

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044888.D
 Acq On : 19 Mar 2020 8:23
 Operator : CG/JU
 Sample : PB127639BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 11:21:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	77816	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306285	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	205648	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	480414	20.00	ng	0.00
76) Chrysene-d12	21.69	240	469078	20.00	ng	-0.01
87) Perylene-d12	24.89	264	529803	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	295814	59.18	ng	0.00
7) Phenol-d6	7.20	99	241569	33.26	ng	0.00
23) Nitrobenzene-d5	9.20	82	587149	84.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	379280	140.86	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1216340	84.70	ng	0.00
79) Terphenyl-d14	20.03	244	1977911	78.87	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	40440	16.800	ng	93
3) Pyridine	3.91	79	85517	12.000	ng	95
4) n-Nitrosodimethylamine	3.82	42	48270	17.853	ng	# 95
6) Aniline	7.36	93	185870	20.567	ng	95
8) 2-Chlorophenol	7.61	128	198785	39.836	ng	97
9) Benzaldehyde	7.17	77	225424	57.626	ng	98
10) Phenol	7.22	94	92756	12.900	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	246434	42.943	ng	96
12) 1,3-Dichlorobenzene	7.93	146	242766	39.493	ng	97
13) 1,4-Dichlorobenzene	8.08	146	238497	39.245	ng	98
14) 1,2-Dichlorobenzene	8.40	146	226600	39.316	ng	96
15) Benzyl Alcohol	8.28	79	155819	26.739	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	352546	34.812	ng	99
17) 2-Methylphenol	8.48	107	145263	29.824	ng	96
18) Hexachloroethane	9.13	117	91259	38.143	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	202771	39.539	ng	99
20) 3+4-Methylphenols	8.81	107	175613	26.155	ng	97
22) Acetophenone	8.86	105	374941	43.211	ng	# 97
24) Nitrobenzene	9.24	77	305498	42.182	ng	99
25) Isophorone	9.77	82	565780	41.533	ng	100
26) 2-Nitrophenol	9.96	139	131711	51.881	ng	97
27) 2,4-Dimethylphenol	10.01	122	191395	43.144	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	328631	40.423	ng	99
29) 2,4-Dichlorophenol	10.50	162	225590	43.537	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	250043	40.358	ng	94
31) Naphthalene	10.90	128	701318	41.335	ng	98
32) Benzoic acid	10.09	122	21512	14.640	ng	# 82
33) 4-Chloroaniline	11.00	127	150519	19.691	ng	98
34) Hexachlorobutadiene	11.20	225	159704	39.197	ng	95
35) Caprolactam	11.77	113	5486	2.796	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	241177	39.026	ng	99
37) 2-Methylnaphthalene	12.51	142	532263	41.938	ng	96
38) 1-Methylnaphthalene	12.51	142	532263	44.608	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	284091	41.947	ng	99

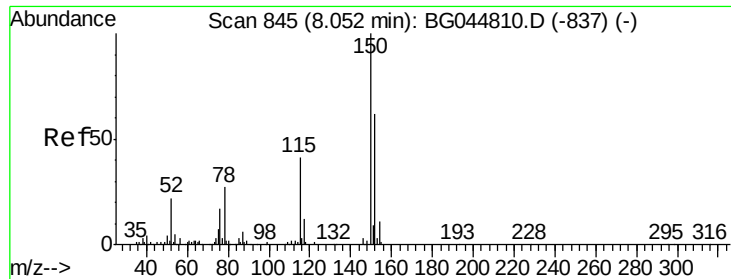
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044888.D
 Acq On : 19 Mar 2020 8:23
 Operator : CG/JU
 Sample : PB127639BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 11:21:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	349997	94.561	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	208964	46.492	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	221432	47.505	ng	98
46) 1,1'-Biphenyl	13.51	154	673463	40.980	ng	99
47) 2-Chloronaphthalene	13.55	162	512161	40.797	ng	98
48) 2-Nitroaniline	13.74	65	191519	43.576	ng	95
49) Acenaphthylene	14.40	152	860998	43.777	ng	98
50) Dimethylphthalate	14.13	163	804217	49.101	ng	99
51) 2,6-Dinitrotoluene	14.24	165	164286	49.761	ng	95
52) Acenaphthene	14.74	154	633452	49.179	ng	97
53) 3-Nitroaniline	14.57	138	90479	23.837	ng	99
54) 2,4-Dinitrophenol	14.77	184	186166	105.006	ng	92
55) Dibenzofuran	15.07	168	833577	44.627	ng	99
56) 4-Nitrophenol	14.87	139	94261	32.539	ng	92
57) 2,4-Dinitrotoluene	15.03	165	227409	50.224	ng	# 99
58) Fluorene	15.73	166	683292	44.470	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	211429	49.267	ng	97
60) Diethylphthalate	15.50	149	740726	43.360	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	365846	44.219	ng	99
62) 4-Nitroaniline	15.73	138	159641	39.443	ng	95
63) Azobenzene	16.01	77	733466	41.345	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	139835	59.623	ng	94
66) n-Nitrosodiphenylamine	15.93	169	607845	42.025	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	255044	42.466	ng	98
68) Hexachlorobenzene	16.74	284	285447	43.809	ng	98
69) Atrazine	16.88	200	249680	47.117	ng	99
70) Pentachlorophenol	17.07	266	356878	99.547	ng	98
71) Phenanthrene	17.46	178	1109638	43.223	ng	99
72) Anthracene	17.55	178	1128353	44.573	ng	99
73) Carbazole	17.82	167	1080839	44.449	ng	99
74) Di-n-butylphthalate	18.39	149	1285204	43.479	ng	100
75) Fluoranthene	19.47	202	1412104	46.196	ng	99
77) Benzidine	19.64	184	639243	41.978	ng	99
78) Pyrene	19.83	202	1400031	40.681	ng	99
80) Butylbenzylphthalate	20.72	149	619337	40.452	ng	98
81) Benzo(a)anthracene	21.67	228	1402412	41.520	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	376343	28.801	ng	99
83) Chrysene	21.74	228	1325516	41.083	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	850628	40.257	ng	98
85) Di-n-octyl phthalate	22.81	149	1472308	41.639	ng	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1795920	42.457	ng	# 98
88) Benzo(b)fluoranthene	23.88	252	1539007	44.001	ng	99
89) Benzo(k)fluoranthene	23.95	252	1434124	43.328	ng	99
90) Benzo(a)pyrene	24.74	252	1350348	41.260	ng	96
91) Dibenzo(a,h)anthracene	28.61	278	1463409	45.324	ng	97
92) Benzo(g,h,i)perylene	29.68	276	1490558	45.693	ng	98

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

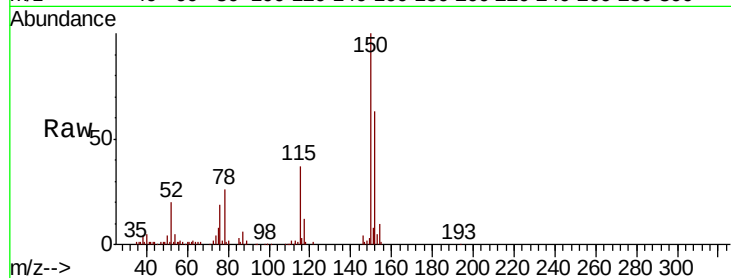


#1

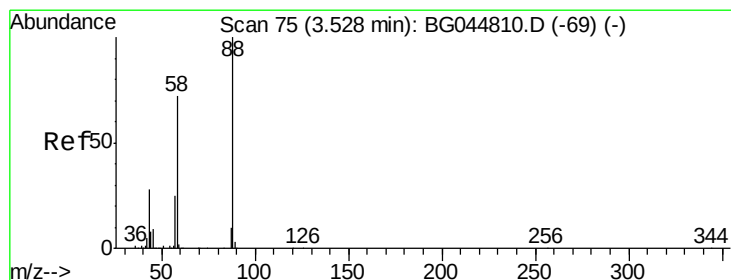
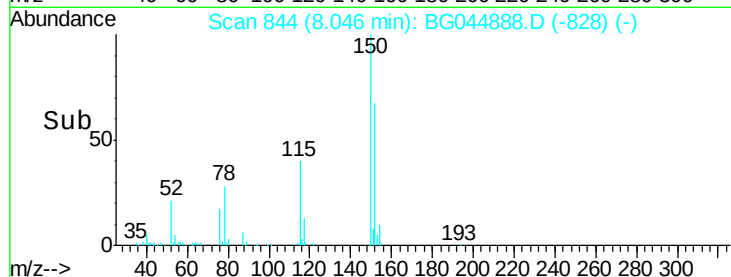
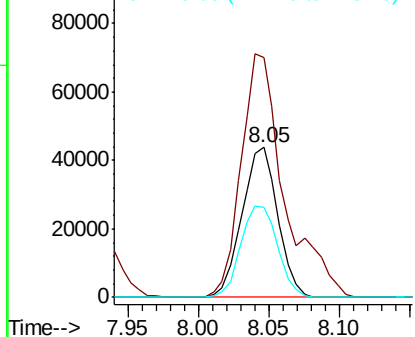
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.8	193.2
115	59.9	52.6	79.0



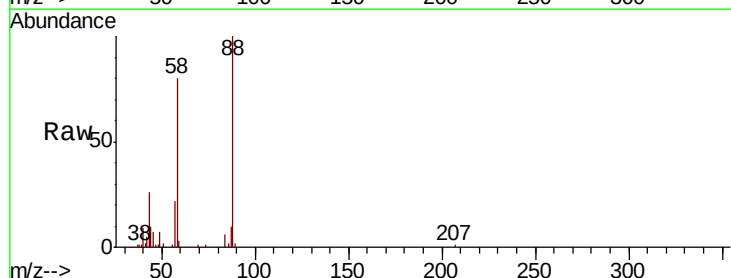
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



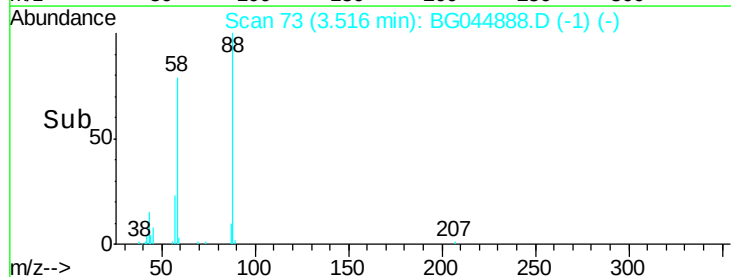
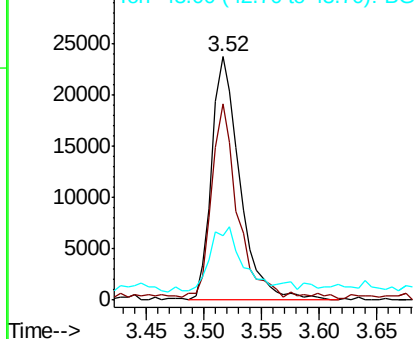
#2

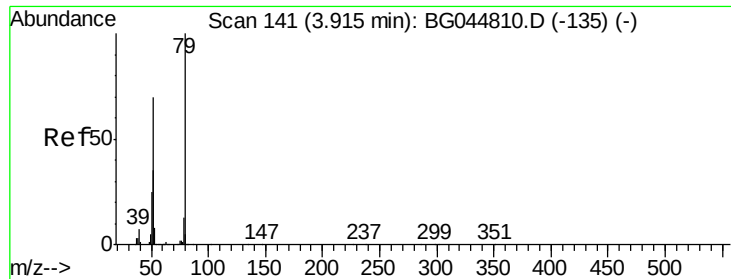
1,4-Dioxane
Concen: 16.800 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	63.0	94.4
43	29.2	24.8	37.2



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





#3

Pvridine

Concen: 12.000 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

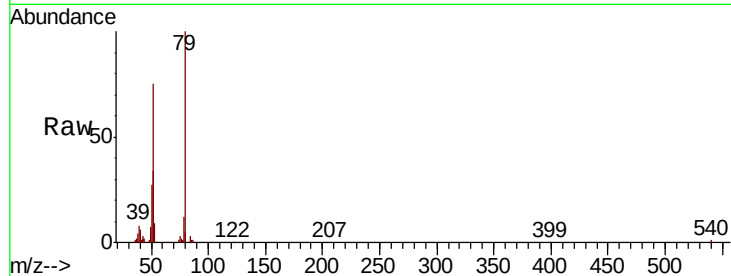
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 85517

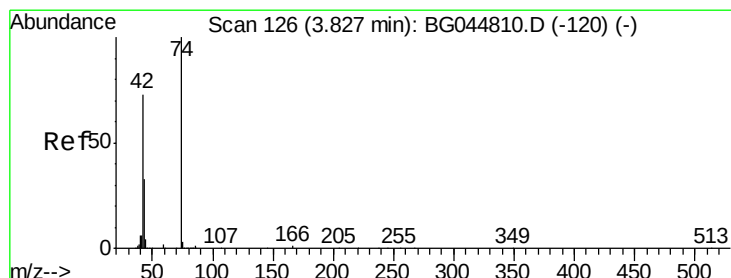
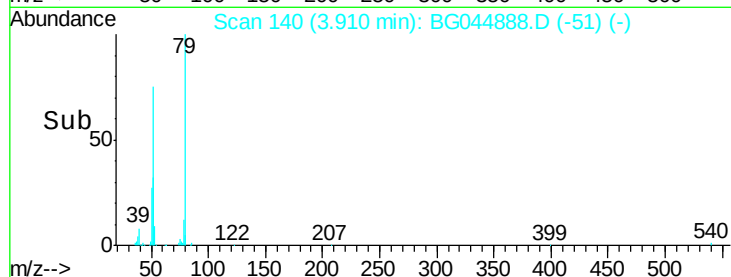
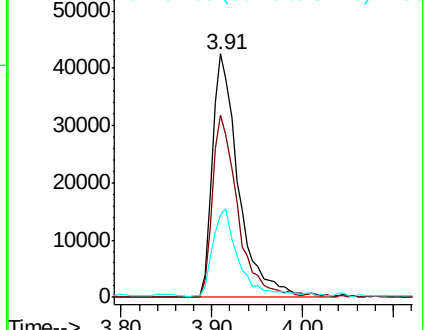
Ion	Ratio	Lower	Upper
79	100		
52	75.0	56.3	84.5
51	33.8	28.1	42.1



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: 17.853 ng

RT: 3.82 min Scan# 125

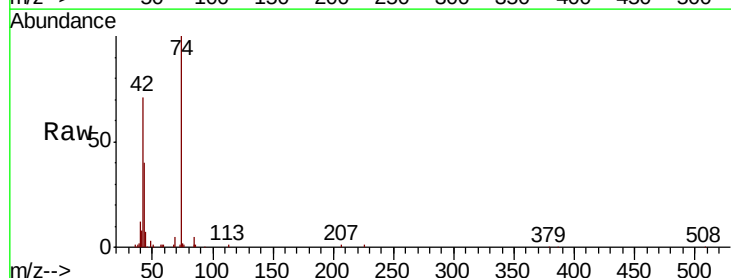
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion: 42 Resp: 48270

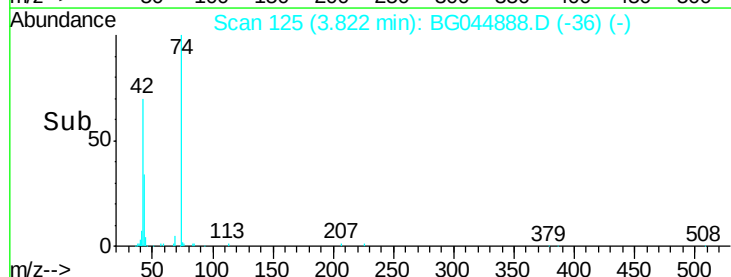
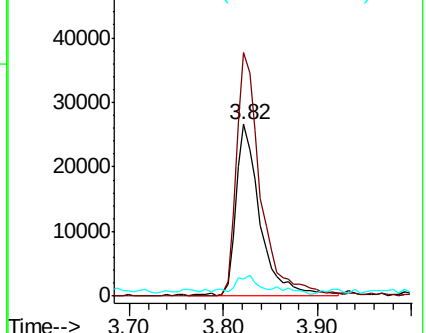
Ion	Ratio	Lower	Upper
42	100		
74	141.8	109.1	163.7
44	9.6	5.4	8.2

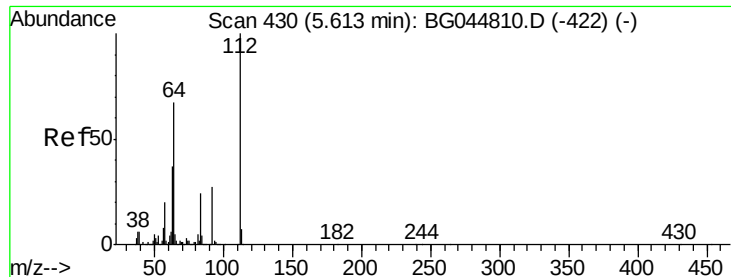


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 59.177 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampled :

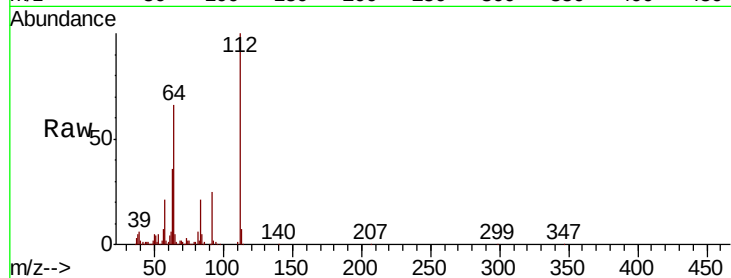
Tot Ion:112 Resp: 295814

Ion Ratio Lower Upper

112 100

64 65.5 53.4 80.2

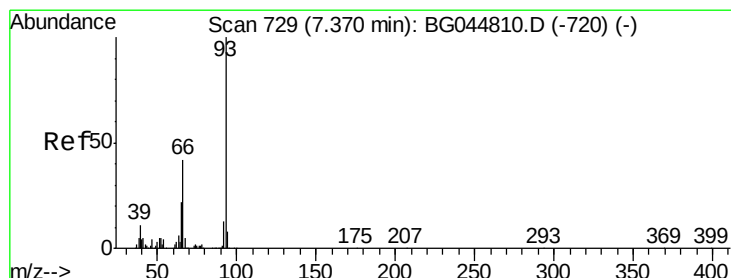
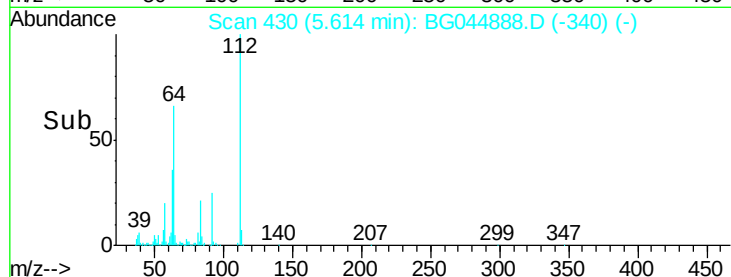
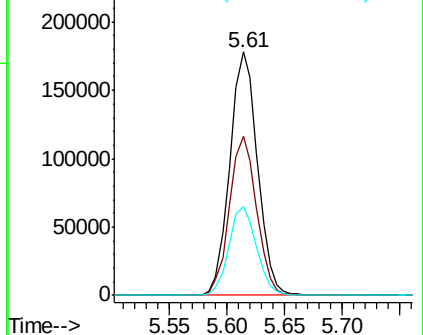
63 36.4 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.567 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

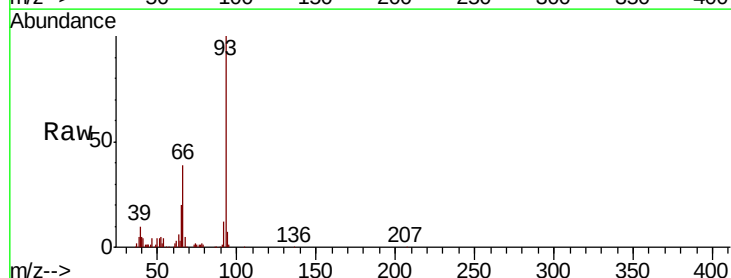
Tgt Ion: 93 Resp: 185870

Ion Ratio Lower Upper

93 100

66 39.2 33.7 50.5

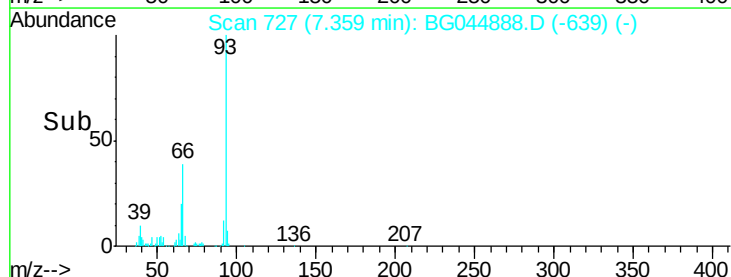
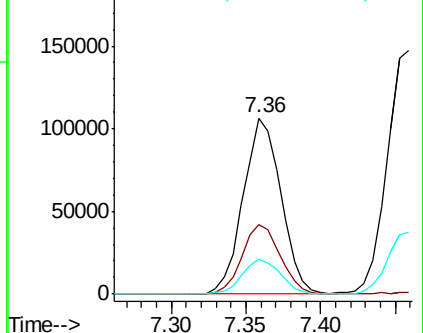
65 19.9 17.7 26.5

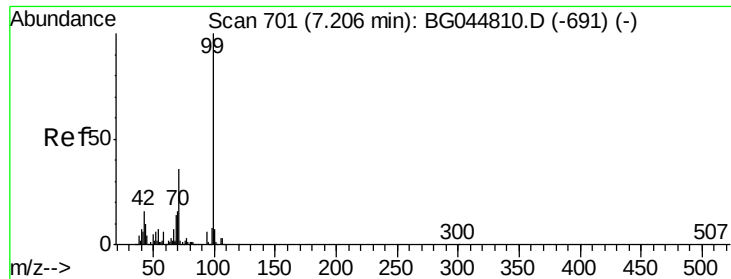


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 33.261 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

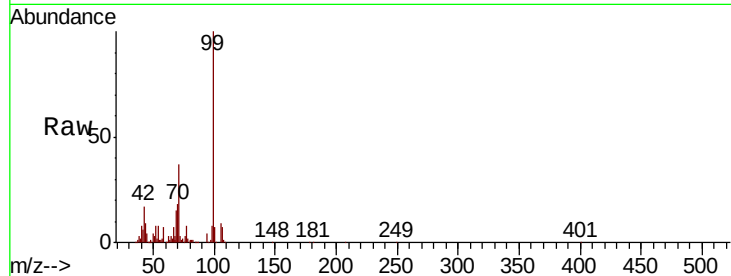
Tot Ion: 99 Resp: 241569

Ion Ratio Lower Upper

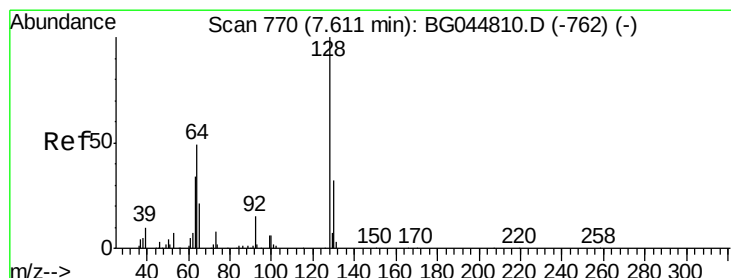
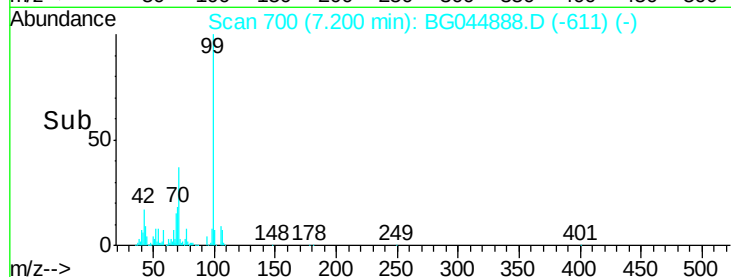
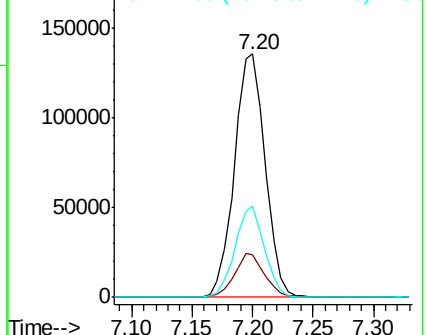
99 100

42 17.5 12.6 19.0

71 37.2 29.0 43.4



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: 39.836 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

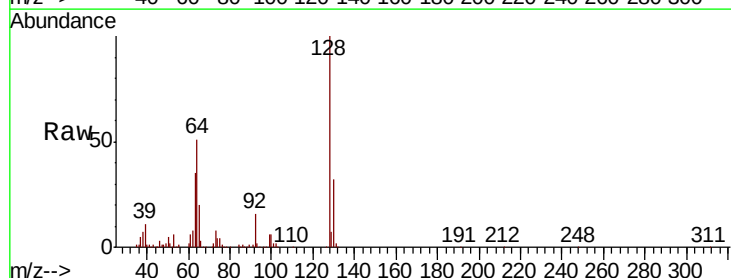
Tgt Ion: 128 Resp: 198785

Ion Ratio Lower Upper

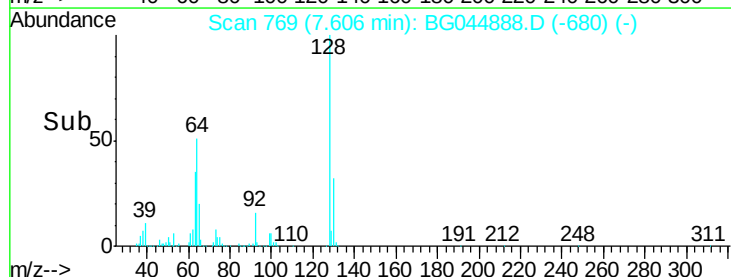
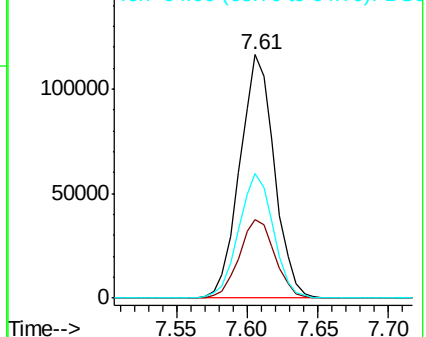
128 100

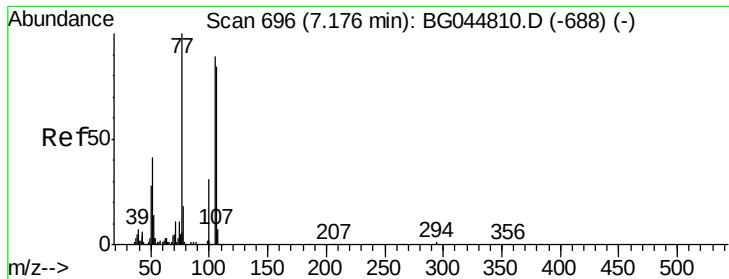
130 32.0 11.6 51.6

64 51.2 34.5 74.5



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: 57.626 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

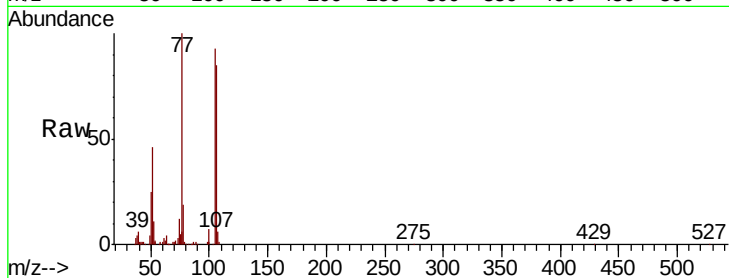
Tot Ion: 77 Resp: 225424

Ion Ratio Lower Upper

77 100

105 92.9 69.3 109.3

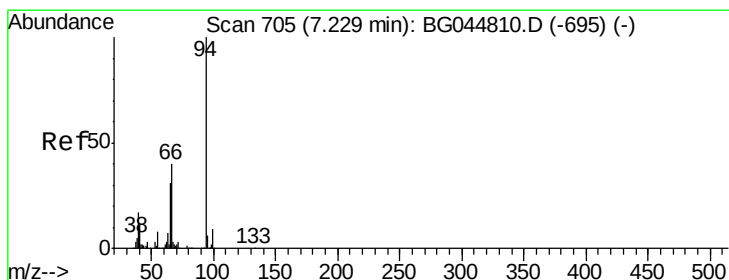
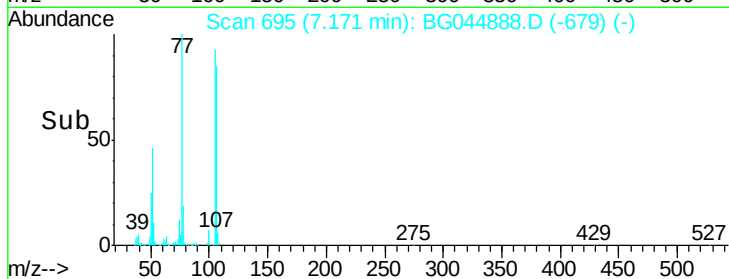
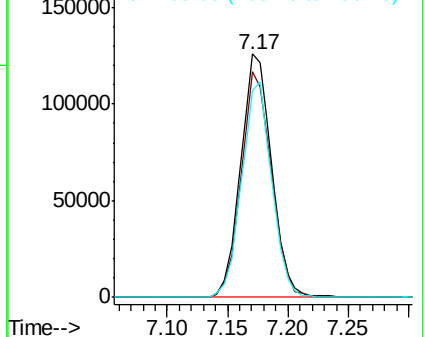
106 84.8 64.5 104.5



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: 12.900 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

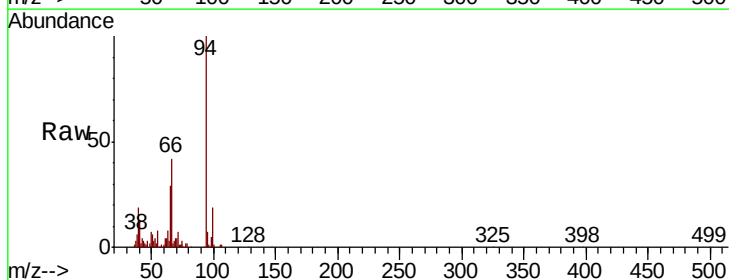
Tgt Ion: 94 Resp: 92756

Ion Ratio Lower Upper

94 100

65 29.1 11.0 51.0

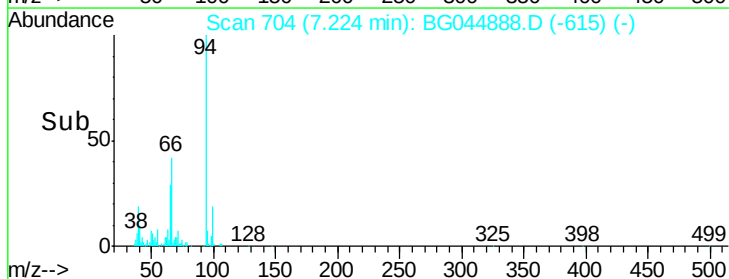
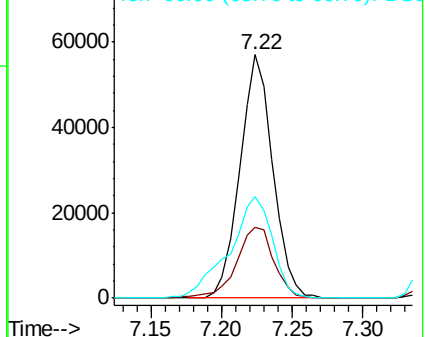
66 41.5 20.1 60.1

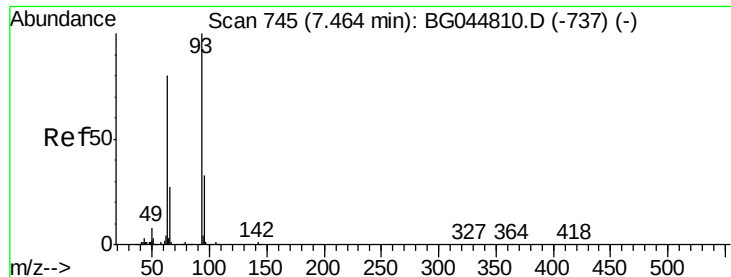


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.943 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

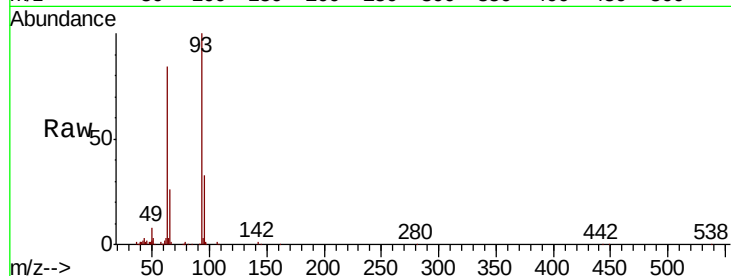
Tot Ion: 93 Resp: 246434

Ion Ratio Lower Upper

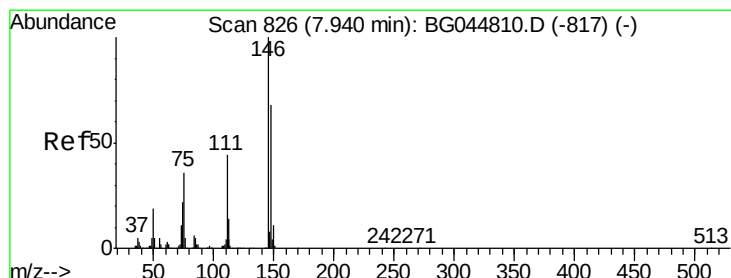
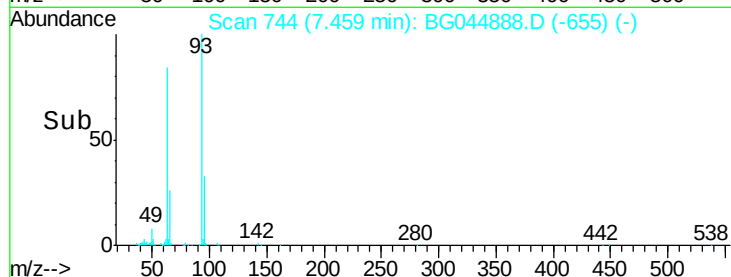
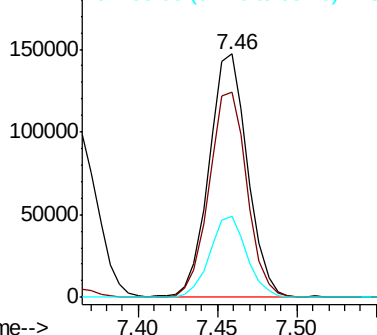
93 100

63 84.3 59.7 99.7

95 33.4 13.1 53.1



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



#12

1,3-Dichlorobenzene

Concen: 39.493 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

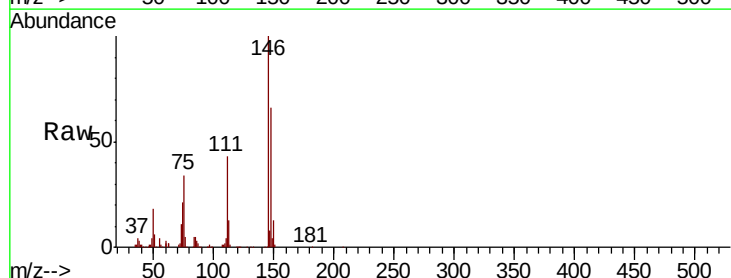
Tgt Ion: 146 Resp: 242766

Ion Ratio Lower Upper

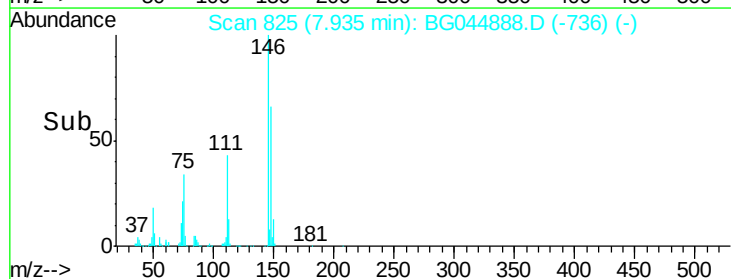
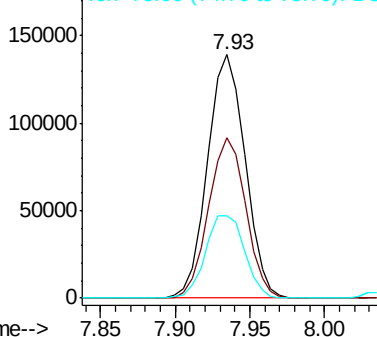
146 100

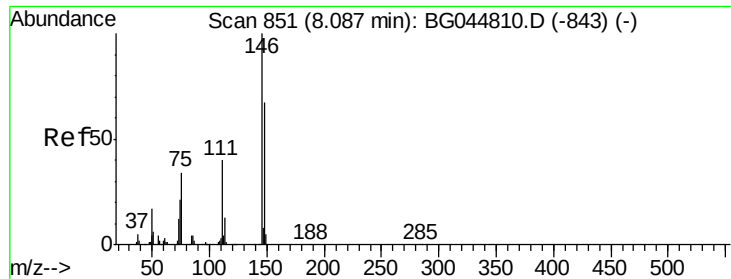
148 65.6 54.2 81.4

75 33.7 28.6 42.8



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

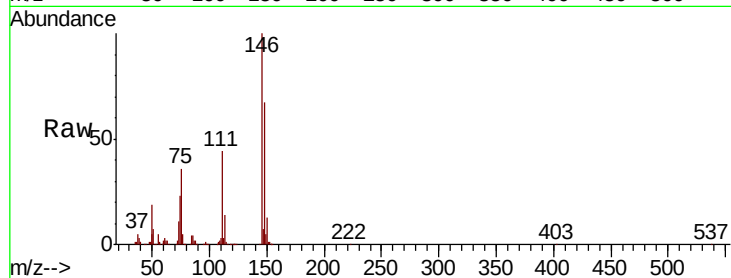




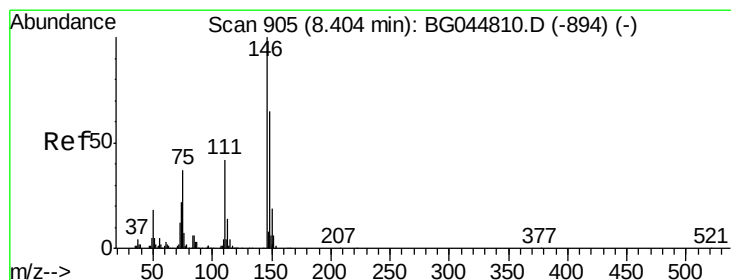
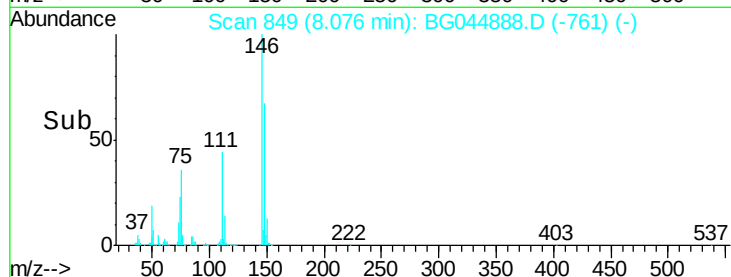
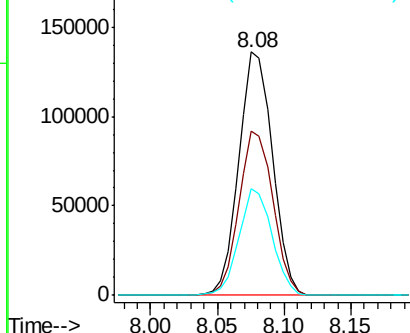
#13
 1,4-Dichlorobenzene
 Concen: 39.245 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	53.8	80.6
111	43.5	32.0	48.0

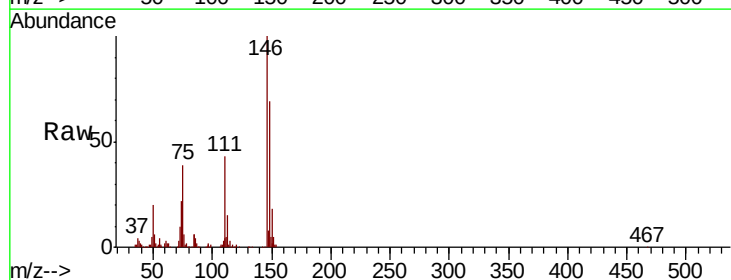


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

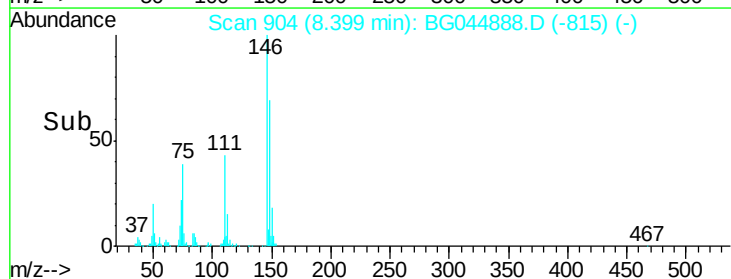
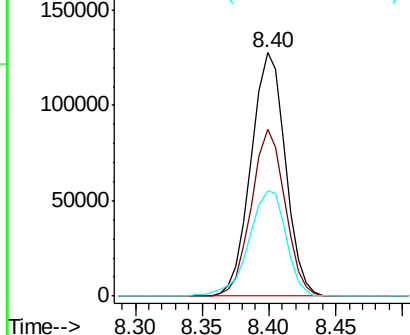


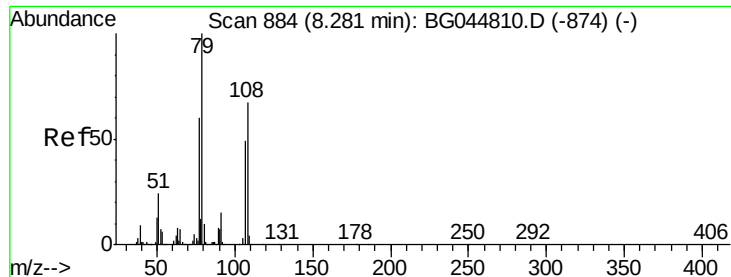
#14
 1,2-Dichlorobenzene
 Concen: 39.316 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	52.1	78.1
111	43.5	33.4	50.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

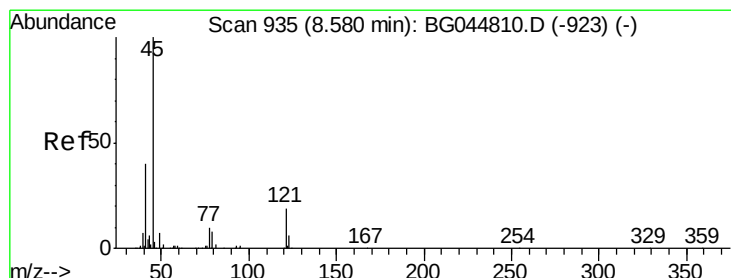
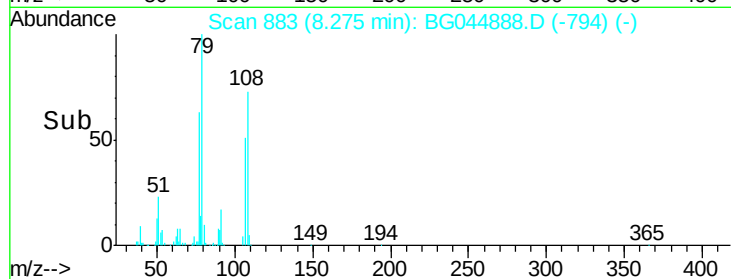
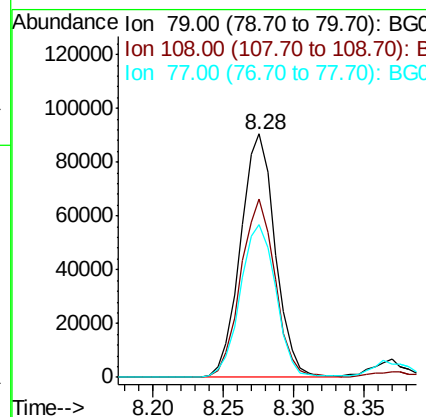
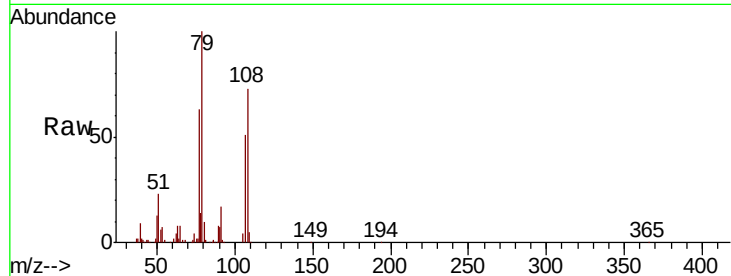




#15
Benzvl Alcohol
Concen: 26.739 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

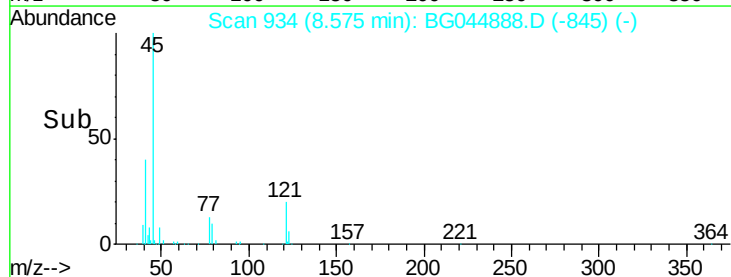
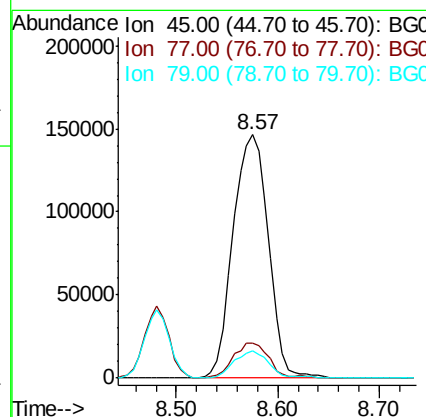
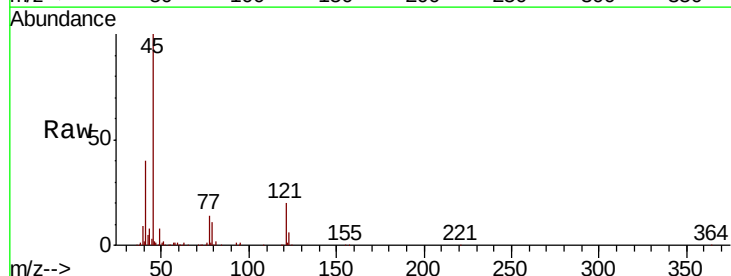
Instrument :
BNA_G
ClientSampleId :

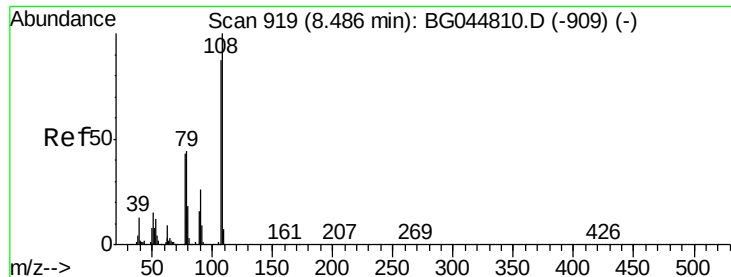
Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	53.8	80.8
77	62.9	47.8	71.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.812 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.9
79	11.2	0.0	30.8





#17

2-Methylphenol

Concen: 29.824 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 145263

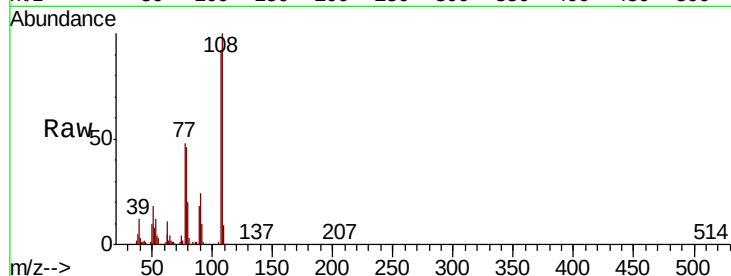
Ion Ratio Lower Upper

107 100

108 108.4 91.8 137.8

77 52.5 40.0 60.0

79 49.5 40.2 60.2

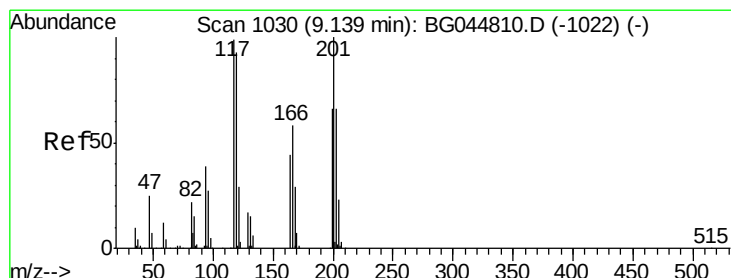
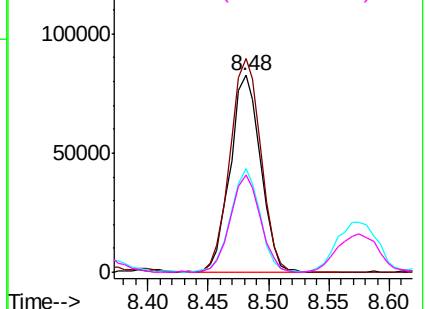
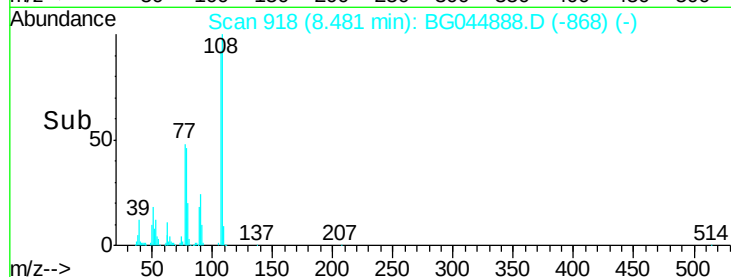


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.143 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

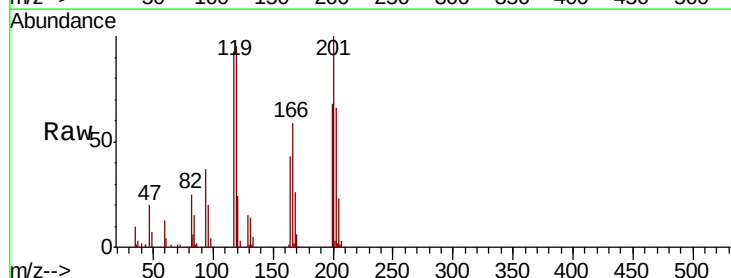
Tgt Ion:117 Resp: 91259

Ion Ratio Lower Upper

117 100

119 101.9 75.2 112.8

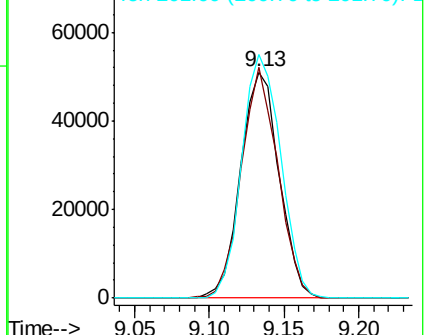
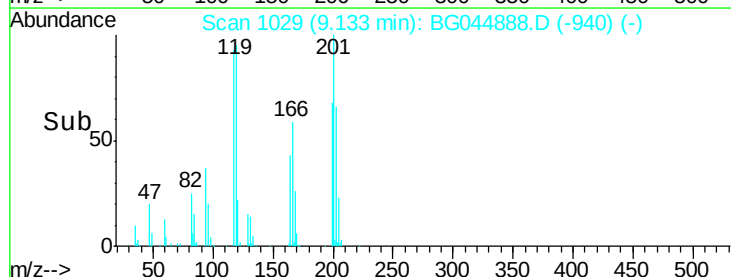
201 107.7 81.1 121.7

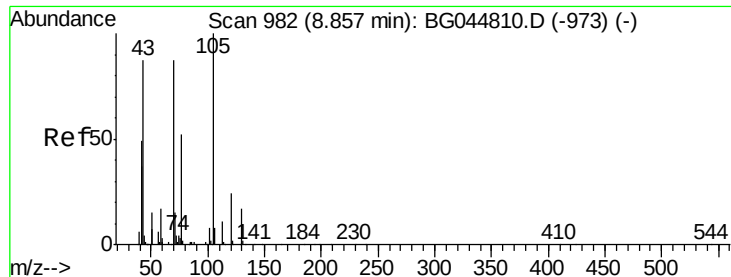


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

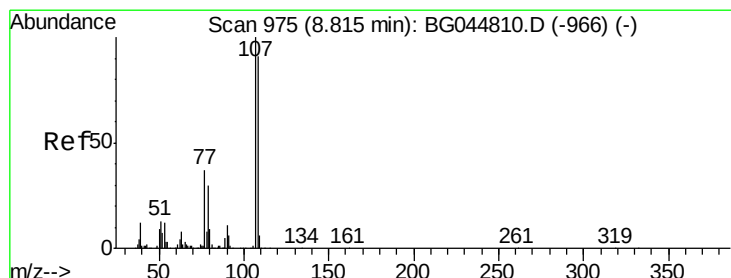
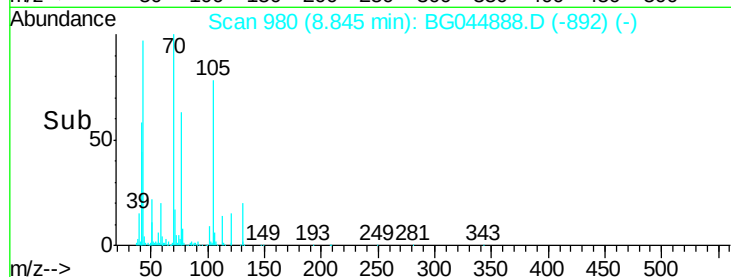
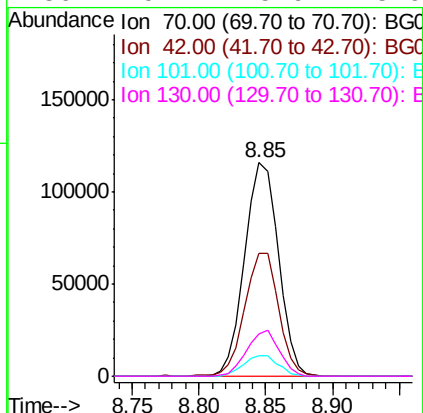
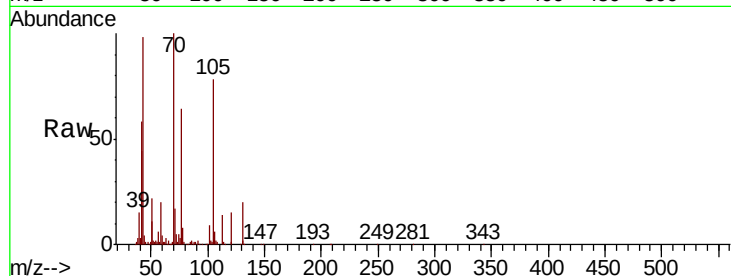




#19
n-Nitroso-di-n-propylamine
Concen: 39.539 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

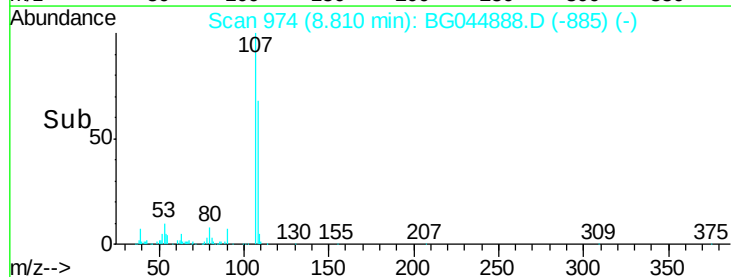
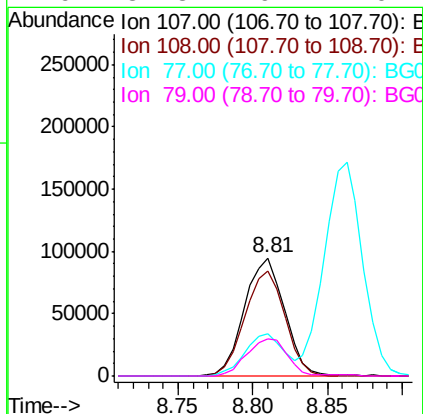
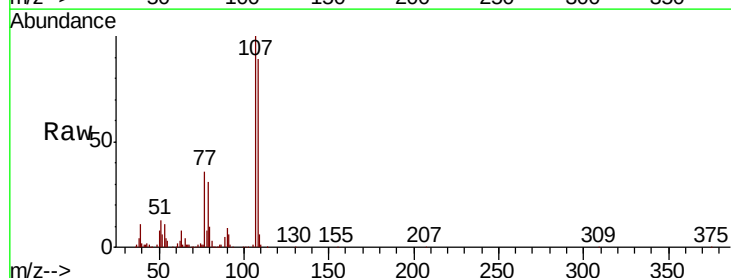
Instrument :
BNA_G
ClientSampleId :

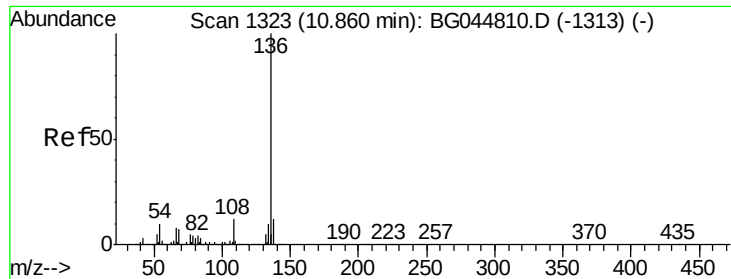
Tot Ion:	70	Resp:	202771
Ion	Ratio	Lower	Upper
70	100		
42	57.7	45.7	68.5
101	9.4	7.4	11.2
130	19.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 26.155 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion:	107	Resp:	175613
Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.3	111.3
77	36.0	16.9	56.9
79	31.3	9.7	49.7

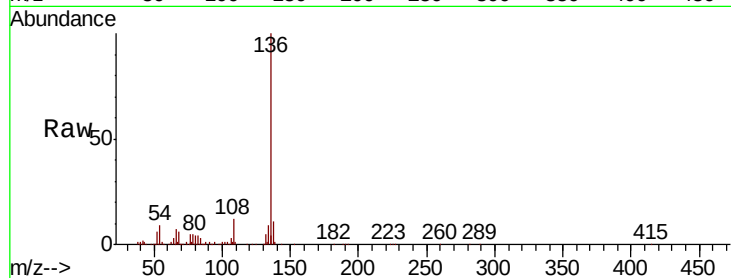




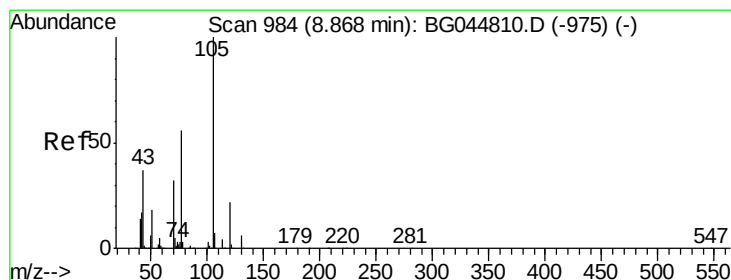
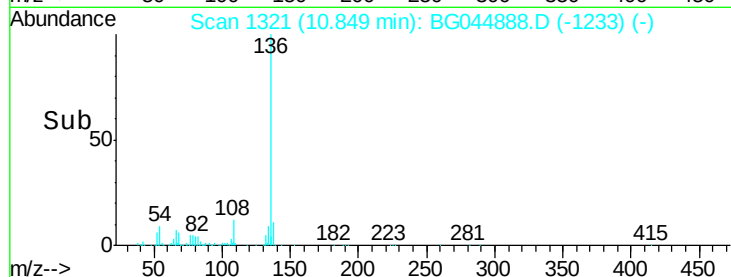
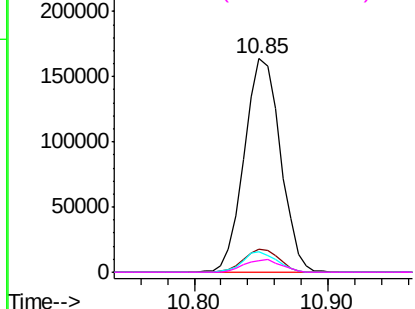
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	306285
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.8 14.6
54	9.5	7.9 11.9
68	5.6	5.4 8.0

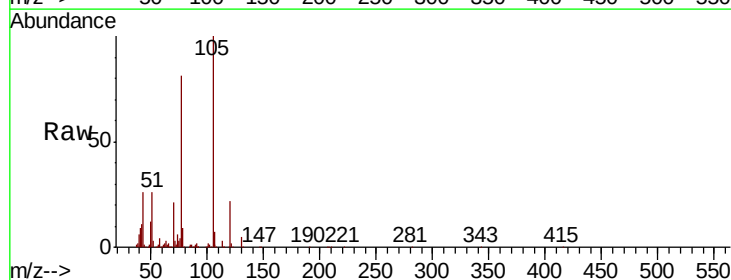


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

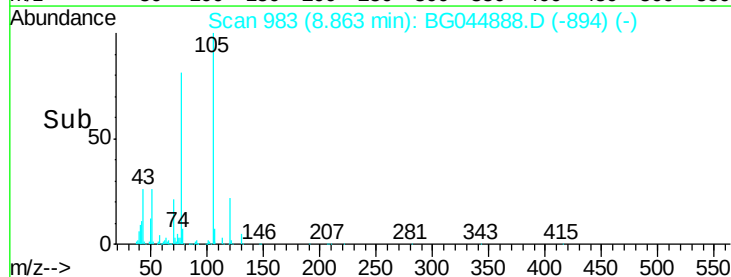
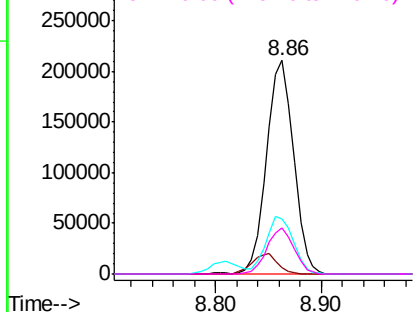


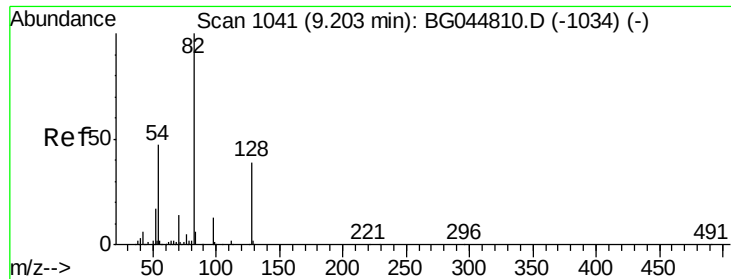
#22
Acetophenone
Concen: 43.211 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion:105	Resp:	374941
Ion Ratio	Lower	Upper
105	100	
71	3.0	3.9 5.9#
51	26.0	22.6 33.8
120	21.8	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

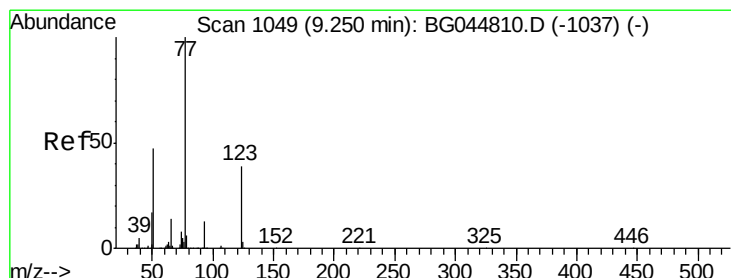
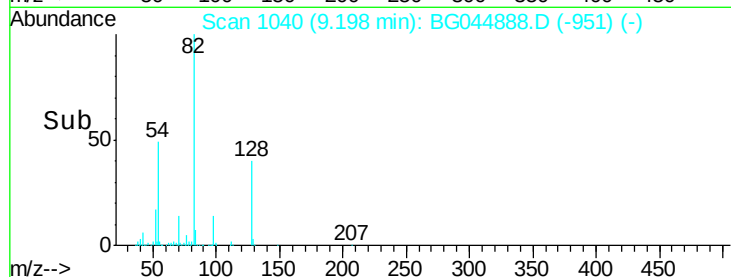
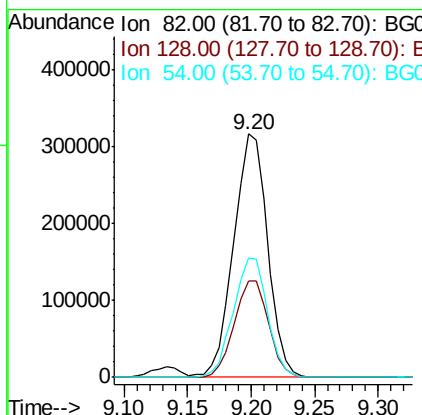
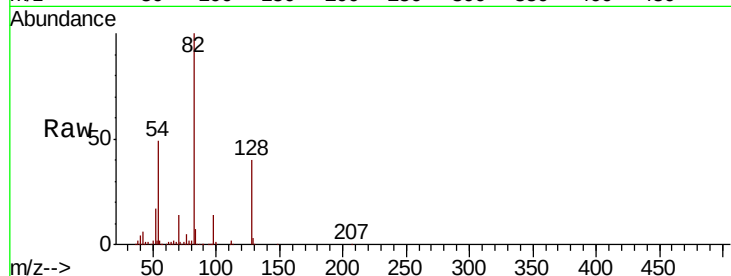




#23
 Nitrobenzene-d5
 Concen: 84.121 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

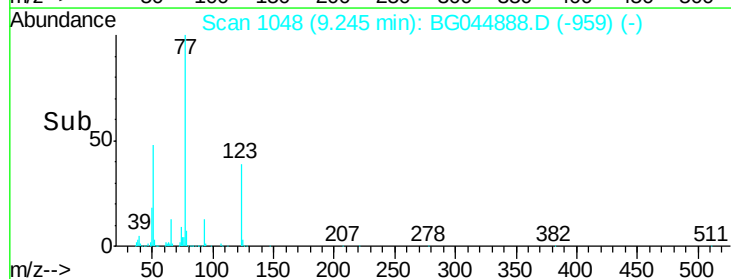
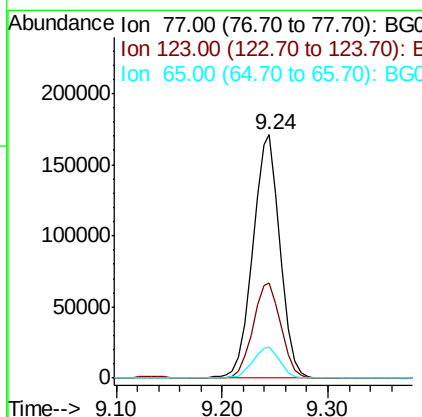
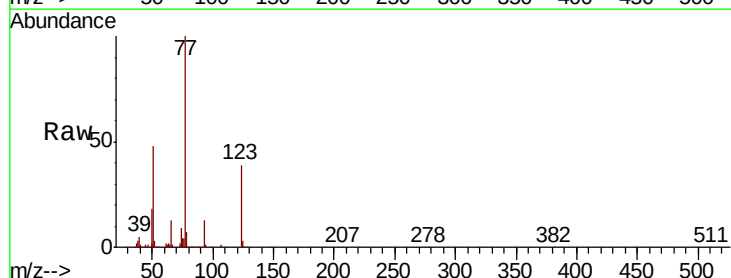
Instrument :
 BNA_G
 ClientSampleId :

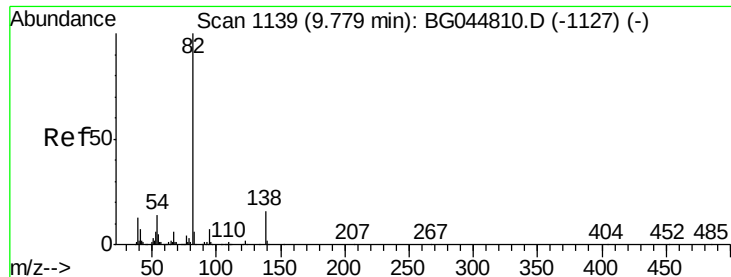
Tot Ion	82	Resp	587149
Ion Ratio	Lower	Upper	
82	100		
128	39.6	30.6	46.0
54	49.0	37.1	55.7



#24
 Nitrobenzene
 Concen: 42.182 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	77	Resp	305498
Ion Ratio	Lower	Upper	
77	100		
123	39.1	31.3	46.9
65	12.9	11.4	17.0





#25

Isophorone

Concen: 41.533 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

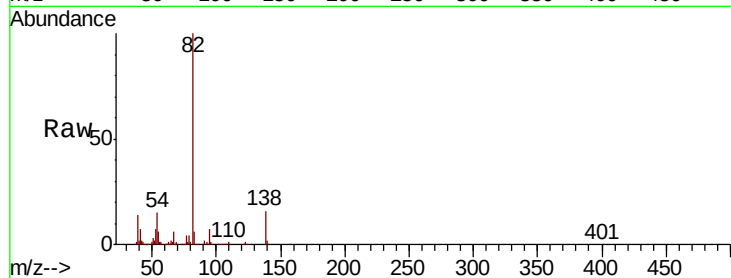
Tot Ion: 82 Resp: 565780

Ion Ratio Lower Upper

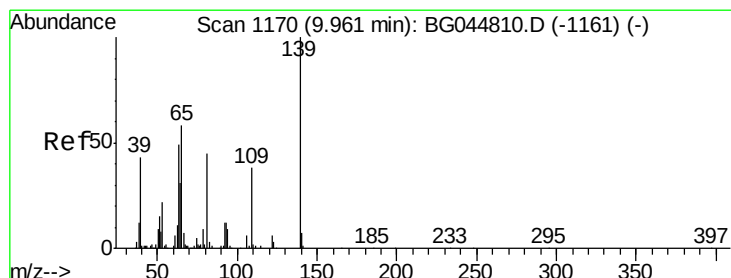
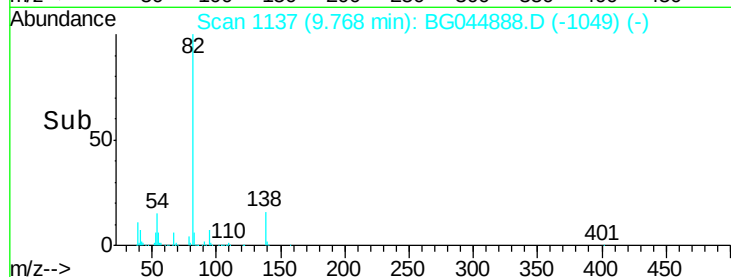
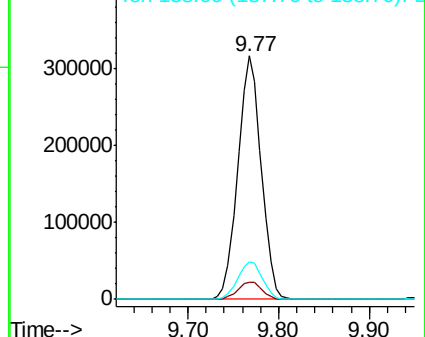
82 100

95 7.0 5.5 8.3

138 15.5 12.5 18.7



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: 51.881 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

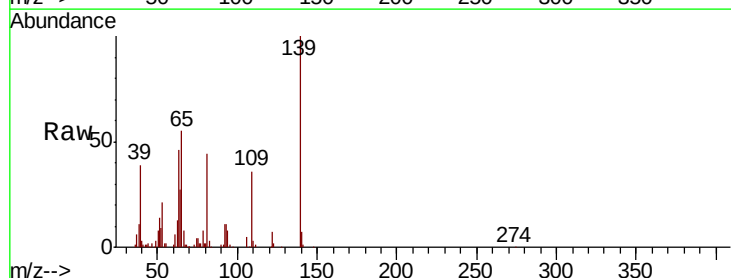
Tgt Ion: 139 Resp: 131711

Ion Ratio Lower Upper

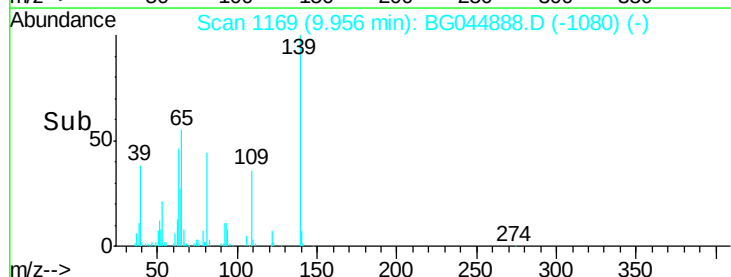
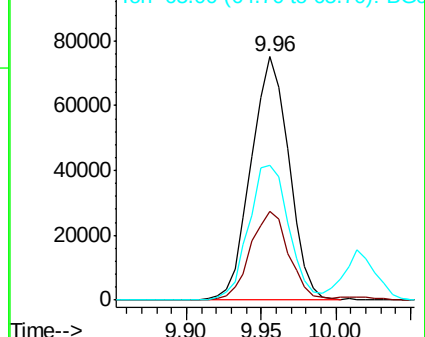
139 100

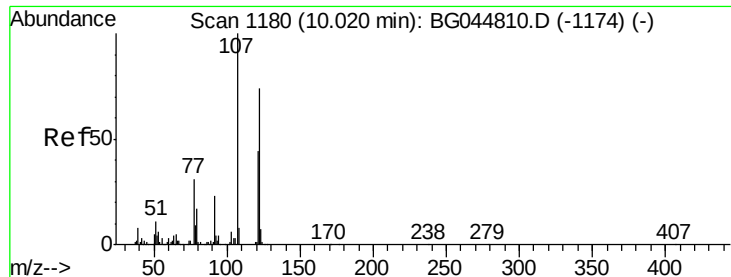
109 36.5 30.2 45.4

65 55.2 46.3 69.5



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

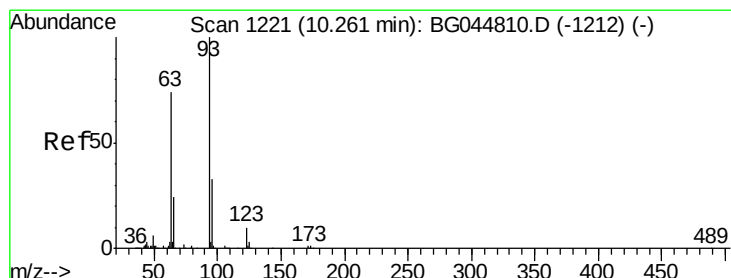
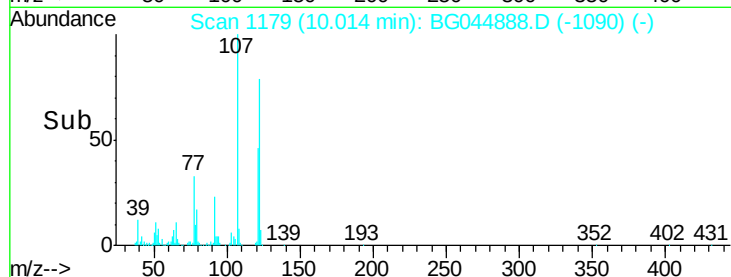
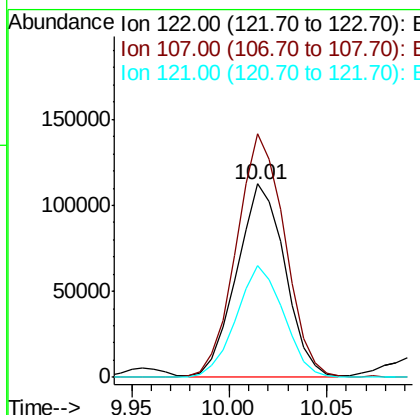
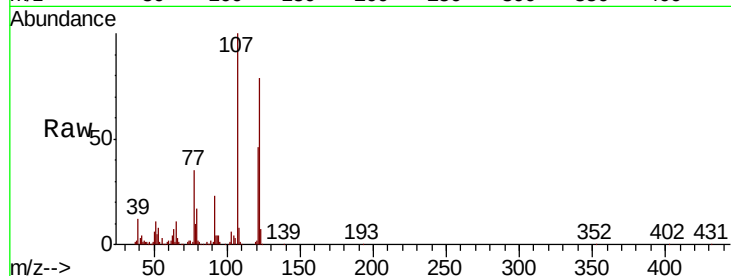




#27
 2,4-Dimethylphenol
 Concen: 43.144 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

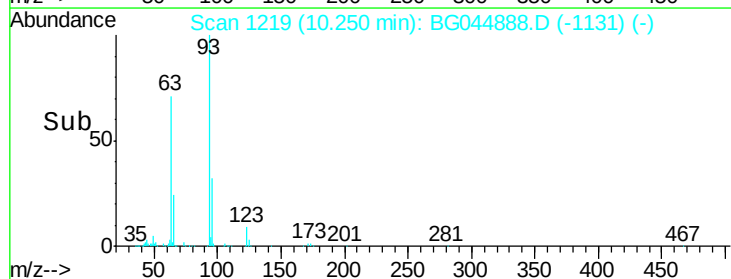
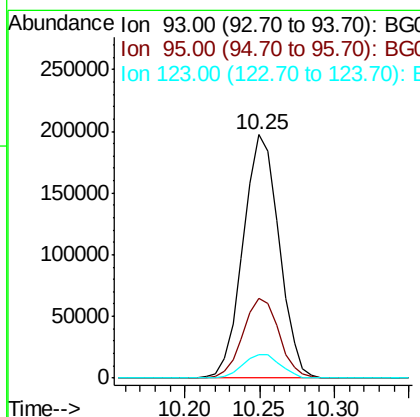
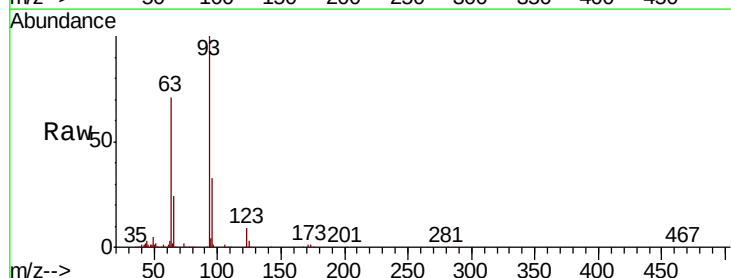
Instrument :
 BNA_G
 ClientSampleId :

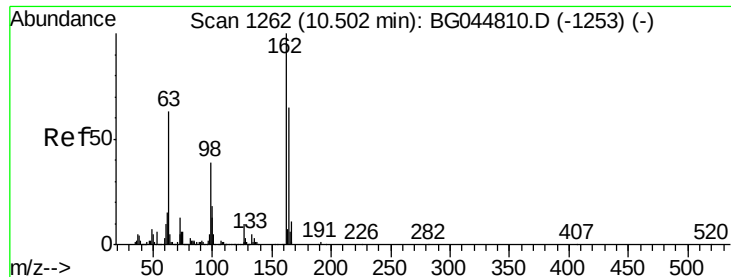
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	107.1	160.7
121	58.1	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.423 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	9.4	8.4	12.6

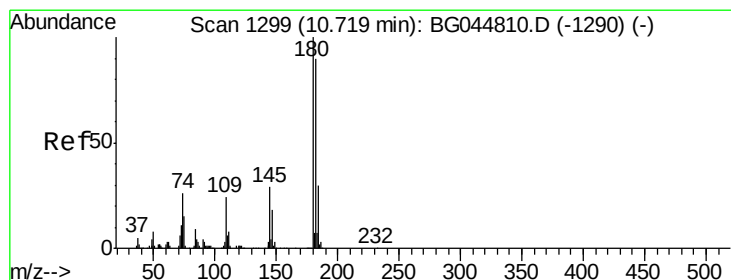
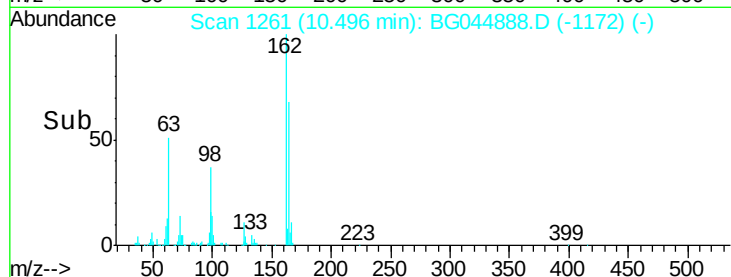
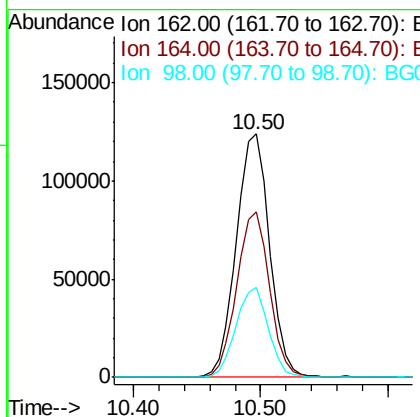
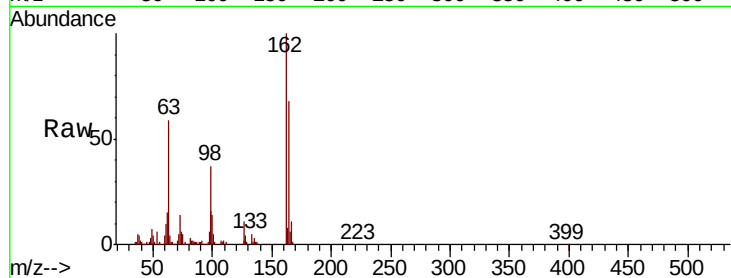




#29
 2,4-Dichlorophenol
 Concen: 43.537 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

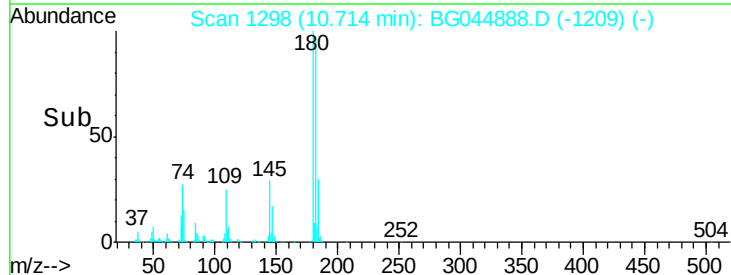
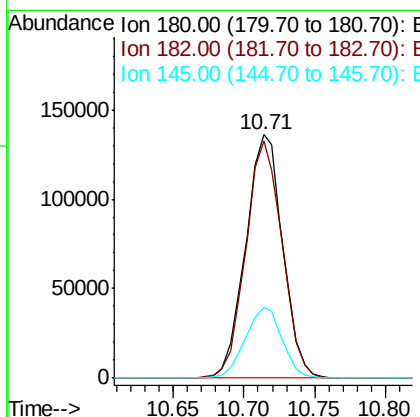
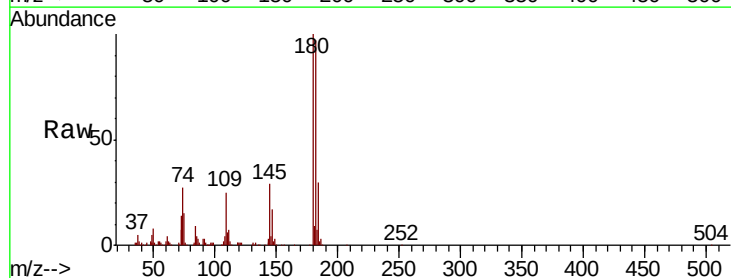
Instrument :
 BNA_G
 ClientSampleId :

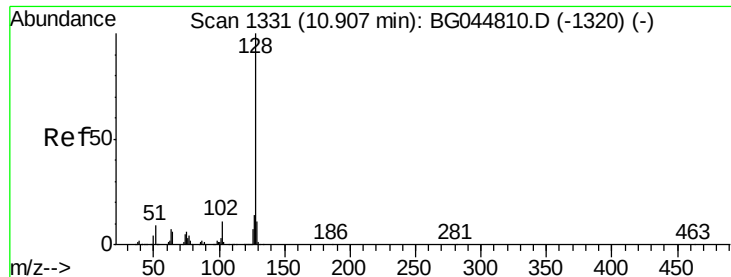
Tot Ion	162	Resp	225590
Ion Ratio	Lower	Upper	
162	100		
164	68.2	45.2	85.2
98	37.0	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.358 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	180	Resp	250043
Ion Ratio	Lower	Upper	
180	100		
182	97.2	71.6	107.4
145	29.1	23.4	35.0

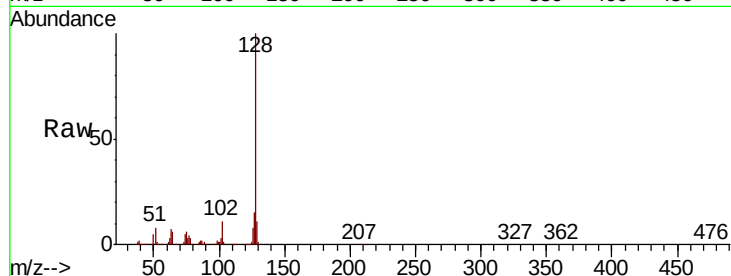




#31
Naphthalene
Concen: 41.335 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	14.6	10.8	16.2

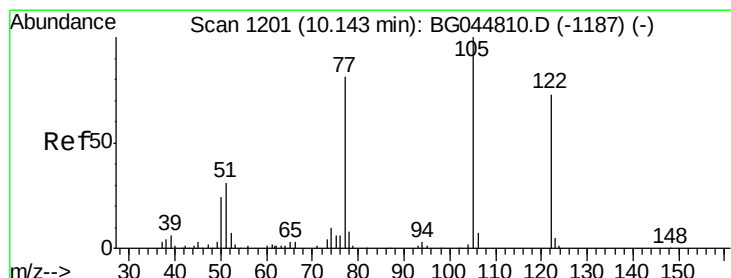
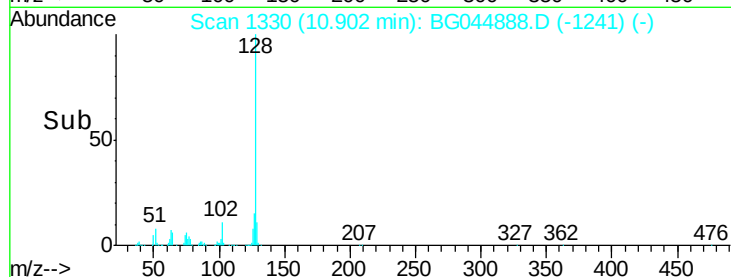
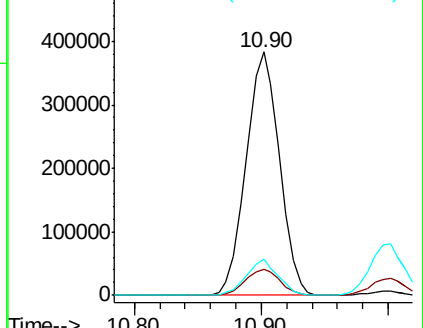


Abundance

Ion 128.00 (127.70 to 128.70): E

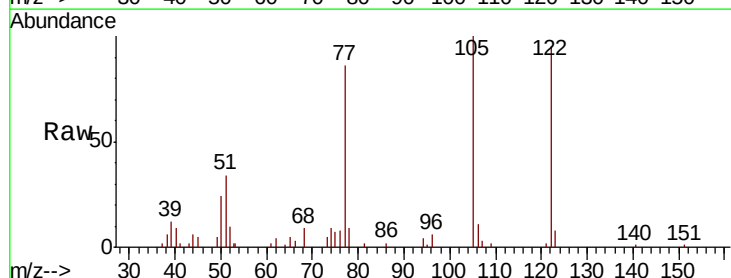
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 14.640 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.05 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	104.7	109.1	149.1#
77	89.7	85.3	125.3

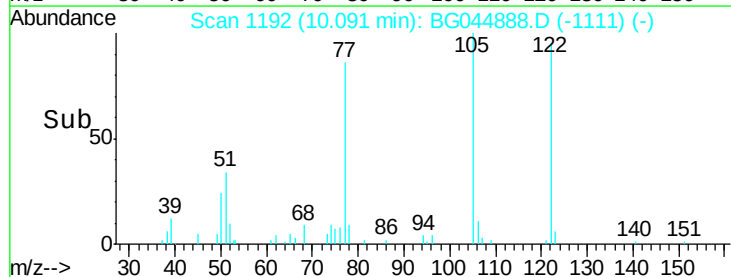
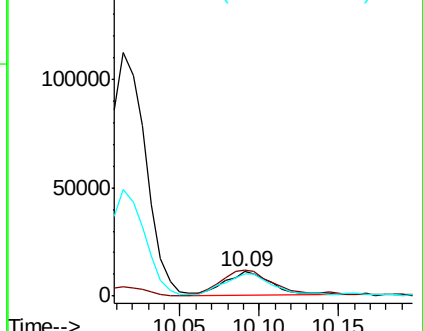


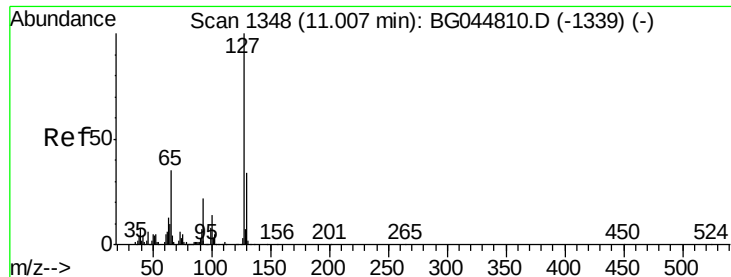
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

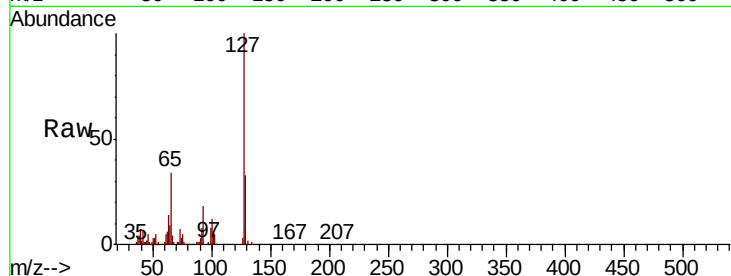




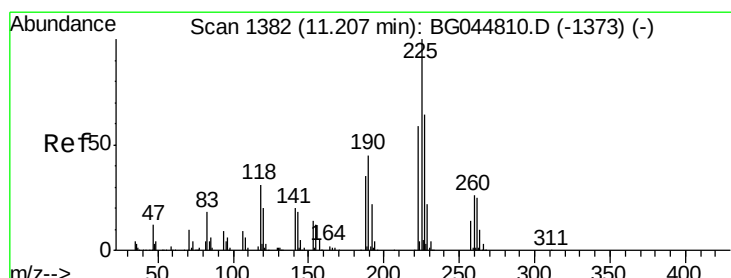
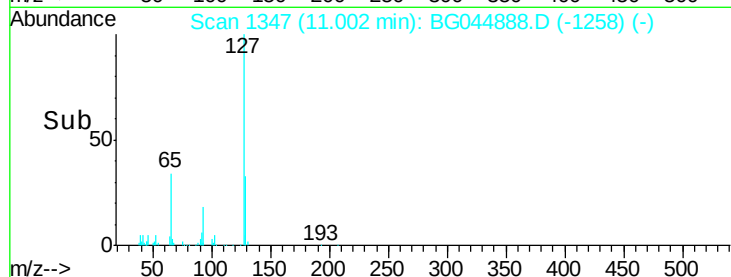
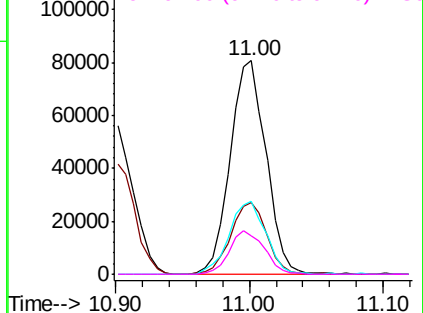
#33
4-Chloroaniline
Concen: 19.691 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	150519
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.9	40.3
65	34.3	27.7	41.5
92	18.2	17.4	26.2

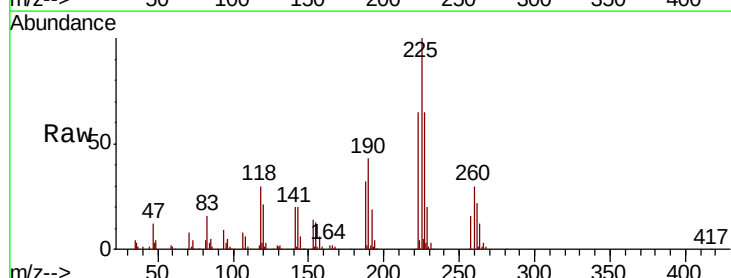


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

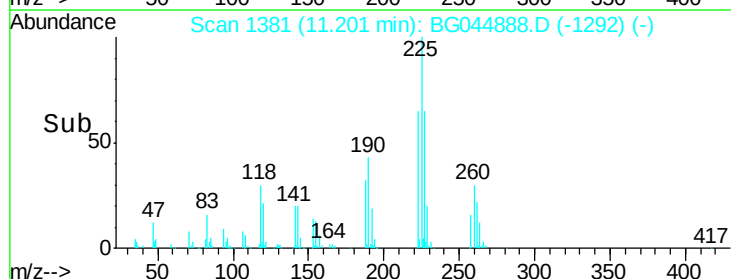
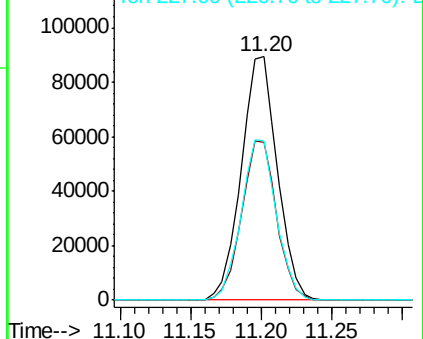


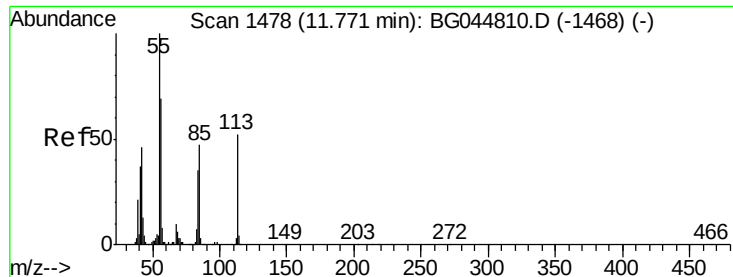
#34
Hexachlorobutadiene
Concen: 39.197 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion:	225	Resp:	159704
Ion	Ratio	Lower	Upper
225	100		
223	65.0	47.4	71.0
227	65.4	50.8	76.2



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: 2.796 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampled :

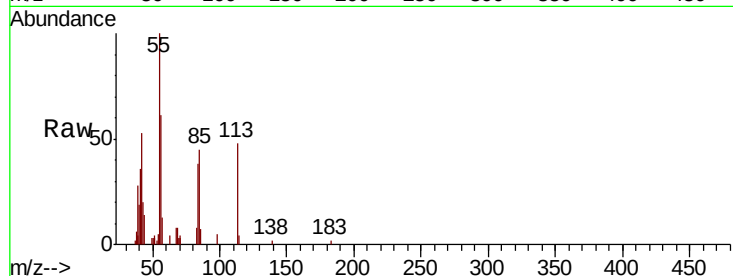
Tot Ion:113 Resp: 5486

Ion Ratio Lower Upper

113 100

55 207.6 173.8 213.8

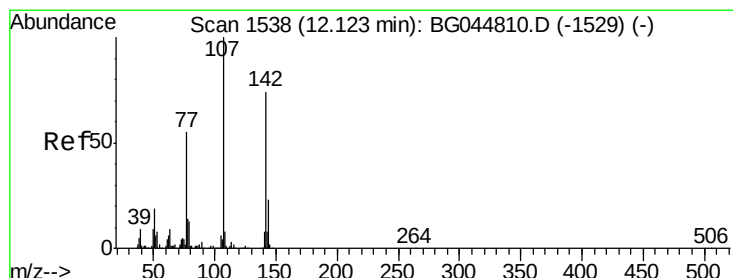
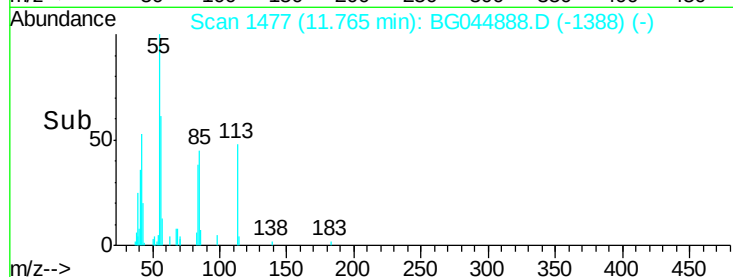
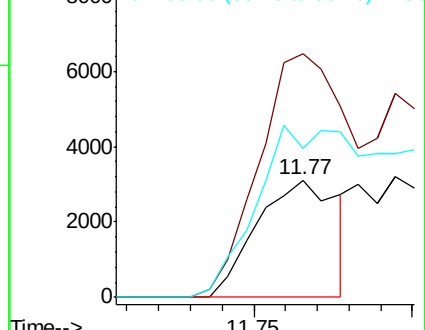
56 127.3 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.026 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

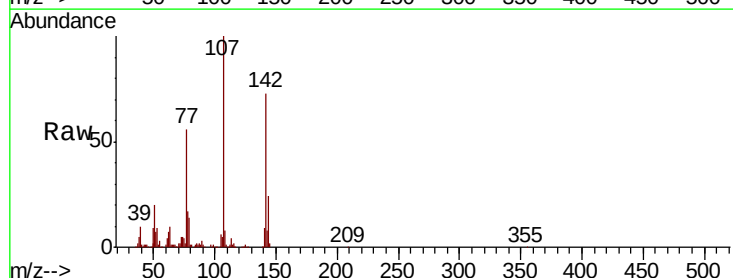
Tgt Ion:107 Resp: 241177

Ion Ratio Lower Upper

107 100

144 24.0 18.0 27.0

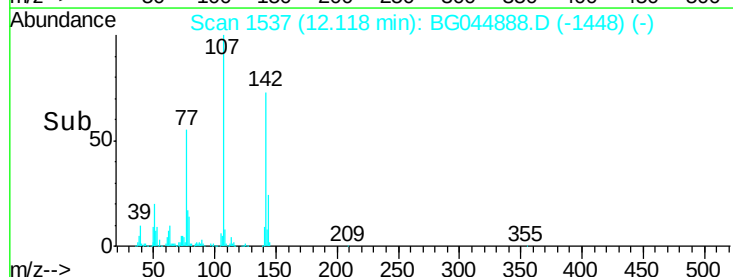
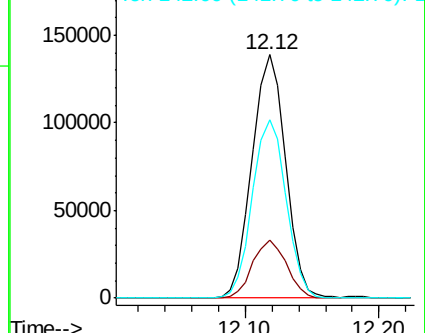
142 73.5 59.0 88.4

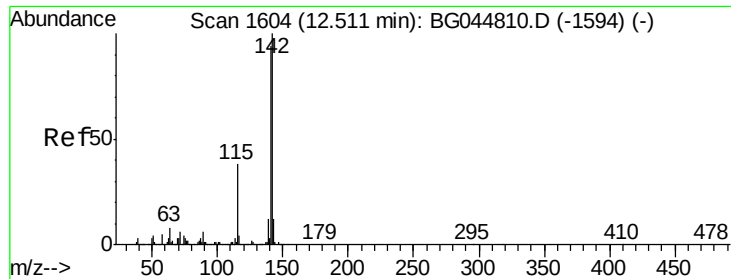


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

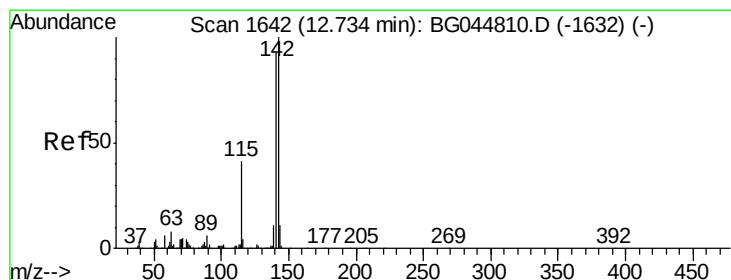
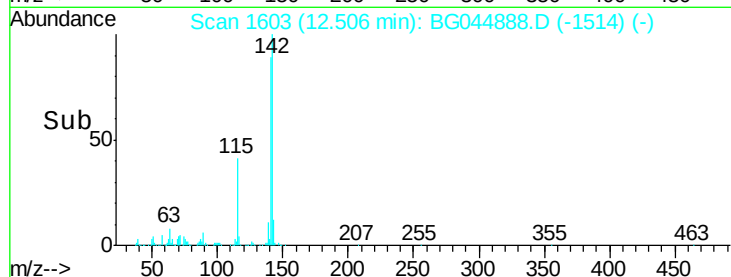
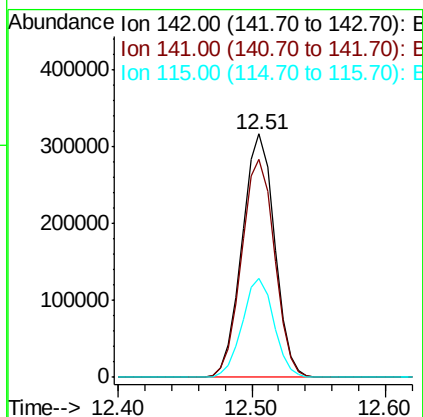
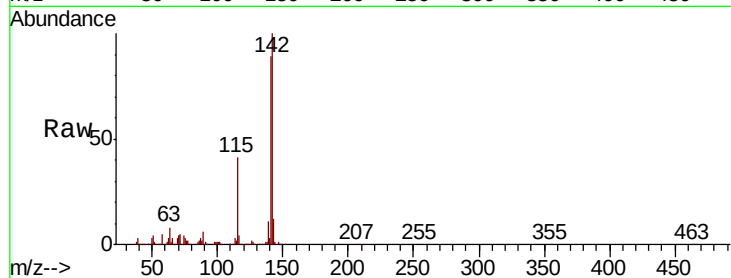




#37
2-Methylnaphthalene
Concen: 41.938 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

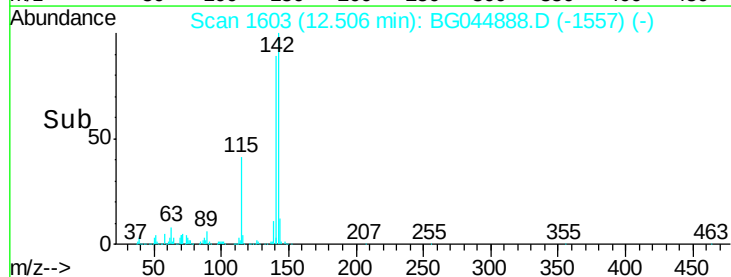
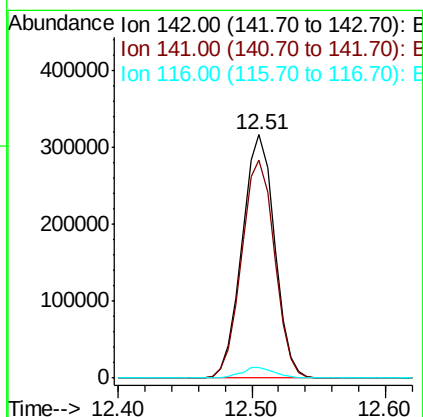
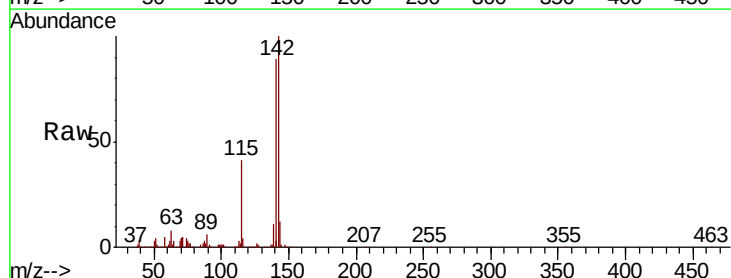
Instrument :
BNA_G
ClientSampleId :

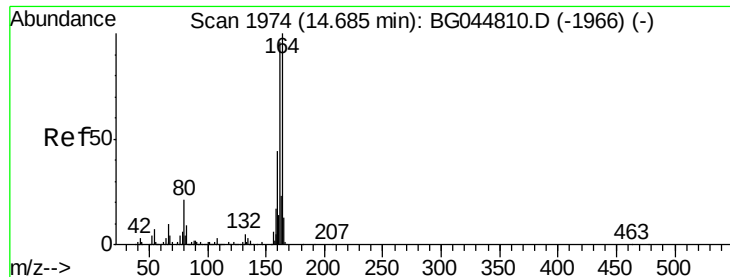
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	75.1	112.7
115	40.7	30.6	46.0



#38
1-Methylnaphthalene
Concen: 44.608 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.23 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.7	112.1
116	4.4	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

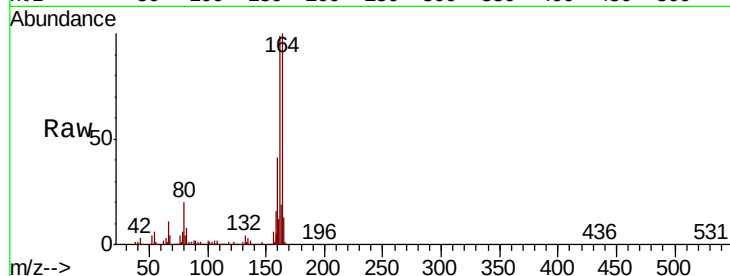
Tot Ion:164 Resp: 205648

Ion Ratio Lower Upper

164 100

162 99.3 76.7 115.1

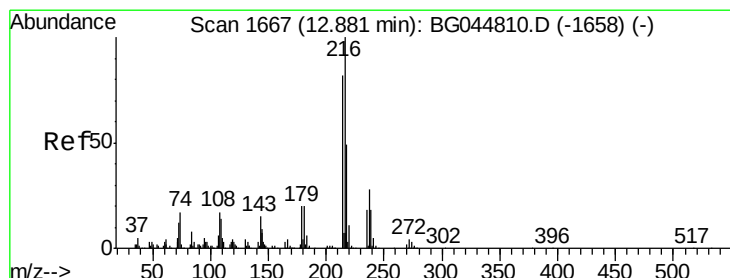
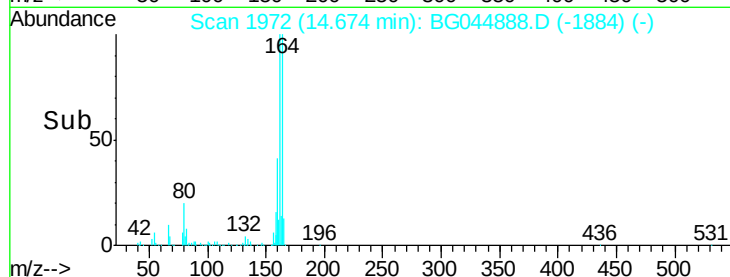
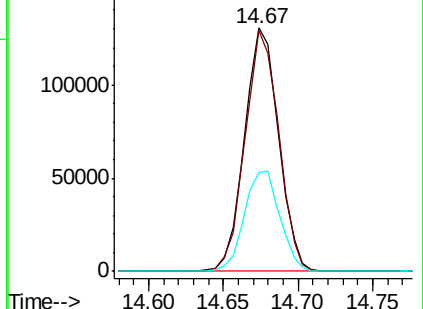
160 40.9 35.0 52.4



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: 41.947 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:216 Resp: 284091

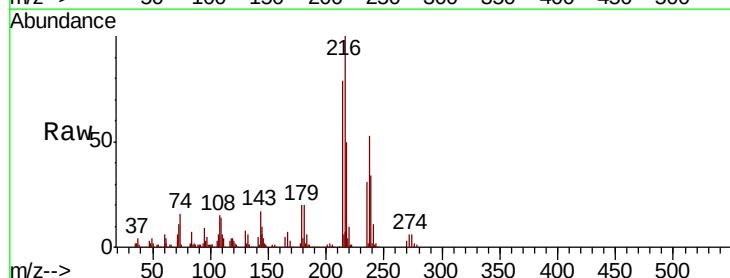
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 19.6 16.2 24.2

108 19.3 14.6 22.0

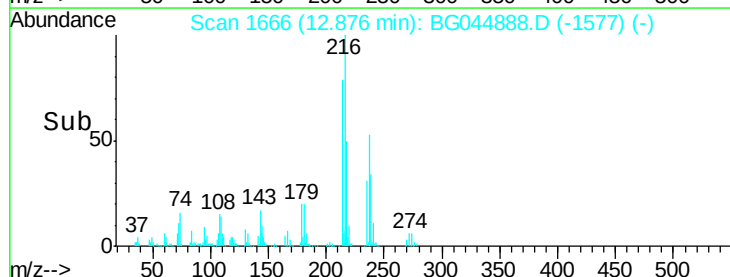
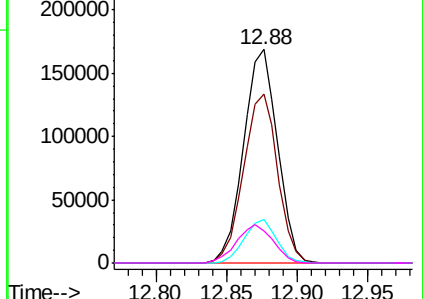


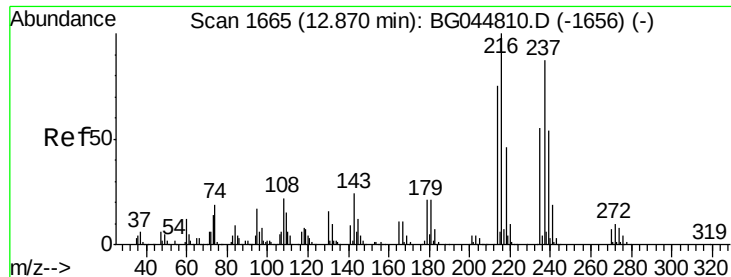
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.561 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampled :

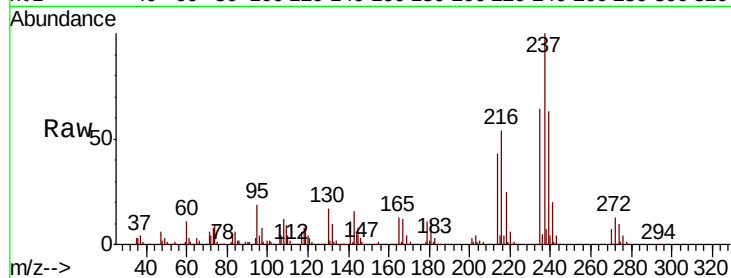
Tot Ion:237 Resp: 349997

Ion Ratio Lower Upper

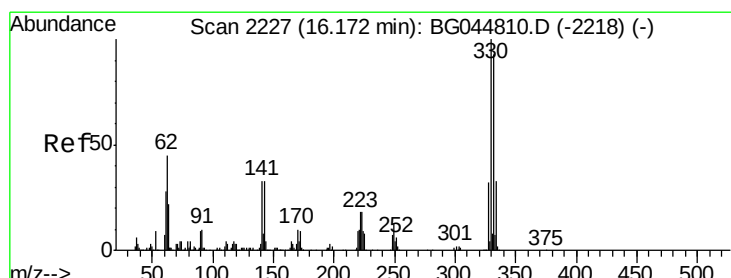
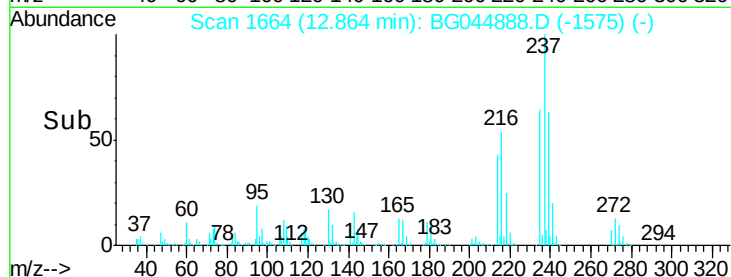
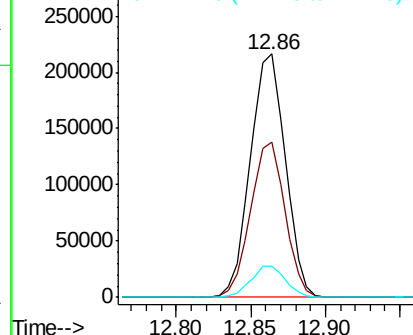
237 100

235 63.7 42.9 82.9

272 13.0 0.0 31.6



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: 140.858 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

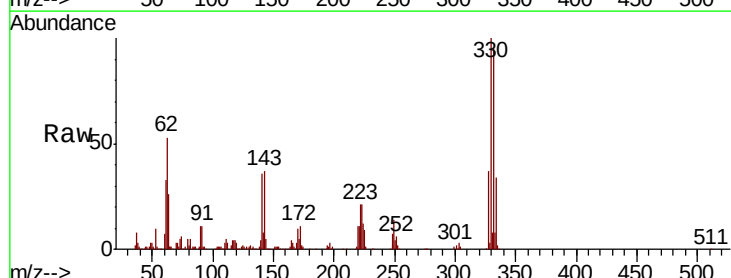
Tgt Ion:330 Resp: 379280

Ion Ratio Lower Upper

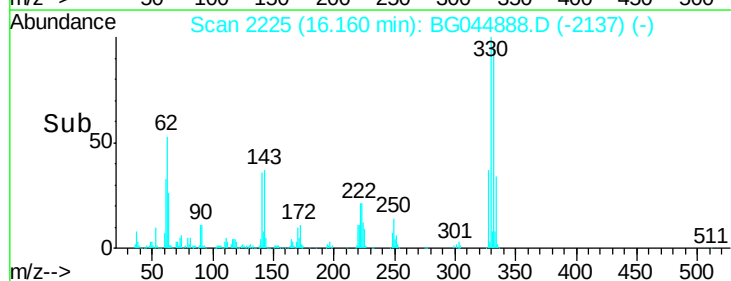
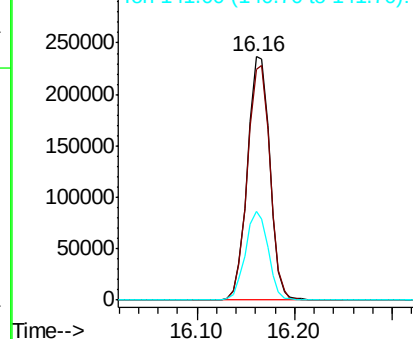
330 100

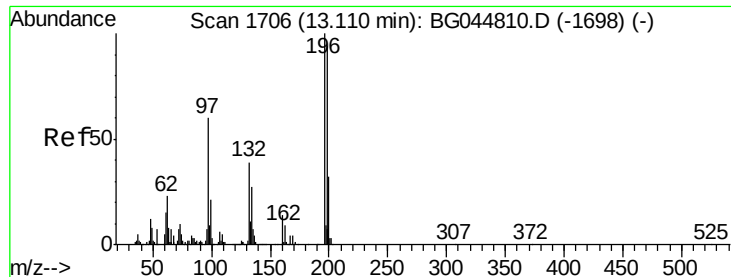
332 97.2 77.8 116.6

141 36.8 29.5 44.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

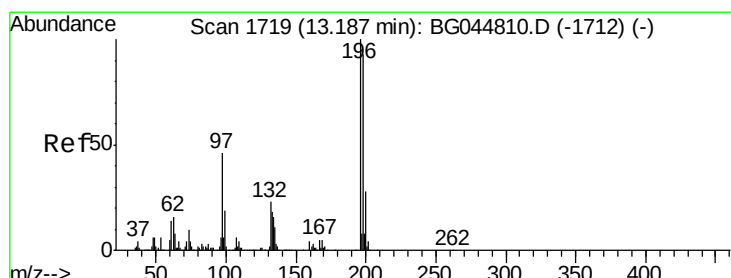
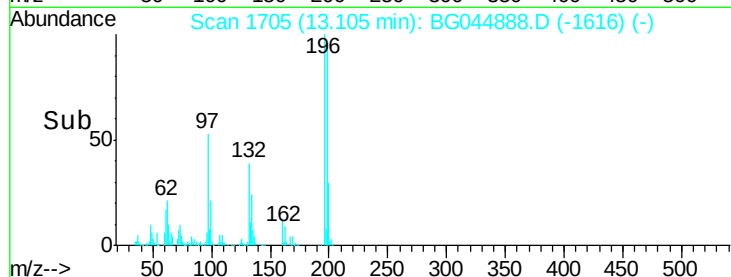
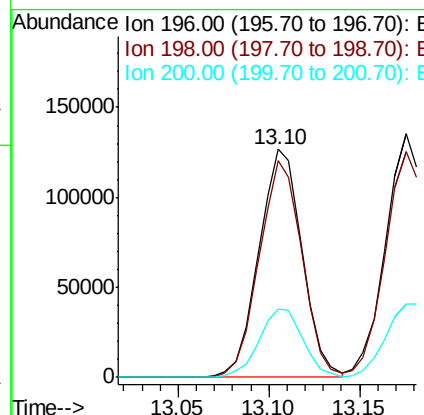
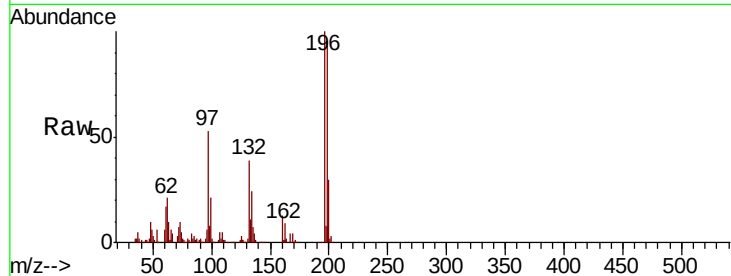




#43
 2,4,6-Trichlorophenol
 Concen: 46.492 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

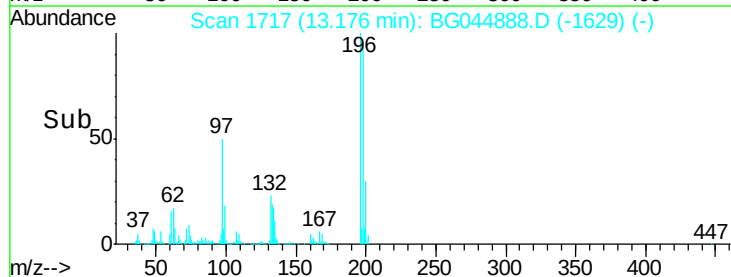
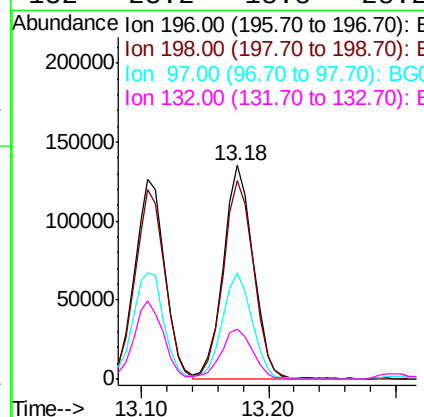
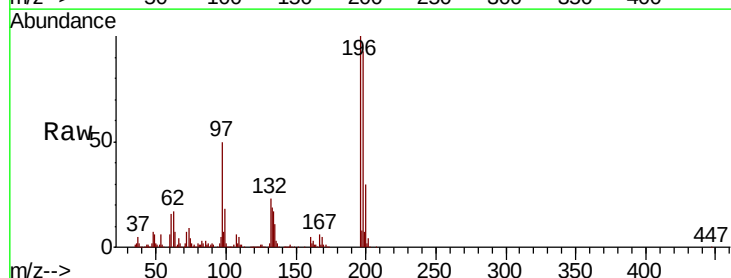
Instrument :
 BNA_G
 ClientSampleId :

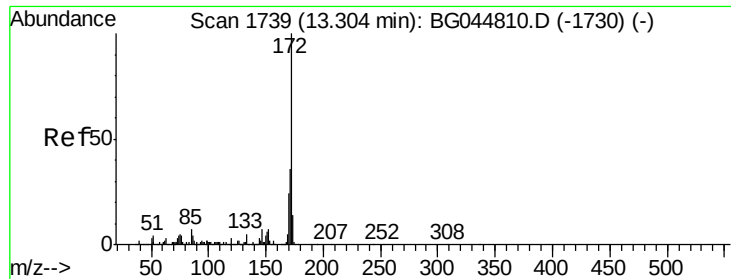
Tot Ion	196	Resp	208964
Ion Ratio	Lower	Upper	
196	100		
198	95.1	74.9	112.3
200	29.8	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.505 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	196	Resp	221432
Ion Ratio	Lower	Upper	
196	100		
198	92.9	74.2	111.4
97	49.7	36.7	55.1
132	23.2	18.8	28.2



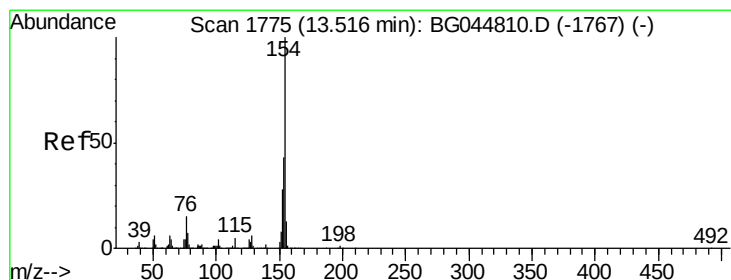
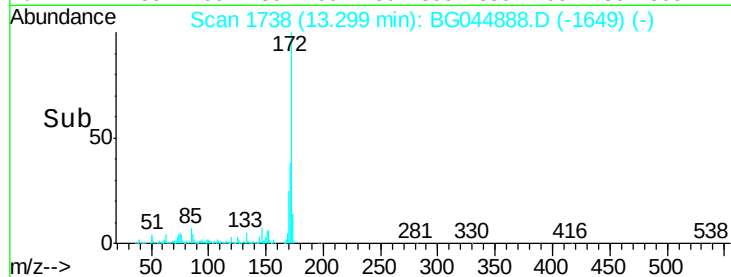
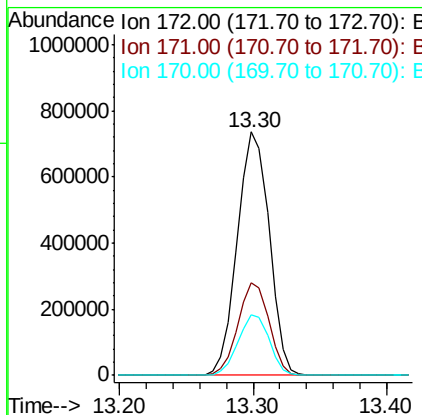
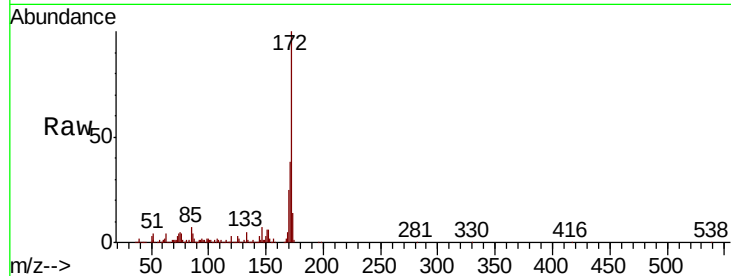


#45
 2-Fluorobiphenyl
 Concen: 84.700 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1216340

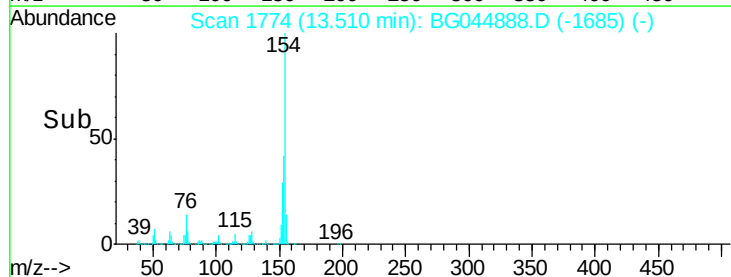
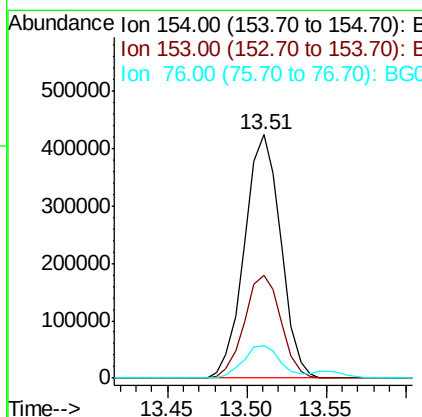
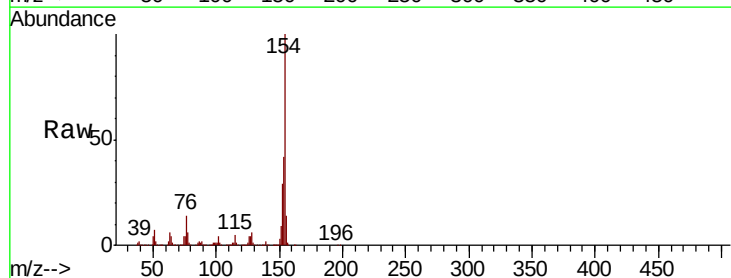
Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.7	43.1
170	24.8	19.0	28.6

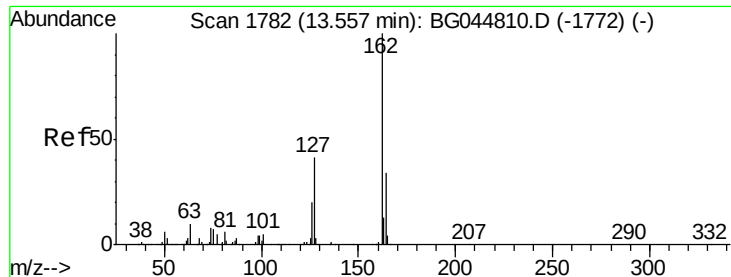


#46
 1,1'-Biphenyl
 Concen: 40.980 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion:154 Resp: 673463

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.9	62.9
76	13.6	0.0	34.6

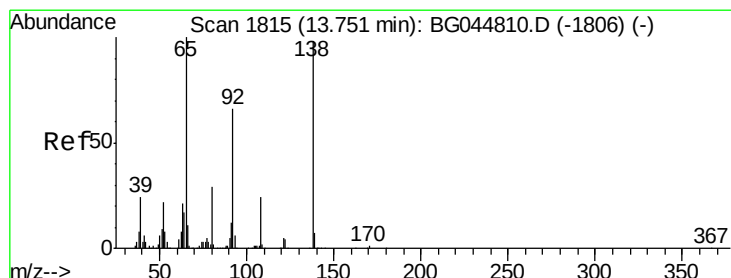
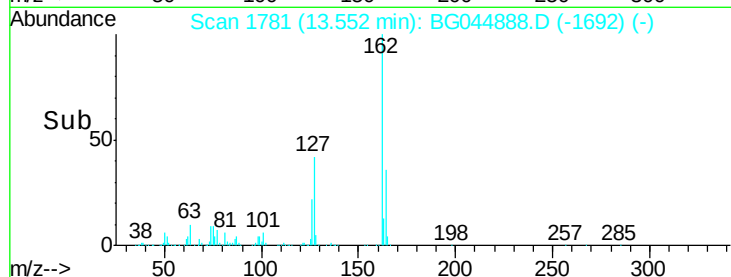
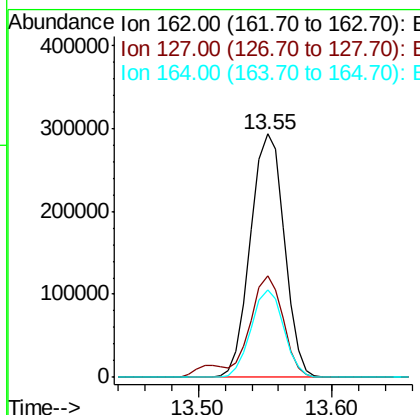
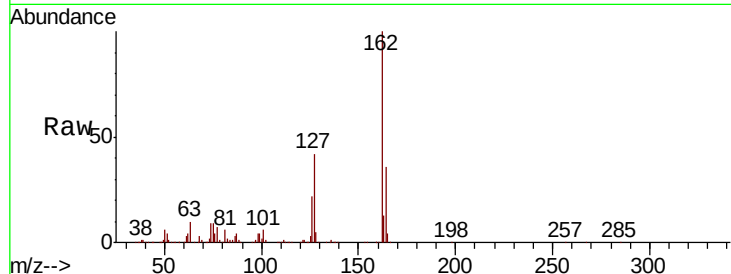




#47
 2-Chloronaphthalene
 Concen: 40.797 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

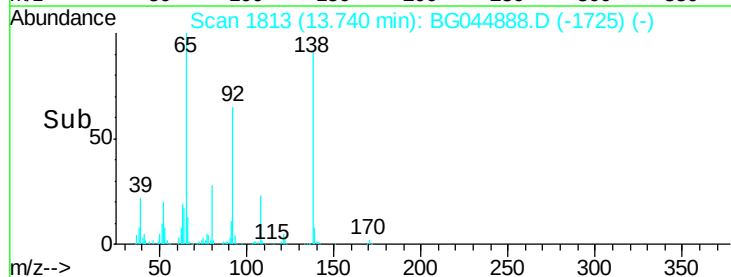
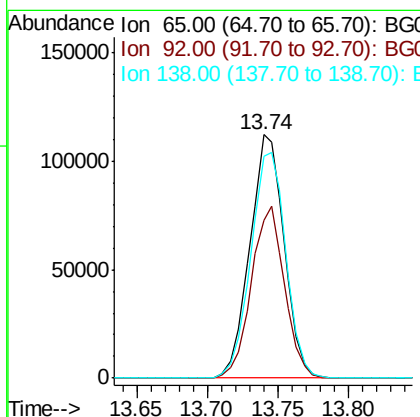
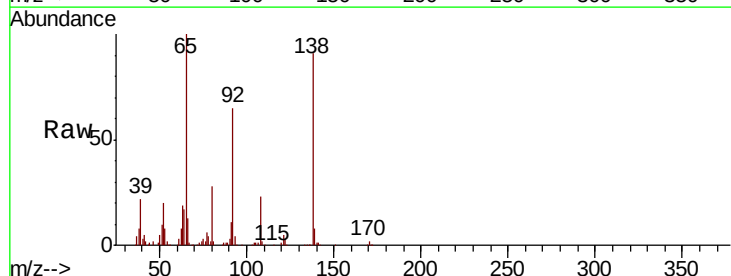
Instrument :
 BNA_G
 ClientSampleId :

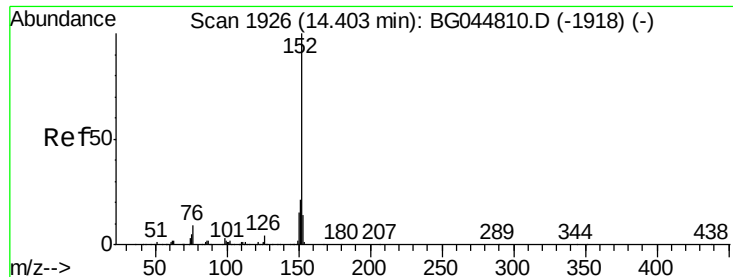
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.1	49.7
164	36.2	27.4	41.2



#48
 2-Nitroaniline
 Concen: 43.576 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	52.6	79.0
138	91.0	78.3	117.5





#49

Acenaphthylene

Concen: 43.777 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

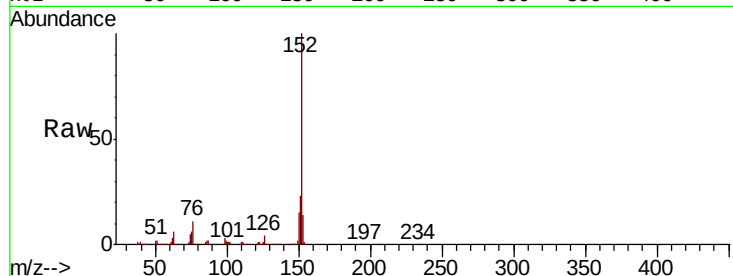
Tot Ion:152 Resp: 860998

Ion Ratio Lower Upper

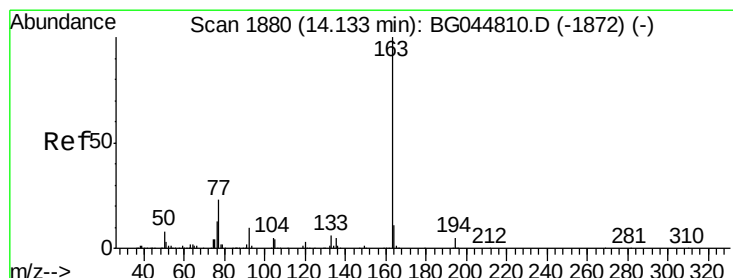
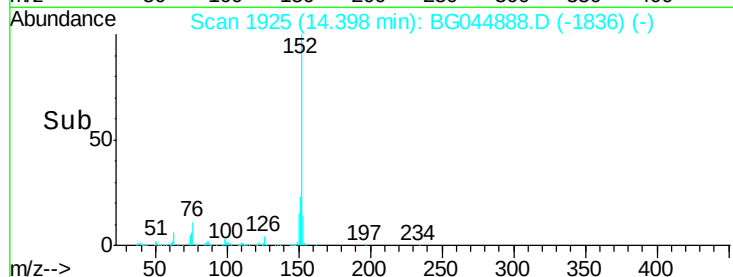
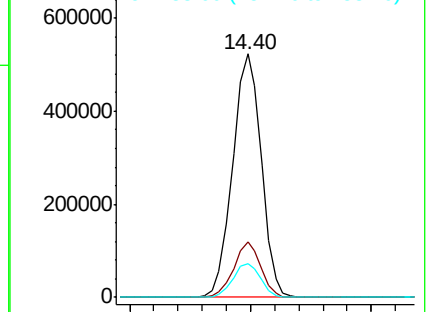
152 100

151 22.8 16.8 25.2

153 13.6 10.8 16.2



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: 49.101 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

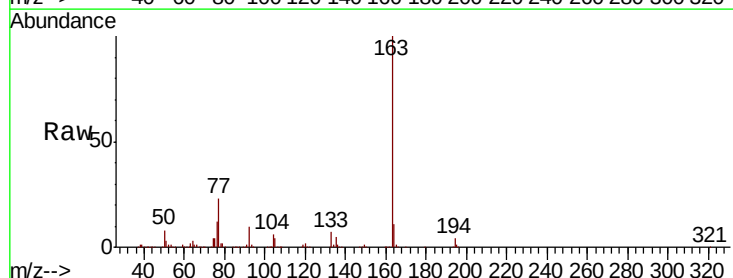
Tgt Ion:163 Resp: 804217

Ion Ratio Lower Upper

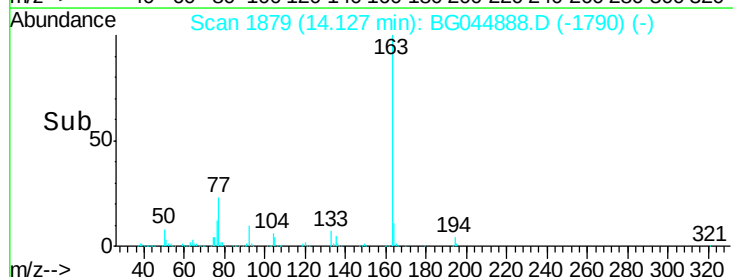
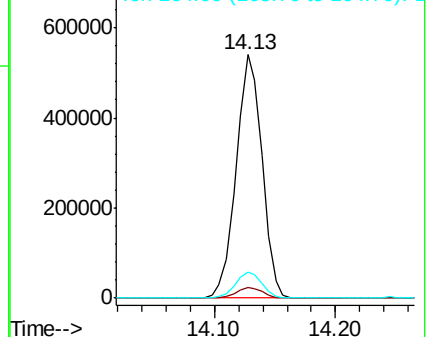
163 100

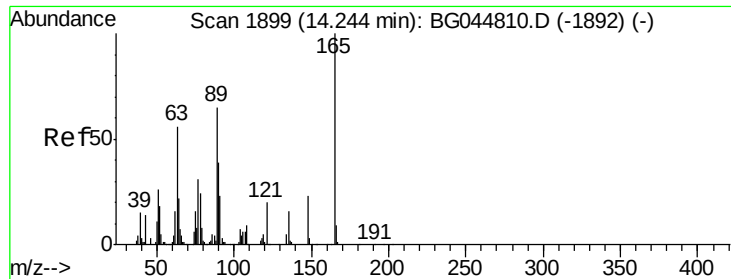
194 4.3 3.7 5.5

164 10.9 9.1 13.7



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

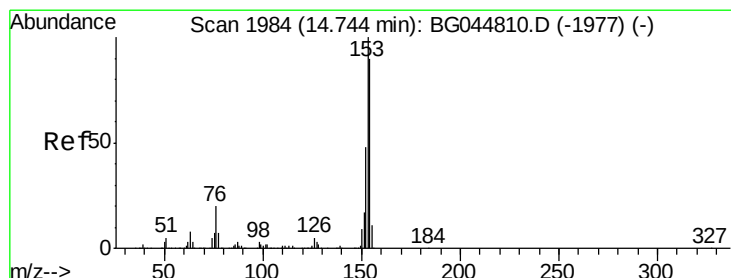
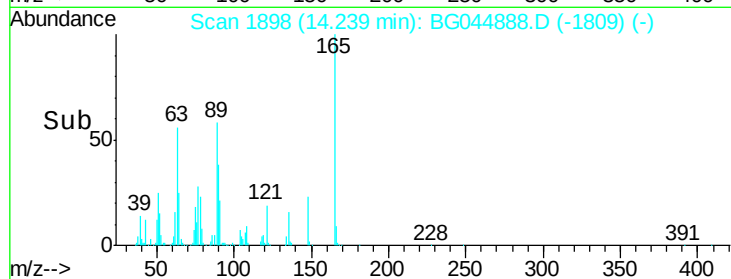
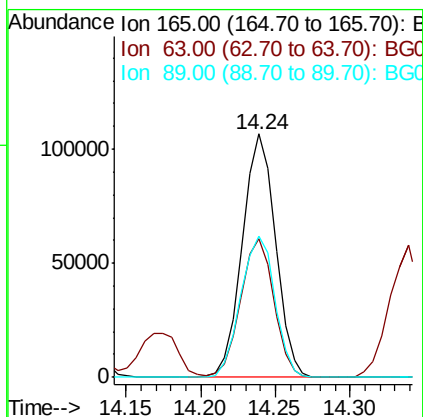
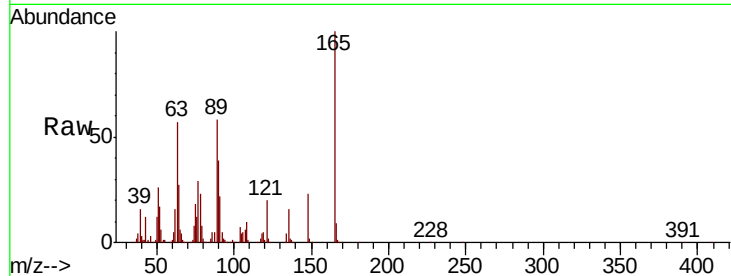




#51
 2,6-Dinitrotoluene
 Concen: 49.761 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

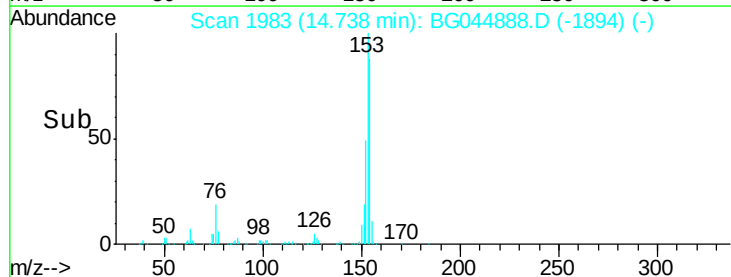
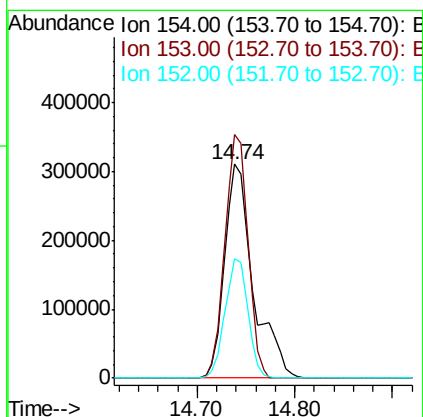
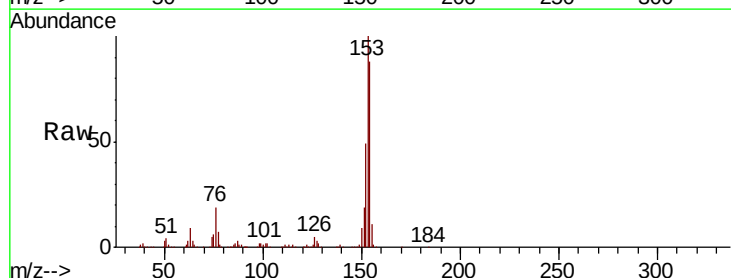
Instrument :
 BNA_G
 ClientSampled :

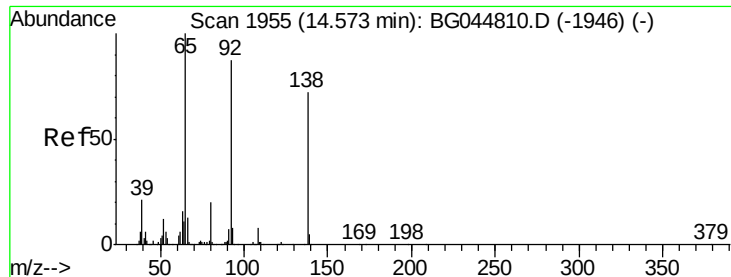
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	45.8	68.8
89	57.9	51.8	77.6



#52
 Acenaphthene
 Concen: 49.179 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.0	133.6
152	56.0	43.0	64.6

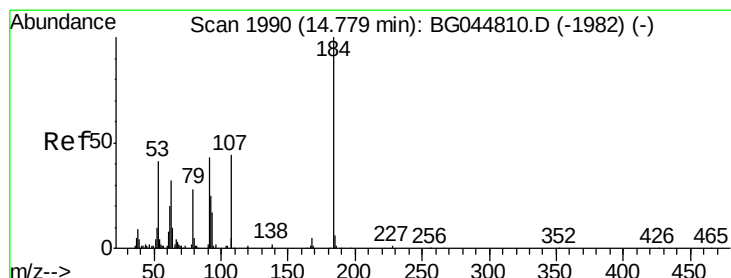
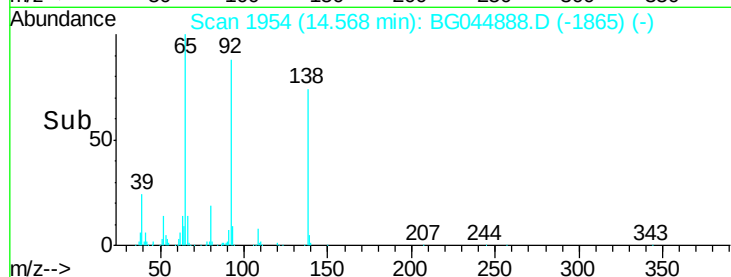
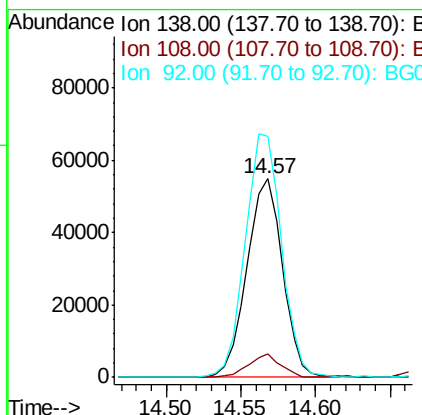
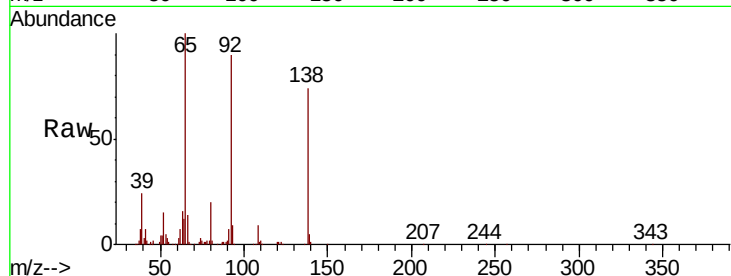




#53
 3-Nitroaniline
 Concen: 23.837 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

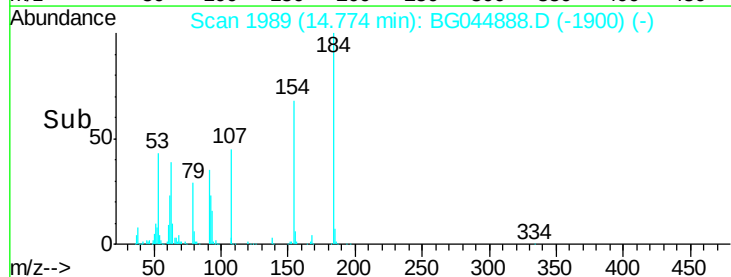
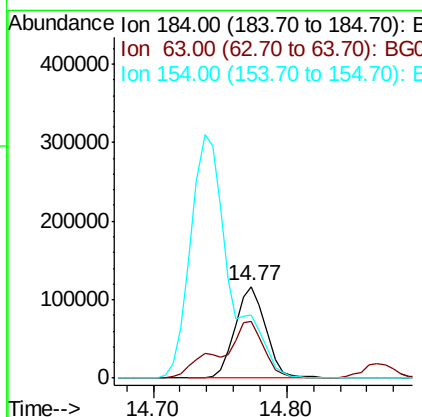
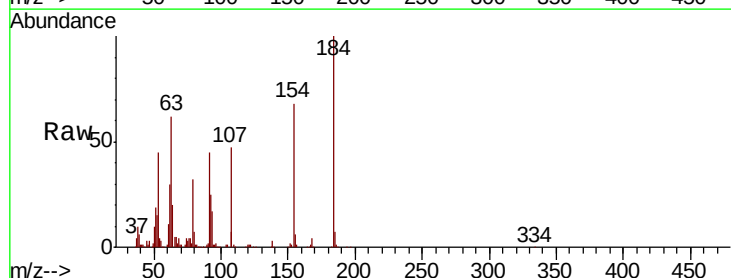
Instrument :
 BNA_G
 ClientSampleId :

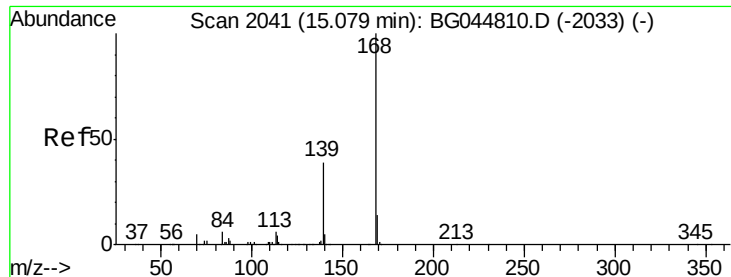
Tot Ion:138 Resp: 90479
 Ion Ratio Lower Upper
 138 100
 108 12.0 9.0 13.4
 92 121.6 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 105.006 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion:184 Resp: 186166
 Ion Ratio Lower Upper
 184 100
 63 61.7 45.5 68.3
 154 68.4 49.1 73.7

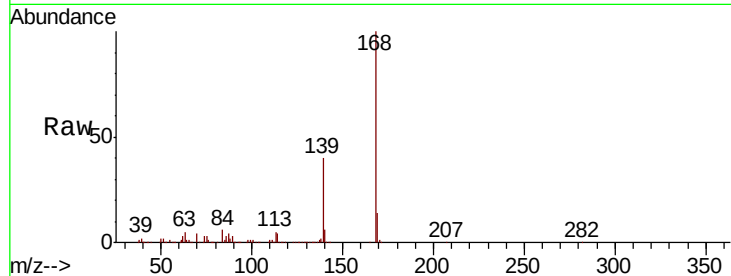




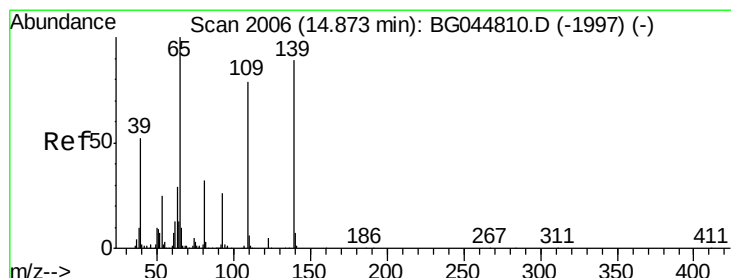
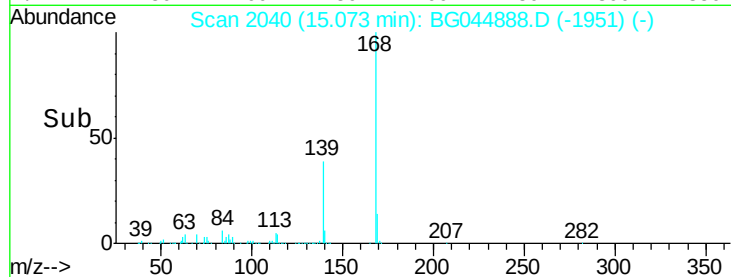
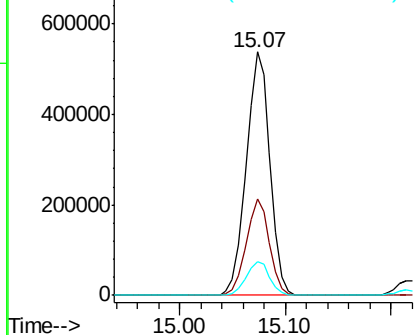
#55
Dibenzenofuran
Concen: 44.627 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.4	47.0
169	13.8	11.1	16.7

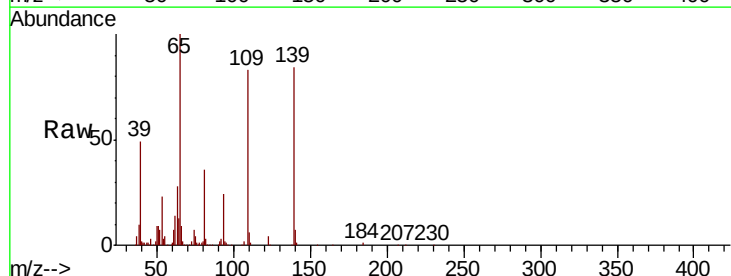


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

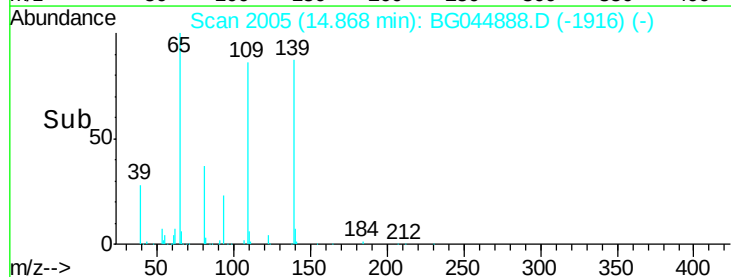
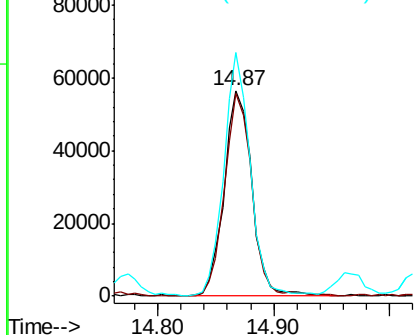


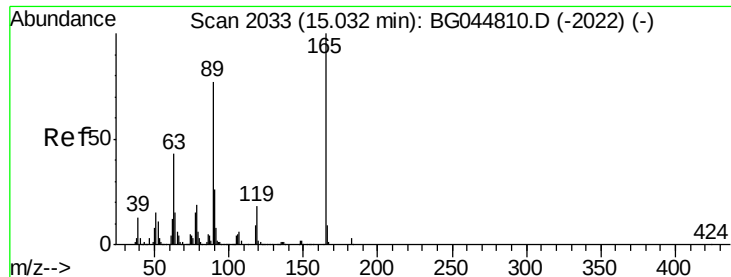
#56
4-Nitrophenol
Concen: 32.539 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.3	68.8	108.8
65	118.4	92.5	132.5



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

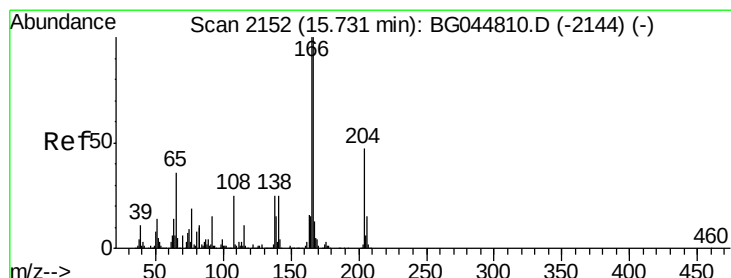
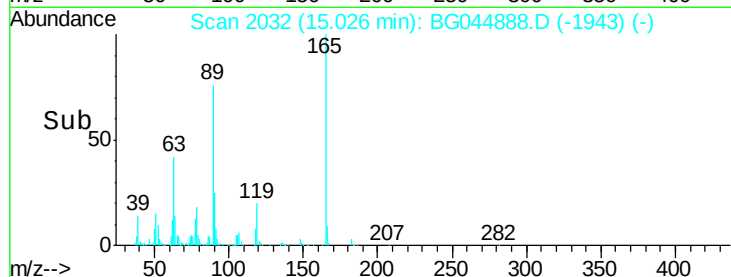
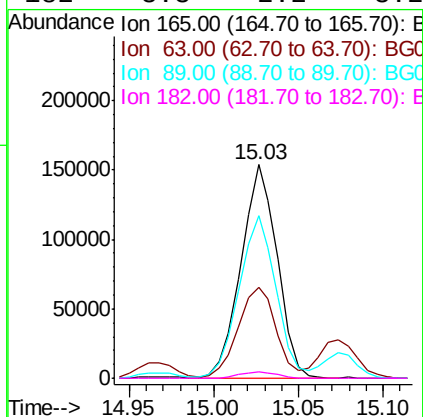
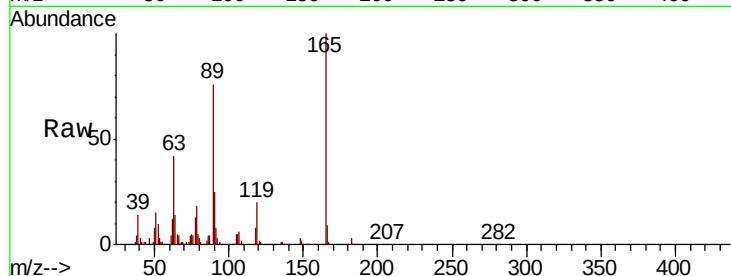




#57
2,4-Dinitrotoluene
Concen: 50.224 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

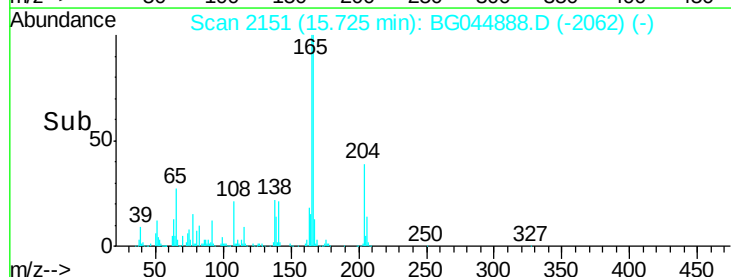
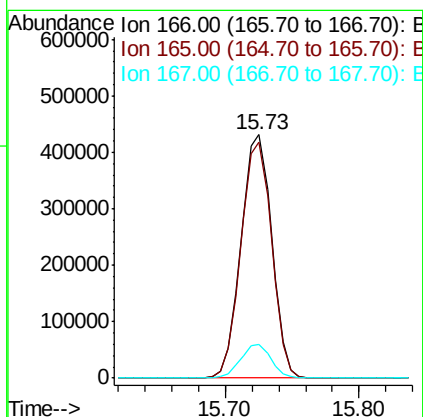
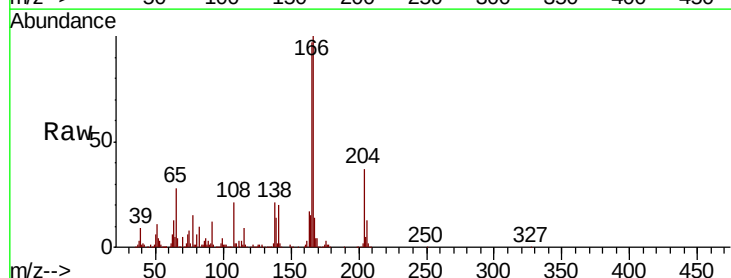
Instrument :
BNA_G
ClientSampleId :

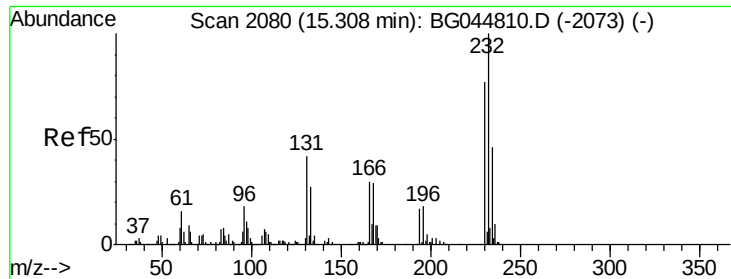
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	34.6	52.0
89	76.3	61.3	91.9
182	3.3	2.2	3.2#



#58
Fluorene
Concen: 44.470 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.7	119.5
167	14.1	10.6	16.0

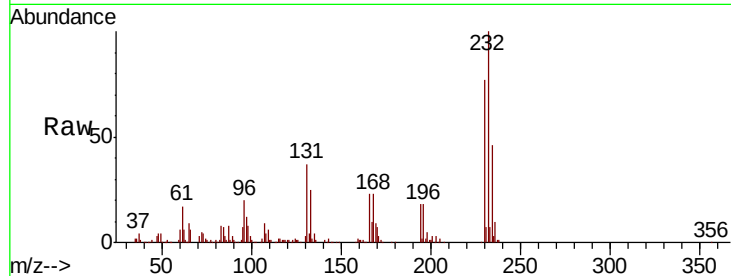




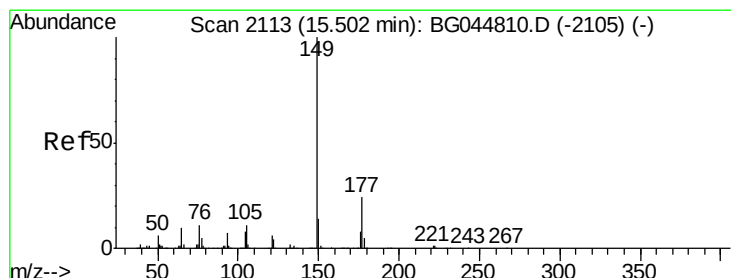
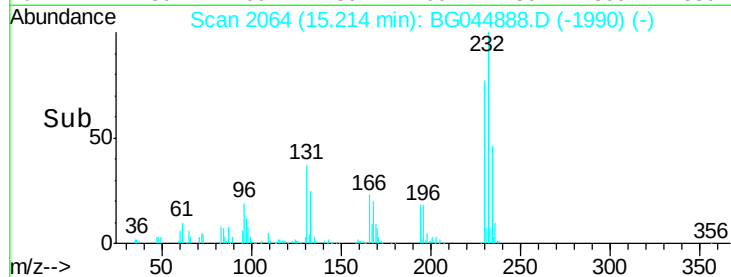
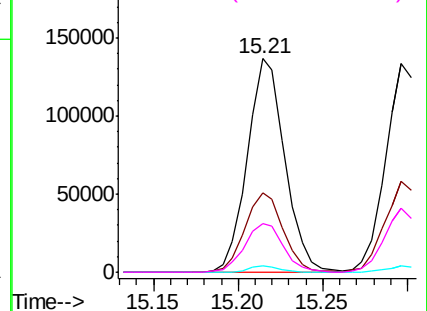
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.267 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.09 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	211429
Ion	Ratio	Lower	Upper
232	100		
131	37.9	31.8	47.8
130	2.3	2.2	3.2
166	23.5	20.2	30.2

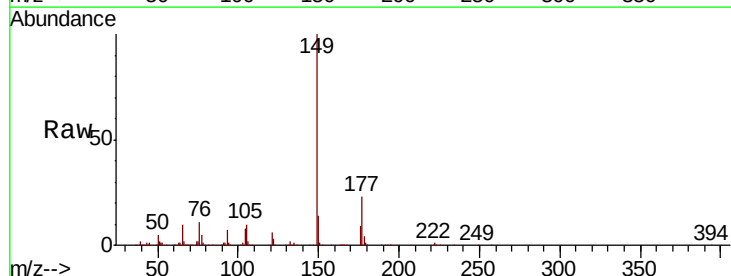


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

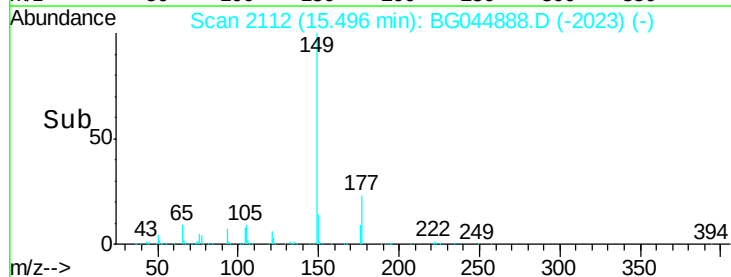
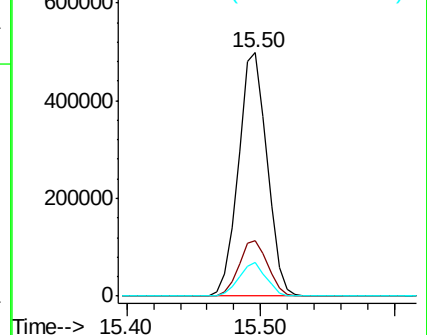


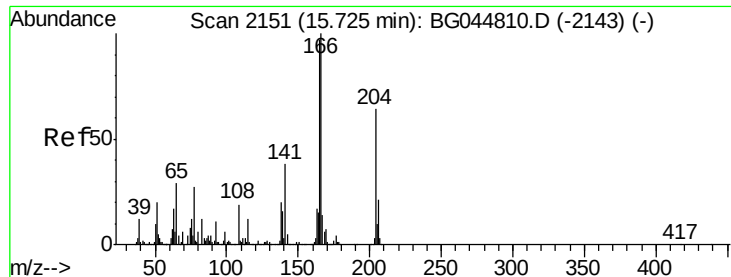
#60
 Diethylphthalate
 Concen: 43.360 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion:	149	Resp:	740726
Ion	Ratio	Lower	Upper
149	100		
177	22.7	19.3	28.9
150	13.7	11.0	16.6



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

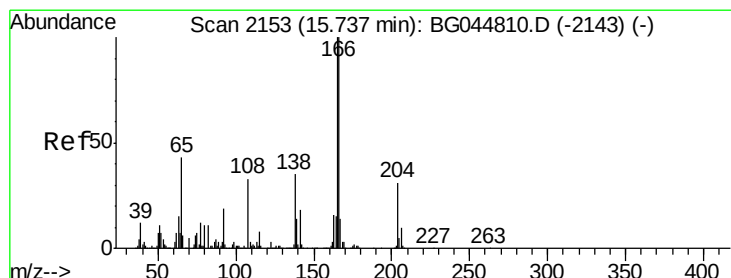
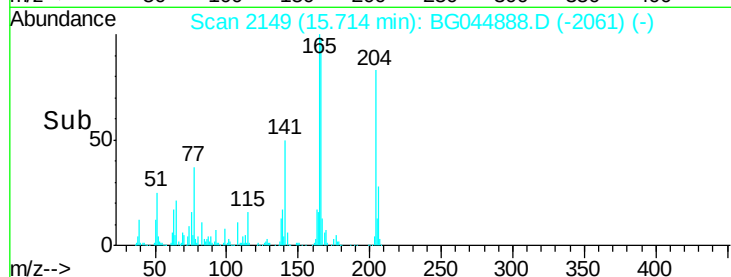
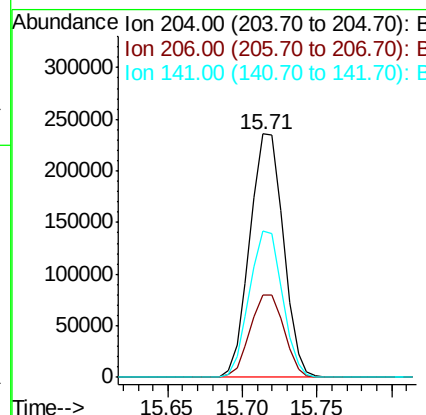
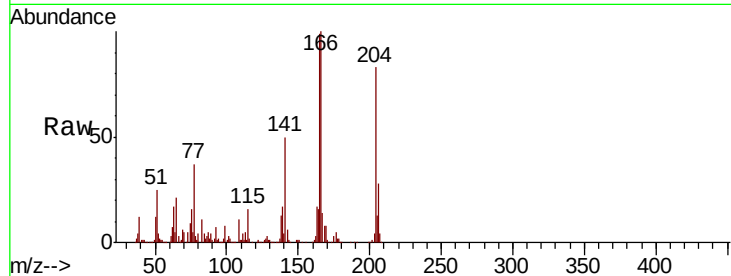




#61
 4-Chlorophenyl-phenylether
 Concen: 44.219 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

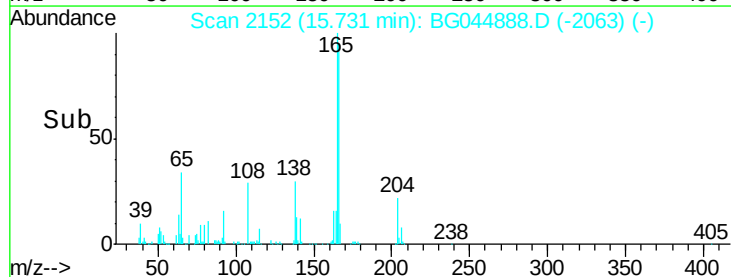
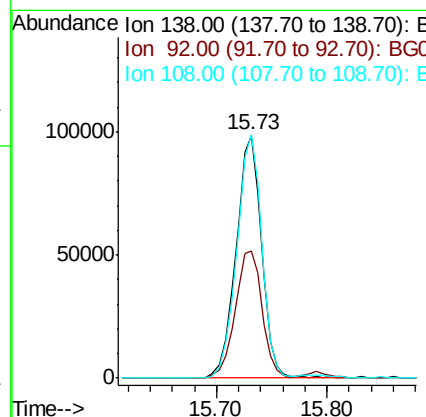
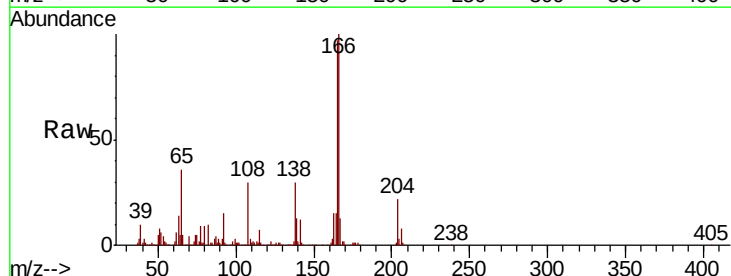
Instrument :
 BNA_G
 ClientSampleId :

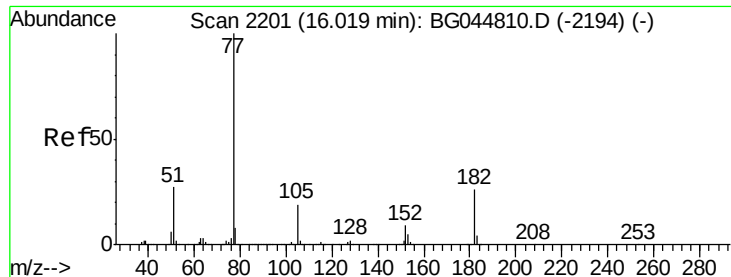
Tot Ion:204 Resp: 365846
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.2 39.2
 141 60.2 47.7 71.5



#62
 4-Nitroaniline
 Concen: 39.443 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion:138 Resp: 159641
 Ion Ratio Lower Upper
 138 100
 92 52.5 34.5 74.5
 108 100.4 74.5 114.5





#63

Azobenzene

Concen: 41.345 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 733466

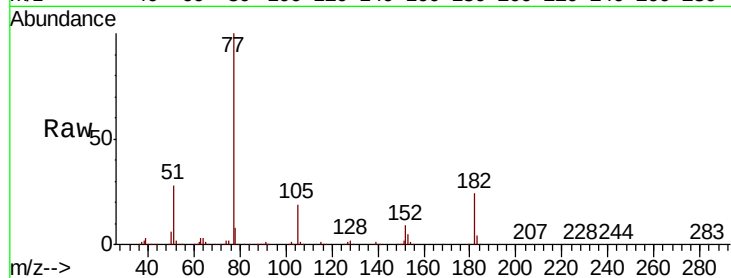
Ion Ratio Lower Upper

77 100

182 24.5 6.4 46.4

105 19.1 0.0 39.1

51 28.2 7.3 47.3

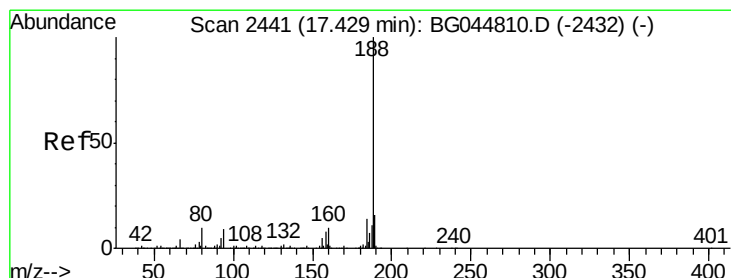
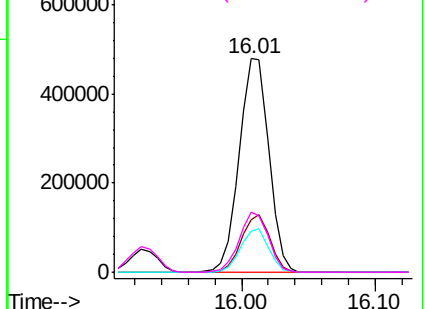
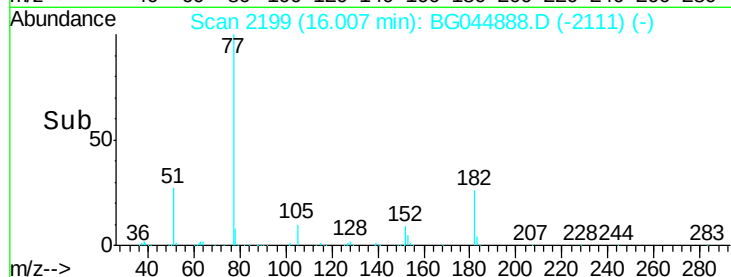


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

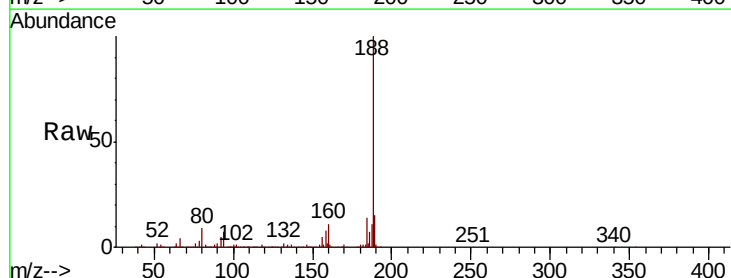
Tgt Ion: 188 Resp: 480414

Ion Ratio Lower Upper

188 100

94 7.3 7.3 10.9

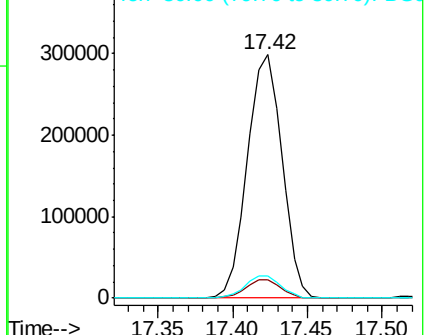
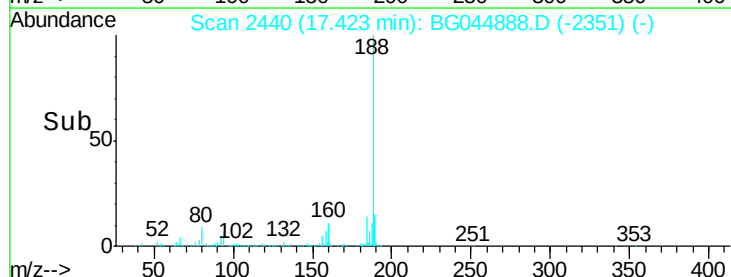
80 9.1 8.0 12.0

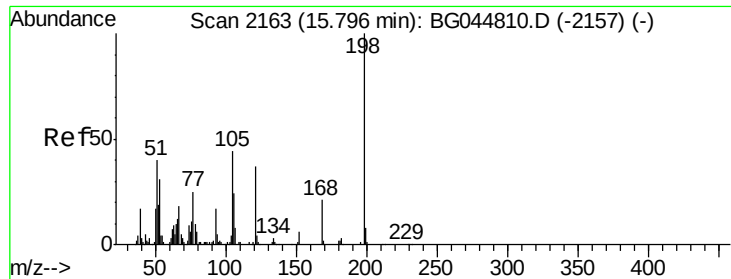


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 59.623 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

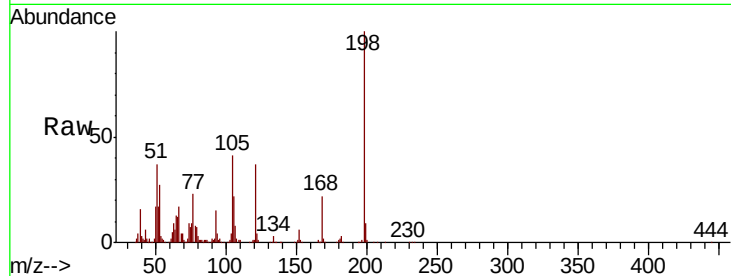
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 139835

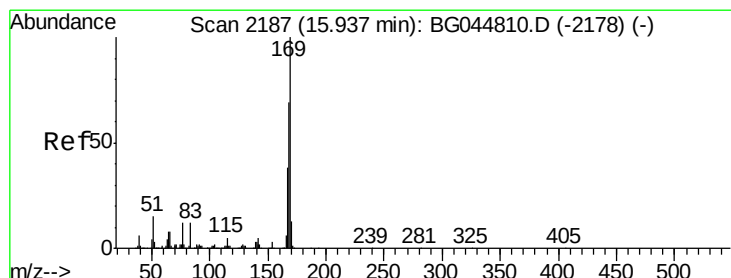
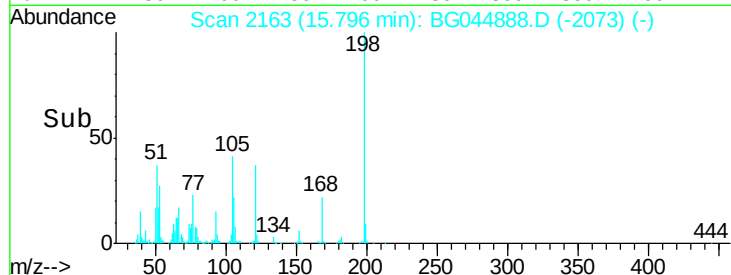
Ion	Ratio	Lower	Upper
198	100		
51	36.7	21.1	61.1
105	41.2	24.5	64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044888.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.025 ng

RT: 15.93 min Scan# 2185

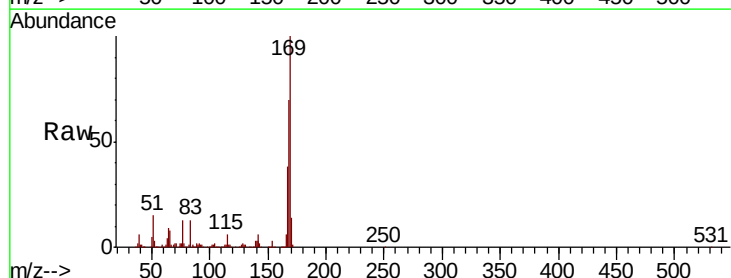
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:169 Resp: 607845

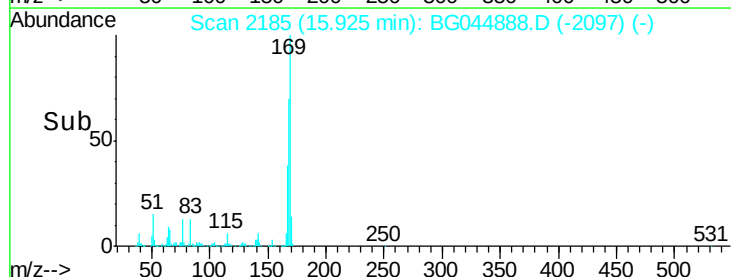
Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.4	83.2
167	38.4	30.1	45.1

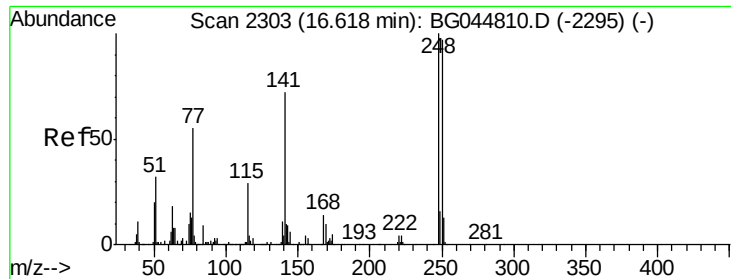


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

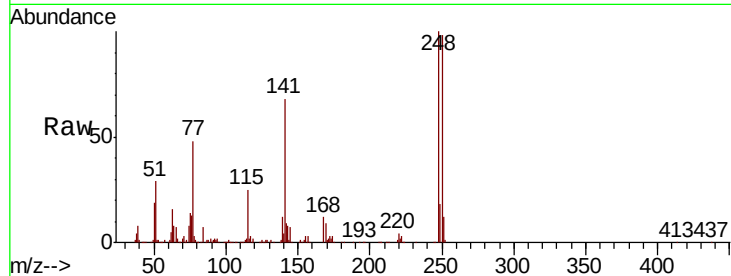




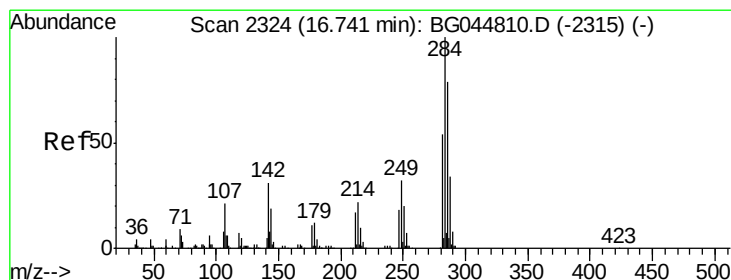
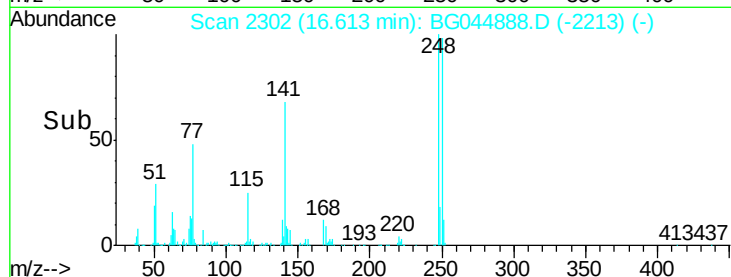
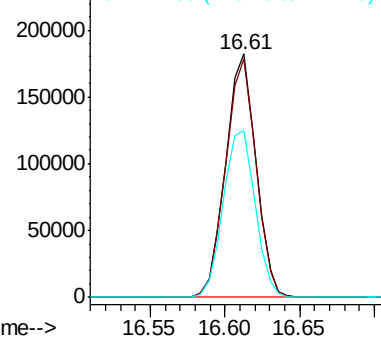
#67
4-Bromophenyl-phenylether
Concen: 42.466 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.9	116.9
141	68.4	57.5	86.3

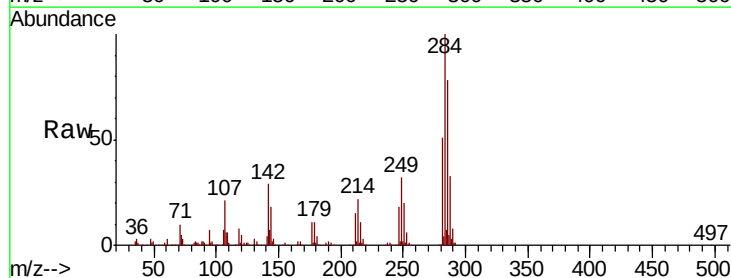


Abundance Ion 248.00 (247.70 to 248.70): E
250000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

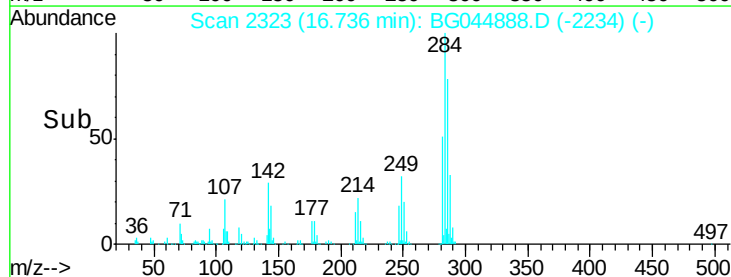
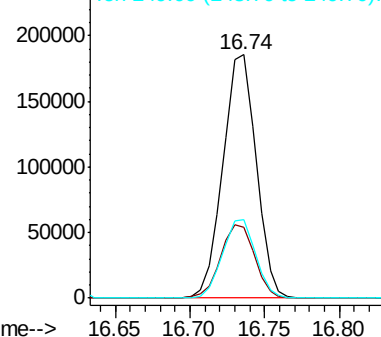


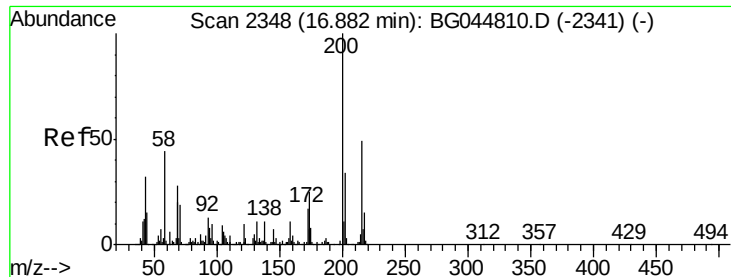
#68
Hexachlorobenzene
Concen: 43.809 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.0	37.6
249	32.3	25.8	38.8



Abundance Ion 283.80 (283.50 to 284.50): E
250000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.117 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampled :

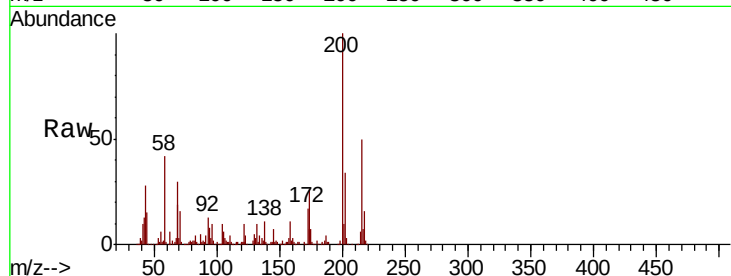
Tot Ion:200 Resp: 249680

Ion Ratio Lower Upper

200 100

173 25.7 5.3 45.3

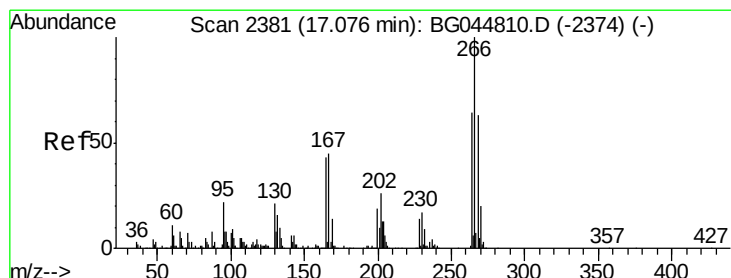
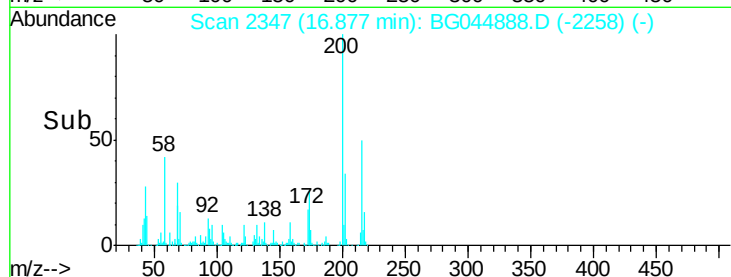
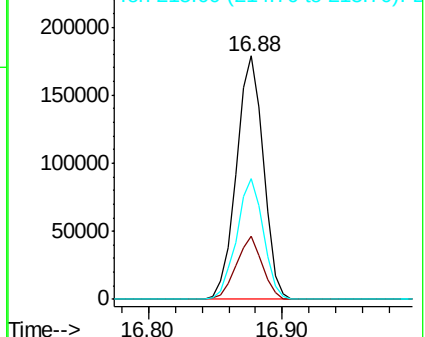
215 49.6 28.9 68.9



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: 99.547 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

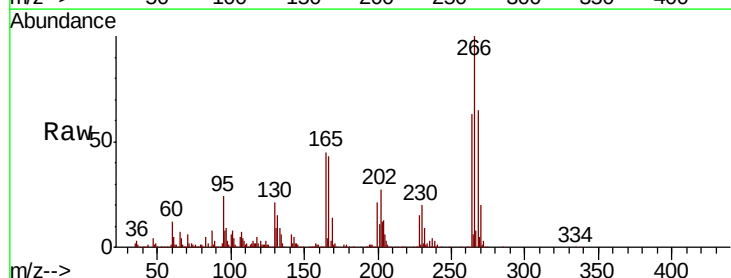
Tgt Ion:266 Resp: 356878

Ion Ratio Lower Upper

266 100

268 64.7 50.3 75.5

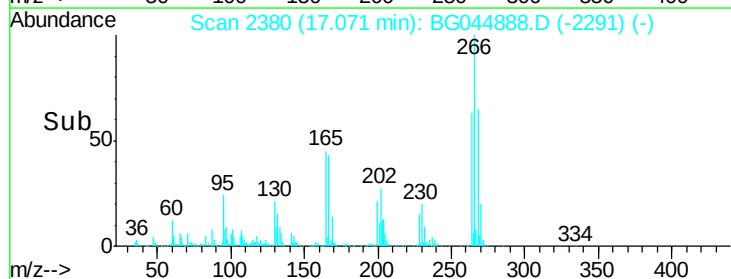
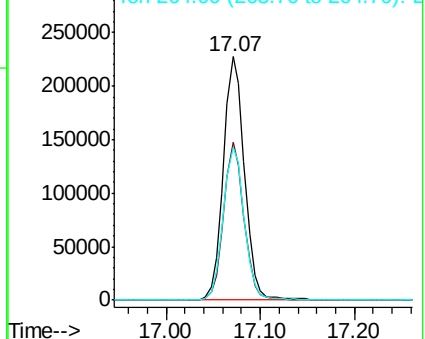
264 63.0 51.4 77.2

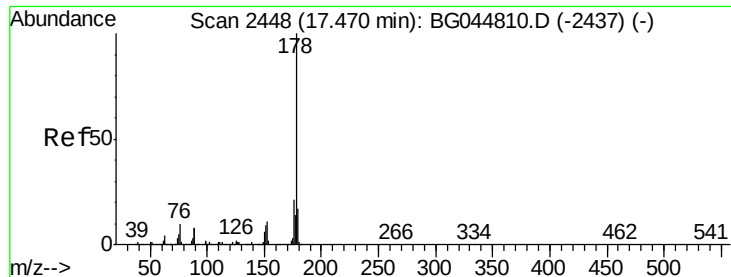


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.223 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampled :

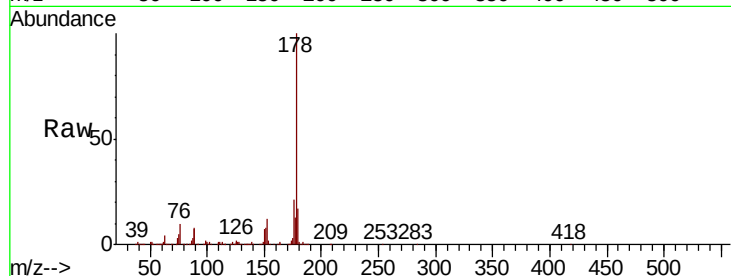
Tot Ion:178 Resp: 1109638

Ion Ratio Lower Upper

178 100

176 21.4 16.6 24.8

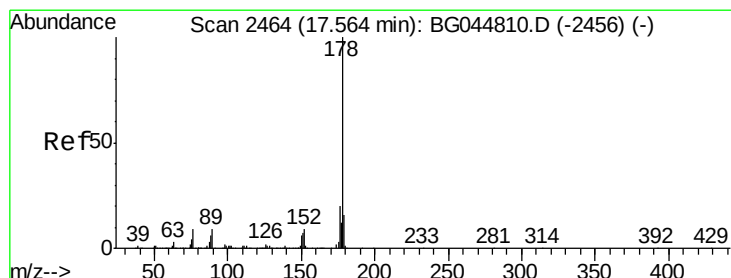
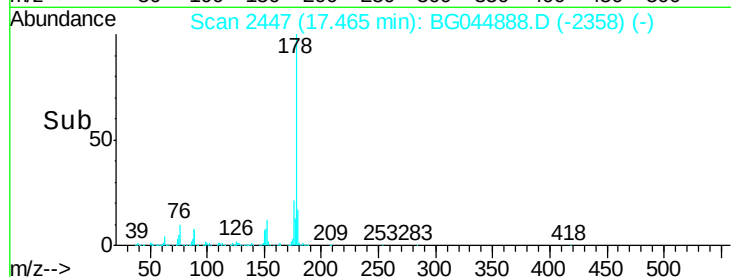
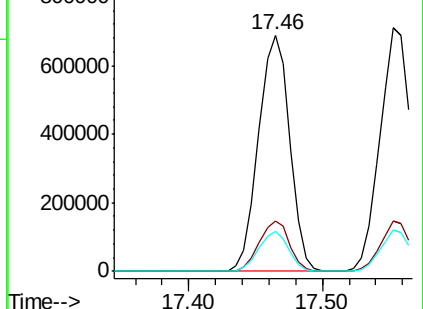
179 17.1 13.5 20.3



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: 44.573 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

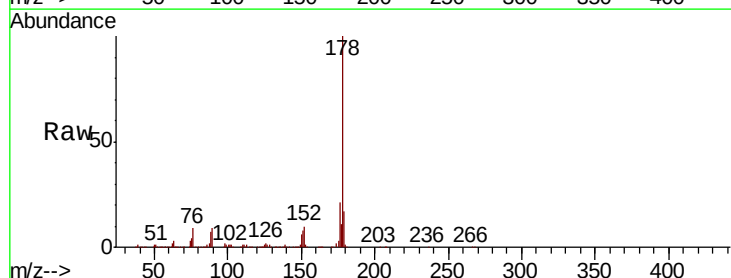
Tgt Ion:178 Resp: 1128353

Ion Ratio Lower Upper

178 100

176 20.6 15.9 23.9

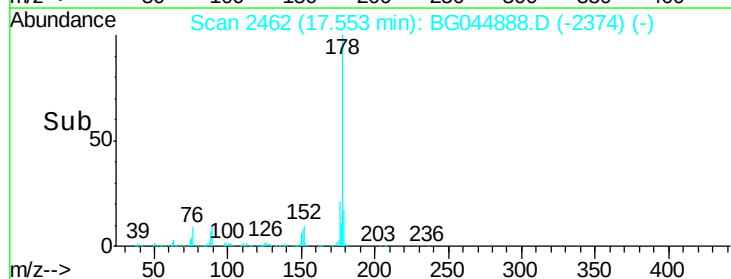
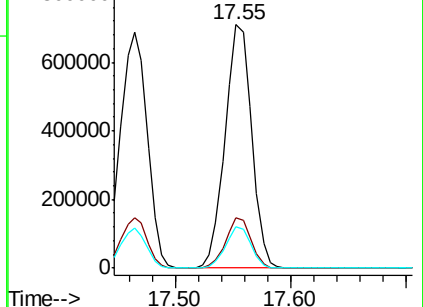
179 16.9 13.2 19.8

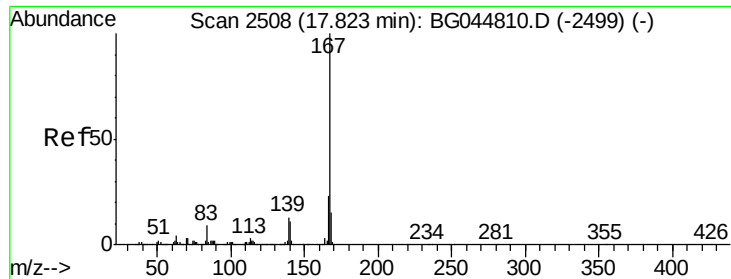


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

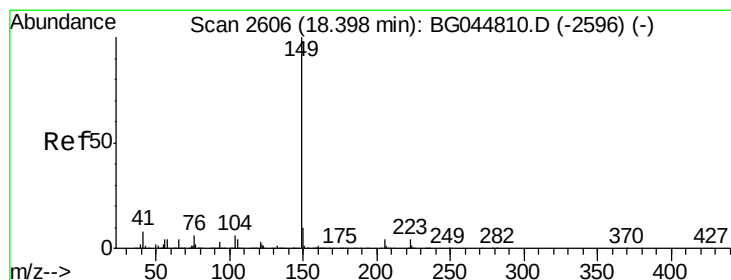
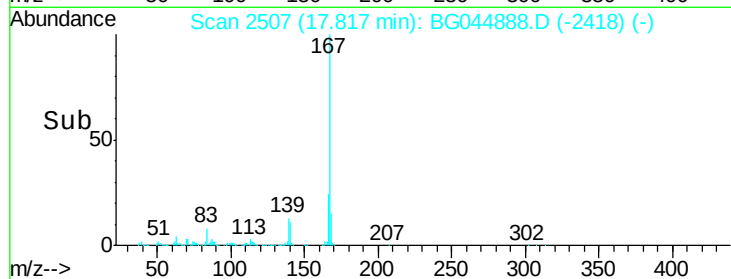
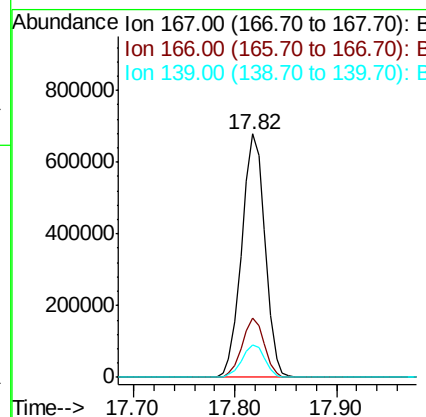
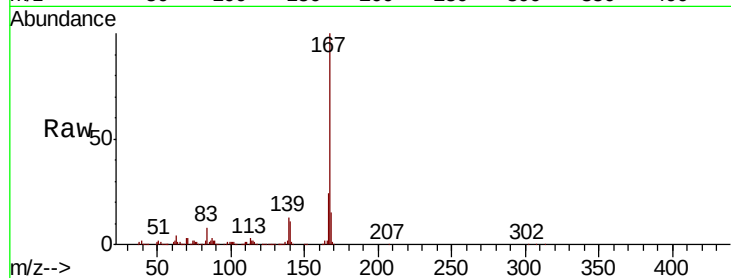




#73
 Carbazole
 Concen: 44.449 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

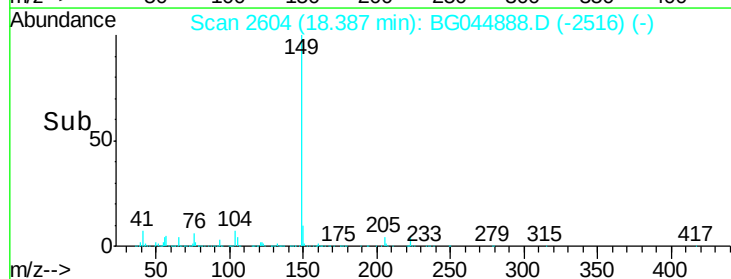
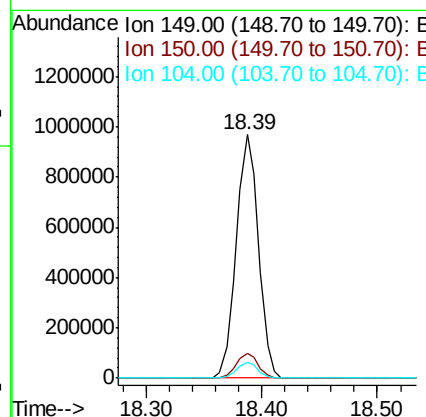
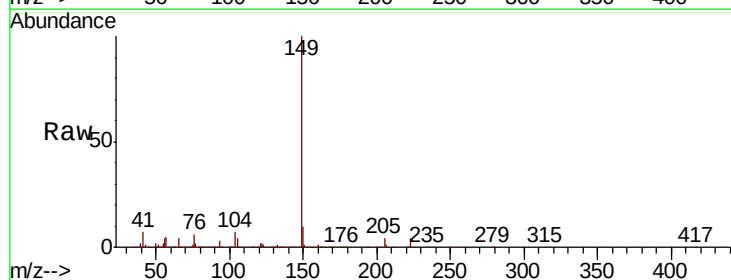
Instrument :
 BNA_G
 ClientSampled :

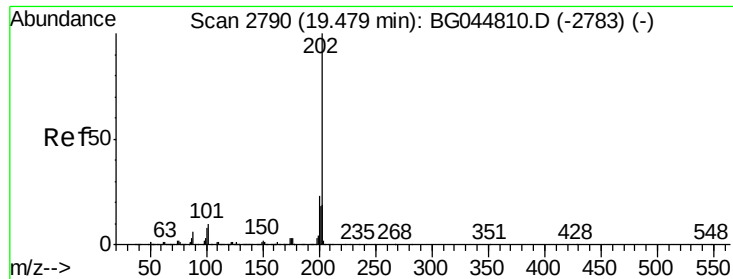
Tot Ion:167 Resp: 1080839
 Ion Ratio Lower Upper
 167 100
 166 24.4 18.8 28.2
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.479 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion:149 Resp: 1285204
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 46.196 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

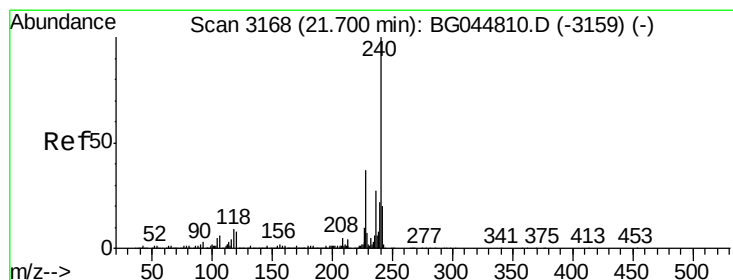
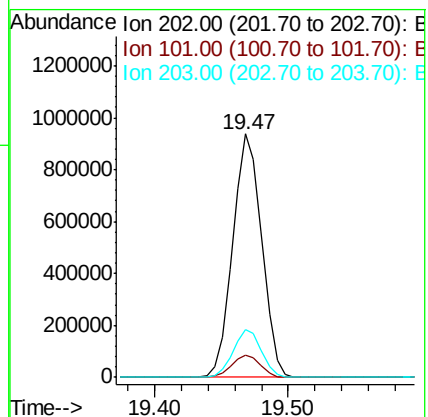
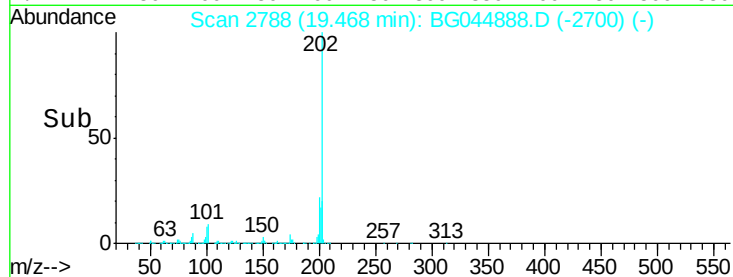
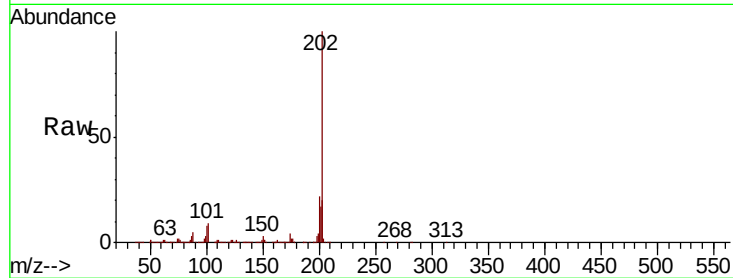
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1412104

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.8
203	19.6	0.0	39.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

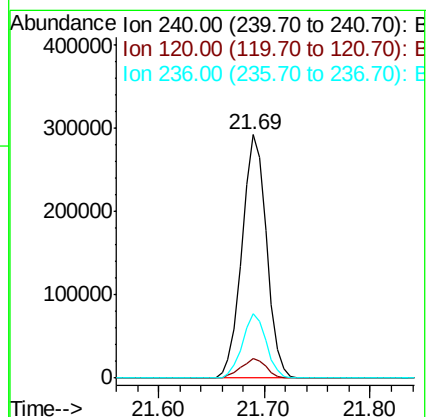
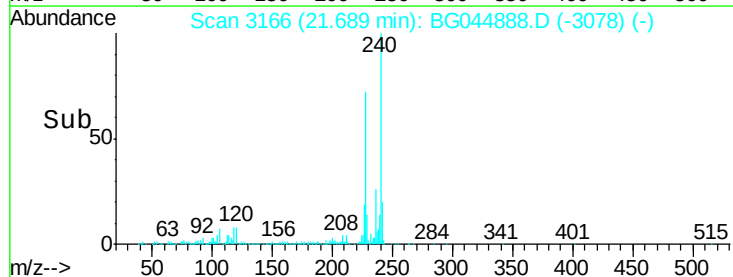
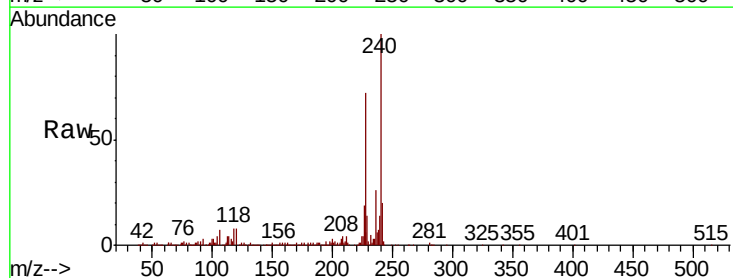
Delta R.T. -0.01 min

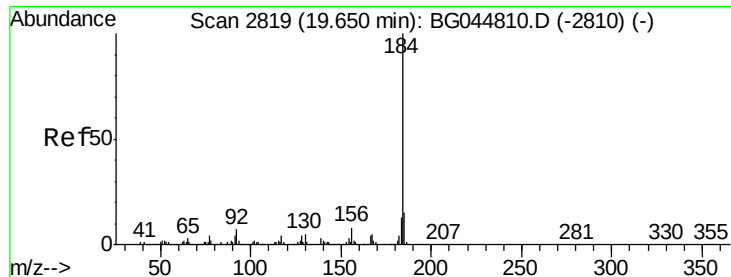
Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:240 Resp: 469078

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.7	10.1
236	26.3	21.5	32.3





#77

Benzidine

Concen: 41.978 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

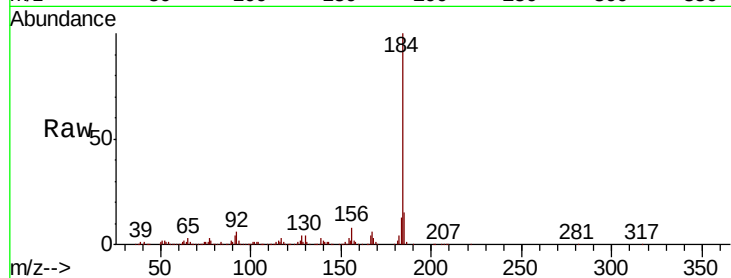
Tot Ion:184 Resp: 639243

Ion Ratio Lower Upper

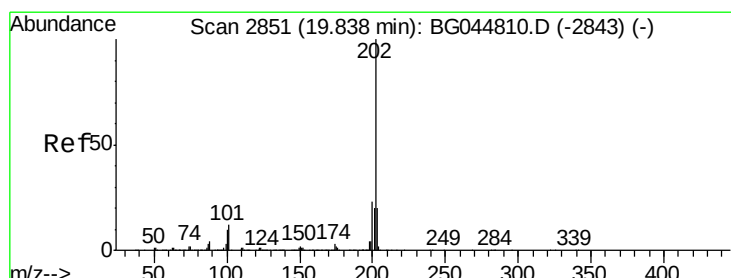
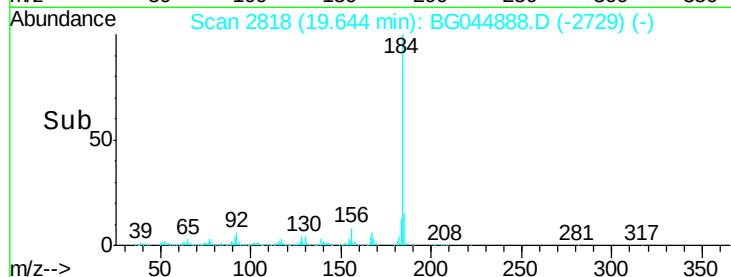
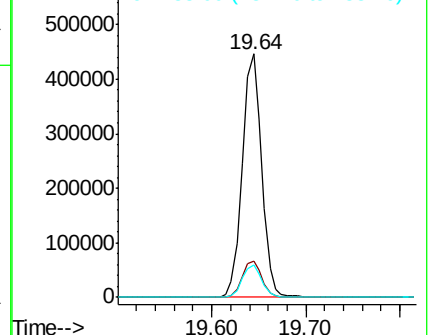
184 100

185 14.8 12.2 18.4

183 13.2 10.7 16.1



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: 40.681 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

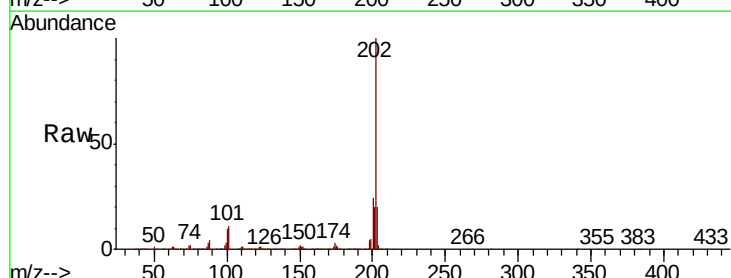
Tgt Ion:202 Resp: 1400031

Ion Ratio Lower Upper

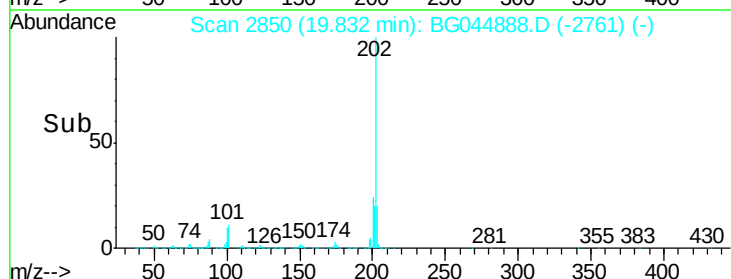
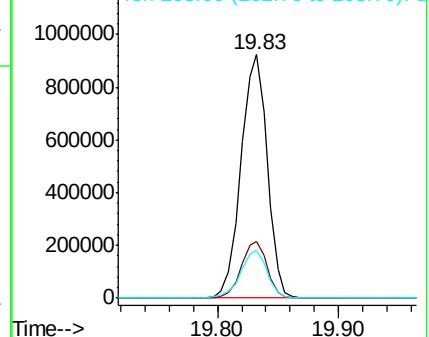
202 100

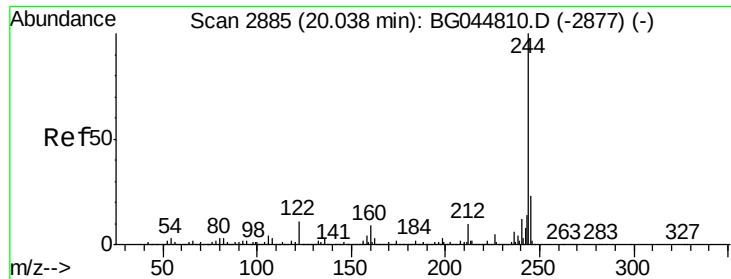
200 23.5 18.3 27.5

203 19.6 15.6 23.4



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: 78.873 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

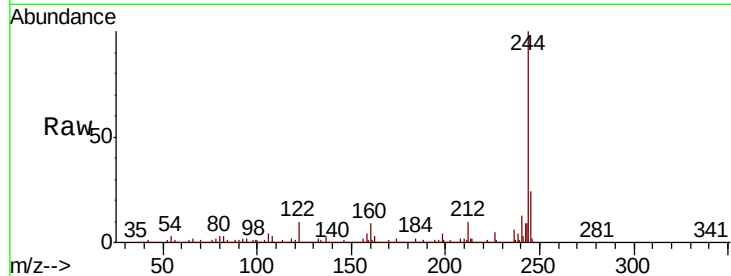
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1977911

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	9.6	8.6	12.8

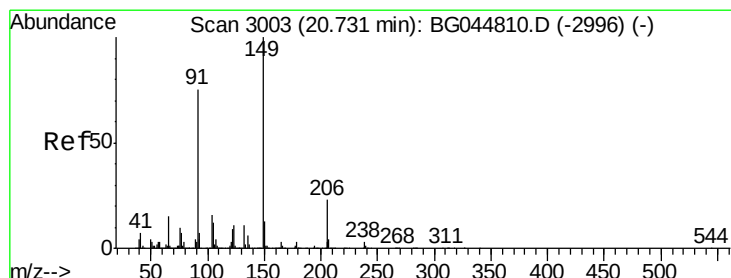
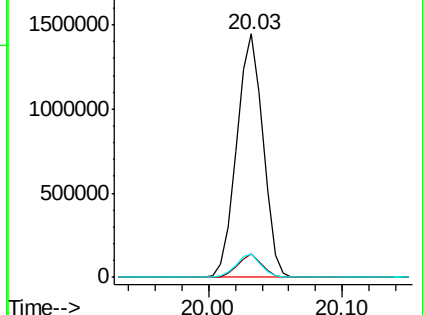
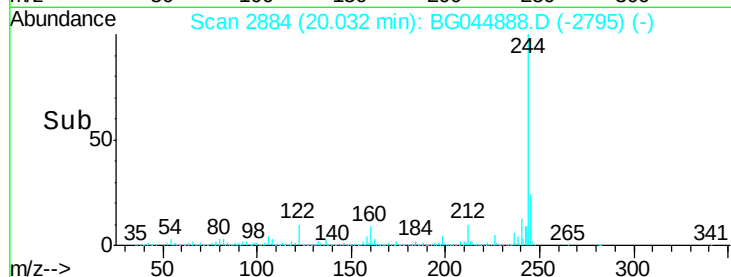


Abundance

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: 40.452 ng

RT: 20.72 min Scan# 3001

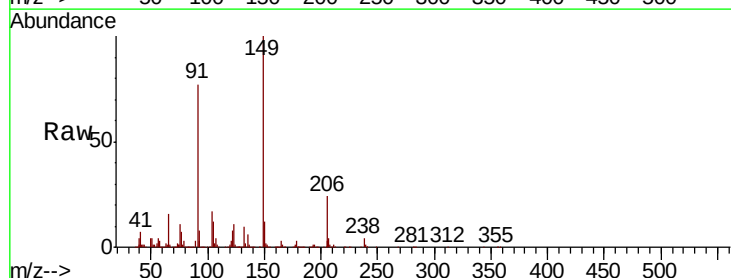
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:149 Resp: 619337

Ion	Ratio	Lower	Upper
149	100		
91	77.2	60.2	90.4
206	24.1	18.6	27.8

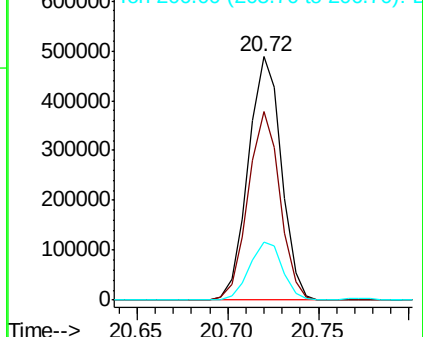
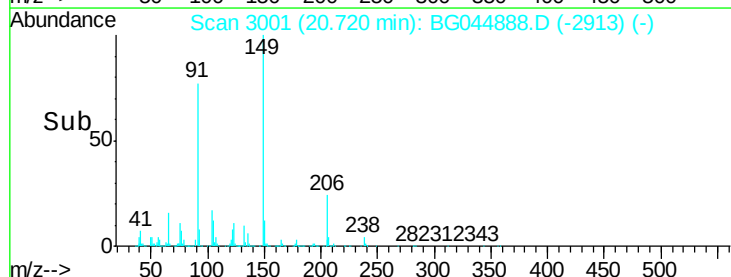


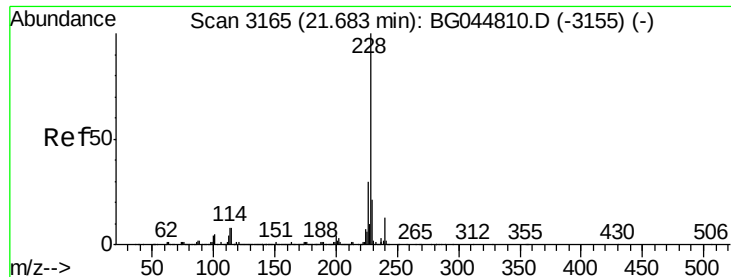
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.520 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampled :

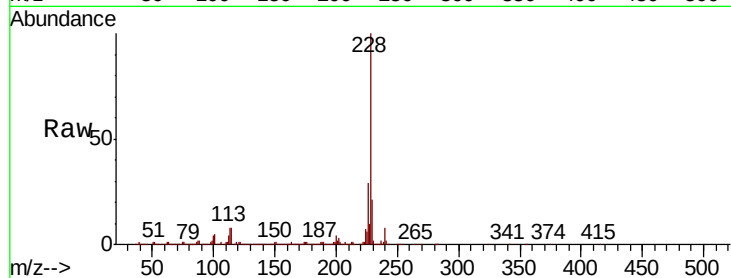
Tot Ion:228 Resp: 1402412

Ion Ratio Lower Upper

228 100

226 28.9 23.6 35.4

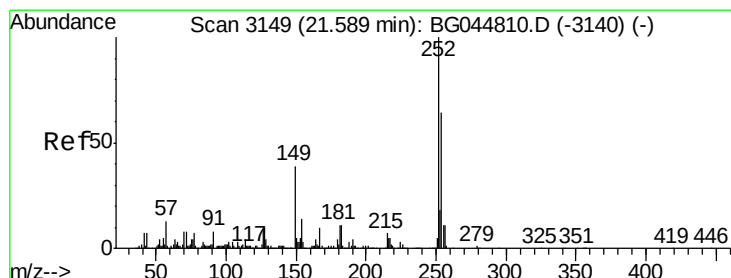
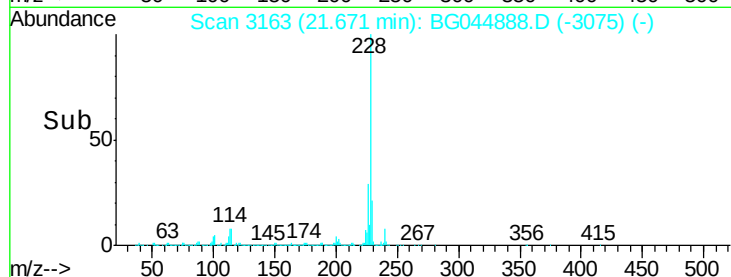
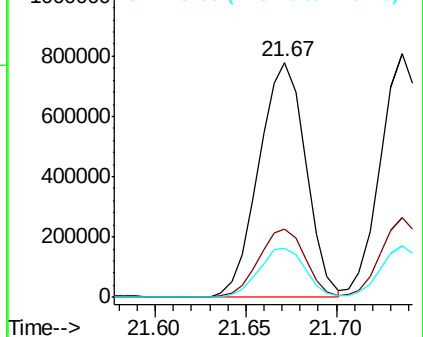
229 21.1 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.801 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

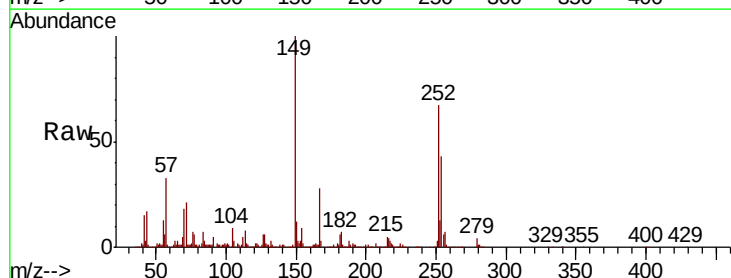
Tgt Ion:252 Resp: 376343

Ion Ratio Lower Upper

252 100

254 64.0 51.6 77.4

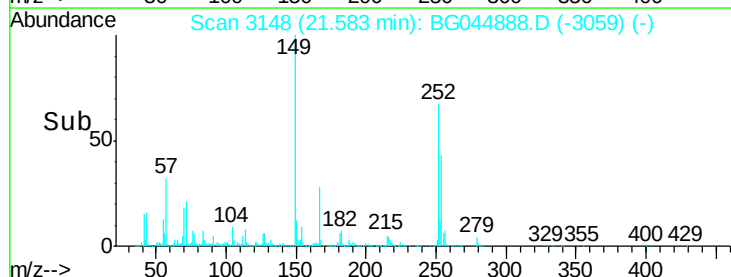
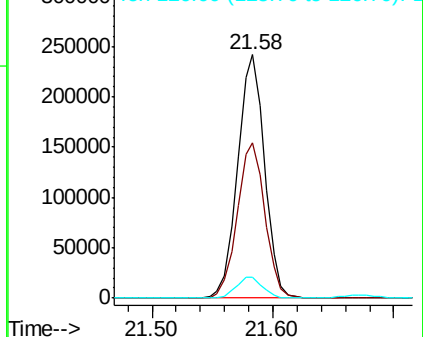
126 8.8 7.0 10.6

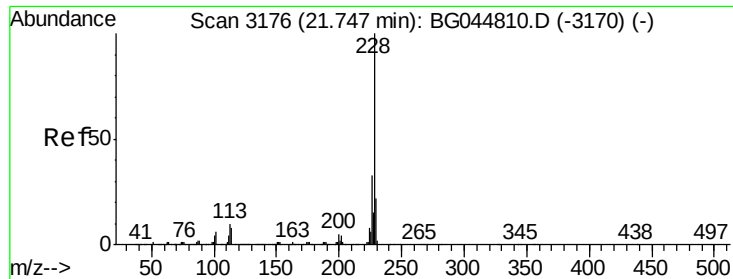


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



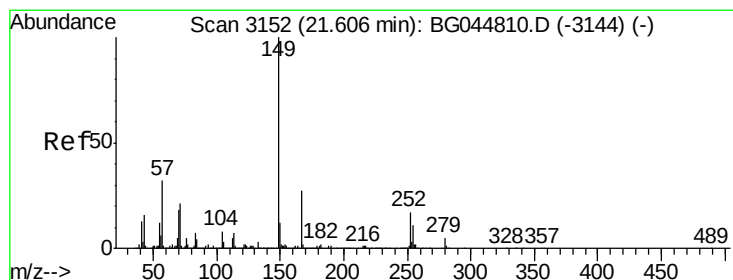
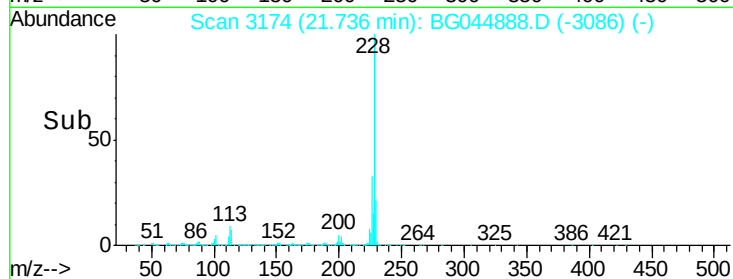
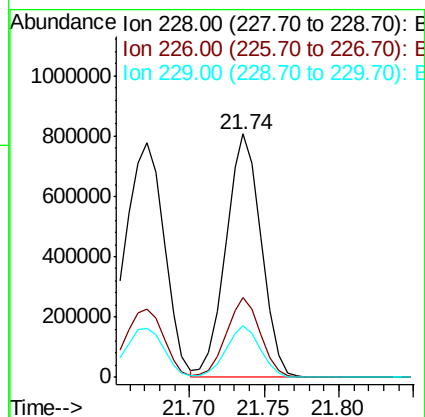
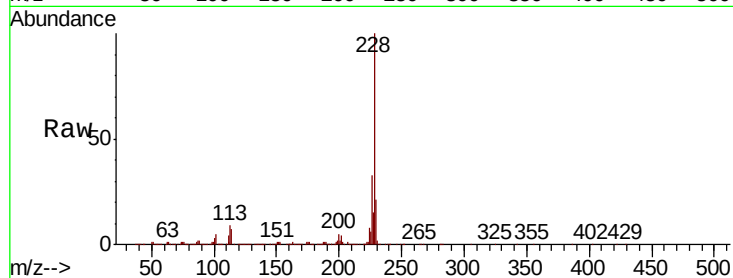


#83
 Chrvsene
 Concen: 41.083 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1325516

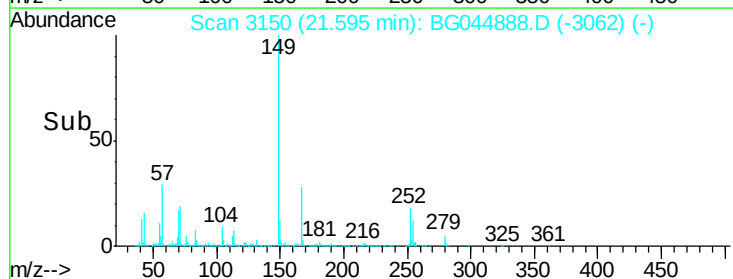
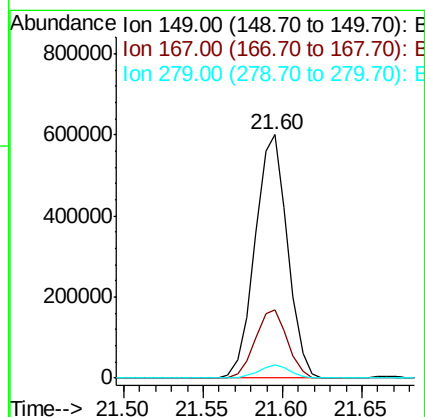
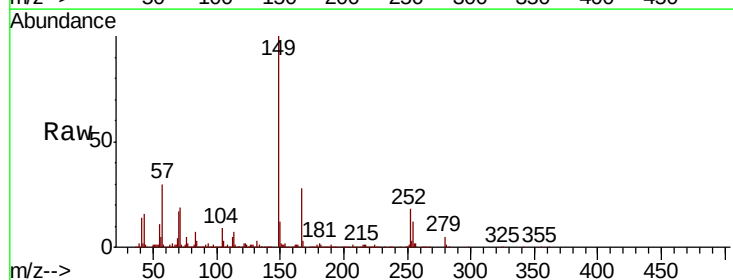
Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.9	38.9
229	21.2	17.4	26.0

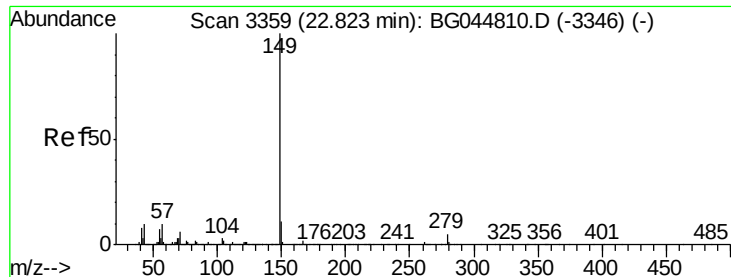


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.257 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion:149 Resp: 850628

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.6
279	5.4	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 41.639 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

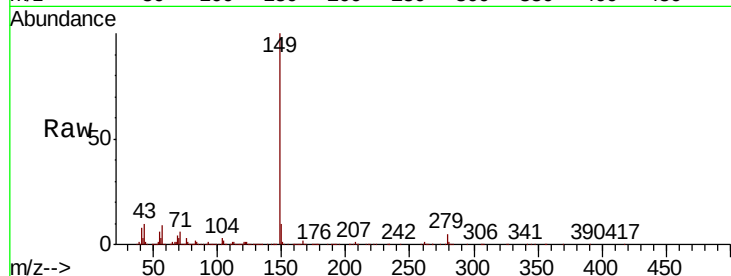
Tot Ion:149 Resp: 1472308

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.8 8.2 12.4



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

1000000

800000

600000

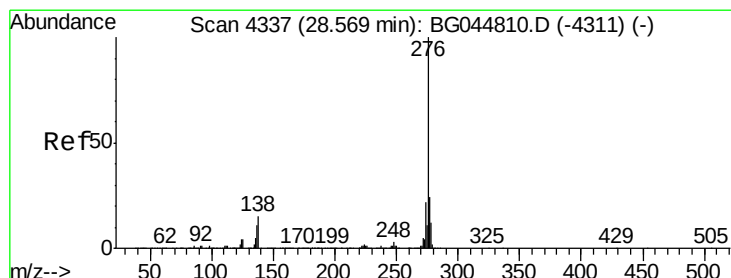
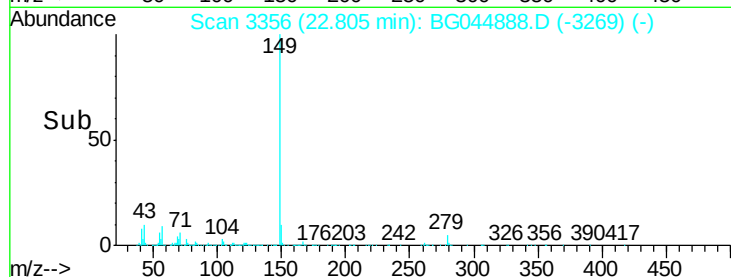
400000

200000

0

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.457 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.02 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

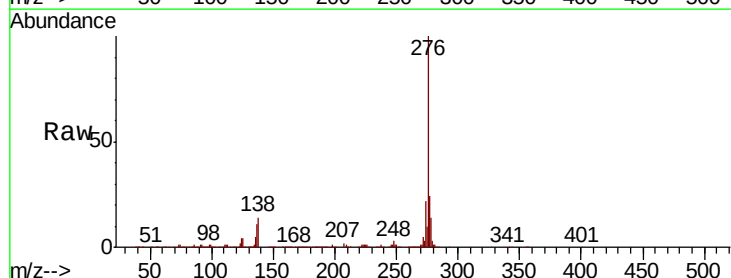
Tgt Ion:276 Resp: 1795920

Ion Ratio Lower Upper

276 100

138 11.7 7.4 11.0#

277 25.7 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

400000

300000

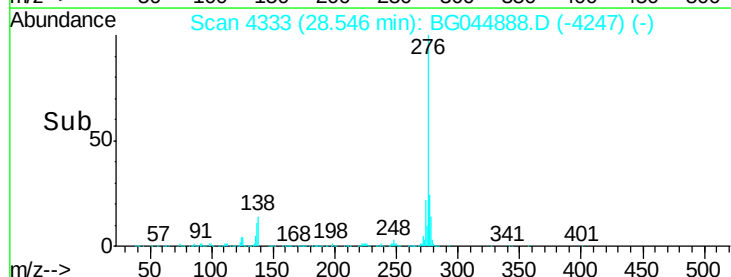
200000

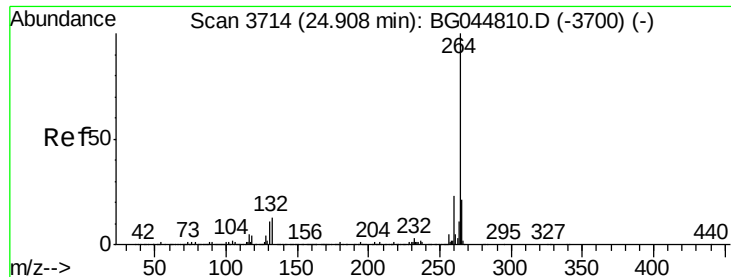
100000

0

28.40 28.60 28.80

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

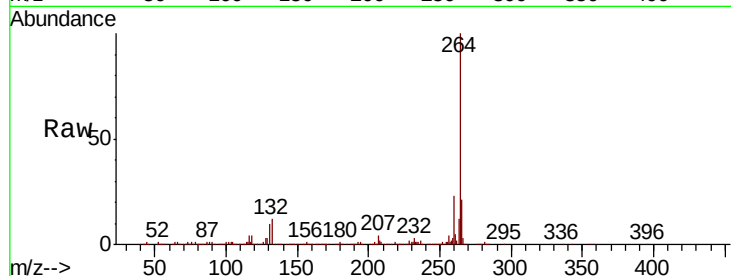
Tot Ion:264 Resp: 529803

Ion Ratio Lower Upper

264 100

260 23.3 18.1 27.1

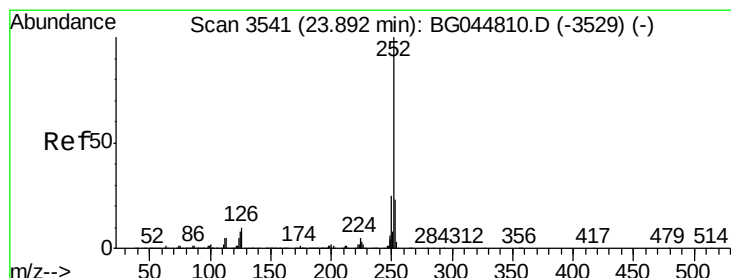
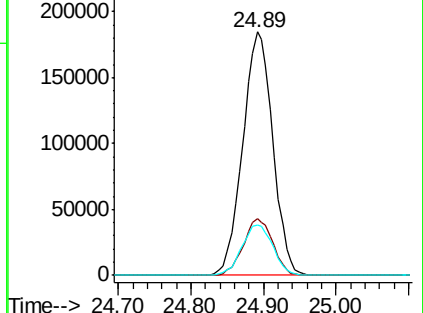
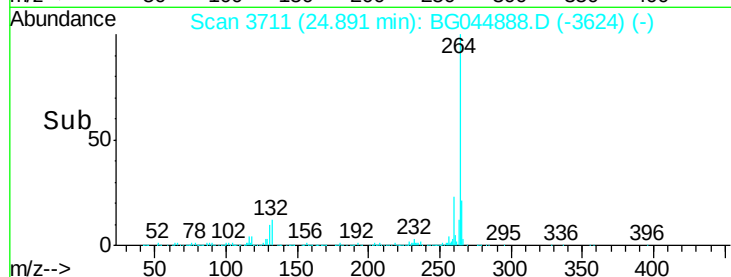
265 20.7 17.1 25.7



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: 44.001 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

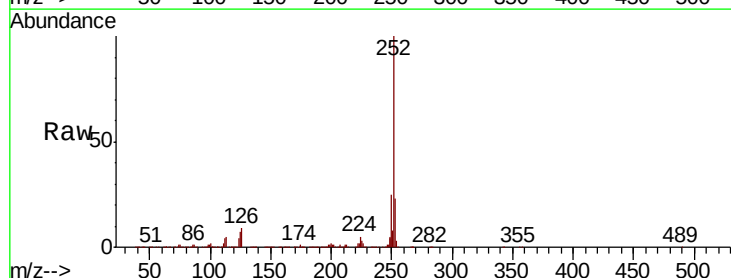
Tgt Ion:252 Resp: 1539007

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

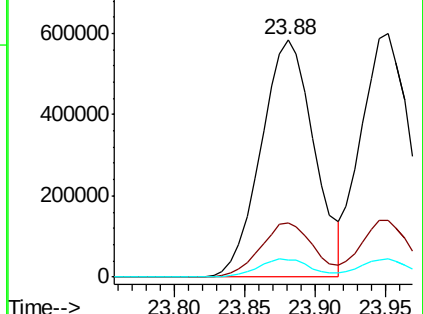
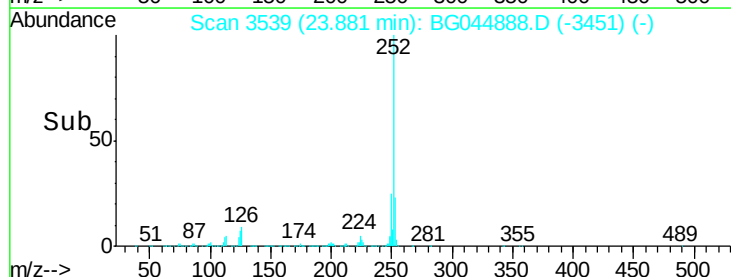
125 7.4 6.6 9.8

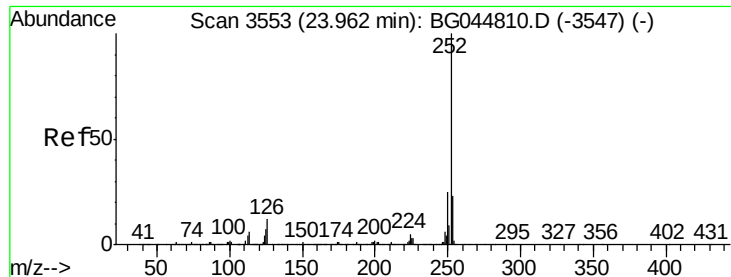


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

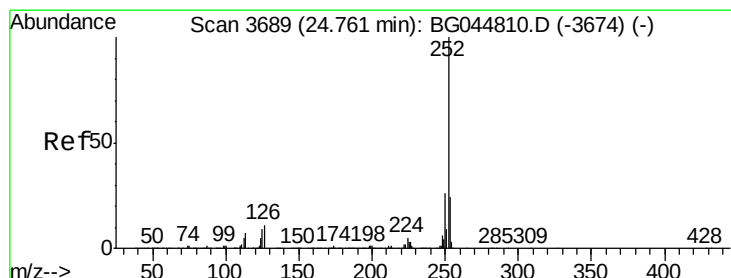
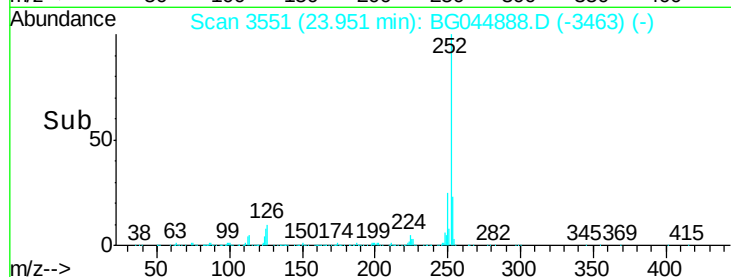
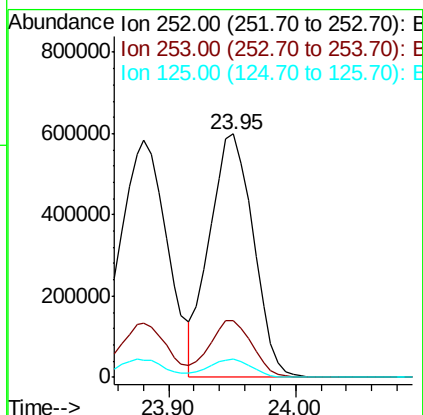
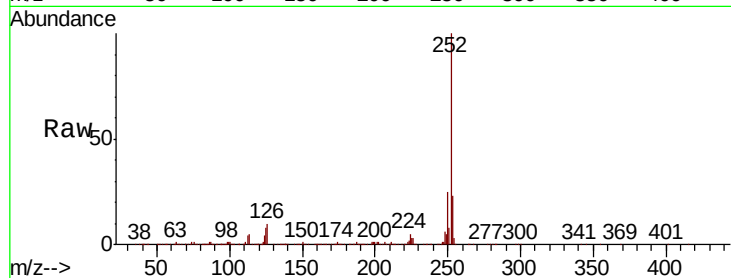




#89
Benzo(k)fluoranthene
Concen: 43.328 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

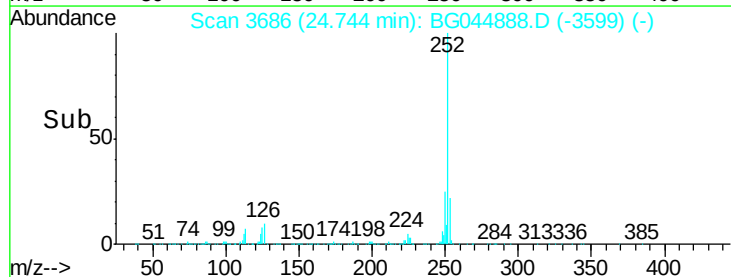
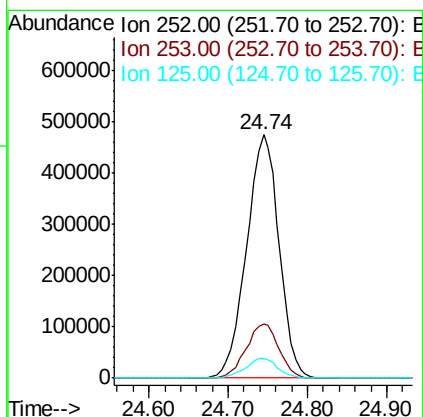
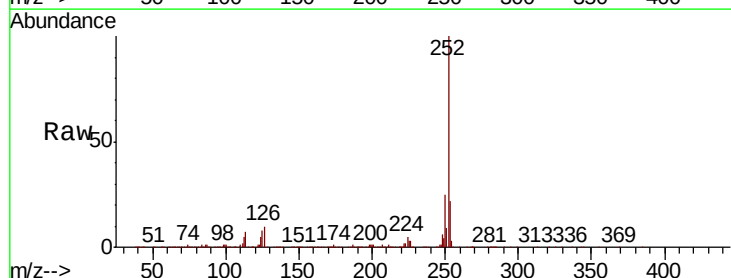
Instrument :
BNA_G
ClientSampleId :

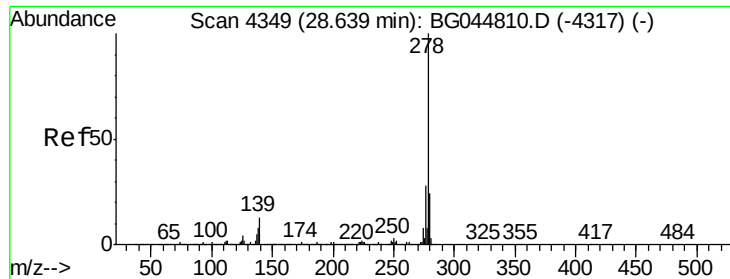
Tot Ion:252 Resp: 1434124
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 7.5 6.2 9.2



#90
Benzo(a)pyrene
Concen: 41.260 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion:252 Resp: 1350348
Ion Ratio Lower Upper
252 100
253 22.3 19.4 29.0
125 8.0 7.2 10.8

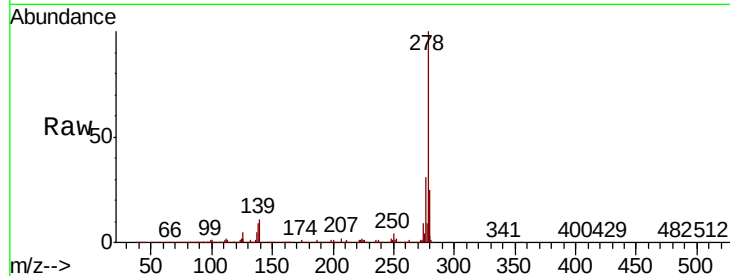




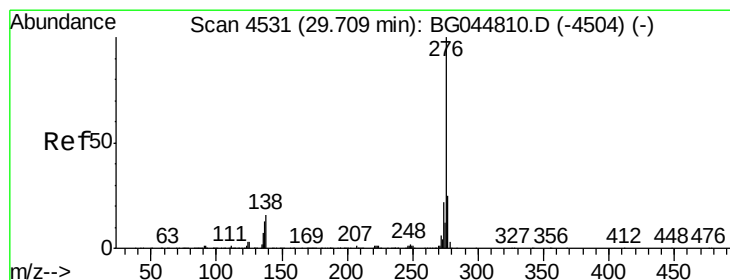
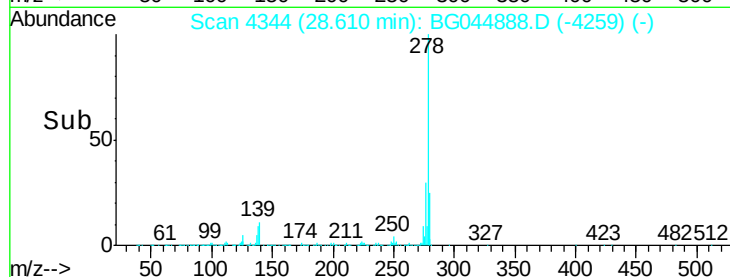
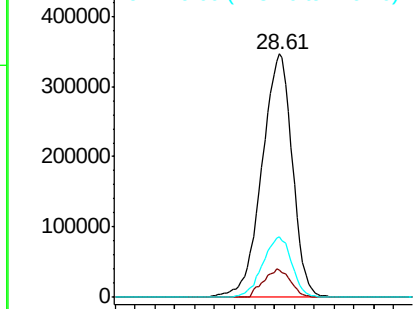
#91
Dibenzo(a,h)anthracene
Concen: 45.324 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1463409
Ion Ratio Lower Upper
278 100
139 11.3 10.2 15.2
279 25.0 18.9 28.3

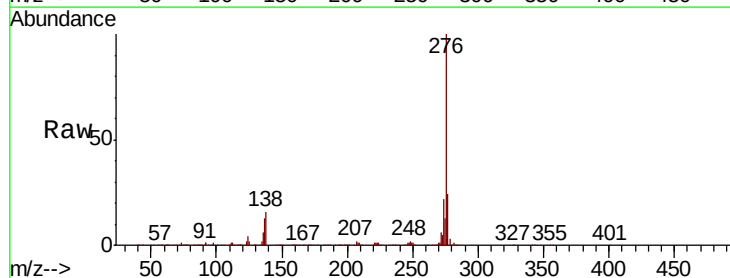


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.693 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion:276 Resp: 1490558
Ion Ratio Lower Upper
276 100
277 24.0 20.1 30.1
138 15.5 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

