

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042870.D
 Acq On : 17 Sep 2019 16:51
 Operator : HP/JU
 Sample : PB123133BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

Quant Time: Sep 18 01:50:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52563	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	228908	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	177009	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	445969	20.00	ng	0.00
76) Chrysene-d12	21.75	240	328063	20.00	ng	0.00
87) Perylene-d12	25.03	264	334740	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	327267	108.25	ng	0.03
7) Phenol-d6	7.31	99	481486	110.95	ng	0.04
23) Nitrobenzene-d5	9.28	82	294995	67.09	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	305459	129.71	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	768188	68.70	ng	-0.01
79) Terphenyl-d14	20.08	244	1302926	88.02	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	38537	27.929	ng	# 87
3) Pyridine	4.07	79	101163	24.351	ng	# 83
4) n-Nitrosodimethylamine	3.92	42	78452	38.809	ng	# 74
6) Aniline	7.45	93	169346	28.924	ng	100
8) 2-Chlorophenol	7.69	128	142353	43.558	ng	89
9) Benzaldehyde	7.27	77	86981	30.801	ng	91
10) Phenol	7.34	94	186365	41.876	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	122639	35.907	ng	95
12) 1,3-Dichlorobenzene	8.00	146	150119	37.661	ng	98
13) 1,4-Dichlorobenzene	8.15	146	152557	38.228	ng	99
14) 1,2-Dichlorobenzene	8.47	146	144705	38.092	ng	99
15) Benzyl Alcohol	8.38	79	150779	40.487	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	297065	39.606	ng	97
17) 2-Methylphenol	8.58	107	129355	43.446	ng	98
18) Hexachloroethane	9.20	117	57065	38.731	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	119223	37.284	ng	98
20) 3+4-Methylphenols	8.91	107	176569	43.021	ng	99
22) Acetophenone	8.96	105	212130	36.694	ng	# 94
24) Nitrobenzene	9.32	77	186535	40.419	ng	99
25) Isophorone	9.89	82	330203	36.030	ng	98
26) 2-Nitrophenol	10.03	139	78759	43.399	ng	# 94
27) 2,4-Dimethylphenol	10.11	122	142341	44.340	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	184875	36.172	ng	98
29) 2,4-Dichlorophenol	10.58	162	163025	43.701	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	177626	39.000	ng	99
31) Naphthalene	10.97	128	448421	39.676	ng	99
32) Benzoic acid	10.29	122	101963	40.355	ng	97
33) 4-Chloroaniline	11.08	127	122707	23.229	ng	98
34) Hexachlorobutadiene	11.26	225	127328	39.901	ng	98
35) Caprolactam	12.01	113	25304	18.241	ng	98
36) 4-Chloro-3-methylphenol	12.22	107	176629	43.608	ng	99
37) 2-Methylnaphthalene	12.57	142	356649	42.126	ng	97
38) 1-Methylnaphthalene	12.78	142	335151	42.208	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	235902	40.331	ng	98

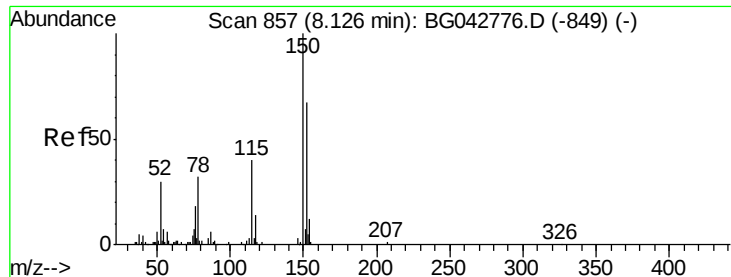
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	342511	102.217	ng	95
43) 2,4,6-Trichlorophenol	13.18	196	162902	41.833	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	179536	45.011	ng	97
46) 1,1'-Biphenyl	13.57	154	506766	40.896	ng	98
47) 2-Chloronaphthalene	13.61	162	395020	38.536	ng	100
48) 2-Nitroaniline	13.82	65	143513	40.358	ng	96
49) Acenaphthylene	14.46	152	652503	41.654	ng	98
50) Dimethylphthalate	14.20	163	530623	40.016	ng	98
51) 2,6-Dinitrotoluene	14.30	165	122730	45.107	ng	95
52) Acenaphthene	14.80	154	384858	37.606	ng	98
53) 3-Nitroaniline	14.65	138	84223	27.581	ng	97
54) 2,4-Dinitrophenol	14.84	184	153806	114.828	ng	# 71
55) Dibenzofuran	15.13	168	640034	42.076	ng	97
56) 4-Nitrophenol	14.97	139	204954	86.805	ng	93
57) 2,4-Dinitrotoluene	15.09	165	173591	47.865	ng	# 98
58) Fluorene	15.78	166	539553	42.799	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	189541	49.020	ng	98
60) Diethylphthalate	15.56	149	546300	40.587	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	319157	42.817	ng	99
62) 4-Nitroaniline	15.81	138	127784	38.822	ng	84
63) Azobenzene	16.06	77	538261	41.527	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	114268	59.882	ng	96
66) n-Nitrosodiphenylamine	15.98	169	488365	40.695	ng	95
67) 4-Bromophenyl-phenylether	16.66	248	218255	40.434	ng	97
68) Hexachlorobenzene	16.78	284	228349	39.590	ng	95
69) Atrazine	16.95	200	191665	45.864	ng	97
70) Pentachlorophenol	17.13	266	309038	90.319	ng	95
71) Phenanthrene	17.52	178	870260	40.804	ng	98
72) Anthracene	17.61	178	879600	41.281	ng	99
73) Carbazole	17.88	167	799615	39.483	ng	98
74) Di-n-butylphthalate	18.44	149	879952	36.272	ng	99
75) Fluoranthene	19.52	202	1039700	37.614	ng	99
77) Benzidine	19.70	184	398572	43.485	ng	98
78) Pyrene	19.88	202	1008949	49.124	ng	99
80) Butylbenzylphthalate	20.77	149	319696	38.461	ng	98
81) Benzo(a)anthracene	21.74	228	820394	39.331	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	223604	27.585	ng	# 97
83) Chrysene	21.80	228	793807	40.177	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	405252	35.681	ng	98
85) Di-n-octyl phthalate	22.89	149	645776	33.353	ng	95
86) Indeno(1,2,3-cd)pyrene	28.77	276	871655	35.625	ng	# 83
88) Benzo(b)fluoranthene	23.99	252	785727	39.976	ng	# 96
89) Benzo(k)fluoranthene	24.06	252	761051	40.990	ng	# 96
90) Benzo(a)pyrene	24.87	252	763236	41.470	ng	# 97
91) Dibenzo(a,h)anthracene	28.83	278	737485	40.742	ng	# 97
92) Benzo(g,h,i)perylene	29.92	276	743491	42.109	ng	# 92

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

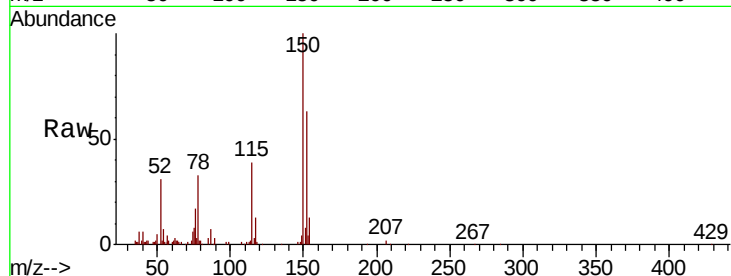


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	118.9	178.3
115	62.0	47.4	71.2

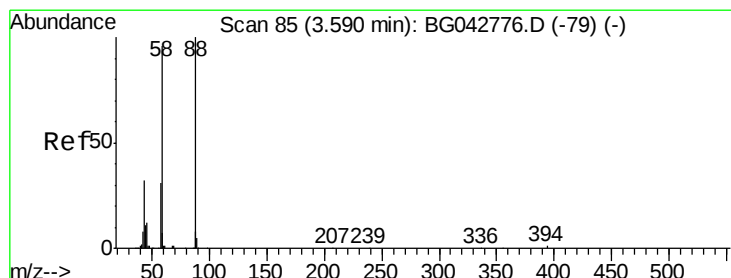
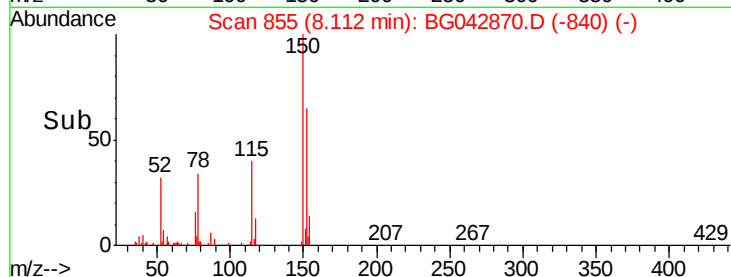
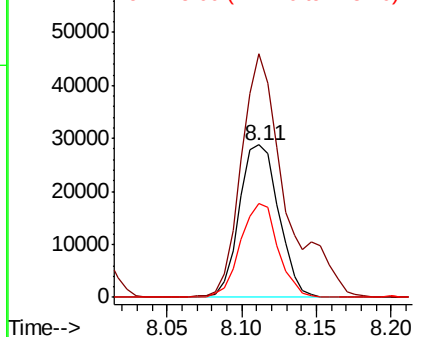


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

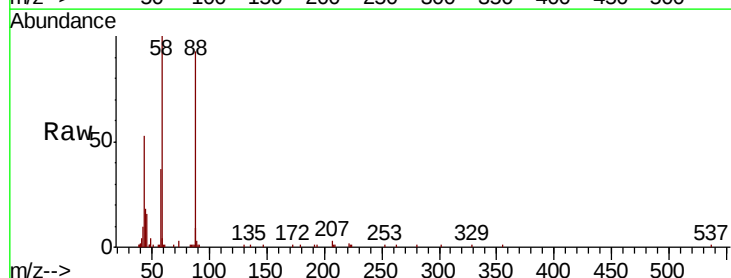
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.929 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	110.7	79.1	118.7
43	47.4	30.4	45.6

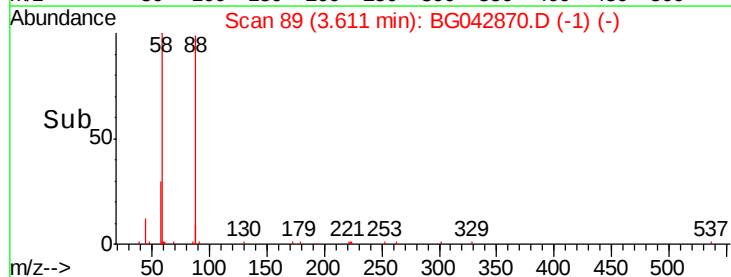
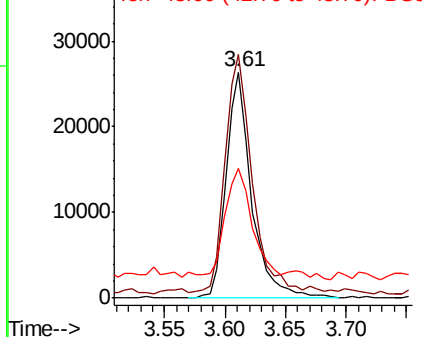


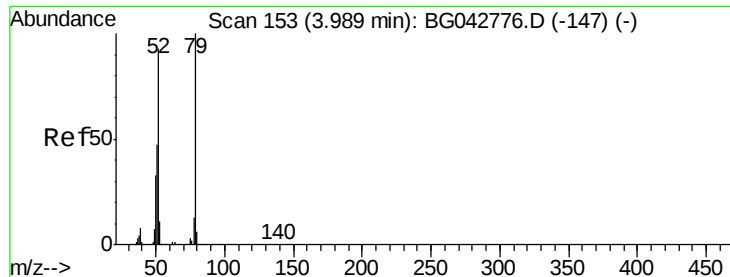
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.351 ng

RT: 4.07 min Scan# 167

Delta R.T. 0.08 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

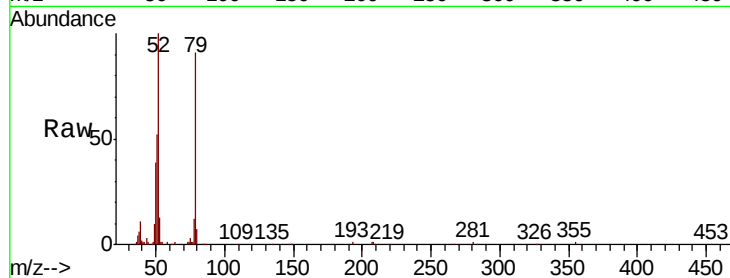
Tot Ion: 79 Resp: 101163

Ion Ratio Lower Upper

79 100

52 109.5 74.0 111.0

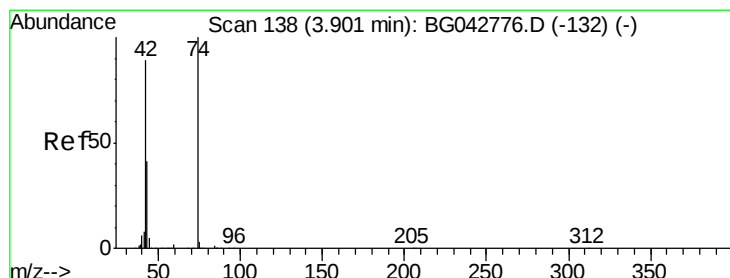
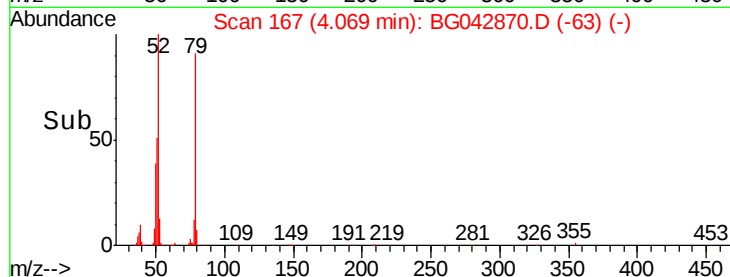
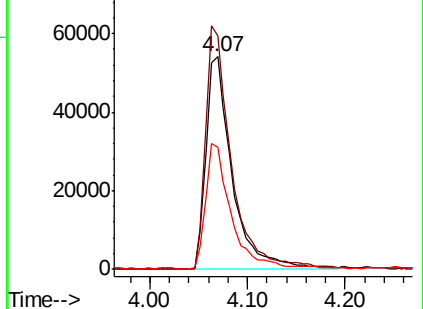
51 57.1 37.5 56.3#



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: 38.809 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

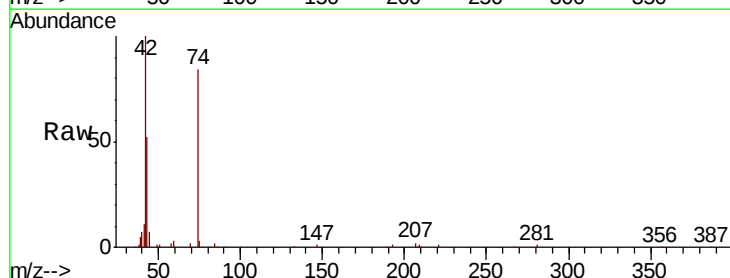
Tgt Ion: 42 Resp: 78452

Ion Ratio Lower Upper

42 100

74 83.7 90.2 135.2#

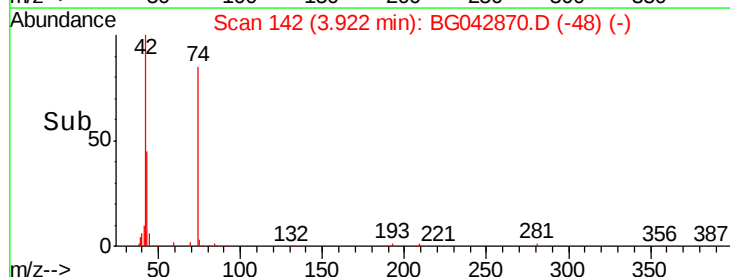
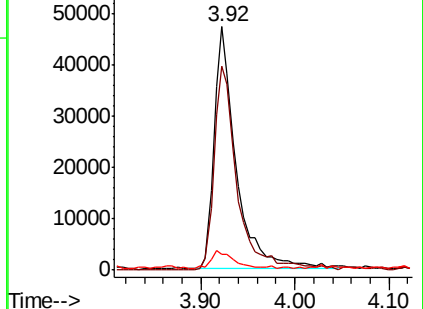
44 6.6 6.6 9.8

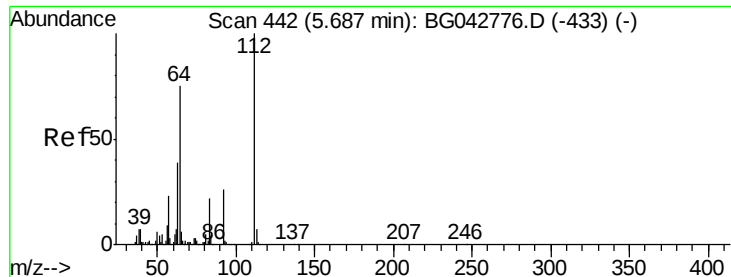


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 108.245 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.03 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

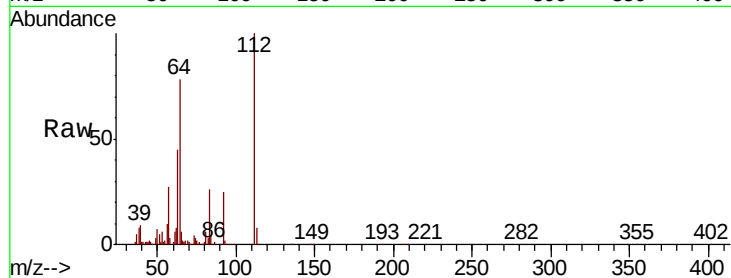
Tot Ion:112 Resp: 327267

Ion Ratio Lower Upper

112 100

64 78.0 60.2 90.2

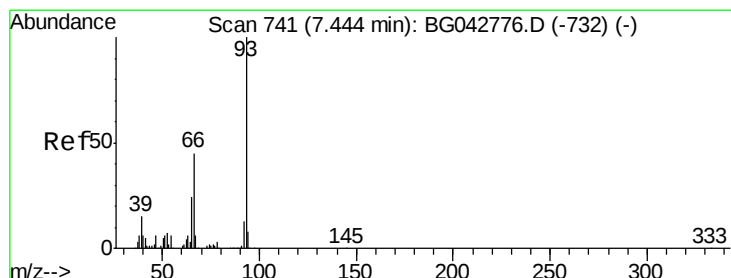
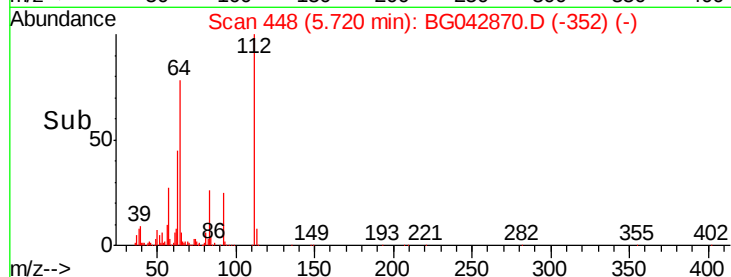
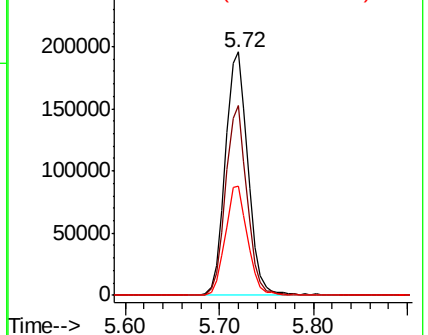
63 44.7 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.924 ng

RT: 7.45 min Scan# 743

Delta R.T. 0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

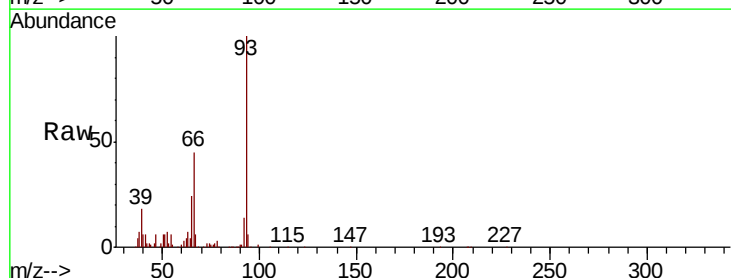
Tgt Ion: 93 Resp: 169346

Ion Ratio Lower Upper

93 100

66 45.1 36.3 54.5

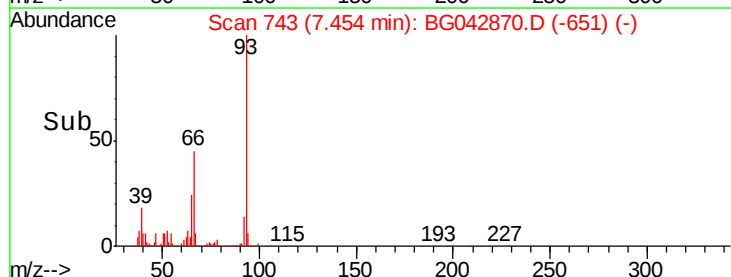
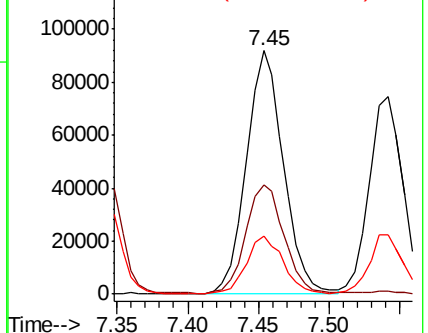
65 23.9 19.3 28.9

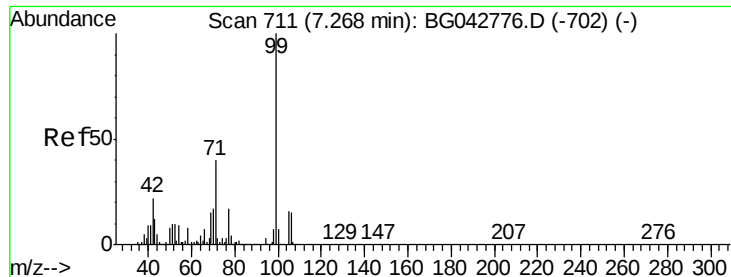


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.952 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.04 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

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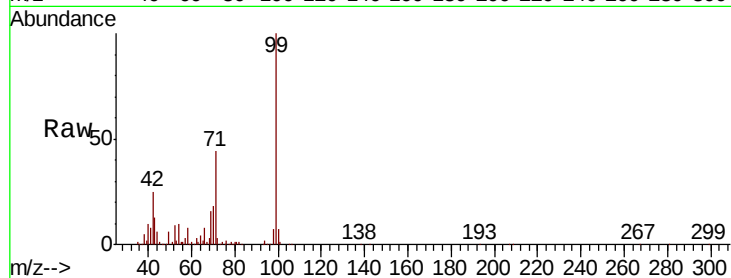
Tot Ion: 99 Resp: 481486

Ion Ratio Lower Upper

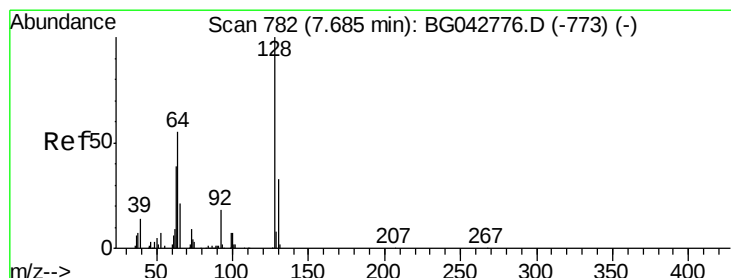
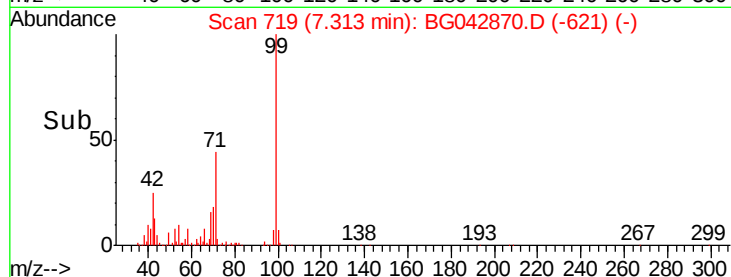
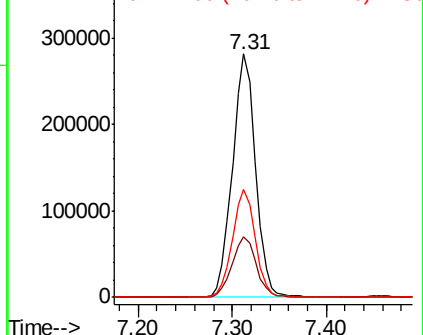
99 100

42 25.0 17.5 26.3

71 44.5 32.0 48.0



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: 43.558 ng

RT: 7.69 min Scan# 784

Delta R.T. 0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

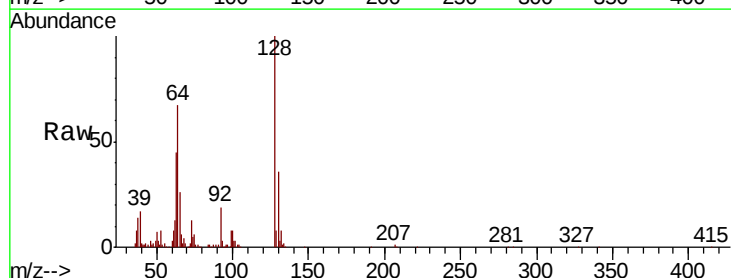
Tgt Ion: 128 Resp: 142353

Ion Ratio Lower Upper

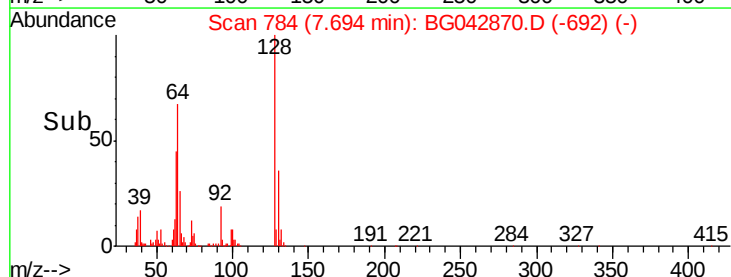
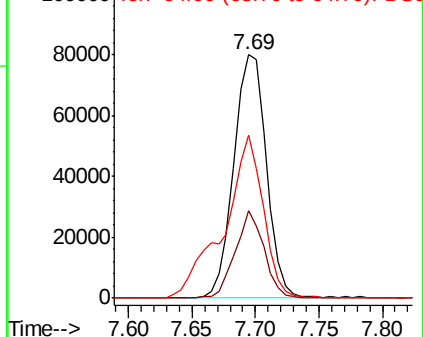
128 100

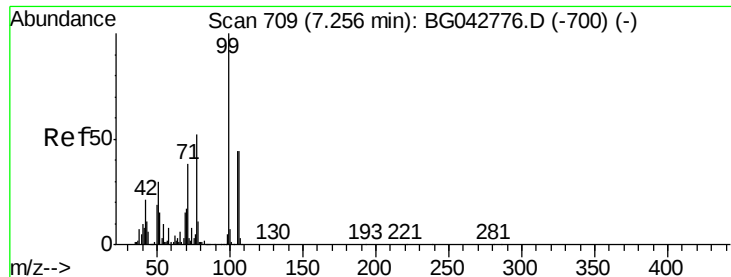
130 35.9 12.8 52.8

64 66.8 36.8 76.8



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





#9

Benzaldehyde

Concen: 30.801 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

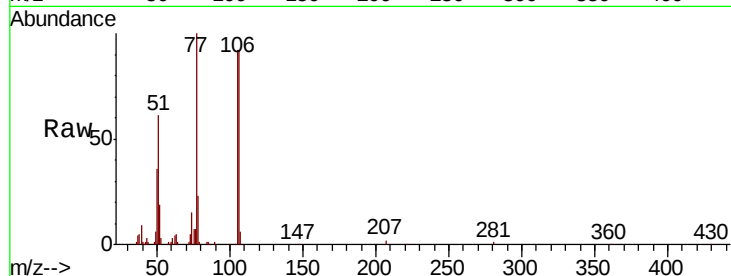
Tot Ion: 77 Resp: 86981

Ion Ratio Lower Upper

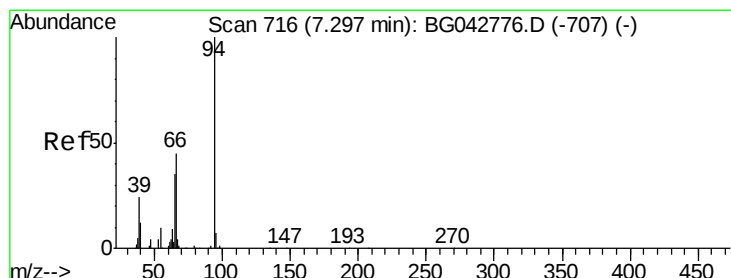
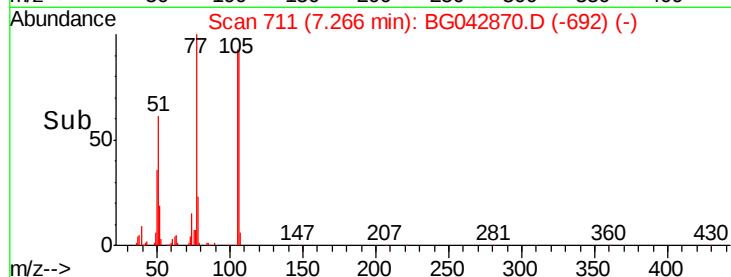
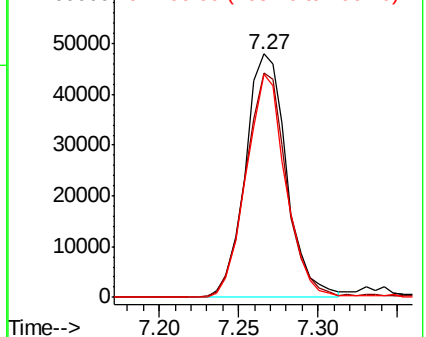
77 100

105 92.4 64.5 104.5

106 91.8 63.4 103.4



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: 41.876 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.04 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

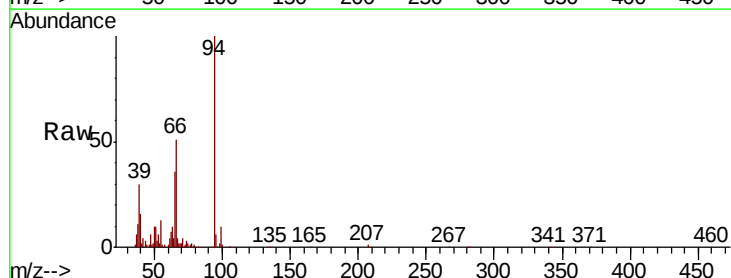
Tgt Ion: 94 Resp: 186365

Ion Ratio Lower Upper

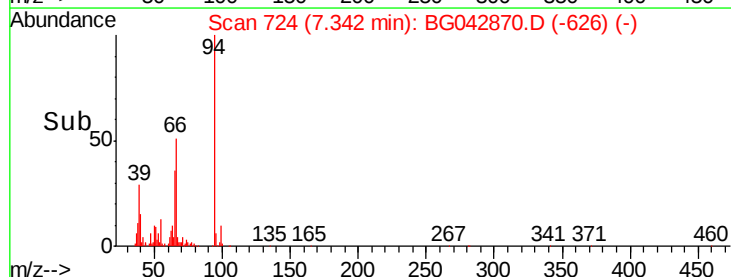
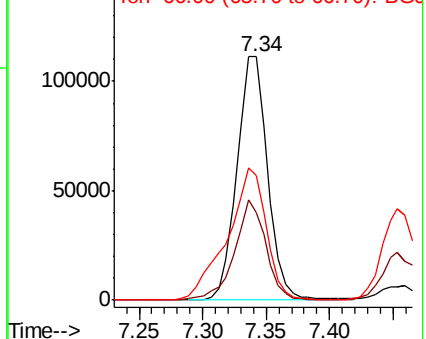
94 100

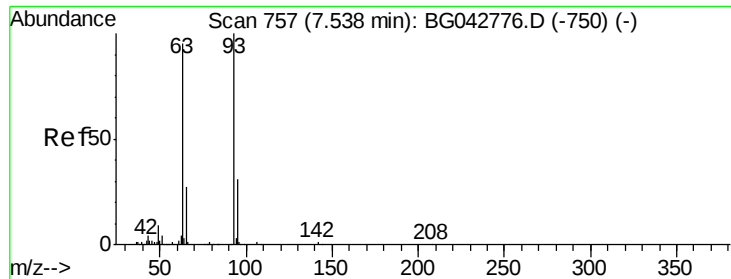
65 36.1 15.0 55.0

66 51.4 26.1 66.1



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

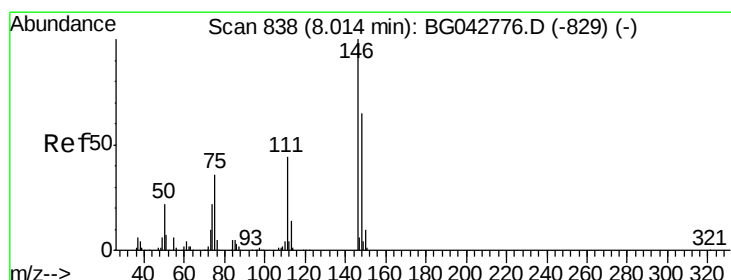
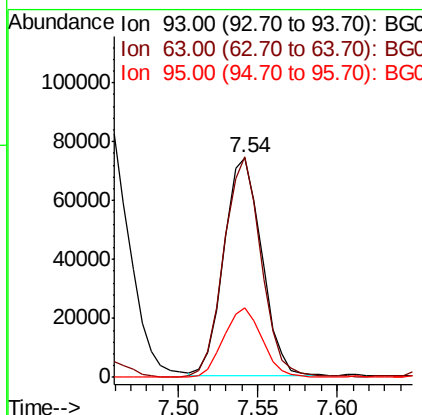
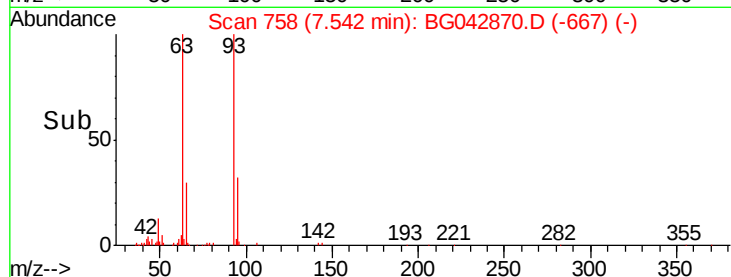
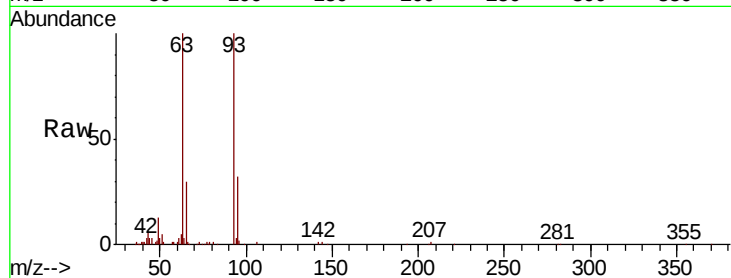




#11
bis(2-Chloroethyl)ether
Concen: 35.907 ng
RT: 7.54 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

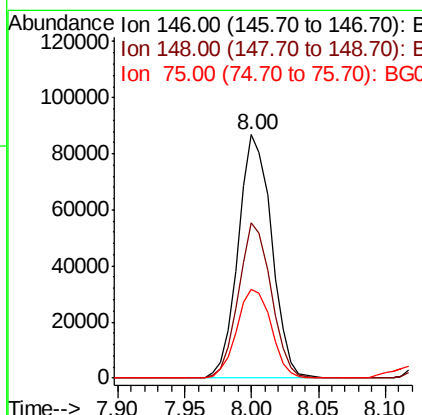
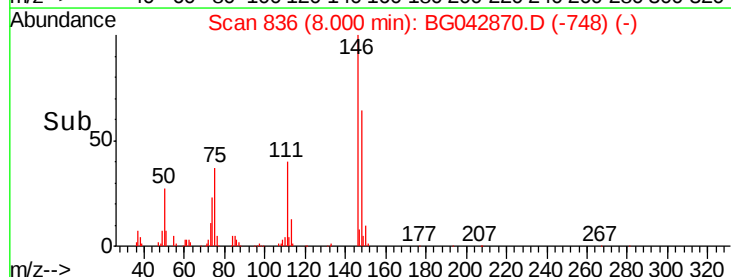
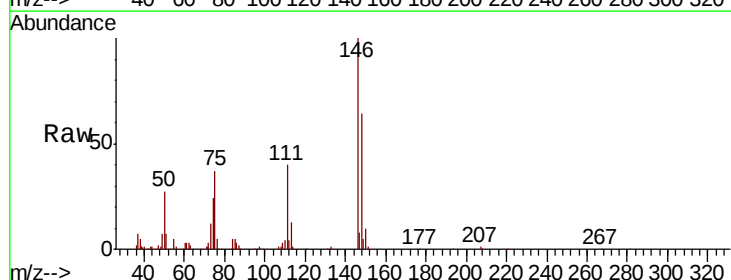
Instrument :
BNA_G
ClientSampleId :
PB123133BS

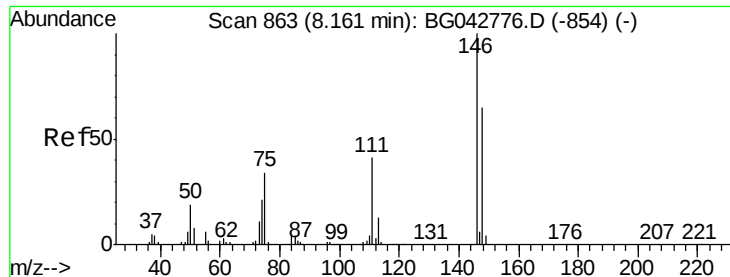
Tot Ion: 93 Resp: 122639
Ion Ratio Lower Upper
93 100
63 100.2 74.7 114.7
95 31.7 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 37.661 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion: 146 Resp: 150119
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 36.6 28.4 42.6

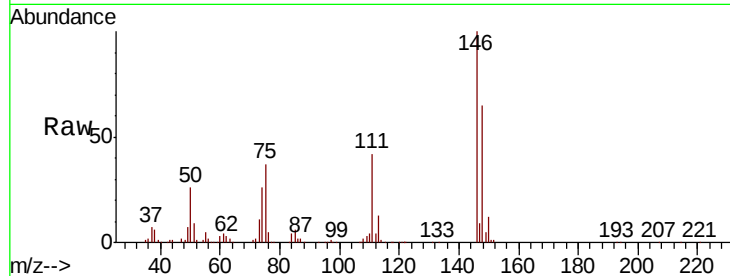




#13
 1,4-Dichlorobenzene
 Concen: 38.228 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
111	42.1	32.6	49.0

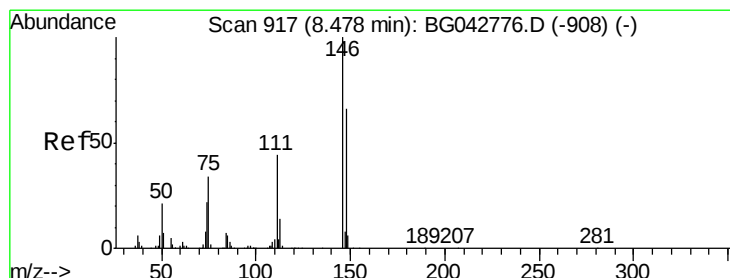
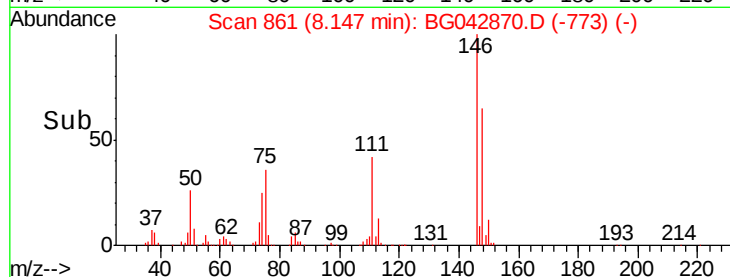
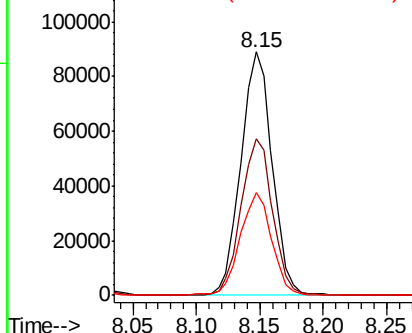


Abundance

Ion 146.00 (145.70 to 146.70): E

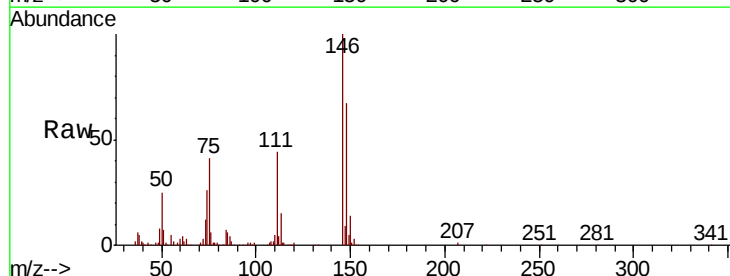
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.092 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.6	78.8
111	44.1	35.3	52.9

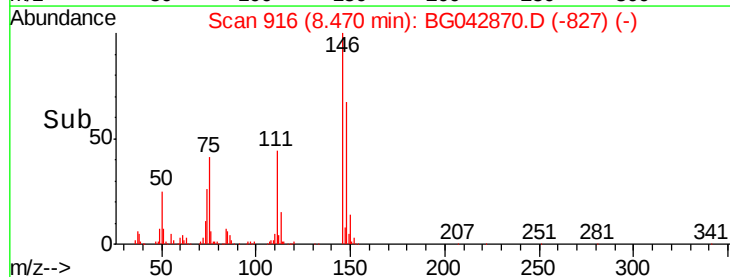
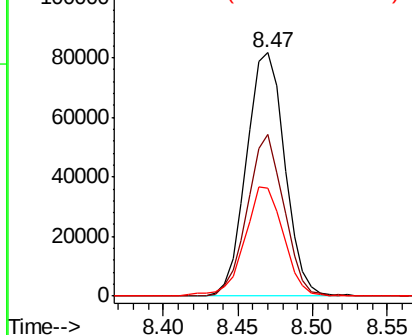


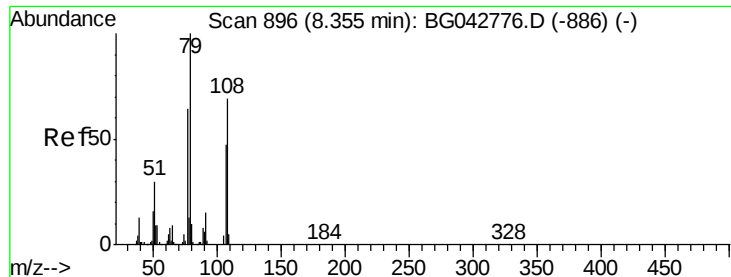
Abundance

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: 40.487 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.03 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

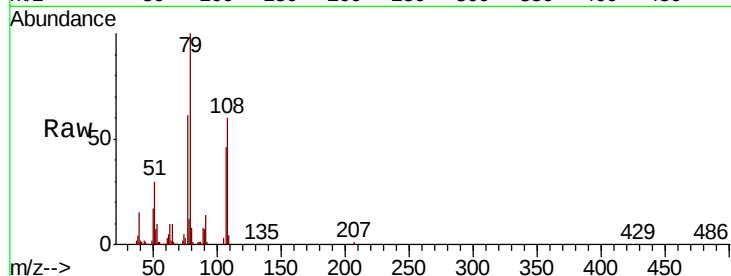
Tot Ion: 79 Resp: 150779

Ion Ratio Lower Upper

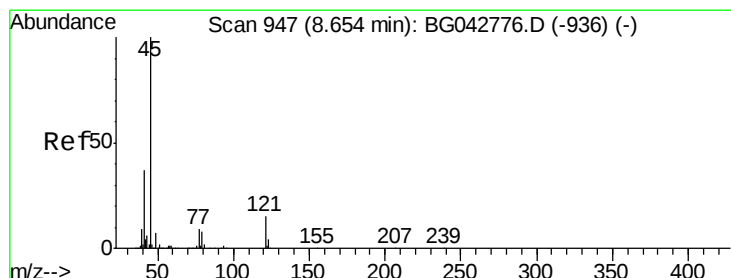
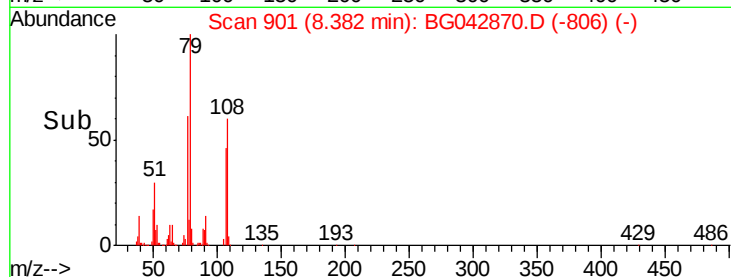
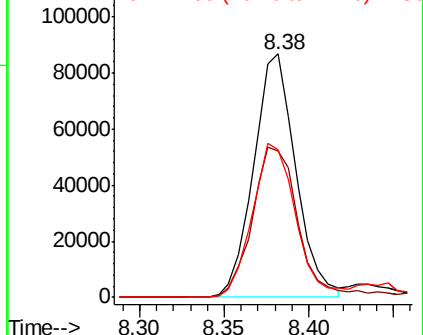
79 100

108 60.1 54.9 82.3

77 60.9 51.0 76.6



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: 39.606 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

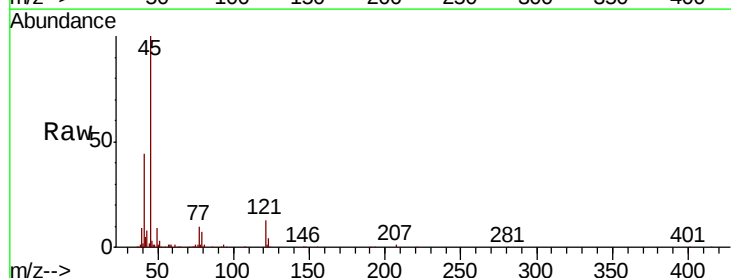
Tgt Ion: 45 Resp: 297065

Ion Ratio Lower Upper

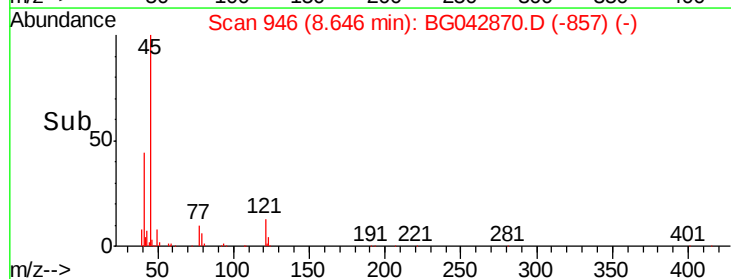
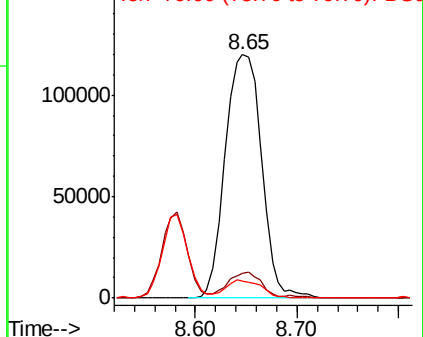
45 100

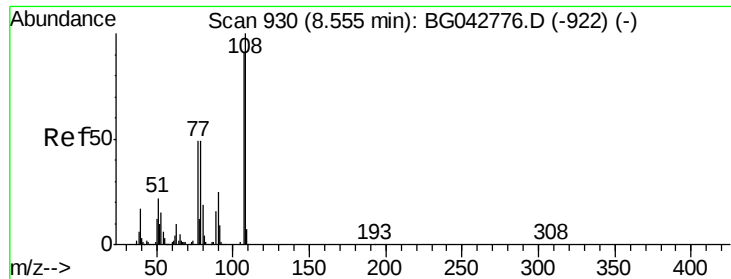
77 10.3 0.0 29.4

79 6.9 0.0 28.4



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: 43.446 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

Tot Ion:107 Resp: 129355

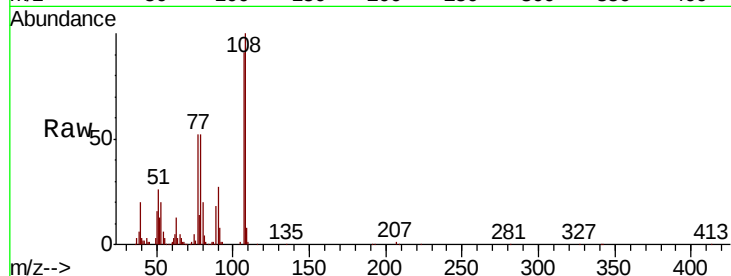
Ion Ratio Lower Upper

107 100

108 109.4 87.7 131.5

77 56.3 42.6 64.0

79 57.3 43.4 65.2

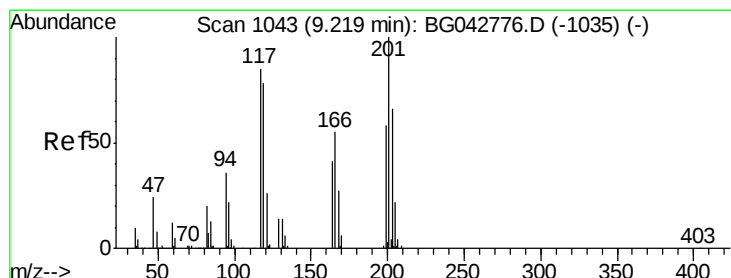
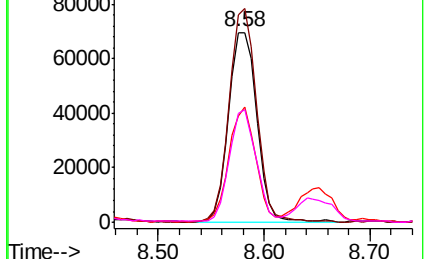
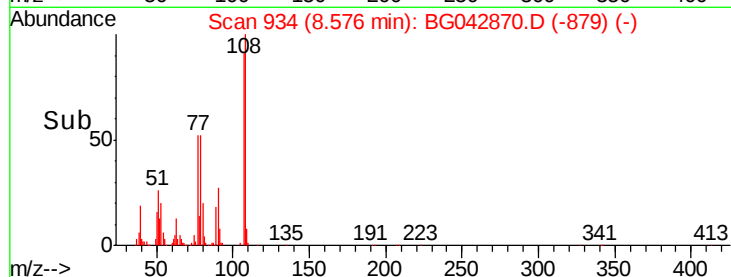


Abundance Ion 107.00 (106.70 to 107.70): E

120000 Ion 108.00 (107.70 to 108.70): E

100000 Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 38.731 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

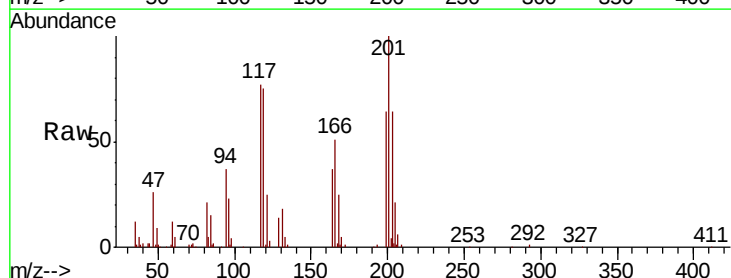
Tgt Ion:117 Resp: 57065

Ion Ratio Lower Upper

117 100

119 97.6 73.8 110.8

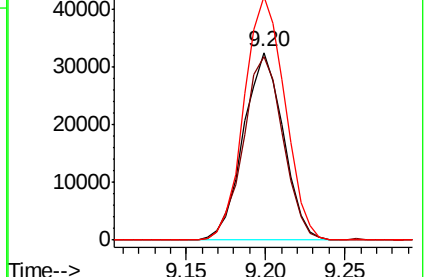
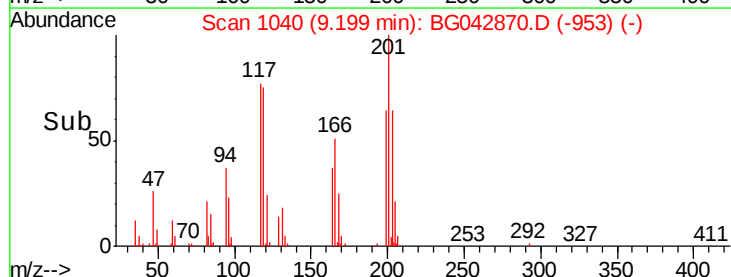
201 129.7 94.6 142.0

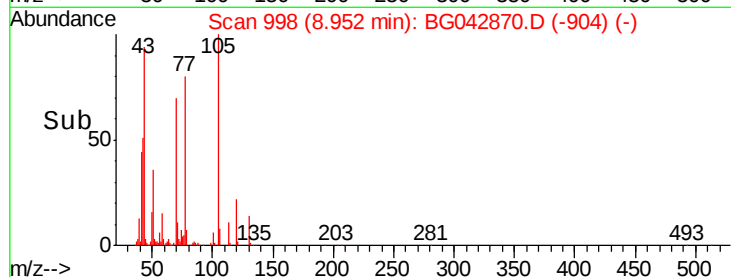
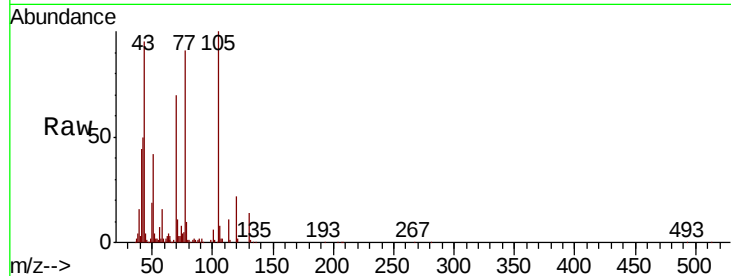
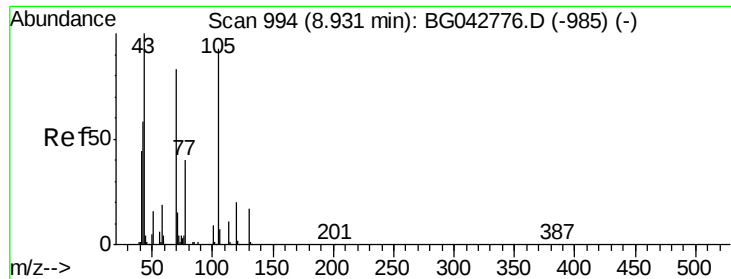


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

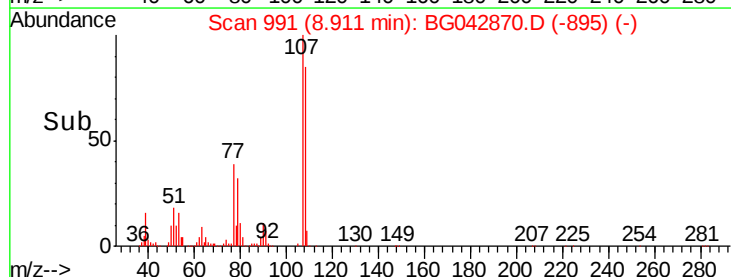
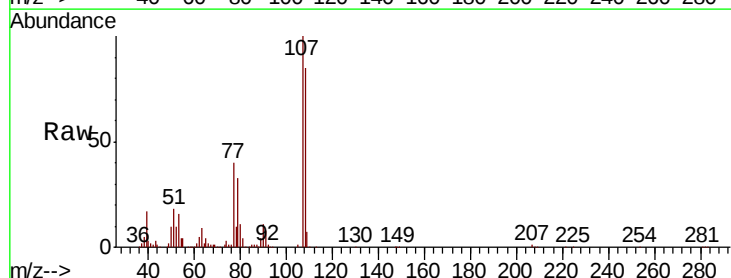
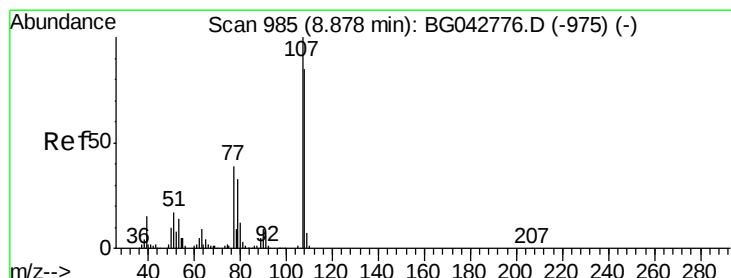
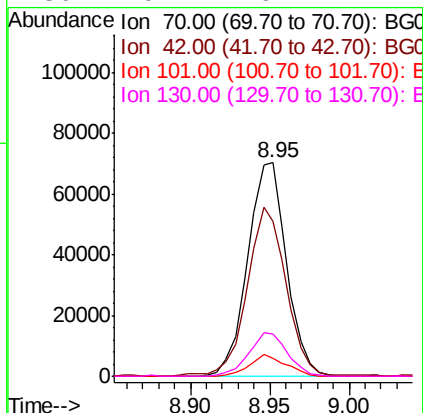




#19
n-Nitroso-di-n-propylamine
Concen: 37.284 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

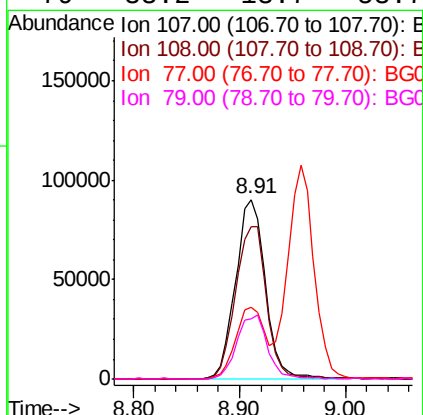
Instrument :
BNA_G
ClientSampleId :
PB123133BS

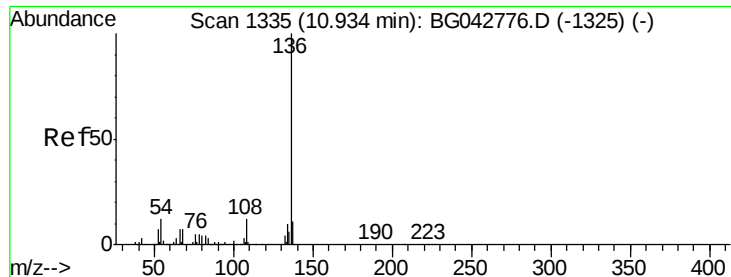
Tot Ion:	70	Resp:	119223
Ion	Ratio	Lower	Upper
70	100		
42	72.5	57.0	85.6
101	8.7	8.4	12.6
130	19.7	16.1	24.1



#20
3+4-Methylphenols
Concen: 43.021 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.03 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:	107	Resp:	176569
Ion	Ratio	Lower	Upper
107	100		
108	84.9	65.4	105.4
77	39.8	18.7	58.7
79	33.2	13.7	53.7

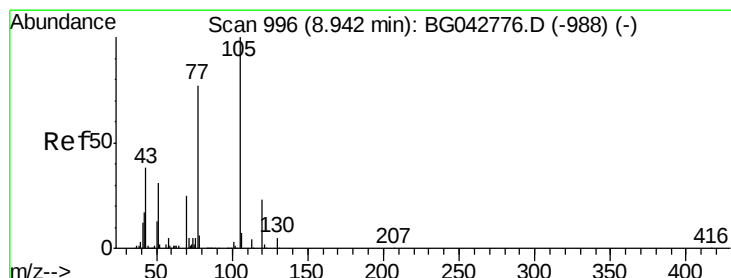
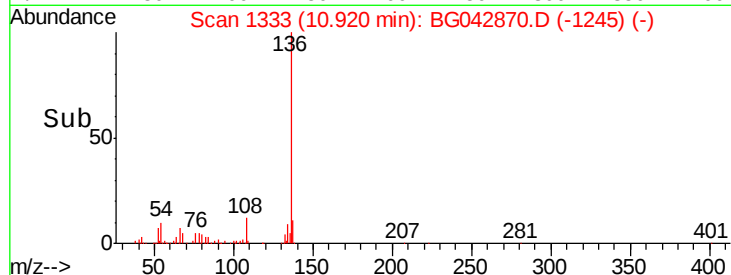
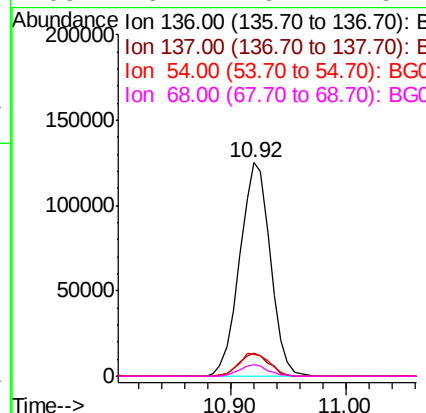
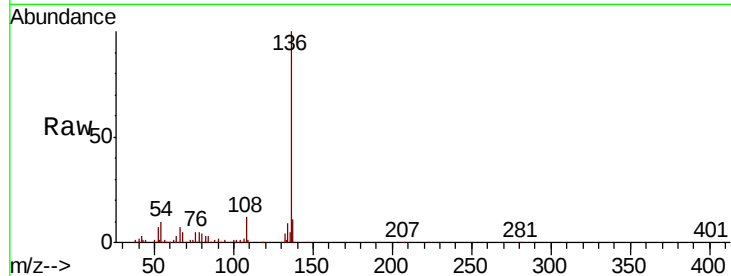




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

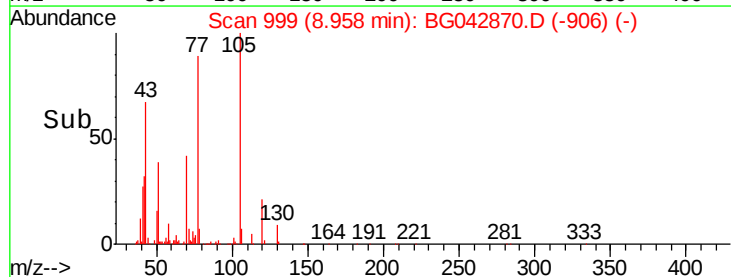
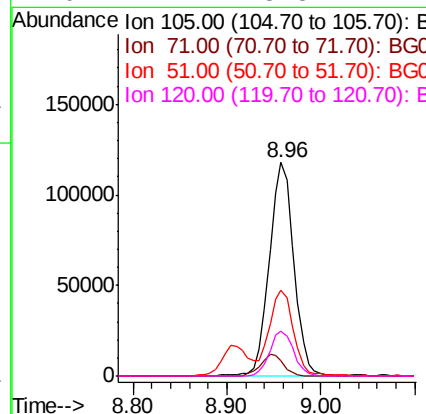
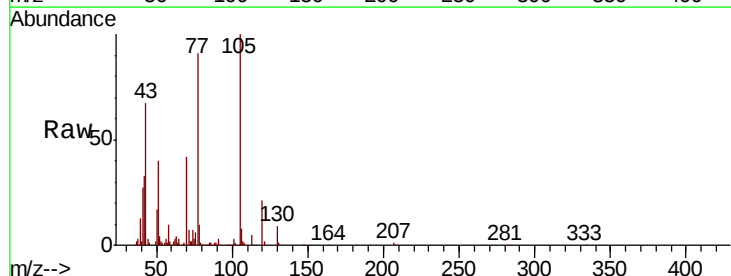
Instrument :
BNA_G
ClientSampleId :
PB123133BS

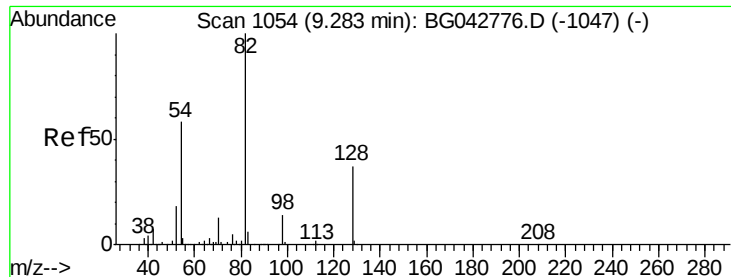
Tot Ion:136	Resp:	228908
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	10.3	9.4 14.0
68	5.2	5.4 8.2#



#22
Acetophenone
Concen: 36.694 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:105	Resp:	212130
Ion Ratio	Lower	Upper
105	100	
71	6.9	3.7 5.5#
51	40.2	28.8 43.2
120	21.1	18.5 27.7

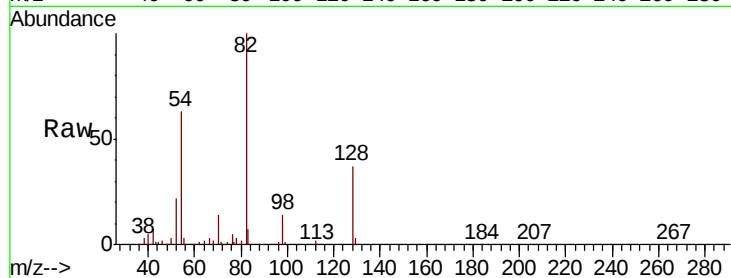




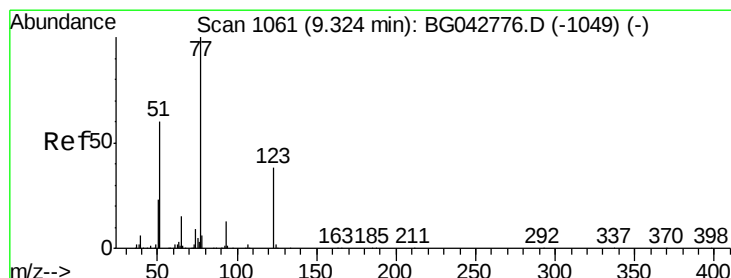
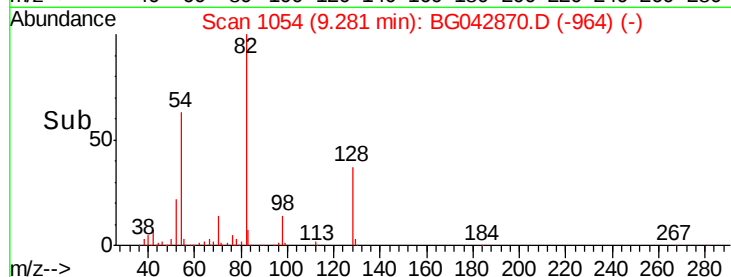
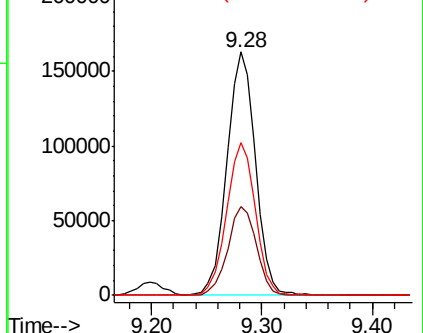
#23
 Nitrobenzene-d5
 Concen: 67.093 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

Tot Ion	82	Resp	294995
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.8	44.8
54	62.6	46.1	69.1

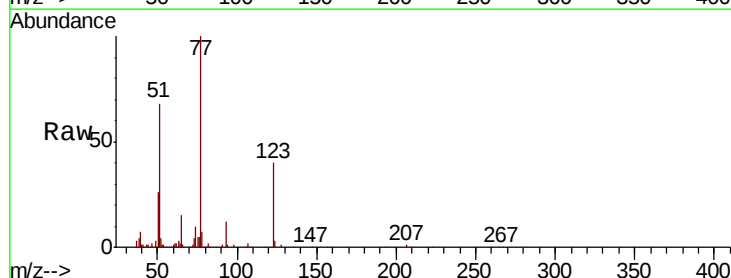


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

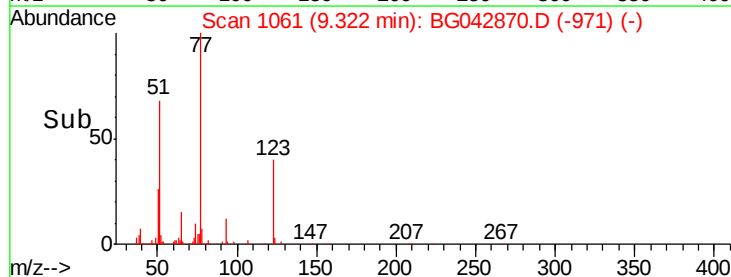
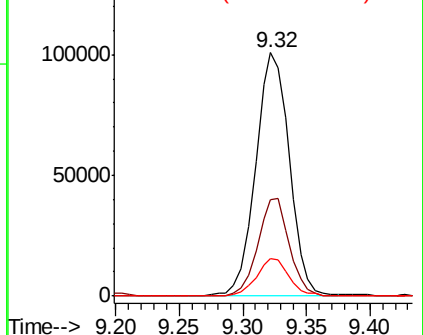


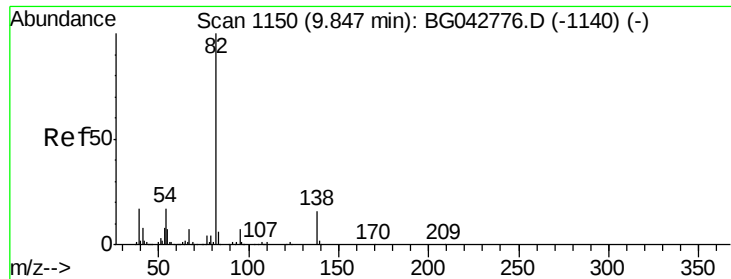
#24
 Nitrobenzene
 Concen: 40.419 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	77	Resp	186535
Ion Ratio	Lower	Upper	
77	100		
123	39.6	30.7	46.1
65	15.3	12.2	18.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

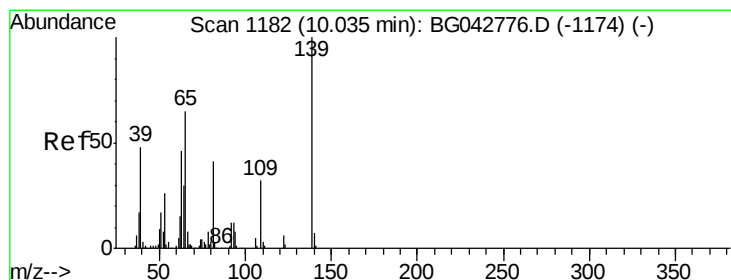
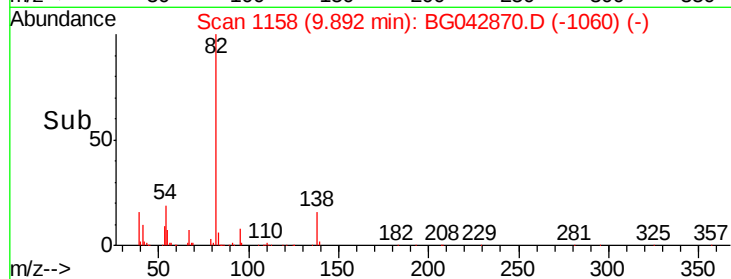
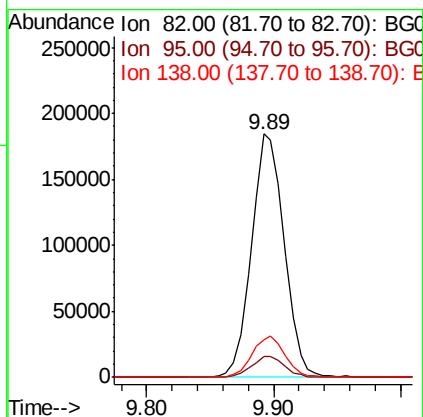
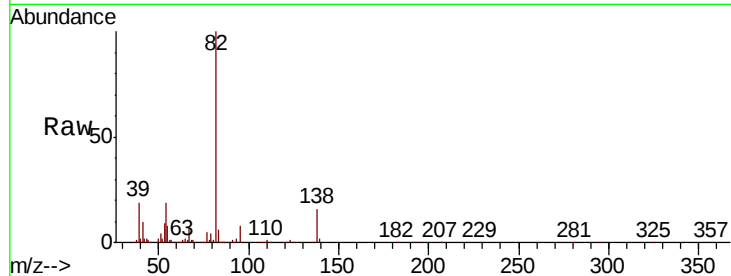




#25
Isophorone
Concen: 36.030 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.04 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

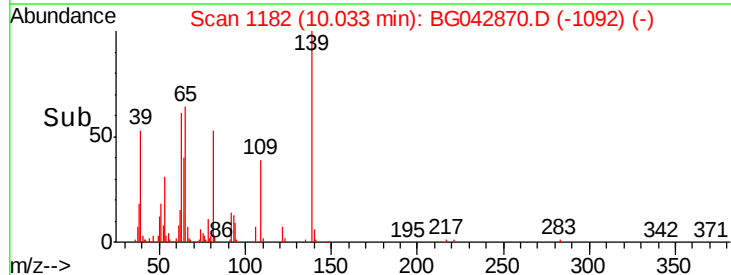
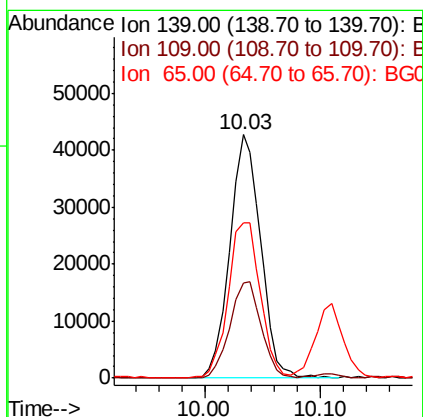
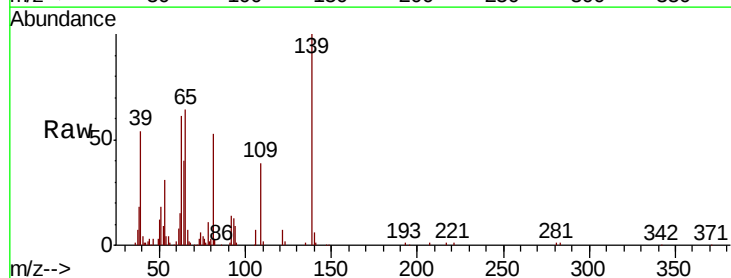
Instrument :
BNA_G
ClientSampleId :
PB123133BS

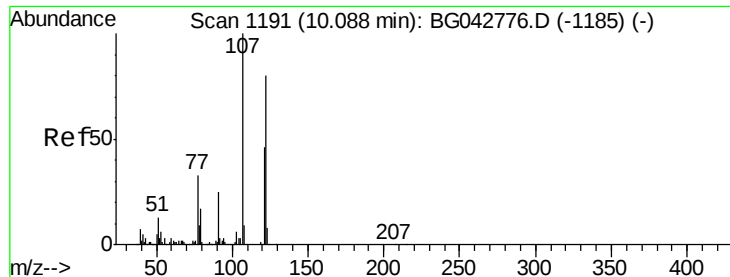
Tot Ion: 82 Resp: 330203
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.8
138 15.5 12.9 19.3



#26
2-Nitrophenol
Concen: 43.399 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion: 139 Resp: 78759
Ion Ratio Lower Upper
139 100
109 39.3 25.8 38.8#
65 63.6 52.2 78.2

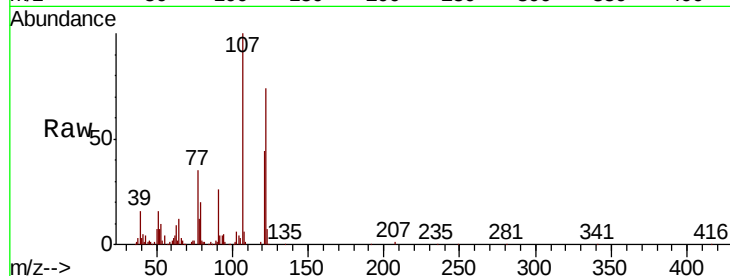




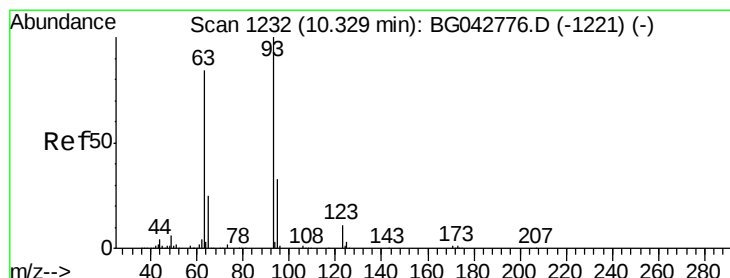
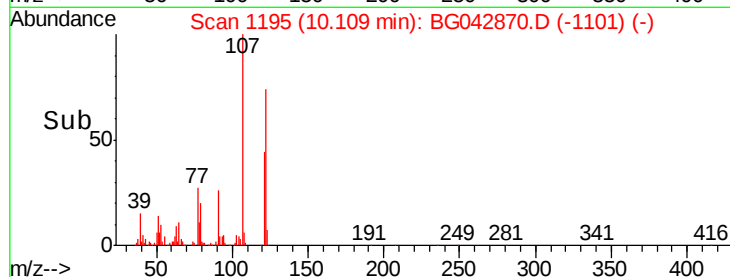
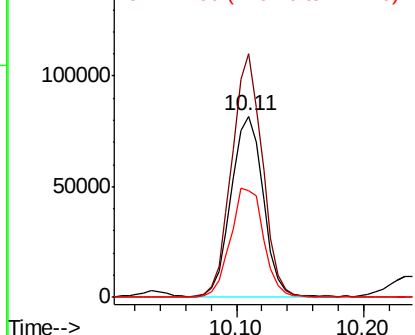
#27
2,4-Dimethylphenol
Concen: 44.340 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.5	98.9	148.3
121	58.8	46.2	69.2

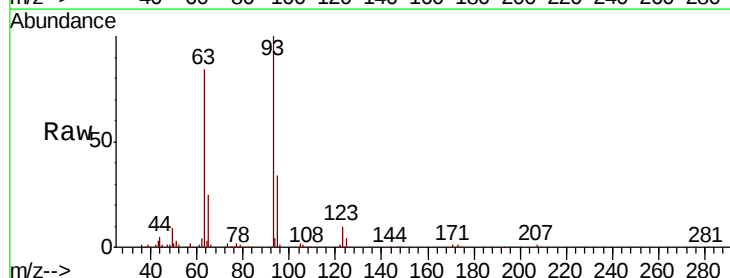


Abundance Ion 122.00 (121.70 to 122.70): E
150000
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

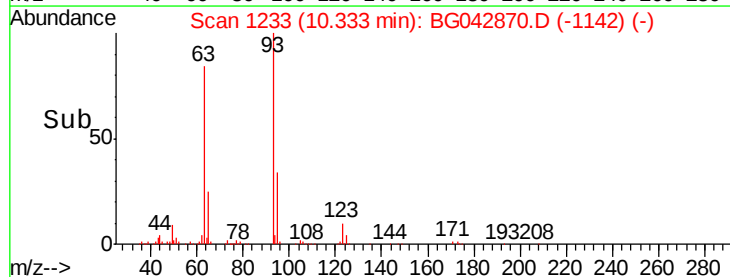
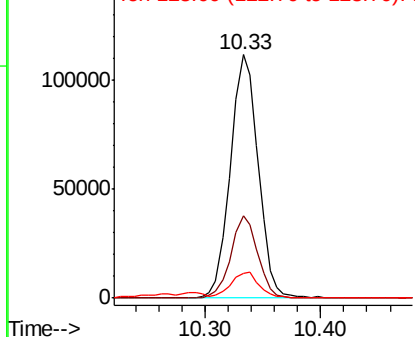


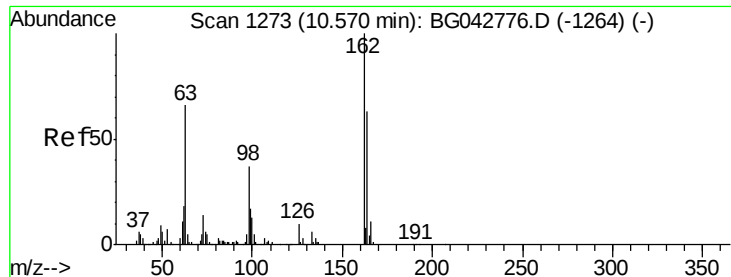
#28
bis(2-Chloroethoxy)methane
Concen: 36.172 ng
RT: 10.33 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.6	40.0
123	10.2	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
150000
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

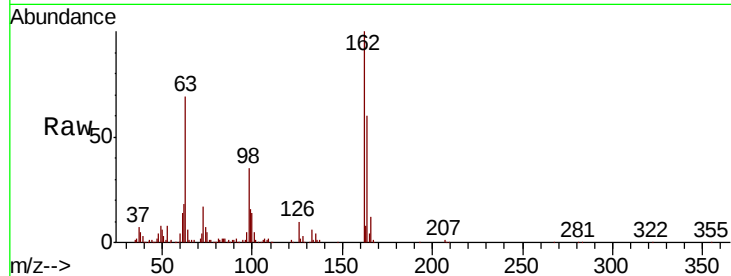




#29
 2,4-Dichlorophenol
 Concen: 43.701 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.1	43.4	83.4
98	34.6	17.0	57.0

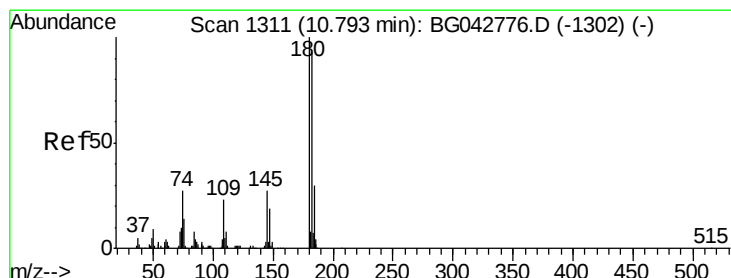
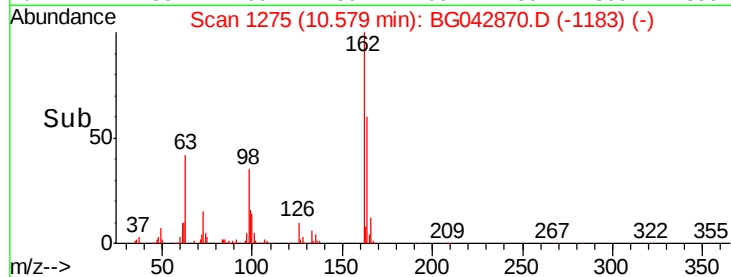
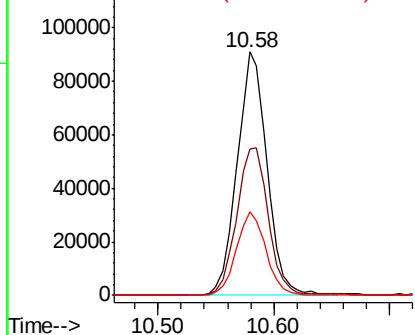


Abundance

Ion 162.00 (161.70 to 162.70): E

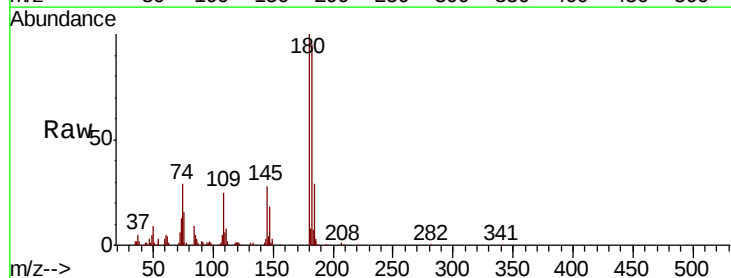
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.000 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.6	112.0
145	28.0	21.8	32.6

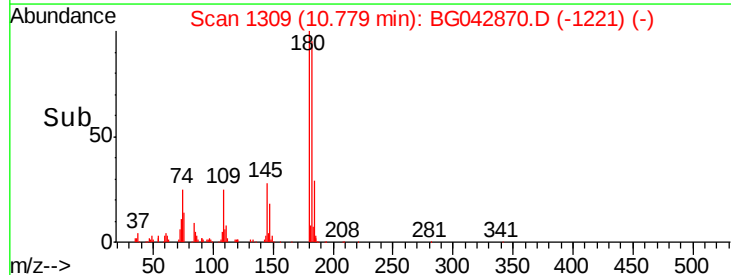
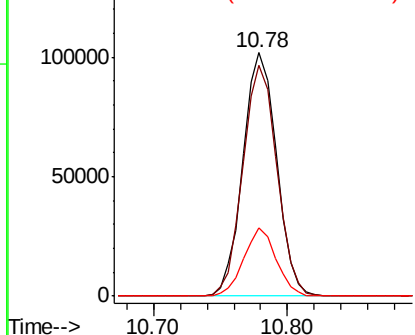


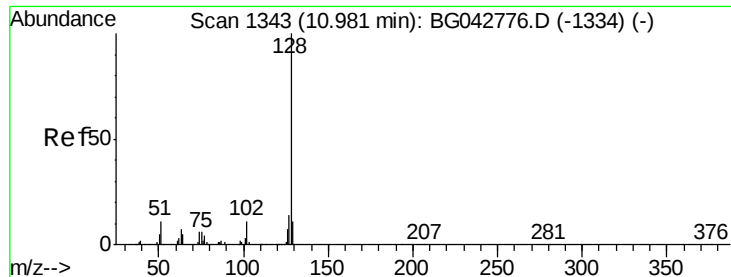
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

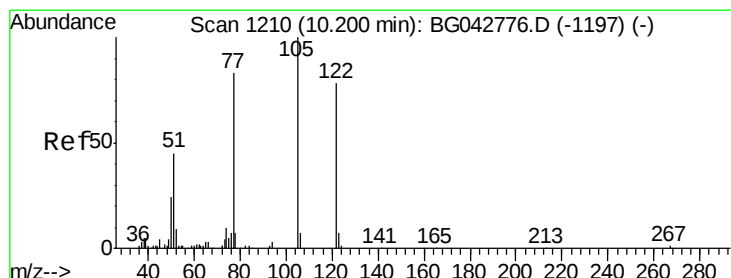
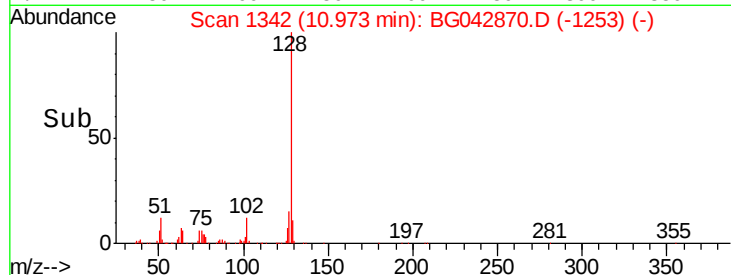
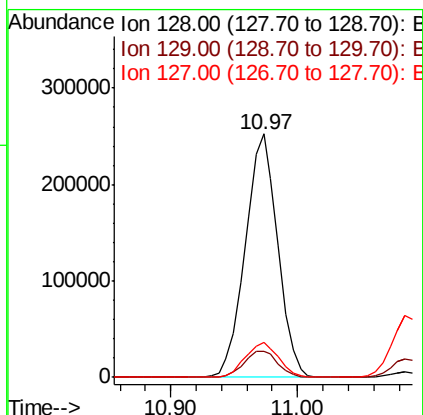
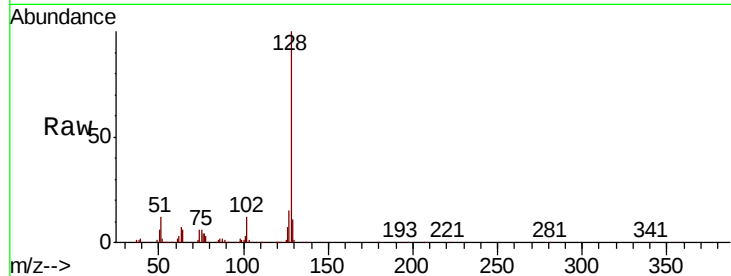




#31
Naphthalene
Concen: 39.676 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

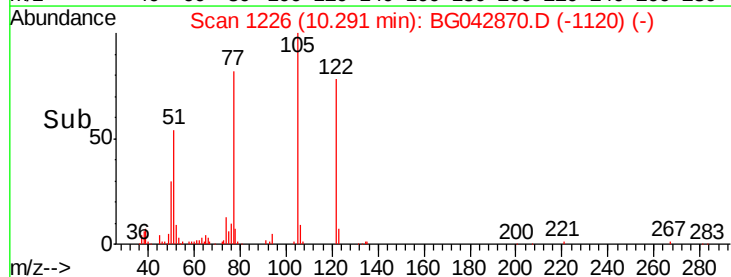
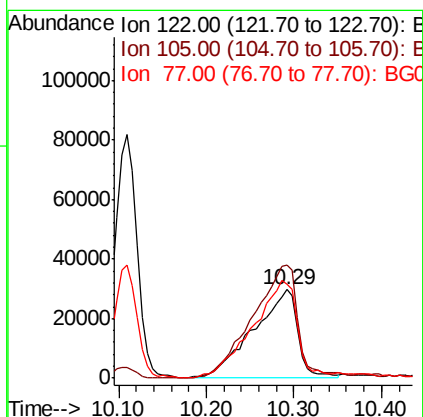
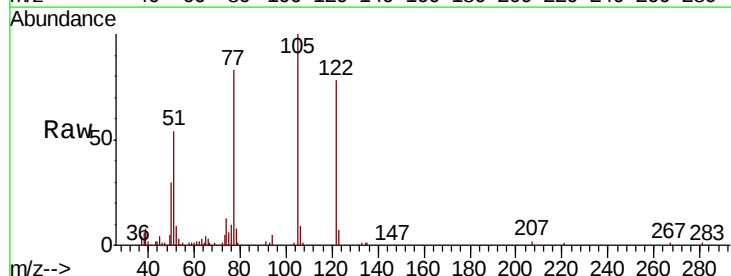
Instrument :
BNA_G
ClientSampleId :
PB123133BS

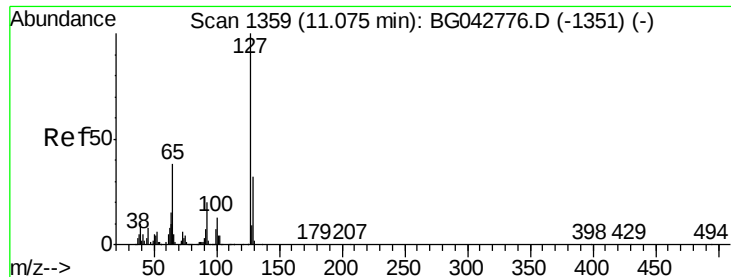
Tot Ion:128 Resp: 448421
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 14.5 11.4 17.2



#32
Benzoic acid
Concen: 40.355 ng
RT: 10.29 min Scan# 1226
Delta R.T. 0.09 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:122 Resp: 101963
Ion Ratio Lower Upper
122 100
105 127.5 104.0 144.0
77 106.2 84.2 124.2

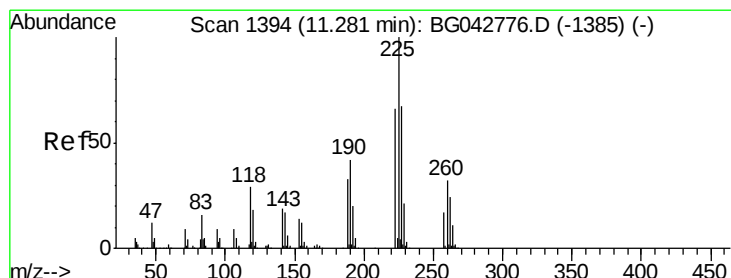
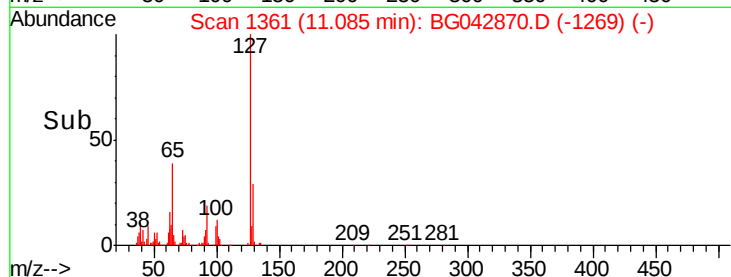
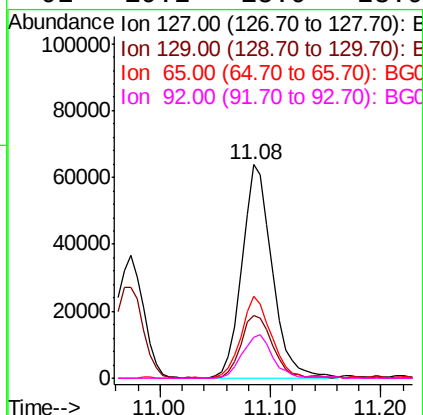
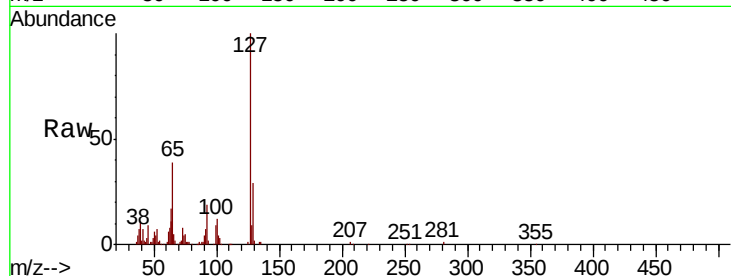




#33
4-Chloroaniline
Concen: 23.229 ng
RT: 11.08 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

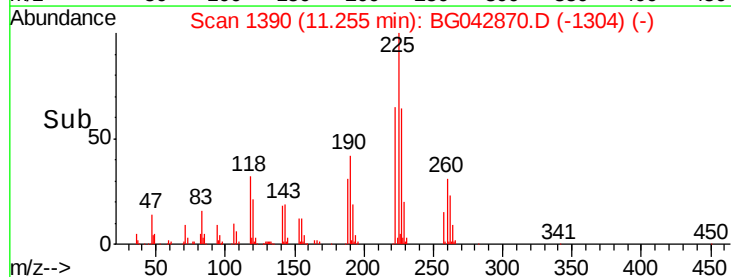
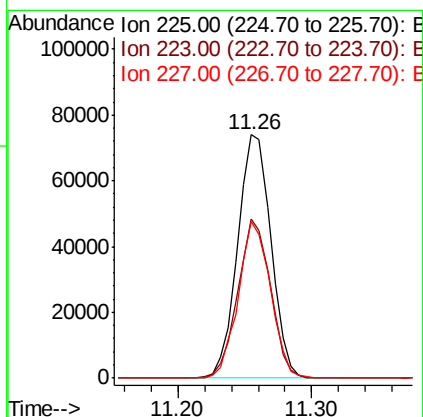
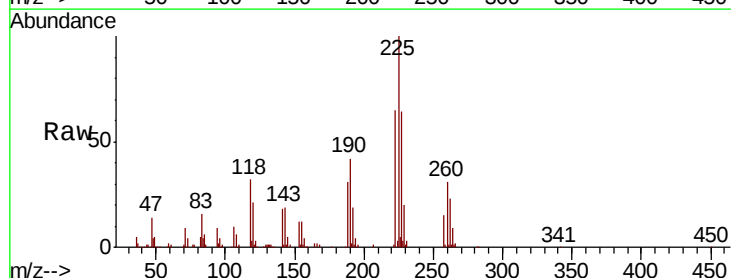
Instrument :
BNA_G
ClientSampleId :
PB123133BS

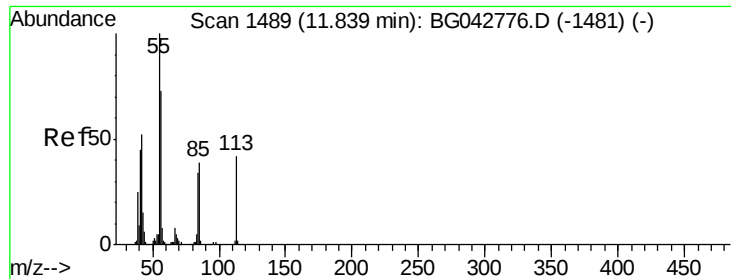
Tot Ion:	127	Resp:	122707
Ion	Ratio	Lower	Upper
127	100		
129	29.4	25.8	38.6
65	38.5	30.5	45.7
92	19.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 39.901 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:	225	Resp:	127328
Ion	Ratio	Lower	Upper
225	100		
223	65.5	52.6	79.0
227	64.4	53.6	80.4





#35

Caprolactam

Concen: 18.241 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.17 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

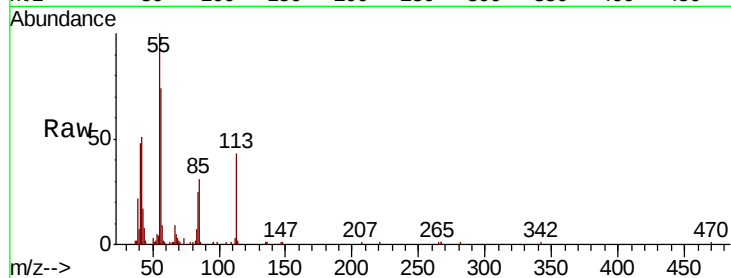
Tot Ion:113 Resp: 25304

Ion Ratio Lower Upper

113 100

55 233.7 218.4 258.4

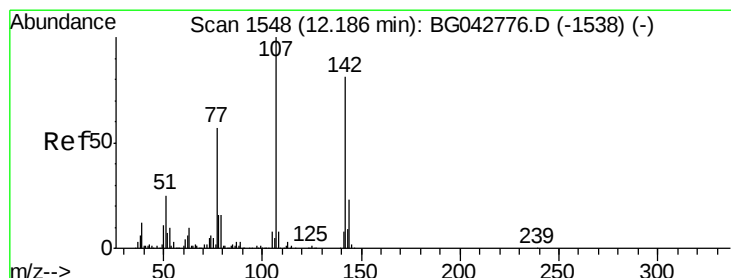
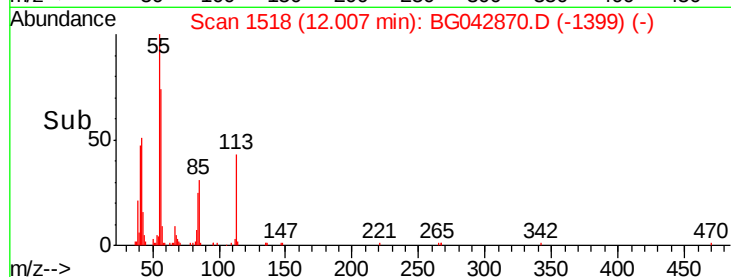
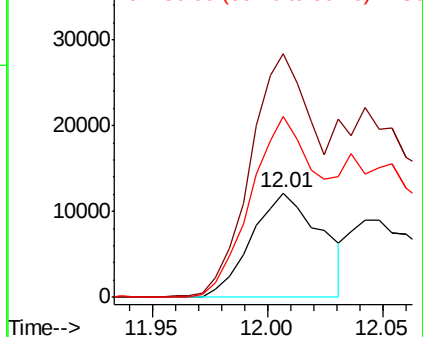
56 173.9 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.608 ng

RT: 12.22 min Scan# 1554

Delta R.T. 0.03 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

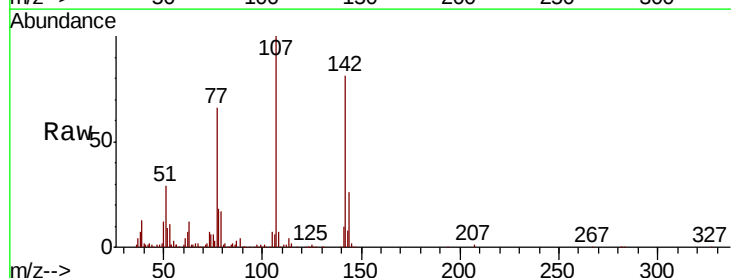
Tgt Ion:107 Resp: 176629

Ion Ratio Lower Upper

107 100

144 25.9 18.7 28.1

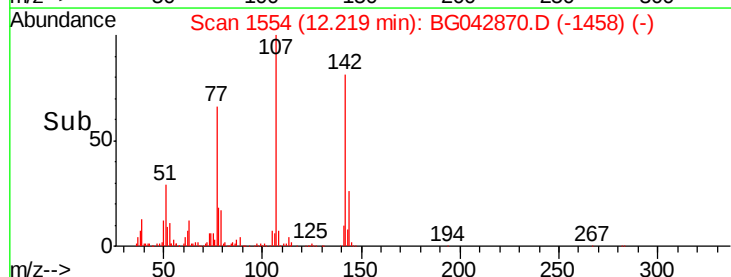
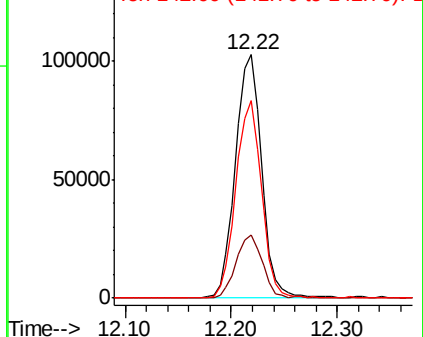
142 81.0 65.0 97.4

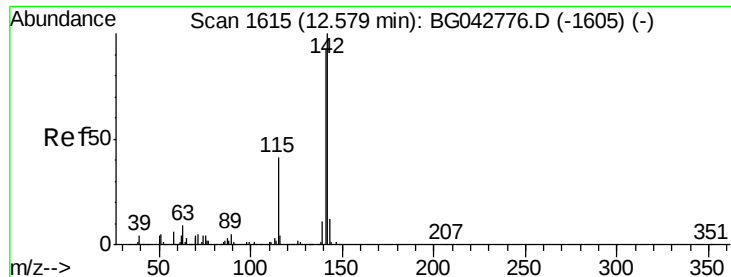


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

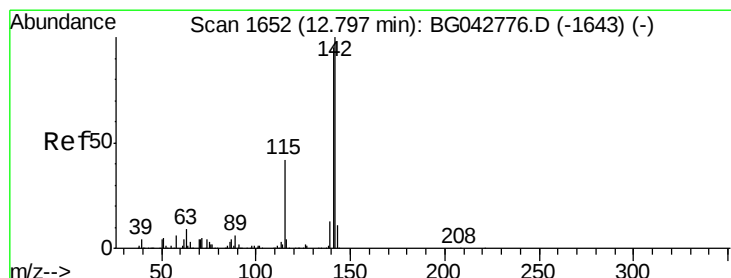
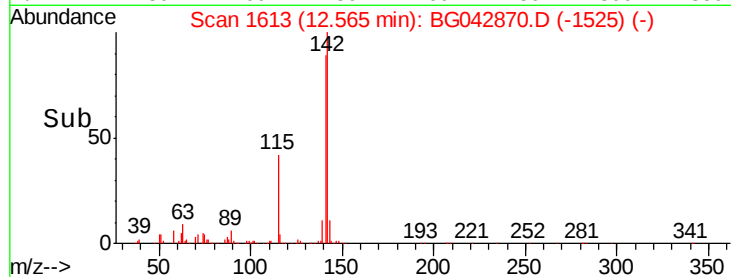
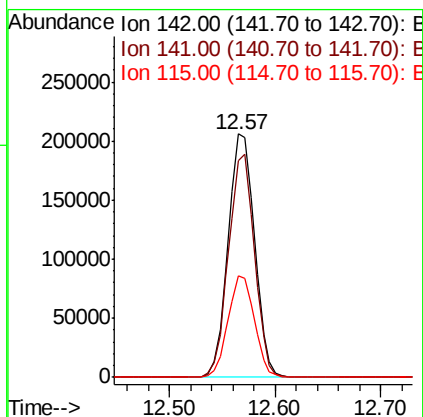
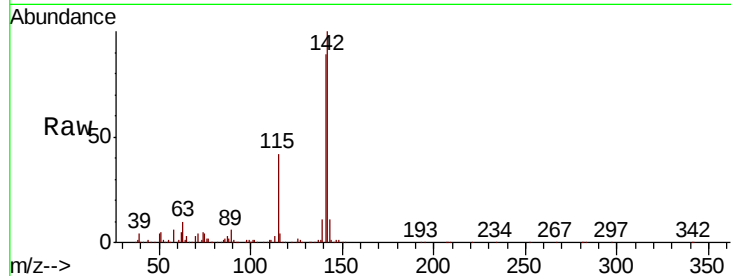




#37
2-Methylnaphthalene
Concen: 42.126 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

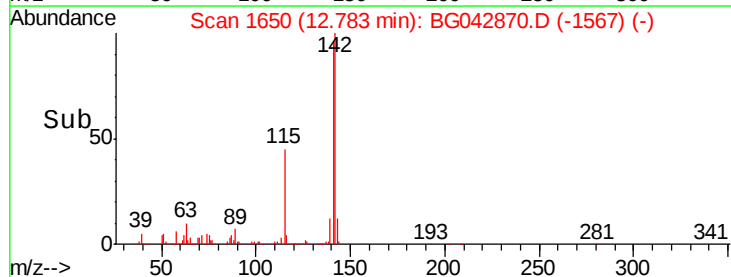
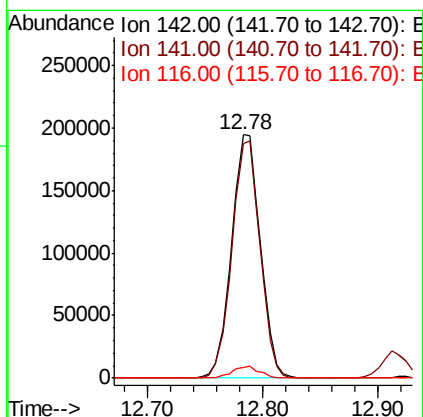
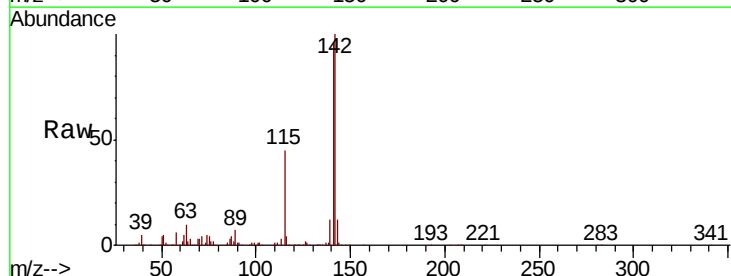
Instrument :
BNA_G
ClientSampleId :
PB123133BS

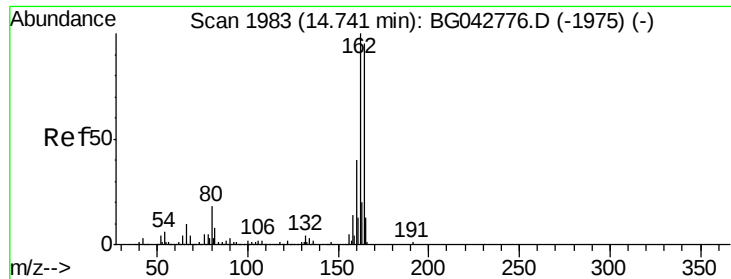
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.8	110.8
115	41.7	33.0	49.4



#38
1-Methylnaphthalene
Concen: 42.208 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	76.3	114.5
116	4.4	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

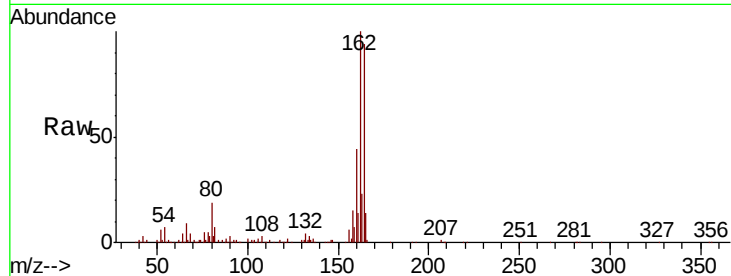
Tot Ion:164 Resp: 177009

Ion Ratio Lower Upper

164 100

162 106.9 84.6 126.8

160 47.2 34.2 51.2

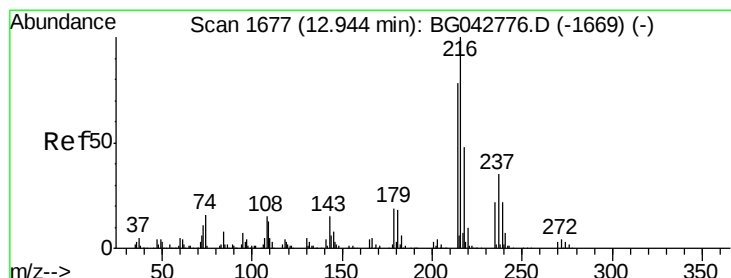
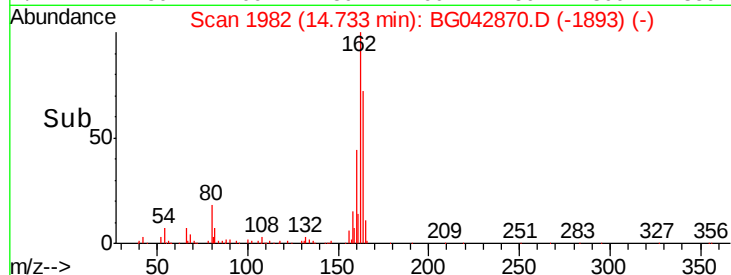
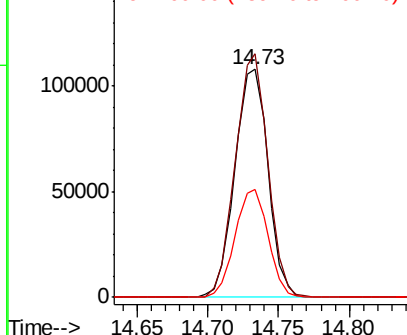


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.331 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Tgt Ion:216 Resp: 235902

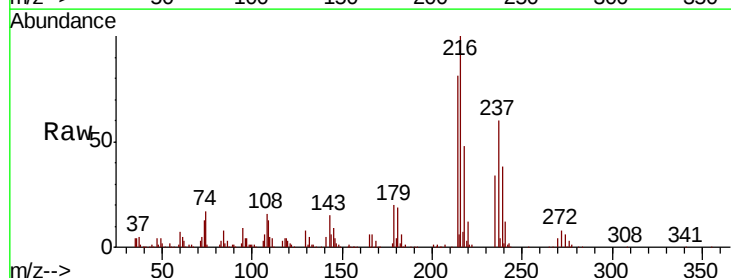
Ion Ratio Lower Upper

216 100

214 79.8 62.8 94.2

179 19.8 15.3 22.9

108 17.6 12.9 19.3



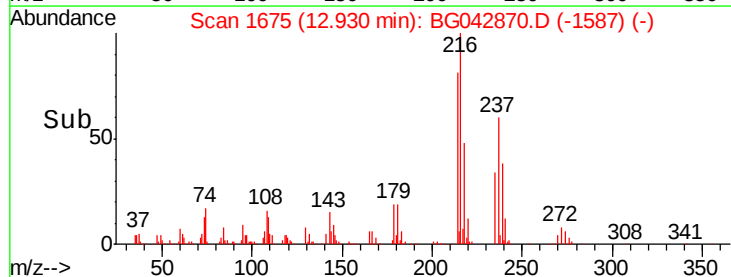
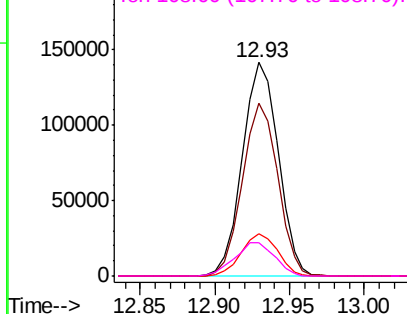
Abundance

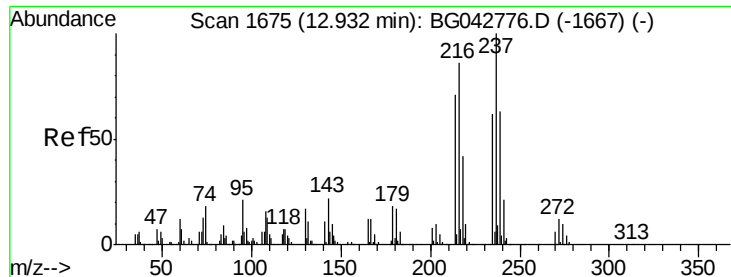
Ion 216.00 (215.70 to 216.70): E

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: 102.217 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

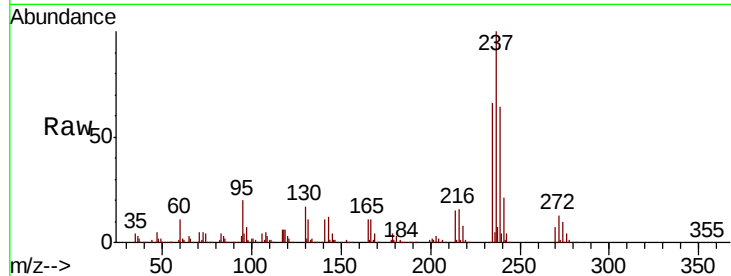
Tot Ion:237 Resp: 342511

Ion Ratio Lower Upper

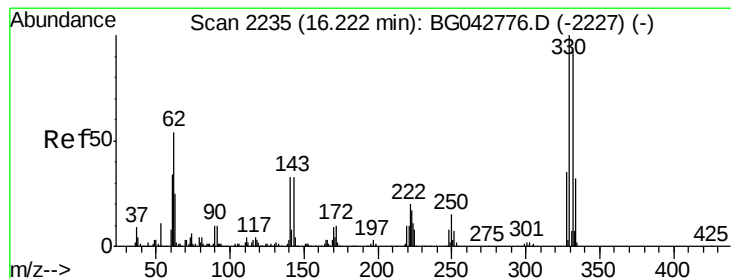
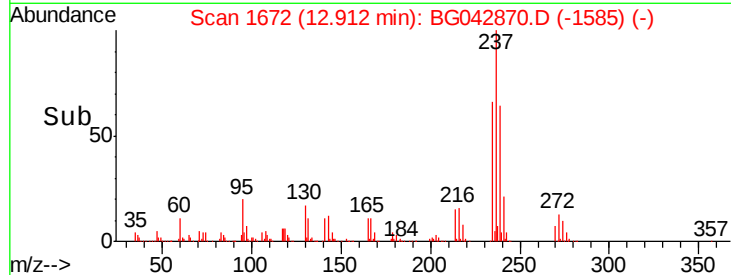
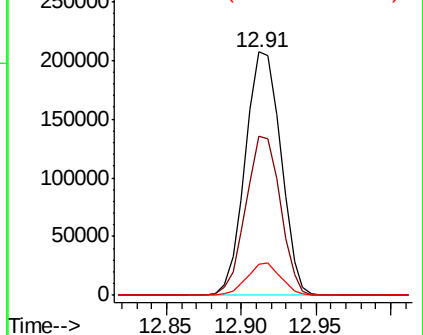
237 100

235 65.6 41.9 81.9

272 12.8 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.708 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

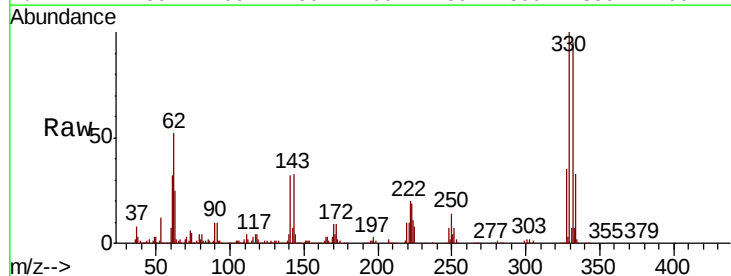
Tgt Ion:330 Resp: 305459

Ion Ratio Lower Upper

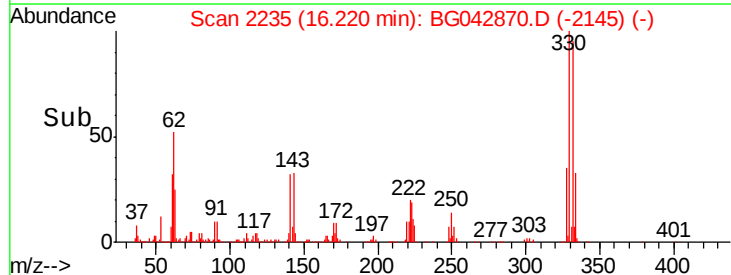
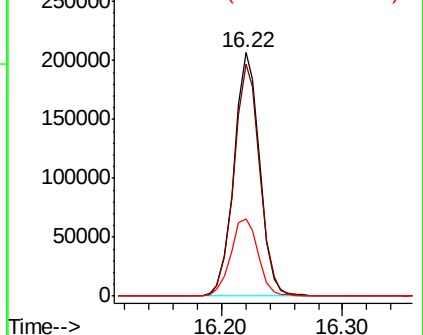
330 100

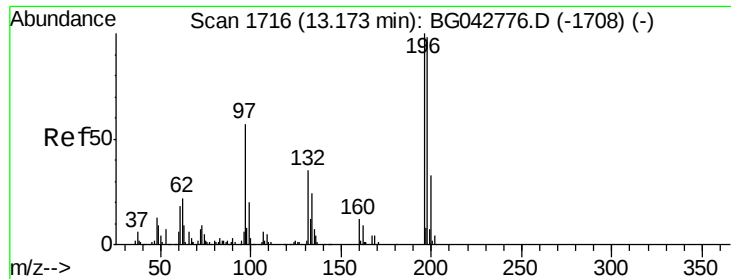
332 96.6 76.7 115.1

141 34.1 27.0 40.6



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

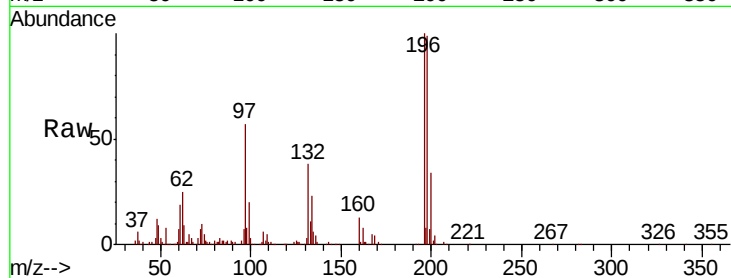




#43
 2,4,6-Trichlorophenol
 Concen: 41.833 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

Tot Ion	196	Resp	162902
Ion Ratio	Lower	Upper	
196	100		
198	98.6	78.8	118.2
200	34.4	26.2	39.4

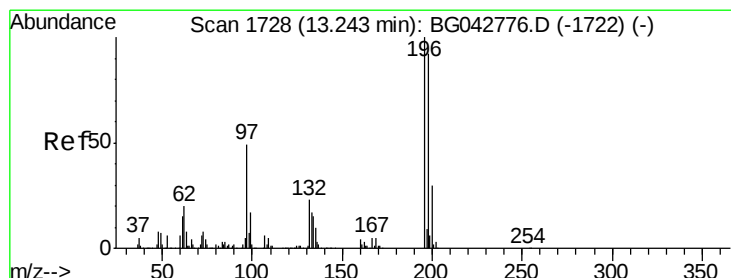
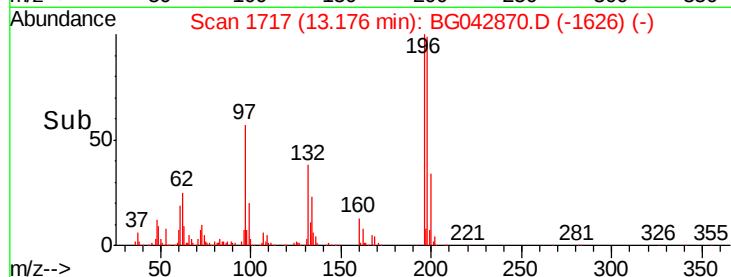
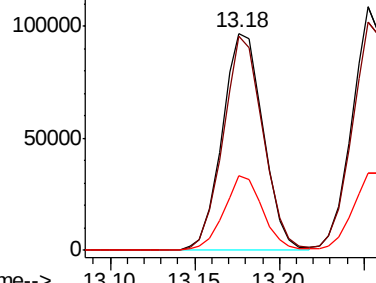


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.011 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	196	Resp	179536
Ion Ratio	Lower	Upper	
196	100		
198	93.9	73.4	110.0
97	45.5	39.2	58.8
132	23.2	18.7	28.1

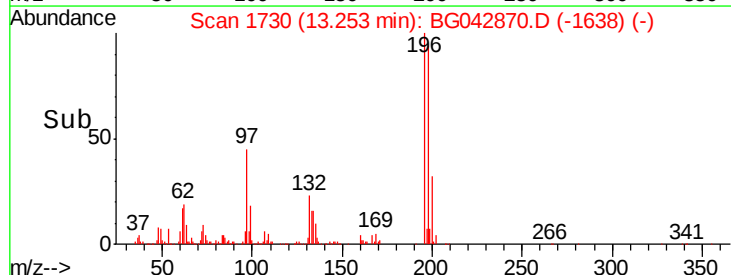
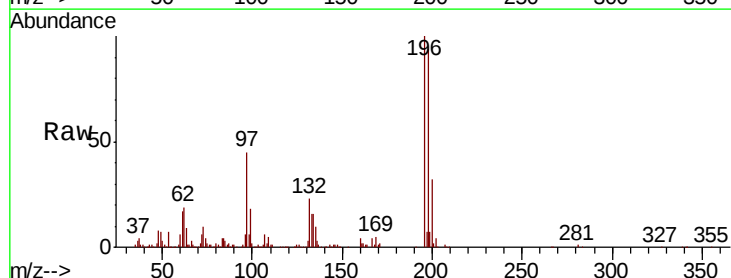
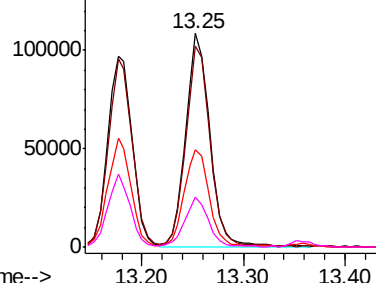
Abundance

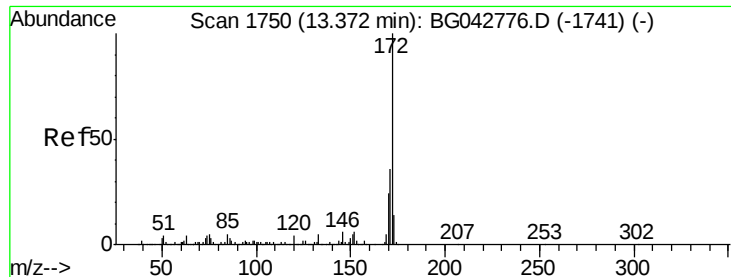
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

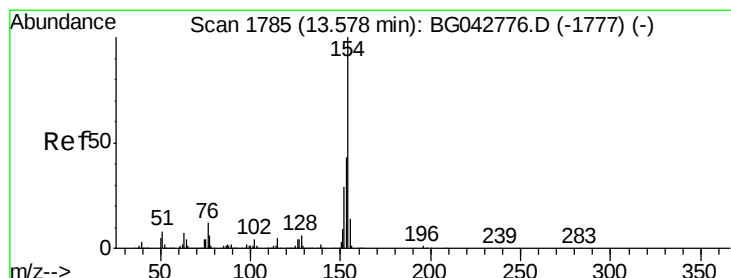
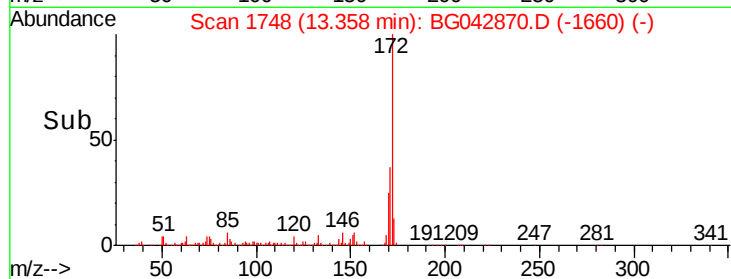
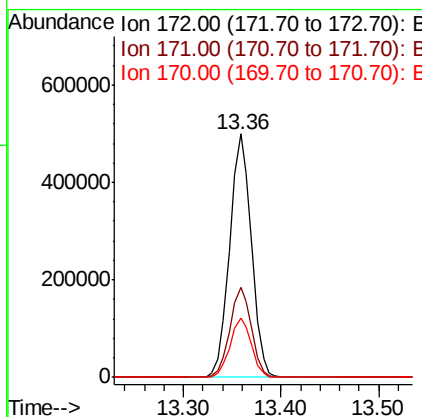
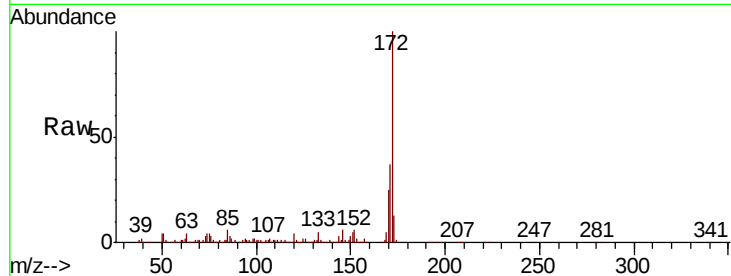




#45
2-Fluorobiphenyl
Concen: 68.697 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

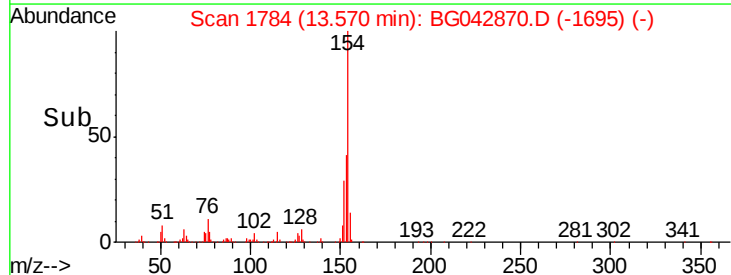
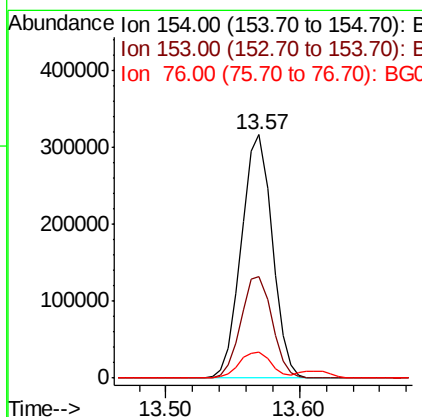
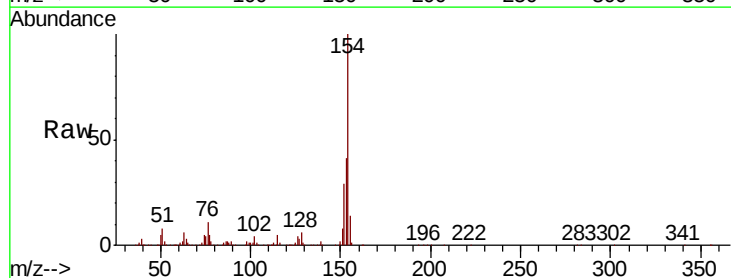
Instrument :
BNA_G
ClientSampleId :
PB123133BS

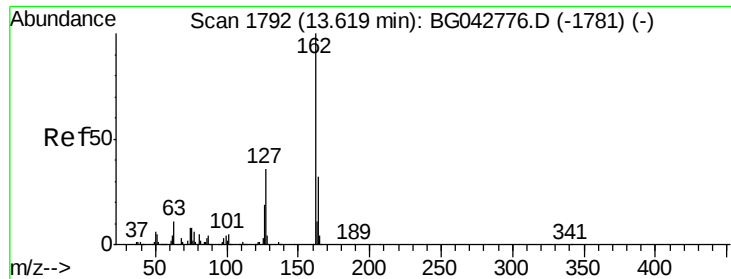
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.6	19.1	28.7



#46
1,1'-Biphenyl
Concen: 40.896 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.6	62.6
76	10.8	0.0	32.2

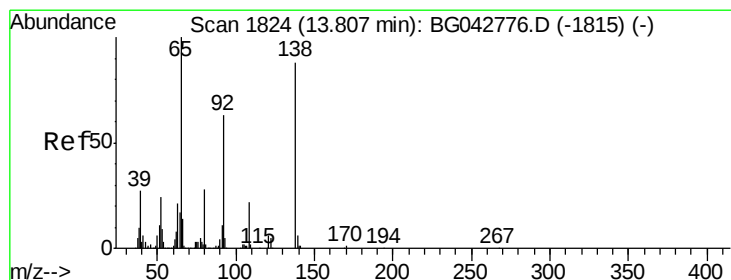
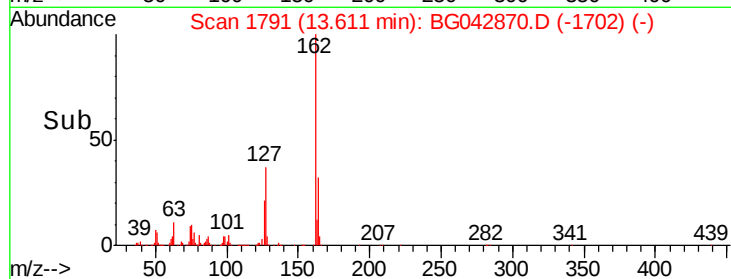
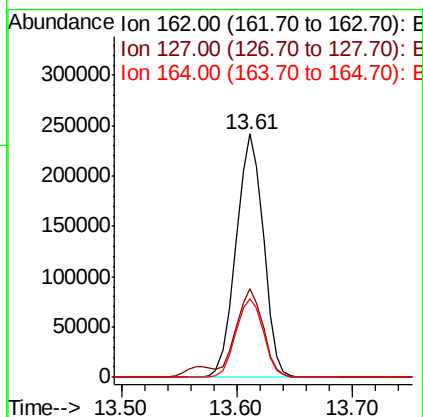
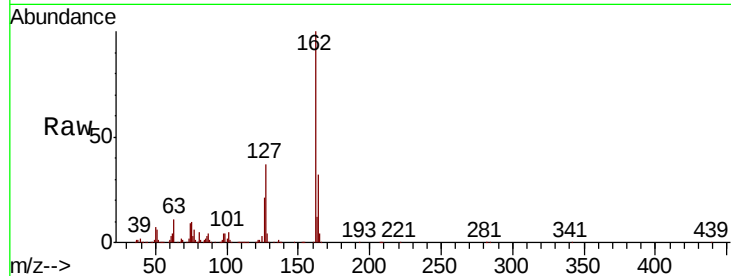




#47
 2-Chloronaphthalene
 Concen: 38.536 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

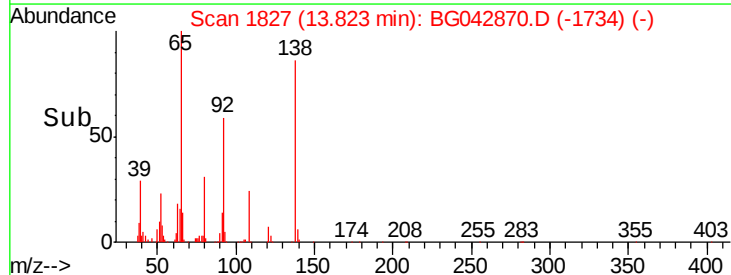
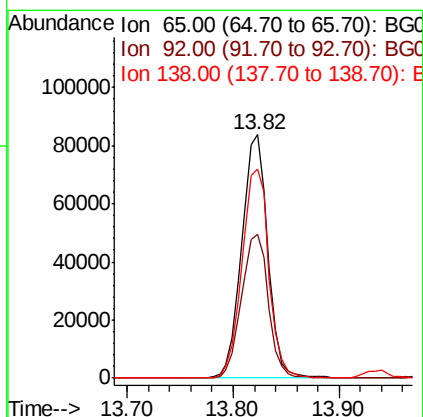
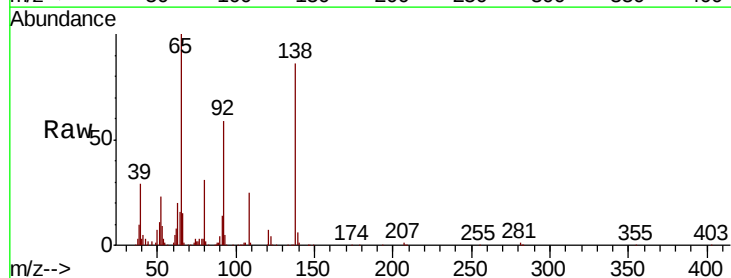
Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

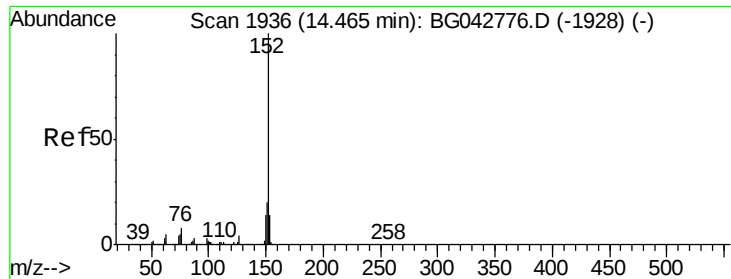
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	29.3	43.9
164	32.3	26.0	39.0



#48
 2-Nitroaniline
 Concen: 40.358 ng
 RT: 13.82 min Scan# 1827
 Delta R.T. 0.02 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.0	50.4	75.6
138	85.9	70.6	106.0





#49

Acenaphthylene

Concen: 41.654 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

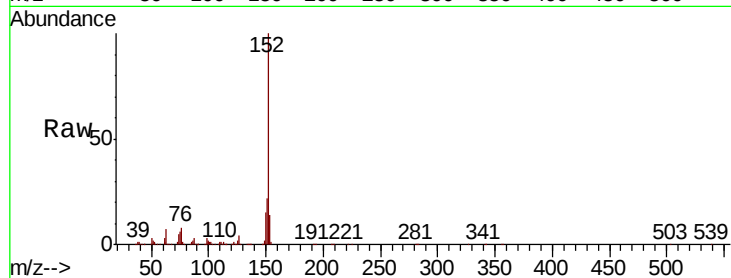
Tot Ion:152 Resp: 652503

Ion Ratio Lower Upper

152 100

151 21.6 16.0 24.0

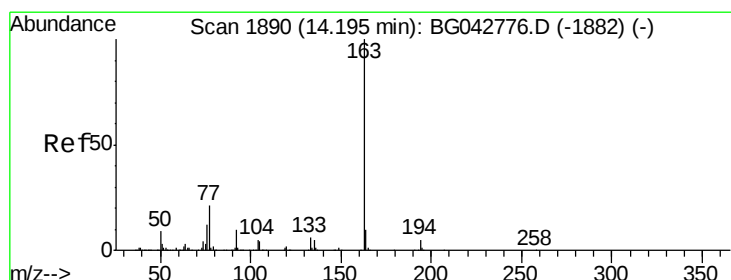
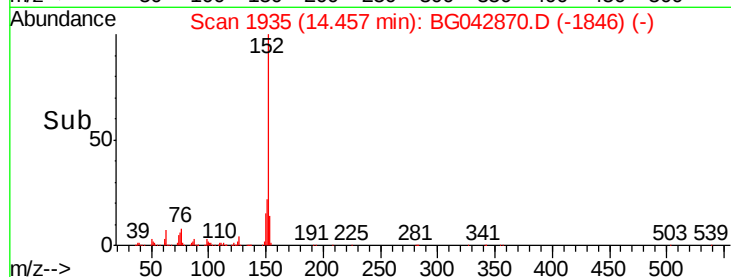
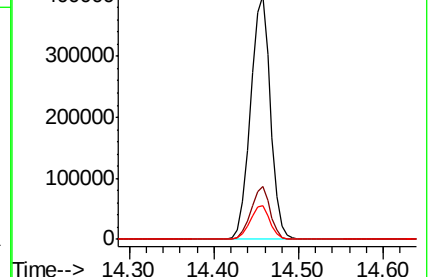
153 13.8 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.016 ng

RT: 14.20 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

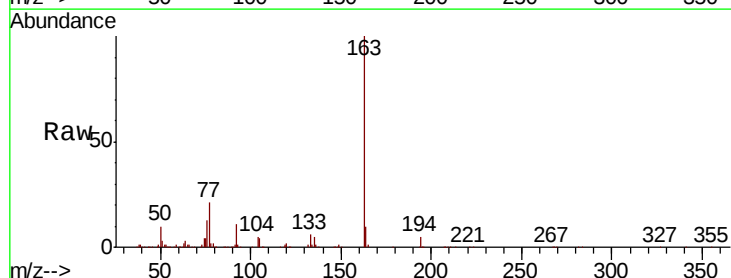
Tgt Ion:163 Resp: 530623

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.4

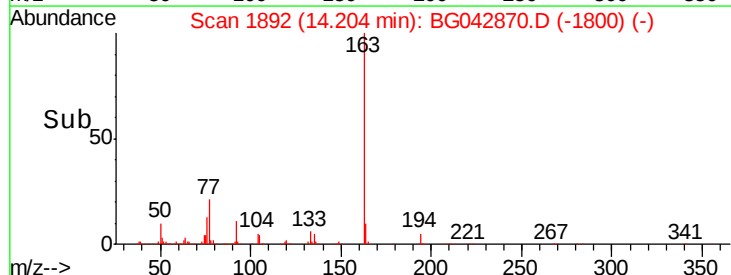
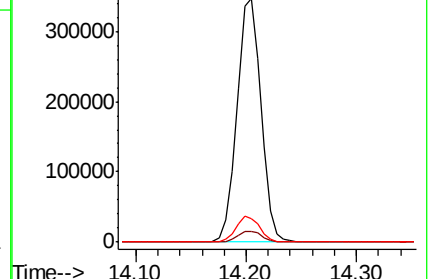
164 9.8 8.4 12.6



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: 45.107 ng

RT: 14.30 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

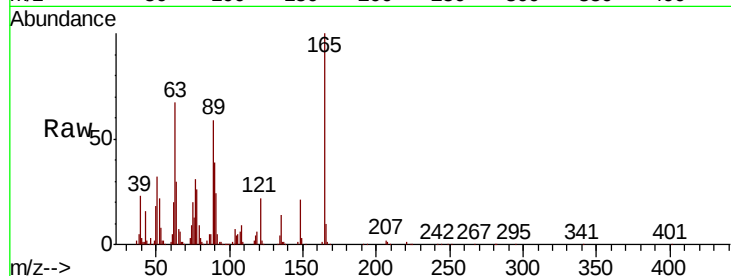
Tot Ion:165 Resp: 122730

Ion Ratio Lower Upper

165 100

63 66.7 52.1 78.1

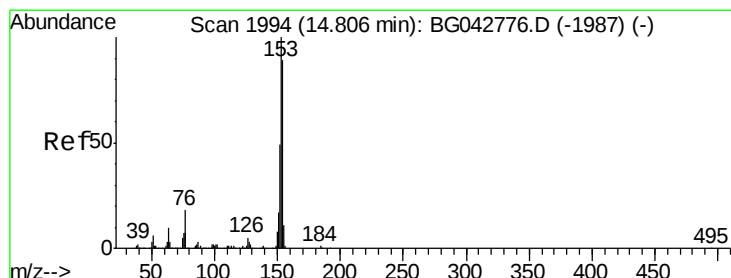
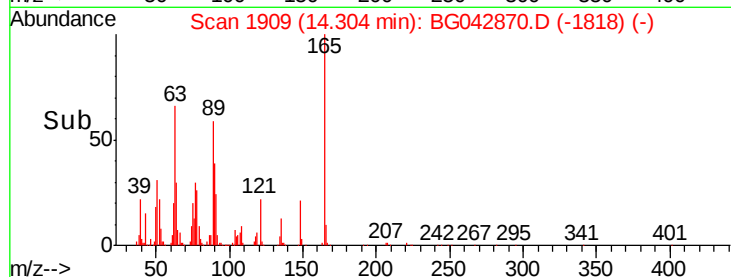
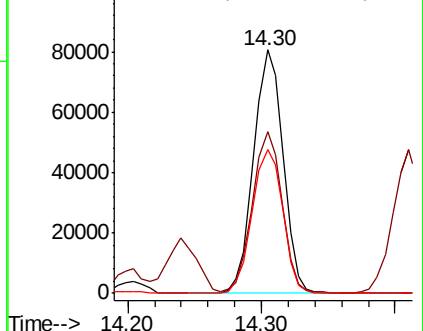
89 58.9 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.606 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

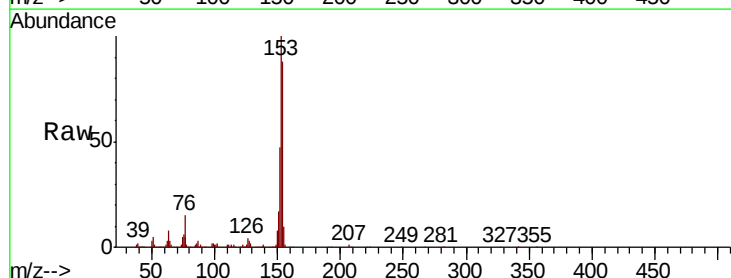
Tgt Ion:154 Resp: 384858

Ion Ratio Lower Upper

154 100

153 113.7 89.4 134.2

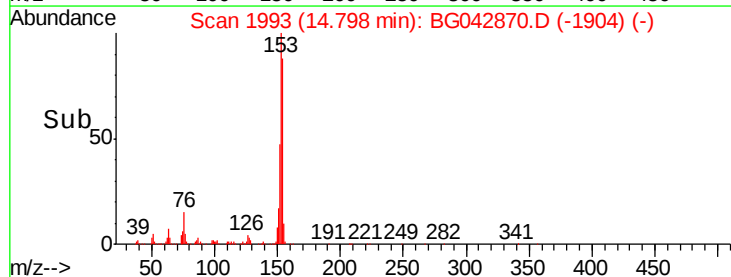
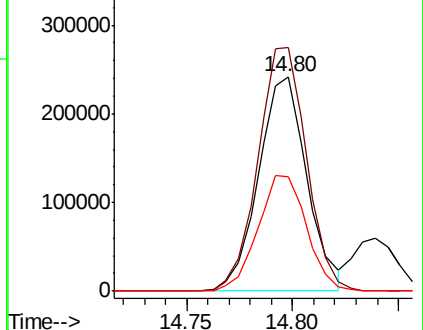
152 53.2 43.5 65.3

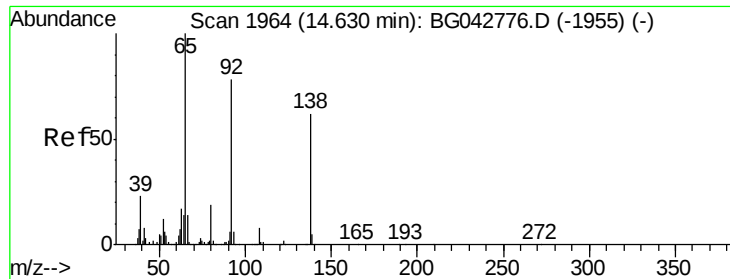


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.581 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

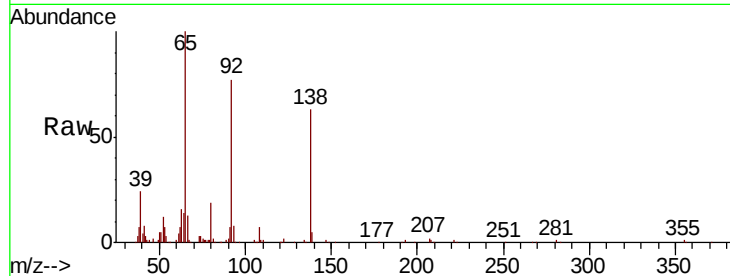
Tot Ion:138 Resp: 84223

Ion Ratio Lower Upper

138 100

108 10.9 10.7 16.1

92 122.6 100.5 150.7

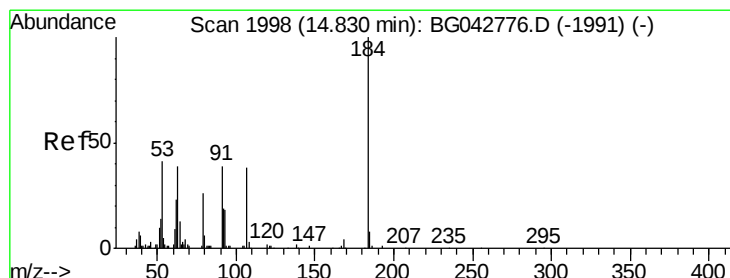
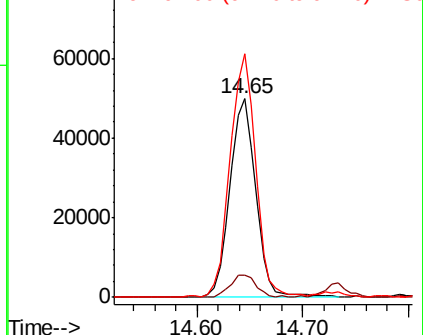
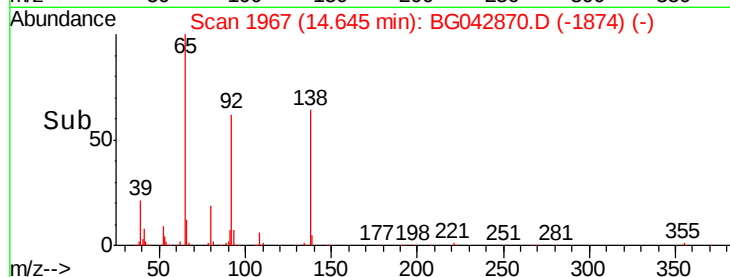


Abundance

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: 114.828 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

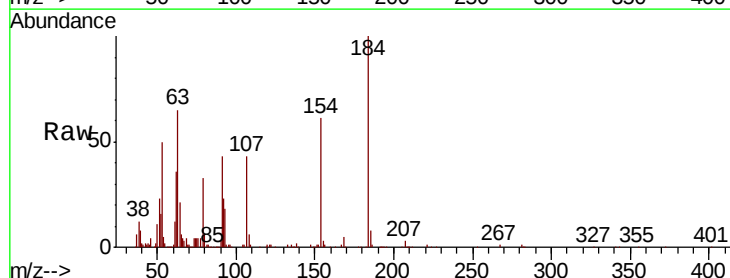
Tgt Ion:184 Resp: 153806

Ion Ratio Lower Upper

184 100

63 65.5 46.2 69.4

154 61.3 81.3 121.9#

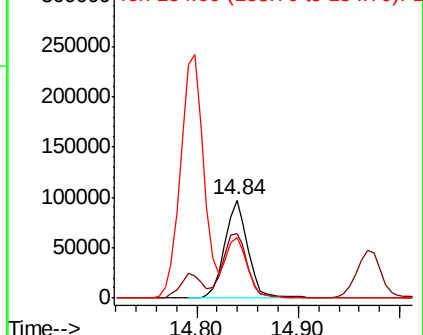
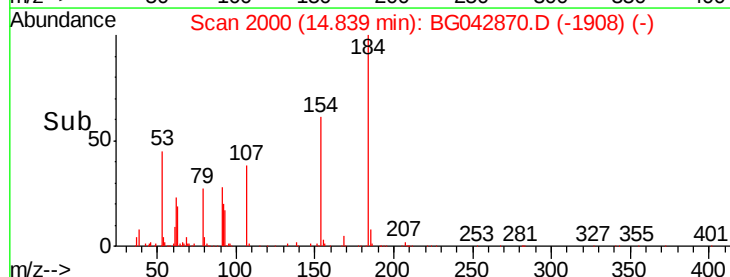


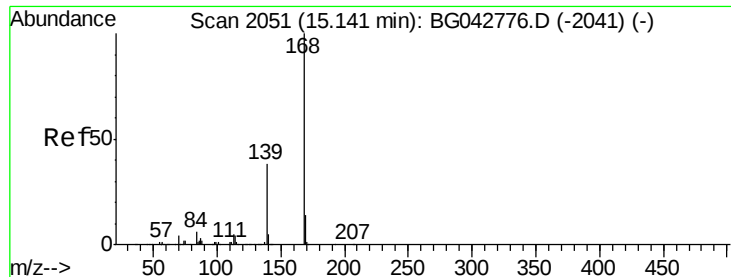
Abundance

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: 42.076 ng

RT: 15.13 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

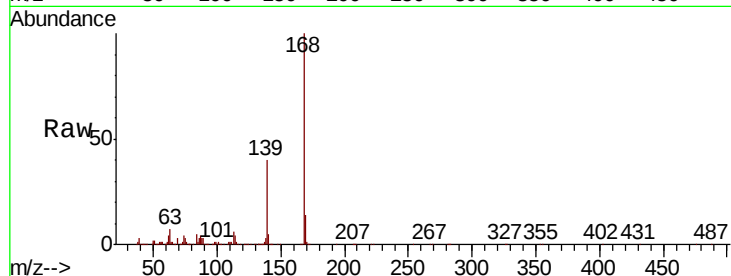
Tot Ion:168 Resp: 640034

Ion Ratio Lower Upper

168 100

139 40.0 30.2 45.4

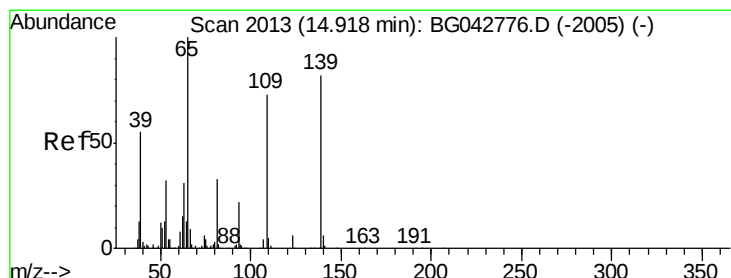
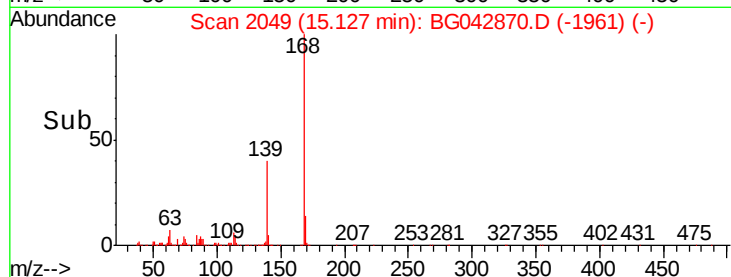
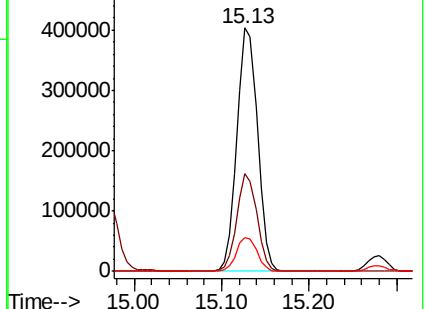
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 86.805 ng

RT: 14.97 min Scan# 2022

Delta R.T. 0.05 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

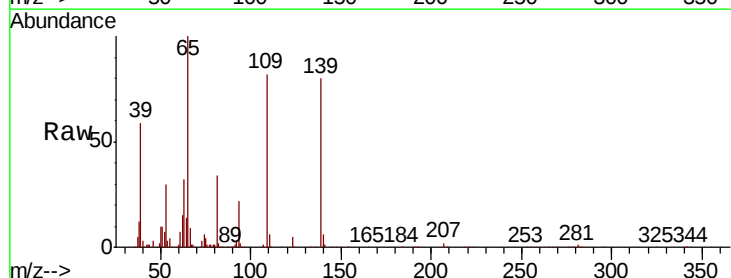
Tgt Ion:139 Resp: 204954

Ion Ratio Lower Upper

139 100

109 102.4 69.4 109.4

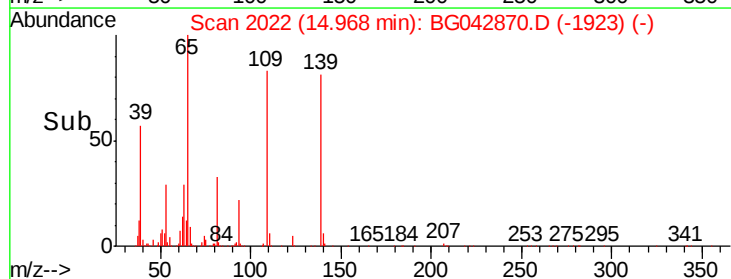
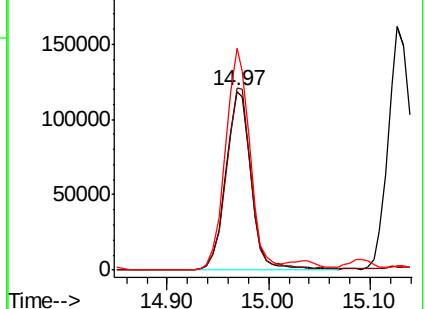
65 124.2 102.5 142.5

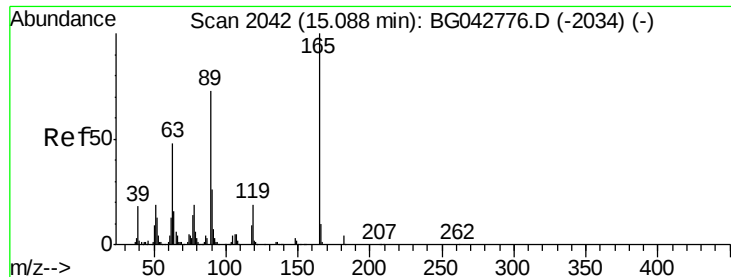


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

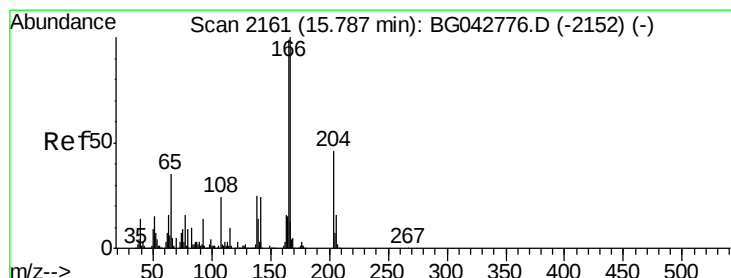
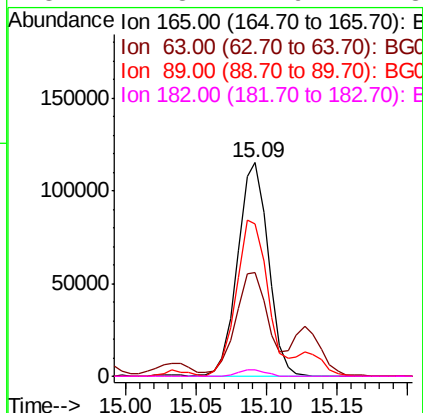
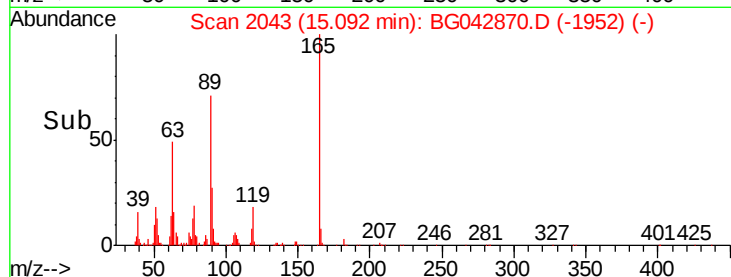
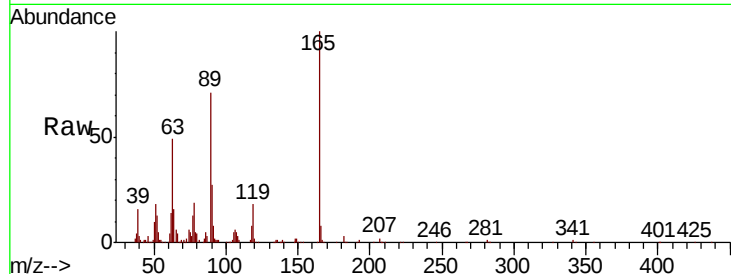




#57
2,4-Dinitrotoluene
Concen: 47.865 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

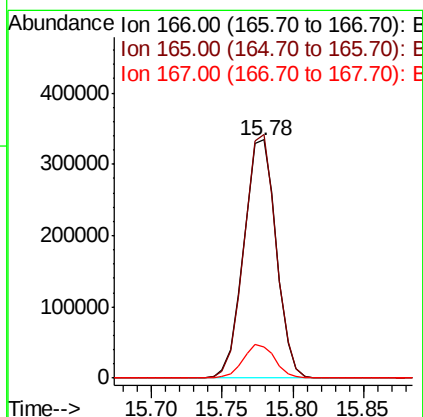
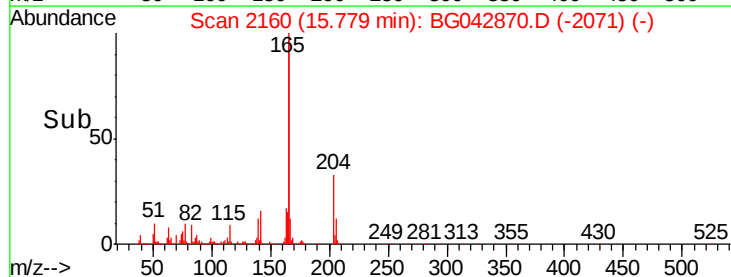
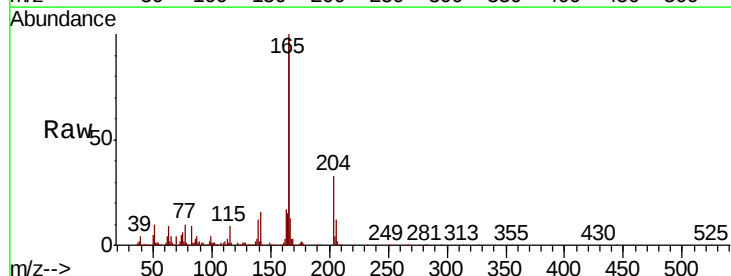
Instrument :
BNA_G
ClientSampleId :
PB123133BS

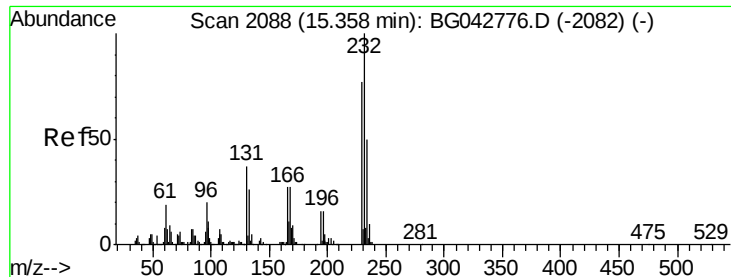
Tot Ion:165 Resp: 173591
Ion Ratio Lower Upper
165 100
63 48.8 38.3 57.5
89 71.0 58.4 87.6
182 2.8 2.9 4.3#



#58
Fluorene
Concen: 42.799 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:166 Resp: 539553
Ion Ratio Lower Upper
166 100
165 102.3 79.1 118.7
167 13.1 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.020 ng

RT: 15.36 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

Tot Ion:232 Resp: 189541

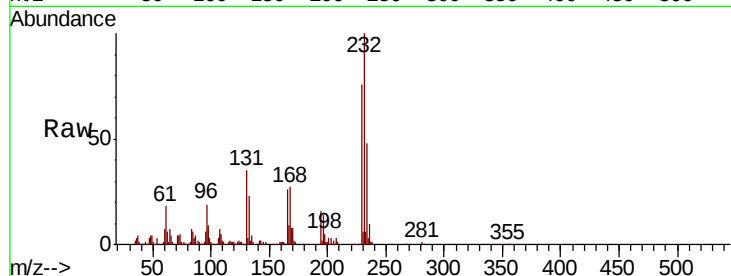
Ion Ratio Lower Upper

232 100

131 37.4 31.1 46.7

130 2.2 1.8 2.6

166 25.9 21.7 32.5

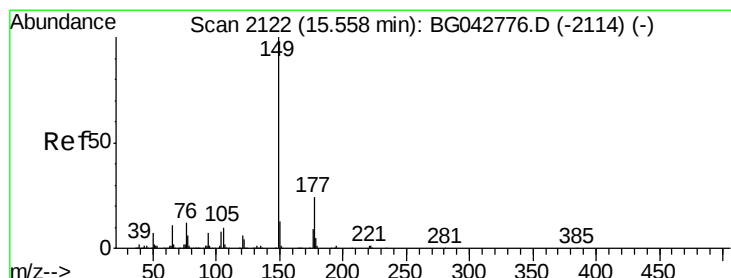
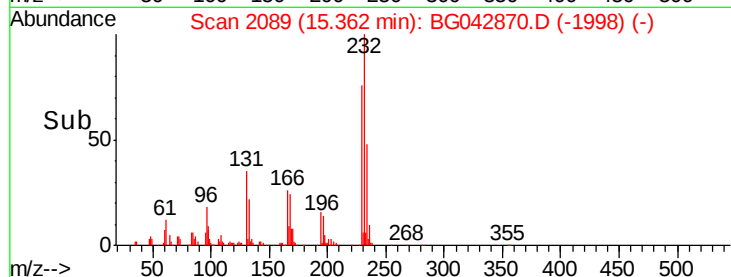
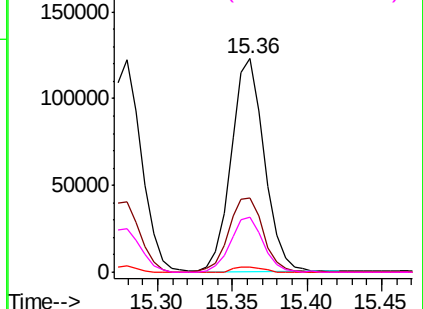


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.587 ng

RT: 15.56 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

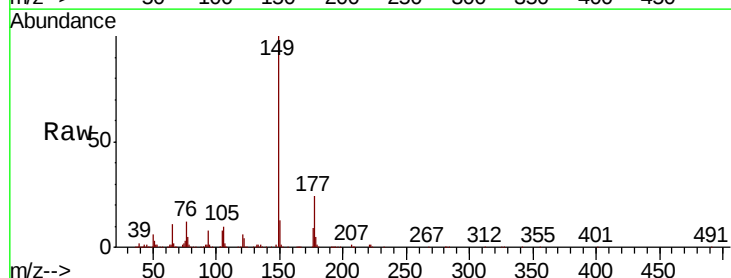
Tgt Ion:149 Resp: 546300

Ion Ratio Lower Upper

149 100

177 24.0 19.4 29.0

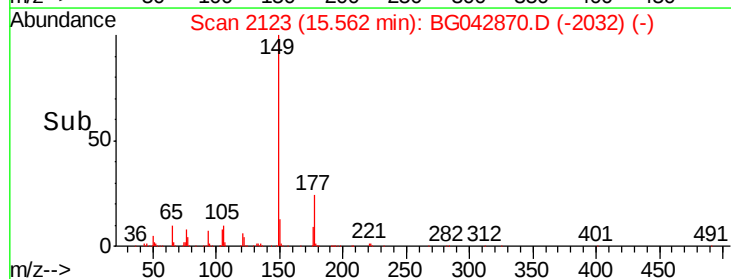
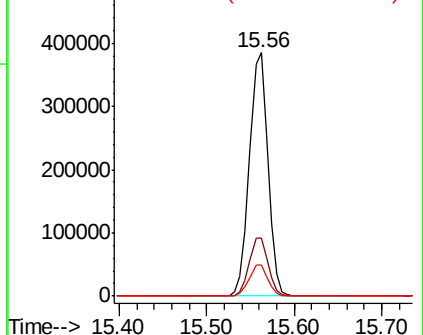
150 12.8 10.2 15.4

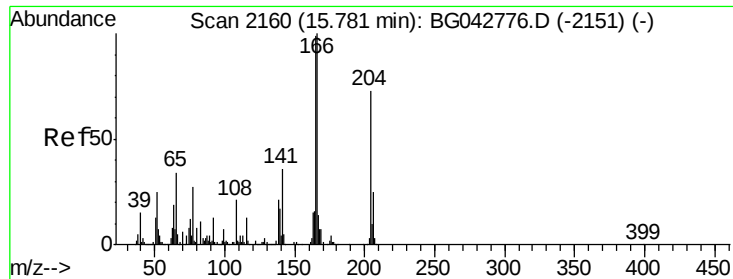


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

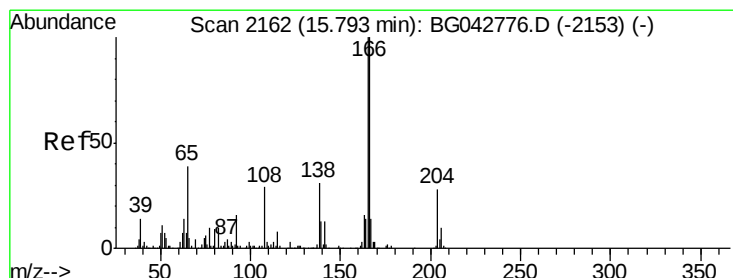
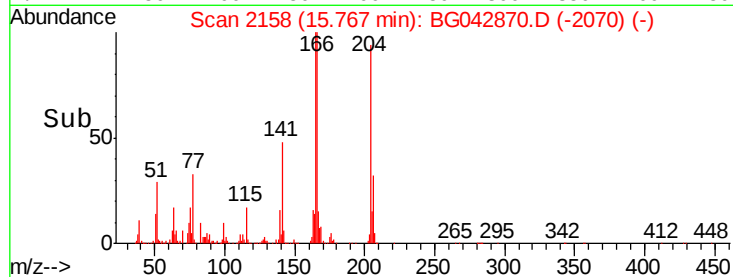
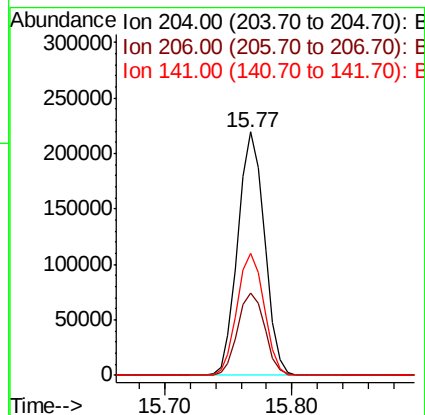
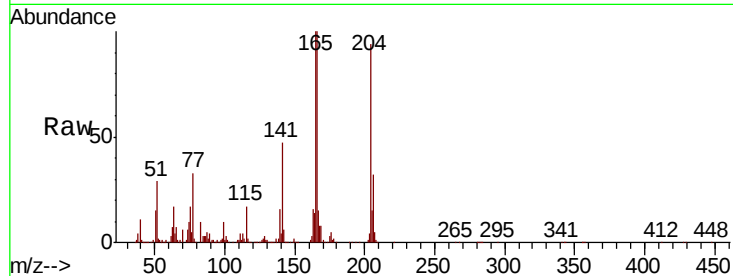




#61
4-Chlorophenyl-phenylether
Concen: 42.817 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

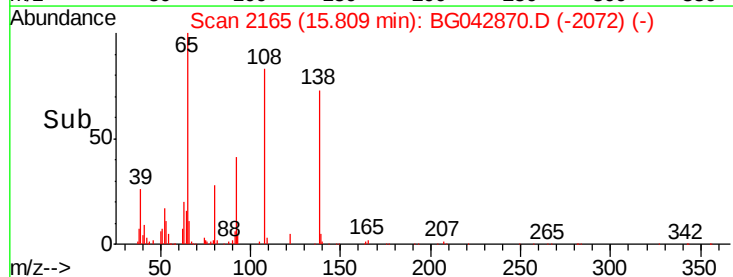
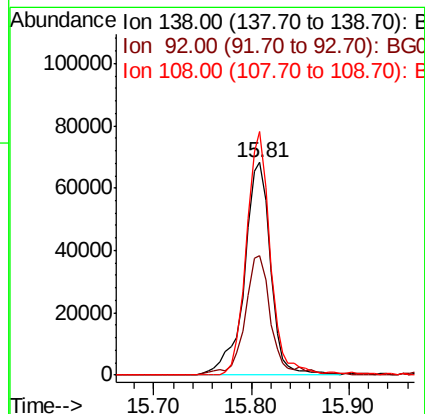
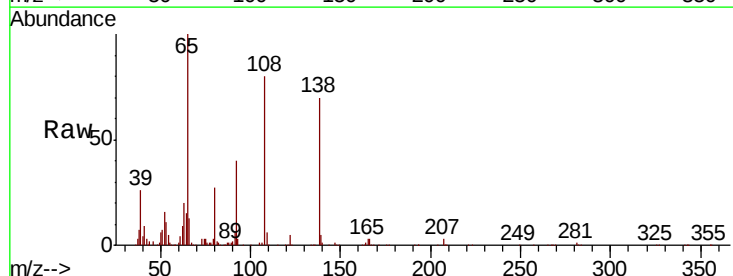
Instrument :
BNA_G
ClientSampleId :
PB123133BS

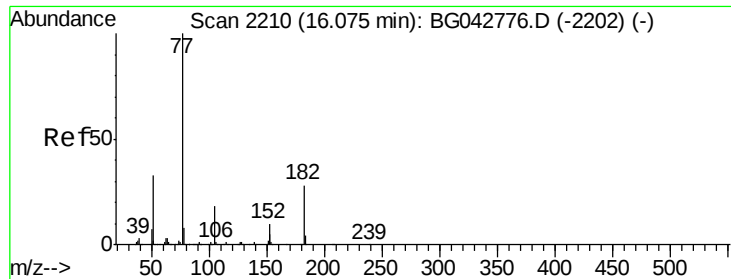
Tot Ion:204 Resp: 319157
Ion Ratio Lower Upper
204 100
206 33.6 27.6 41.4
141 50.4 39.8 59.6



#62
4-Nitroaniline
Concen: 38.822 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.02 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:138 Resp: 127784
Ion Ratio Lower Upper
138 100
92 56.2 31.4 71.4
108 114.4 74.8 114.8

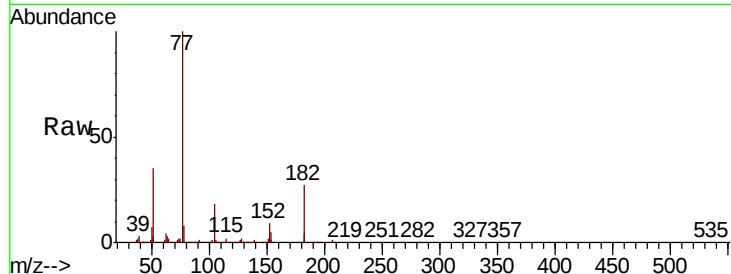




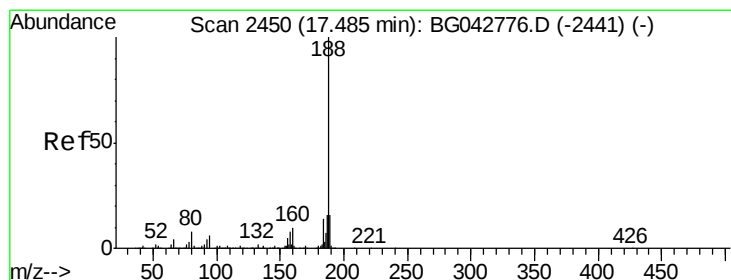
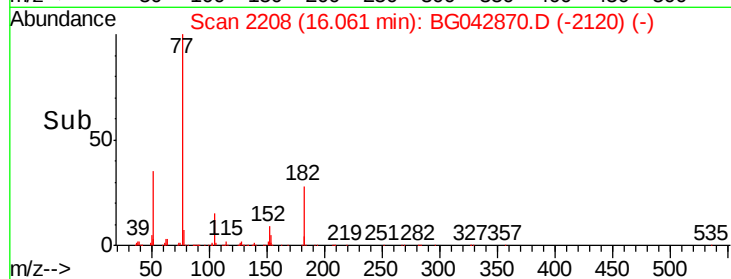
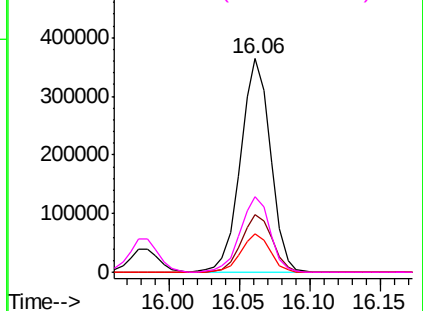
#63
Azobenzene
Concen: 41.527 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion:	77	Resp:	538261
Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.1	48.1
105	17.9	0.0	38.1
51	35.1	12.9	52.9

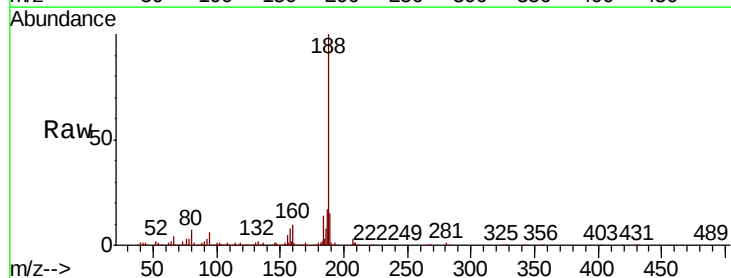


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

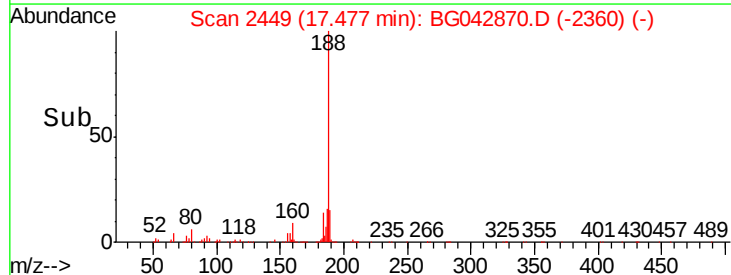
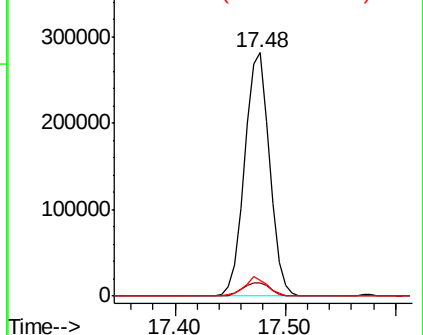


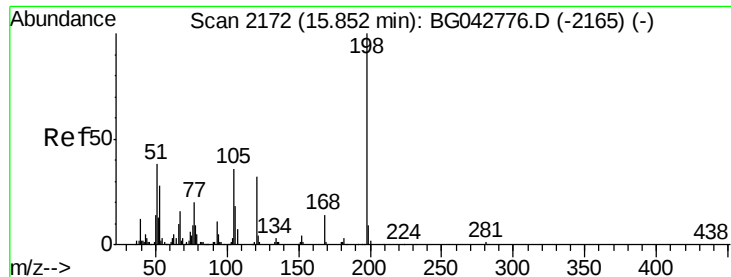
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:	188	Resp:	445969
Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.8	7.2
80	6.5	6.6	9.8#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 59.882 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

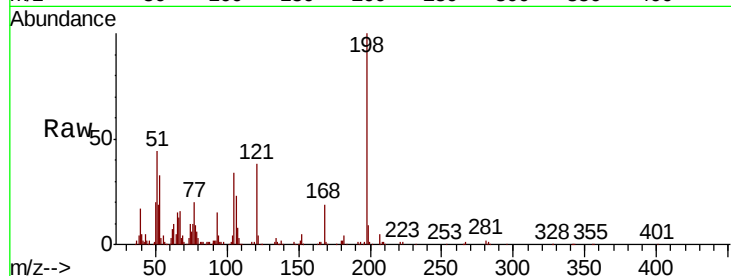
Tot Ion:198 Resp: 114268

Ion Ratio Lower Upper

198 100

51 43.7 20.9 60.9

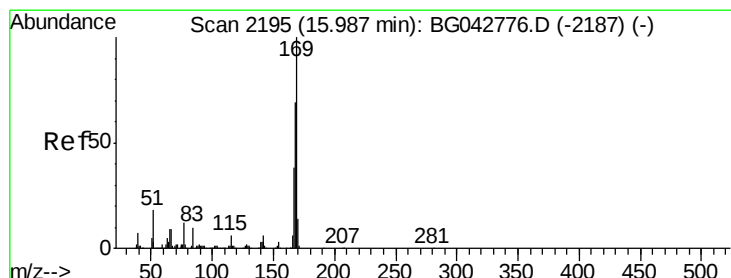
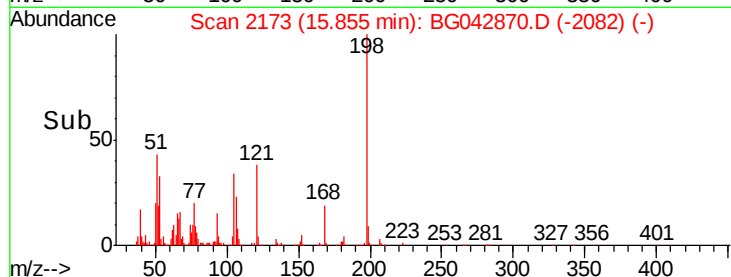
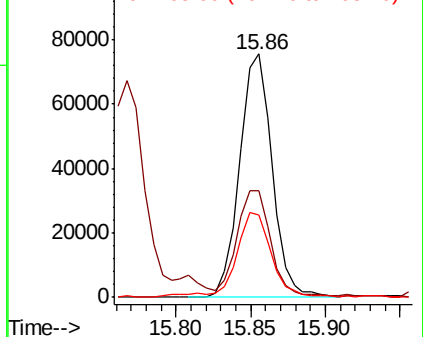
105 34.1 16.4 56.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.695 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

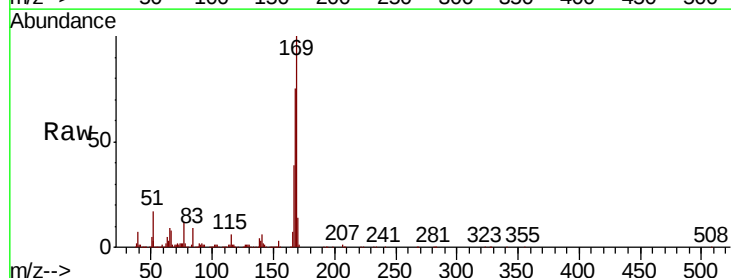
Tgt Ion:169 Resp: 488365

Ion Ratio Lower Upper

169 100

168 74.6 55.4 83.2

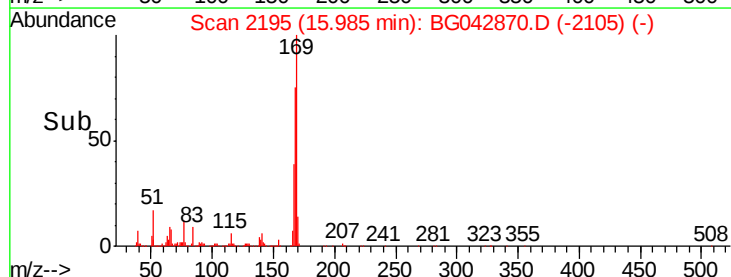
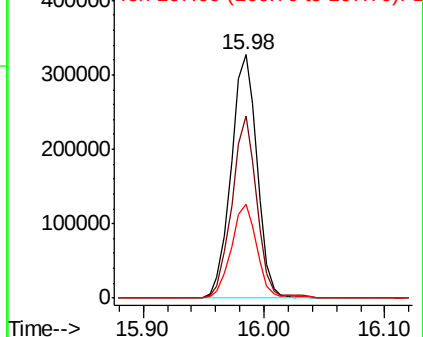
167 38.6 30.4 45.6

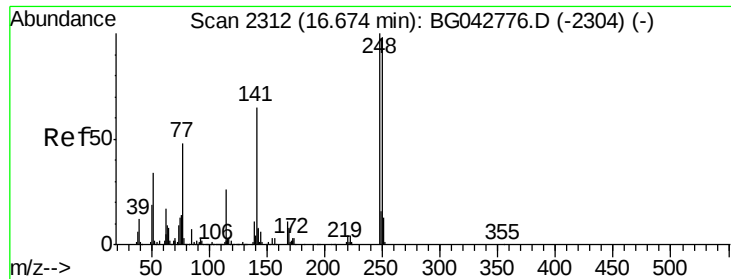


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

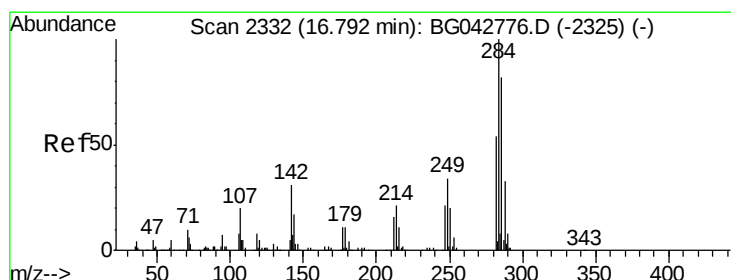
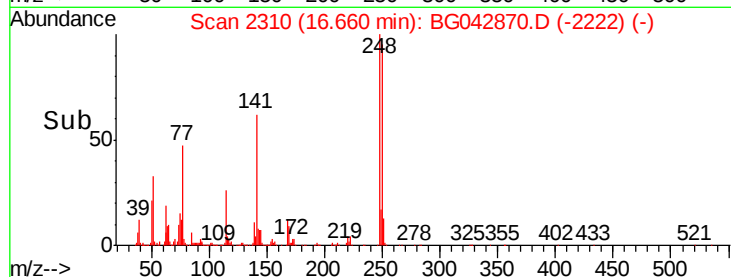
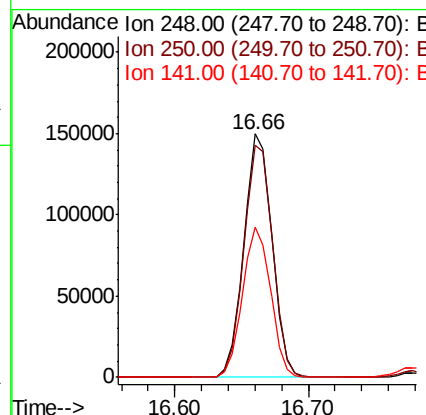
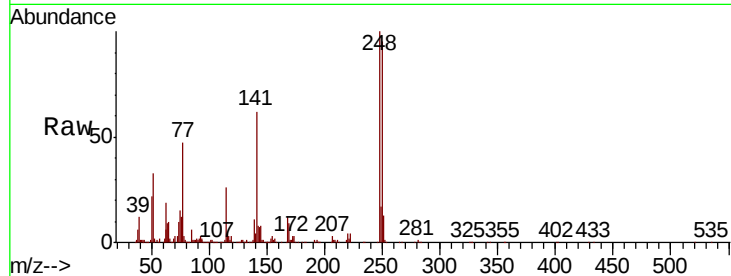




#67
 4-Bromophenyl-phenylether
 Concen: 40.434 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

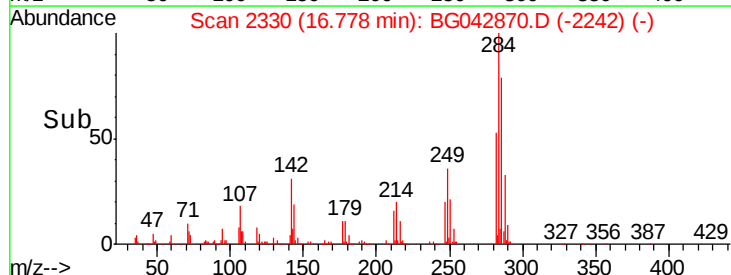
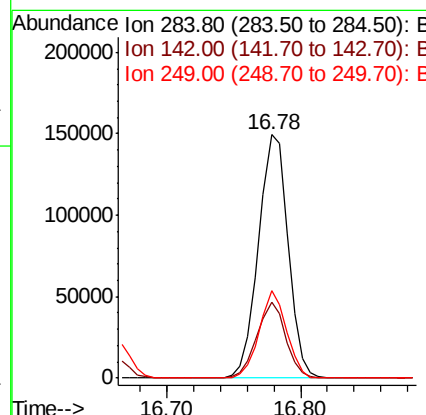
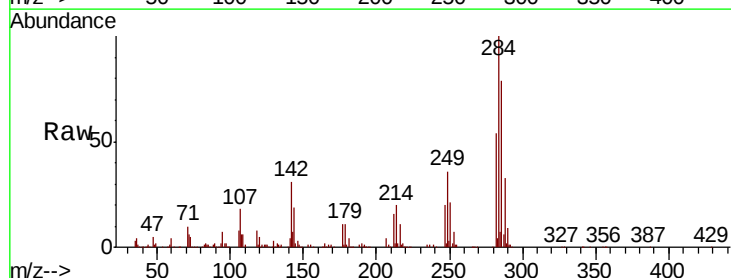
Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

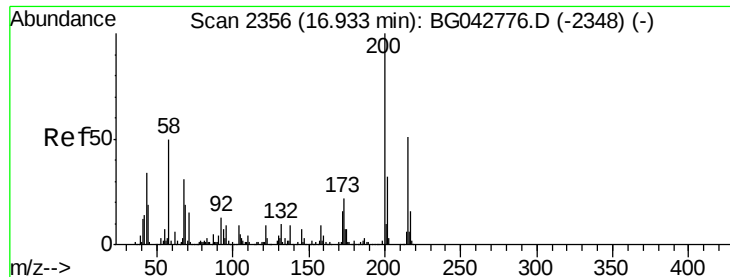
Tot Ion:248 Resp: 218255
 Ion Ratio Lower Upper
 248 100
 250 95.4 78.0 117.0
 141 61.6 51.8 77.6



#68
 Hexachlorobenzene
 Concen: 39.590 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion:284 Resp: 228349
 Ion Ratio Lower Upper
 284 100
 142 31.4 24.7 37.1
 249 38.4 27.0 40.4





#69

Atrazine

Concen: 45.864 ng

RT: 16.95 min Scan# 2359

Delta R.T. 0.02 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

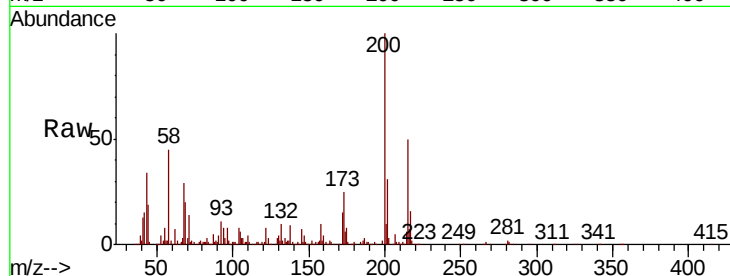
Tot Ion:200 Resp: 191665

Ion Ratio Lower Upper

200 100

173 24.9 2.5 42.5

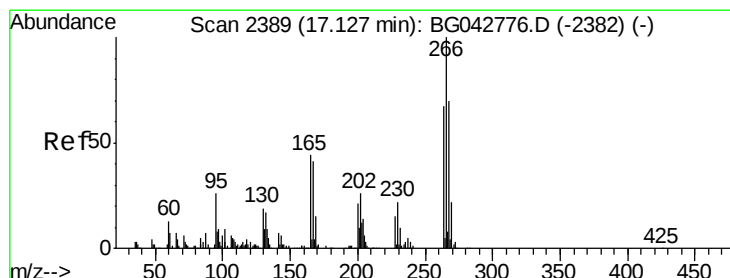
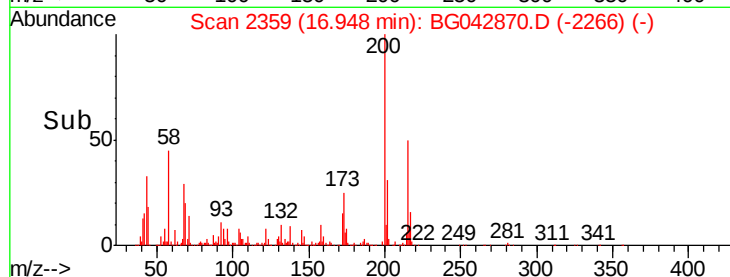
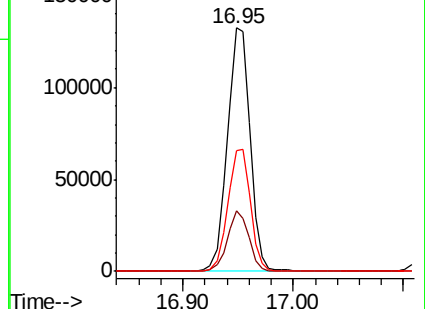
215 49.6 31.0 71.0



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: 90.319 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

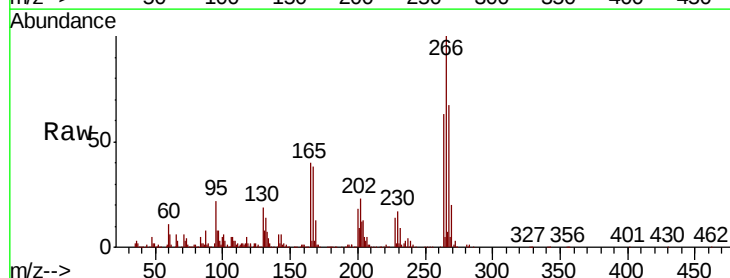
Tgt Ion:266 Resp: 309038

Ion Ratio Lower Upper

266 100

268 66.6 56.2 84.4

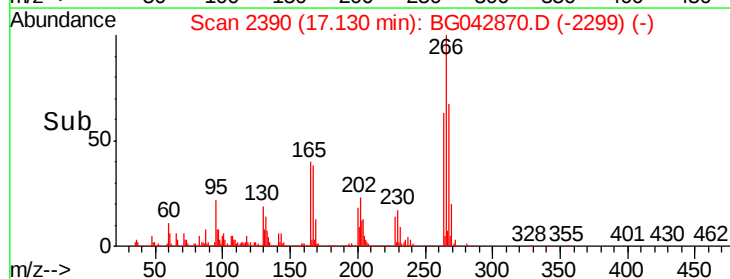
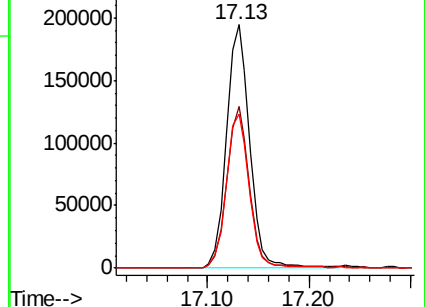
264 63.1 53.4 80.2

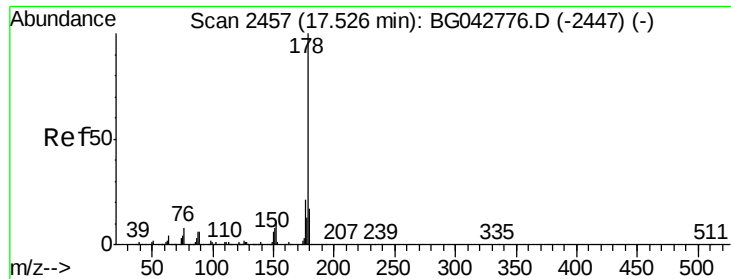


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

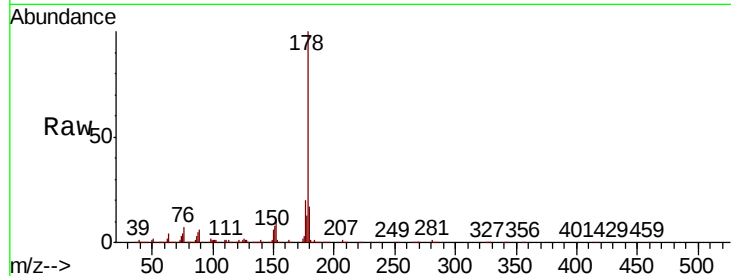




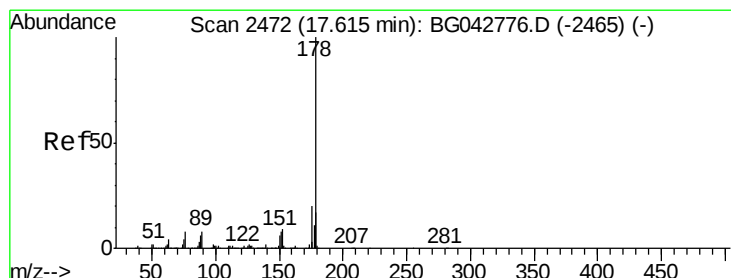
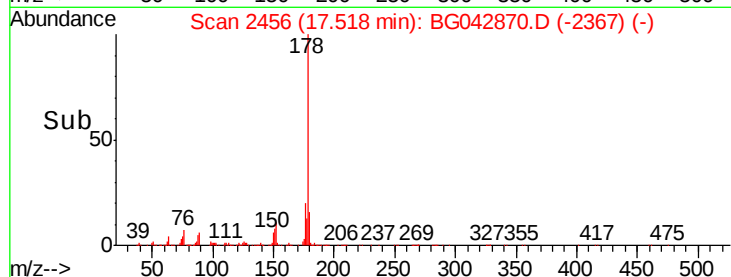
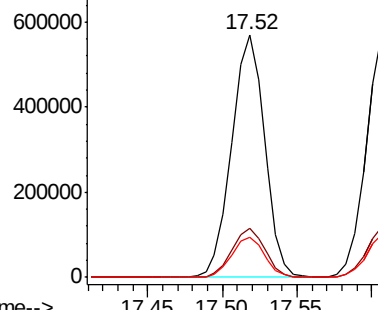
#71
Phenanthrene
Concen: 40.804 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion:178 Resp: 870260
Ion Ratio Lower Upper
178 100
176 20.3 17.0 25.4
179 16.5 13.6 20.4

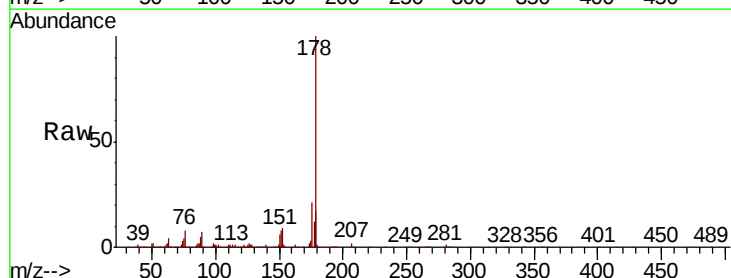


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

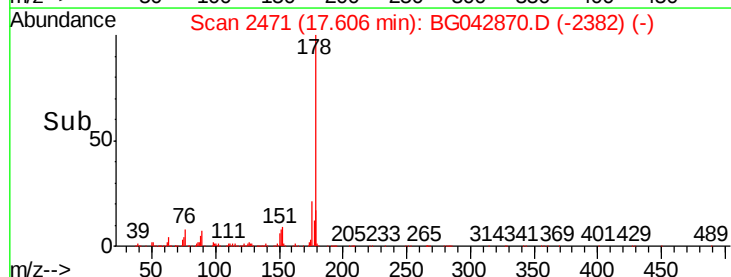
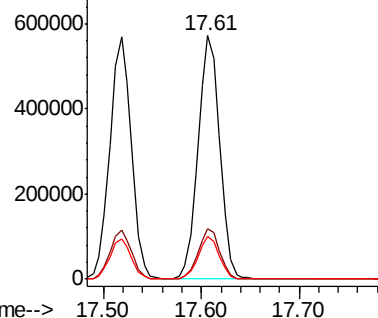


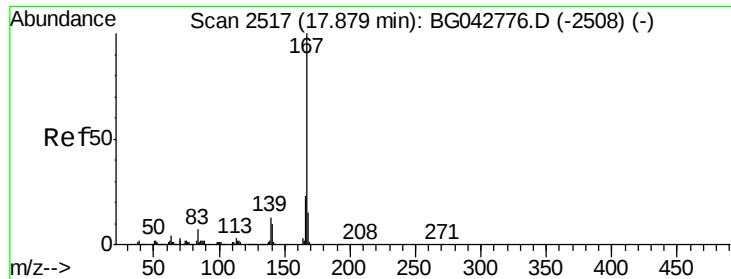
#72
Anthracene
Concen: 41.281 ng
RT: 17.61 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:178 Resp: 879600
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 17.3 13.6 20.4



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

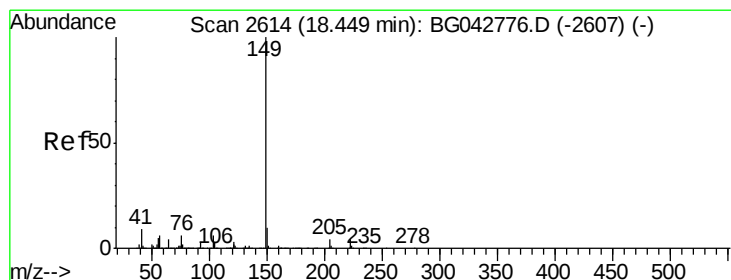
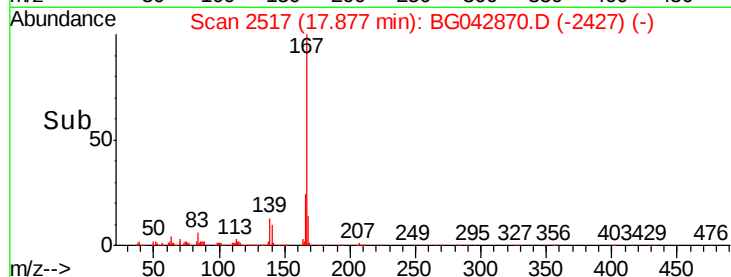
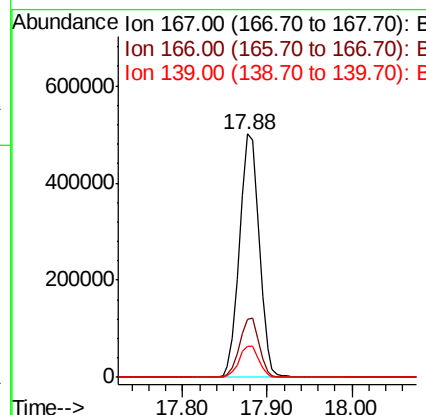
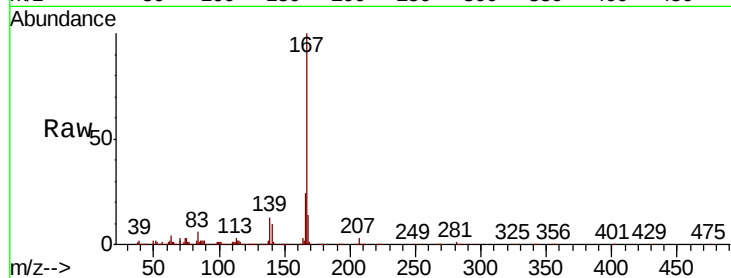




#73
 Carbazole
 Concen: 39.483 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

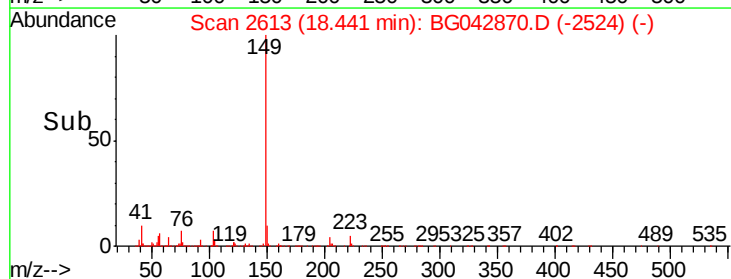
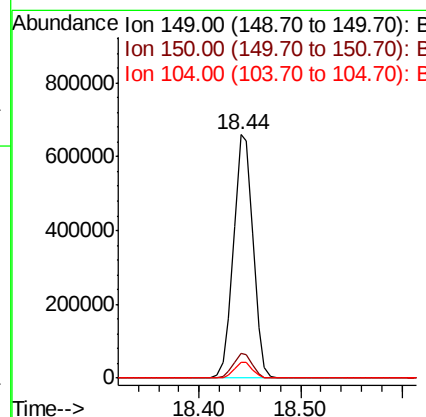
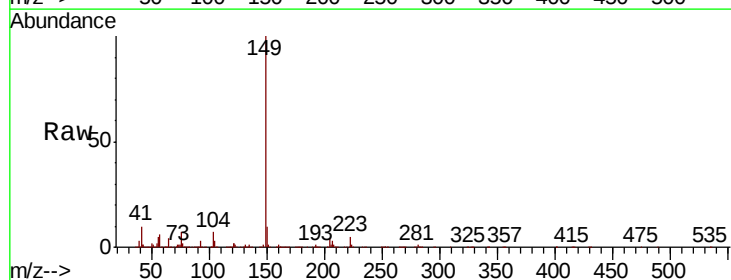
Instrument :
 BNA_G
 ClientSampleId :
 PB123133BS

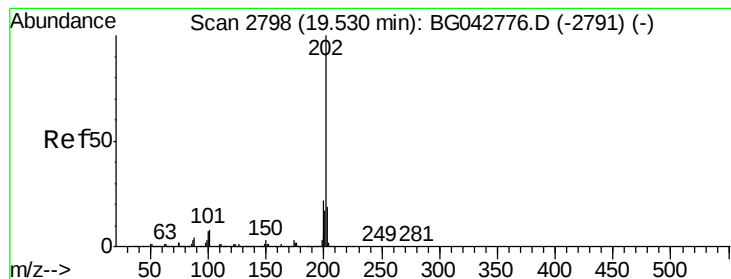
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.3	27.5
139	13.0	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 36.272 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042870.D
 Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 37.614 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

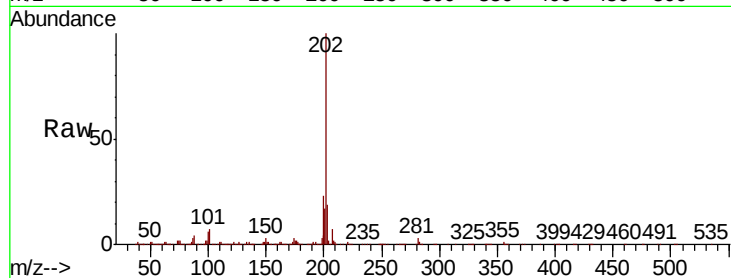
Tot Ion:202 Resp: 1039700

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.8

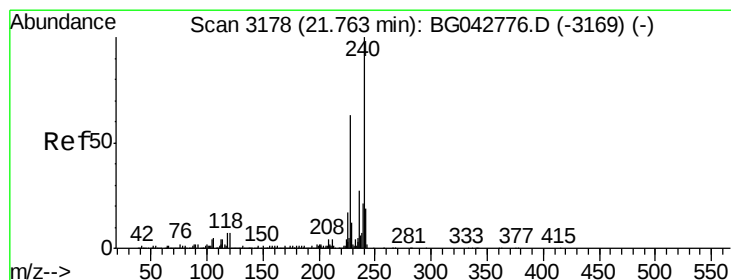
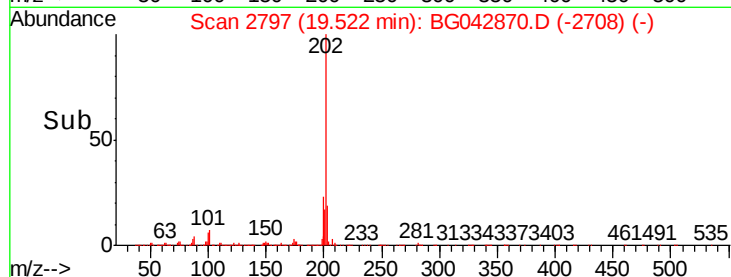
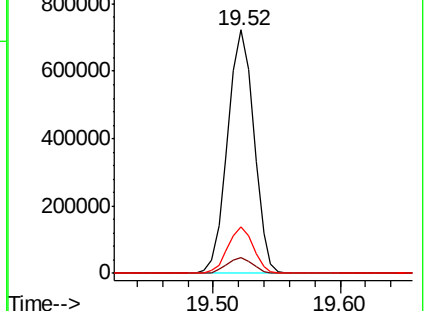
203 19.3 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

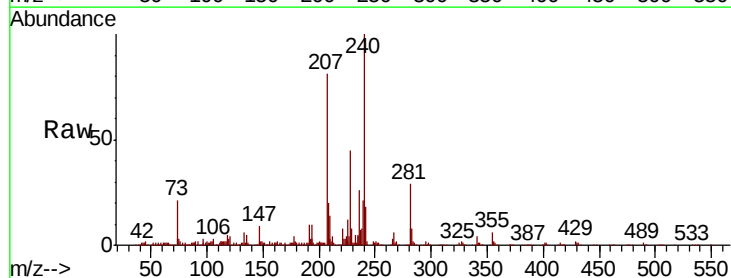
Tgt Ion:240 Resp: 328063

Ion Ratio Lower Upper

240 100

120 3.9 5.4 8.2#

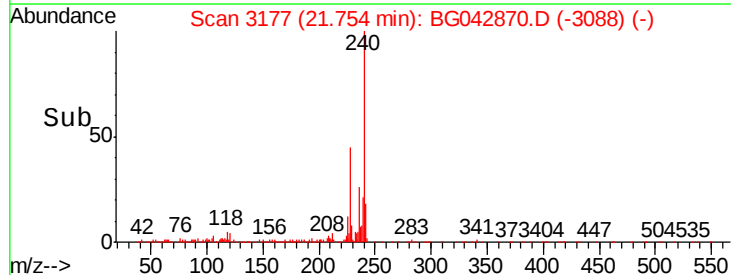
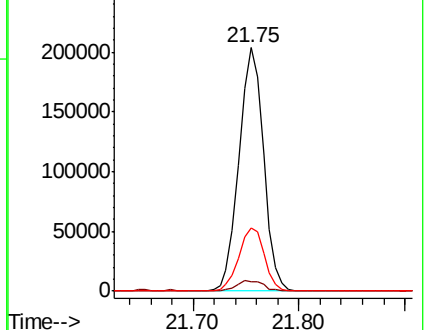
236 26.0 21.7 32.5

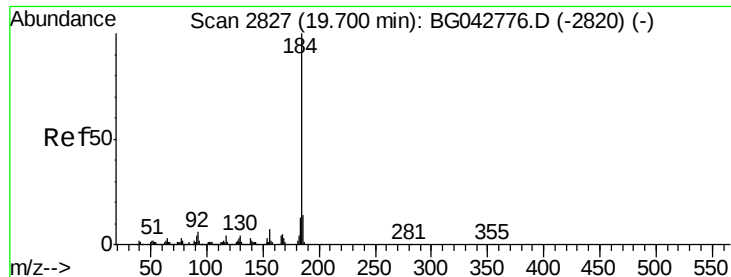


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.485 ng

RT: 19.70 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

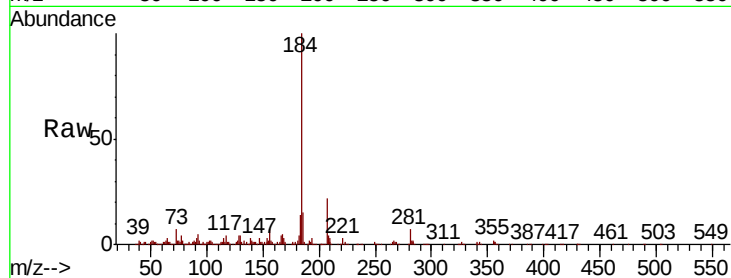
Tot Ion:184 Resp: 398572

Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

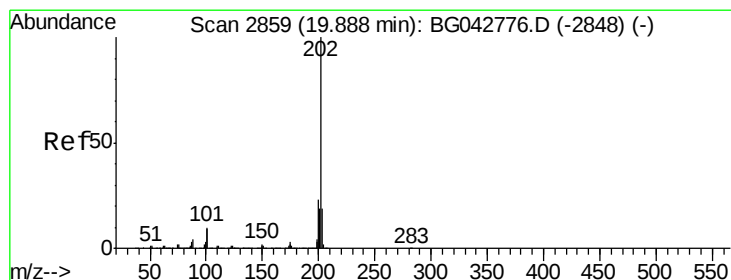
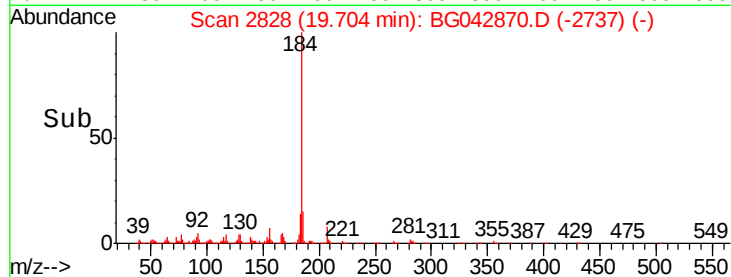
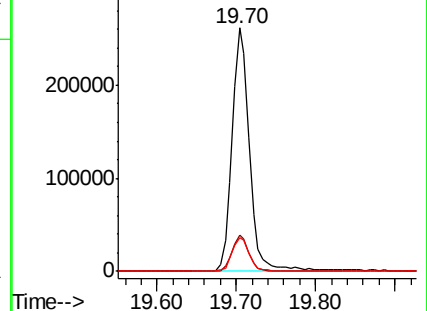
183 14.1 10.4 15.6



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: 49.124 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

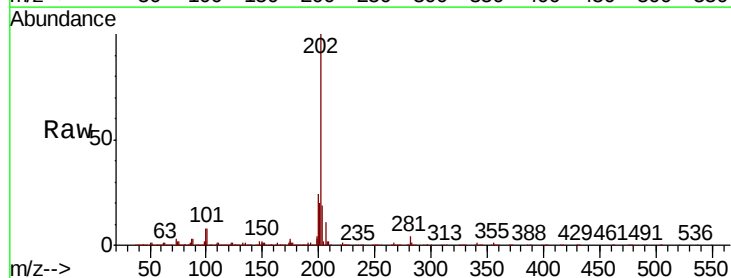
Tgt Ion:202 Resp: 1008949

Ion Ratio Lower Upper

202 100

200 24.0 18.5 27.7

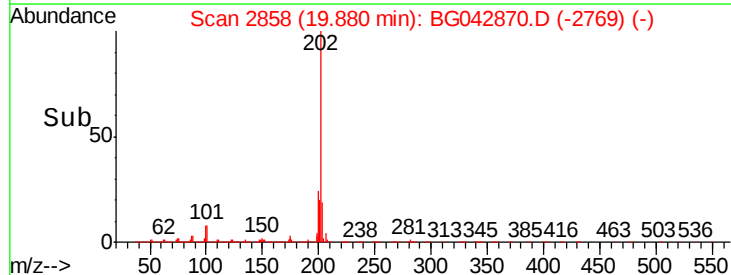
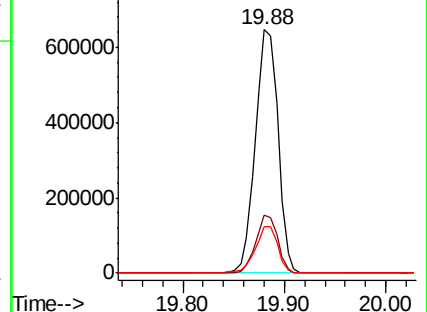
203 19.0 15.3 22.9

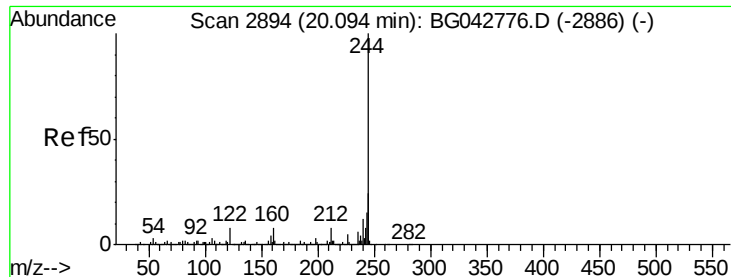


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.021 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

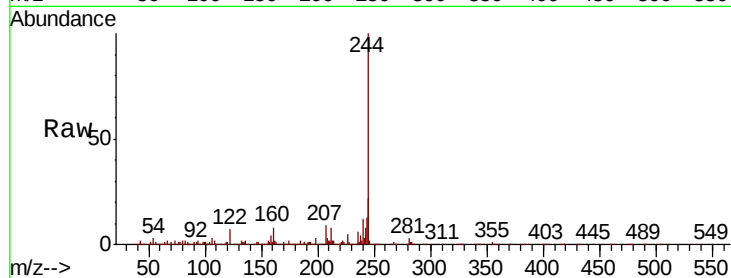
Tot Ion:244 Resp: 1302926

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

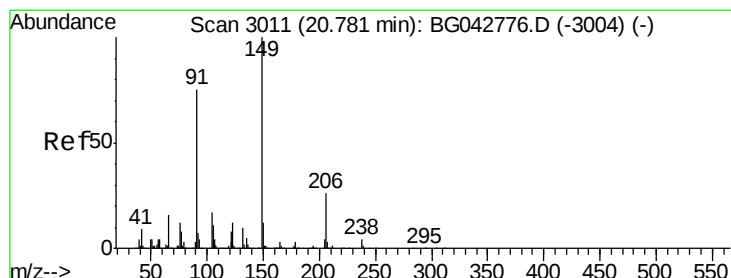
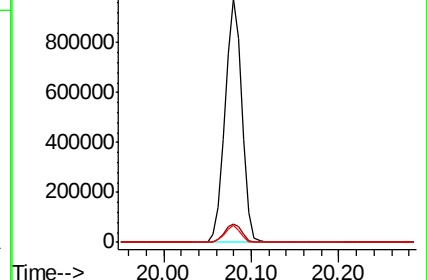
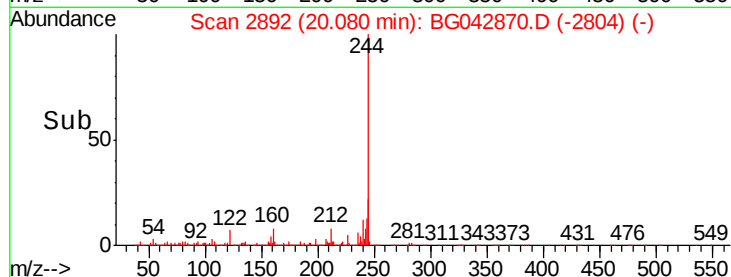
122 6.8 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.461 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

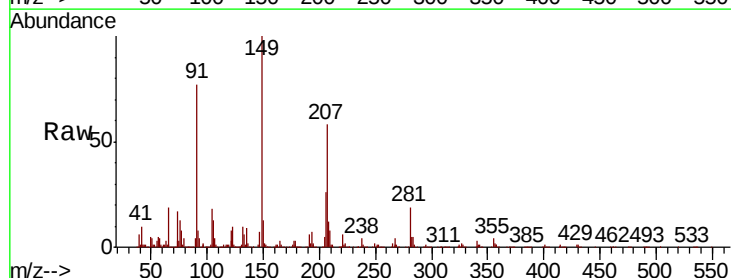
Tgt Ion:149 Resp: 319696

Ion Ratio Lower Upper

149 100

91 77.0 60.2 90.2

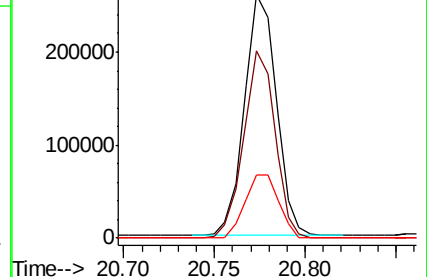
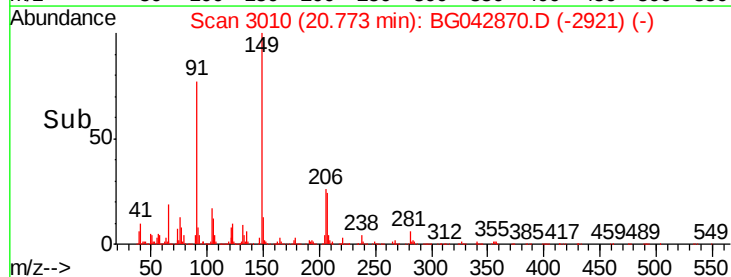
206 26.1 20.6 30.8

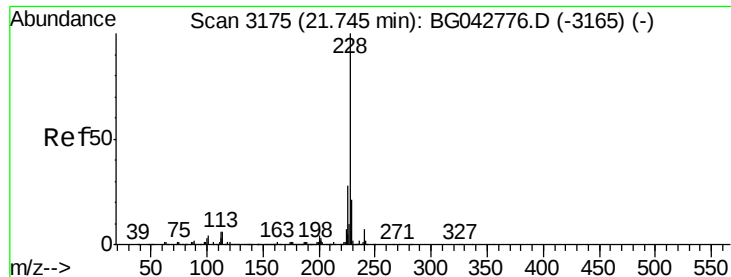


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.331 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

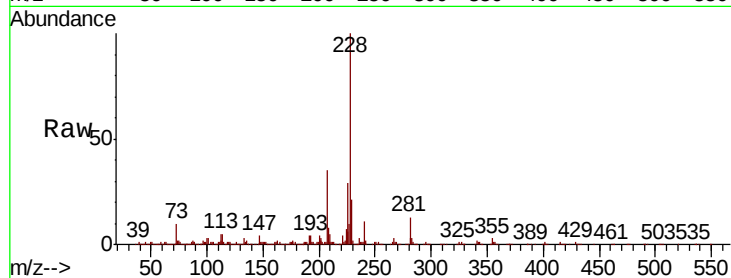
Tot Ion:228 Resp: 820394

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

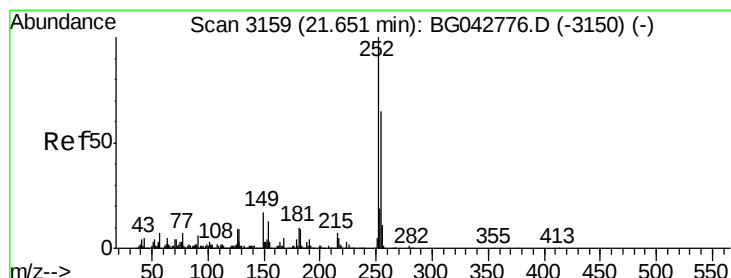
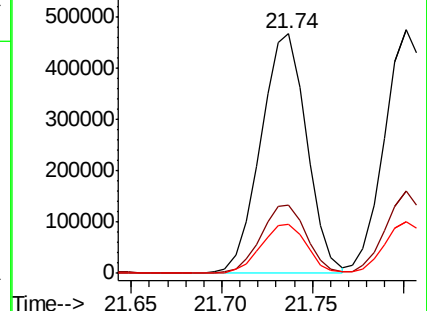
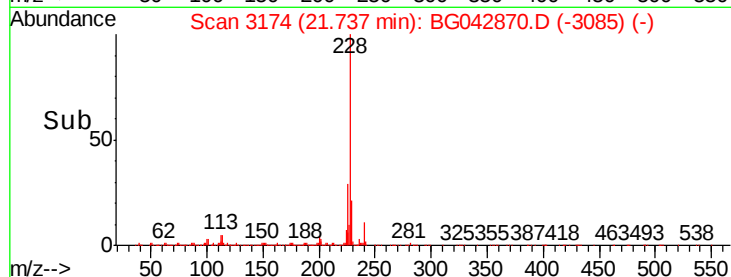
229 20.6 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.585 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

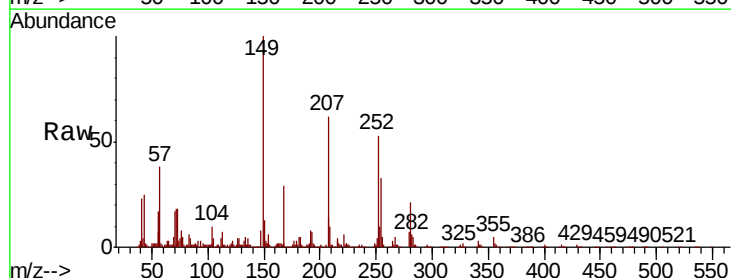
Tgt Ion:252 Resp: 223604

Ion Ratio Lower Upper

252 100

254 63.2 52.2 78.2

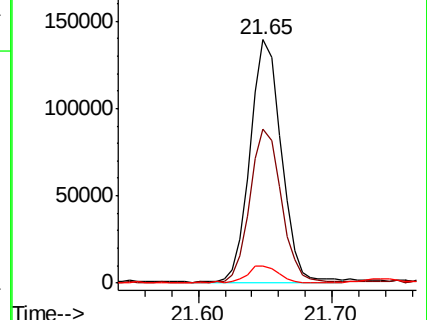
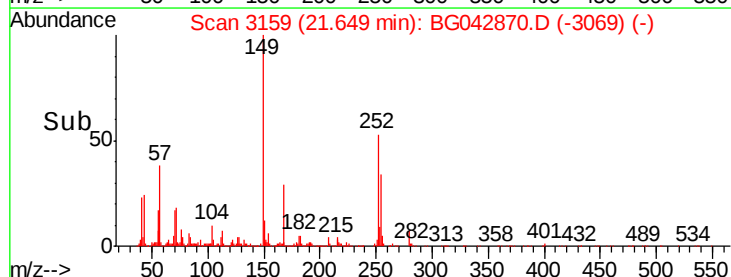
126 6.9 7.0 10.4#

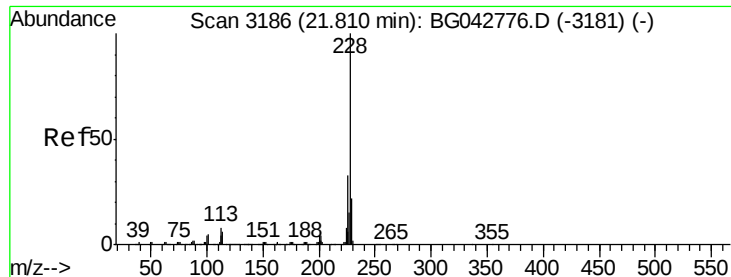


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.177 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

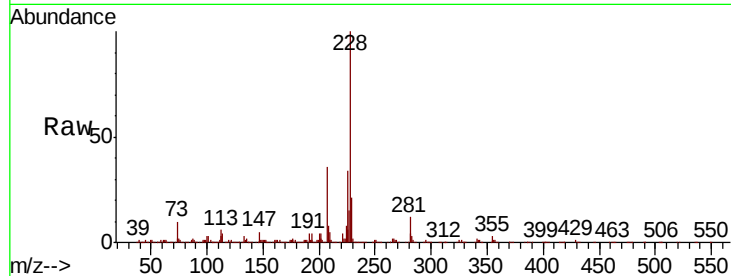
Tot Ion:228 Resp: 793807

Ion Ratio Lower Upper

228 100

226 33.8 26.0 39.0

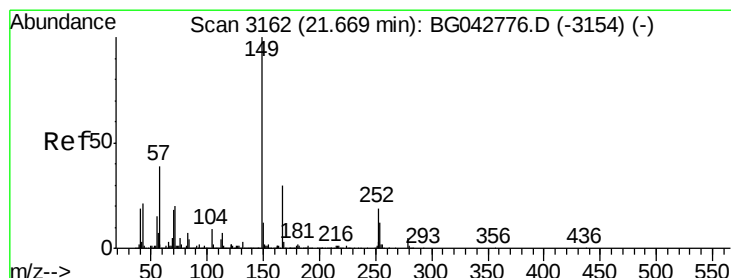
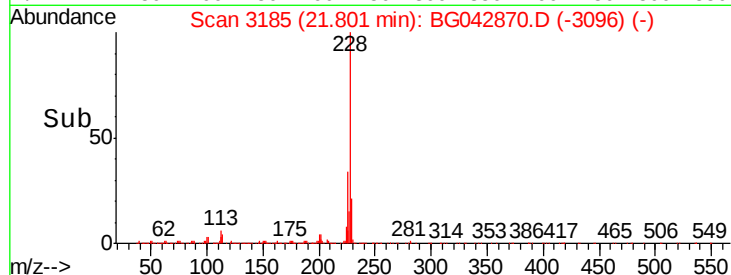
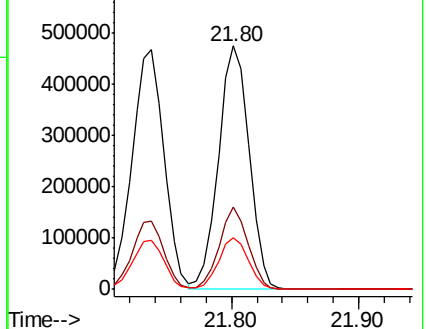
229 21.1 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.681 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

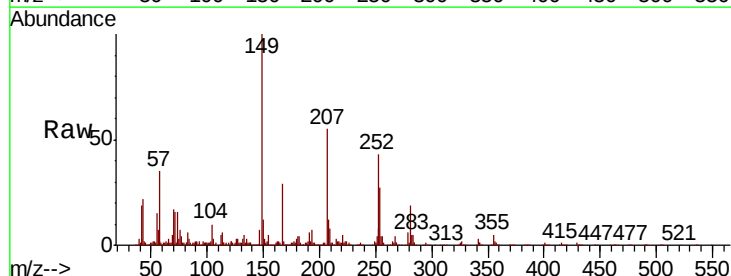
Tgt Ion:149 Resp: 405252

Ion Ratio Lower Upper

149 100

167 29.4 24.3 36.5

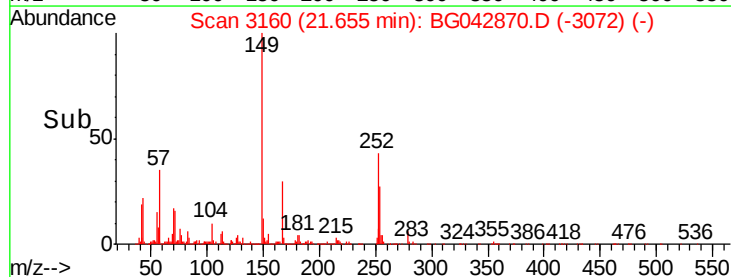
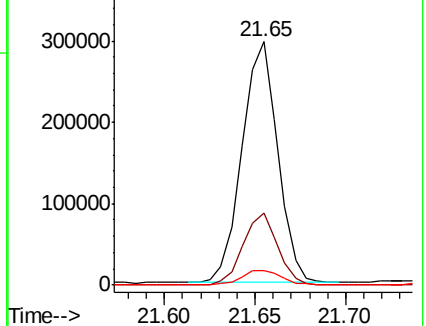
279 6.2 4.2 6.4

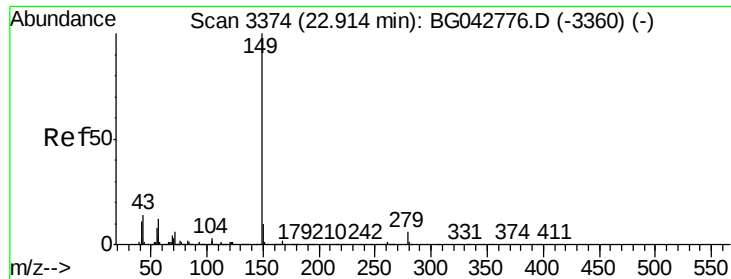


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

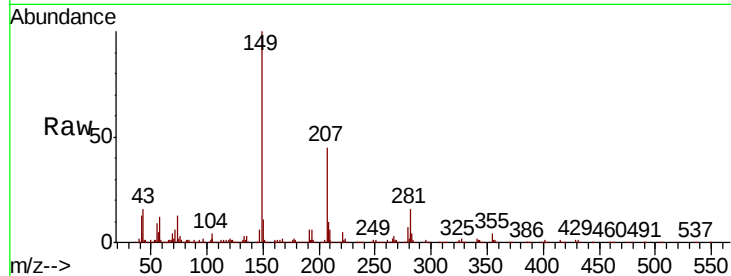




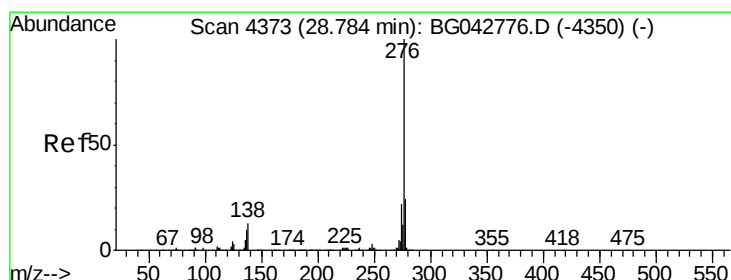
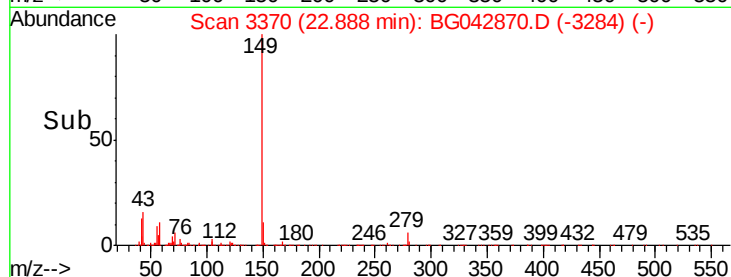
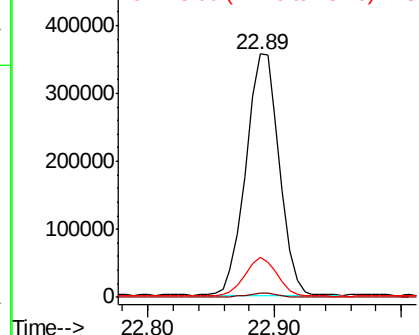
#85
Di-n-octyl phthalate
Concen: 33.353 ng
RT: 22.89 min Scan# 3370
Delta R.T. -0.03 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion:149 Resp: 645776
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 15.6 10.6 15.8

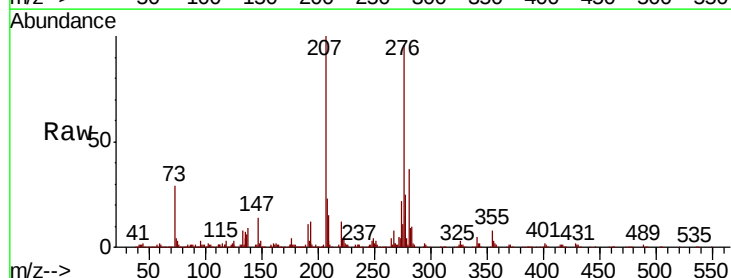


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

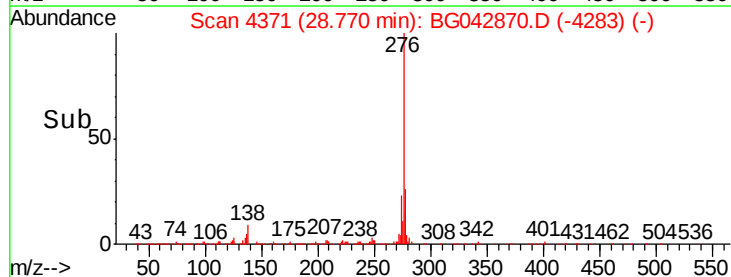
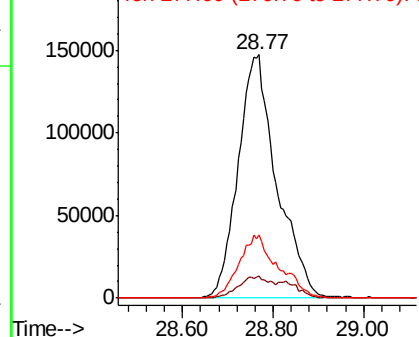


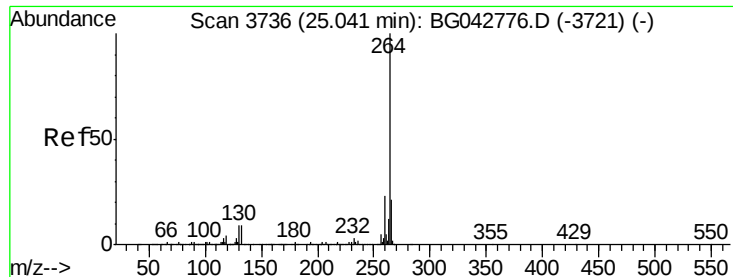
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.625 ng
RT: 28.77 min Scan# 4371
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:276 Resp: 871655
Ion Ratio Lower Upper
276 100
138 0.0 9.3 13.9#
277 26.4 17.2 25.8#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB123133BS

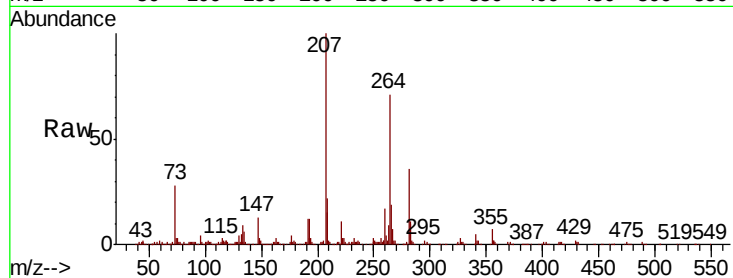
Tot Ion:264 Resp: 334740

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.2

265 27.3 16.9 25.3#

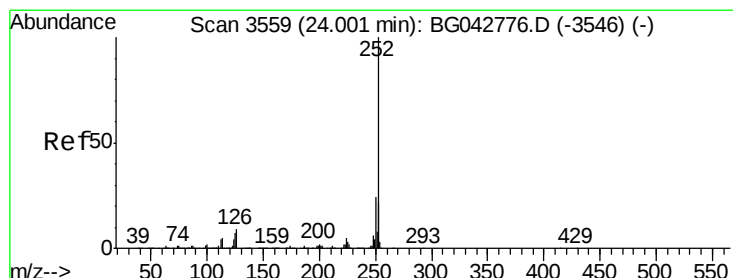
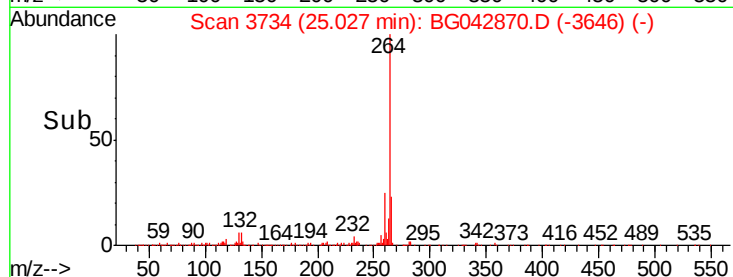
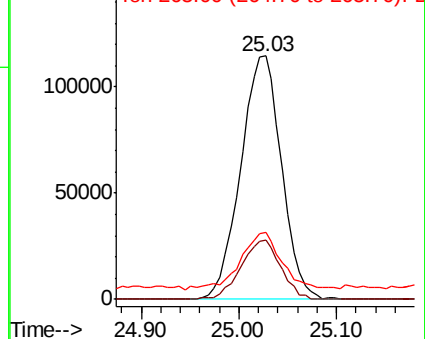


Abundance

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: 39.976 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG042870.D

Acq: 17 Sep 2019 16:51

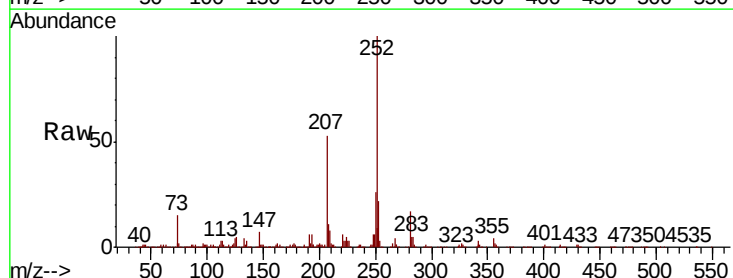
Tgt Ion:252 Resp: 785727

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 3.7 5.6 8.4#

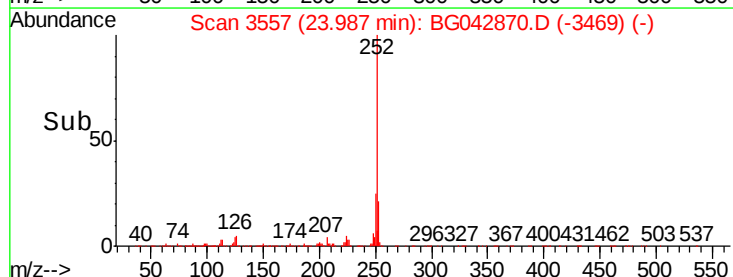
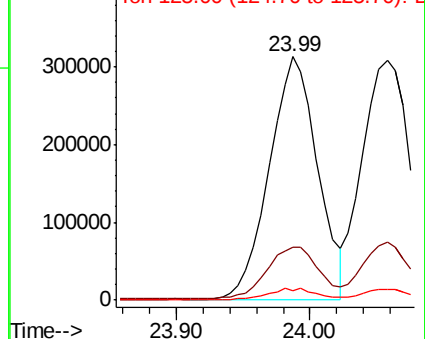


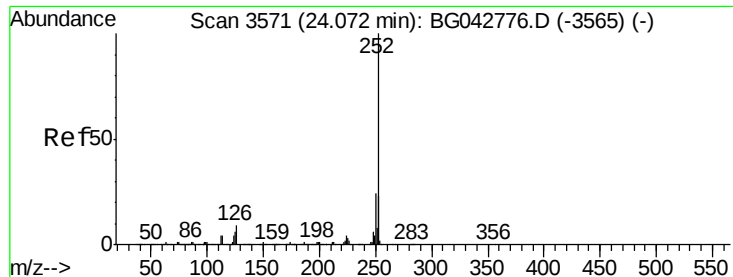
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

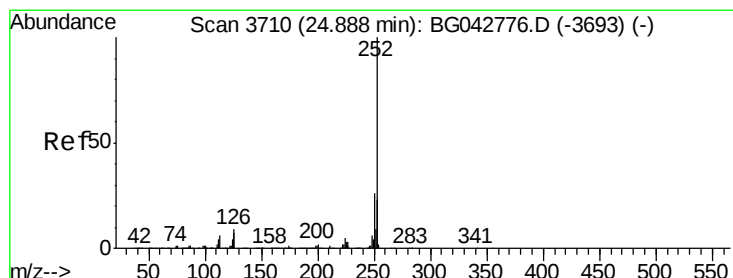
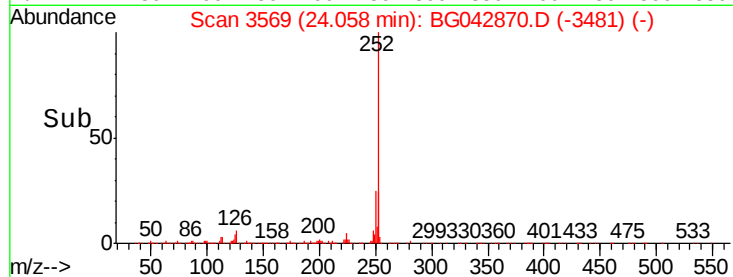
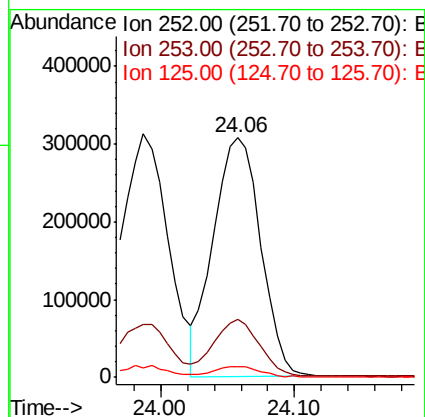
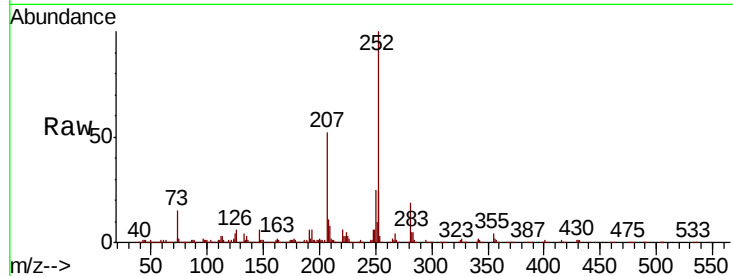




#89
Benzo(k)fluoranthene
Concen: 40.990 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

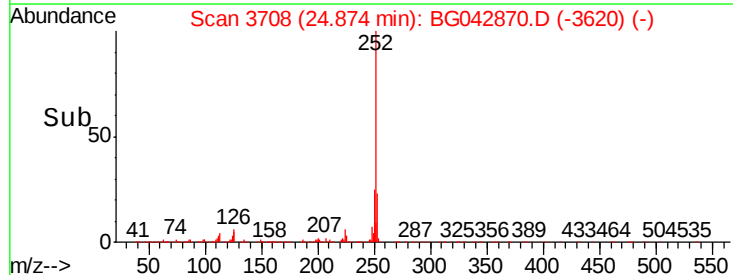
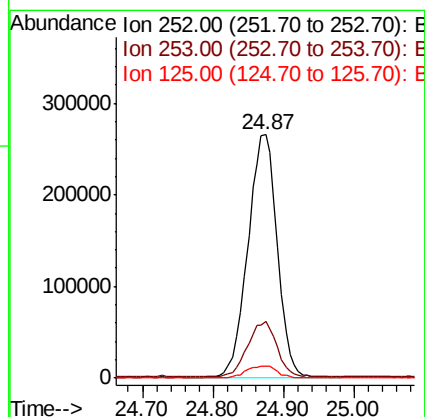
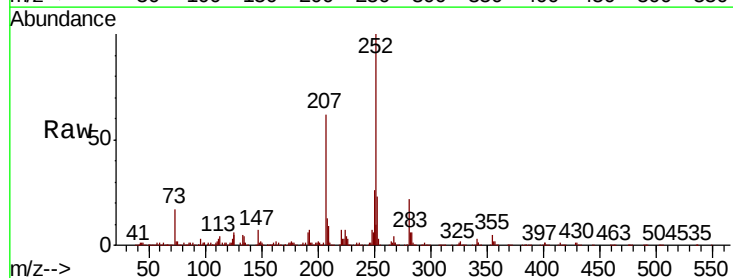
Instrument :
BNA_G
ClientSampleId :
PB123133BS

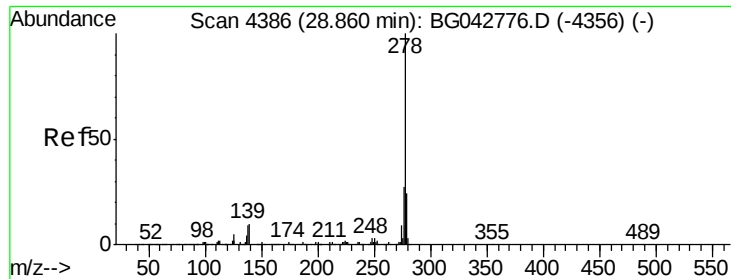
Tot Ion:252 Resp: 761051
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.4
125 4.5 5.3 7.9#



#90
Benzo(a)pyrene
Concen: 41.470 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion:252 Resp: 763236
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 4.9 5.7 8.5#

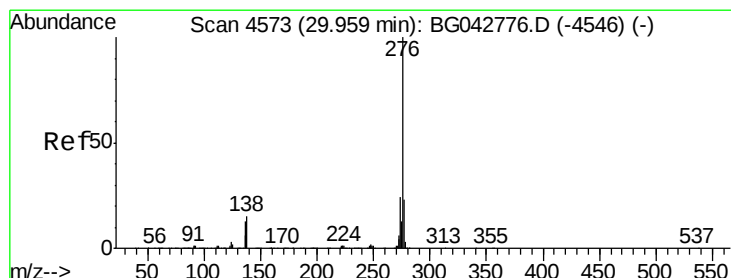
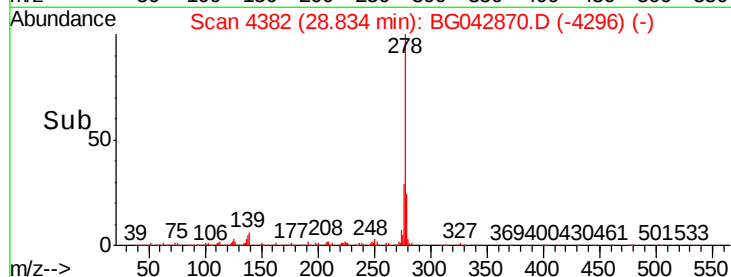
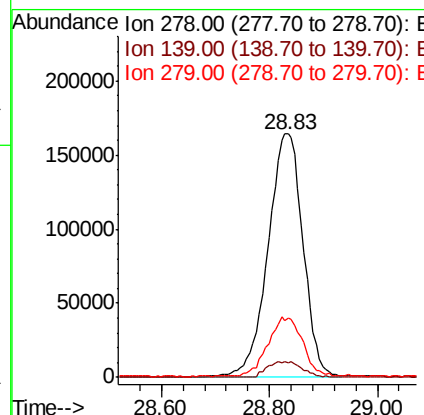
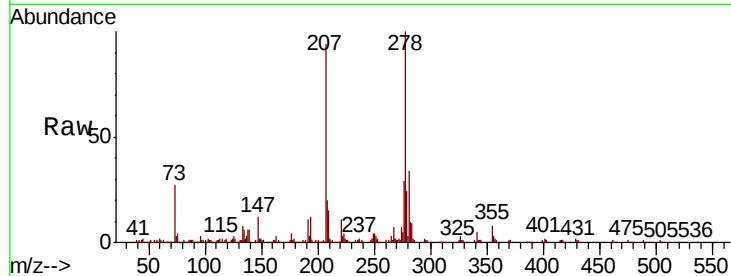




#91
Dibenzo(a,h)anthracene
Concen: 40.742 ng
RT: 28.83 min Scan# 4382
Delta R.T. -0.03 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB123133BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.2	8.2	12.2#
279	24.2	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 42.109 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.04 min
Lab File: BG042870.D
Acq: 17 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.3	18.4	27.6
138	8.7	11.8	17.8#

