

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043066.D
 Acq On : 7 Oct 2019 14:03
 Operator : JU
 Sample : PB123594BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Quant Time: Oct 08 01:45:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42270	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	167140	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	129592	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	333923	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	383667	20.00	ng	-0.02
87) Perylene-d12	24.91	264	434295	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	278577	117.61	ng	-0.02
7) Phenol-d6	7.23	99	387191	113.52	ng	-0.01
23) Nitrobenzene-d5	9.22	82	199965	58.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	270068	121.19	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	538852	60.28	ng	-0.02
79) Terphenyl-d14	20.03	244	1235582	68.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	33329	33.750	ng	89
3) Pyridine	3.93	79	83829	30.181	ng	90
4) n-Nitrosodimethylamine	3.84	42	45792	34.284	ng	84
6) Aniline	7.38	93	137650	33.432	ng	100
8) 2-Chlorophenol	7.63	128	112893	45.704	ng	93
9) Benzaldehyde	7.19	77	72342	34.708	ng	96
10) Phenol	7.26	94	139943	44.719	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	89603	37.006	ng	93
12) 1,3-Dichlorobenzene	7.95	146	117755	37.370	ng	96
13) 1,4-Dichlorobenzene	8.09	146	122225	38.910	ng	99
14) 1,2-Dichlorobenzene	8.41	146	116020	38.795	ng	94
15) Benzyl Alcohol	8.30	79	102151	39.834	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	131834	28.352	ng	96
17) 2-Methylphenol	8.51	107	93246	42.585	ng	97
18) Hexachloroethane	9.14	117	41483	35.065	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	81985	36.606	ng	92
20) 3+4-Methylphenols	8.83	107	131733	43.901	ng	94
22) Acetophenone	8.88	105	157114	36.467	ng	92
24) Nitrobenzene	9.26	77	127916	38.999	ng	95
25) Isophorone	9.78	82	233668	38.685	ng	99
26) 2-Nitrophenol	9.97	139	59649	42.719	ng	97
27) 2,4-Dimethylphenol	10.03	122	106898	49.851	ng	90
28) bis(2-Chloroethoxy)methane	10.26	93	128332	37.447	ng	96
29) 2,4-Dichlorophenol	10.51	162	123980	46.489	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	131006	38.039	ng	97
31) Naphthalene	10.91	128	333512	40.535	ng	98
32) Benzoic acid	10.17	122	61678	38.636	ng	95
33) 4-Chloroaniline	11.02	127	70606	19.776	ng	97
34) Hexachlorobutadiene	11.20	225	91673	35.550	ng	92
35) Caprolactam	11.79	113	22162	23.565	ng	# 76
36) 4-Chloro-3-methylphenol	12.14	107	130123	44.875	ng	89
37) 2-Methylnaphthalene	12.51	142	261939	41.732	ng	97
38) 1-Methylnaphthalene	12.73	142	248726	41.879	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	171160	35.127	ng	99

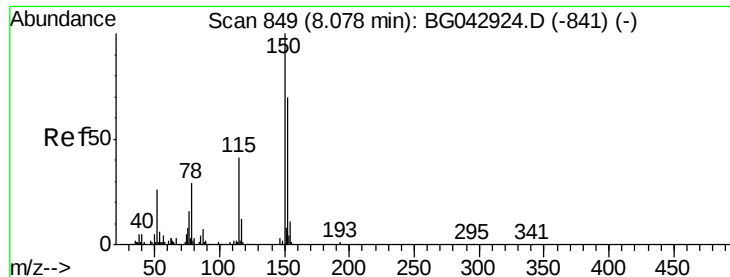
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	248871	80.163	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	116922	40.998	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	124833	42.490	ng	96
46) 1,1'-Biphenyl	13.51	154	358050	36.433	ng	99
47) 2-Chloronaphthalene	13.56	162	282062	38.281	ng	99
48) 2-Nitroaniline	13.76	65	91896	37.505	ng	90
49) Acenaphthylene	14.40	152	464667	41.214	ng	98
50) Dimethylphthalate	14.13	163	387278	39.885	ng	99
51) 2,6-Dinitrotoluene	14.25	165	87556	42.343	ng	95
52) Acenaphthene	14.74	154	284872	37.749	ng	100
53) 3-Nitroaniline	14.58	138	57972	27.128	ng	# 99
54) 2,4-Dinitrophenol	14.78	184	111471	86.728	ng	97
55) Dibenzofuran	15.08	168	458192	41.044	ng	98
56) 4-Nitrophenol	14.90	139	149785	91.993	ng	96
57) 2,4-Dinitrotoluene	15.03	165	128503	42.437	ng	# 97
58) Fluorene	15.72	166	390101	40.930	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	132210	42.265	ng	100
60) Diethylphthalate	15.49	149	399940	40.473	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	226741	39.668	ng	98
62) 4-Nitroaniline	15.75	138	92425	39.657	ng	98
63) Azobenzene	16.01	77	342444	38.063	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	82806	43.823	ng	91
66) n-Nitrosodiphenylamine	15.93	169	352905	40.034	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	158697	37.866	ng	99
68) Hexachlorobenzene	16.73	284	183722	39.371	ng	97
69) Atrazine	16.87	200	163993	44.179	ng	95
70) Pentachlorophenol	17.07	266	237546	88.220	ng	98
71) Phenanthrene	17.47	178	661073	40.551	ng	98
72) Anthracene	17.56	178	690865	42.450	ng	100
73) Carbazole	17.83	167	638255	42.291	ng	98
74) Di-n-butylphthalate	18.38	149	743019	41.264	ng	99
75) Fluoranthene	19.47	202	919295	42.634	ng	99
77) Benzidine	19.65	184	639982	66.619	ng	99
78) Pyrene	19.84	202	936577	40.899	ng	100
80) Butylbenzylphthalate	20.72	149	344485	39.632	ng	97
81) Benzo(a)anthracene	21.67	228	962663	40.269	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	265100	28.274	ng	96
83) Chrysene	21.74	228	917686	39.557	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	496200	40.119	ng	98
85) Di-n-octyl phthalate	22.79	149	838010	41.435	ng	96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1205337	41.735	ng	# 98
88) Benzo(b)fluoranthene	23.89	252	1021372	41.564	ng	99
89) Benzo(k)fluoranthene	23.96	252	974419	40.083	ng	99
90) Benzo(a)pyrene	24.76	252	933955	40.284	ng	99
91) Dibenzo(a,h)anthracene	28.64	278	1013019	42.611	ng	98
92) Benzo(g,h,i)perylene	29.72	276	1013471	43.998	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

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BNA_G

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PB123594BS

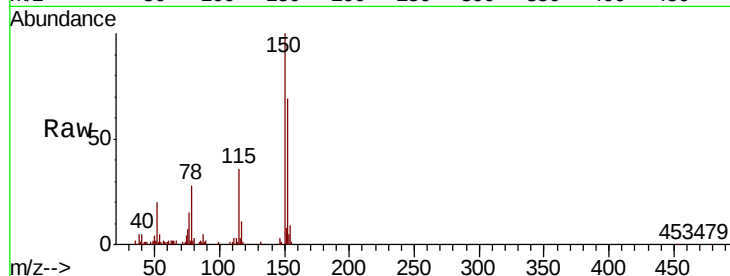
Tot Ion:152 Resp: 42270

Ion Ratio Lower Upper

152 100

150 144.8 115.0 172.4

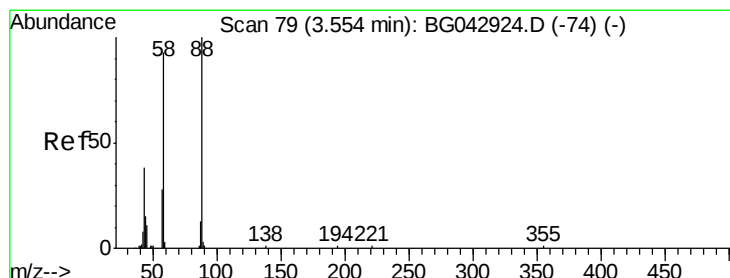
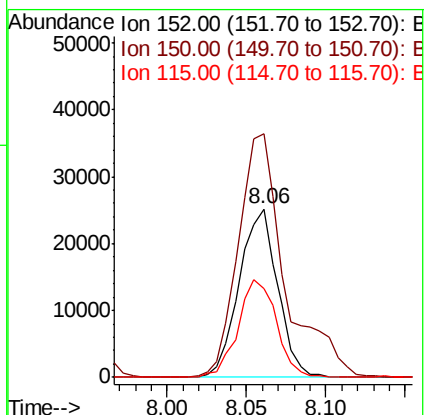
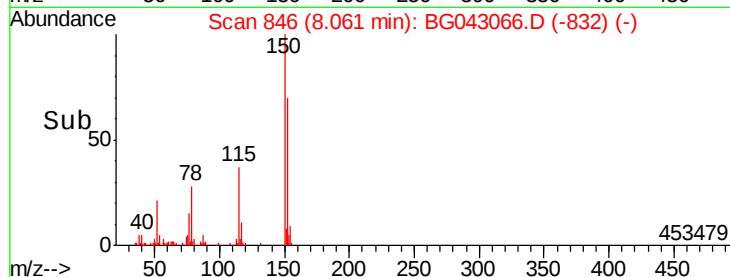
115 52.7 47.0 70.6



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: 33.750 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

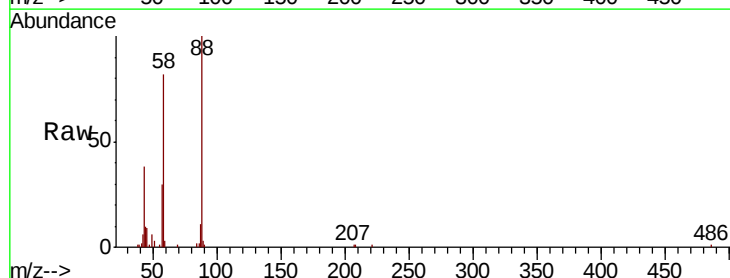
Tgt Ion: 88 Resp: 33329

Ion Ratio Lower Upper

88 100

58 81.0 74.3 111.5

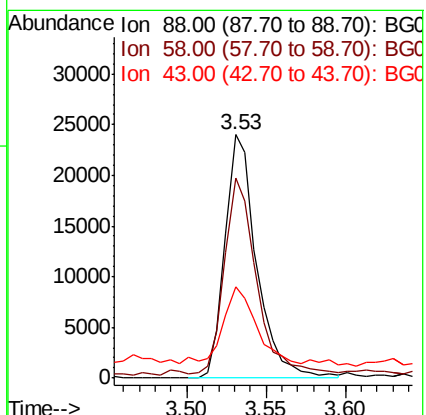
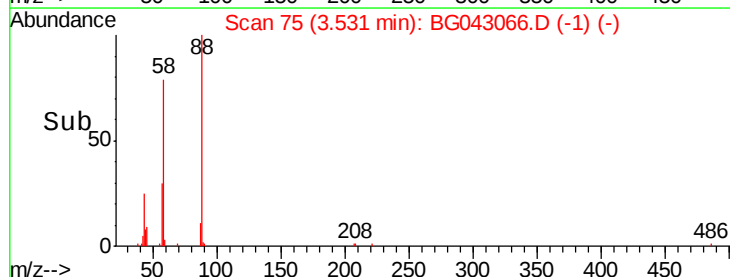
43 32.7 29.8 44.8

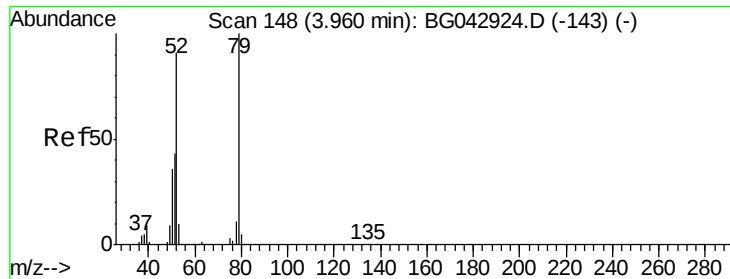


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.181 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.03 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

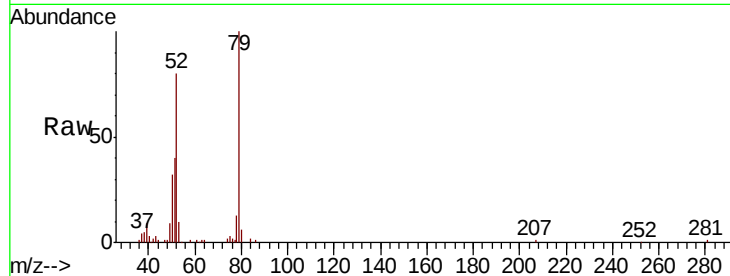
Tot Ion: 79 Resp: 83829

Ion Ratio Lower Upper

79 100

52 80.2 73.0 109.4

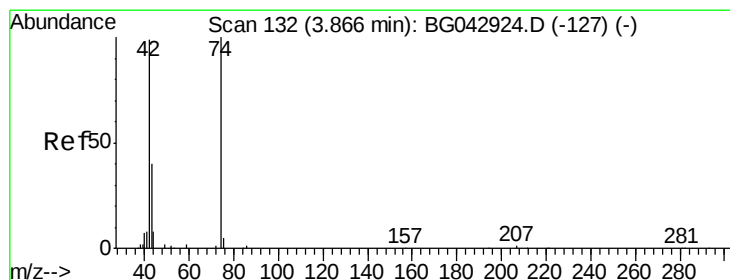
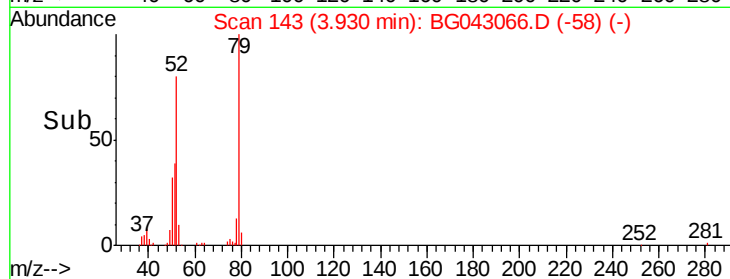
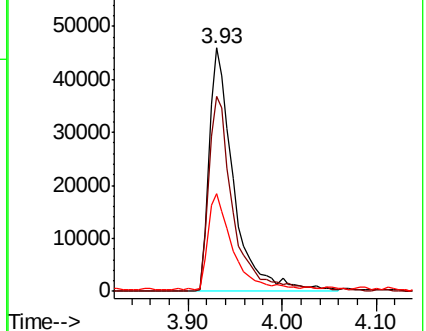
51 40.0 35.1 52.7



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: 34.284 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

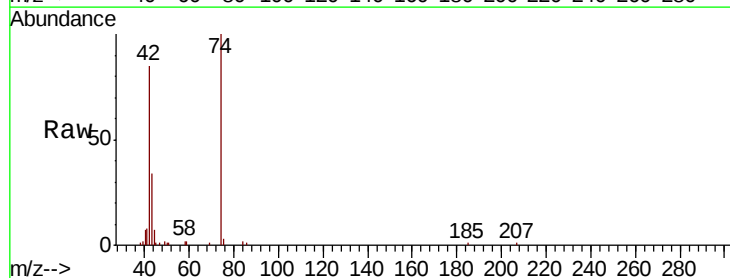
Tgt Ion: 42 Resp: 45792

Ion Ratio Lower Upper

42 100

74 117.6 80.5 120.7

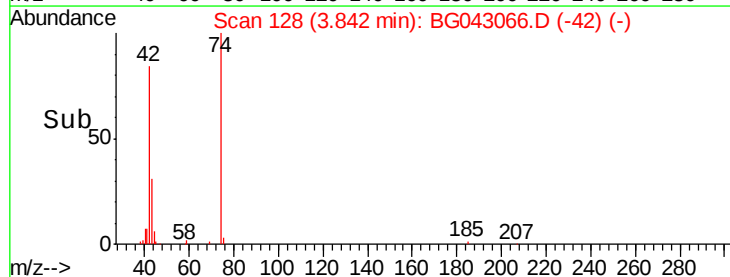
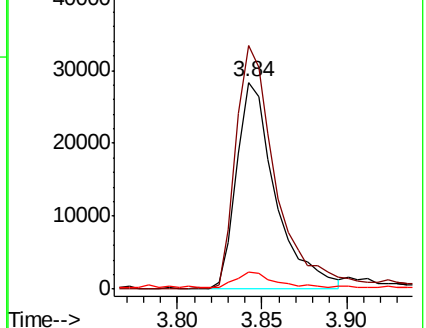
44 8.0 6.9 10.3



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: 117.614 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

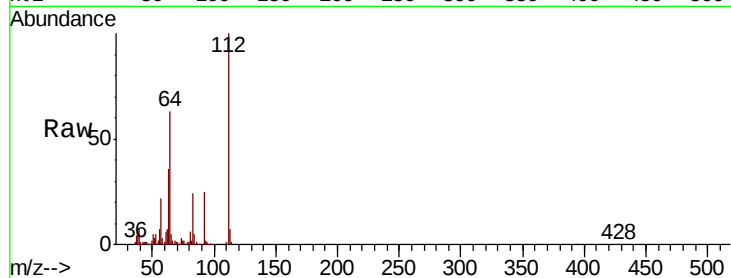
Tot Ion:112 Resp: 278577

Ion Ratio Lower Upper

112 100

64 63.0 56.6 84.8

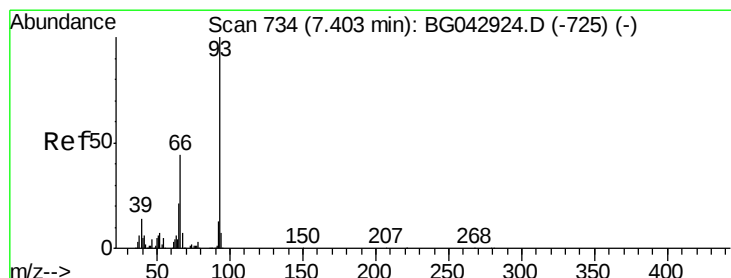
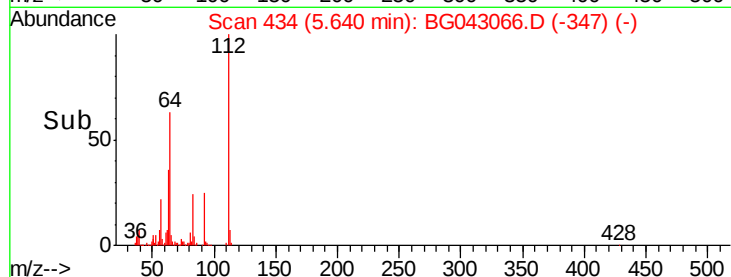
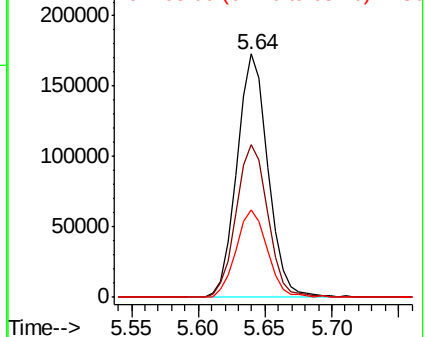
63 36.0 35.1 52.7



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: 33.432 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

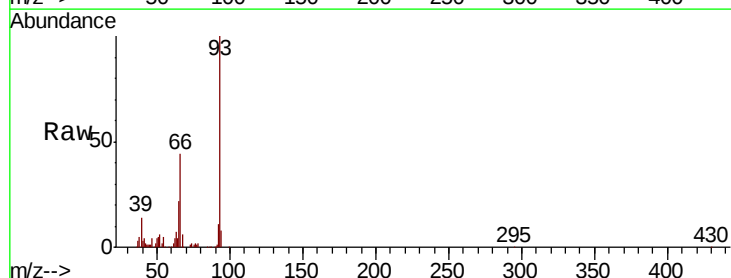
Tgt Ion: 93 Resp: 137650

Ion Ratio Lower Upper

93 100

66 43.6 35.0 52.6

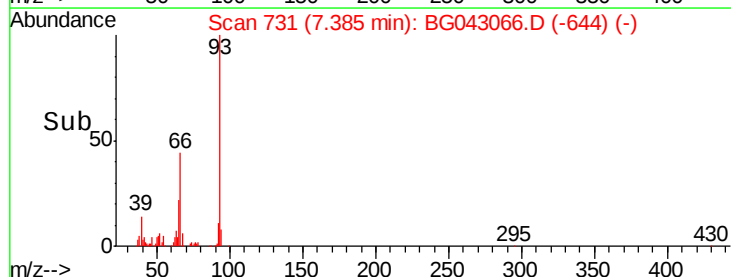
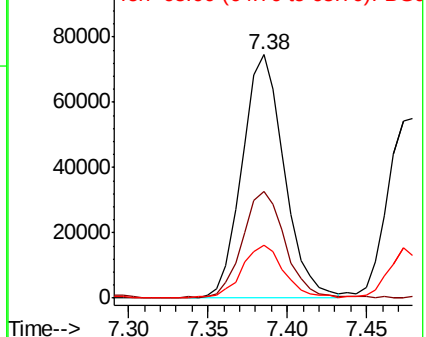
65 21.8 17.4 26.0

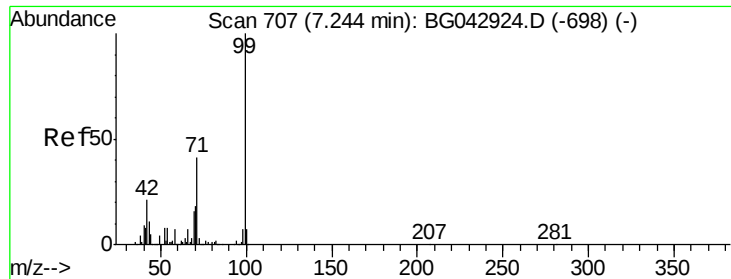


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.516 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

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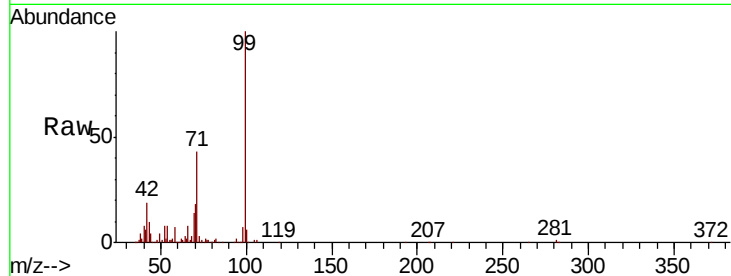
Tot Ion: 99 Resp: 387191

Ion Ratio Lower Upper

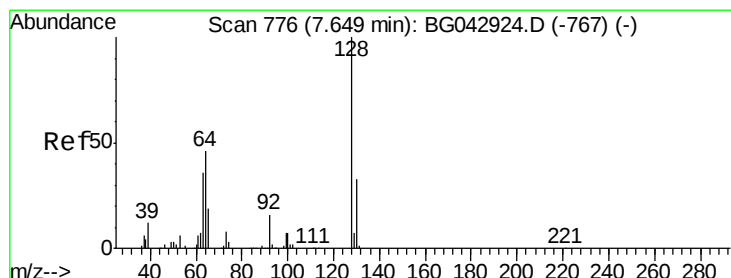
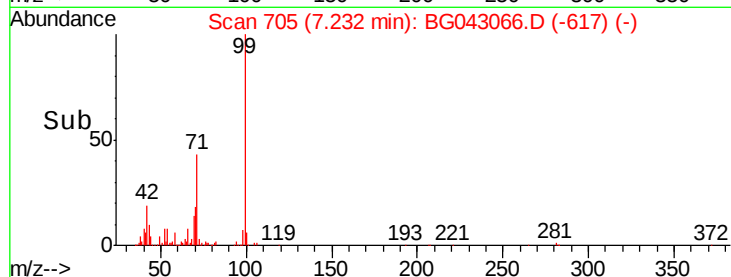
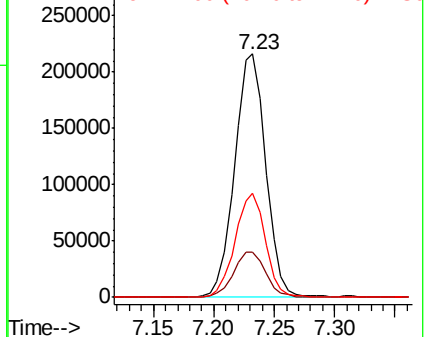
99 100

42 18.7 17.2 25.8

71 42.8 33.1 49.7



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: 45.704 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

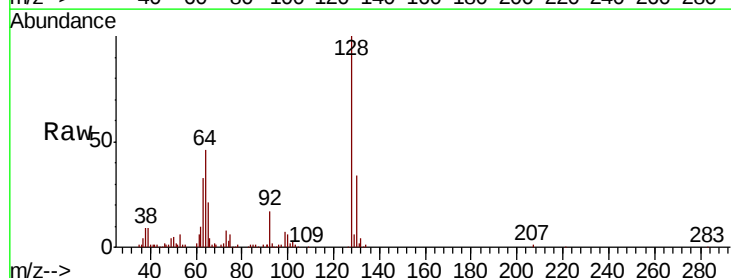
Tgt Ion:128 Resp: 112893

Ion Ratio Lower Upper

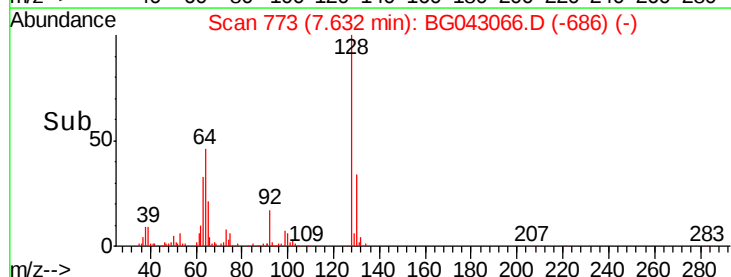
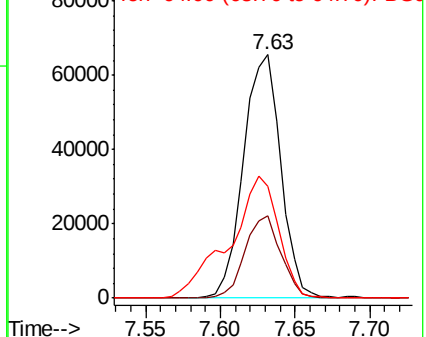
128 100

130 33.6 12.5 52.5

64 45.7 32.8 72.8



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: 34.708 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

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ClientSampleID :

PB123594BS

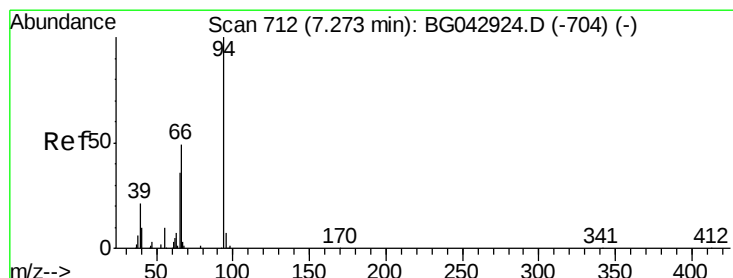
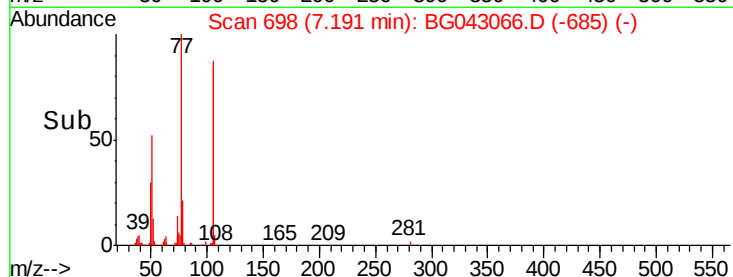
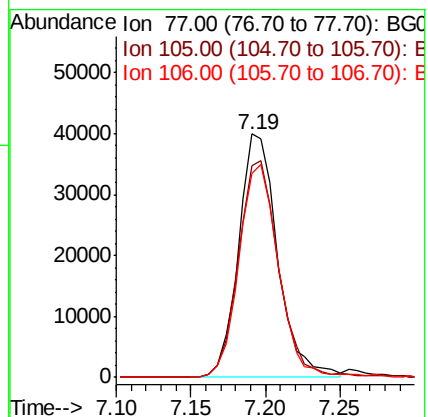
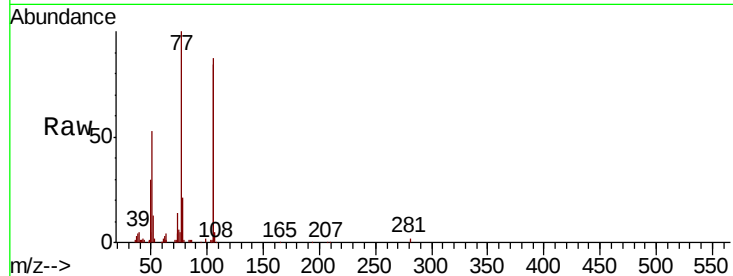
Tot Ion: 77 Resp: 72342

Ion Ratio Lower Upper

77 100

105 87.1 64.6 104.6

106 83.9 59.4 99.4



#10

Phenol

Concen: 44.719 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

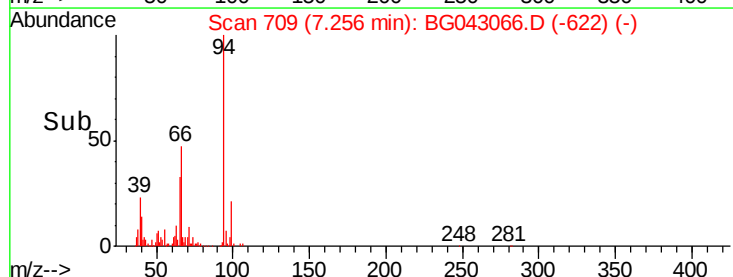
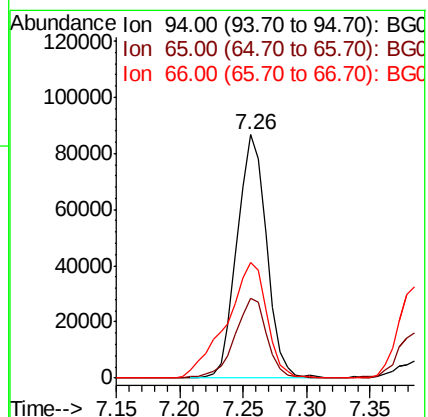
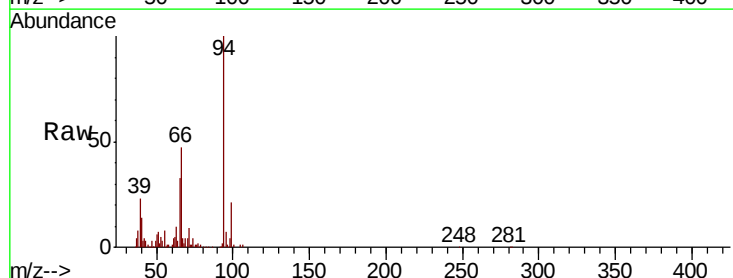
Tgt Ion: 94 Resp: 139943

Ion Ratio Lower Upper

94 100

65 32.9 16.6 56.6

66 47.3 32.4 72.4

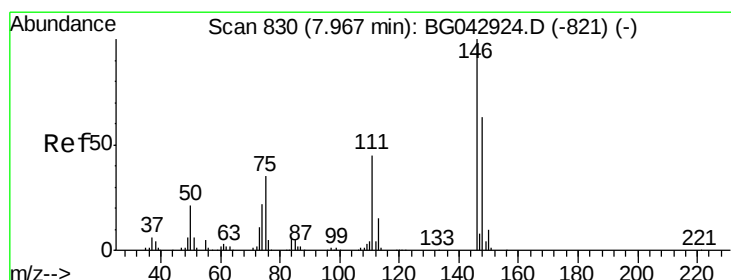
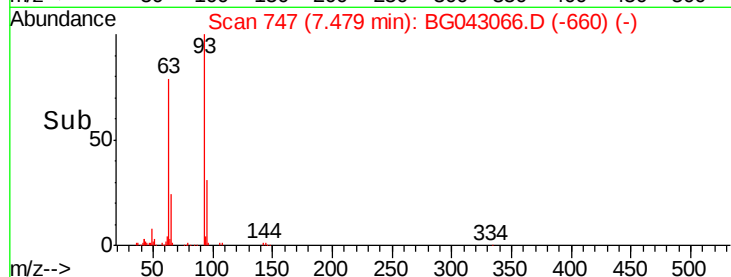
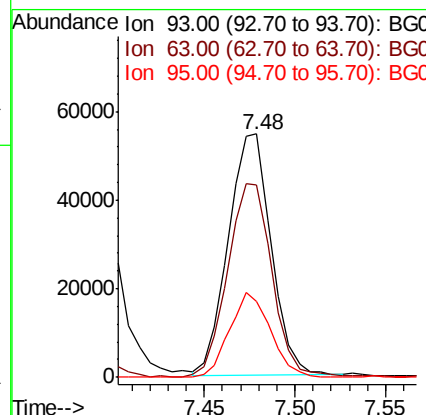
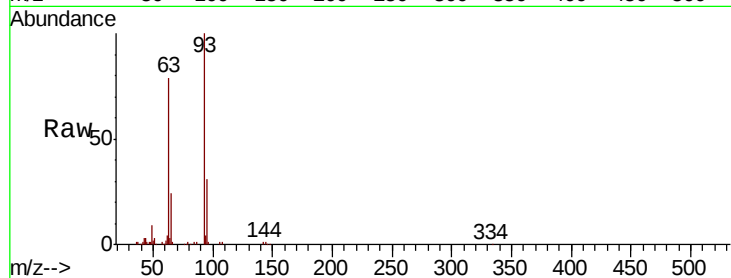




#11
 bis(2-Chloroethyl)ether
 Concen: 37.006 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

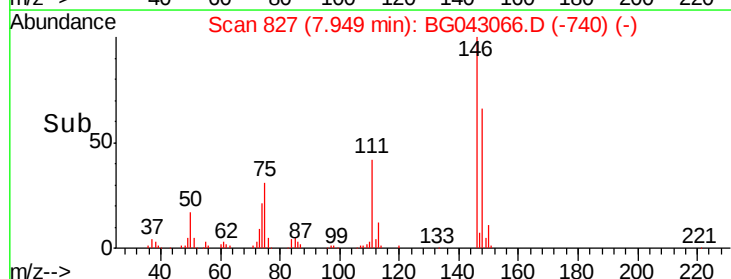
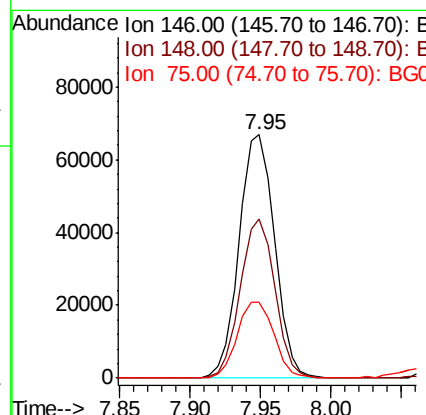
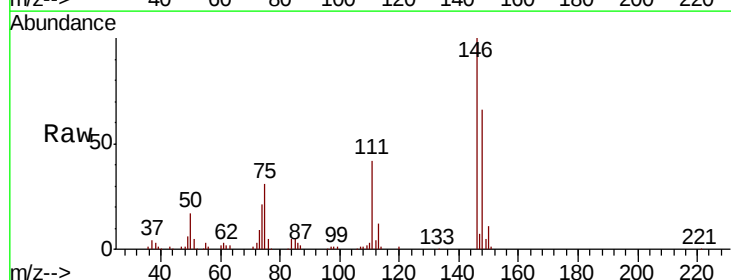
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

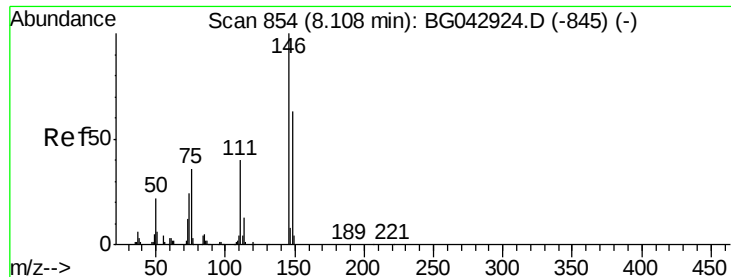
Tot Ion	93	Resp	89603
Ion	Ratio	Lower	Upper
93	100		
63	79.2	67.4	107.4
95	31.0	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 37.370 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion	146	Resp	117755
Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.7	76.1
75	31.3	27.7	41.5

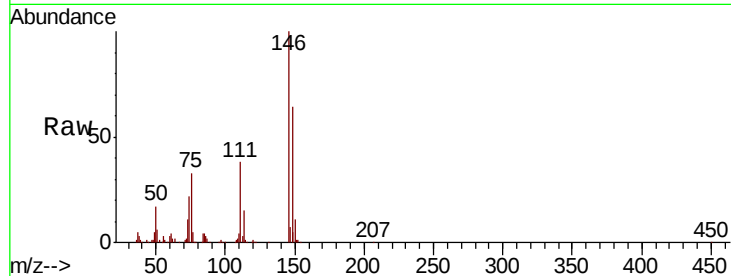




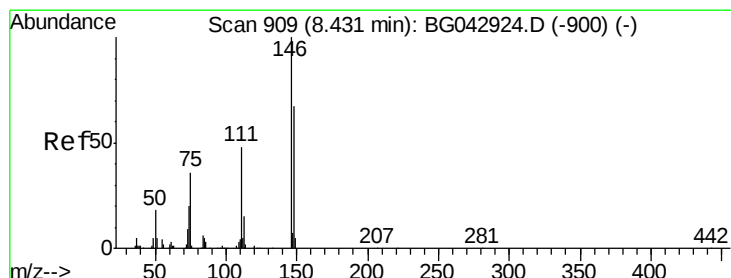
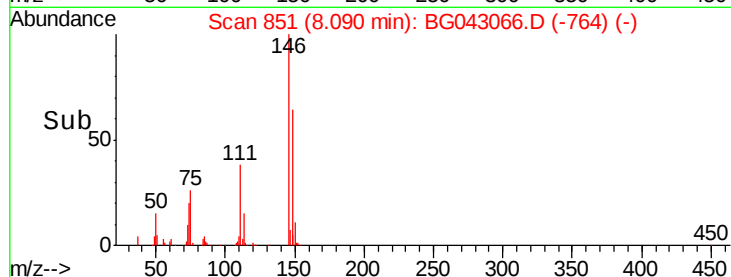
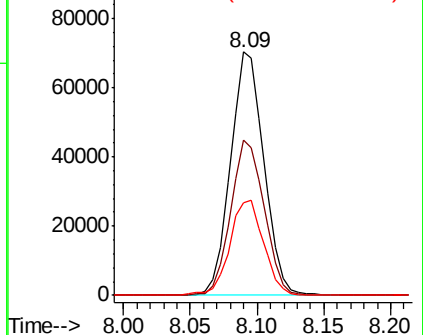
#13
 1,4-Dichlorobenzene
 Concen: 38.910 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:146 Resp: 122225
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.9 76.3
 111 38.1 31.8 47.8

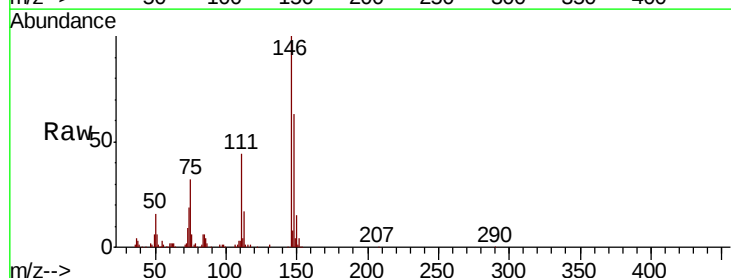


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

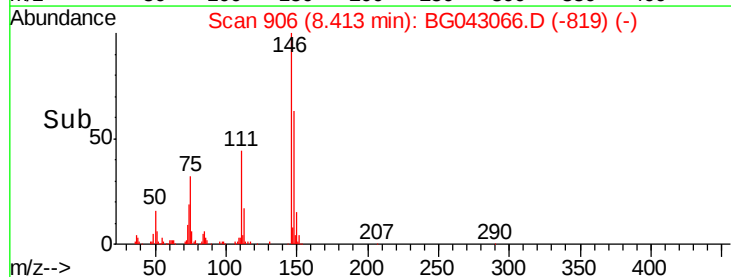
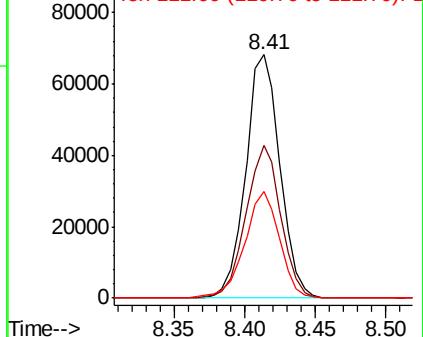


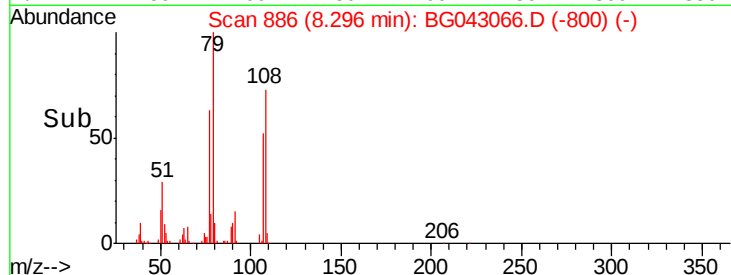
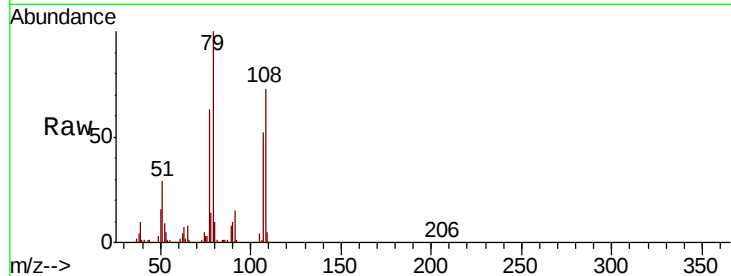
#14
 1,2-Dichlorobenzene
 Concen: 38.795 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion:146 Resp: 116020
 Ion Ratio Lower Upper
 146 100
 148 62.6 53.4 80.2
 111 43.7 38.5 57.7



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

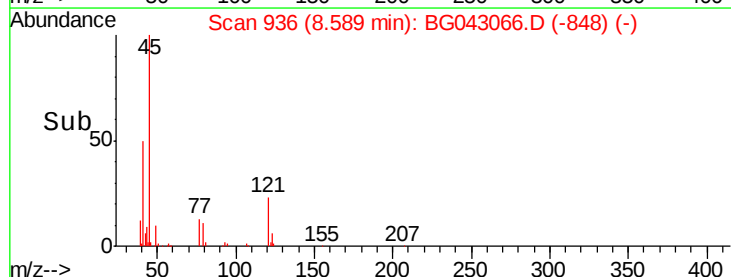
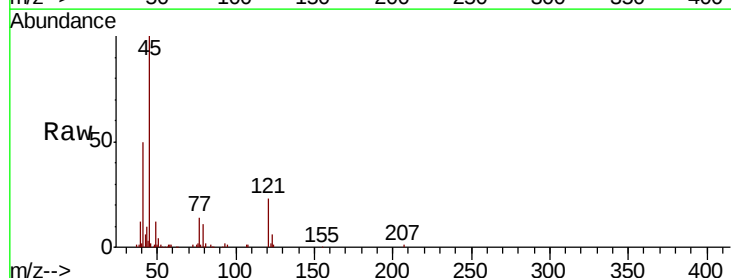
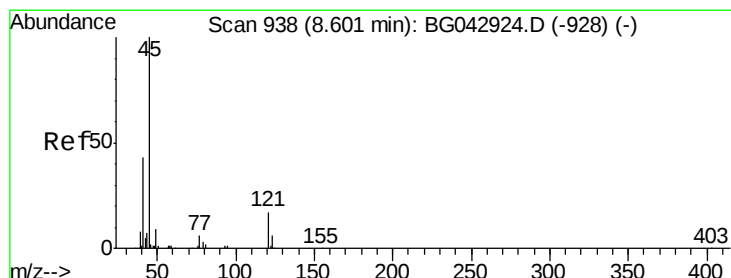
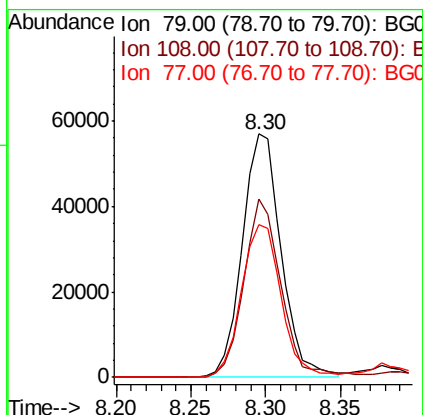




#15
Benzyl Alcohol
Concen: 39.834 ng
RT: 8.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

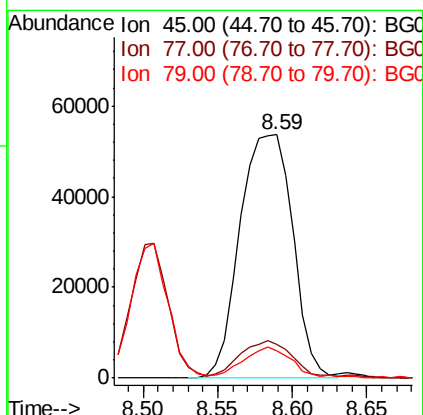
Tot Ion	Ratio	Lower	Upper
79	100		
108	73.2	55.7	83.5
77	63.0	53.3	79.9

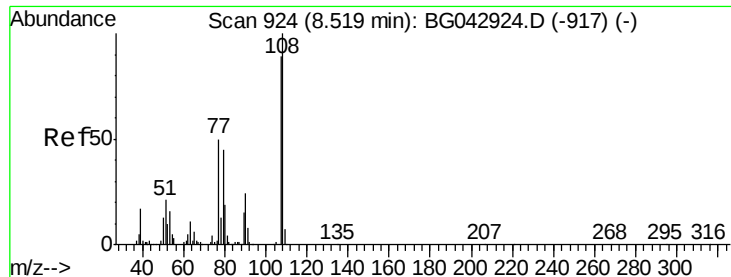
Instrument :
BNA_G
ClientSampleId :
PB123594BS



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.352 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	32.8
79	11.3	0.0	29.4





#17

2-Methylphenol

Concen: 42.585 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion:107 Resp: 93246

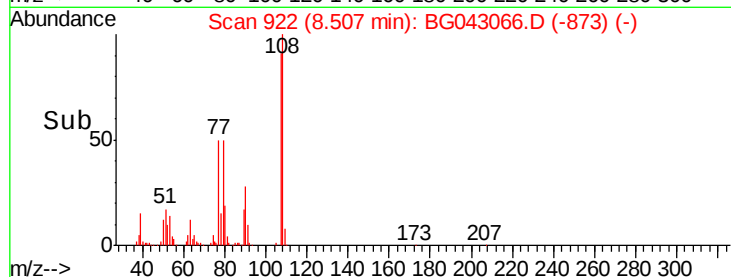
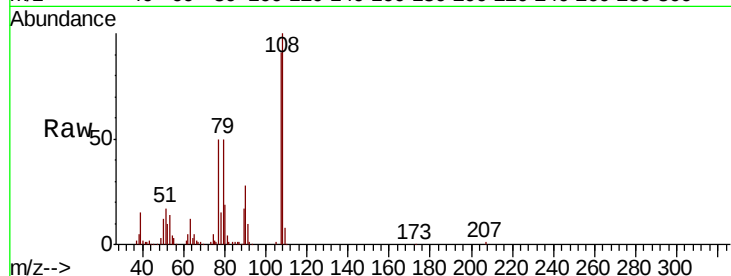
Ion Ratio Lower Upper

107 100

108 109.9 89.9 134.9

77 55.0 45.4 68.2

79 55.1 41.4 62.0

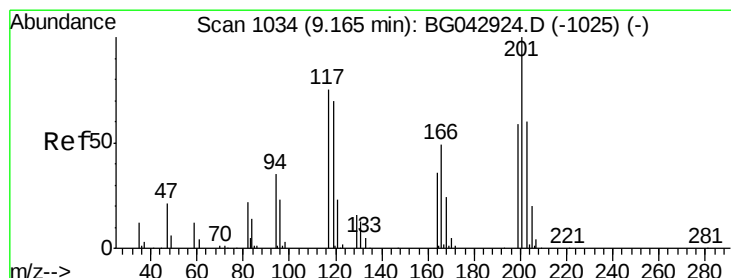
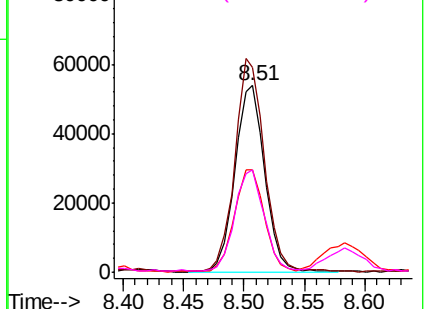


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.065 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

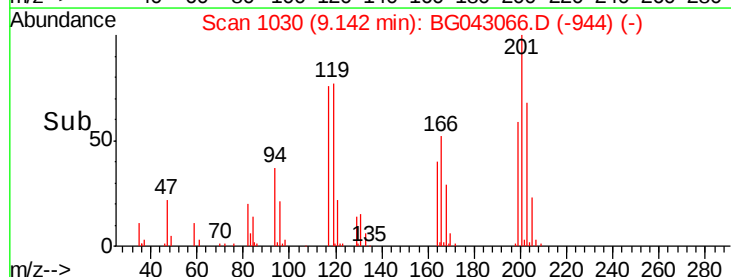
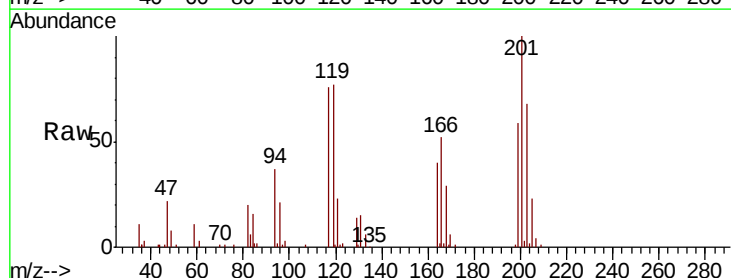
Tgt Ion:117 Resp: 41483

Ion Ratio Lower Upper

117 100

119 101.3 74.6 111.8

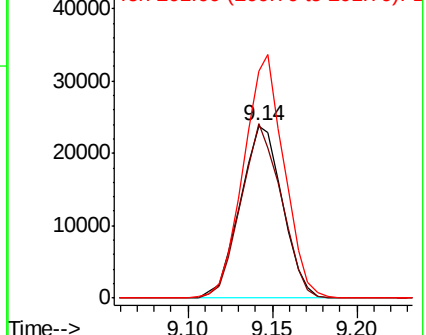
201 131.7 106.0 159.0

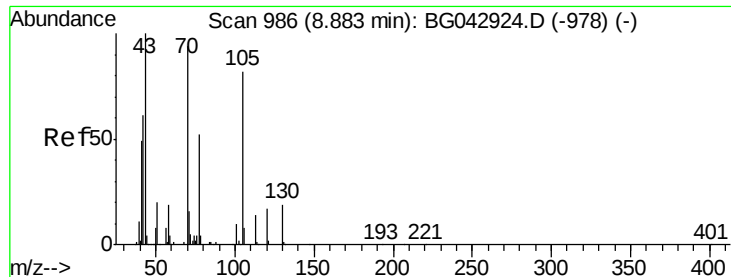


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

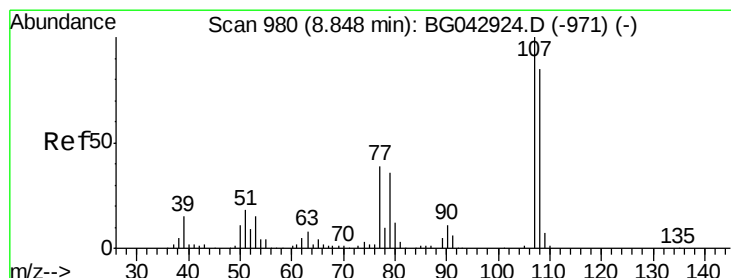
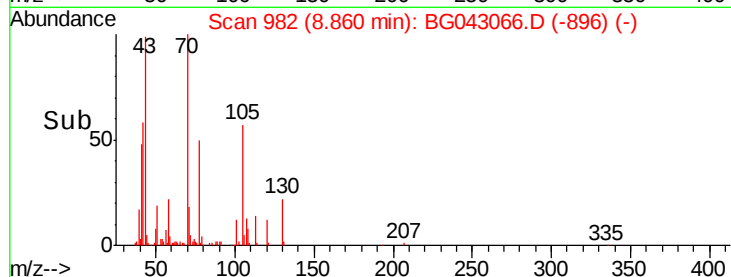
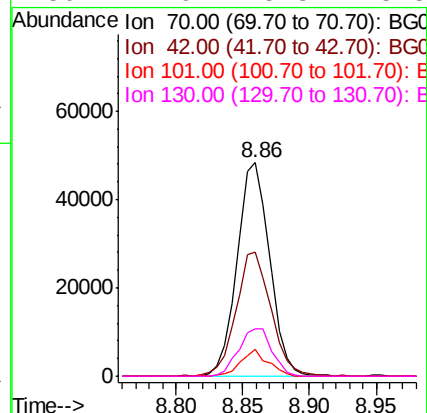
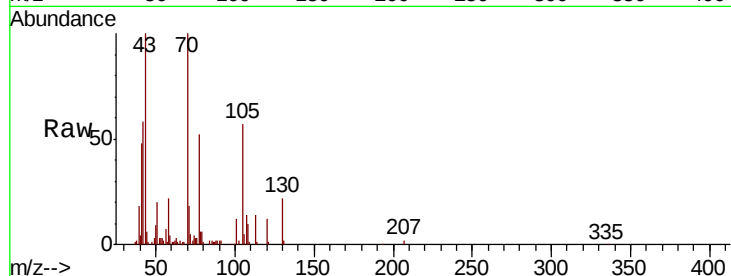




#19
n-Nitroso-di-n-propylamine
Concen: 36.606 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

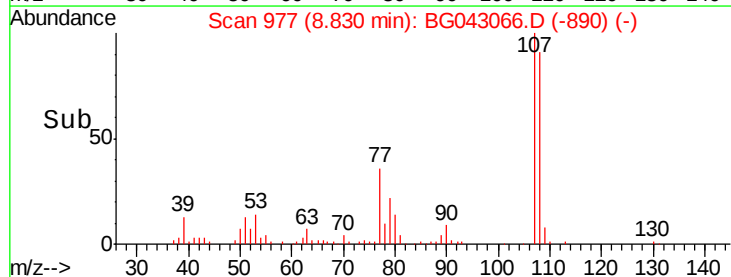
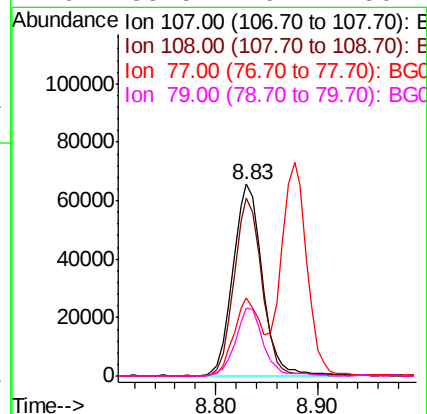
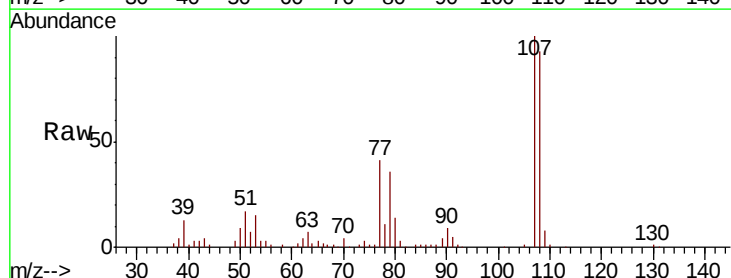
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:	70	Resp:	81985
Ion	Ratio	Lower	Upper
70	100		
42	58.4	52.6	79.0
101	12.4	8.7	13.1
130	21.9	15.8	23.8



#20
3+4-Methylphenols
Concen: 43.901 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion:	107	Resp:	131733
Ion	Ratio	Lower	Upper
107	100		
108	93.2	64.9	104.9
77	41.0	19.4	59.4
79	35.5	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion:136 Resp: 167140

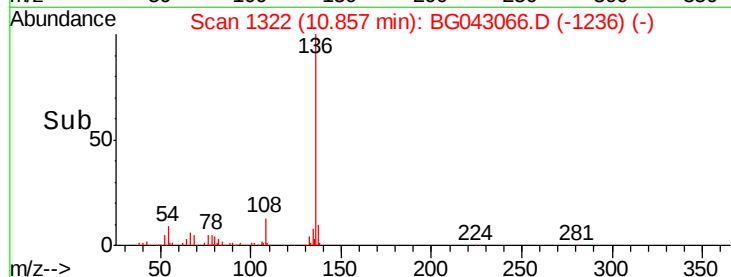
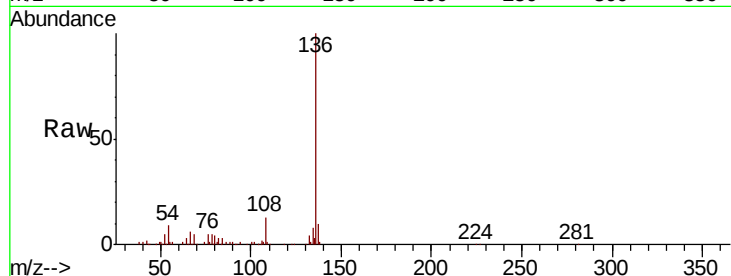
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 8.7 7.4 11.2

68 4.7 3.6 5.4

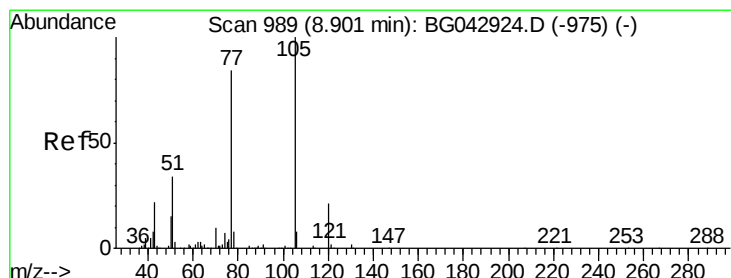
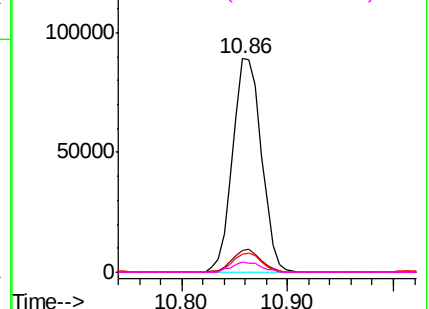


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.467 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Tgt Ion:105 Resp: 157114

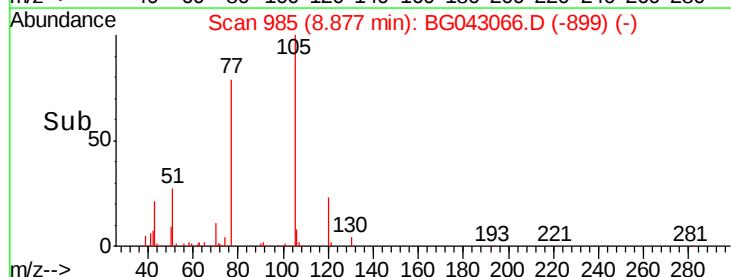
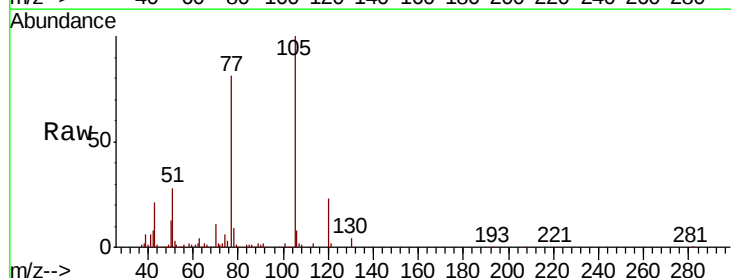
Ion Ratio Lower Upper

105 100

71 1.7 1.2 1.8

51 27.8 27.2 40.8

120 23.5 16.9 25.3

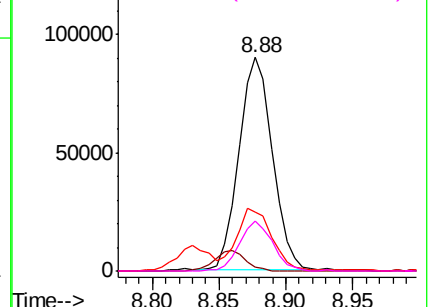


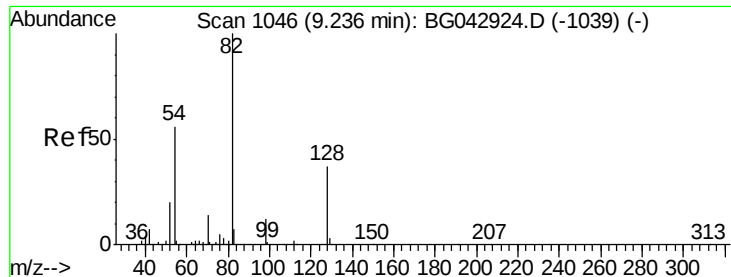
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 58.151 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

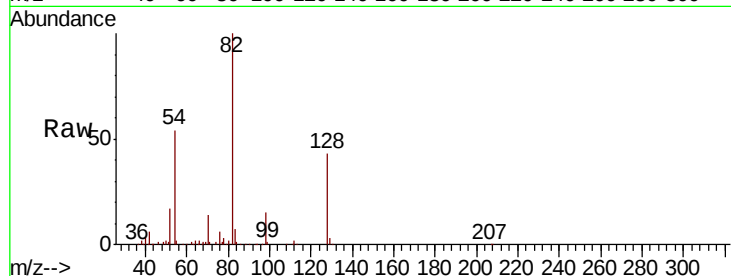
Tot Ion: 82 Resp: 199965

Ion Ratio Lower Upper

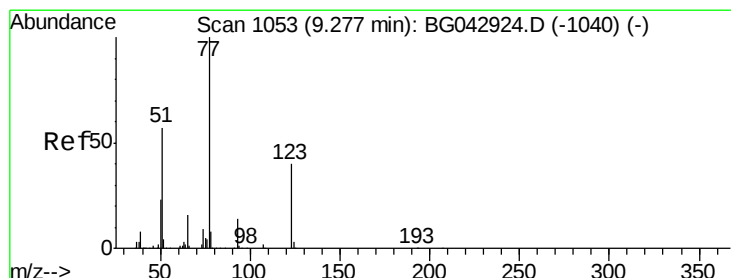
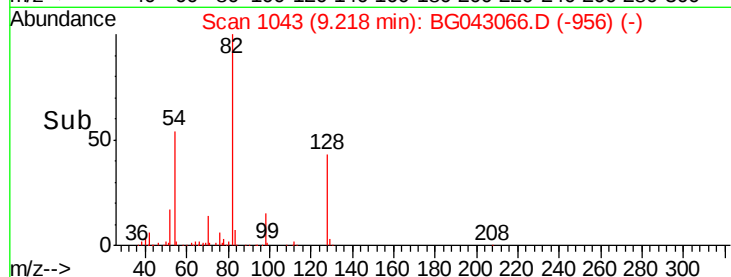
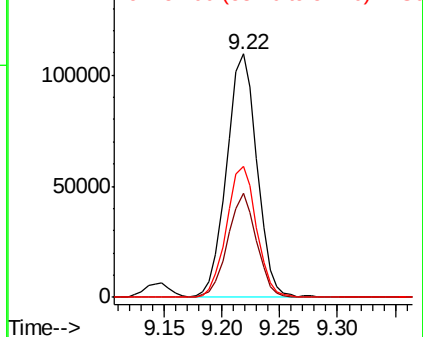
82 100

128 42.9 29.5 44.3

54 53.6 44.6 67.0



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: 38.999 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

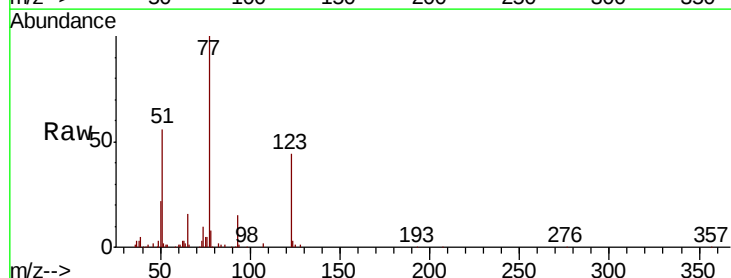
Tgt Ion: 77 Resp: 127916

Ion Ratio Lower Upper

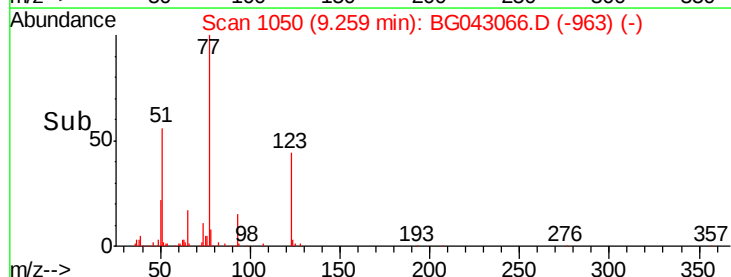
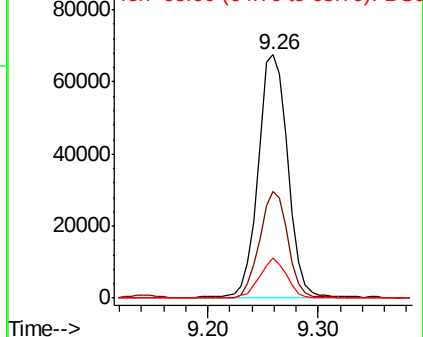
77 100

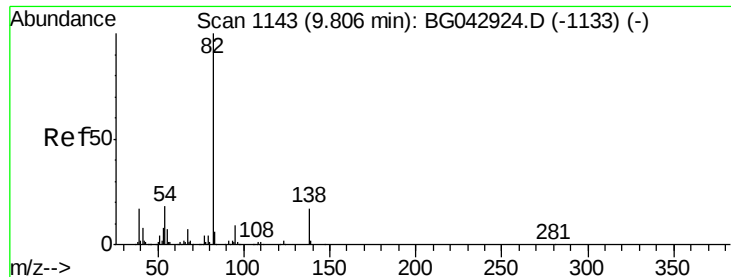
123 44.0 31.9 47.9

65 16.5 12.4 18.6



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: 38.685 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

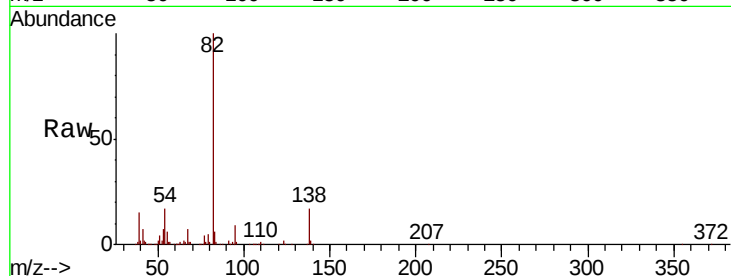
Tot Ion: 82 Resp: 233668

Ion Ratio Lower Upper

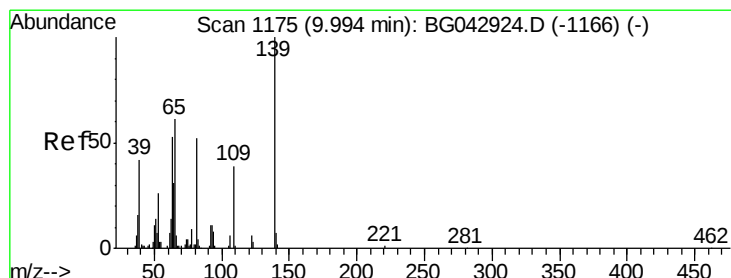
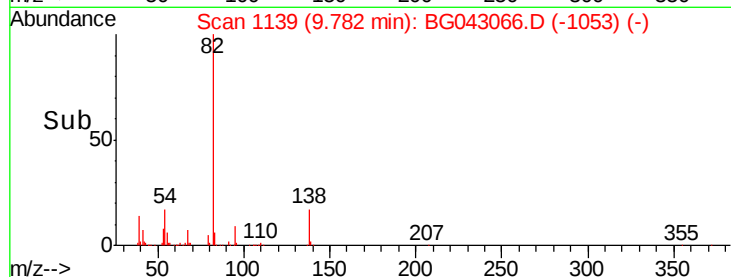
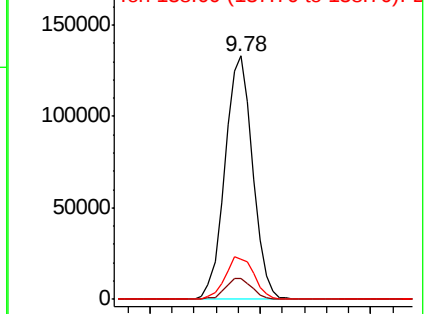
82 100

95 8.5 7.0 10.4

138 16.5 13.8 20.6



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



#26

2-Nitrophenol

Concen: 42.719 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

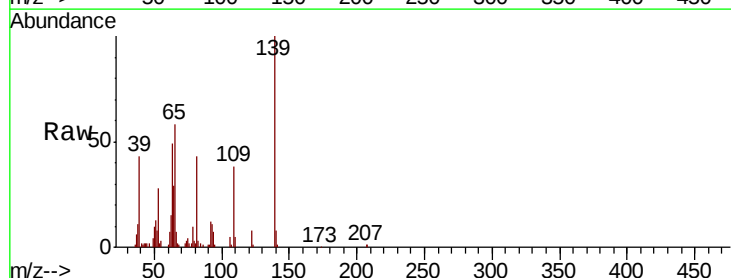
Tgt Ion: 139 Resp: 59649

Ion Ratio Lower Upper

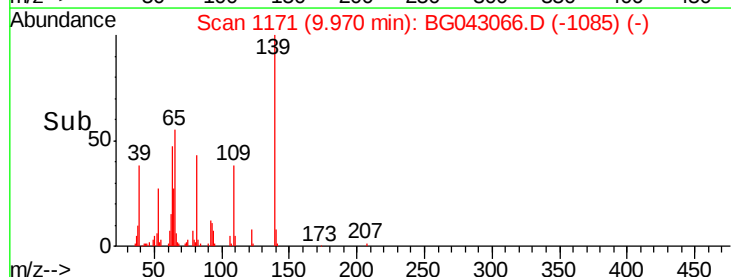
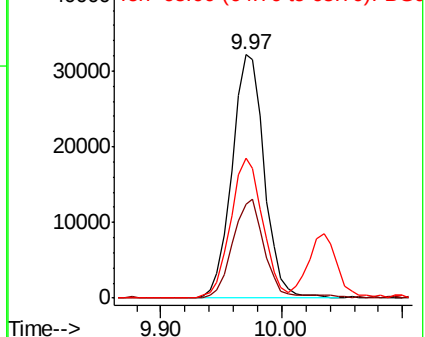
139 100

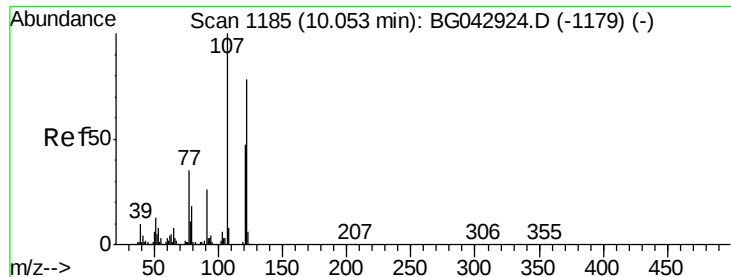
109 38.4 31.0 46.6

65 57.6 48.4 72.6



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





#27

2,4-Dimethylphenol

Concen: 49.851 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

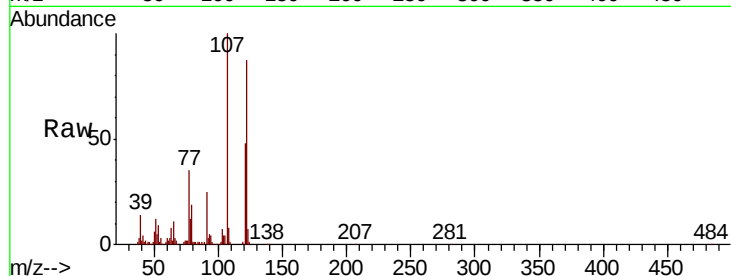
Tot Ion:122 Resp: 106898

Ion Ratio Lower Upper

122 100

107 115.5 102.2 153.2

121 55.0 48.5 72.7

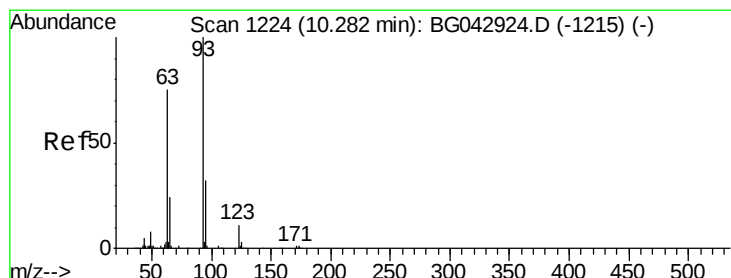
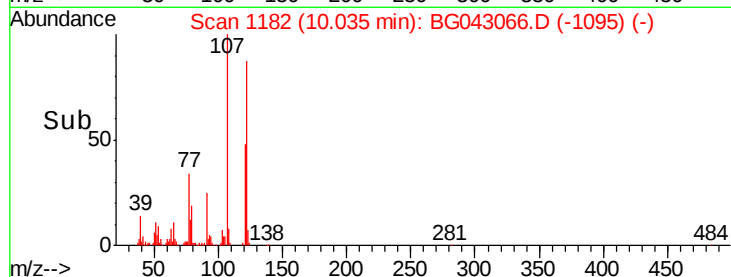
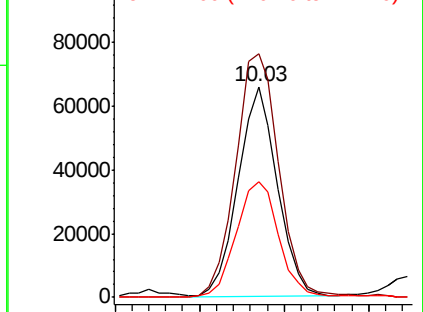


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.447 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

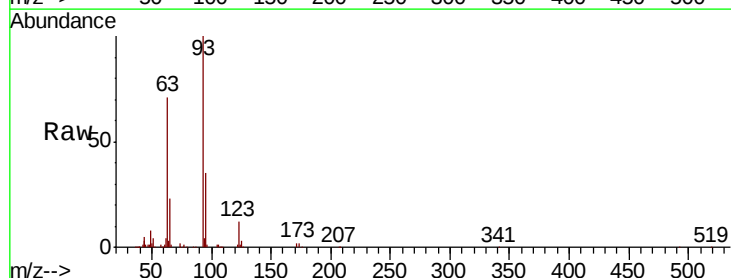
Tgt Ion: 93 Resp: 128332

Ion Ratio Lower Upper

93 100

95 34.5 25.4 38.0

123 12.1 9.3 13.9

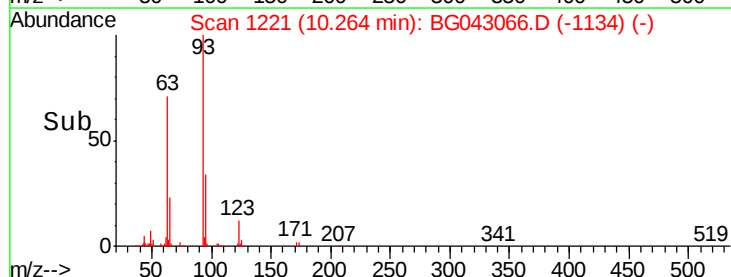
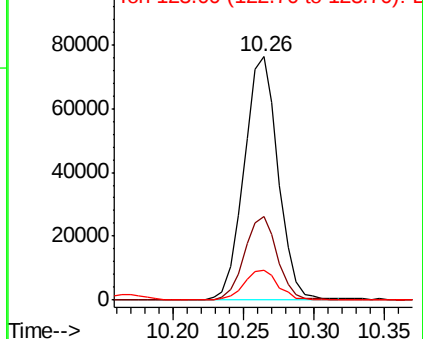


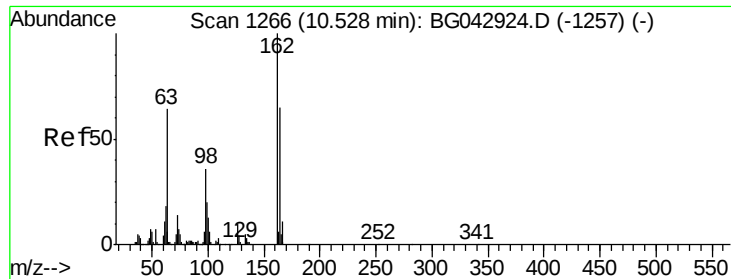
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

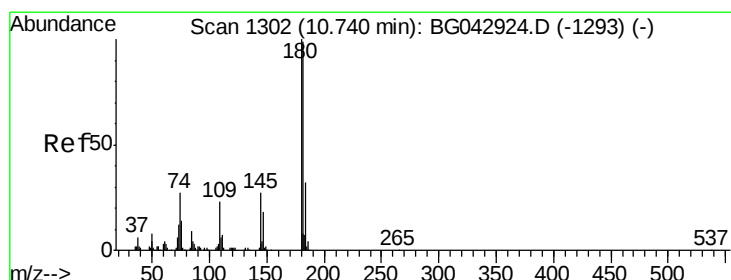
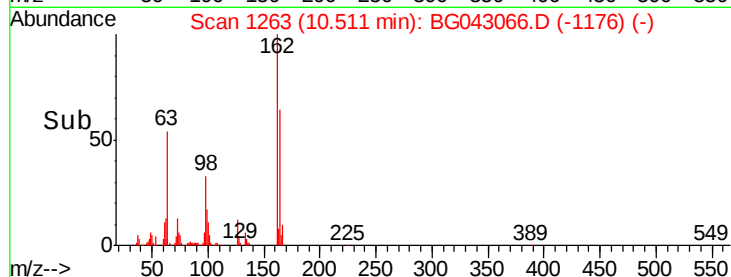
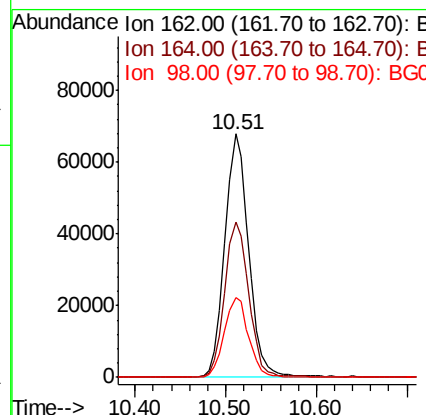
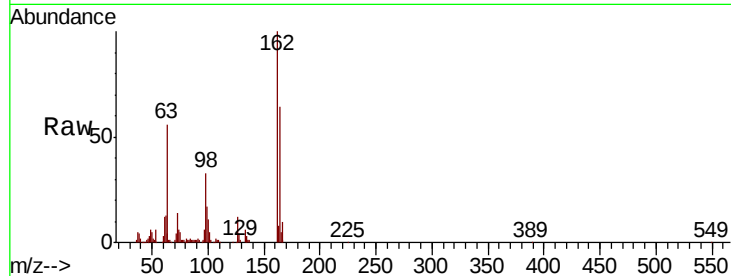




#29
 2,4-Dichlorophenol
 Concen: 46.489 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

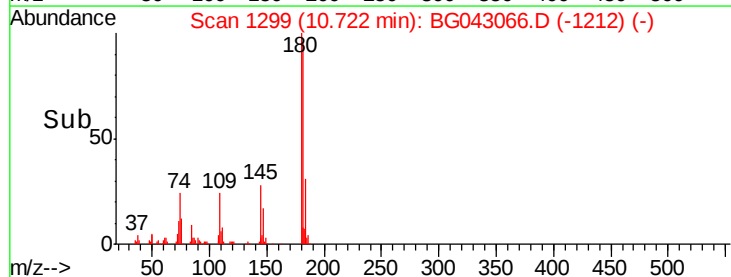
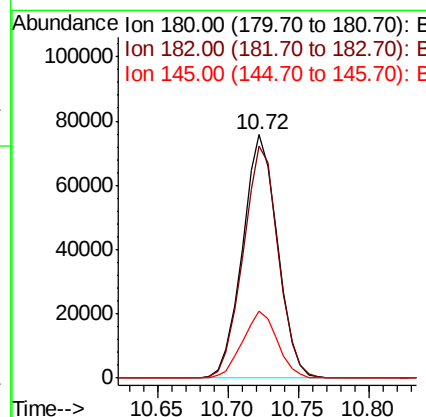
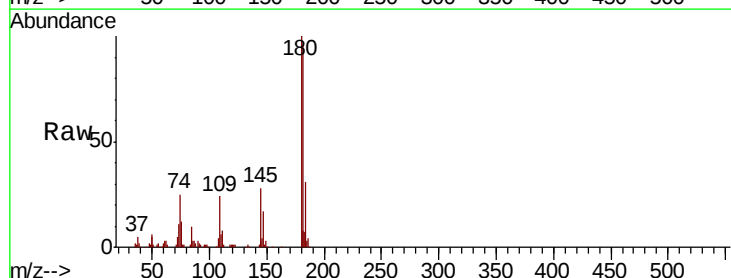
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:162 Resp: 123980
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.7 84.7
 98 32.9 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.039 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion:180 Resp: 131006
 Ion Ratio Lower Upper
 180 100
 182 95.5 79.3 118.9
 145 27.6 22.0 33.0

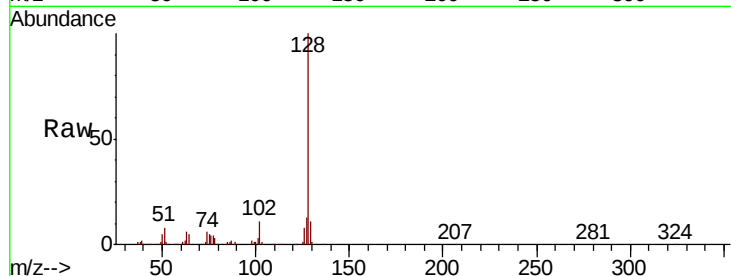




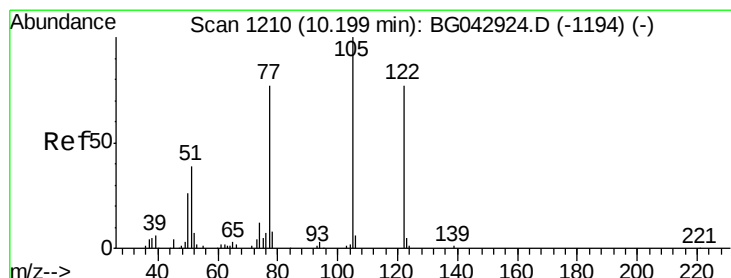
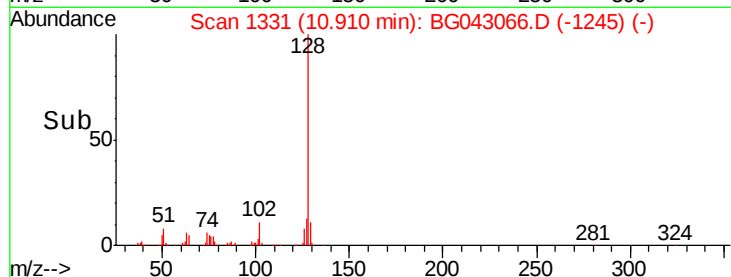
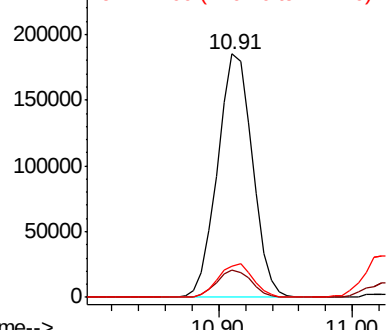
#31
Naphthalene
Concen: 40.535 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.7	11.3	16.9

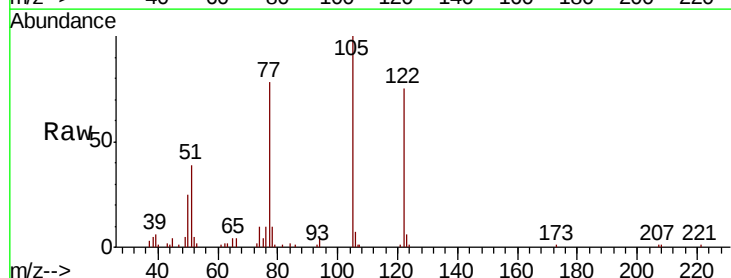


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

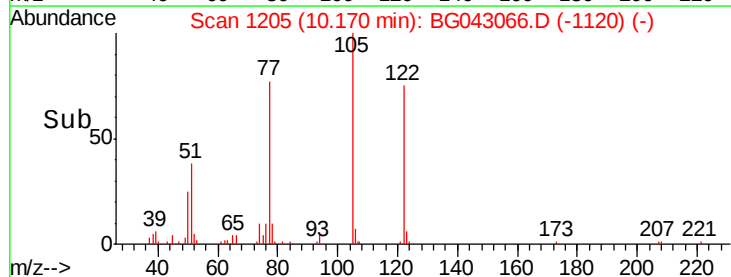
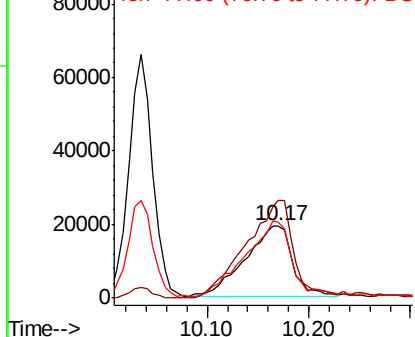


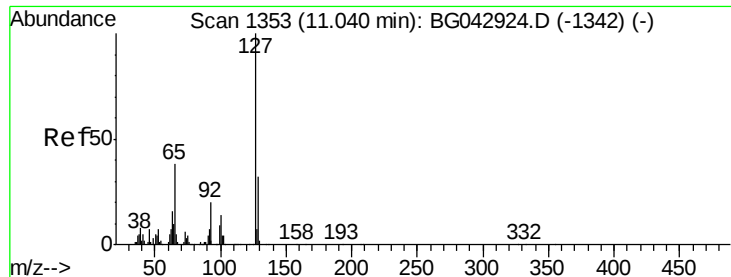
#32
Benzoic acid
Concen: 38.636 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.1	107.5	147.5
77	104.4	79.8	119.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

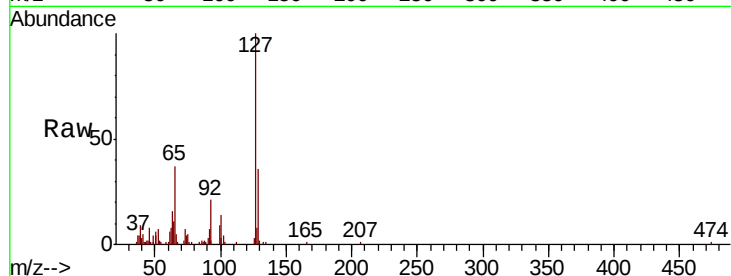




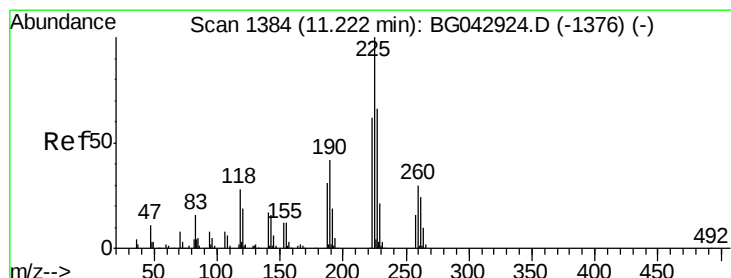
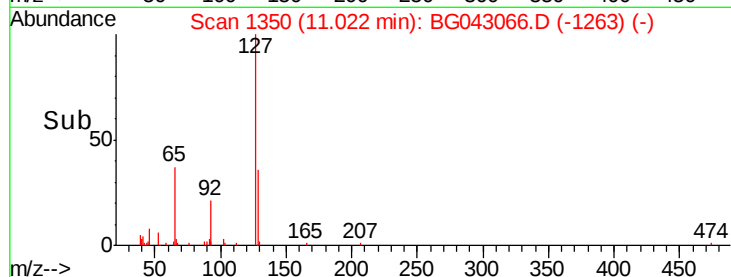
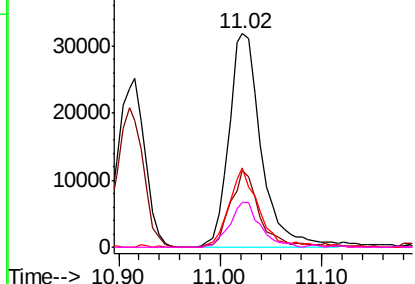
#33
4-Chloroaniline
Concen: 19.776 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:	127	Resp:	70606
Ion	Ratio	Lower	Upper
127	100		
129	36.0	26.2	39.2
65	37.3	30.6	45.8
92	21.0	16.2	24.4

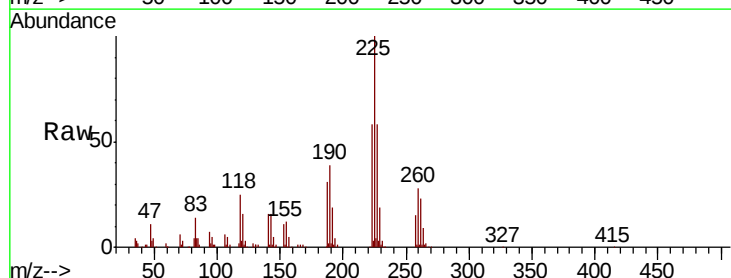


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

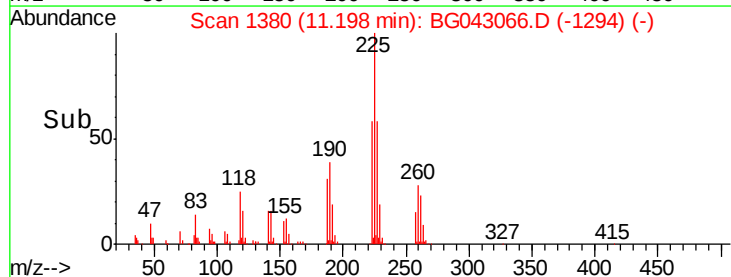
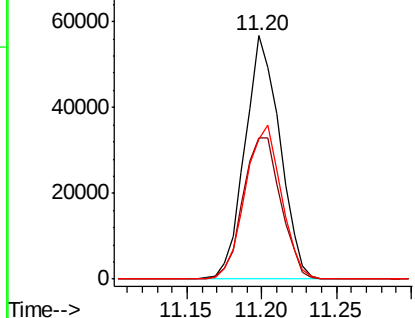


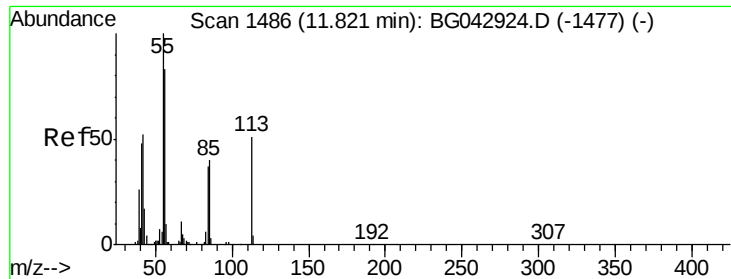
#34
Hexachlorobutadiene
Concen: 35.550 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion:	225	Resp:	91673
Ion	Ratio	Lower	Upper
225	100		
223	57.8	49.3	73.9
227	57.6	52.8	79.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.565 ng

RT: 11.79 min Scan# 1480

Delta R.T. -0.04 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

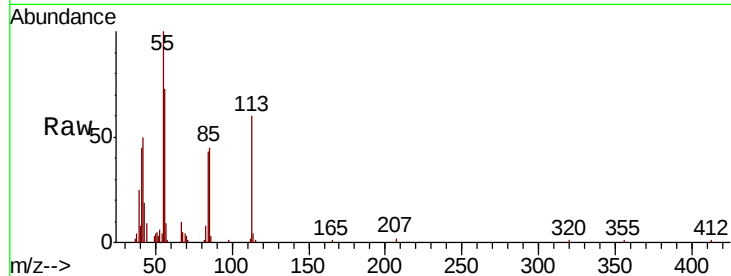
Tot Ion:113 Resp: 22162

Ion Ratio Lower Upper

113 100

55 167.8 175.5 215.5#

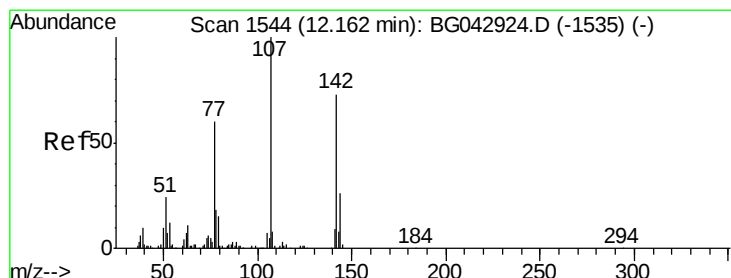
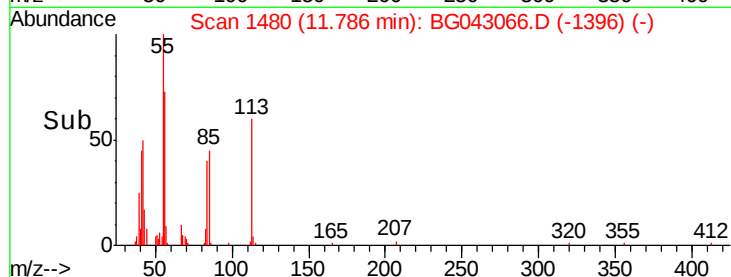
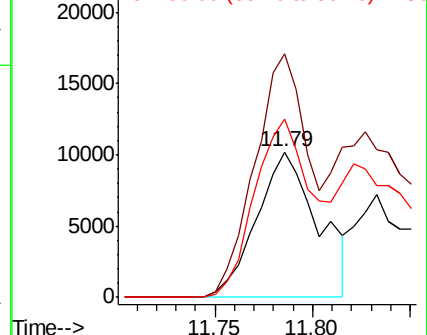
56 122.8 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.875 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

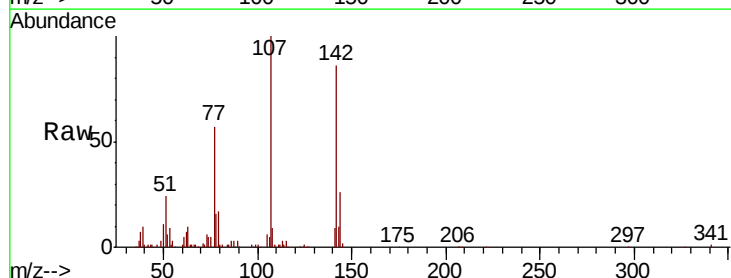
Tgt Ion:107 Resp: 130123

Ion Ratio Lower Upper

107 100

144 26.2 20.7 31.1

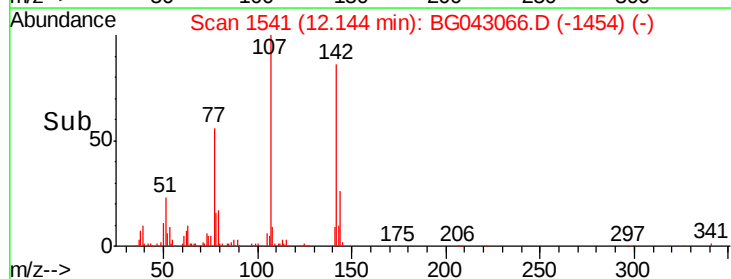
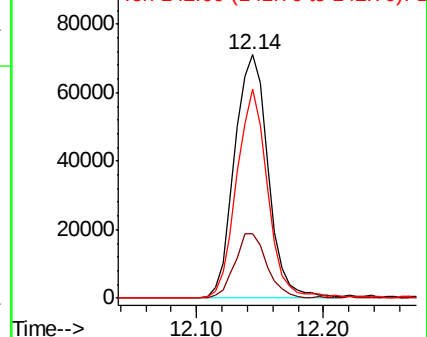
142 85.8 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

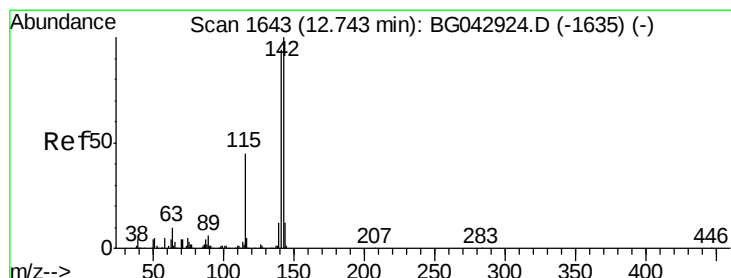
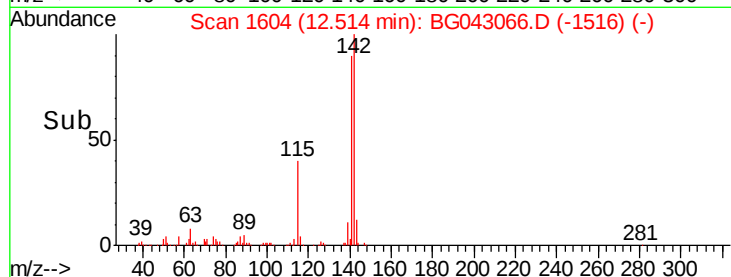
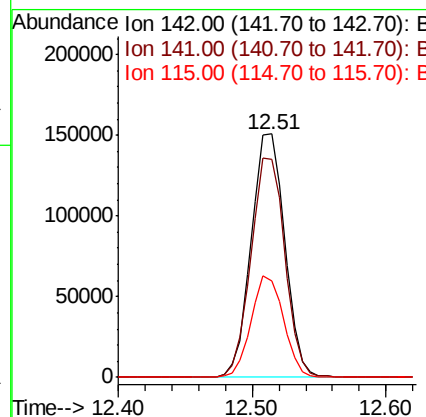
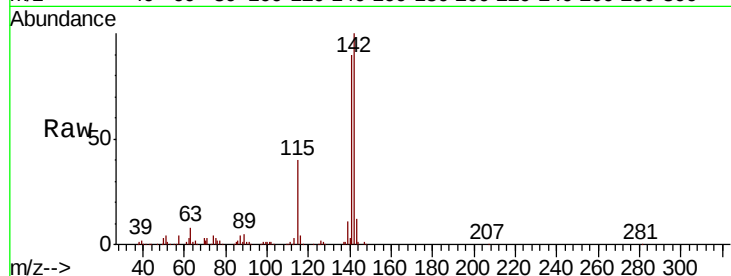




#37
 2-Methylnaphthalene
 Concen: 41.732 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

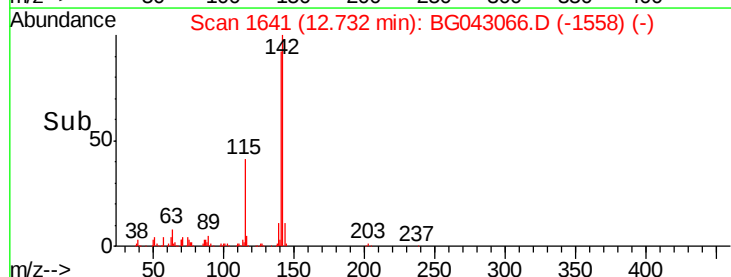
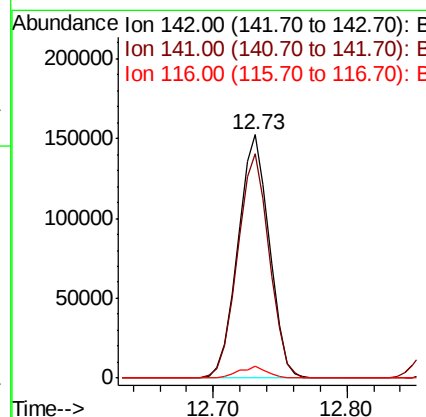
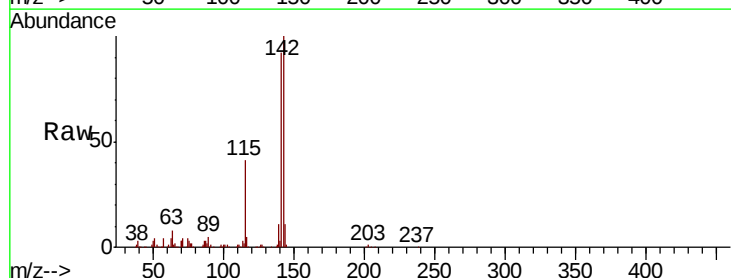
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

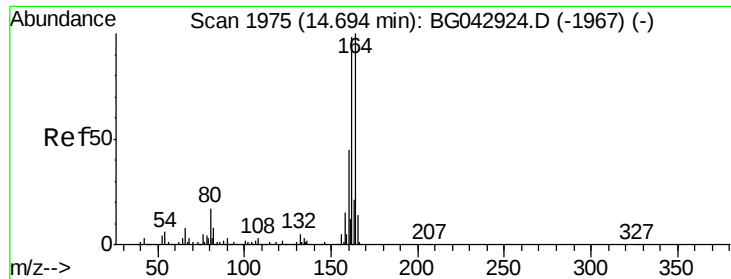
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.0	103.4
115	39.8	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 41.879 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.9	112.3
116	4.7	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

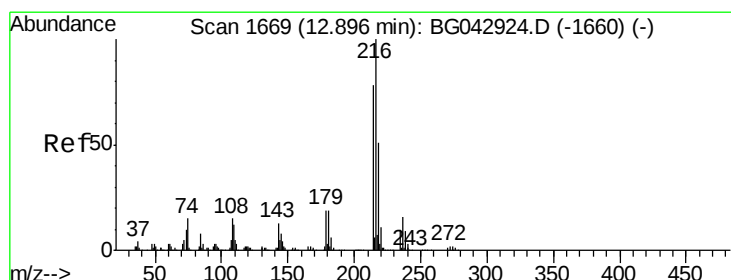
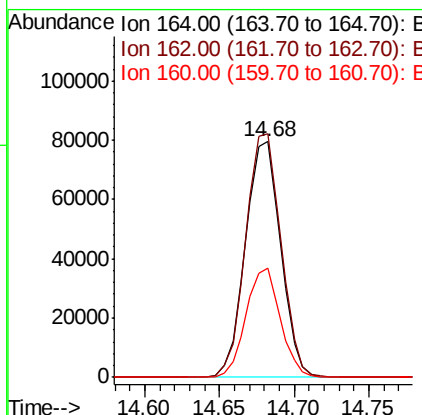
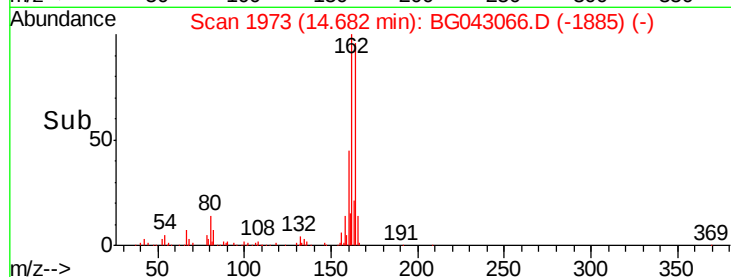
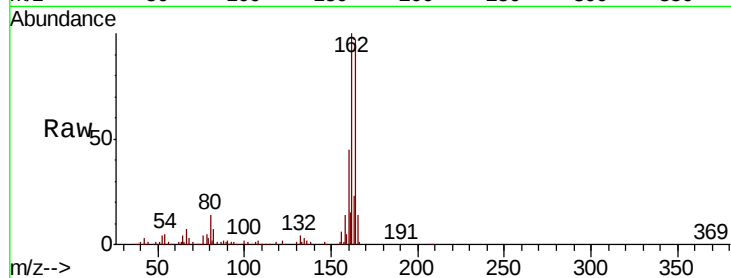
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:164 Resp: 129592

Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.5	117.7
160	46.5	35.9	53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.127 ng

RT: 12.88 min Scan# 1666

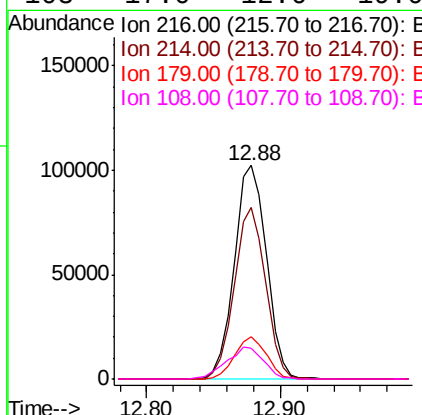
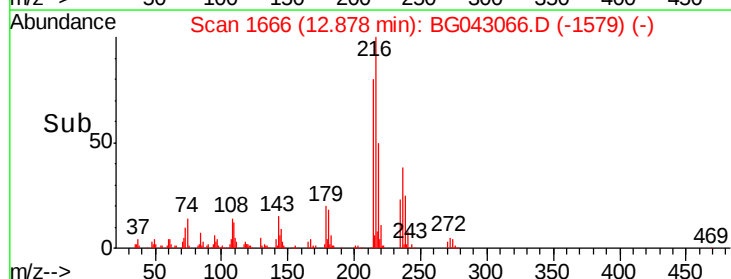
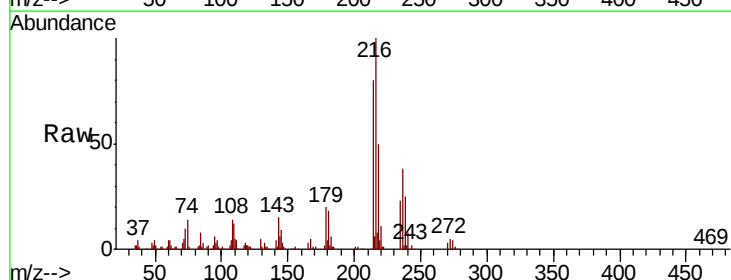
Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Tgt Ion:216 Resp: 171160

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.4	93.6
179	19.6	15.4	23.2
108	17.0	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 80.163 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

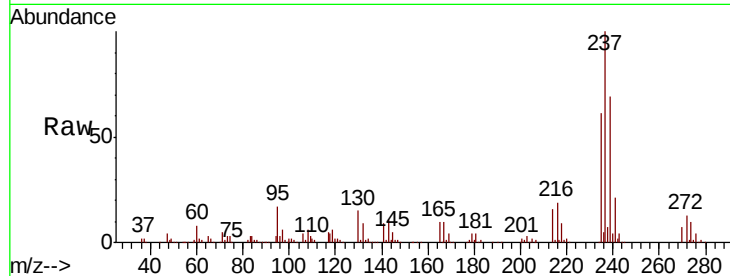
Tot Ion:237 Resp: 248871

Ion Ratio Lower Upper

237 100

235 61.3 46.7 86.7

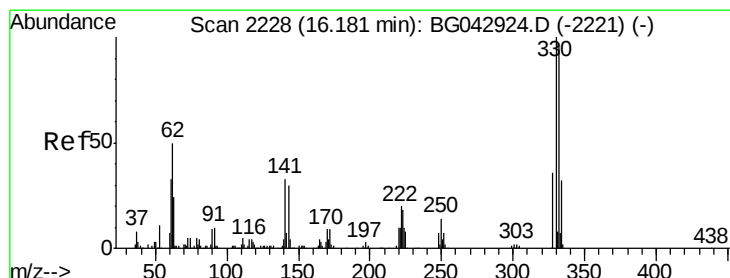
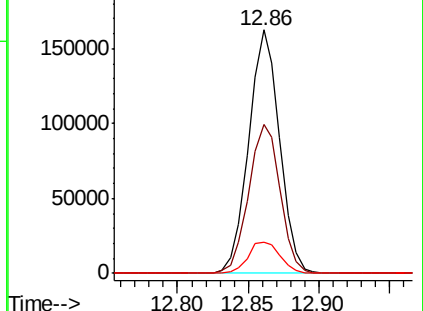
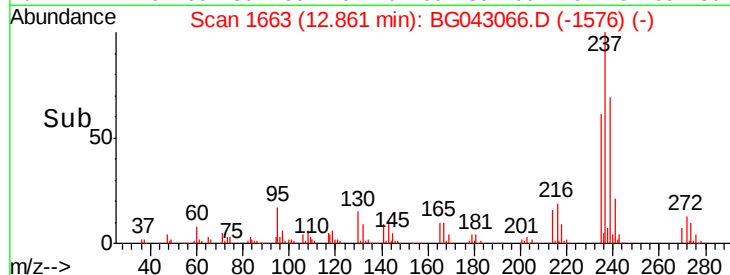
272 12.7 0.0 32.3



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: 121.193 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

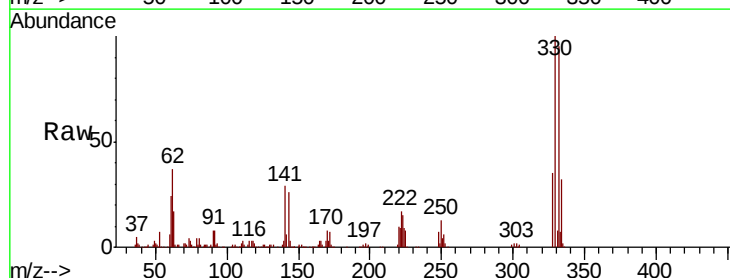
Tgt Ion:330 Resp: 270068

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.2

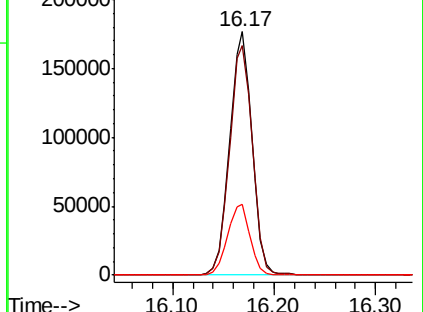
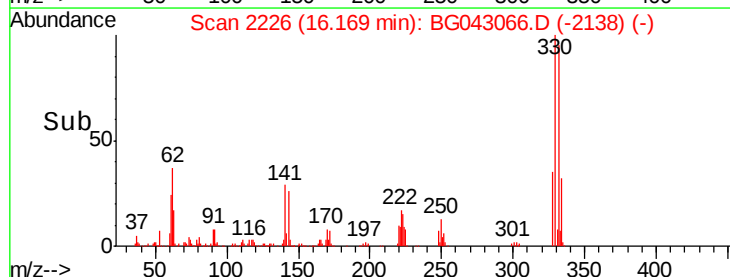
141 29.1 26.0 39.0

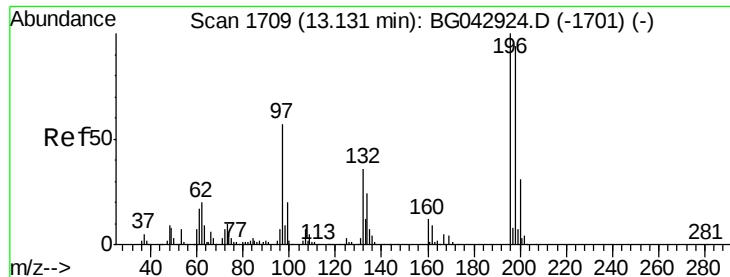


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

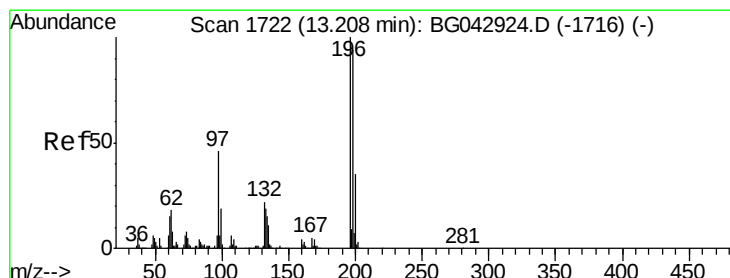
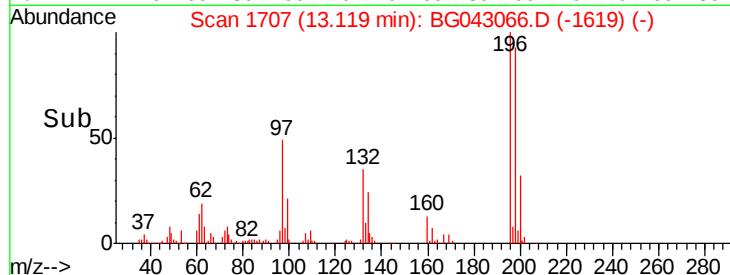
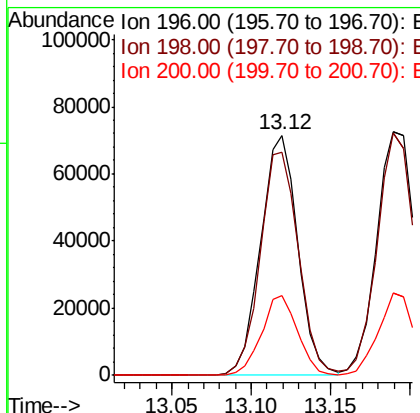
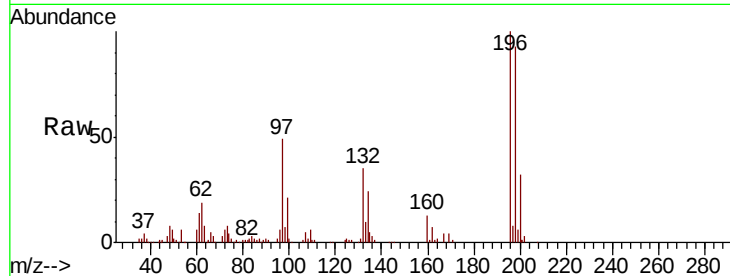




#43
 2,4,6-Trichlorophenol
 Concen: 40.998 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

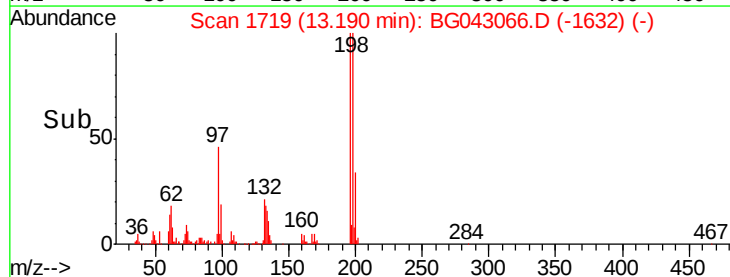
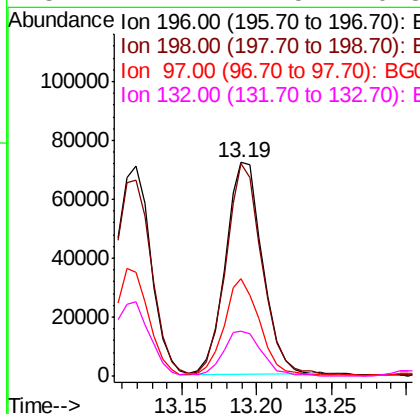
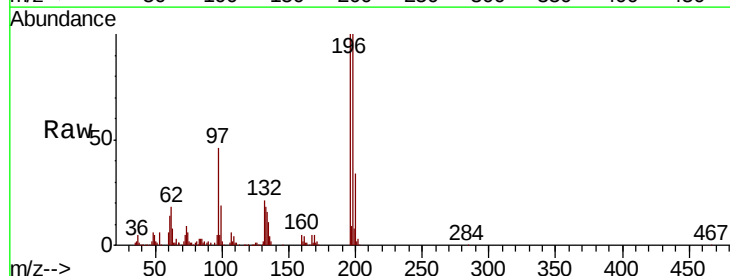
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:196 Resp: 116922
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.5 113.3
 200 33.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.490 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion:196 Resp: 124833
 Ion Ratio Lower Upper
 196 100
 198 99.5 75.1 112.7
 97 45.7 37.0 55.4
 132 21.2 17.5 26.3

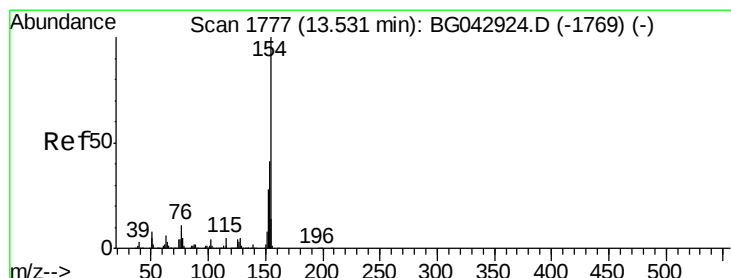
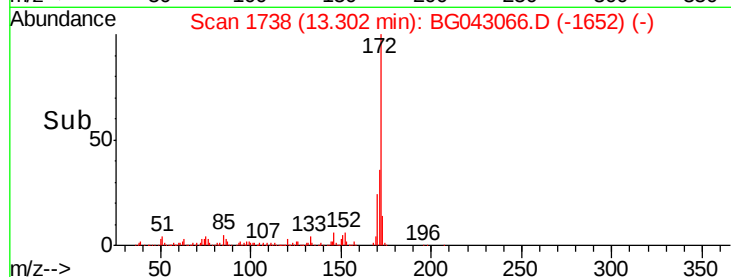
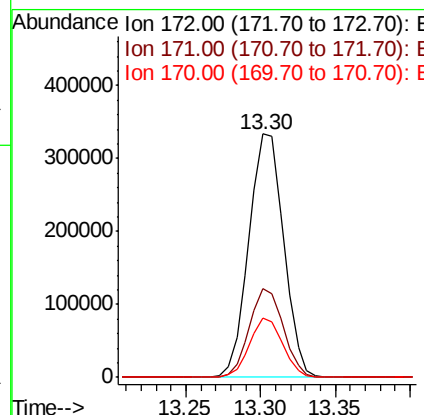
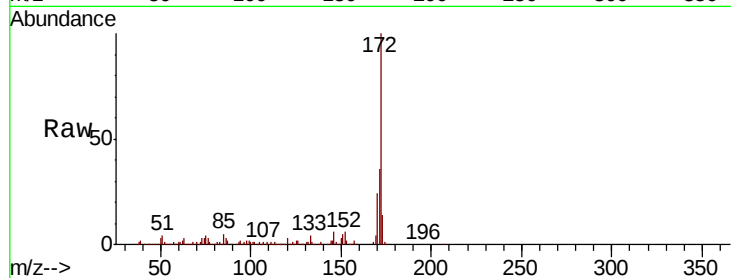




#45
 2-Fluorobiphenyl
 Concen: 60.279 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

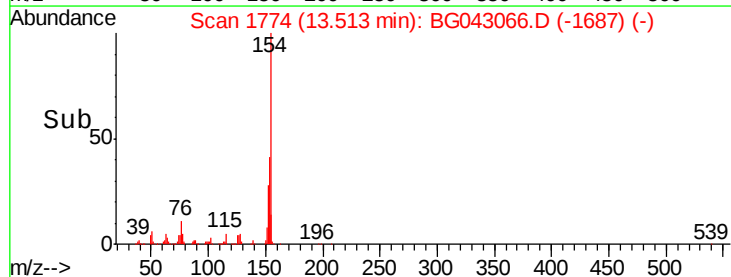
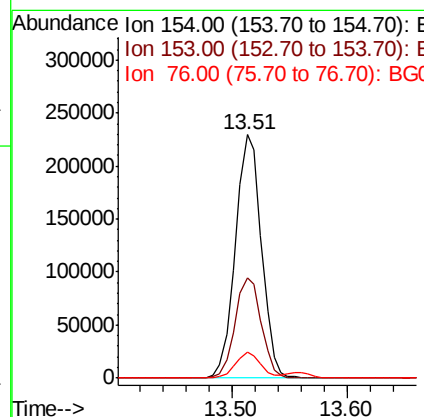
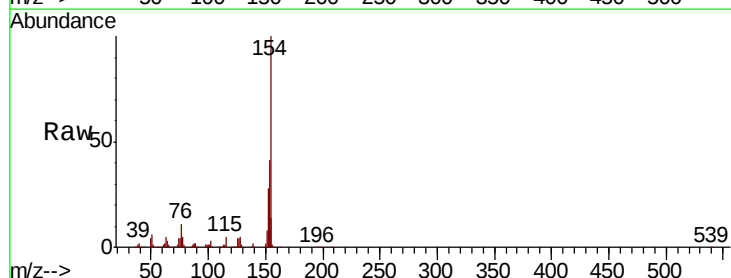
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

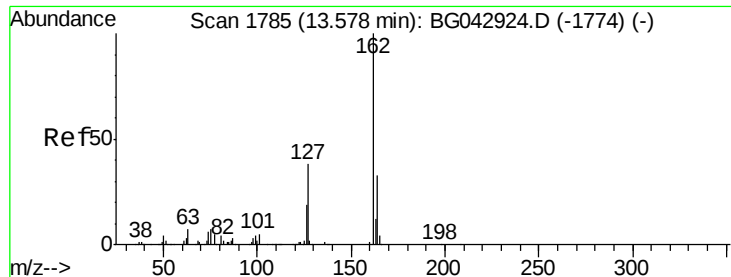
Tot Ion:172 Resp: 538852
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 19.6 29.4



#46
 1,1'-Biphenyl
 Concen: 36.433 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion:154 Resp: 358050
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.4 61.4
 76 10.7 0.0 31.3

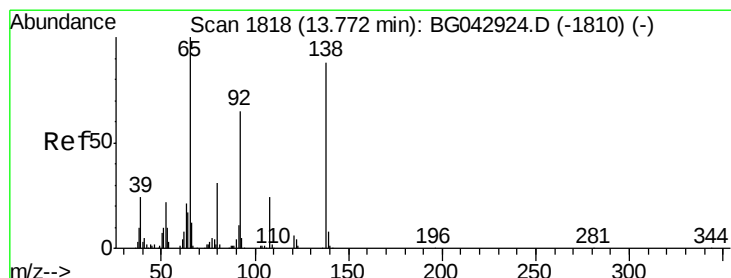
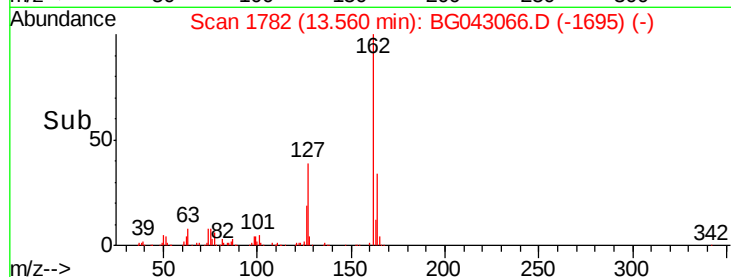
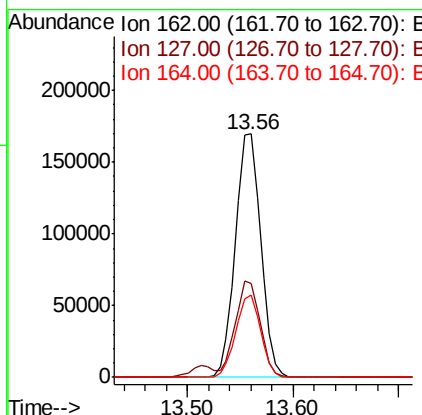
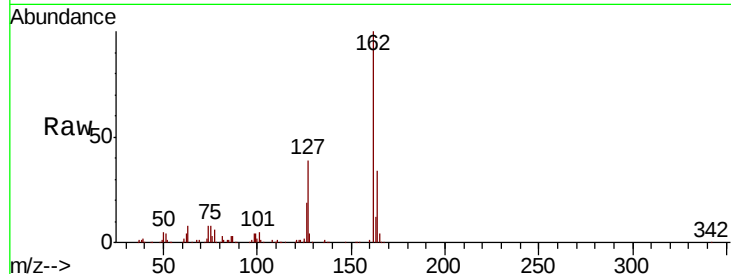




#47
 2-Chloronaphthalene
 Concen: 38.281 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

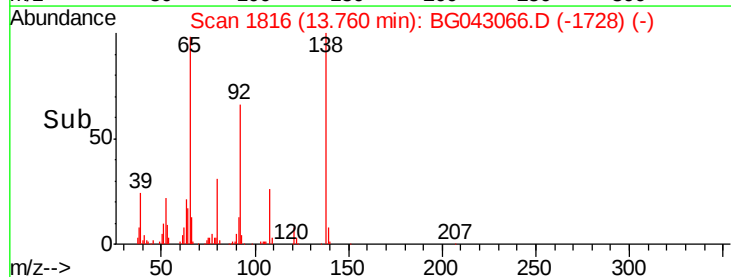
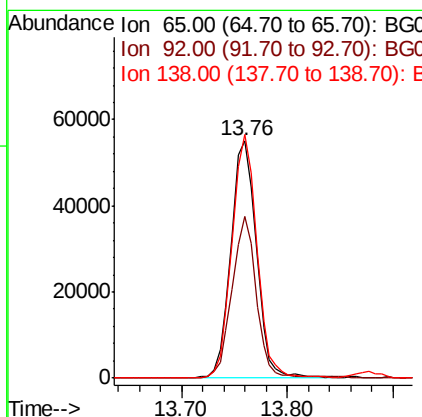
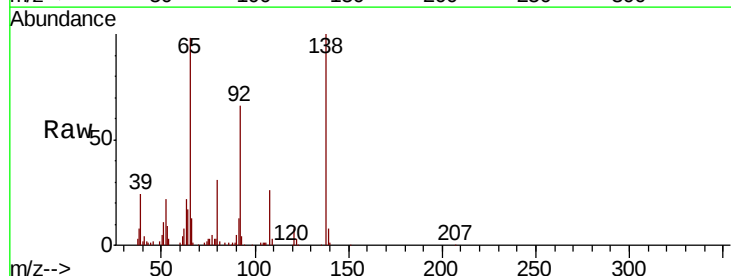
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

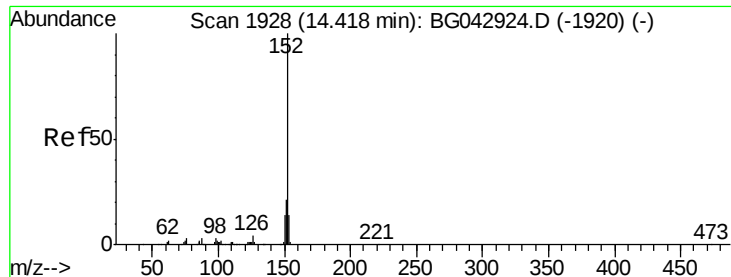
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.0	46.6
164	33.9	26.2	39.2



#48
 2-Nitroaniline
 Concen: 37.505 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.0	78.0
138	102.4	70.4	105.6





#49

Acenaphthylene

Concen: 41.214 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

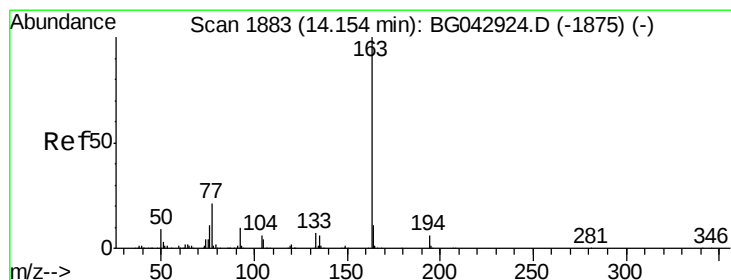
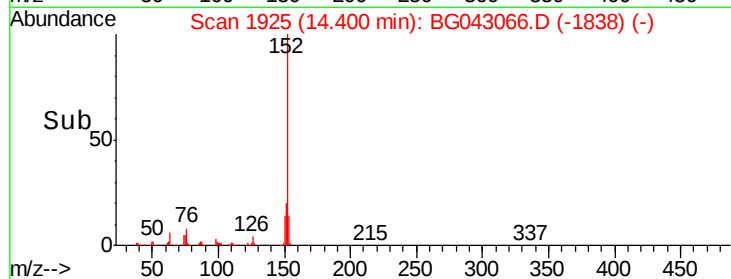
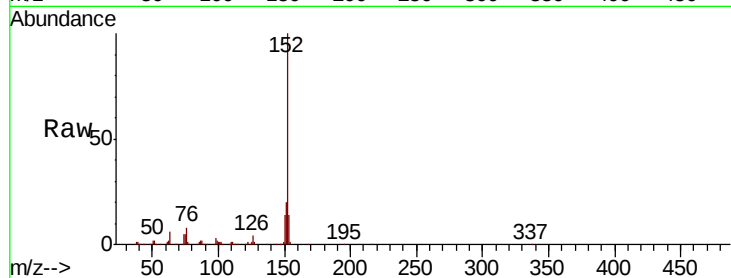
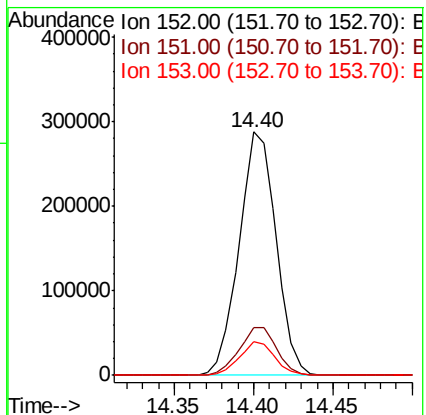
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:152 Resp: 464667

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.9	11.3	16.9



#50

Dimethylphthalate

Concen: 39.885 ng

RT: 14.13 min Scan# 1879

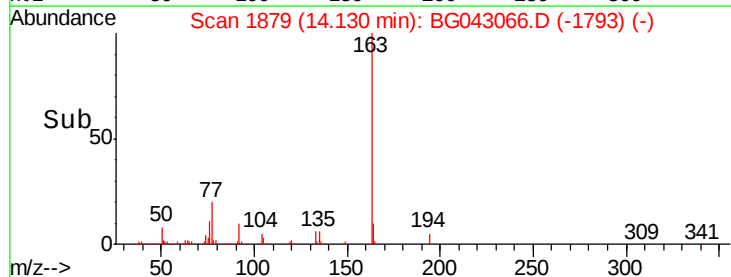
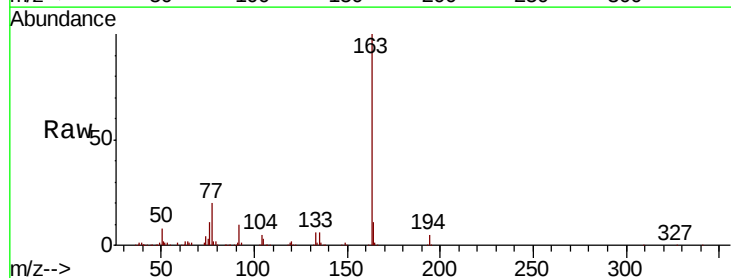
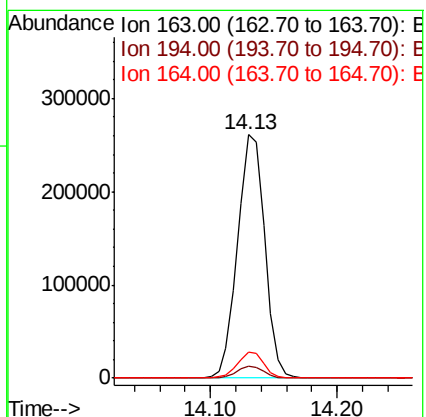
Delta R.T. -0.02 min

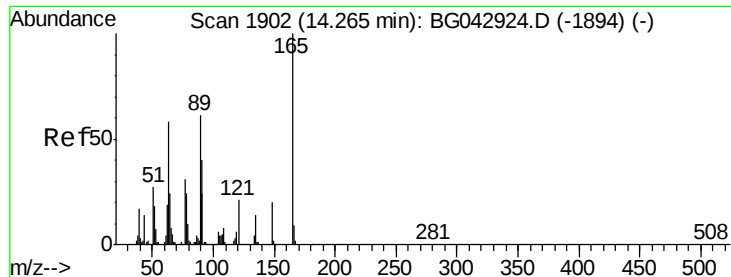
Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Tgt Ion:163 Resp: 387278

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.5	8.6	12.8

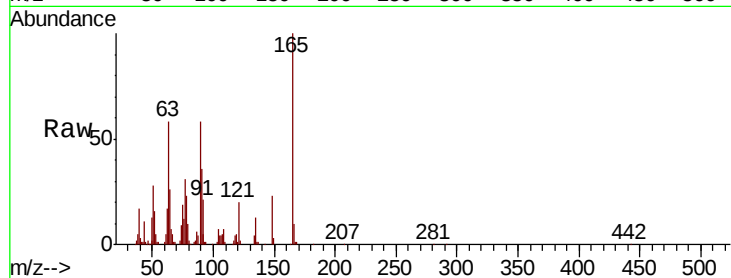




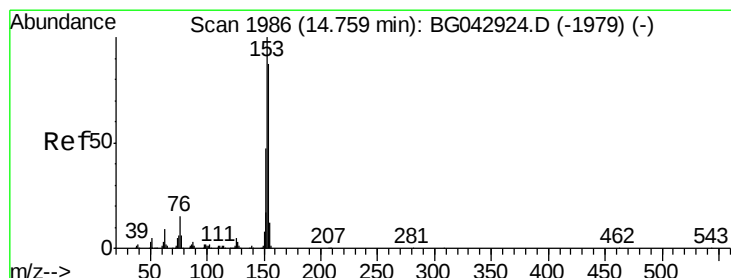
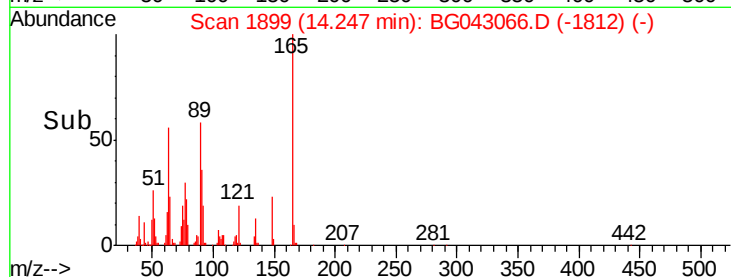
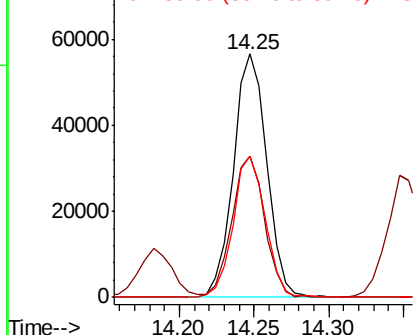
#51
 2,6-Dinitrotoluene
 Concen: 42.343 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:165 Resp: 87556
 Ion Ratio Lower Upper
 165 100
 63 58.2 50.3 75.5
 89 57.8 48.9 73.3

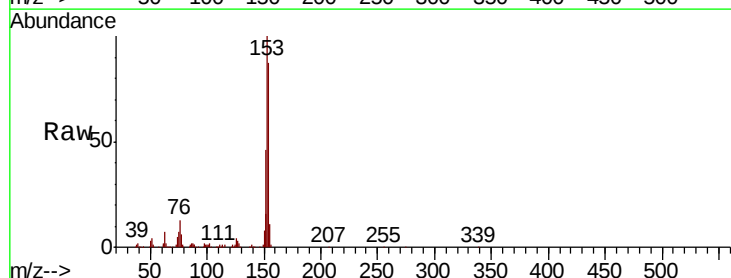


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

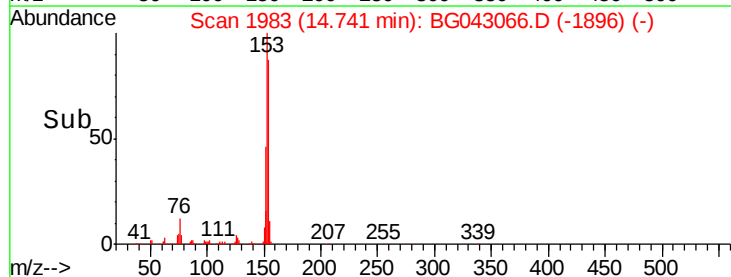
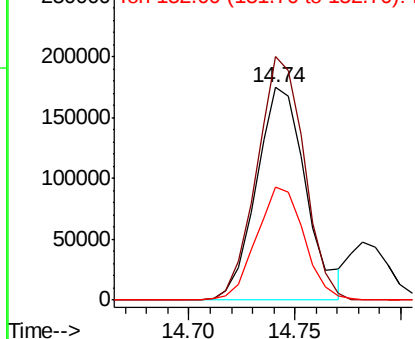


#52
 Acenaphthene
 Concen: 37.749 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion:154 Resp: 284872
 Ion Ratio Lower Upper
 154 100
 153 114.6 91.4 137.0
 152 53.0 42.8 64.2



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: 27.128 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

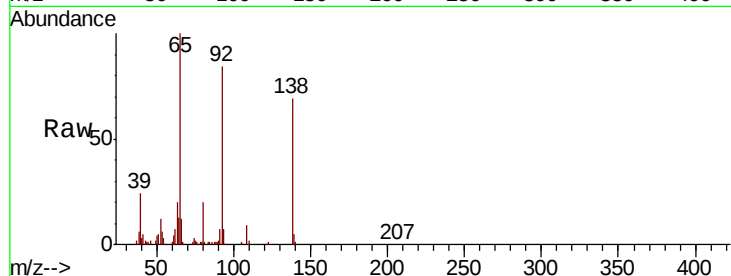
Tot Ion:138 Resp: 57972

Ion Ratio Lower Upper

138 100

108 12.7 7.9 11.9#

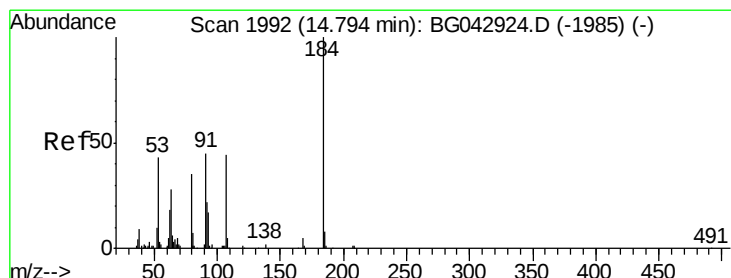
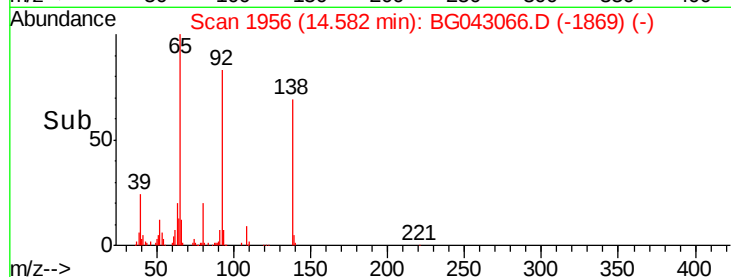
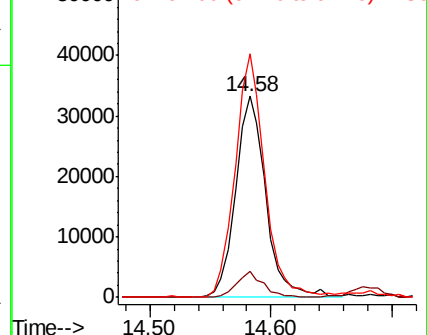
92 121.3 97.0 145.6



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: 86.728 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

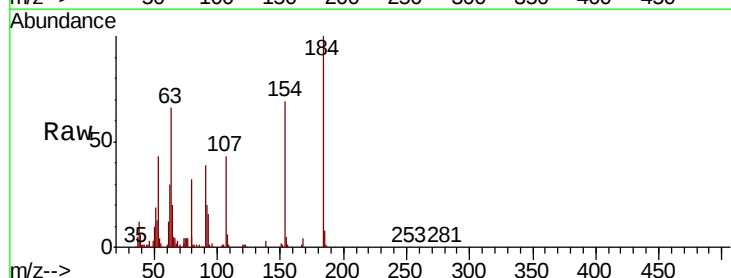
Tgt Ion:184 Resp: 111471

Ion Ratio Lower Upper

184 100

63 65.9 55.0 82.6

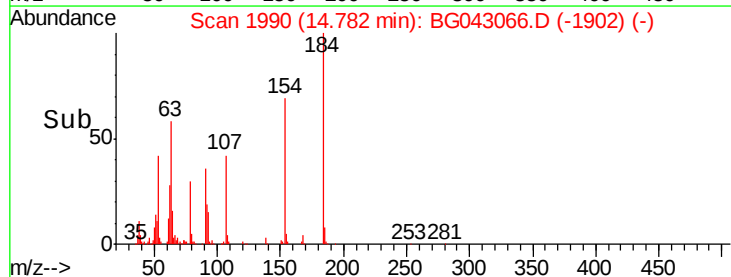
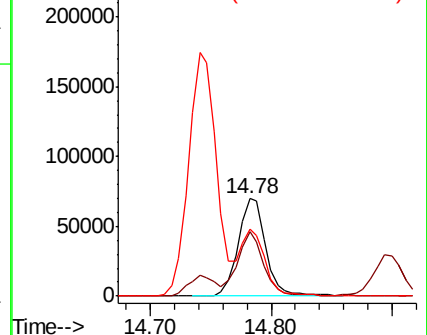
154 68.8 56.5 84.7

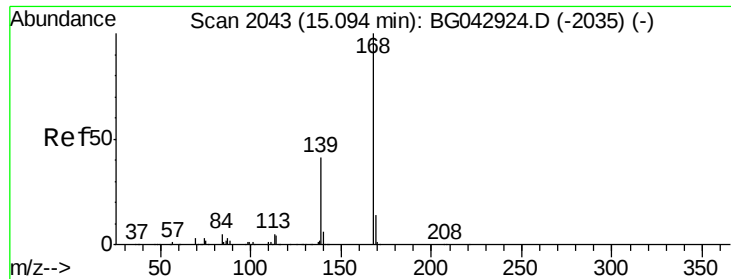


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

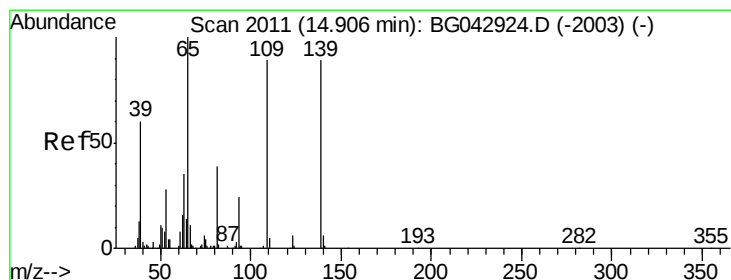
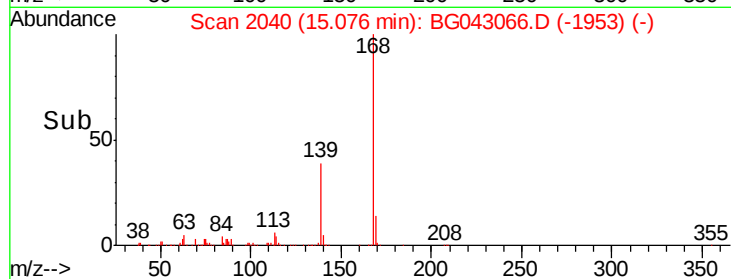
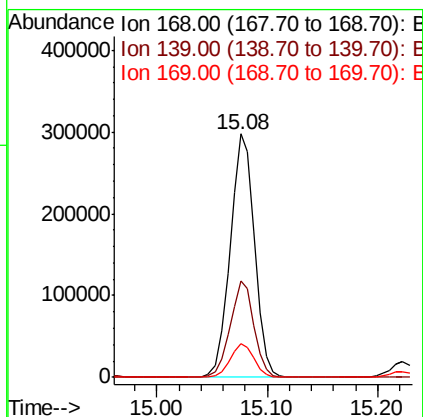
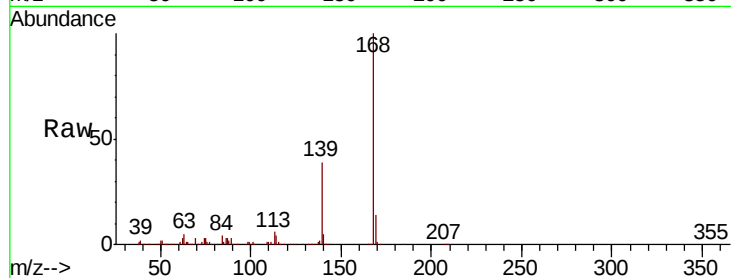




#55
Dibenzofuran
Concen: 41.044 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

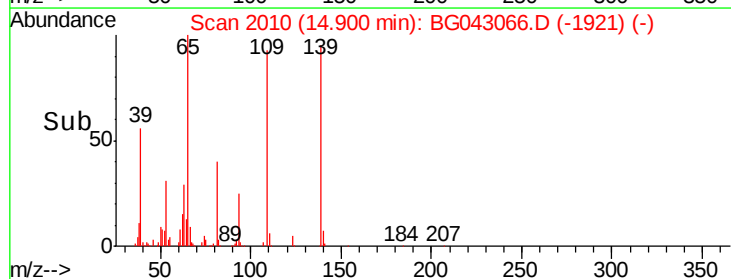
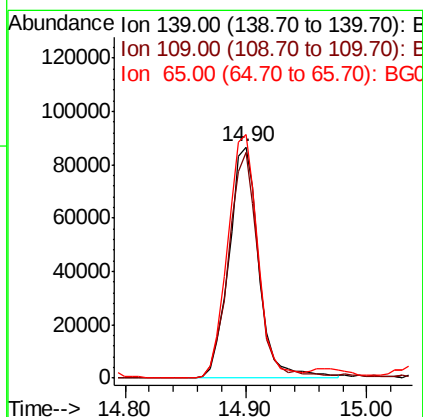
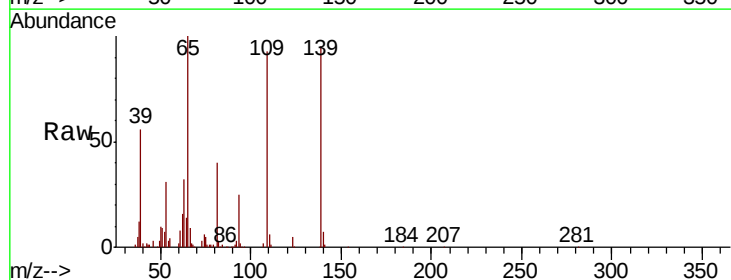
Instrument :
BNA_G
ClientSampleId :
PB123594BS

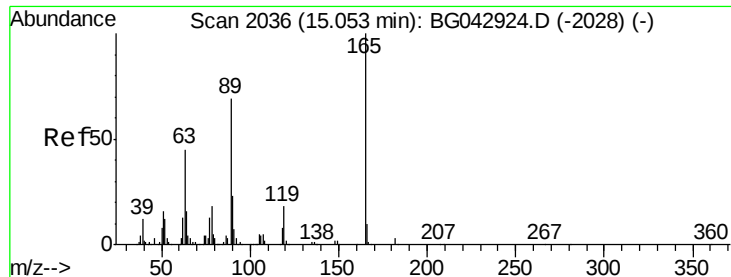
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.6	48.8
169	14.1	11.2	16.8



#56
4-Nitrophenol
Concen: 91.993 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.7	79.4	119.4
65	105.4	92.5	132.5

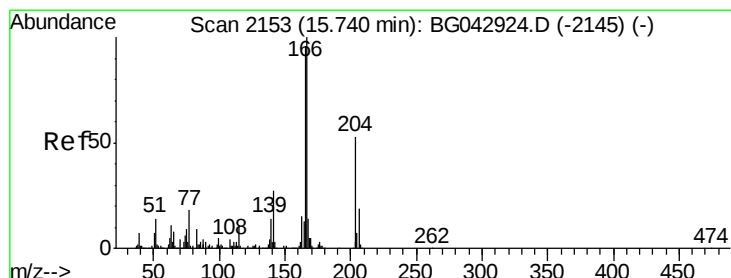
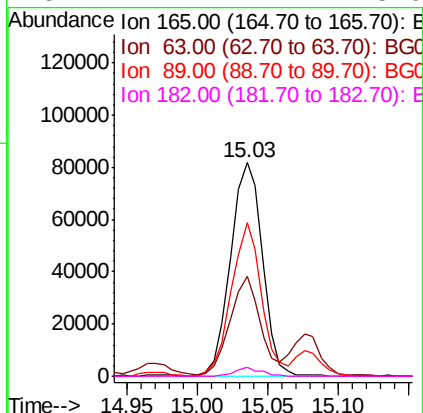
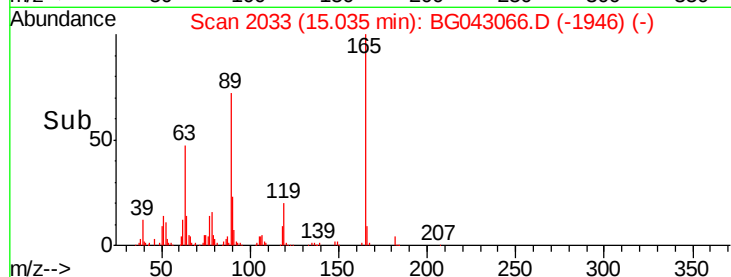
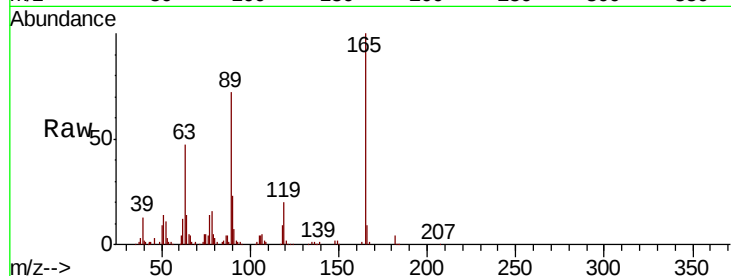




#57
2,4-Dinitrotoluene
Concen: 42.437 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

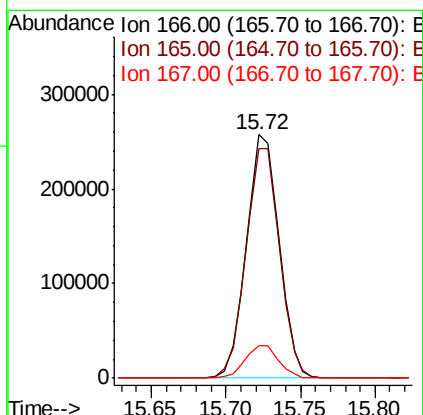
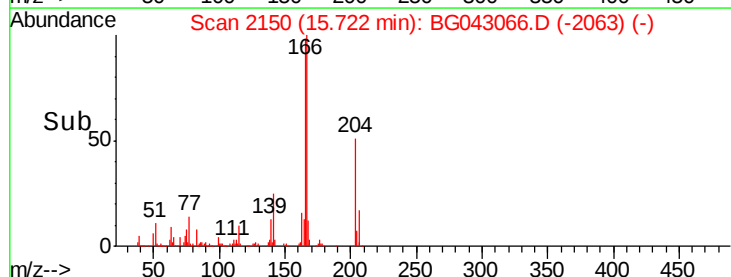
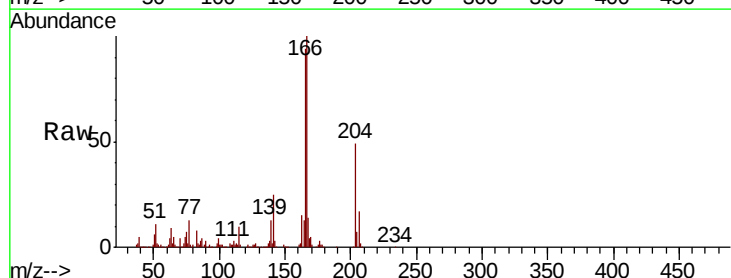
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	36.5	54.7
89	71.9	55.5	83.3
182	4.7	2.4	3.6



#58
Fluorene
Concen: 40.930 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.1	115.7
167	13.5	11.0	16.6

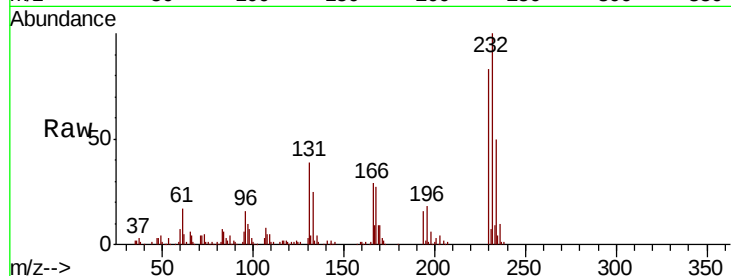




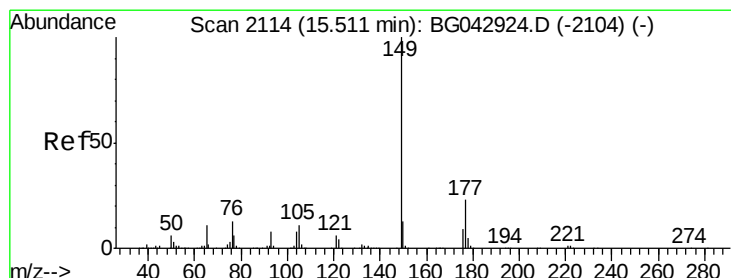
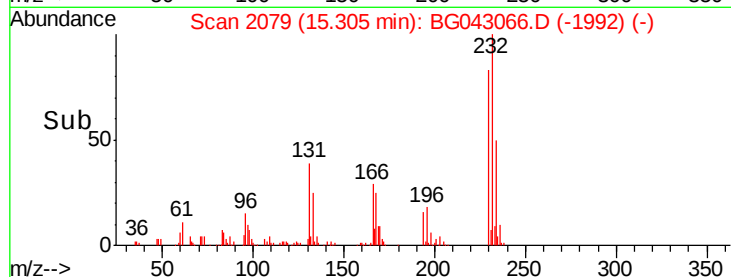
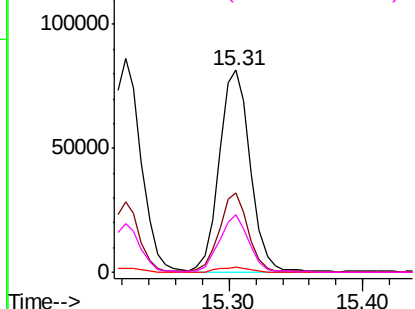
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.265 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion:	232	Resp:	132210
Ion	Ratio	Lower	Upper
232	100		
131	37.4	29.6	44.4
130	2.3	1.9	2.9
166	27.4	21.8	32.8

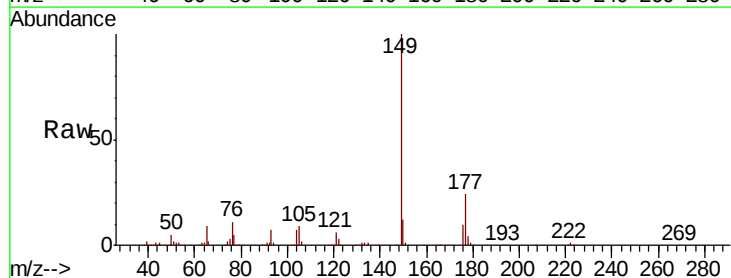


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

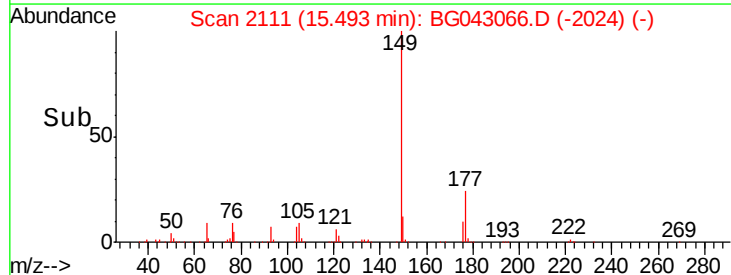
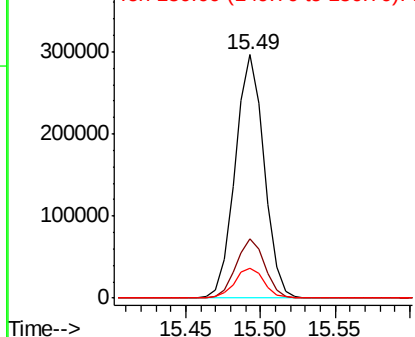


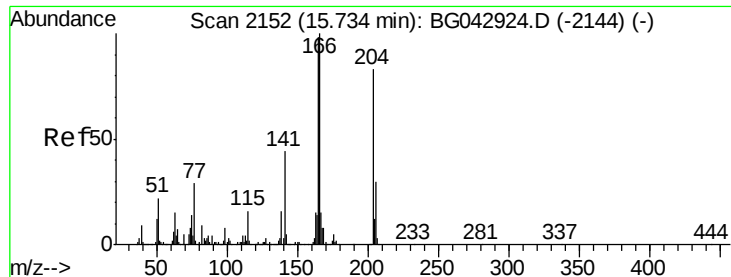
#60
 Diethylphthalate
 Concen: 40.473 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion:	149	Resp:	399940
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.8	28.2
150	12.2	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

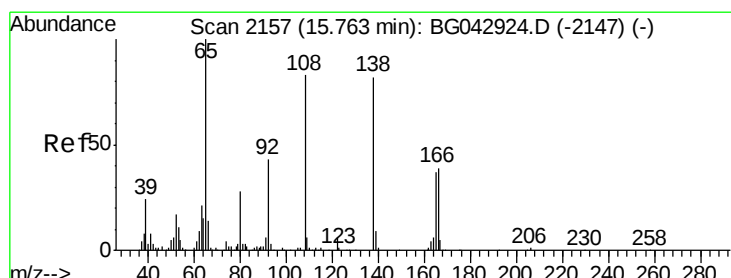
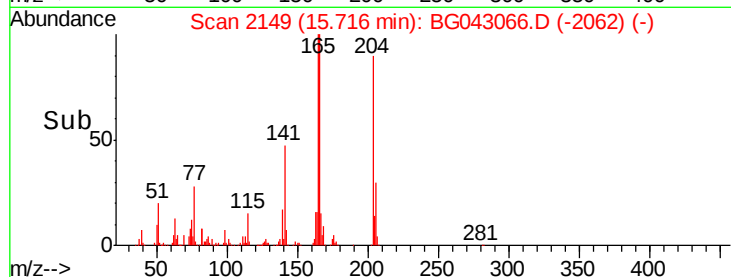
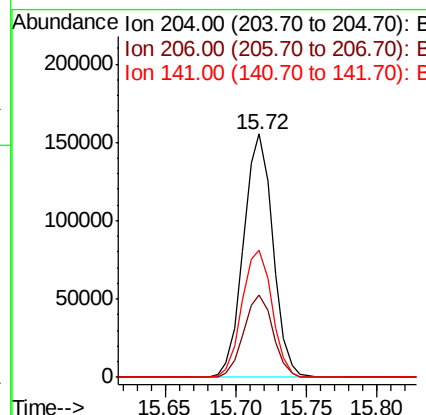
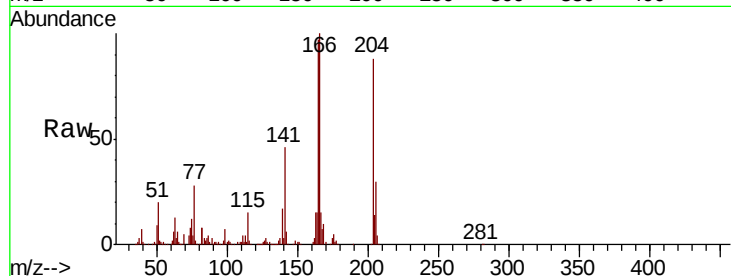




#61
 4-Chlorophenyl-phenylether
 Concen: 39.668 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

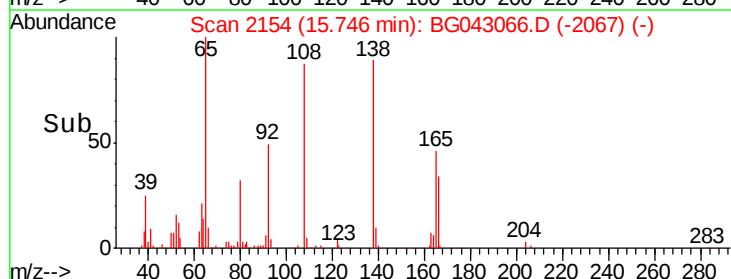
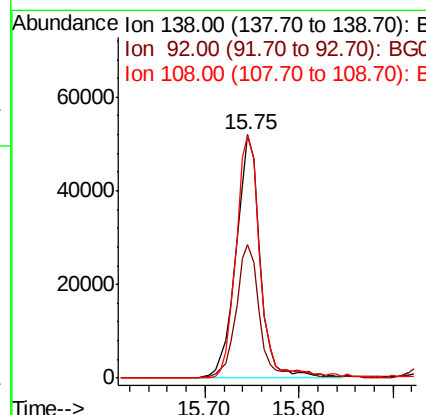
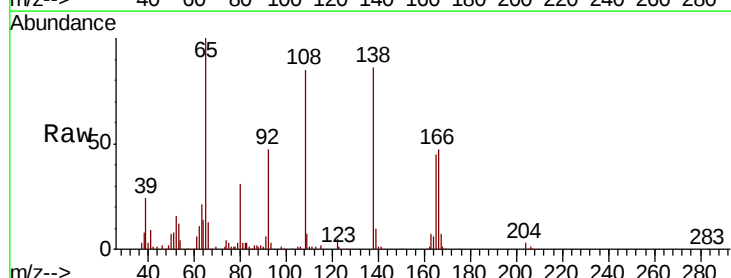
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

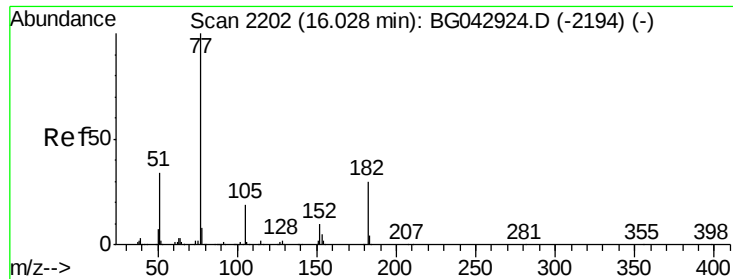
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	28.5	42.7
141	52.4	42.4	63.6



#62
 4-Nitroaniline
 Concen: 39.657 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	32.9	72.9
108	99.3	81.3	121.3





#63

Azobenzene

Concen: 38.063 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

Tot Ion: 77 Resp: 342444

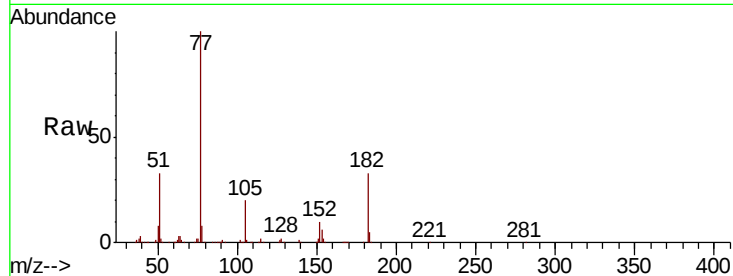
Ion Ratio Lower Upper

77 100

182 32.5 10.2 50.2

105 20.3 0.0 39.1

51 32.9 13.9 53.9

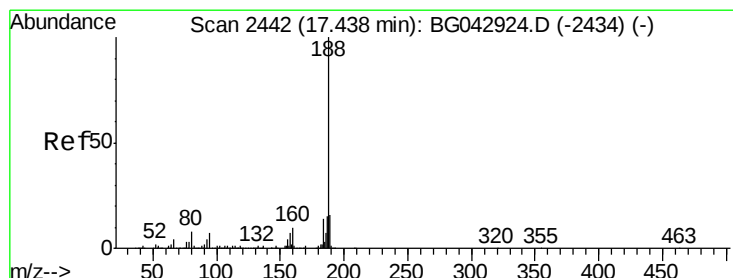
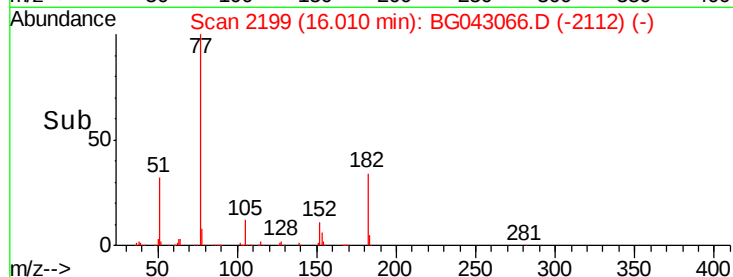
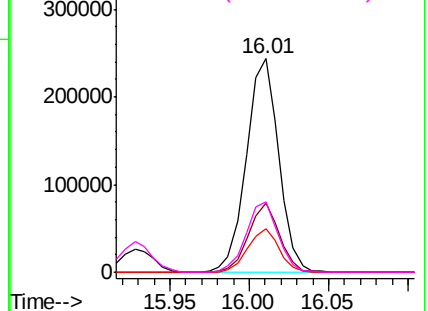


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

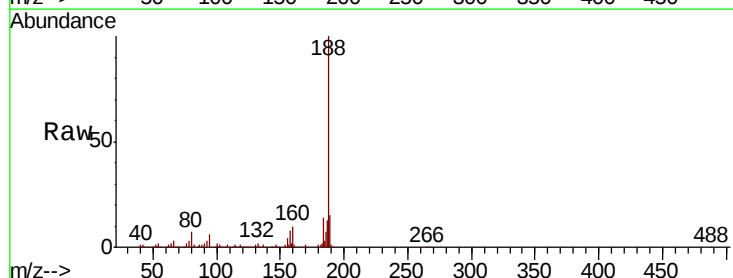
Tgt Ion: 188 Resp: 333923

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

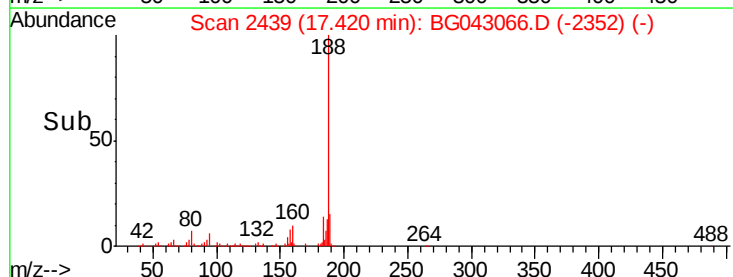
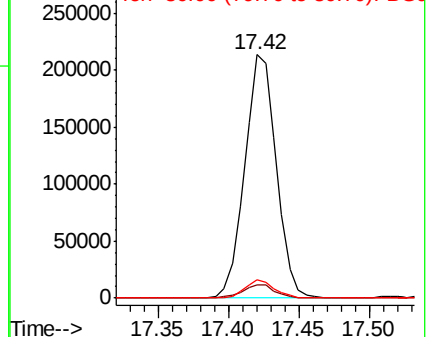
80 7.4 6.5 9.7

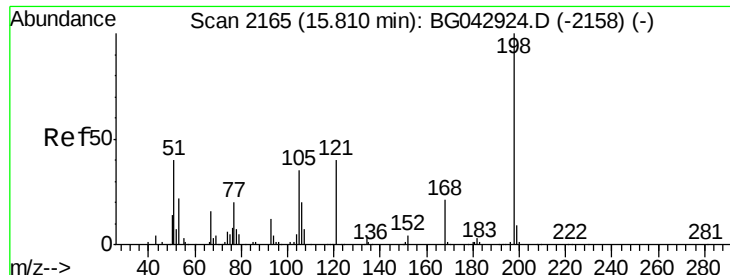


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

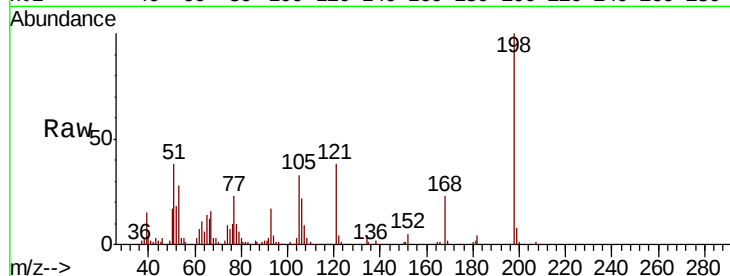




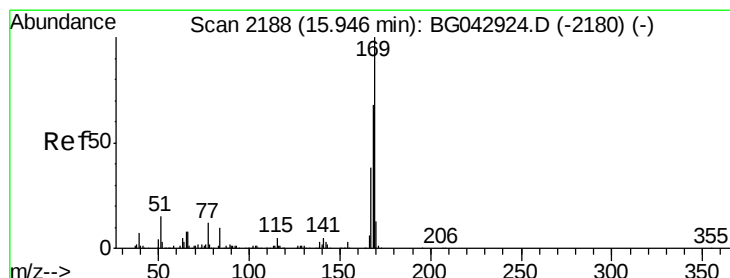
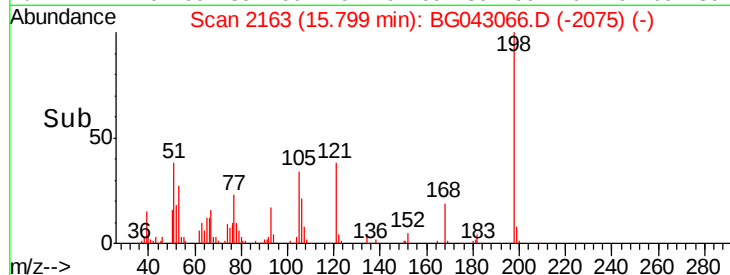
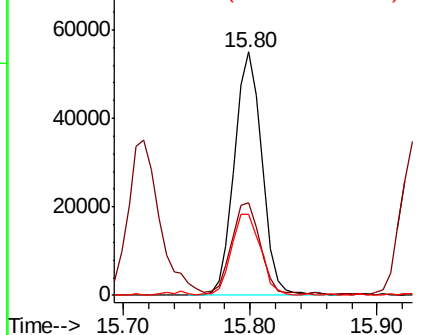
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.823 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

Tot Ion	198	Resp	82806
Ion Ratio	100	Lower	Upper
51	37.9	25.3	65.3
105	33.2	16.6	56.6

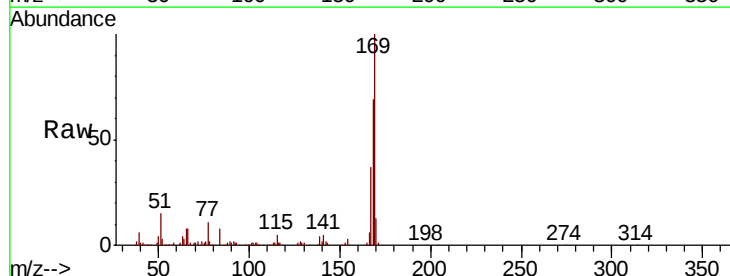


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

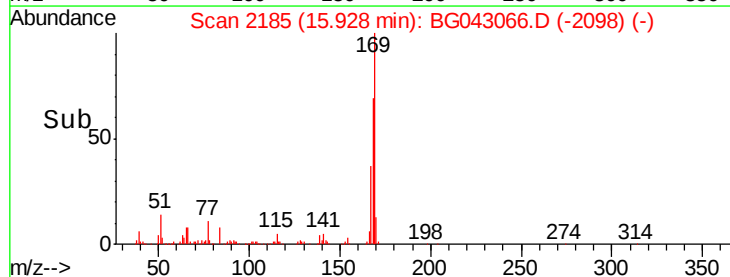
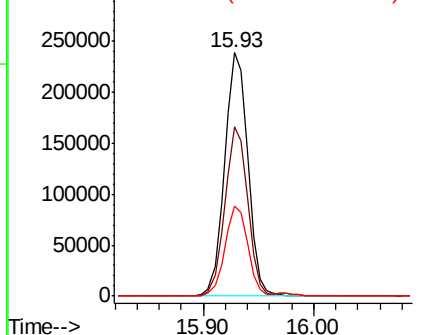


#66
 n-Nitrosodiphenylamine
 Concen: 40.034 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion	169	Resp	352905
Ion Ratio	100	Lower	Upper
168	69.4	54.8	82.2
167	37.2	30.6	46.0



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

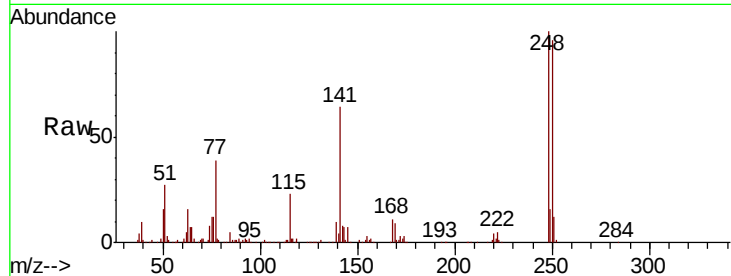




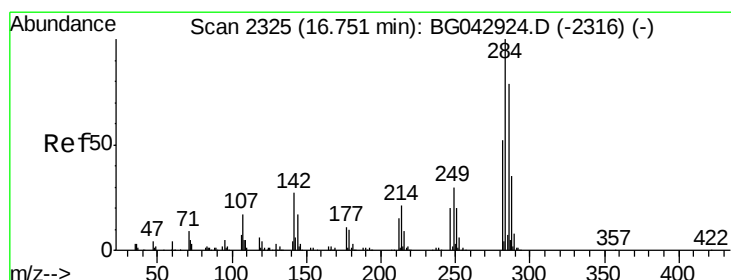
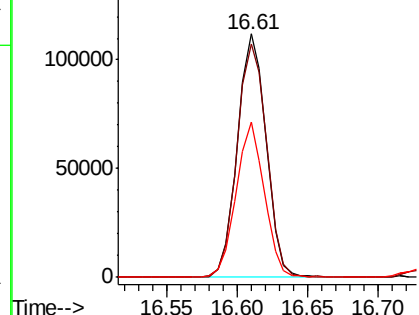
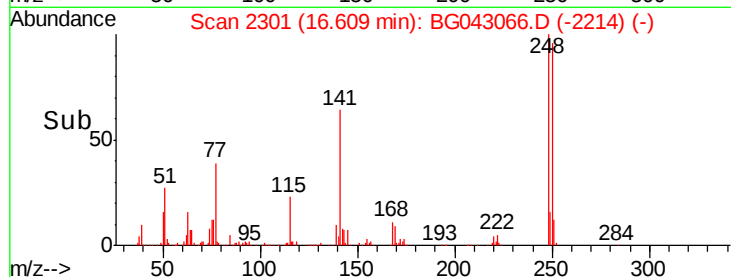
#67
4-Bromophenyl-phenylether
Concen: 37.866 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:248 Resp: 158697
Ion Ratio Lower Upper
248 100
250 95.7 75.8 113.8
141 63.6 51.1 76.7

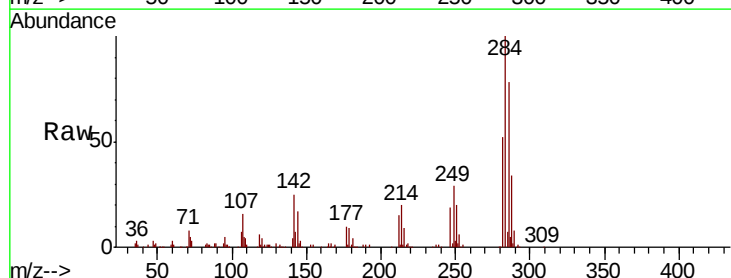


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

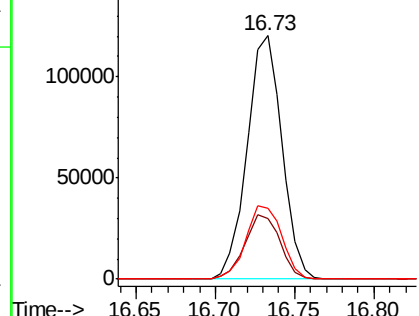
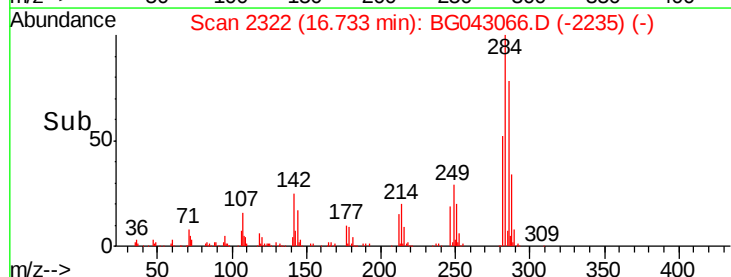


#68
Hexachlorobenzene
Concen: 39.371 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion:284 Resp: 183722
Ion Ratio Lower Upper
284 100
142 24.7 21.6 32.4
249 29.0 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
150000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

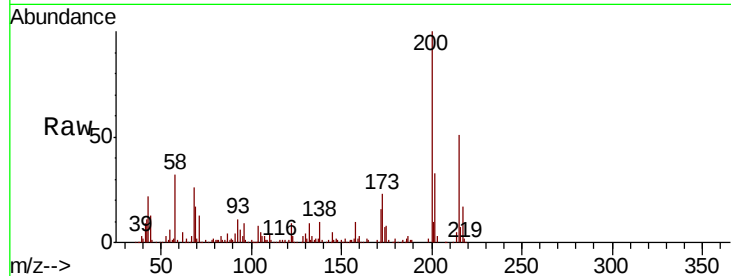




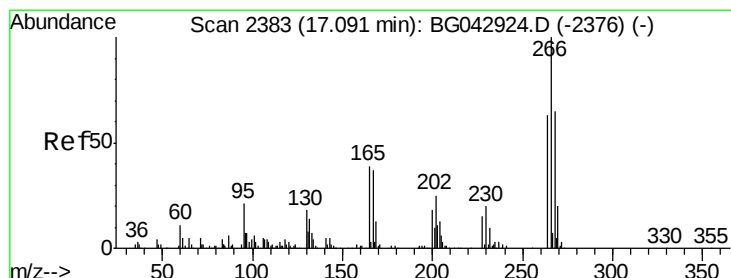
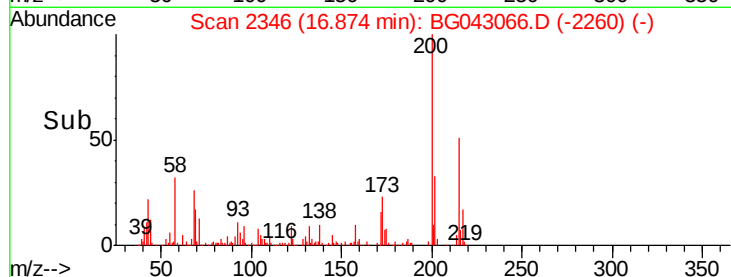
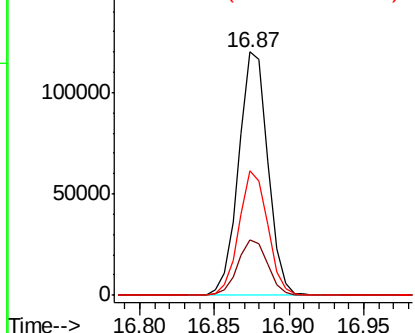
#69
Atrazine
Concen: 44.179 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.6	4.0	44.0
215	51.0	27.4	67.4

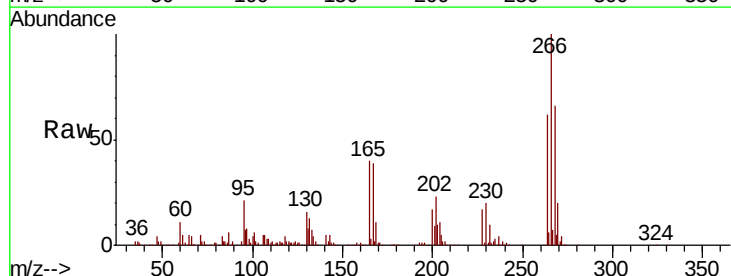


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

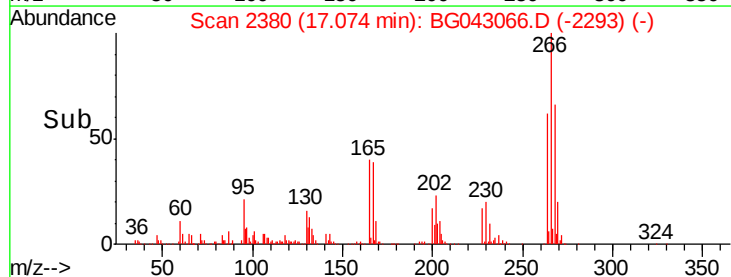
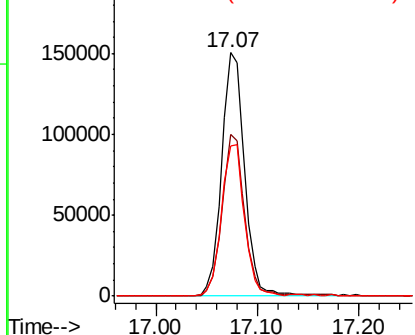


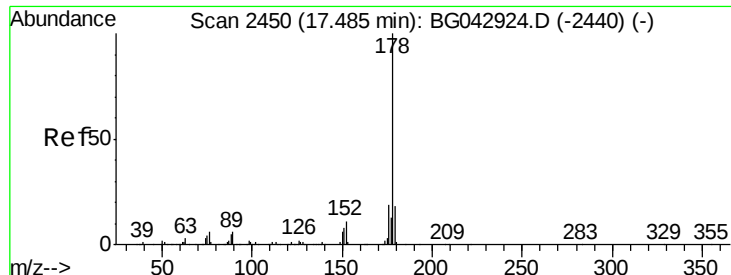
#70
Pentachlorophenol
Concen: 88.220 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.2	78.2
264	61.8	50.7	76.1



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

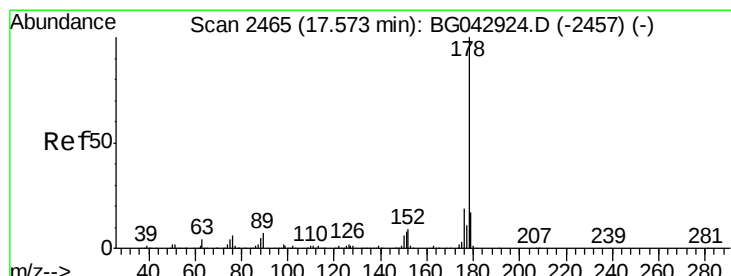
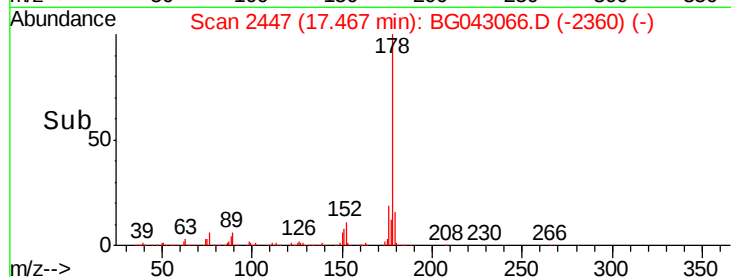
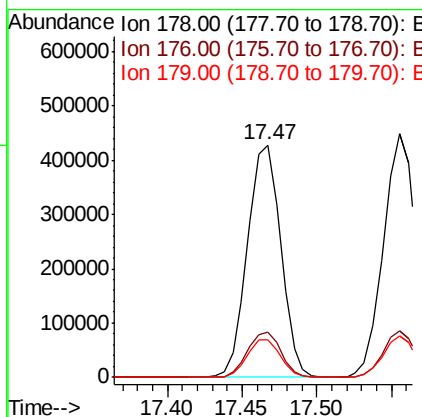
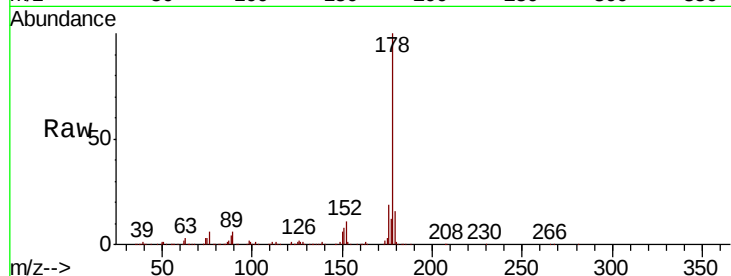




#71
Phenanthrene
Concen: 40.551 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

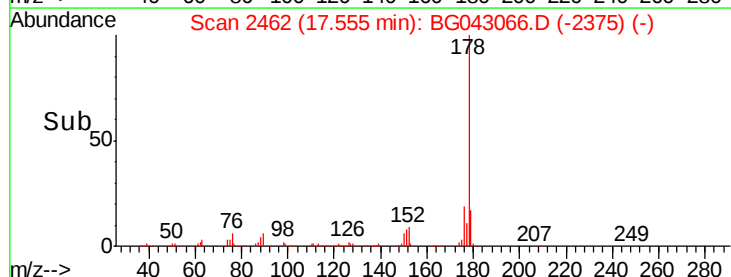
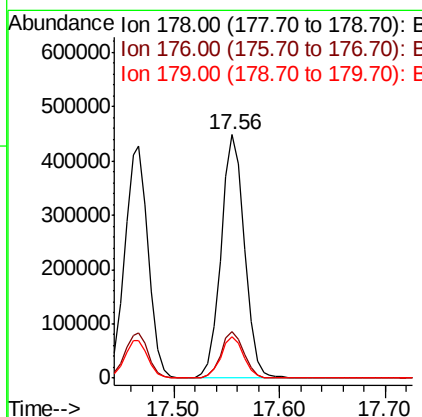
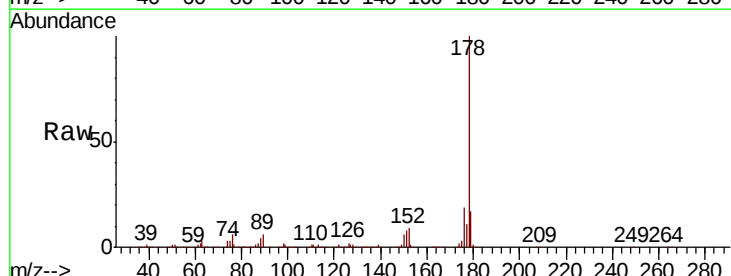
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:178 Resp: 661073
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.1 14.1 21.1



#72
Anthracene
Concen: 42.450 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion:178 Resp: 690865
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 17.2 13.5 20.3

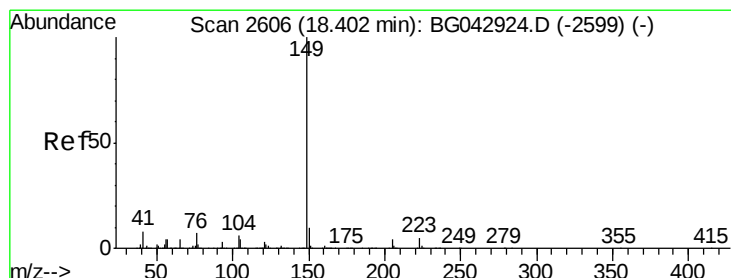
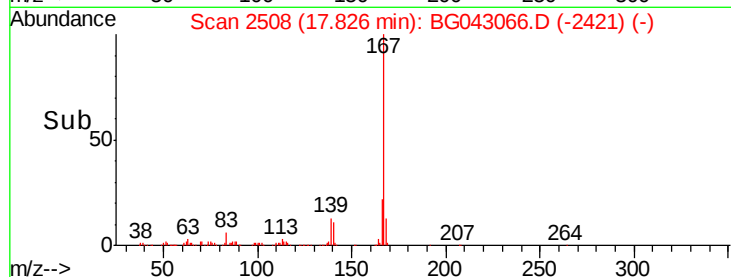
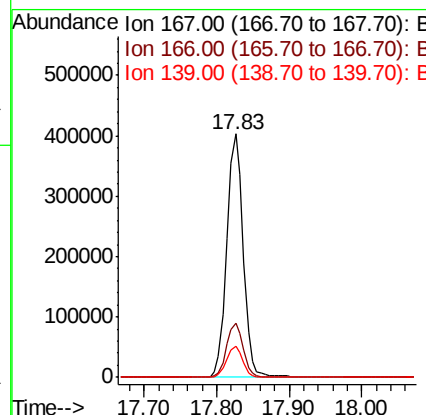
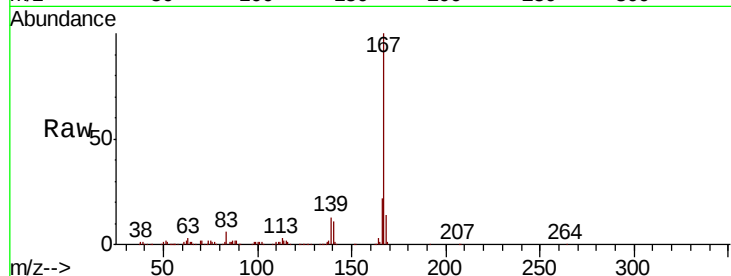




#73
 Carbazole
 Concen: 42.291 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

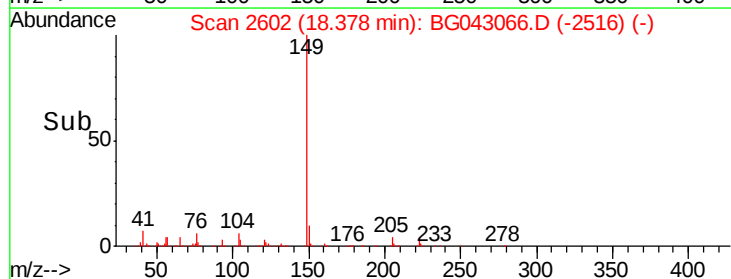
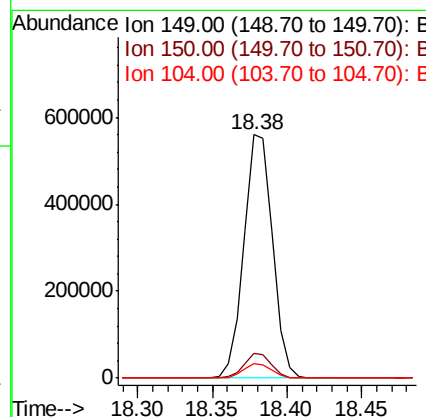
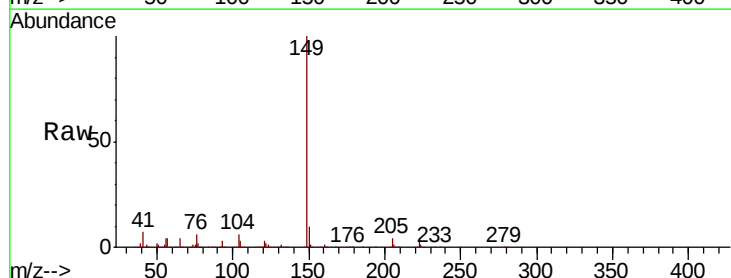
Instrument :
 BNA_G
 ClientSampleId :
 PB123594BS

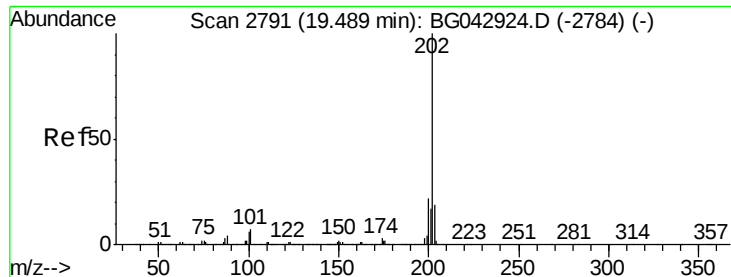
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.6	28.0
139	12.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.264 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.02 min
 Lab File: BG043066.D
 Acq: 7 Oct 2019 14:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.8	5.0	7.6





#75

Fluoranthene

Concen: 42.634 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

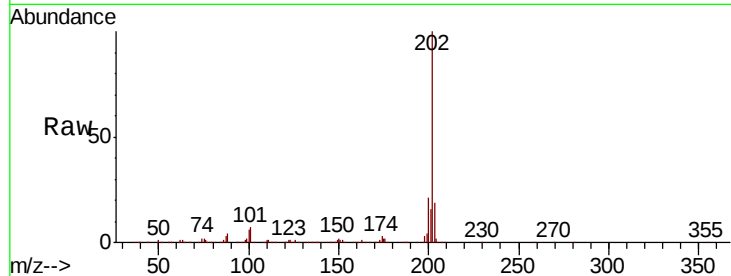
Instrument :

BNA_G

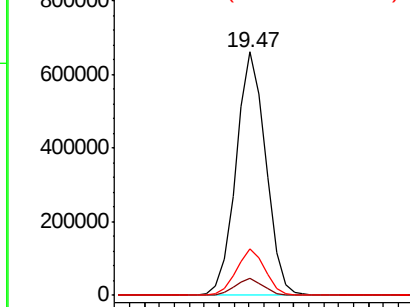
ClientSampleId :

PB123594BS

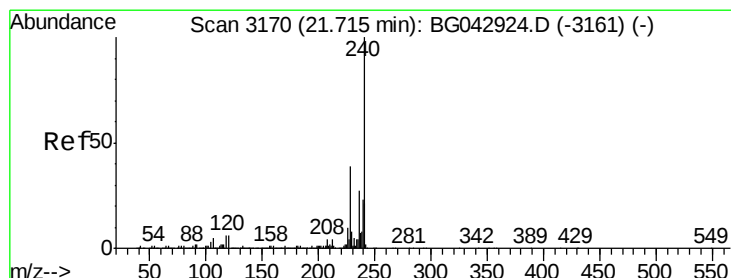
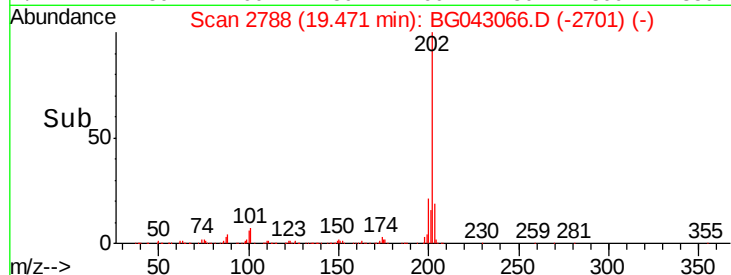
Tot Ion:	202	Resp:	919295
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	27.3
203	19.3	0.0	39.5



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



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

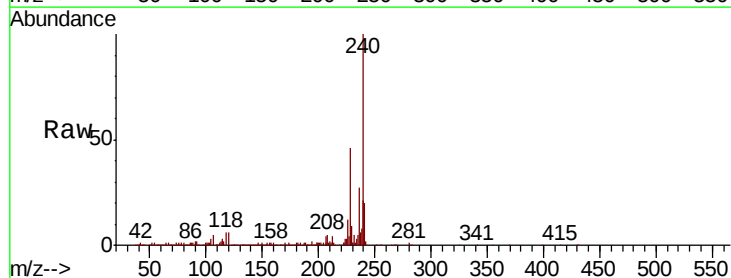
RT: 21.69 min Scan# 3166

Delta R.T. -0.02 min

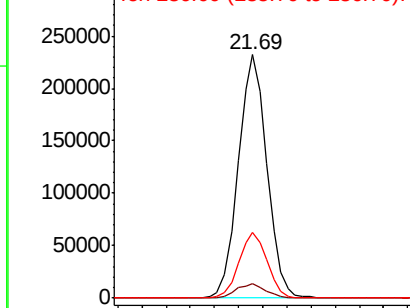
Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

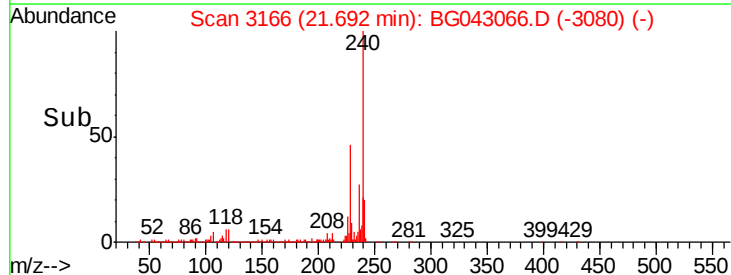
Tgt Ion:	240	Resp:	383667
Ion Ratio	Lower	Upper	
240	100		
120	6.0	4.8	7.2
236	26.9	21.4	32.0

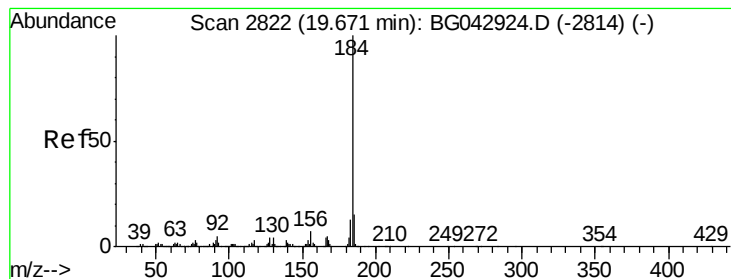


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 66.619 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

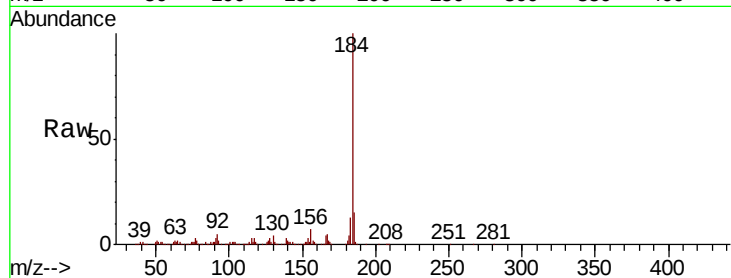
Tot Ion:184 Resp: 639982

Ion Ratio Lower Upper

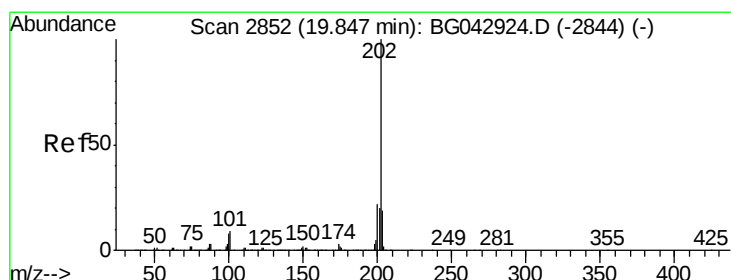
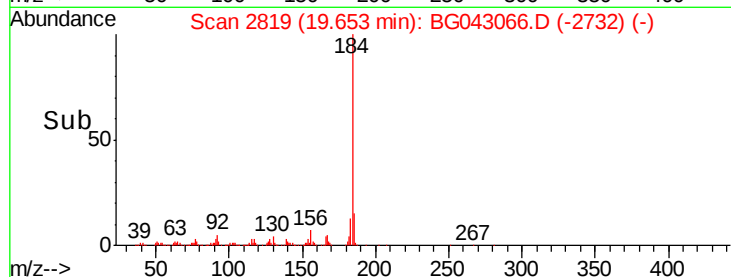
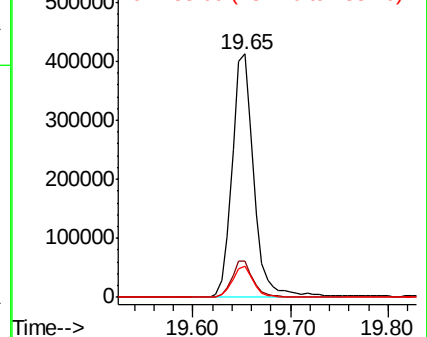
184 100

185 14.6 11.8 17.8

183 13.0 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.899 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

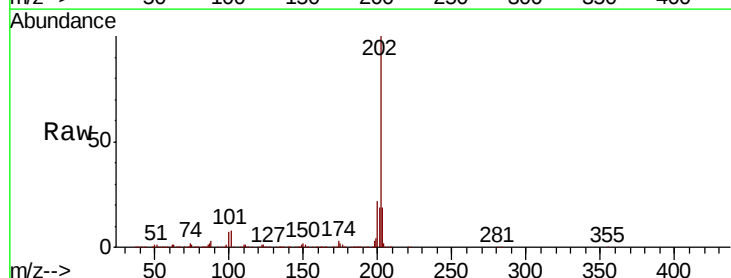
Tgt Ion:202 Resp: 936577

Ion Ratio Lower Upper

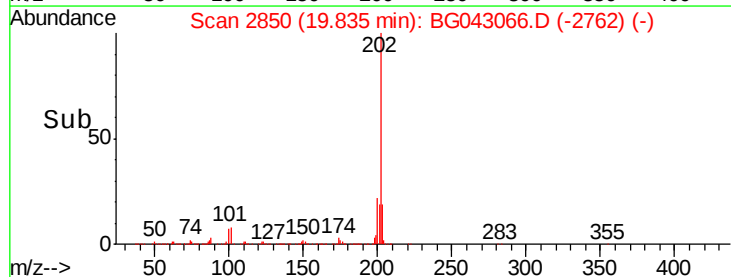
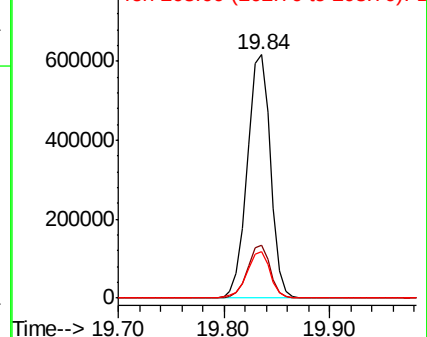
202 100

200 21.9 17.6 26.4

203 18.9 15.2 22.8



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: 68.624 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

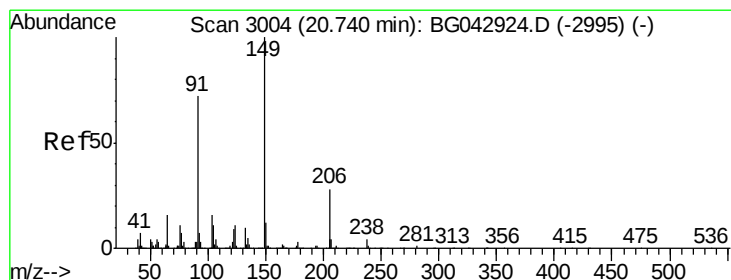
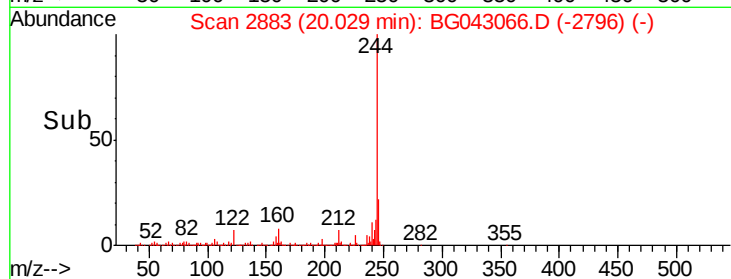
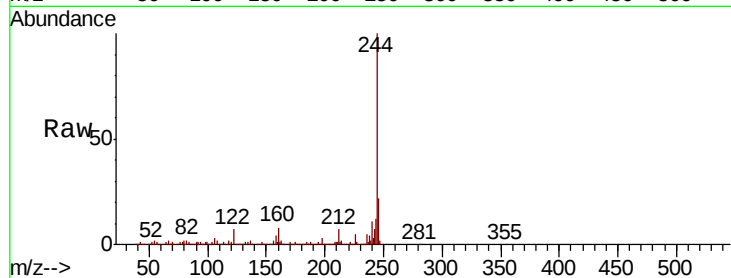
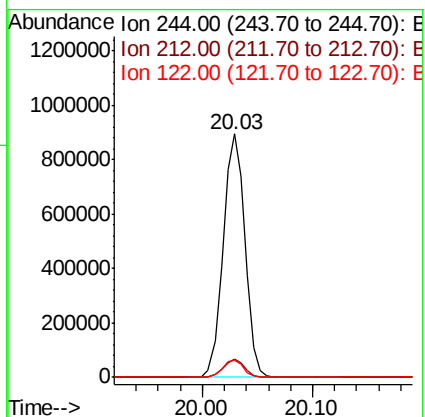
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:244 Resp: 1235582

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.4	11.0
122	7.0	7.0	10.4



#80

Butylbenzylphthalate

Concen: 39.632 ng

RT: 20.72 min Scan# 3000

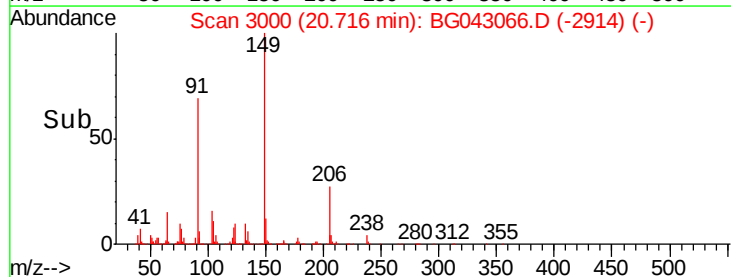
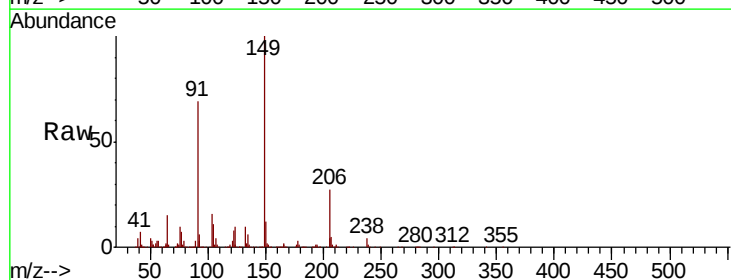
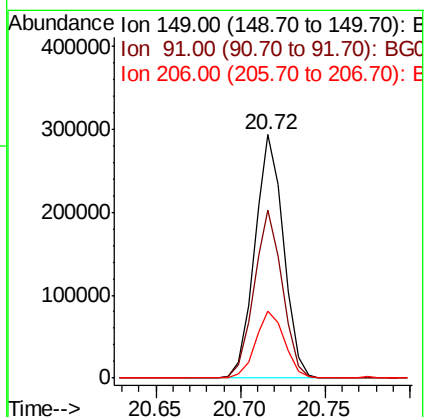
Delta R.T. -0.02 min

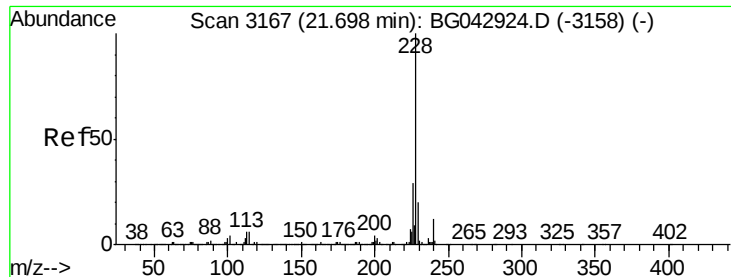
Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Tgt Ion:149 Resp: 344485

Ion	Ratio	Lower	Upper
149	100		
91	68.8	57.7	86.5
206	27.4	22.6	33.8





#81

Benzo(a)anthracene

Concen: 40.269 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

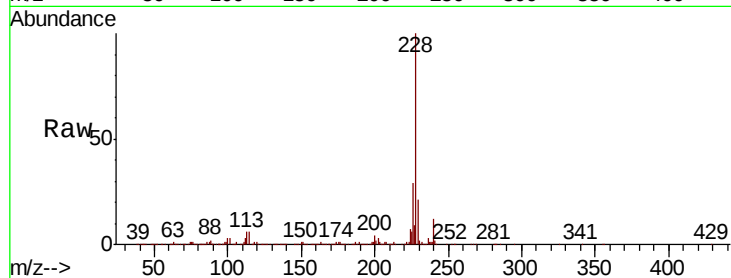
BNA_G

ClientSampleId :

PB123594BS

Tot Ion:228 Resp: 962663

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.7	16.3	24.5

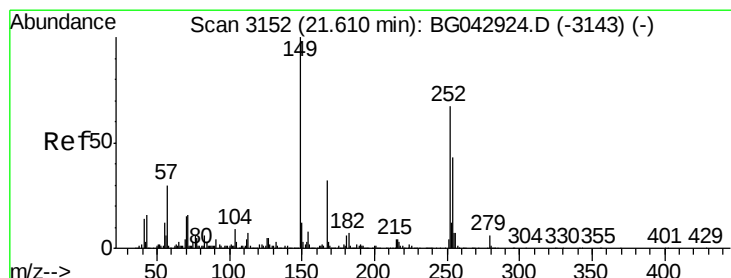
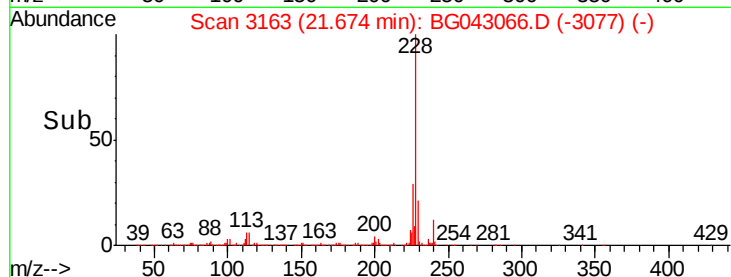
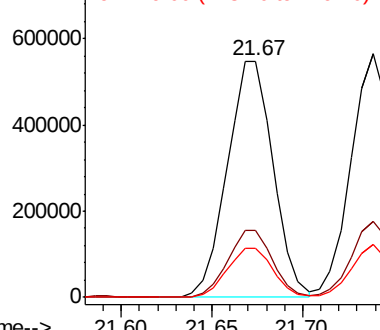


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.274 ng

RT: 21.59 min Scan# 3148

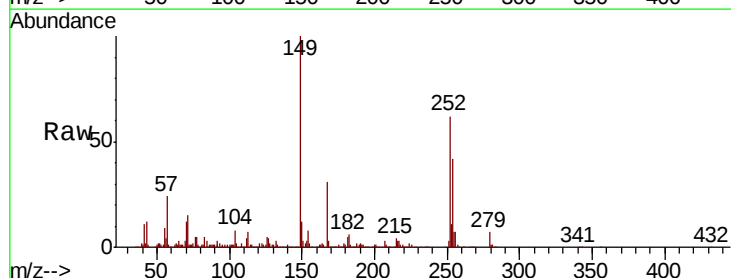
Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Tgt Ion:252 Resp: 265100

Ion	Ratio	Lower	Upper
252	100		
254	68.4	51.9	77.9
126	7.3	6.1	9.1

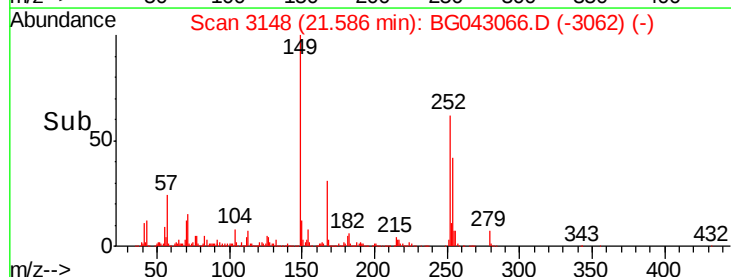
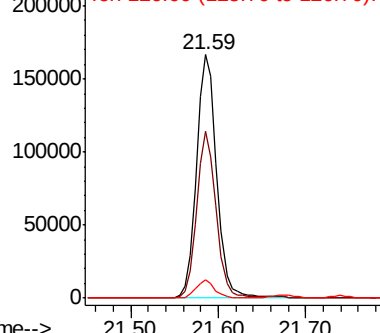


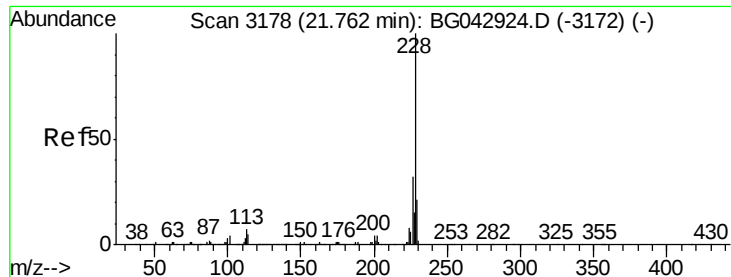
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.557 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

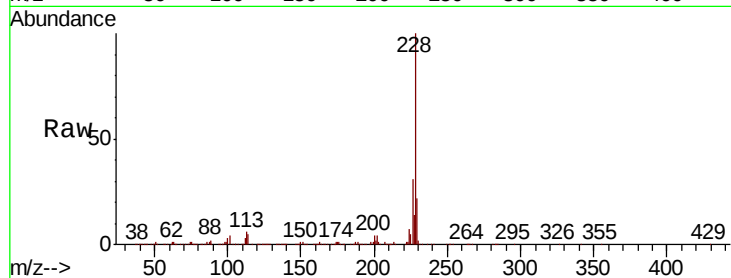
Tot Ion:228 Resp: 917686

Ion Ratio Lower Upper

228 100

226 31.2 25.6 38.4

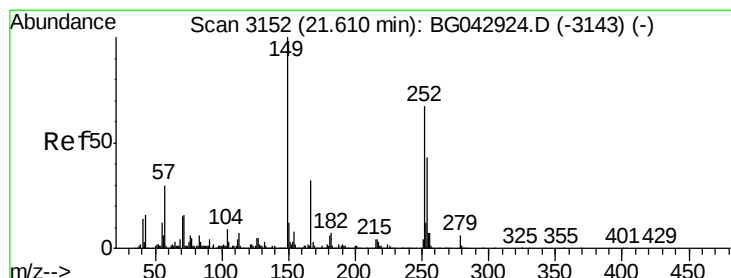
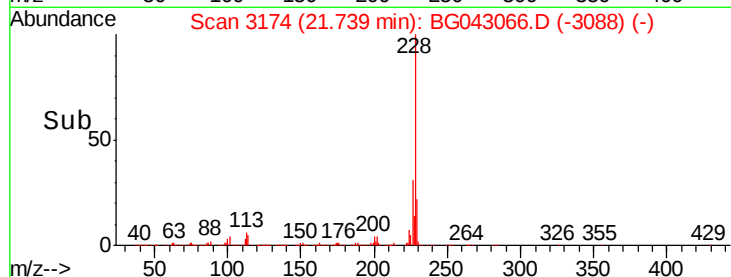
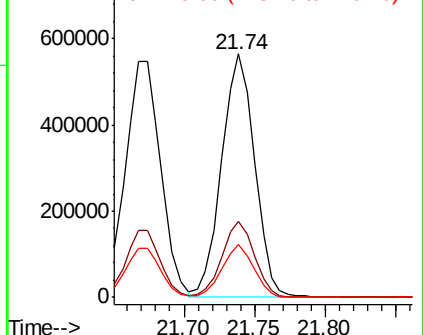
229 21.8 16.9 25.3



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: 40.119 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.03 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

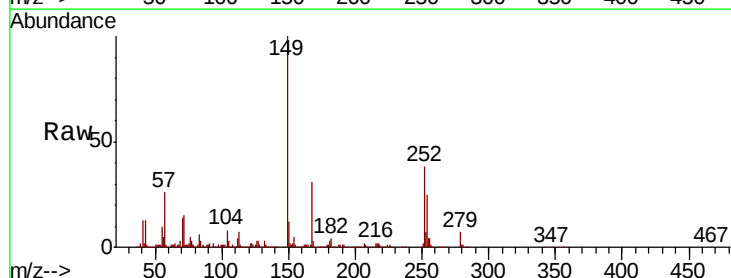
Tgt Ion:149 Resp: 496200

Ion Ratio Lower Upper

149 100

167 30.7 25.4 38.2

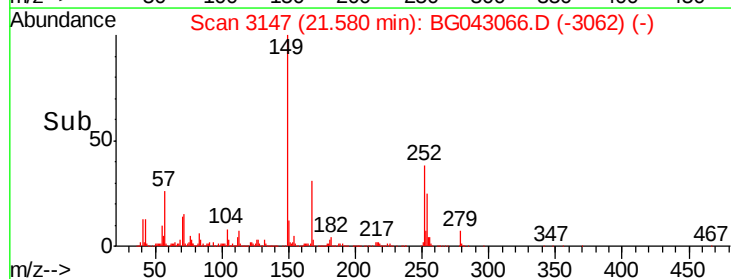
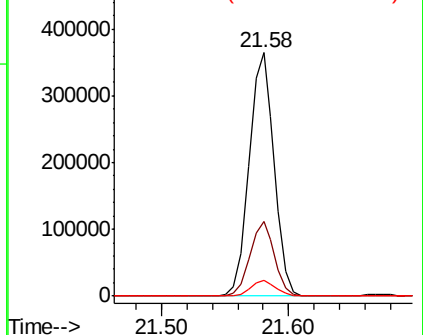
279 6.7 5.1 7.7



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: 41.435 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

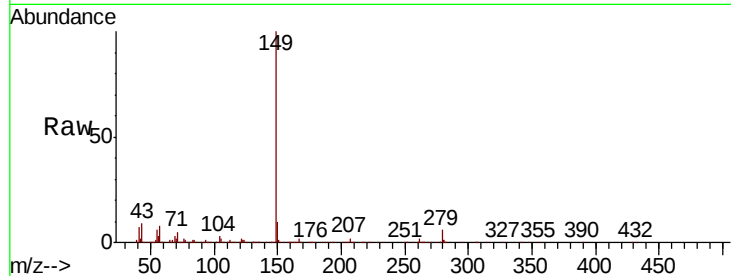
Tot Ion:149 Resp: 838010

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 9.1 8.7 13.1



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

22.79

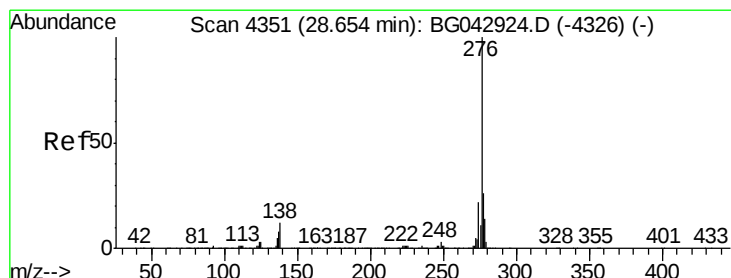
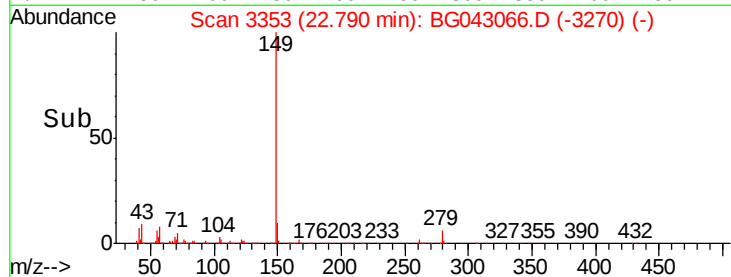
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.735 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.08 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

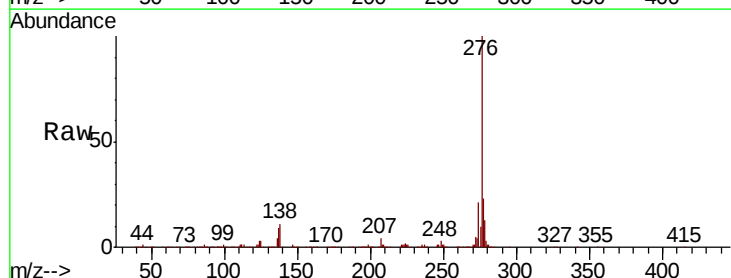
Tgt Ion:276 Resp: 1205337

Ion Ratio Lower Upper

276 100

138 6.4 7.0 10.6#

277 26.2 20.9 31.3



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

28.57

250000

200000

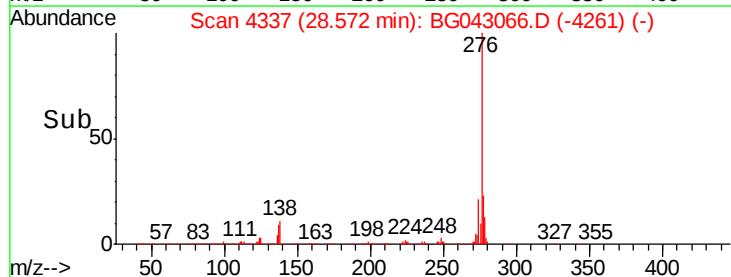
150000

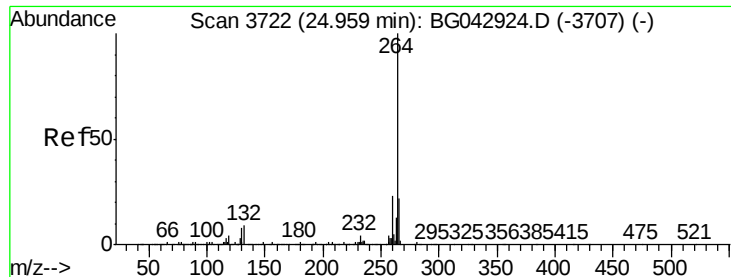
100000

50000

0

Time-->



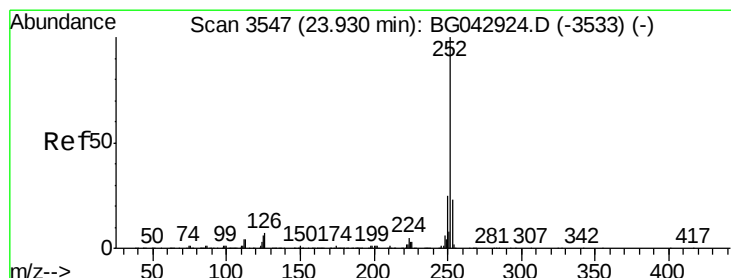
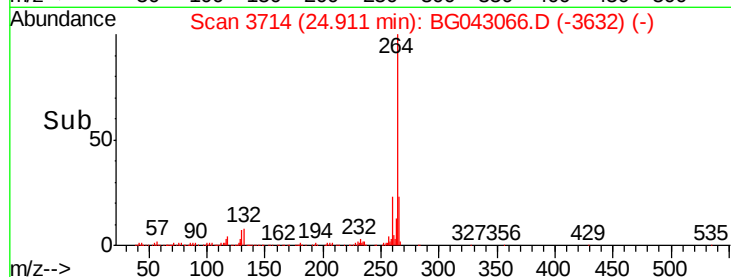
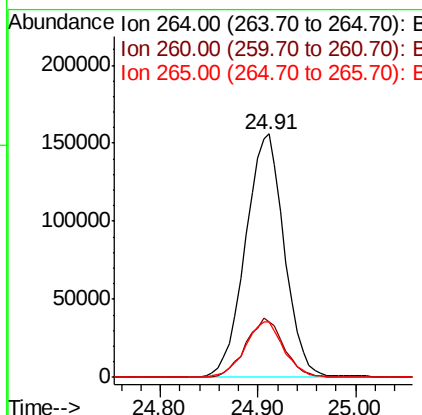
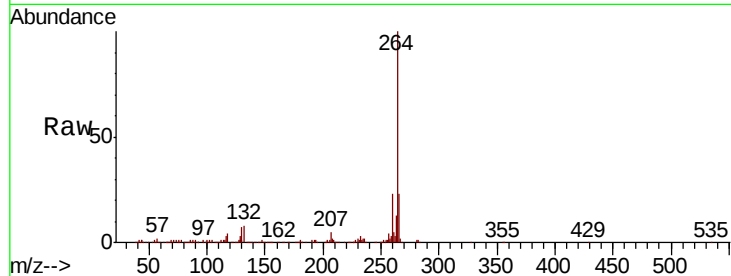


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:264 Resp: 434295

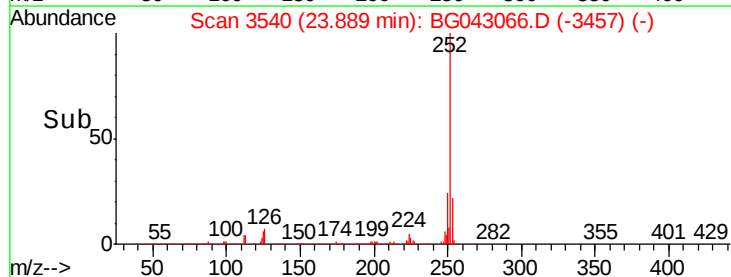
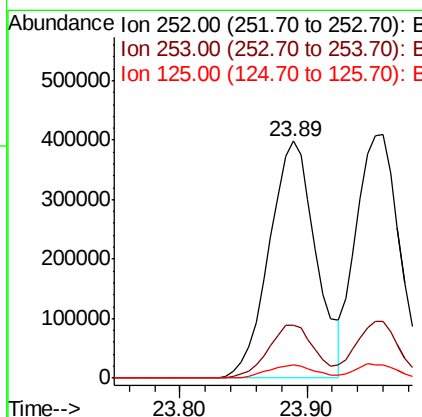
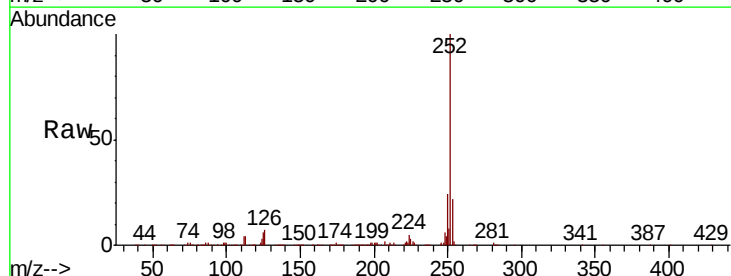
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.9	17.7	26.5

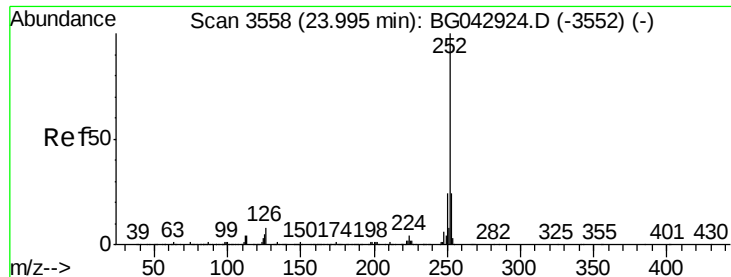


#88
Benzo(b)fluoranthene
Concen: 41.564 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.04 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion:252 Resp: 1021372

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	5.6	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 40.083 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.04 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

Instrument :

BNA_G

ClientSampleId :

PB123594BS

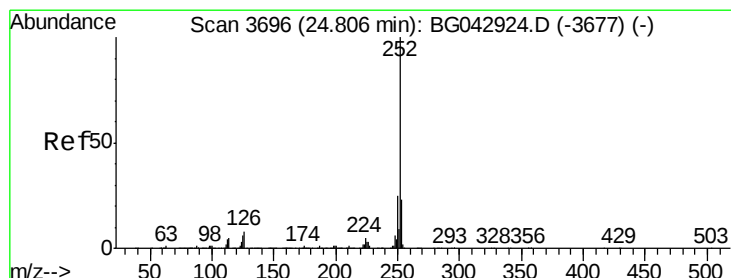
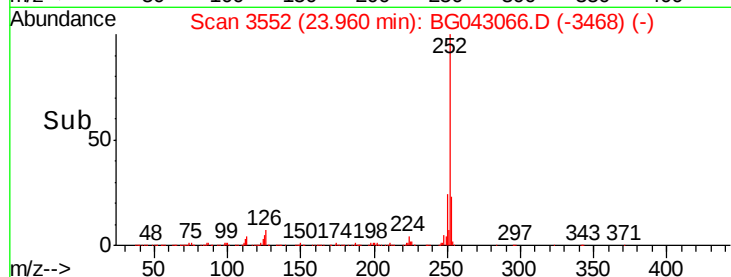
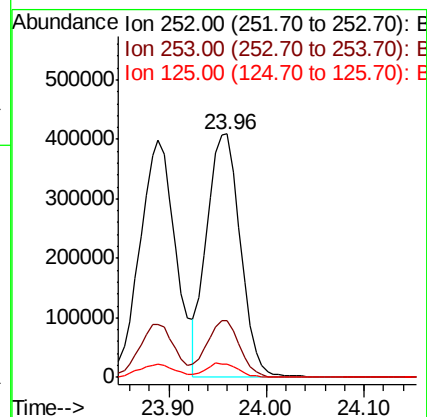
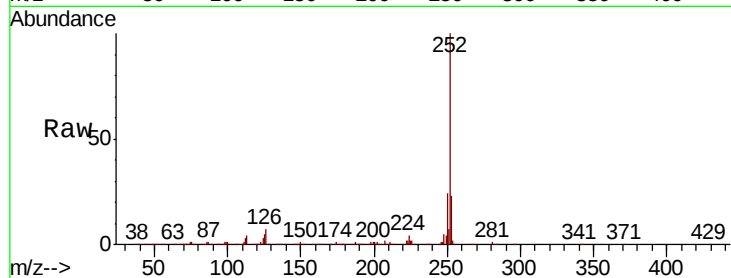
Tot Ion:252 Resp: 974419

Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

125 5.4 4.5 6.7



#90

Benzo(a)pyrene

Concen: 40.284 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.05 min

Lab File: BG043066.D

Acq: 7 Oct 2019 14:03

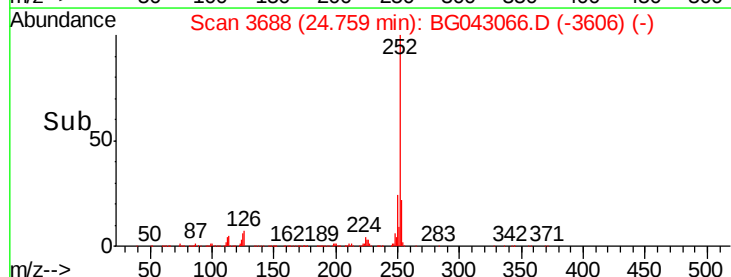
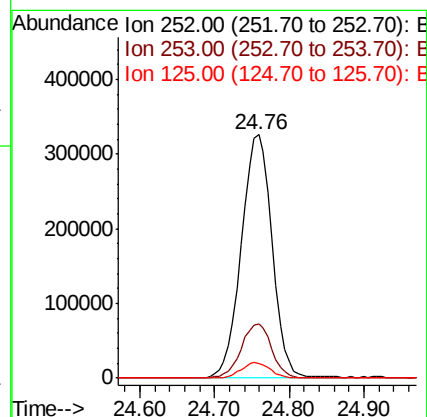
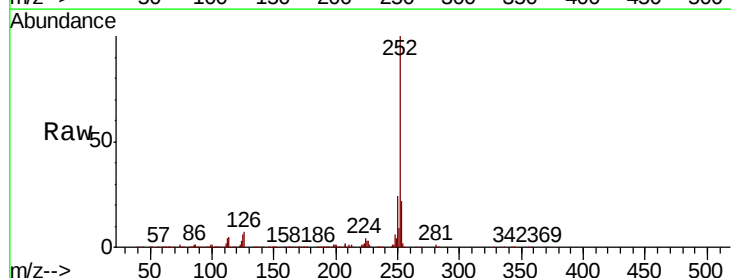
Tgt Ion:252 Resp: 933955

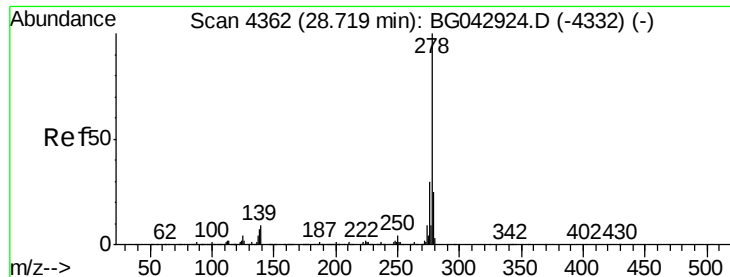
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

125 6.2 5.0 7.6



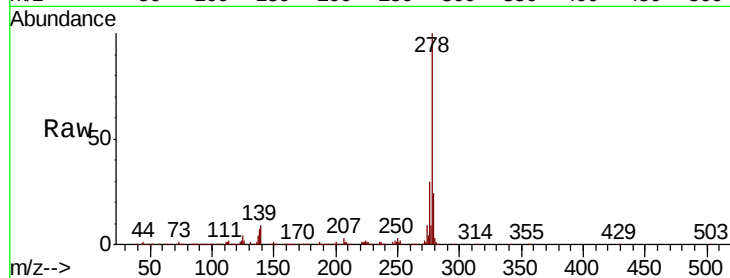


#91
Dibenzo(a,h)anthracene
Concen: 42.611 ng
RT: 28.64 min Scan# 4348
Delta R.T. -0.08 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

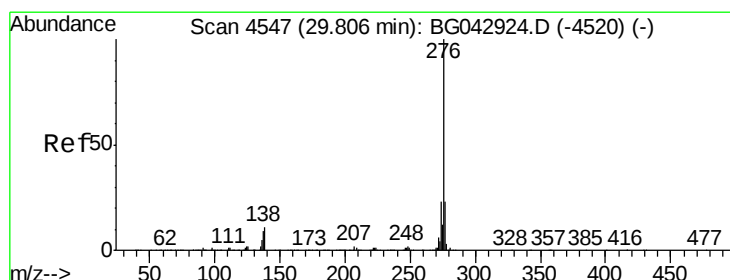
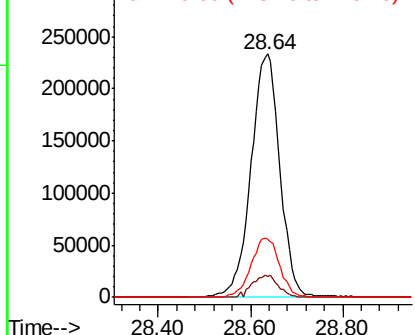
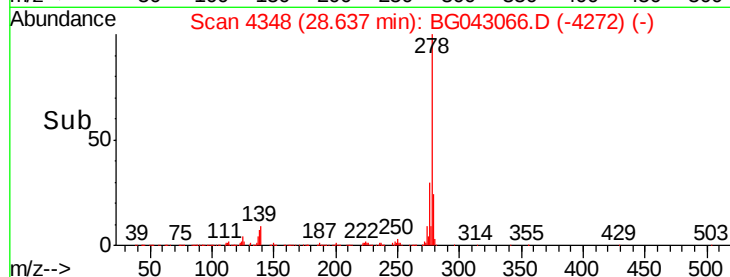
Instrument :
BNA_G
ClientSampleId :
PB123594BS

Tot Ion:278 Resp: 1013019

Ion	Ratio	Lower	Upper
278	100		
139	8.7	6.8	10.2
279	24.1	20.1	30.1



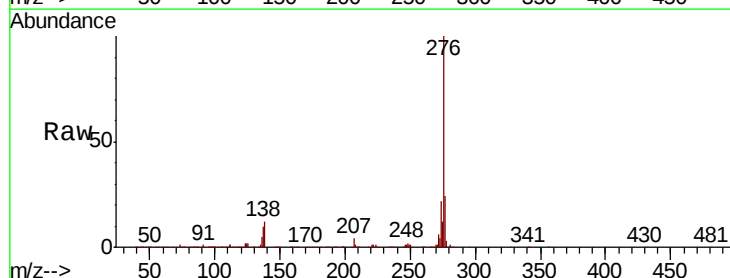
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.998 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.09 min
Lab File: BG043066.D
Acq: 7 Oct 2019 14:03

Tgt Ion:276 Resp: 1013471

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	11.6	8.6	12.8



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

