

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
 Data File : BG044871.D
 Acq On : 18 Mar 2020 19:51
 Operator : CG/JU
 Sample : PB127599BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Quant Time: Mar 19 01:42:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	80670	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	311263	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	208174	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	479195	20.00	ng	0.00
76) Chrysene-d12	21.69	240	430823	20.00	ng	-0.01
87) Perylene-d12	24.89	264	483475	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	592426	114.32	ng	0.00
7) Phenol-d6	7.21	99	823188	109.33	ng	0.00
23) Nitrobenzene-d5	9.20	82	460493	64.92	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	328705	120.59	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	976605	67.18	ng	0.00
79) Terphenyl-d14	20.03	244	1538065	66.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	91858	36.81	ng	97
3) Pyridine	3.90	79	222978	30.18	ng	99
4) n-Nitrosodimethylamine	3.82	42	106571	38.02	ng	88
6) Aniline	7.36	93	264507	28.23	ng	96
8) 2-Chlorophenol	7.61	128	217314	42.01	ng	96
9) Benzaldehyde	7.18	77	109830	20.54	ng	97
10) Phenol	7.23	94	298496	40.04	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	217971	36.64	ng	98
12) 1,3-Dichlorobenzene	7.93	146	241104	37.84	ng	98
13) 1,4-Dichlorobenzene	8.08	146	237379	37.68	ng	96
14) 1,2-Dichlorobenzene	8.40	146	219273	36.70	ng	94
15) Benzyl Alcohol	8.28	79	227569	37.67	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	324698	30.93	ng	97
17) 2-Methylphenol	8.48	107	200666	39.74	ng	96
18) Hexachloroethane	9.13	117	93500	37.70	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	181412	34.12	ng	94
20) 3+4-Methylphenols	8.81	107	282689	40.61	ng	97
22) Acetophenone	8.86	105	327395	37.13	ng	# 96
24) Nitrobenzene	9.24	77	278448	37.83	ng	96
25) Isophorone	9.77	82	503732	36.39	ng	100
26) 2-Nitrophenol	9.96	139	123000	48.12	ng	96
27) 2,4-Dimethylphenol	10.01	122	205509	45.58	ng	91
28) bis(2-Chloroethoxy)methane	10.25	93	292495	35.40	ng	100
29) 2,4-Dichlorophenol	10.50	162	222296	42.22	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	237361	37.70	ng	94
31) Naphthalene	10.90	128	647798	37.57	ng	98
32) Benzoic acid	10.15	122	124608	38.00	ng	88
33) 4-Chloroaniline	11.00	127	170229	21.91	ng	98
34) Hexachlorobutadiene	11.20	225	156218	37.73	ng	98
35) Caprolactam	11.76	113	38376	19.25	ng	# 89
36) 4-Chloro-3-methylphenol	12.12	107	251156	39.99	ng	97
37) 2-Methylnaphthalene	12.51	142	494609	38.35	ng	98
38) 1-Methylnaphthalene	12.72	142	465082	38.35	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	261637	38.16	ng	99

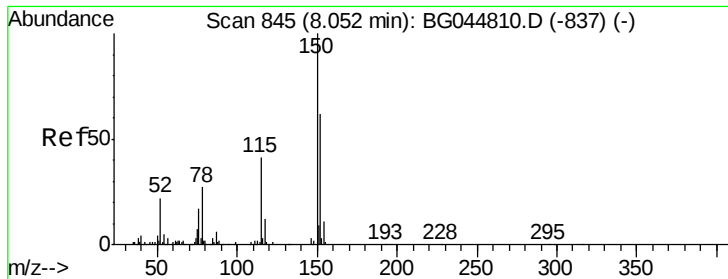
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
 Data File : BG044871.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	356123	95.05	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	192714	42.36	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	202135	42.84	ng	99
46) 1,1'-Biphenyl	13.51	154	613565	36.88	ng	99
47) 2-Chloronaphthalene	13.55	162	468531	36.87	ng	98
48) 2-Nitroaniline	13.75	65	167337	37.61	ng	97
49) Acenaphthylene	14.40	152	781062	39.23	ng	100
50) Dimethylphthalate	14.13	163	624046	37.64	ng	99
51) 2,6-Dinitrotoluene	14.24	165	139429	41.72	ng	96
52) Acenaphthene	14.74	154	560852	43.01	ng	97
53) 3-Nitroaniline	14.56	138	101858	26.51	ng	# 96
54) 2,4-Dinitrophenol	14.77	184	175322	98.27	ng	94
55) Dibenzofuran	15.07	168	740834	39.18	ng	100
56) 4-Nitrophenol	14.87	139	260763	88.92	ng	96
57) 2,4-Dinitrotoluene	15.03	165	202436	44.17	ng	97
58) Fluorene	15.73	166	601437	38.67	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	191617	44.11	ng	94
60) Diethylphthalate	15.50	149	637333	36.86	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	330186	39.42	ng	99
62) 4-Nitroaniline	15.73	138	142743	34.84	ng	95
63) Azobenzene	16.01	77	644184	35.87	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	120814	52.68	ng	95
66) n-Nitrosodiphenylamine	15.92	169	540594	37.47	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	224614	37.49	ng	98
68) Hexachlorobenzene	16.73	284	240900	37.07	ng	97
69) Atrazine	16.88	200	229515	43.42	ng	97
70) Pentachlorophenol	17.07	266	305124	85.33	ng	96
71) Phenanthrene	17.46	178	959694	37.48	ng	99
72) Anthracene	17.55	178	986597	39.07	ng	99
73) Carbazole	17.82	167	912707	37.63	ng	100
74) Di-n-butylphthalate	18.39	149	1091173	37.01	ng	99
75) Fluoranthene	19.47	202	1204383	39.50	ng	100
77) Benzidine	19.64	184	490544	35.07	ng	99
78) Pyrene	19.83	202	1200621	37.98	ng	99
80) Butylbenzylphthalate	20.72	149	513153	36.49	ng	99
81) Benzo(a)anthracene	21.67	228	1166450	37.60	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	361765	30.14	ng	100
83) Chrysene	21.74	228	1111671	37.51	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	716745	36.93	ng	# 98
85) Di-n-octyl phthalate	22.81	149	1227876	37.81	ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1472120	37.89	ng	# 96
88) Benzo(b)fluoranthene	23.88	252	1242126	38.92	ng	100
89) Benzo(k)fluoranthene	23.95	252	1215179	40.23	ng	99
90) Benzo(a)pyrene	24.74	252	1150224	38.51	ng	98
91) Dibenzo(a,h)anthracene	28.60	278	1202495	40.81	ng	98
92) Benzo(g,h,i)perylene	29.67	276	1221643	41.04	ng	99

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

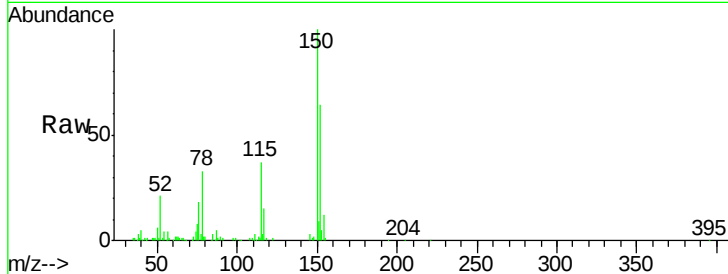


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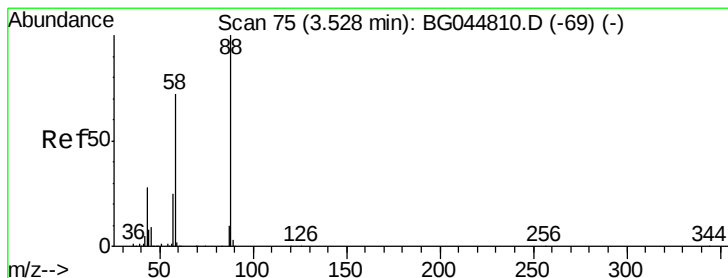
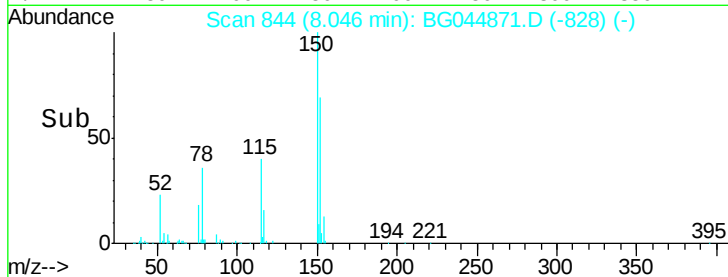
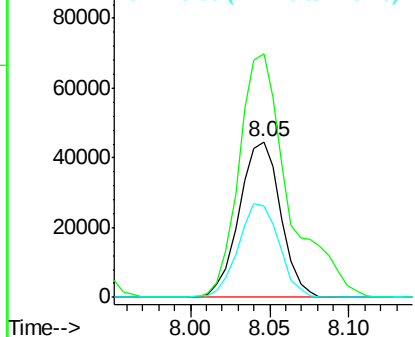
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Tgt Ion:152 Resp: 80670
 Ion Ratio Lower Upper
 152 100
 150 156.7 128.8 193.2
 115 58.5 52.6 79.0



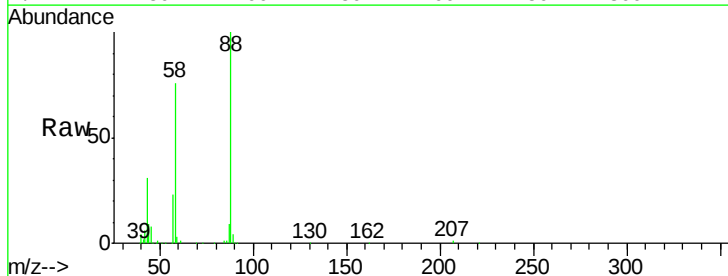
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



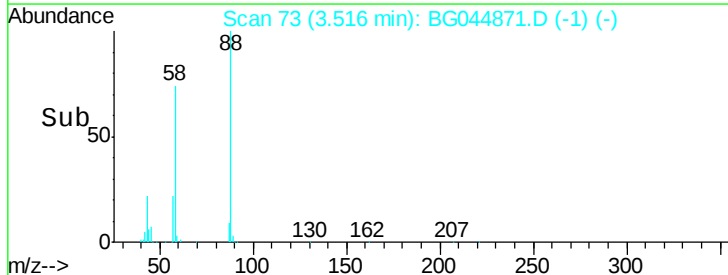
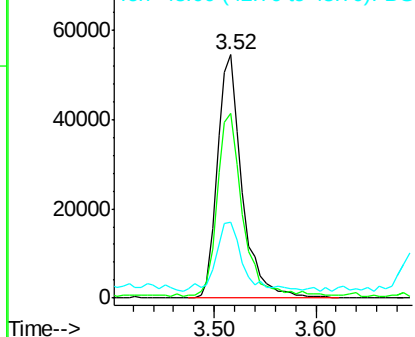
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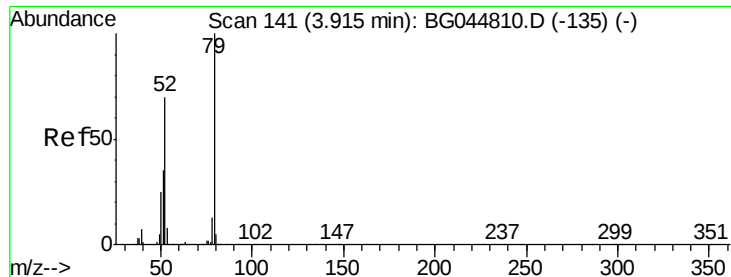
1,4-Dioxane
 Concen: 36.81 ng
 RT: 3.52 min Scan# 73
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion: 88 Resp: 91858
 Ion Ratio Lower Upper
 88 100
 58 76.8 63.0 94.4
 43 28.9 24.8 37.2



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





#3

Pyridine

Concen: 30.18 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

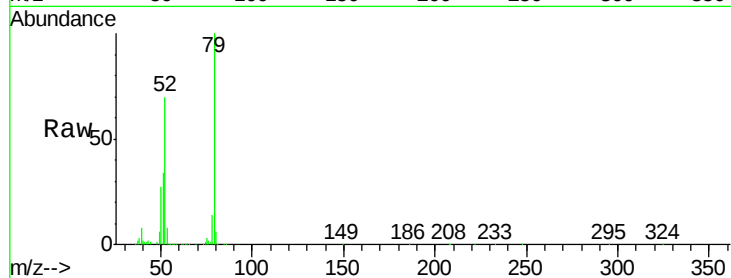
Tgt Ion: 79 Resp: 222978

Ion Ratio Lower Upper

79 100

52 70.0 56.3 84.5

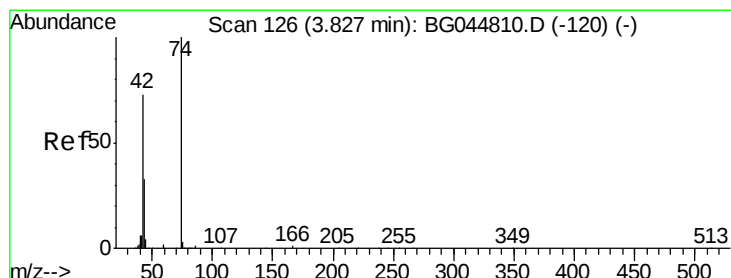
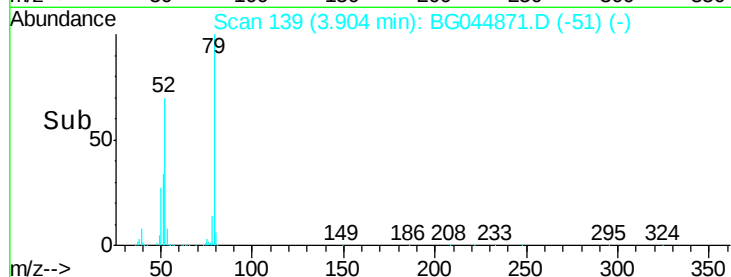
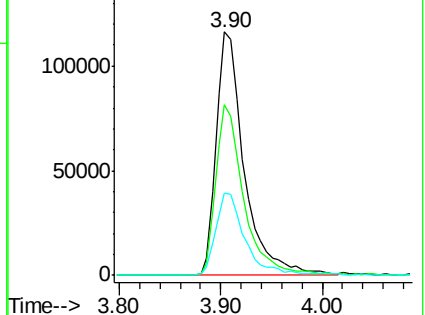
51 33.8 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.02 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

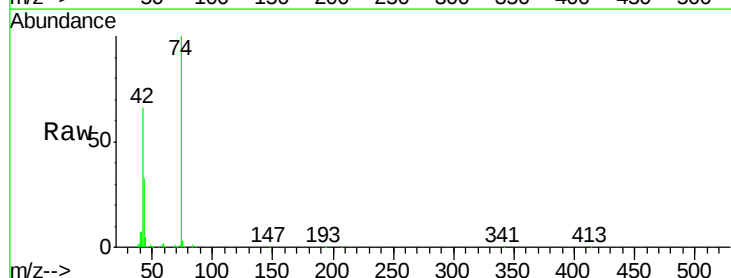
Tgt Ion: 42 Resp: 106571

Ion Ratio Lower Upper

42 100

74 151.1 109.1 163.7

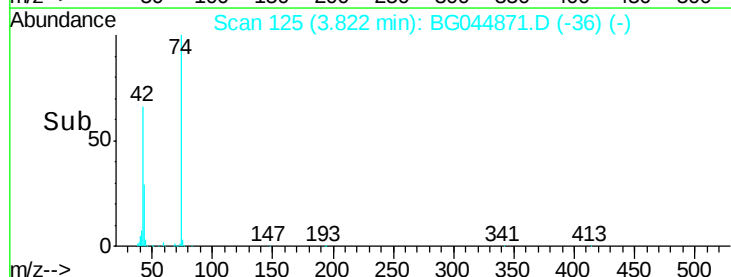
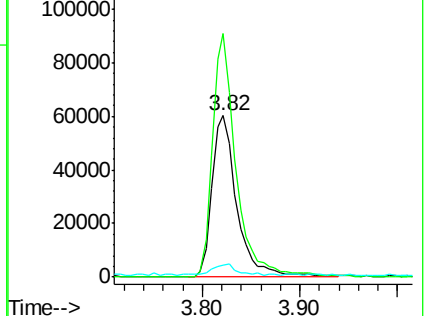
44 7.1 5.4 8.2

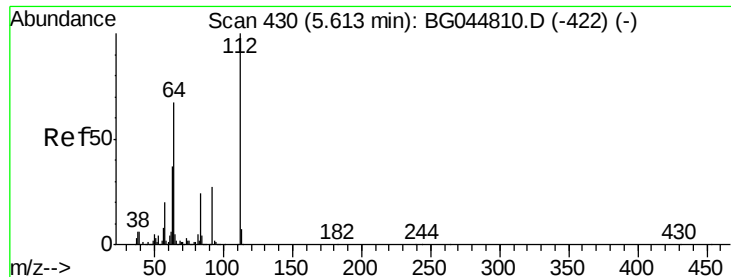


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 114.32 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

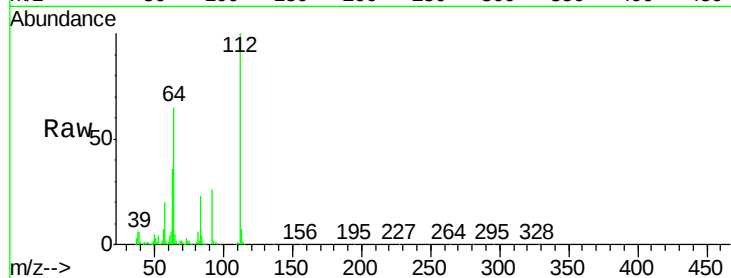
Tgt Ion: 112 Resp: 592426

Ion Ratio Lower Upper

112 100

64 65.0 53.4 80.2

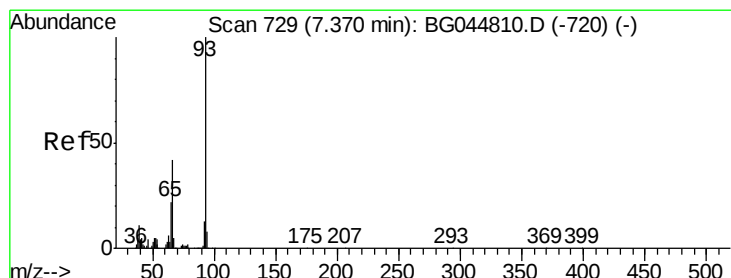
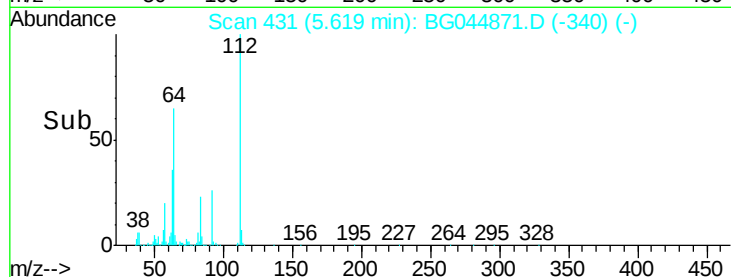
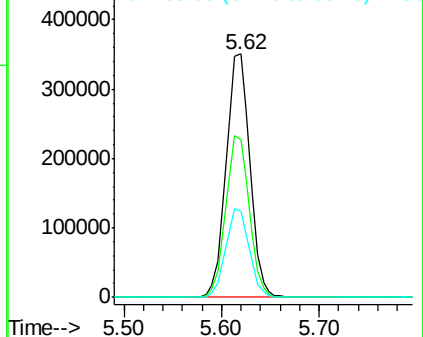
63 35.5 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.23 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

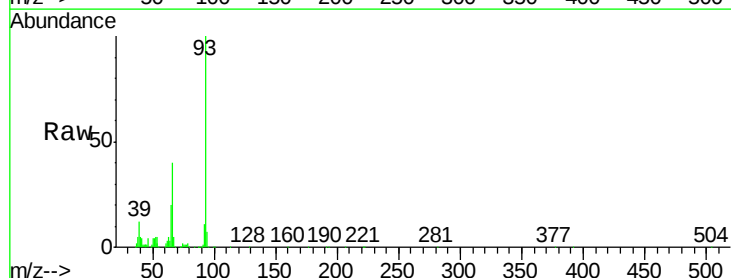
Tgt Ion: 93 Resp: 264507

Ion Ratio Lower Upper

93 100

66 40.0 33.7 50.5

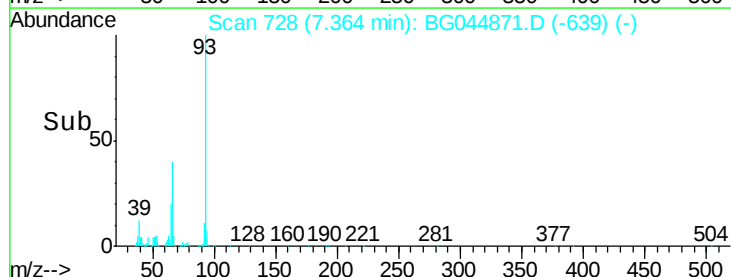
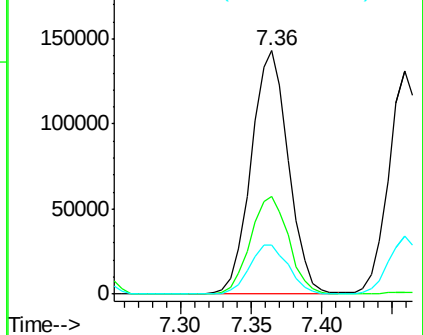
65 20.2 17.7 26.5

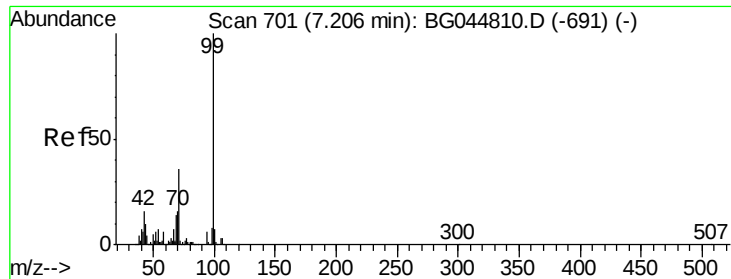


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.33 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

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ClientSampleId :

PB127599BS

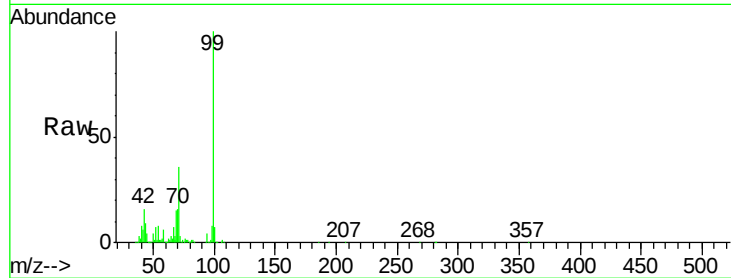
Tgt Ion: 99 Resp: 823188

Ion Ratio Lower Upper

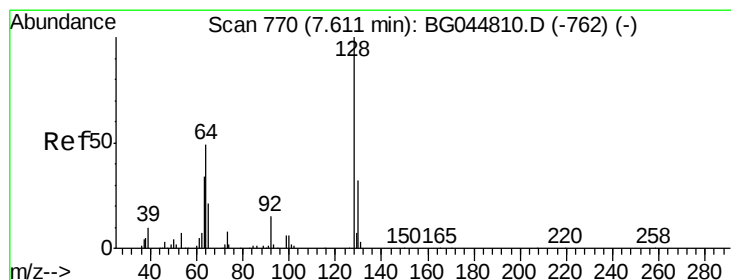
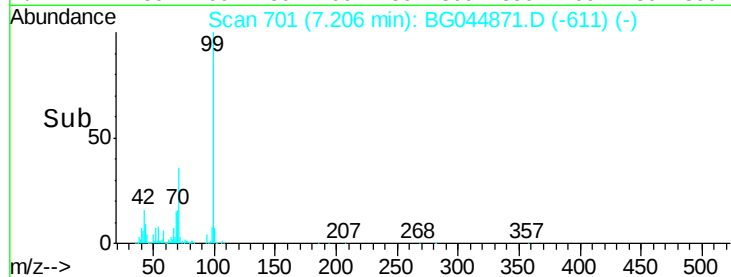
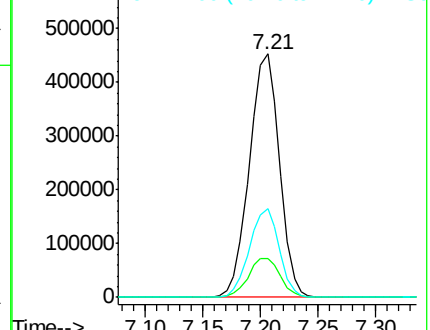
99 100

42 15.9 12.6 19.0

71 36.4 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: 42.01 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

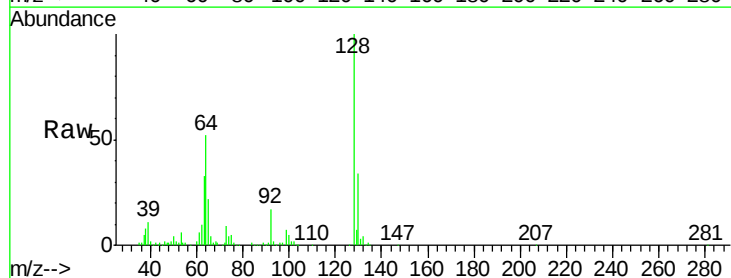
Tgt Ion: 128 Resp: 217314

Ion Ratio Lower Upper

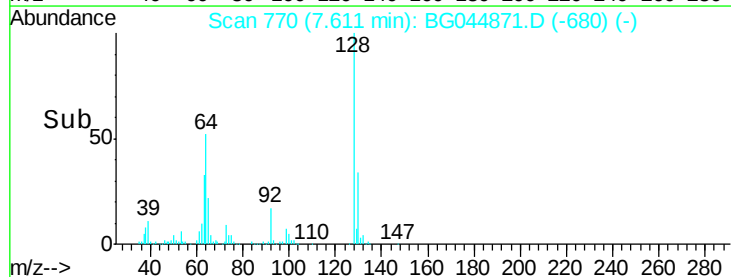
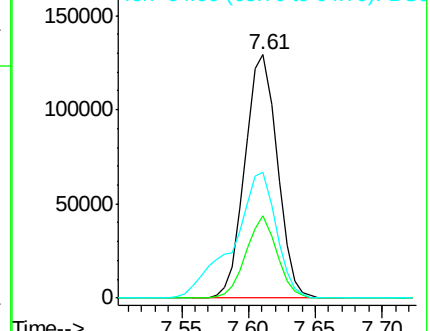
128 100

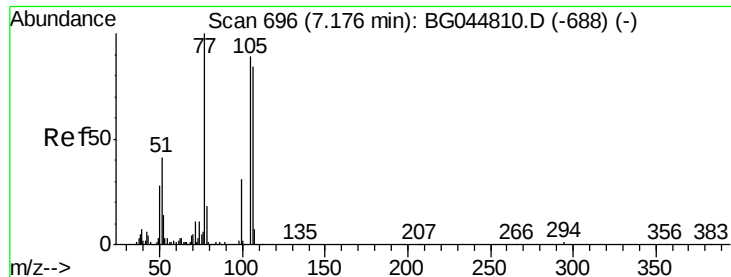
130 33.6 11.6 51.6

64 51.7 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: 20.54 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

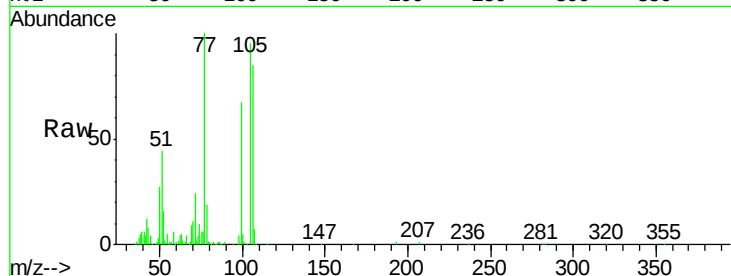
Tgt Ion: 77 Resp: 109830

Ion Ratio Lower Upper

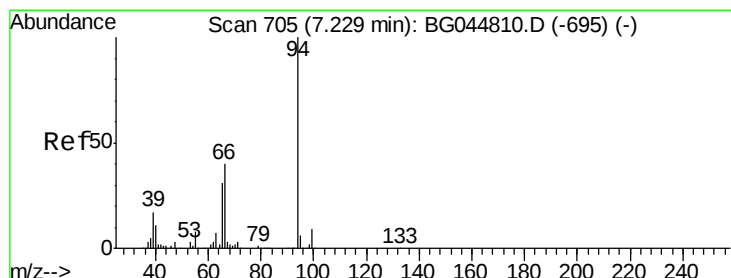
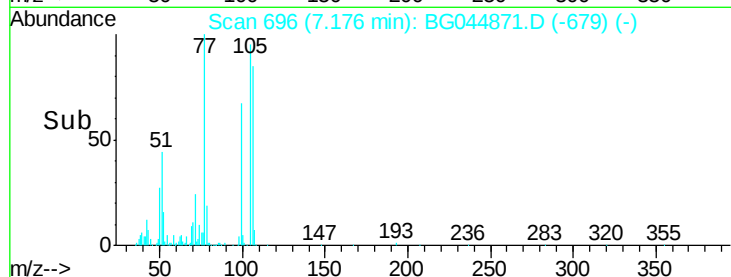
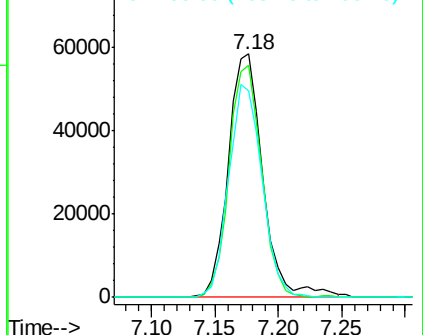
77 100

105 95.2 69.3 109.3

106 85.0 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: 40.04 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

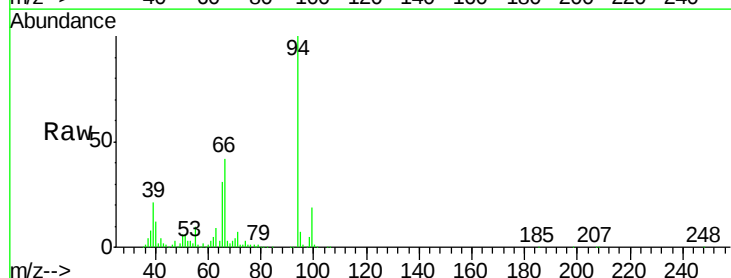
Tgt Ion: 94 Resp: 298496

Ion Ratio Lower Upper

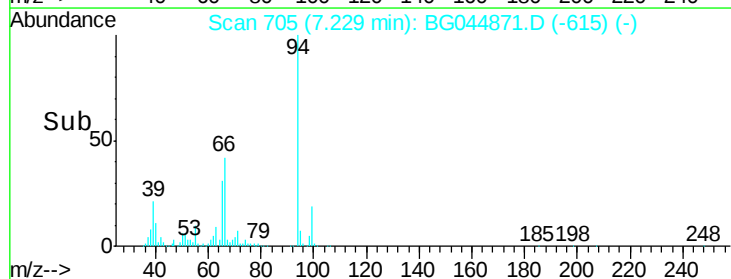
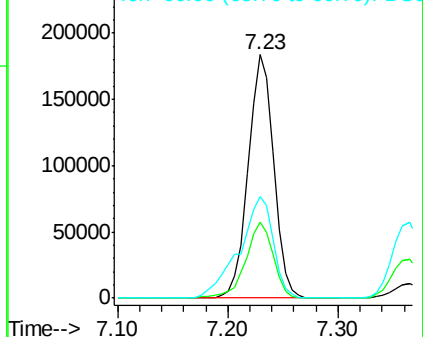
94 100

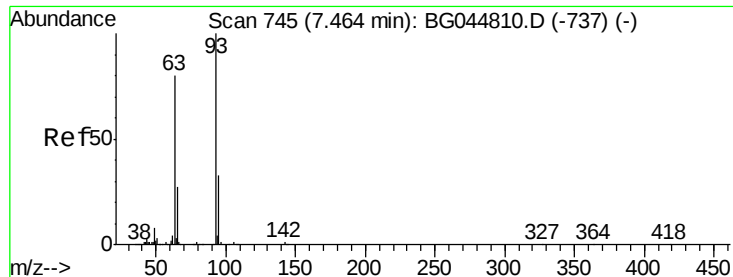
65 31.3 11.0 51.0

66 41.9 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

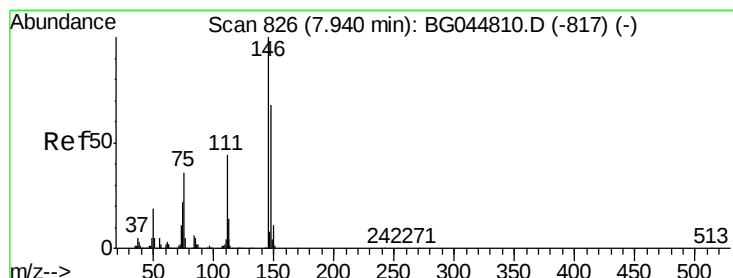
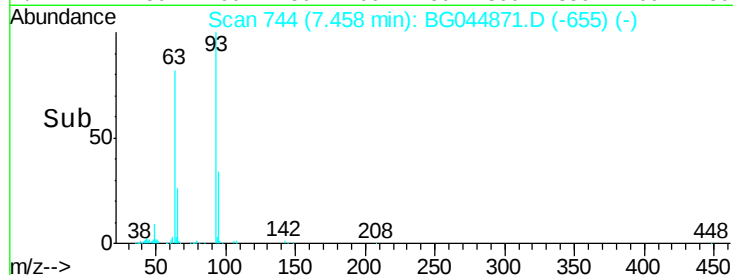
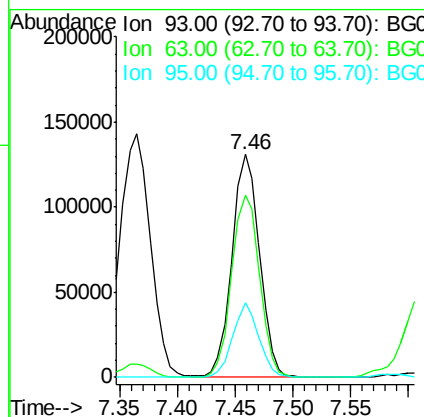
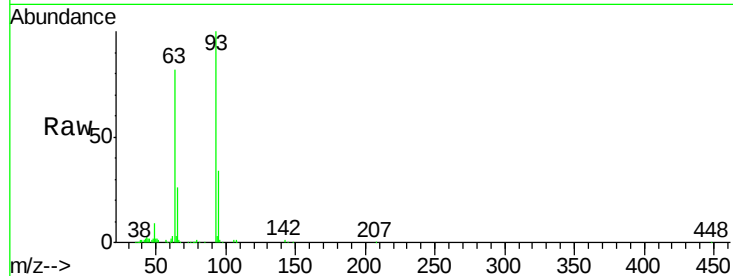




#11
bis(2-Chloroethyl)ether
Concen: 36.64 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

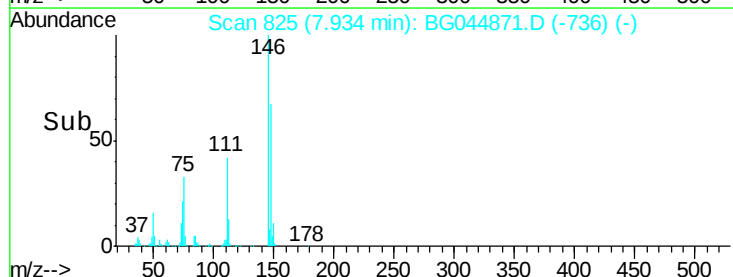
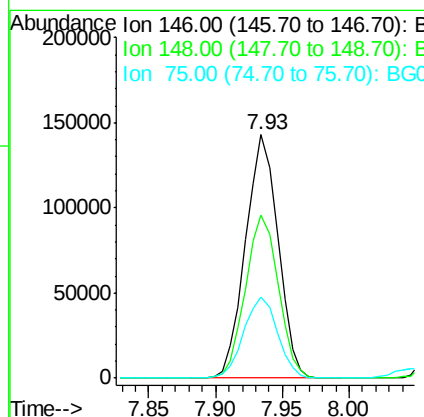
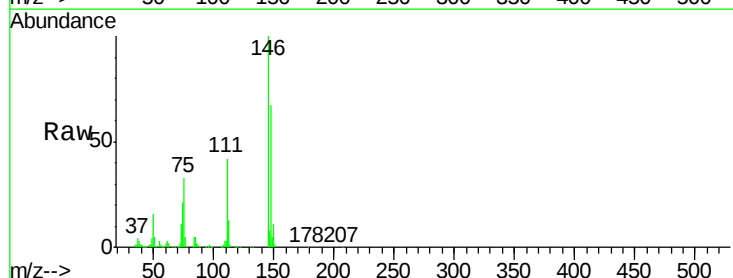
Instrument :
BNA_G
ClientSampleId :
PB127599BS

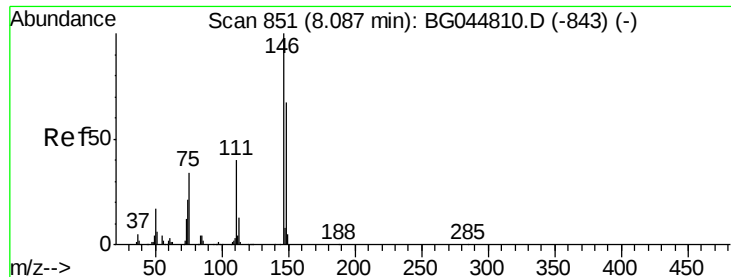
Tgt Ion: 93 Resp: 217971
Ion Ratio Lower Upper
93 100
63 81.9 59.7 99.7
95 33.7 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 37.84 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion: 146 Resp: 241104
Ion Ratio Lower Upper
146 100
148 66.8 54.2 81.4
75 33.2 28.6 42.8

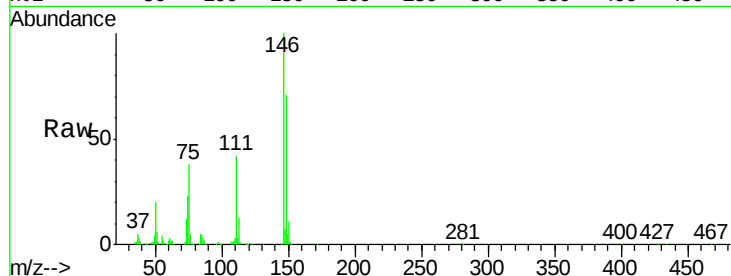




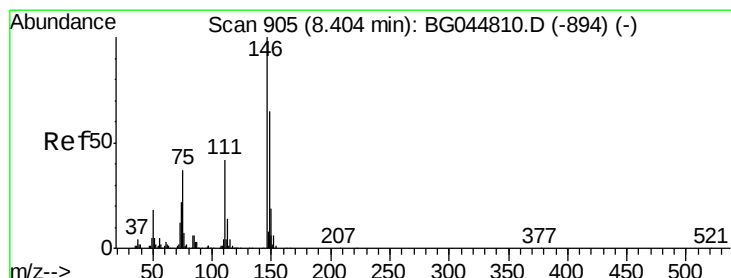
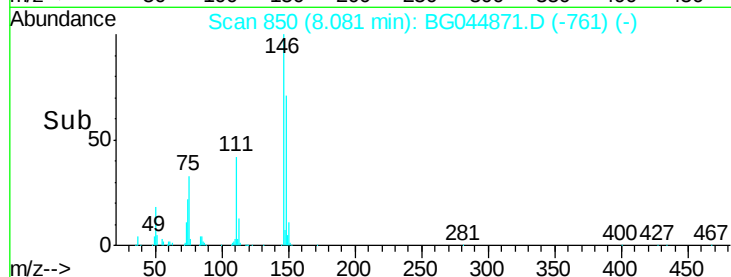
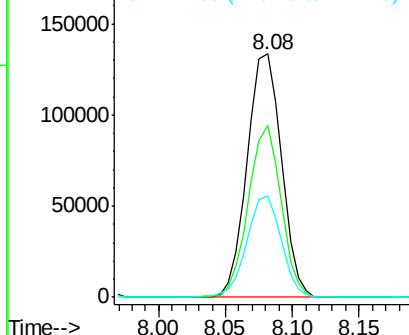
#13
 1,4-Dichlorobenzene
 Concen: 37.68 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.8	53.8	80.6
111	41.5	32.0	48.0

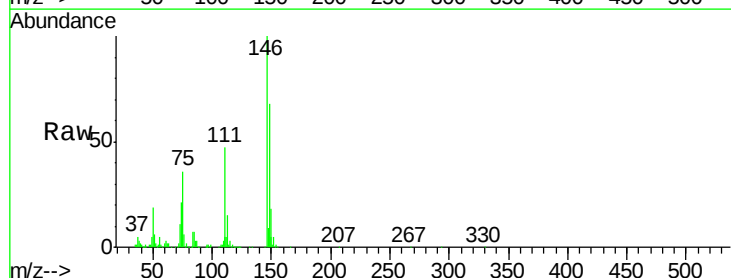


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

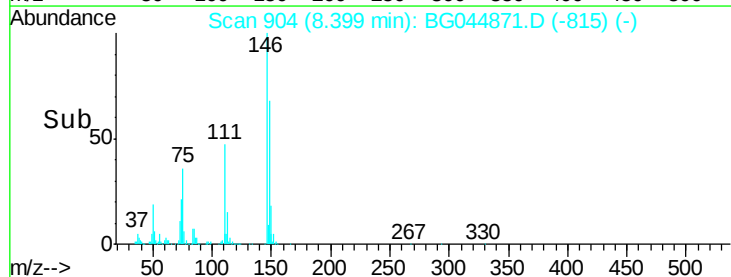
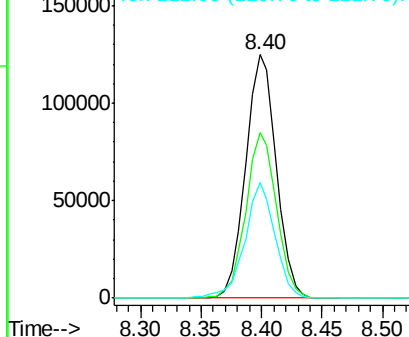


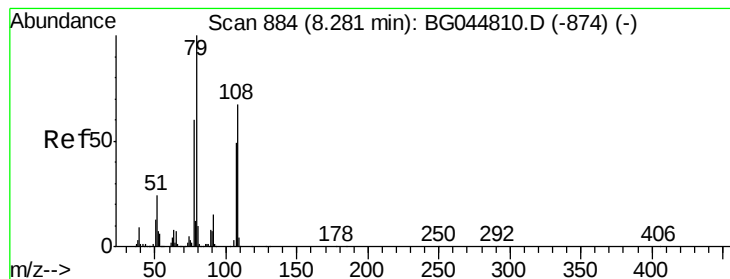
#14
 1,2-Dichlorobenzene
 Concen: 36.70 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	52.1	78.1
111	47.5	33.4	50.2



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





#15

Benzyl Alcohol

Concen: 37.67 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

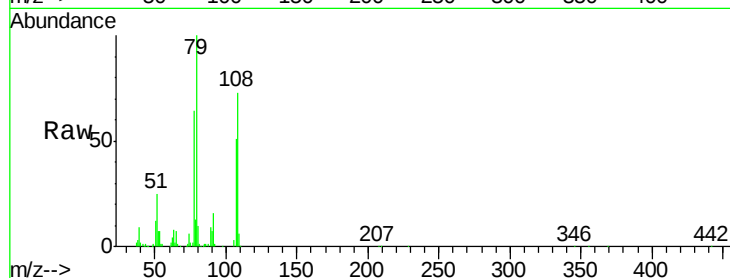
Tgt Ion: 79 Resp: 227569

Ion Ratio Lower Upper

79 100

108 73.4 53.8 80.8

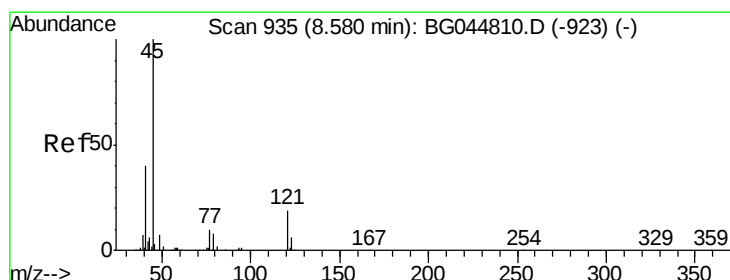
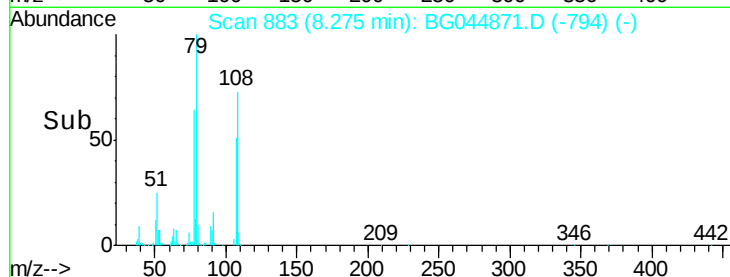
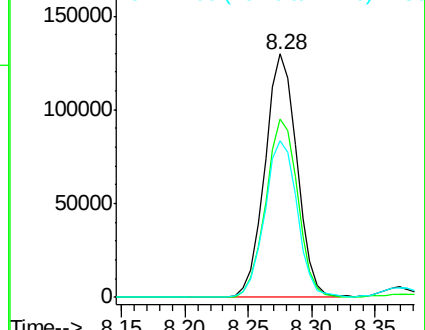
77 64.4 47.8 71.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.93 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

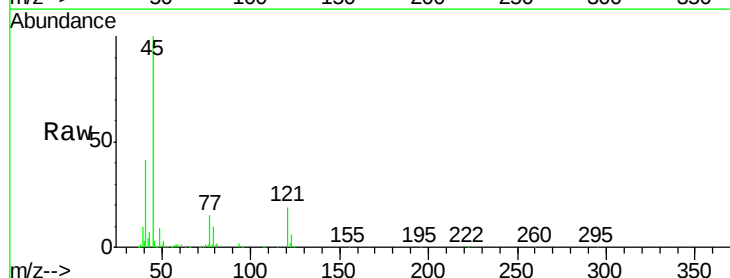
Tgt Ion: 45 Resp: 324698

Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.9

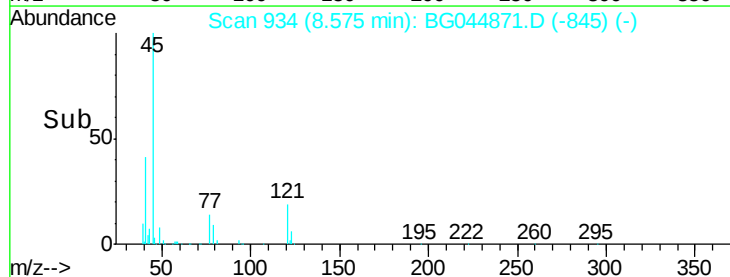
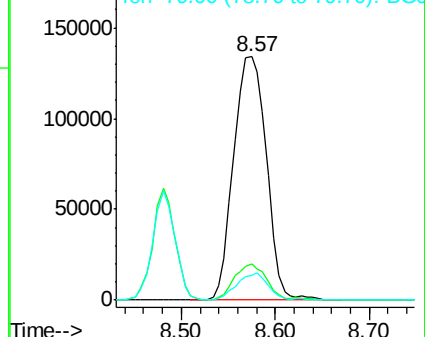
79 10.1 0.0 30.8

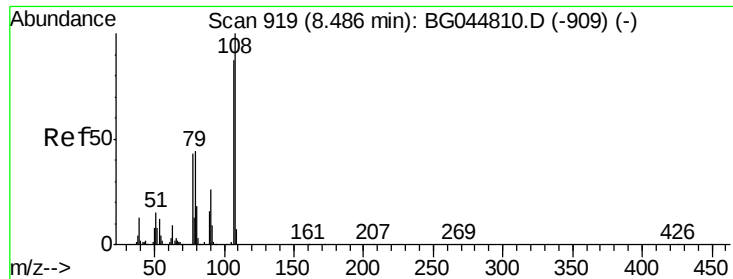


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

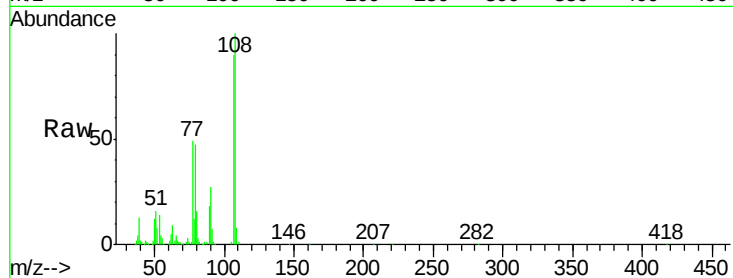




#17
2-Methylphenol
Concen: 39.74 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tgt Ion:	107	Resp:	200666
Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.8	137.8
77	54.0	40.0	60.0
79	52.6	40.2	60.2



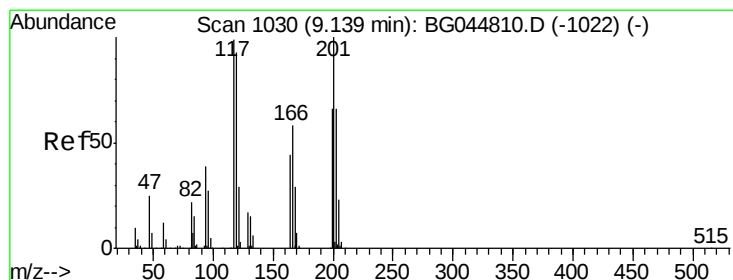
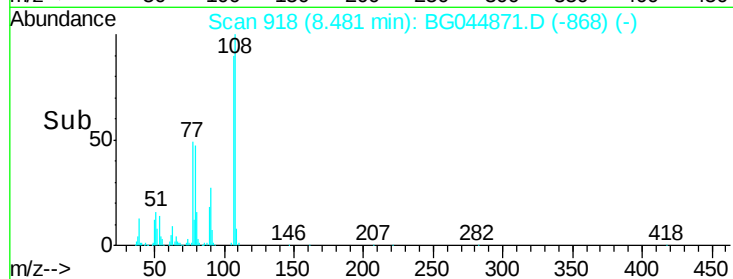
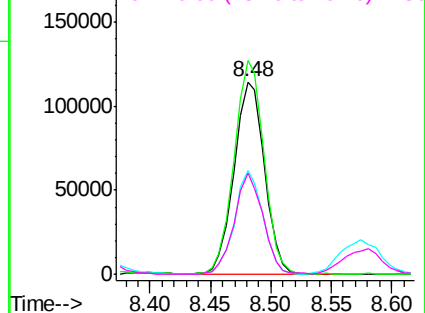
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

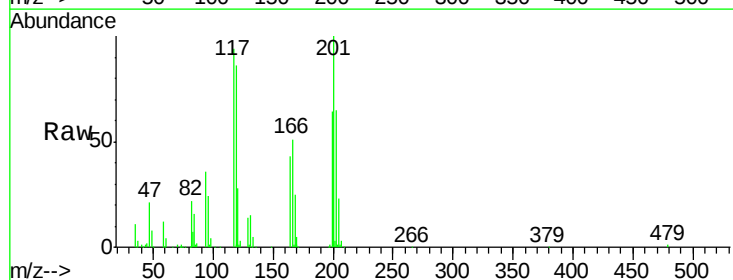
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.70 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:	117	Resp:	93500
Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.2	112.8
201	105.9	81.1	121.7

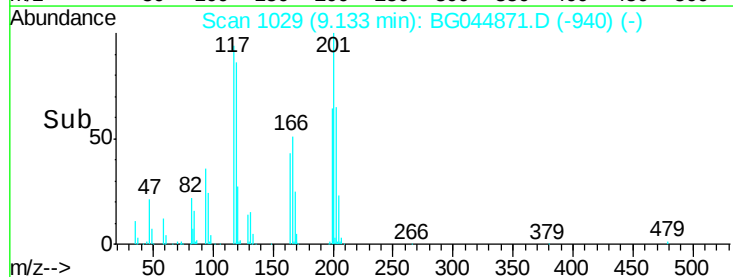
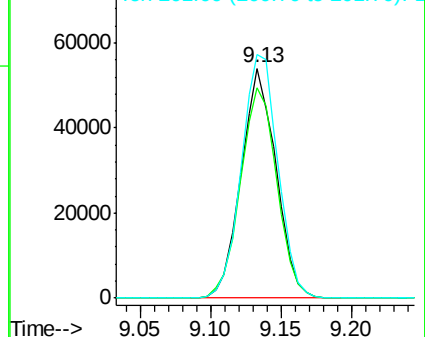


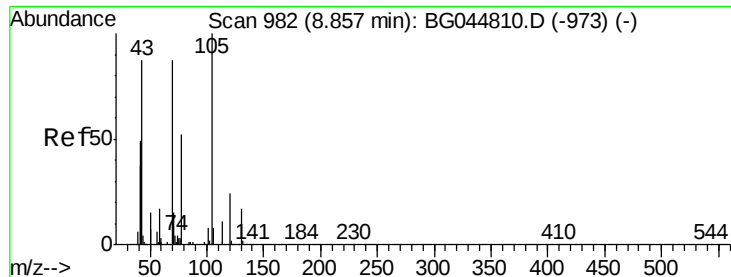
Abundance

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

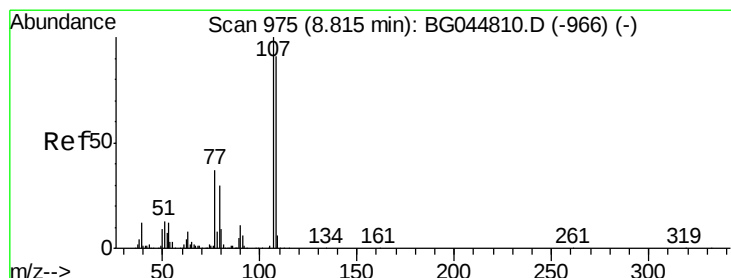
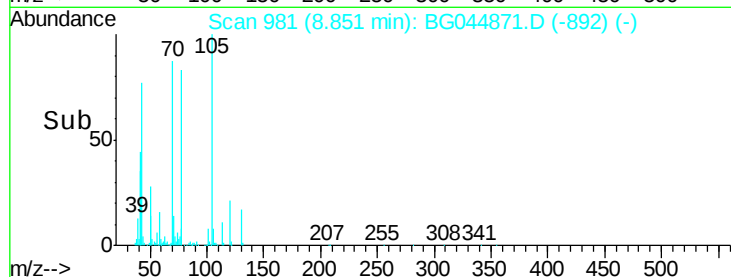
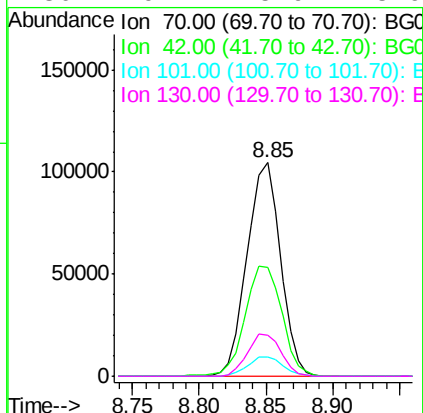
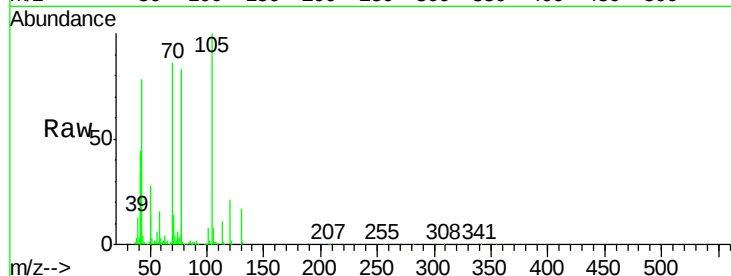




#19
n-Nitroso-di-n-propylamine
Concen: 34.12 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

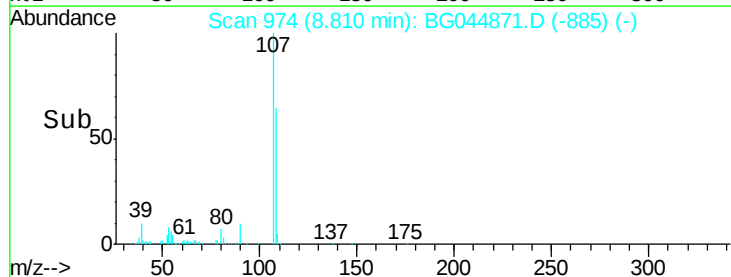
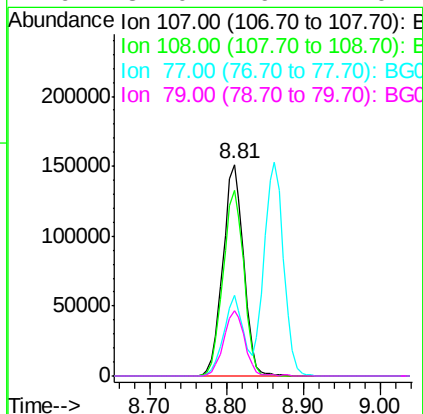
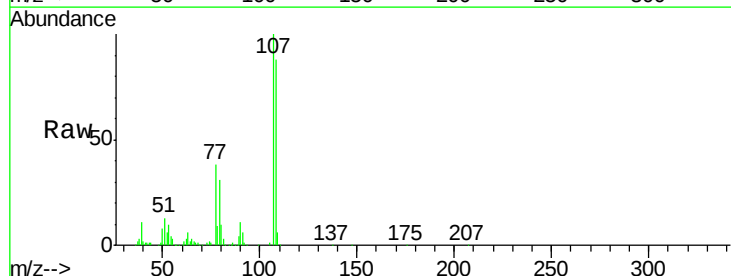
Instrument :
BNA_G
ClientSampleId :
PB127599BS

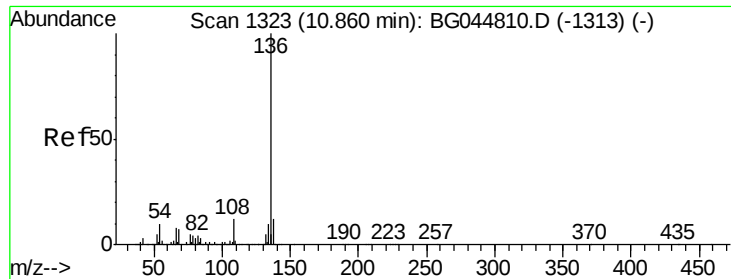
Tgt Ion:	70	Resp:	181412
Ion	Ratio	Lower	Upper
70	100		
42	50.8	45.7	68.5
101	9.1	7.4	11.2
130	19.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.61 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:	107	Resp:	282689
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.3	111.3
77	38.0	16.9	56.9
79	31.0	9.7	49.7

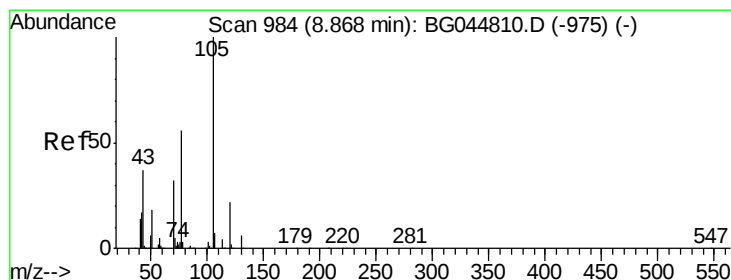
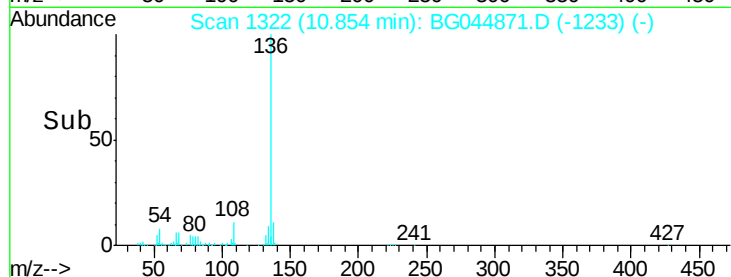
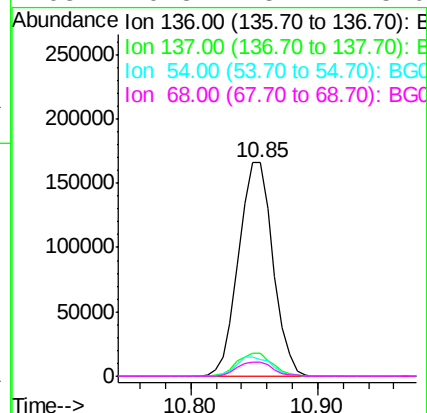
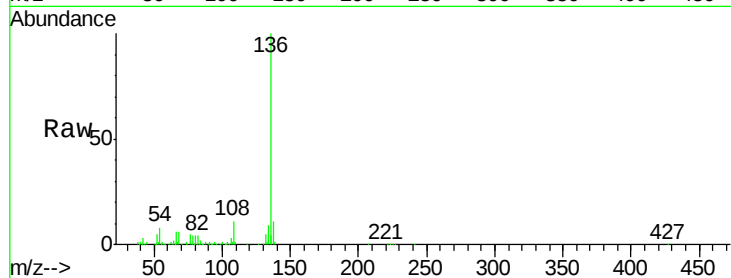




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

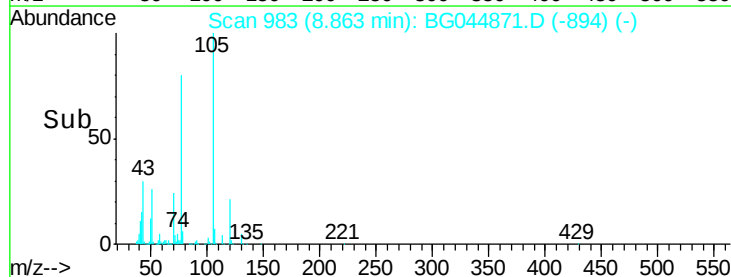
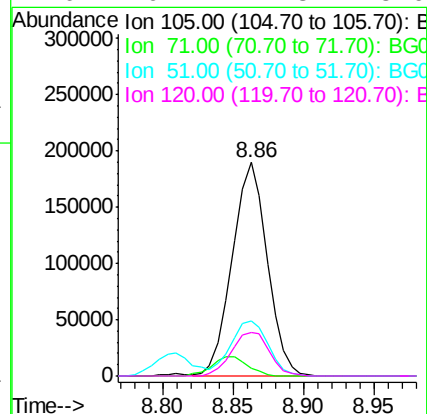
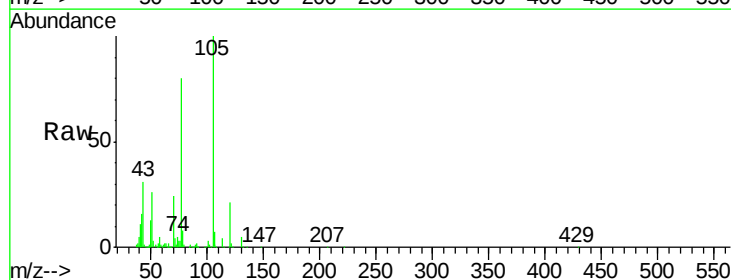
Instrument :
BNA_G
ClientSampleId :
PB127599BS

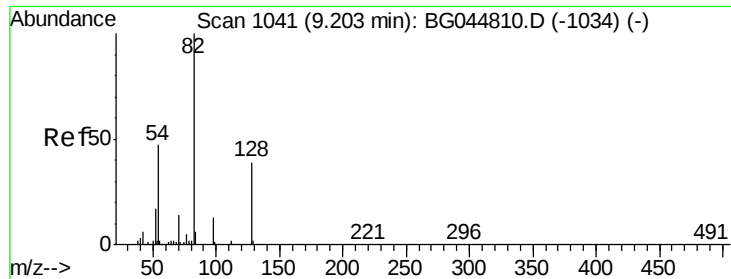
Tgt Ion:	136	Resp:	311263
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.0	7.9	11.9
68	6.3	5.4	8.0



#22
Acetophenone
Concen: 37.13 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:	105	Resp:	327395
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.9	5.9#
51	25.7	22.6	33.8
120	20.7	17.3	25.9

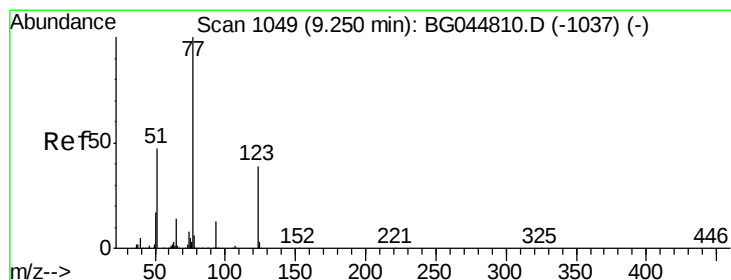
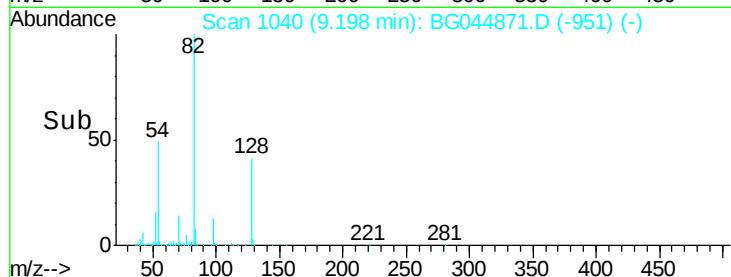
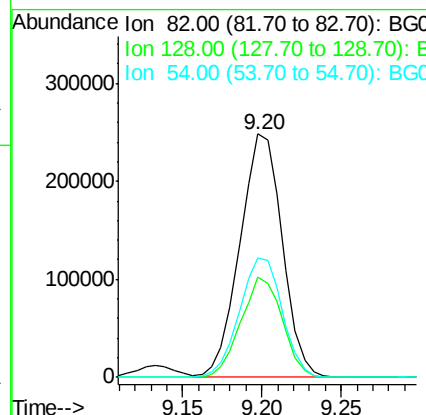
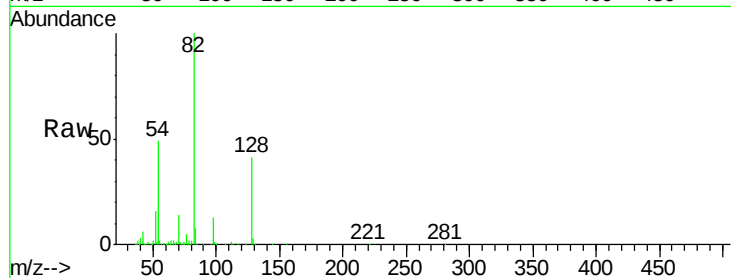




#23
 Nitrobenzene-d5
 Concen: 64.92 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

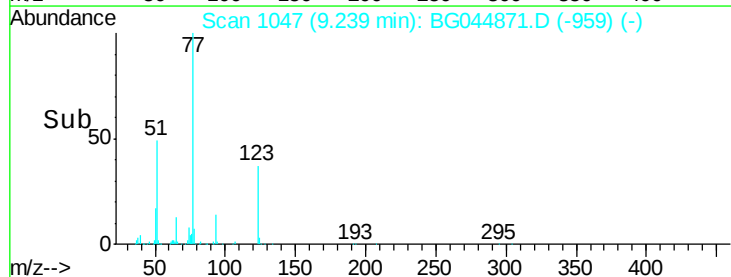
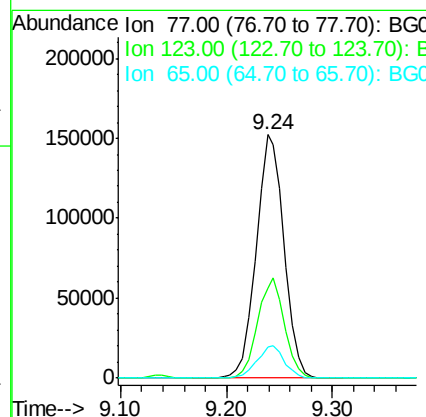
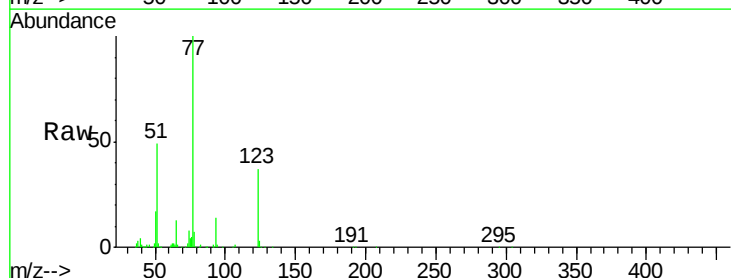
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

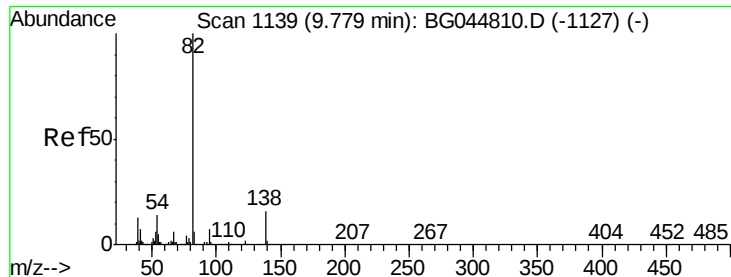
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.6	46.0
54	48.9	37.1	55.7



#24
 Nitrobenzene
 Concen: 37.83 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	31.3	46.9
65	12.6	11.4	17.0





#25

Isophorone

Concen: 36.39 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

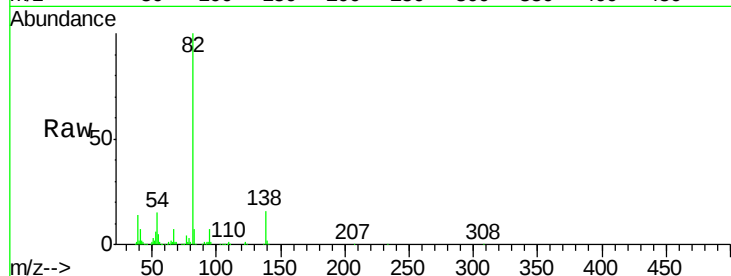
Tgt Ion: 82 Resp: 503732

Ion Ratio Lower Upper

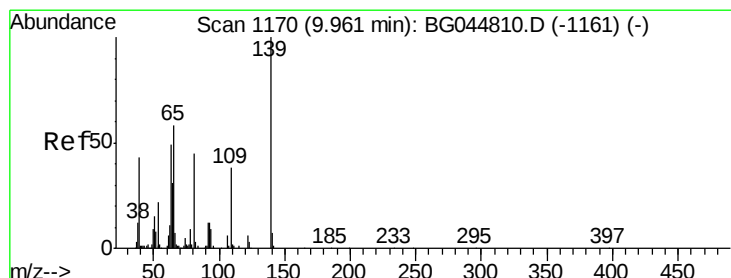
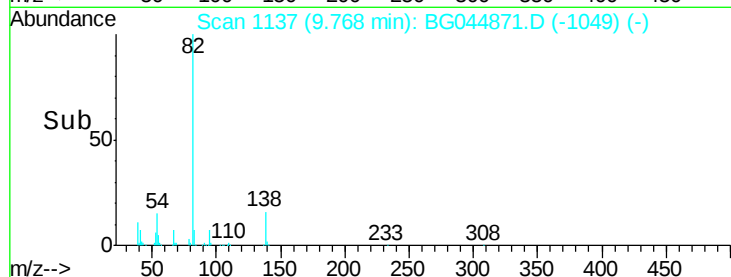
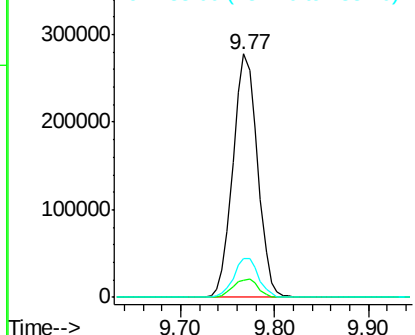
82 100

95 7.2 5.5 8.3

138 15.7 12.5 18.7



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



#26

2-Nitrophenol

Concen: 48.12 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

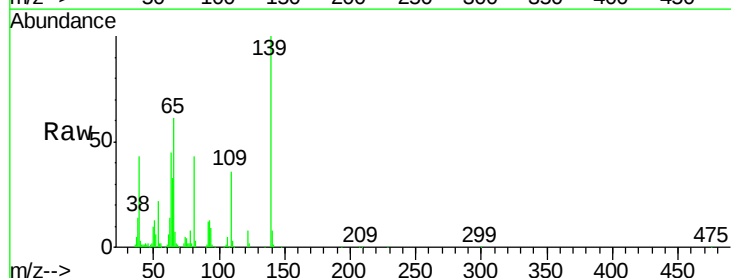
Tgt Ion: 139 Resp: 123000

Ion Ratio Lower Upper

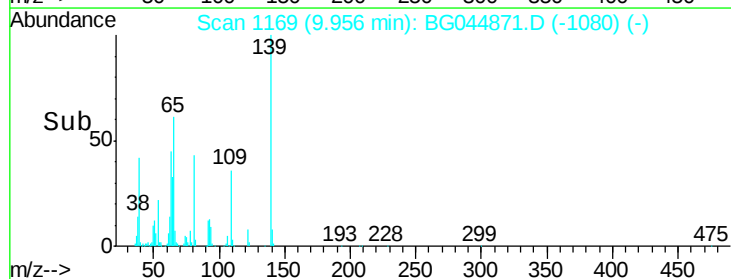
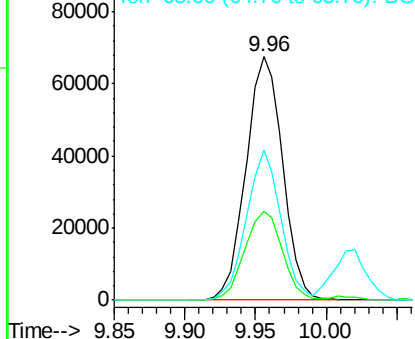
139 100

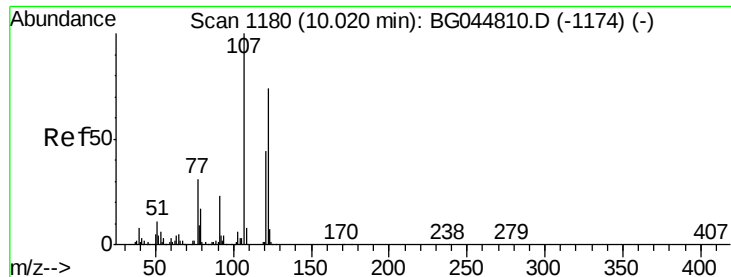
109 36.5 30.2 45.4

65 61.4 46.3 69.5



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

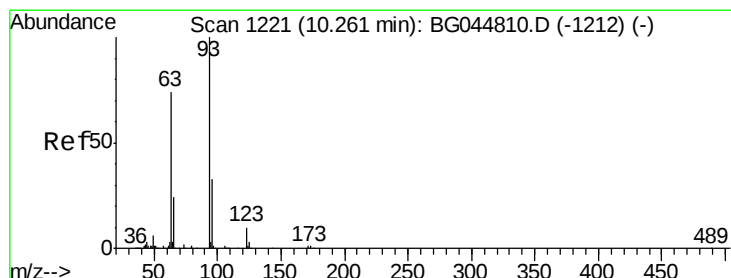
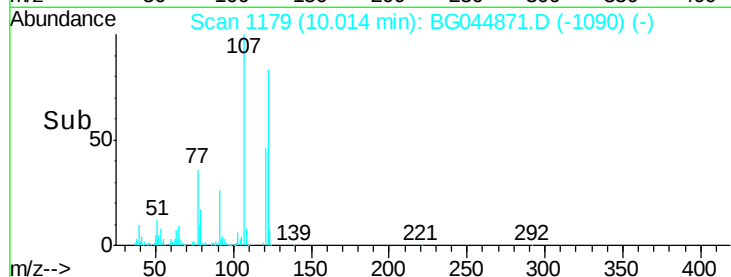
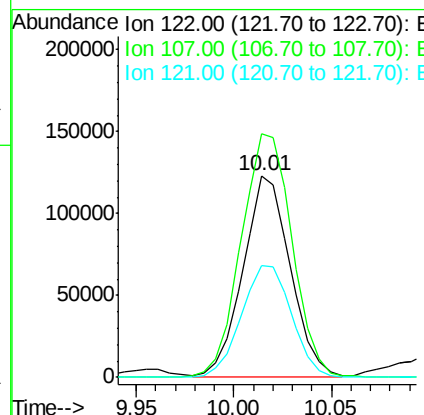
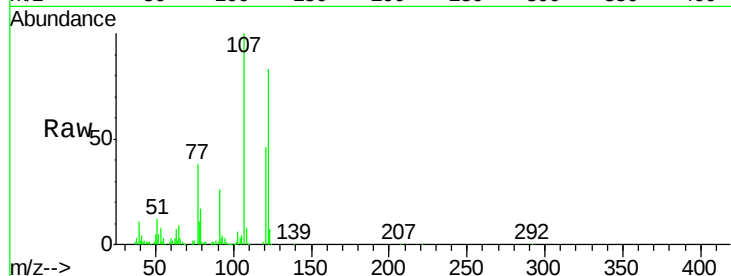




#27
 2,4-Dimethylphenol
 Concen: 45.58 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

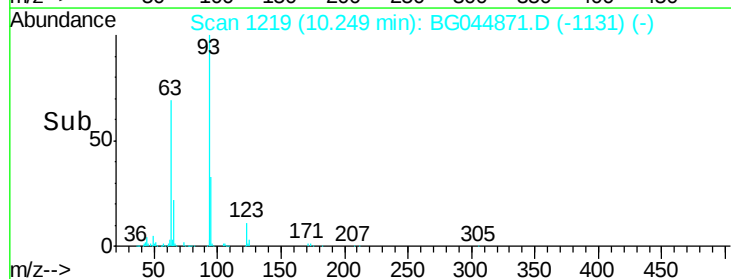
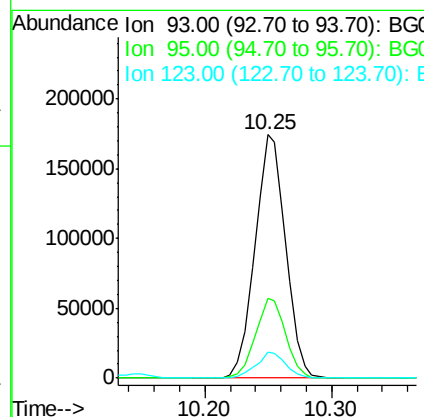
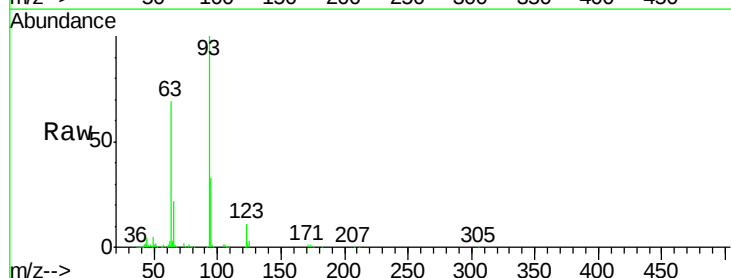
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

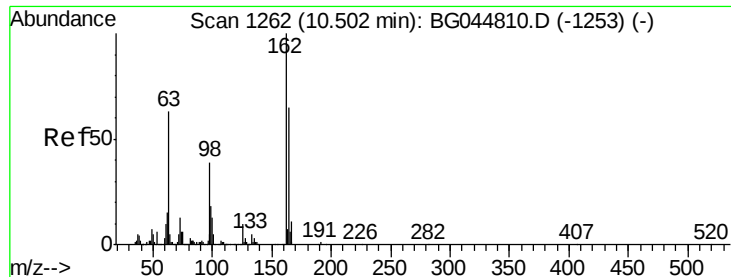
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.9	107.1	160.7
121	55.2	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.40 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	10.6	8.4	12.6

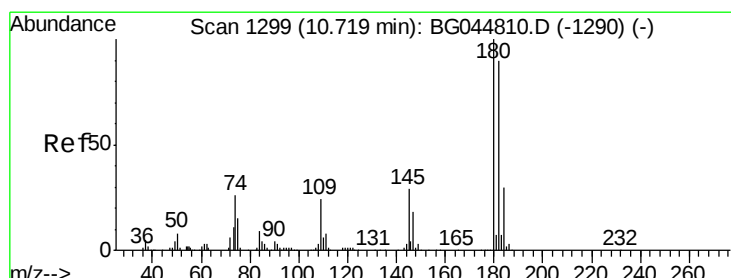
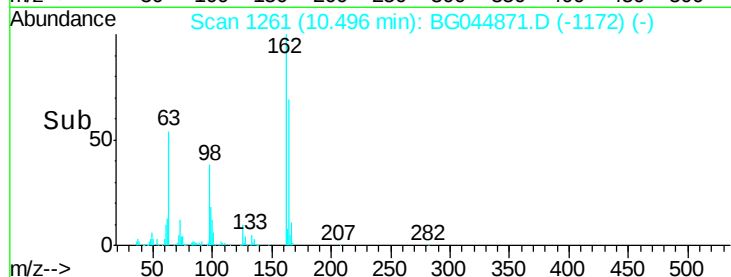
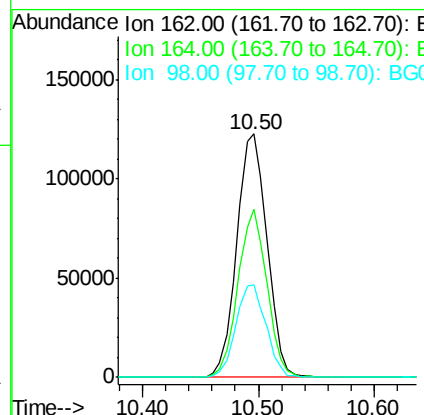
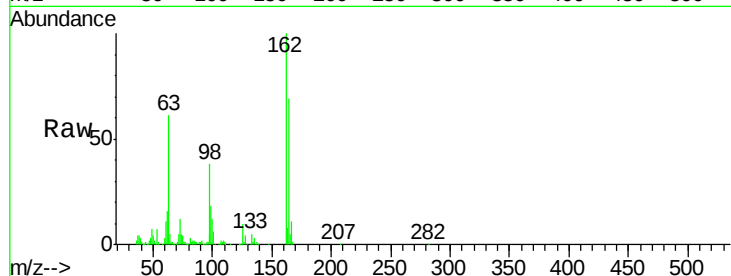




#29
2,4-Dichlorophenol
Concen: 42.22 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

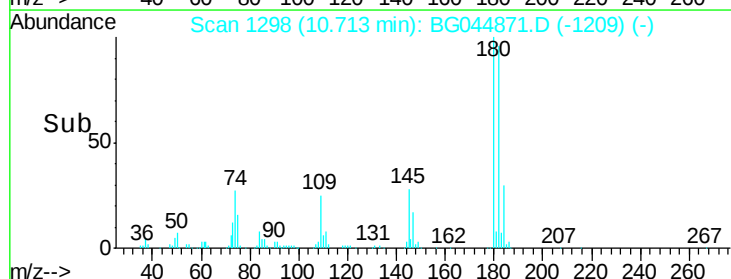
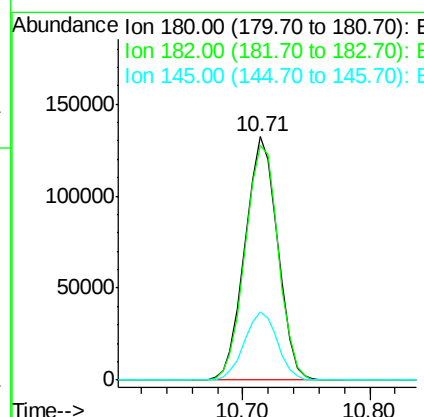
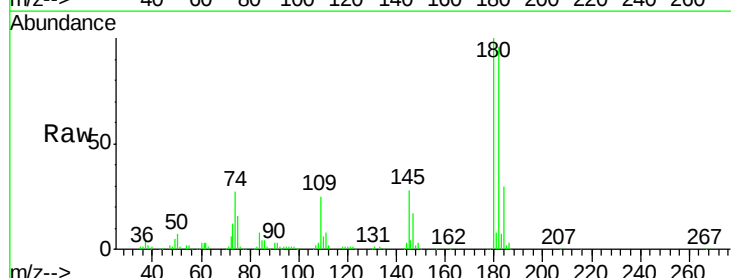
Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	222296		
164	69.1	45.2	85.2	
98	38.0	19.0	59.0	



#30
1,2,4-Trichlorobenzene
Concen: 37.70 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237361		
182	96.5	71.6	107.4	
145	28.2	23.4	35.0	

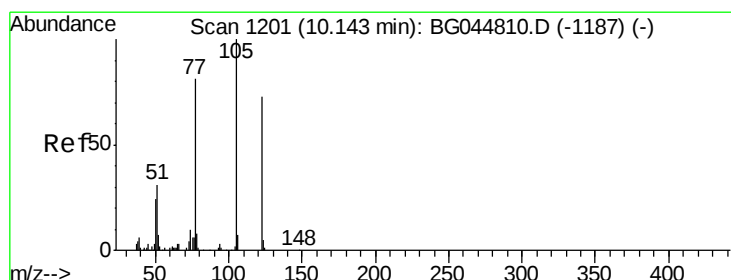
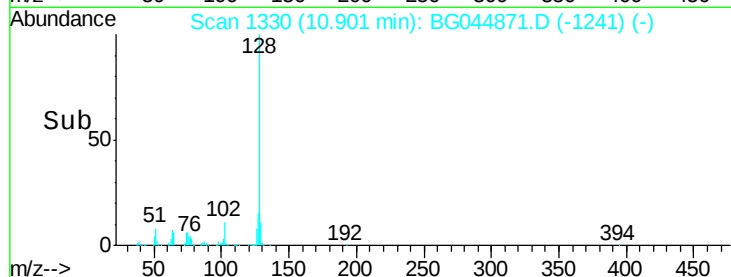
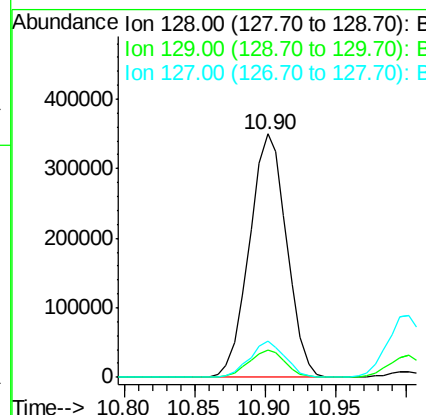
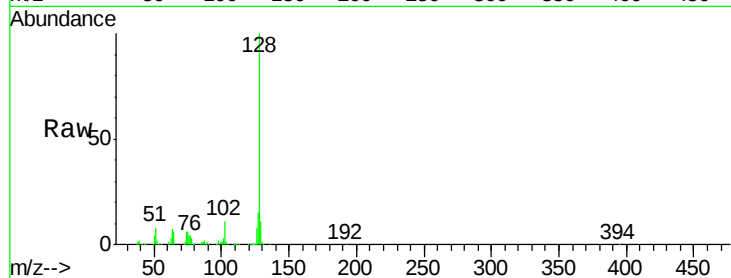




#31
Naphthalene
Concen: 37.57 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

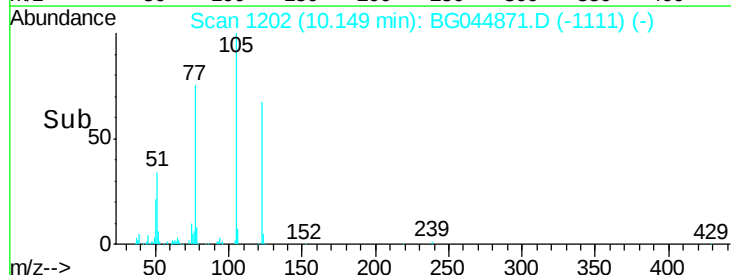
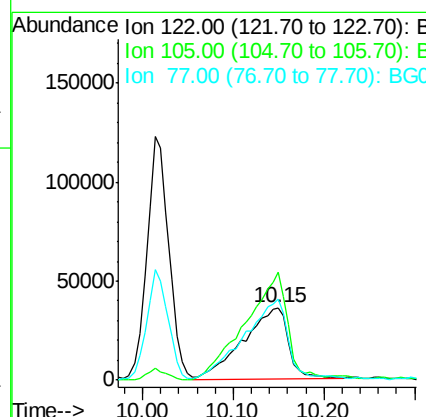
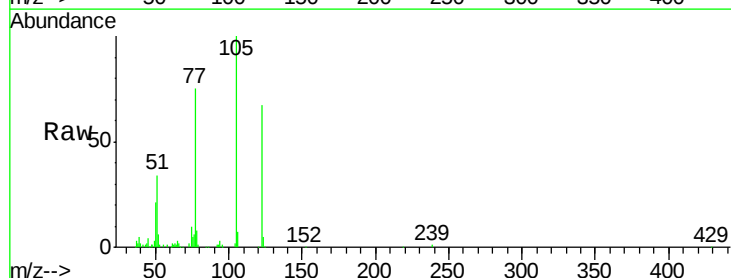
Instrument :
BNA_G
ClientSampleId :
PB127599BS

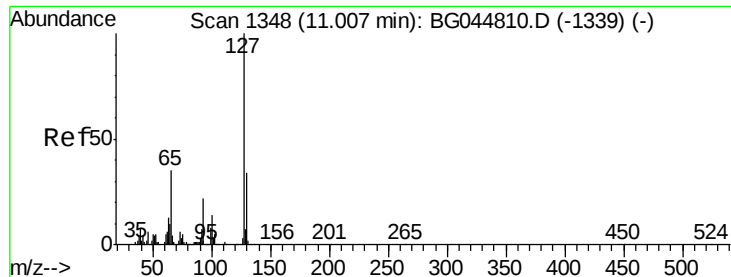
Tgt Ion:128 Resp: 647798
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 14.8 10.8 16.2



#32
Benzoic acid
Concen: 38.00 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:122 Resp: 124608
Ion Ratio Lower Upper
122 100
105 148.3 109.1 149.1
77 111.9 85.3 125.3

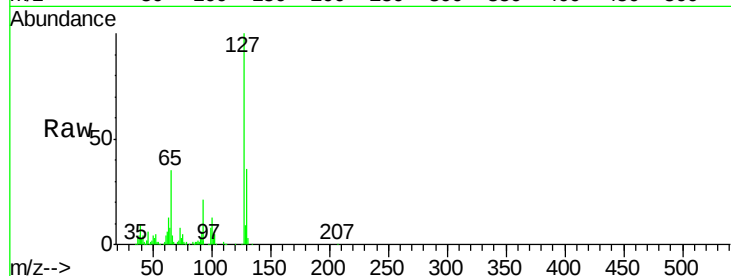




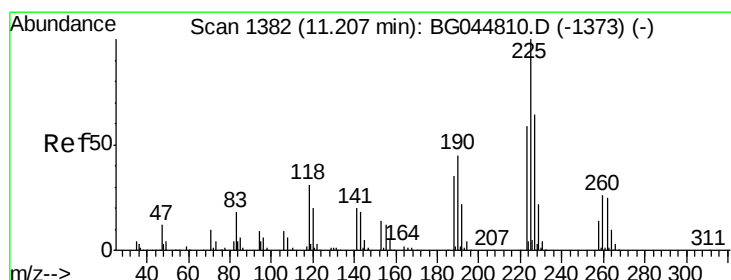
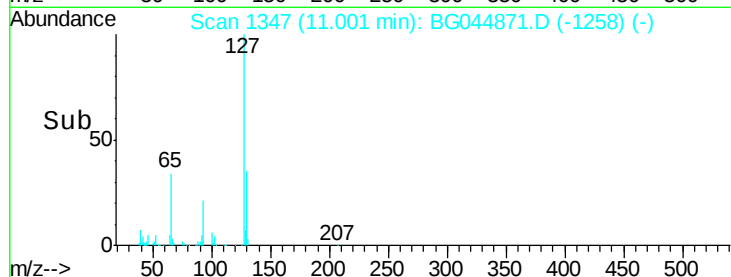
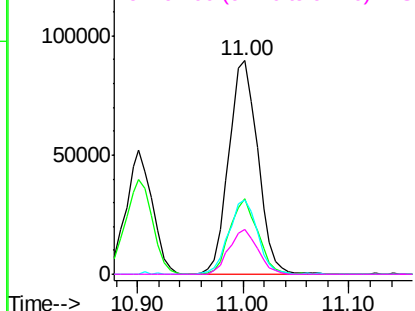
#33
4-Chloroaniline
Concen: 21.91 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tgt Ion:	127	Resp:	170229
Ion	Ratio	Lower	Upper
127	100		
129	35.6	26.9	40.3
65	34.6	27.7	41.5
92	21.1	17.4	26.2

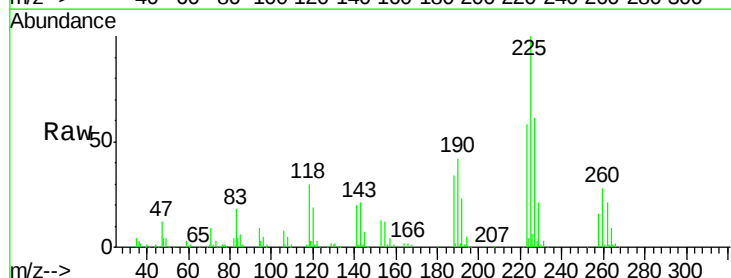


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

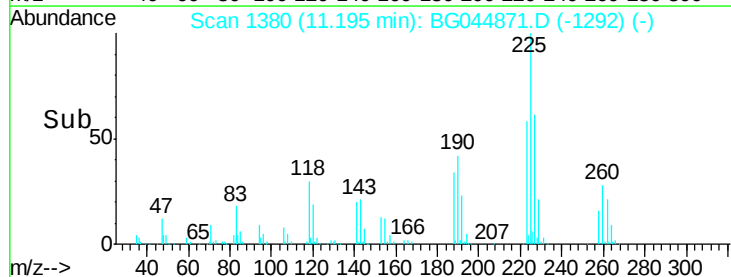
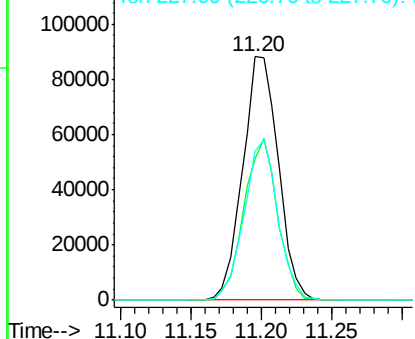


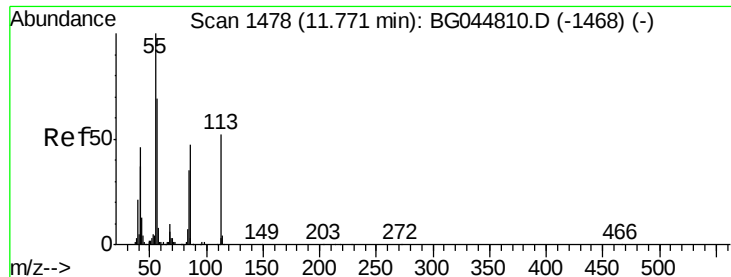
#34
Hexachlorobutadiene
Concen: 37.73 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:	225	Resp:	156218
Ion	Ratio	Lower	Upper
225	100		
223	58.2	47.4	71.0
227	61.2	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

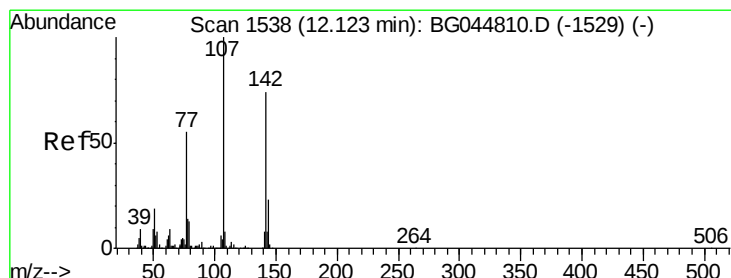
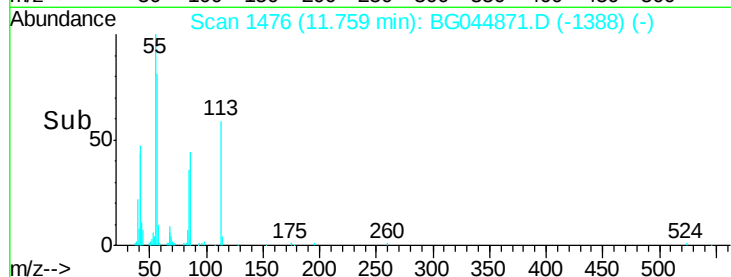
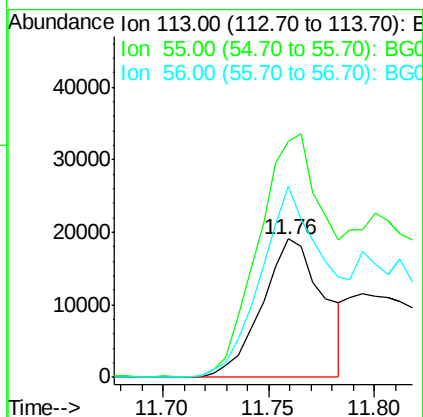
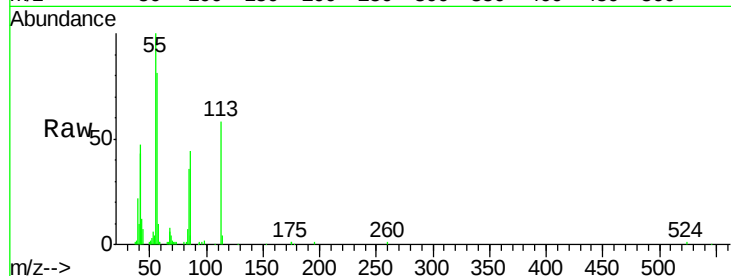




#35
 Caprolactam
 Concen: 19.25 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

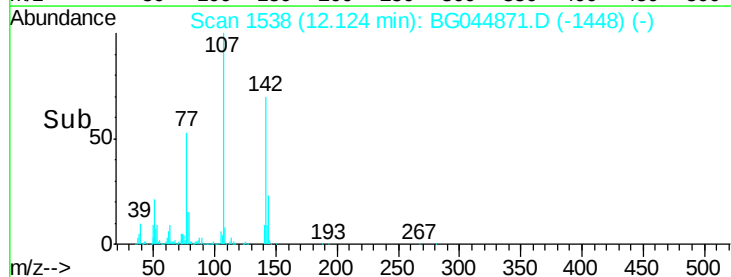
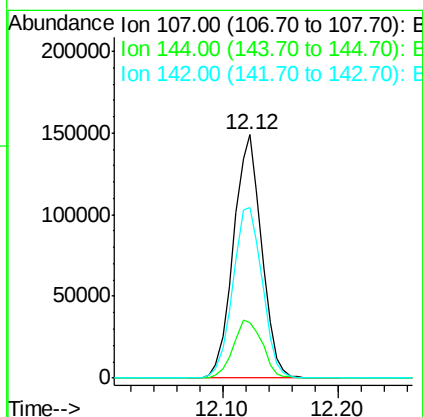
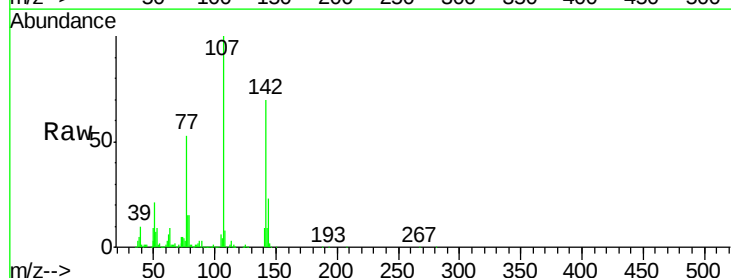
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

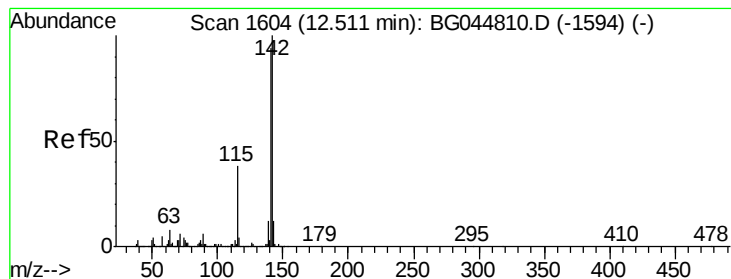
Tgt Ion:113 Resp: 38376
 Ion Ratio Lower Upper
 113 100
 55 171.0 173.8 213.8#
 56 138.0 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.99 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion:107 Resp: 251156
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.0 27.0
 142 69.9 59.0 88.4





#37

2-Methylnaphthalene

Concen: 38.35 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

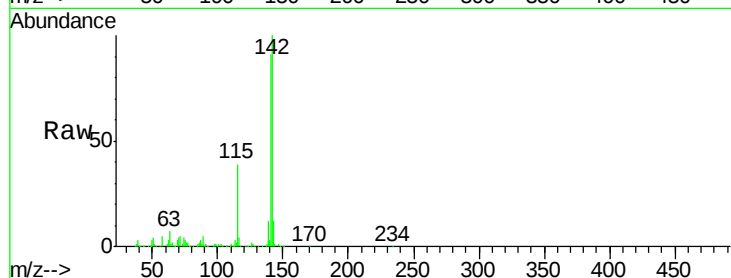
Tgt Ion:142 Resp: 494609

Ion Ratio Lower Upper

142 100

141 91.4 75.1 112.7

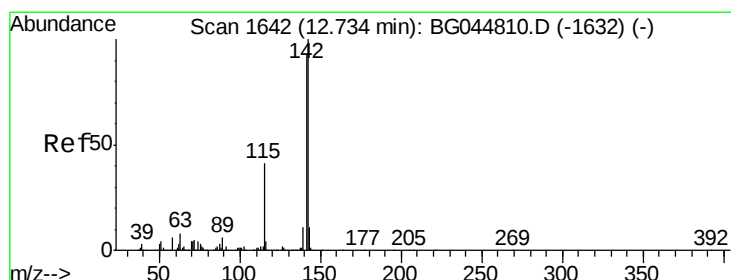
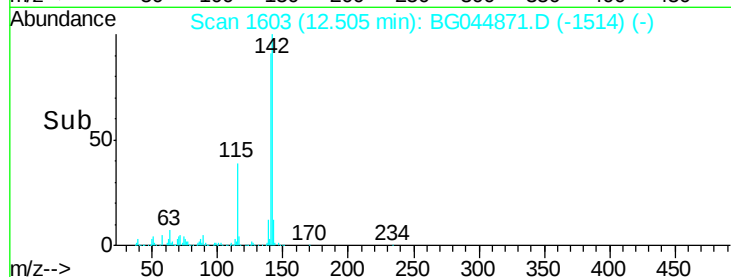
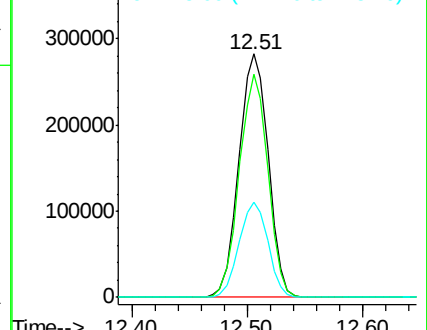
115 39.0 30.6 46.0



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: 38.35 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

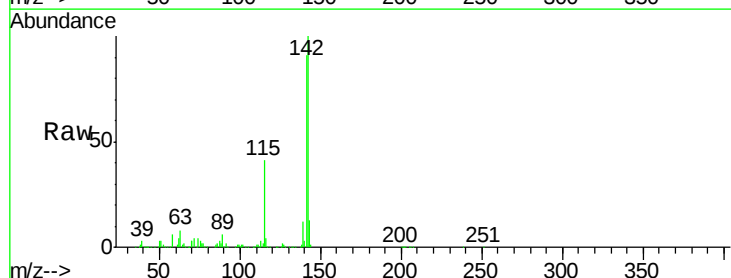
Tgt Ion:142 Resp: 465082

Ion Ratio Lower Upper

142 100

141 91.2 74.7 112.1

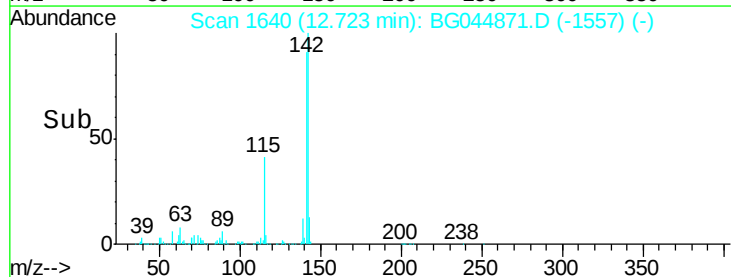
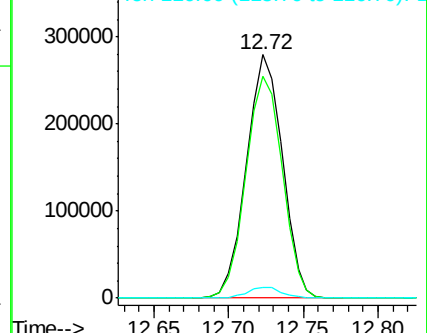
116 4.2 3.3 4.9



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: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

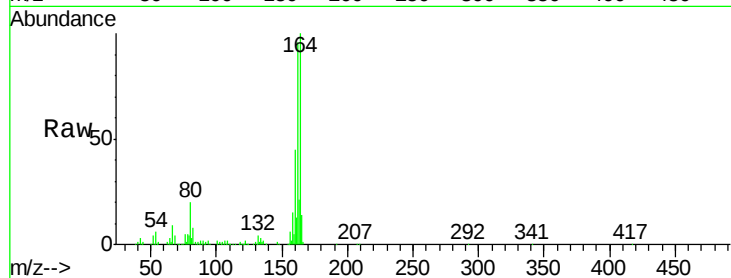
Tgt Ion:164 Resp: 208174

Ion Ratio Lower Upper

164 100

162 96.0 76.7 115.1

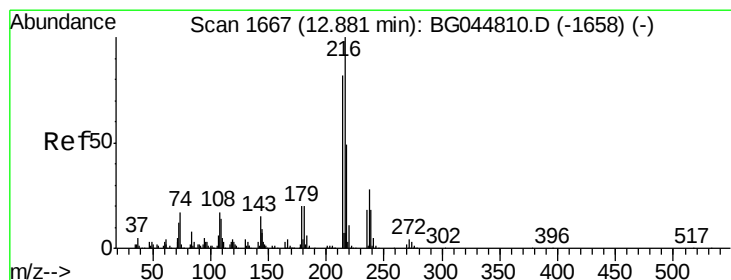
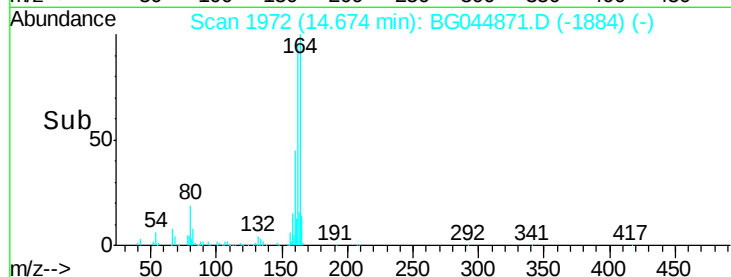
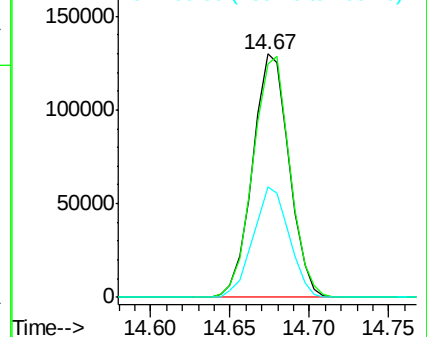
160 45.3 35.0 52.4



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: 38.16 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Tgt Ion:216 Resp: 261637

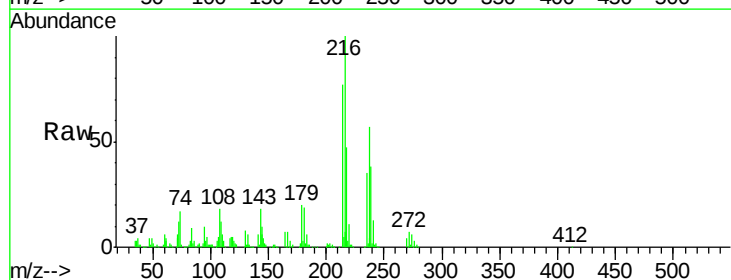
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 21.0 16.2 24.2

108 20.0 14.6 22.0

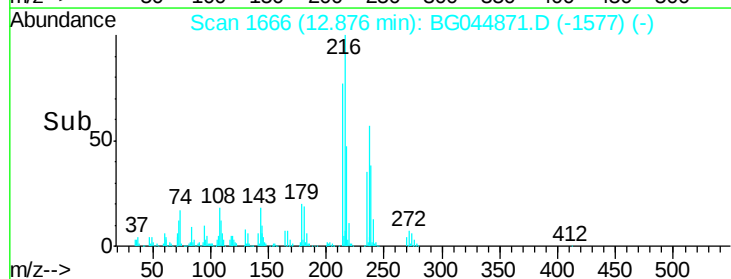
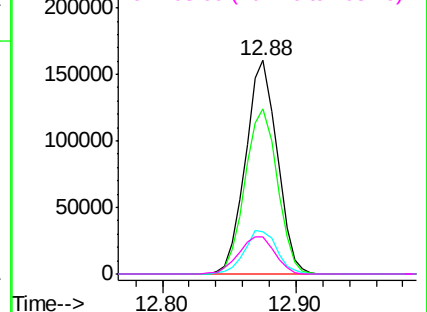


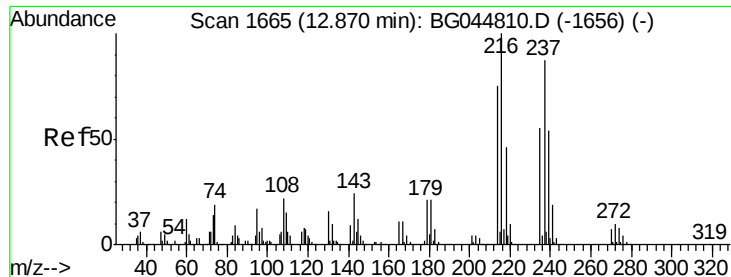
Abundance Ion 216.00 (215.70 to 216.70): E

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

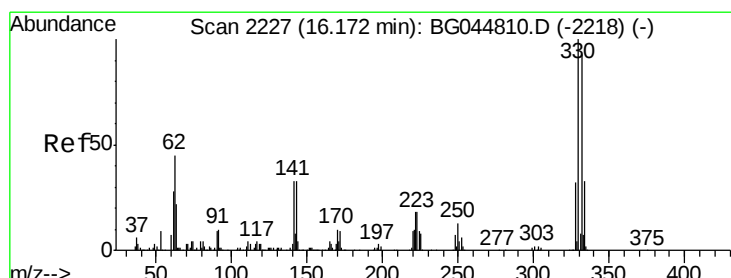
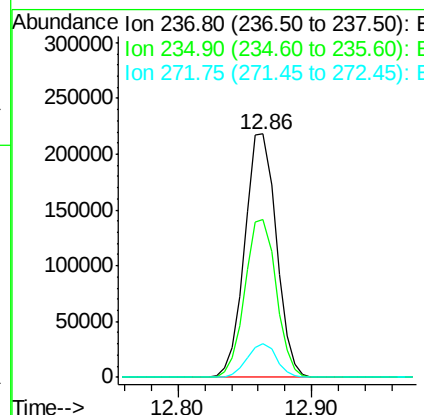
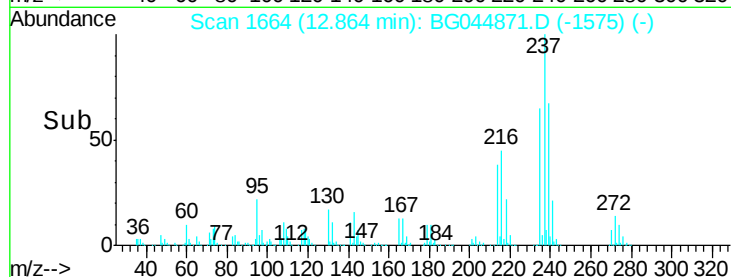
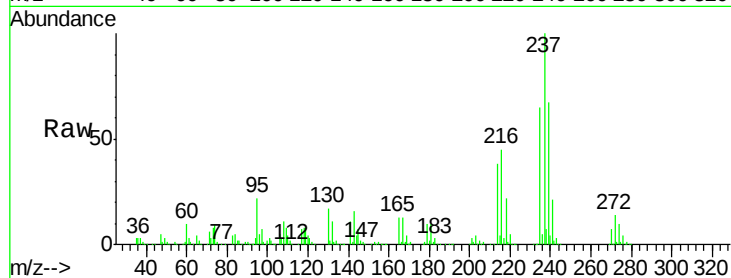




#41
Hexachlorocyclopentadiene
Concen: 95.05 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

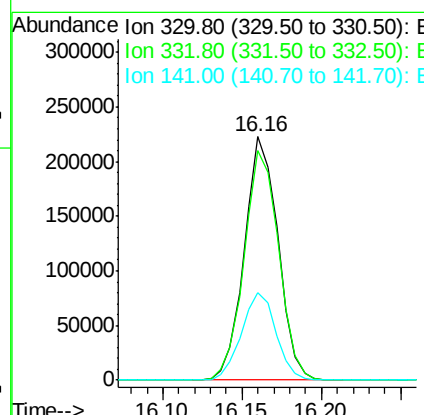
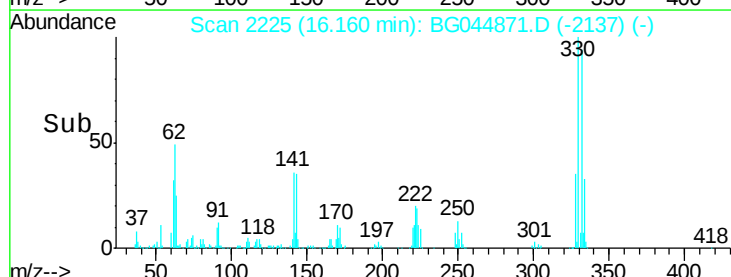
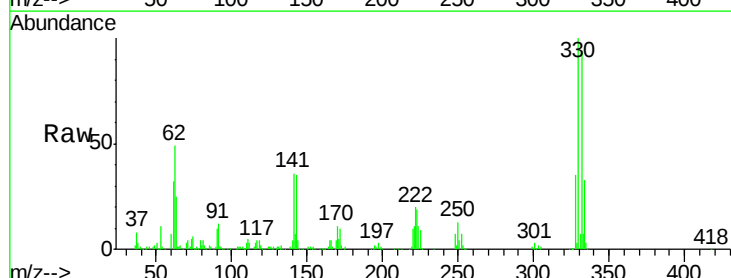
Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tgt Ion: 237 Resp: 356123
Ion Ratio Lower Upper
237 100
235 64.9 42.9 82.9
272 13.8 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 120.59 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion: 330 Resp: 328705
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 36.7 29.5 44.3

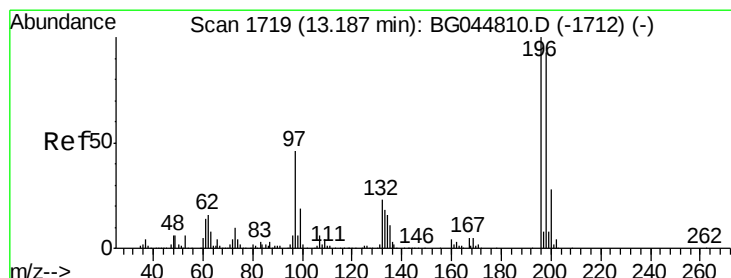
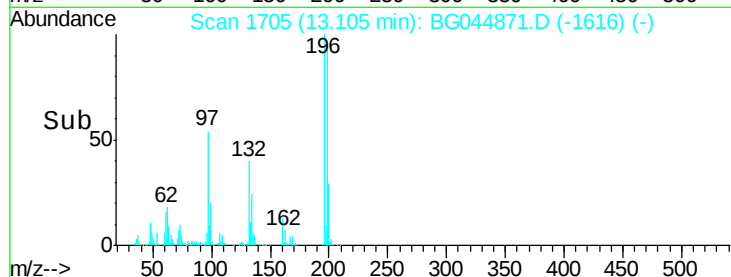
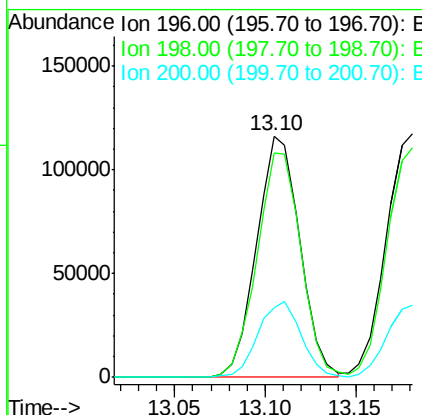
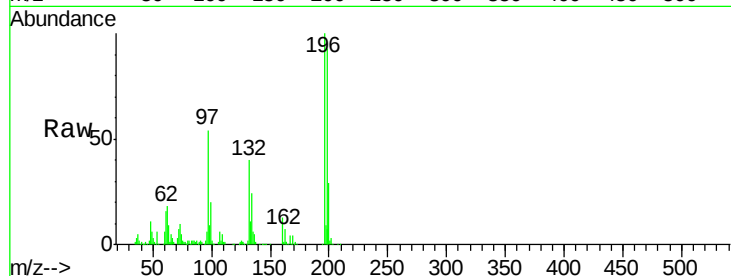




#43
 2,4,6-Trichlorophenol
 Concen: 42.36 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

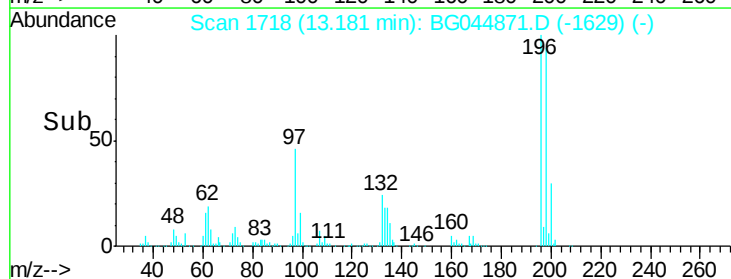
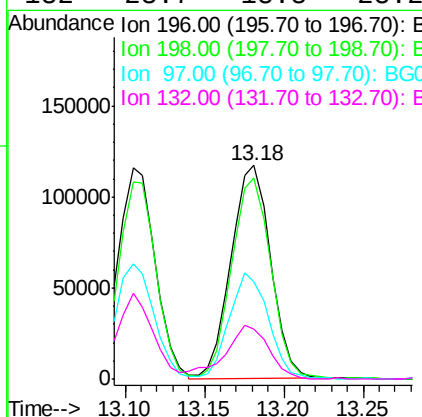
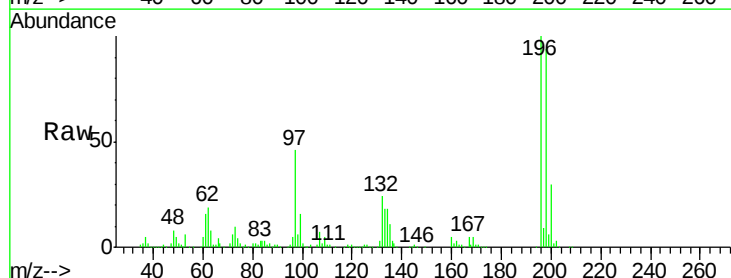
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

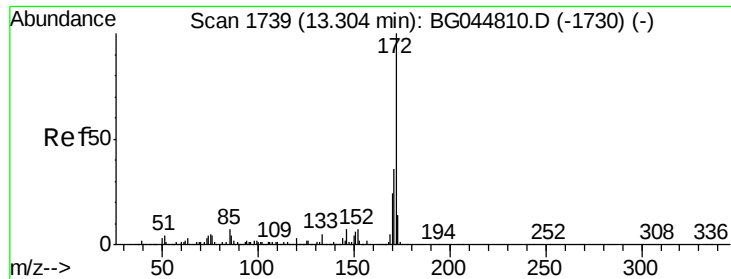
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	74.9	112.3
200	28.9	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.84 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.2	111.4
97	45.8	36.7	55.1
132	23.7	18.8	28.2

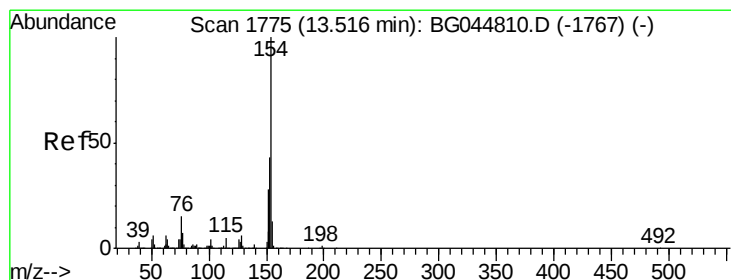
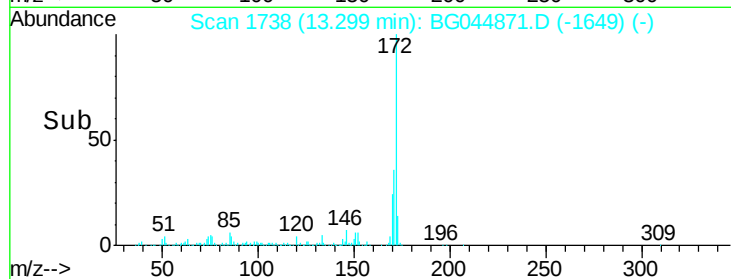
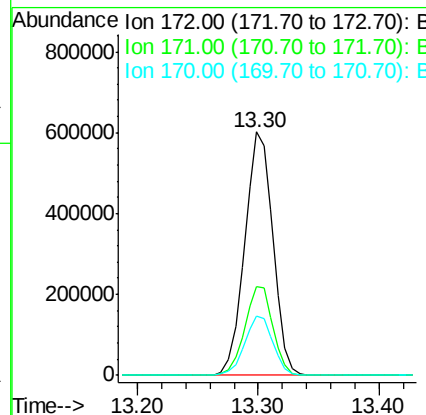
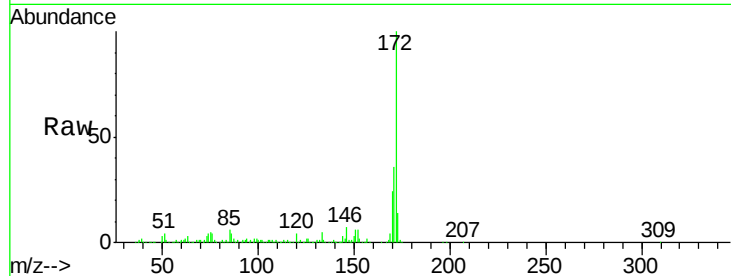




#45
2-Fluorobiphenyl
Concen: 67.18 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

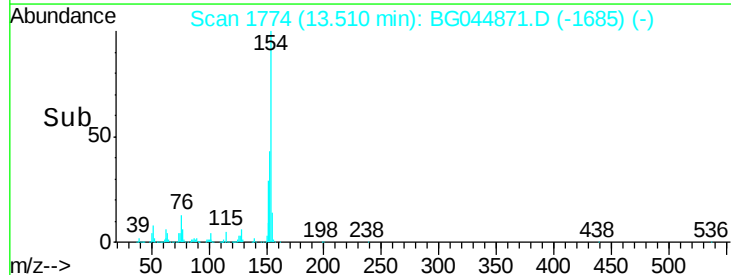
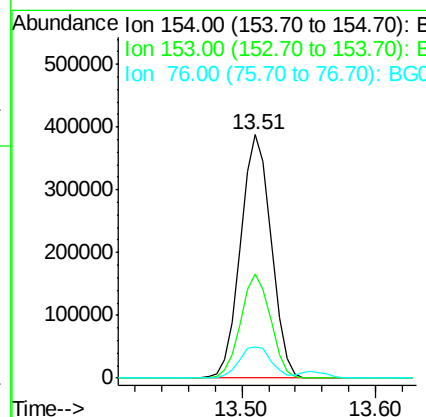
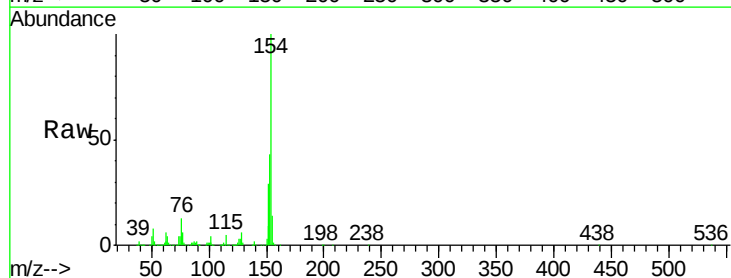
Instrument :
BNA_G
ClientSampleId :
PB127599BS

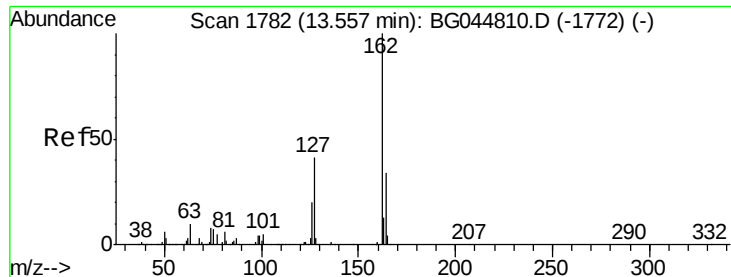
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	24.4	19.0	28.6



#46
1,1'-Biphenyl
Concen: 36.88 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.9	62.9
76	13.0	0.0	34.6





#47

2-Chloronaphthalene

Concen: 36.87 ng

RT: 13.55 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

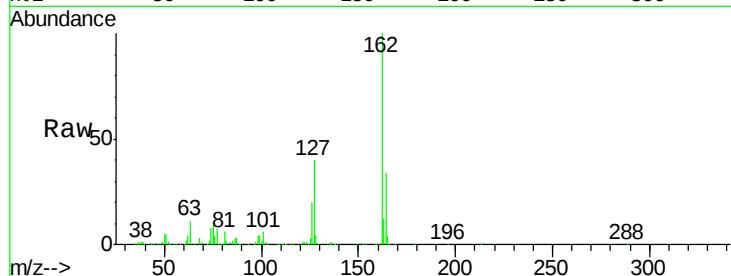
Tgt Ion: 162 Resp: 468531

Ion Ratio Lower Upper

162 100

127 39.6 33.1 49.7

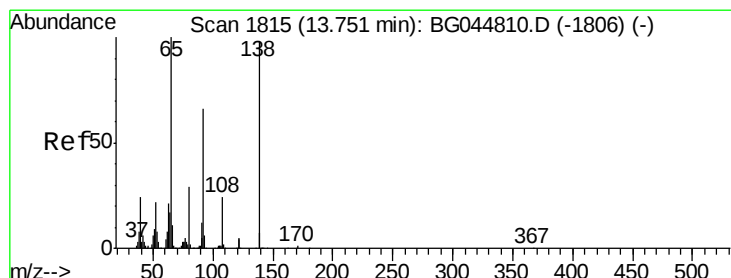
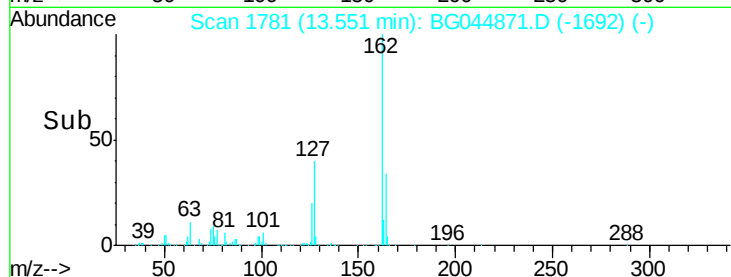
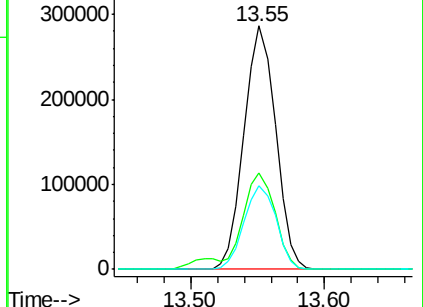
164 34.3 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.61 ng

RT: 13.75 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

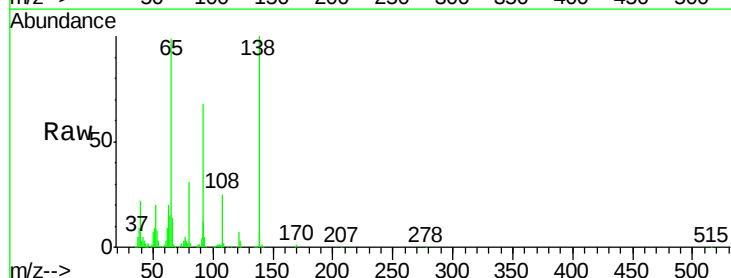
Tgt Ion: 65 Resp: 167337

Ion Ratio Lower Upper

65 100

92 68.7 52.6 79.0

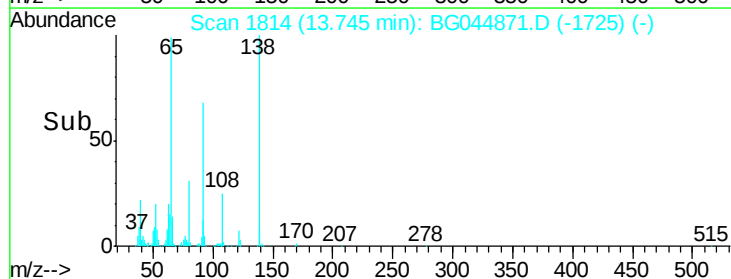
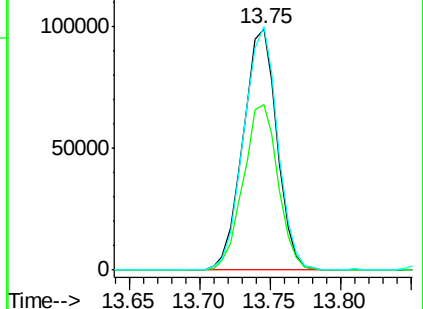
138 100.9 78.3 117.5

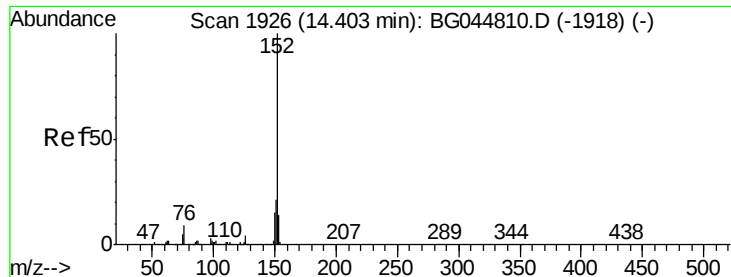


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.23 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

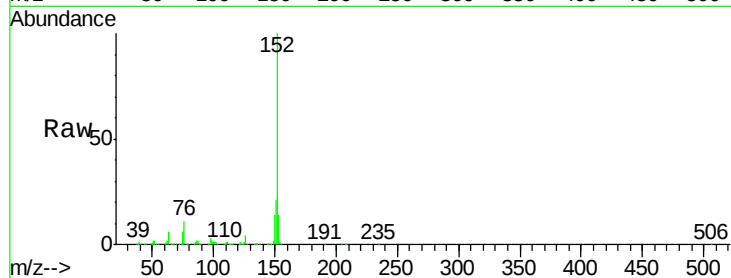
Tgt Ion:152 Resp: 781062

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

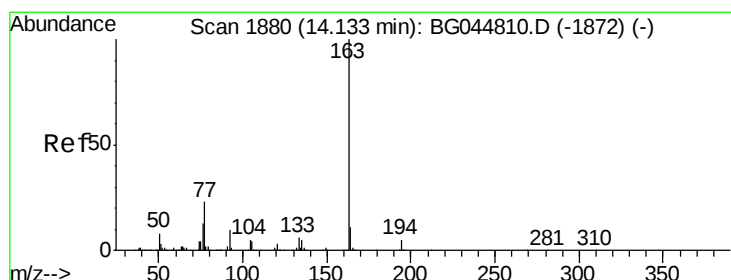
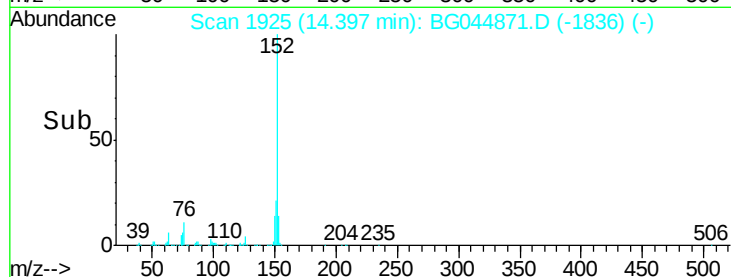
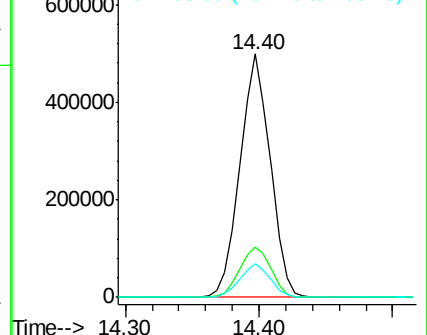
153 13.7 10.8 16.2



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: 37.64 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

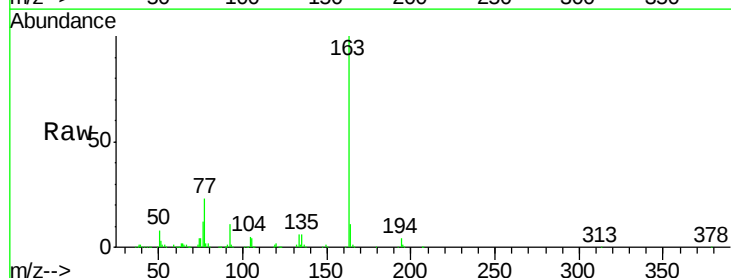
Tgt Ion:163 Resp: 624046

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

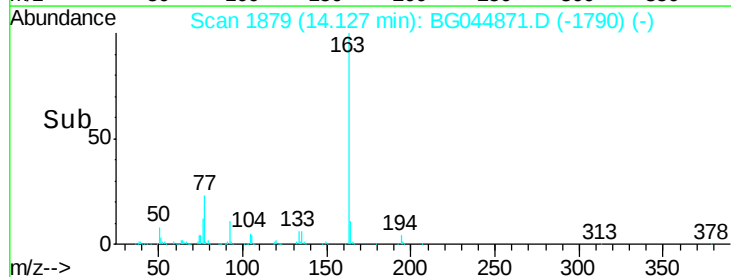
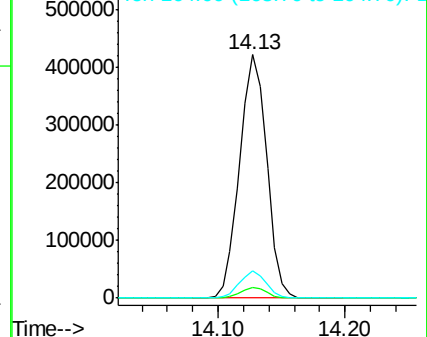
164 11.0 9.1 13.7

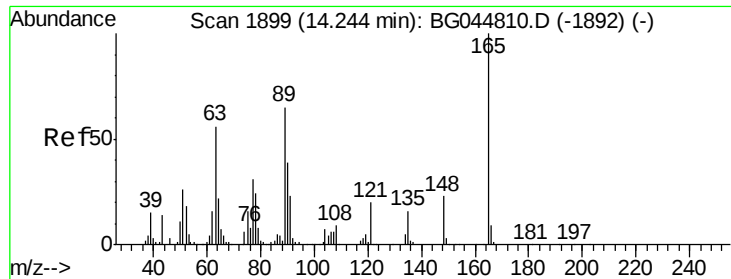


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

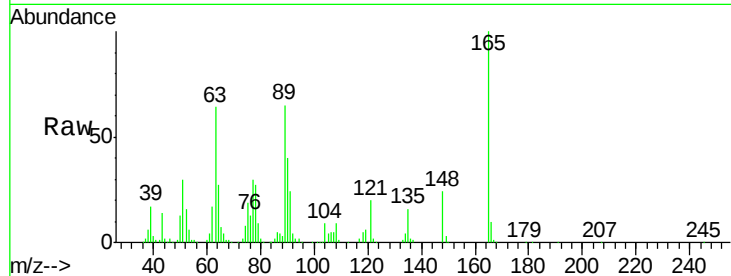




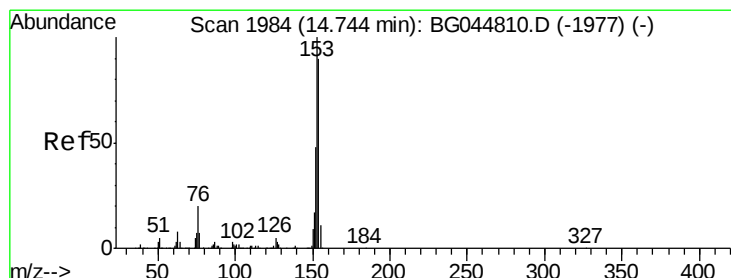
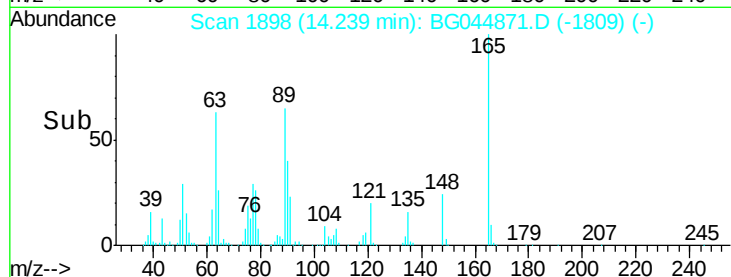
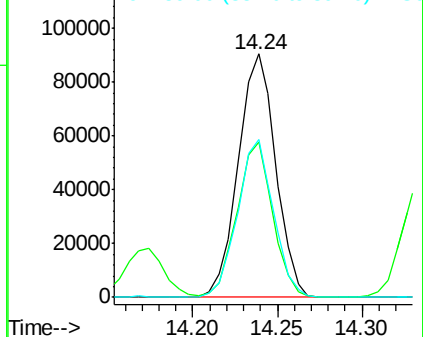
#51
 2,6-Dinitrotoluene
 Concen: 41.72 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.9	45.8	68.8
89	64.6	51.8	77.6

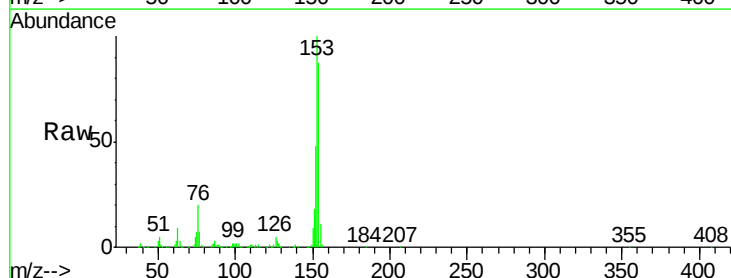


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

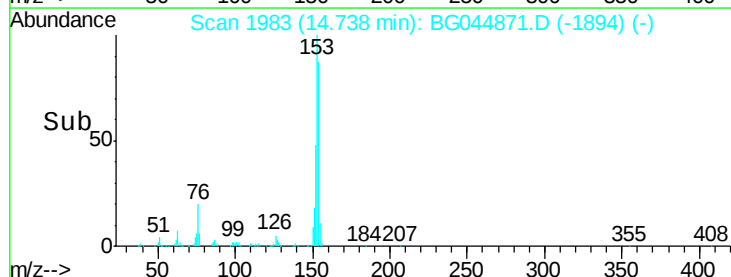
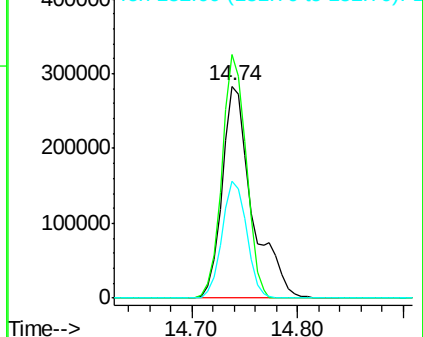


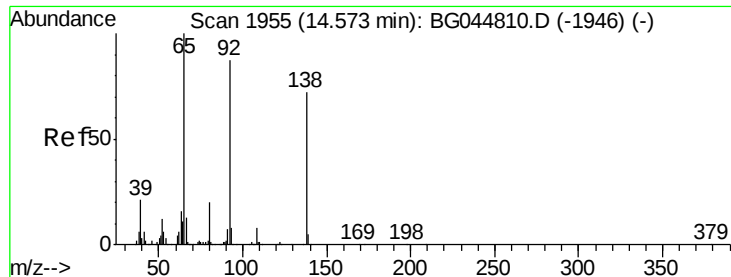
#52
 Acenaphthene
 Concen: 43.01 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.0	133.6
152	55.3	43.0	64.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

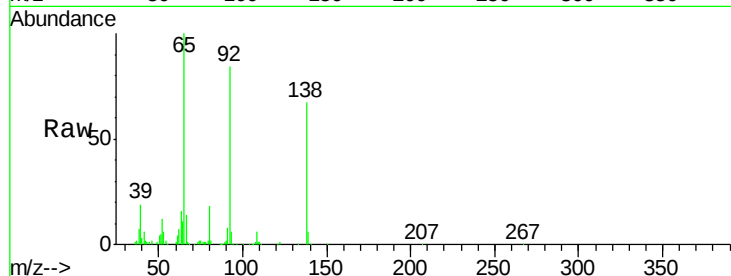




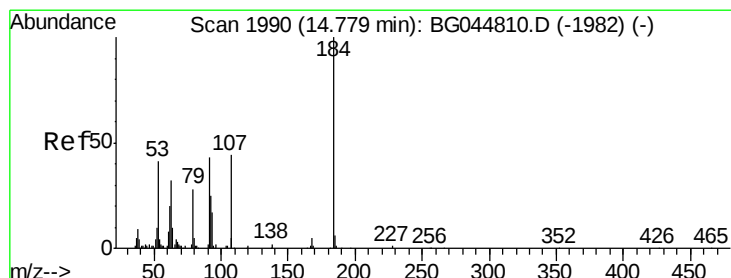
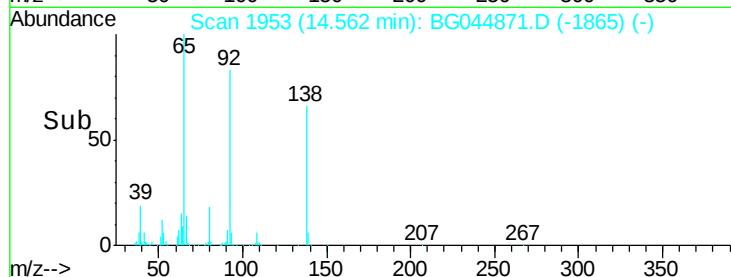
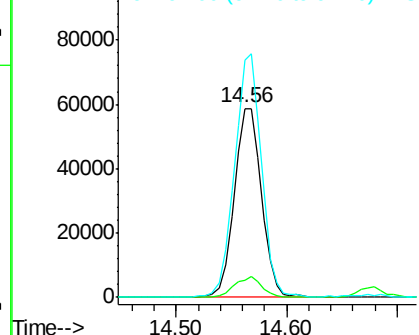
#53
3-Nitroaniline
Concen: 26.51 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tgt Ion:138 Resp: 101858
Ion Ratio Lower Upper
138 100
108 8.8 9.0 13.4#
92 125.4 96.8 145.2

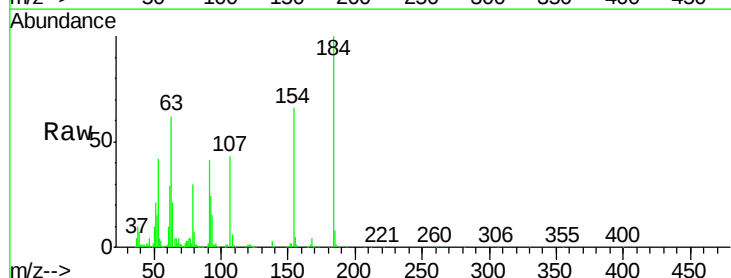


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

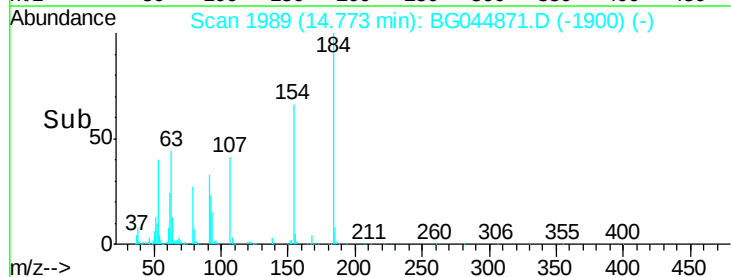
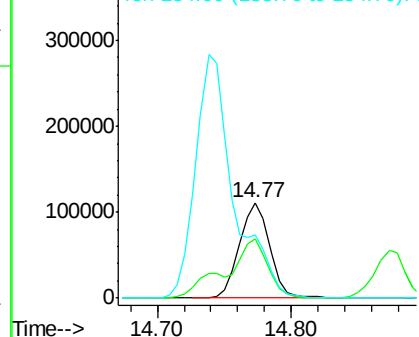


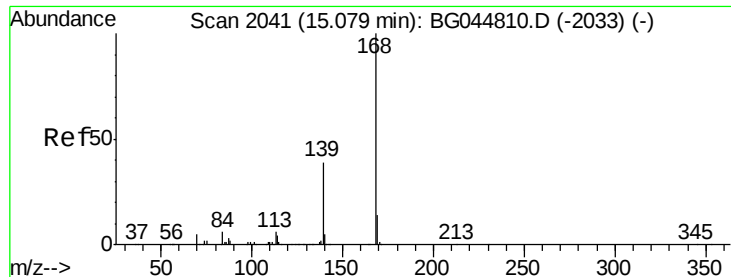
#54
2,4-Dinitrophenol
Concen: 98.27 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:184 Resp: 175322
Ion Ratio Lower Upper
184 100
63 61.8 45.5 68.3
154 65.9 49.1 73.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

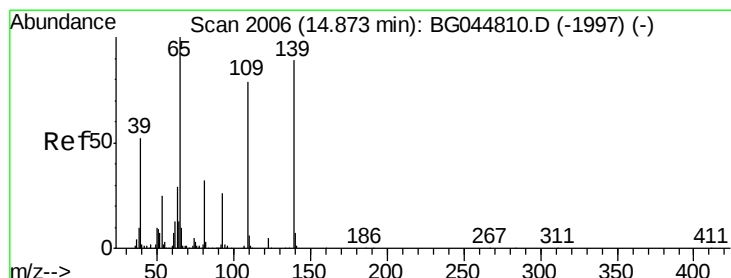
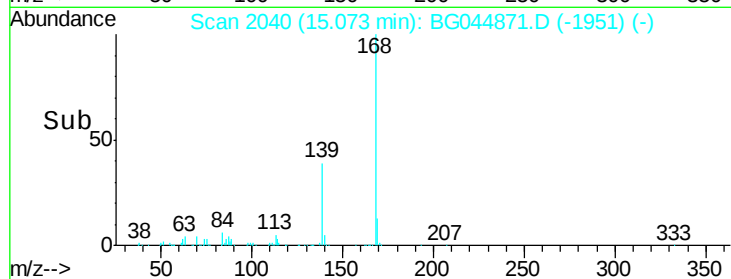
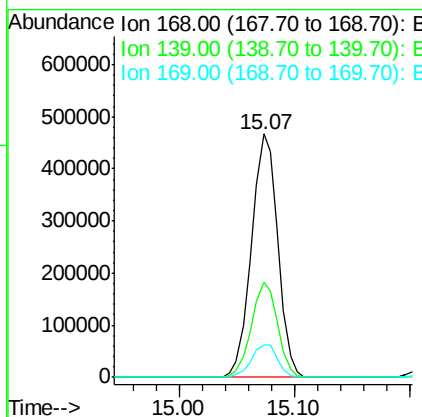
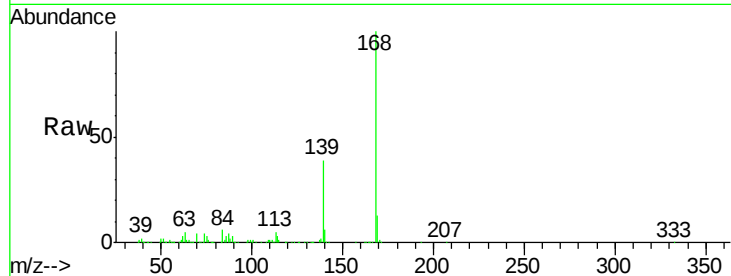




#55
Dibenzenofuran
Concen: 39.18 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

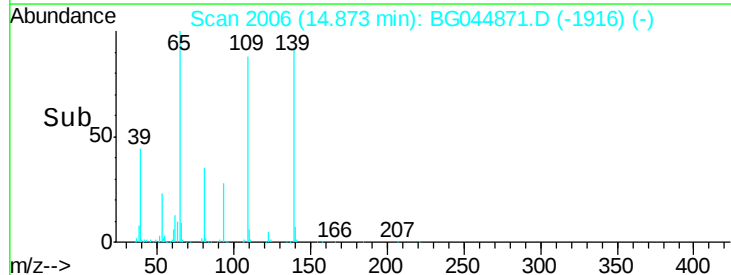
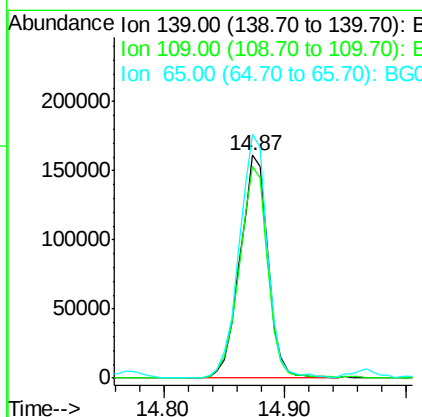
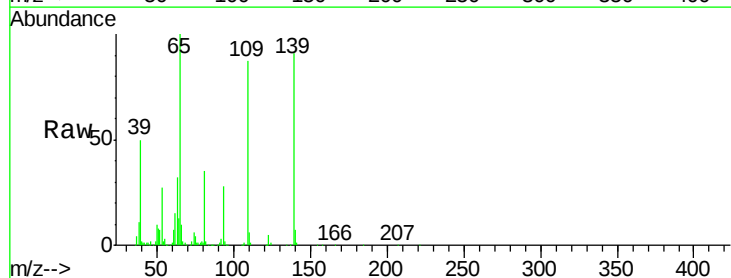
Instrument :
BNA_G
ClientSampleId :
PB127599BS

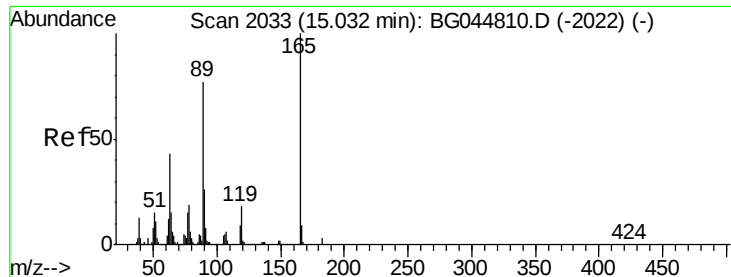
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.4	47.0
169	13.2	11.1	16.7



#56
4-Nitrophenol
Concen: 88.92 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.9	68.8	108.8
65	109.4	92.5	132.5

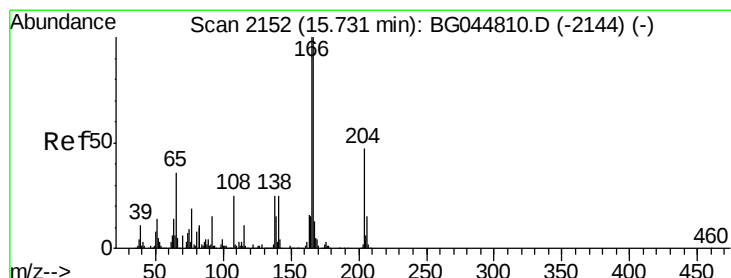
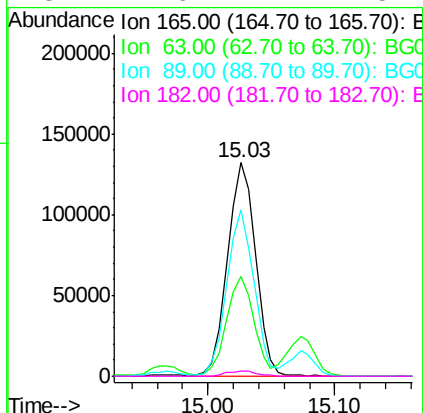
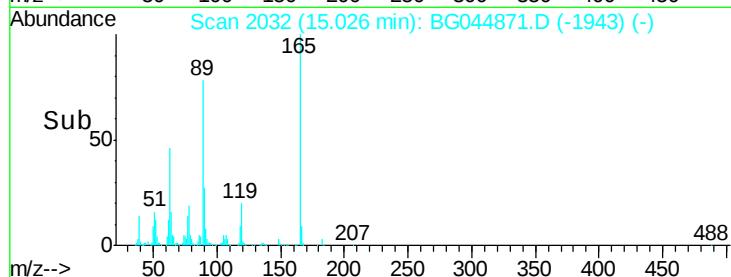
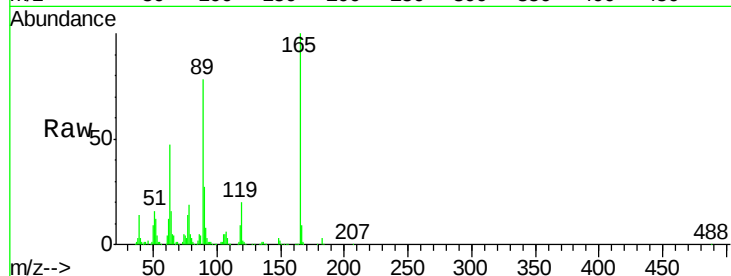




#57
2,4-Dinitrotoluene
Concen: 44.17 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

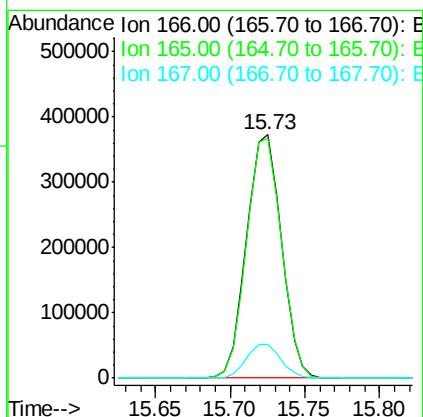
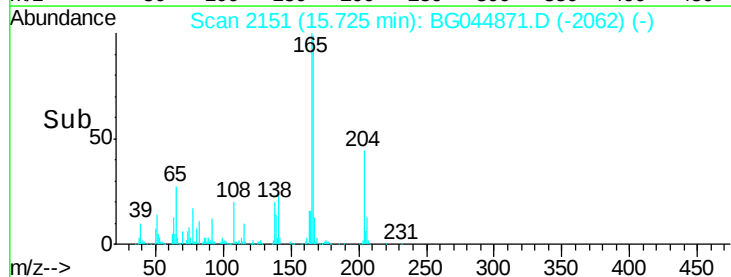
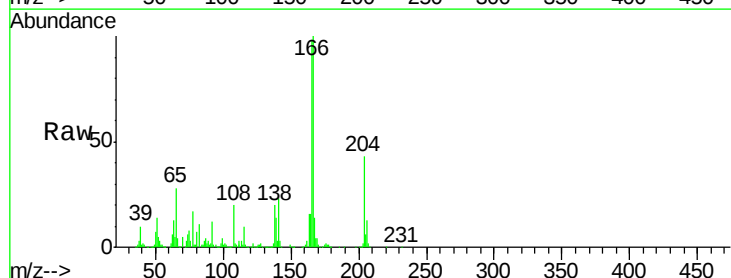
Instrument :
BNA_G
ClientSampleId :
PB127599BS

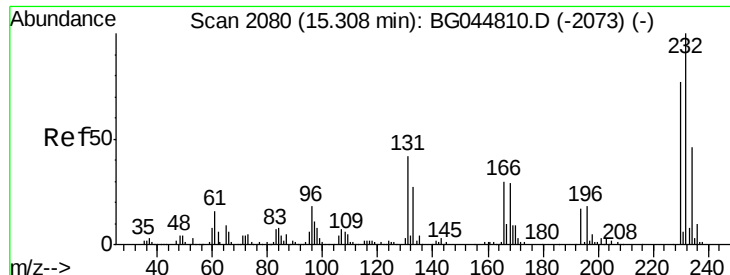
Tgt Ion:165 Resp: 202436
Ion Ratio Lower Upper
165 100
63 46.5 34.6 52.0
89 77.7 61.3 91.9
182 2.6 2.2 3.2



#58
Fluorene
Concen: 38.67 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:166 Resp: 601437
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 14.0 10.6 16.0

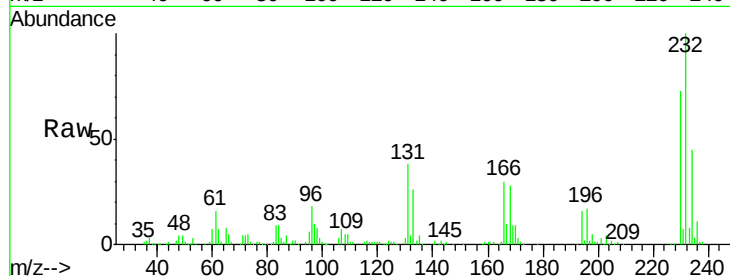




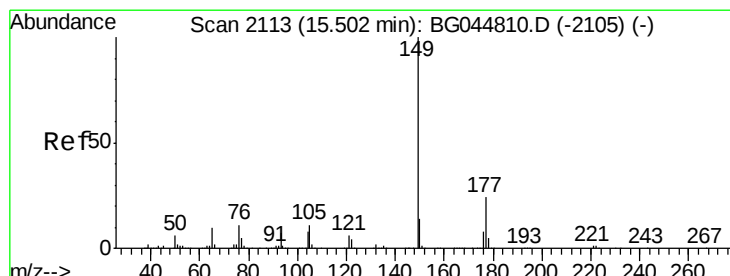
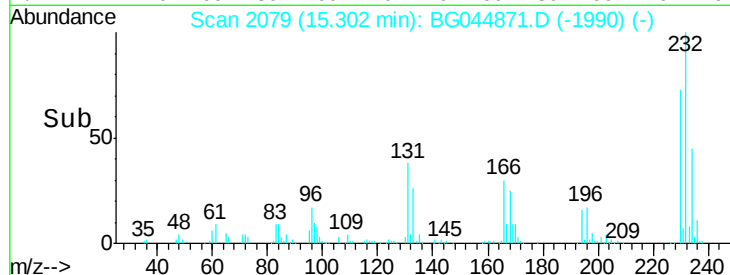
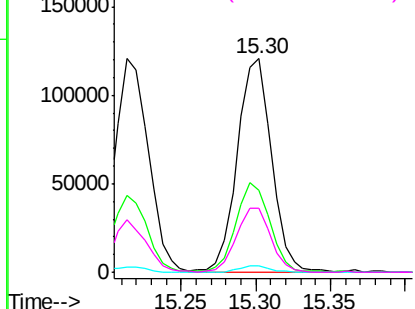
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.11 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

Tgt Ion:	232	Resp:	191617
Ion	Ratio	Lower	Upper
232	100		
131	42.2	31.8	47.8
130	2.7	2.2	3.2
166	30.2	20.2	30.2

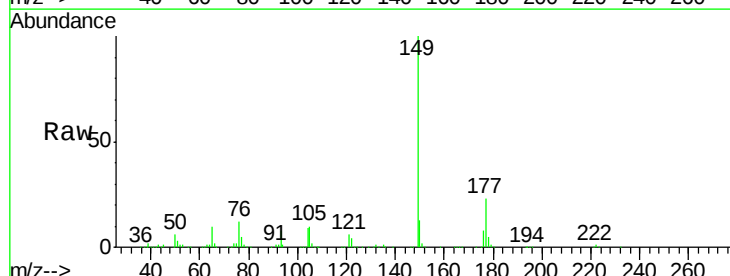


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

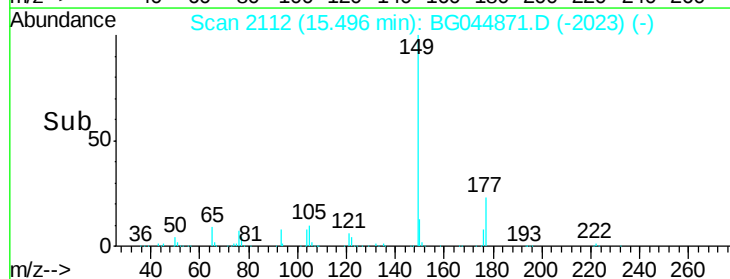
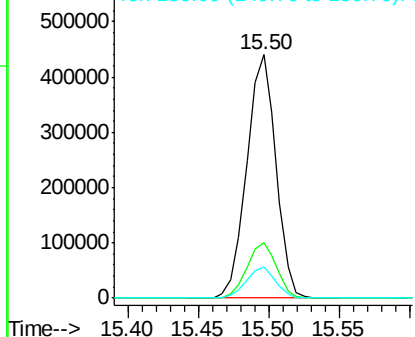


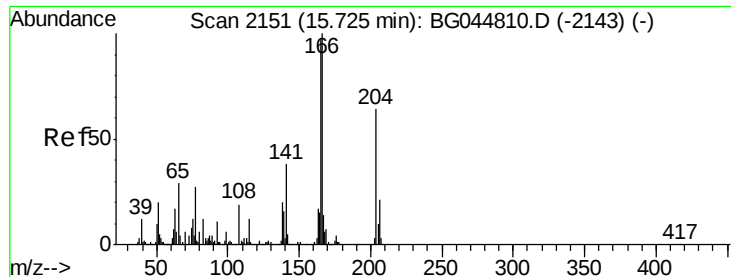
#60
 Diethylphthalate
 Concen: 36.86 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion:	149	Resp:	637333
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.3	28.9
150	12.8	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

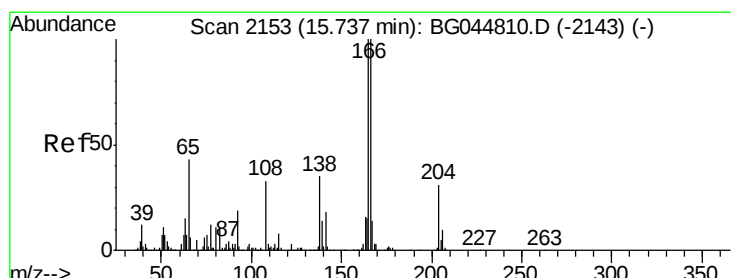
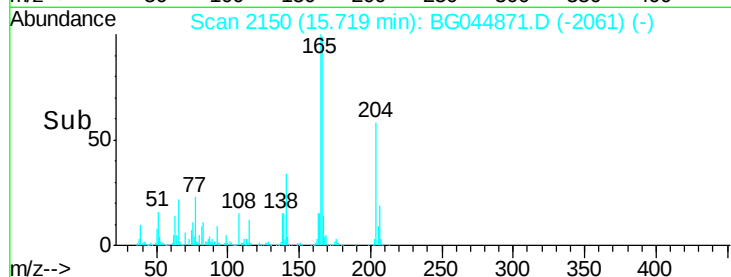
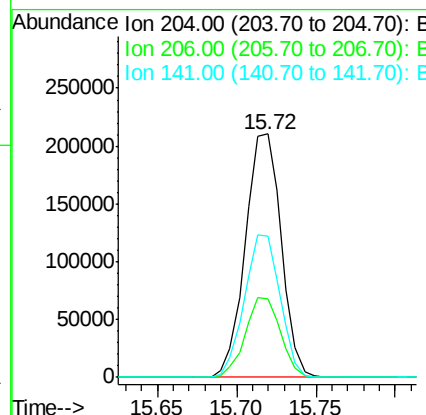
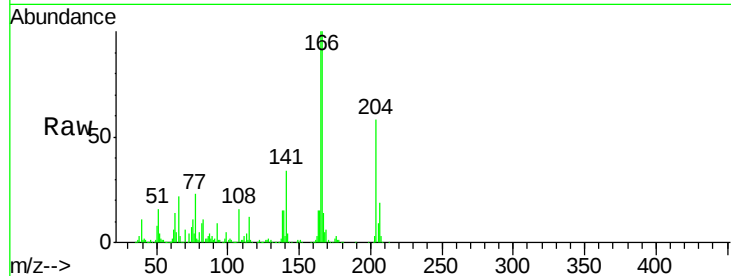




#61
 4-Chlorophenyl-phenylether
 Concen: 39.42 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

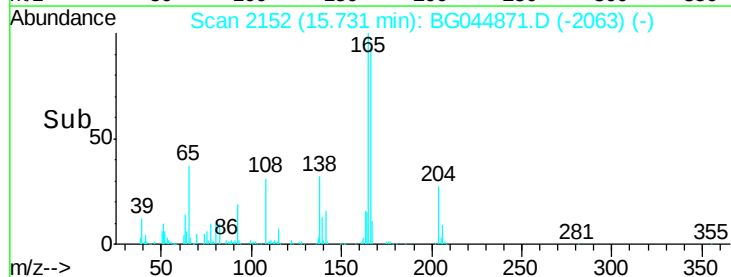
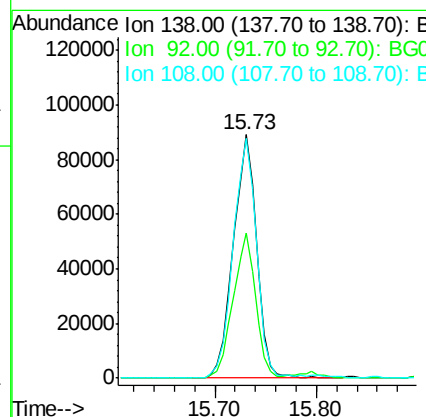
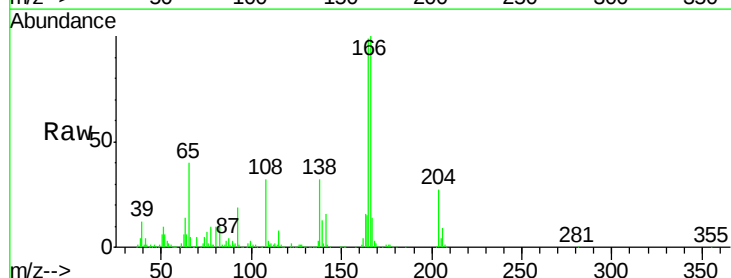
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

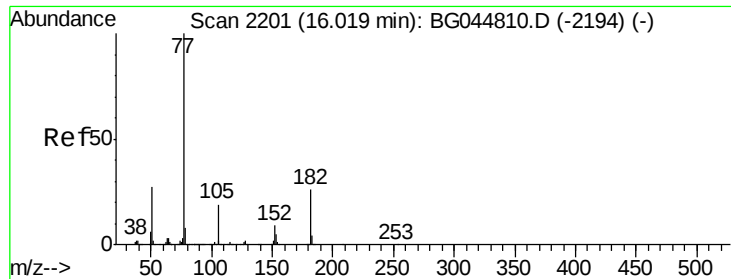
Tgt Ion:204 Resp: 330186
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.2 39.2
 141 58.2 47.7 71.5



#62
 4-Nitroaniline
 Concen: 34.84 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion:138 Resp: 142743
 Ion Ratio Lower Upper
 138 100
 92 59.8 34.5 74.5
 108 98.3 74.5 114.5

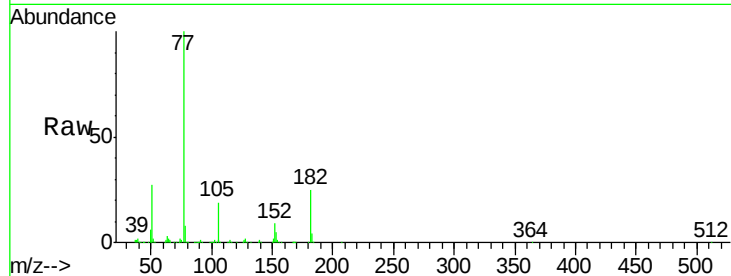




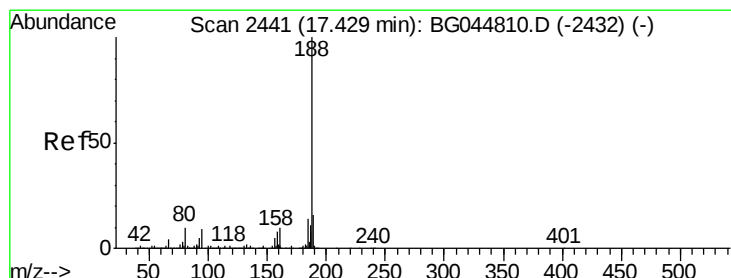
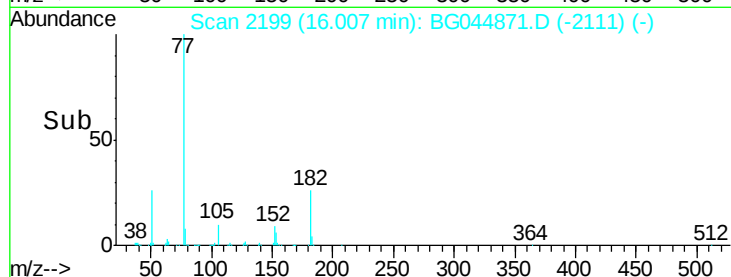
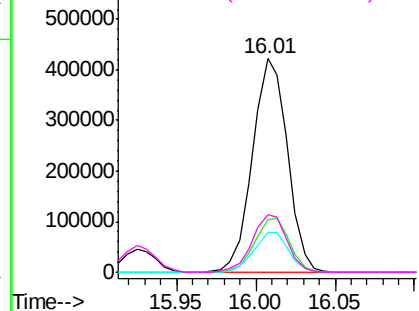
#63
Azobenzene
Concen: 35.87 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Instrument :
BNA_G
ClientSampleId :
PB127599BS

Tgt Ion:	77	Resp:	644184
Ion	Ratio	Lower	Upper
77	100		
182	24.7	6.4	46.4
105	18.8	0.0	39.1
51	26.8	7.3	47.3

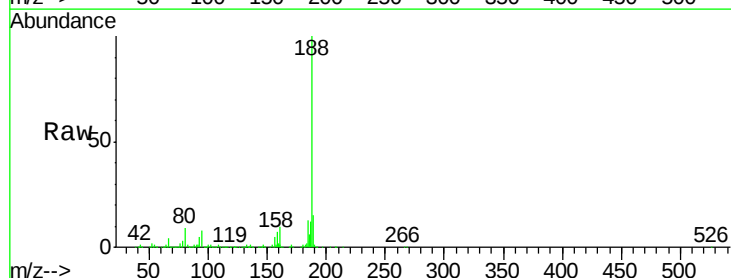


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

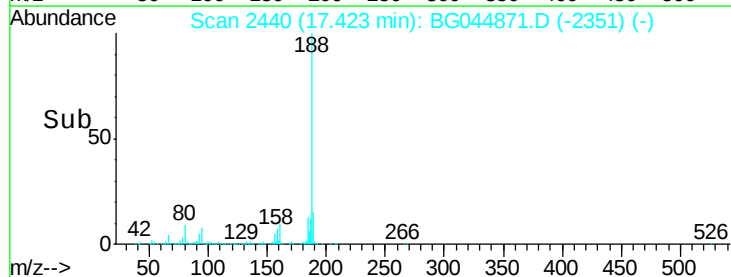
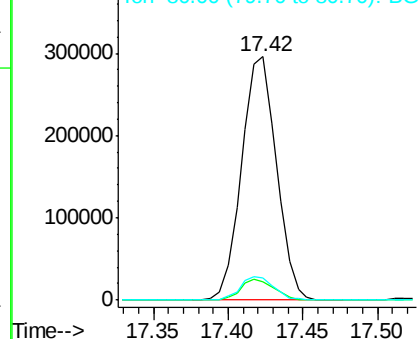


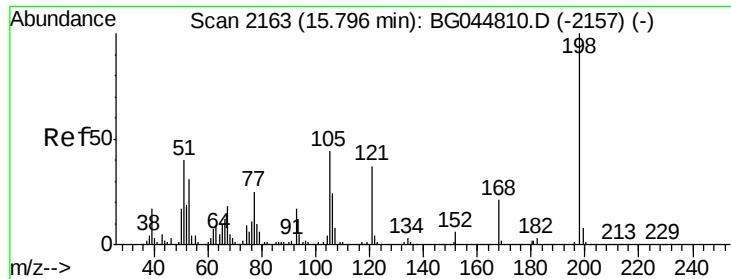
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:	188	Resp:	479195
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.3	10.9
80	9.0	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

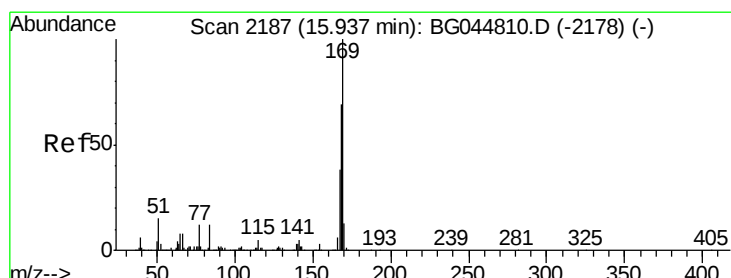
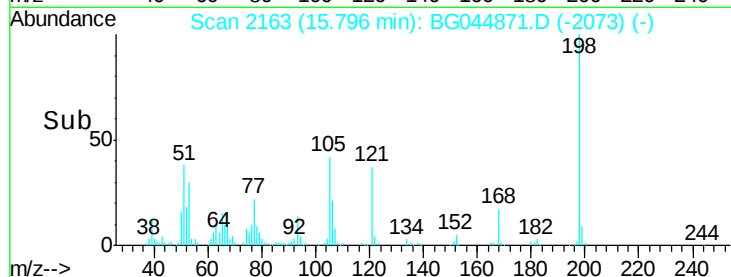
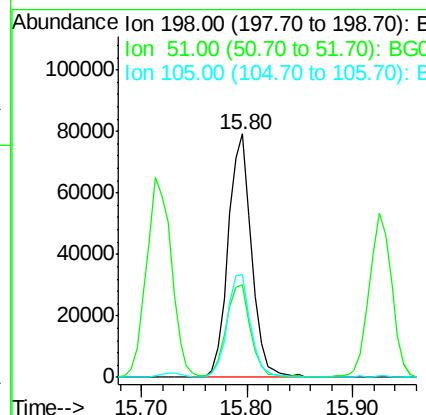
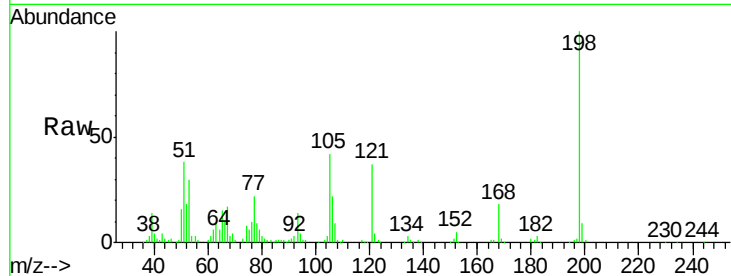




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.68 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

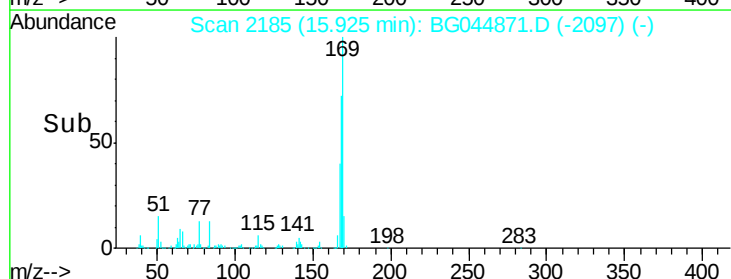
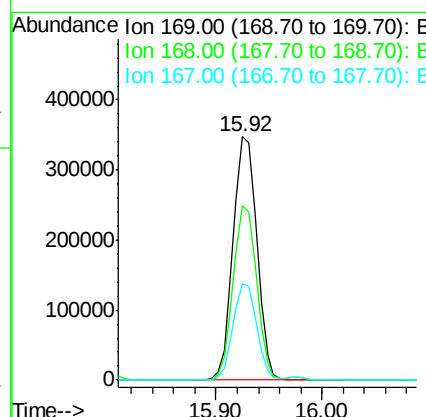
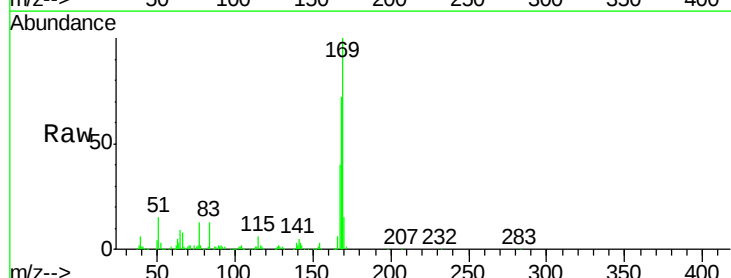
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

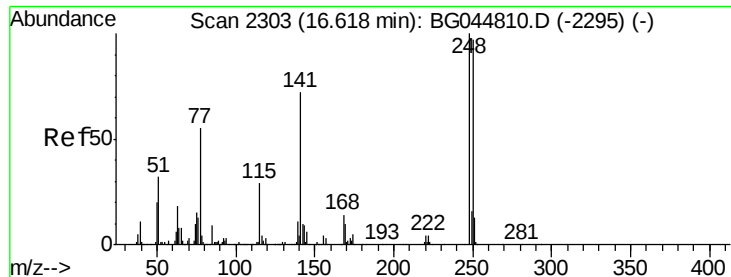
Tgt Ion:198 Resp: 120814
 Ion Ratio Lower Upper
 198 100
 51 37.8 21.1 61.1
 105 42.0 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 37.47 ng
 RT: 15.92 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion:169 Resp: 540594
 Ion Ratio Lower Upper
 169 100
 168 71.7 55.4 83.2
 167 39.6 30.1 45.1

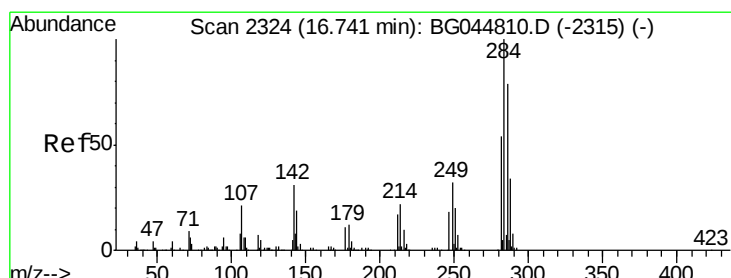
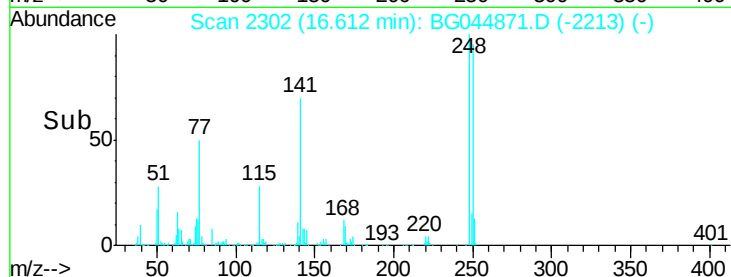
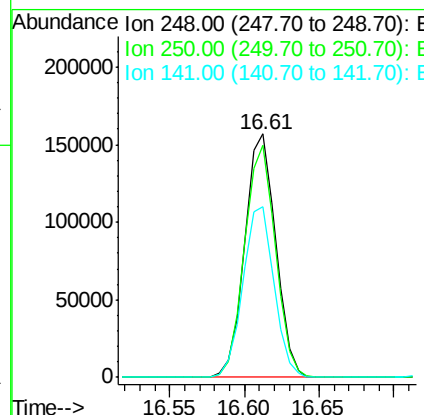
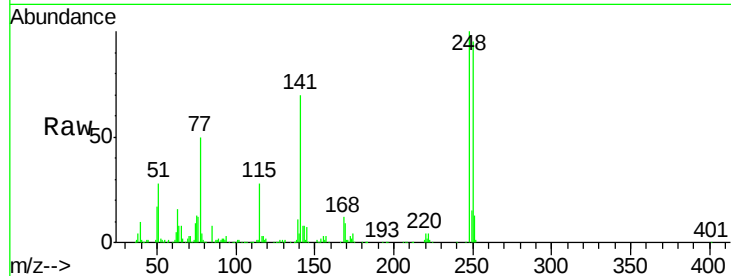




#67
 4-Bromophenyl-phenylether
 Concen: 37.49 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

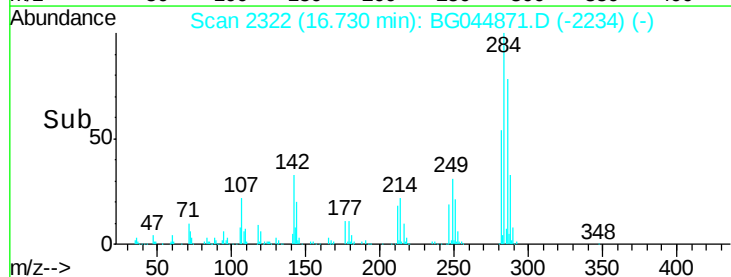
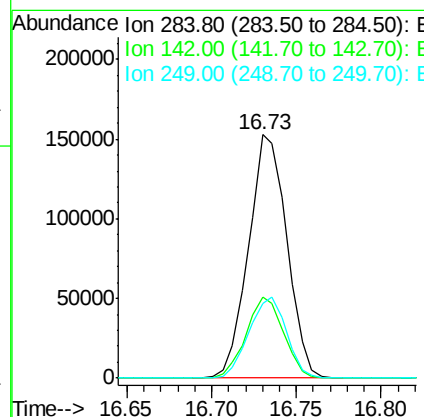
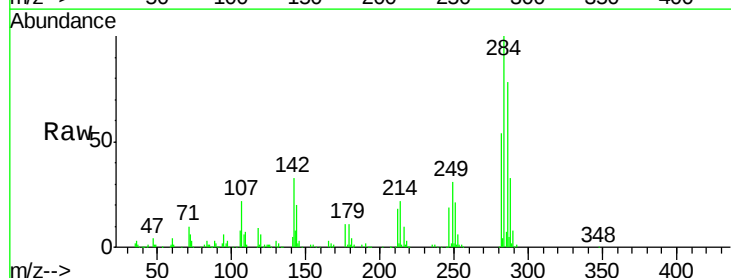
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

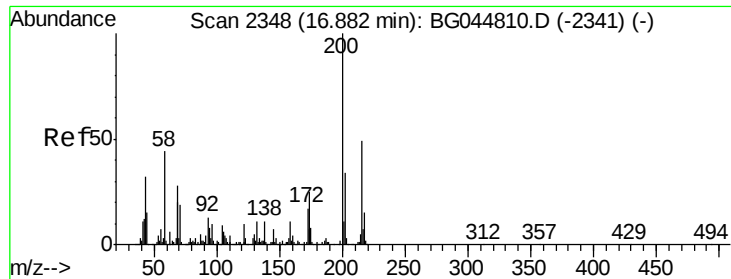
Tgt Ion:248 Resp: 224614
 Ion Ratio Lower Upper
 248 100
 250 95.4 77.9 116.9
 141 70.2 57.5 86.3



#68
 Hexachlorobenzene
 Concen: 37.07 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

Tgt Ion:284 Resp: 240900
 Ion Ratio Lower Upper
 284 100
 142 33.1 25.0 37.6
 249 30.7 25.8 38.8





#69

Atrazine

Concen: 43.42 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

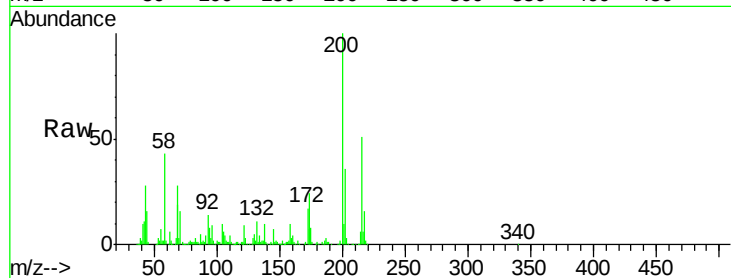
Tgt Ion:200 Resp: 229515

Ion Ratio Lower Upper

200 100

173 24.3 5.3 45.3

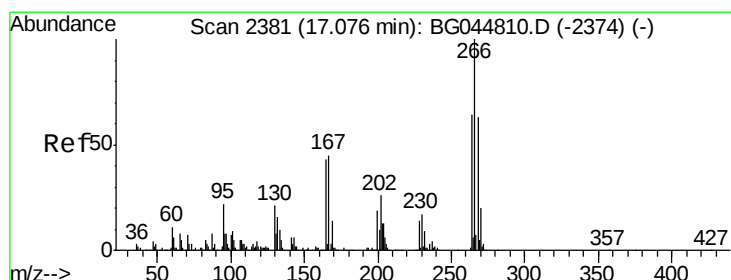
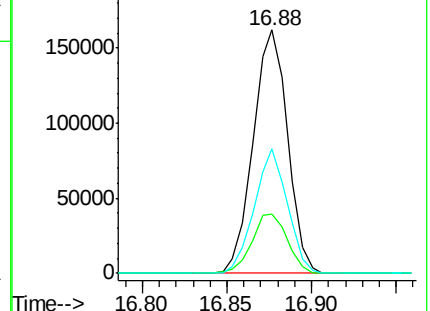
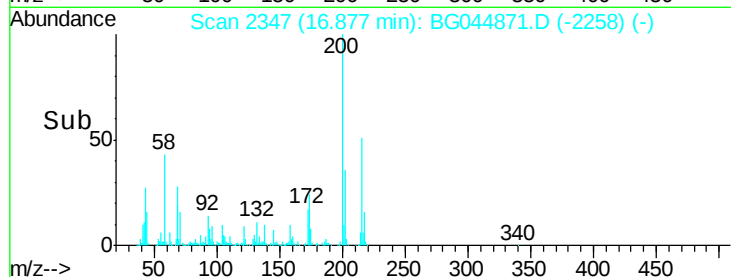
215 51.2 28.9 68.9



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: 85.33 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

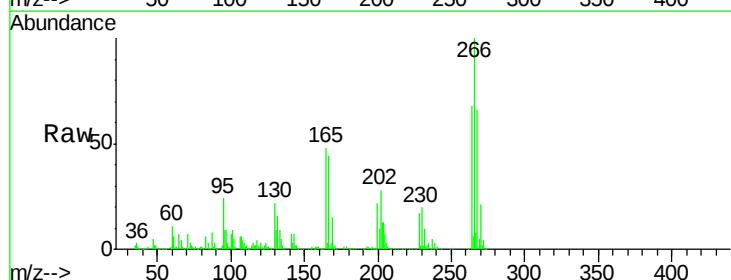
Tgt Ion:266 Resp: 305124

Ion Ratio Lower Upper

266 100

268 65.8 50.3 75.5

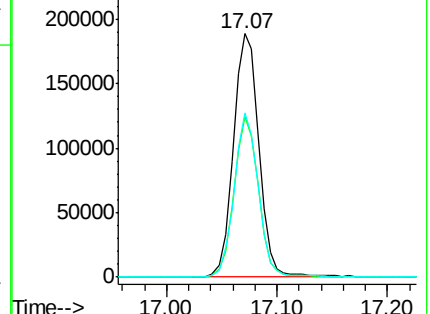
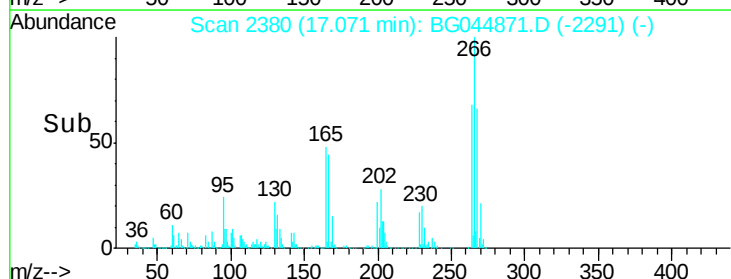
264 67.5 51.4 77.2

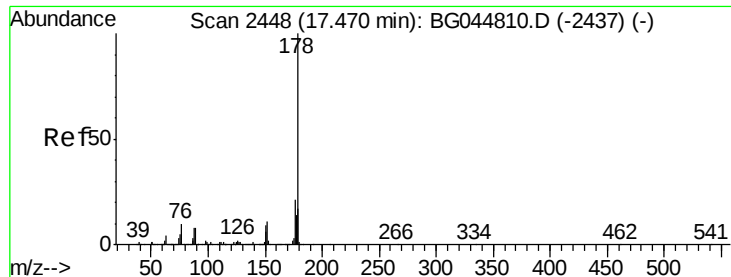


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.48 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

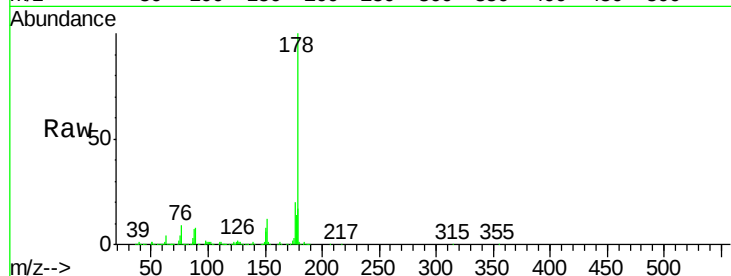
Tgt Ion:178 Resp: 959694

Ion Ratio Lower Upper

178 100

176 20.5 16.6 24.8

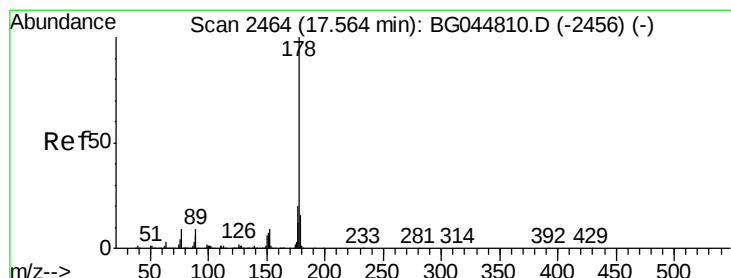
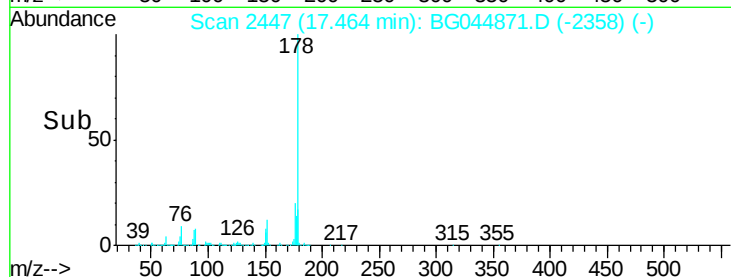
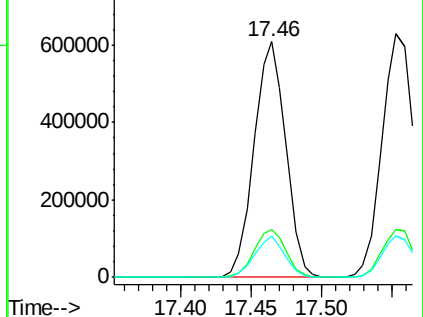
179 17.4 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.07 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

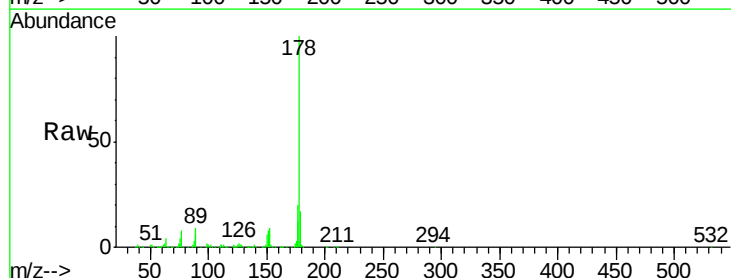
Tgt Ion:178 Resp: 986597

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

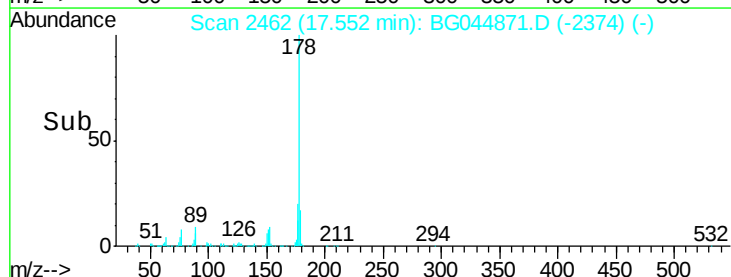
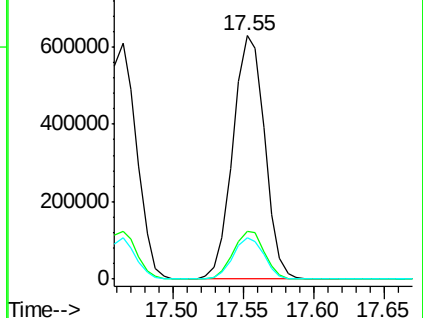
179 17.0 13.2 19.8

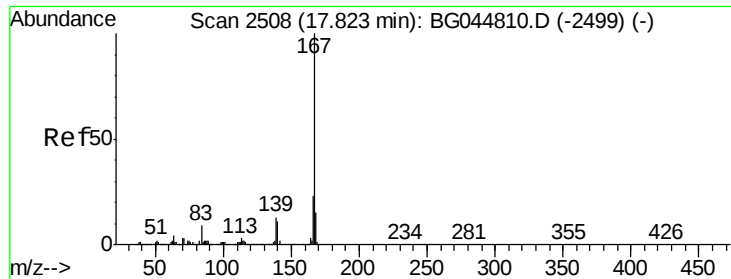


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

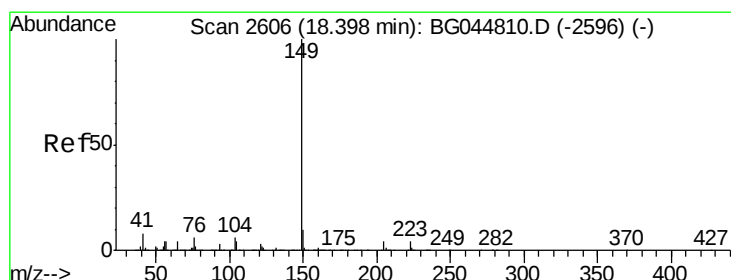
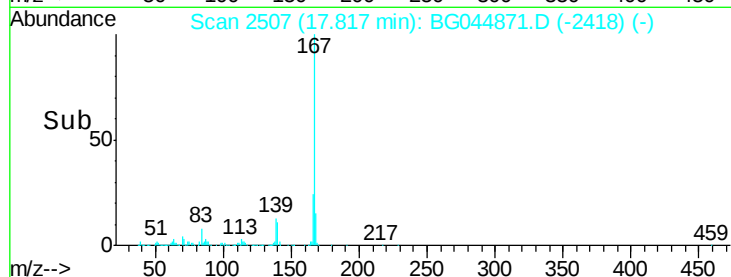
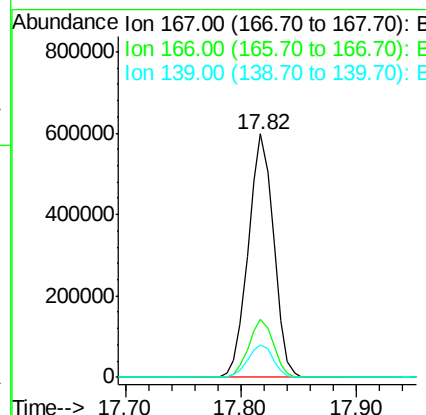
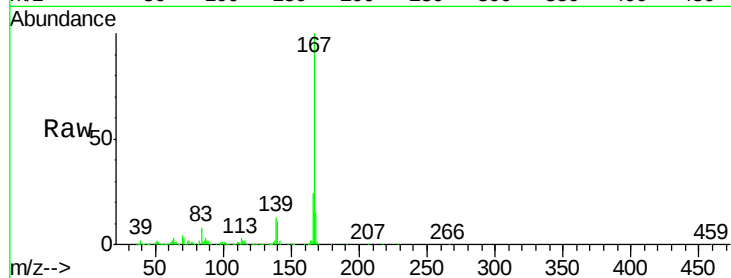




#73
 Carbazole
 Concen: 37.63 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

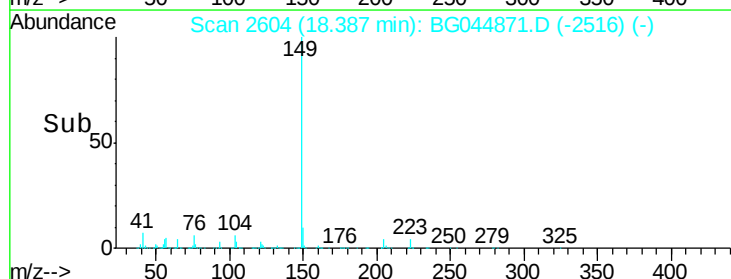
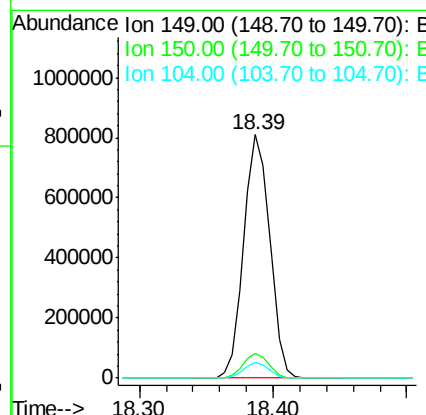
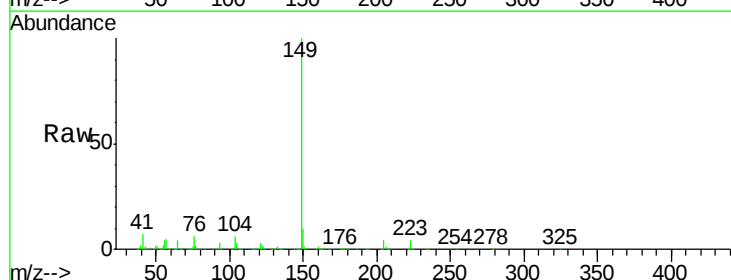
Instrument :
 BNA_G
 ClientSampleId :
 PB127599BS

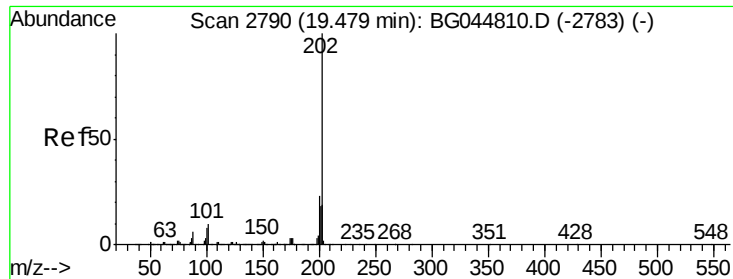
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.8	28.2
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 37.01 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044871.D
 Acq: 18 Mar 2020 19:51

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





#75

Fluoranthene

Concen: 39.50 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

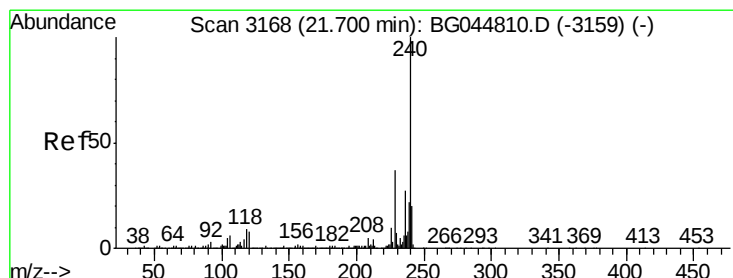
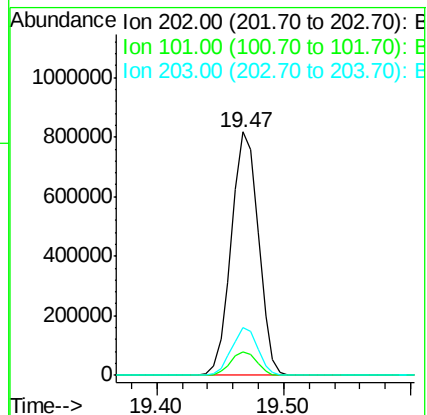
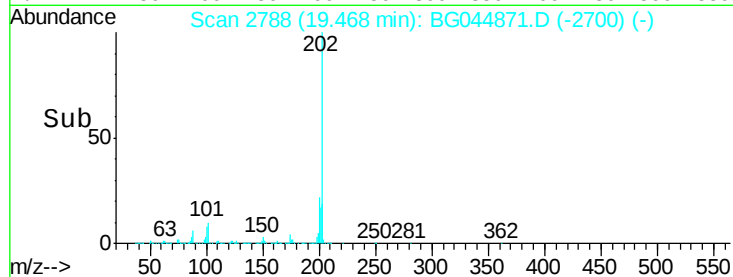
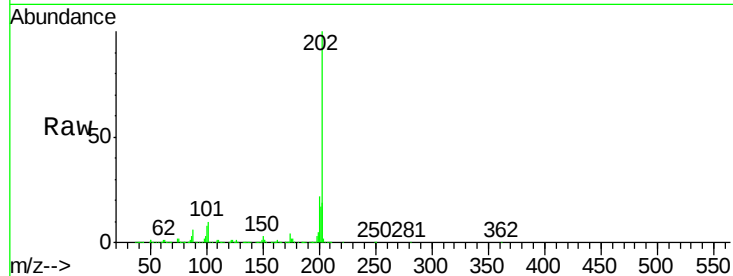
Tgt Ion:202 Resp: 1204383

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.8

203 19.4 0.0 39.4



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

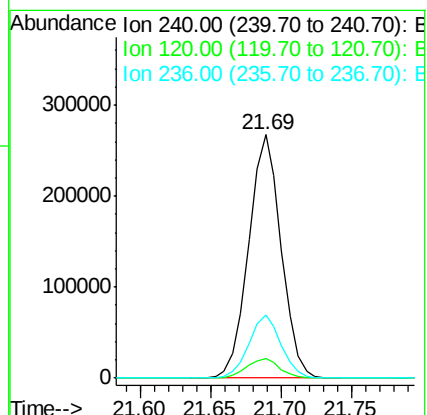
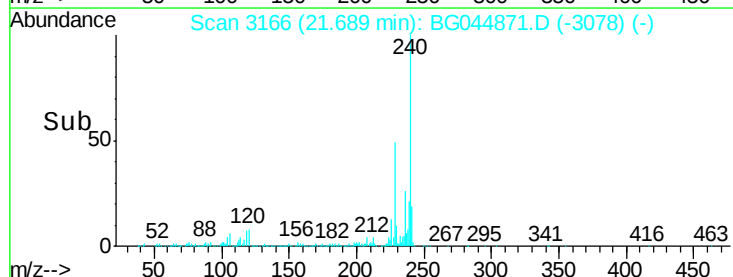
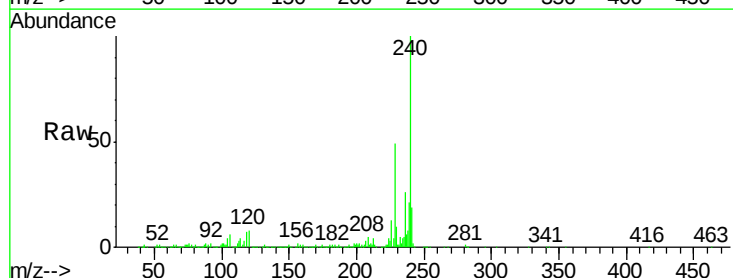
Tgt Ion:240 Resp: 430823

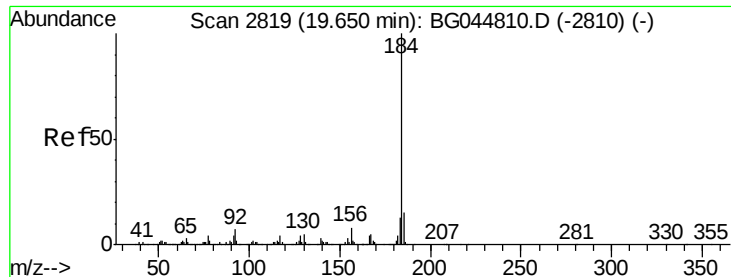
Ion Ratio Lower Upper

240 100

120 7.8 6.7 10.1

236 25.7 21.5 32.3





#77

Benzidine

Concen: 35.07 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

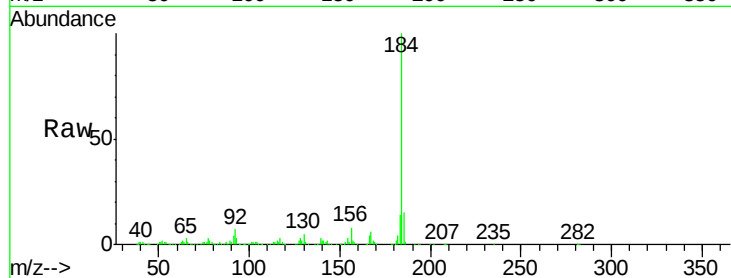
Tgt Ion:184 Resp: 490544

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.4

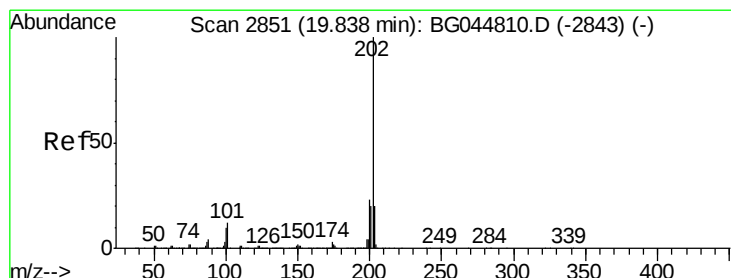
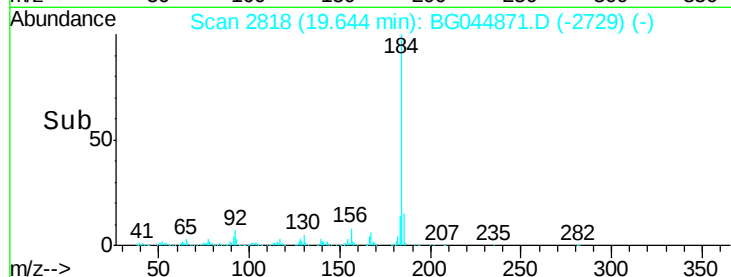
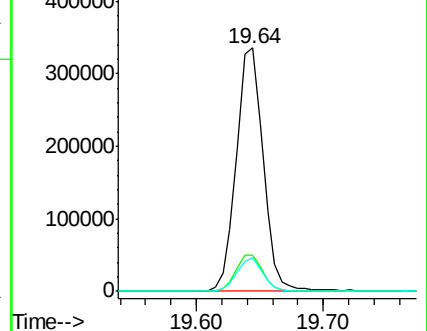
183 14.0 10.7 16.1



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: 37.98 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

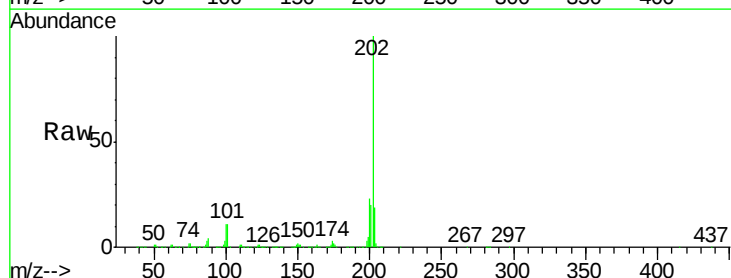
Tgt Ion:202 Resp: 1200621

Ion Ratio Lower Upper

202 100

200 22.6 18.3 27.5

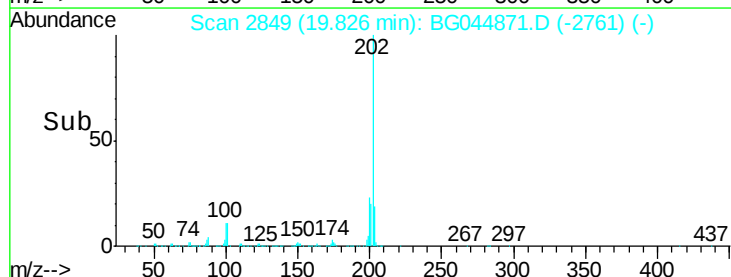
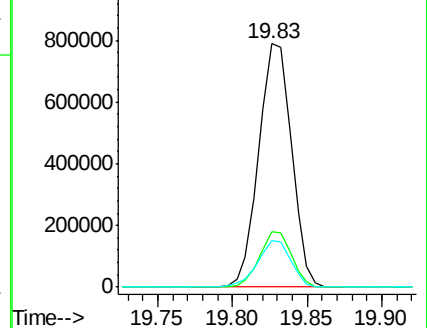
203 19.0 15.6 23.4

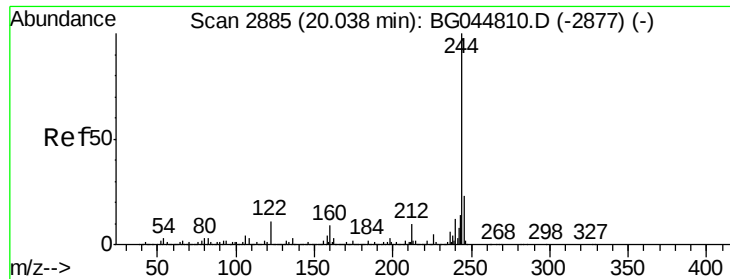


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.78 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

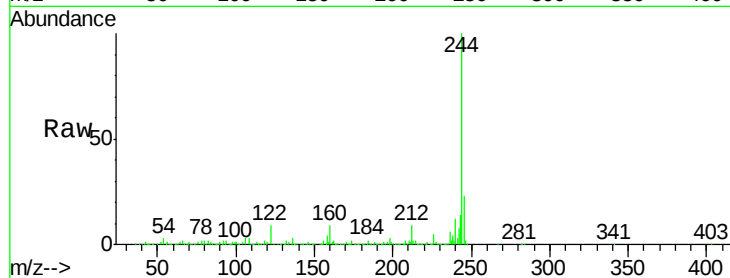
Tgt Ion:244 Resp: 1538065

Ion Ratio Lower Upper

244 100

212 8.7 7.7 11.5

122 9.2 8.6 12.8

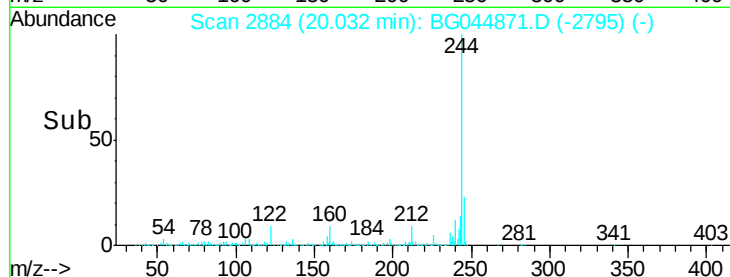


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



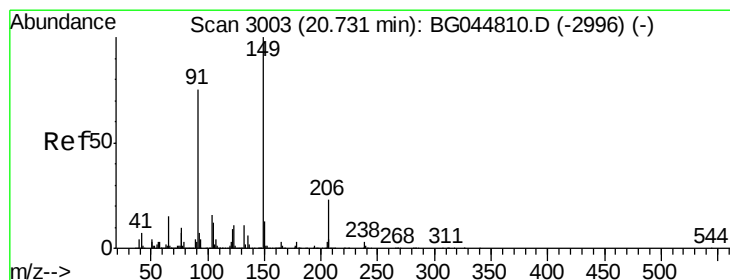
Abundance

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

Time-->



#80

Butylbenzylphthalate

Concen: 36.49 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

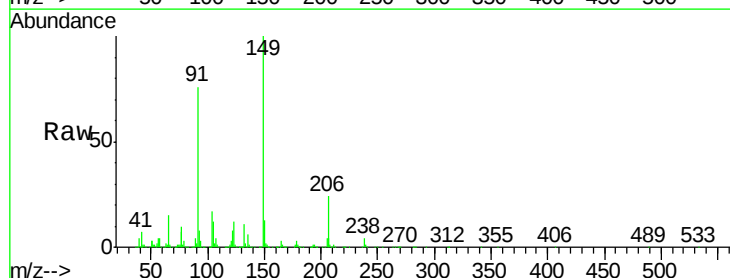
Tgt Ion:149 Resp: 513153

Ion Ratio Lower Upper

149 100

91 76.1 60.2 90.4

206 23.7 18.6 27.8

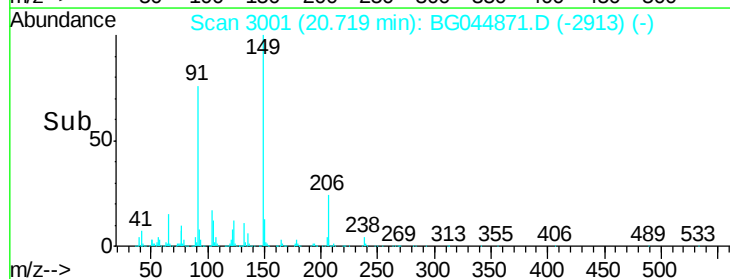


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

Time-->



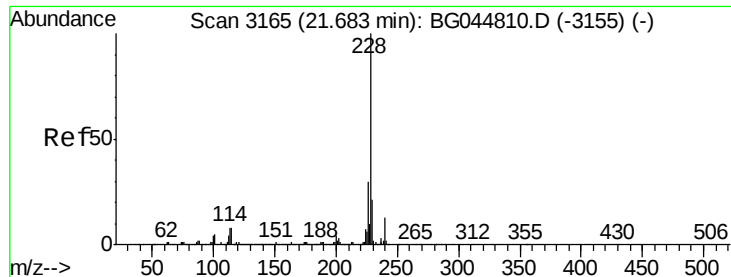
Abundance

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

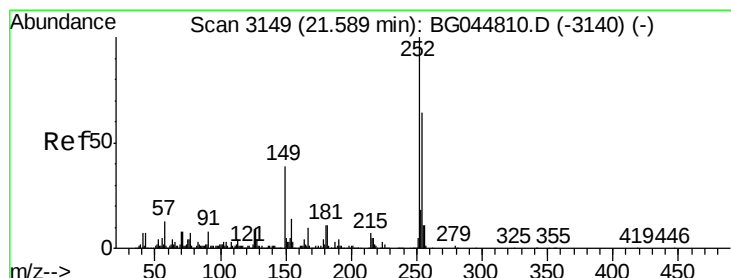
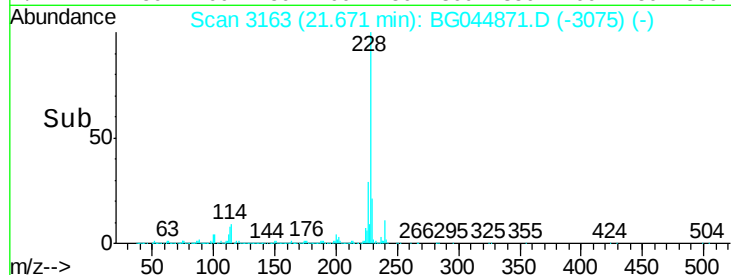
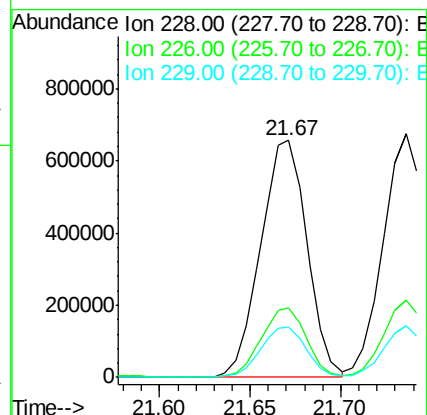
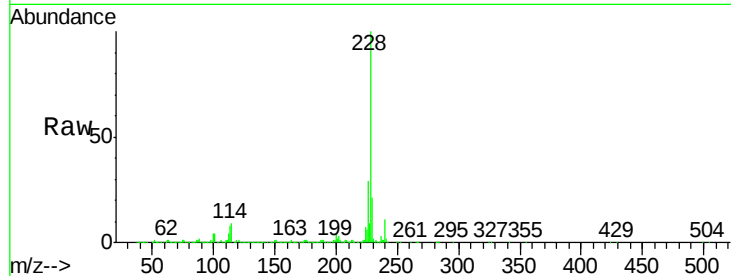
Time-->



#81
Benzo(a)anthracene
Concen: 37.60 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

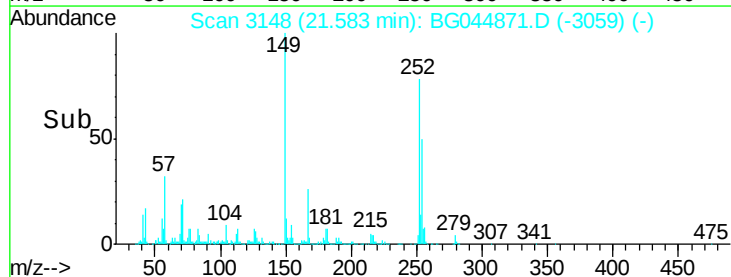
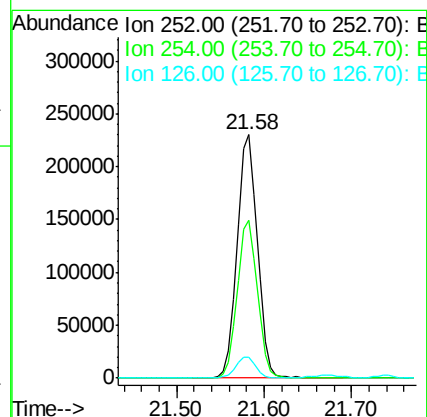
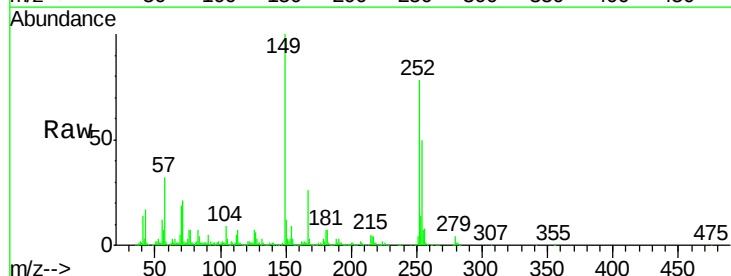
Instrument :
BNA_G
ClientSampleId :
PB127599BS

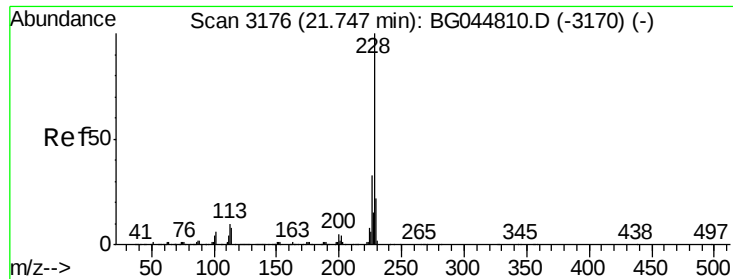
Tgt Ion:228 Resp: 1166450
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 21.4 17.1 25.7



#82
3,3'-Dichlorobenzidine
Concen: 30.14 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG044871.D
Acq: 18 Mar 2020 19:51

Tgt Ion:252 Resp: 361765
Ion Ratio Lower Upper
252 100
254 64.9 51.6 77.4
126 8.8 7.0 10.6





#83

Chrysene

Concen: 37.51 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

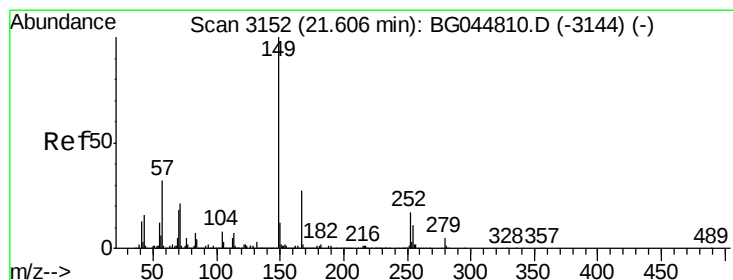
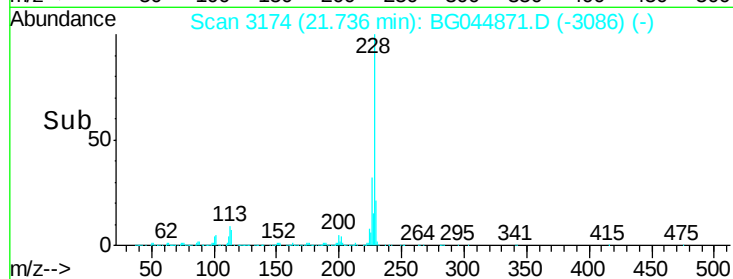
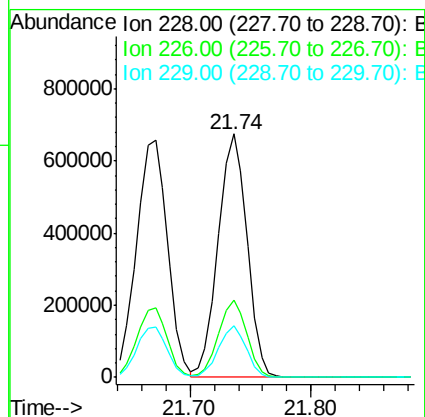
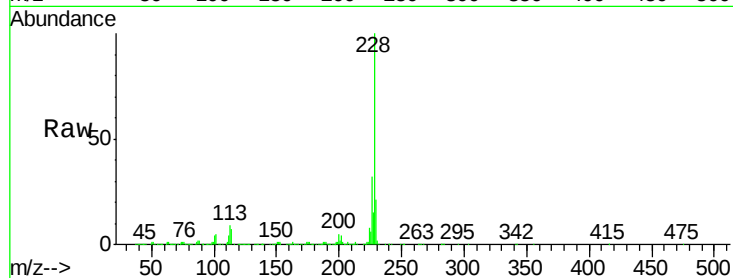
Tgt Ion:228 Resp: 1111671

Ion Ratio Lower Upper

228 100

226 31.7 25.9 38.9

229 21.3 17.4 26.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.93 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

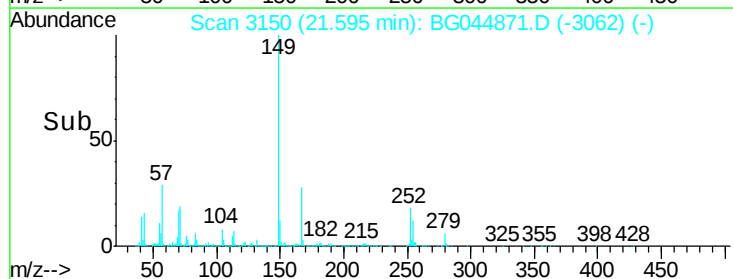
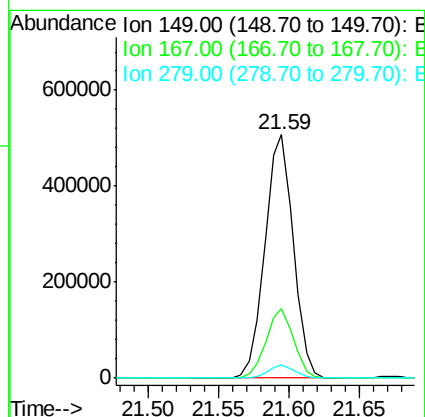
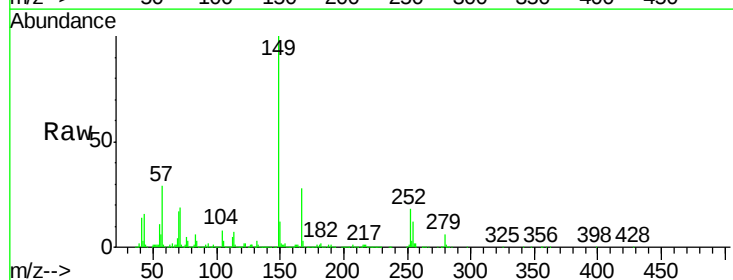
Tgt Ion:149 Resp: 716745

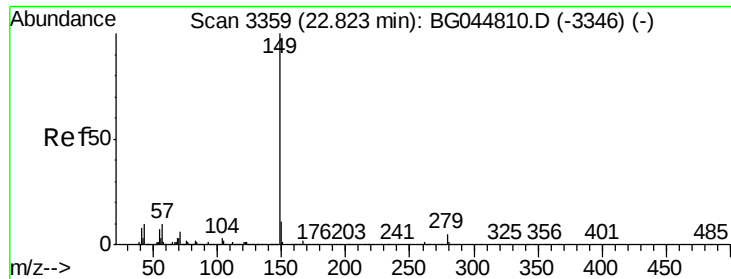
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.6

279 5.6 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 37.81 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

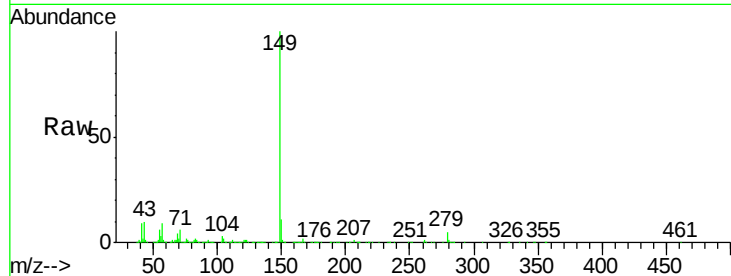
Tgt Ion:149 Resp: 1227876

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

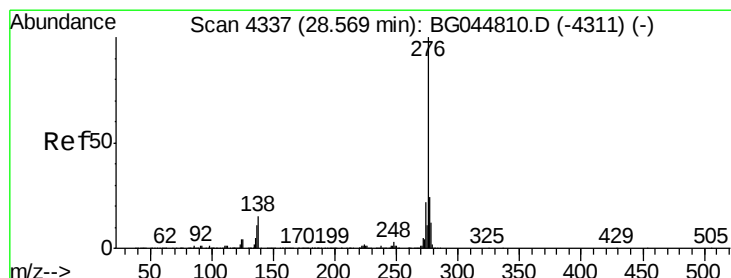
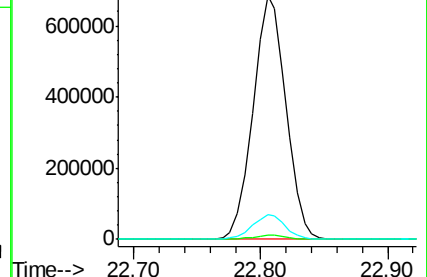
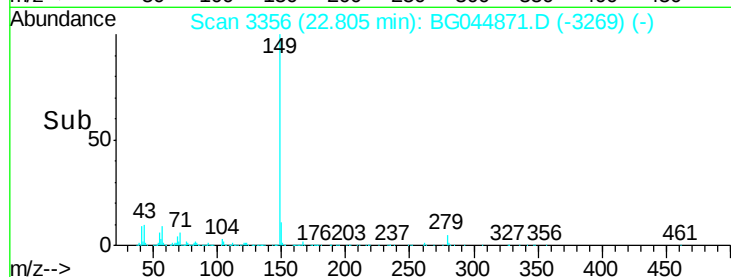
43 9.8 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.89 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

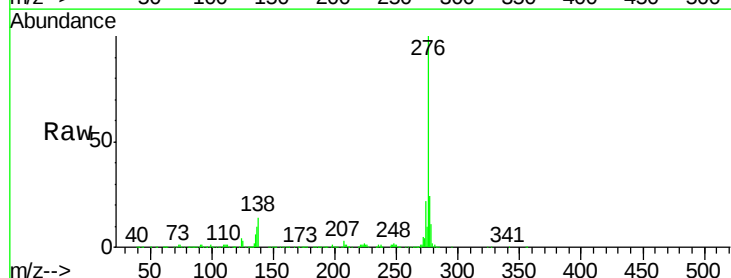
Tgt Ion:276 Resp: 1472120

Ion Ratio Lower Upper

276 100

138 14.3 7.4 11.0#

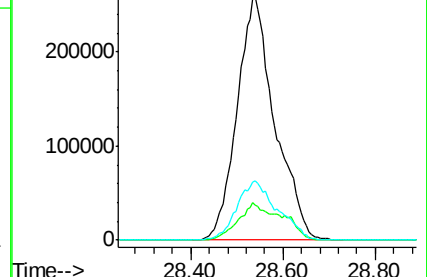
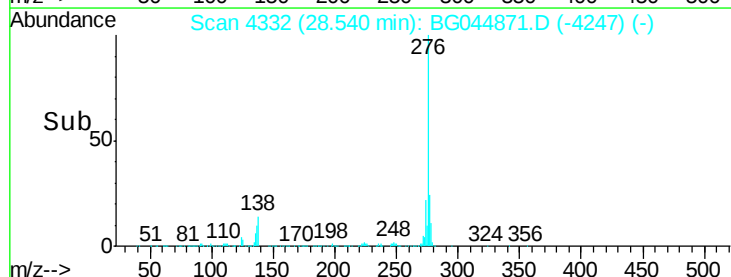
277 26.0 20.8 31.2

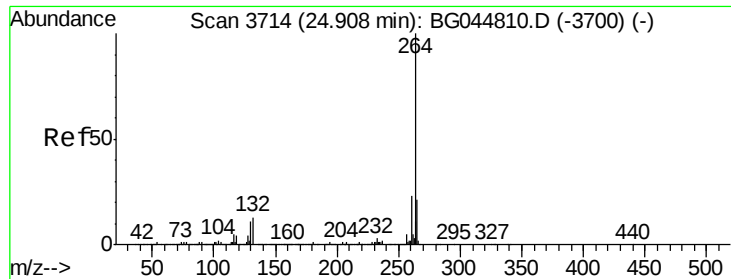


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

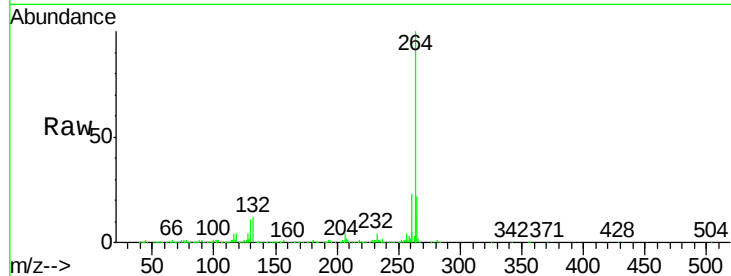
Tgt Ion:264 Resp: 483475

Ion Ratio Lower Upper

264 100

260 22.7 18.1 27.1

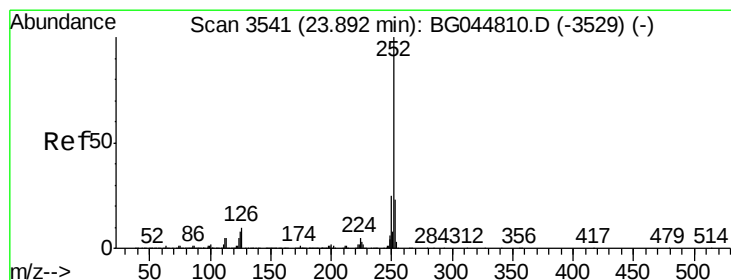
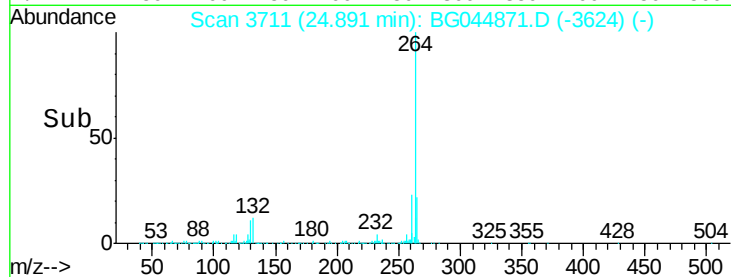
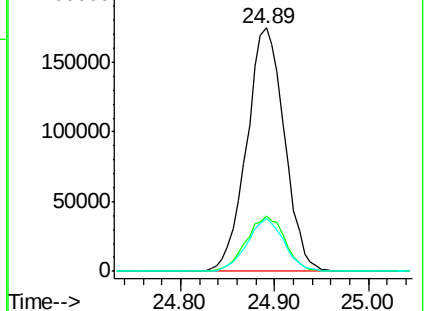
265 21.7 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.92 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

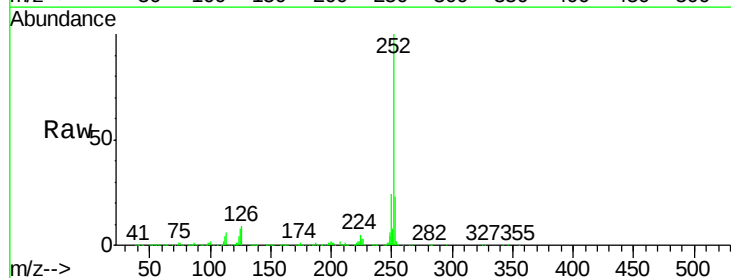
Tgt Ion:252 Resp: 1242126

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

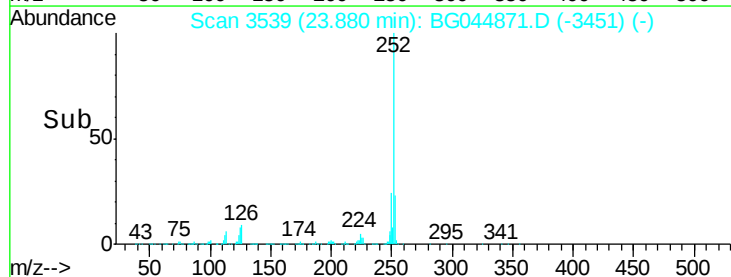
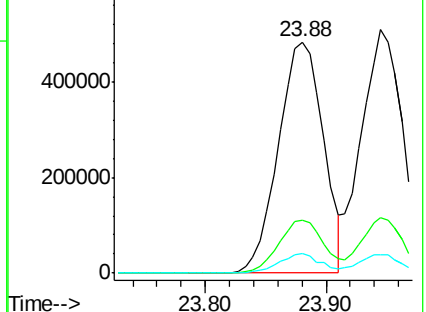
125 8.5 6.6 9.8

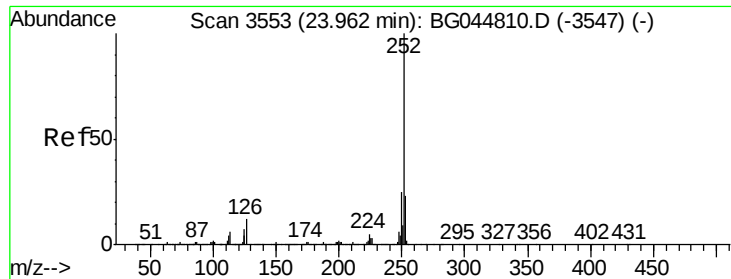


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.23 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

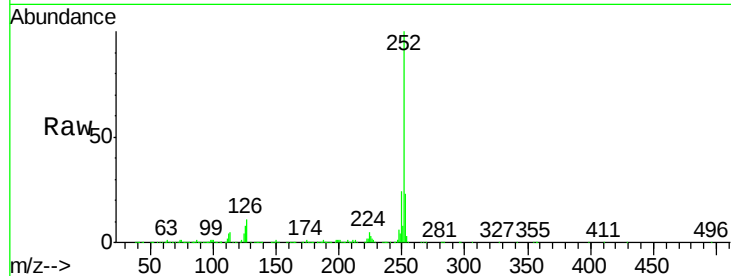
Tgt Ion:252 Resp: 1215179

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

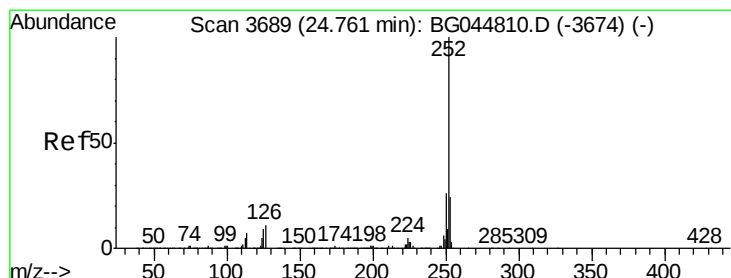
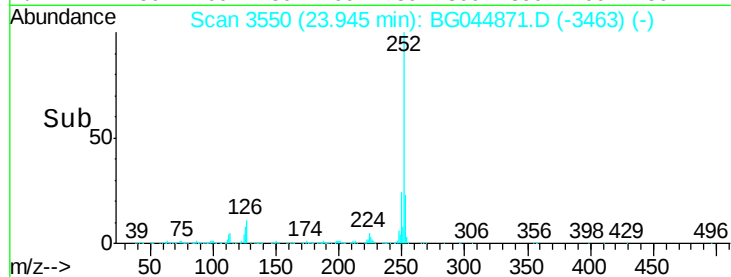
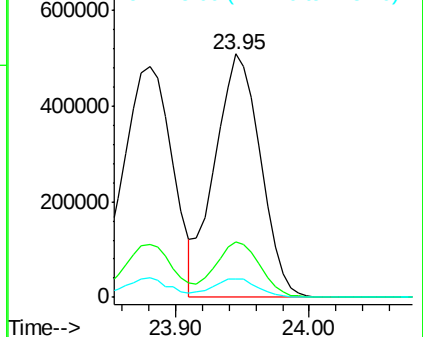
125 7.7 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.51 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

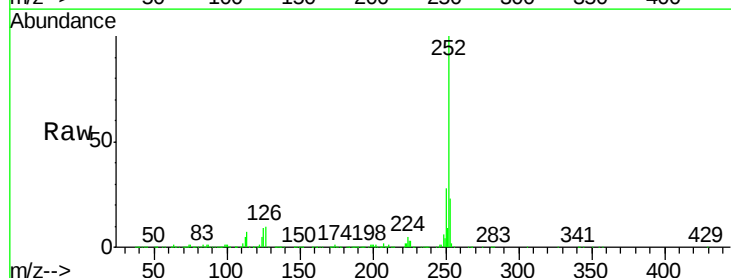
Tgt Ion:252 Resp: 1150224

Ion Ratio Lower Upper

252 100

253 23.0 19.4 29.0

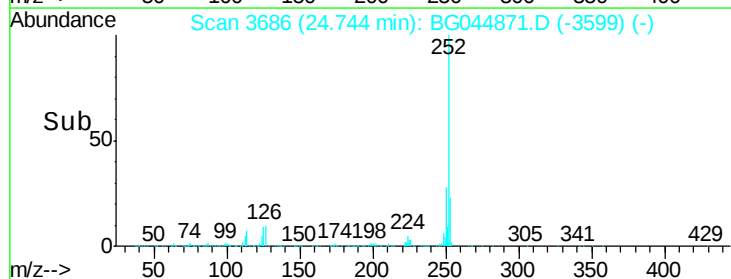
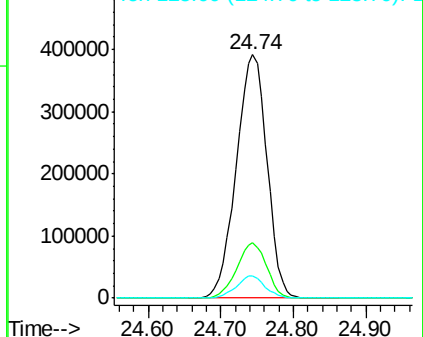
125 9.1 7.2 10.8

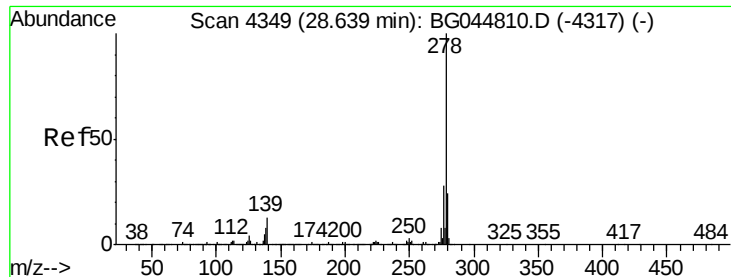


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.81 ng

RT: 28.60 min Scan# 4343

Delta R.T. -0.04 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

Instrument :

BNA_G

ClientSampleId :

PB127599BS

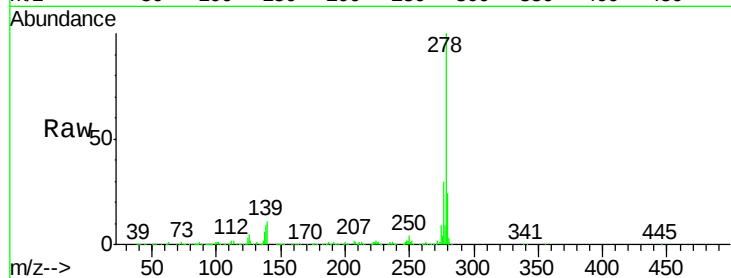
Tgt Ion:278 Resp: 1202495

Ion Ratio Lower Upper

278 100

139 11.4 10.2 15.2

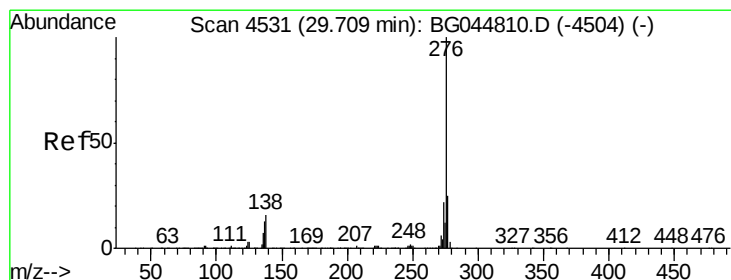
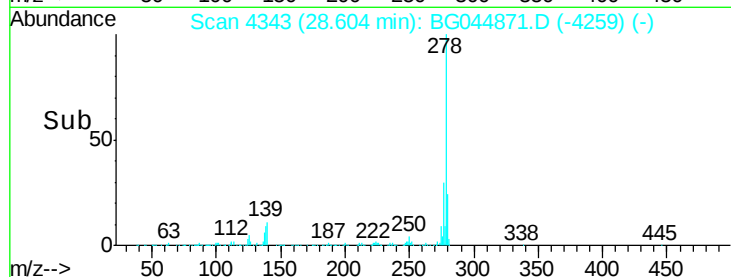
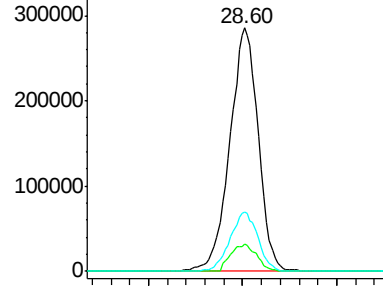
279 24.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.04 ng

RT: 29.67 min Scan# 4525

Delta R.T. -0.04 min

Lab File: BG044871.D

Acq: 18 Mar 2020 19:51

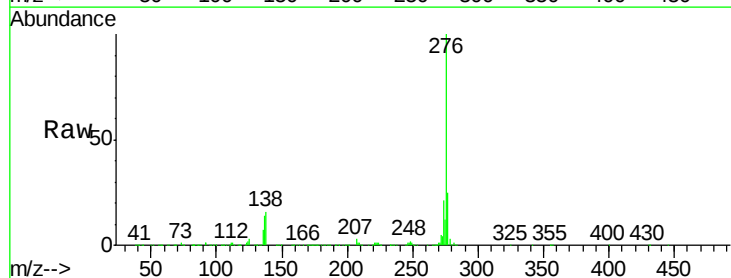
Tgt Ion:276 Resp: 1221643

Ion Ratio Lower Upper

276 100

277 24.7 20.1 30.1

138 16.0 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

