

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044710.D
 Acq On : 10 Mar 2020 11:49
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 10 14:11:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 14:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	93514	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	378146	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	250670	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	551440	20.00	ng	0.00
76) Chrysene-d12	21.71	240	485759	20.00	ng	0.00
87) Perylene-d12	24.93	264	564202	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	247834	39.80	ng	0.00
7) Phenol-d6	7.21	99	363768	38.65	ng	0.00
23) Nitrobenzene-d5	9.21	82	336605	40.53	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	123604	35.90	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	750154	41.69	ng	0.00
79) Terphenyl-d14	20.05	244	1130079	41.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	58180	19.493	ng	95
3) Pyridine	3.93	79	172951	18.689	ng	96
4) n-Nitrosodimethylamine	3.84	42	61663	15.753	ng	96
6) Aniline	7.37	93	221519	18.788	ng	97
8) 2-Chlorophenol	7.62	128	120143	19.038	ng	96
9) Benzaldehyde	7.18	77	125932	22.796	ng	96
10) Phenol	7.23	94	180269	19.443	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	139058	19.520	ng	98
12) 1,3-Dichlorobenzene	7.95	146	151004	20.120	ng	93
13) 1,4-Dichlorobenzene	8.10	146	151217	20.167	ng	98
14) 1,2-Dichlorobenzene	8.41	146	143325	20.221	ng	95
15) Benzyl Alcohol	8.29	79	137961	16.991	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	253542	18.838	ng	100
17) 2-Methylphenol	8.49	107	117007	18.419	ng	93
18) Hexachloroethane	9.15	117	57963	19.273	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	125742	17.883	ng	97
20) 3+4-Methylphenols	8.82	107	163313	18.454	ng	97
22) Acetophenone	8.88	105	212576	19.257	ng	# 95
24) Nitrobenzene	9.25	77	173330	19.684	ng	99
25) Isophorone	9.78	82	333916	18.231	ng	100
26) 2-Nitrophenol	9.97	139	47592	16.528	ng	96
27) 2,4-Dimethylphenol	10.03	122	105746	18.403	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	198978	19.297	ng	99
29) 2,4-Dichlorophenol	10.50	162	122090	18.674	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	150833	19.861	ng	95
31) Naphthalene	10.92	128	421333	19.854	ng	99
32) Benzoic acid	10.12	122	49162	12.199	ng	88
33) 4-Chloroaniline	11.02	127	189602	19.398	ng	98
34) Hexachlorobutadiene	11.21	225	96663	18.629	ng	98
35) Caprolactam	11.77	113	43546	15.955	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	147148	17.772	ng	96
37) 2-Methylnaphthalene	12.52	142	311732	19.466	ng	99
38) 1-Methylnaphthalene	12.74	142	295174	19.497	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	166798	20.497	ng	99

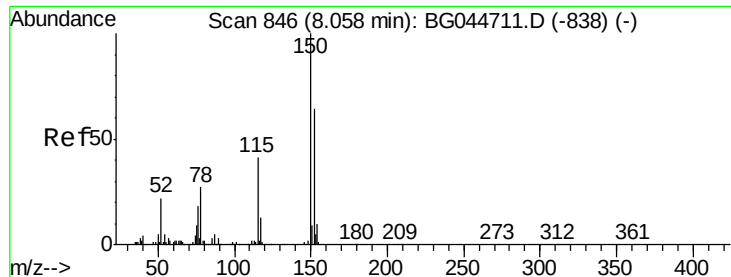
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	80978	17.017	ng	93
43) 2,4,6-Trichlorophenol	13.12	196	105650	18.728	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	108549	18.762	ng	98
46) 1,1'-Biphenyl	13.52	154	412356	20.683	ng	96
47) 2-Chloronaphthalene	13.57	162	308822	20.307	ng	97
48) 2-Nitroaniline	13.75	65	96395	18.794	ng	96
49) Acenaphthylene	14.41	152	496993	20.398	ng	97
50) Dimethylphthalate	14.14	163	415951	19.960	ng	97
51) 2,6-Dinitrotoluene	14.25	165	72105	19.256	ng	88
52) Acenaphthene	14.75	154	313855	19.922	ng	97
53) 3-Nitroaniline	14.58	138	85955	19.918	ng	96
54) 2,4-Dinitrophenol	14.78	184	28001	16.105	ng	# 75
55) Dibenzofuran	15.09	168	473706	20.067	ng	98
56) 4-Nitrophenol	14.88	139	62671	18.665	ng	93
57) 2,4-Dinitrotoluene	15.03	165	98030	19.592	ng	98
58) Fluorene	15.74	166	388671	19.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	98182	17.831	ng	# 92
60) Diethylphthalate	15.51	149	426678	19.151	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	205625	19.408	ng	95
62) 4-Nitroaniline	15.74	138	97428	20.497	ng	88
63) Azobenzene	16.03	77	446128	19.134	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	37040	16.442	ng	96
66) n-Nitrosodiphenylamine	15.94	169	339811	20.155	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	137263	19.737	ng	98
68) Hexachlorobenzene	16.74	284	147655	19.662	ng	95
69) Atrazine	16.89	200	128307	19.692	ng	98
70) Pentachlorophenol	17.08	266	74503	17.484	ng	97
71) Phenanthrene	17.48	178	617553	20.424	ng	95
72) Anthracene	17.57	178	611175	20.522	ng	96
73) Carbazole	17.83	167	582696	20.430	ng	96
74) Di-n-butylphthalate	18.41	149	717031	19.961	ng	97
75) Fluoranthene	19.48	202	753192	20.611	ng	97
77) Benzidine	19.66	184	335704	17.312	ng	99
78) Pyrene	19.85	202	751464	20.282	ng	99
80) Butylbenzylphthalate	20.75	149	295728	17.882	ng	97
81) Benzo(a)anthracene	21.69	228	718328	19.719	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	262673	18.110	ng	97
83) Chrysene	21.76	228	687013	19.814	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	442192	19.173	ng	96
85) Di-n-octyl phthalate	22.85	149	719393	18.164	ng	99
86) Indeno(1,2,3-cd)pyrene	28.59	276	841914	18.385	ng	100
88) Benzo(b)fluoranthene	23.91	252	736110	19.170	ng	97
89) Benzo(k)fluoranthene	23.98	252	727582	20.214	ng	99
90) Benzo(a)pyrene	24.78	252	690510	19.308	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	676588	18.972	ng	98
92) Benzo(g,h,i)perylene	29.72	276	683588	19.137	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

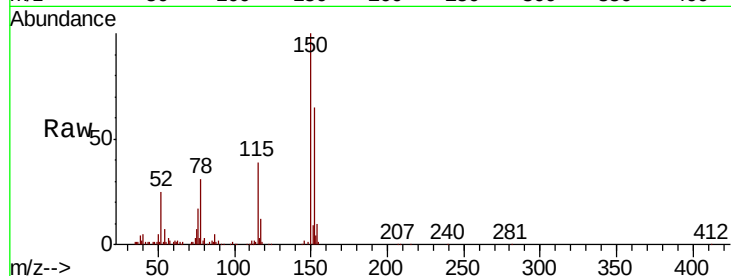
Tot Ion:152 Resp: 93514

Ion Ratio Lower Upper

152 100

150 154.2 125.3 187.9

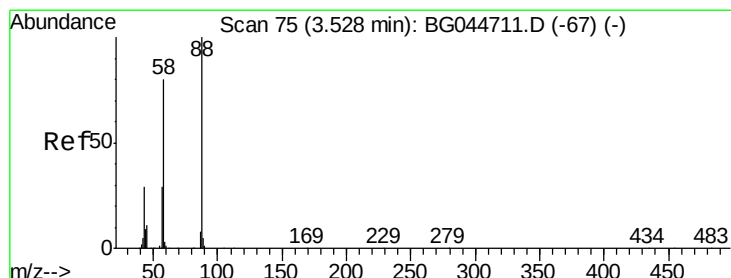
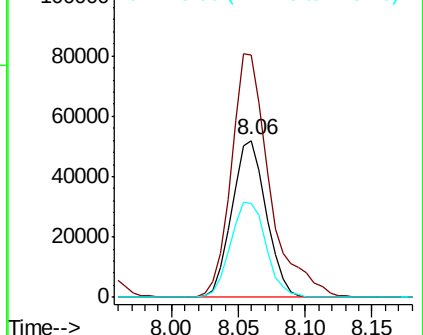
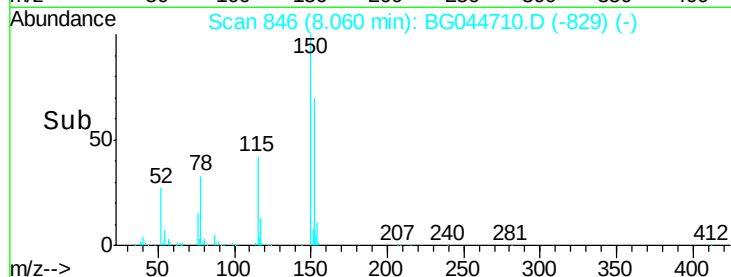
115 60.1 51.7 77.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 19.493 ng

RT: 3.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

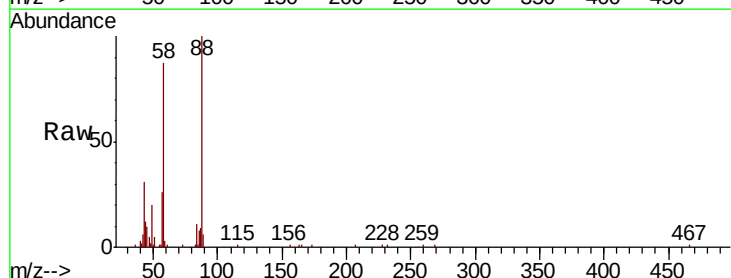
Tgt Ion: 88 Resp: 58180

Ion Ratio Lower Upper

88 100

58 83.5 63.0 94.4

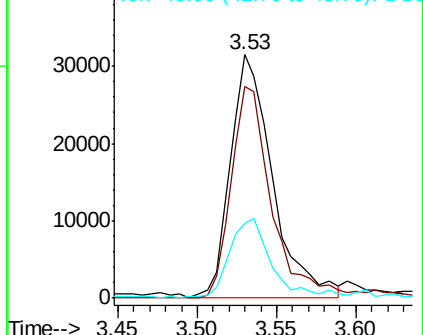
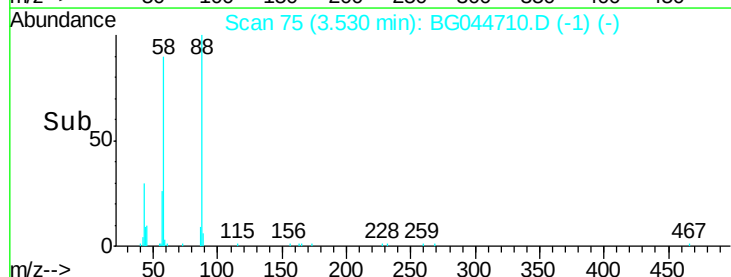
43 31.5 23.2 34.8

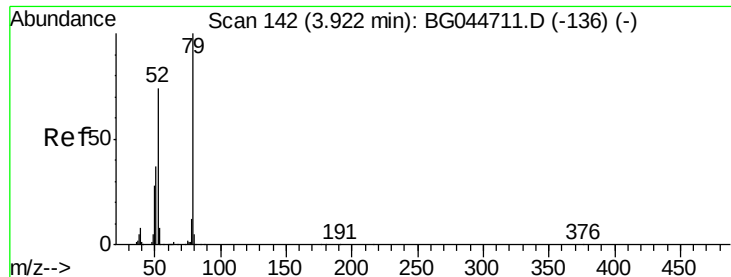


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 18.689 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

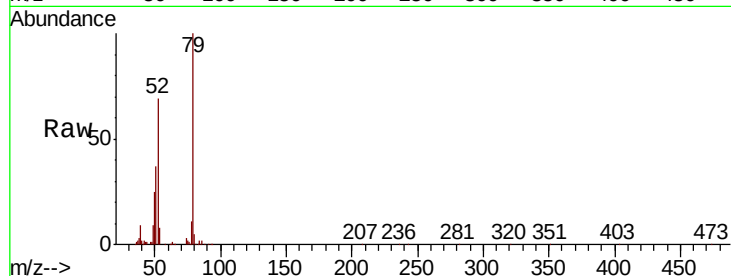
Tot Ion: 79 Resp: 172951

Ion Ratio Lower Upper

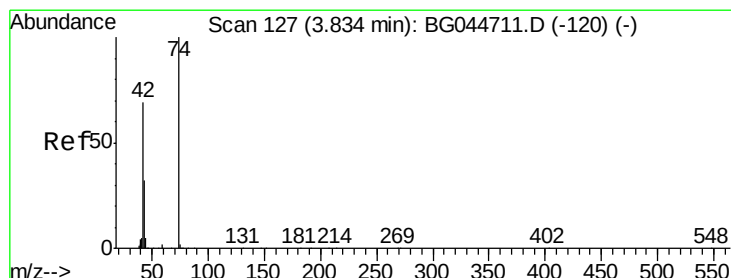
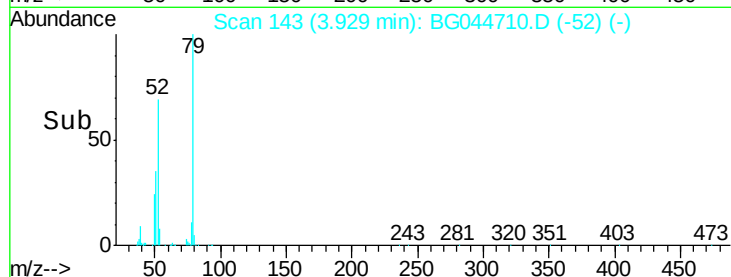
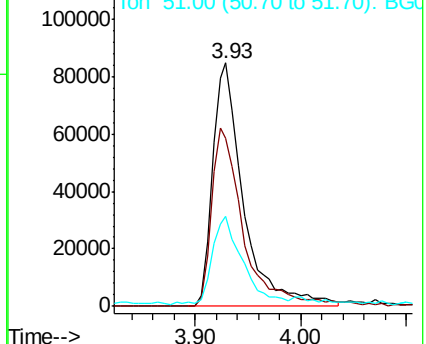
79 100

52 69.0 59.4 89.2

51 36.9 29.7 44.5



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: 15.753 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

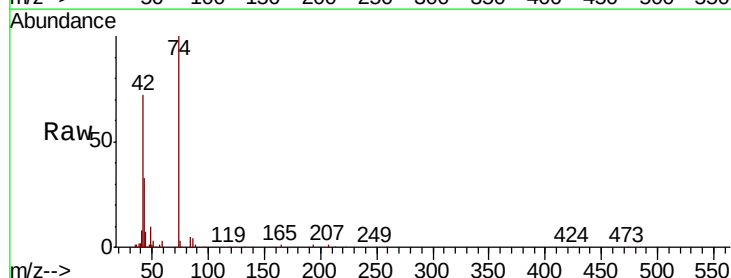
Tgt Ion: 42 Resp: 61663

Ion Ratio Lower Upper

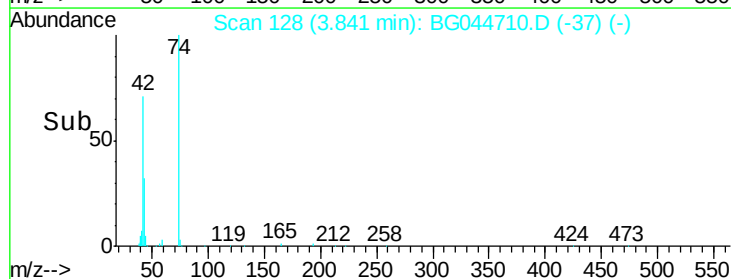
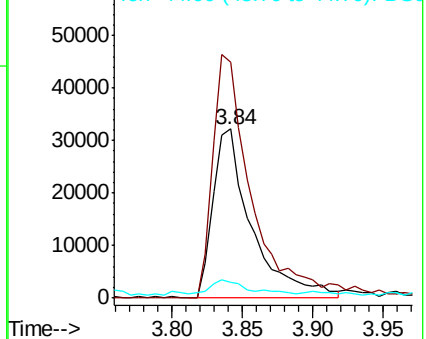
42 100

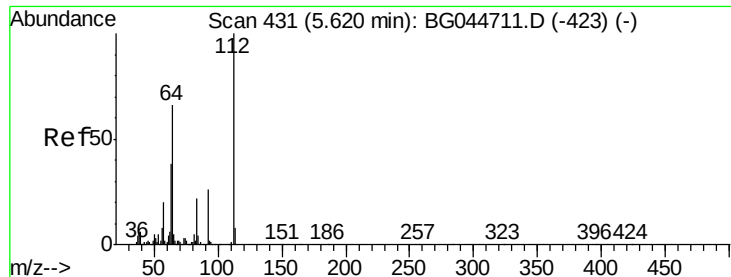
74 139.6 116.1 174.1

44 9.5 7.1 10.7



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: 39.802 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

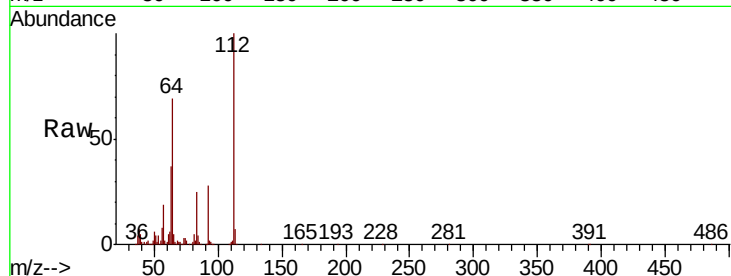
Tot Ion:112 Resp: 247834

Ion Ratio Lower Upper

112 100

64 69.1 52.6 78.8

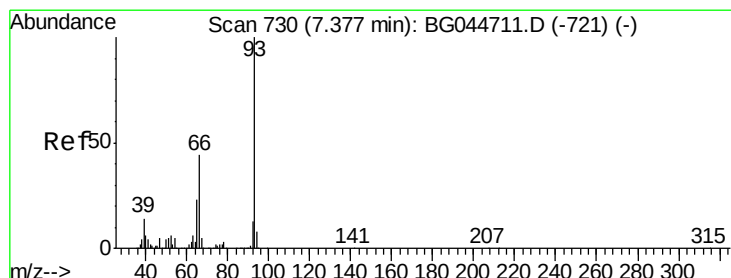
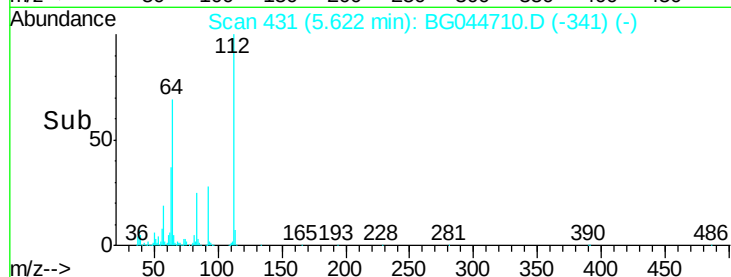
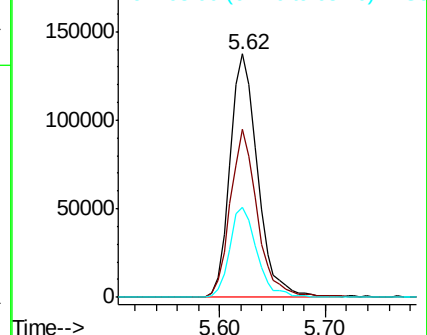
63 36.9 30.2 45.4



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: 18.788 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

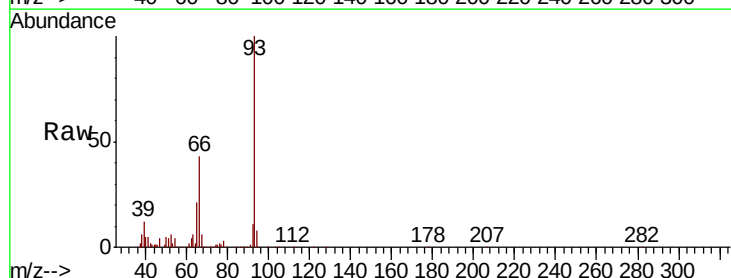
Tgt Ion: 93 Resp: 221519

Ion Ratio Lower Upper

93 100

66 42.9 35.3 52.9

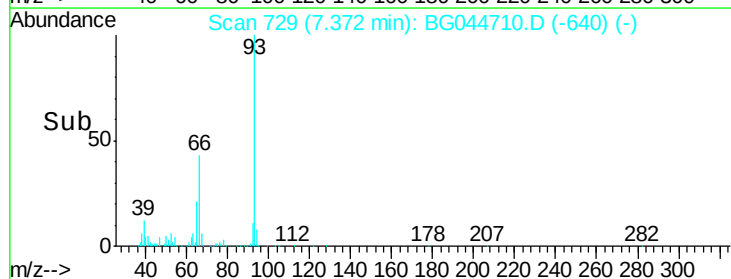
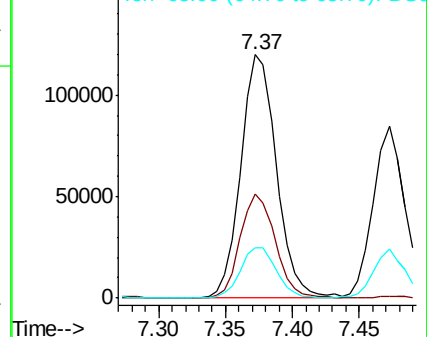
65 20.7 18.2 27.4

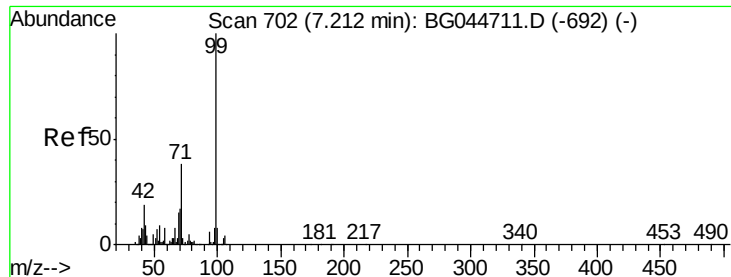


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 38.650 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampled :

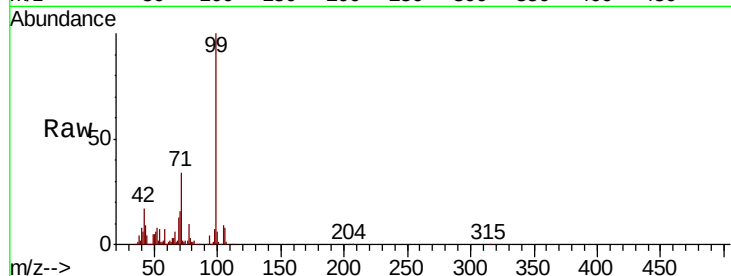
Tot Ion: 99 Resp: 363768

Ion Ratio Lower Upper

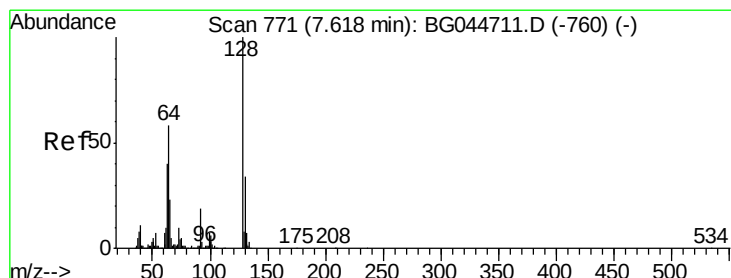
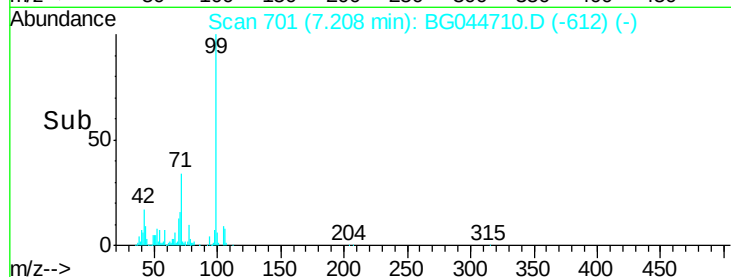
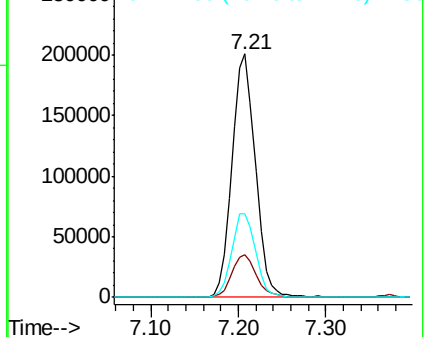
99 100

42 17.3 15.4 23.0

71 34.2 30.2 45.4



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: 19.038 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

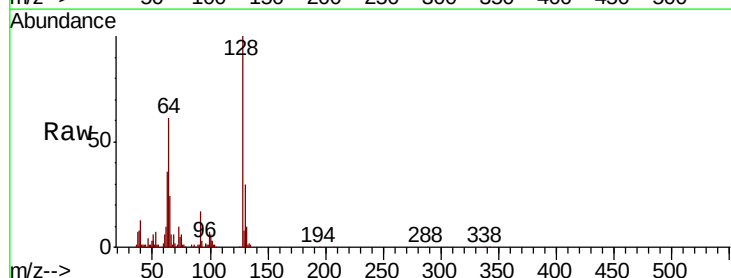
Tgt Ion: 128 Resp: 120143

Ion Ratio Lower Upper

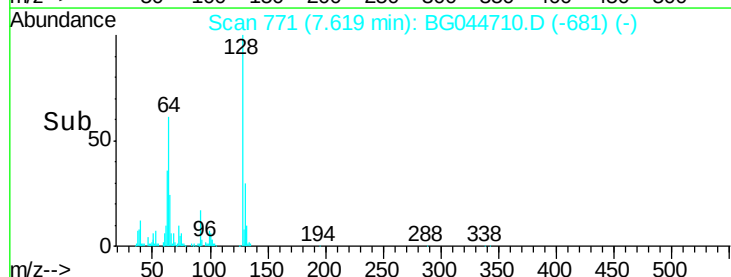
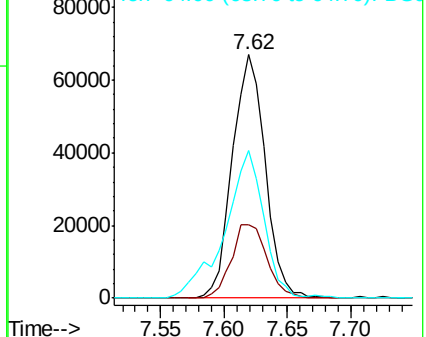
128 100

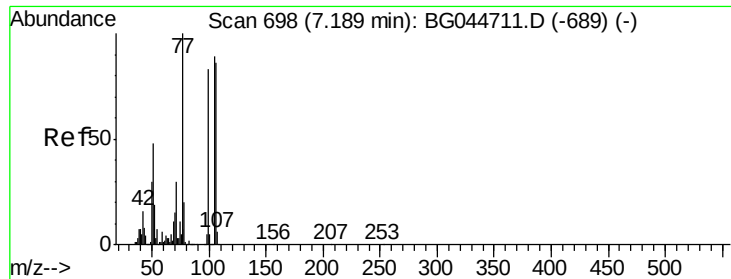
130 30.2 13.6 53.6

64 60.7 38.6 78.6



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: 22.796 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

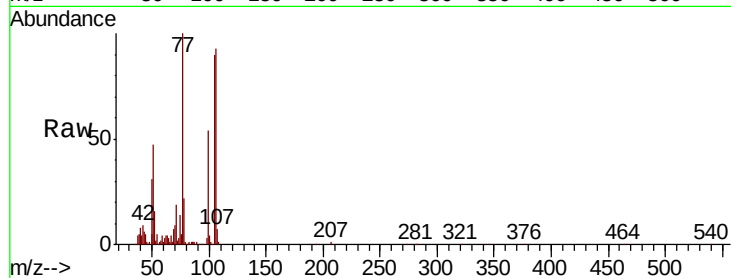
Tot Ion: 77 Resp: 125932

Ion Ratio Lower Upper

77 100

105 90.0 68.6 108.6

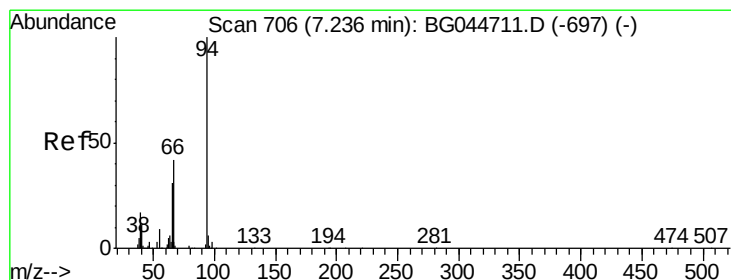
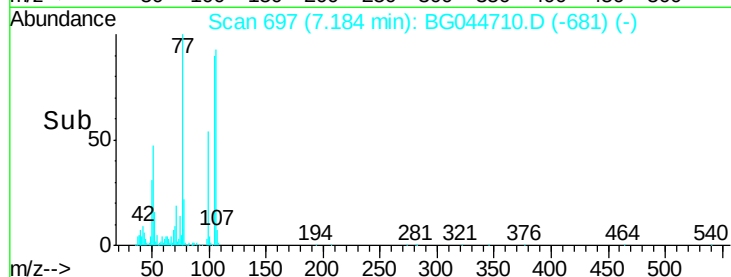
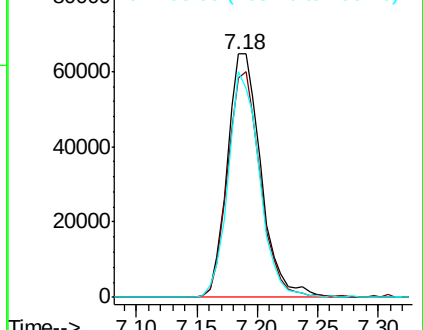
106 92.5 65.9 105.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 19.443 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

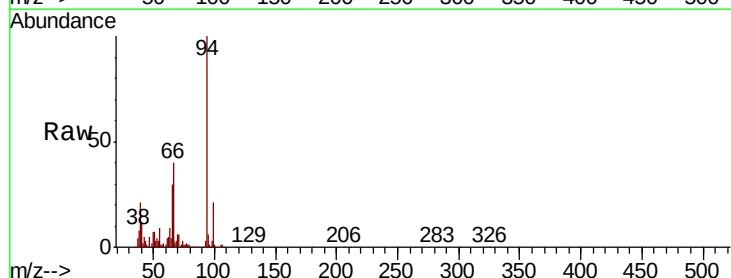
Tgt Ion: 94 Resp: 180269

Ion Ratio Lower Upper

94 100

65 29.7 11.3 51.3

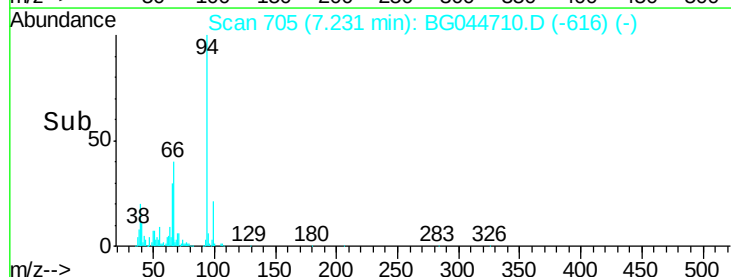
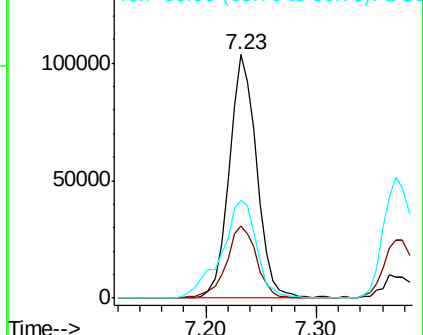
66 40.1 22.9 62.9

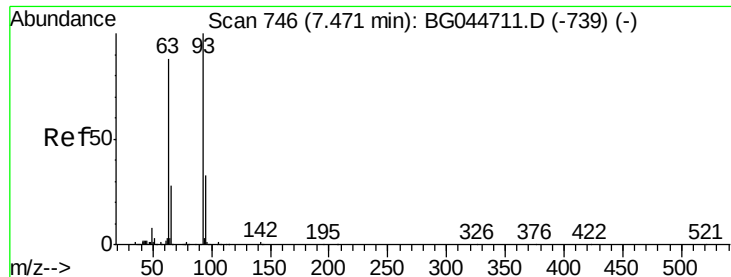


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

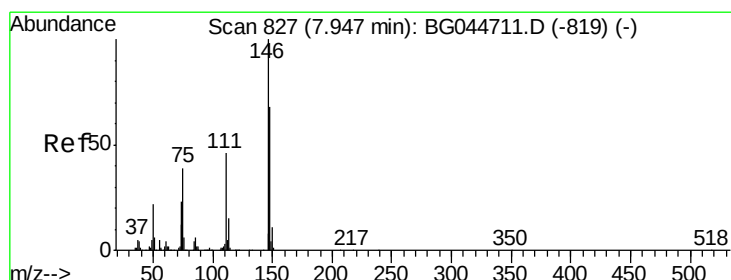
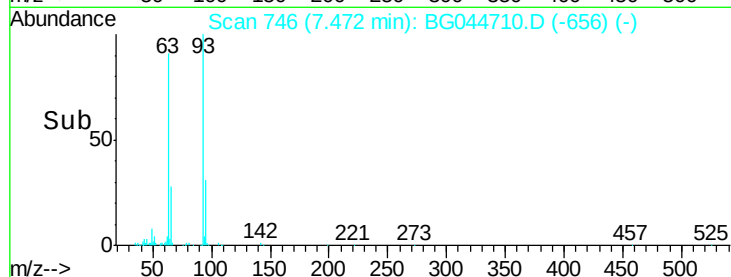
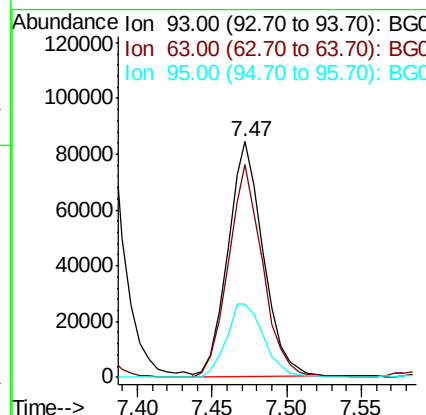
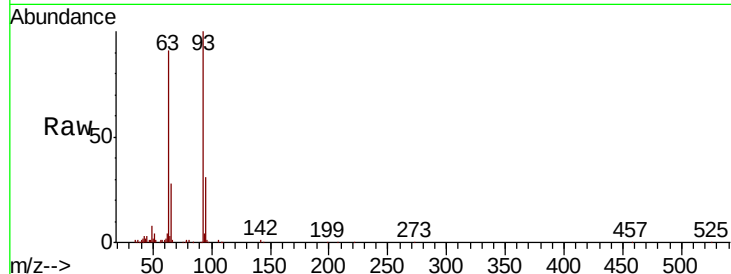




#11
bis(2-Chloroethyl)ether
Concen: 19.520 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

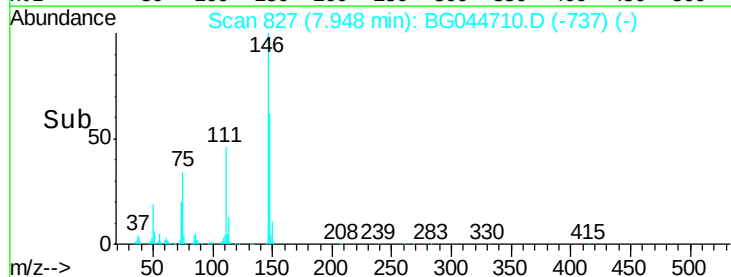
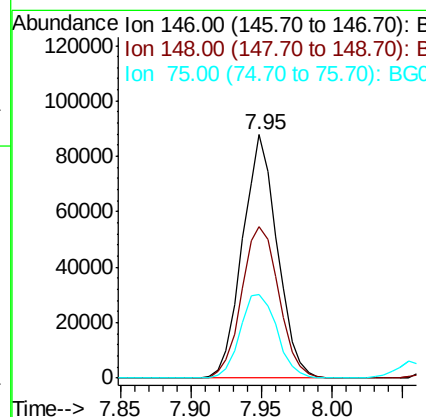
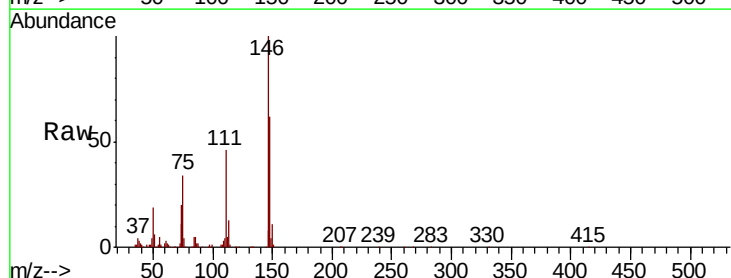
Instrument :
BNA_G
ClientSampleId :

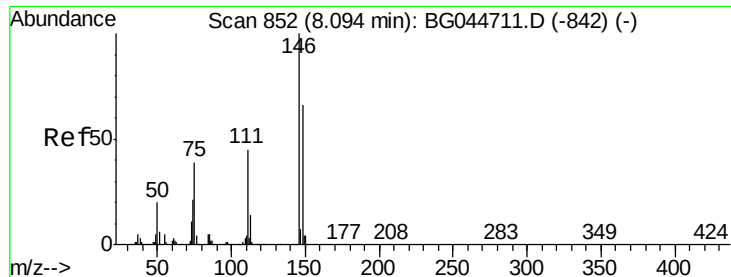
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.5	68.1	108.1
95	31.3	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 20.120 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	54.2	81.2
75	34.2	31.3	46.9

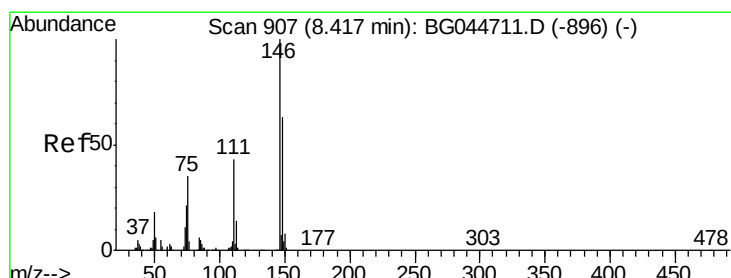
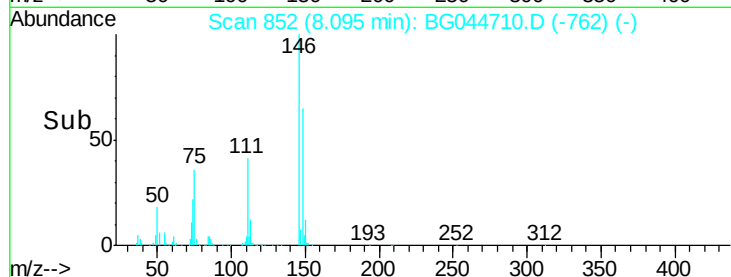
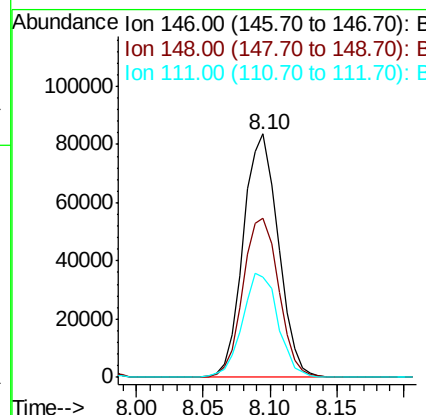
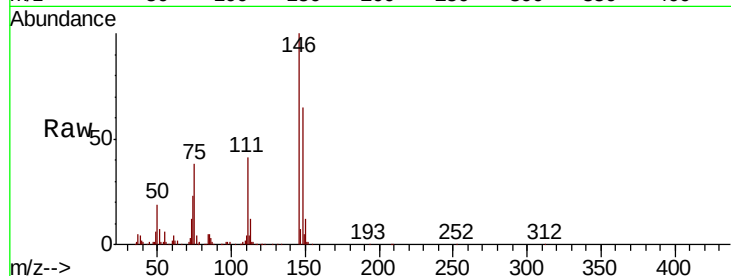




#13
 1,4-Dichlorobenzene
 Concen: 20.167 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

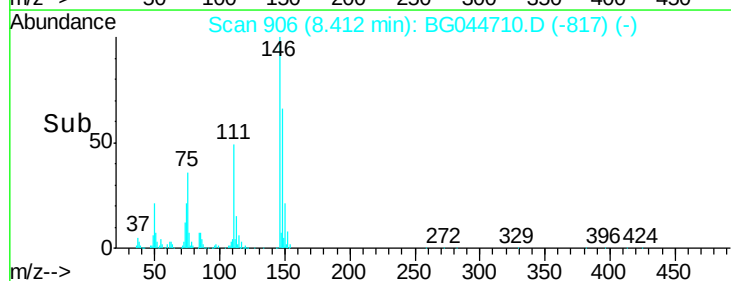
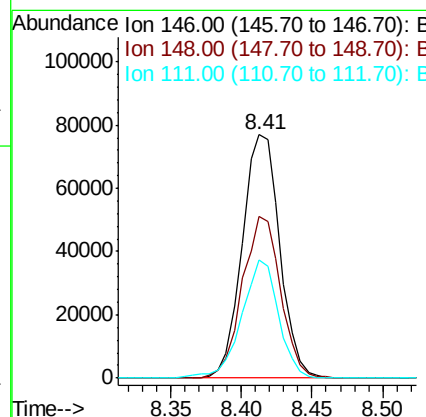
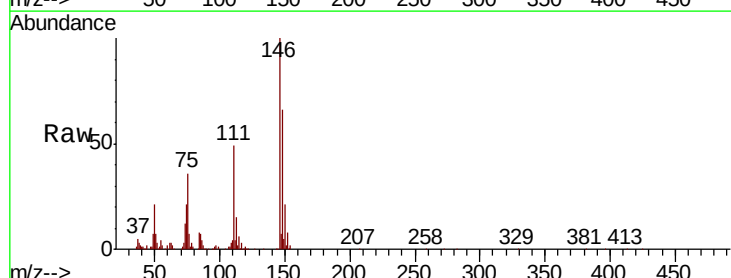
Instrument :
 BNA_G
 ClientSampleId :

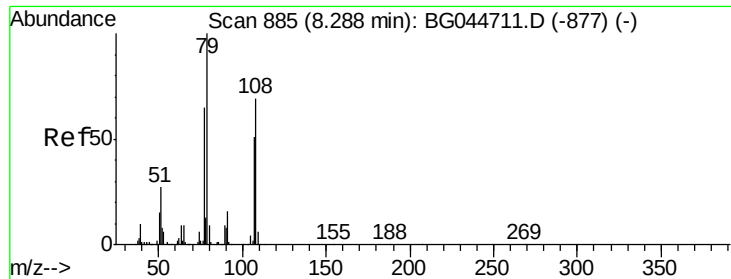
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.9	79.3
111	41.4	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 20.221 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.8	76.2
111	48.8	34.8	52.2

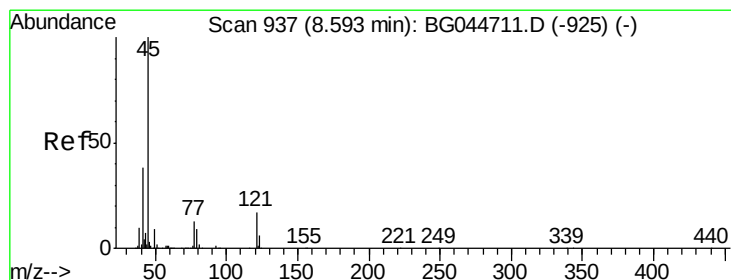
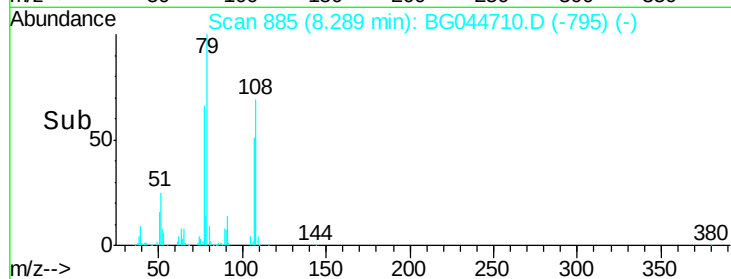
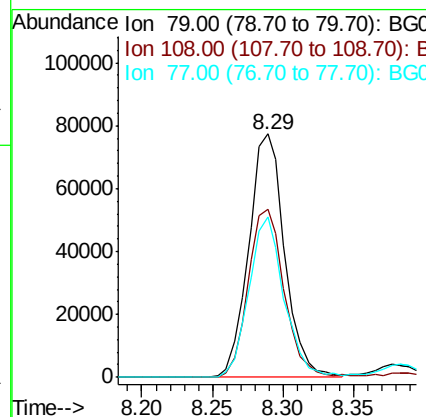
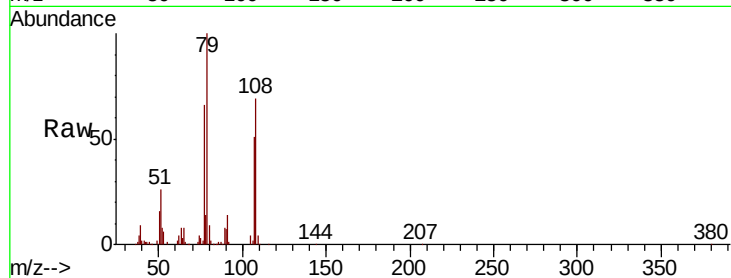




#15
Benzyl Alcohol
Concen: 16.991 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

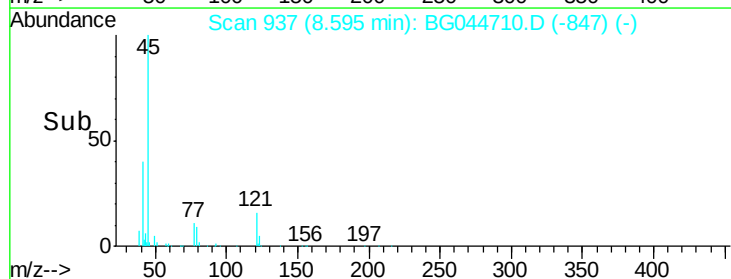
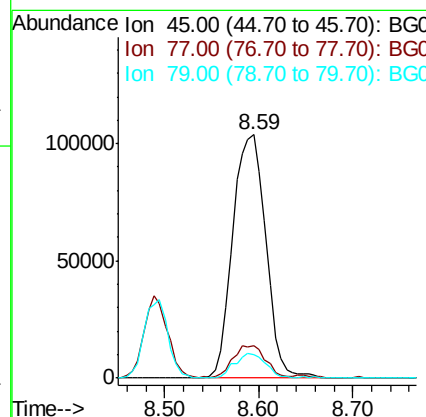
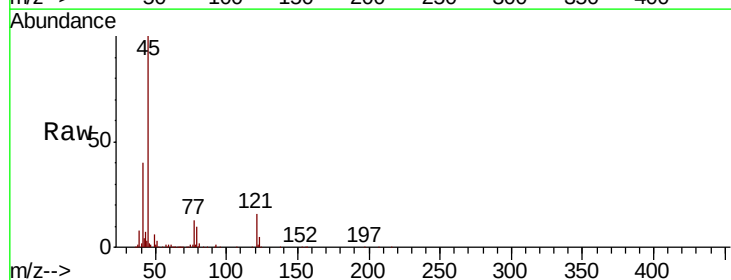
Instrument :
BNA_G
ClientSampled :

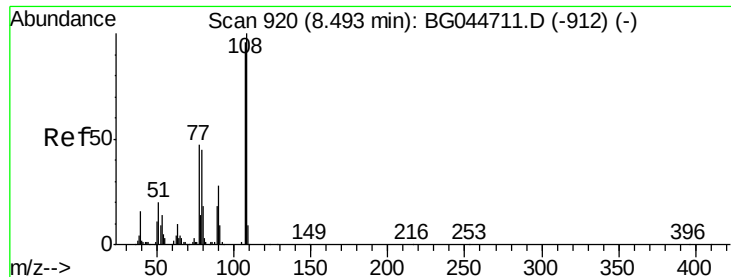
Tot Ion	Ratio	Lower	Upper
79	100		
108	69.2	55.4	83.0
77	66.1	52.2	78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.838 ng
RT: 8.59 min Scan# 937
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.4
79	9.7	0.0	30.0

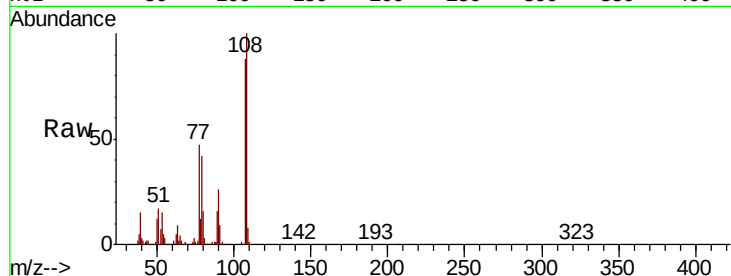




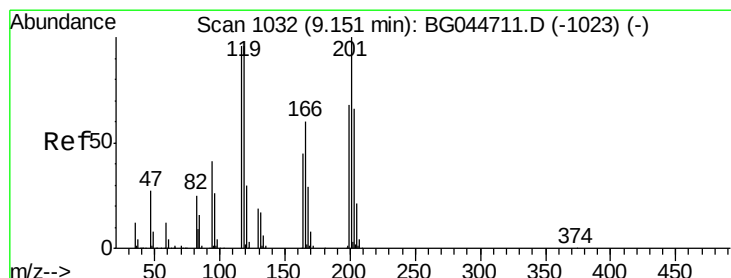
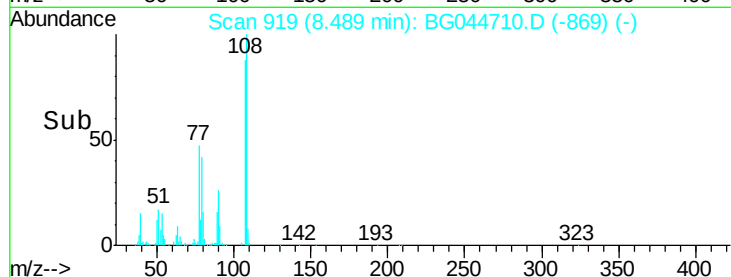
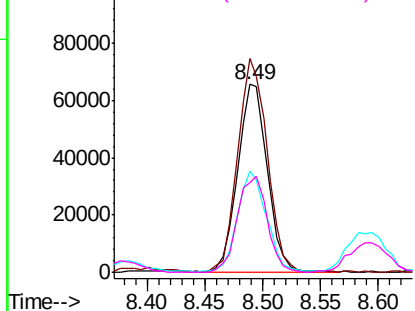
#17
2-Methylphenol
Concen: 18.419 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	117007
Ion	Ratio	Lower	Upper
107	100		
108	113.6	83.2	124.8
77	53.5	39.0	58.6
79	47.7	37.6	56.4

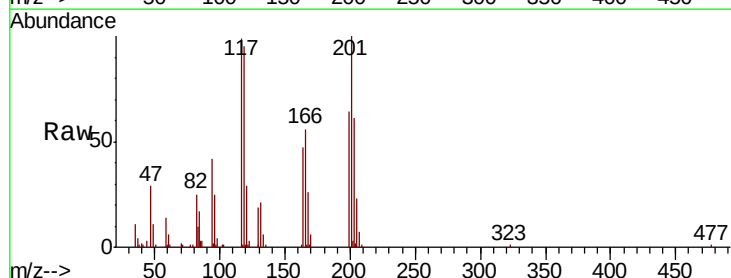


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

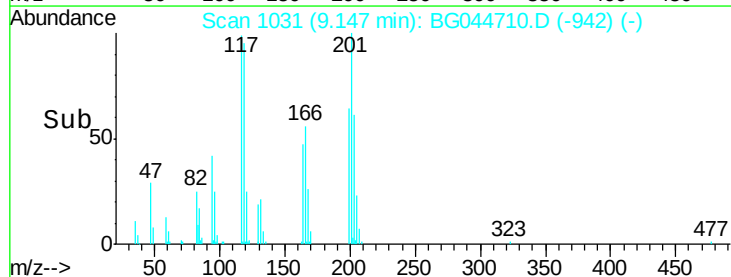
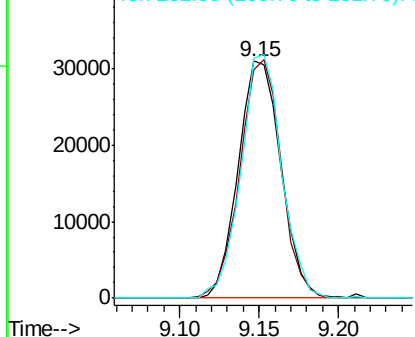


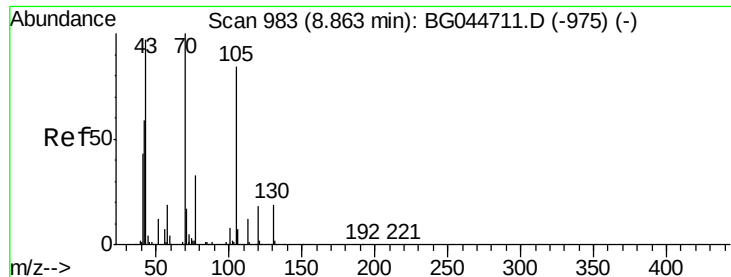
#18
Hexachloroethane
Concen: 19.273 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion:	117	Resp:	57963
Ion	Ratio	Lower	Upper
117	100		
119	96.3	80.2	120.4
201	101.2	83.4	125.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

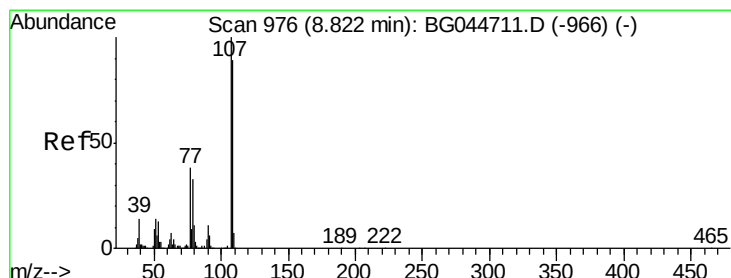
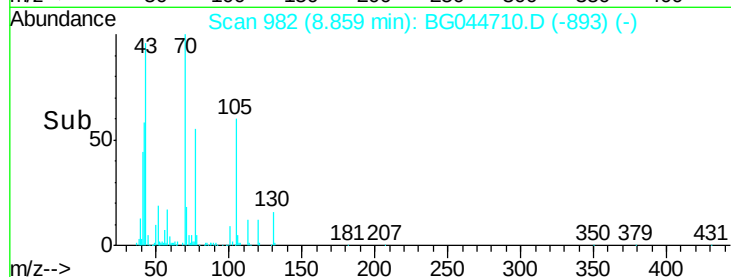
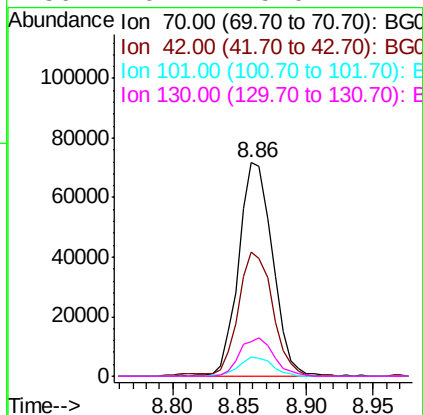
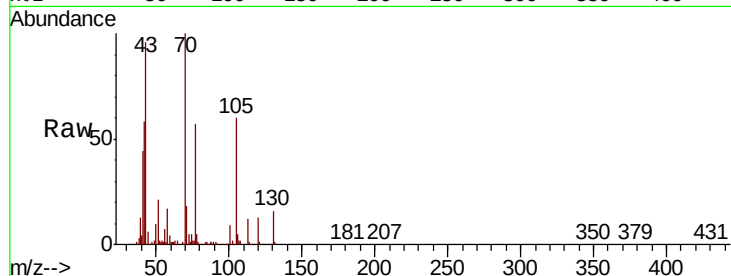




#19
n-Nitroso-di-n-propylamine
Concen: 17.883 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

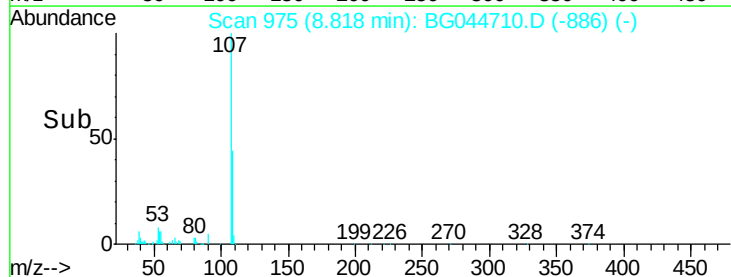
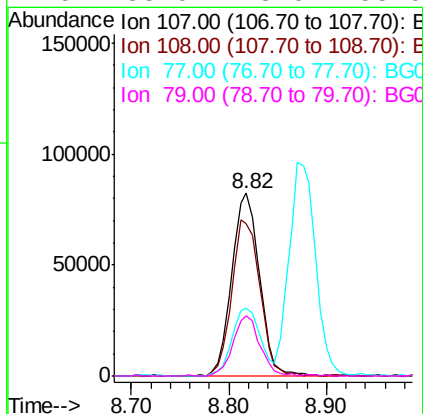
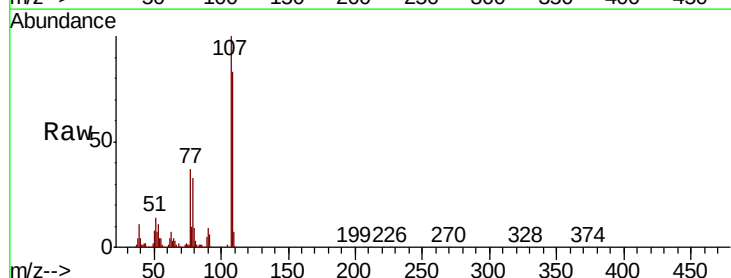
Instrument :
BNA_G
ClientSampleId :

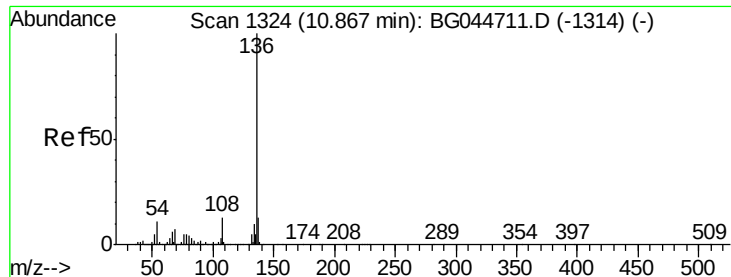
Tot Ion:	70	Resp:	125742
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.6	71.4
101	9.2	6.5	9.7
130	16.1	15.0	22.4



#20
3+4-Methylphenols
Concen: 18.454 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion:	107	Resp:	163313
Ion	Ratio	Lower	Upper
107	100		
108	83.5	69.1	109.1
77	37.3	17.7	57.7
79	33.0	13.0	53.0

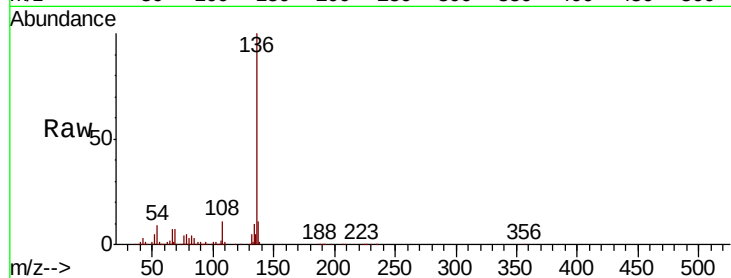




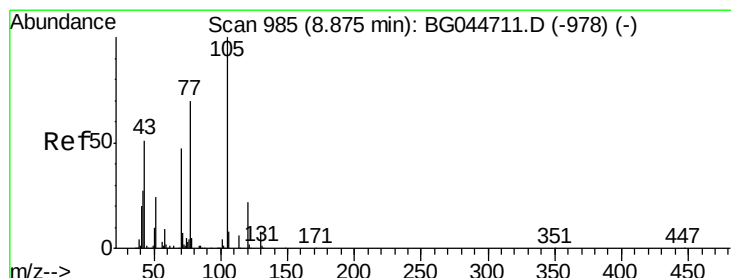
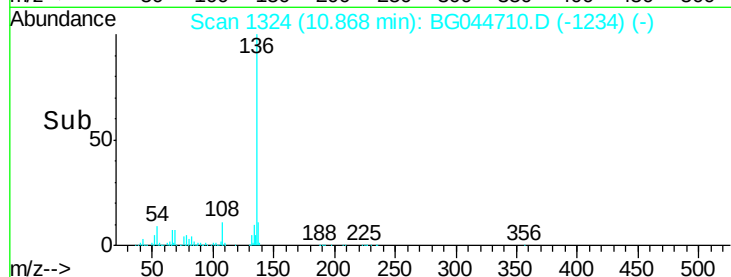
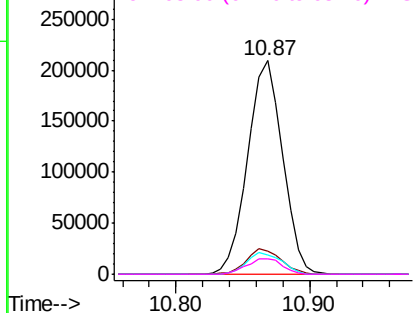
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	378146
Ion Ratio	Lower	Upper
136 100		
137 10.6	10.7	16.1#
54 9.2	9.0	13.4
68 7.4	5.9	8.9

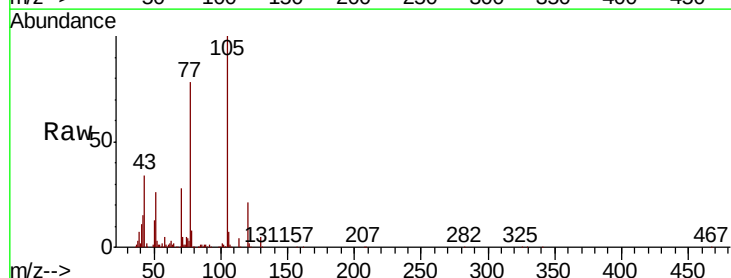


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

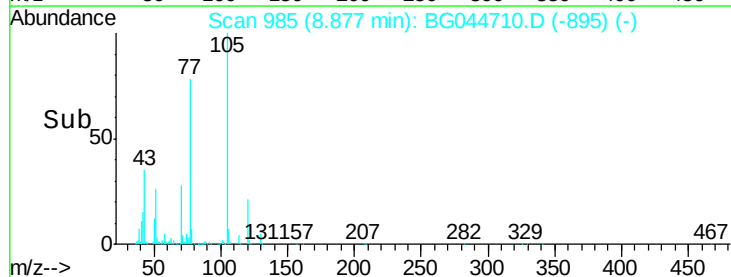
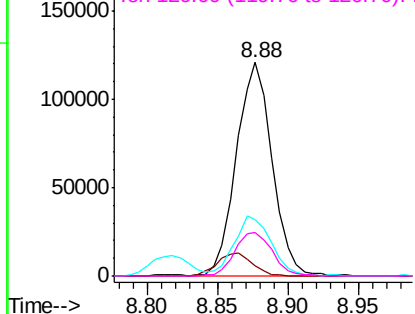


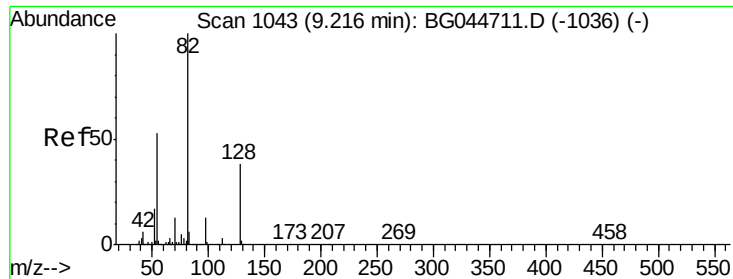
#22
Acetophenone
Concen: 19.257 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt	Ion:105	Resp:	212576
Ion	Ratio	Lower	Upper
105	100		
71	4.5	5.8	8.8#
51	26.4	23.8	35.8
120	20.6	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

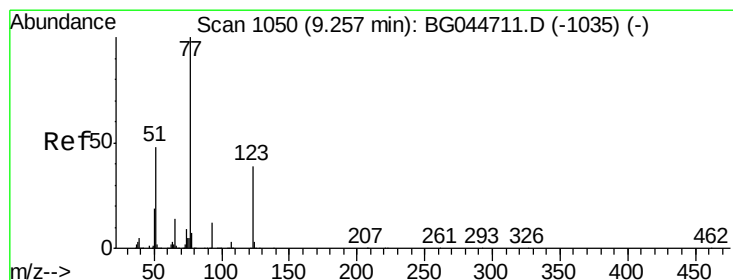
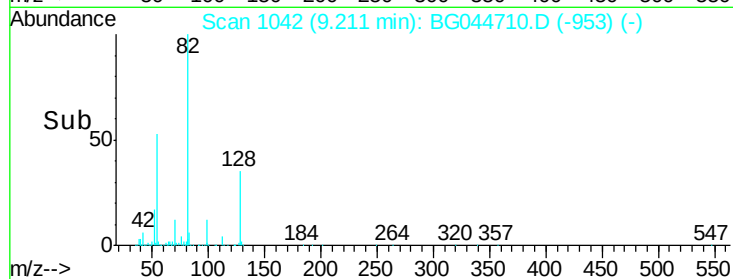
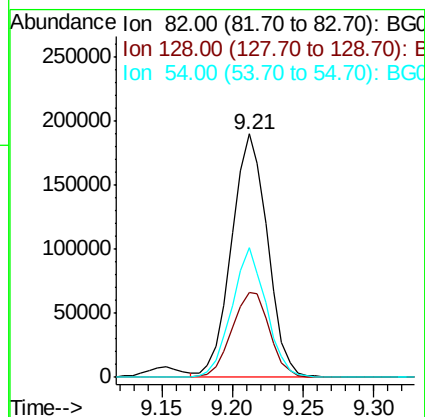
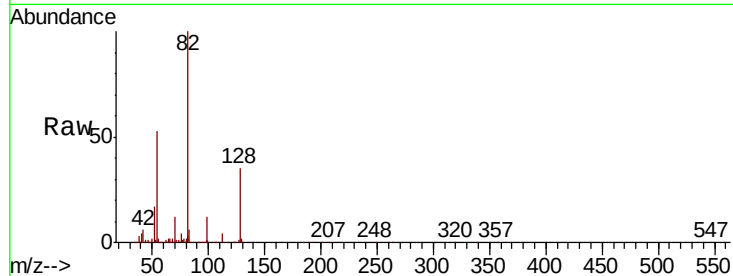




#23
 Nitrobenzene-d5
 Concen: 40.529 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

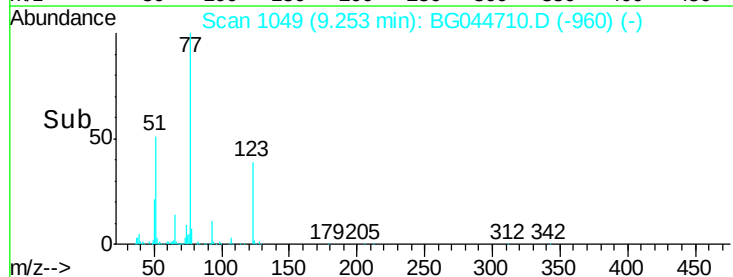
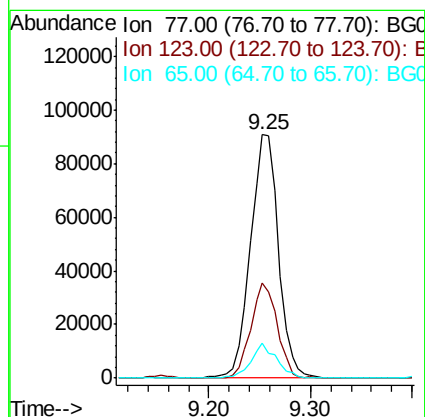
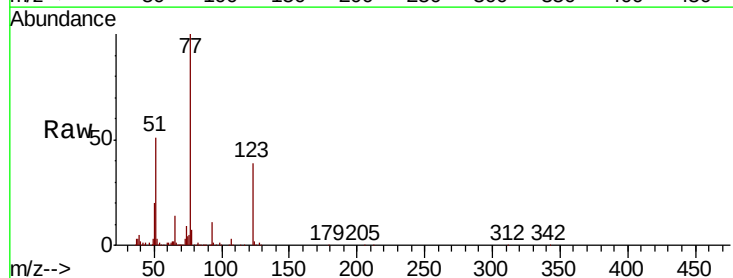
Instrument :
 BNA_G
 ClientSampleId :

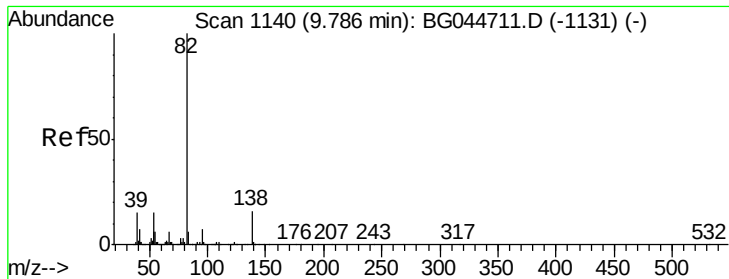
Tot Ion	82	Resp	336605
Ion Ratio	Lower	Upper	
82	100		
128	34.8	30.2	45.2
54	53.1	41.8	62.8



#24
 Nitrobenzene
 Concen: 19.684 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

Tgt Ion	77	Resp	173330
Ion Ratio	Lower	Upper	
77	100		
123	39.0	31.5	47.3
65	14.1	11.0	16.4





#25

Isophorone

Concen: 18.231 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

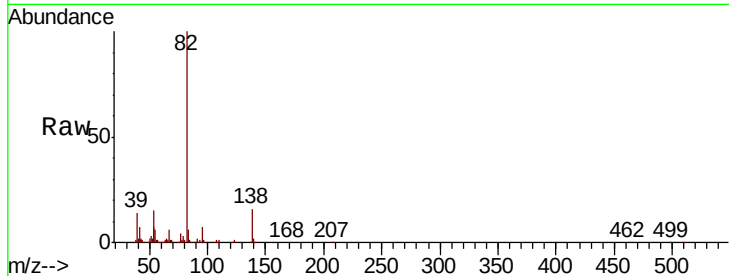
Tot Ion: 82 Resp: 333916

Ion Ratio Lower Upper

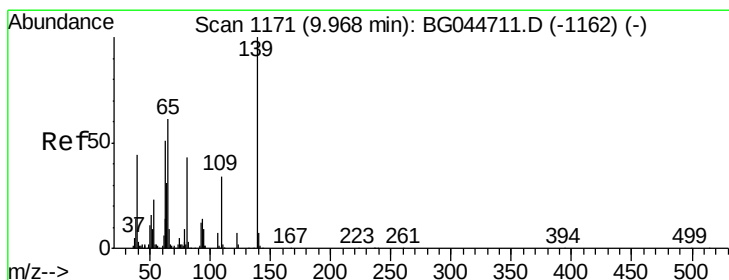
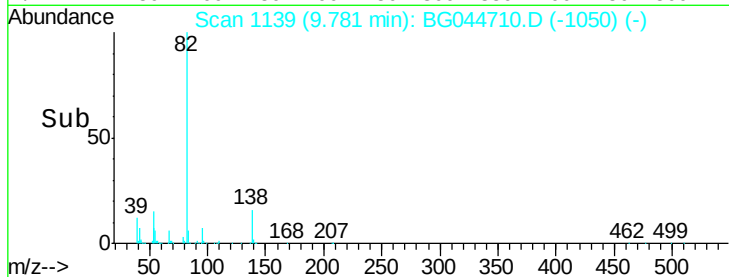
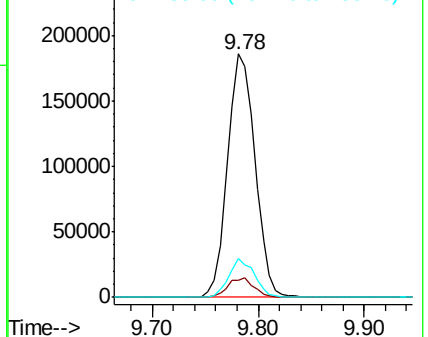
82 100

95 7.0 5.6 8.4

138 15.9 13.0 19.4



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



#26

2-Nitrophenol

Concen: 16.528 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

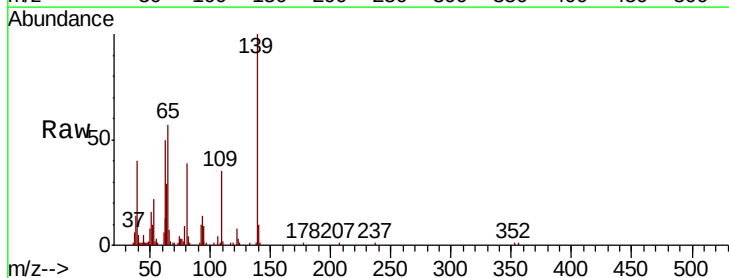
Tgt Ion: 139 Resp: 47592

Ion Ratio Lower Upper

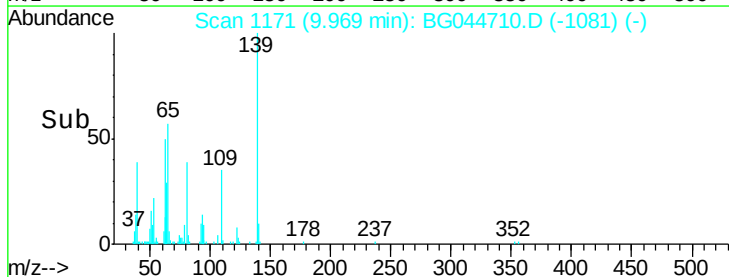
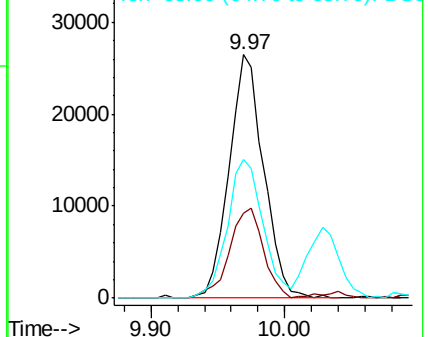
139 100

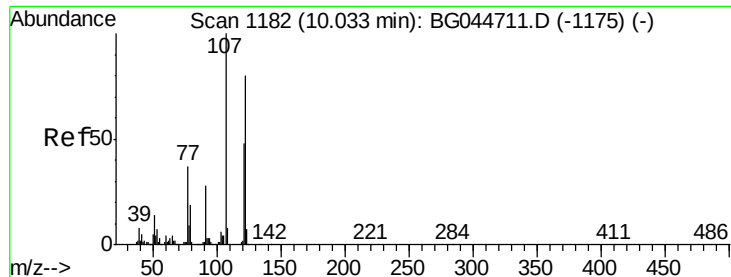
109 34.8 27.0 40.4

65 56.7 48.6 73.0



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

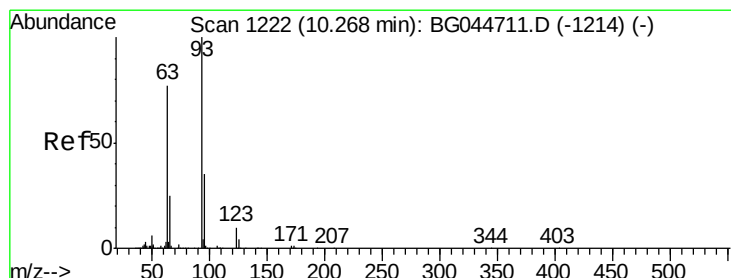
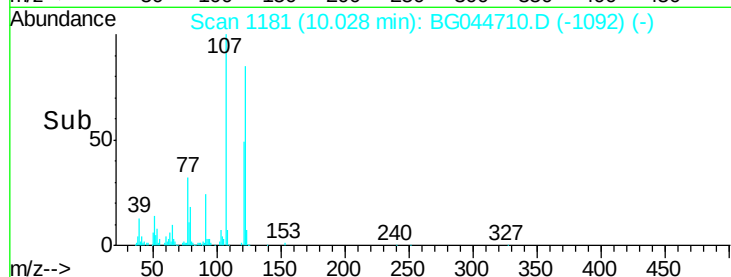
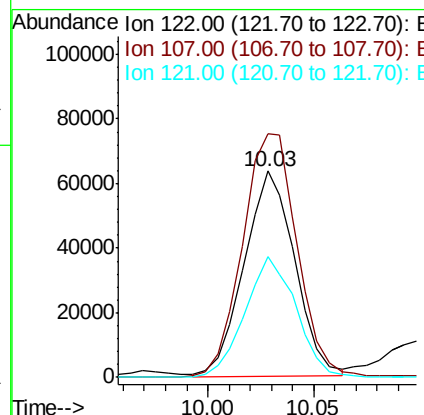
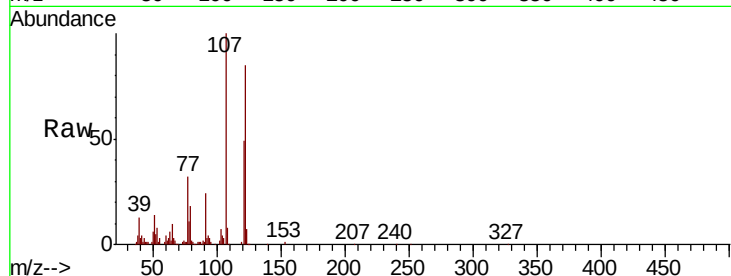




#27
2,4-Dimethylphenol
Concen: 18.403 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

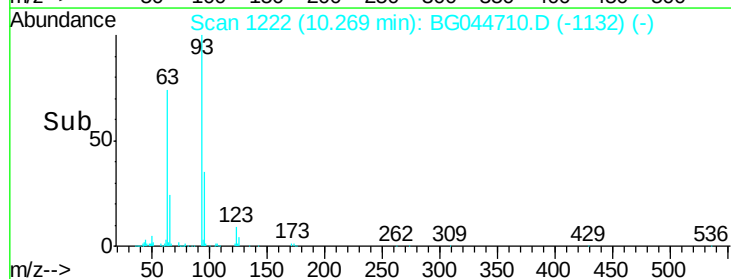
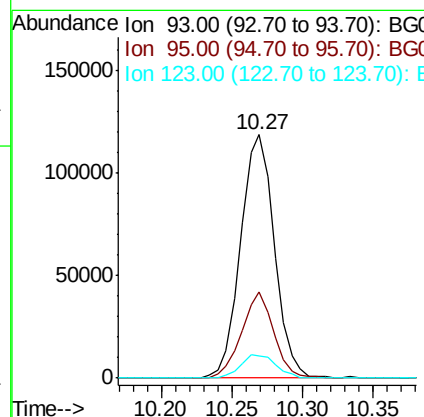
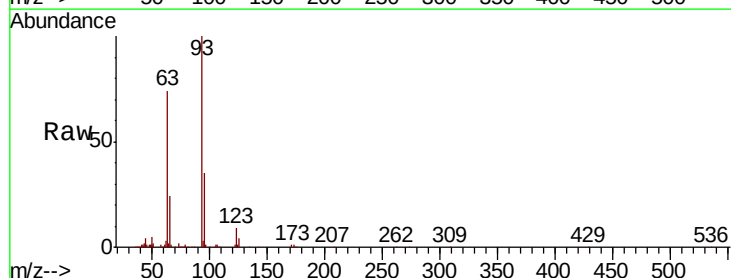
Instrument :
BNA_G
ClientSampled :

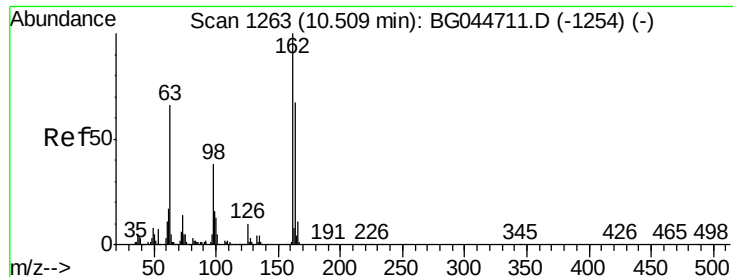
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	99.0	148.6
121	58.4	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 19.297 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.2	27.7	41.5
123	9.1	8.1	12.1

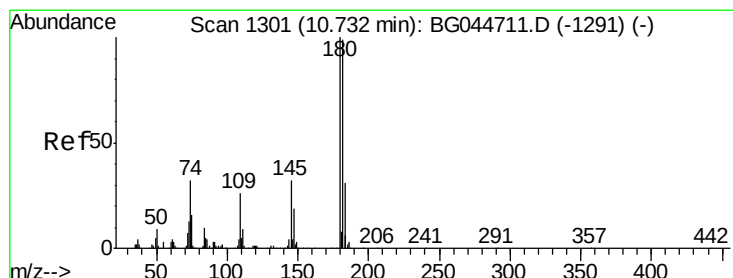
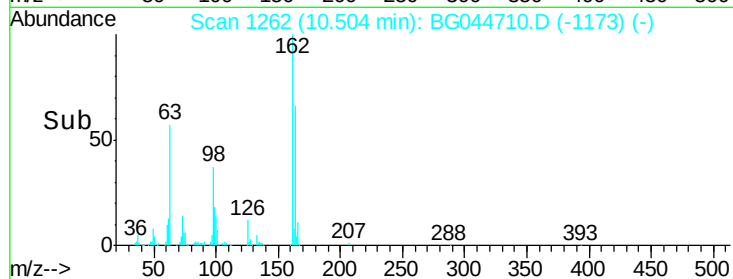
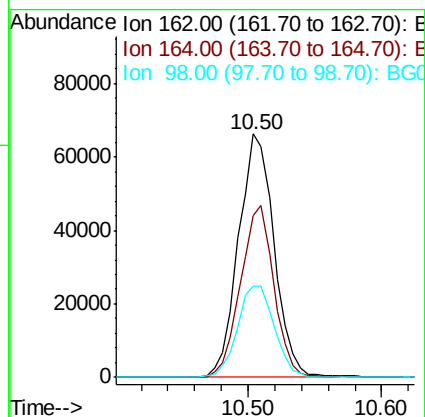
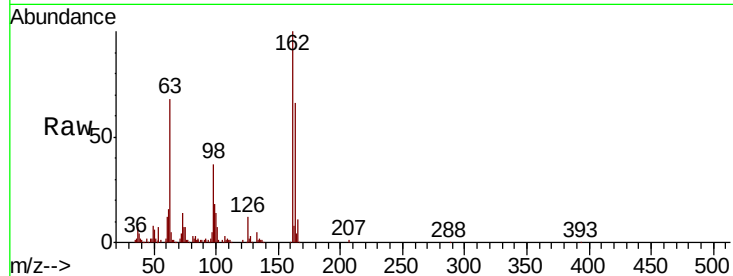




#29
2,4-Dichlorophenol
Concen: 18.674 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

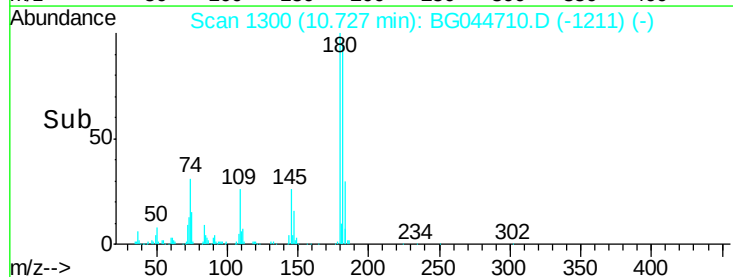
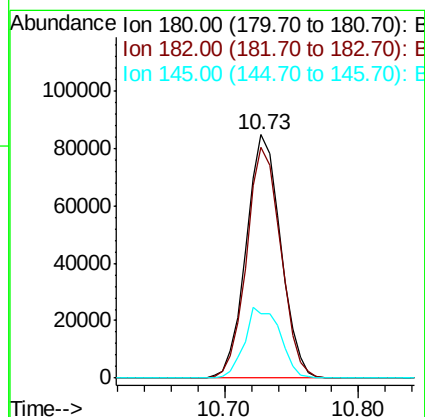
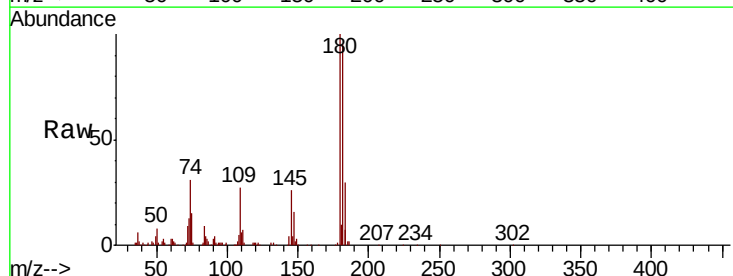
Instrument :
BNA_G
ClientSampleId :

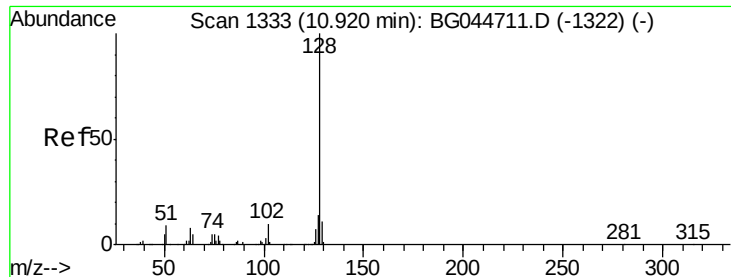
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	46.5	86.5
98	37.3	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 19.861 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.8	118.2
145	26.5	25.4	38.0

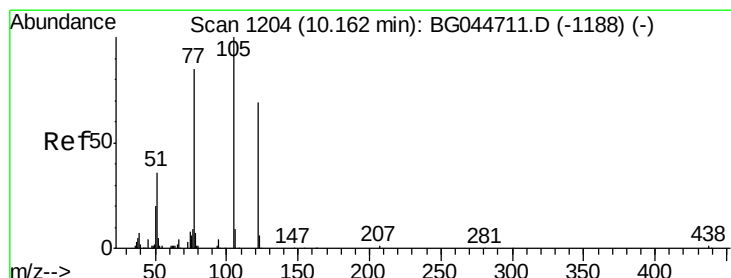
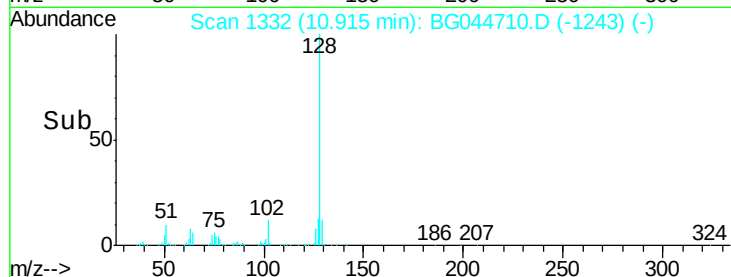
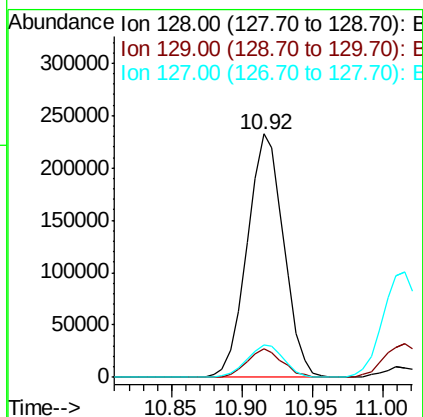
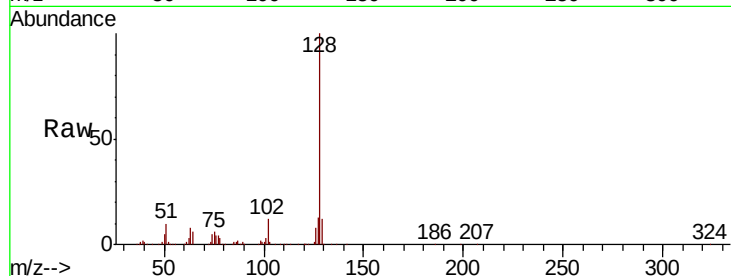




#31
Naphthalene
Concen: 19.854 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

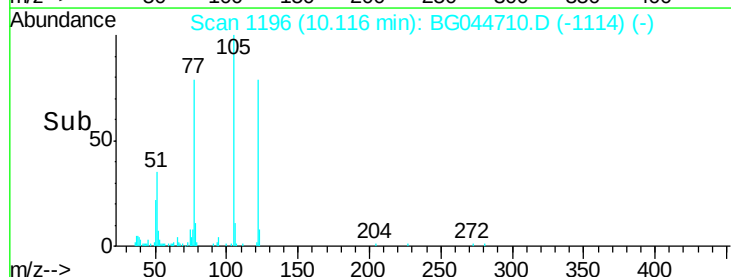
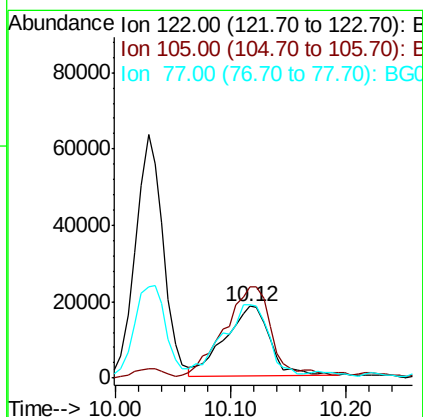
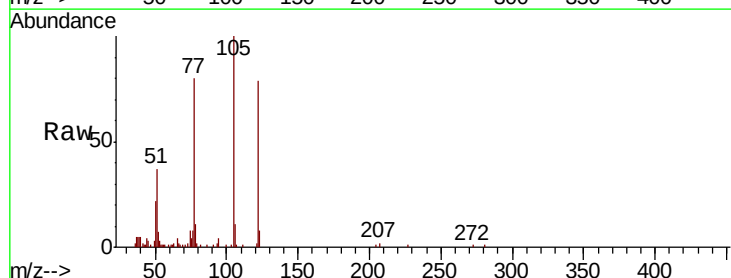
Instrument :
BNA_G
ClientSampleId :

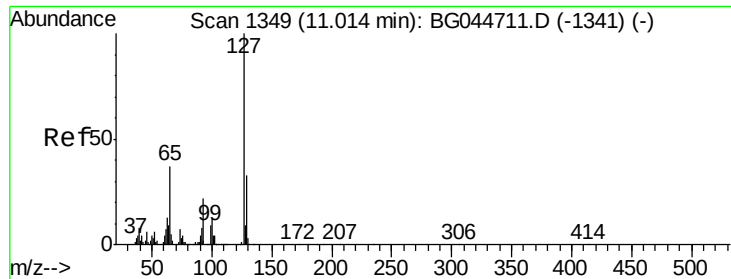
Tot Ion:128 Resp: 421333
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.2 11.0 16.6



#32
Benzoic acid
Concen: 12.199 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion:122 Resp: 49162
Ion Ratio Lower Upper
122 100
105 127.0 119.0 159.0
77 101.2 96.4 136.4

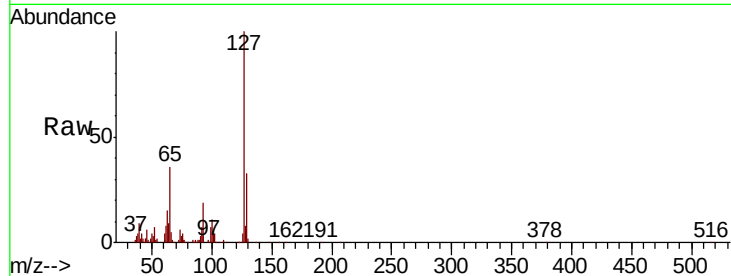




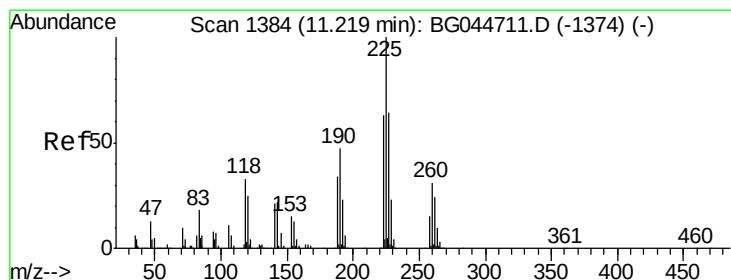
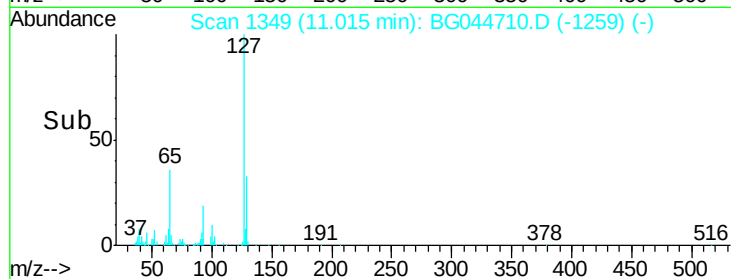
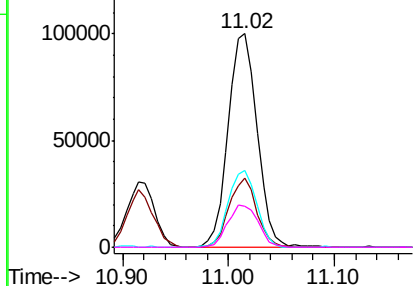
#33
4-Chloroaniline
Concen: 19.398 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	189602
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	36.2	29.6	44.4
92	19.2	17.4	26.0

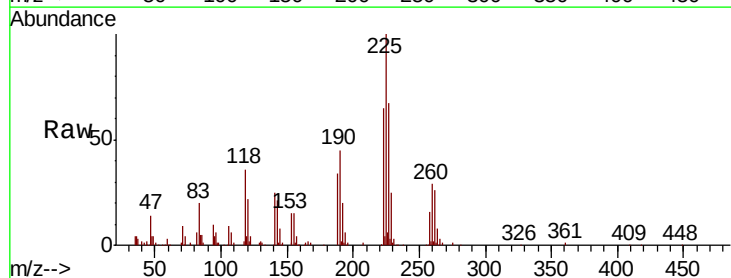


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

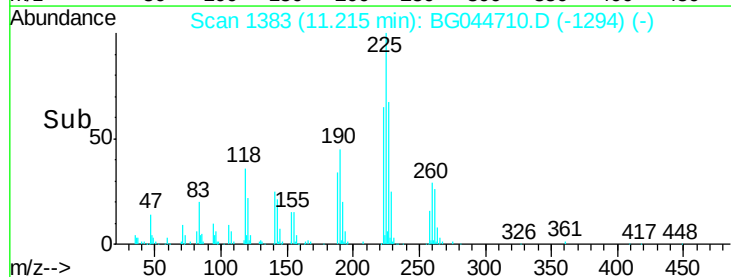
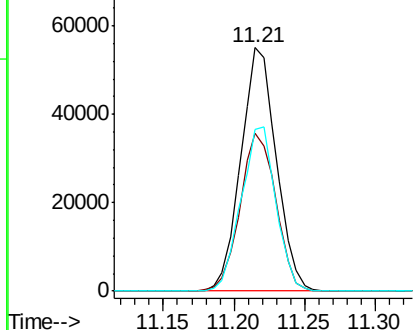


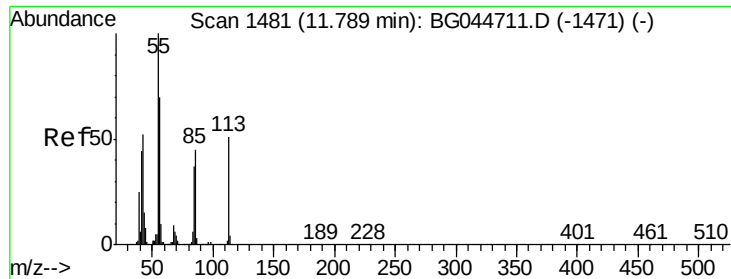
#34
Hexachlorobutadiene
Concen: 18.629 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion:	225	Resp:	96663
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.6	76.0
227	66.5	51.6	77.4



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

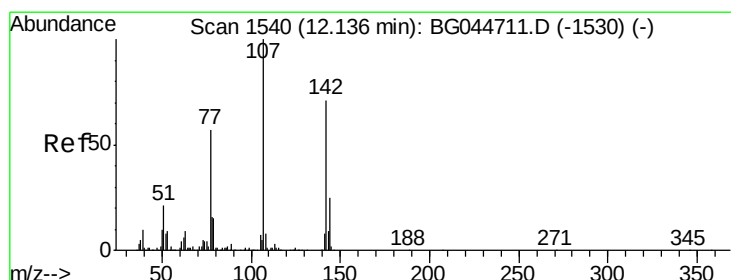
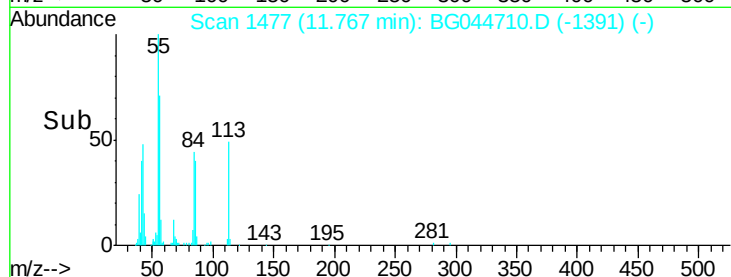
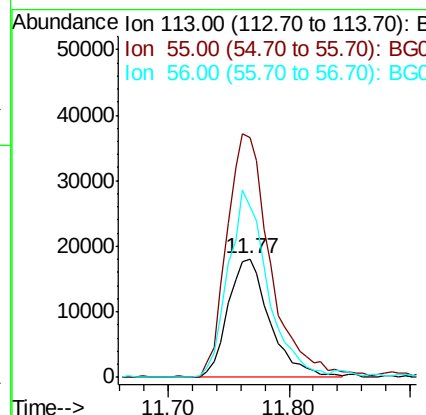
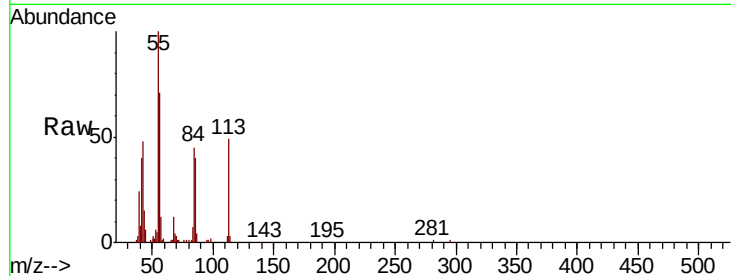




#35
 Caprolactam
 Concen: 15.955 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

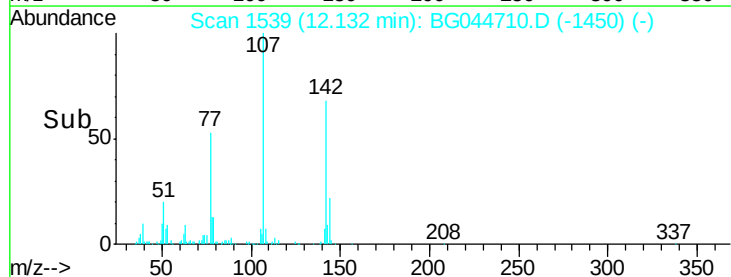
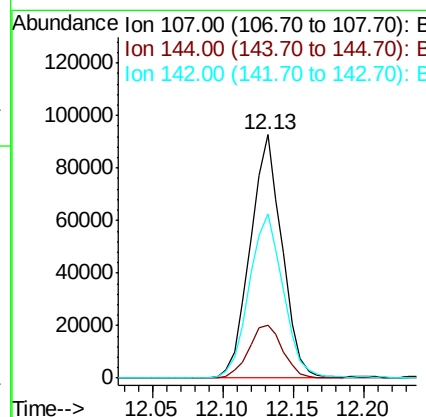
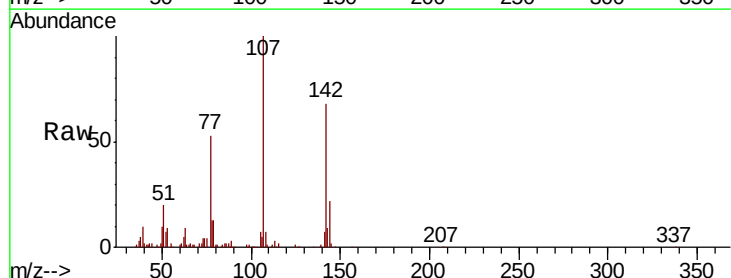
Instrument :
 BNA_G
 ClientSampleId :

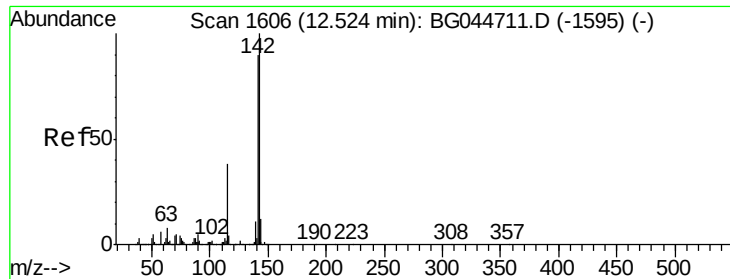
Tot Ion:113 Resp: 43546
 Ion Ratio Lower Upper
 113 100
 55 202.6 178.4 218.4
 56 143.8 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 17.772 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

Tgt Ion:107 Resp: 147148
 Ion Ratio Lower Upper
 107 100
 144 21.7 19.6 29.4
 142 67.6 56.5 84.7

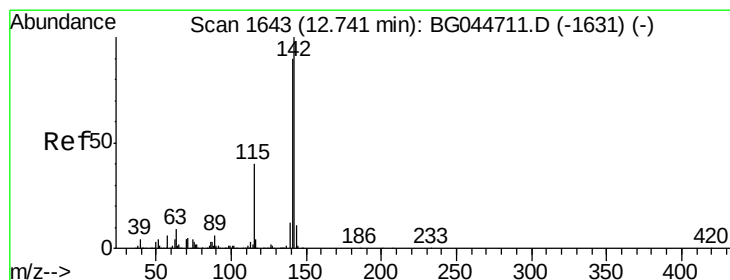
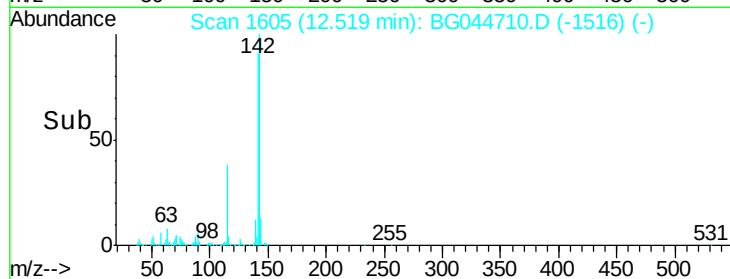
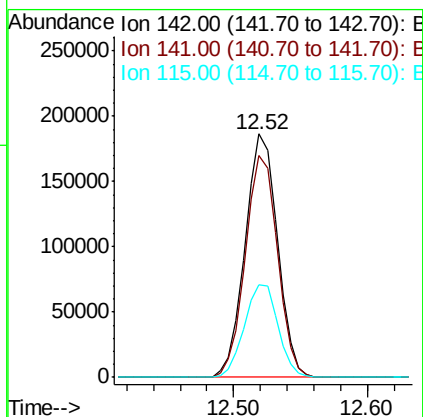
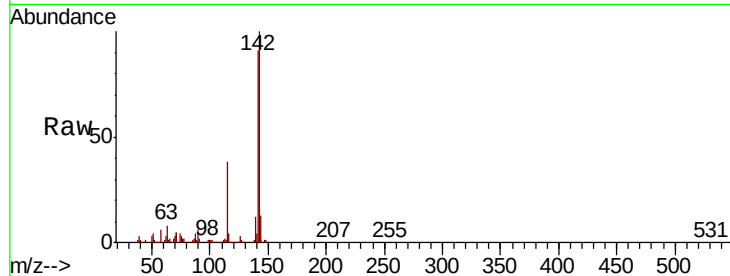




#37
 2-Methylnaphthalene
 Concen: 19.466 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

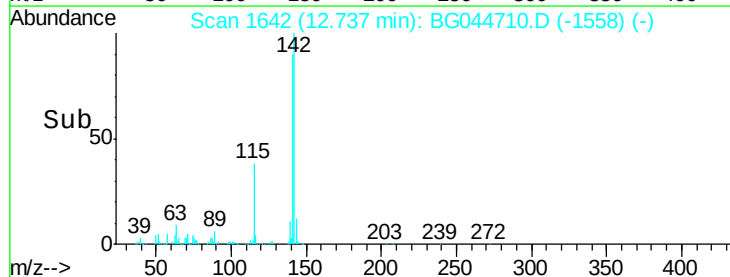
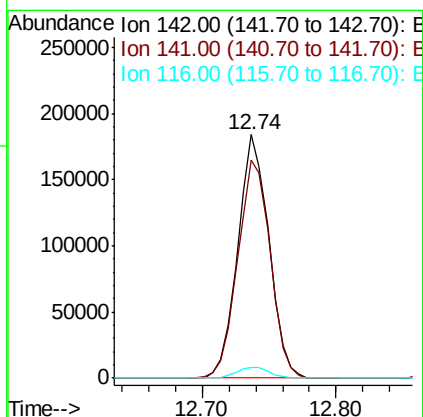
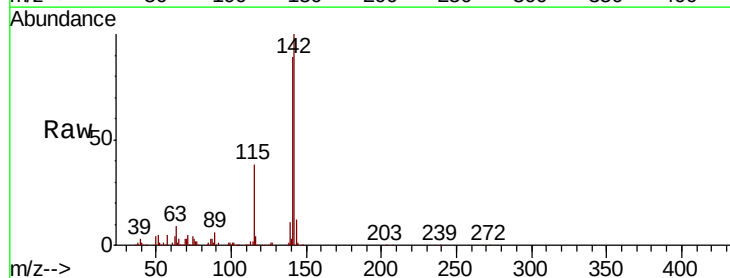
Instrument :
 BNA_G
 ClientSampleId :

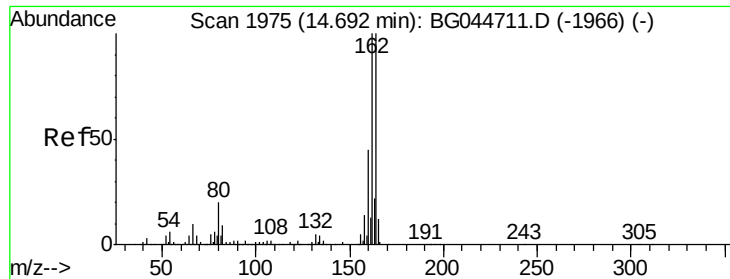
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.3	108.5
115	37.9	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 19.497 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.2
116	4.2	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

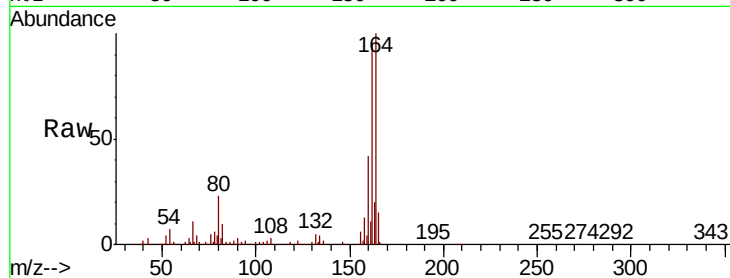
Tot Ion:164 Resp: 250670

Ion Ratio Lower Upper

164 100

162 95.6 80.2 120.4

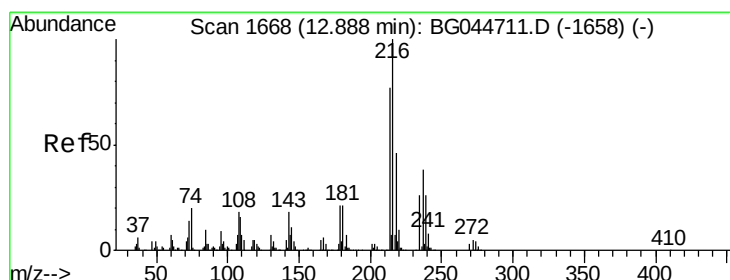
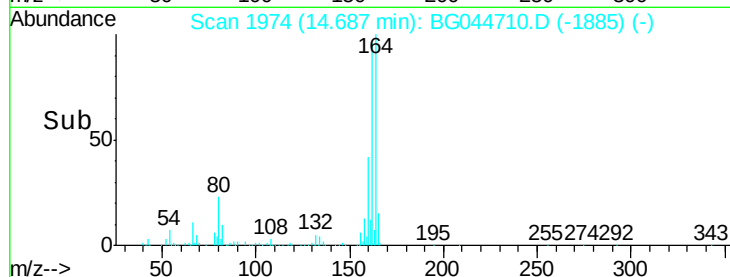
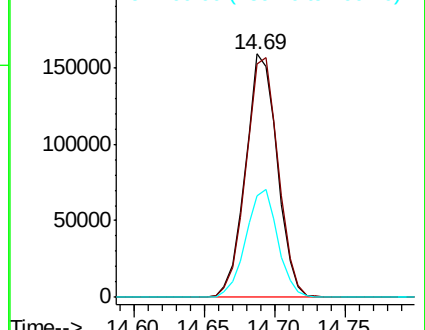
160 41.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.497 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Tgt Ion:216 Resp: 166798

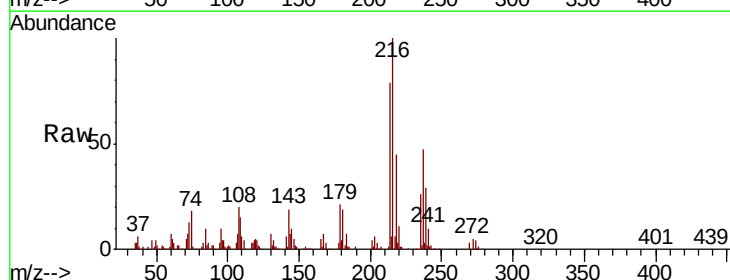
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 21.3 16.6 24.8

108 19.0 15.6 23.4

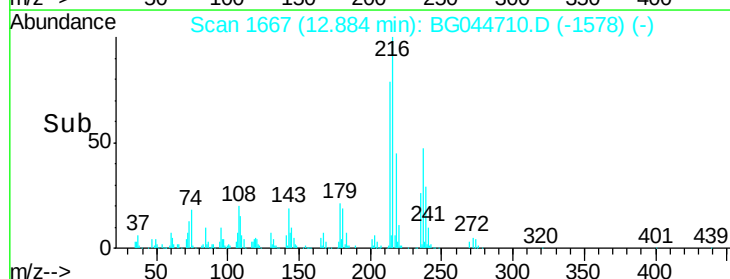
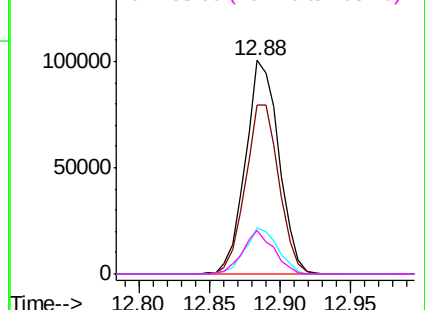


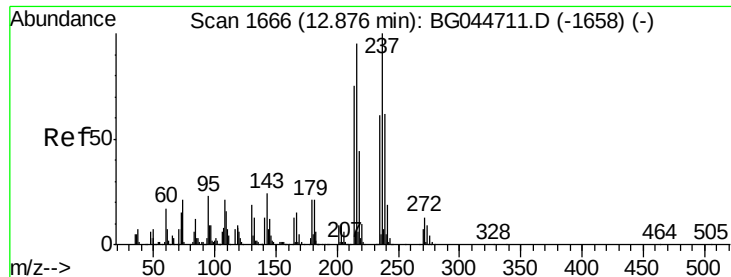
Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.017 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

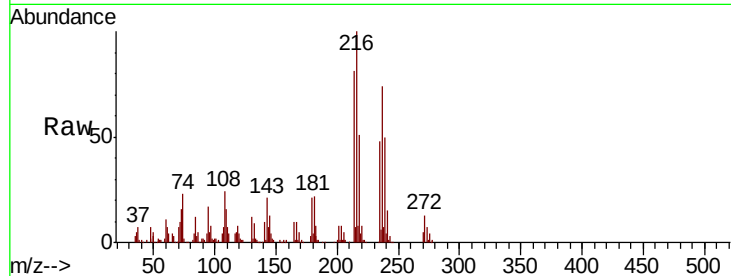
Tot Ion:237 Resp: 80978

Ion Ratio Lower Upper

237 100

235 64.7 40.6 80.6

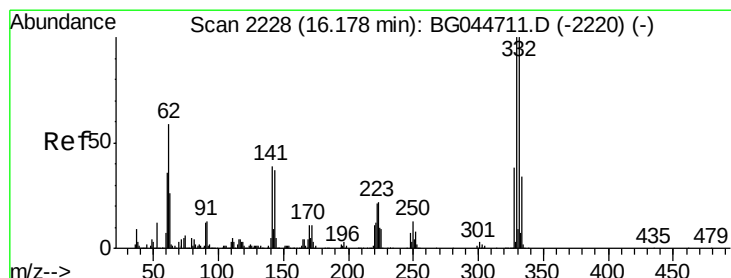
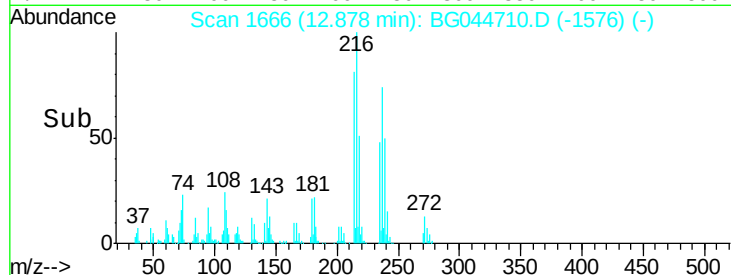
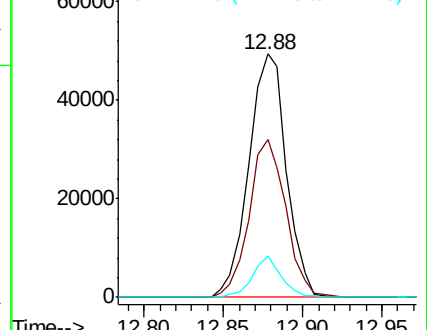
272 17.2 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 35.896 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

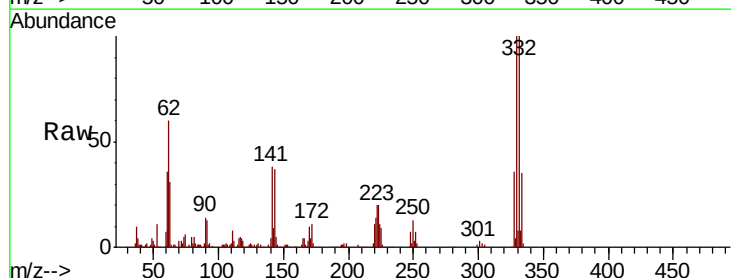
Tgt Ion:330 Resp: 123604

Ion Ratio Lower Upper

330 100

332 97.6 77.5 116.3

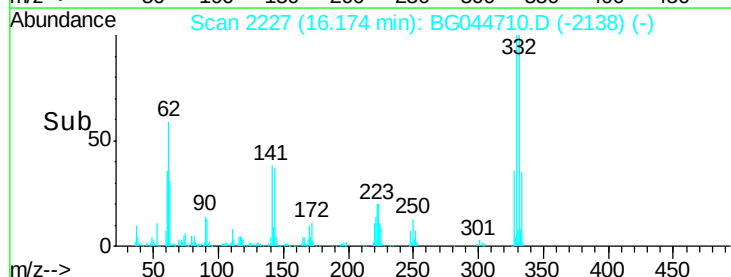
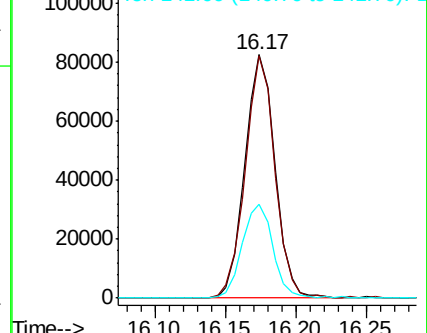
141 39.0 31.7 47.5

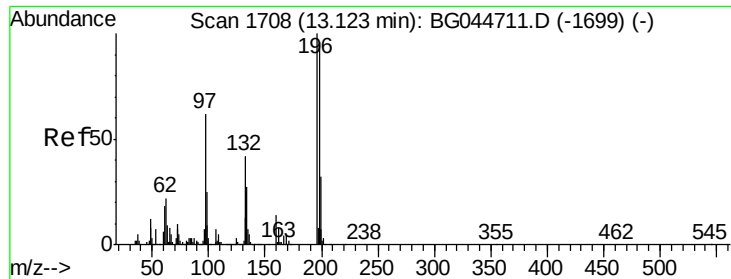


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

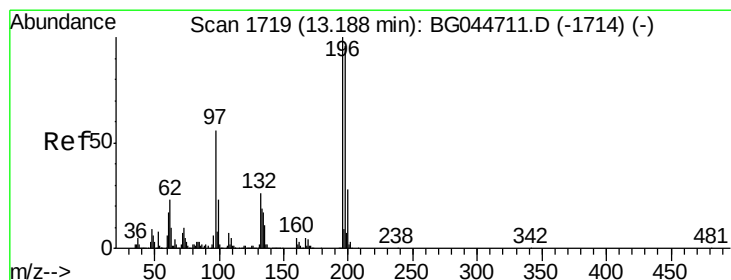
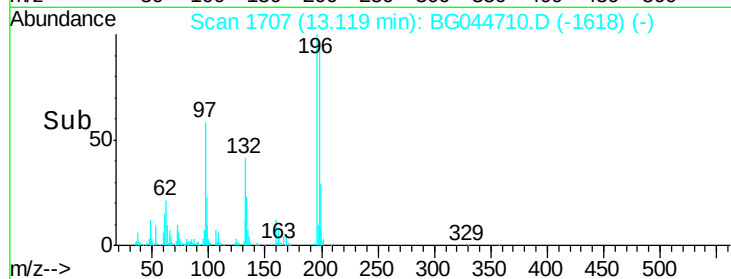
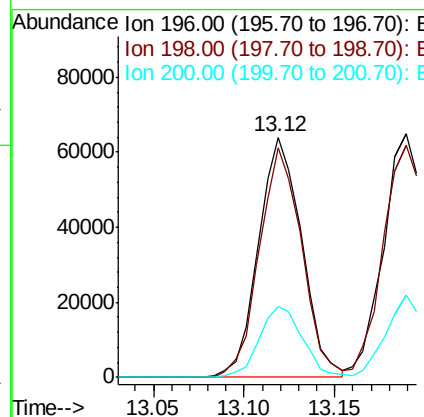
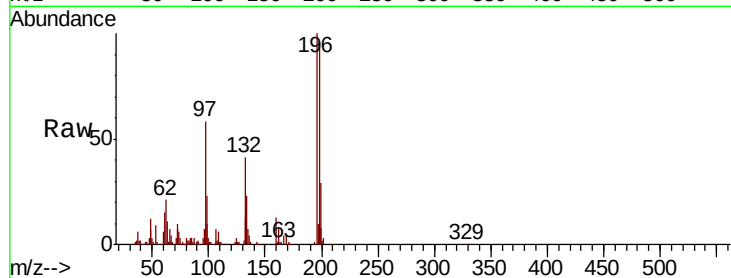




#43
 2,4,6-Trichlorophenol
 Concen: 18.728 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

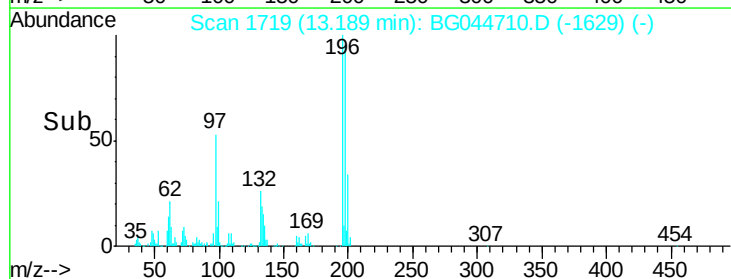
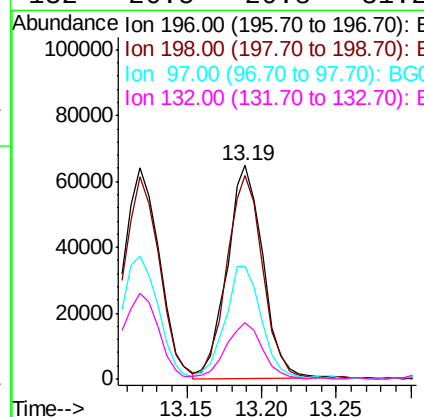
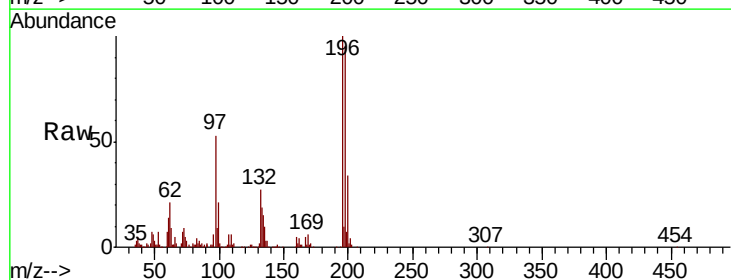
Instrument :
 BNA_G
 ClientSampleId :

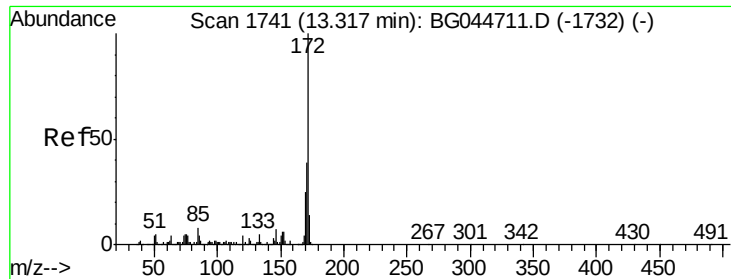
Tot Ion:196 Resp: 105650
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.5 114.7
 200 29.3 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 18.762 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

Tgt Ion:196 Resp: 108549
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.3 115.9
 97 53.0 44.9 67.3
 132 26.5 20.8 31.2

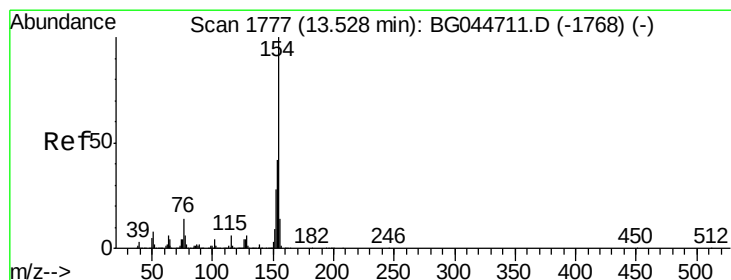
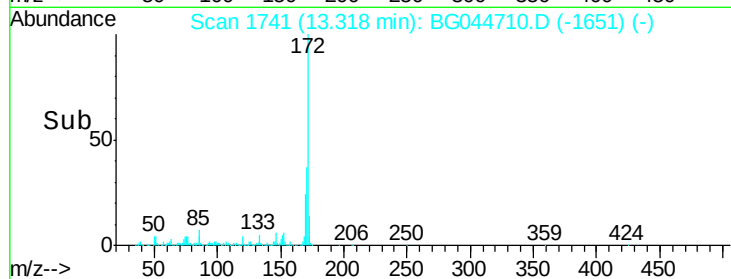
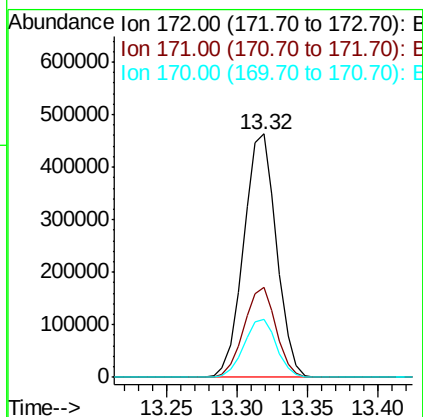
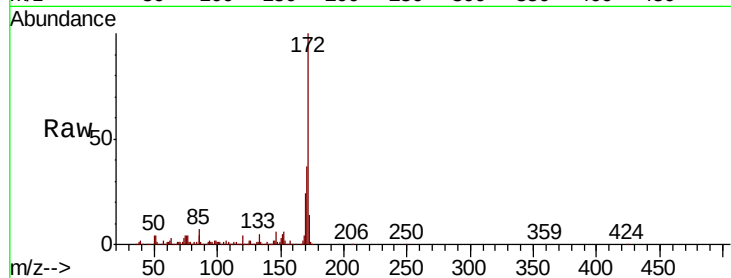




#45
2-Fluorobiphenyl
Concen: 41.687 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

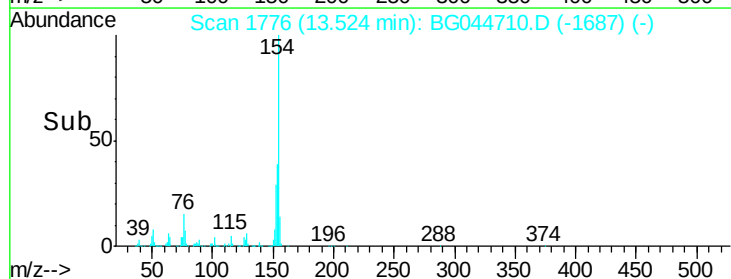
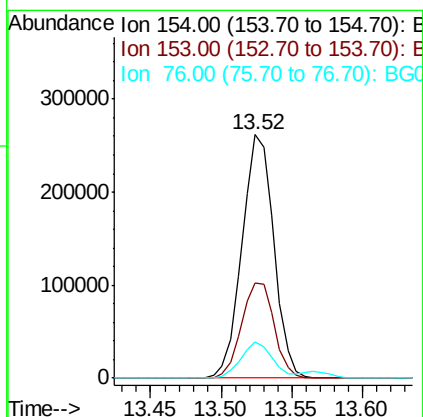
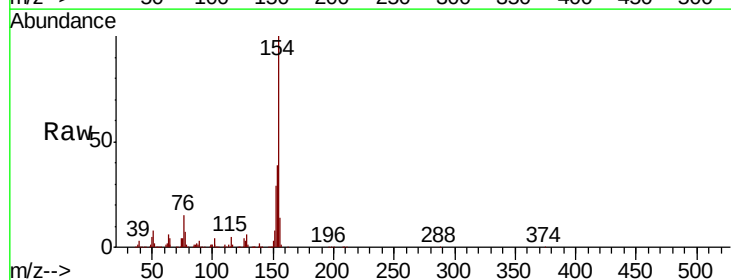
Instrument :
BNA_G
ClientSampleId :

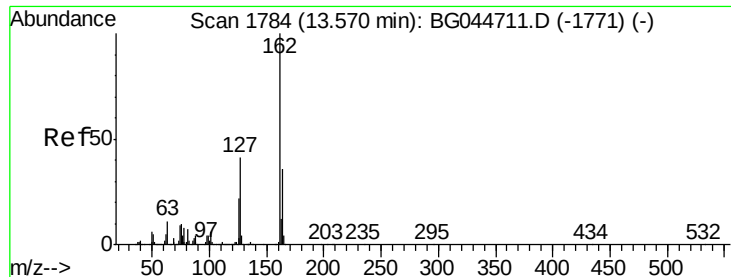
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	23.9	20.0	30.0



#46
1,1'-Biphenyl
Concen: 20.683 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	22.0	62.0
76	14.8	0.0	34.2

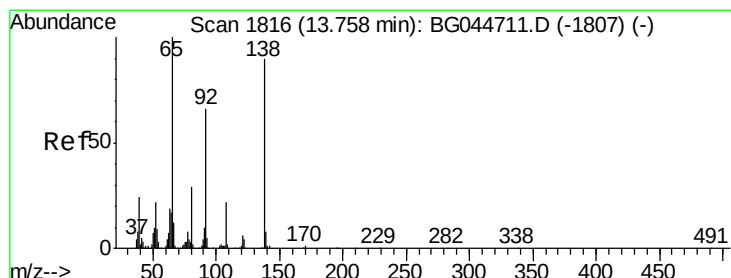
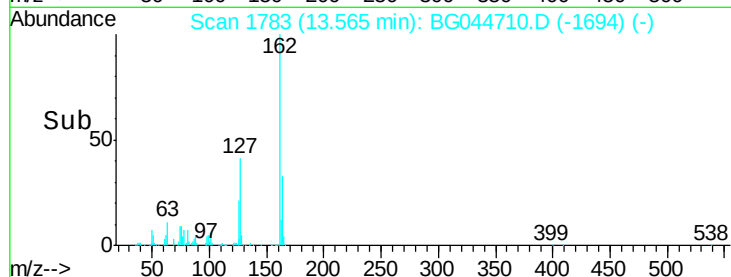
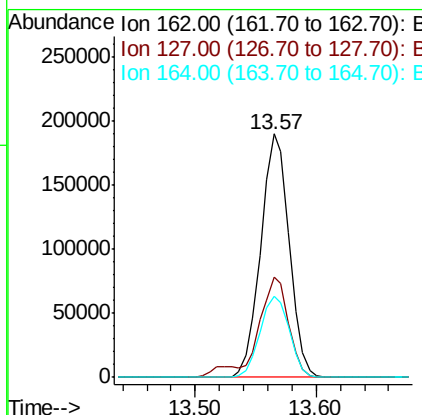
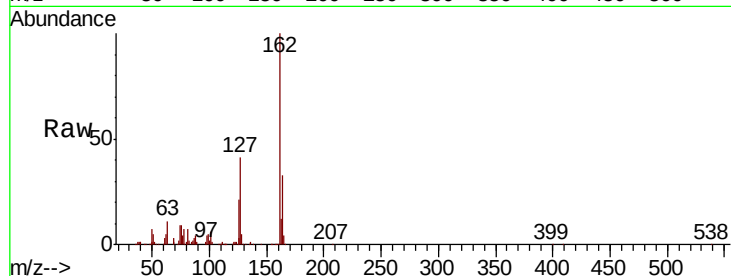




#47
 2-Chloronaphthalene
 Concen: 20.307 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

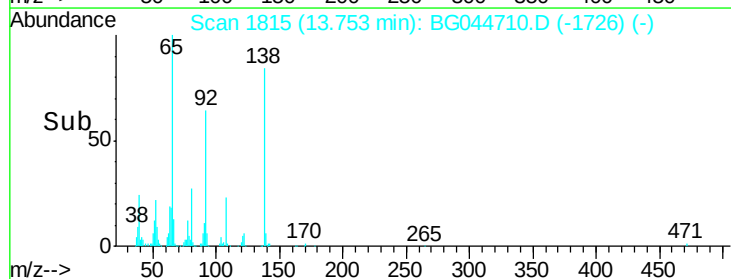
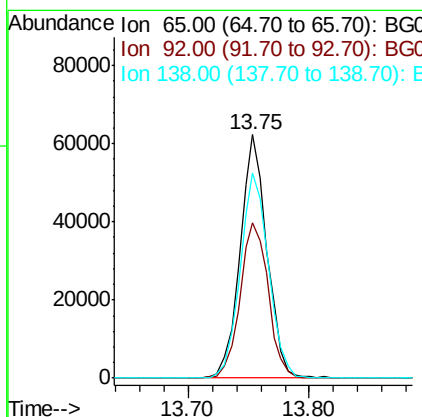
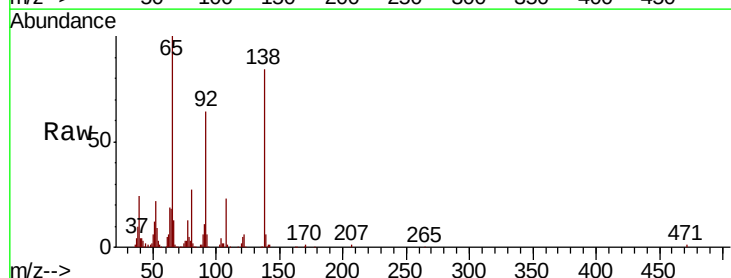
Instrument :
 BNA_G
 ClientSampleId :

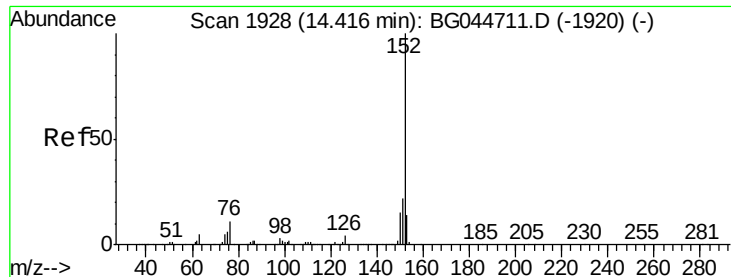
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.6	48.8
164	33.4	29.0	43.4



#48
 2-Nitroaniline
 Concen: 18.794 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	52.6	79.0
138	84.2	71.8	107.6





#49

Acenaphthylene

Concen: 20.398 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

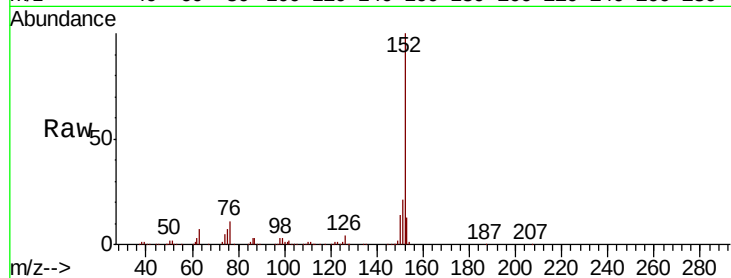
Tot Ion:152 Resp: 496993

Ion Ratio Lower Upper

152 100

151 20.6 17.8 26.8

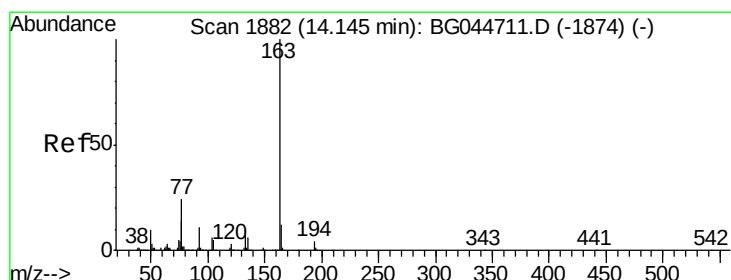
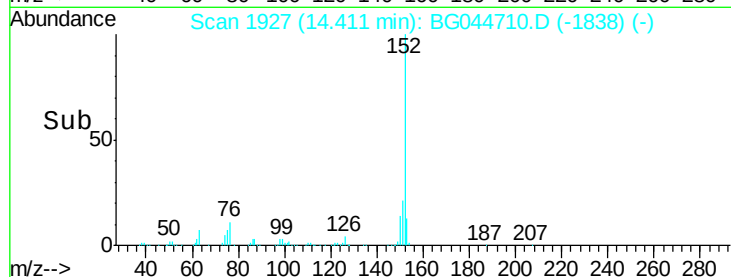
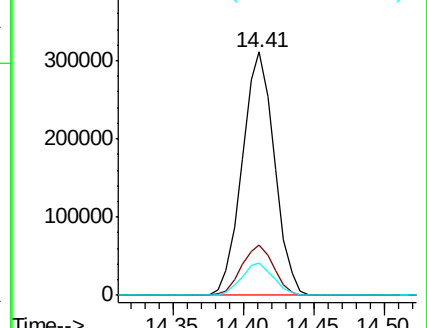
153 13.3 11.4 17.0



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: 19.960 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

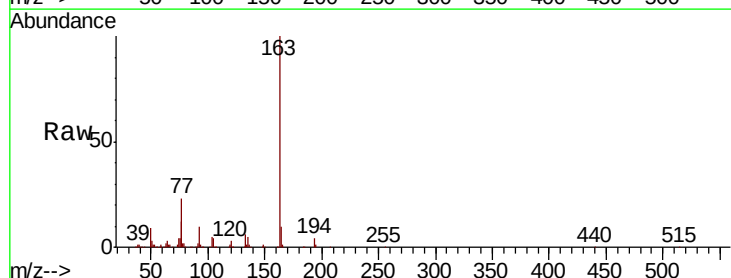
Tgt Ion:163 Resp: 415951

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

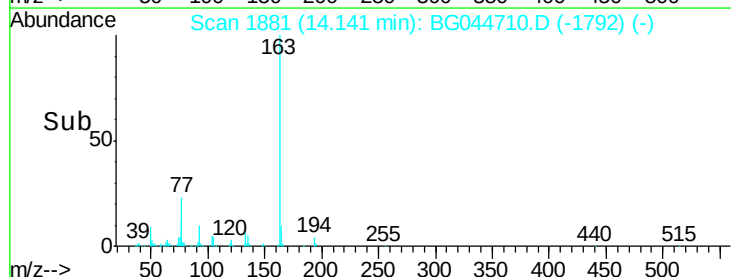
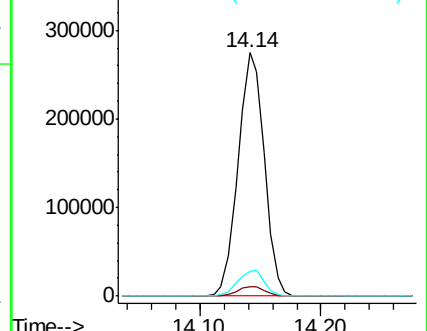
164 10.2 9.2 13.8

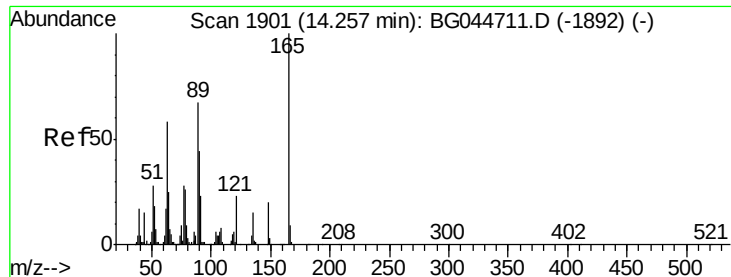


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

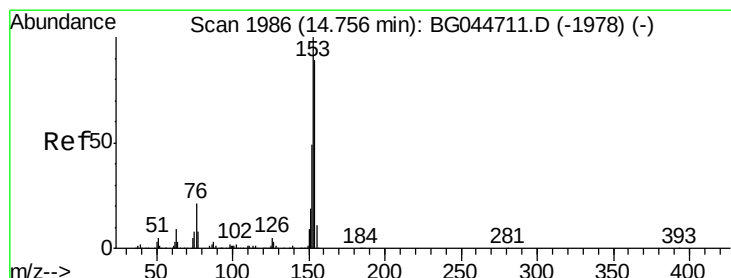
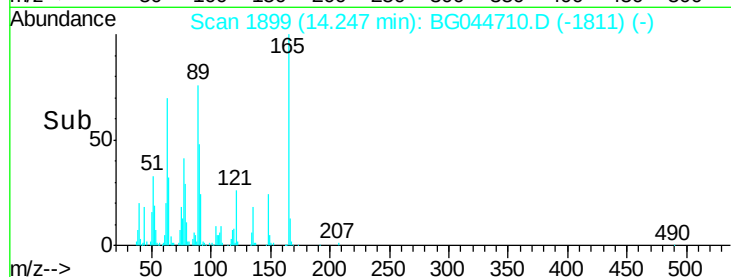
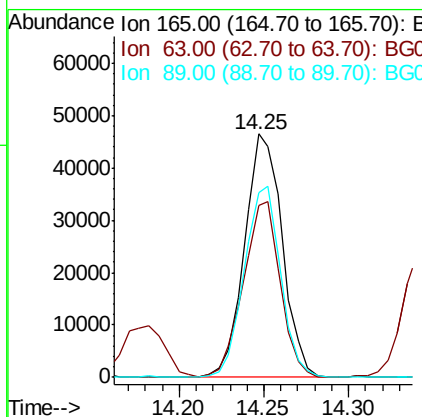
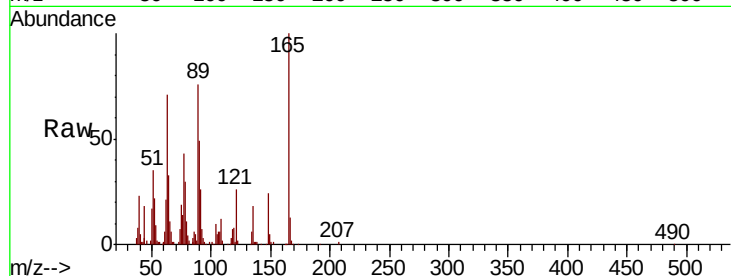




#51
2,6-Dinitrotoluene
Concen: 19.256 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

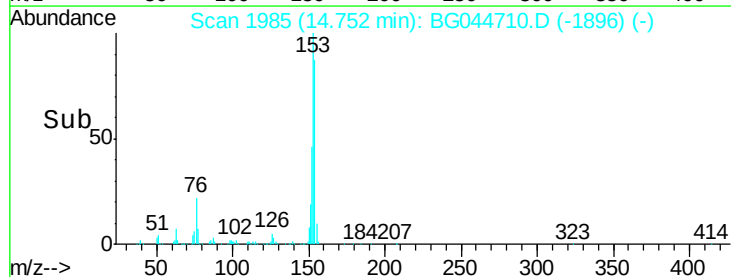
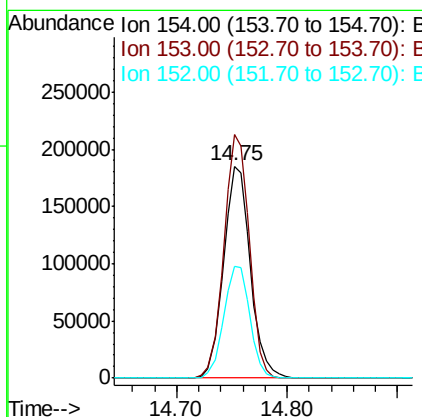
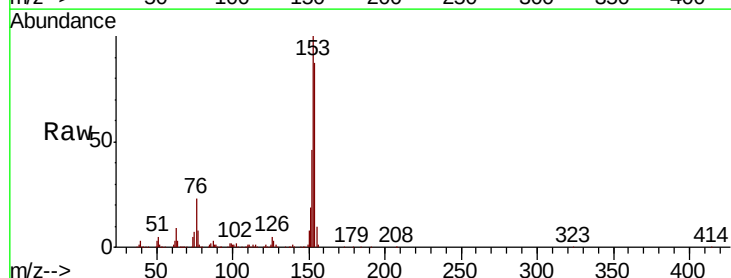
Instrument :
BNA_G
ClientSampleId :

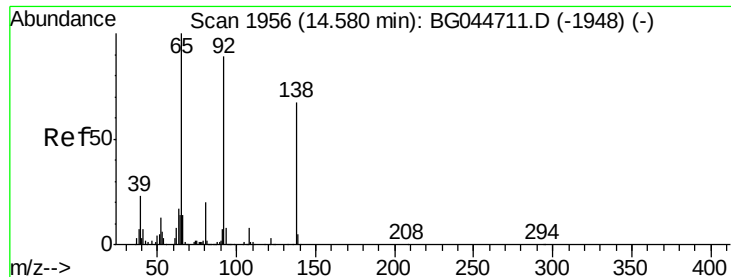
Tot Ion:165 Resp: 72105
Ion Ratio Lower Upper
165 100
63 70.8 48.9 73.3
89 76.0 53.8 80.8



#52
Acenaphthene
Concen: 19.922 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion:154 Resp: 313855
Ion Ratio Lower Upper
154 100
153 115.0 89.8 134.8
152 53.0 44.4 66.6

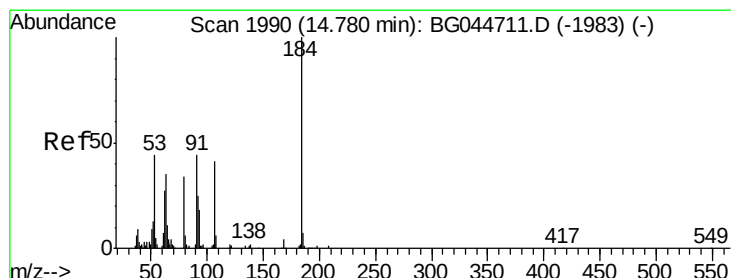
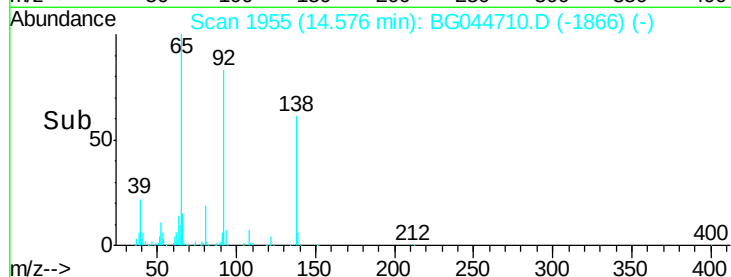
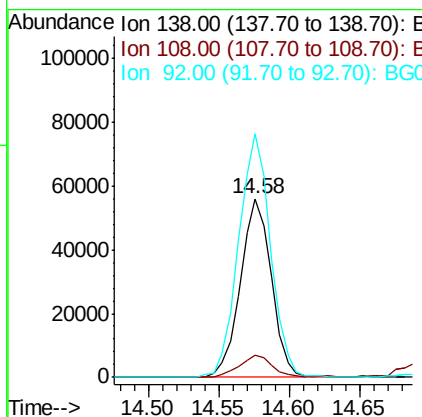
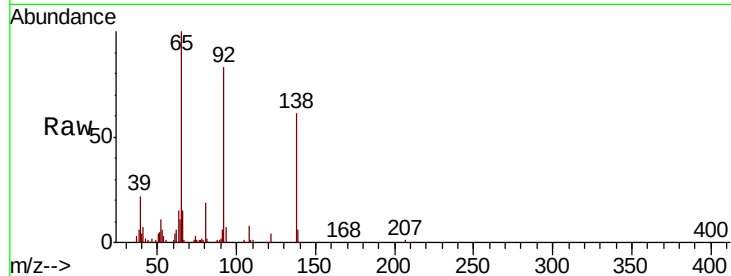




#53
 3-Nitroaniline
 Concen: 19.918 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

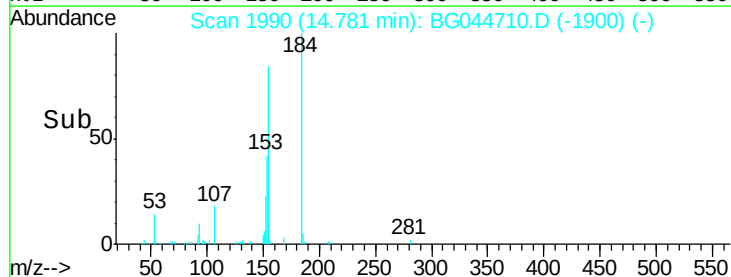
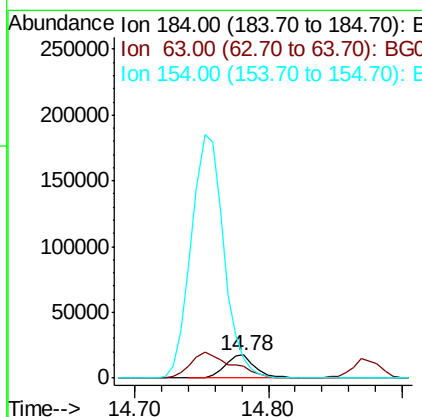
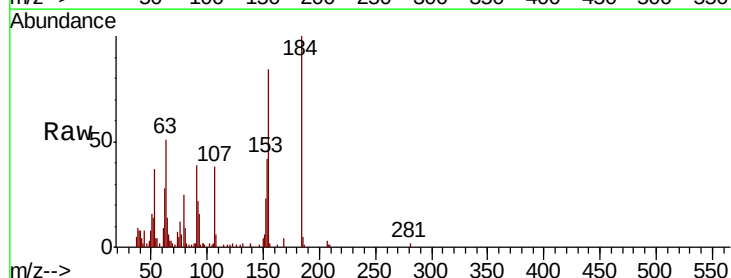
Instrument :
 BNA_G
 ClientSampleId :

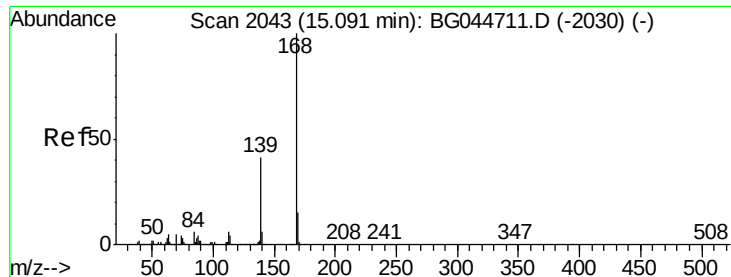
Tot Ion:138 Resp: 85955
 Ion Ratio Lower Upper
 138 100
 108 12.3 9.2 13.8
 92 136.4 105.6 158.4



#54
 2,4-Dinitrophenol
 Concen: 16.105 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

Tgt Ion:184 Resp: 28001
 Ion Ratio Lower Upper
 184 100
 63 51.4 49.0 73.6
 154 83.8 94.5 141.7#

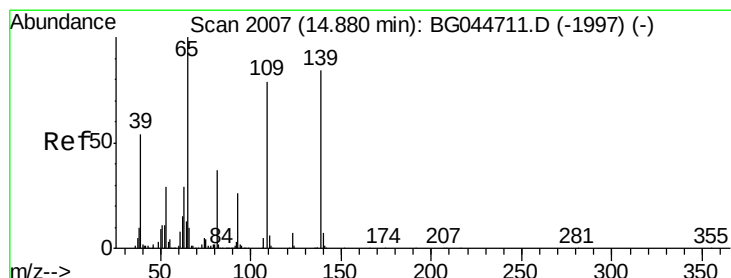
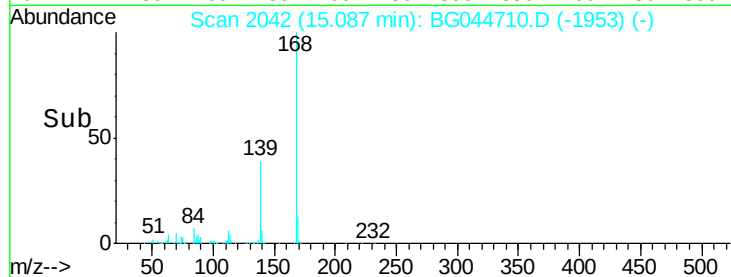
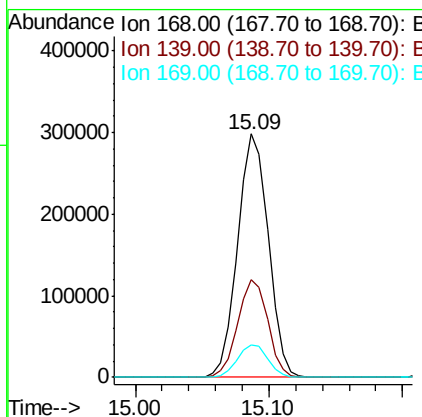
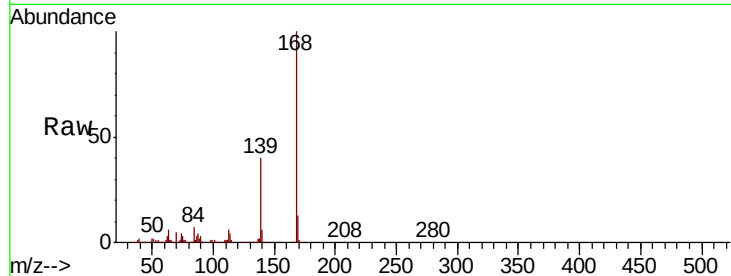




#55
Dibenzofuran
Concen: 20.067 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

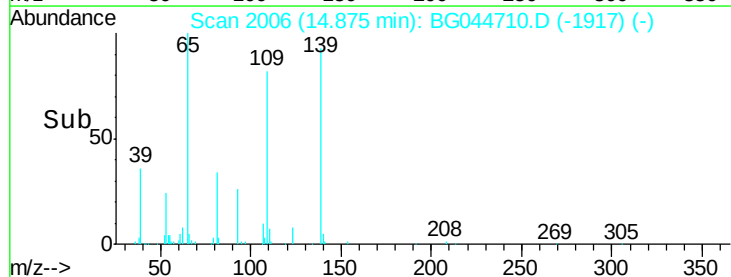
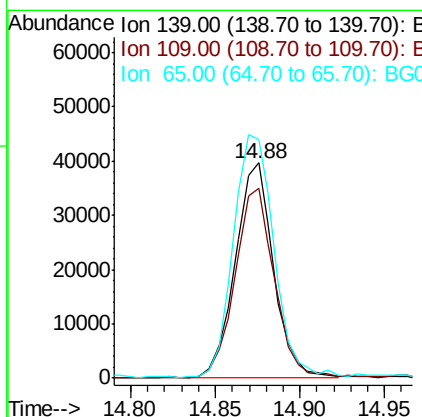
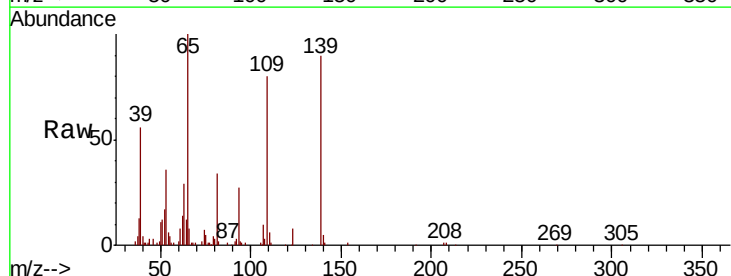
Instrument :
BNA_G
ClientSampleId :

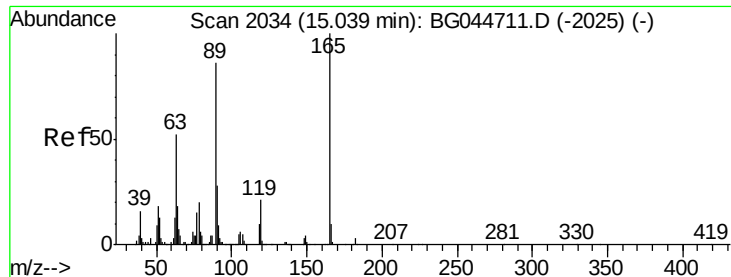
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.6	49.0
169	13.1	11.8	17.6



#56
4-Nitrophenol
Concen: 18.665 ng
RT: 14.88 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.2	74.1	114.1
65	110.8	98.6	138.6





#57

2,4-Dinitrotoluene

Concen: 19.592 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 98030

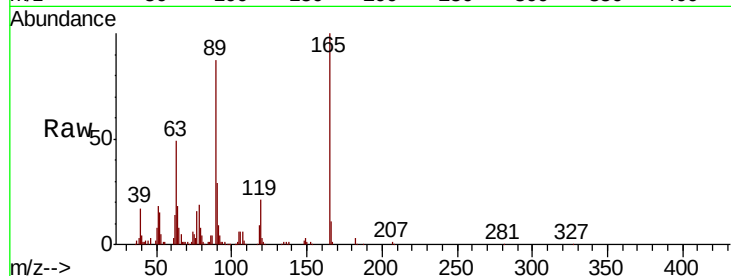
Ion Ratio Lower Upper

165 100

63 48.5 41.5 62.3

89 86.6 69.0 103.4

182 2.8 2.7 4.1

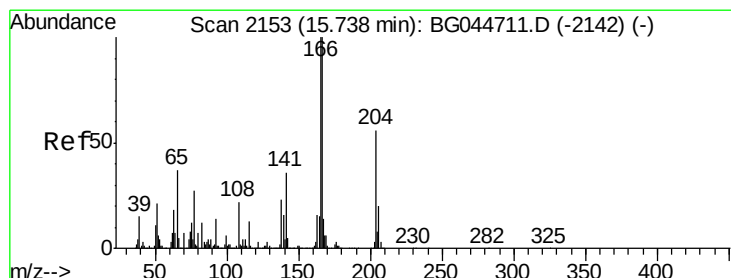
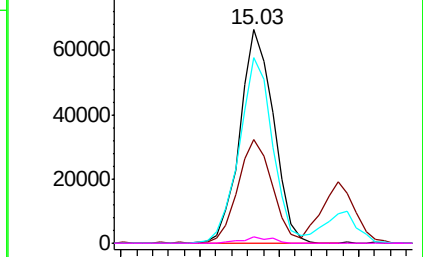
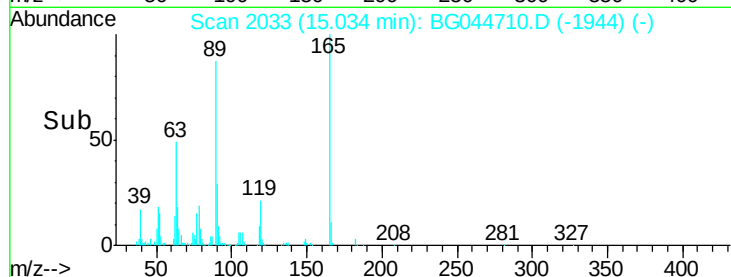


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 19.906 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

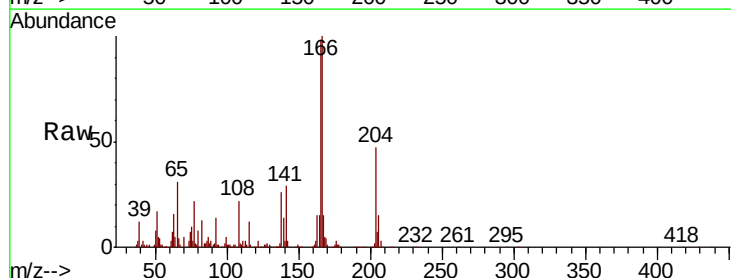
Tgt Ion:166 Resp: 388671

Ion Ratio Lower Upper

166 100

165 98.3 79.6 119.4

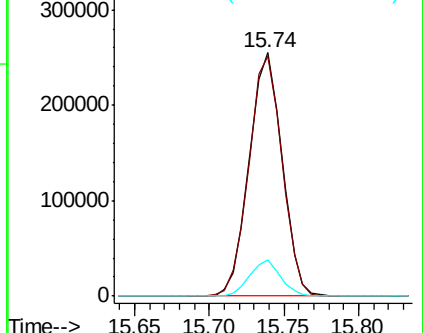
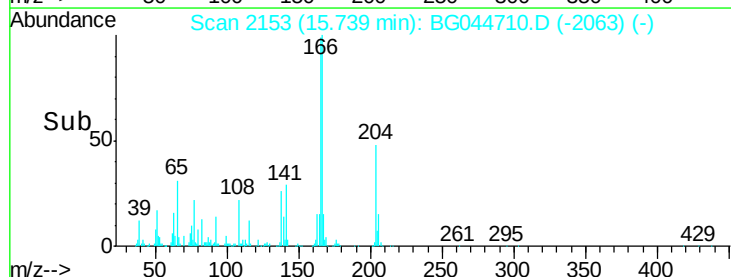
167 15.0 11.4 17.2

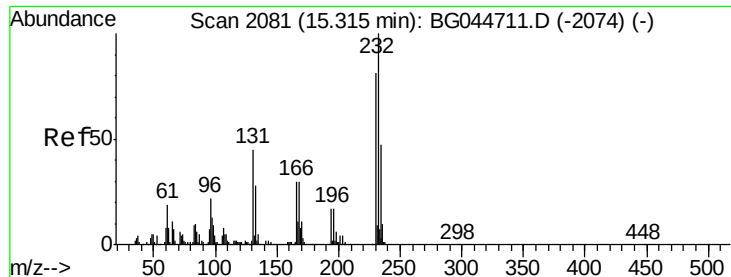


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 17.831 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 98182

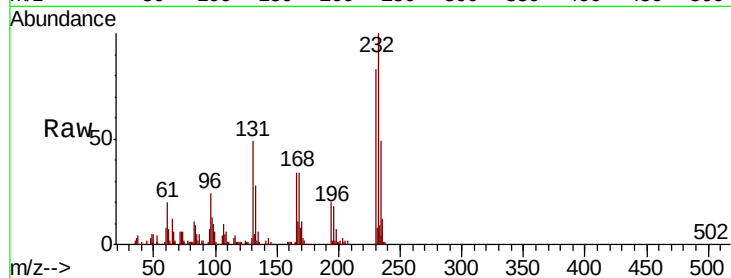
Ion Ratio Lower Upper

232 100

131 43.4 32.4 48.6

130 2.9 2.0 3.0

166 32.3 20.5 30.7#

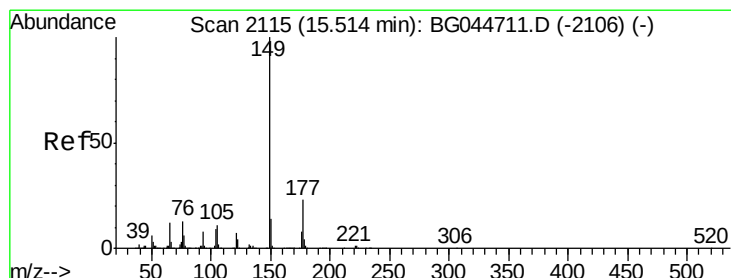
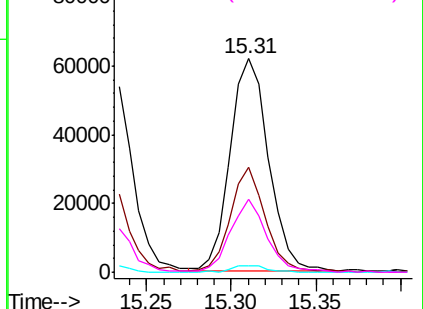
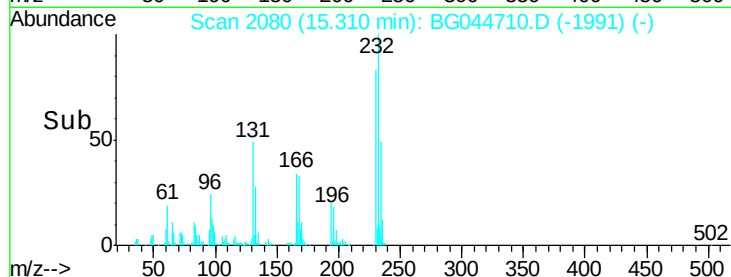


Abundance Ion 232.00 (231.70 to 232.70): E

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: 19.151 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

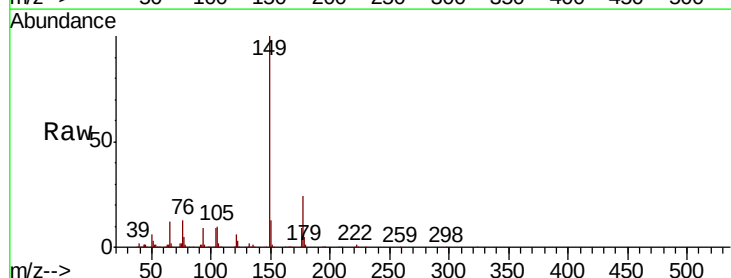
Tgt Ion:149 Resp: 426678

Ion Ratio Lower Upper

149 100

177 24.4 18.8 28.2

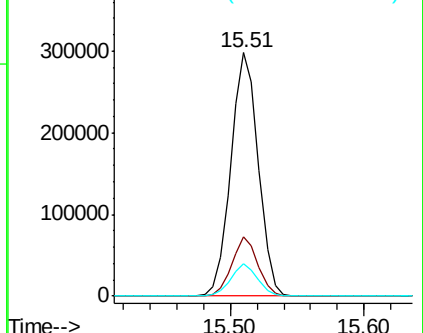
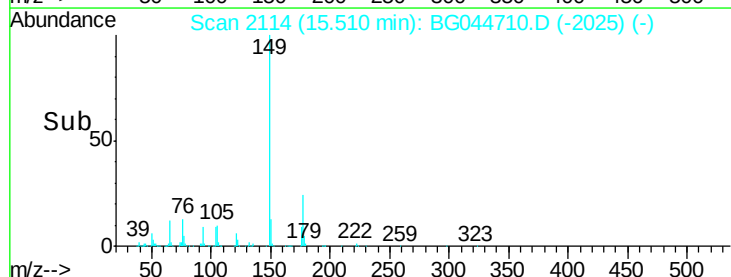
150 13.4 11.2 16.8

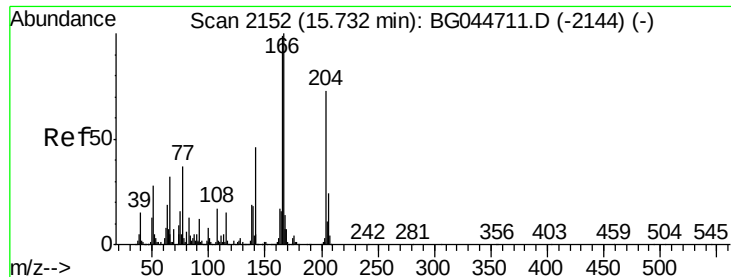


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

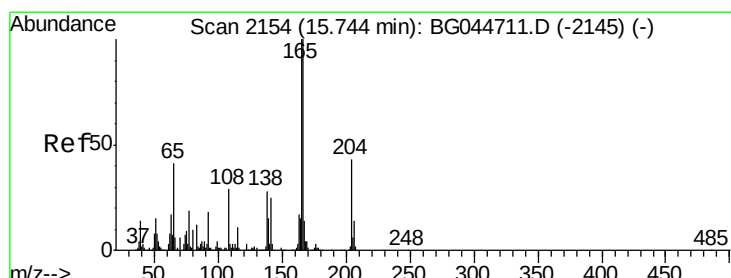
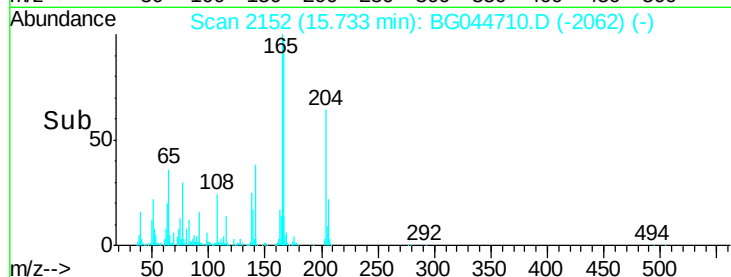
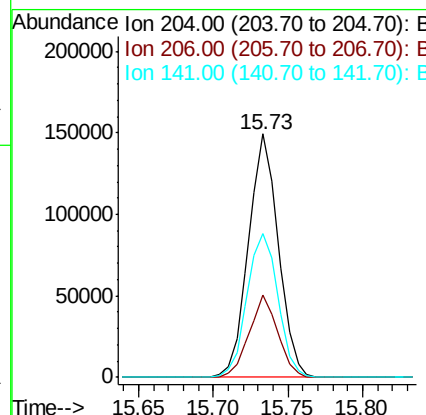
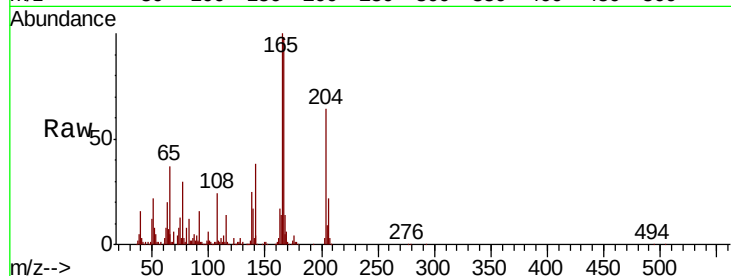




#61
 4-Chlorophenyl-phenylether
 Concen: 19.408 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

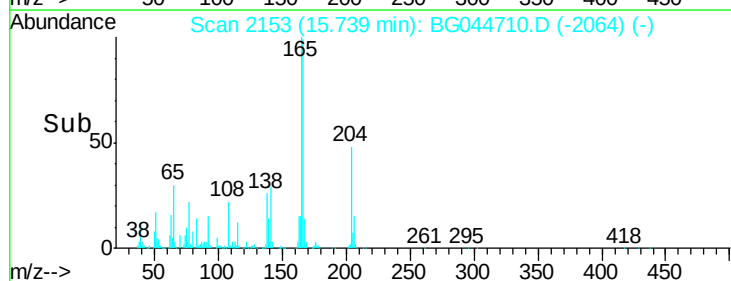
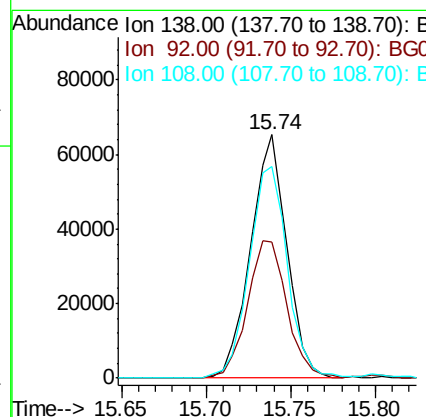
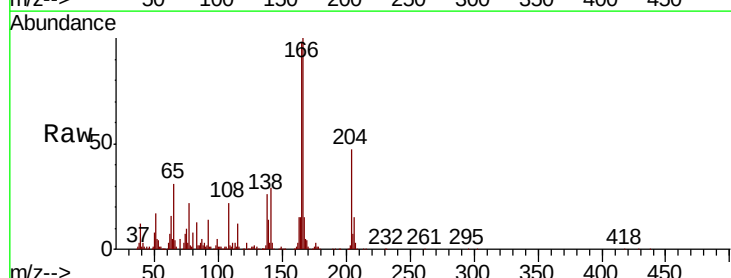
Instrument :
 BNA_G
 ClientSampled :

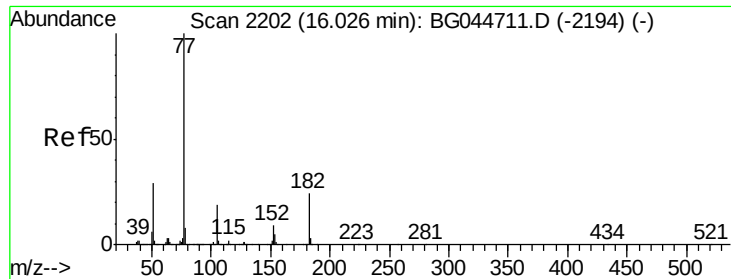
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.8	38.6
141	58.9	50.8	76.2



#62
 4-Nitroaniline
 Concen: 20.497 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG044710.D
 Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.8	42.1	82.1
108	87.0	81.2	121.2





#63

Azobenzene

Concen: 19.134 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 446128

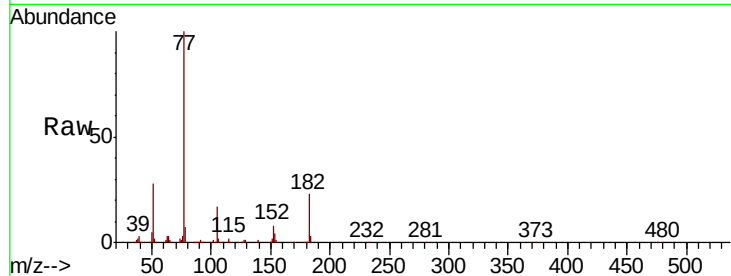
Ion Ratio Lower Upper

77 100

182 23.4 3.6 43.6

105 17.5 0.0 39.3

51 28.5 8.7 48.7

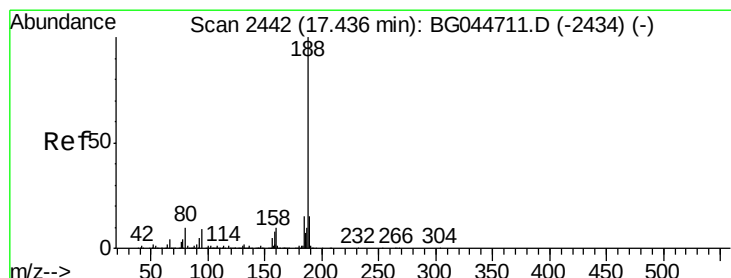
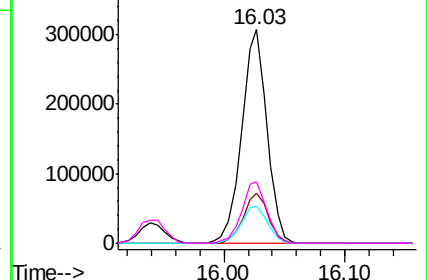
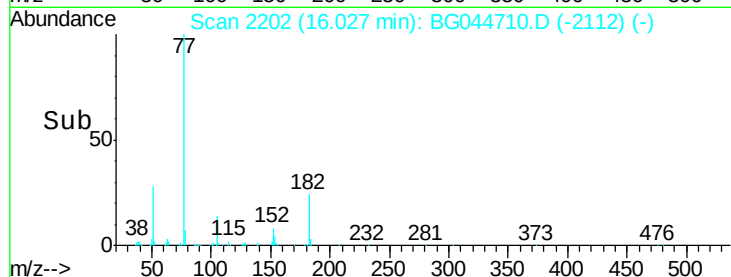


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

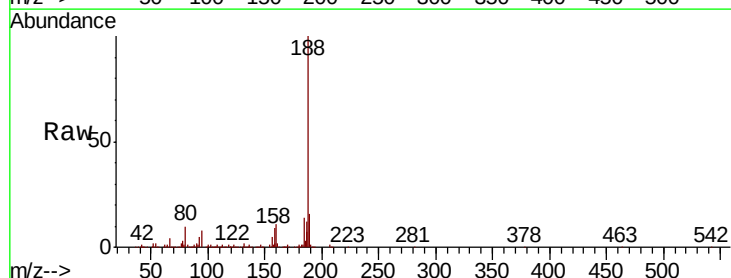
Tgt Ion: 188 Resp: 551440

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

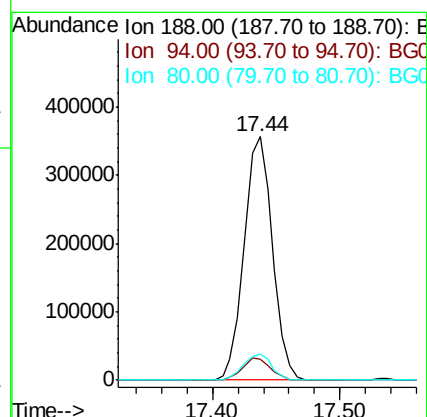
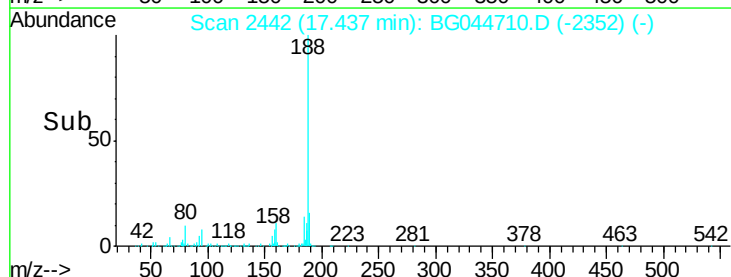
80 10.5 8.4 12.6

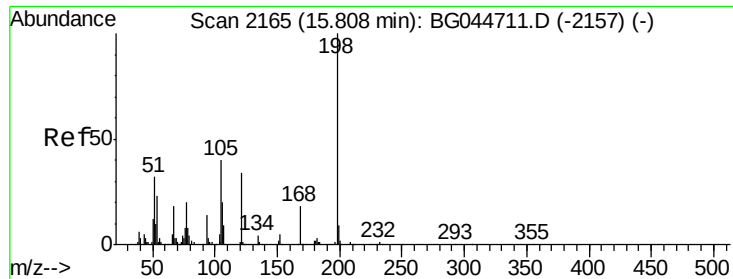


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 16.442 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampled :

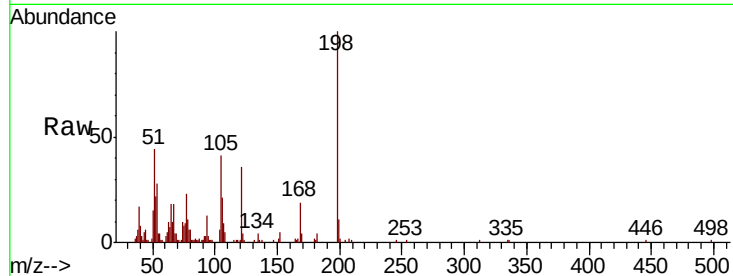
Tot Ion:198 Resp: 37040

Ion Ratio Lower Upper

198 100

51 43.9 20.1 60.1

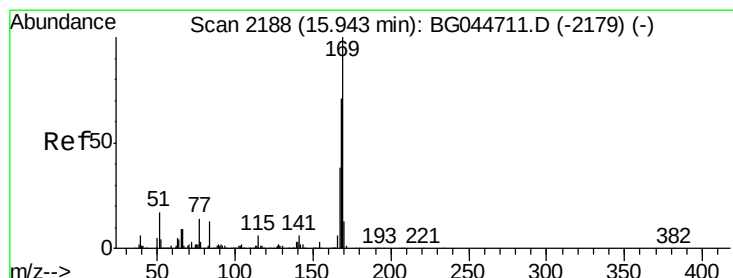
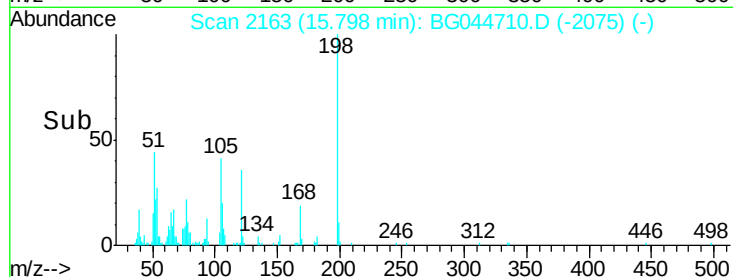
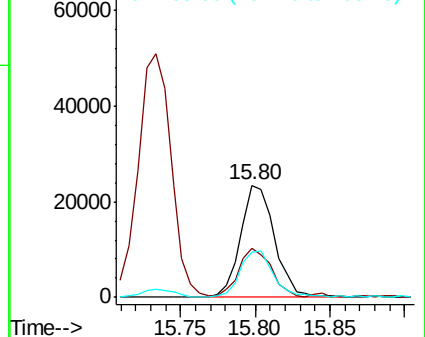
105 40.7 21.3 61.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 20.155 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

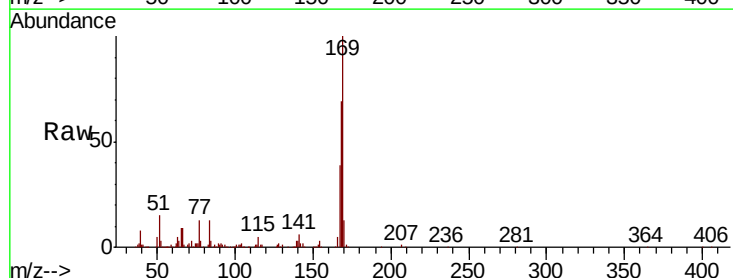
Tgt Ion:169 Resp: 339811

Ion Ratio Lower Upper

169 100

168 69.4 56.6 85.0

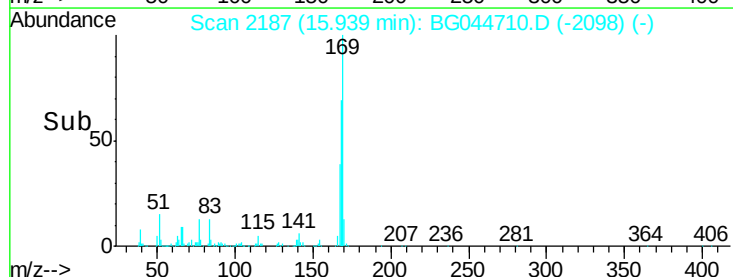
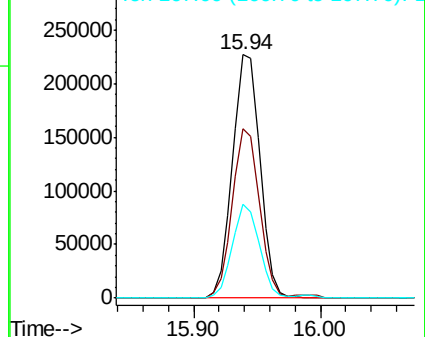
167 38.8 30.1 45.1

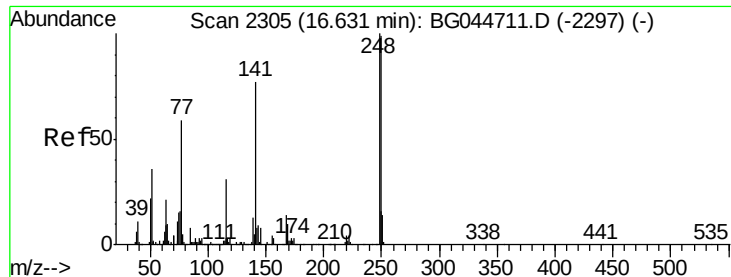


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

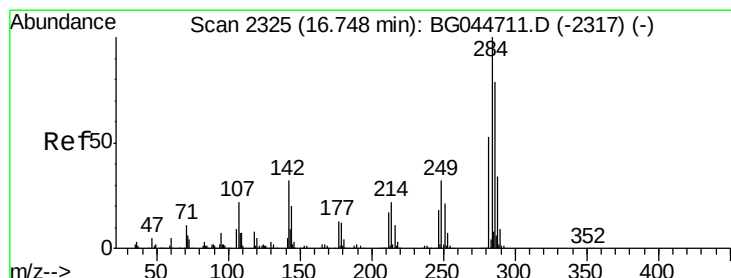
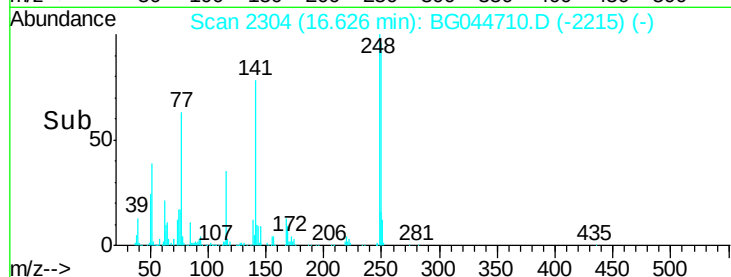
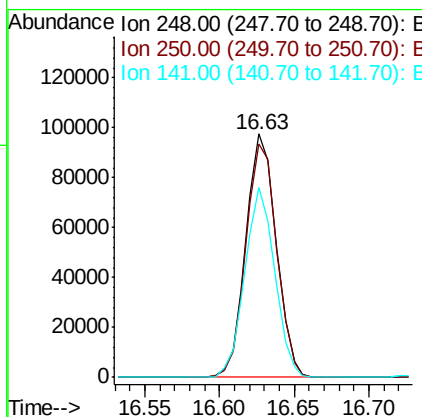
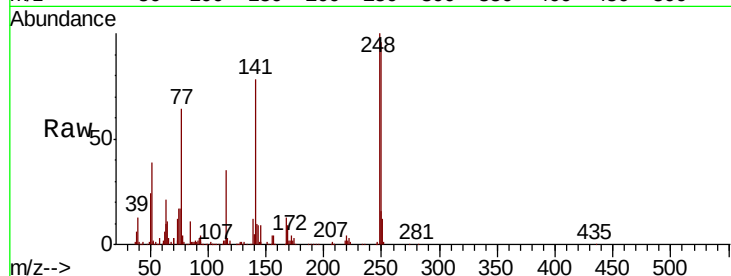




#67
4-Bromophenyl-phenylether
Concen: 19.737 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

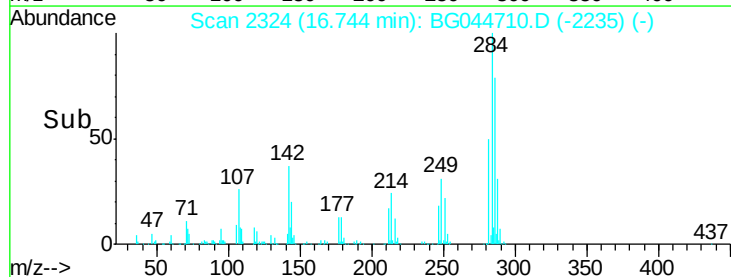
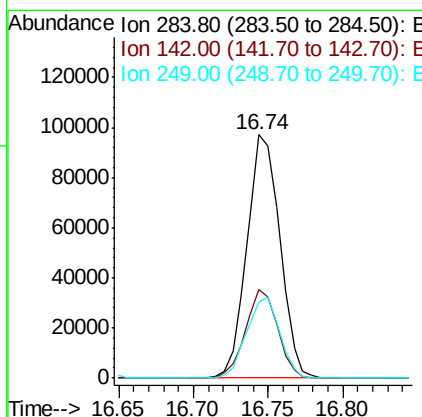
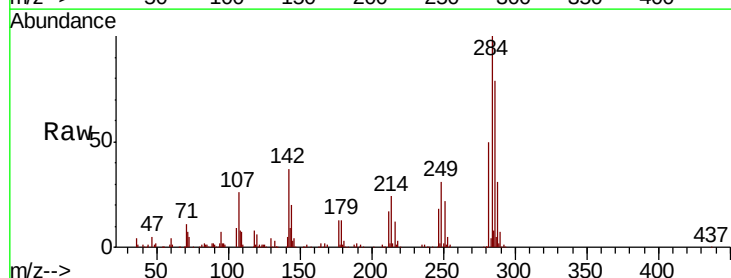
Instrument :
BNA_G
ClientSampleId :

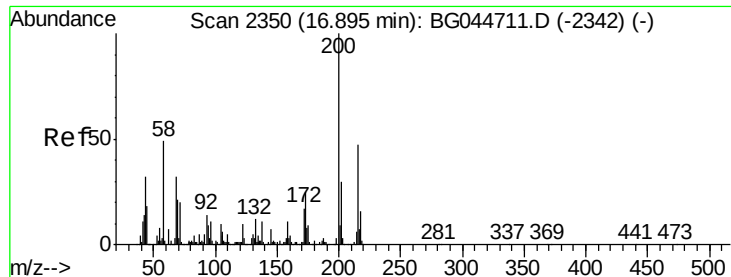
Tot Ion:248 Resp: 137263
Ion Ratio Lower Upper
248 100
250 95.9 79.4 119.0
141 78.2 61.7 92.5



#68
Hexachlorobenzene
Concen: 19.662 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion:284 Resp: 147655
Ion Ratio Lower Upper
284 100
142 36.6 25.6 38.4
249 31.1 25.8 38.6





#69

Atrazine

Concen: 19.692 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

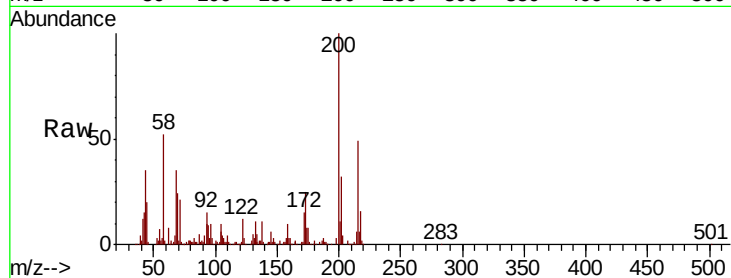
Tot Ion:200 Resp: 128307

Ion Ratio Lower Upper

200 100

173 25.3 4.8 44.8

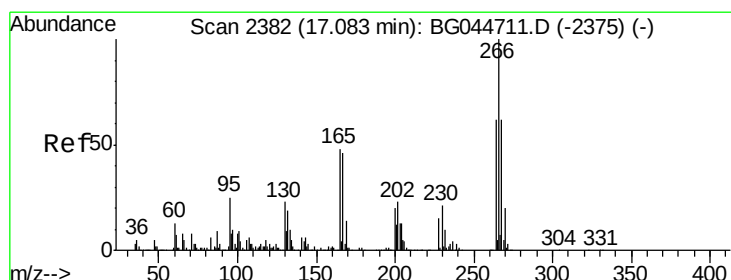
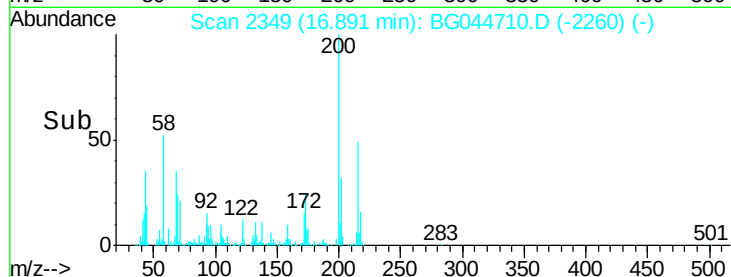
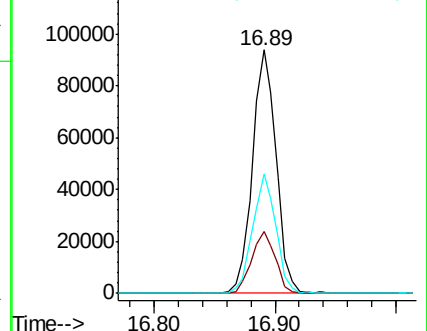
215 48.8 27.4 67.4



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: 17.484 ng

RT: 17.08 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

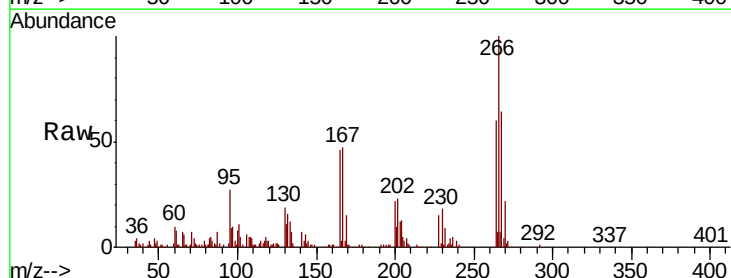
Tgt Ion:266 Resp: 74503

Ion Ratio Lower Upper

266 100

268 64.0 49.9 74.9

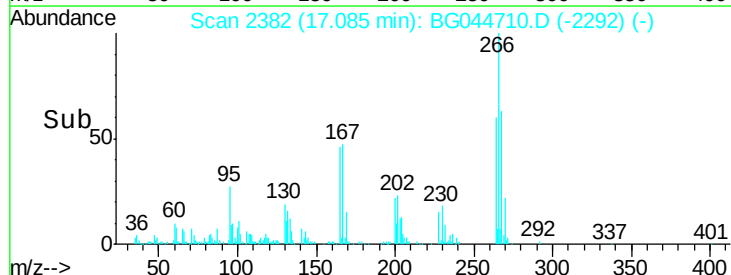
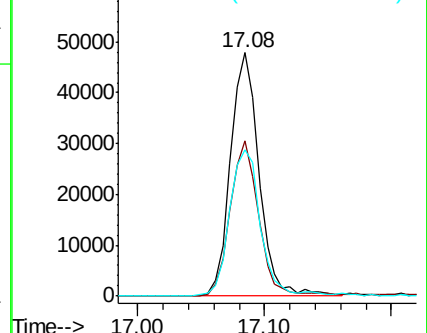
264 60.0 49.9 74.9

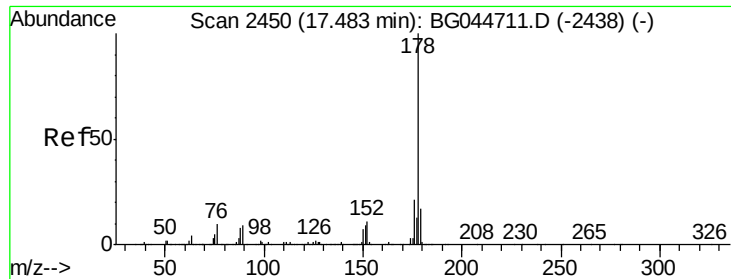


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

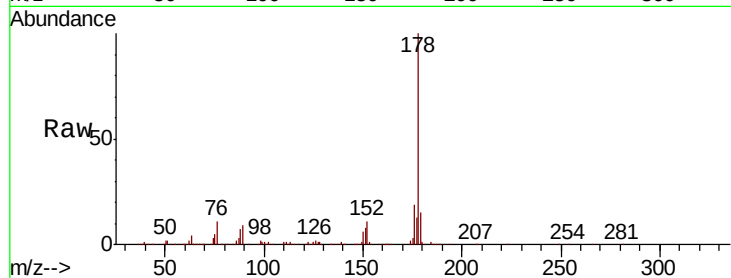




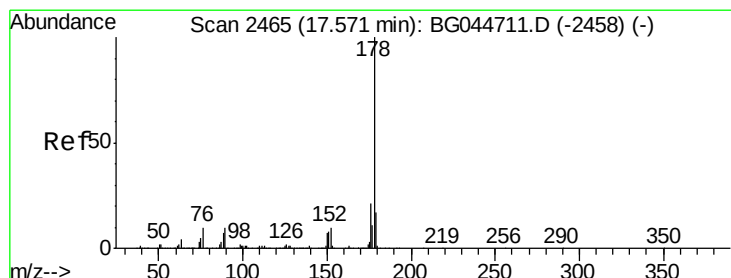
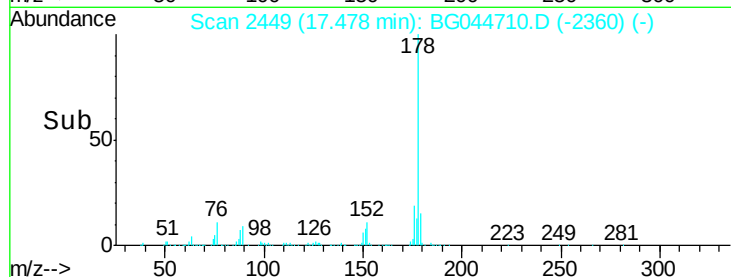
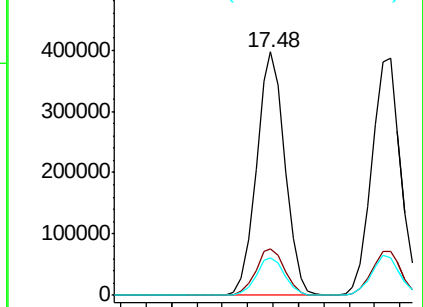
#71
Phenanthrene
Concen: 20.424 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.0	25.6
179	15.4	13.7	20.5

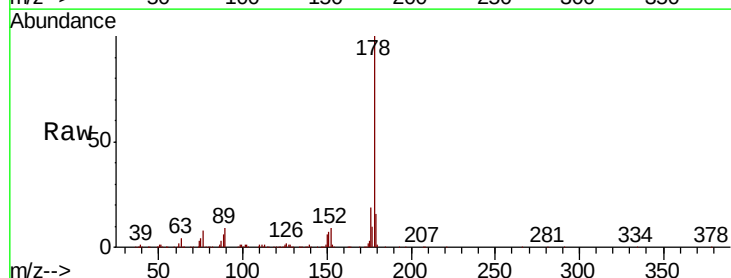


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

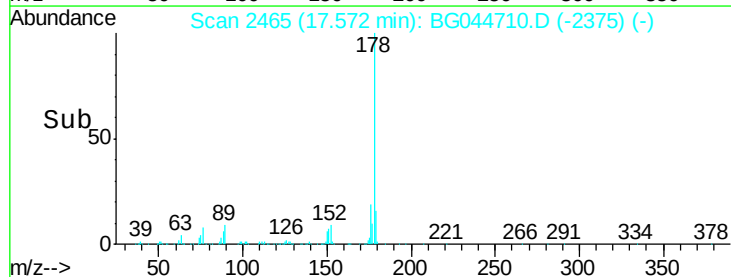
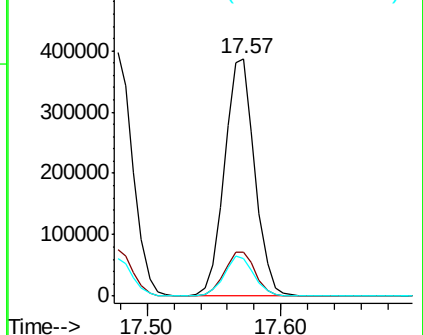


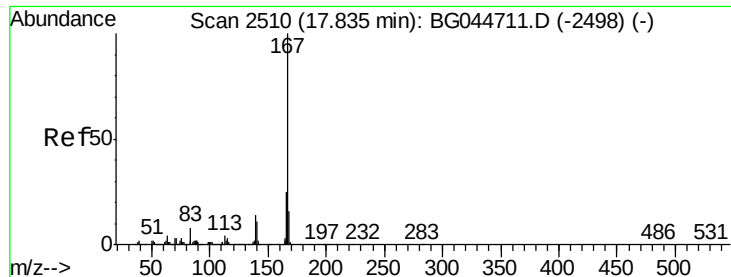
#72
Anthracene
Concen: 20.522 ng
RT: 17.57 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.0	25.6
179	15.9	13.8	20.8



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





#73

Carbazole

Concen: 20.430 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

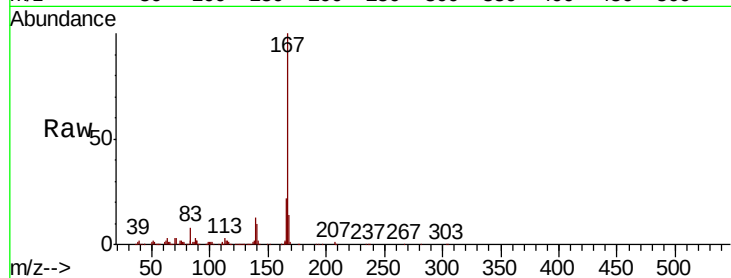
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 582696

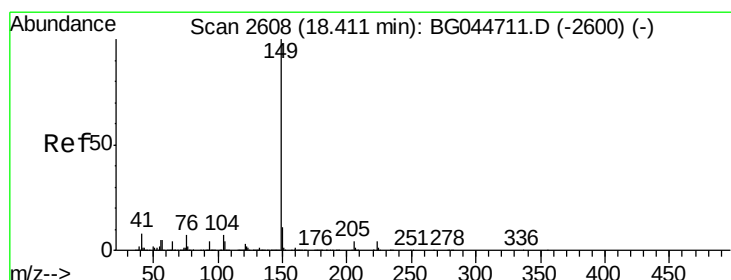
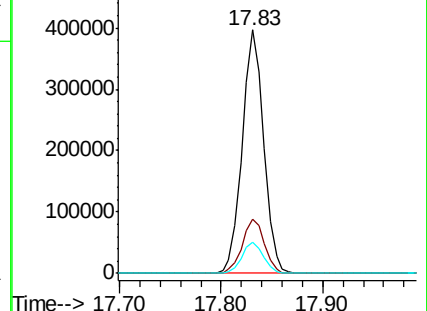
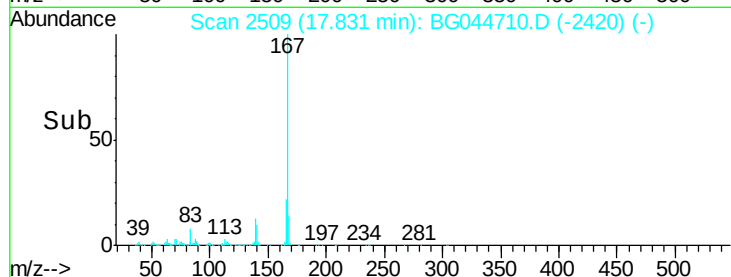
Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.6	29.4
139	12.8	11.4	17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 19.961 ng

RT: 18.41 min Scan# 2608

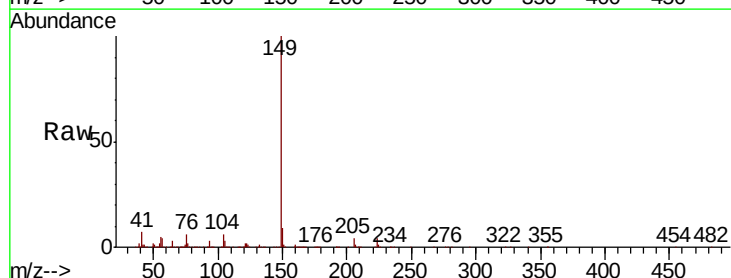
Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Tgt Ion:149 Resp: 717031

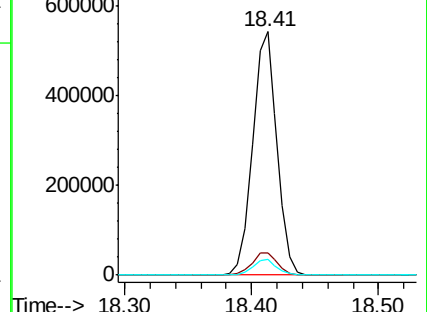
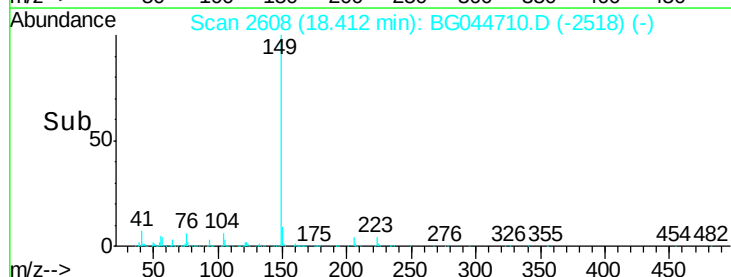
Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.4	12.6
104	6.3	5.6	8.4

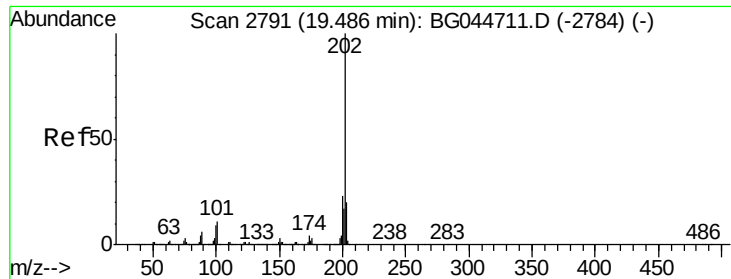


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 20.611 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

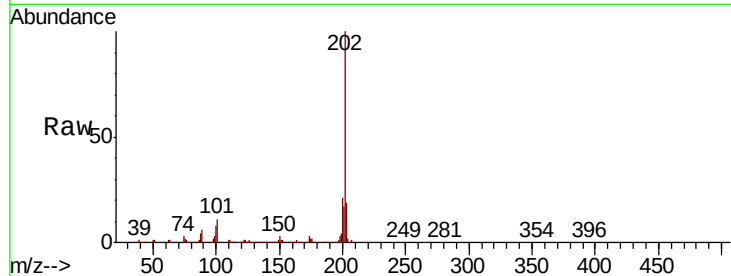
Tot Ion:202 Resp: 753192

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

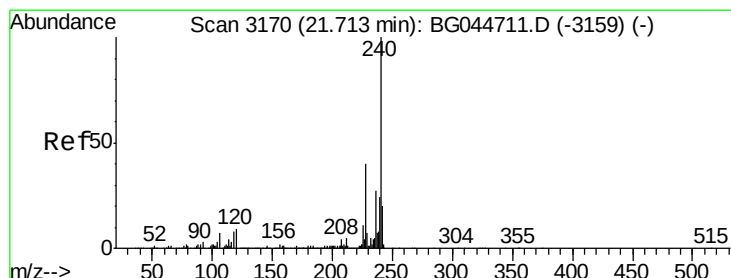
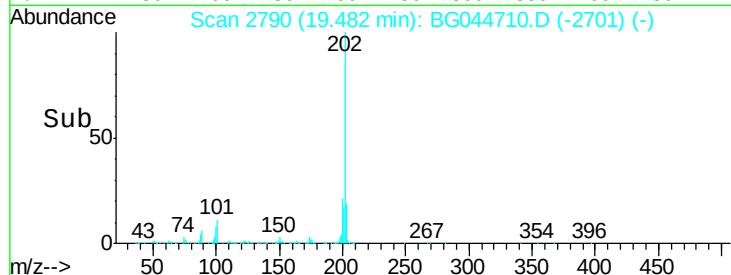
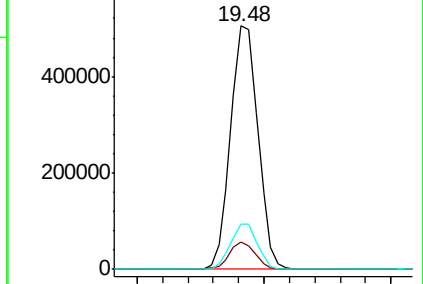
203 18.8 0.4 40.4



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: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

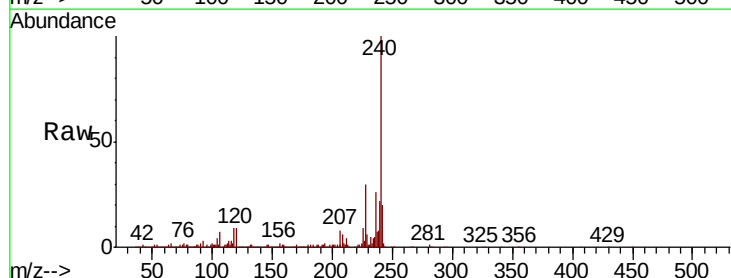
Tgt Ion:240 Resp: 485759

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

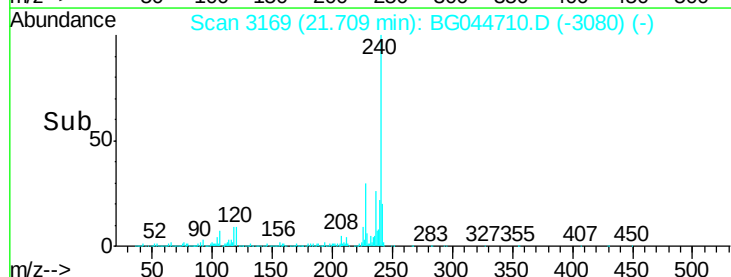
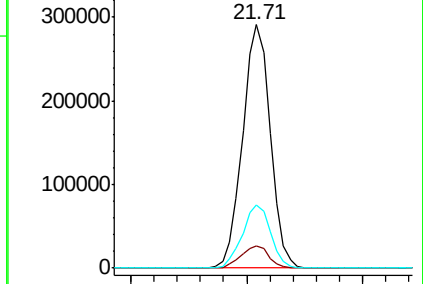
236 25.9 21.9 32.9

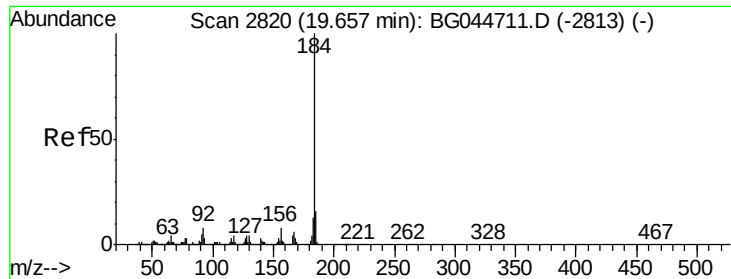


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.312 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

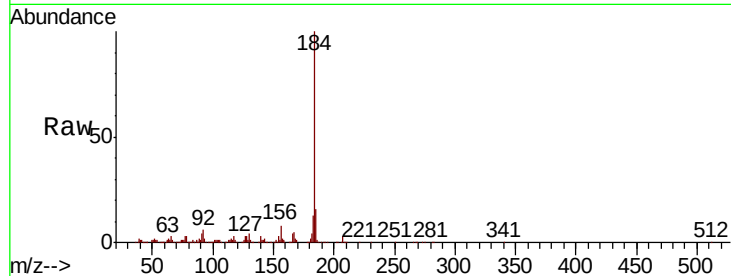
Tot Ion:184 Resp: 335704

Ion Ratio Lower Upper

184 100

185 15.8 12.9 19.3

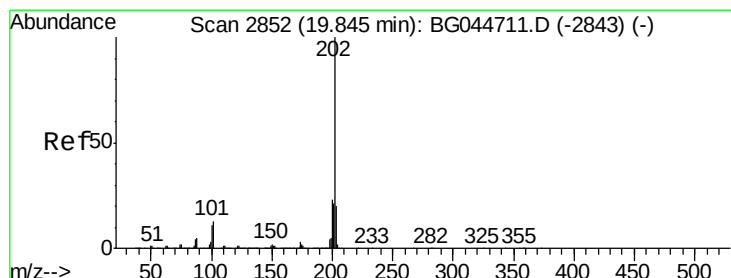
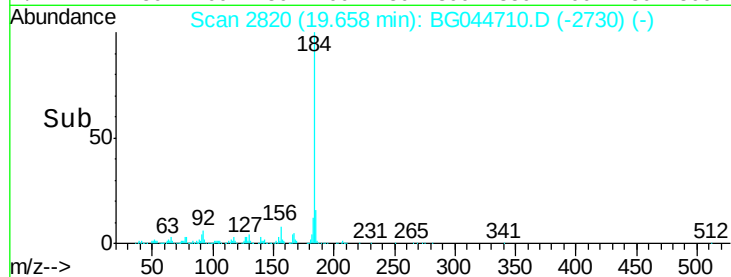
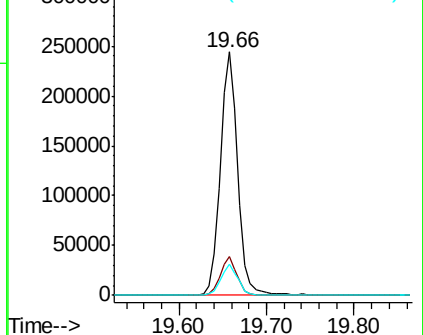
183 12.6 10.6 15.8



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: 20.282 ng

RT: 19.85 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

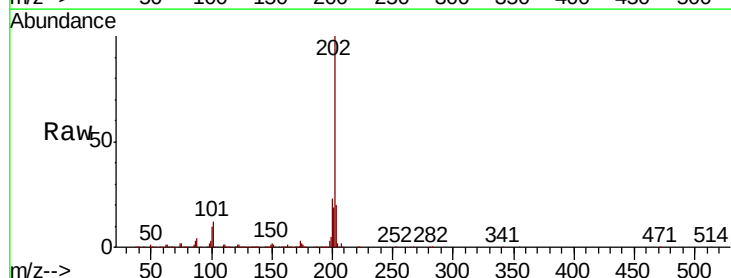
Tgt Ion:202 Resp: 751464

Ion Ratio Lower Upper

202 100

200 22.7 18.7 28.1

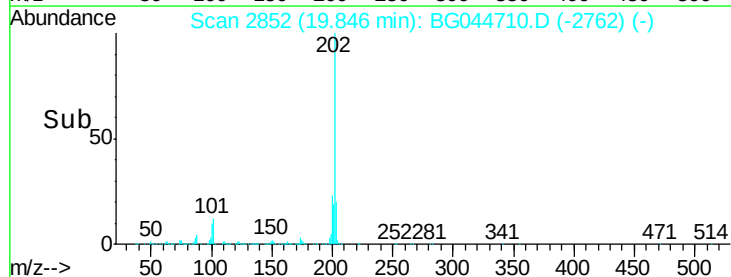
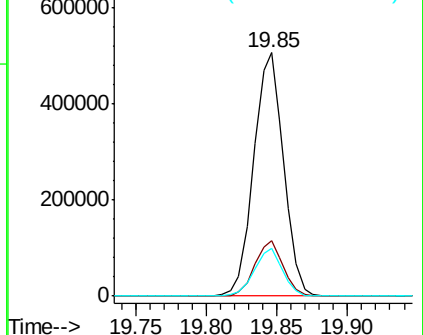
203 19.6 16.0 24.0

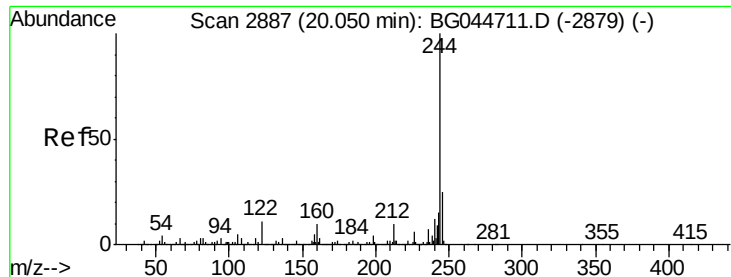


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 41.527 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampled :

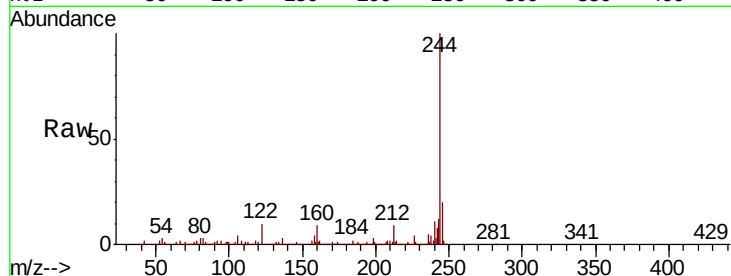
Tot Ion:244 Resp: 1130079

Ion Ratio Lower Upper

244 100

212 8.8 8.4 12.6

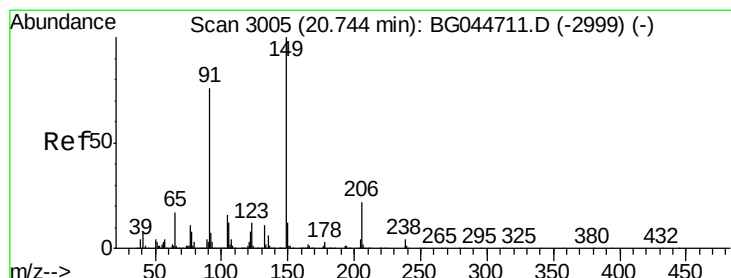
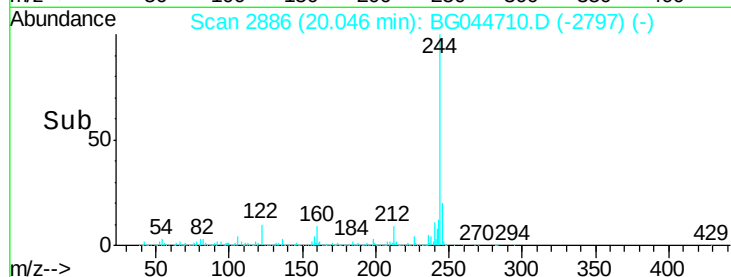
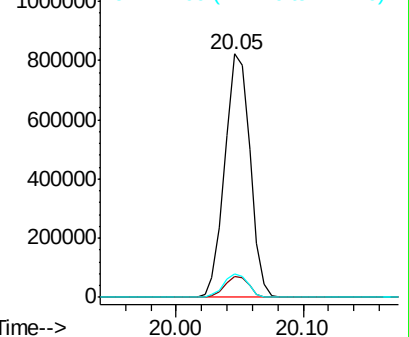
122 9.8 8.7 13.1



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: 17.882 ng

RT: 20.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

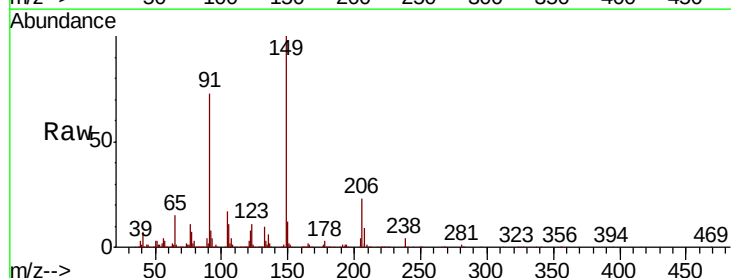
Tgt Ion:149 Resp: 295728

Ion Ratio Lower Upper

149 100

91 73.2 61.1 91.7

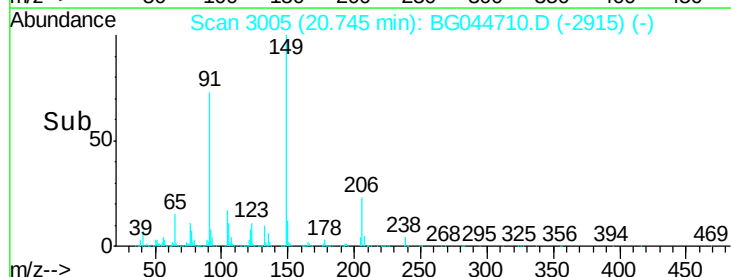
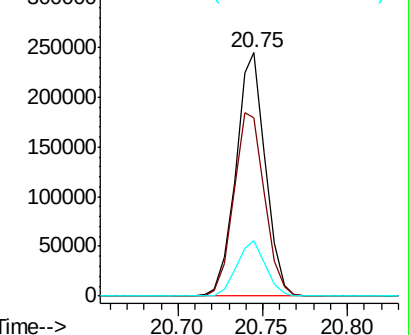
206 22.6 17.4 26.2

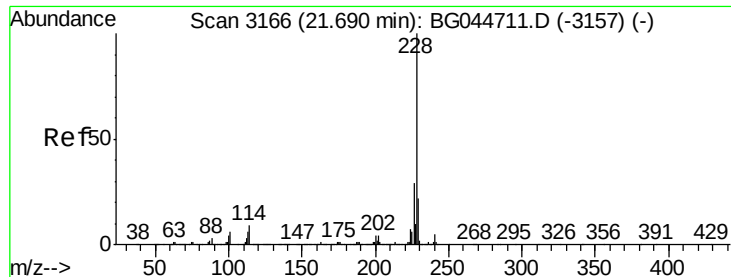


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

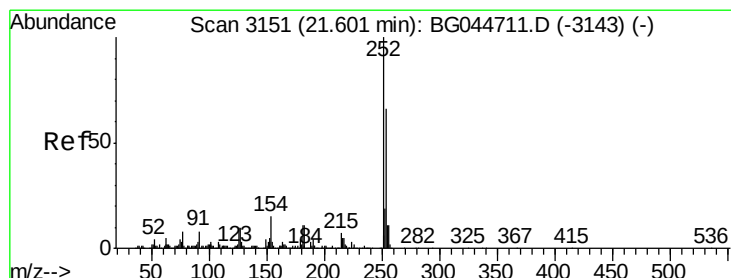
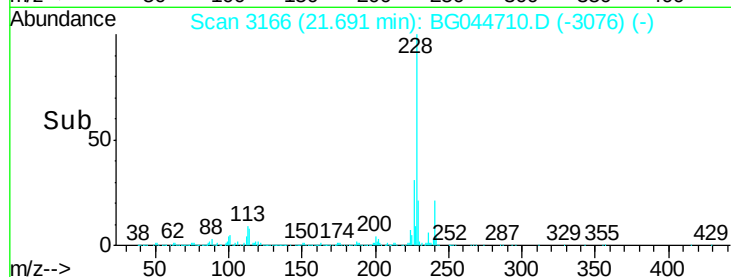
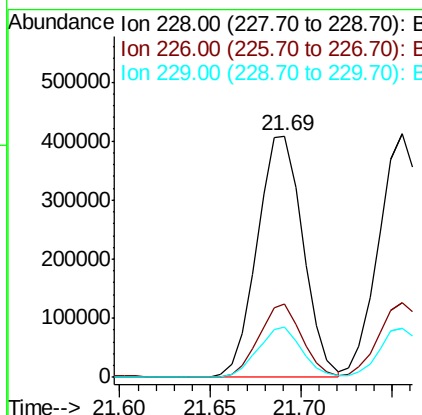
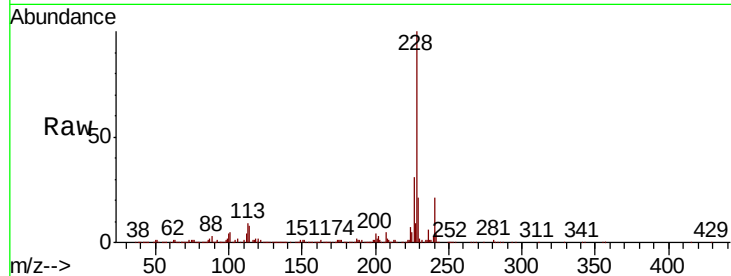




#81
Benzo(a)anthracene
Concen: 19.719 ng
RT: 21.69 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

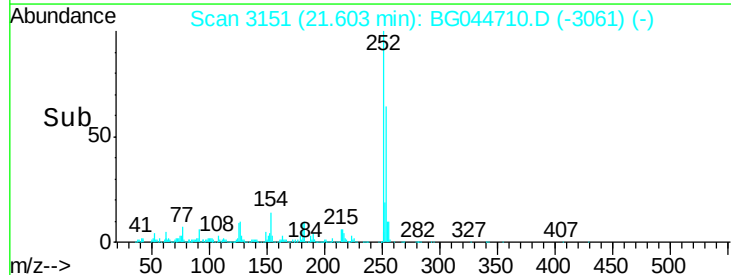
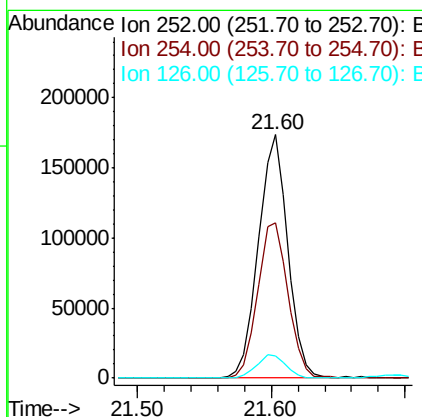
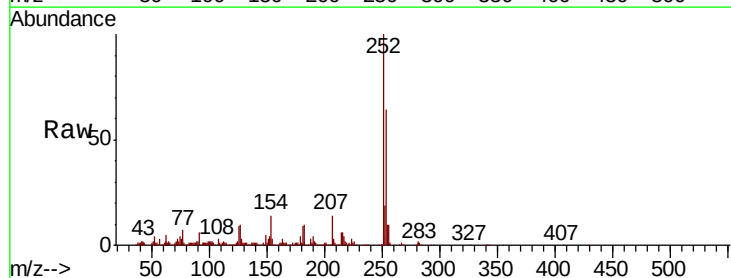
Instrument :
BNA_G
ClientSampleId :

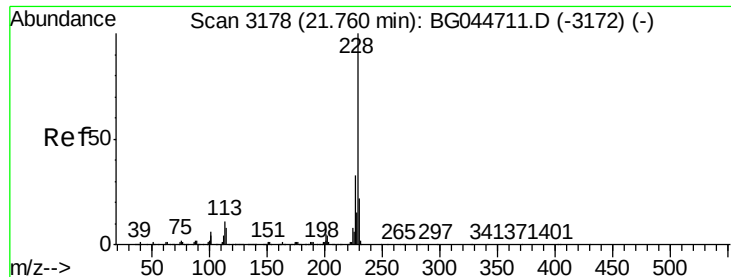
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.5	35.3
229	20.8	17.2	25.8



#82
3,3'-Dichlorobenzidine
Concen: 18.110 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.0	79.4
126	9.2	8.2	12.4





#83

Chrysene

Concen: 19.814 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

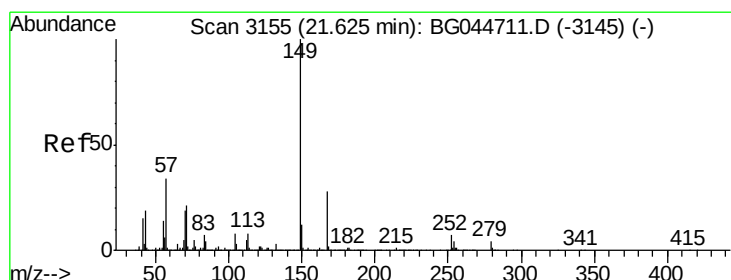
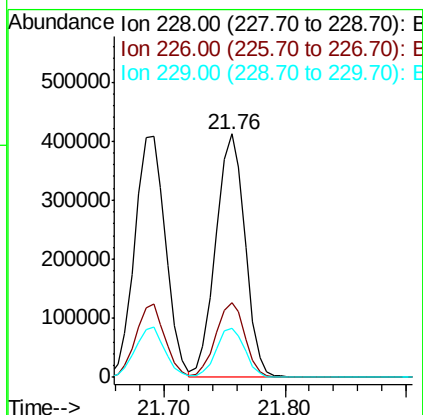
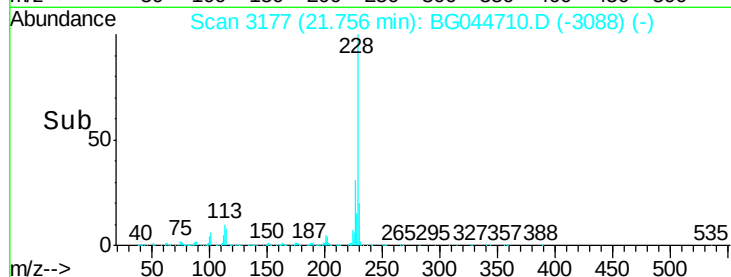
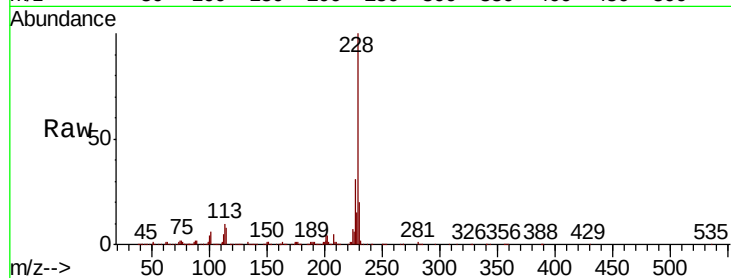
Tot Ion:228 Resp: 687013

Ion Ratio Lower Upper

228 100

226 30.9 26.1 39.1

229 20.1 17.4 26.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.173 ng

RT: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

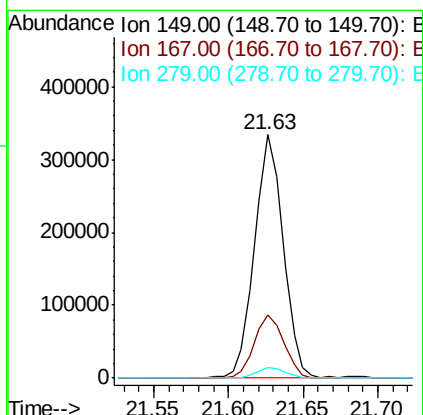
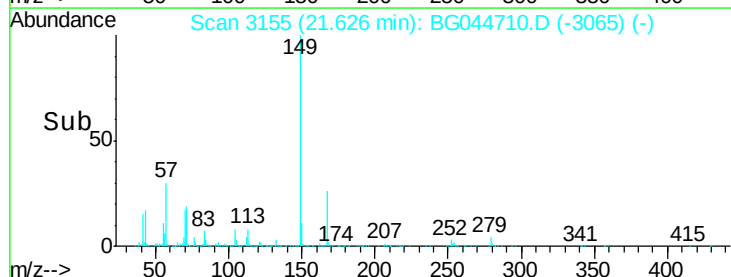
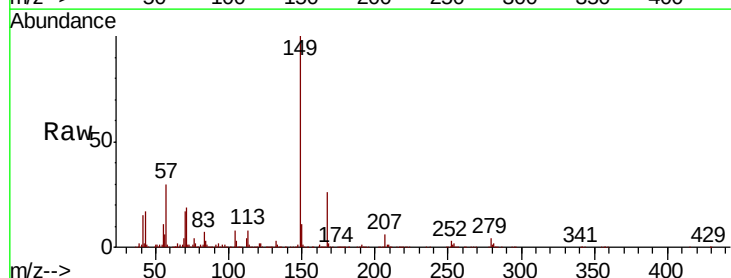
Tgt Ion:149 Resp: 442192

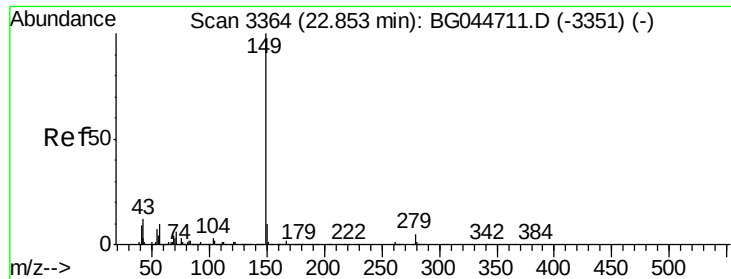
Ion Ratio Lower Upper

149 100

167 26.0 22.6 33.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 18.164 ng

RT: 22.85 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

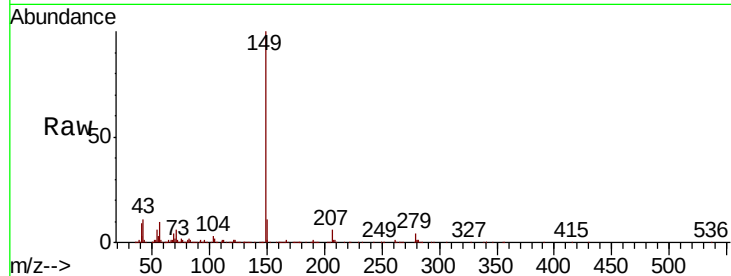
Tot Ion:149 Resp: 719393

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

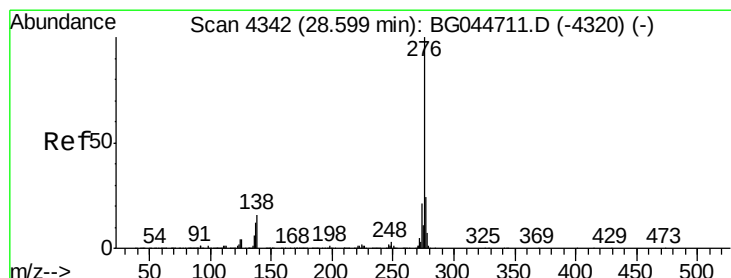
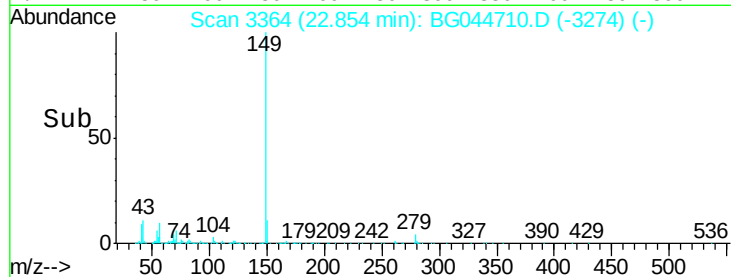
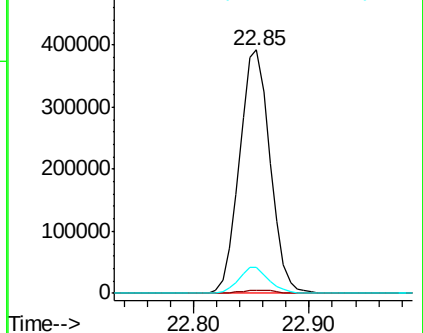
43 10.7 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.385 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

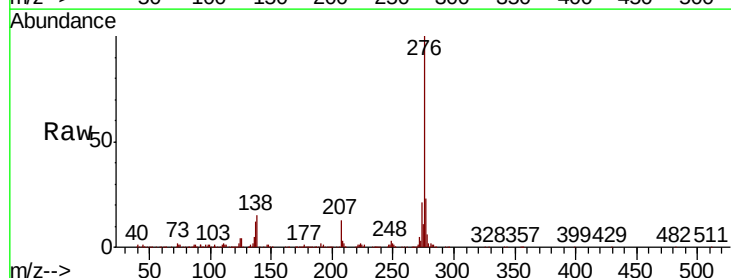
Tgt Ion:276 Resp: 841914

Ion Ratio Lower Upper

276 100

138 13.4 10.9 16.3

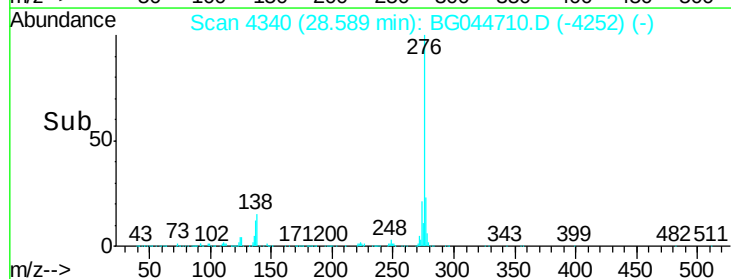
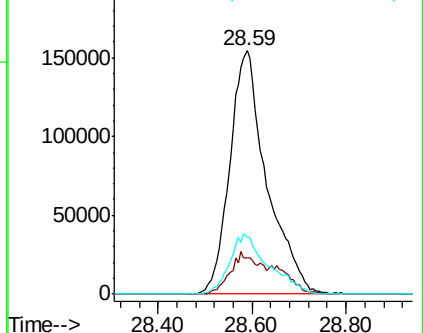
277 25.8 20.8 31.2

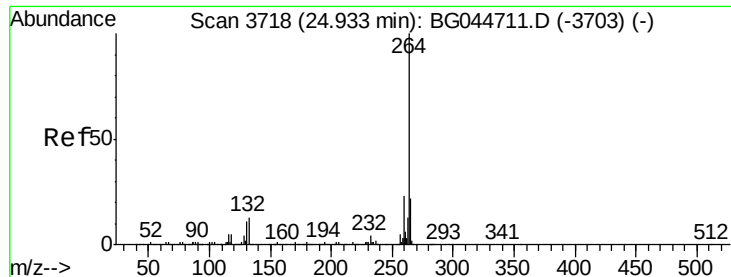


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

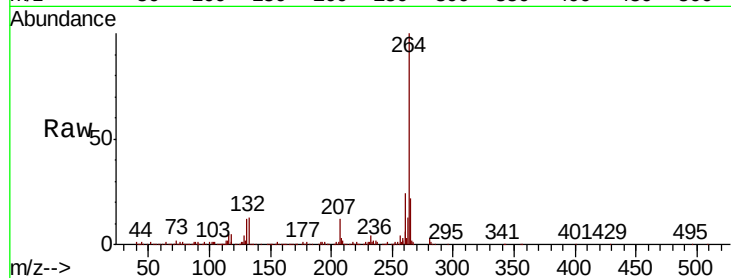
Tot Ion:264 Resp: 564202

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.9 17.4 26.2

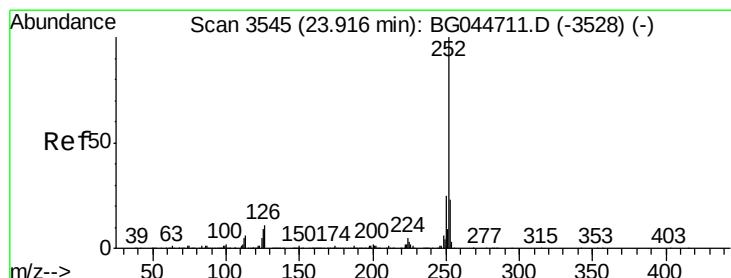
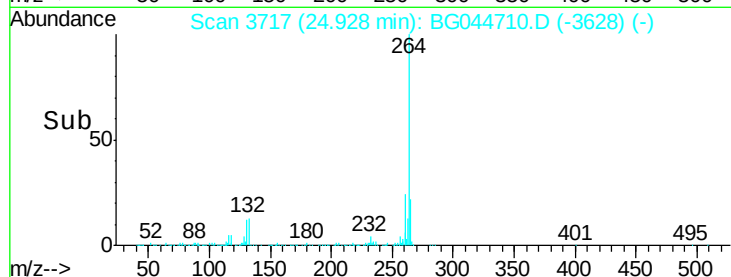
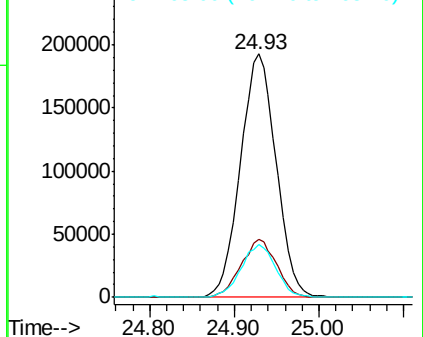


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 19.170 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

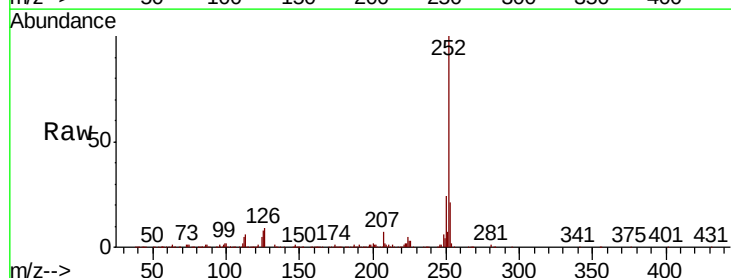
Tgt Ion:252 Resp: 736110

Ion Ratio Lower Upper

252 100

253 21.5 18.7 28.1

125 8.2 7.2 10.8

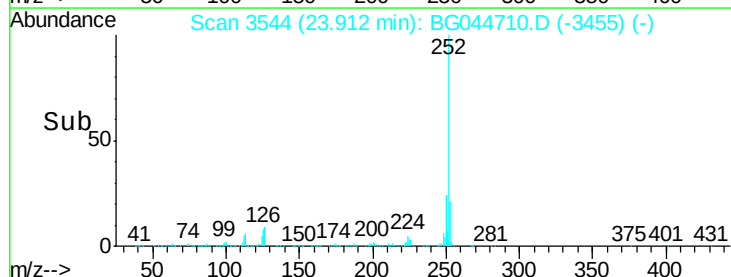
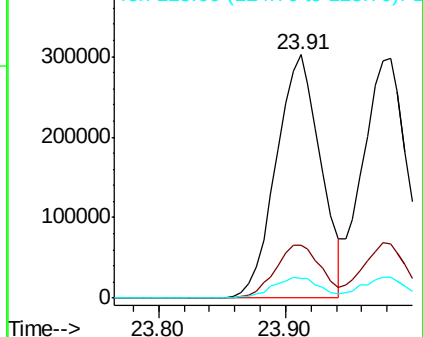


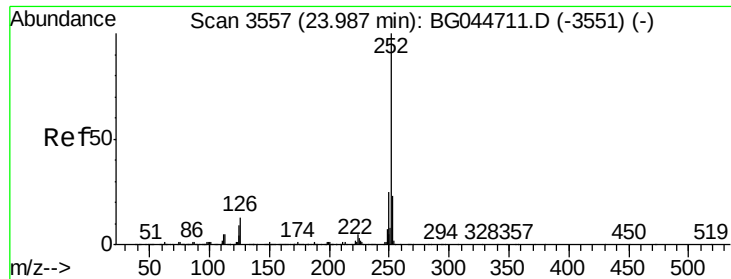
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 20.214 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.00 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

Instrument :

BNA_G

ClientSampleId :

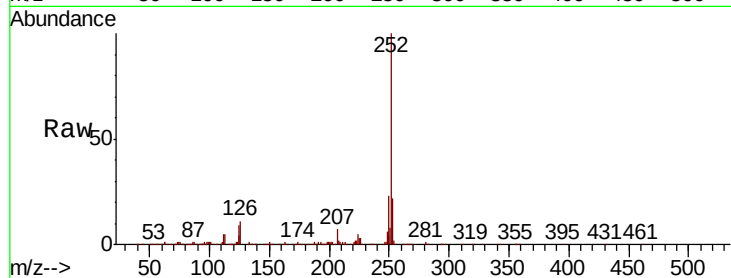
Tot Ion:252 Resp: 727582

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

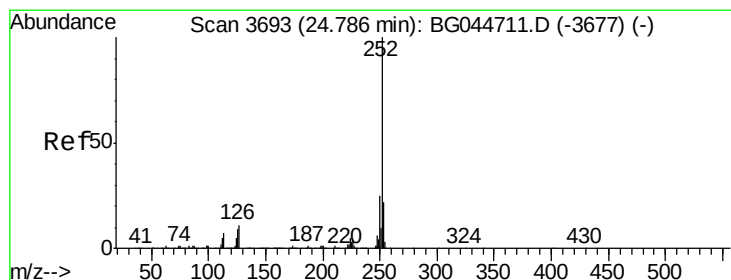
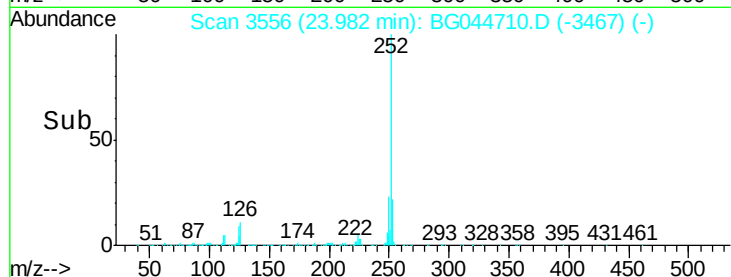
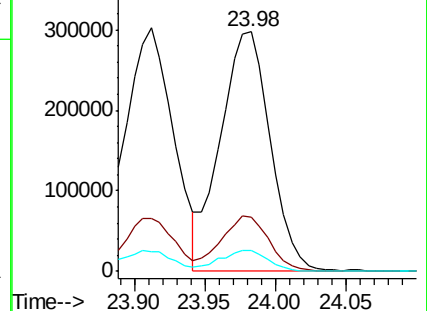
125 8.6 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 19.308 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044710.D

Acq: 10 Mar 2020 11:49

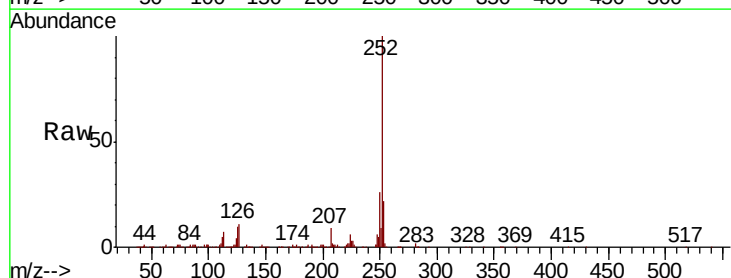
Tgt Ion:252 Resp: 690510

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

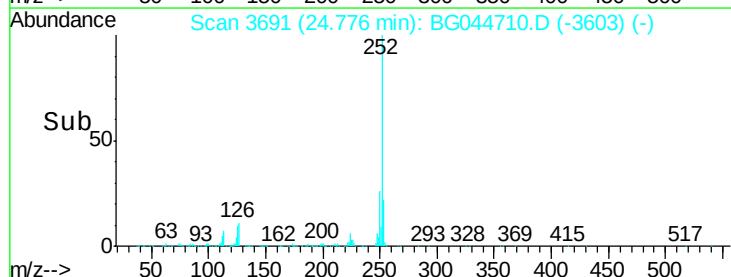
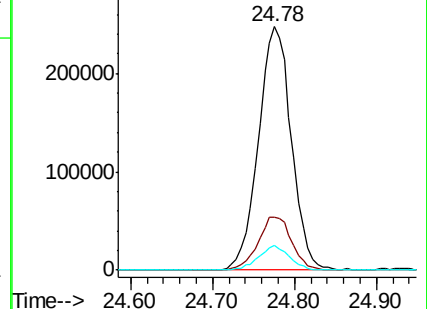
125 9.9 7.0 10.6

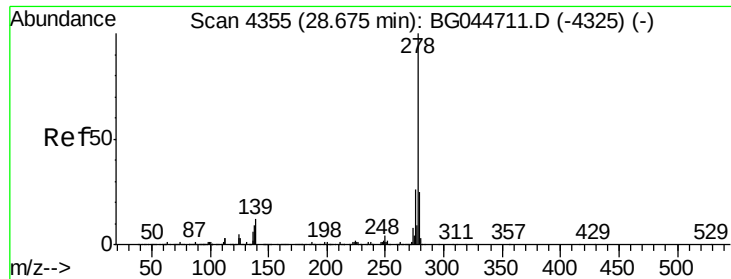


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

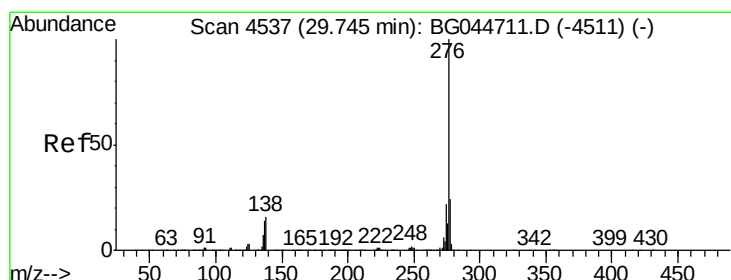
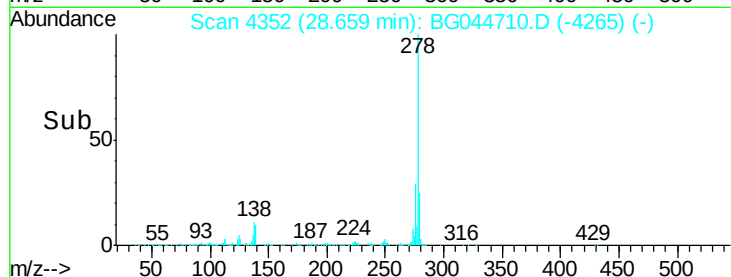
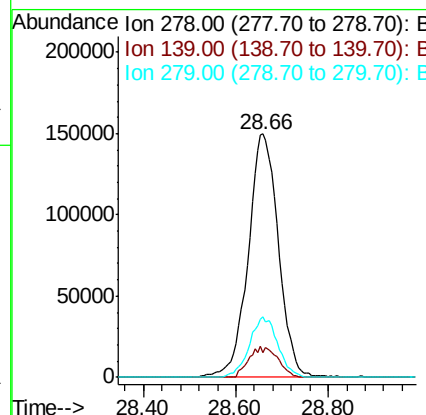
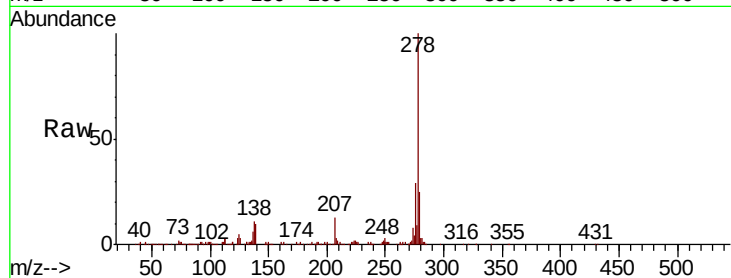




#91
Dibenzo(a,h)anthracene
Concen: 18.972 ng
RT: 28.66 min Scan# 4352
Delta R.T. -0.02 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.9	14.9
279	25.0	20.2	30.4



#92
Benzo(g,h,i)perylene
Concen: 19.137 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.02 min
Lab File: BG044710.D
Acq: 10 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.8	28.2
138	16.8	13.0	19.4

