

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044894.D
 Acq On : 19 Mar 2020 12:20
 Operator : CG/JU
 Sample : L1759-15MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 14:32:44 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	8.04	152	74787	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	284175	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	197323	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	471808	20.00	ng	0.00
76) Chrysene-d12	21.69	240	468747	20.00	ng	-0.01
87) Perylene-d12	24.90	264	518310	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	577802	120.27	ng	0.00
7) Phenol-d6	7.20	99	721996	103.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	588457	90.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	411842	159.40	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1217831	88.38	ng	0.00
79) Terphenyl-d14	20.03	244	2196561	87.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	79379	34.311	ng	# 15
3) Pyridine	3.92	79	168891	24.660	ng	99
4) n-Nitrosodimethylamine	3.82	42	104831	40.342	ng	98
6) Aniline	7.37	93	200749	23.113	ng	99
8) 2-Chlorophenol	7.61	128	242300	50.523	ng	97
9) Benzaldehyde	7.17	77	167936	39.323	ng	98
10) Phenol	7.23	94	273081	39.516	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	244021	44.245	ng	99
12) 1,3-Dichlorobenzene	7.94	146	264337	44.744	ng	100
13) 1,4-Dichlorobenzene	8.08	146	264558	45.296	ng	98
14) 1,2-Dichlorobenzene	8.40	146	250079	45.147	ng	96
15) Benzyl Alcohol	8.28	79	256999	45.888	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	356008	36.578	ng	97
17) 2-Methylphenol	8.48	107	215100	45.951	ng	97
18) Hexachloroethane	9.13	117	106107	46.145	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	208463	42.295	ng	98
20) 3+4-Methylphenols	8.81	107	294789	45.683	ng	98
22) Acetophenone	8.86	105	376786	46.802	ng	98
24) Nitrobenzene	9.25	77	312040	46.438	ng	98
25) Isophorone	9.77	82	591961	46.835	ng	98
26) 2-Nitrophenol	9.96	139	135054	56.756	ng	98
27) 2,4-Dimethylphenol	10.01	122	230485	55.997	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	331099	43.896	ng	98
29) 2,4-Dichlorophenol	10.50	162	248600	51.710	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	270236	47.010	ng	93
31) Naphthalene	10.90	128	751225	47.721	ng	99
32) Benzoic acid	10.15	122	123100	40.327	ng	98
33) 4-Chloroaniline	11.00	127	46818	6.601	ng	94
34) Hexachlorobutadiene	11.20	225	179537	47.493	ng	99
35) Caprolactam	11.77	113	30445	16.726	ng	# 84
36) 4-Chloro-3-methylphenol	12.12	107	289302	50.456	ng	97
37) 2-Methylnaphthalene	12.51	142	560244	47.577	ng	98
38) 1-Methylnaphthalene	12.72	142	526633	47.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	295789	45.517	ng	99

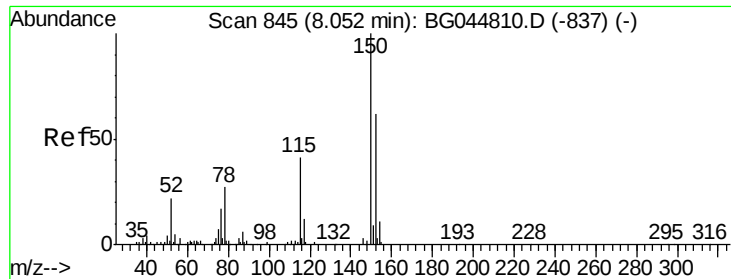
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	361095	101.676	ng	100
43) 2,4,6-Trichlorophenol	13.11	196	222771	51.655	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	238856	53.405	ng	93
46) 1,1'-Biphenyl	13.51	154	711921	45.148	ng	99
47) 2-Chloronaphthalene	13.55	162	538589	44.712	ng	97
48) 2-Nitroaniline	13.75	65	208274	49.387	ng	99
49) Acenaphthylene	14.40	152	911218	48.285	ng	99
50) Dimethylphthalate	14.13	163	810960	51.601	ng	98
51) 2,6-Dinitrotoluene	14.24	165	176888	55.839	ng	98
52) Acenaphthene	14.74	154	662361	53.593	ng	99
53) 3-Nitroaniline	14.57	138	88237	24.227	ng	97
54) 2,4-Dinitrophenol	14.77	184	193232	112.910	ng	91
55) Dibenzofuran	15.07	168	879669	49.082	ng	98
56) 4-Nitrophenol	14.88	139	270456	97.302	ng	95
57) 2,4-Dinitrotoluene	15.03	165	244177	56.202	ng	98
58) Fluorene	15.73	166	719484	48.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	232736	56.521	ng	95
60) Diethylphthalate	15.50	149	794547	48.473	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	385257	48.530	ng	99
62) 4-Nitroaniline	15.73	138	182381	46.962	ng	92
63) Azobenzene	16.01	77	779132	45.772	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	144996	62.520	ng	94
66) n-Nitrosodiphenylamine	15.93	169	666936	46.952	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	278126	47.154	ng	99
68) Hexachlorobenzene	16.74	284	298990	46.725	ng	97
69) Atrazine	16.88	200	277130	53.251	ng	100
70) Pentachlorophenol	17.07	266	390485	110.908	ng	99
71) Phenanthrene	17.47	178	1214924	48.187	ng	99
72) Anthracene	17.55	178	1243758	50.028	ng	99
73) Carbazole	17.82	167	1178260	49.339	ng	99
74) Di-n-butylphthalate	18.39	149	1388893	47.844	ng	99
75) Fluoranthene	19.47	202	1542131	51.370	ng	98
77) Benzidine	19.64	184	391250	25.711	ng	99
78) Pyrene	19.83	202	1536713	44.684	ng	98
80) Butylbenzylphthalate	20.72	149	675359	44.142	ng	98
81) Benzo(a)anthracene	21.67	228	1518352	44.984	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	251131	19.232	ng	98
83) Chrysene	21.74	228	1445192	44.823	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	928084	43.953	ng	99
85) Di-n-octyl phthalate	22.81	149	1581424	44.756	ng	100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1952289	46.186	ng	# 97
88) Benzo(b)fluoranthene	23.88	252	1653695	48.329	ng	98
89) Benzo(k)fluoranthene	23.95	252	1558238	48.121	ng	99
90) Benzo(a)pyrene	24.74	252	1502194	46.918	ng	97
91) Dibenzo(a,h)anthracene	28.62	278	1575829	49.888	ng	96
92) Benzo(g,h,i)perylene	29.69	276	1633470	51.184	ng	98

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

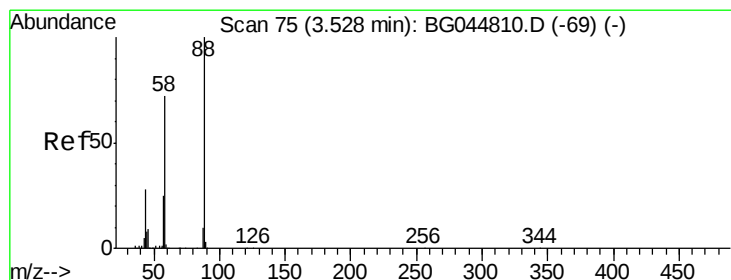
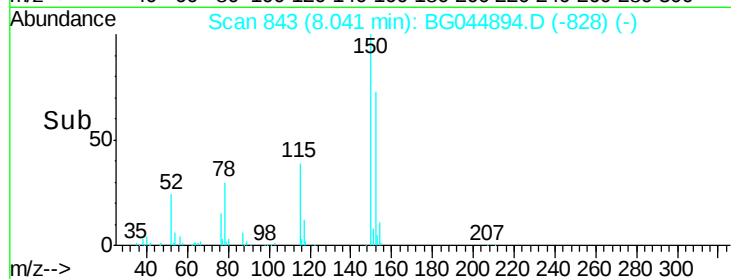
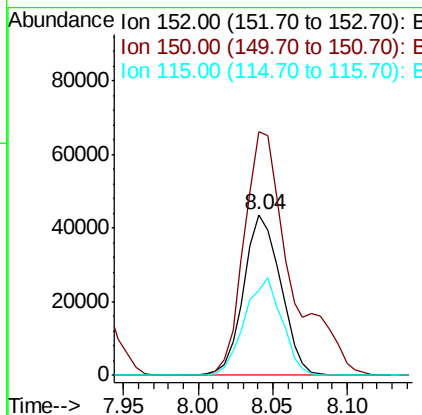
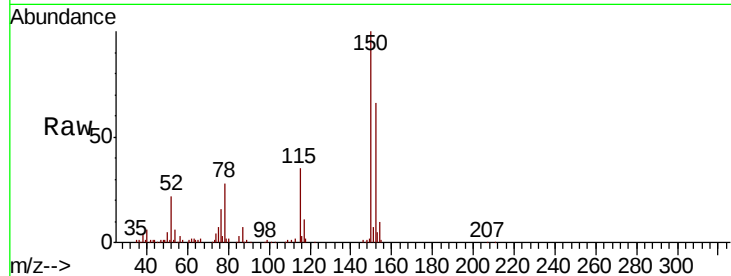


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :

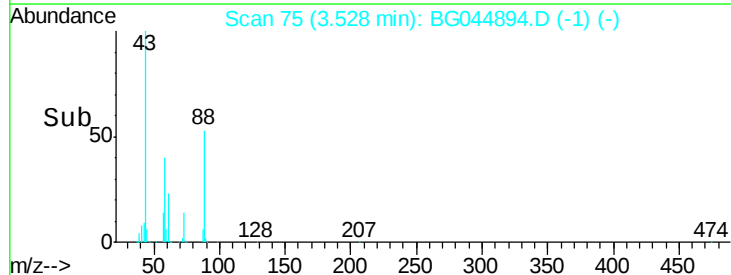
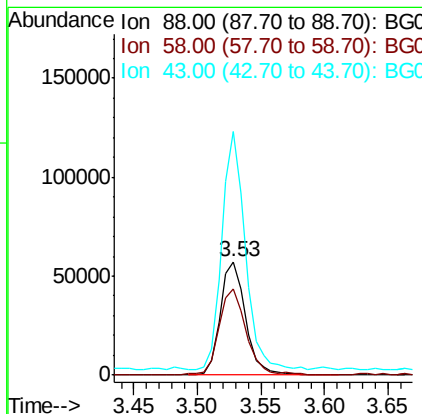
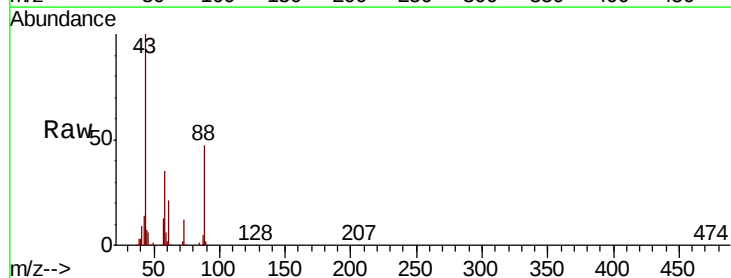
Tot Ion	152	Resp	74787
Ion Ratio	Lower	Upper	
152	100		
150	151.2	128.8	193.2
115	53.1	52.6	79.0

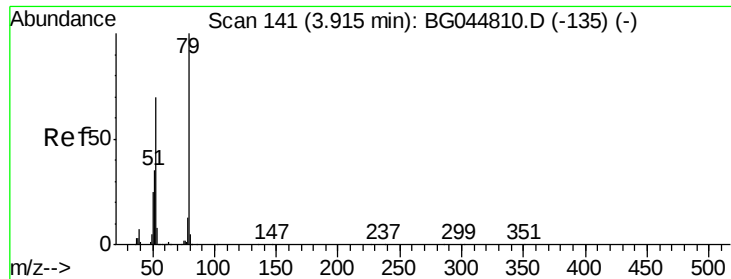


#2

1,4-Dioxane
Concen: 34.311 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	88	Resp	79379
Ion Ratio	Lower	Upper	
88	100		
58	80.9	63.0	94.4
43	191.9	24.8	37.2





#3

Pvridine

Concen: 24.660 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

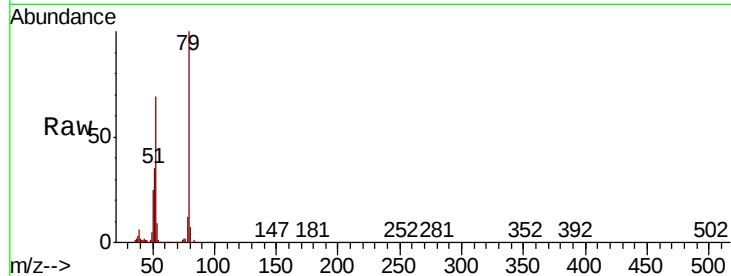
Tot Ion: 79 Resp: 168891

Ion Ratio Lower Upper

79 100

52 69.1 56.3 84.5

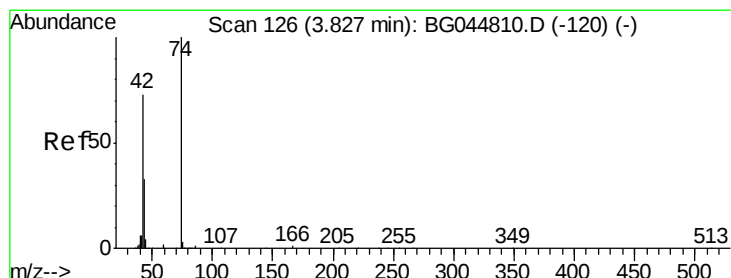
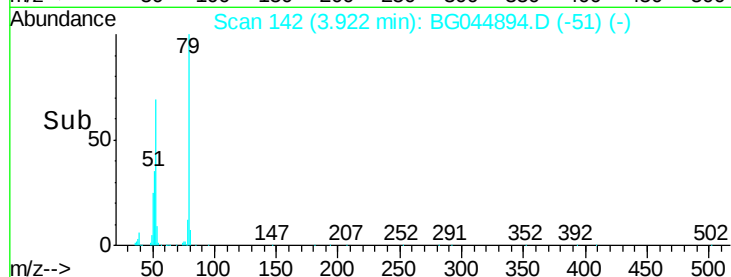
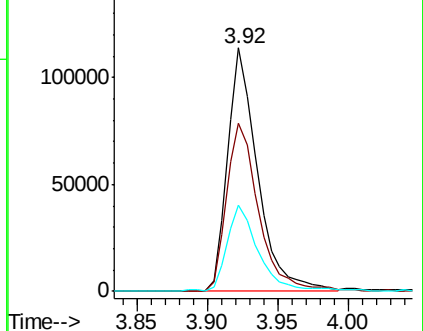
51 35.2 28.1 42.1



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: 40.342 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

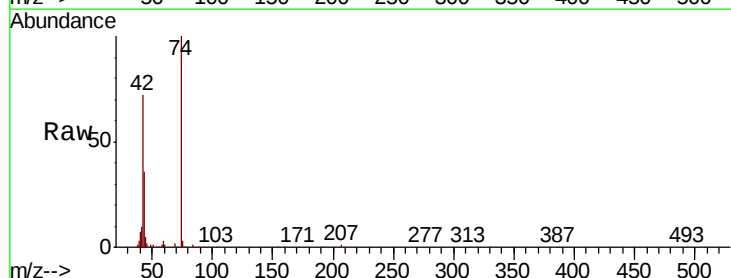
Tgt Ion: 42 Resp: 104831

Ion Ratio Lower Upper

42 100

74 139.3 109.1 163.7

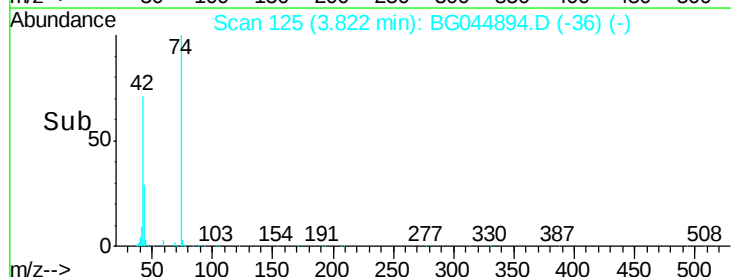
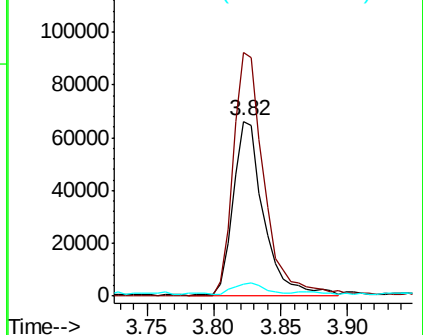
44 6.9 5.4 8.2

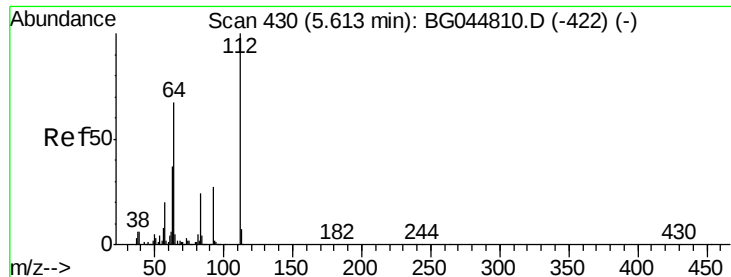


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 120.270 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

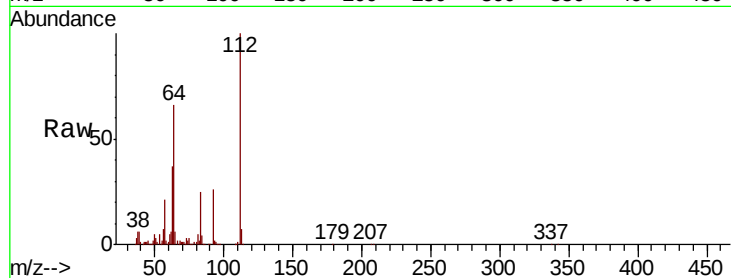
Tot Ion:112 Resp: 577802

Ion Ratio Lower Upper

112 100

64 66.4 53.4 80.2

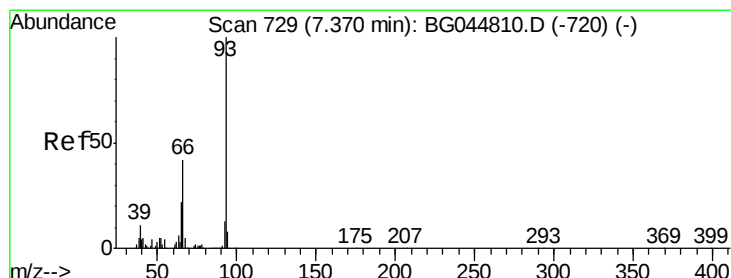
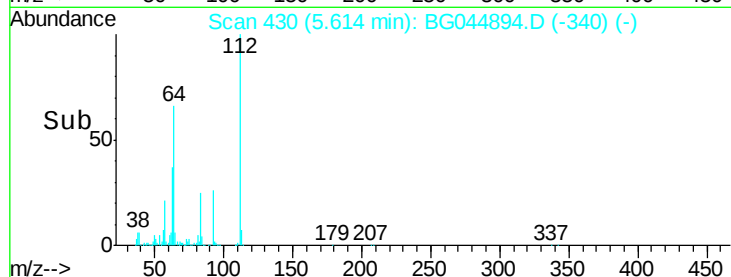
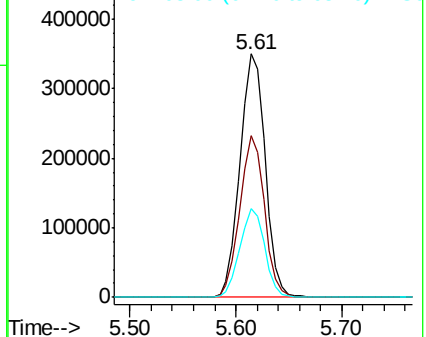
63 36.5 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.113 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

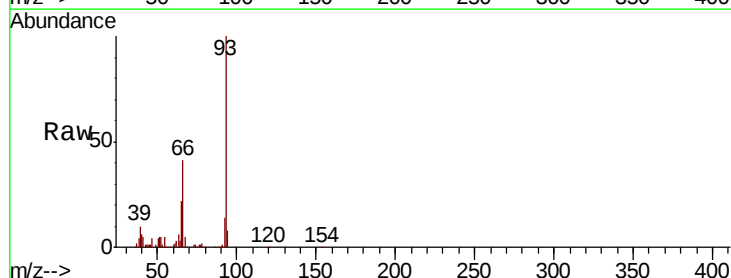
Tgt Ion: 93 Resp: 200749

Ion Ratio Lower Upper

93 100

66 41.1 33.7 50.5

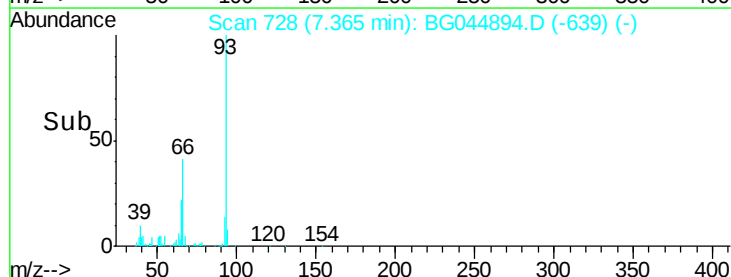
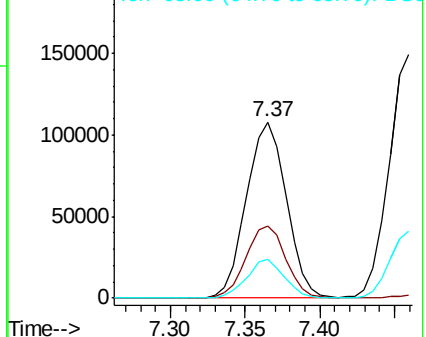
65 21.9 17.7 26.5

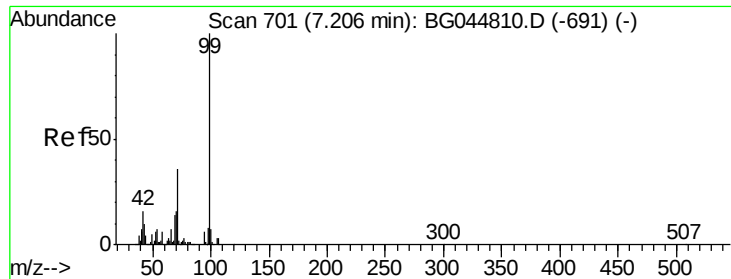


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.435 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampled :

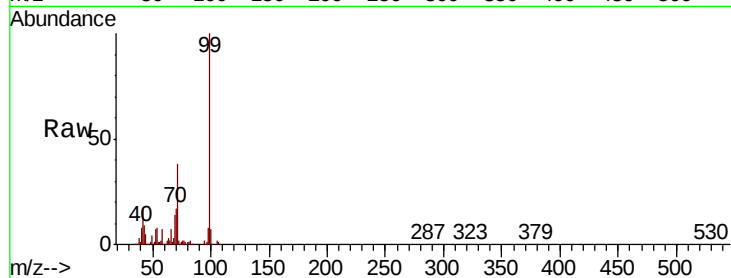
Tot Ion: 99 Resp: 721996

Ion Ratio Lower Upper

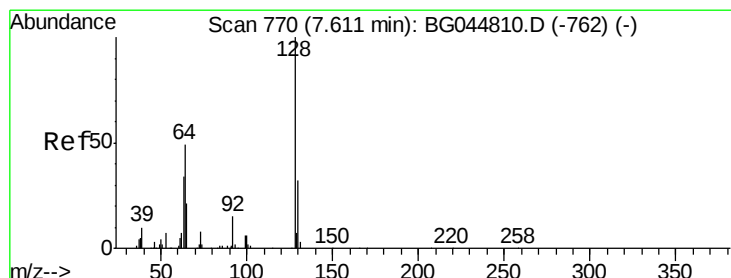
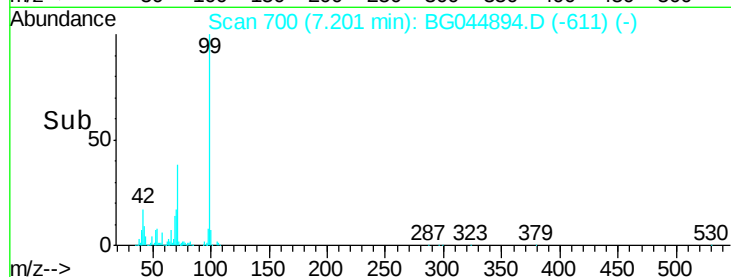
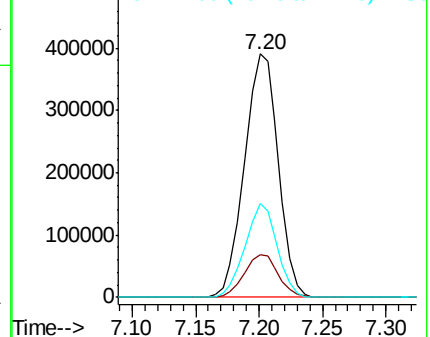
99 100

42 17.4 12.6 19.0

71 38.3 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: 50.523 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

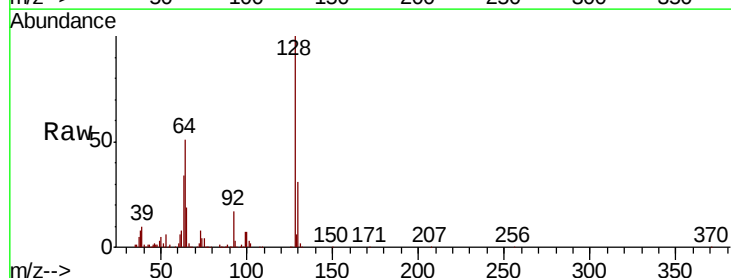
Tgt Ion: 128 Resp: 242300

Ion Ratio Lower Upper

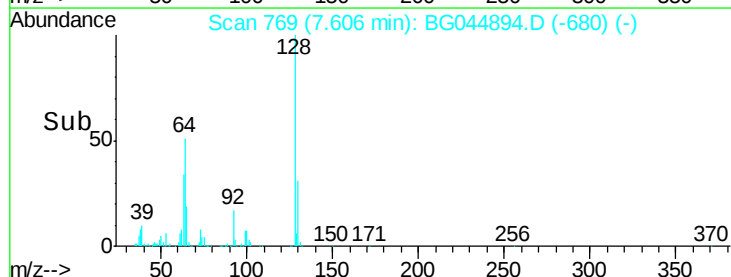
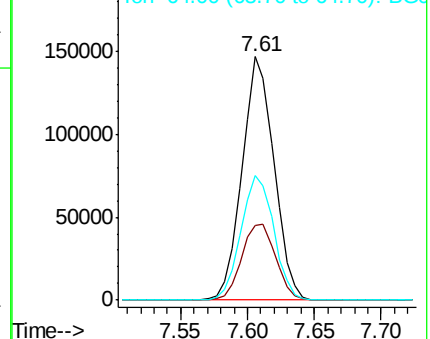
128 100

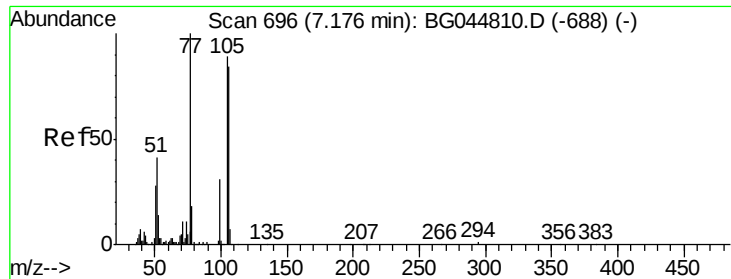
130 30.9 11.6 51.6

64 51.1 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: 39.323 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampled :

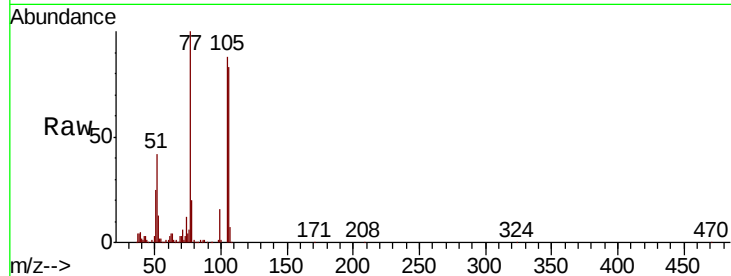
Tot Ion: 77 Resp: 167936

Ion Ratio Lower Upper

77 100

105 87.6 69.3 109.3

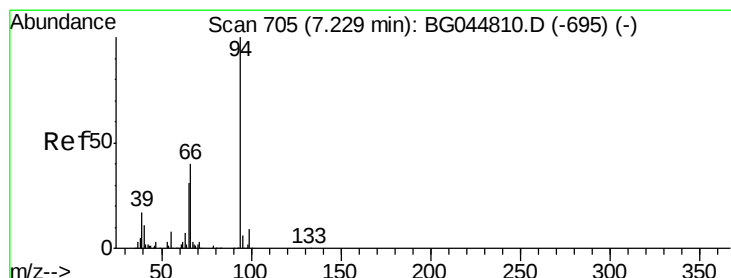
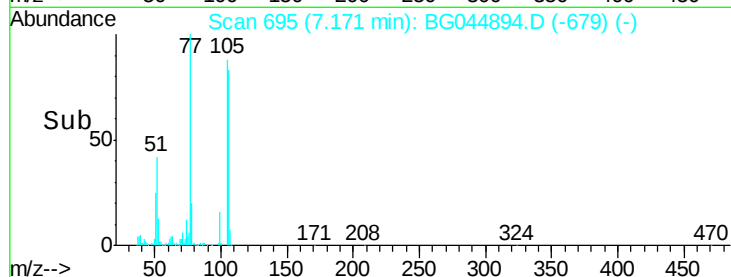
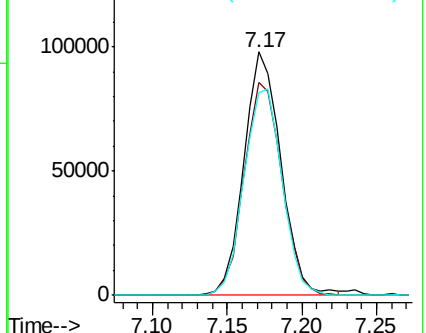
106 83.3 64.5 104.5



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: 39.516 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

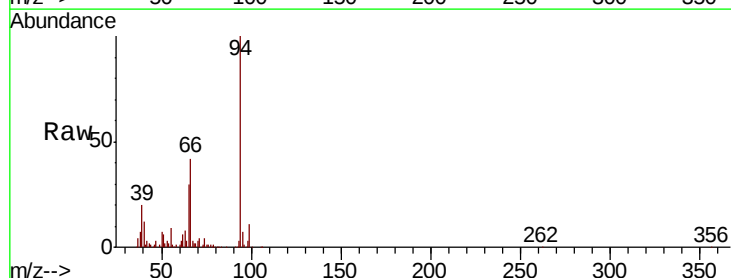
Tgt Ion: 94 Resp: 273081

Ion Ratio Lower Upper

94 100

65 30.2 11.0 51.0

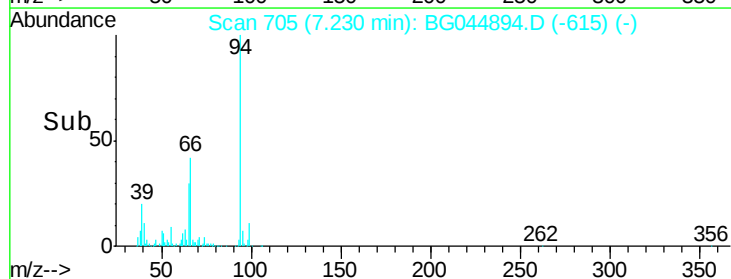
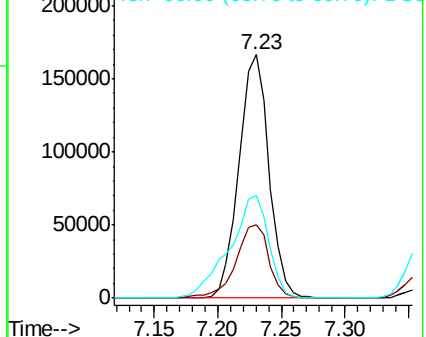
66 42.3 20.1 60.1

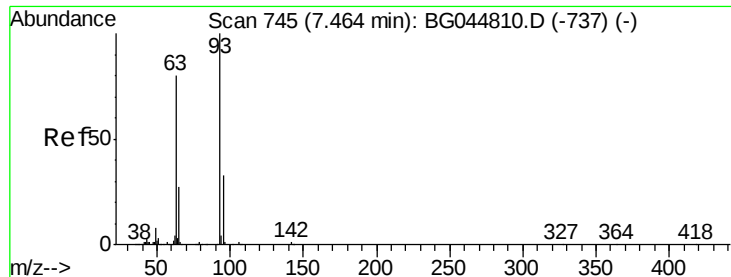


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.245 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

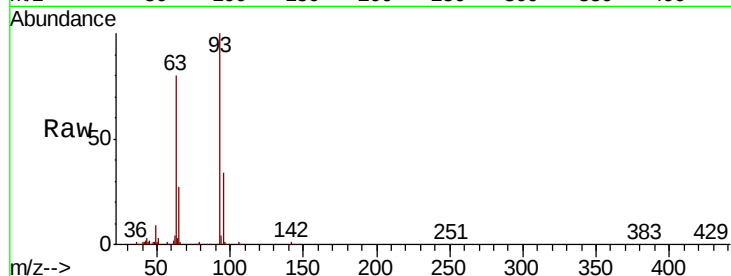
Tot Ion: 93 Resp: 244021

Ion Ratio Lower Upper

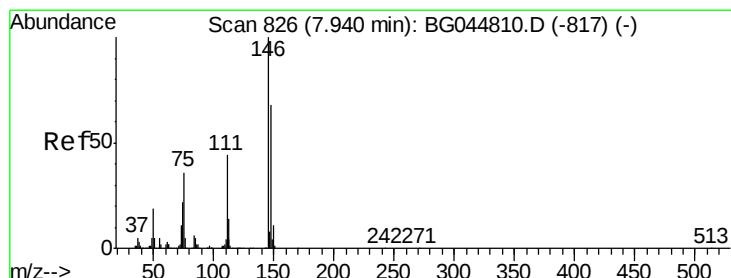
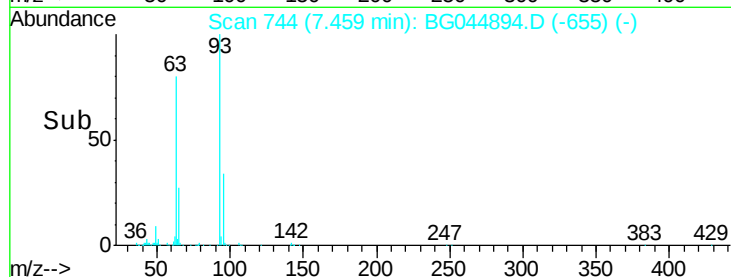
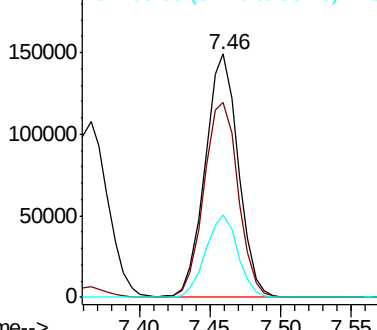
93 100

63 80.2 59.7 99.7

95 33.9 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: 44.744 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

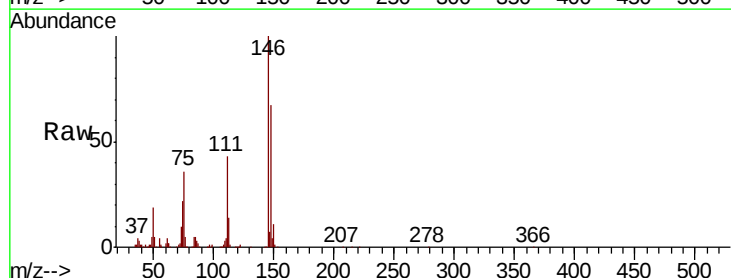
Tgt Ion: 146 Resp: 264337

Ion Ratio Lower Upper

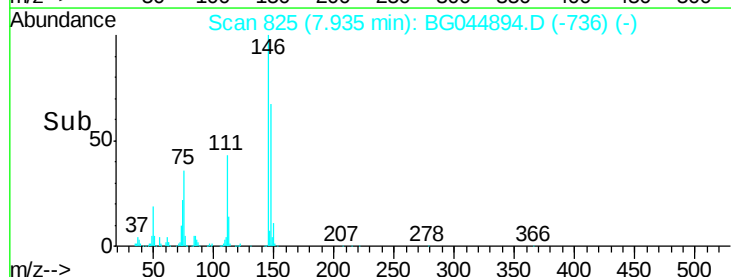
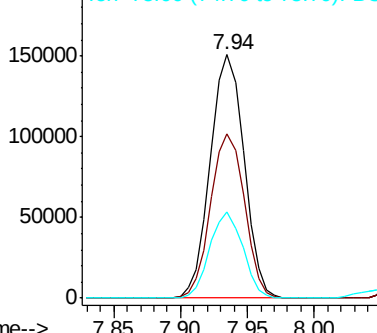
146 100

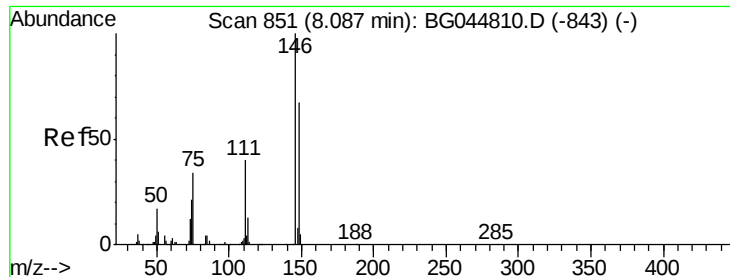
148 67.4 54.2 81.4

75 35.6 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: 45.296 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

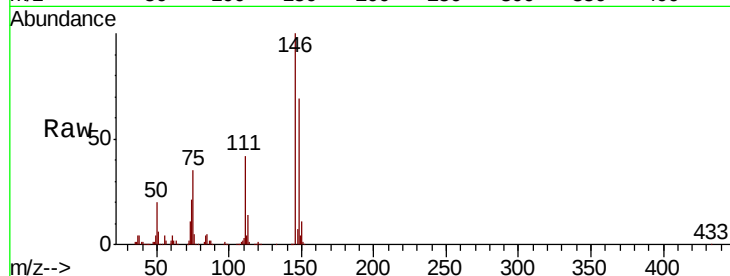
Tot Ion:146 Resp: 264558

Ion Ratio Lower Upper

146 100

148 68.6 53.8 80.6

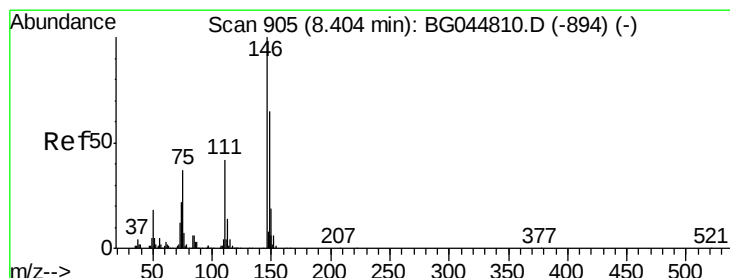
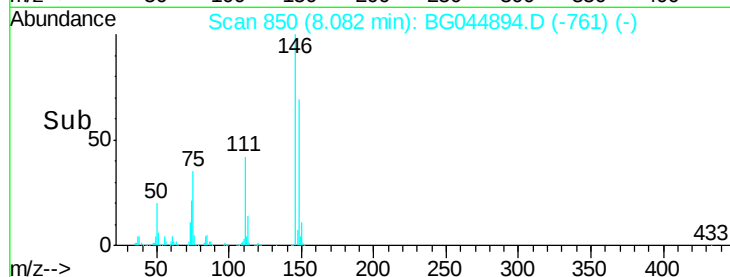
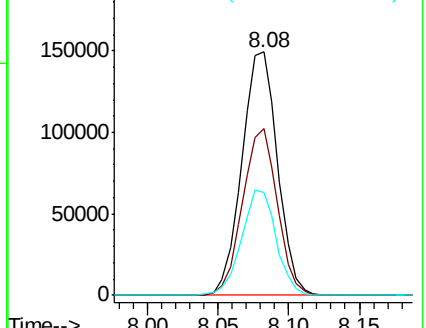
111 42.1 32.0 48.0



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: 45.147 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

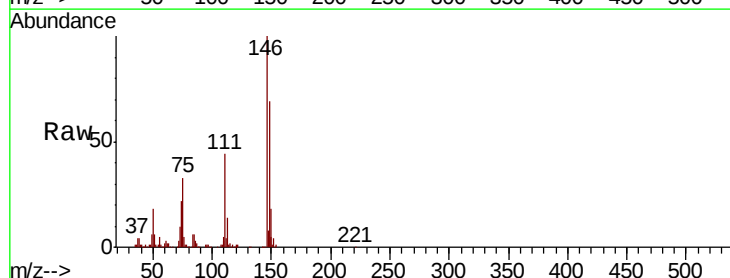
Tgt Ion:146 Resp: 250079

Ion Ratio Lower Upper

146 100

148 68.7 52.1 78.1

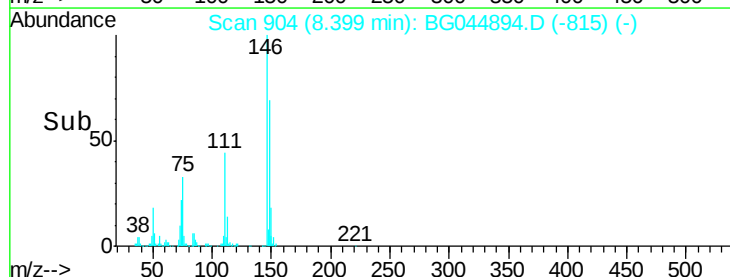
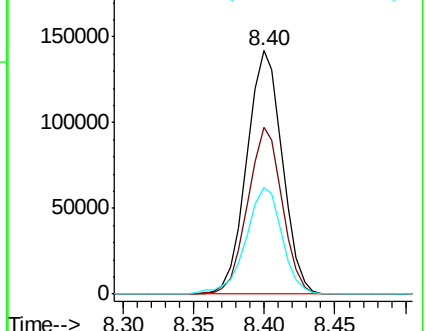
111 43.7 33.4 50.2

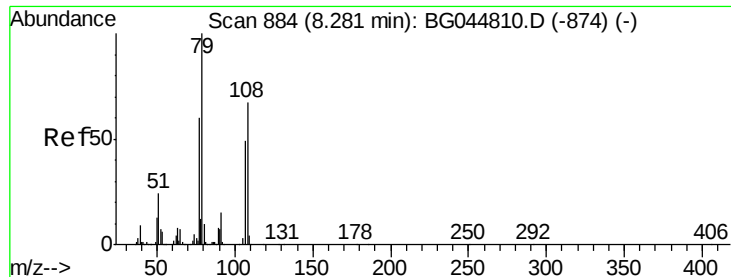


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.888 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

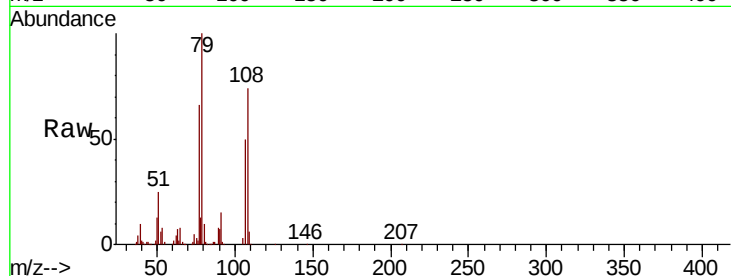
Tot Ion: 79 Resp: 256999

Ion Ratio Lower Upper

79 100

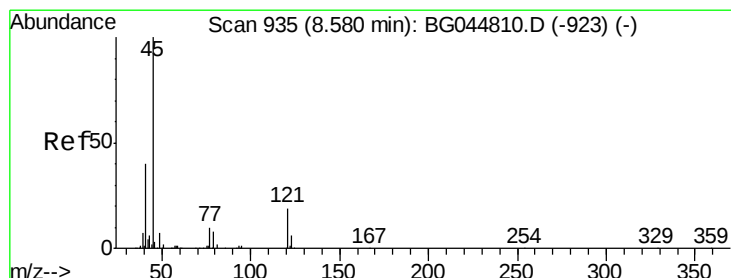
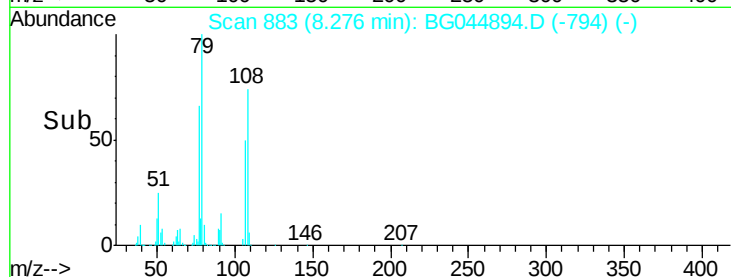
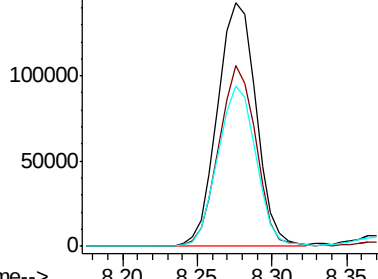
108 74.1 53.8 80.8

77 65.9 47.8 71.8



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

8.28



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.578 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

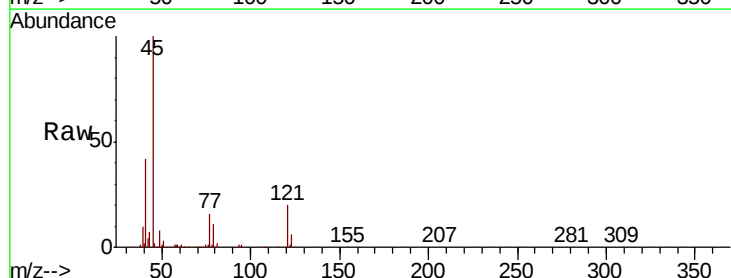
Tgt Ion: 45 Resp: 356008

Ion Ratio Lower Upper

45 100

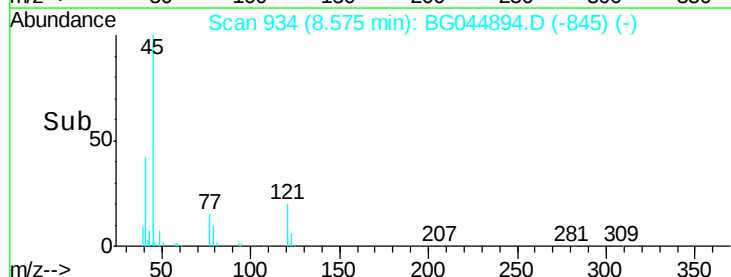
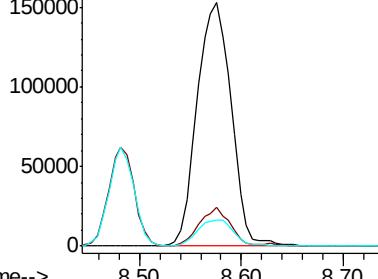
77 15.7 0.0 33.9

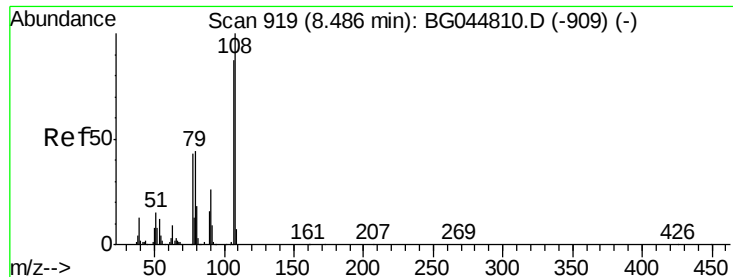
79 10.7 0.0 30.8



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

8.58





#17

2-Methylphenol

Concen: 45.951 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 215100

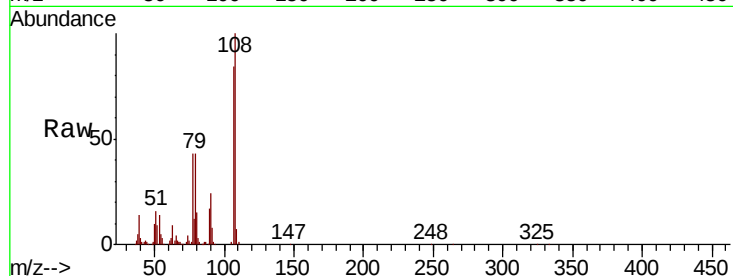
Ion Ratio Lower Upper

107 100

108 118.8 91.8 137.8

77 51.5 40.0 60.0

79 51.2 40.2 60.2

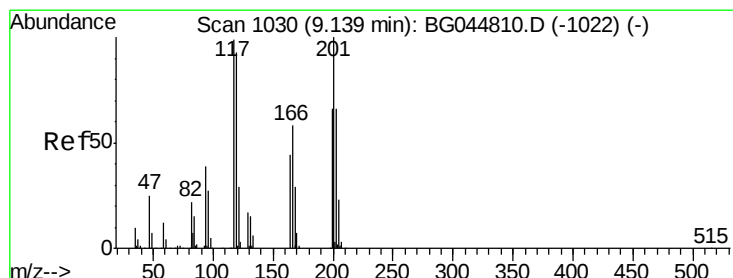
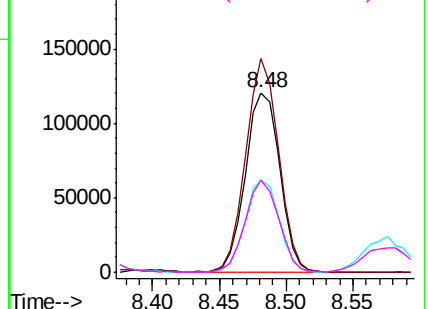
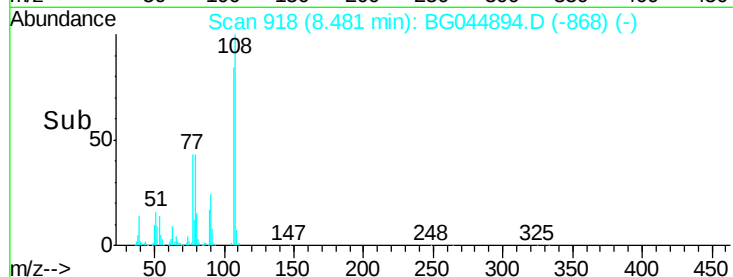


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.145 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

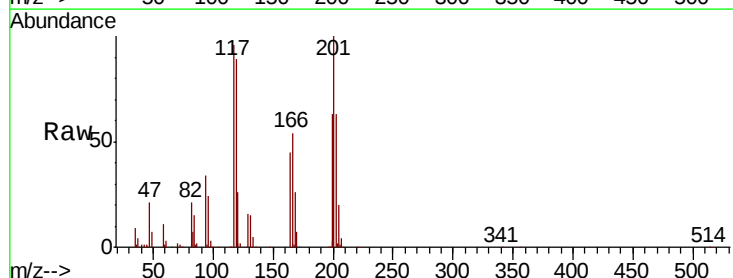
Tgt Ion:117 Resp: 106107

Ion Ratio Lower Upper

117 100

119 92.5 75.2 112.8

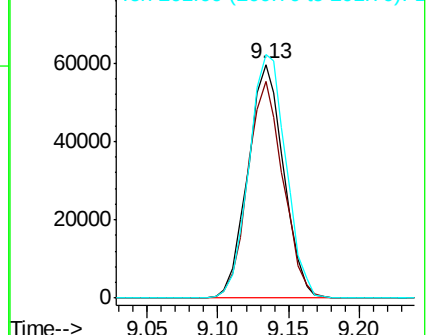
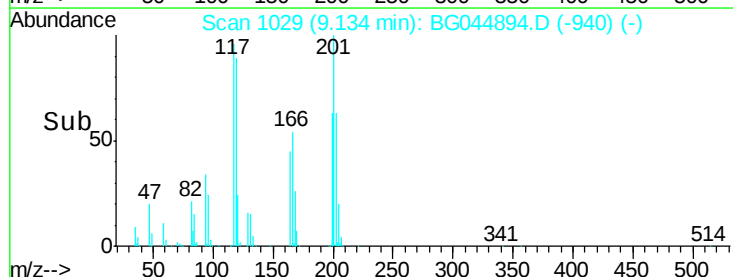
201 104.1 81.1 121.7

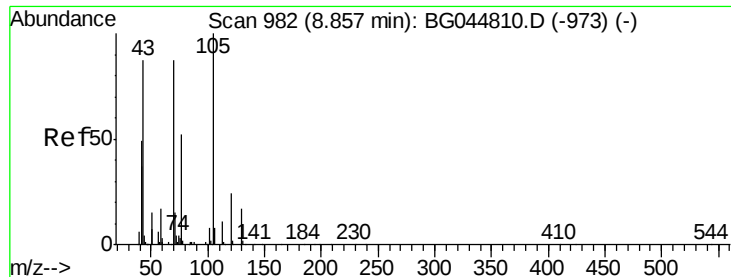


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

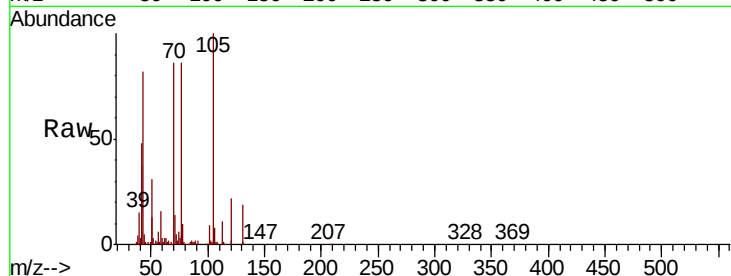




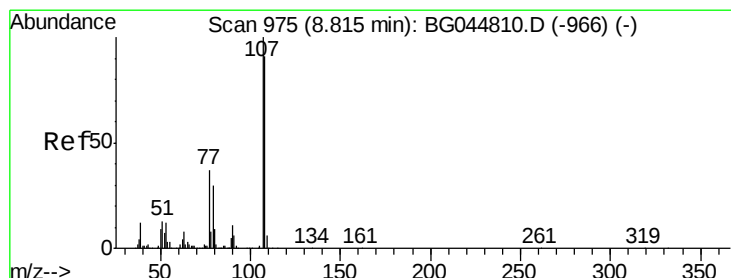
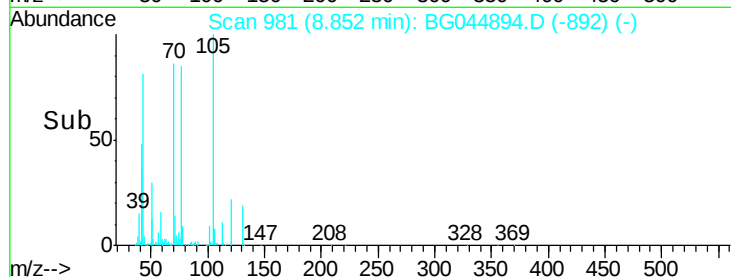
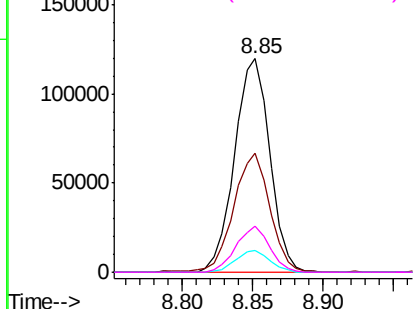
#19
n-Nitroso-di-n-propylamine
Concen: 42.295 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 208463
Ion Ratio Lower Upper
70 100
42 56.0 45.7 68.5
101 10.1 7.4 11.2
130 21.5 15.9 23.9

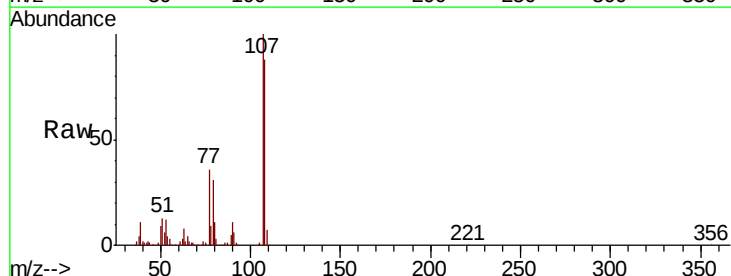


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

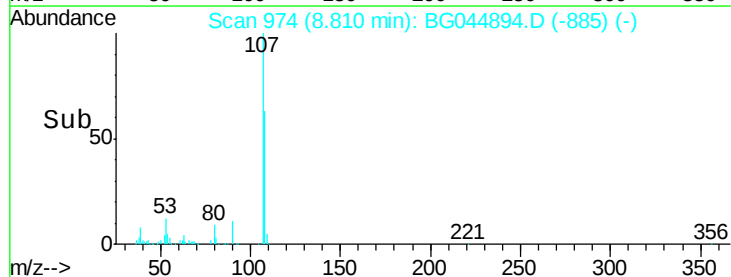
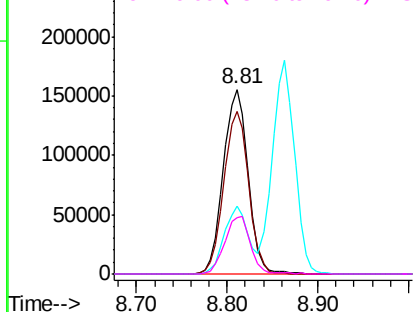


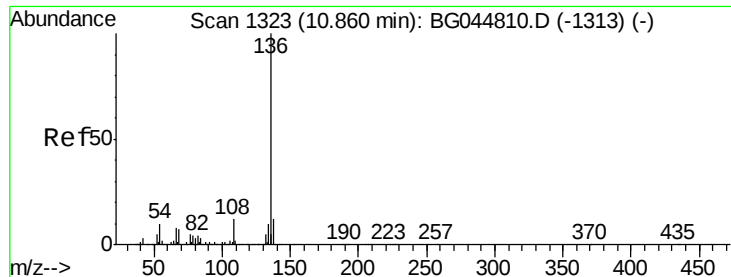
#20
3+4-Methylphenols
Concen: 45.683 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:107 Resp: 294789
Ion Ratio Lower Upper
107 100
108 88.4 71.3 111.3
77 36.5 16.9 56.9
79 30.8 9.7 49.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 284175

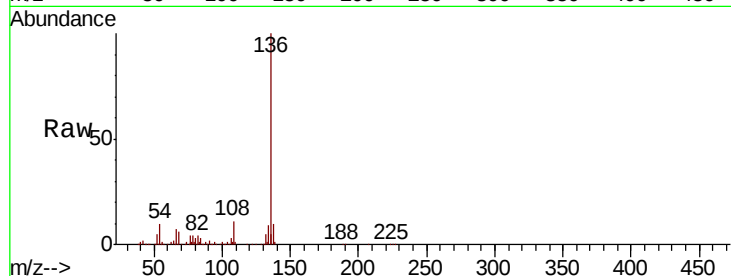
Ion Ratio Lower Upper

136 100

137 9.9 9.8 14.6

54 10.2 7.9 11.9

68 5.6 5.4 8.0

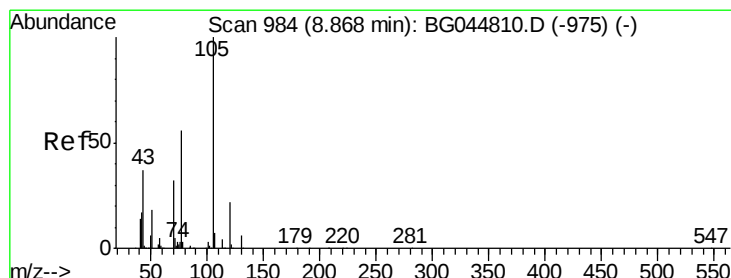
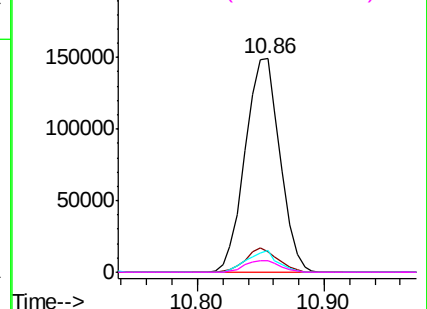
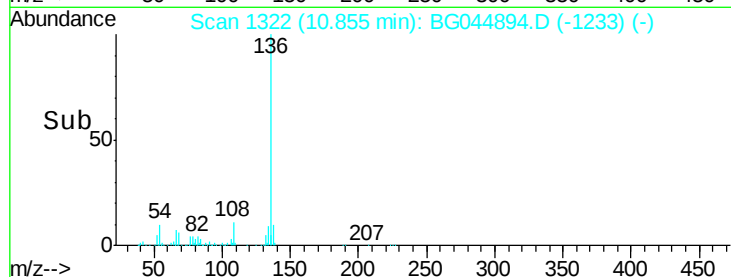


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.802 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:105 Resp: 376786

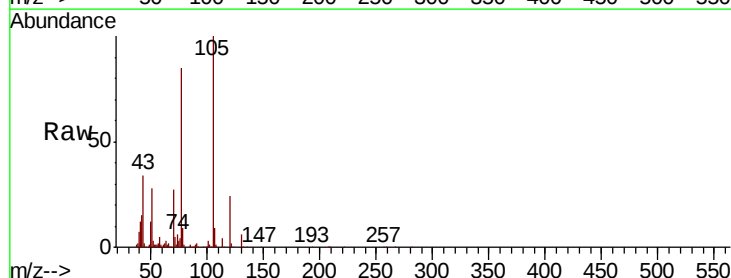
Ion Ratio Lower Upper

105 100

71 4.7 3.9 5.9

51 27.7 22.6 33.8

120 23.8 17.3 25.9

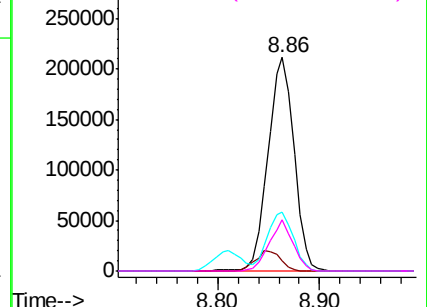
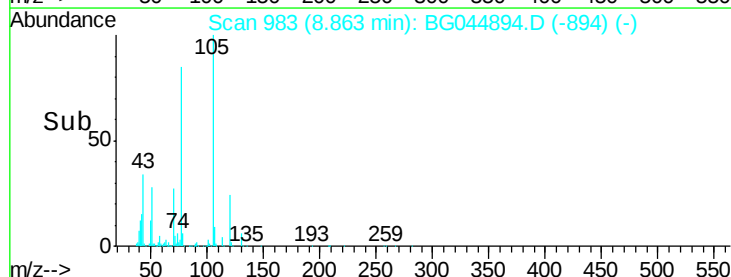


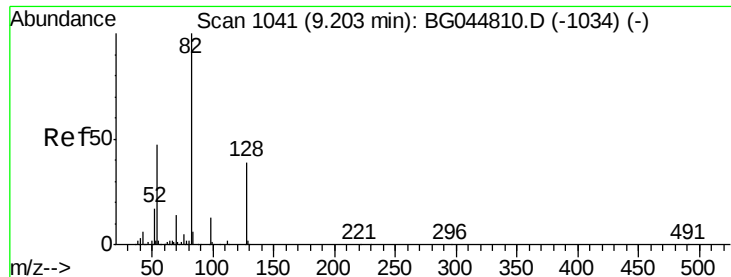
Abundance Ion 105.00 (104.70 to 105.70): E

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

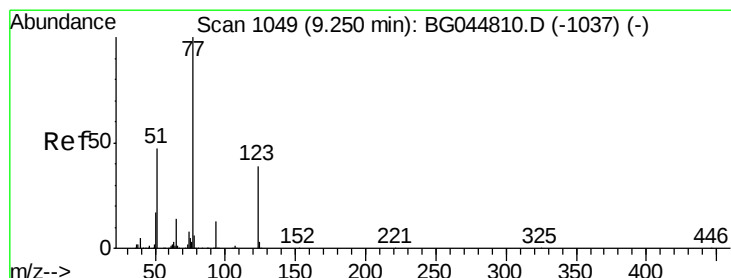
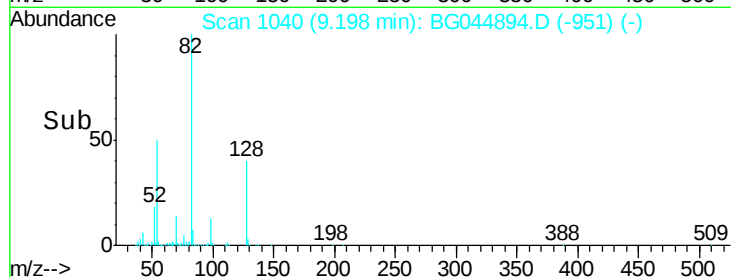
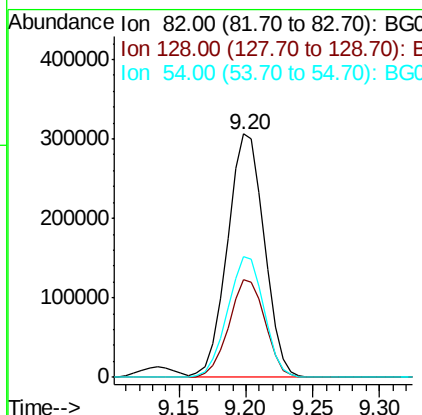
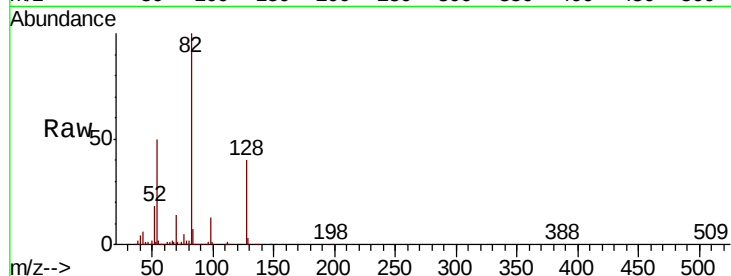




#23
 Nitrobenzene-d5
 Concen: 90.868 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

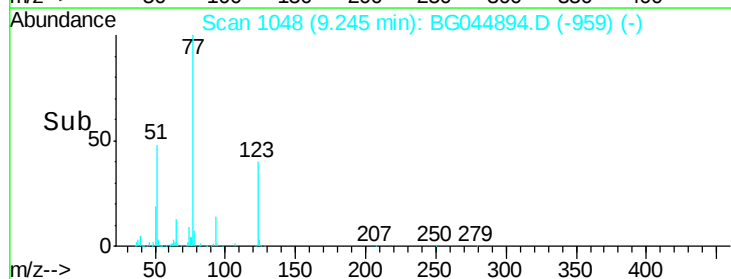
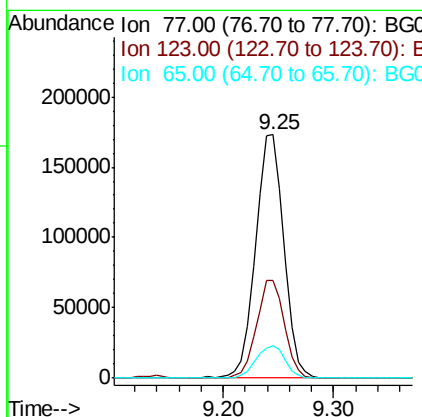
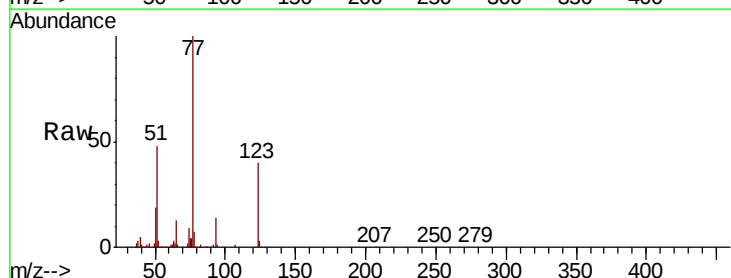
Instrument :
 BNA_G
 ClientSampleId :

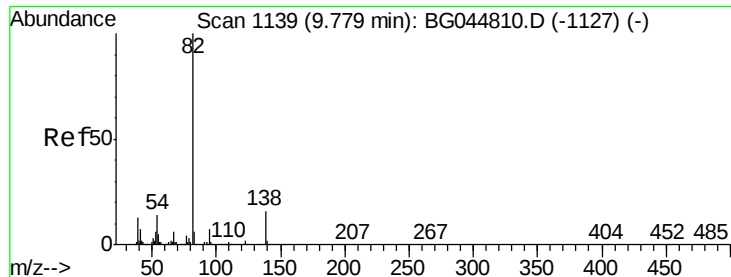
Tot Ion	82	Resp	588457
Ion Ratio	Lower	Upper	
82	100		
128	40.3	30.6	46.0
54	49.8	37.1	55.7



#24
 Nitrobenzene
 Concen: 46.438 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	77	Resp	312040
Ion Ratio	Lower	Upper	
77	100		
123	39.9	31.3	46.9
65	13.3	11.4	17.0

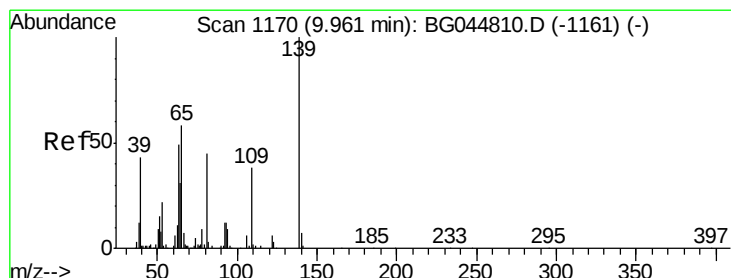
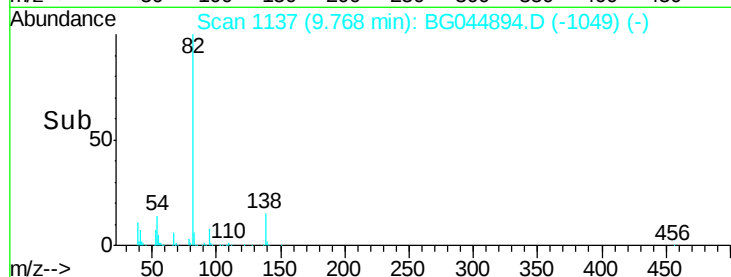
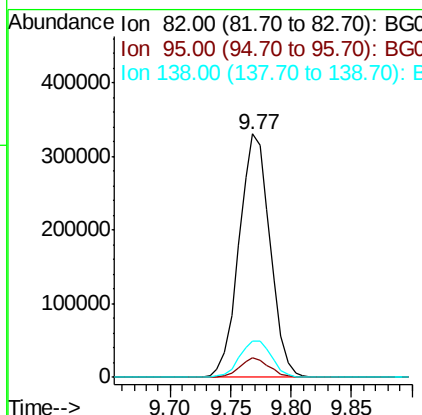
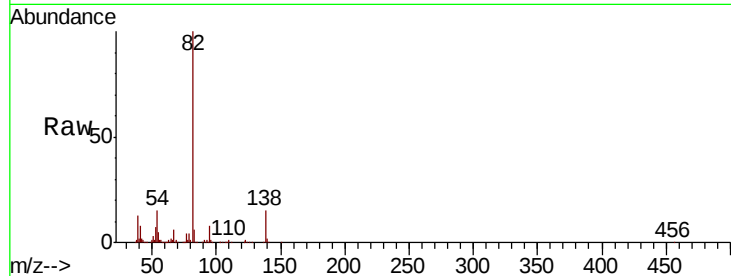




#25
Isophorone
Concen: 46.835 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

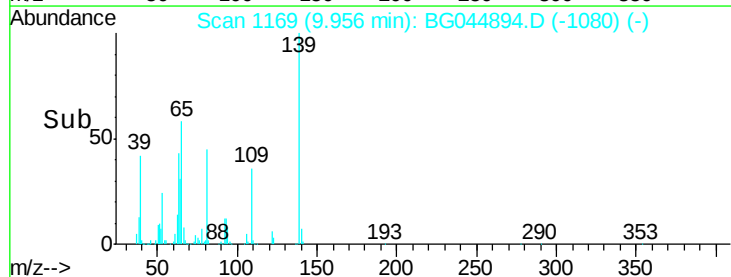
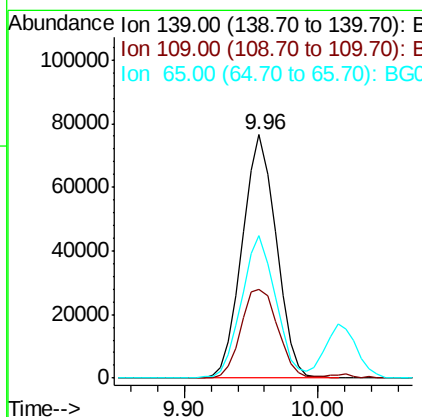
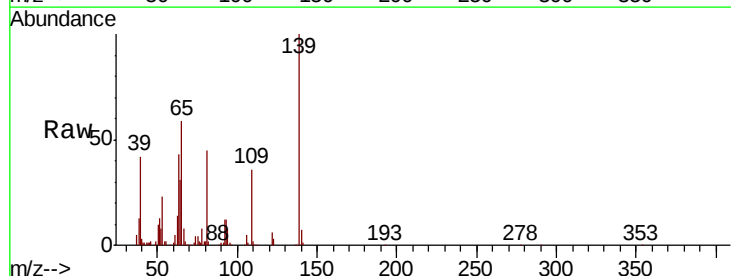
Instrument :
BNA_G
ClientSampleId :

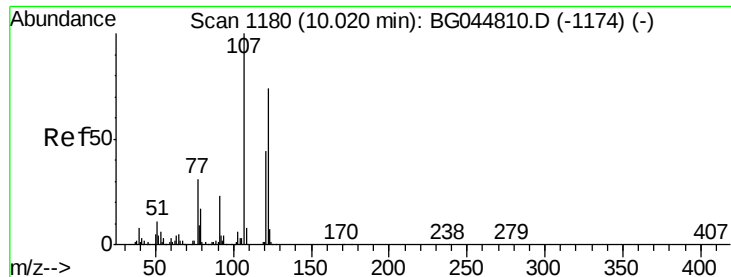
Tot Ion	82	Resp	591961
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.5	8.3
138	14.8	12.5	18.7



#26
2-Nitrophenol
Concen: 56.756 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	139	Resp	135054
Ion Ratio	Lower	Upper	
139	100		
109	36.2	30.2	45.4
65	58.5	46.3	69.5

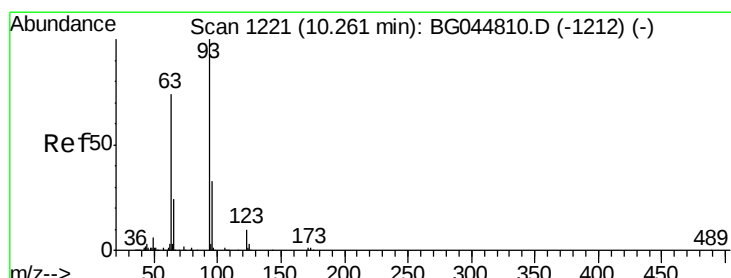
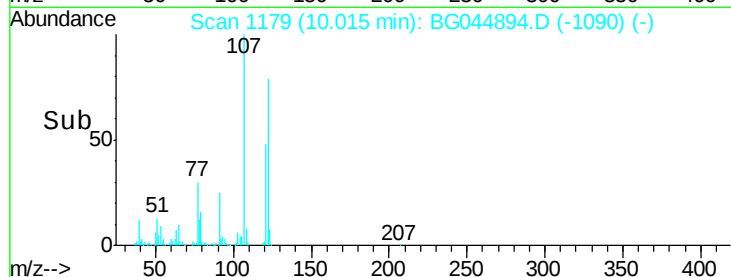
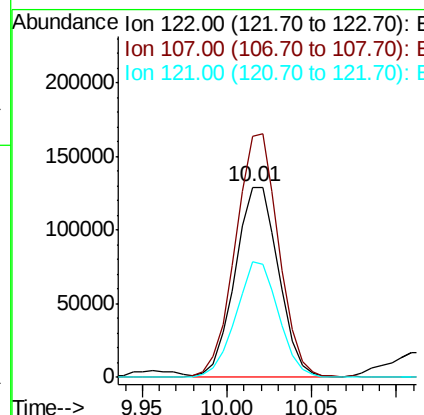
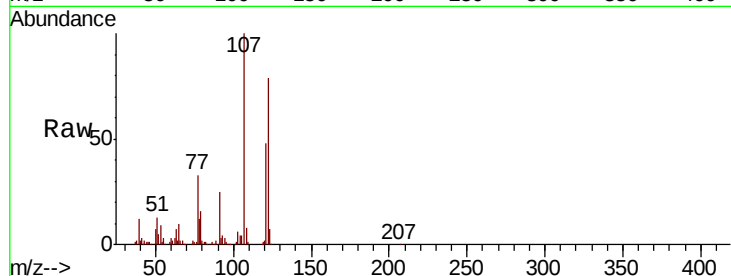




#27
 2,4-Dimethylphenol
 Concen: 55.997 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

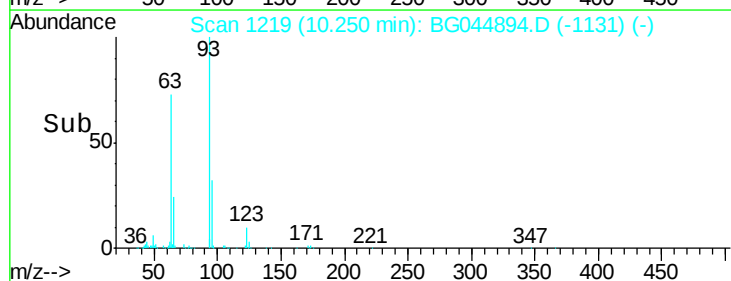
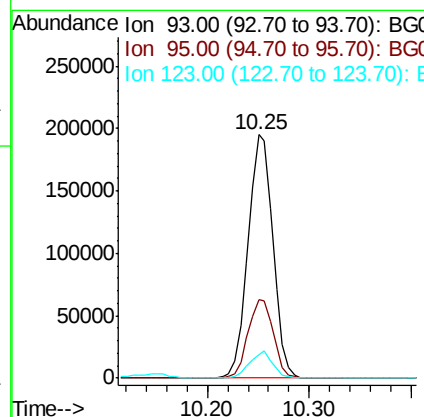
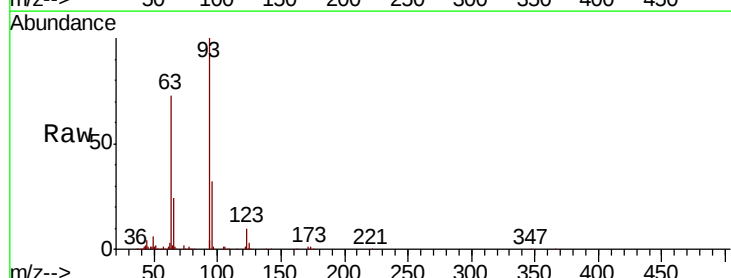
Instrument :
 BNA_G
 ClientSampleId :

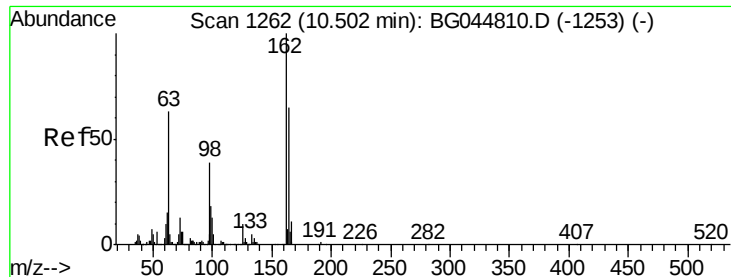
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.9	107.1	160.7
121	60.7	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.896 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	9.6	8.4	12.6

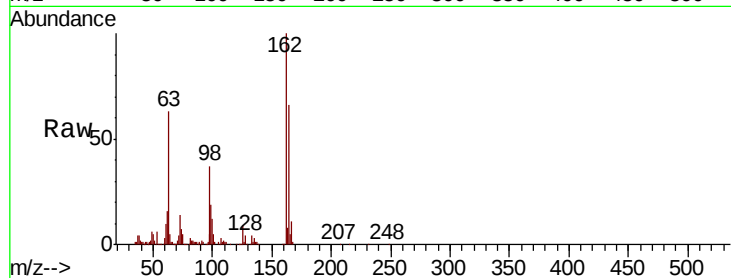




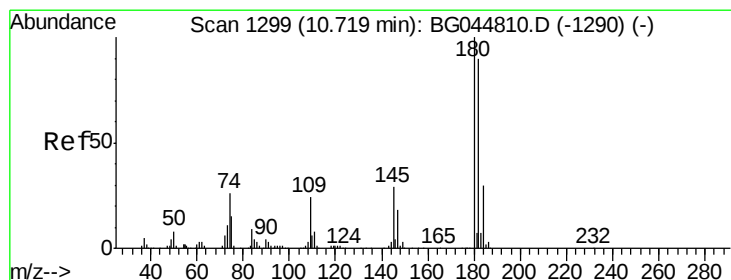
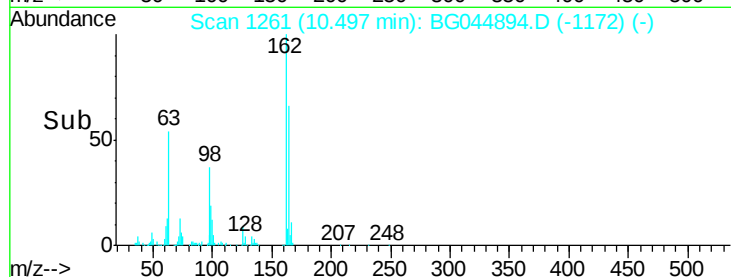
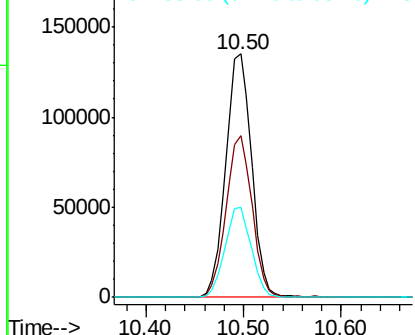
#29
 2,4-Dichlorophenol
 Concen: 51.710 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	45.2	85.2
98	37.2	19.0	59.0

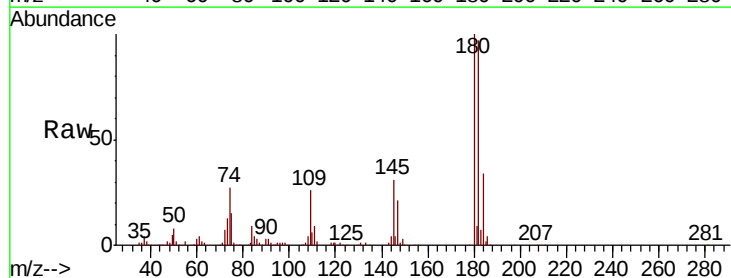


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

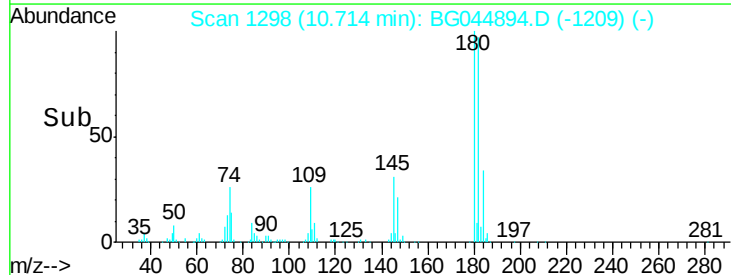
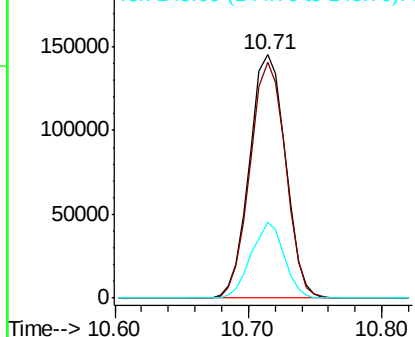


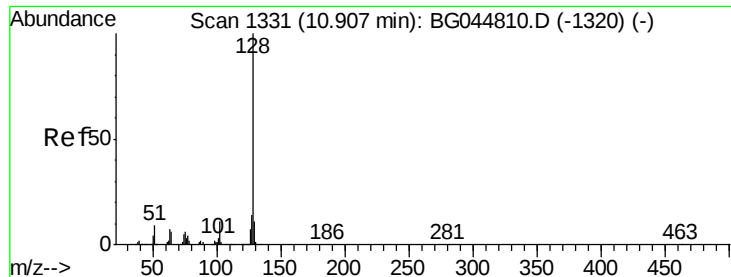
#30
 1,2,4-Trichlorobenzene
 Concen: 47.010 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	71.6	107.4
145	31.3	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

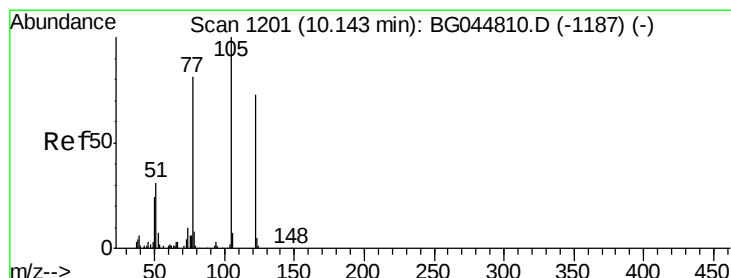
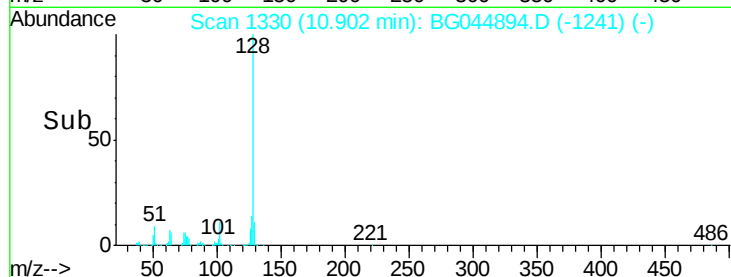
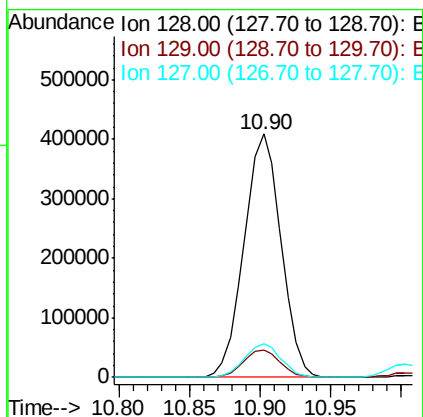
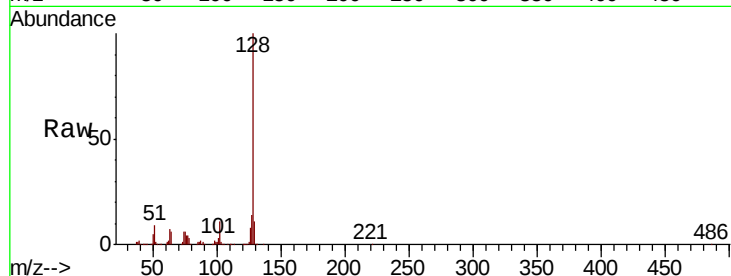




#31
Naphthalene
Concen: 47.721 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

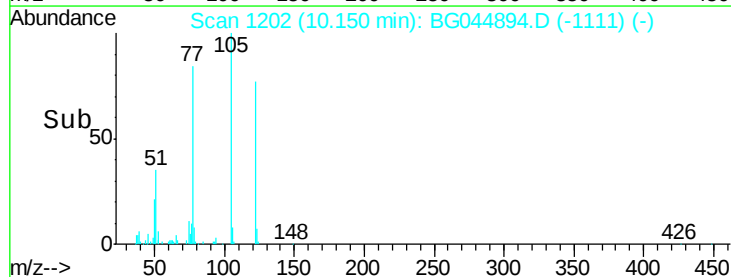
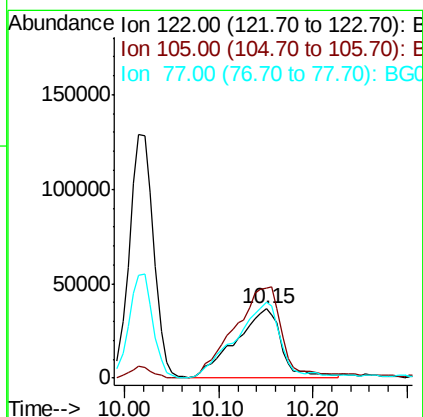
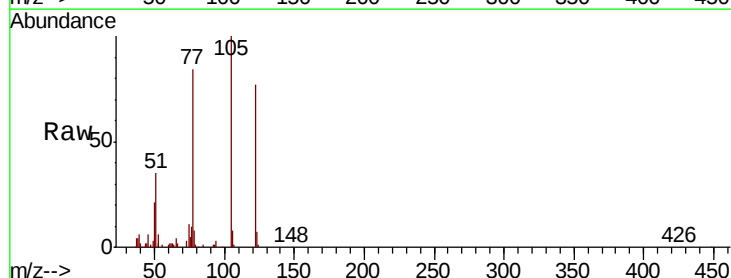
Instrument :
BNA_G
ClientSampleId :

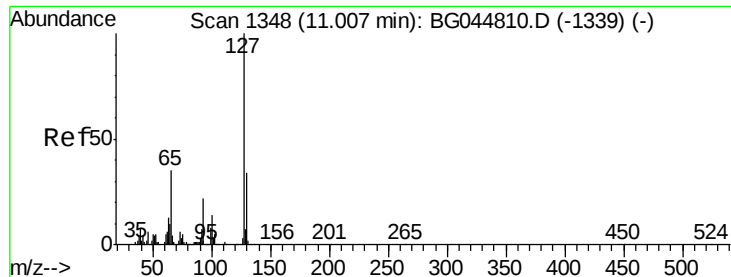
Tot Ion:128 Resp: 751225
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 40.327 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:122 Resp: 123100
Ion Ratio Lower Upper
122 100
105 129.6 109.1 149.1
77 109.1 85.3 125.3

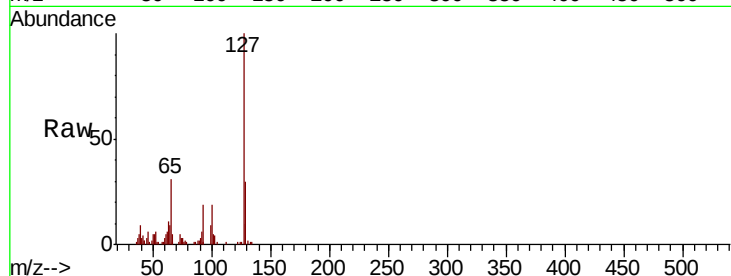




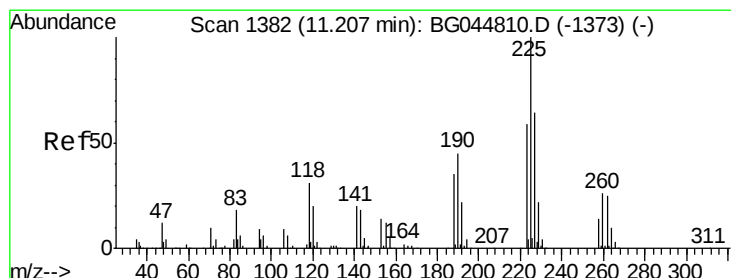
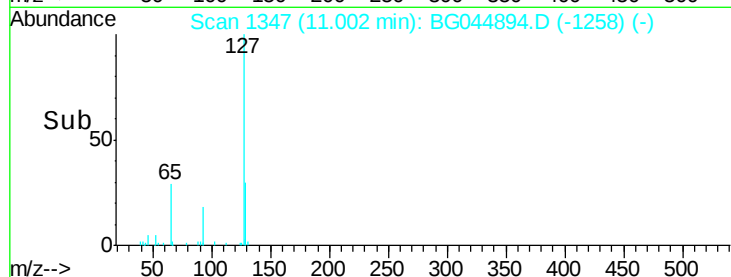
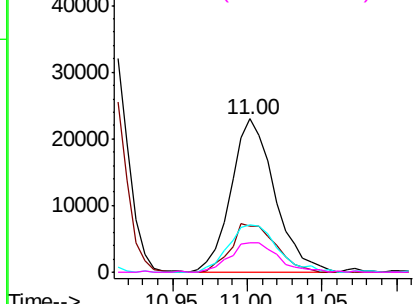
#33
4-Chloroaniline
Concen: 6.601 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	46818
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.9	40.3
65	31.0	27.7	41.5
92	19.0	17.4	26.2

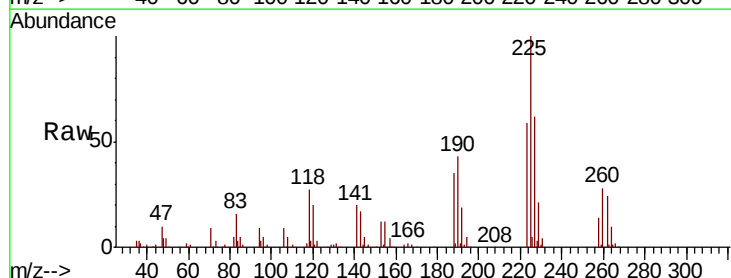


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

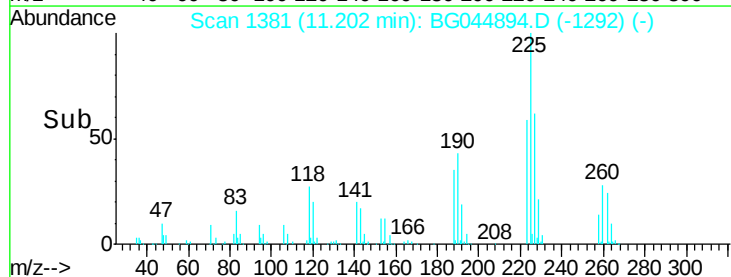
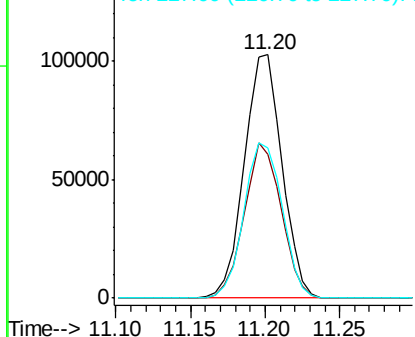


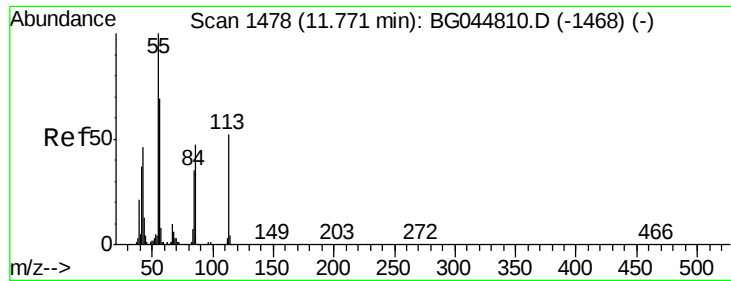
#34
Hexachlorobutadiene
Concen: 47.493 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:	225	Resp:	179537
Ion	Ratio	Lower	Upper
225	100		
223	59.3	47.4	71.0
227	61.9	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

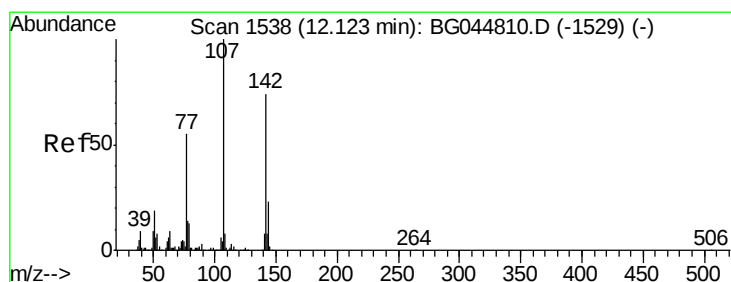
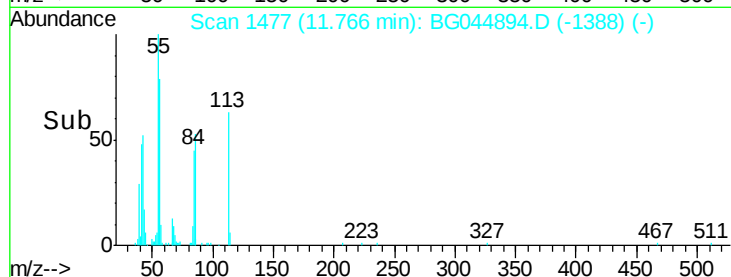
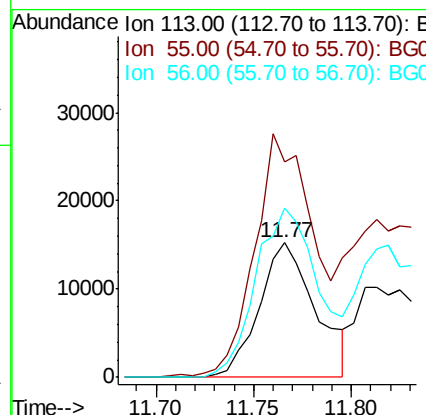
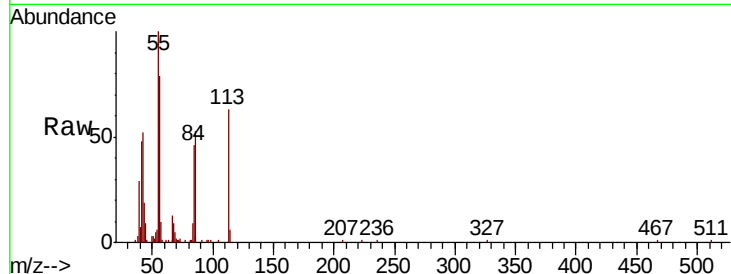




#35
 Caprolactam
 Concen: 16.726 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

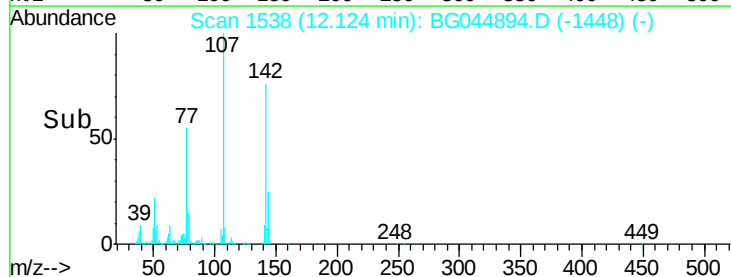
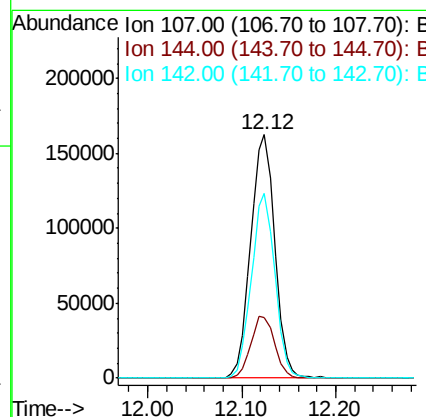
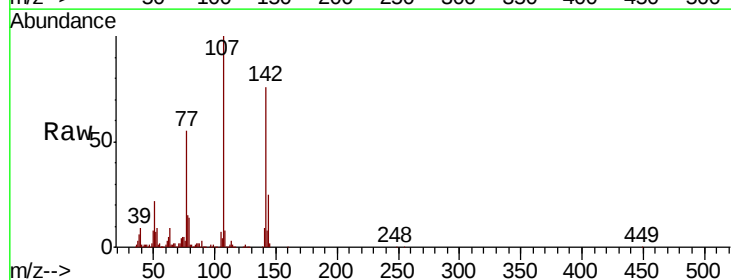
Instrument :
 BNA_G
 ClientSampleId :

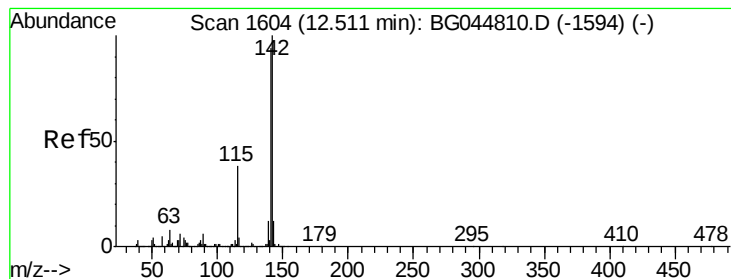
Tot Ion:113 Resp: 30445
 Ion Ratio Lower Upper
 113 100
 55 159.8 173.8 213.8#
 56 126.2 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 50.456 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion:107 Resp: 289302
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.0 27.0
 142 75.7 59.0 88.4





#37

2-Methylnaphthalene

Concen: 47.577 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

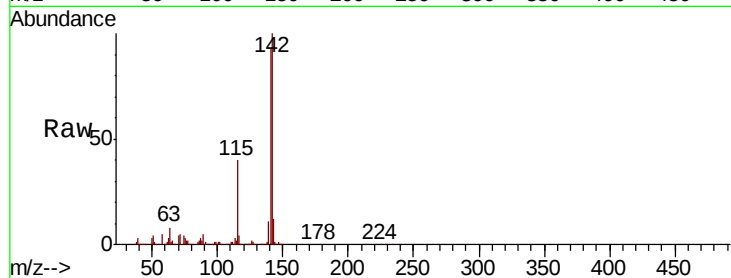
Tot Ion:142 Resp: 560244

Ion Ratio Lower Upper

142 100

141 92.6 75.1 112.7

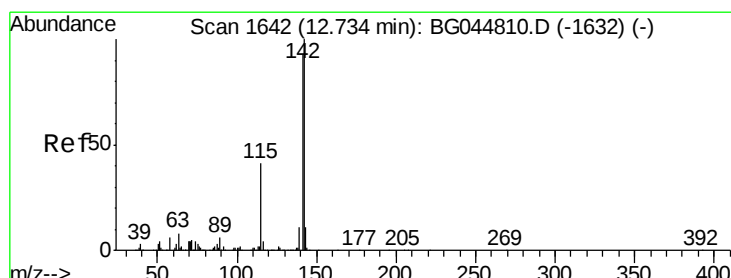
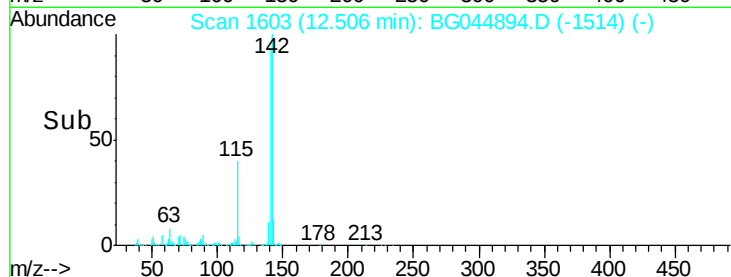
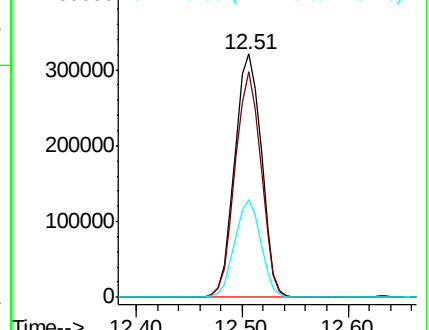
115 40.3 30.6 46.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.570 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

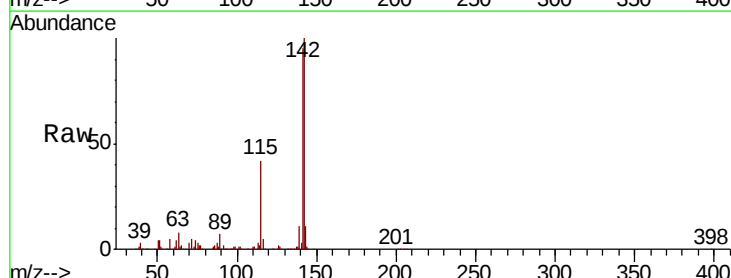
Tgt Ion:142 Resp: 526633

Ion Ratio Lower Upper

142 100

141 94.8 74.7 112.1

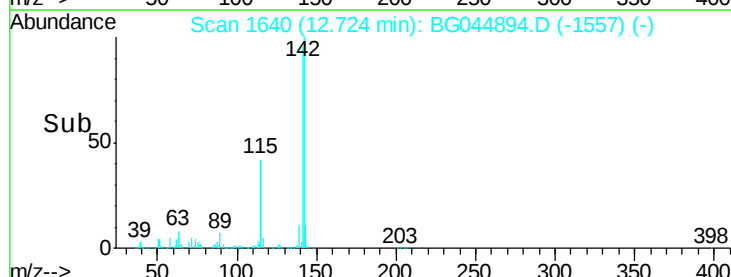
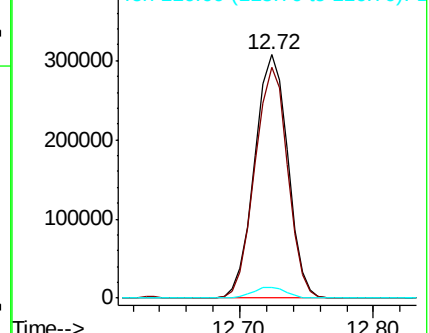
116 4.6 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

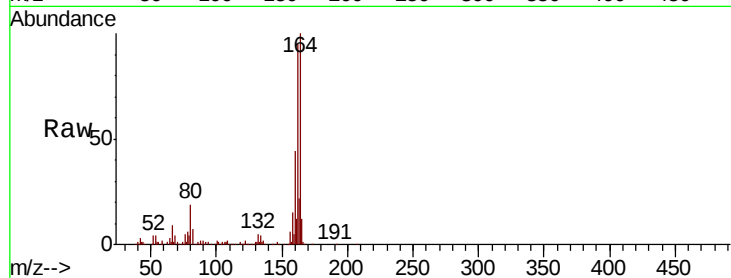
Tot Ion:164 Resp: 197323

Ion Ratio Lower Upper

164 100

162 95.3 76.7 115.1

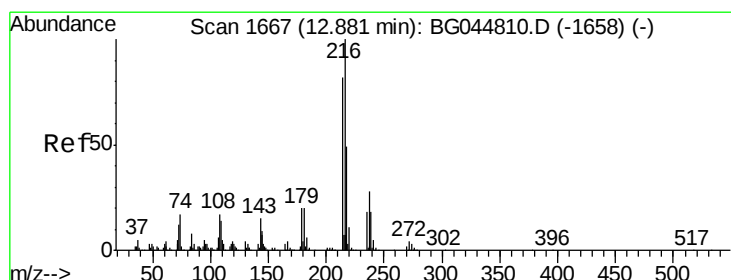
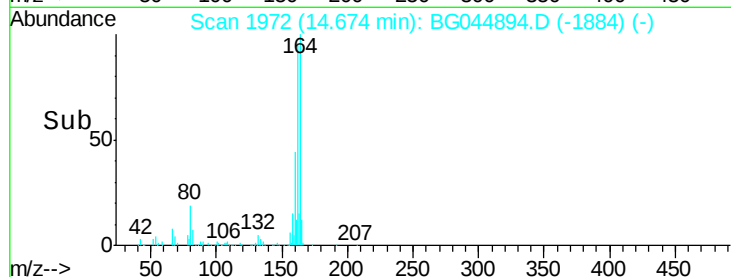
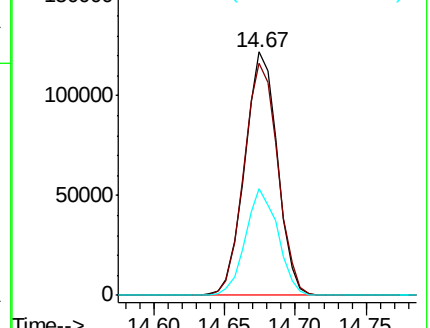
160 43.8 35.0 52.4



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: 45.517 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:216 Resp: 295789

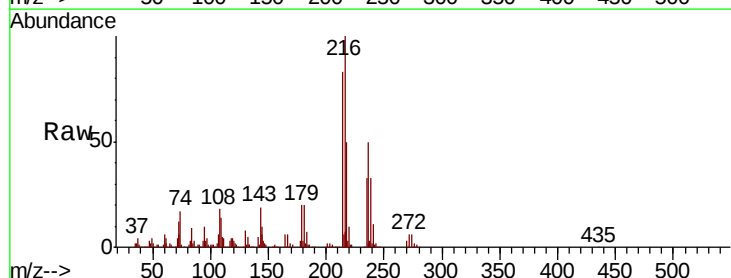
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 20.2 16.2 24.2

108 20.5 14.6 22.0

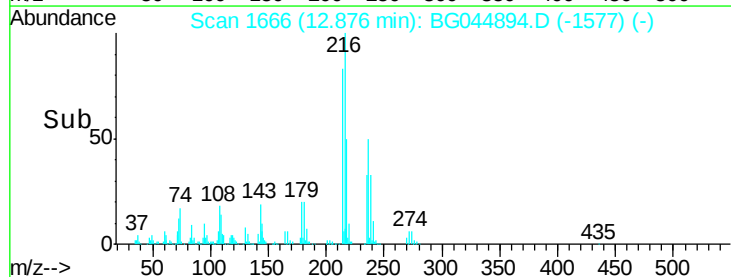
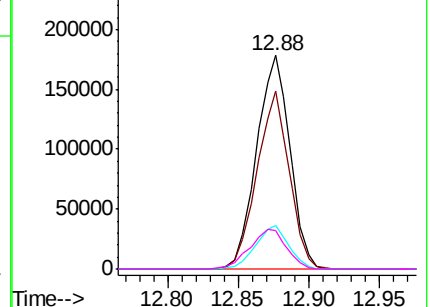


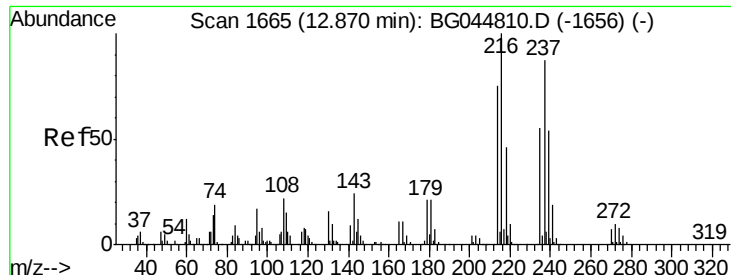
Abundance Ion 216.00 (215.70 to 216.70): E

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

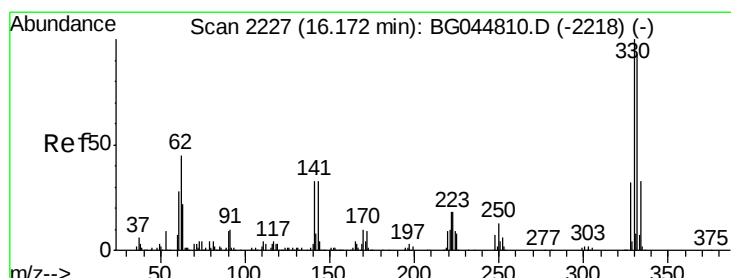
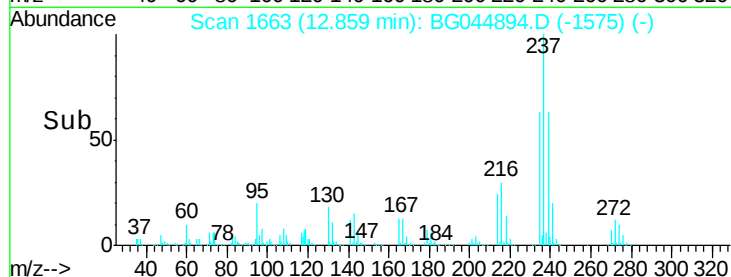
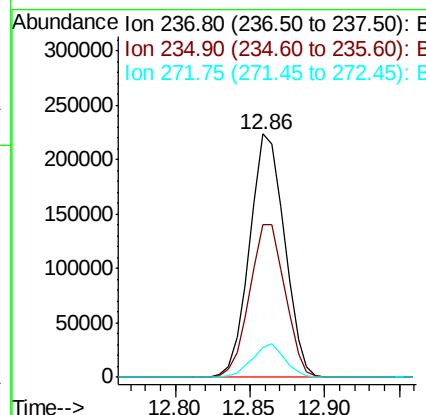
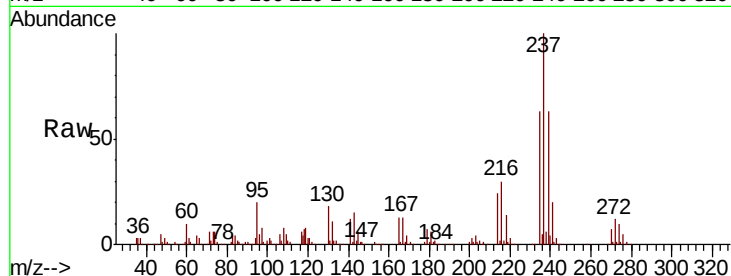




#41
Hexachlorocyclopentadiene
Concen: 101.676 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

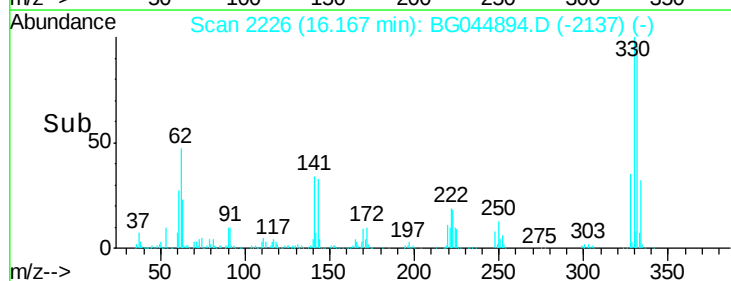
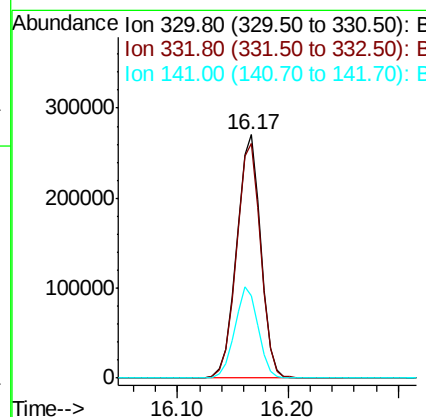
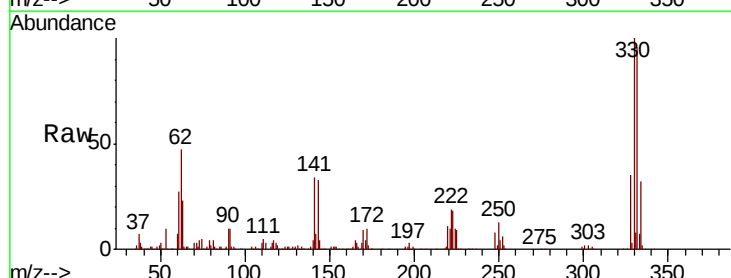
Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 361095
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 12.1 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 159.404 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:330 Resp: 411842
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 36.8 29.5 44.3

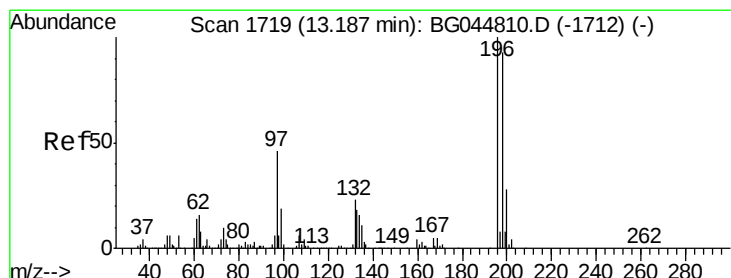
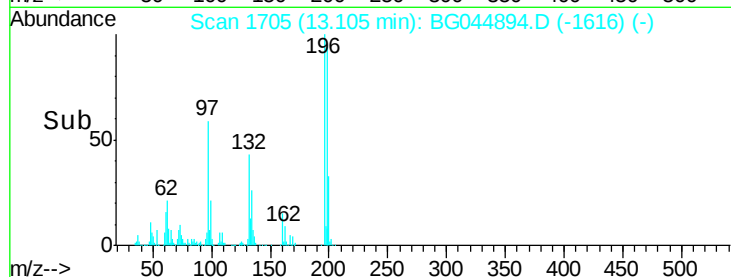
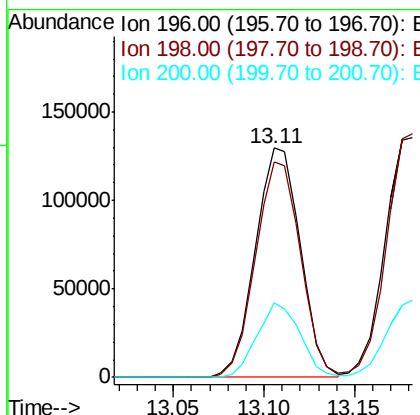
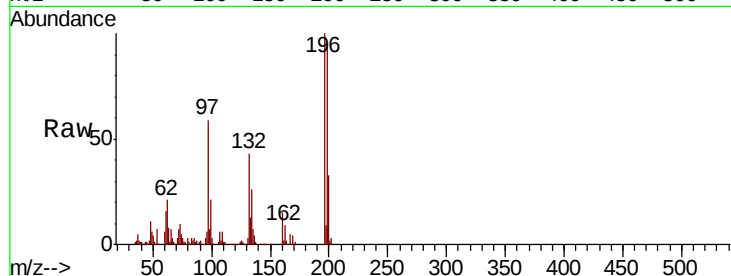




#43
 2,4,6-Trichlorophenol
 Concen: 51.655 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

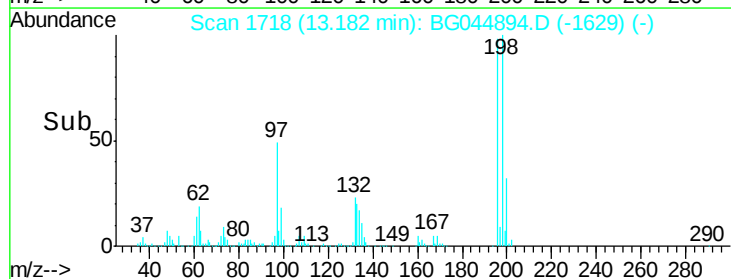
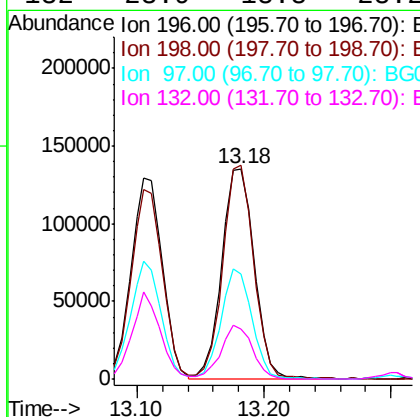
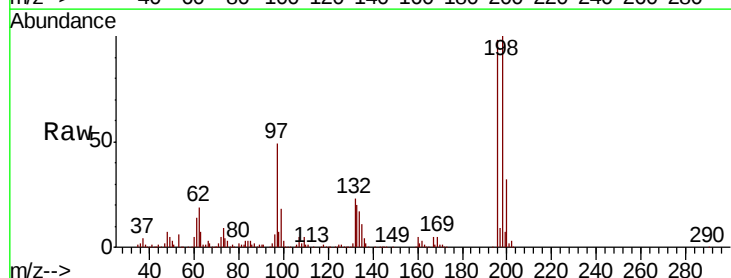
Instrument :
 BNA_G
 ClientSampleId :

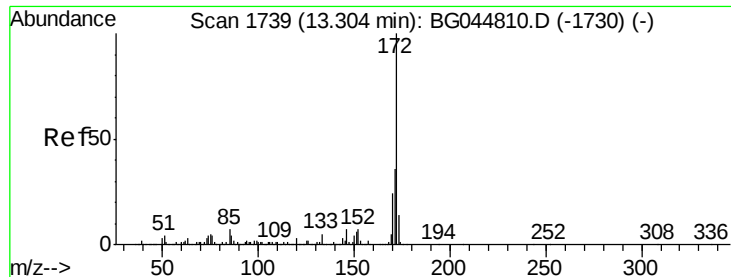
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.9	112.3
200	32.6	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 53.405 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.8	74.2	111.4
97	50.0	36.7	55.1
132	23.9	18.8	28.2

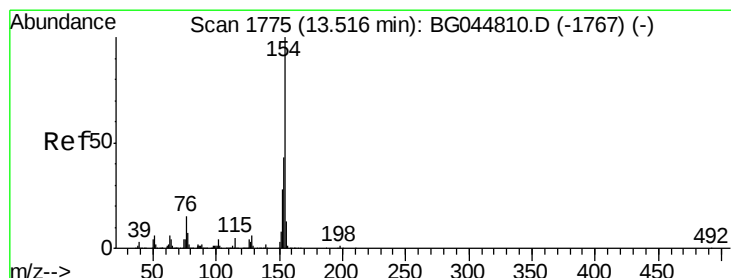
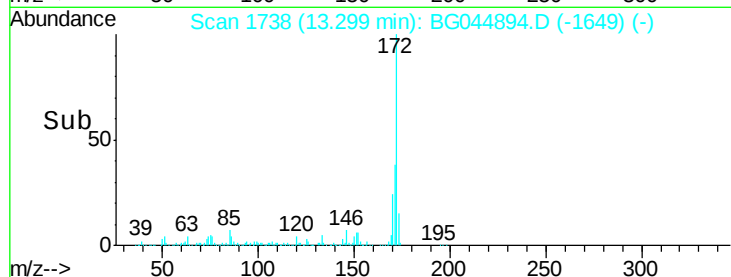
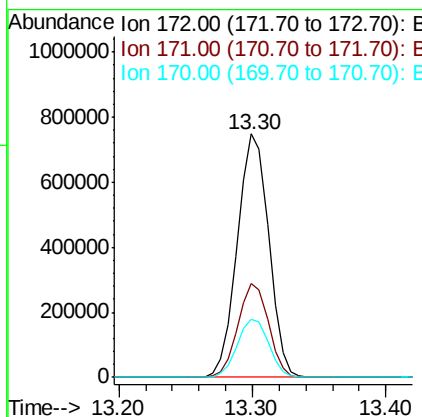
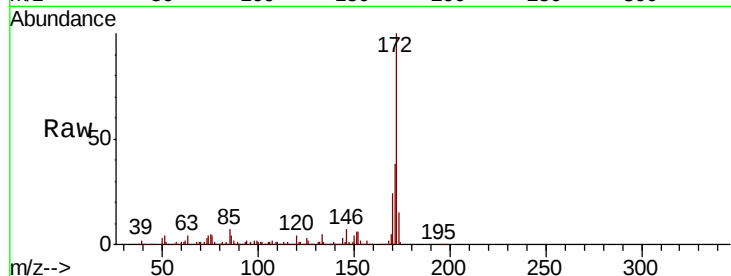




#45
2-Fluorobiphenyl
Concen: 88.382 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

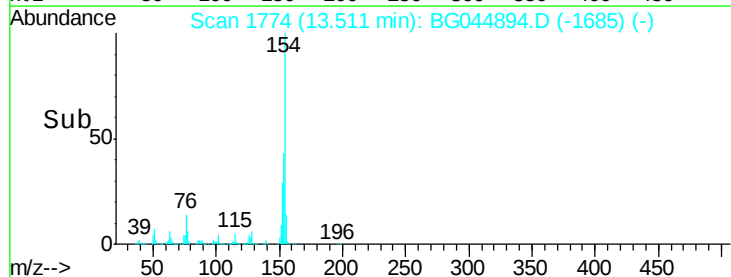
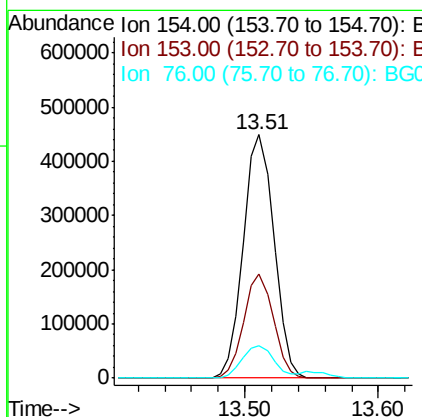
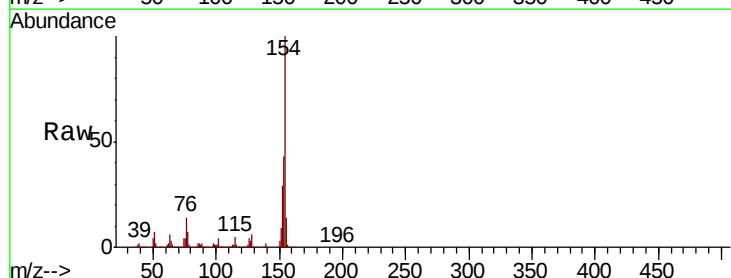
Instrument :
BNA_G
ClientSampleId :

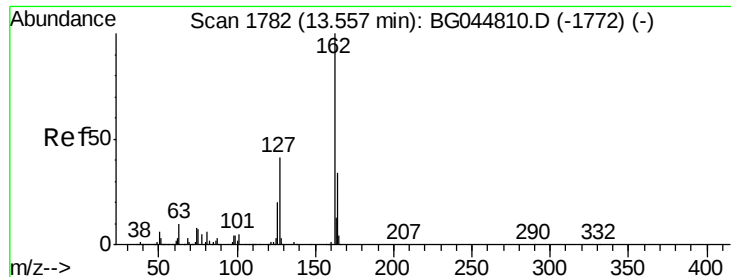
Tot Ion:172 Resp: 1217831
Ion Ratio Lower Upper
172 100
171 38.4 28.7 43.1
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.148 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:154 Resp: 711921
Ion Ratio Lower Upper
154 100
153 42.6 22.9 62.9
76 13.6 0.0 34.6

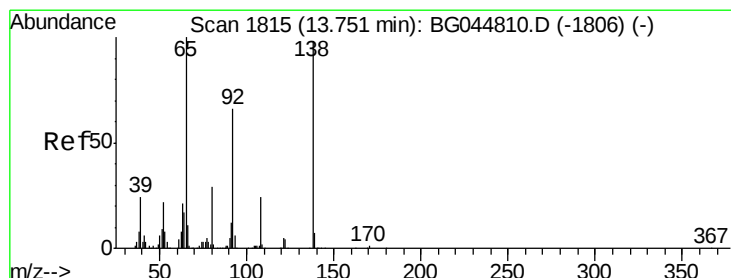
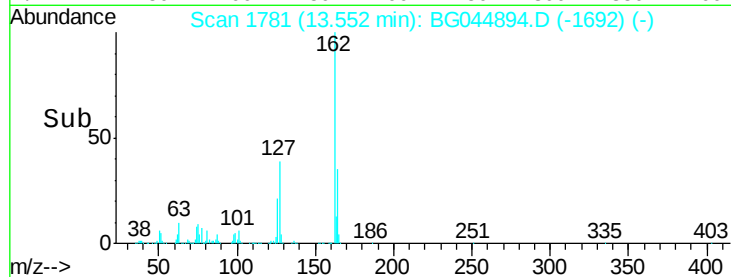
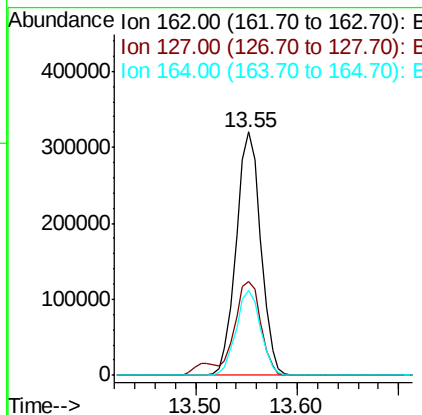
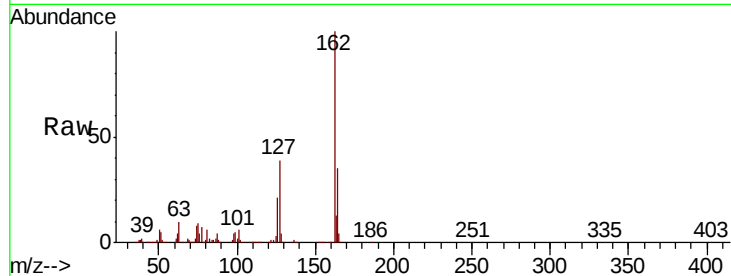




#47
 2-Chloronaphthalene
 Concen: 44.712 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

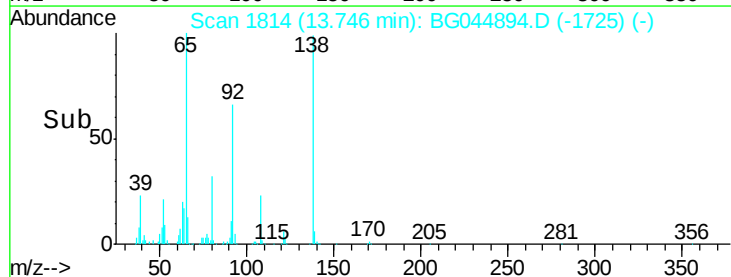
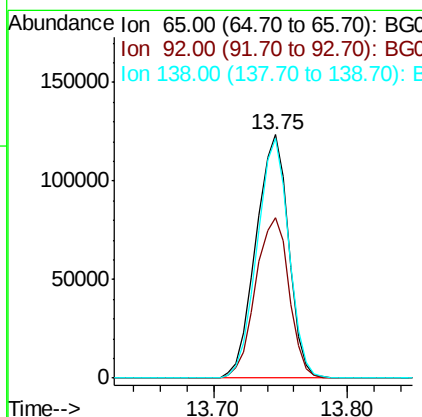
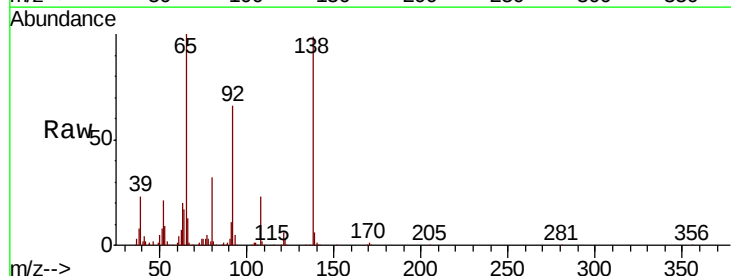
Instrument :
 BNA_G
 ClientSampleId :

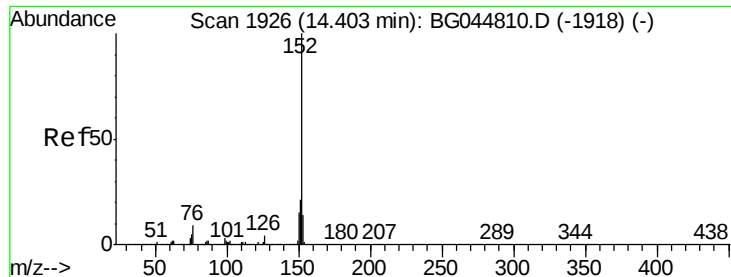
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.1	49.7
164	35.0	27.4	41.2



#48
 2-Nitroaniline
 Concen: 49.387 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.6	79.0
138	98.6	78.3	117.5





#49

Acenaphthylene

Concen: 48.285 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

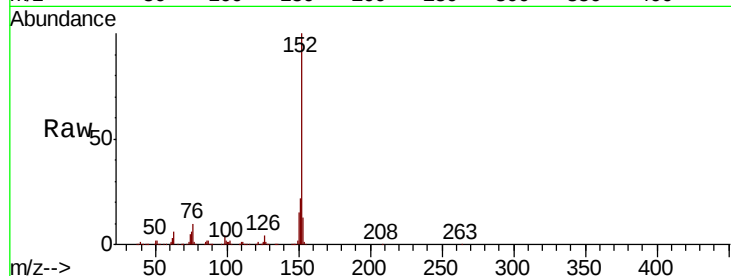
Tot Ion:152 Resp: 911218

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

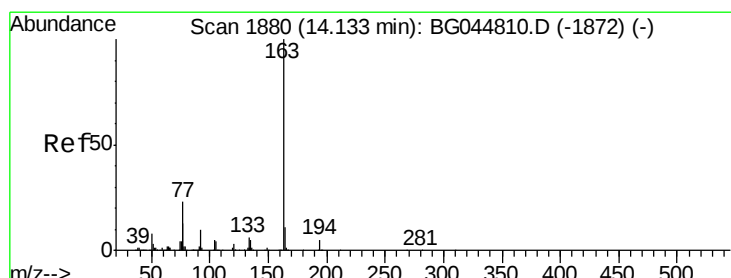
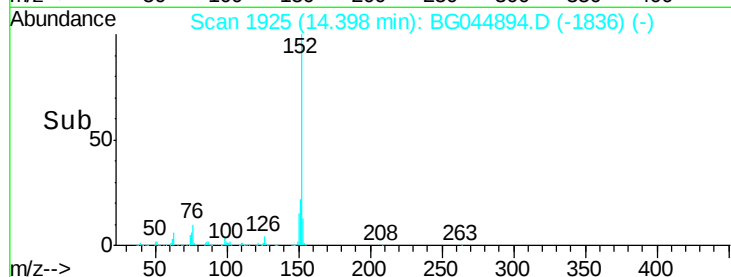
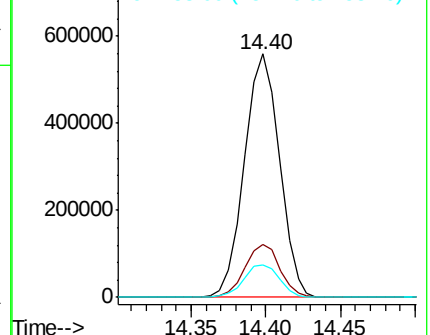
153 13.3 10.8 16.2



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: 51.601 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

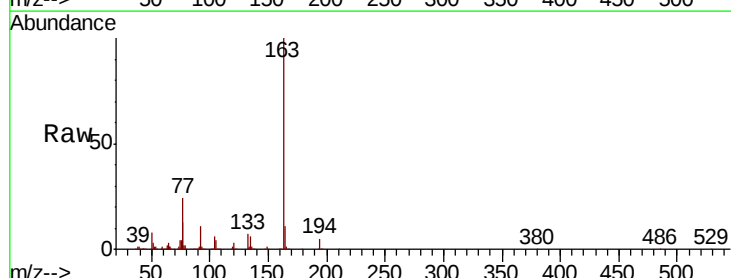
Tgt Ion:163 Resp: 810960

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

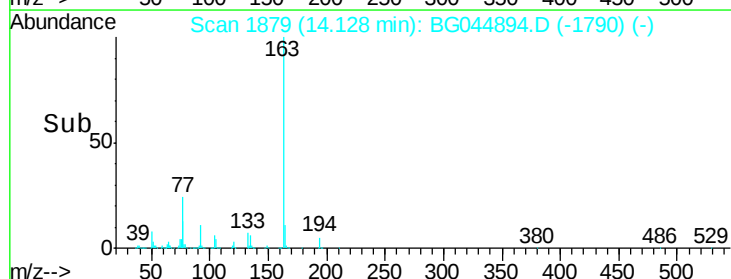
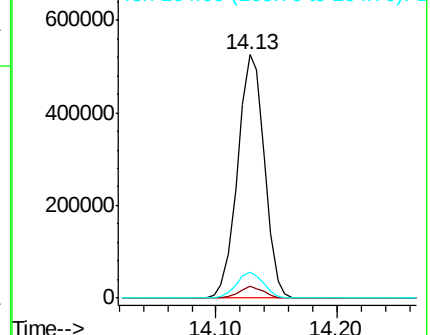
164 10.6 9.1 13.7

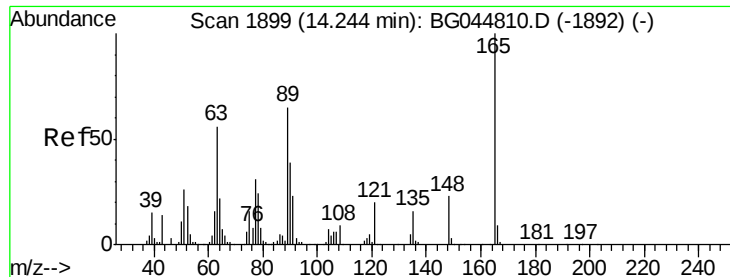


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

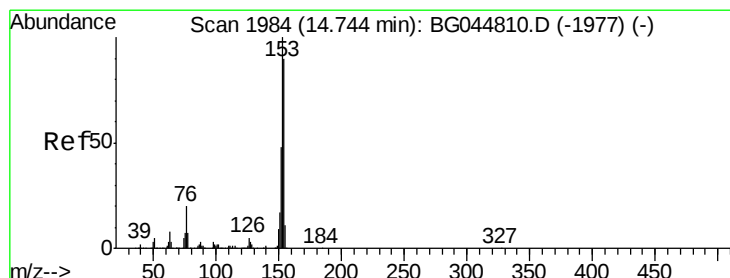
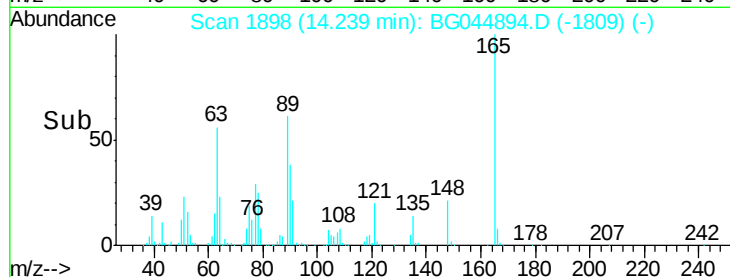
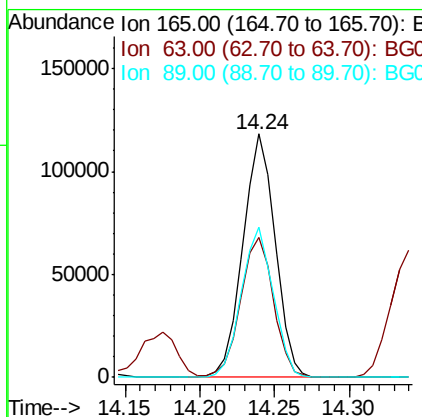
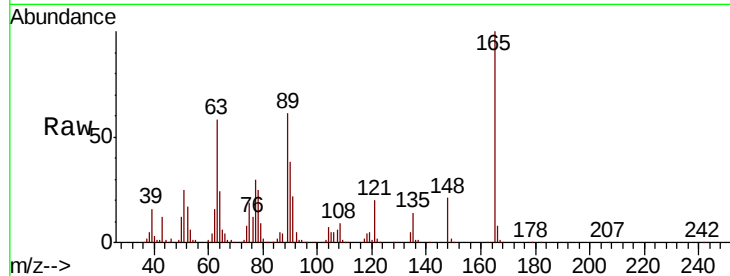




#51
 2,6-Dinitrotoluene
 Concen: 55.839 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

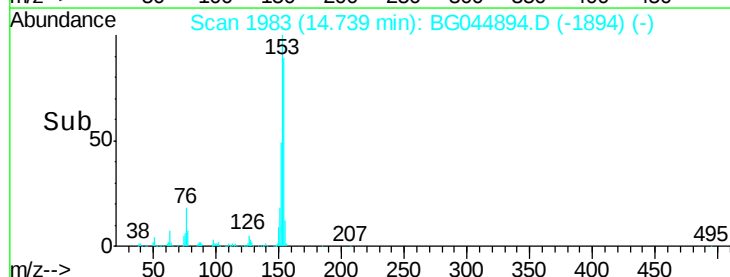
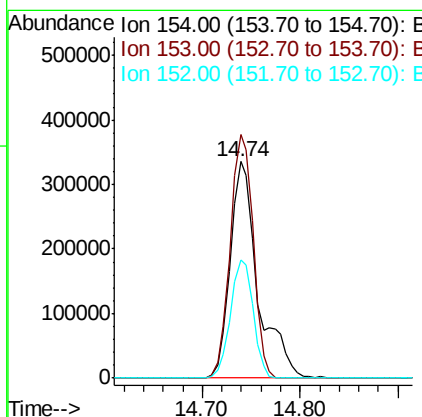
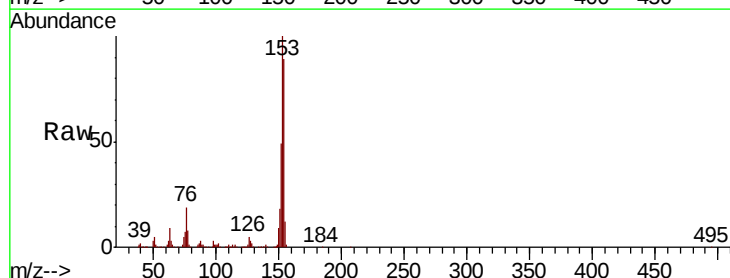
Instrument :
 BNA_G
 ClientSampleId :

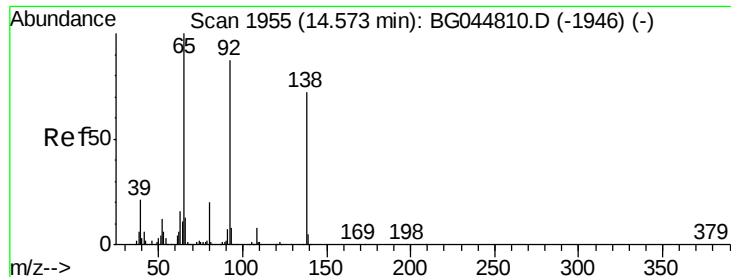
Tot Ion:165 Resp: 176888
 Ion Ratio Lower Upper
 165 100
 63 57.5 45.8 68.8
 89 61.5 51.8 77.6



#52
 Acenaphthene
 Concen: 53.593 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion:154 Resp: 662361
 Ion Ratio Lower Upper
 154 100
 153 112.5 89.0 133.6
 152 54.7 43.0 64.6

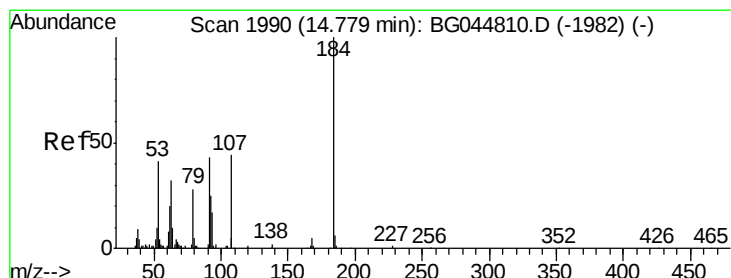
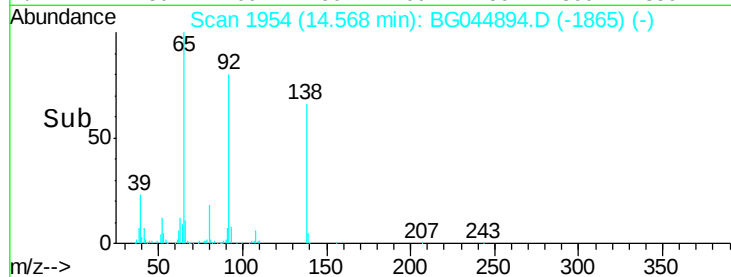
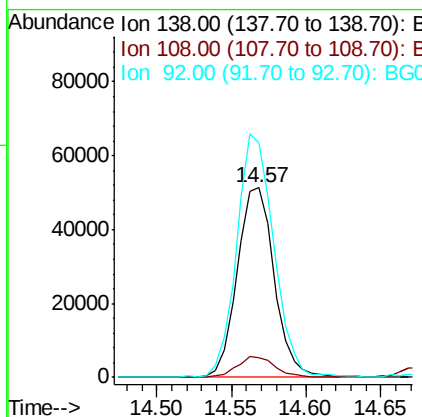
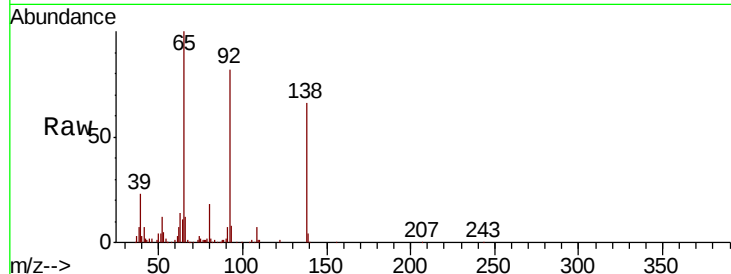




#53
3-Nitroaniline
Concen: 24.227 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

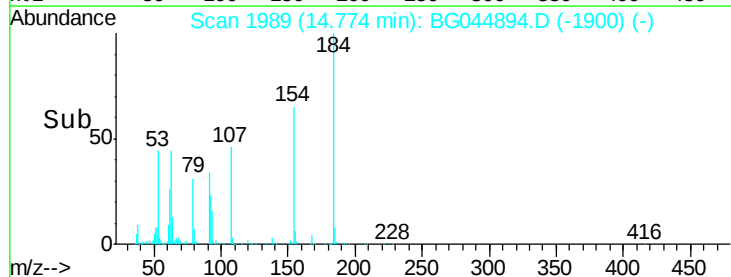
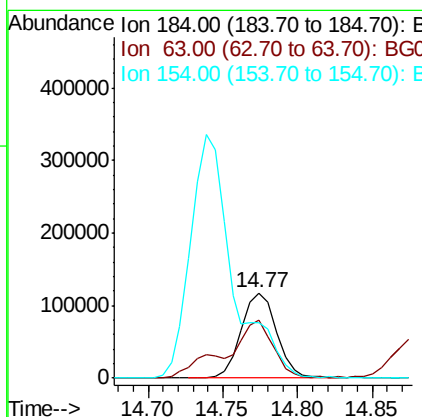
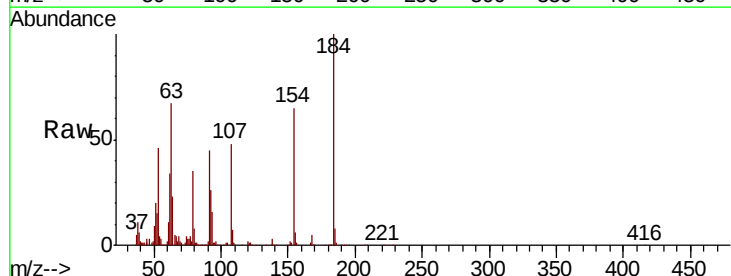
Instrument :
BNA_G
ClientSampleId :

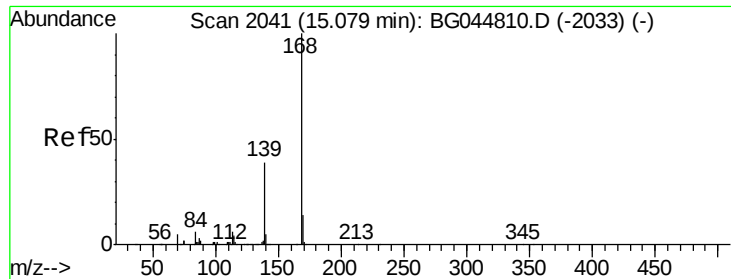
Tot Ion:138 Resp: 88237
Ion Ratio Lower Upper
138 100
108 10.1 9.0 13.4
92 123.9 96.8 145.2



#54
2,4-Dinitrophenol
Concen: 112.910 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:184 Resp: 193232
Ion Ratio Lower Upper
184 100
63 67.4 45.5 68.3
154 64.7 49.1 73.7

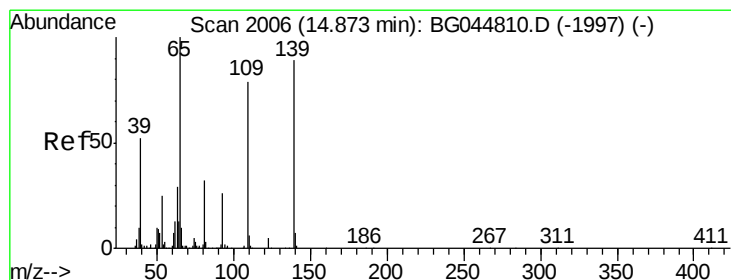
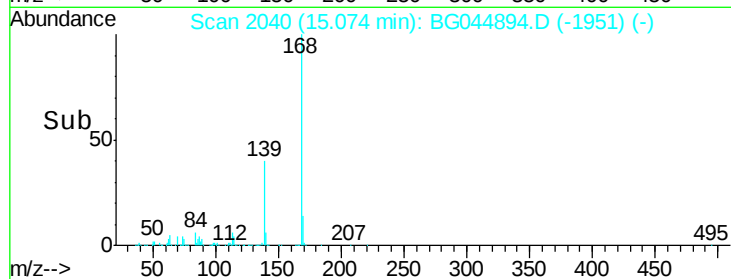
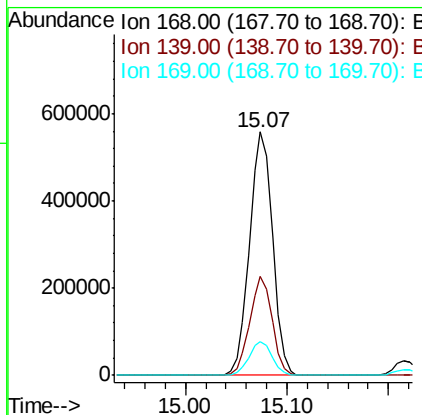
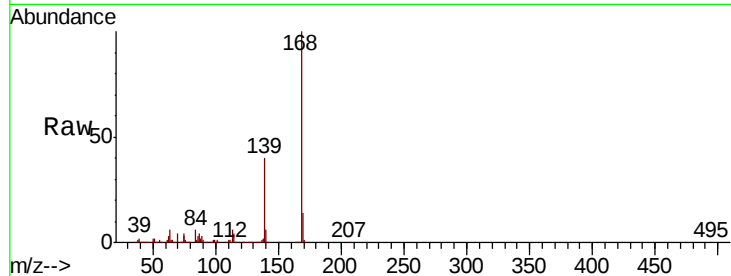




#55
 Dibenzofuran
 Concen: 49.082 ng
 RT: 15.07 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

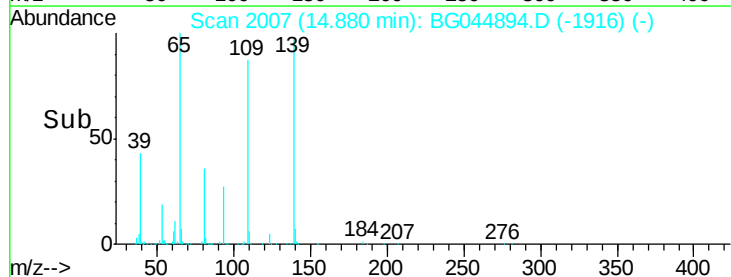
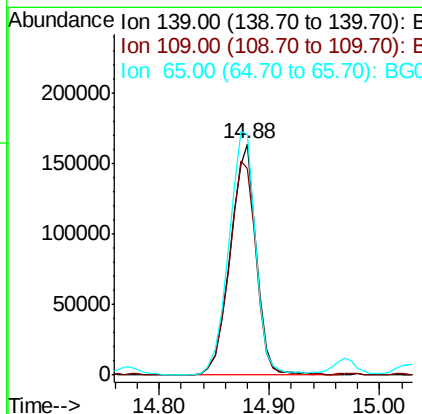
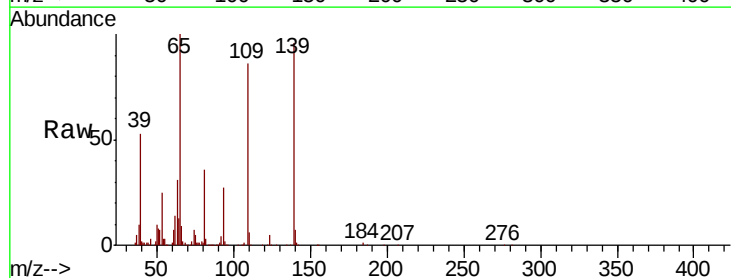
Instrument :
 BNA_G
 ClientSampleId :

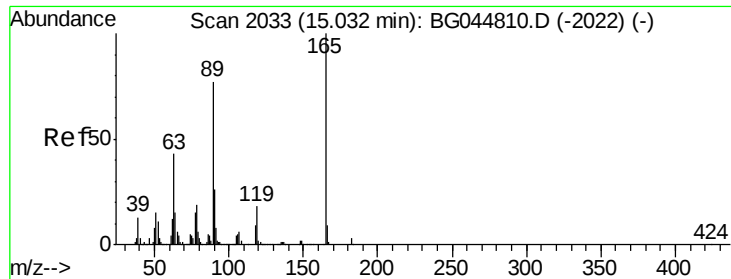
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.4	47.0
169	14.0	11.1	16.7



#56
 4-Nitrophenol
 Concen: 97.302 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.6	68.8	108.8
65	104.3	92.5	132.5

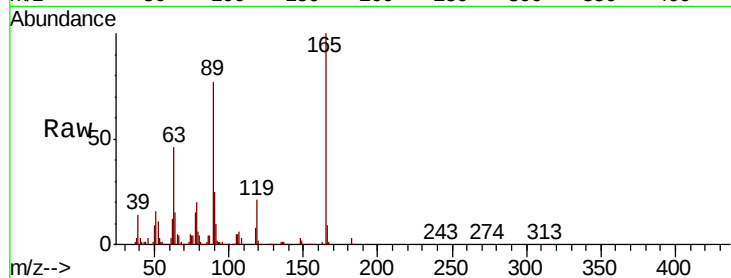




#57
2,4-Dinitrotoluene
Concen: 56.202 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	34.6	52.0
89	77.0	61.3	91.9
182	2.7	2.2	3.2



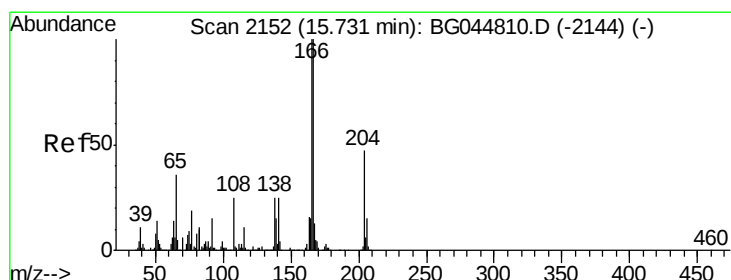
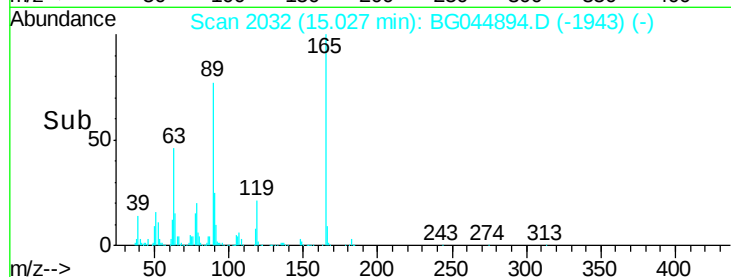
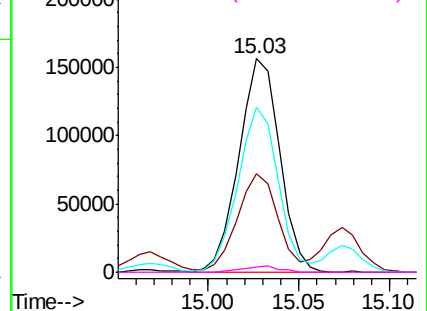
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

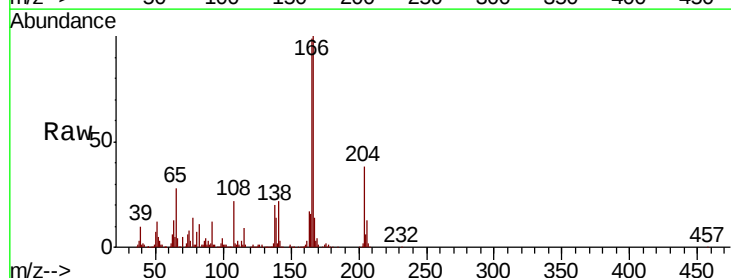
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.801 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.7	119.5
167	14.1	10.6	16.0

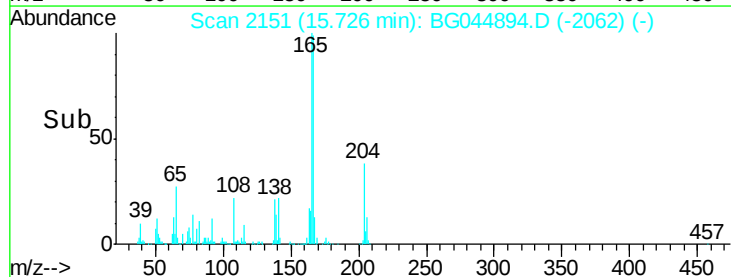
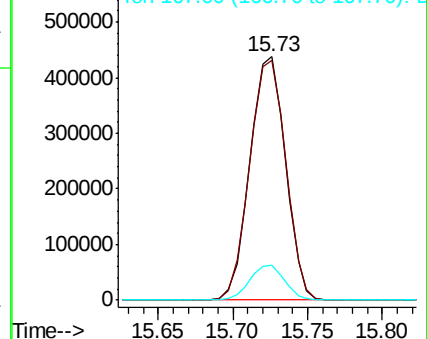


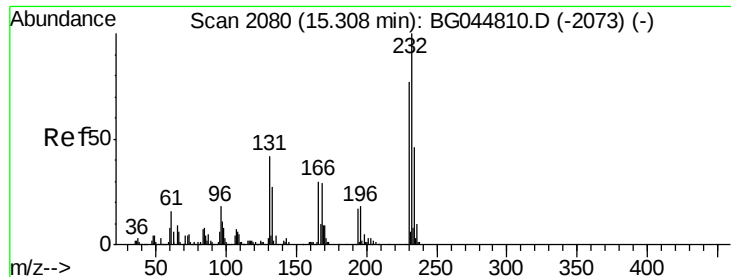
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

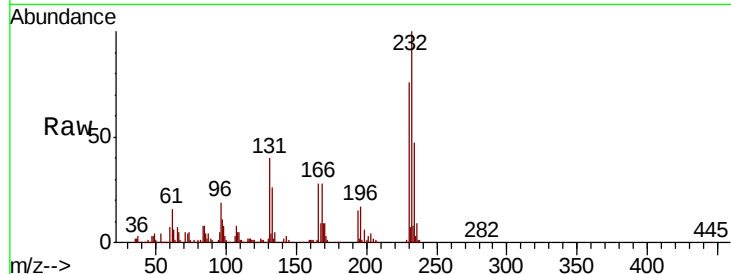




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.521 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	232736
Ion	Ratio	Lower	Upper
232	100		
131	41.8	31.8	47.8
130	2.7	2.2	3.2
166	29.2	20.2	30.2

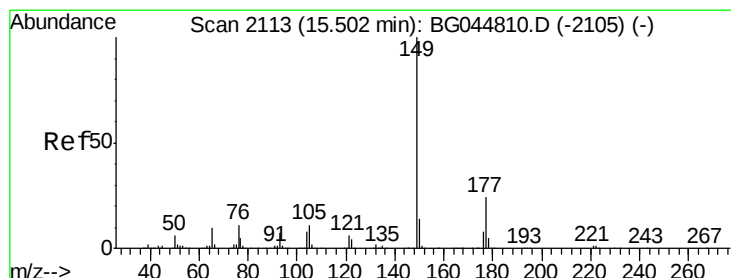
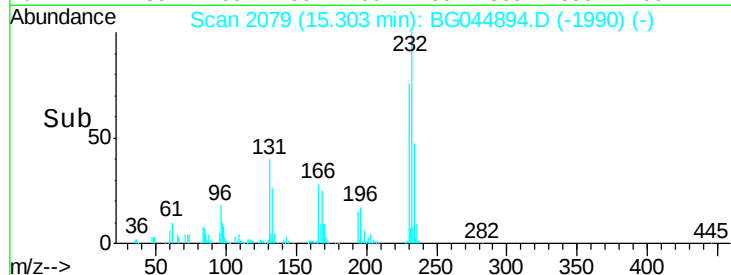
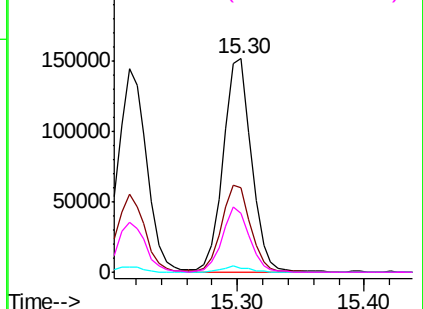


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

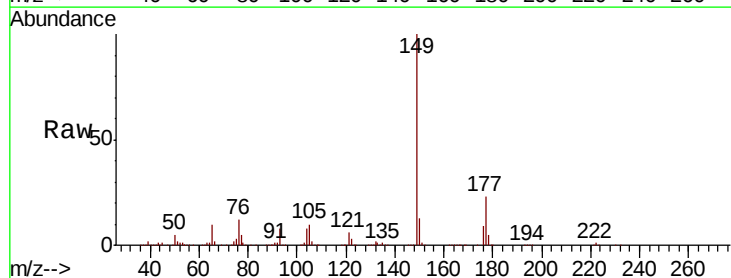
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 48.473 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

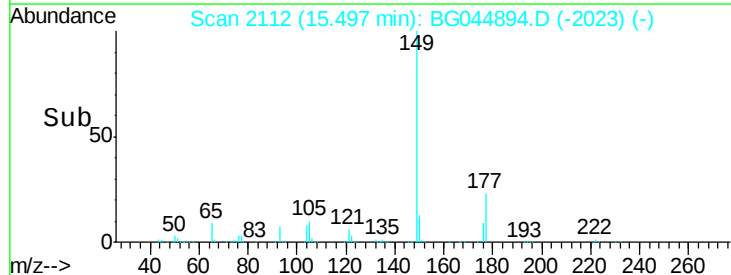
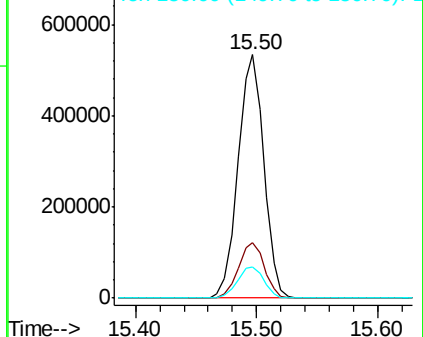
Tgt Ion:	149	Resp:	794547
Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.3	28.9
150	12.9	11.0	16.6

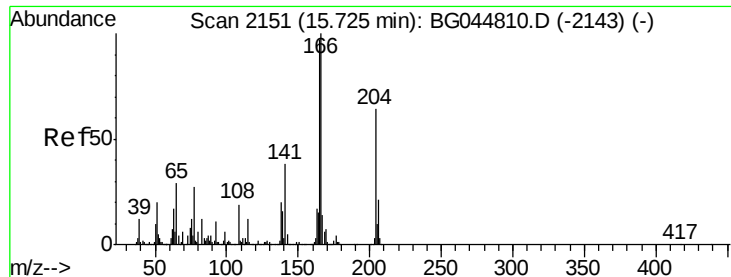


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

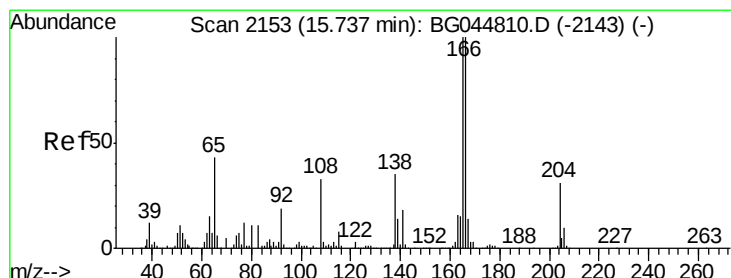
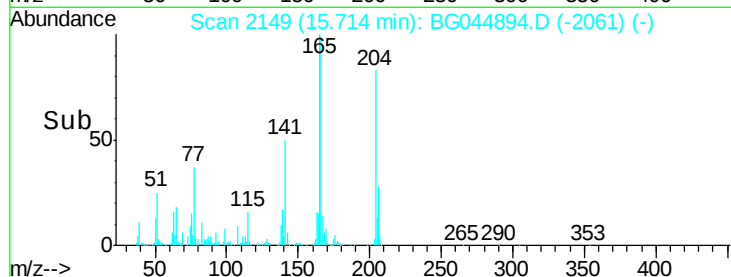
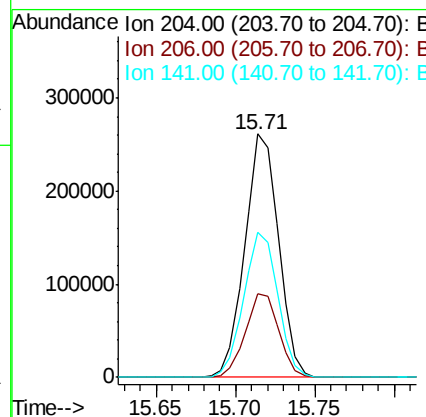
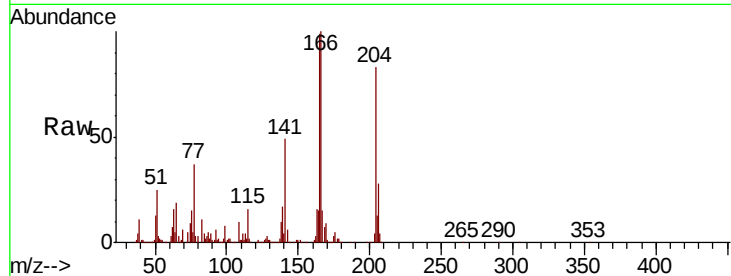




#61
 4-Chlorophenyl-phenylether
 Concen: 48.530 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

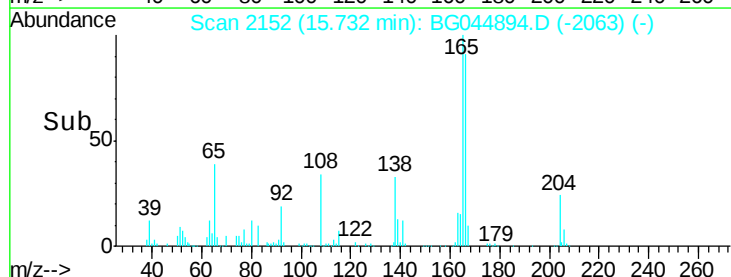
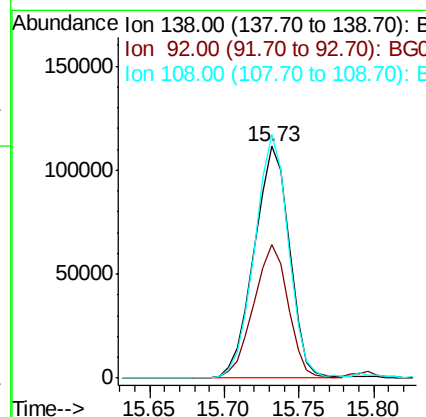
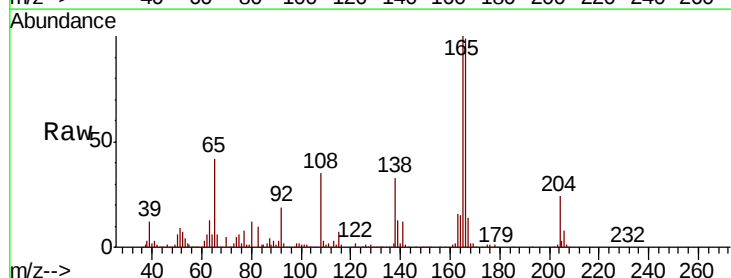
Instrument :
 BNA_G
 ClientSampleId :

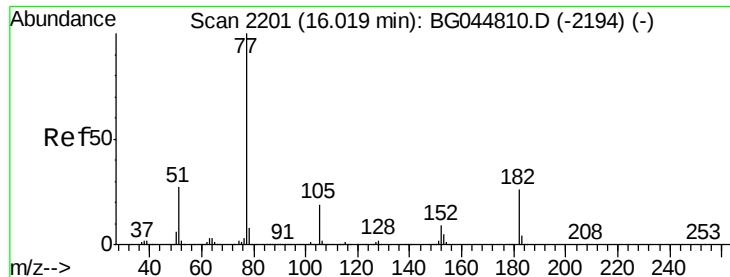
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	59.7	47.7	71.5



#62
 4-Nitroaniline
 Concen: 46.962 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.3	34.5	74.5
108	104.9	74.5	114.5





#63

Azobenzene

Concen: 45.772 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 779132

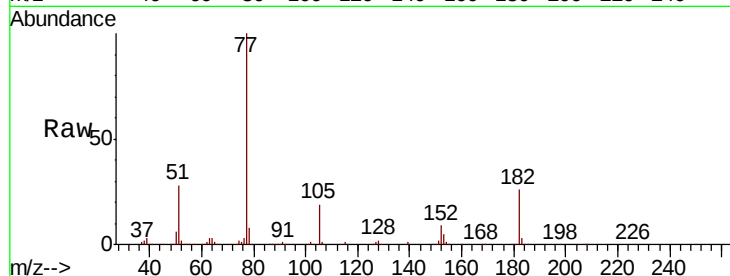
Ion Ratio Lower Upper

77 100

182 26.4 6.4 46.4

105 19.3 0.0 39.1

51 28.2 7.3 47.3

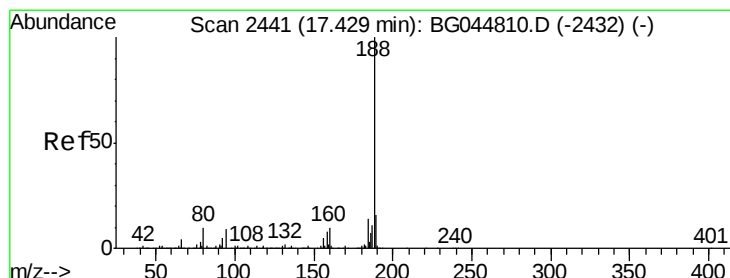
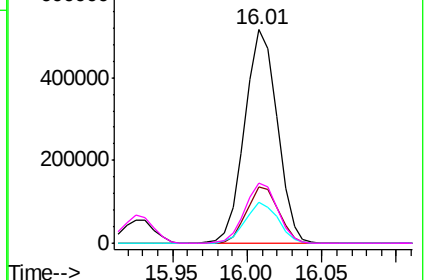
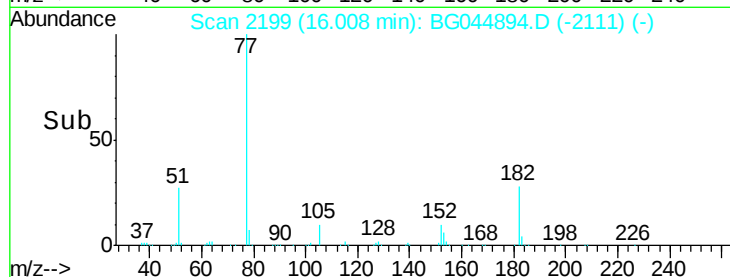


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

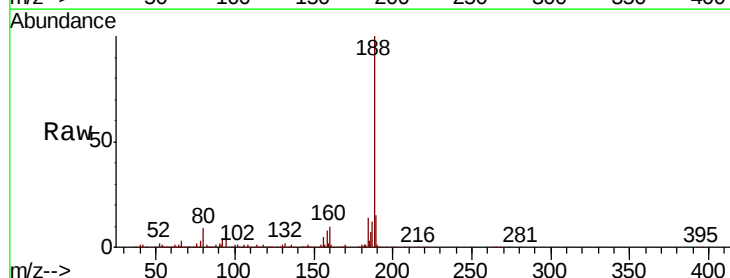
Tgt Ion: 188 Resp: 471808

Ion Ratio Lower Upper

188 100

94 8.1 7.3 10.9

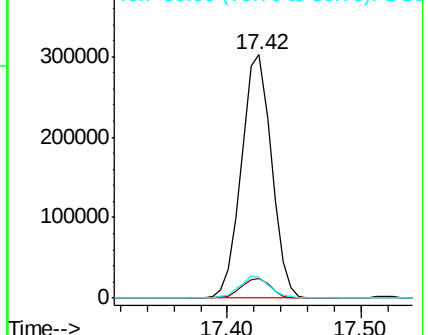
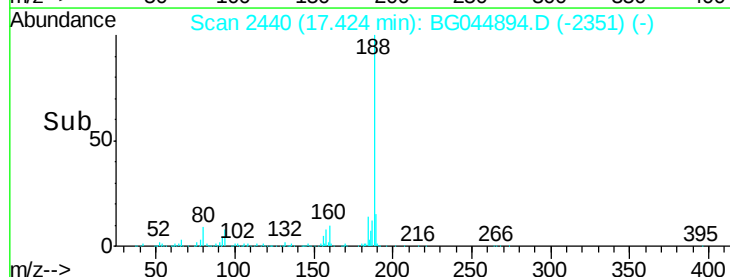
80 8.8 8.0 12.0

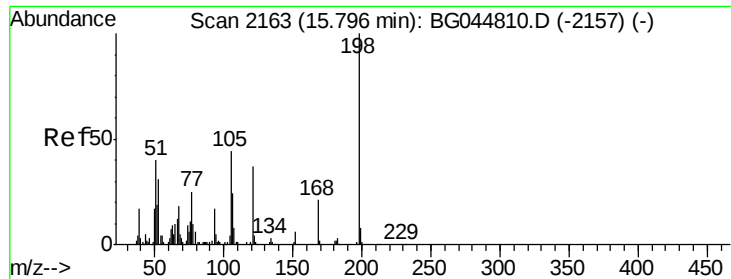


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

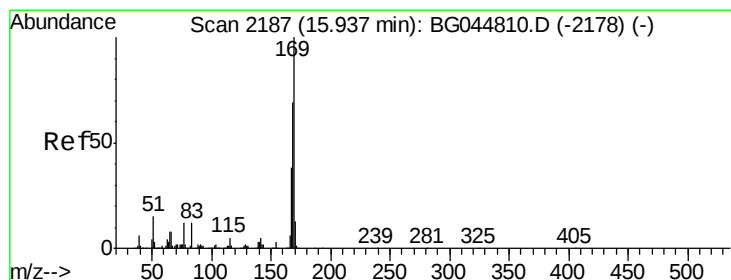
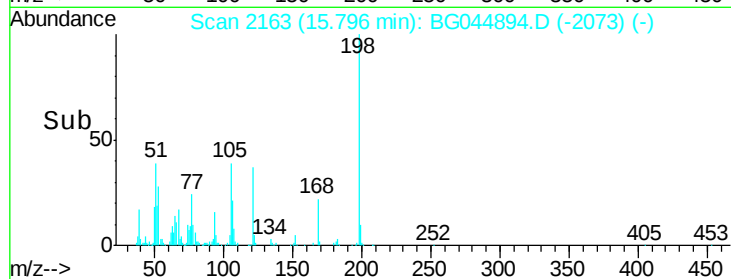
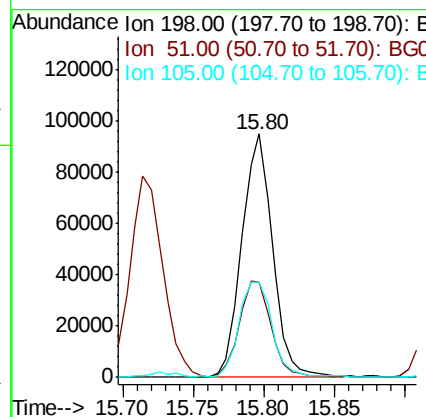
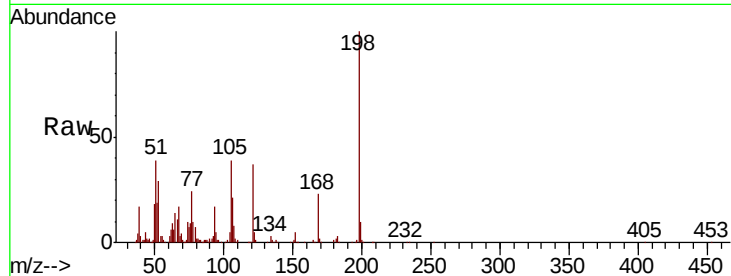




#65
 4,6-Dinitro-2-methylphenol
 Concen: 62.520 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

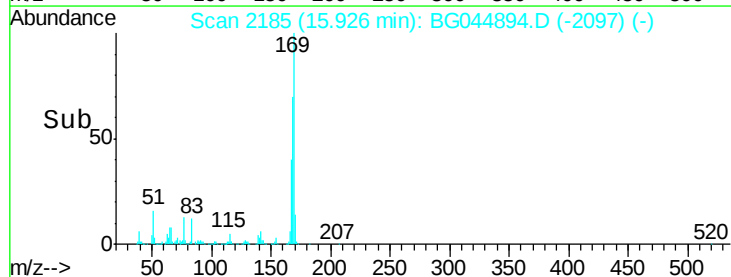
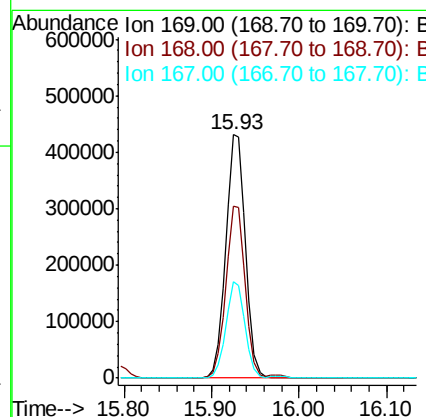
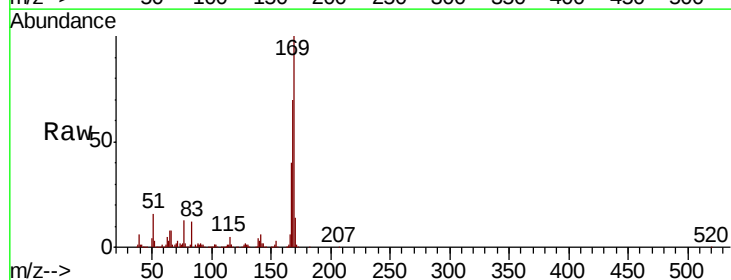
Instrument :
 BNA_G
 ClientSampleId :

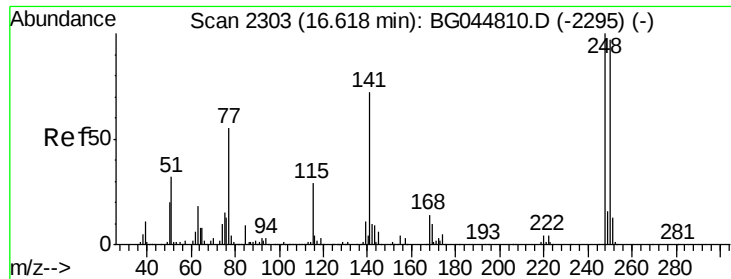
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.0	21.1	61.1
105	39.0	24.5	64.5



#66
 n-Nitrosodiphenylamine
 Concen: 46.952 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.4	55.4	83.2
167	39.6	30.1	45.1

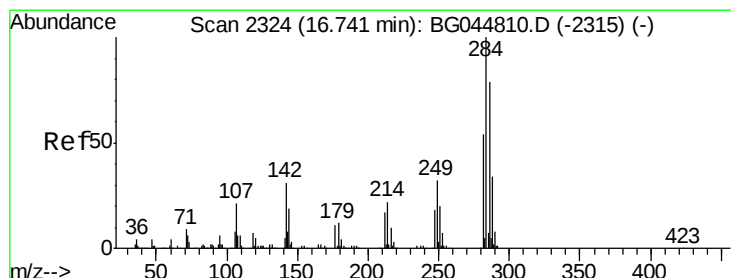
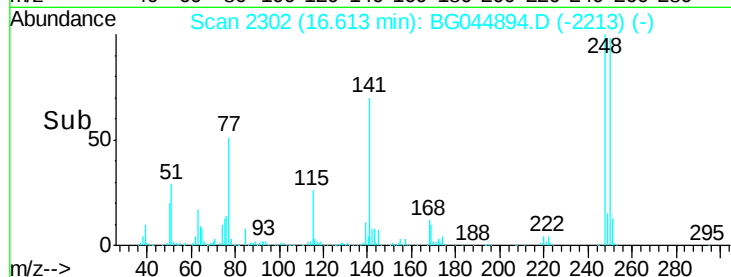
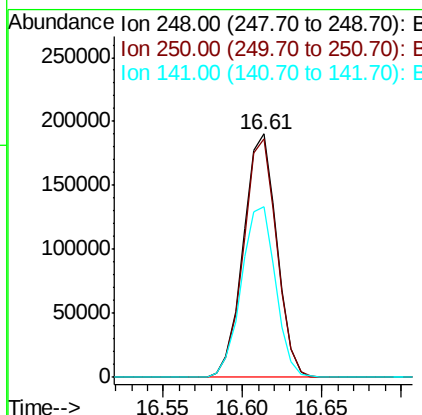
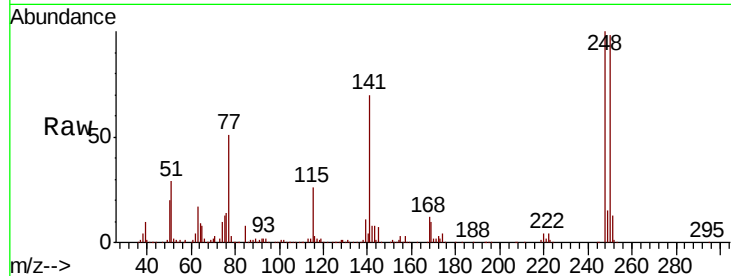




#67
4-Bromophenyl-phenylether
Concen: 47.154 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

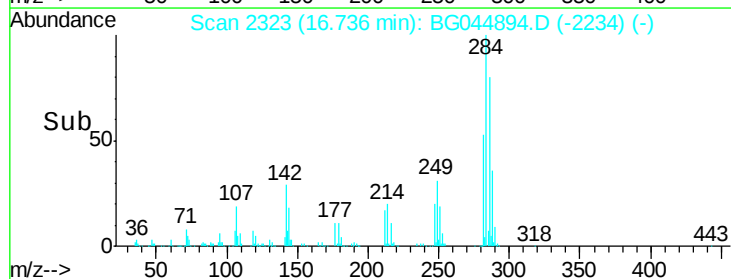
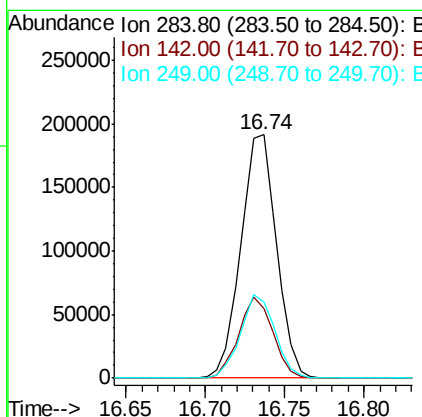
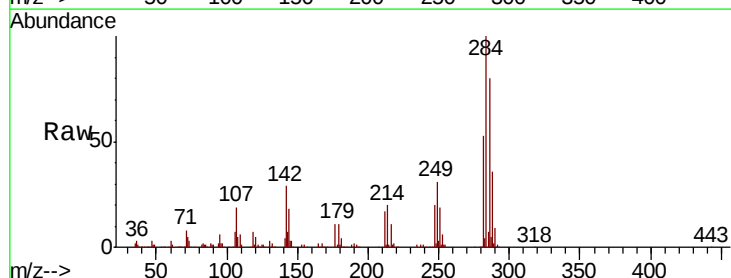
Instrument :
BNA_G
ClientSampleId :

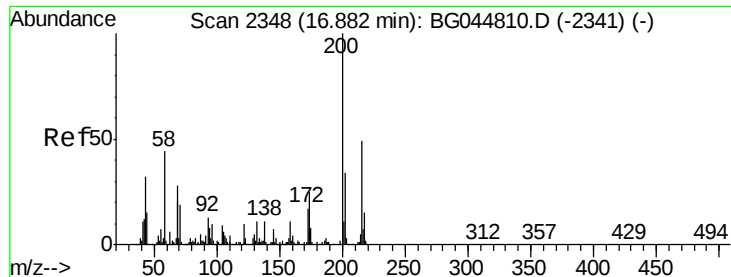
Tot Ion:248 Resp: 278126
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 70.0 57.5 86.3



#68
Hexachlorobenzene
Concen: 46.725 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:284 Resp: 298990
Ion Ratio Lower Upper
284 100
142 28.8 25.0 37.6
249 31.0 25.8 38.8





#69

Atrazine

Concen: 53.251 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

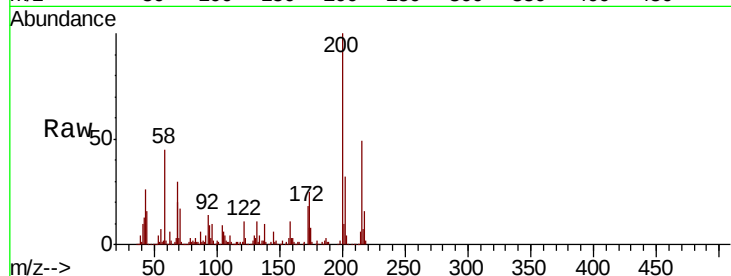
Tot Ion:200 Resp: 277130

Ion Ratio Lower Upper

200 100

173 25.1 5.3 45.3

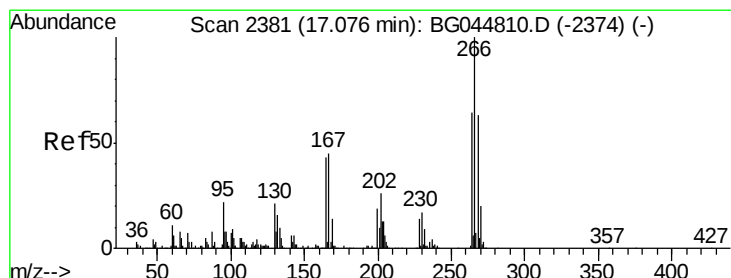
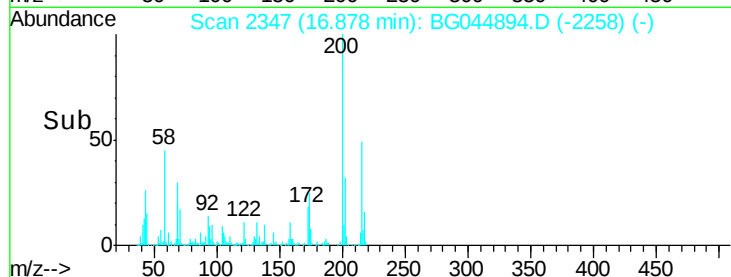
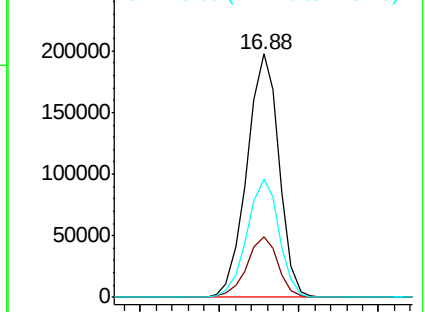
215 48.6 28.9 68.9



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: 110.908 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

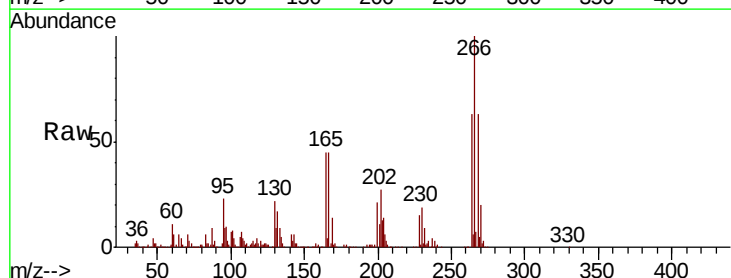
Tgt Ion:266 Resp: 390485

Ion Ratio Lower Upper

266 100

268 62.6 50.3 75.5

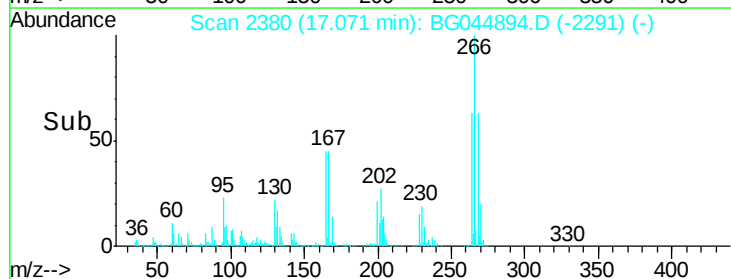
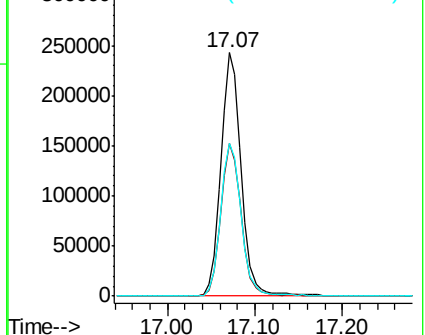
264 62.8 51.4 77.2

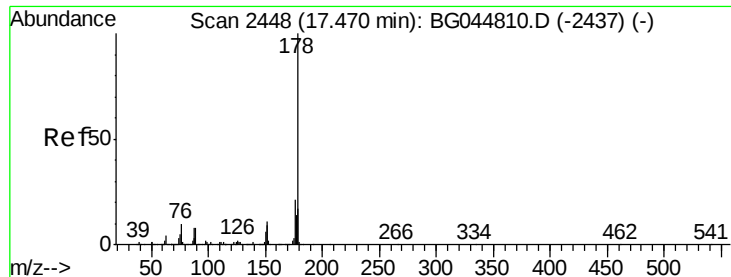


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

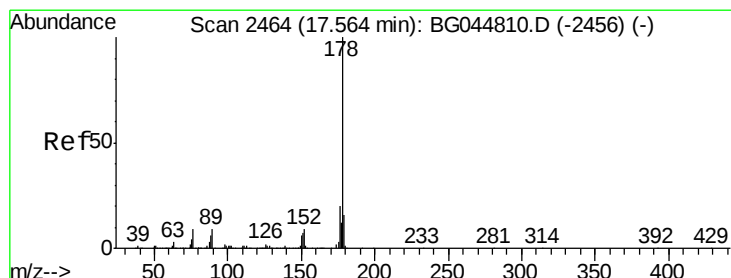
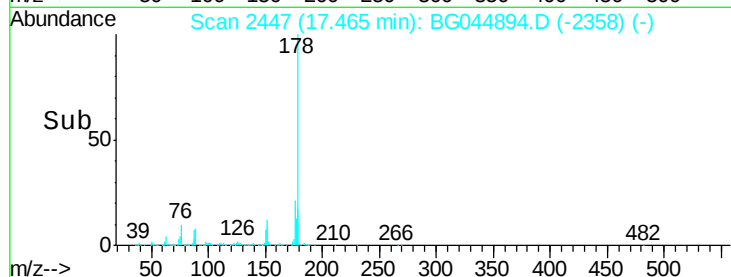
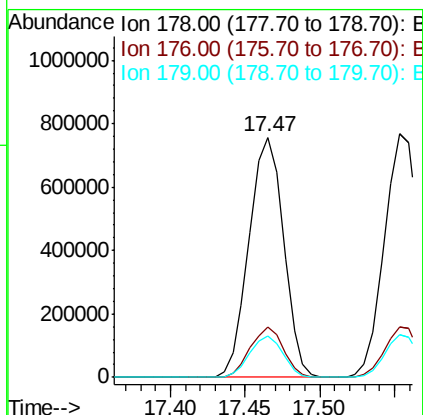
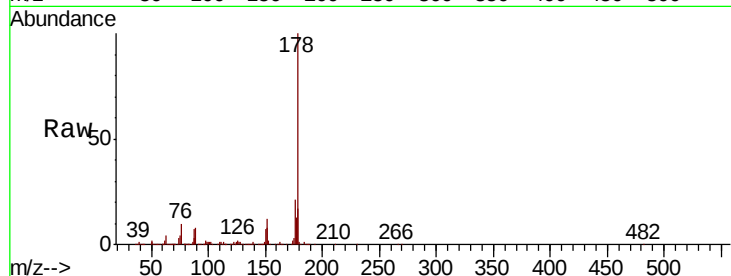




#71
Phenanthrene
Concen: 48.187 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

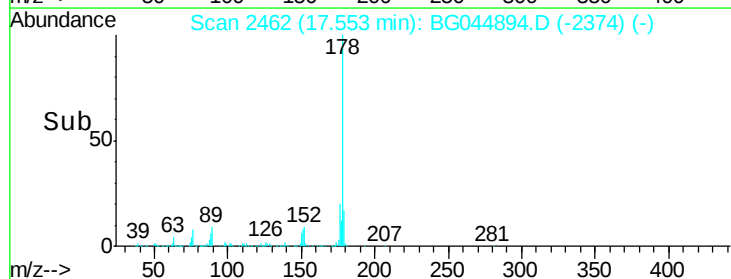
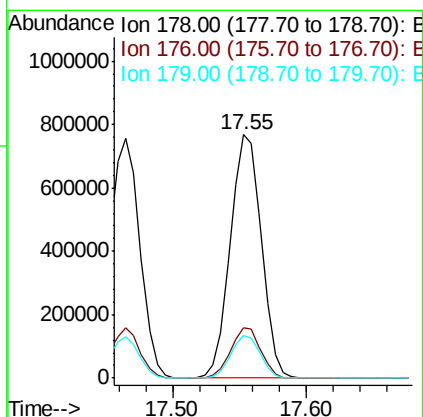
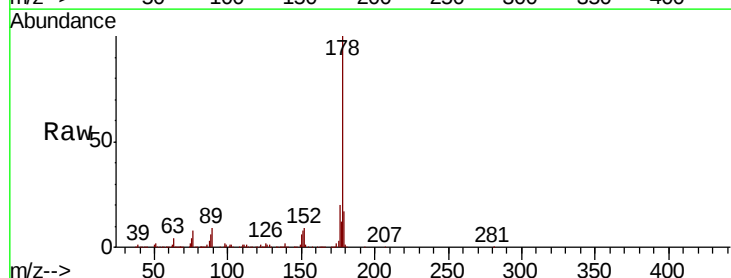
Instrument :
BNA_G
ClientSampleId :

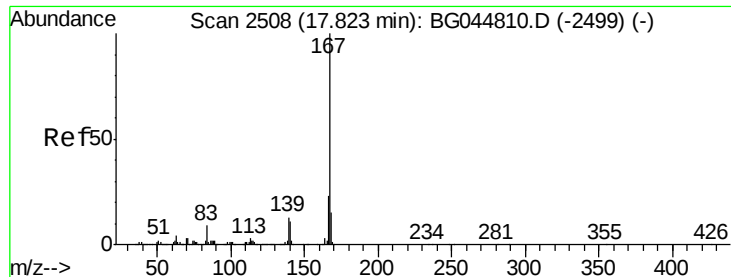
Tot Ion:178 Resp: 1214924
Ion Ratio Lower Upper
178 100
176 21.2 16.6 24.8
179 17.1 13.5 20.3



#72
Anthracene
Concen: 50.028 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:178 Resp: 1243758
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 17.3 13.2 19.8





#73

Carbazole

Concen: 49.339 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

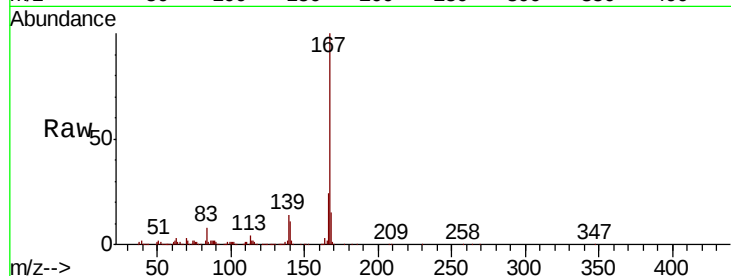
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 1178260

Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.8	28.2
139	13.6	10.8	16.2

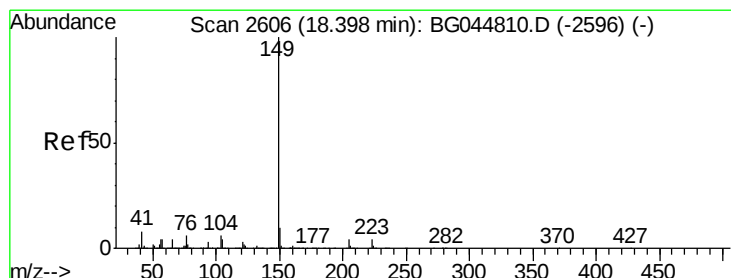
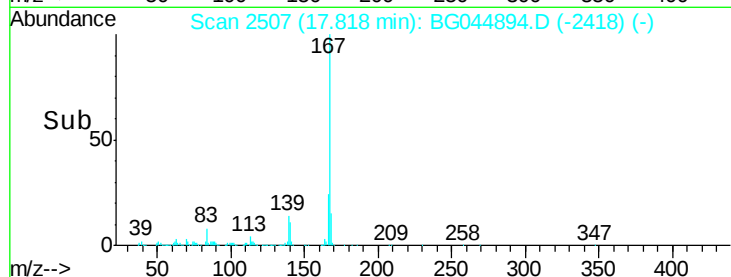
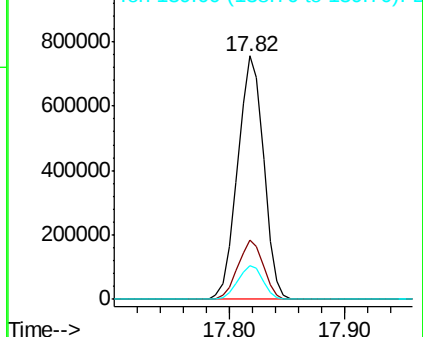


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.844 ng

RT: 18.39 min Scan# 2604

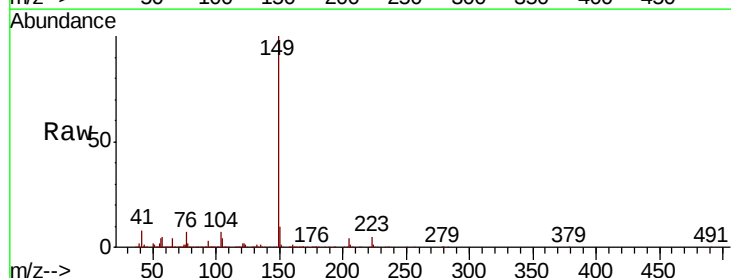
Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:149 Resp: 1388893

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	7.0	5.0	7.4

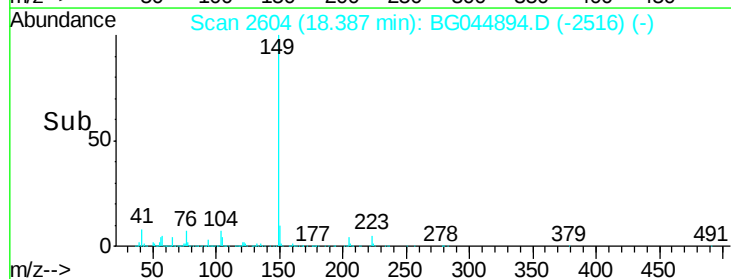
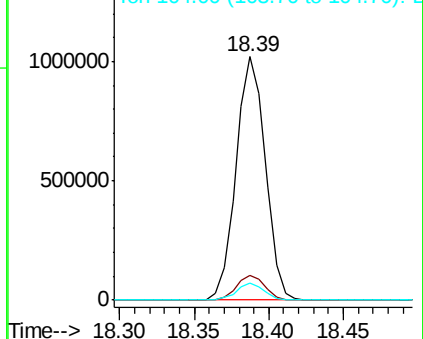


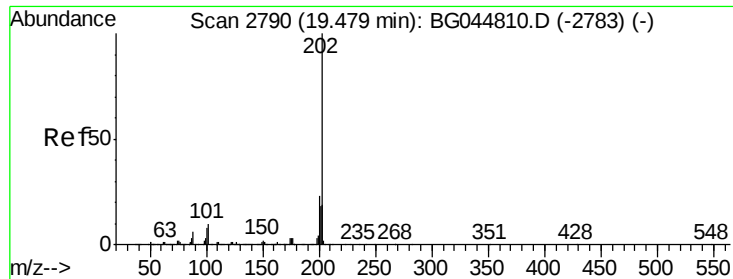
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

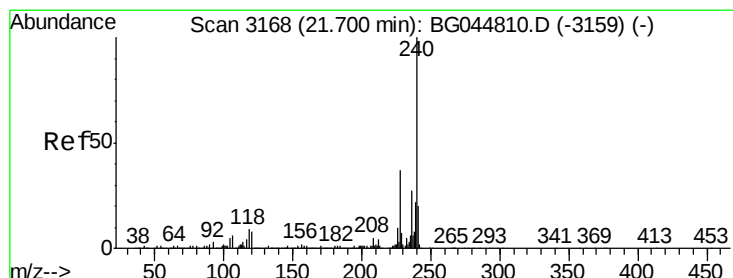
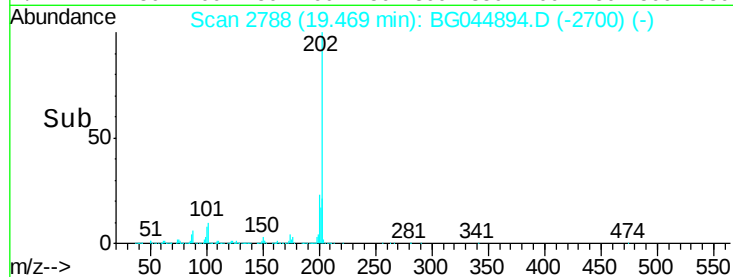
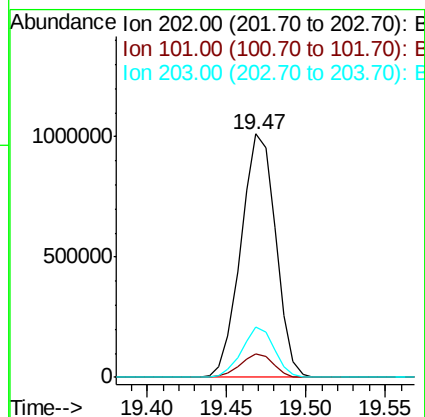
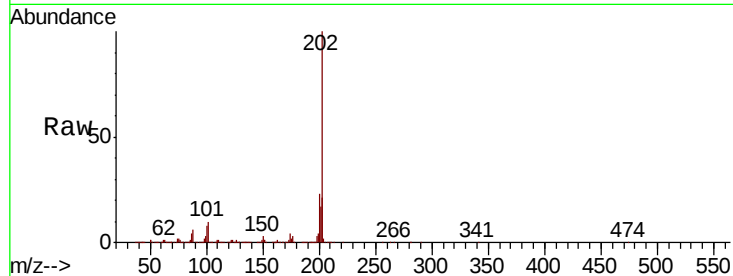




#75
 Fluoranthene
 Concen: 51.370 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

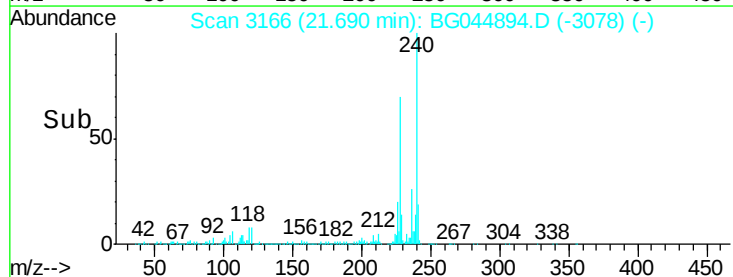
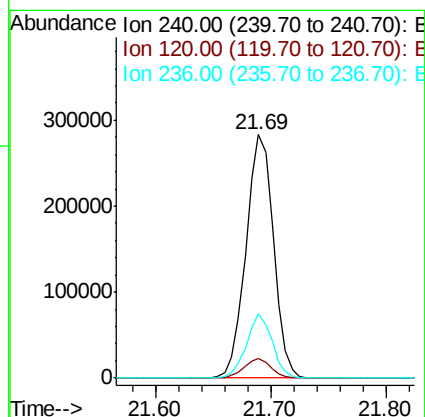
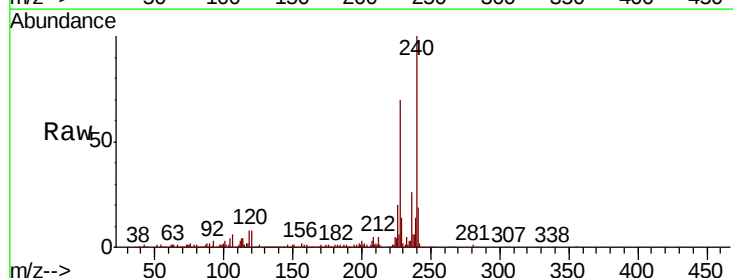
Instrument :
 BNA_G
 ClientSampleId :

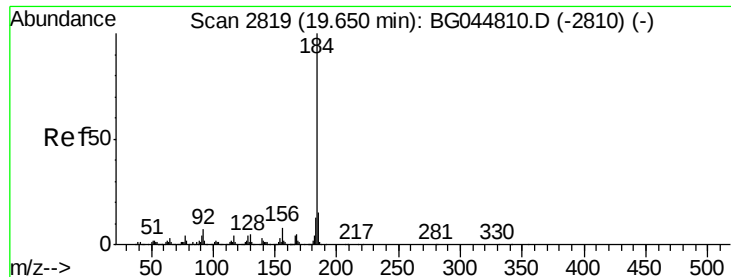
Tot Ion:	202	Resp:	1542131
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.8
203	20.8	0.0	39.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG044894.D
 Acq: 19 Mar 2020 12:20

Tgt Ion:	240	Resp:	468747
Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.7	10.1
236	26.3	21.5	32.3





#77

Benzidine

Concen: 25.711 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

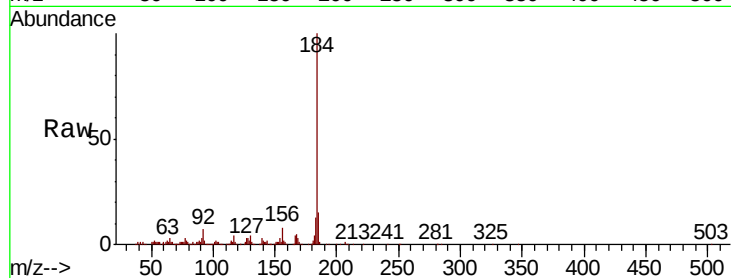
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 391250

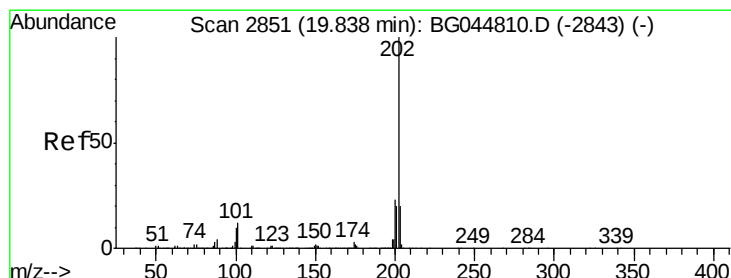
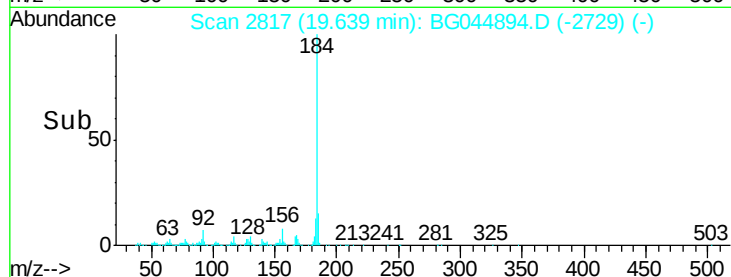
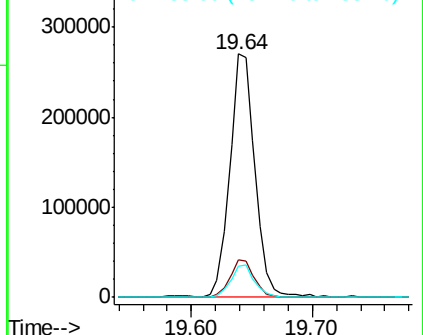
Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.4
183	12.5	10.7	16.1



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: 44.684 ng

RT: 19.83 min Scan# 2850

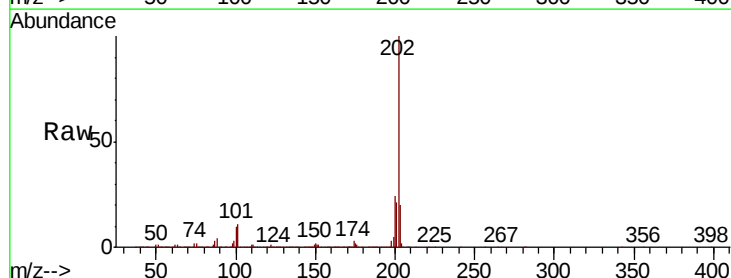
Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:202 Resp: 1536713

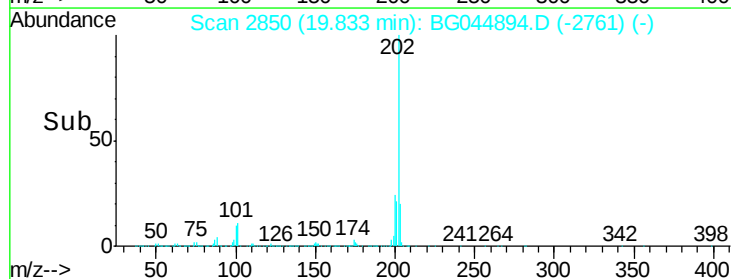
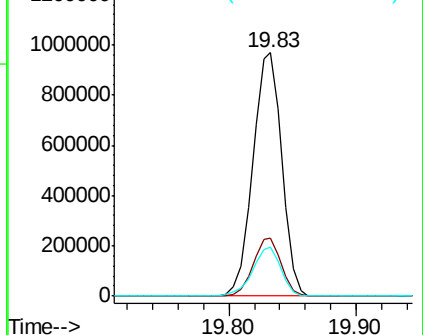
Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.3	27.5
203	20.1	15.6	23.4

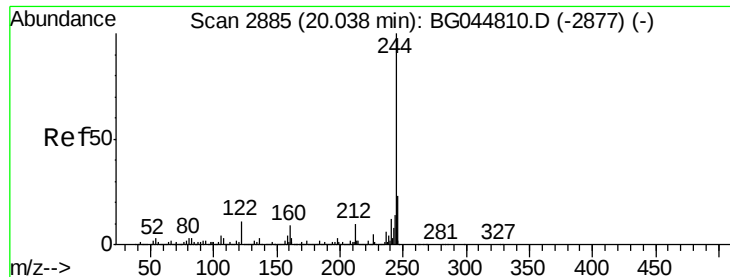


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.654 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

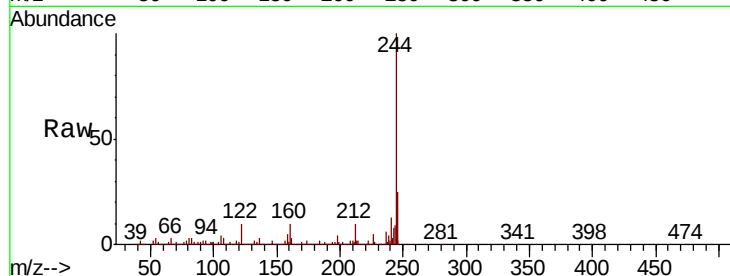
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2196561

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.7	11.5
122	9.9	8.6	12.8

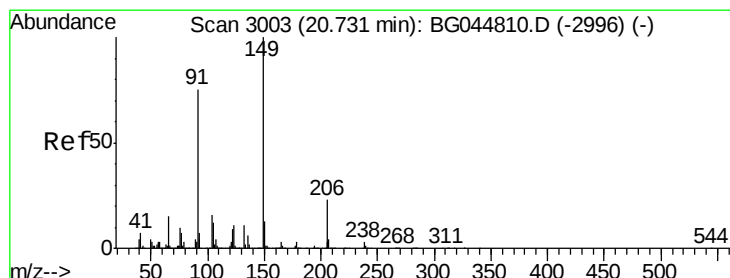
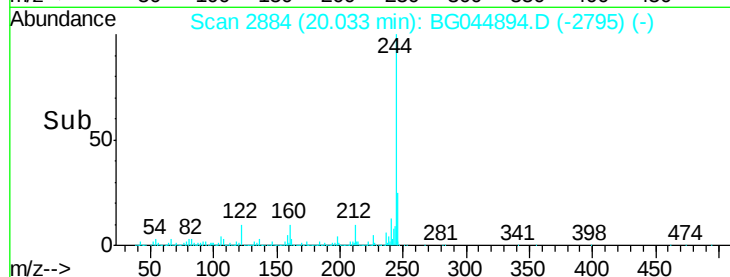
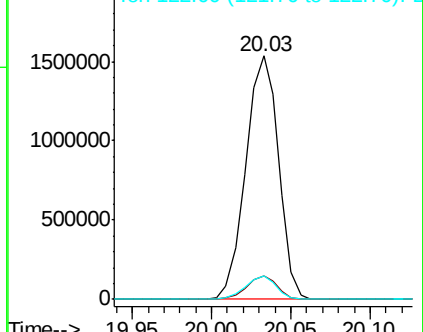


Abundance

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: 44.142 ng

RT: 20.72 min Scan# 3001

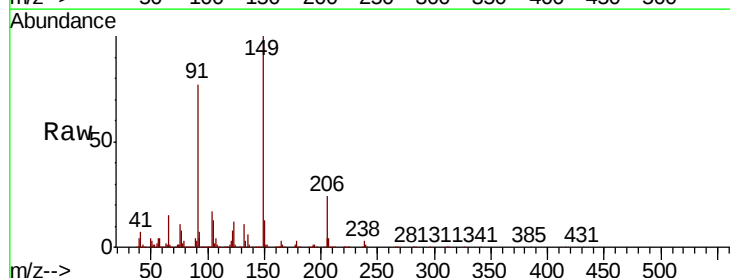
Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Tgt Ion:149 Resp: 675359

Ion	Ratio	Lower	Upper
149	100		
91	77.1	60.2	90.4
206	24.1	18.6	27.8

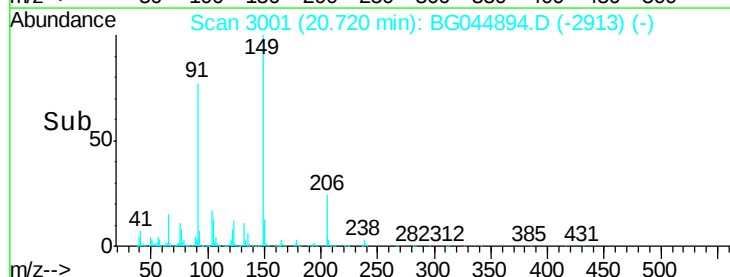
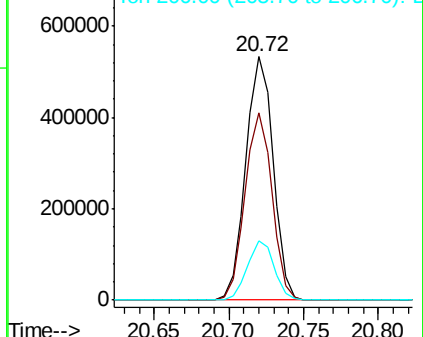


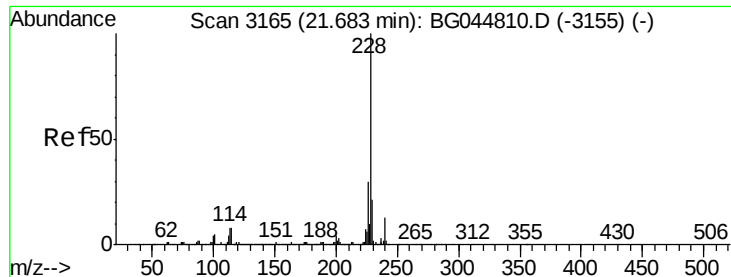
Abundance

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: 44.984 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

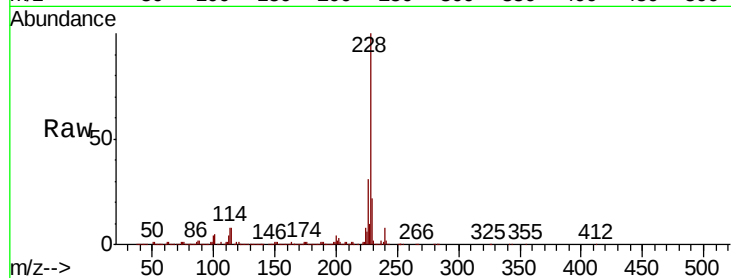
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1518352

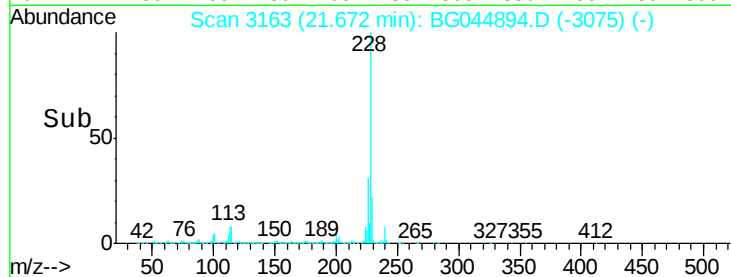
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.6	35.4
229	22.1	17.1	25.7



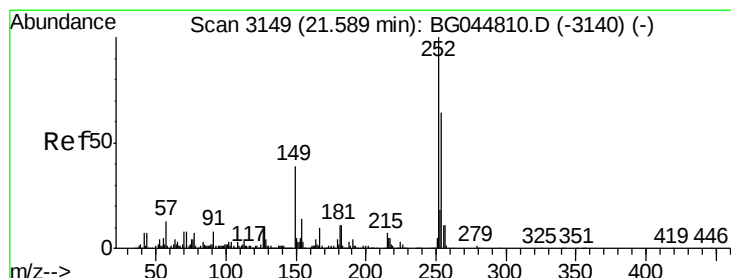
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 19.232 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

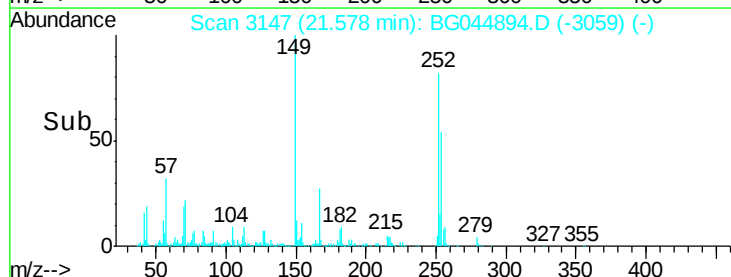
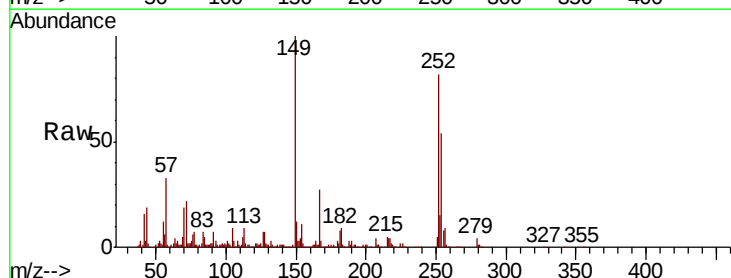
Tgt Ion:252 Resp: 251131

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.6	77.4
126	9.0	7.0	10.6

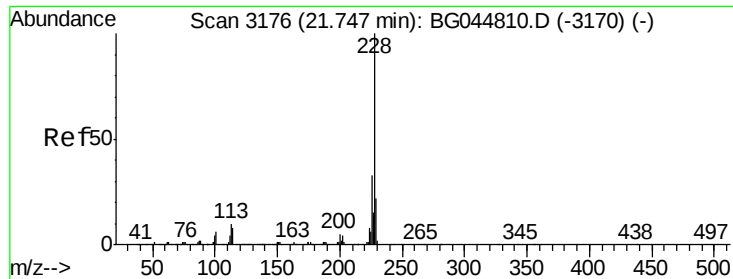
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 44.823 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampled :

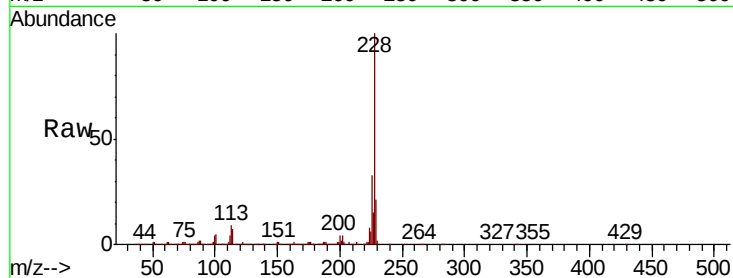
Tot Ion:228 Resp: 1445192

Ion Ratio Lower Upper

228 100

226 32.6 25.9 38.9

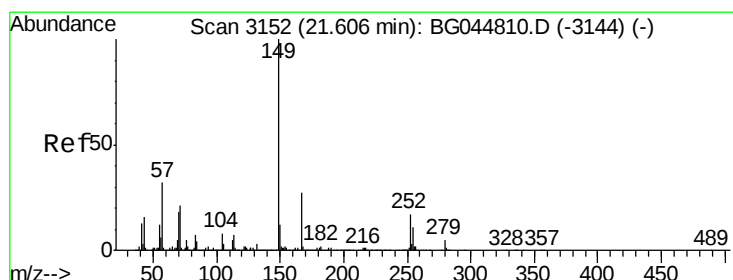
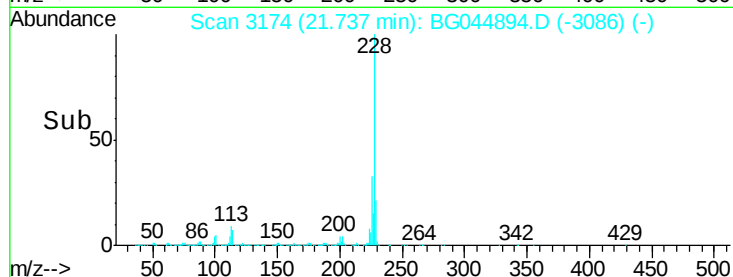
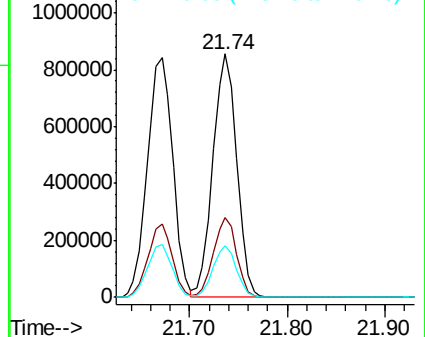
229 21.4 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.953 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

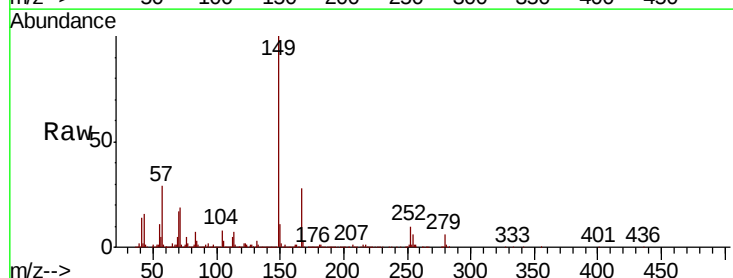
Tgt Ion:149 Resp: 928084

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

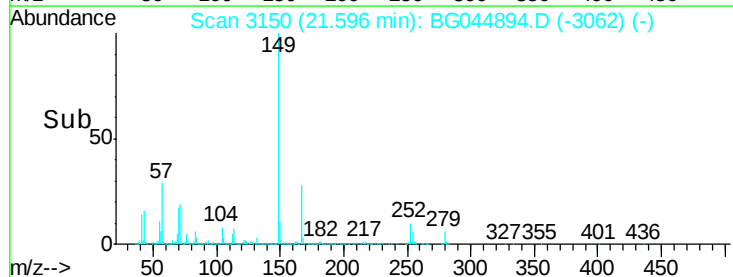
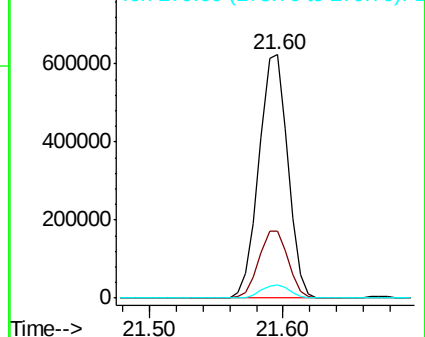
279 5.5 3.8 5.6

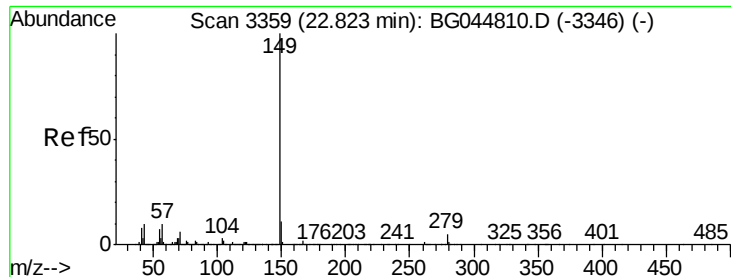


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.756 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

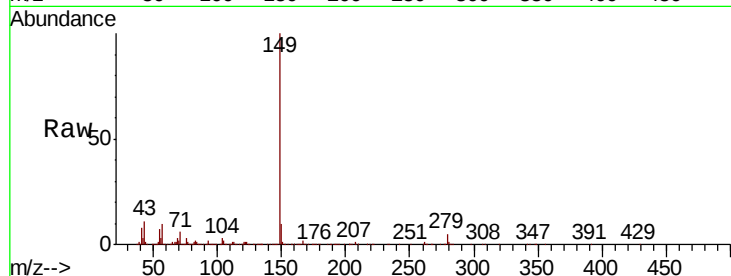
Tot Ion:149 Resp: 1581424

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

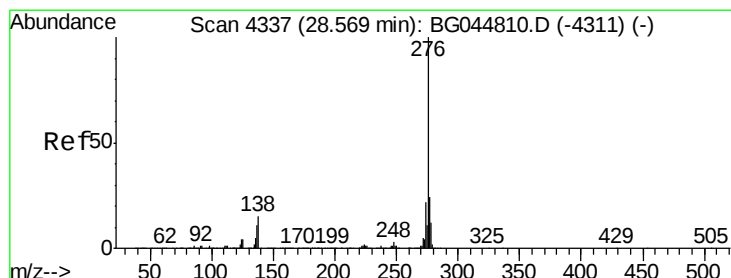
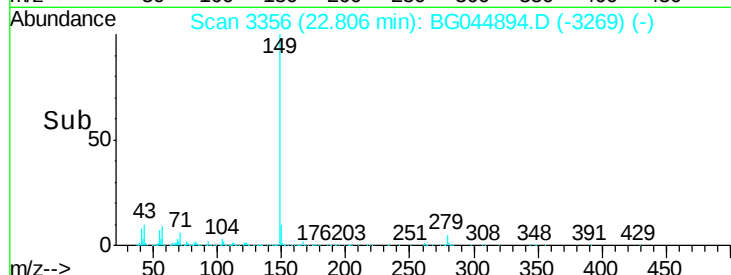
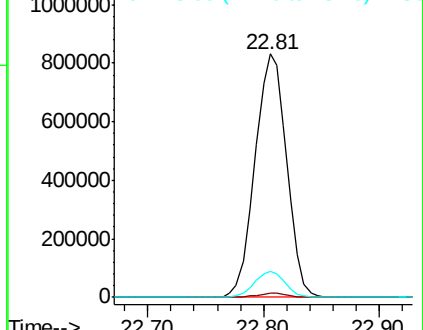
43 10.1 8.2 12.4



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.186 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

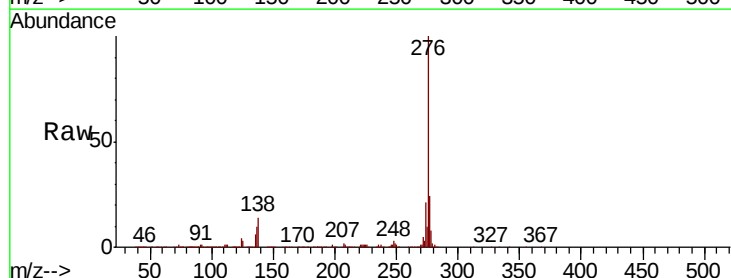
Tgt Ion:276 Resp: 1952289

Ion Ratio Lower Upper

276 100

138 13.4 7.4 11.0#

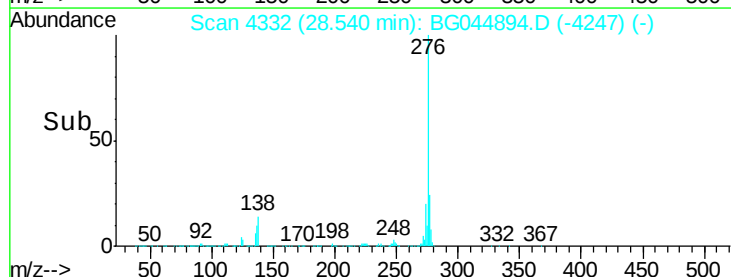
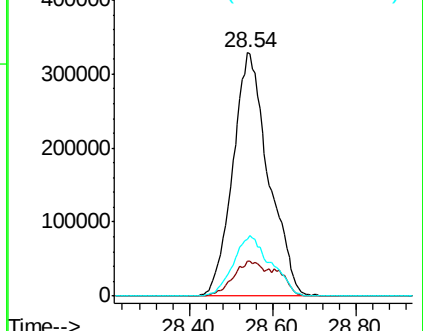
277 26.2 20.8 31.2

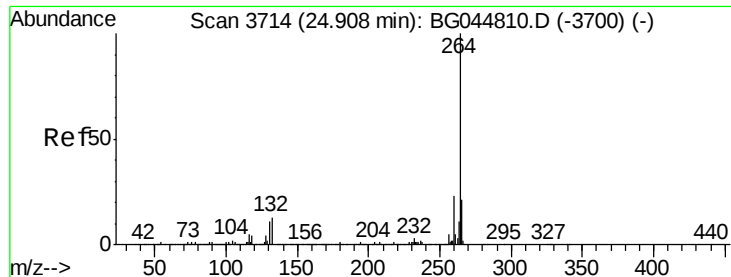


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

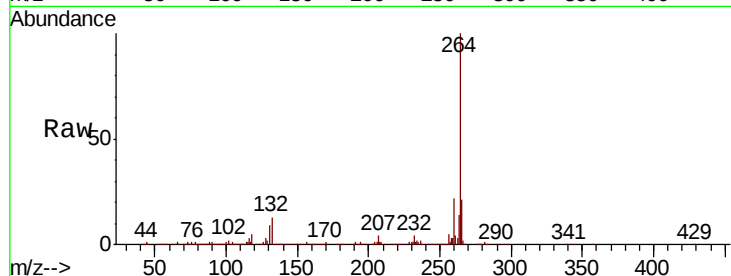
Tot Ion:264 Resp: 518310

Ion Ratio Lower Upper

264 100

260 22.4 18.1 27.1

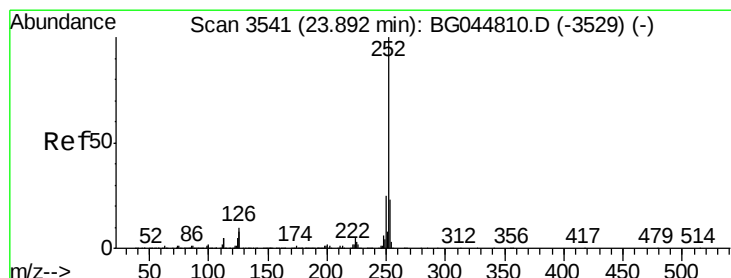
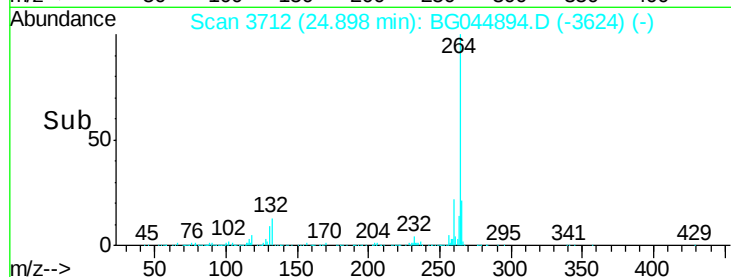
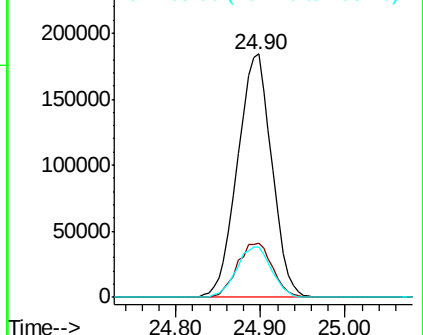
265 20.9 17.1 25.7



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: 48.329 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

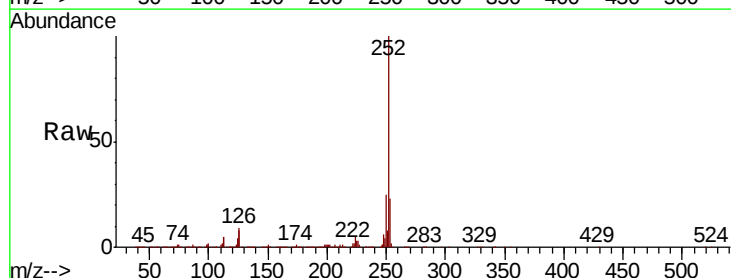
Tgt Ion:252 Resp: 1653695

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

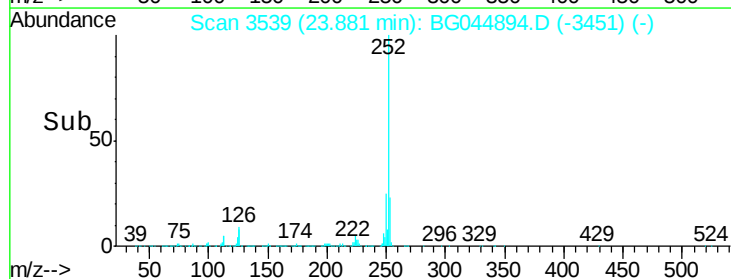
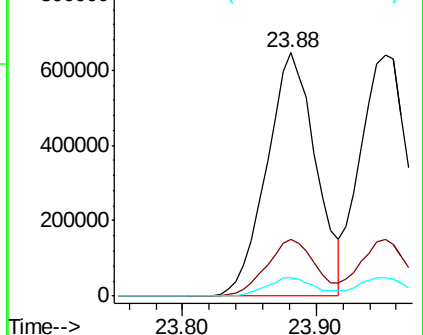
125 7.7 6.6 9.8

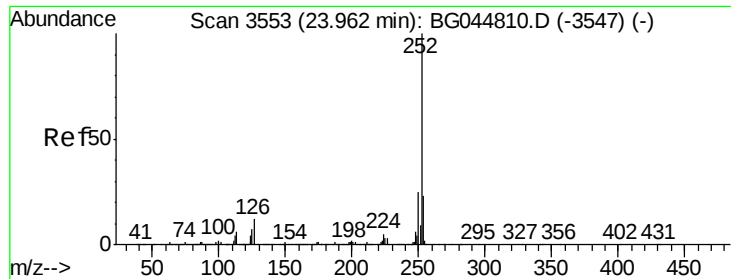


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

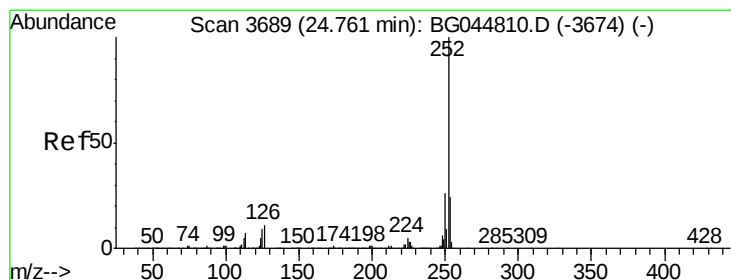
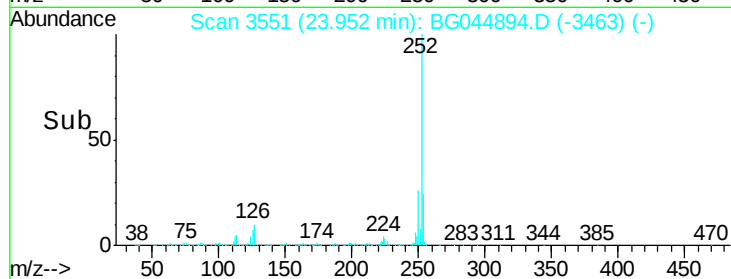
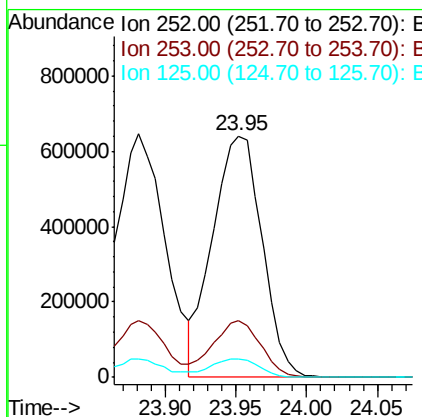
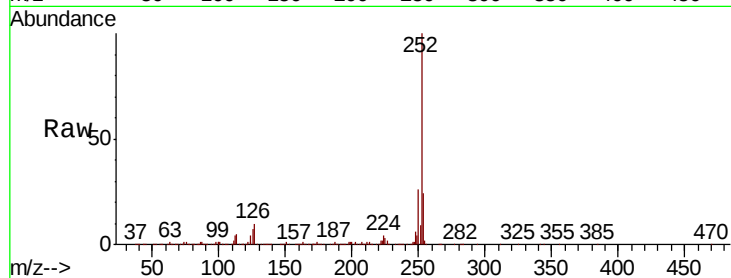




#89
Benzo(k)fluoranthene
Concen: 48.121 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

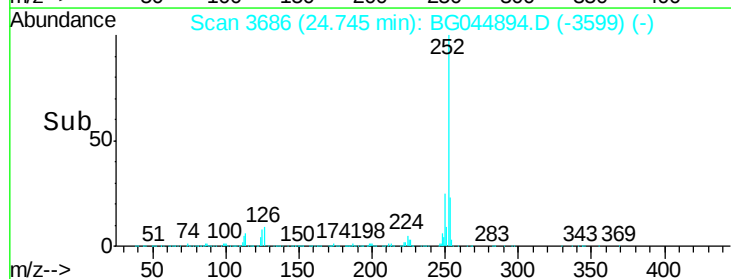
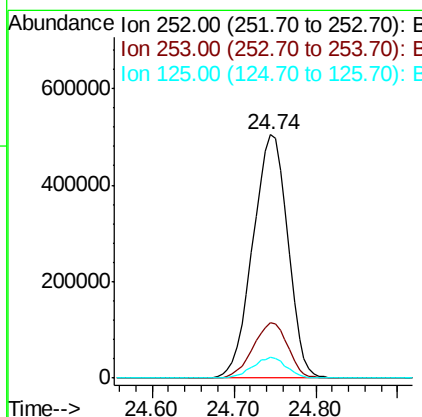
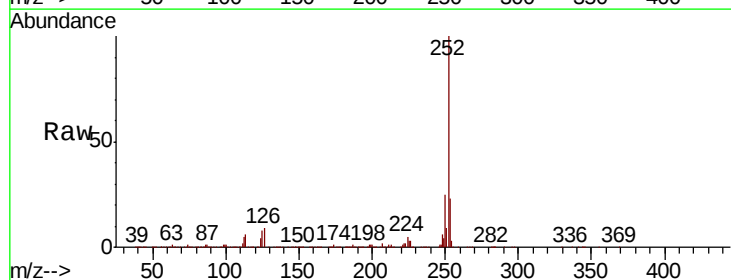
Instrument :
BNA_G
ClientSampleId :

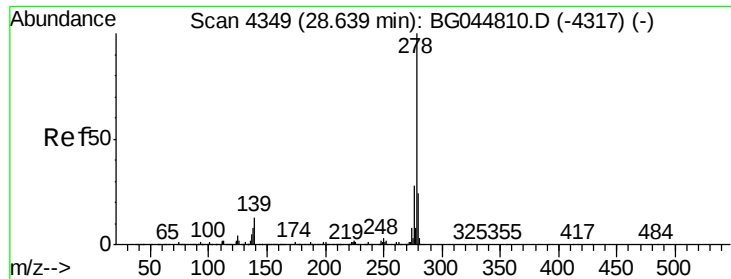
Tot Ion:252 Resp: 1558238
Ion Ratio Lower Upper
252 100
253 23.6 18.5 27.7
125 7.3 6.2 9.2



#90
Benzo(a)pyrene
Concen: 46.918 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044894.D
Acq: 19 Mar 2020 12:20

Tgt Ion:252 Resp: 1502194
Ion Ratio Lower Upper
252 100
253 22.7 19.4 29.0
125 8.4 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 49.888 ng

RT: 28.62 min Scan# 4345

Delta R.T. -0.02 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

Instrument :

BNA_G

ClientSampleId :

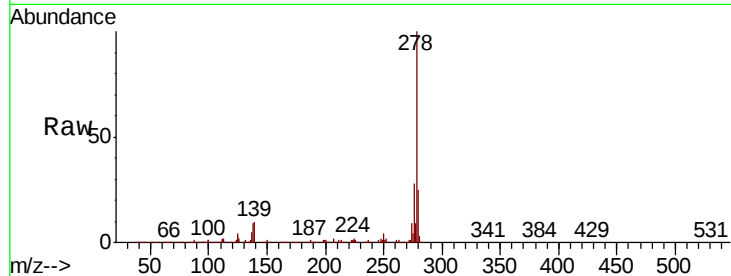
Tot Ion:278 Resp: 1575829

Ion Ratio Lower Upper

278 100

139 10.2 10.2 15.2

279 25.0 18.9 28.3

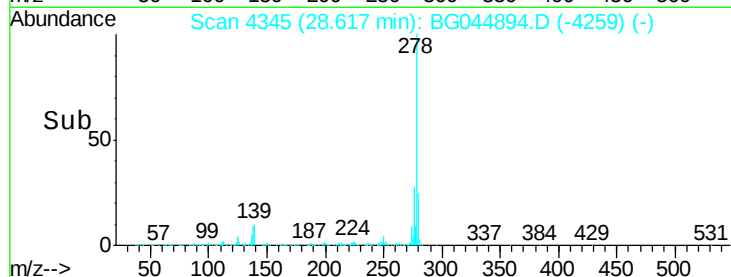


Abundance Ion 278.00 (277.70 to 278.70): E

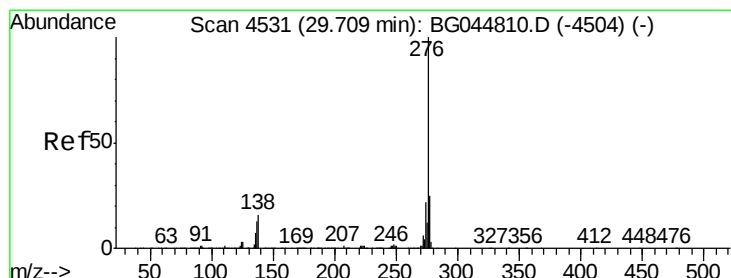
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#92

Benzo(g,h,i)perylene

Concen: 51.184 ng

RT: 29.69 min Scan# 4527

Delta R.T. -0.02 min

Lab File: BG044894.D

Acq: 19 Mar 2020 12:20

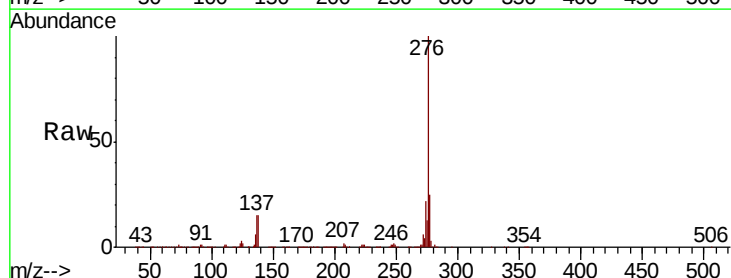
Tgt Ion:276 Resp: 1633470

Ion Ratio Lower Upper

276 100

277 25.4 20.1 30.1

138 15.0 13.0 19.6

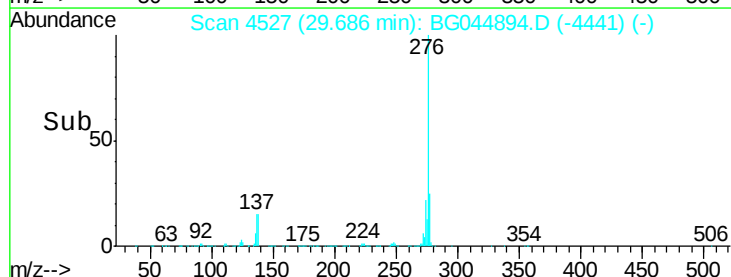


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time-->



Time-->