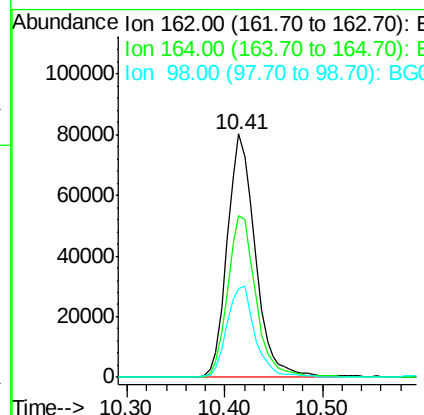
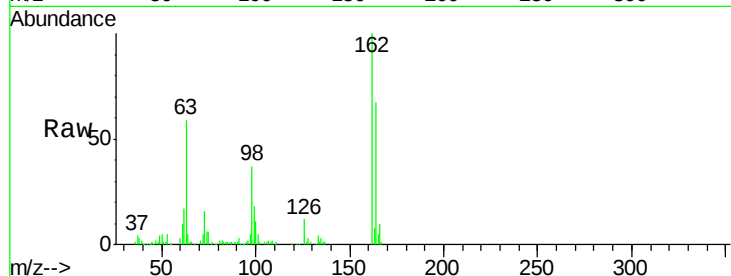




#29
 2,4-Dichlorophenol
 Concen: 43.883 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

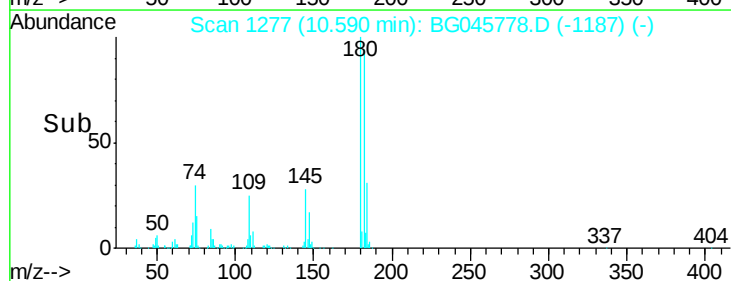
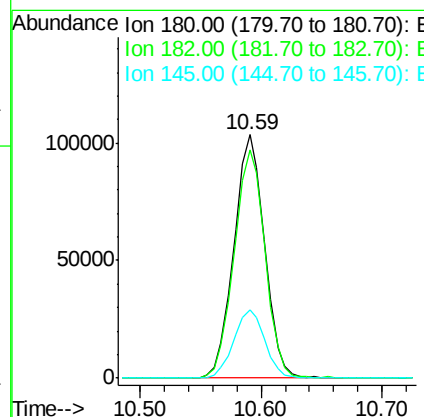
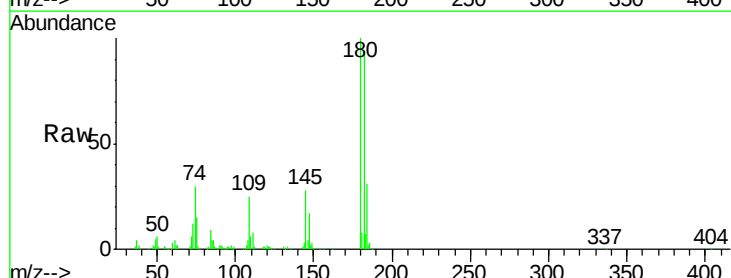
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

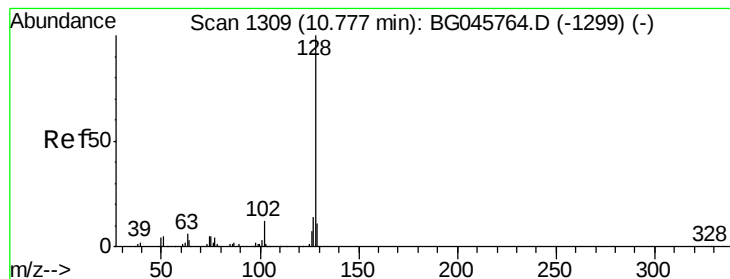
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	43.3	83.3
98	36.6	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.221 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.8	116.6
145	28.1	24.5	36.7





#31

Naphthalene

Concen: 42.594 ng

RT: 10.78 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

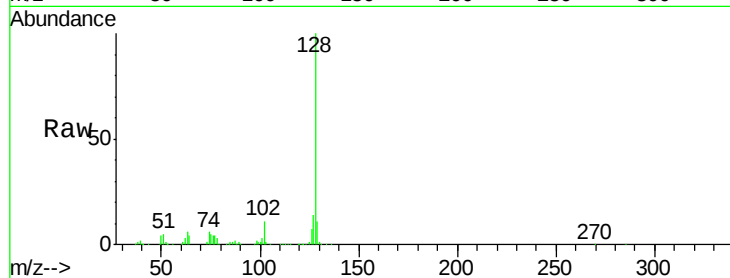
Tot Ion:128 Resp: 490396

Ion Ratio Lower Upper

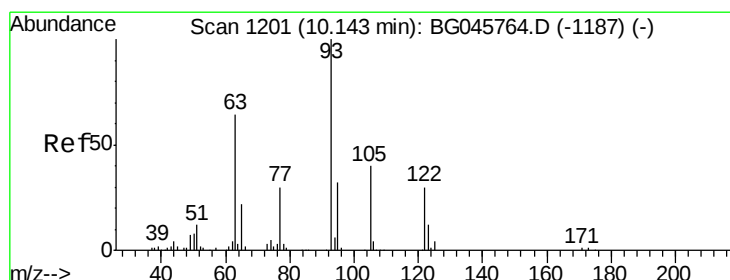
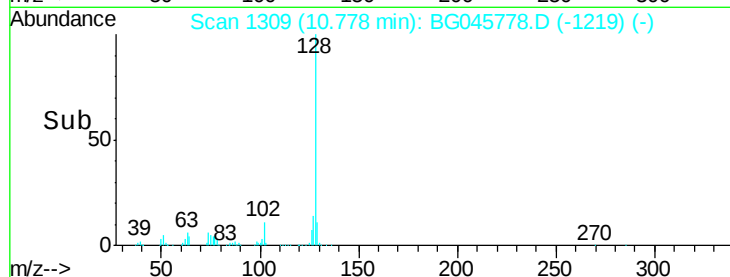
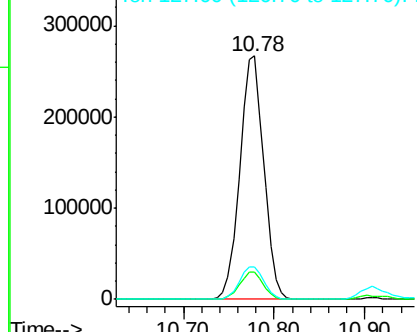
128 100

129 11.2 8.6 13.0

127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.454 ng

RT: 10.14 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

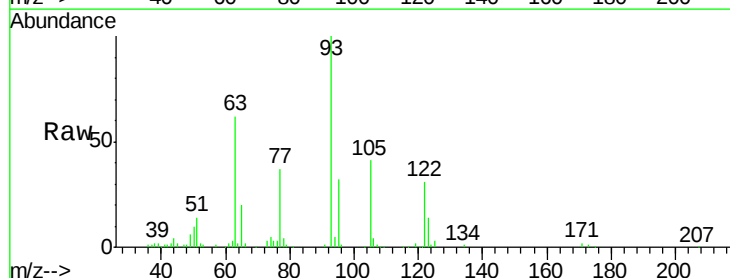
Tgt Ion:122 Resp: 78503

Ion Ratio Lower Upper

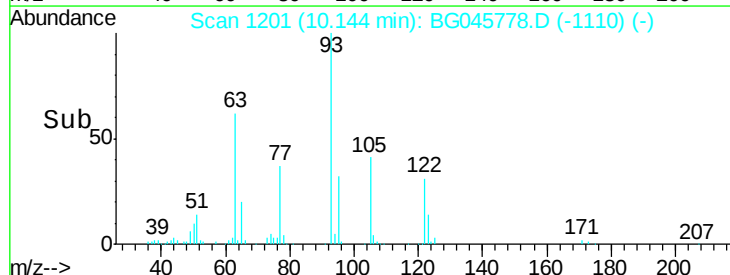
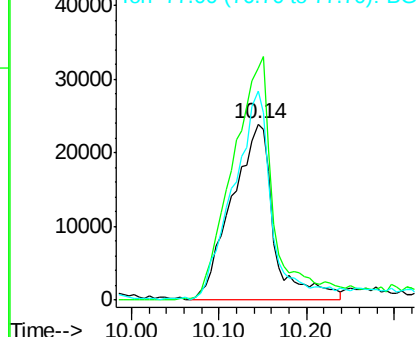
122 100

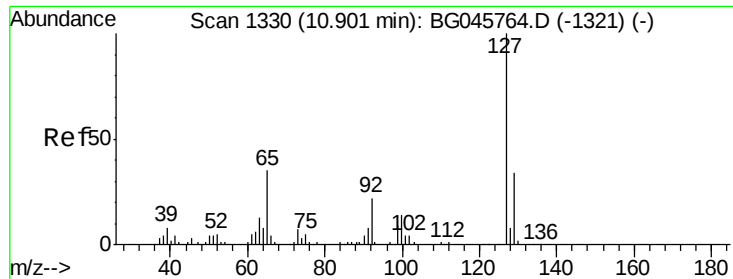
105 132.1 112.9 152.9

77 119.1 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

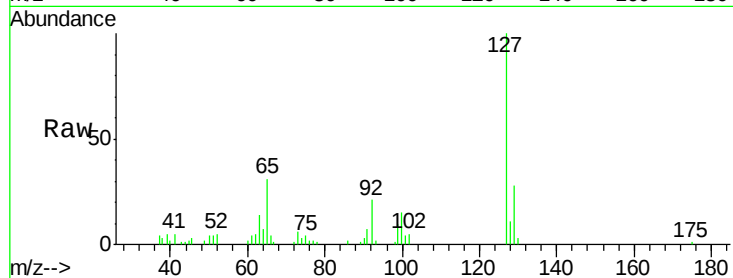




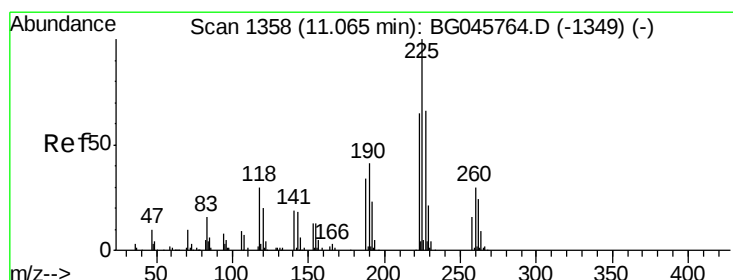
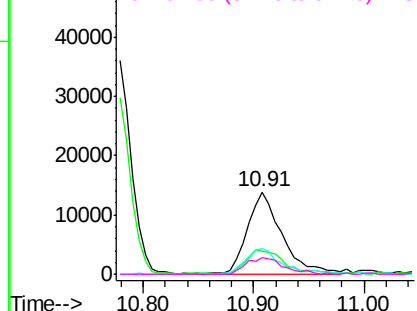
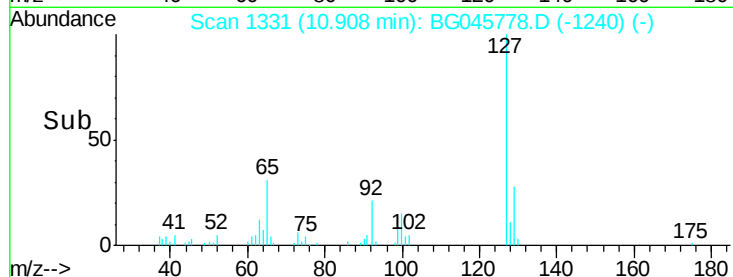
#33
4-Chloroaniline
Concen: 6.353 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion:127 Resp: 30628
Ion Ratio Lower Upper
127 100
129 28.2 26.8 40.2
65 31.2 27.8 41.8
92 21.0 17.3 25.9

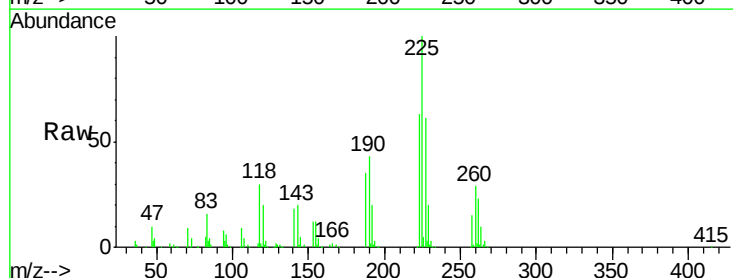


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

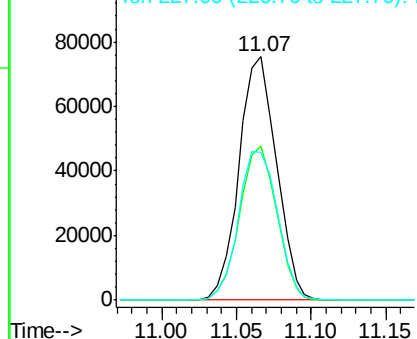
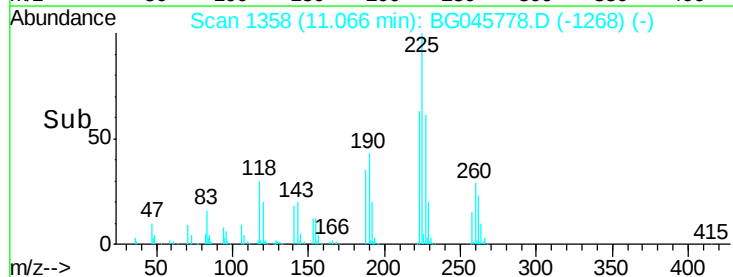


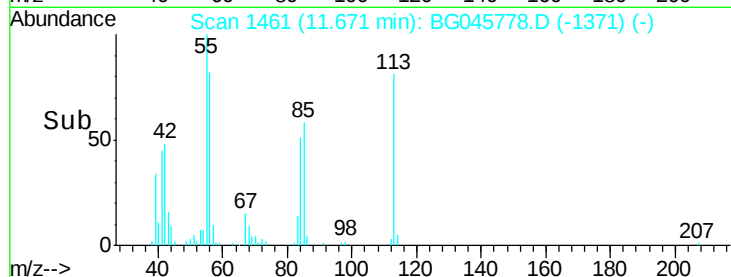
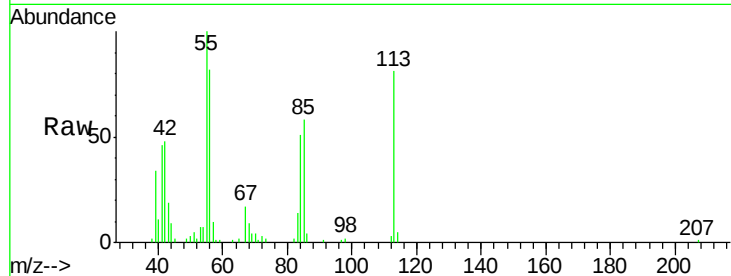
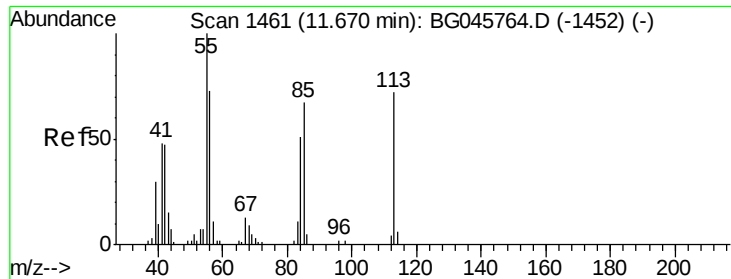
#34
Hexachlorobutadiene
Concen: 42.855 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion:225 Resp: 131605
Ion Ratio Lower Upper
225 100
223 63.5 52.0 78.0
227 60.8 52.5 78.7



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





#35

Caprolactam

Concen: 18.031 ng

RT: 11.67 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

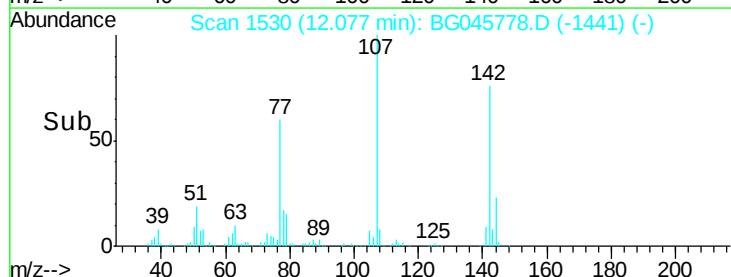
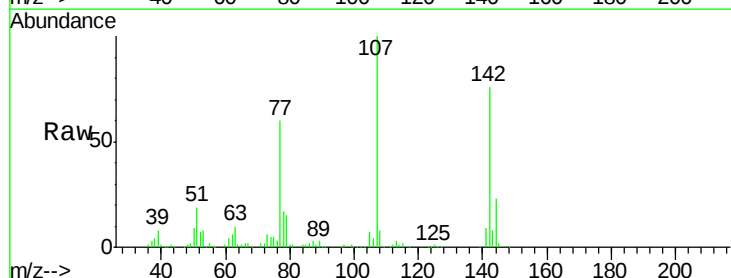
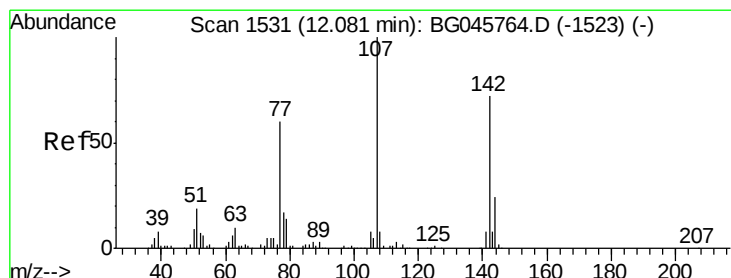
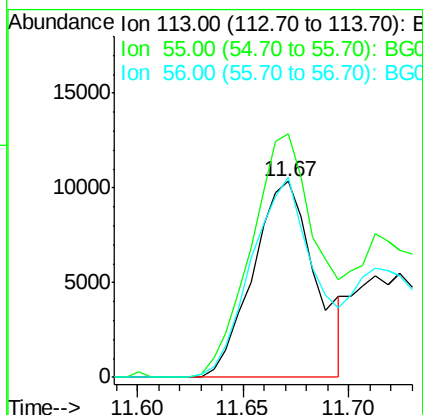
Tot Ion:113 Resp: 21283

Ion Ratio Lower Upper

113 100

55 124.2 119.7 159.7

56 101.8 82.5 122.5



#36

4-Chloro-3-methylphenol

Concen: 43.723 ng

RT: 12.08 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

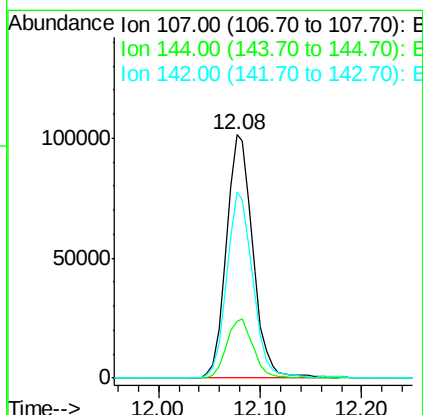
Tgt Ion:107 Resp: 184138

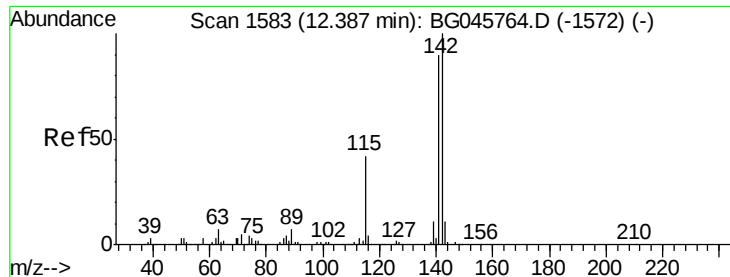
Ion Ratio Lower Upper

107 100

144 23.5 19.5 29.3

142 76.2 57.4 86.0

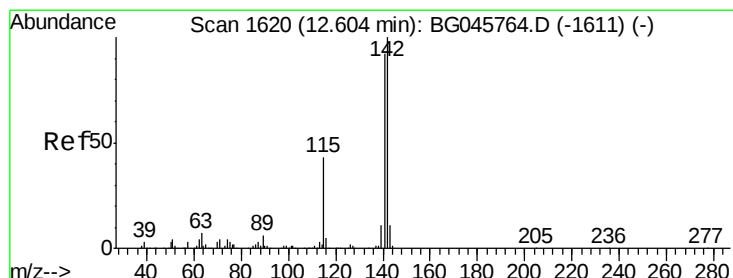
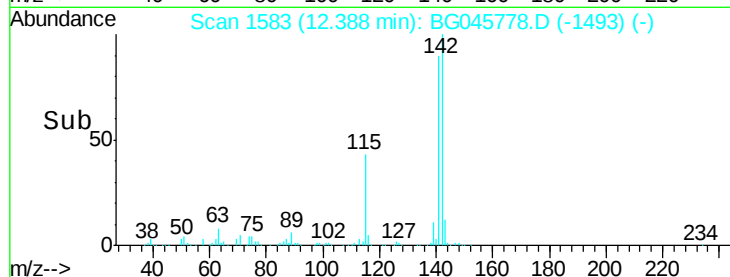
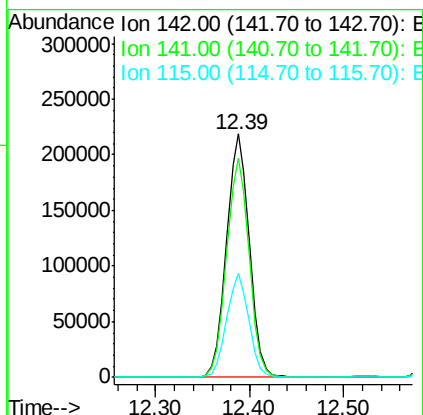
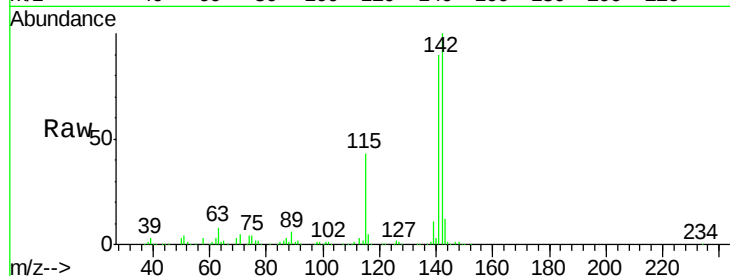




#37
2-Methylnaphthalene
Concen: 43.057 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

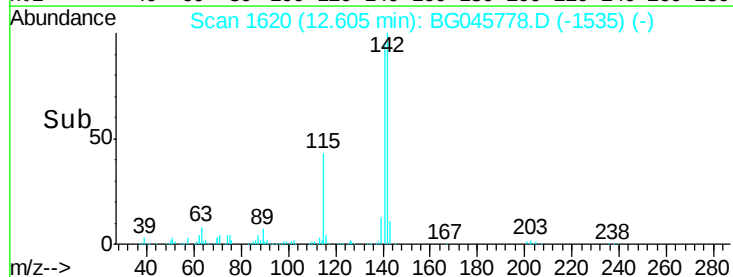
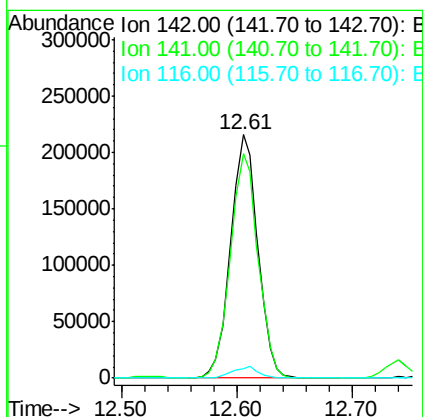
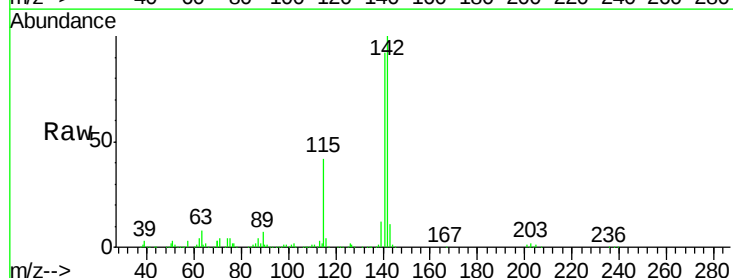
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

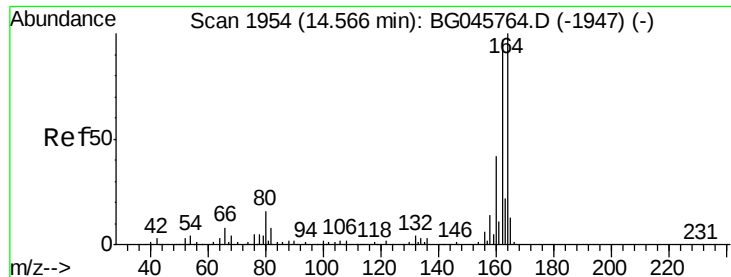
Tot Ion:142 Resp: 369135
Ion Ratio Lower Upper
142 100
141 90.3 71.7 107.5
115 42.6 33.8 50.6



#38
1-Methylnaphthalene
Concen: 43.482 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion:142 Resp: 352774
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.8
116 4.1 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

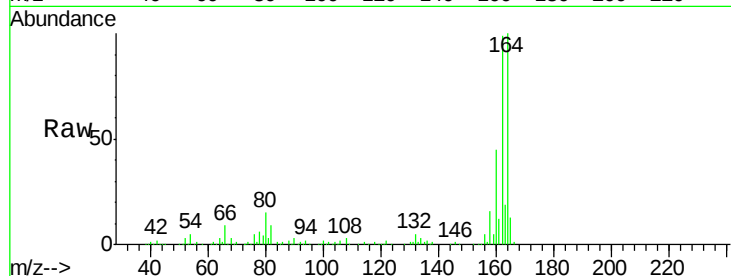
Tot Ion:164 Resp: 151159

Ion Ratio Lower Upper

164 100

162 98.6 77.4 116.0

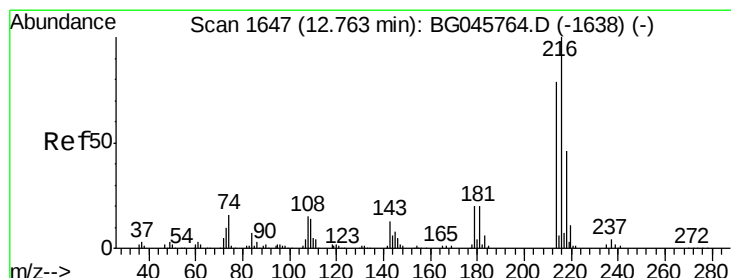
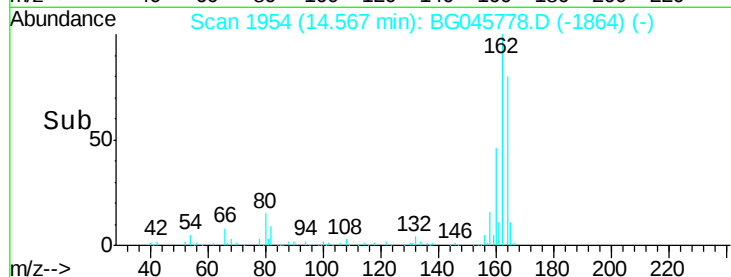
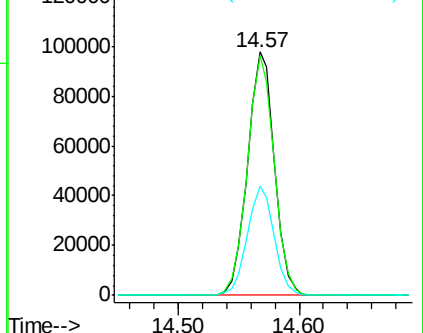
160 44.9 33.3 49.9



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: 42.105 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:216 Resp: 209571

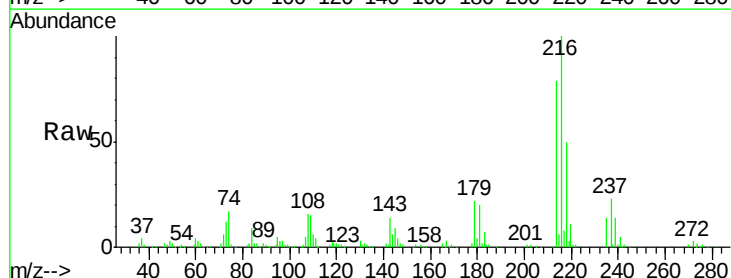
Ion Ratio Lower Upper

216 100

214 79.2 62.8 94.2

179 20.5 16.2 24.4

108 18.7 13.4 20.2

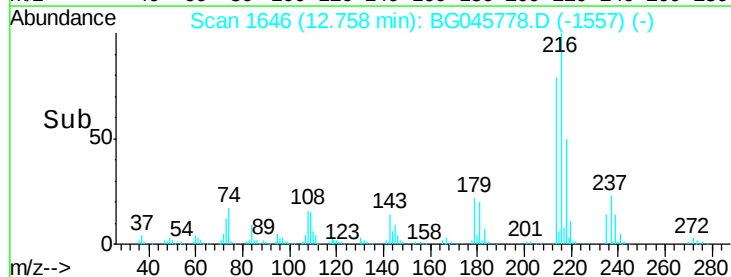
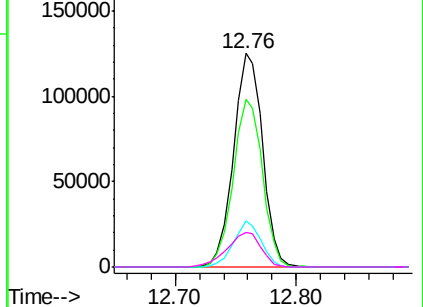


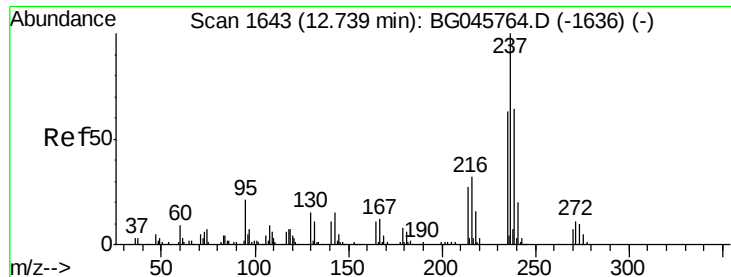
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.564 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

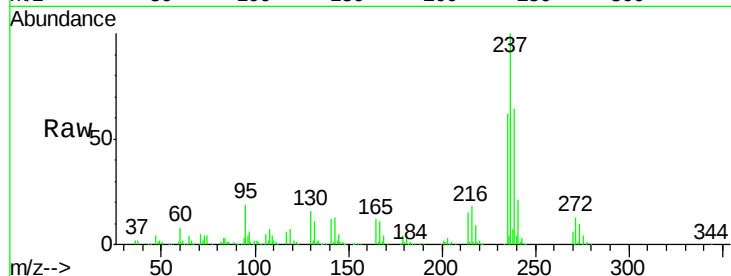
Tot Ion:237 Resp: 209387

Ion Ratio Lower Upper

237 100

235 62.1 42.9 82.9

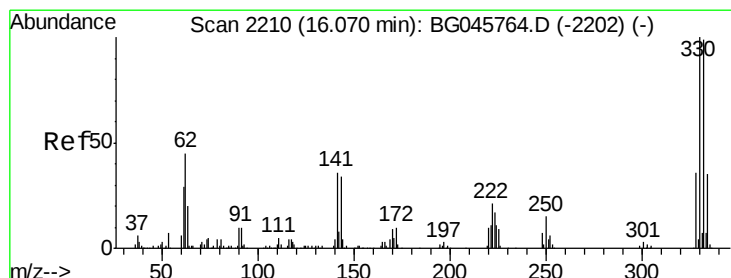
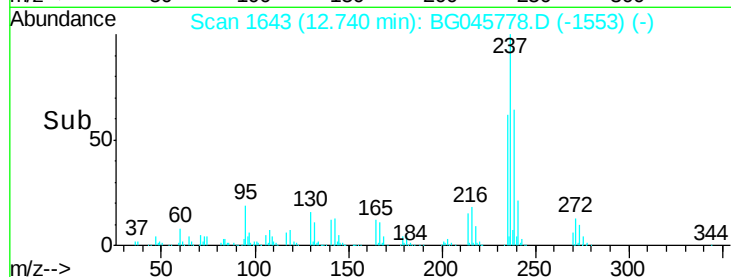
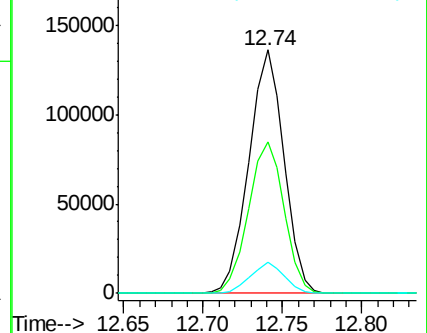
272 12.8 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.143 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

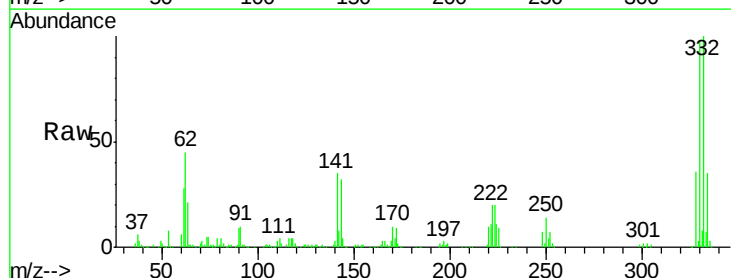
Tgt Ion:330 Resp: 290154

Ion Ratio Lower Upper

330 100

332 98.0 78.6 117.8

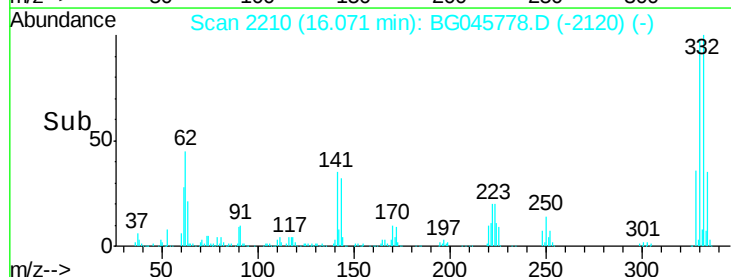
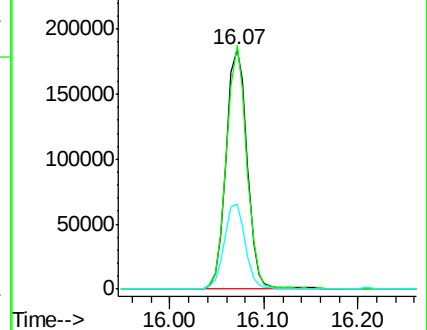
141 35.3 28.2 42.4

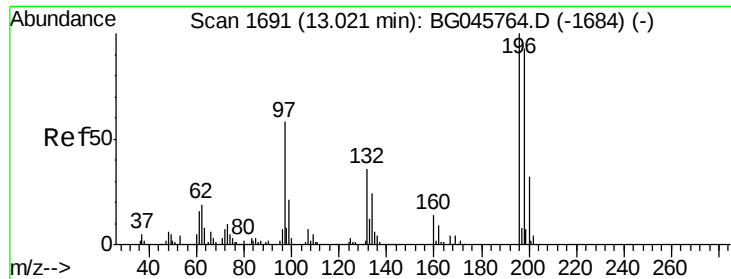


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

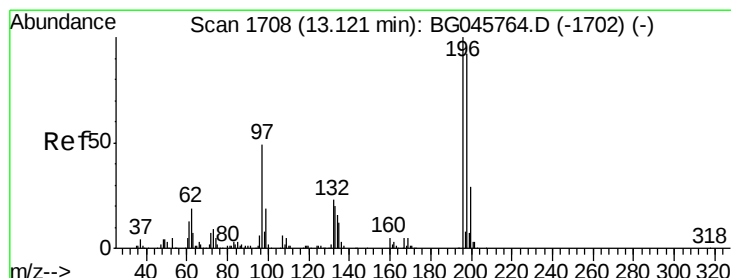
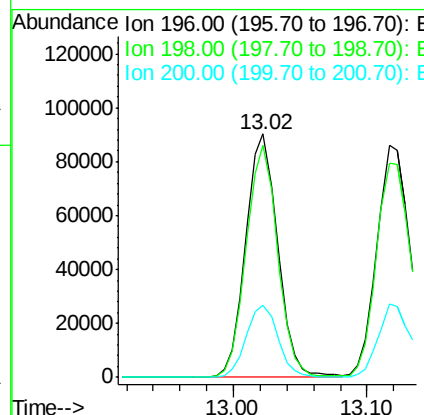
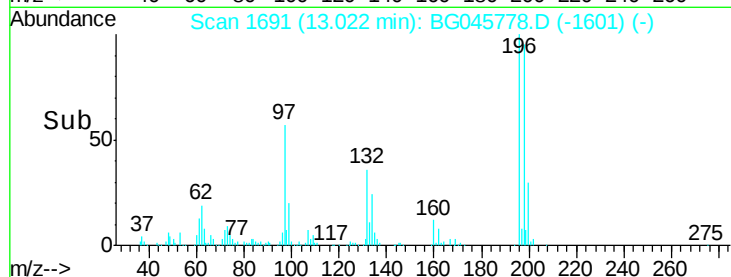
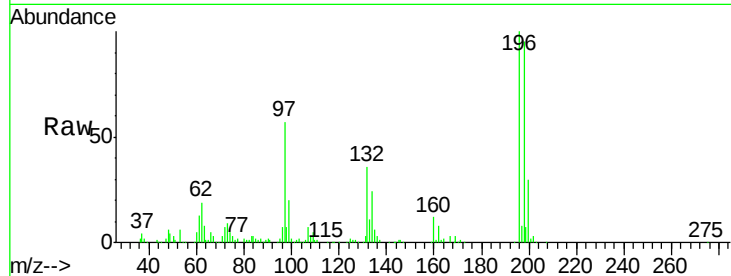




#43
 2,4,6-Trichlorophenol
 Concen: 44.232 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

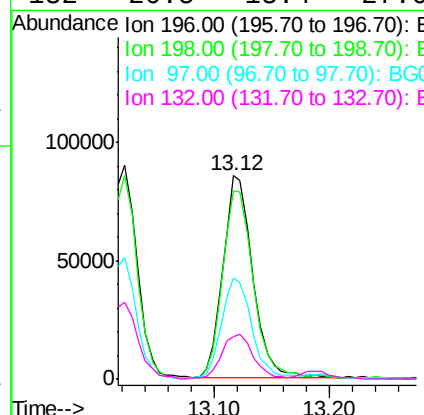
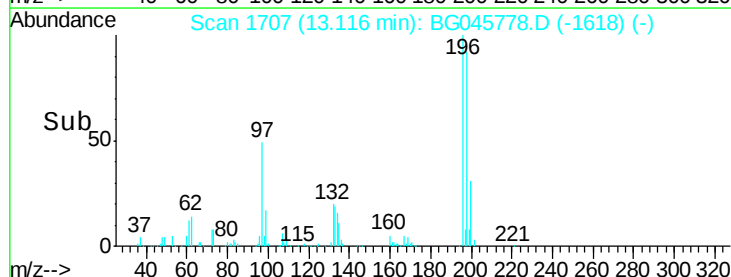
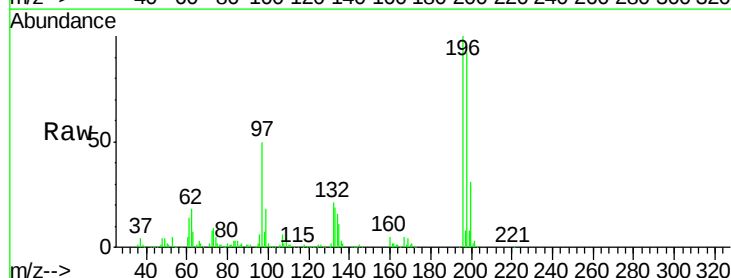
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

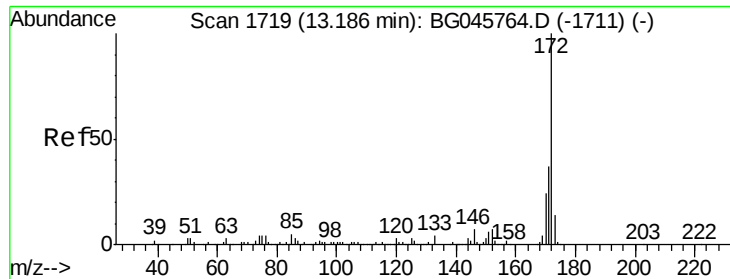
Tot Ion	196	Resp	149265
Ion Ratio	Lower	Upper	
196	100		
198	95.2	74.4	111.6
200	29.7	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.828 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	196	Resp	153183
Ion Ratio	Lower	Upper	
196	100		
198	92.4	74.0	111.0
97	49.8	39.0	58.6
132	20.5	18.4	27.6

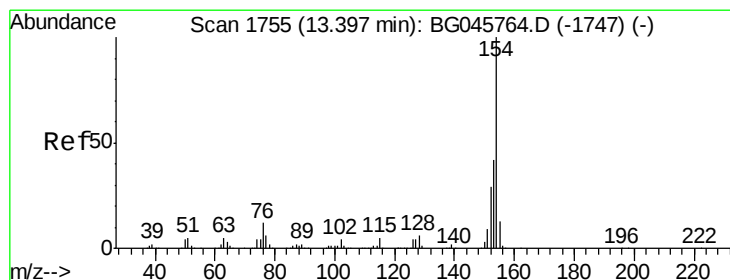
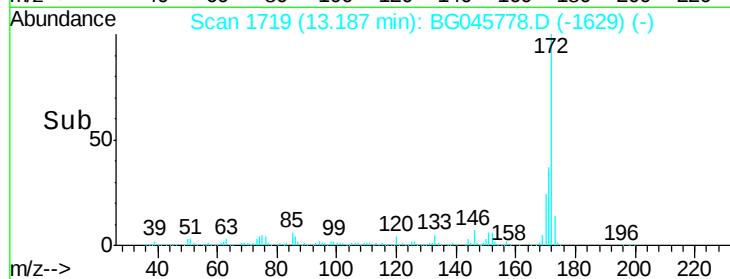
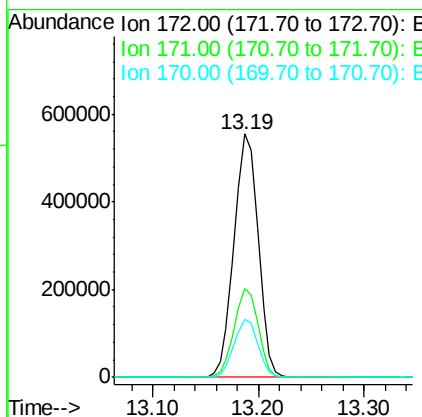
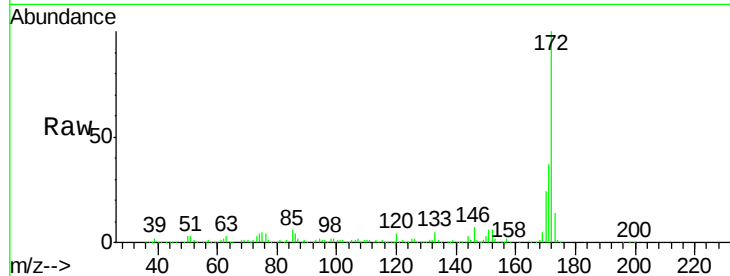




#45
2-Fluorobiphenyl
Concen: 85.130 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

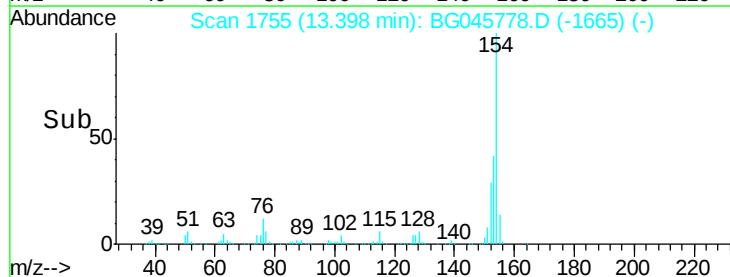
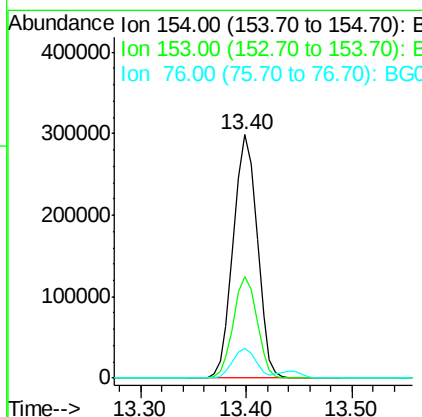
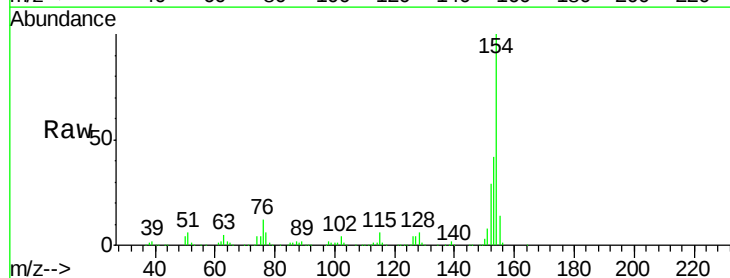
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

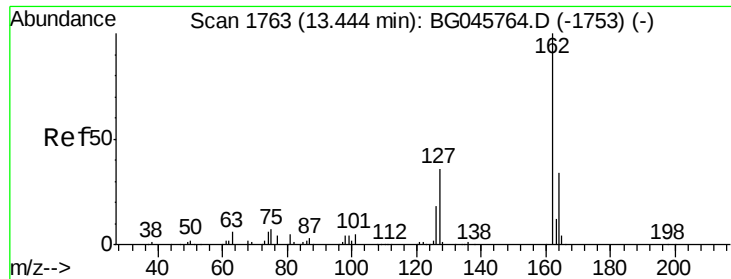
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	23.7	19.3	28.9



#46
1,1'-Biphenyl
Concen: 43.391 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.7	61.7
76	12.3	0.0	32.0

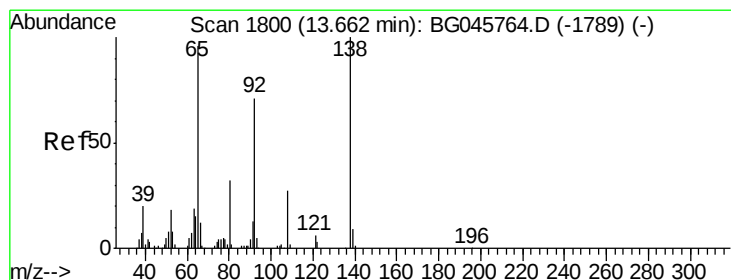
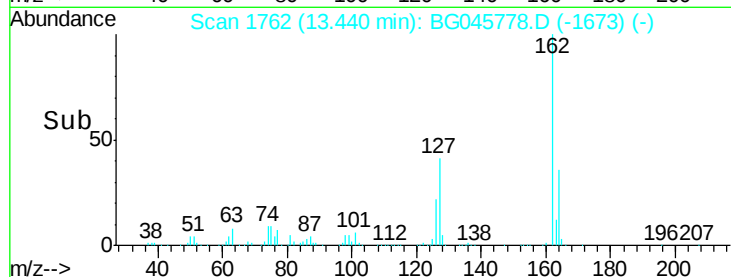
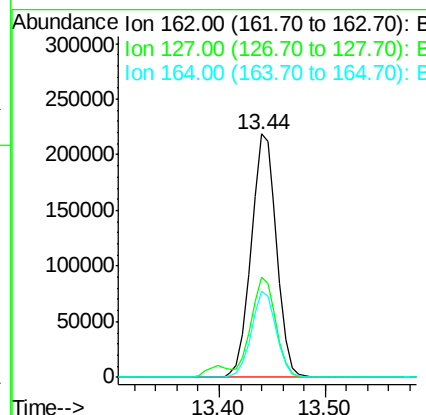
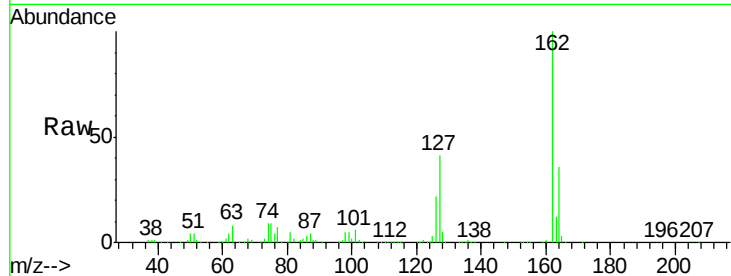




#47
2-Chloronaphthalene
Concen: 41.712 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

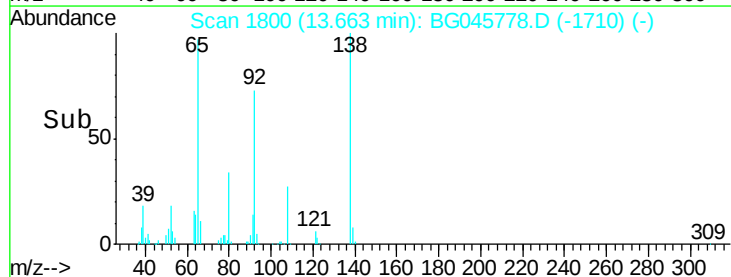
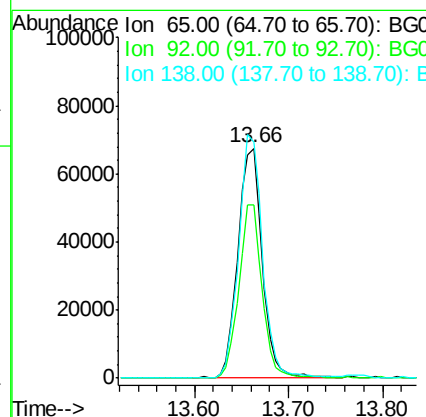
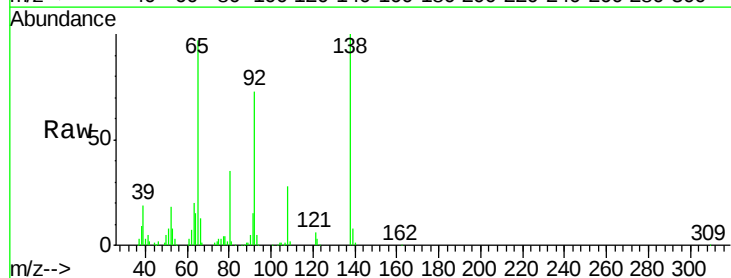
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

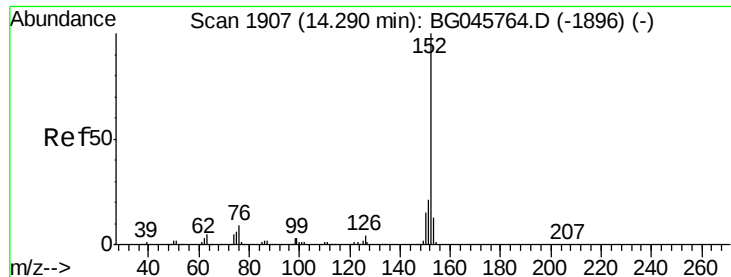
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	30.5	45.7
164	35.5	27.2	40.8



#48
2-Nitroaniline
Concen: 42.054 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	59.0	88.6
138	102.8	83.6	125.4





#49

Acenaphthylene

Concen: 41.856 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

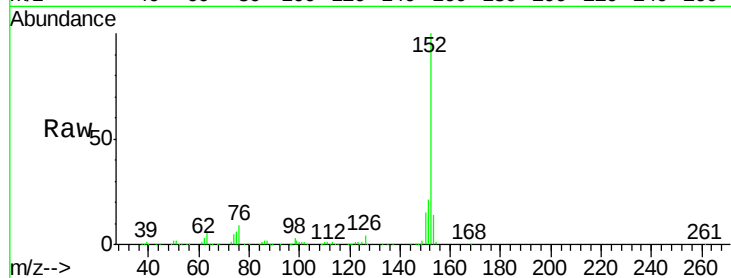
Tot Ion:152 Resp: 586087

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.4

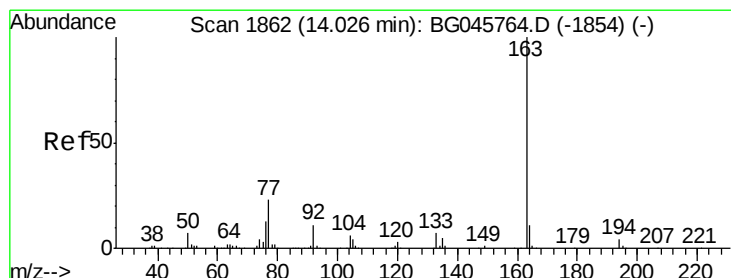
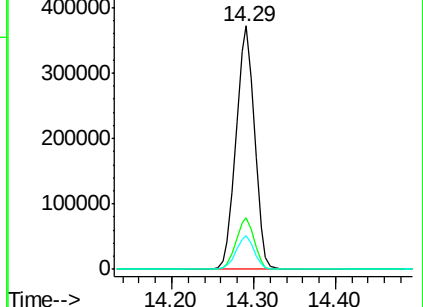
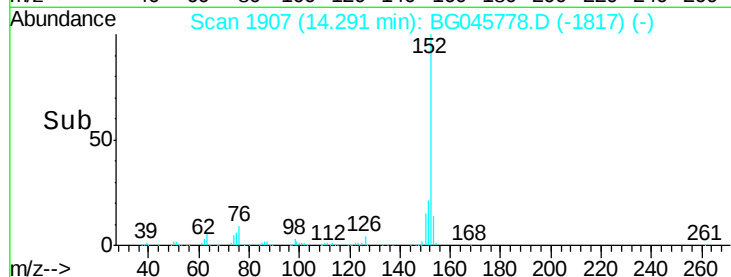
153 13.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.048 ng

RT: 14.03 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

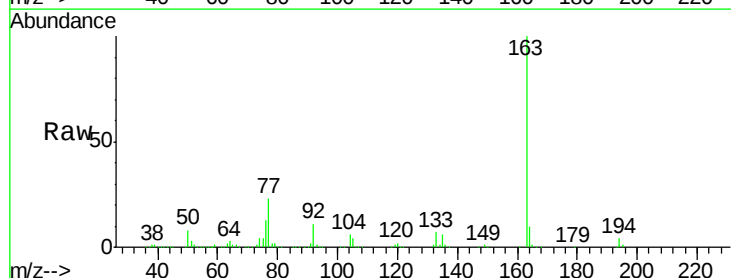
Tgt Ion:163 Resp: 592658

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

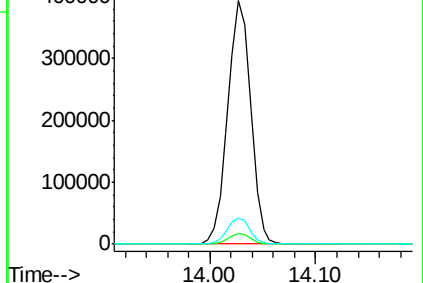
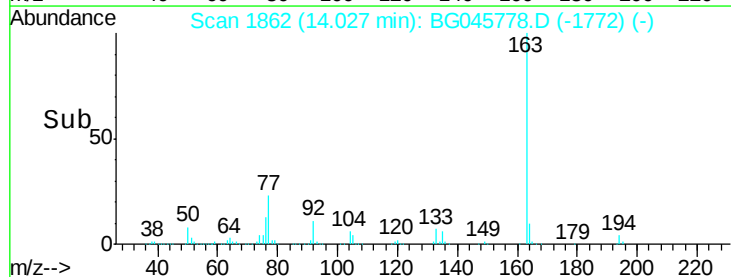
164 10.5 8.9 13.3

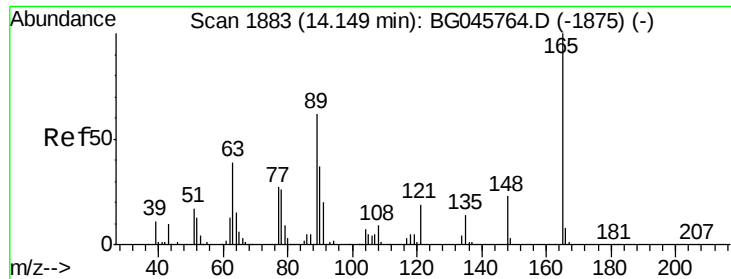


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

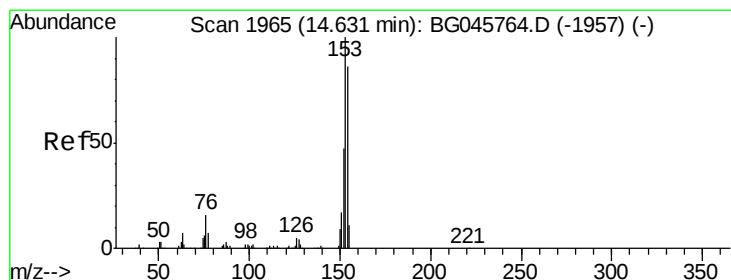
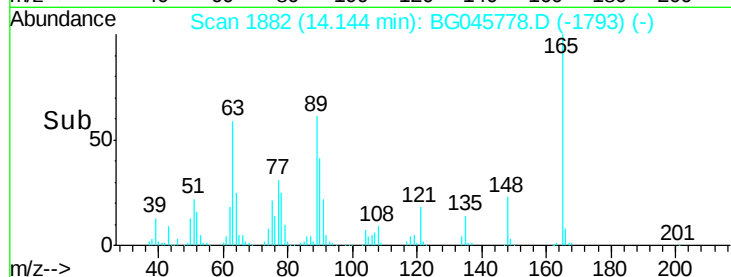
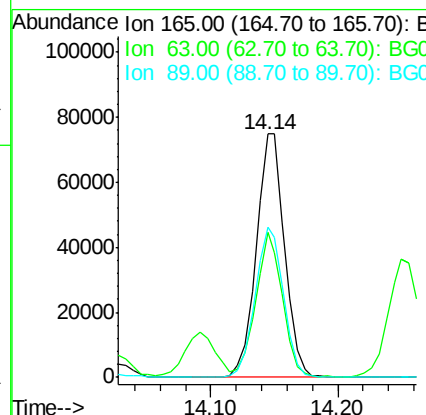
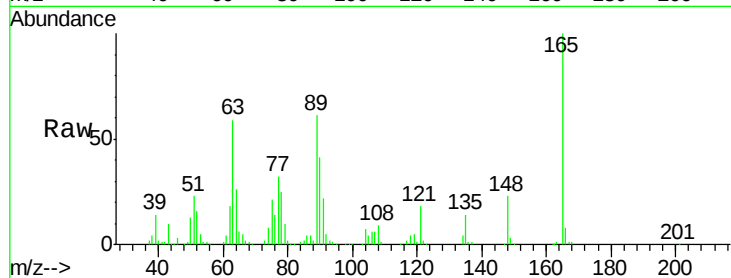




#51
2,6-Dinitrotoluene
Concen: 43.590 ng
RT: 14.14 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

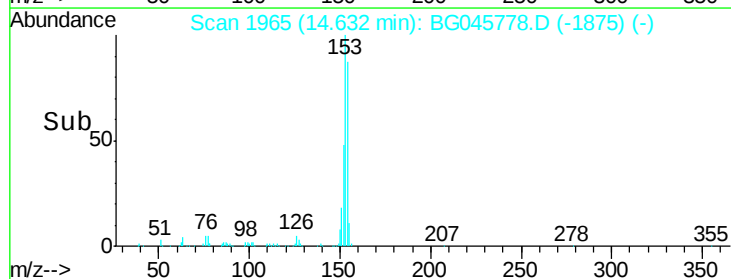
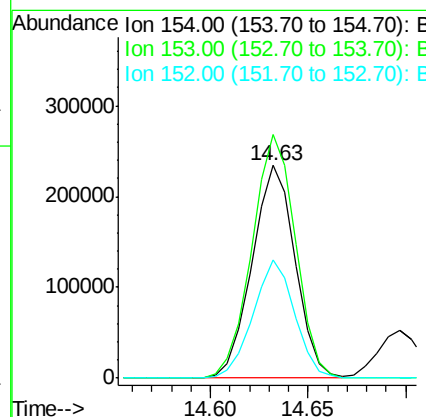
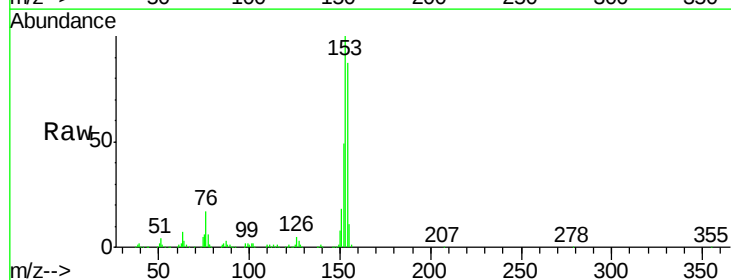
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

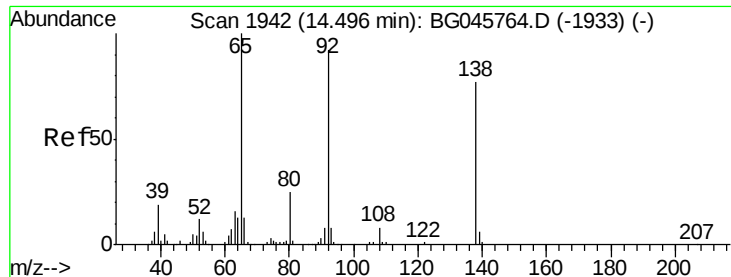
Tot Ion:165 Resp: 115936
Ion Ratio Lower Upper
165 100
63 59.3 41.2 61.8
89 61.5 49.7 74.5



#52
Acenaphthene
Concen: 42.135 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion:154 Resp: 357619
Ion Ratio Lower Upper
154 100
153 114.5 93.0 139.4
152 55.8 43.7 65.5

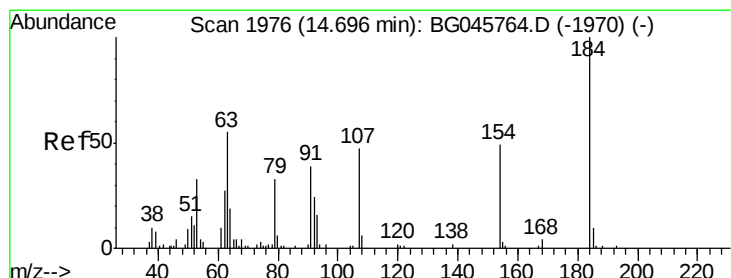
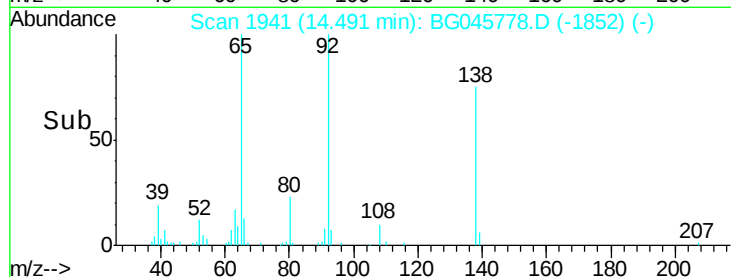
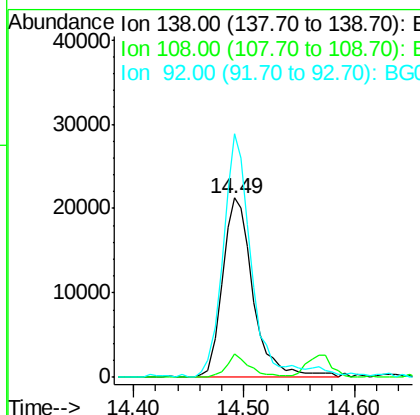
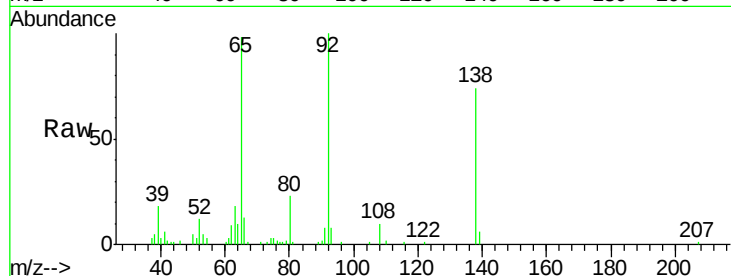




#53
3-Nitroaniline
Concen: 15.503 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

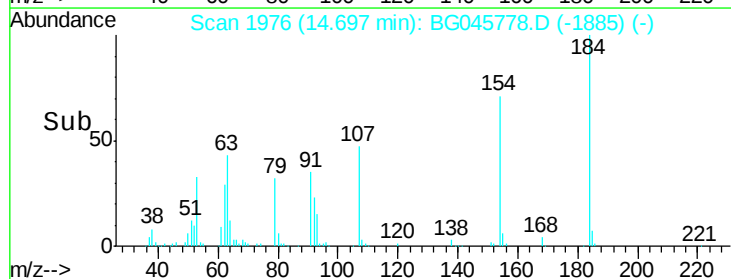
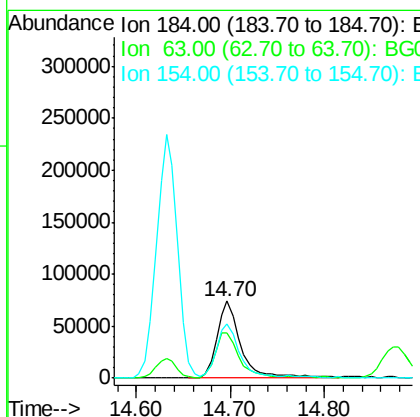
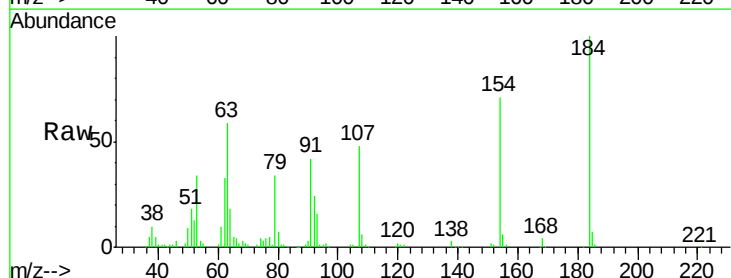
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

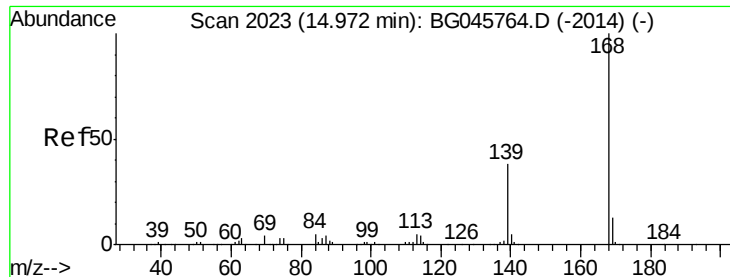
Tot Ion:138 Resp: 41185
Ion Ratio Lower Upper
138 100
108 13.2 8.4 12.6#
92 135.9 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 87.271 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion:184 Resp: 130607
Ion Ratio Lower Upper
184 100
63 58.6 46.6 70.0
154 71.1 58.6 87.8

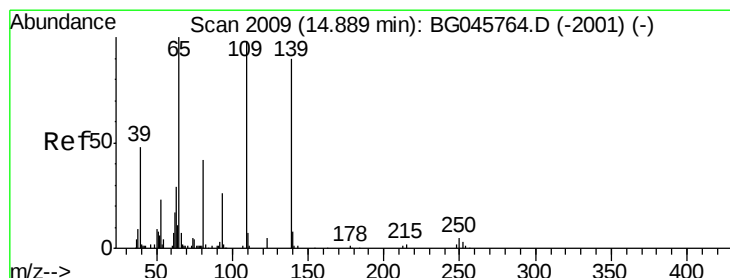
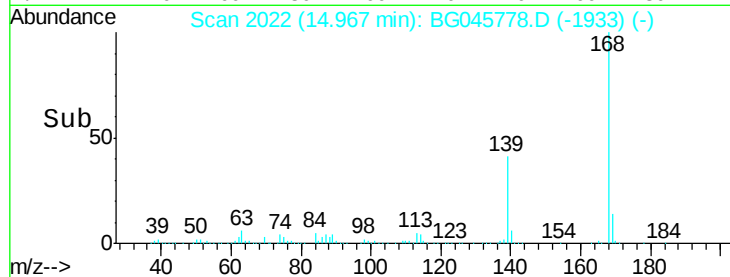
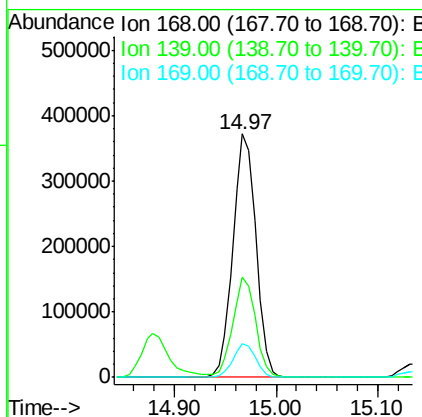
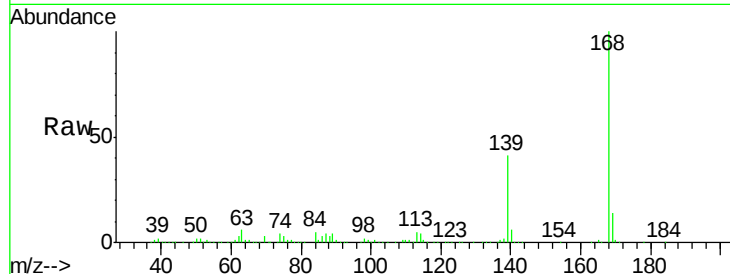




#55
Dibenzenofuran
Concen: 42.580 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

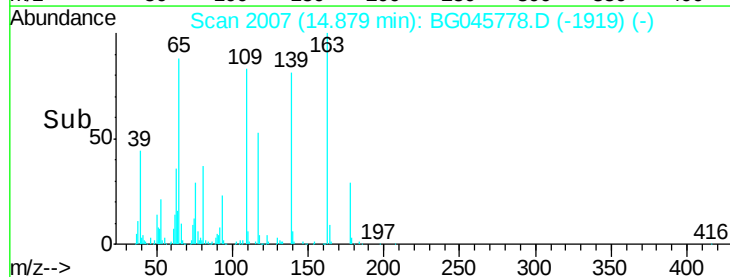
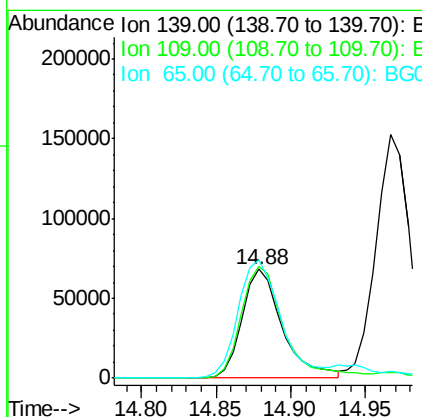
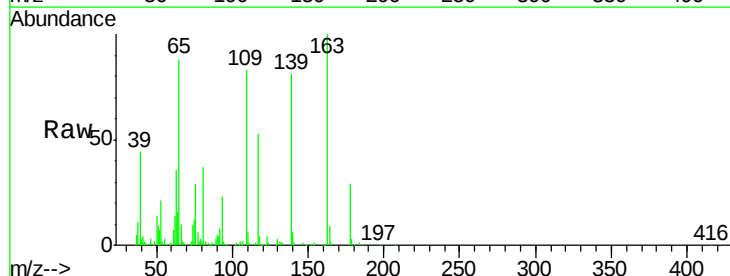
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

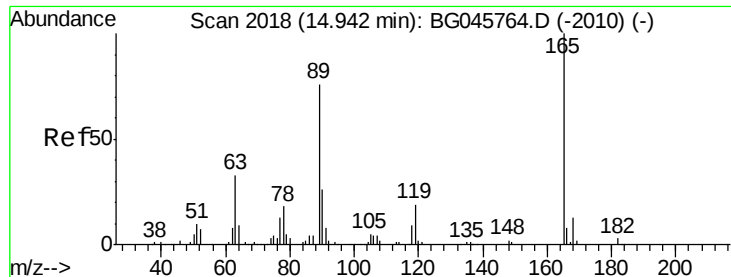
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.8	47.6
169	13.8	10.4	15.6



#56
4-Nitrophenol
Concen: 67.485 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.3	88.9	128.9
65	109.1	92.3	132.3

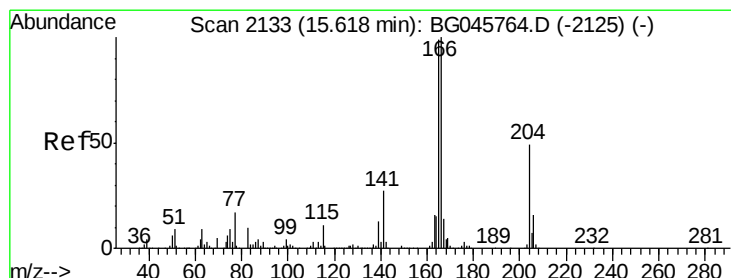
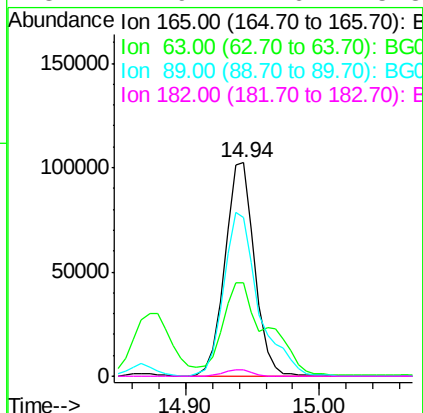
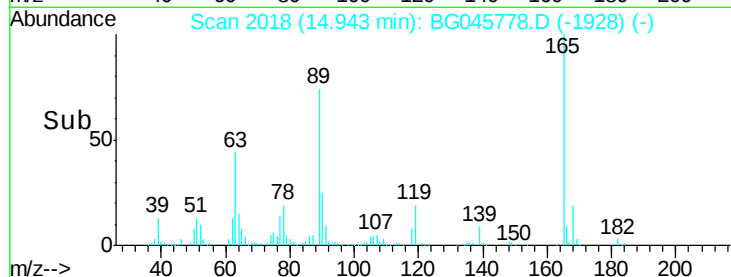
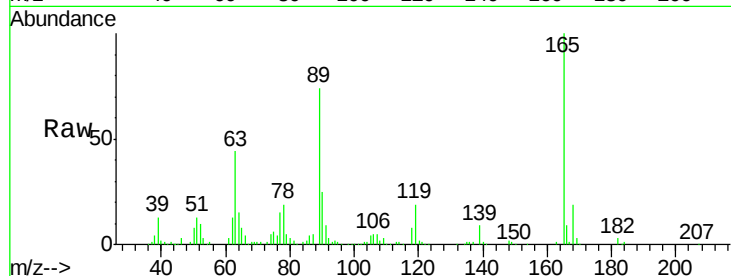




#57
 2,4-Dinitrotoluene
 Concen: 41.809 ng
 RT: 14.94 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

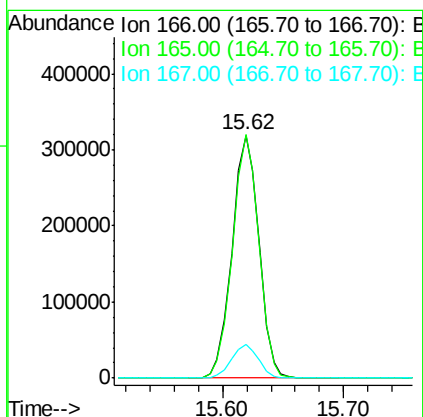
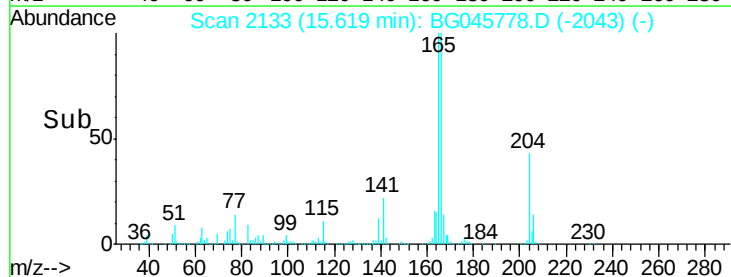
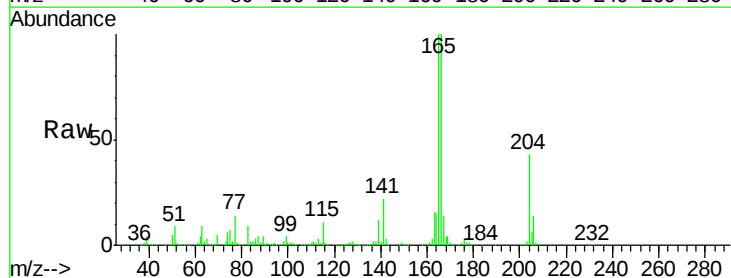
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

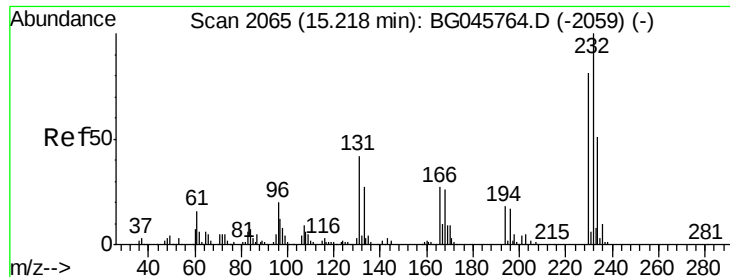
Tot Ion:	165	Resp:	159324
Ion	Ratio	Lower	Upper
165	100		
63	43.8	33.8	50.8
89	74.5	60.4	90.6
182	2.9	2.6	3.8



#58
 Fluorene
 Concen: 42.999 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion:	166	Resp:	492993
Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.1	118.7
167	14.1	11.5	17.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.066 ng

RT: 15.22 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

Tot Ion:232 Resp: 150439

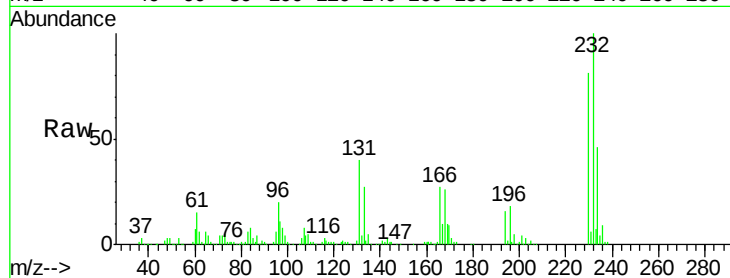
Ion Ratio Lower Upper

232 100

131 40.8 32.2 48.2

130 2.6 2.2 3.4

166 27.4 21.3 31.9

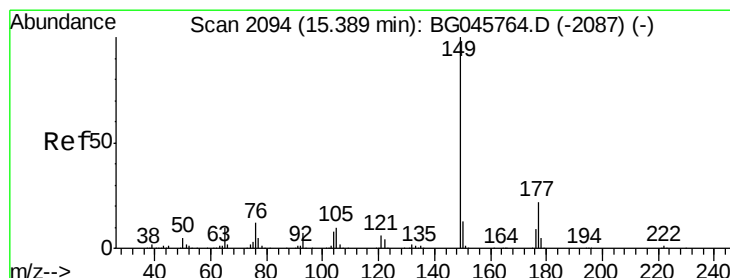
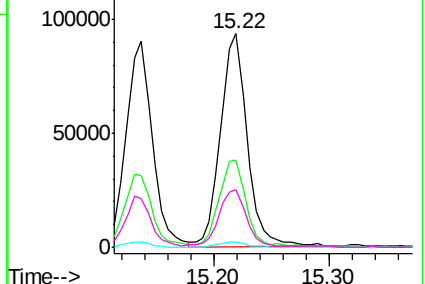
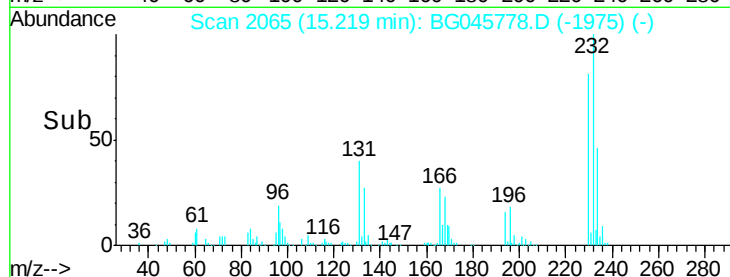


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.765 ng

RT: 15.39 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

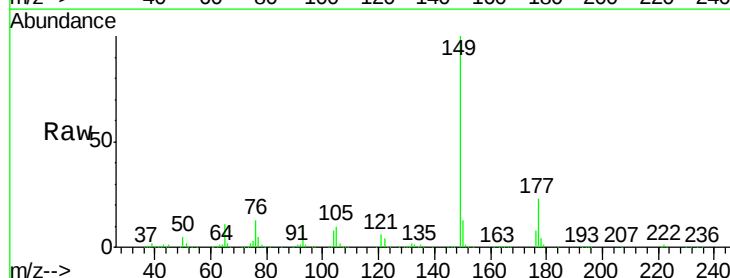
Tgt Ion:149 Resp: 517696

Ion Ratio Lower Upper

149 100

177 23.2 17.2 25.8

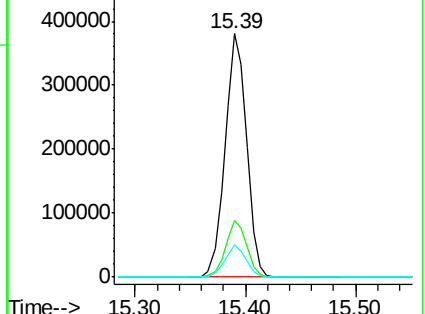
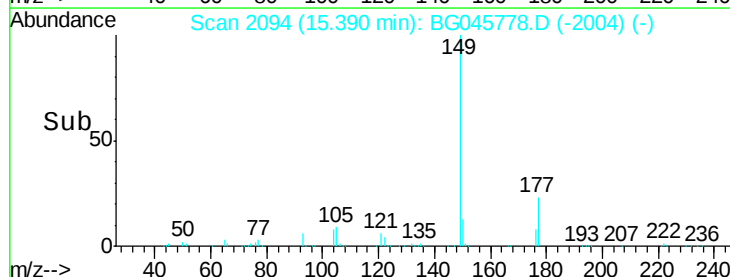
150 13.1 10.7 16.1

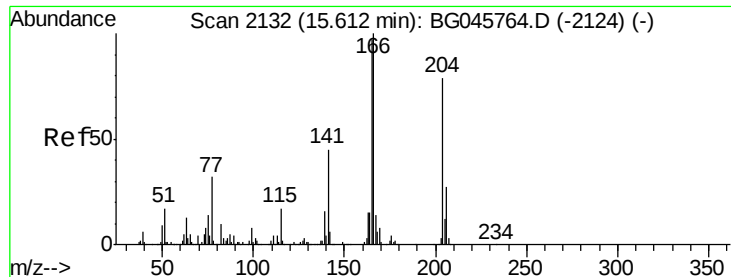


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

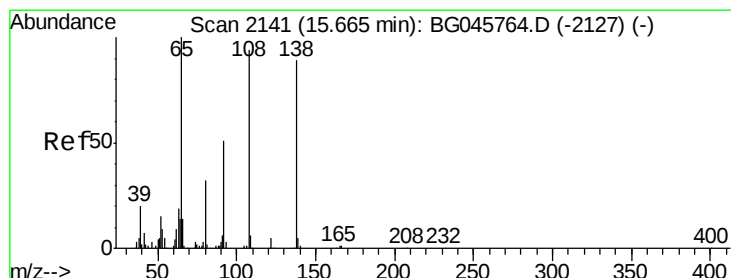
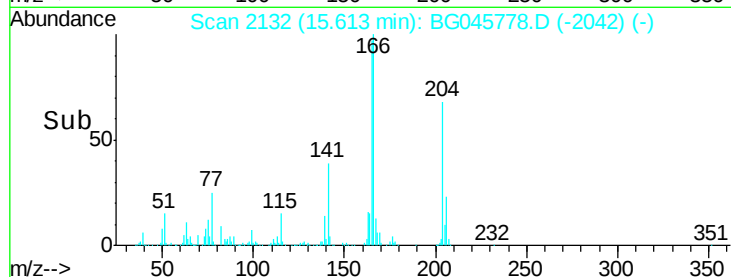
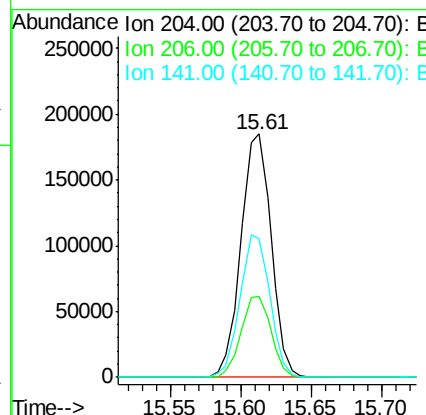
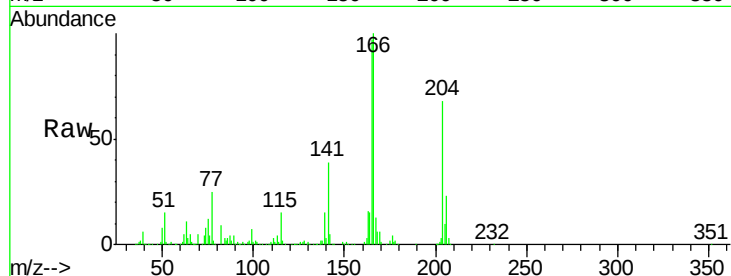




#61
4-Chlorophenyl-phenylether
Concen: 41.921 ng
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

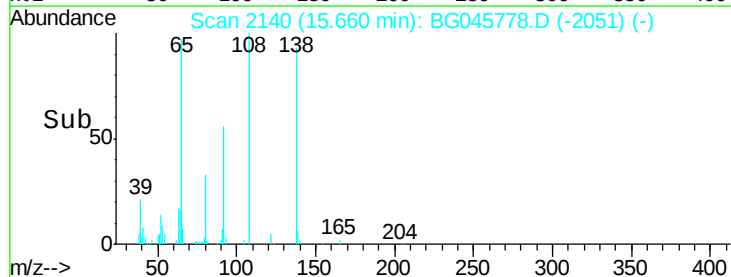
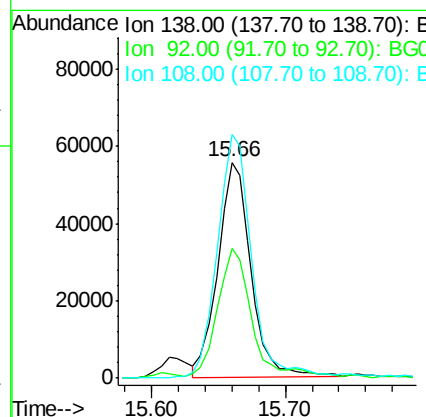
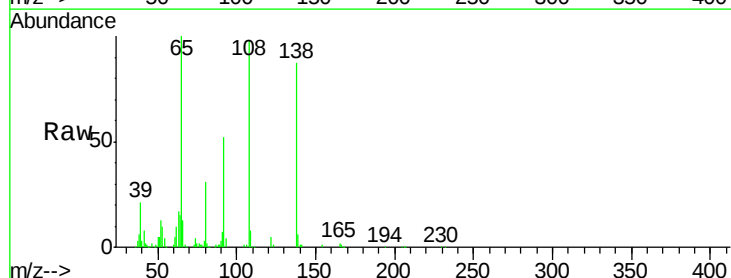
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

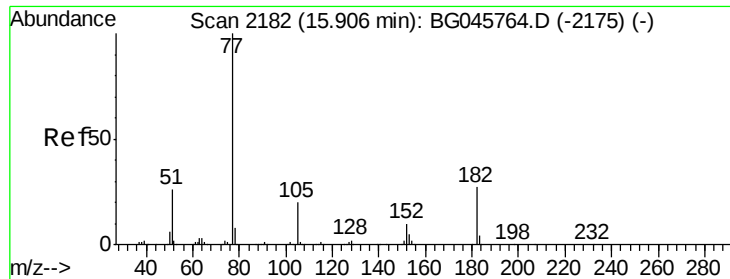
Tot Ion:204 Resp: 277013
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 57.0 45.9 68.9



#62
4-Nitroaniline
Concen: 35.189 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion:138 Resp: 95943
Ion Ratio Lower Upper
138 100
92 59.7 37.3 77.3
108 112.7 85.0 125.0

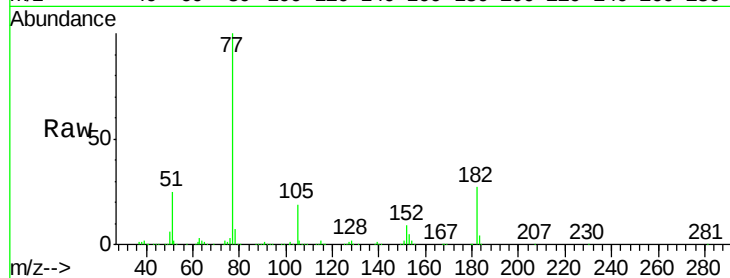




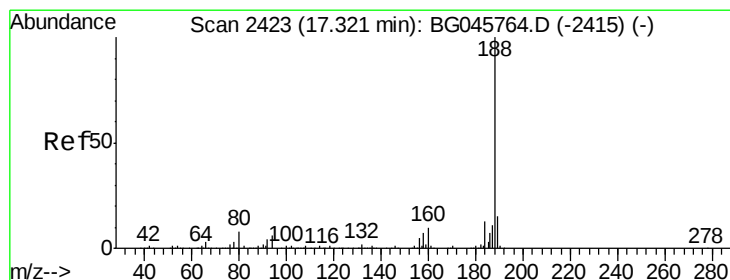
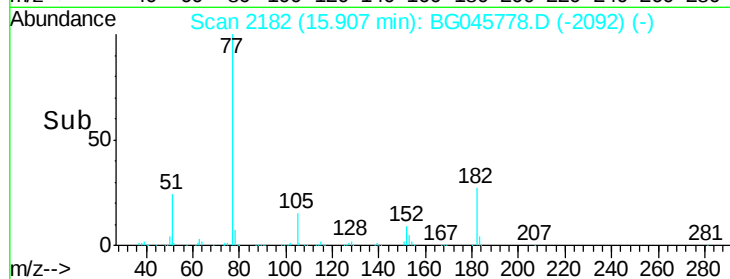
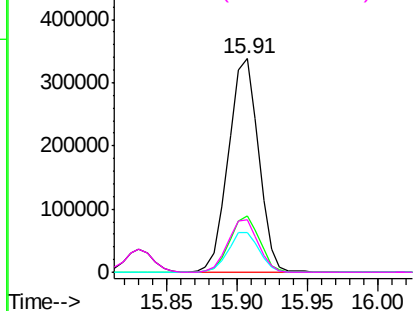
#63
Azobenzene
Concen: 43.147 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion: 77 Resp: 501524
Ion Ratio Lower Upper
77 100
182 26.6 7.4 47.4
105 18.9 0.1 40.1
51 24.7 5.7 45.7

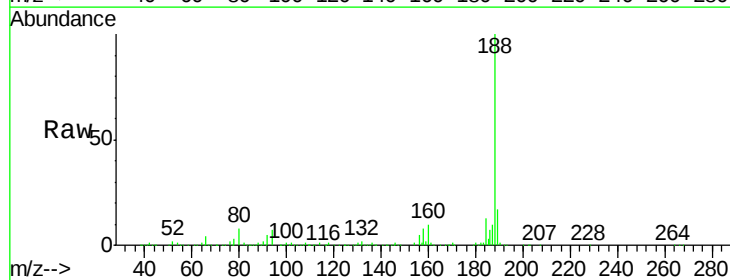


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

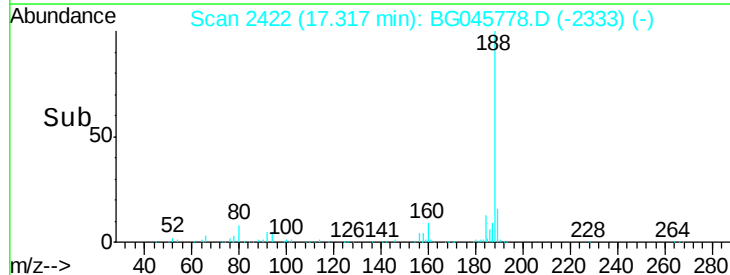
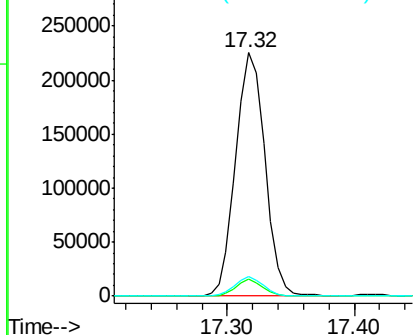


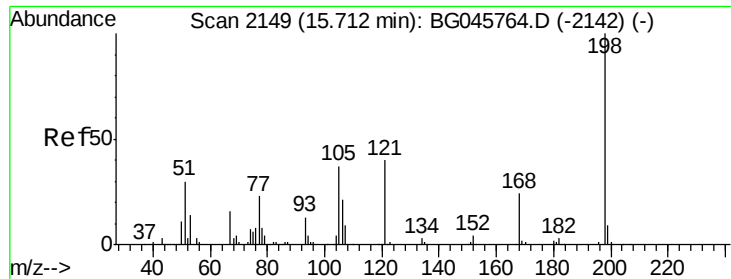
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion: 188 Resp: 361058
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 8.0 6.2 9.4



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: 46.616 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

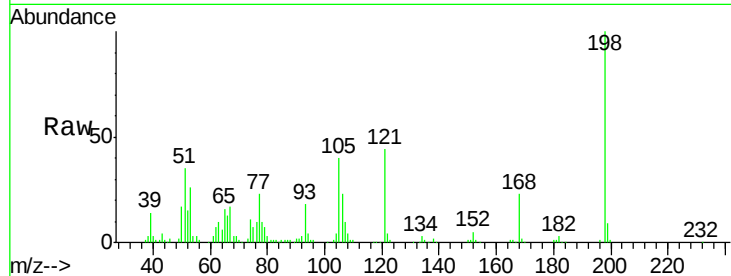
BNA_G

ClientSampleId :

HR-06-061120MSD

Tot Ion:198 Resp: 104016

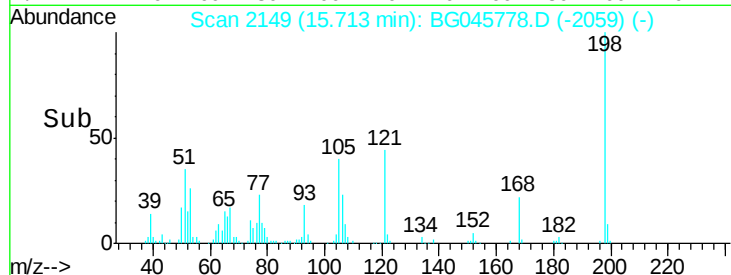
Ion	Ratio	Lower	Upper
198	100		
51	35.2	14.6	54.6
105	40.2	18.4	58.4



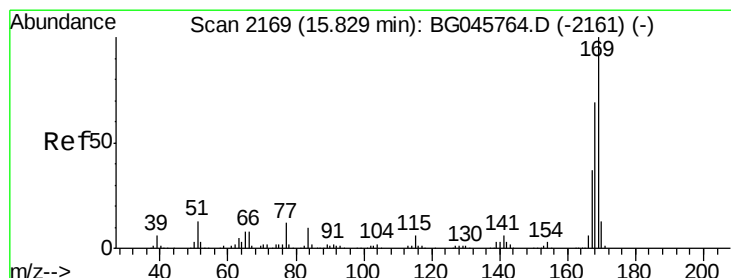
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.648 ng

RT: 15.83 min Scan# 2169

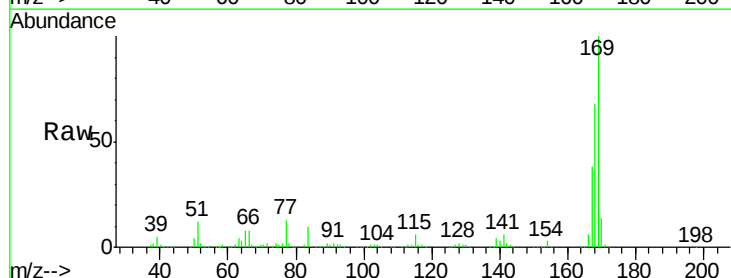
Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:169 Resp: 436151

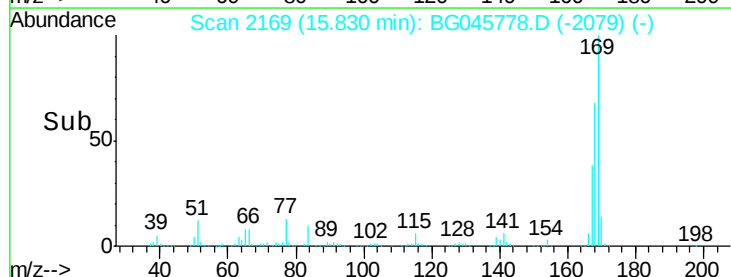
Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.2	82.8
167	37.5	29.8	44.6



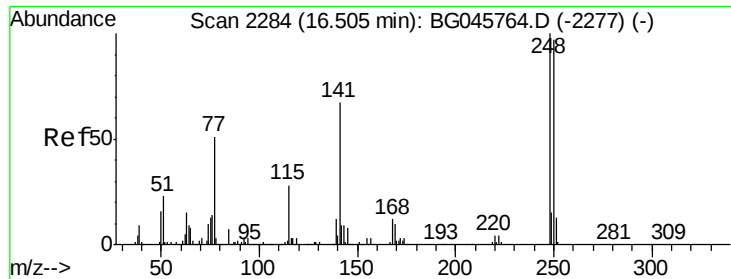
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



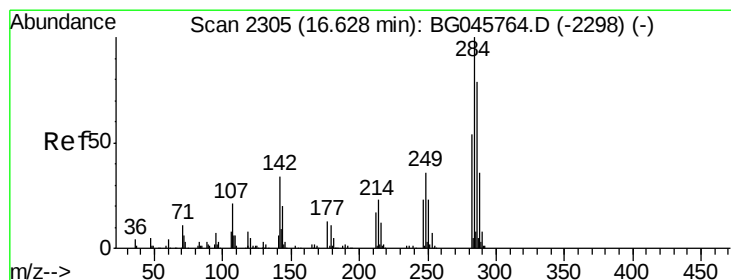
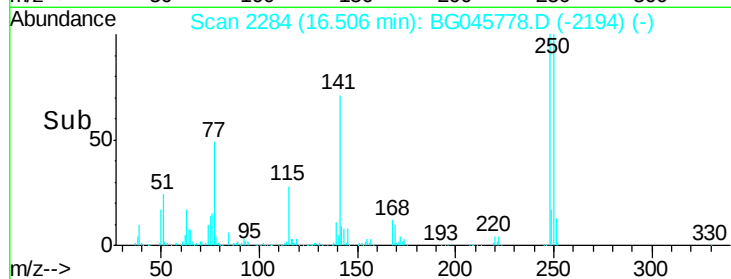
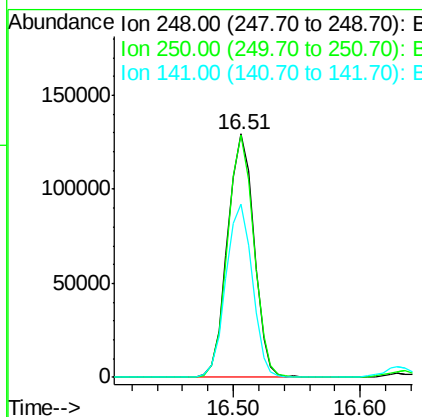
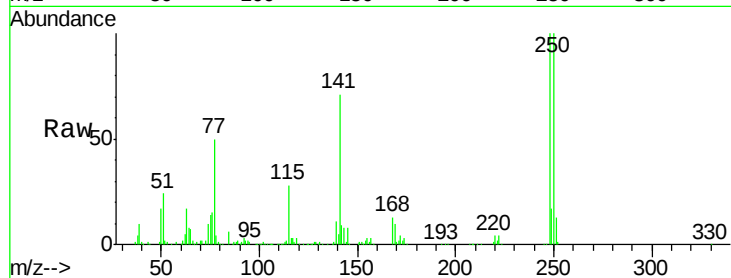
Time-->



#67
4-Bromophenyl-phenylether
Concen: 39.897 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

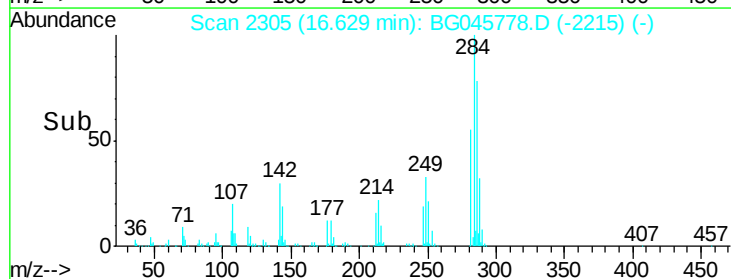
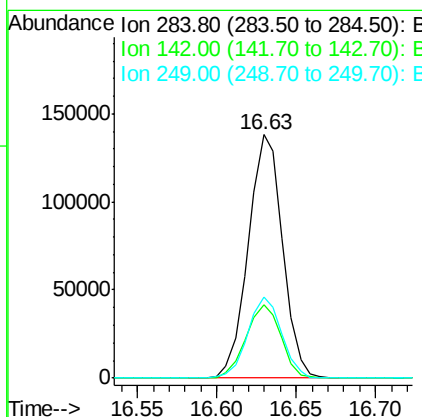
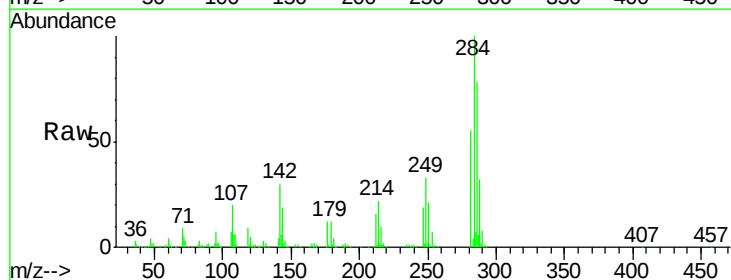
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

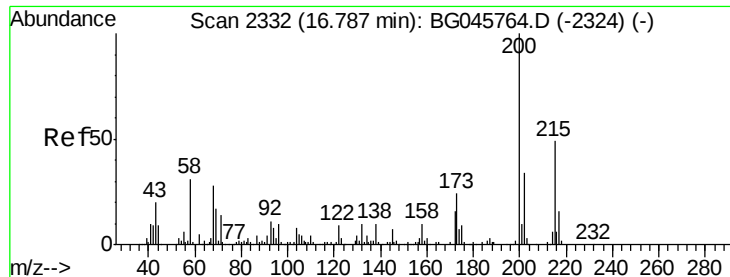
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.0	117.0
141	71.3	53.9	80.9



#68
Hexachlorobenzene
Concen: 42.664 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	26.9	40.3
249	33.0	28.6	42.8





#69

Atrazine

Concen: 42.139 ng

RT: 16.79 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

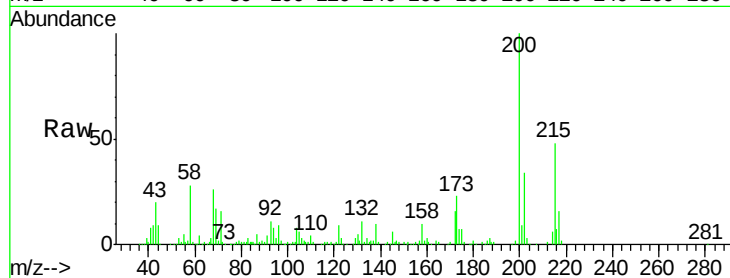
Tot Ion:200 Resp: 167223

Ion Ratio Lower Upper

200 100

173 22.8 3.9 43.9

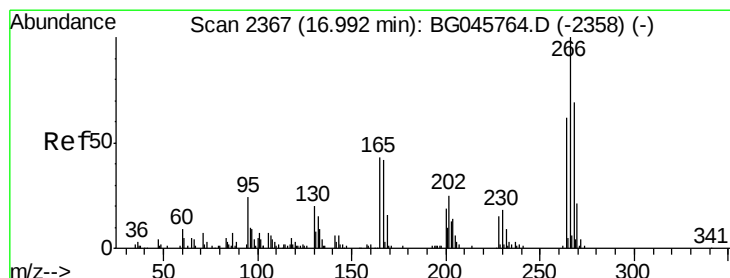
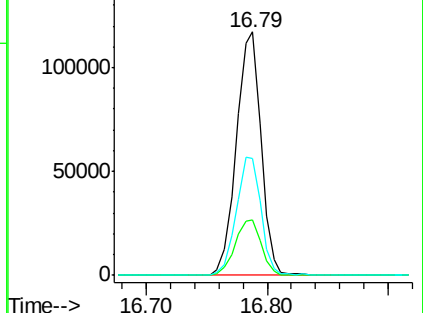
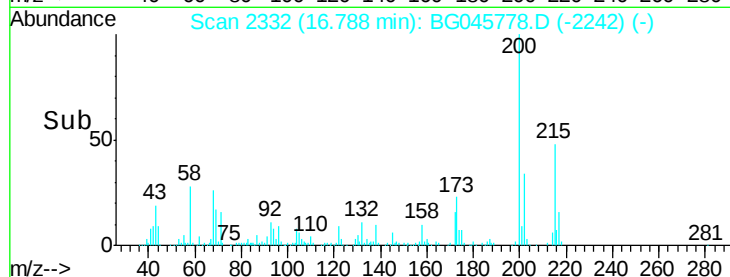
215 47.8 28.8 68.8



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: 88.487 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

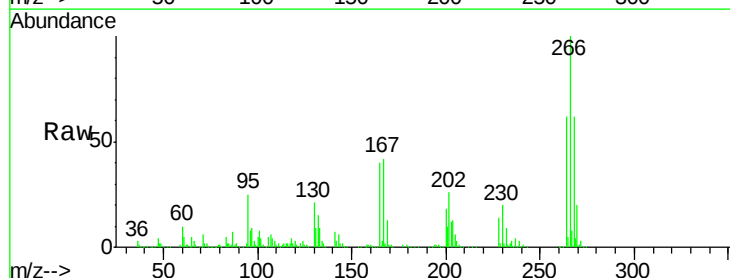
Tgt Ion:266 Resp: 214447

Ion Ratio Lower Upper

266 100

268 61.8 55.4 83.0

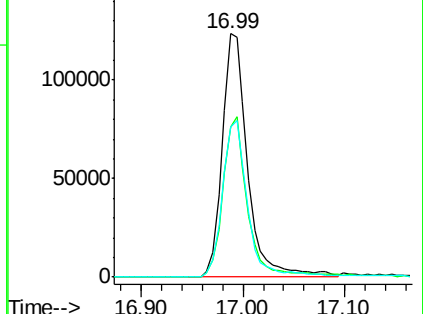
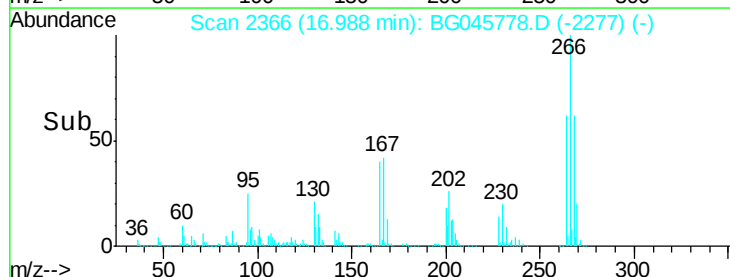
264 61.7 49.8 74.6

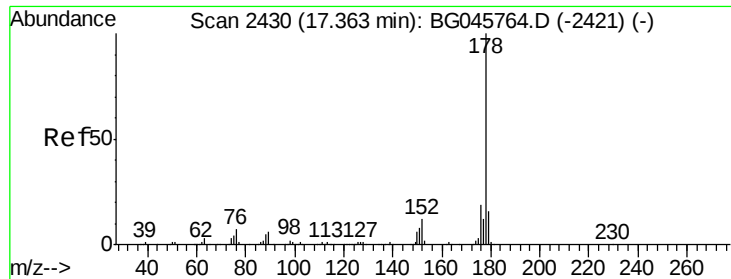


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.024 ng

RT: 17.36 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

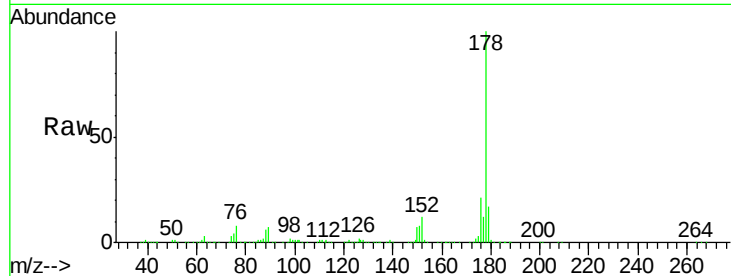
Tot Ion:178 Resp: 782531

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

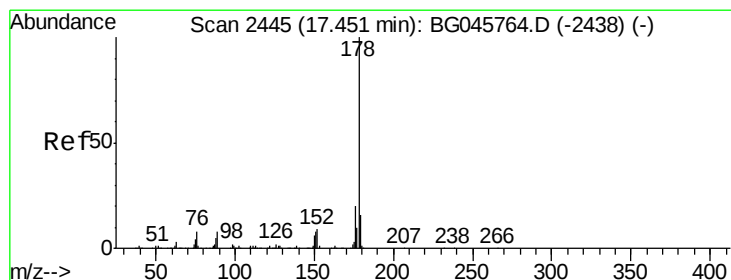
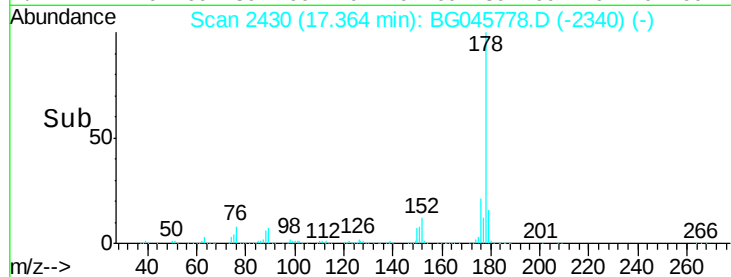
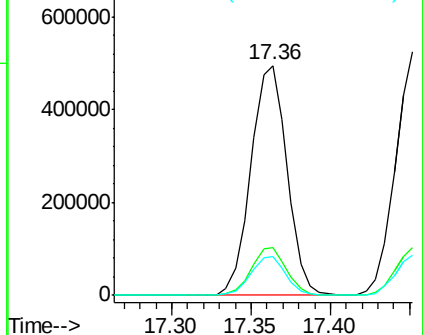
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.122 ng

RT: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

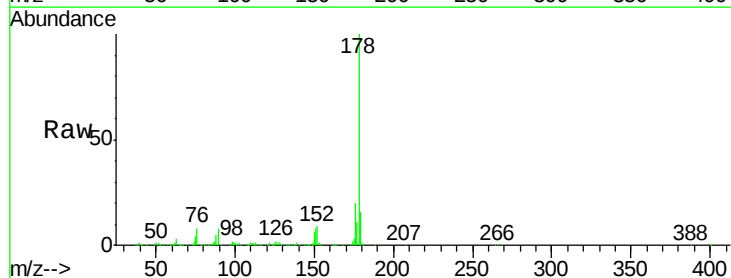
Tgt Ion:178 Resp: 799614

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

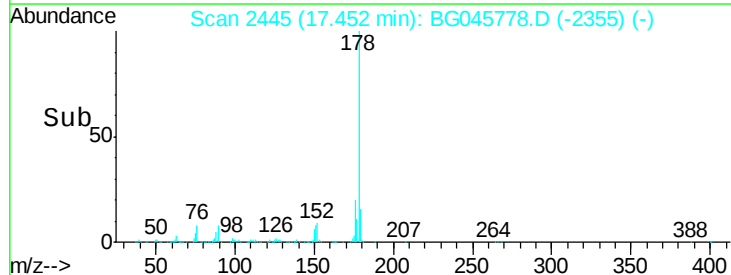
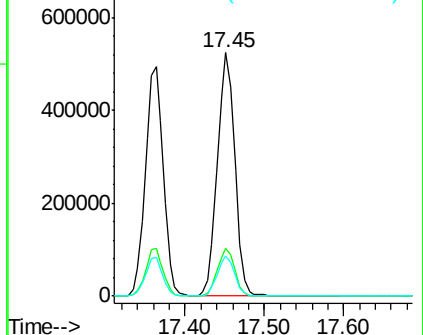
179 16.5 13.1 19.7

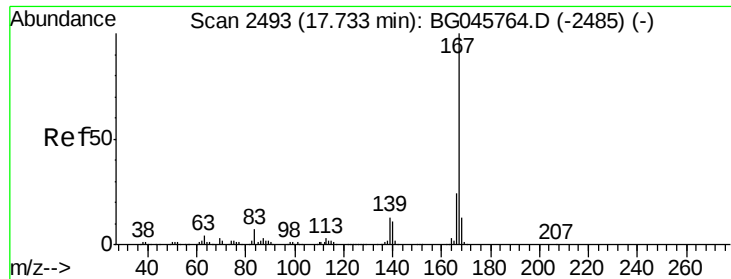


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

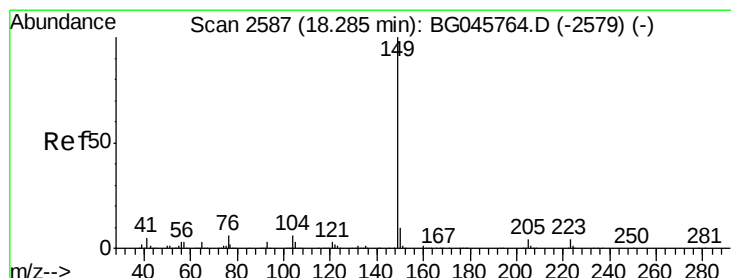
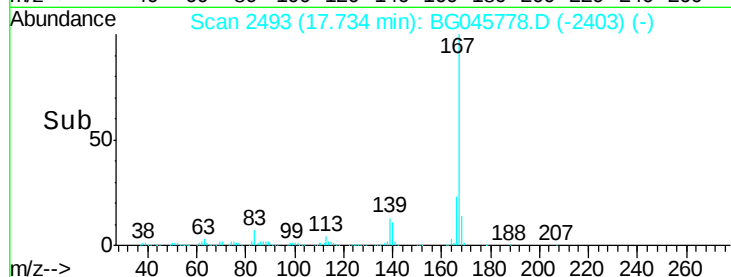
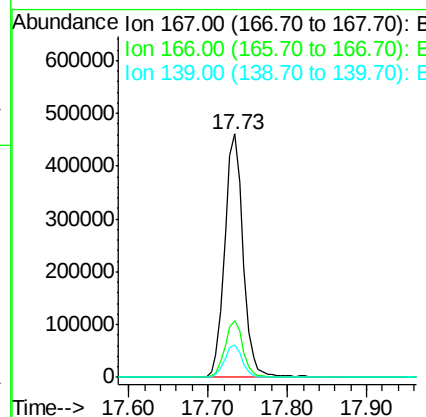
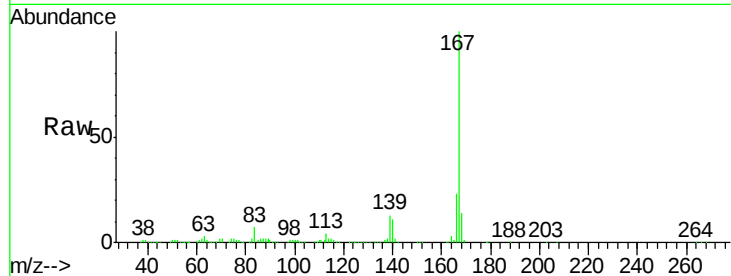




#73
 Carbazole
 Concen: 42.078 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

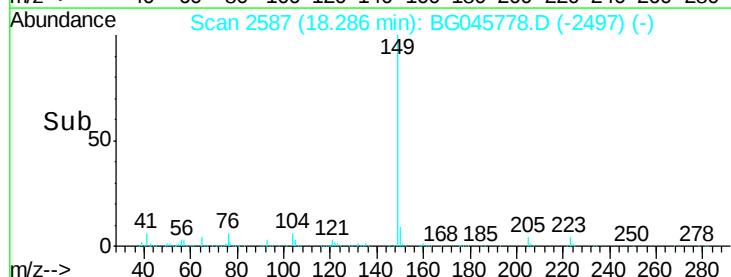
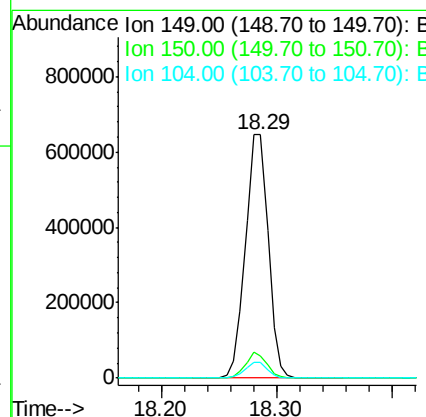
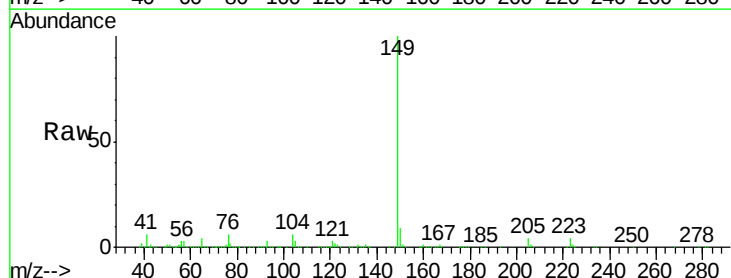
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

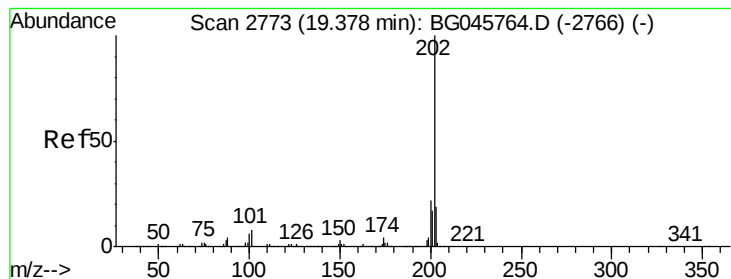
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.9	28.3
139	13.1	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 42.387 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	6.4	5.1	7.7





#75

Fluoranthene

Concen: 43.656 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

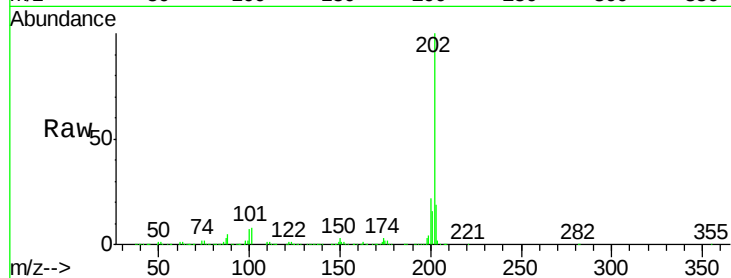
Tot Ion:202 Resp: 999622

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.7

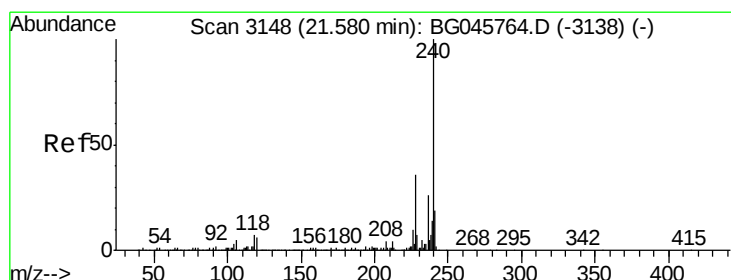
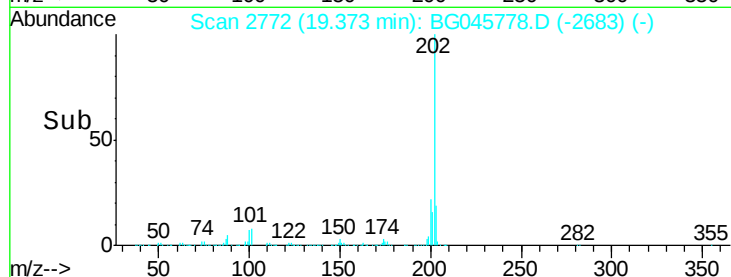
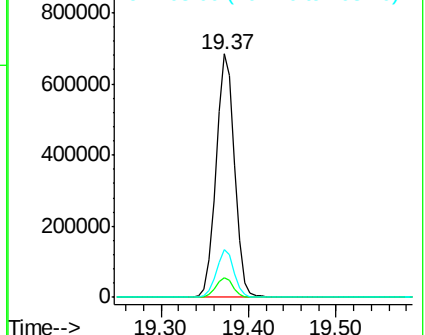
203 19.5 0.0 38.7



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: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

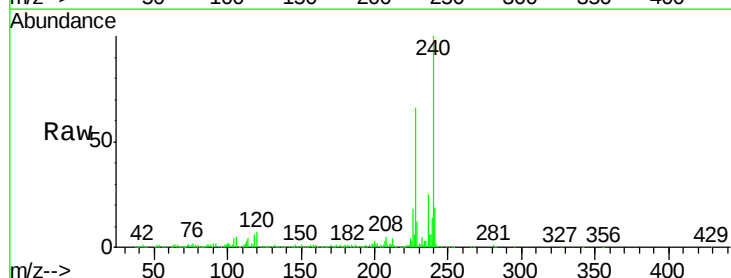
Tgt Ion:240 Resp: 356635

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.4

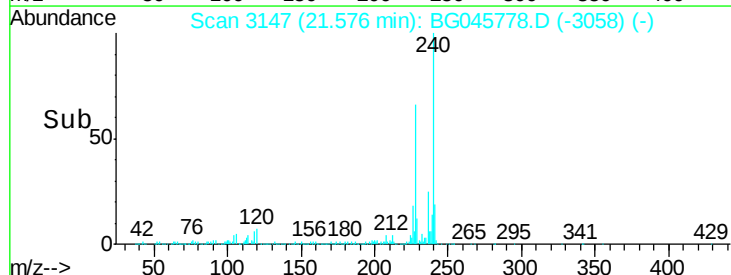
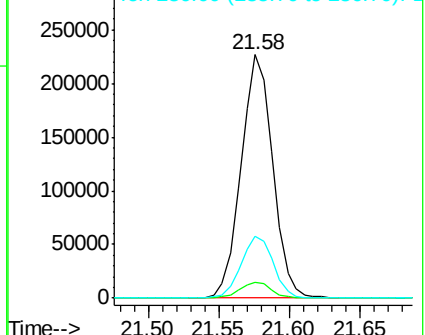
236 25.4 20.6 30.8

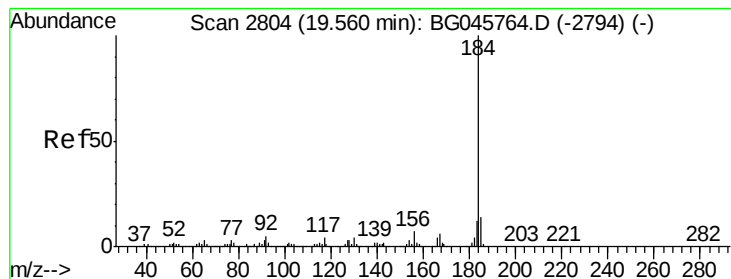


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.330 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

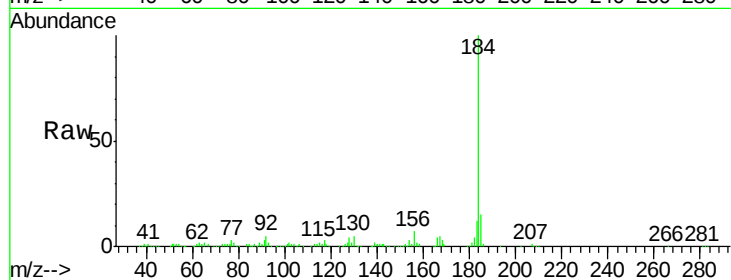
BNA_G

ClientSampleId :

HR-06-061120MSD

Tot Ion:184 Resp: 207027

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.1	16.7
183	12.2	9.7	14.5

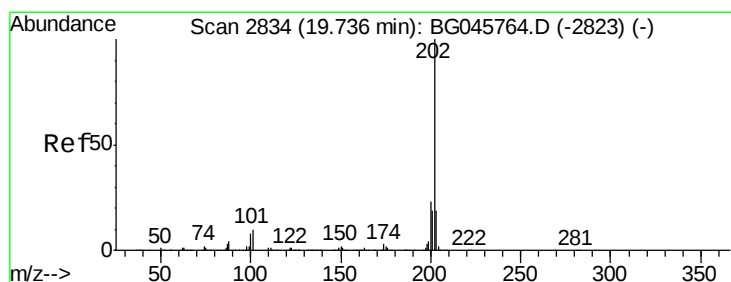
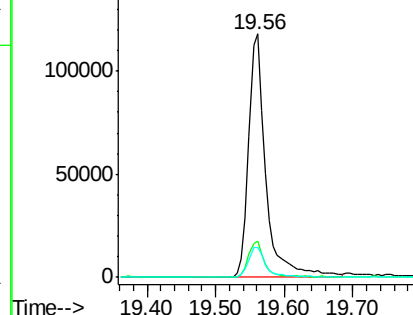
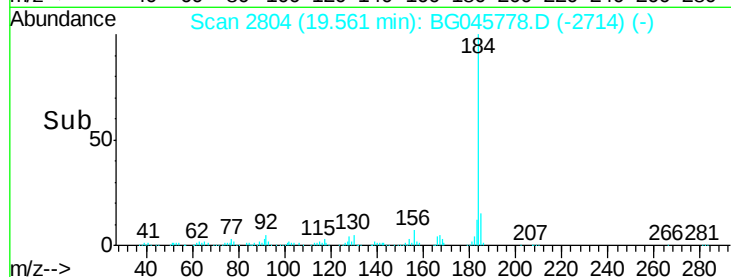


Abundance

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: 41.960 ng

RT: 19.74 min Scan# 2834

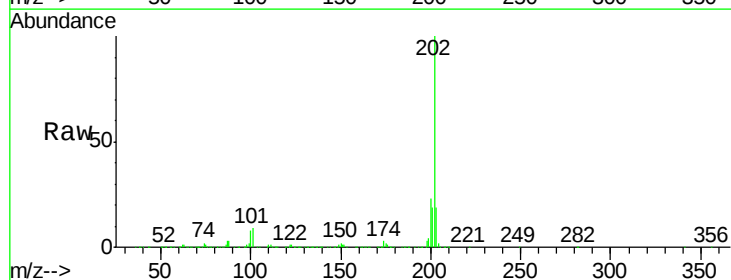
Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:202 Resp: 1002080

Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.2
203	19.3	14.8	22.2

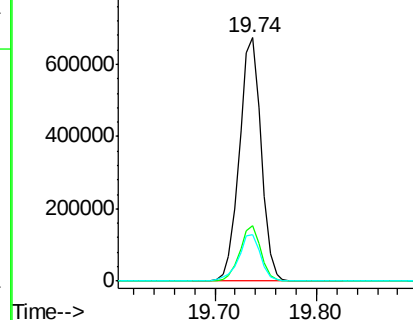
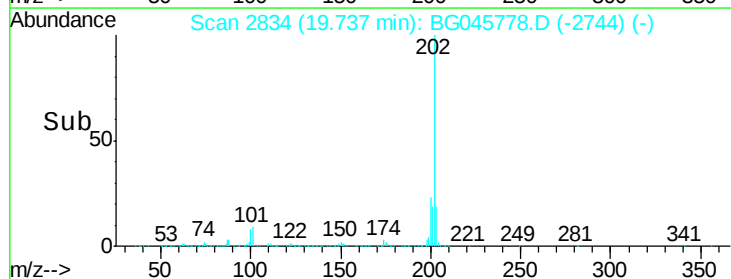


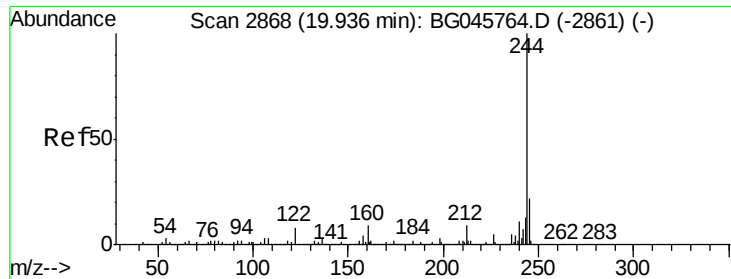
Abundance

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: 88.555 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

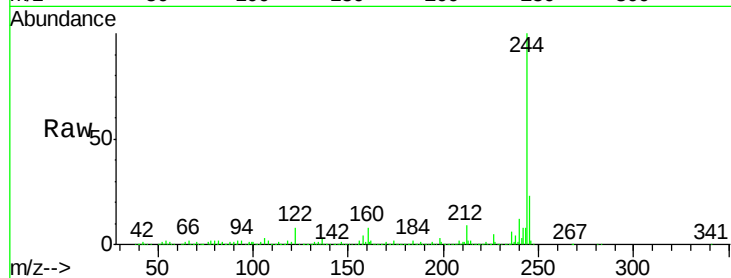
Tot Ion:244 Resp: 1558373

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

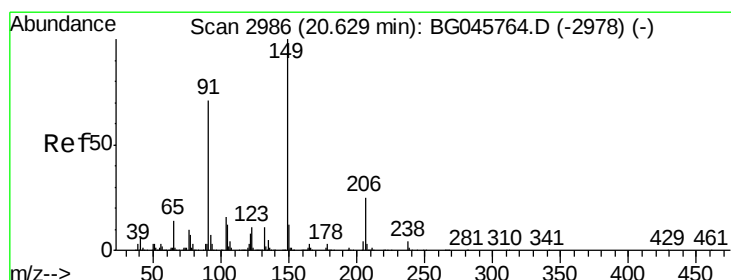
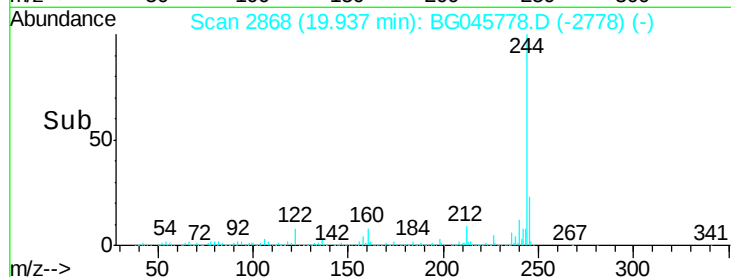
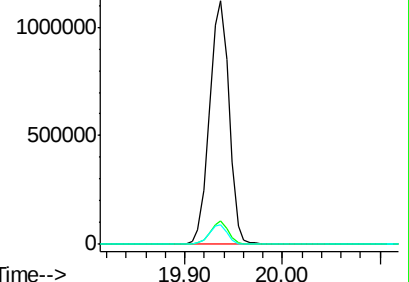
122 8.3 6.4 9.6



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: 41.922 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

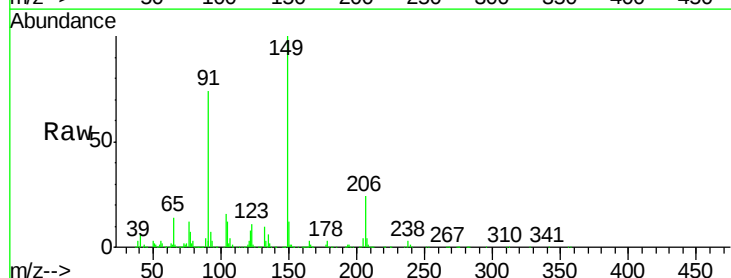
Tgt Ion:149 Resp: 419060

Ion Ratio Lower Upper

149 100

91 73.5 56.4 84.6

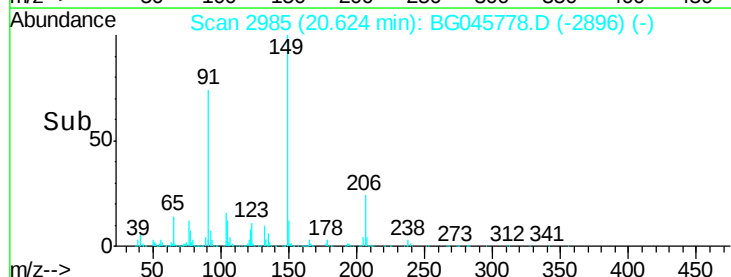
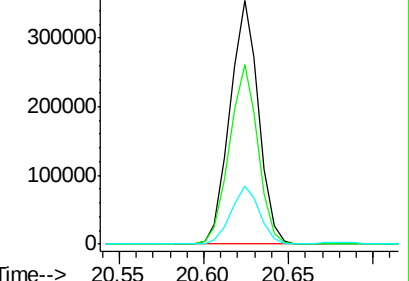
206 23.8 19.8 29.6

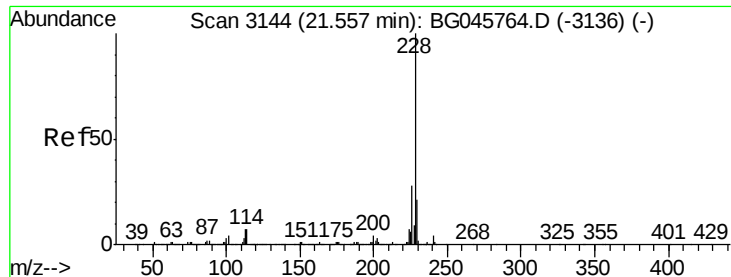


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.132 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

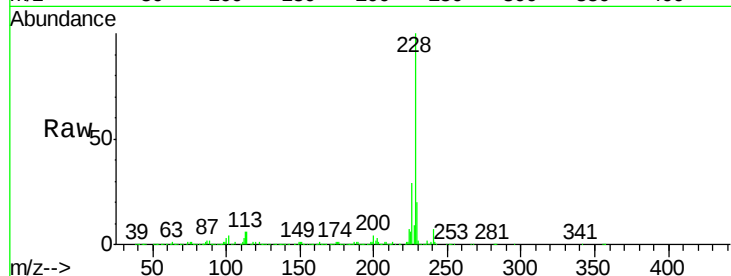
BNA_G

ClientSampleId :

HR-06-061120MSD

Tot Ion:228 Resp: 974177

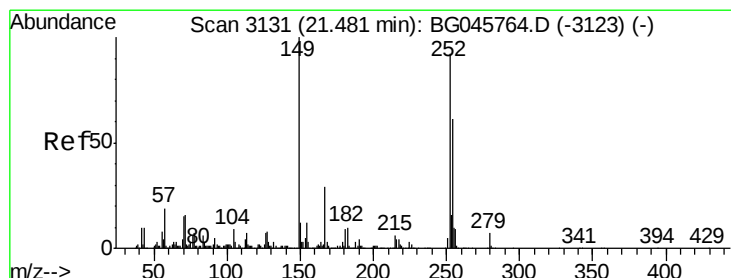
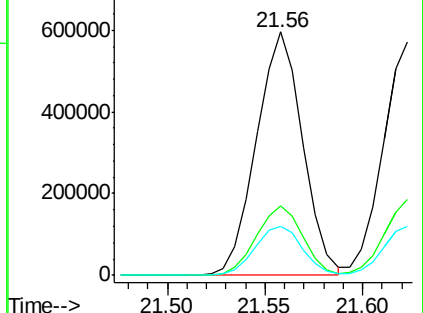
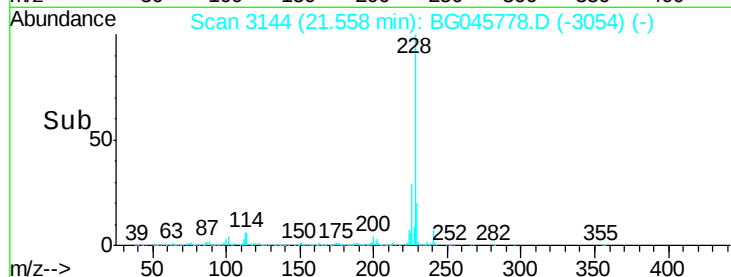
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.4	16.6	24.8



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: 15.885 ng

RT: 21.48 min Scan# 3130

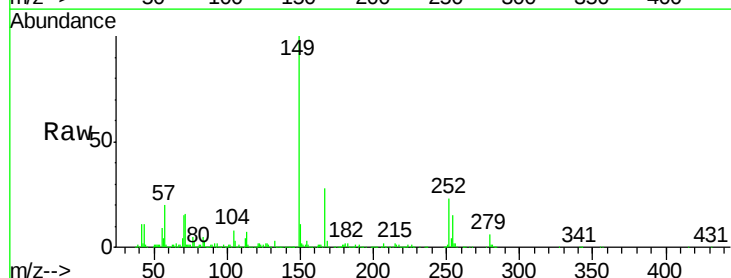
Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:252 Resp: 138927

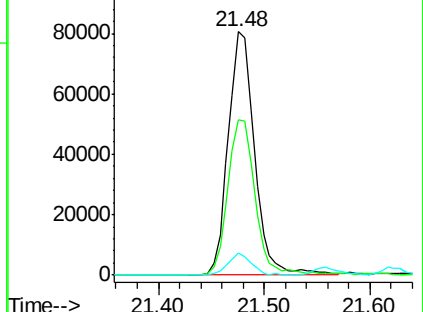
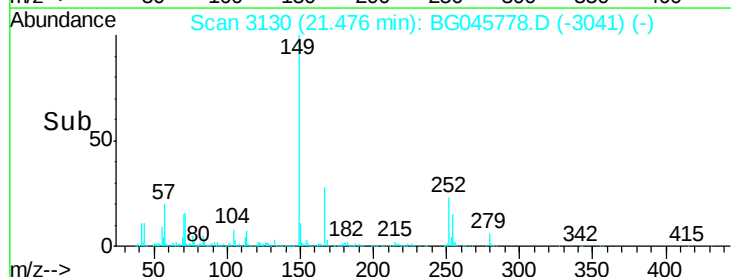
Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.4	80.0
126	9.0	5.8	8.8

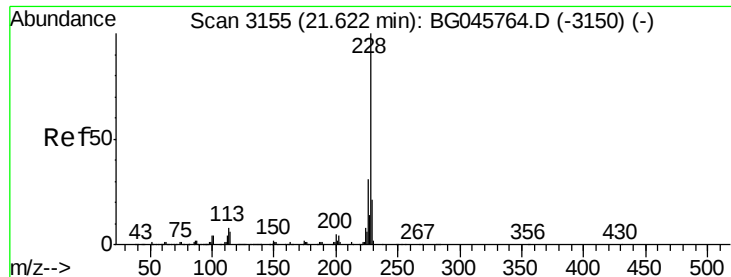


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.644 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

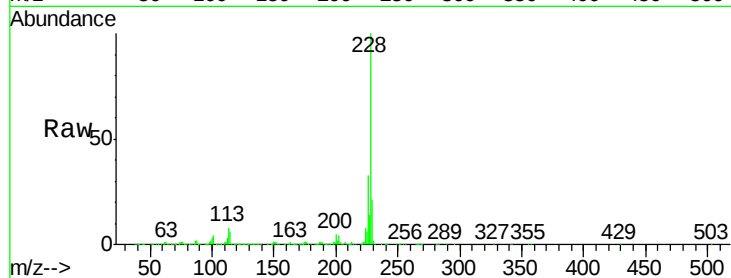
Tot Ion:228 Resp: 953700

Ion Ratio Lower Upper

228 100

226 32.6 25.1 37.7

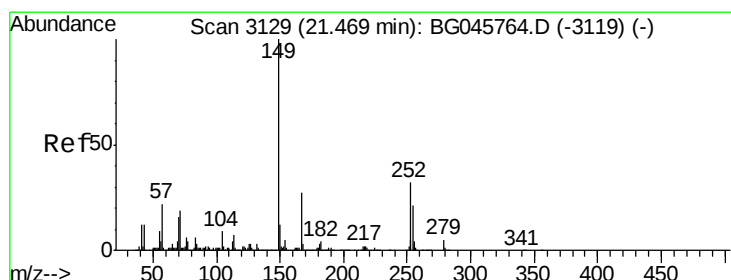
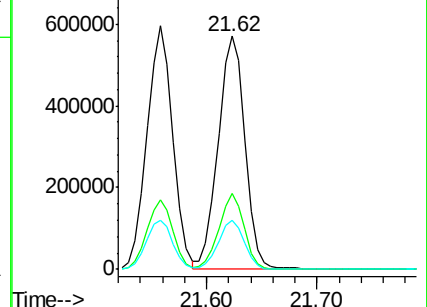
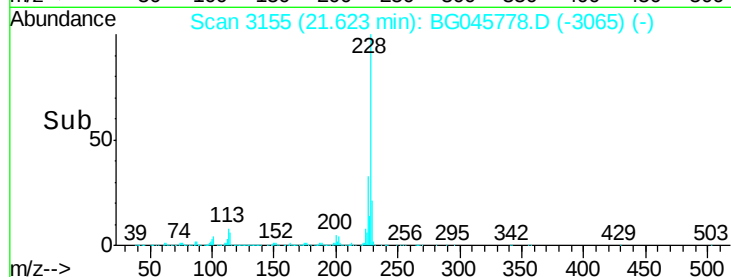
229 21.2 16.4 24.6



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: 42.217 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

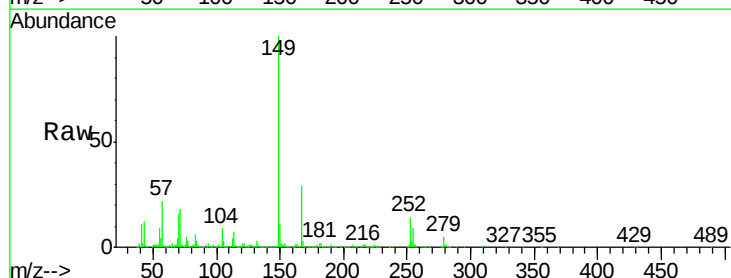
Tgt Ion:149 Resp: 587003

Ion Ratio Lower Upper

149 100

167 28.6 21.3 31.9

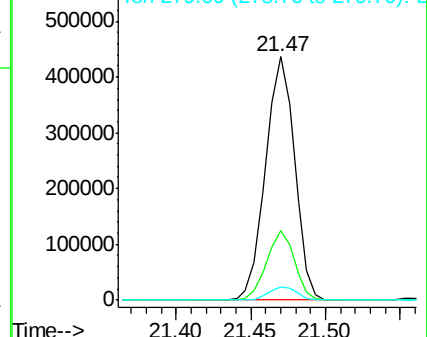
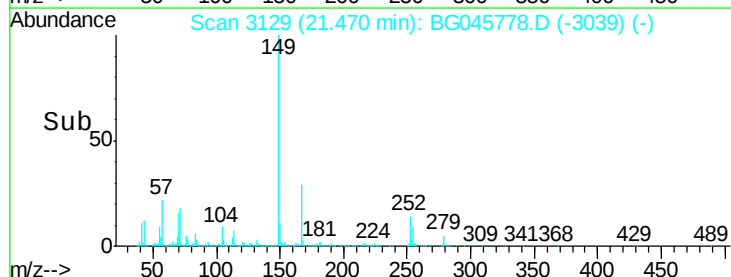
279 5.4 3.7 5.5

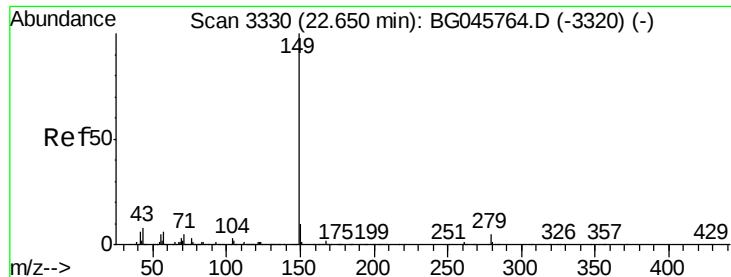


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

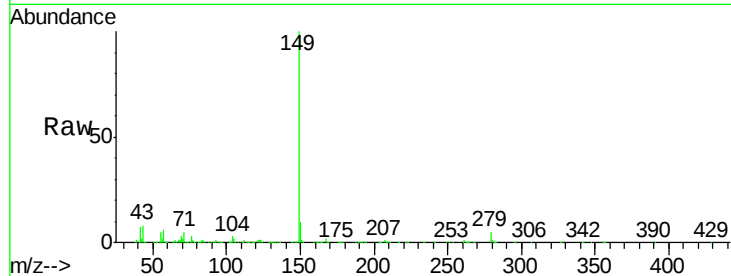




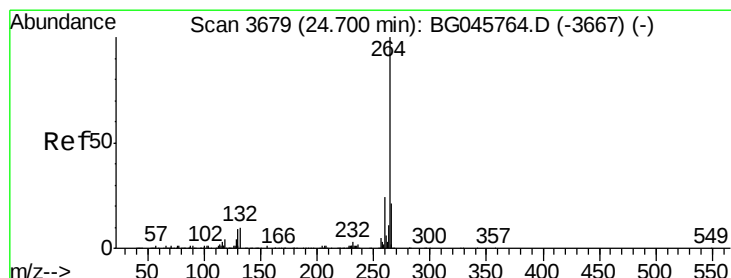
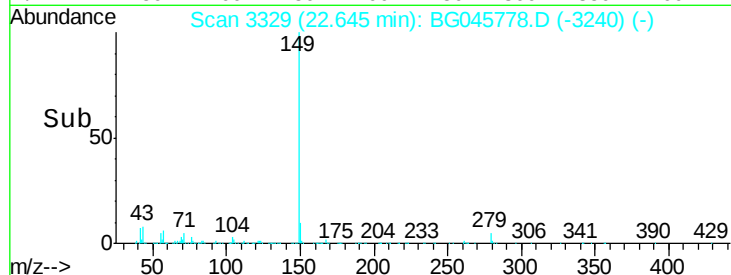
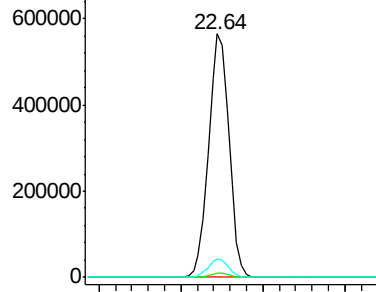
#85
Di-n-octyl phthalate
Concen: 40.849 ng
RT: 22.64 min Scan# 3329
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.4	5.9	8.9

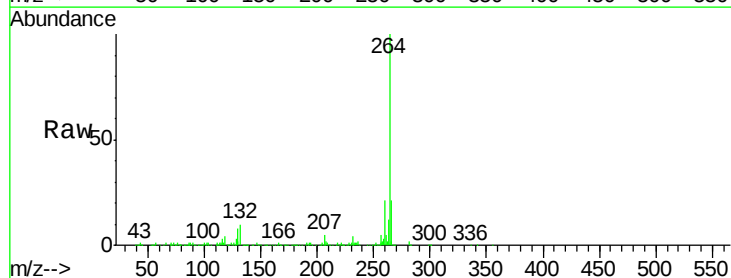


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

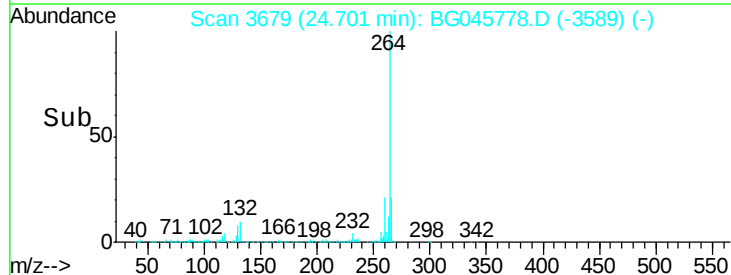
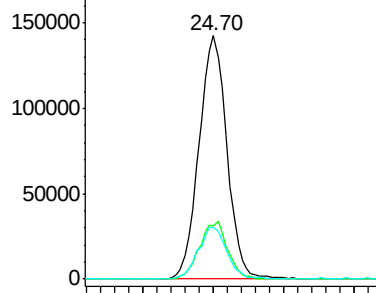


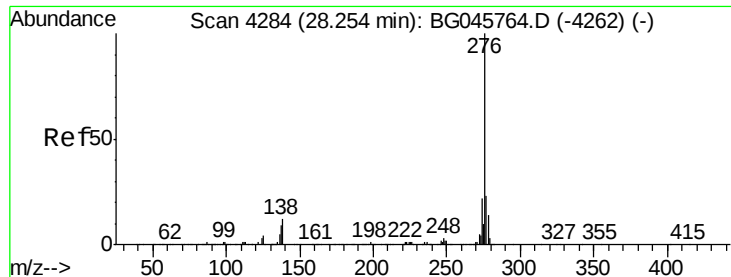
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.0	28.4
265	21.0	17.4	26.0



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

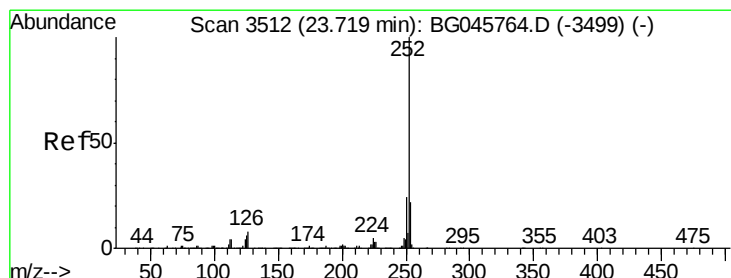
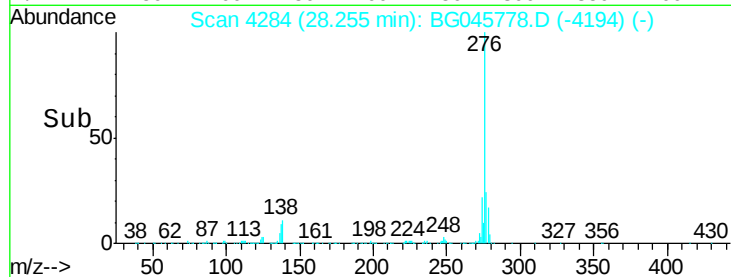
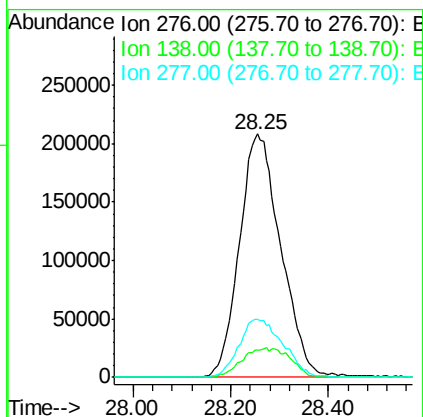
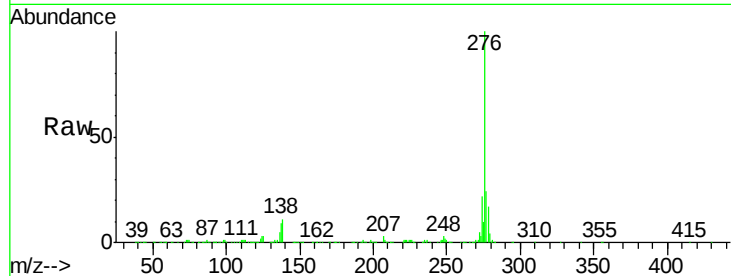




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.097 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

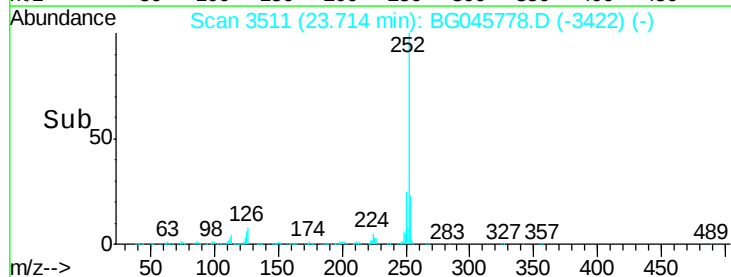
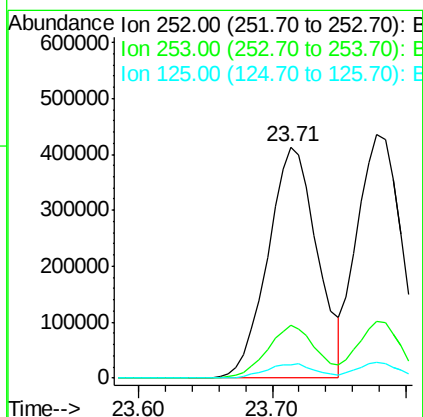
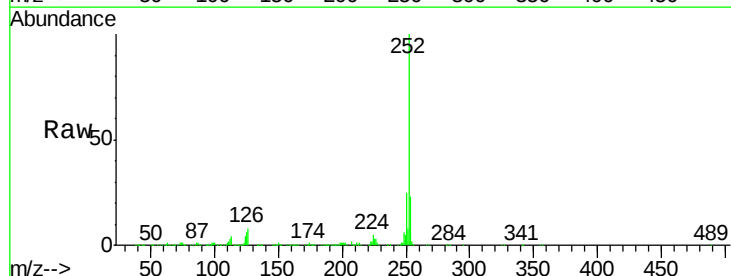
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

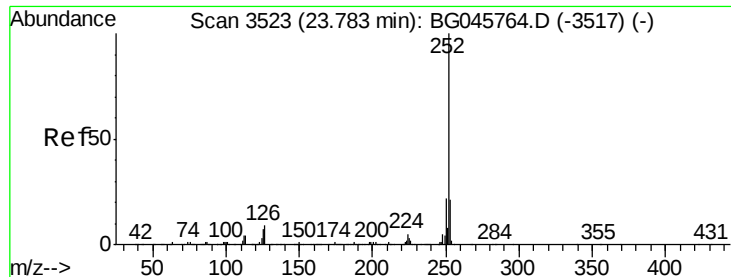
Tot Ion:276 Resp: 1223951
 Ion Ratio Lower Upper
 276 100
 138 8.0 5.4 8.0#
 277 25.7 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 43.156 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion:252 Resp: 1060021
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.0
 125 5.8 5.0 7.4

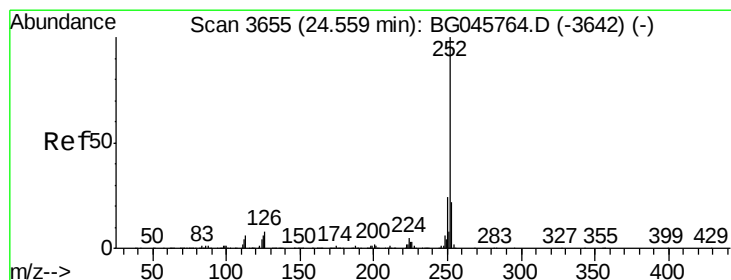
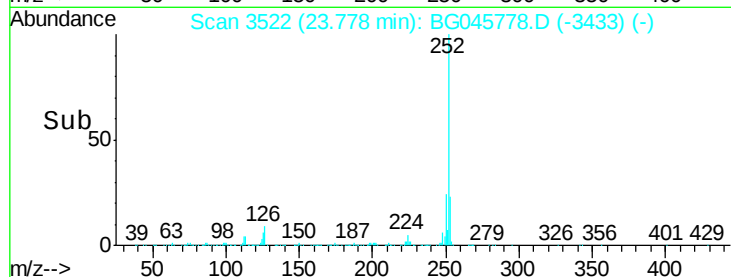
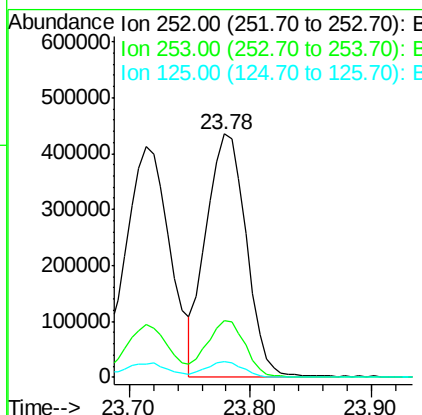
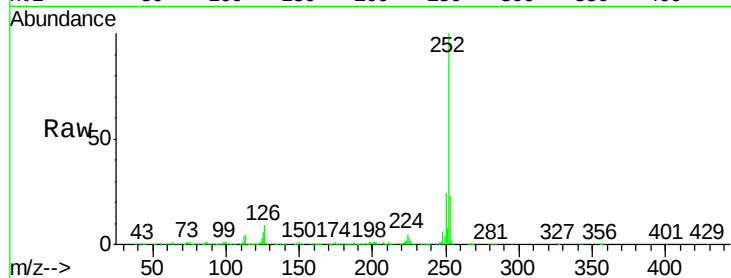




#89
Benzo(k)fluoranthene
Concen: 42.435 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

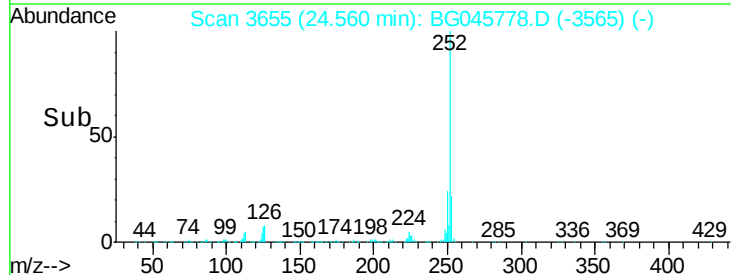
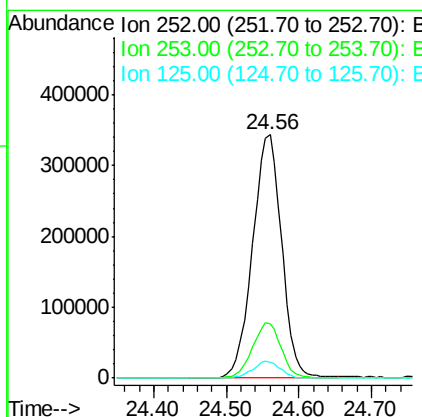
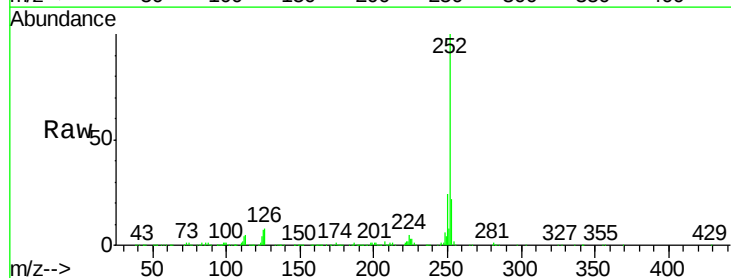
Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

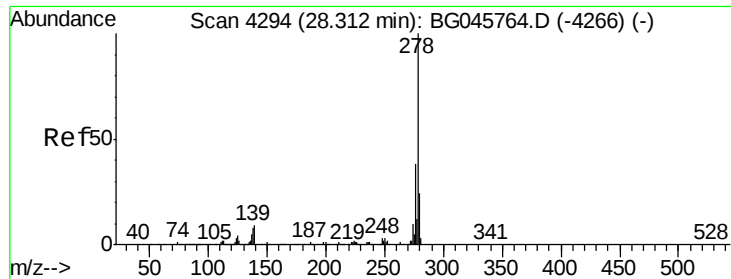
Tot Ion:252 Resp: 997568
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 6.3 5.2 7.8



#90
Benzo(a)pyrene
Concen: 41.573 ng
RT: 24.56 min Scan# 3655
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion:252 Resp: 953881
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 6.7 5.0 7.6

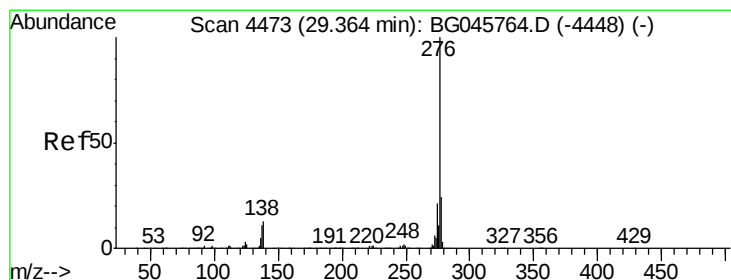
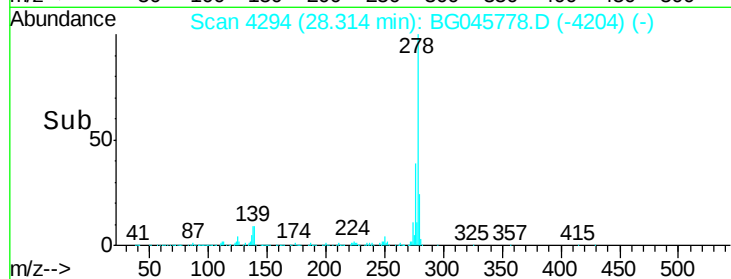
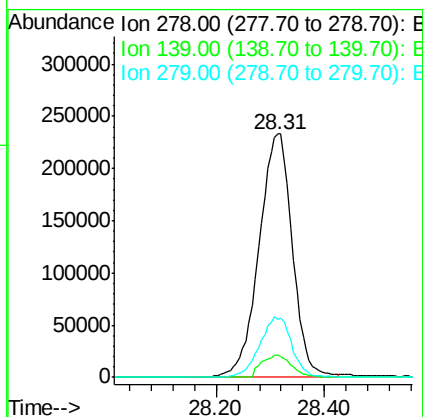
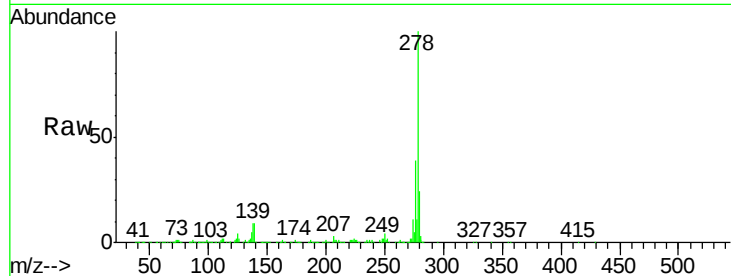




#91
Dibenzo(a,h)anthracene
Concen: 43.553 ng
RT: 28.31 min Scan# 4294
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion:278 Resp: 991893
Ion Ratio Lower Upper
278 100
139 9.0 7.3 10.9
279 24.0 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 43.913 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion:276 Resp: 1000986
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 12.9 10.6 15.8

