

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043219.D
 Acq On : 15 Oct 2019 15:20
 Operator : JU
 Sample : K5348-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 01:16:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54388	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	202702	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	143598	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	330121	20.00	ng	0.00
76) Chrysene-d12	21.70	240	363708	20.00	ng	0.00
87) Perylene-d12	24.92	264	421303	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	323694	106.21	ng	0.00
7) Phenol-d6	7.23	99	592912	135.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	376362	90.25	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	230360	93.29	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	864010	87.23	ng	0.00
79) Terphenyl-d14	20.03	244	1501689	87.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	43892	34.543	ng	93
3) Pyridine	3.92	79	105759	29.593	ng	89
4) n-Nitrosodimethylamine	3.83	42	67231	39.120	ng	# 80
6) Aniline	7.38	93	113925	21.505	ng	97
8) 2-Chlorophenol	7.62	128	161899	50.940	ng	98
9) Benzaldehyde	7.19	77	94261	35.148	ng	94
10) Phenol	7.25	94	240022	59.610	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	136960	43.962	ng	97
12) 1,3-Dichlorobenzene	7.94	146	175457	43.275	ng	98
13) 1,4-Dichlorobenzene	8.09	146	178986	44.284	ng	99
14) 1,2-Dichlorobenzene	8.41	146	171248	44.504	ng	99
15) Benzyl Alcohol	8.29	79	146714	44.464	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	192166	32.118	ng	93
17) 2-Methylphenol	8.50	107	138422	49.131	ng	99
18) Hexachloroethane	9.13	117	62813	41.265	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	121587	42.192	ng	90
20) 3+4-Methylphenols	8.83	107	188786	48.896	ng	94
22) Acetophenone	8.88	105	239984	45.930	ng	# 91
24) Nitrobenzene	9.26	77	181649	45.665	ng	92
25) Isophorone	9.77	82	342147	46.707	ng	98
26) 2-Nitrophenol	9.97	139	94028	55.526	ng	97
27) 2,4-Dimethylphenol	10.03	122	152231	58.537	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	190431	45.819	ng	98
29) 2,4-Dichlorophenol	10.51	162	173254	53.567	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	190374	45.580	ng	98
31) Naphthalene	10.91	128	497741	49.882	ng	99
32) Benzoic acid	10.19	122	78095	40.046	ng	96
33) 4-Chloroaniline	11.02	127	38224	8.828	ng	94
34) Hexachlorobutadiene	11.19	225	137479	43.960	ng	95
35) Caprolactam	11.80	113	32368	28.379	ng	# 63
36) 4-Chloro-3-methylphenol	12.14	107	186494	53.032	ng	96
37) 2-Methylnaphthalene	12.51	142	377229	49.556	ng	96
38) 1-Methylnaphthalene	12.72	142	355087	49.298	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	251414	46.565	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	271843	79.022	ng	97
43) 2,4,6-Trichlorophenol	13.12	196	163052	51.596	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	178680	54.886	ng	96
46) 1,1'-Biphenyl	13.51	154	513082	47.116	ng	98
47) 2-Chloronaphthalene	13.56	162	406231	49.756	ng	97
48) 2-Nitroaniline	13.76	65	123295	45.411	ng	90
49) Acenaphthylene	14.40	152	645906	51.702	ng	98
50) Dimethylphthalate	14.13	163	603571	56.098	ng	99
51) 2,6-Dinitrotoluene	14.25	165	120498	52.590	ng	93
52) Acenaphthene	14.74	154	389710	46.604	ng	98
53) 3-Nitroaniline	14.58	138	45972	19.415	ng	91
54) 2,4-Dinitrophenol	14.79	184	140333	98.534	ng	92
55) Dibenzofuran	15.07	168	621688	50.258	ng	100
56) 4-Nitrophenol	14.90	139	183086	101.478	ng	96
57) 2,4-Dinitrotoluene	15.04	165	169942	50.648	ng	93
58) Fluorene	15.73	166	534932	50.652	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	176157	50.821	ng	98
60) Diethylphthalate	15.49	149	513531	46.899	ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	304457	48.069	ng	99
62) 4-Nitroaniline	15.75	138	114206	44.223	ng	95
63) Azobenzene	16.01	77	456555	45.798	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	107775	57.694	ng	93
66) n-Nitrosodiphenylamine	15.93	169	467479	53.642	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	214036	51.658	ng	98
68) Hexachlorobenzene	16.73	284	235320	51.009	ng	98
69) Atrazine	16.88	200	175571	47.843	ng	96
70) Pentachlorophenol	17.08	266	278719	104.703	ng	97
71) Phenanthrene	17.47	178	831234	51.576	ng	98
72) Anthracene	17.56	178	851588	52.928	ng	99
73) Carbazole	17.82	167	770252	51.625	ng	98
74) Di-n-butylphthalate	18.38	149	892615	50.143	ng	99
75) Fluoranthene	19.48	202	1078519	50.594	ng	99
77) Benzidine	19.66	184	340431	37.382	ng	99
78) Pyrene	19.83	202	1087104	50.078	ng	99
80) Butylbenzylphthalate	20.71	149	412632	50.077	ng	95
81) Benzo(a)anthracene	21.68	228	1113452	49.132	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	286824	32.269	ng	99
83) Chrysene	21.74	228	1091382	49.626	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	603825	51.499	ng	98
85) Di-n-octyl phthalate	22.79	149	1020482	53.226	ng	95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1464586	53.494	ng	99
88) Benzo(b)fluoranthene	23.90	252	1218022	51.095	ng	98
89) Benzo(k)fluoranthene	23.97	252	1202131	50.975	ng	99
90) Benzo(a)pyrene	24.77	252	1197155	53.229	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1227749	53.236	ng	99
92) Benzo(g,h,i)perylene	29.76	276	1225970	54.864	ng	98

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

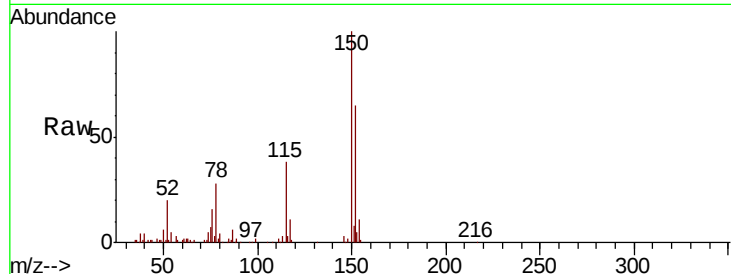


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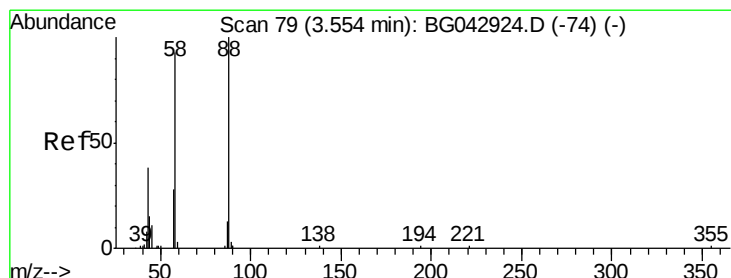
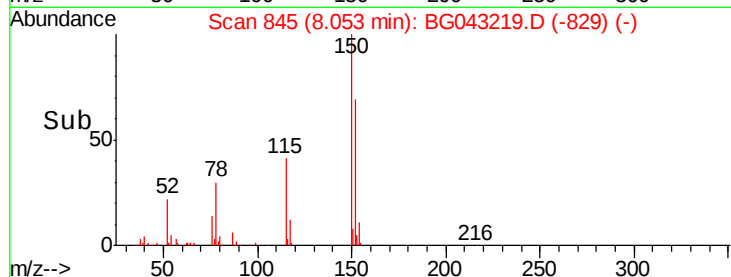
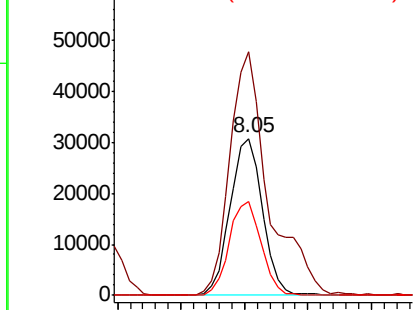
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54388
Ion Ratio Lower Upper
152 100
150 155.0 115.0 172.4
115 59.5 47.0 70.6



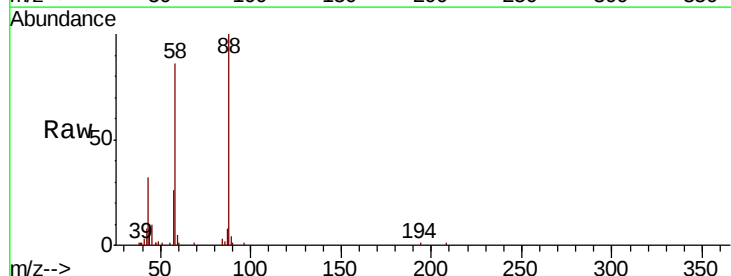
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



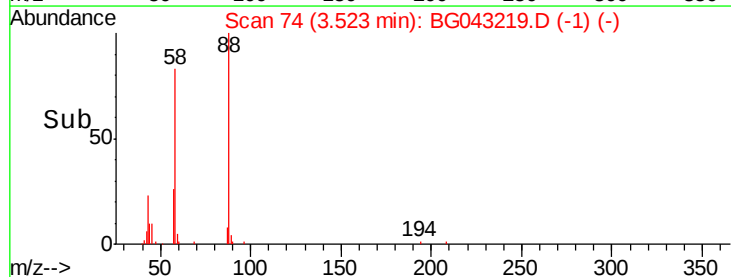
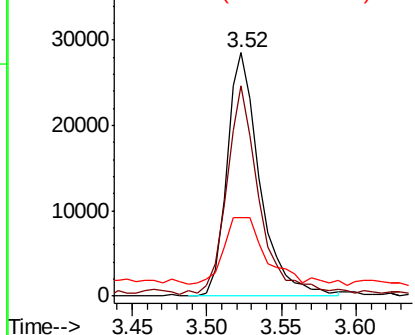
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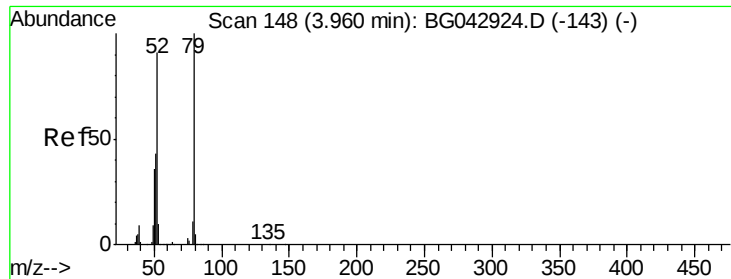
1,4-Dioxane
Concen: 34.543 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion: 88 Resp: 43892
Ion Ratio Lower Upper
88 100
58 84.1 74.3 111.5
43 36.4 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: 29.593 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

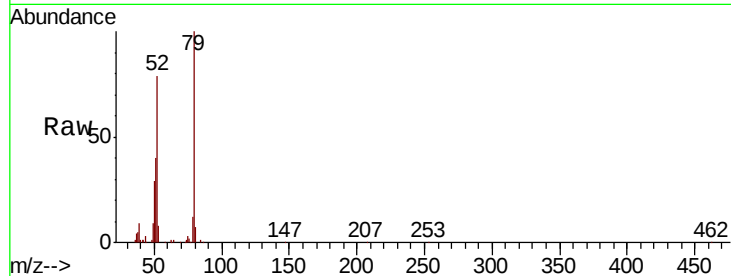
Tot Ion: 79 Resp: 105759

Ion Ratio Lower Upper

79 100

52 78.9 73.0 109.4

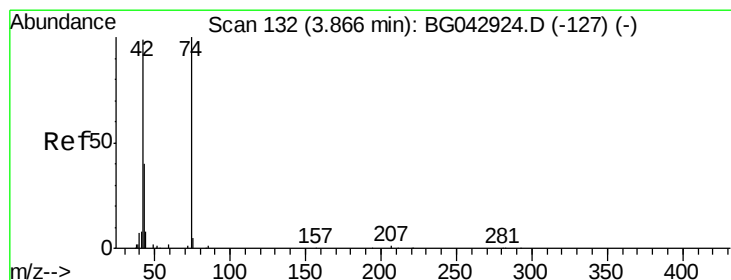
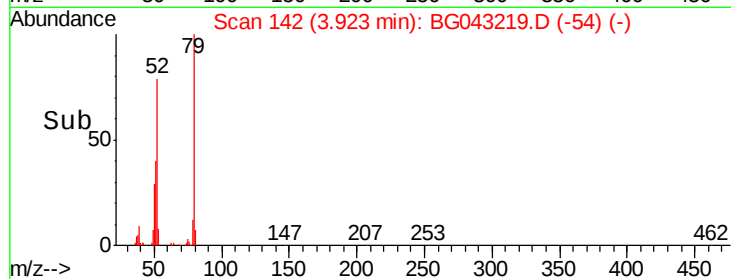
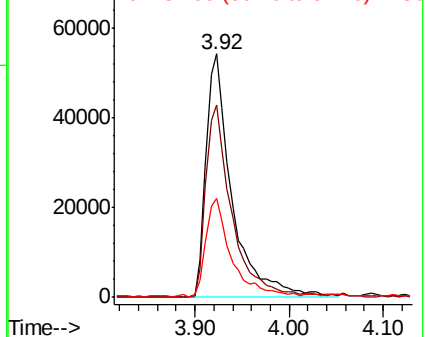
51 40.4 35.1 52.7



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: 39.120 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

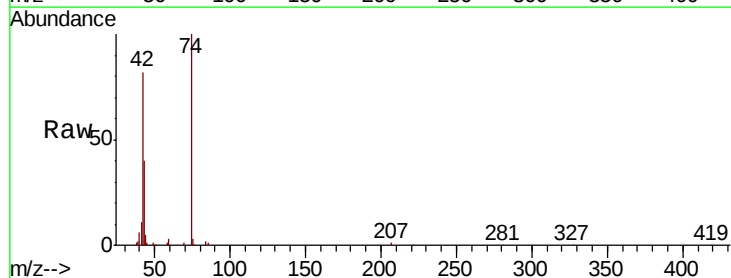
Tgt Ion: 42 Resp: 67231

Ion Ratio Lower Upper

42 100

74 121.6 80.5 120.7#

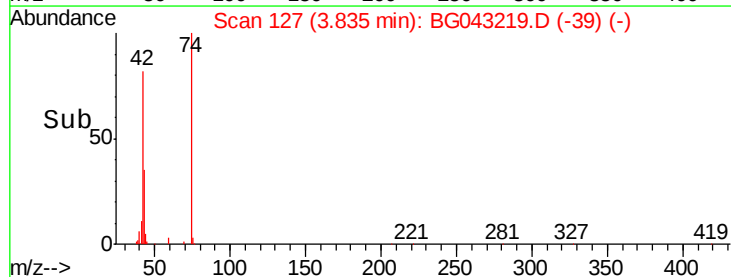
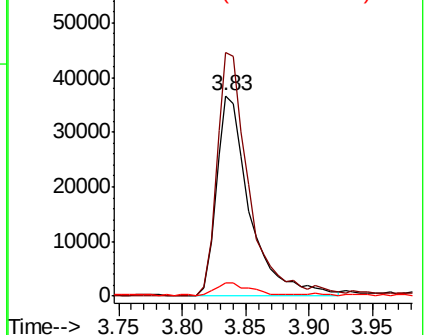
44 6.6 6.9 10.3#



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: 106.213 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

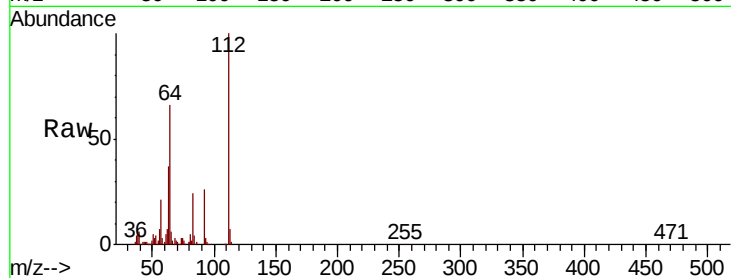
Tot Ion:112 Resp: 323694

Ion Ratio Lower Upper

112 100

64 66.3 56.6 84.8

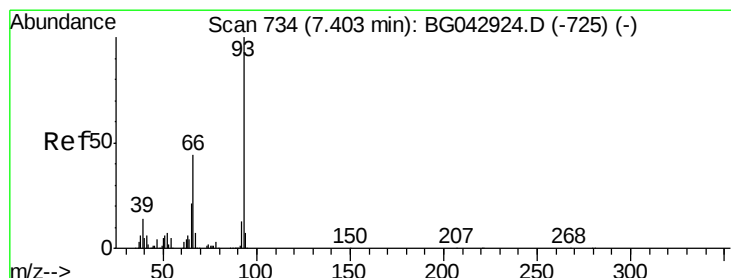
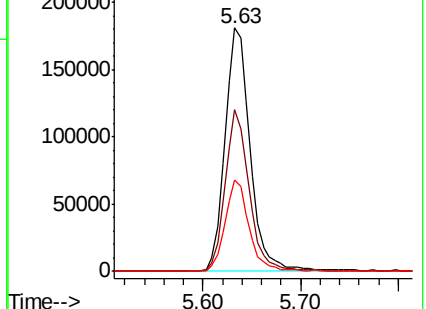
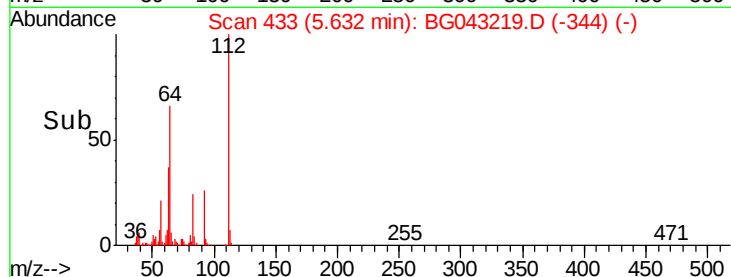
63 37.4 35.1 52.7



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: 21.505 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

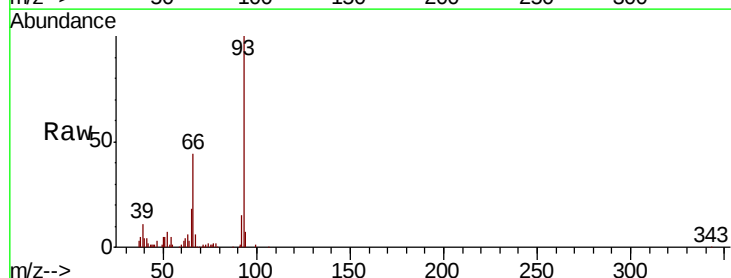
Tgt Ion: 93 Resp: 113925

Ion Ratio Lower Upper

93 100

66 43.8 35.0 52.6

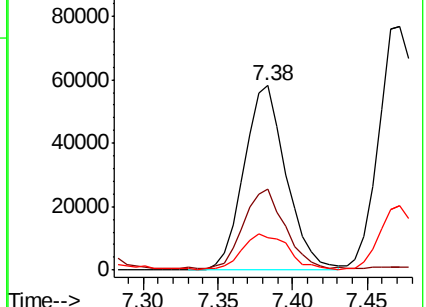
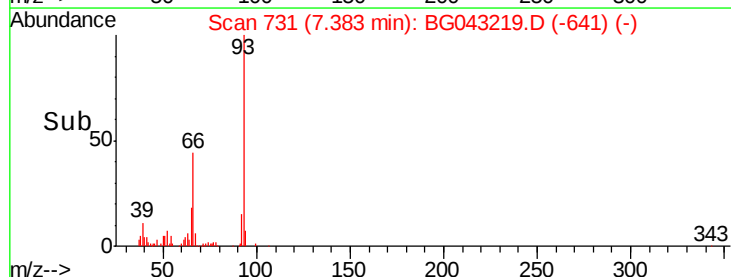
65 17.9 17.4 26.0



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: 135.099 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

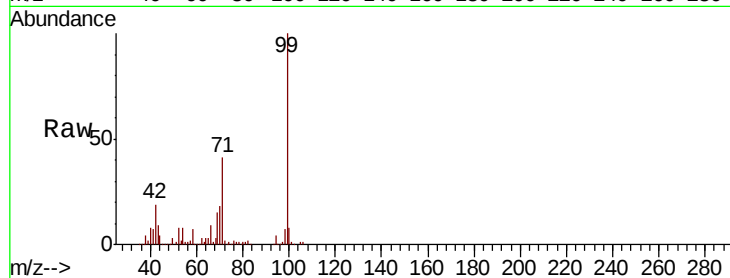
Tot Ion: 99 Resp: 592912

Ion Ratio Lower Upper

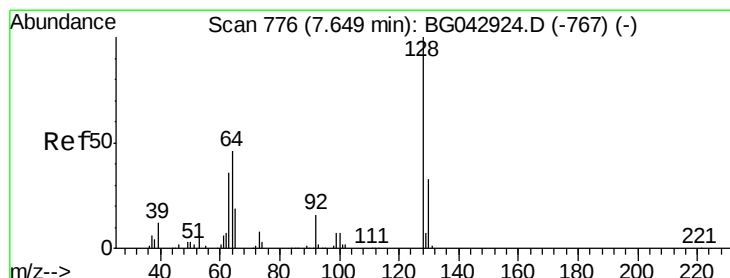
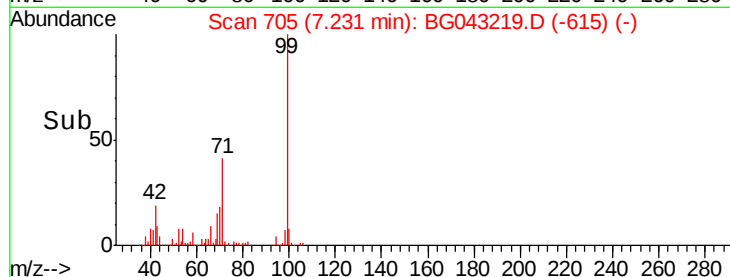
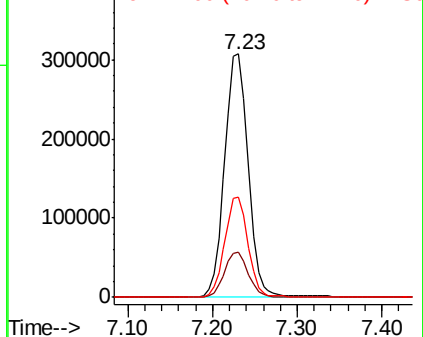
99 100

42 18.7 17.2 25.8

71 41.1 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: 50.940 ng

RT: 7.62 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

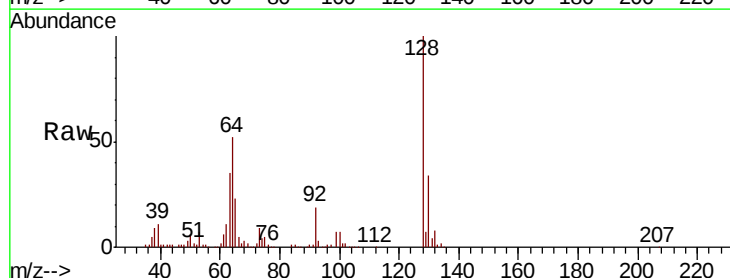
Tgt Ion:128 Resp: 161899

Ion Ratio Lower Upper

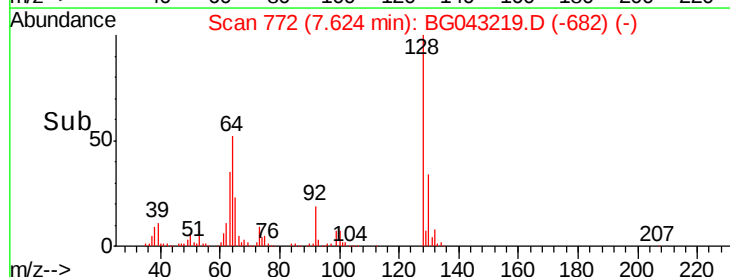
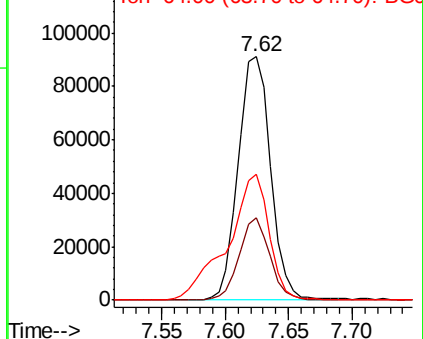
128 100

130 33.9 12.5 52.5

64 51.5 32.8 72.8



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





#9

Benzaldehyde

Concen: 35.148 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

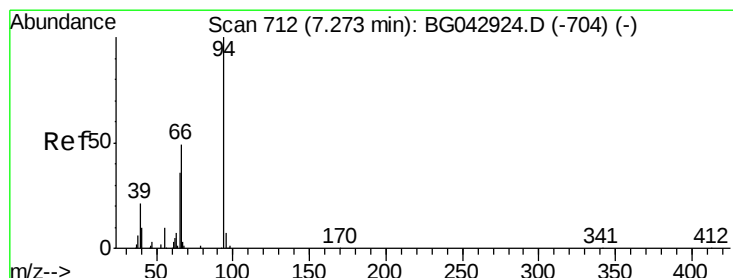
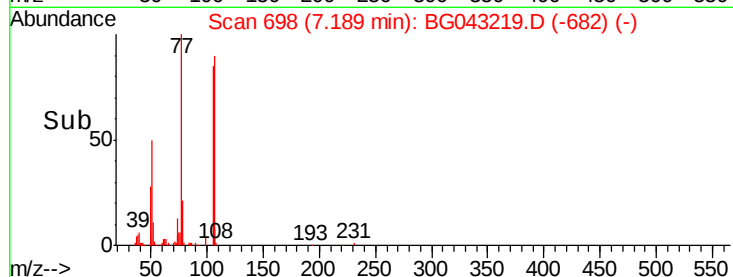
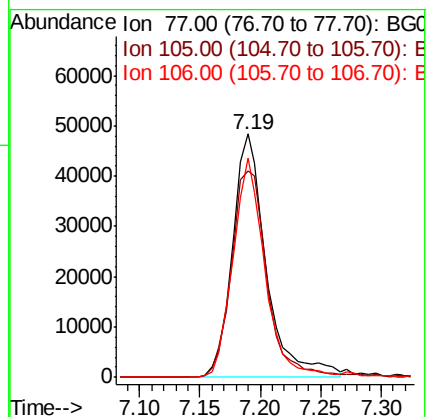
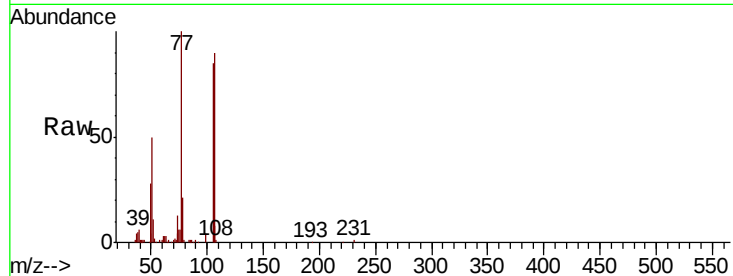
Tot Ion: 77 Resp: 94261

Ion Ratio Lower Upper

77 100

105 85.0 64.6 104.6

106 90.1 59.4 99.4



#10

Phenol

Concen: 59.610 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

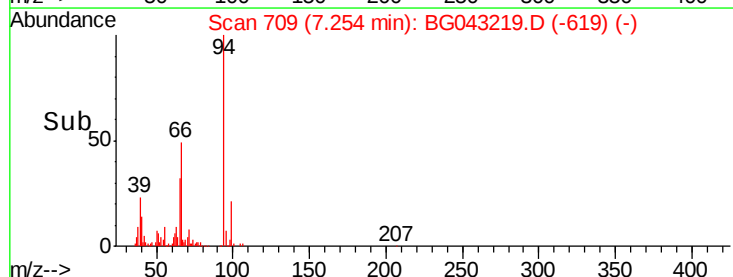
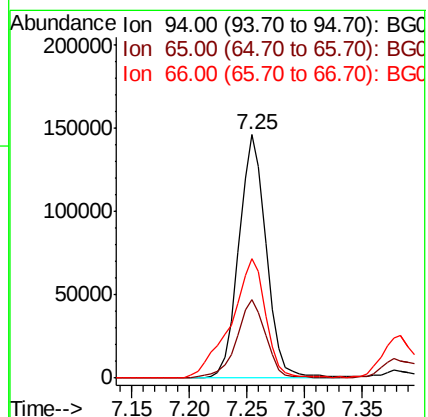
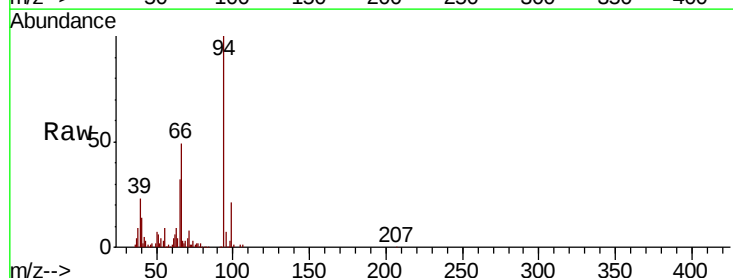
Tgt Ion: 94 Resp: 240022

Ion Ratio Lower Upper

94 100

65 32.3 16.6 56.6

66 49.0 32.4 72.4

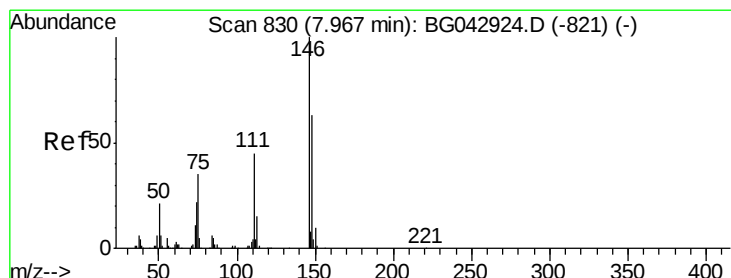
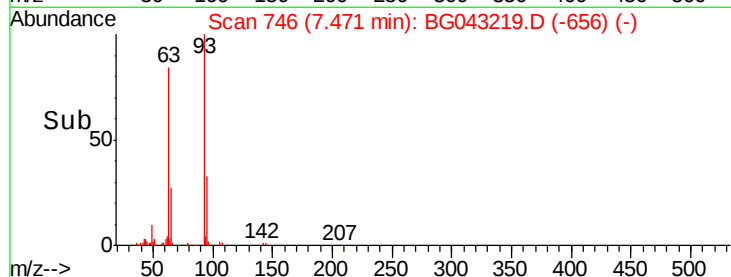
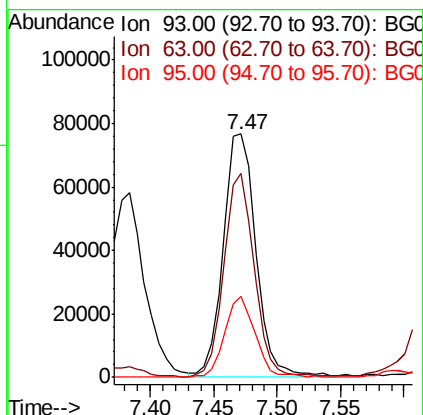
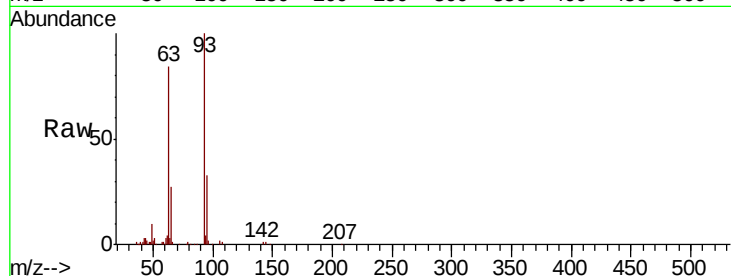




#11
 bis(2-Chloroethyl)ether
 Concen: 43.962 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

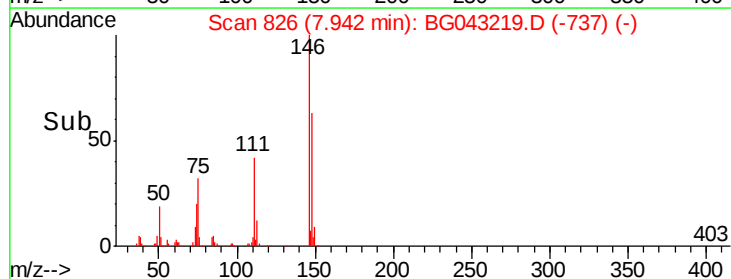
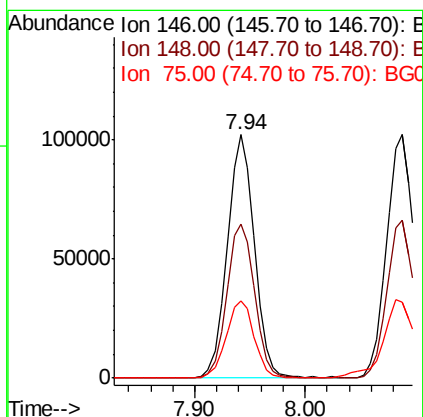
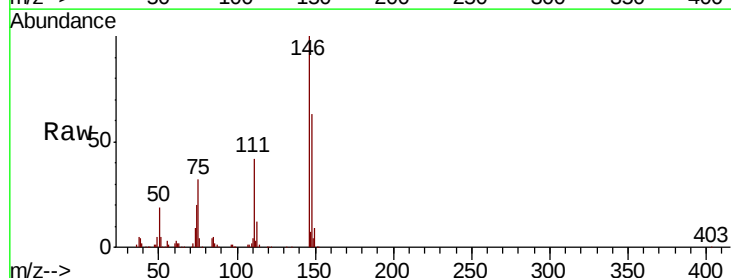
Instrument :
 BNA_G
 ClientSampleId :

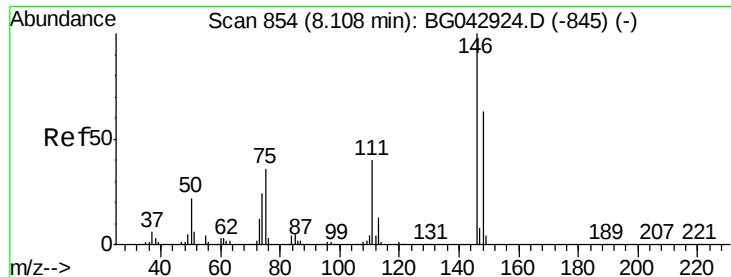
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	67.4	107.4
95	33.2	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 43.275 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.7	76.1
75	31.9	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 44.284 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

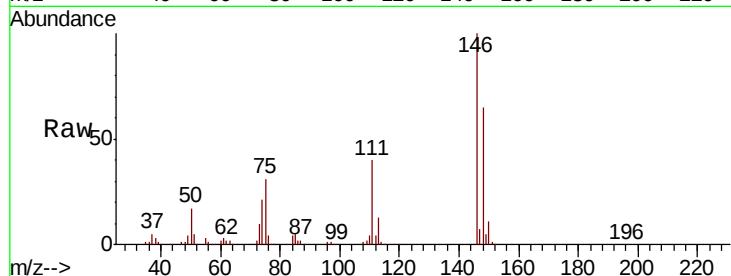
Tot Ion:146 Resp: 178986

Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

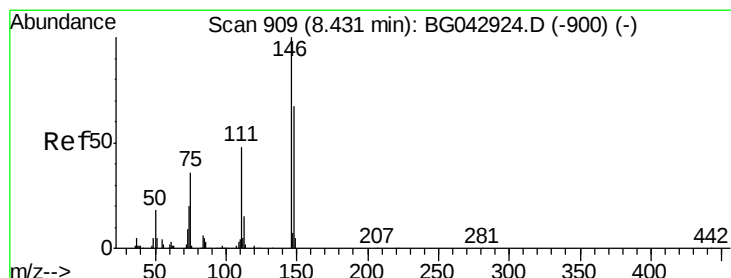
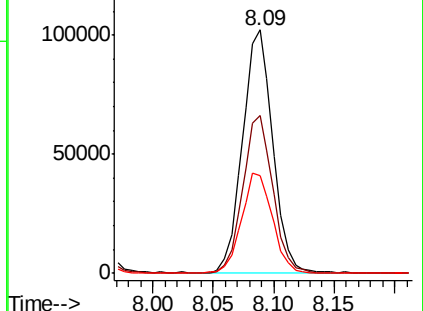
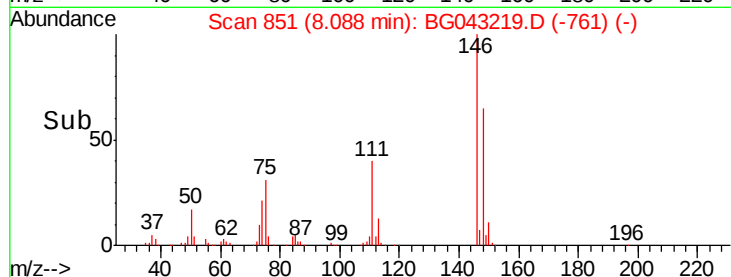
111 40.0 31.8 47.8



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: 44.504 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

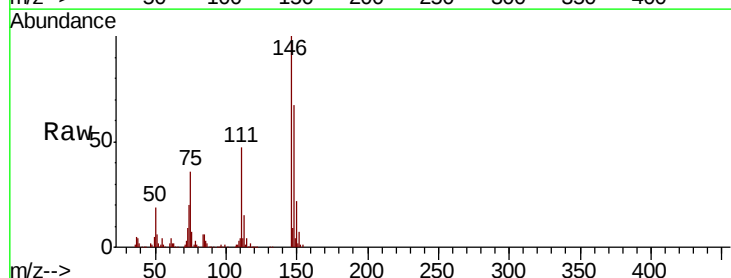
Tgt Ion:146 Resp: 171248

Ion Ratio Lower Upper

146 100

148 67.0 53.4 80.2

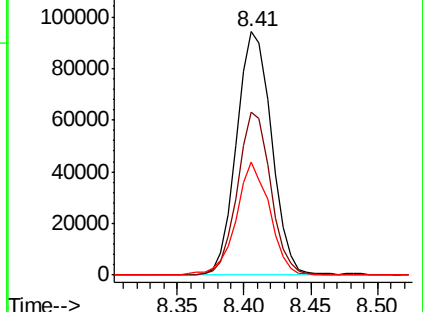
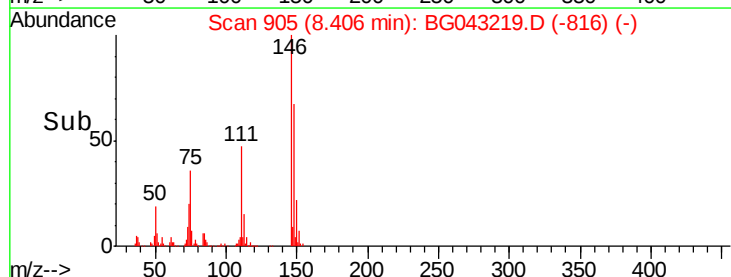
111 46.6 38.5 57.7



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: 44.464 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

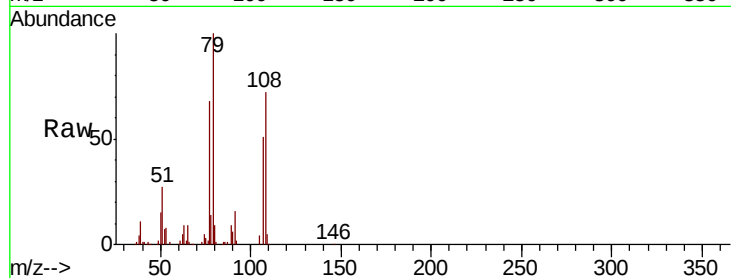
Tot Ion: 79 Resp: 146714

Ion Ratio Lower Upper

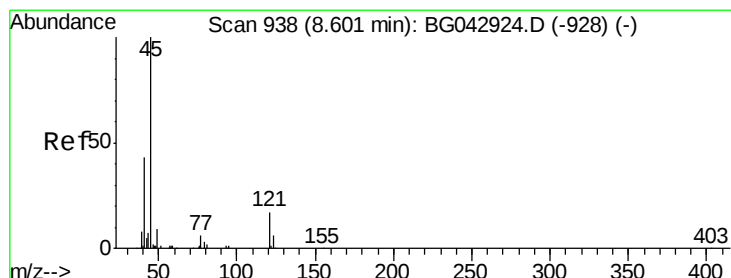
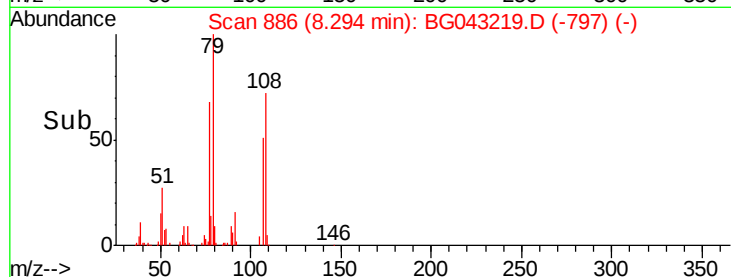
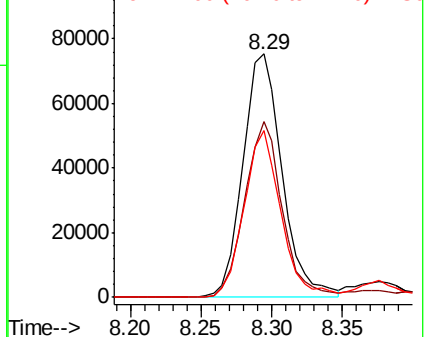
79 100

108 72.1 55.7 83.5

77 68.3 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.118 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

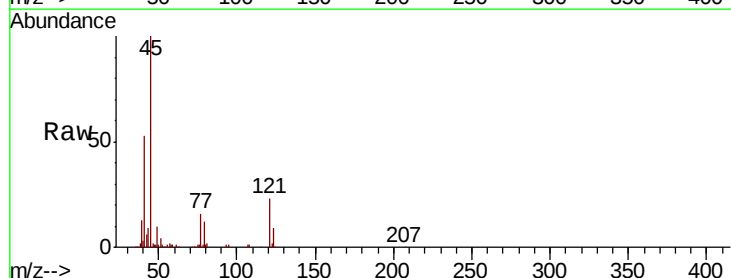
Tgt Ion: 45 Resp: 192166

Ion Ratio Lower Upper

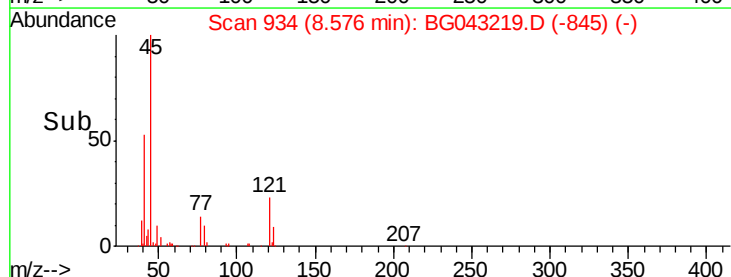
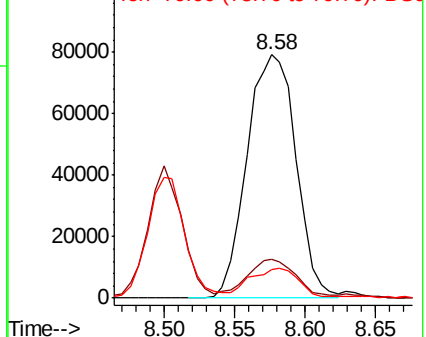
45 100

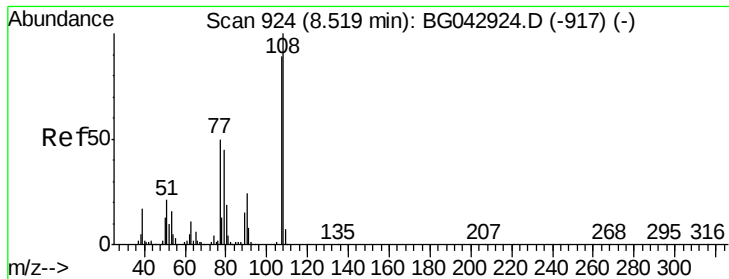
77 15.7 0.0 32.8

79 11.6 0.0 29.4



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

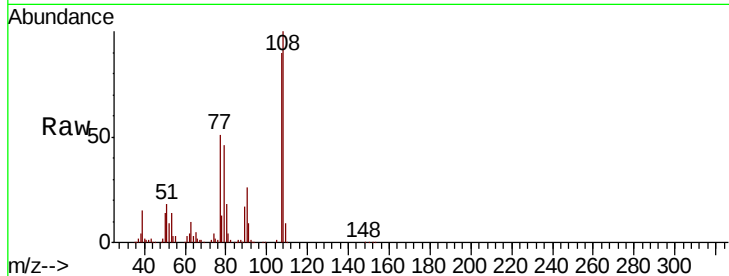




#17
2-Methylphenol
Concen: 49.131 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	138422
Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.9	134.9
77	56.4	45.4	68.2
79	51.6	41.4	62.0



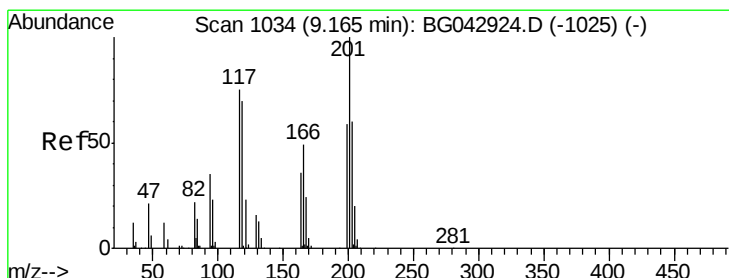
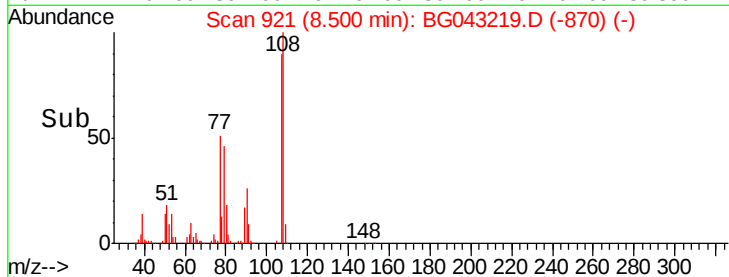
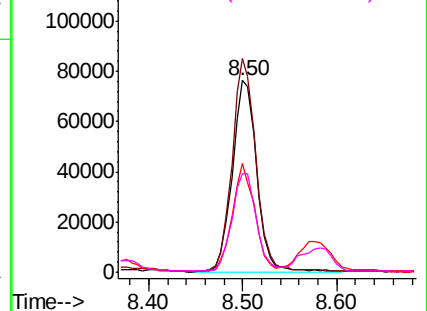
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

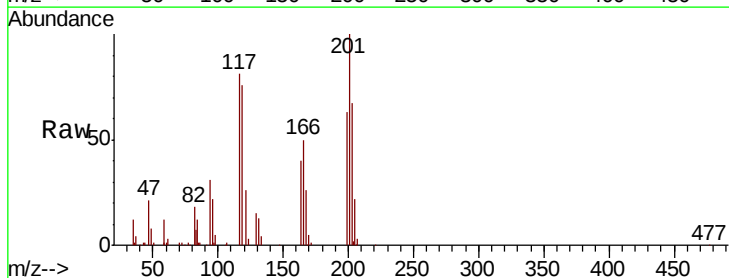
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.265 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion:	117	Resp:	62813
Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.6	111.8
201	123.6	106.0	159.0

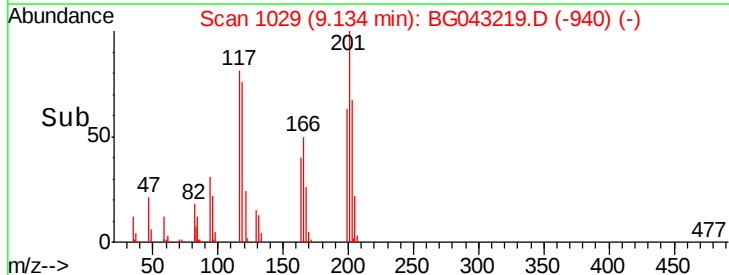
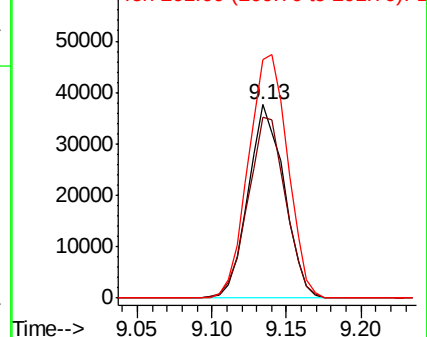


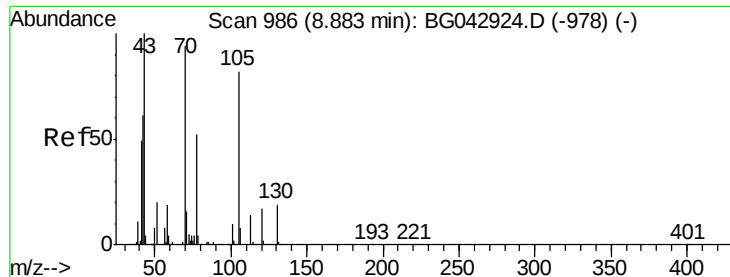
Abundance

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

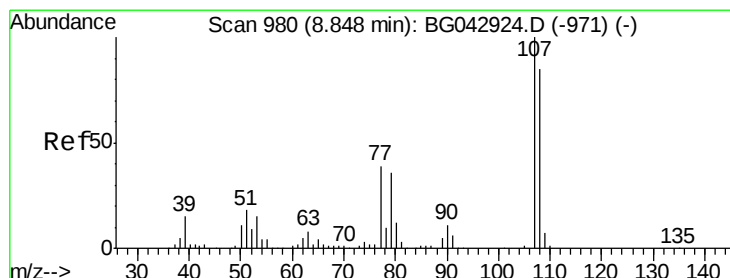
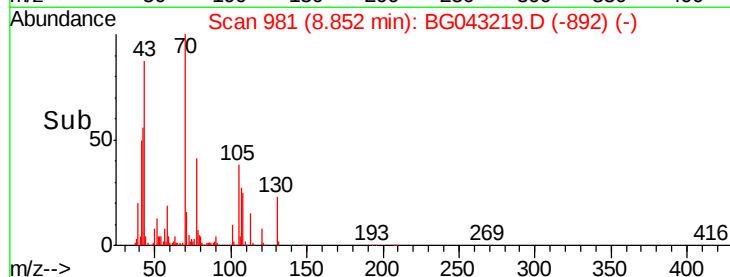
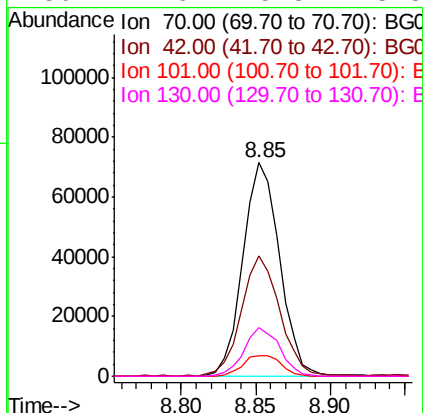
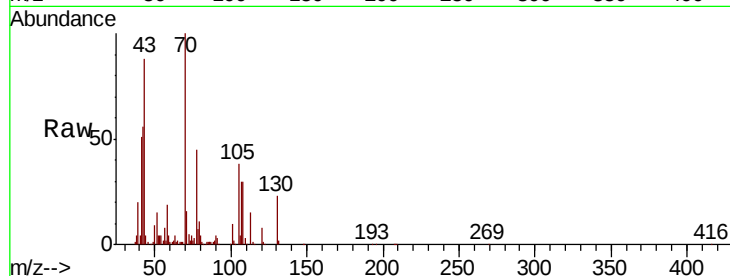




#19
n-Nitroso-di-n-propylamine
Concen: 42.192 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

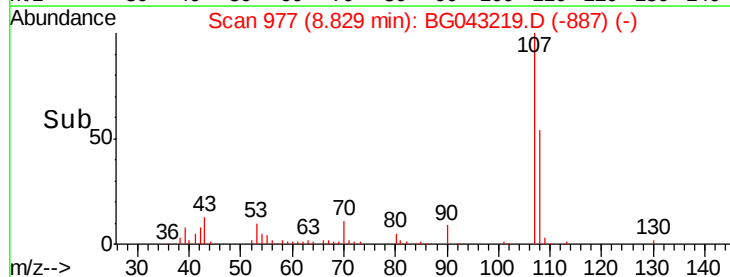
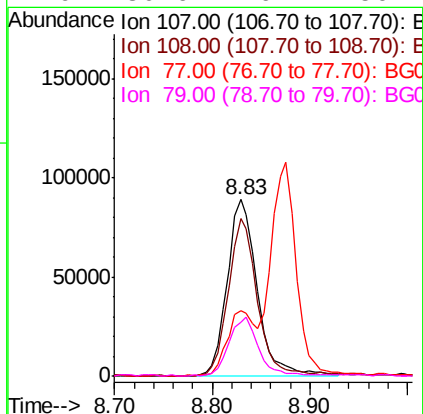
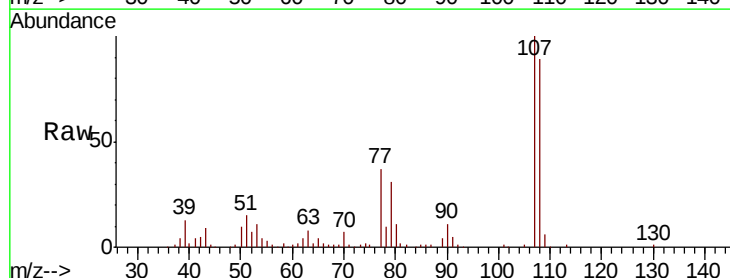
Instrument :
BNA_G
ClientSampled :

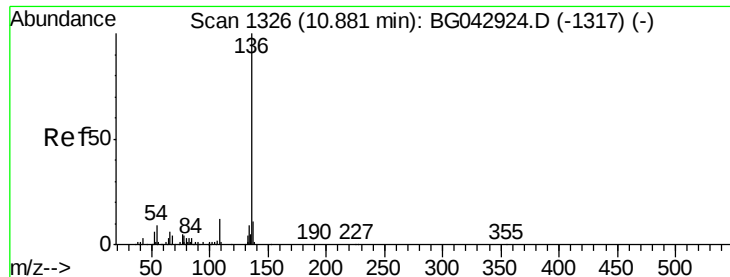
Tot Ion:	70	Resp:	121587
Ion	Ratio	Lower	Upper
70	100		
42	56.3	52.6	79.0
101	9.7	8.7	13.1
130	22.6	15.8	23.8



#20
3+4-Methylphenols
Concen: 48.896 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion:	107	Resp:	188786
Ion	Ratio	Lower	Upper
107	100		
108	89.3	64.9	104.9
77	37.2	19.4	59.4
79	30.6	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 202702

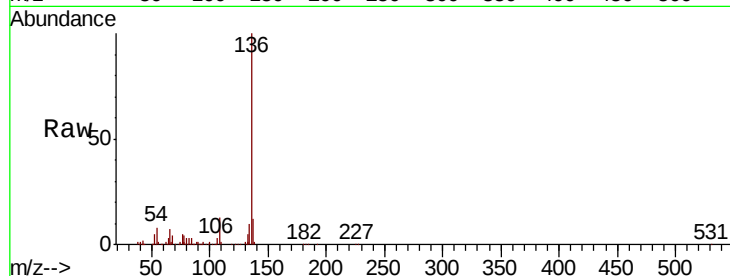
Ion Ratio Lower Upper

136 100

137 12.0 8.5 12.7

54 7.7 7.4 11.2

68 4.1 3.6 5.4

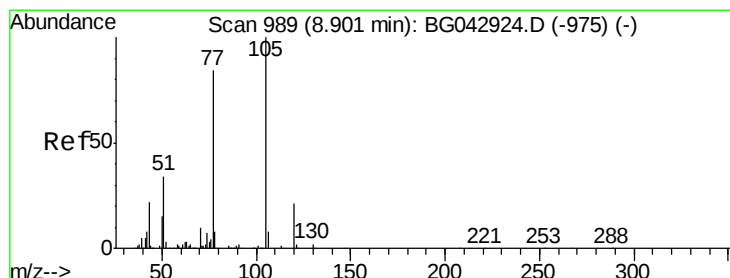
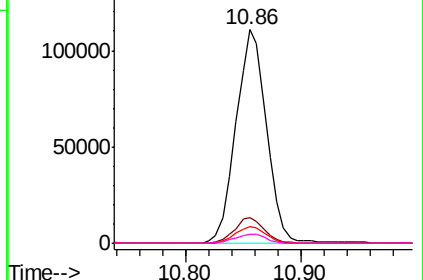
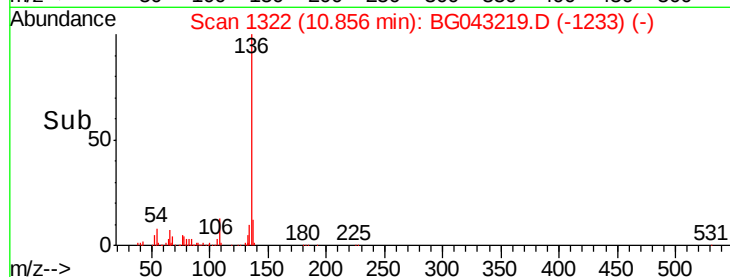


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.930 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:105 Resp: 239984

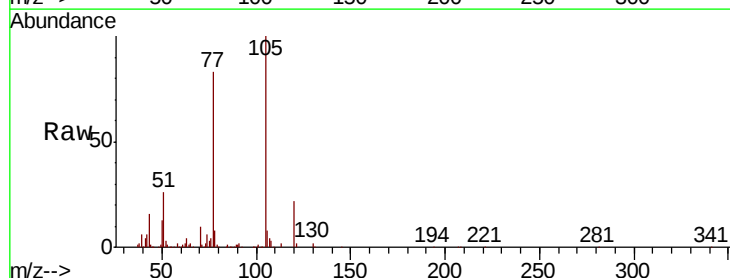
Ion Ratio Lower Upper

105 100

71 1.3 1.2 1.8

51 26.1 27.2 40.8#

120 22.1 16.9 25.3

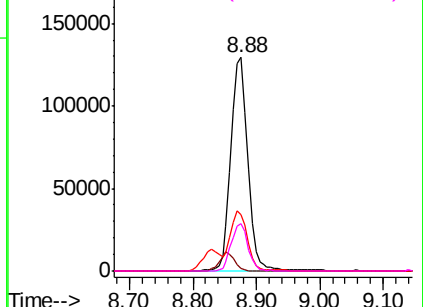
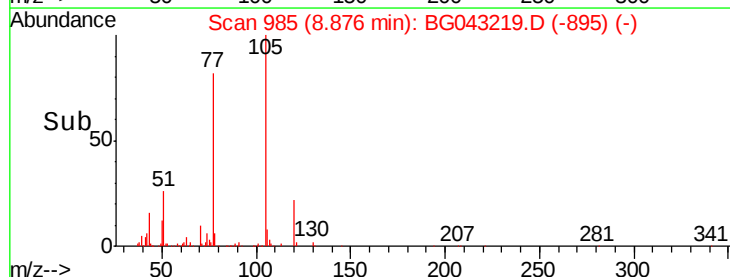


Abundance Ion 105.00 (104.70 to 105.70): E

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

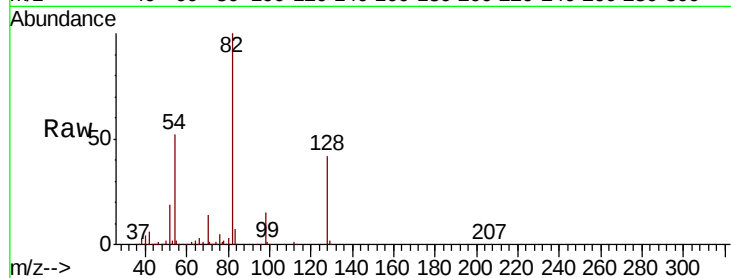




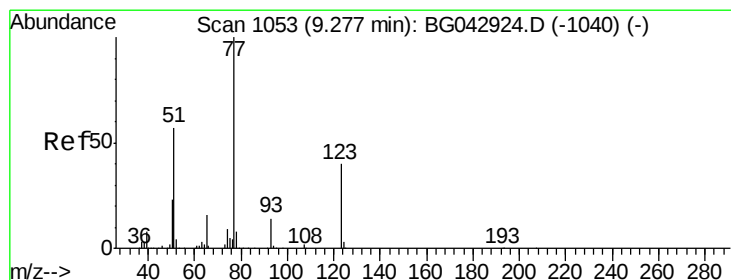
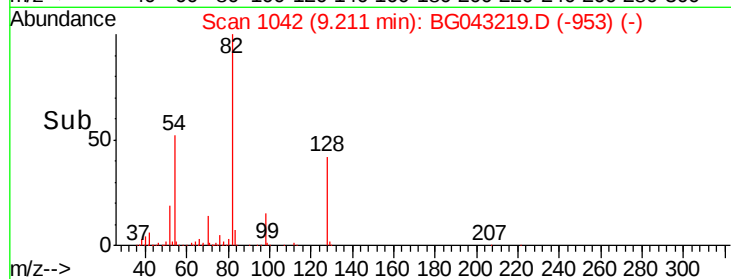
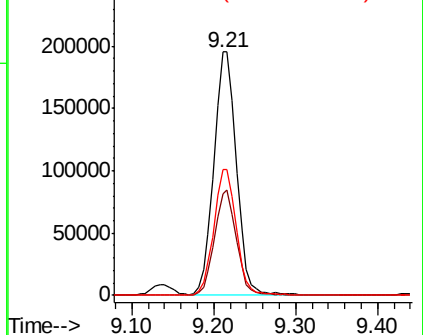
#23
 Nitrobenzene-d5
 Concen: 90.246 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	376362
Ion Ratio	Lower	Upper	
82	100		
128	41.7	29.5	44.3
54	51.6	44.6	67.0

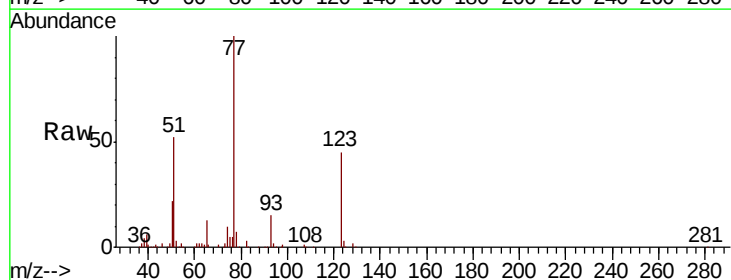


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

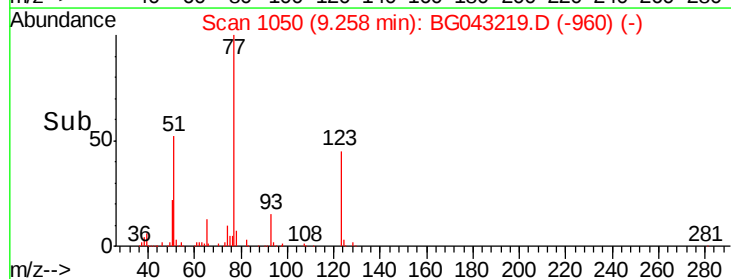
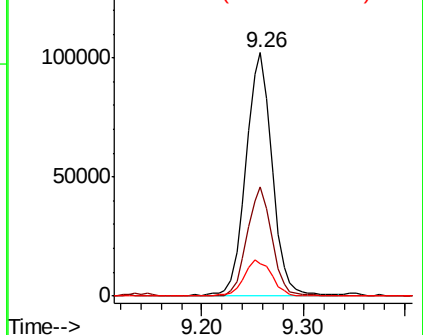


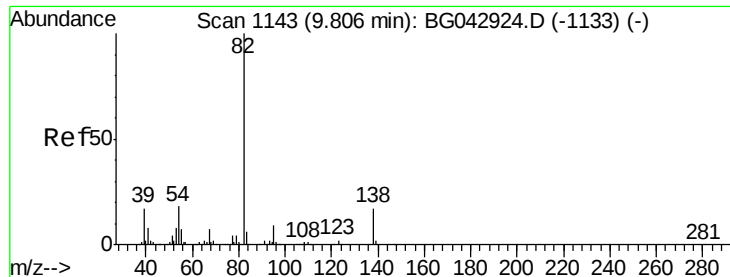
#24
 Nitrobenzene
 Concen: 45.665 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	77	Resp	181649
Ion Ratio	Lower	Upper	
77	100		
123	45.1	31.9	47.9
65	13.3	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: 46.707 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

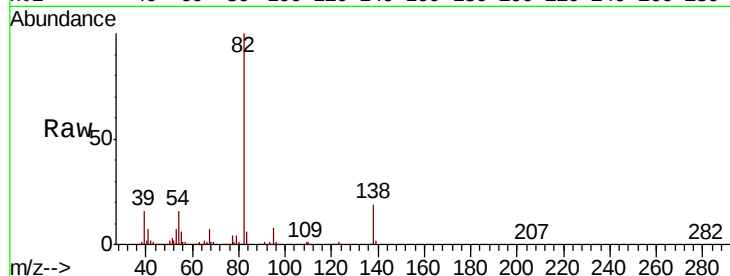
Tot Ion: 82 Resp: 342147

Ion Ratio Lower Upper

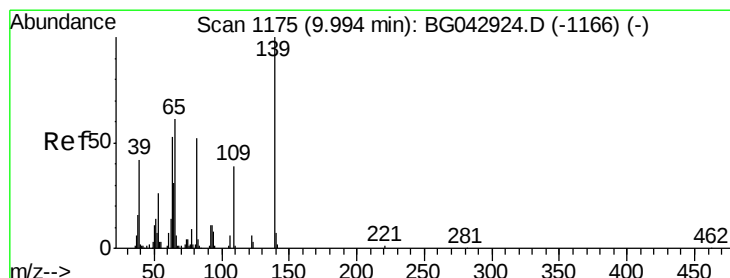
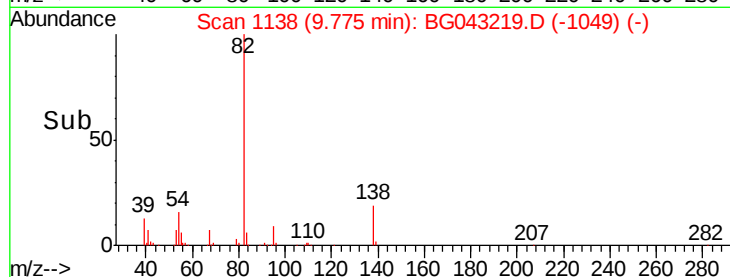
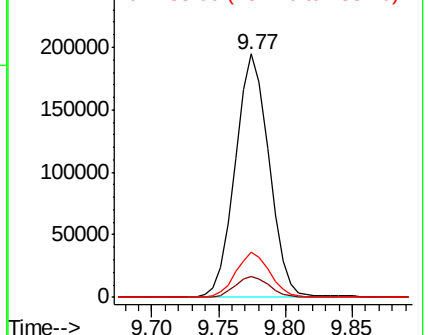
82 100

95 8.5 7.0 10.4

138 18.7 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: 55.526 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

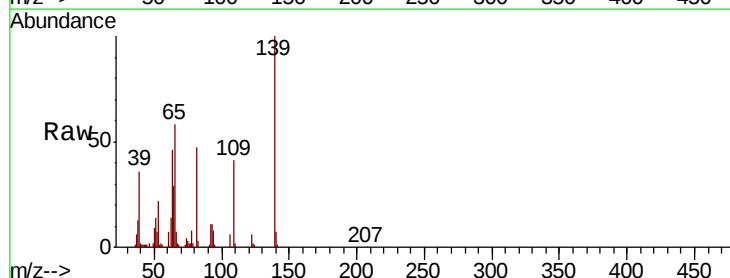
Tgt Ion: 139 Resp: 94028

Ion Ratio Lower Upper

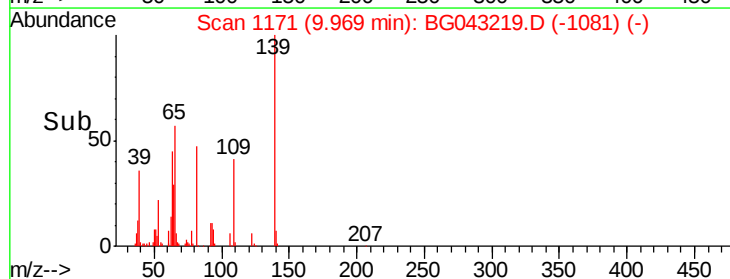
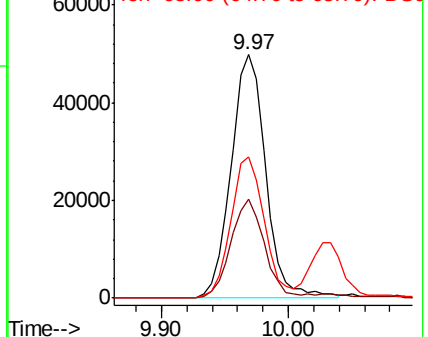
139 100

109 40.6 31.0 46.6

65 57.9 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

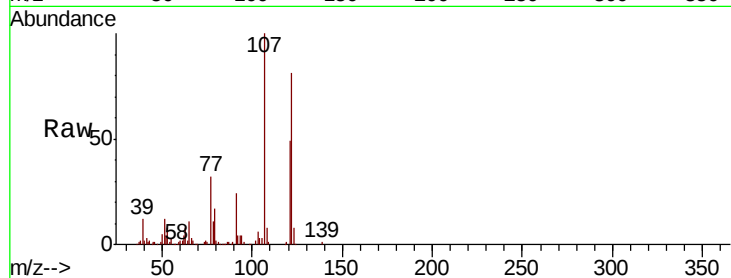




#27
 2,4-Dimethylphenol
 Concen: 58.537 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.2	102.2	153.2
121	60.6	48.5	72.7

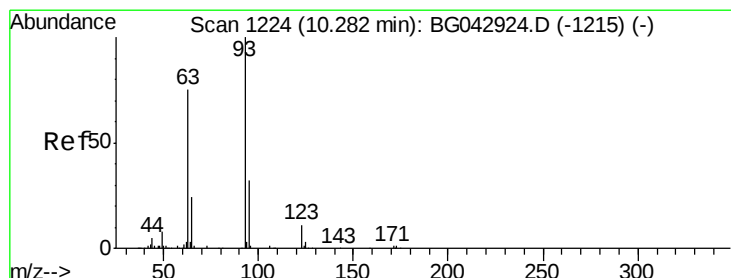
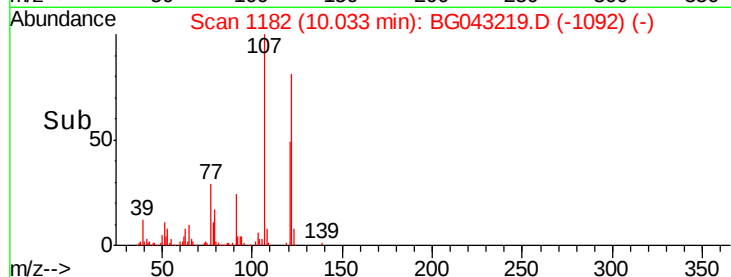
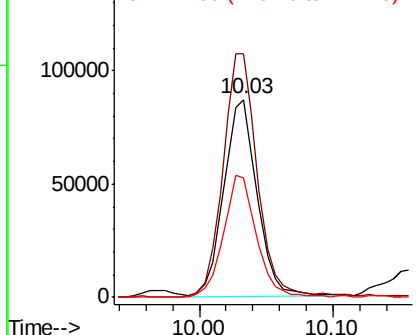


Abundance

Ion 122.00 (121.70 to 122.70): E

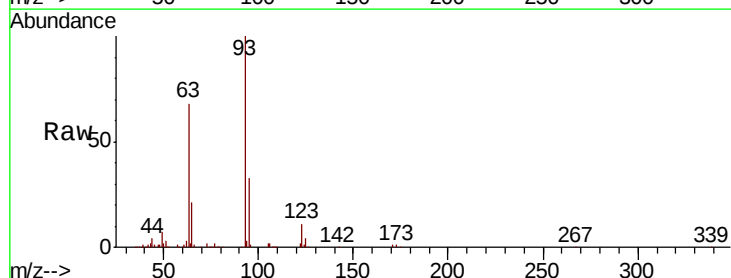
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.819 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.4	38.0
123	11.1	9.3	13.9

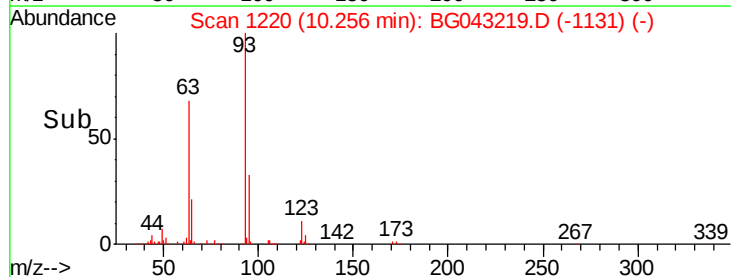
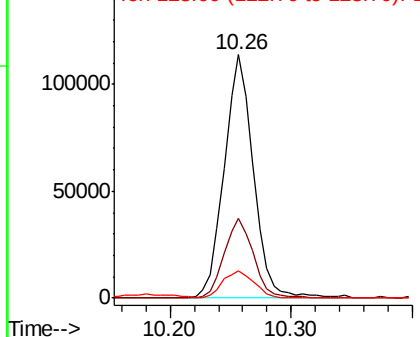


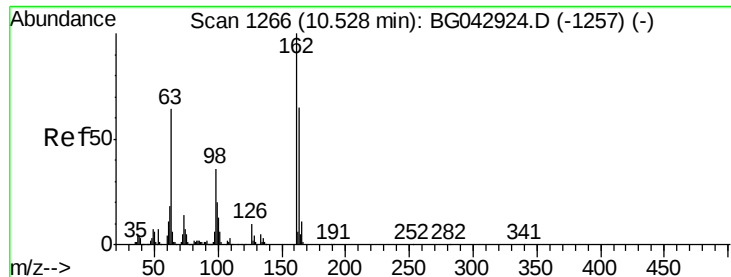
Abundance

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

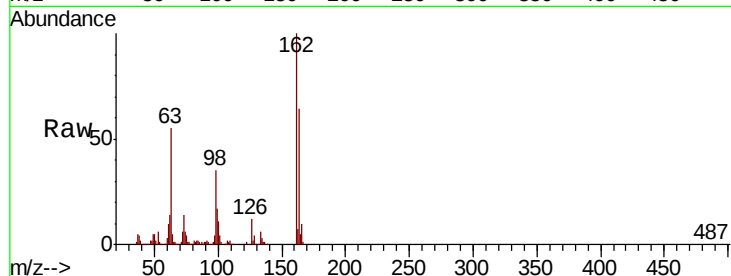




#29
 2,4-Dichlorophenol
 Concen: 53.567 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	34.7	16.0	56.0

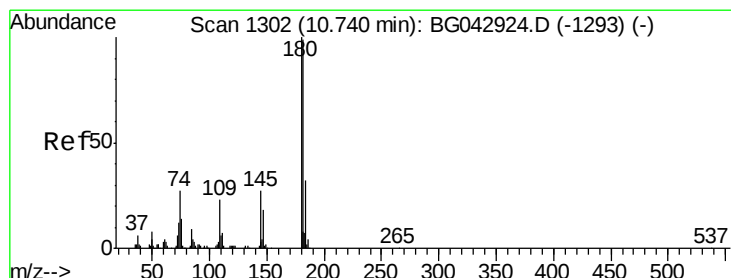
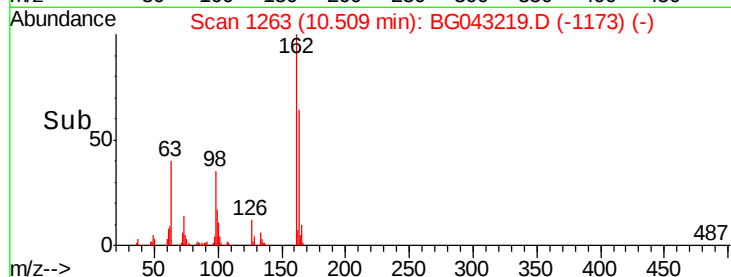
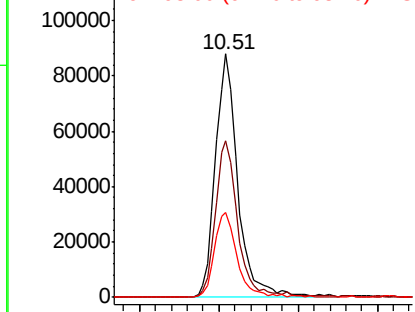


Abundance

Ion 162.00 (161.70 to 162.70): E

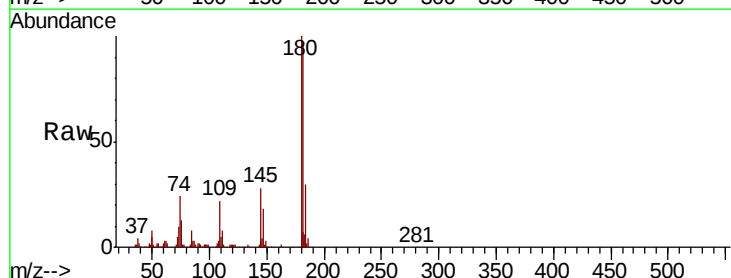
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 45.580 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	79.3	118.9
145	27.8	22.0	33.0

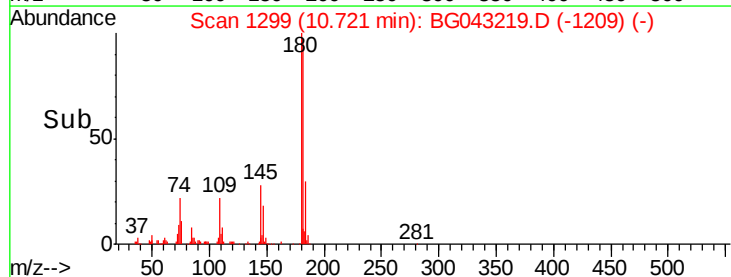
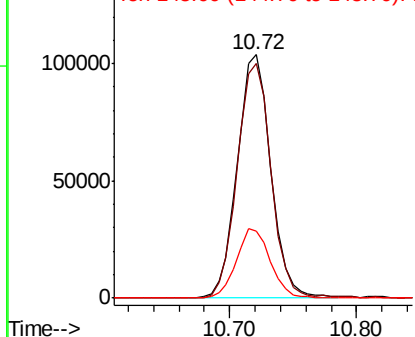


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

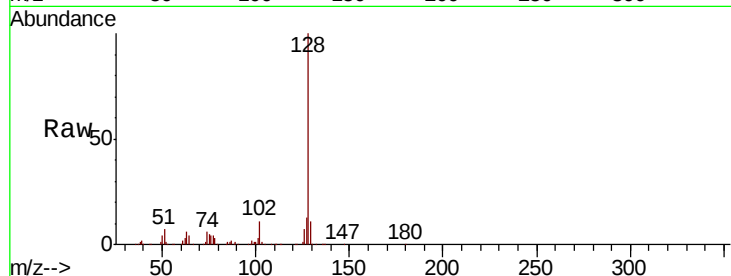




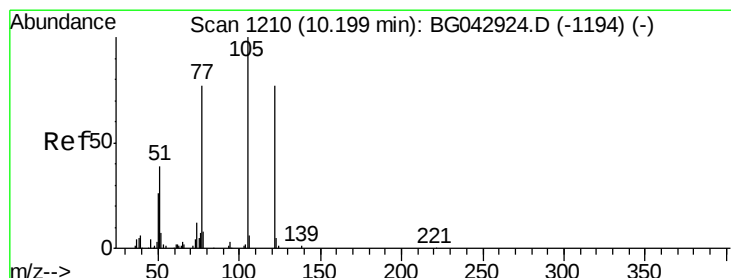
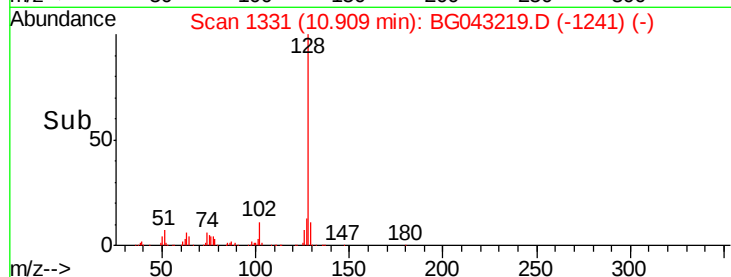
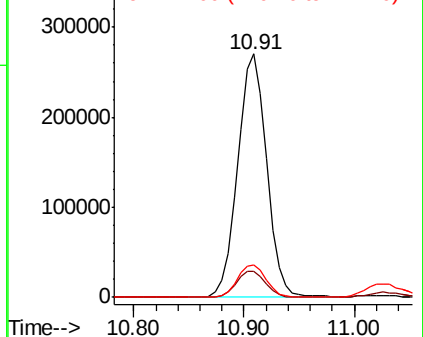
#31
Naphthalene
Concen: 49.882 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	11.3	16.9

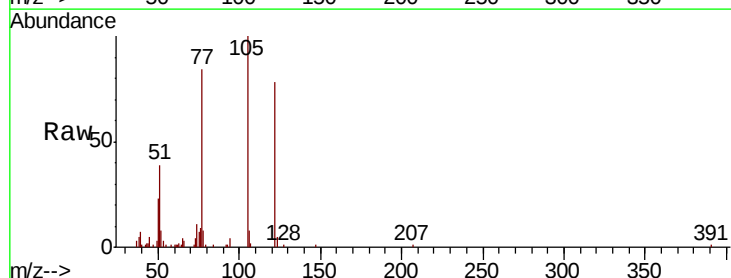


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

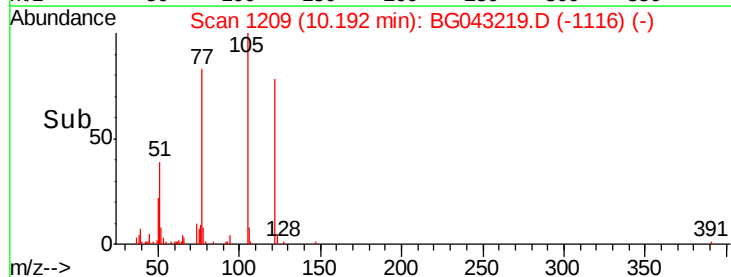
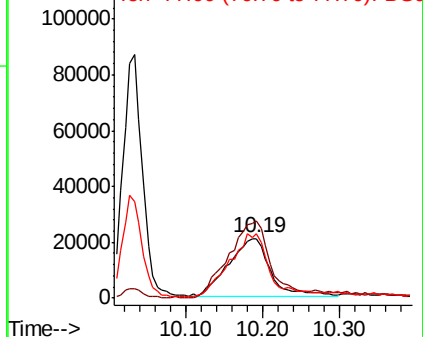


#32
Benzoic acid
Concen: 40.046 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	107.5	147.5
77	108.5	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): BGO

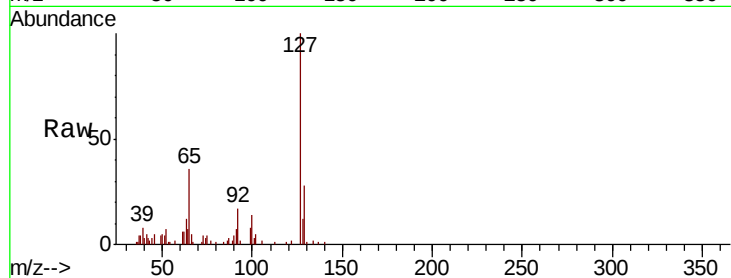




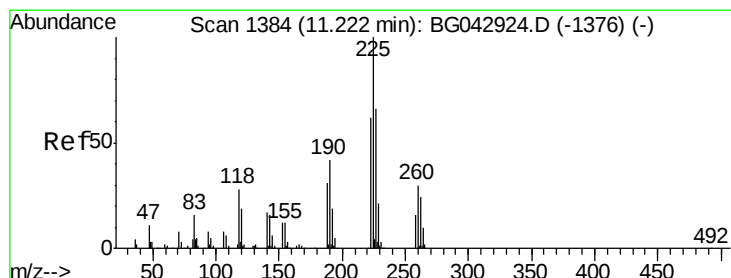
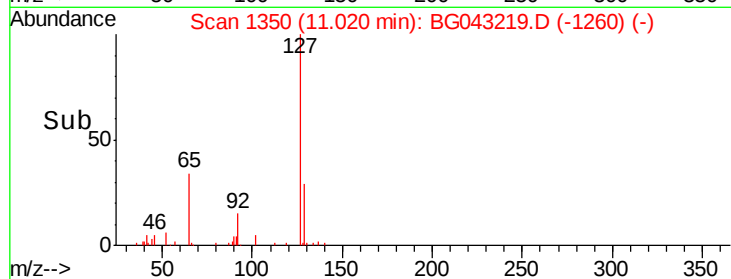
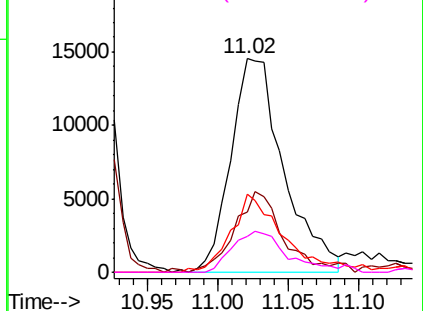
#33
4-Chloroaniline
Concen: 8.828 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	38224	
Ion Ratio	Lower	Upper	
127 100			
129 28.1	26.2	39.2	
65 36.3	30.6	45.8	
92 16.5	16.2	24.4	

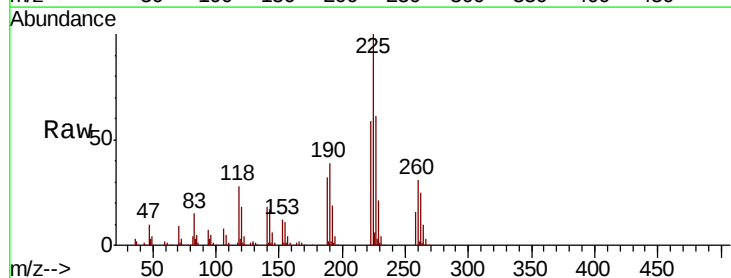


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

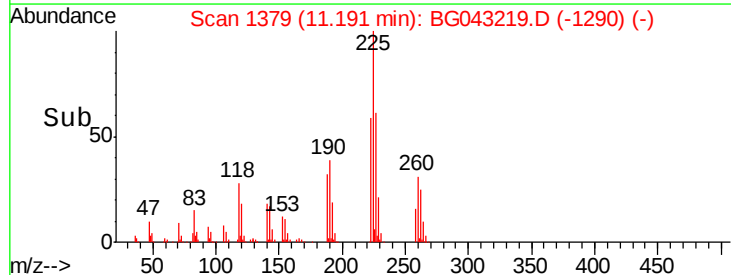
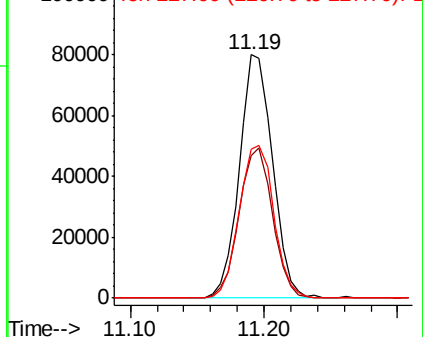


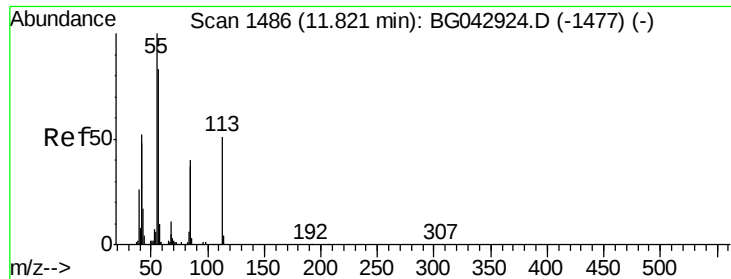
#34
Hexachlorobutadiene
Concen: 43.960 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt	Ion:225	Resp:	137479
Ion	Ratio	Lower	Upper
225	100		
223	58.7	49.3	73.9
227	61.3	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

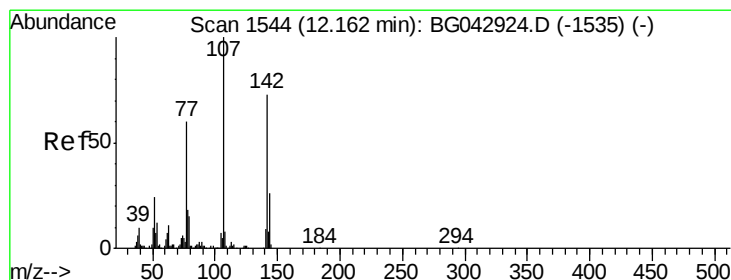
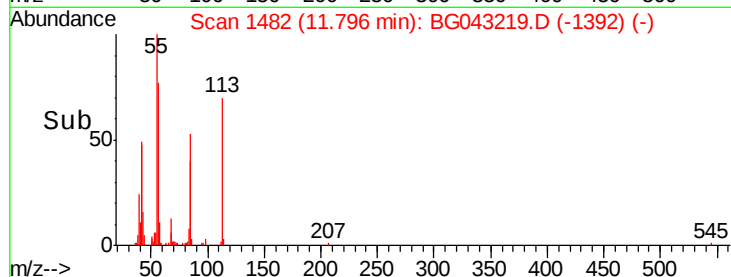
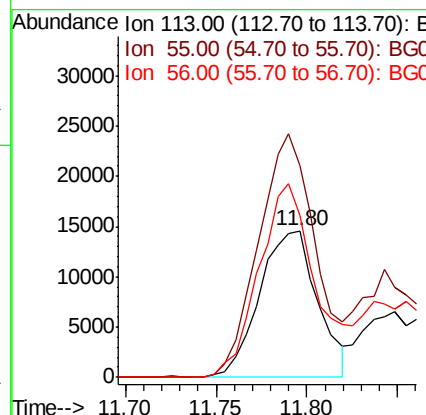
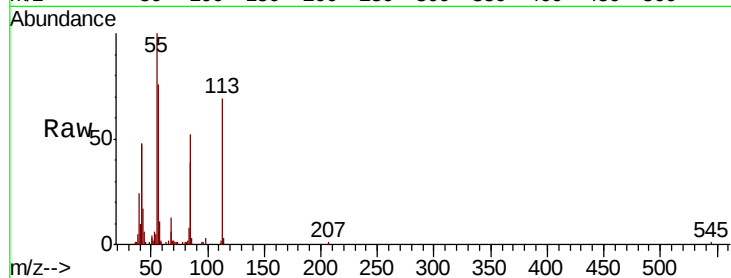




#35
 Caprolactam
 Concen: 28.379 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

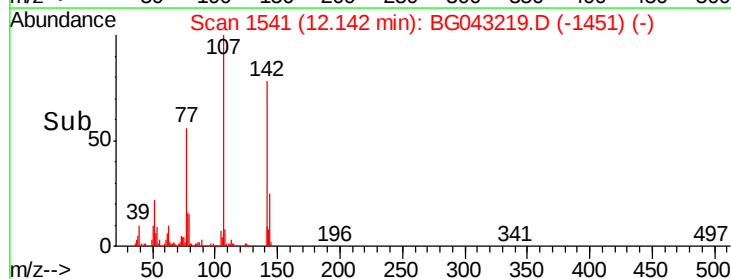
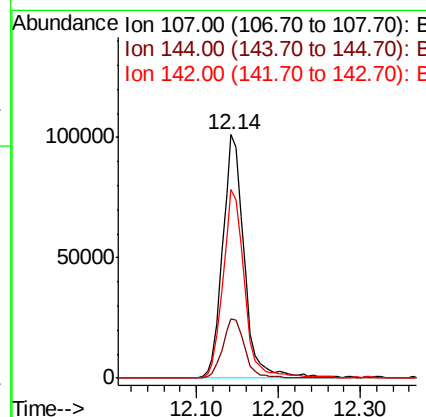
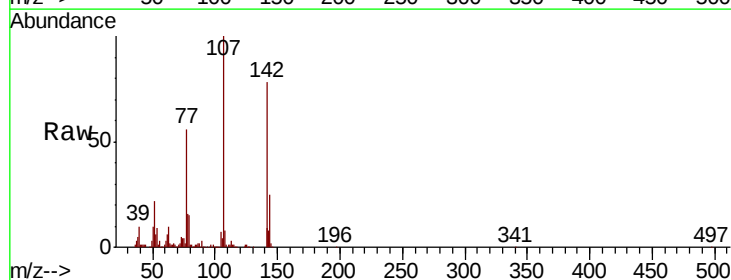
Instrument :
 BNA_G
 ClientSampleId :

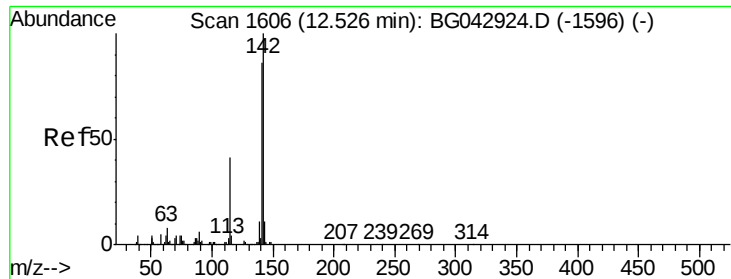
Tot Ion:113 Resp: 32368
 Ion Ratio Lower Upper
 113 100
 55 144.3 175.5 215.5#
 56 109.9 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 53.032 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion:107 Resp: 186494
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.7 31.1
 142 77.5 58.6 87.8

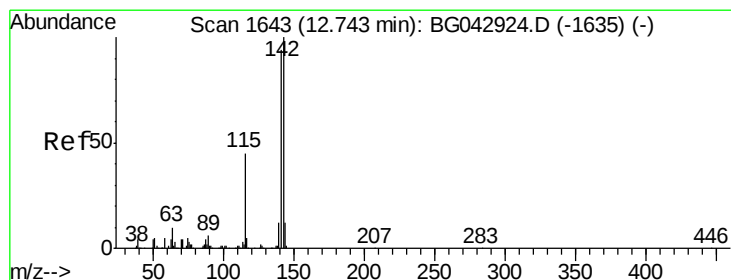
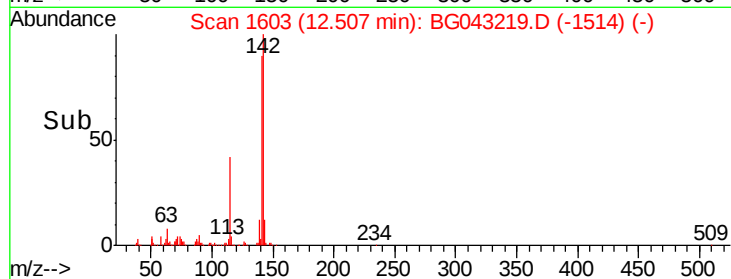
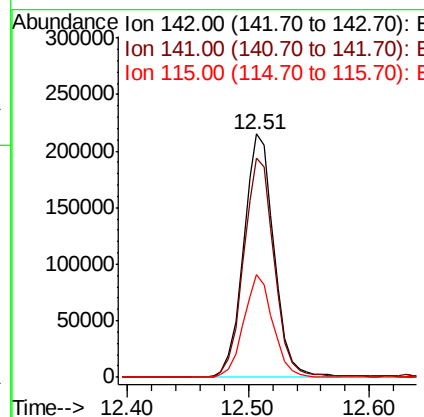
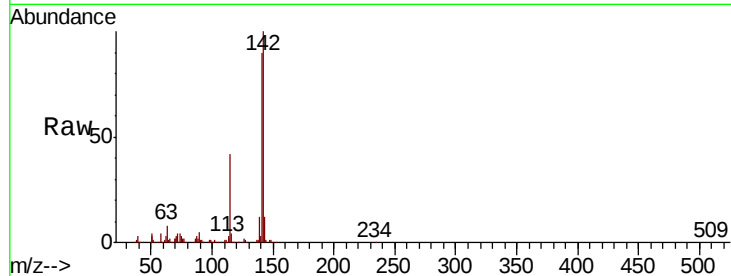




#37
 2-Methylnaphthalene
 Concen: 49.556 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

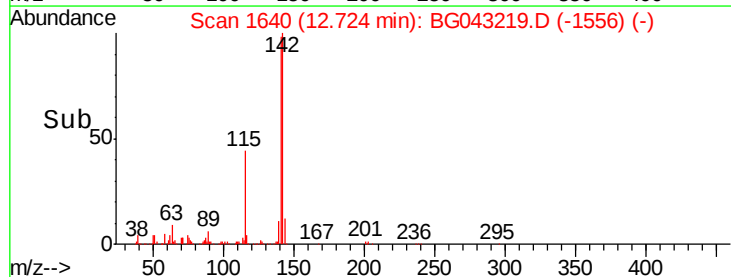
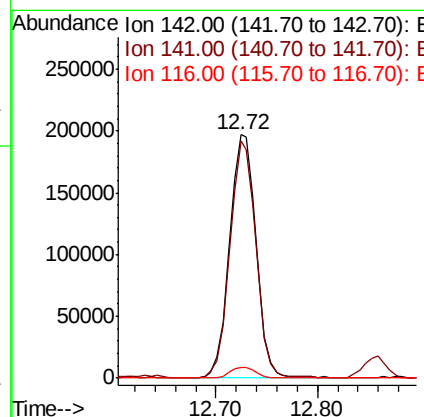
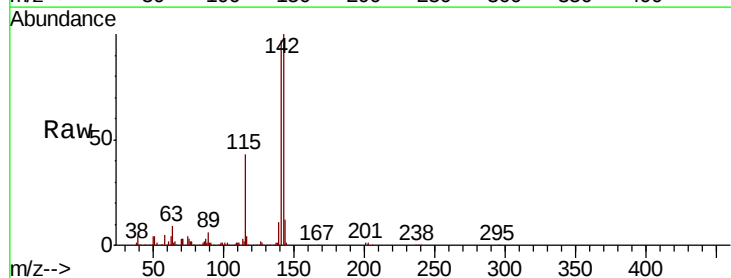
Instrument :
 BNA_G
 ClientSampled :

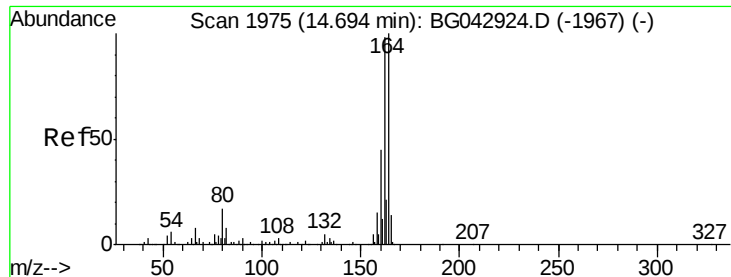
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.0	103.4
115	42.4	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 49.298 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.3	74.9	112.3
116	4.3	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

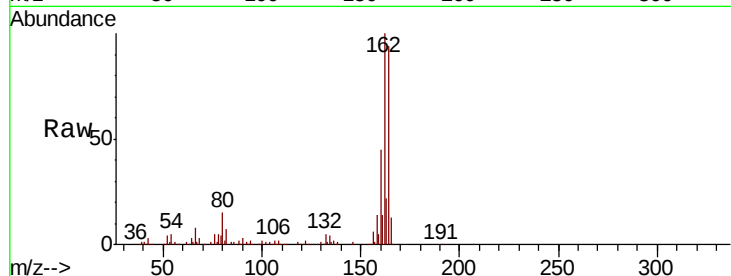
Tot Ion:164 Resp: 143598

Ion Ratio Lower Upper

164 100

162 106.0 78.5 117.7

160 47.2 35.9 53.9

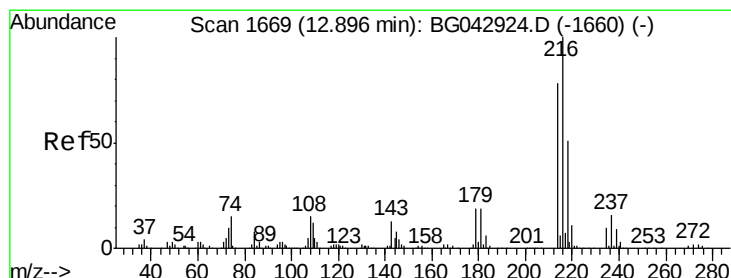
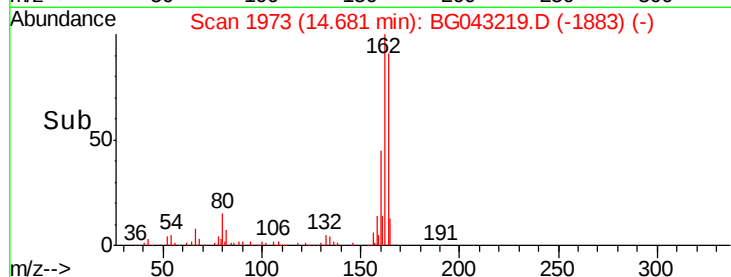
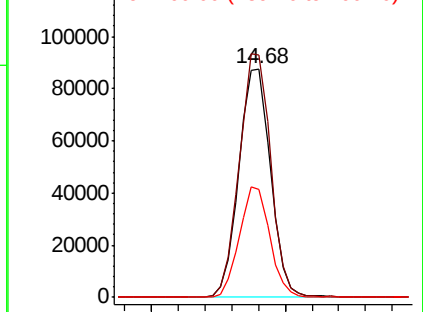


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.565 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Tgt Ion:216 Resp: 251414

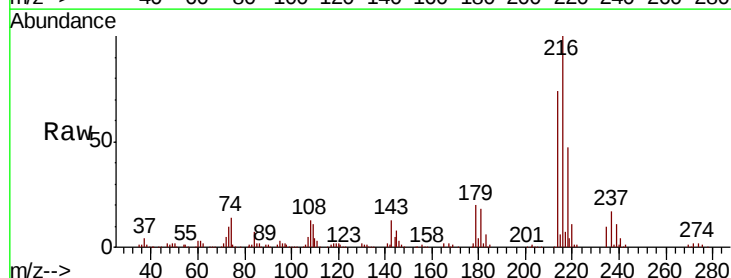
Ion Ratio Lower Upper

216 100

214 77.3 62.4 93.6

179 19.2 15.4 23.2

108 15.9 12.6 19.0



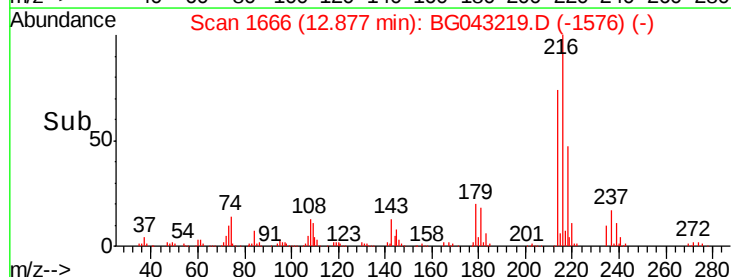
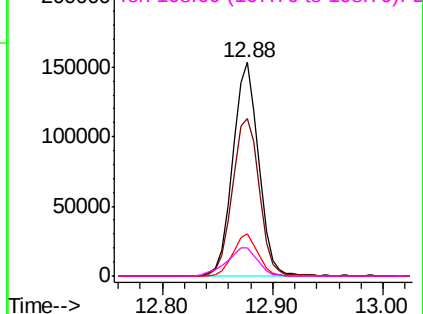
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.022 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

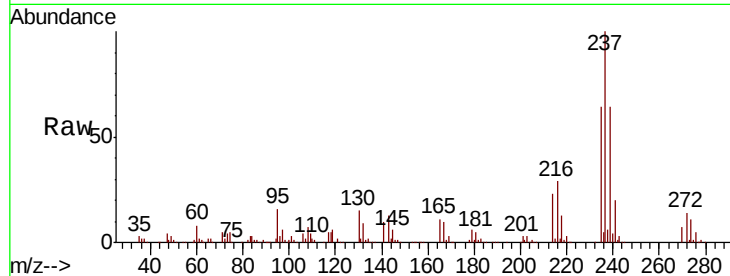
Tot Ion:237 Resp: 271843

Ion Ratio Lower Upper

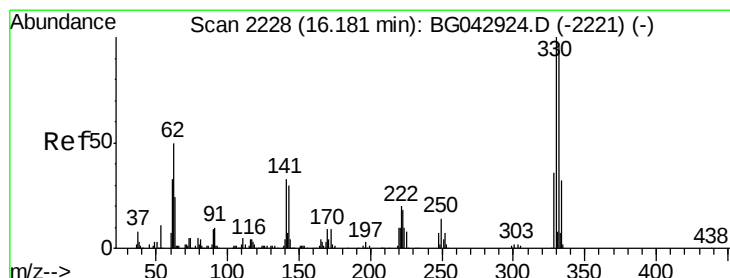
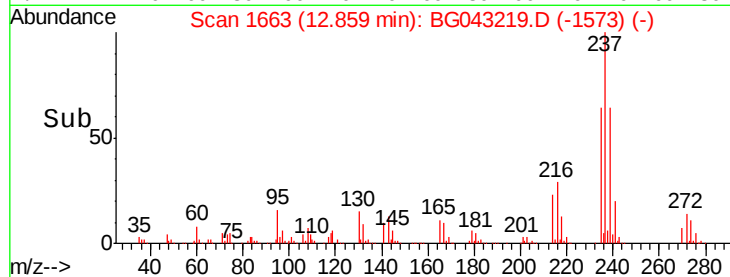
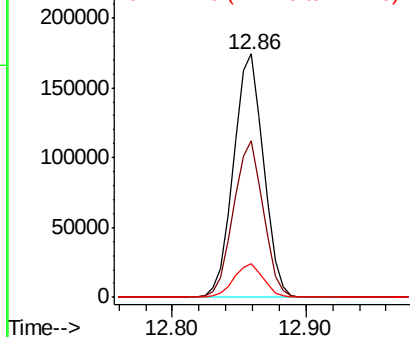
237 100

235 64.2 46.7 86.7

272 13.6 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: 93.291 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

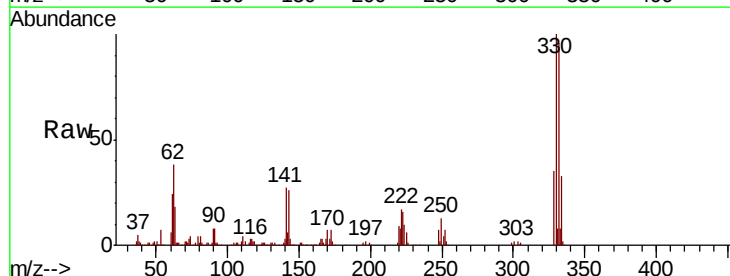
Tgt Ion:330 Resp: 230360

Ion Ratio Lower Upper

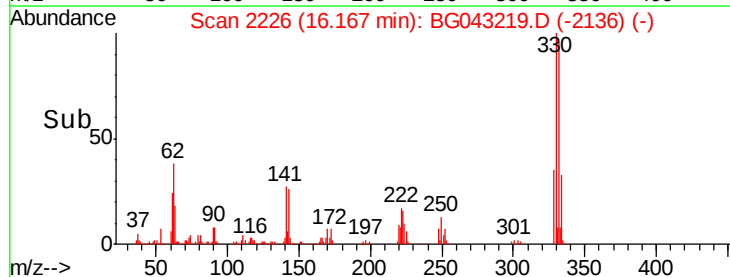
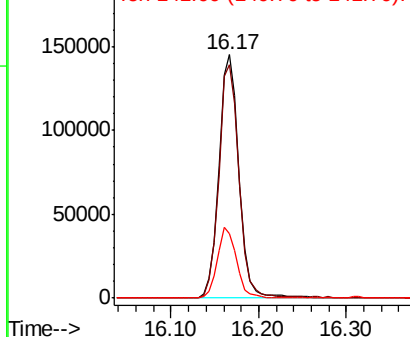
330 100

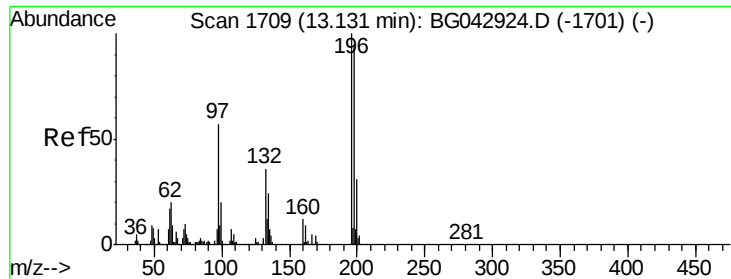
332 96.3 78.2 117.2

141 28.3 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

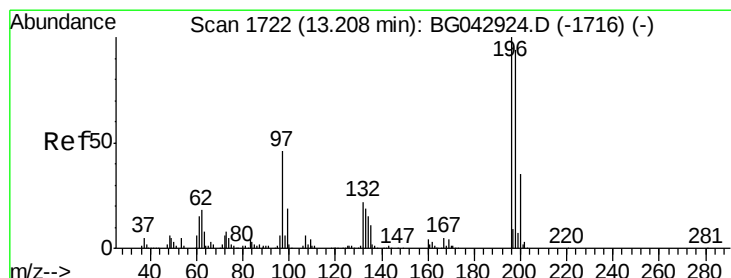
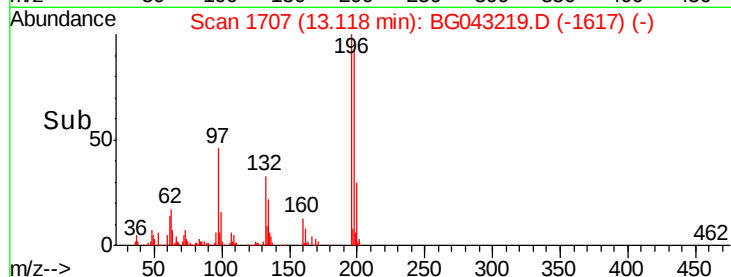
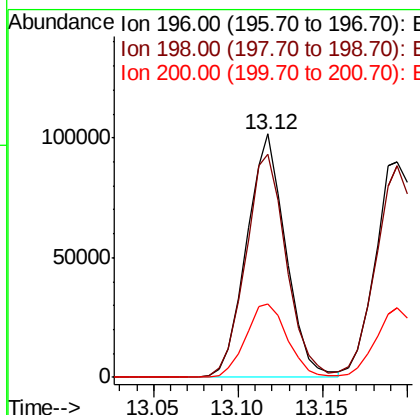
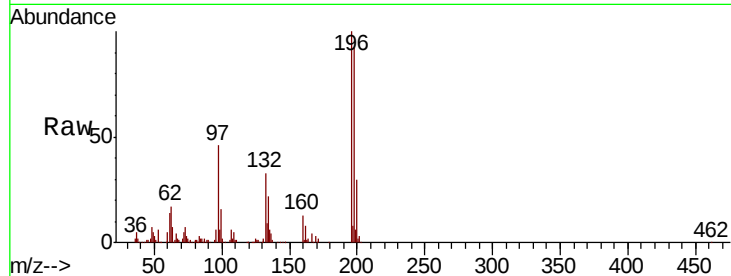




#43
 2,4,6-Trichlorophenol
 Concen: 51.596 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

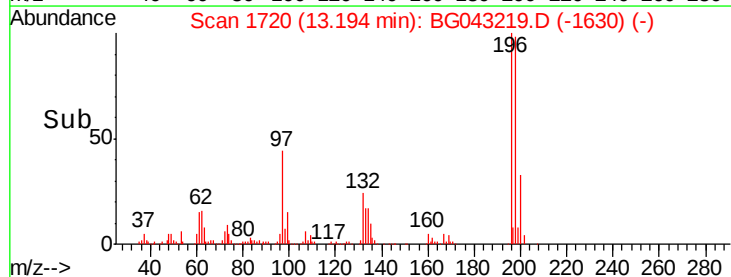
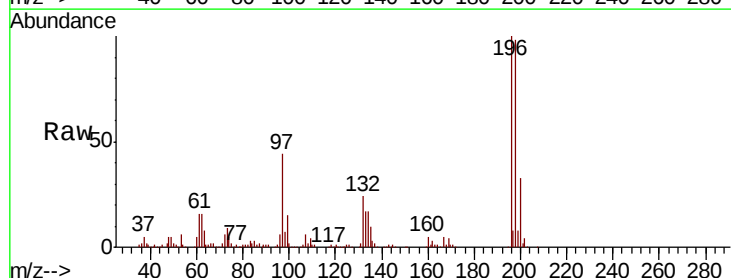
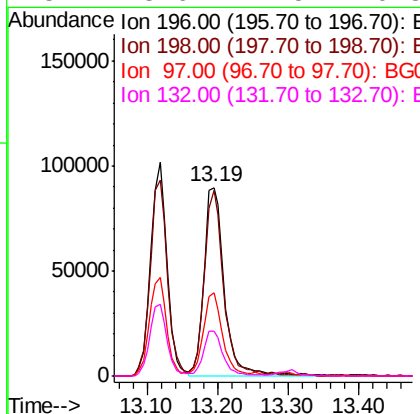
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.8	75.5	113.3
200	30.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 54.886 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.4	75.1	112.7
97	44.0	37.0	55.4
132	23.6	17.5	26.3

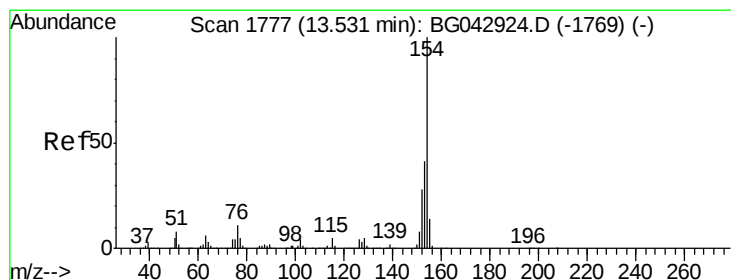
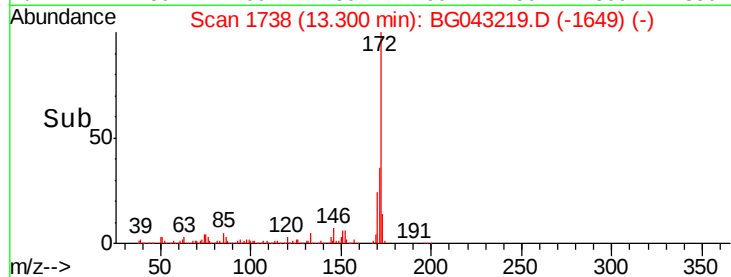
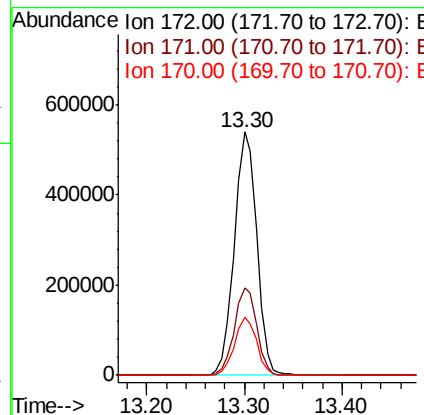
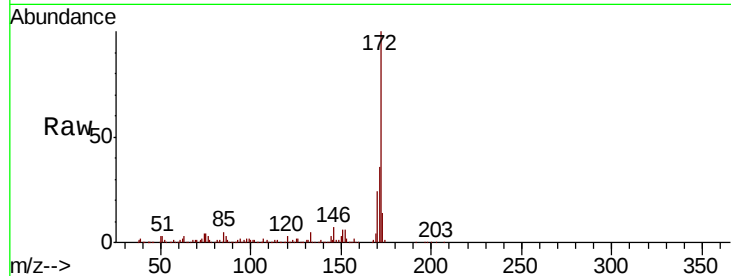




#45
 2-Fluorobiphenyl
 Concen: 87.226 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

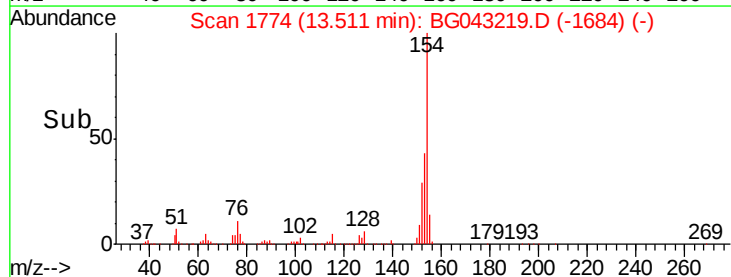
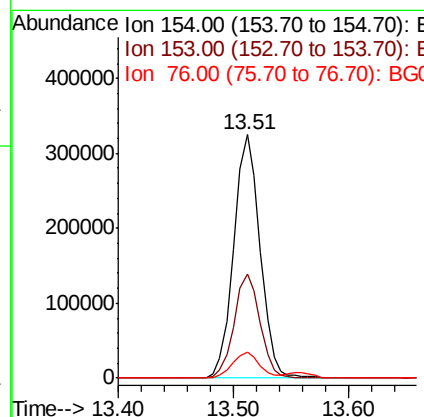
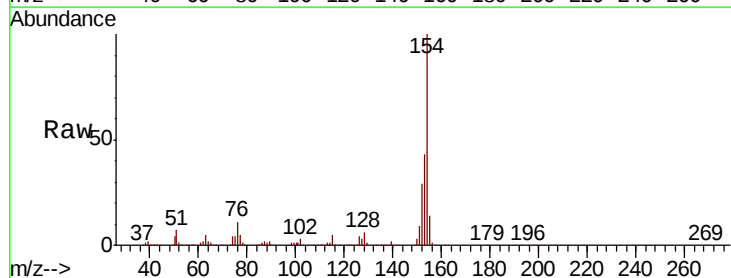
Instrument :
 BNA_G
 ClientSampleId :

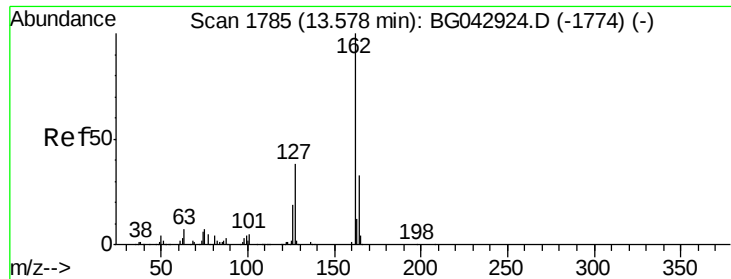
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 47.116 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.4	61.4
76	10.5	0.0	31.3

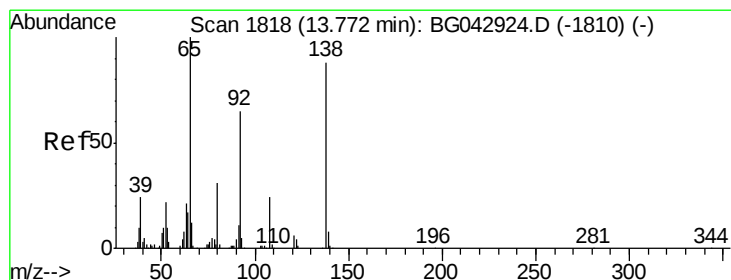
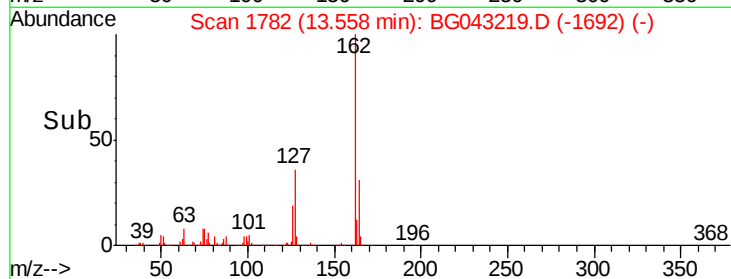
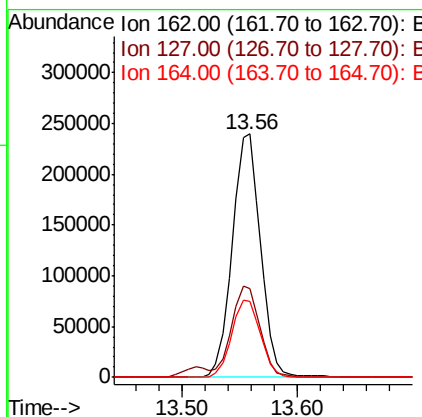
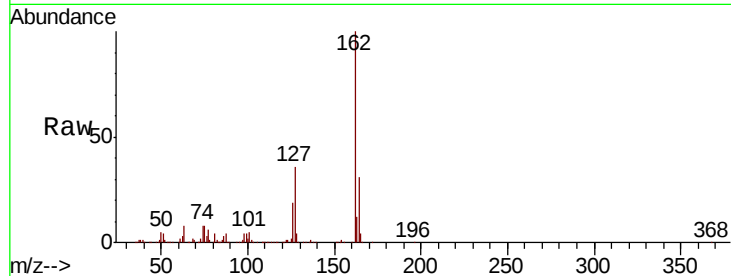




#47
 2-Chloronaphthalene
 Concen: 49.756 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

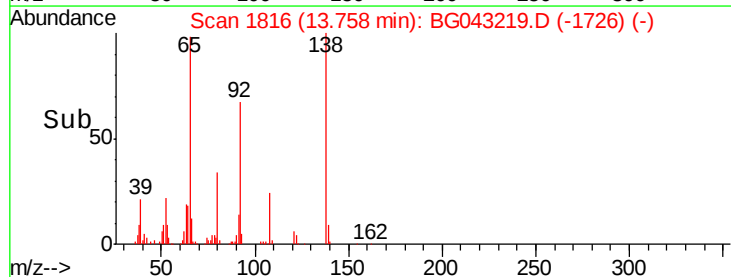
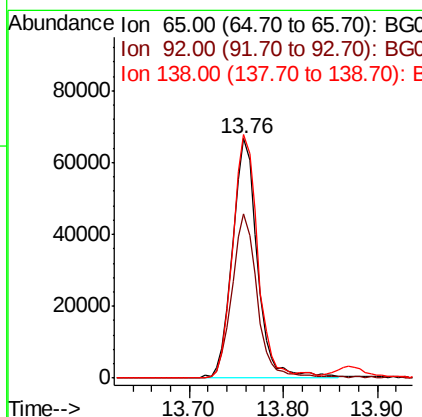
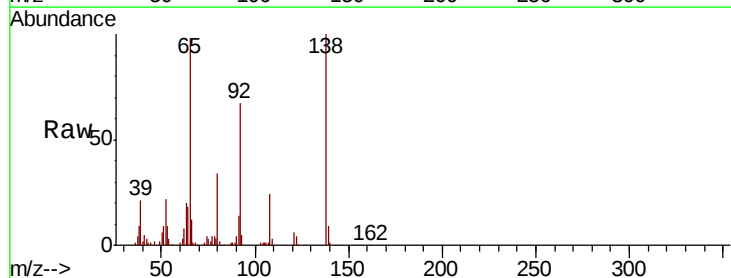
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	31.0	46.6
164	31.4	26.2	39.2



#48
 2-Nitroaniline
 Concen: 45.411 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.0	78.0
138	101.7	70.4	105.6





#49

Acenaphthylene

Concen: 51.702 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

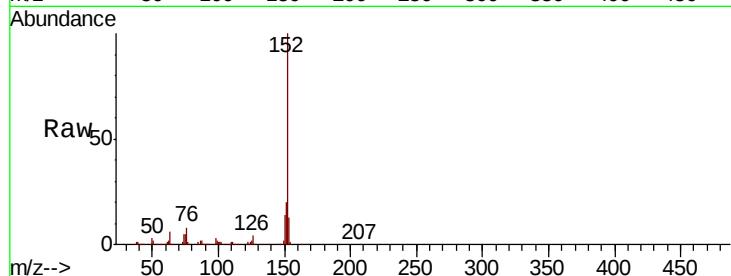
Tot Ion:152 Resp: 645906

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 13.2 11.3 16.9

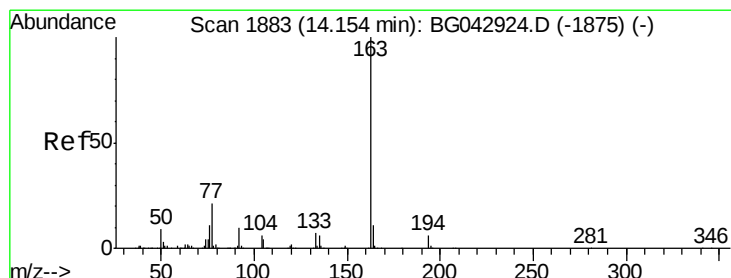
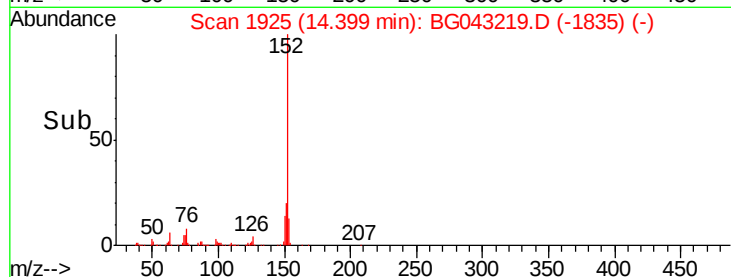
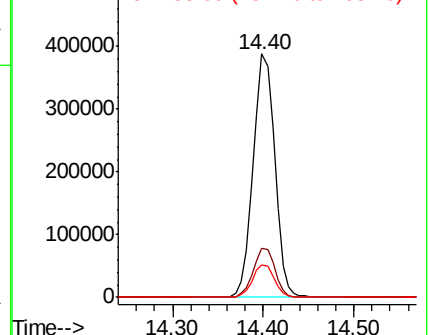


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.098 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

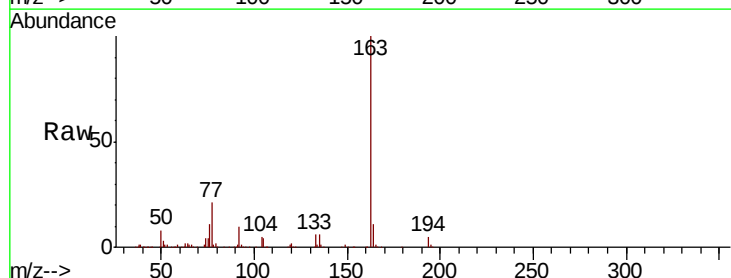
Tgt Ion:163 Resp: 603571

Ion Ratio Lower Upper

163 100

194 4.9 4.4 6.6

164 10.8 8.6 12.8

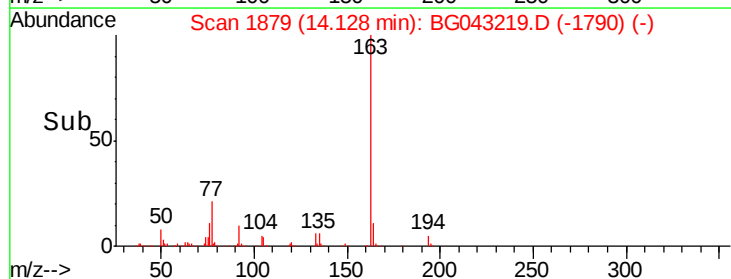
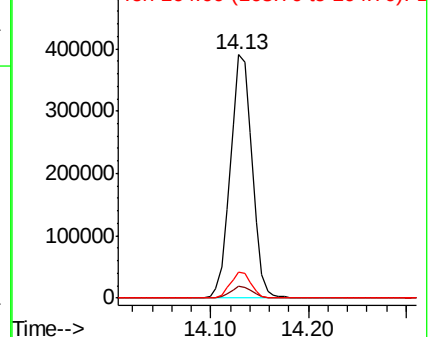


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

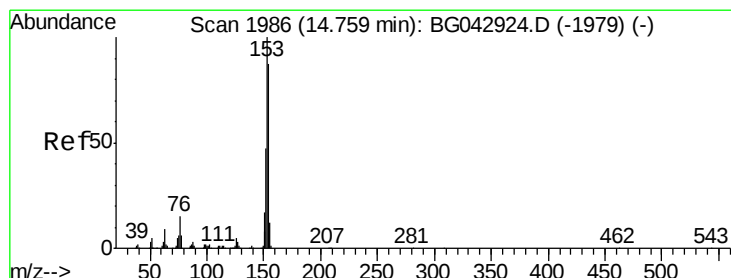
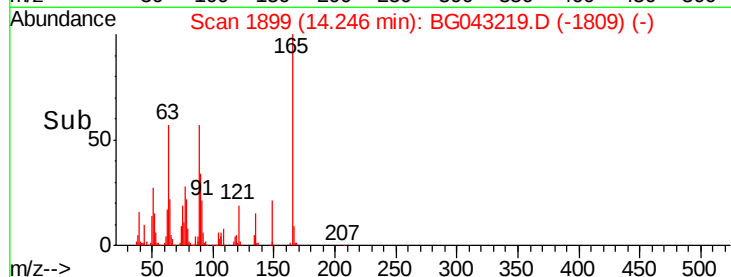
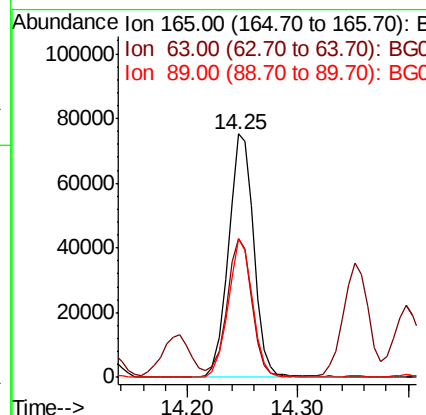
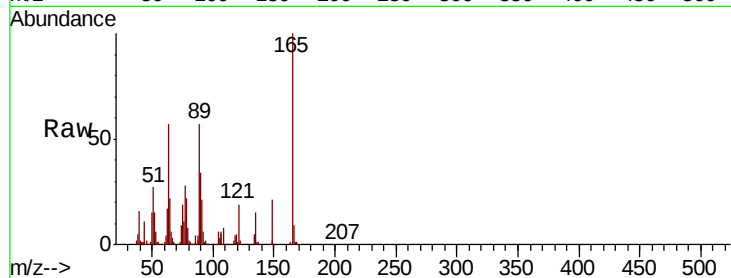




#51
 2,6-Dinitrotoluene
 Concen: 52.590 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

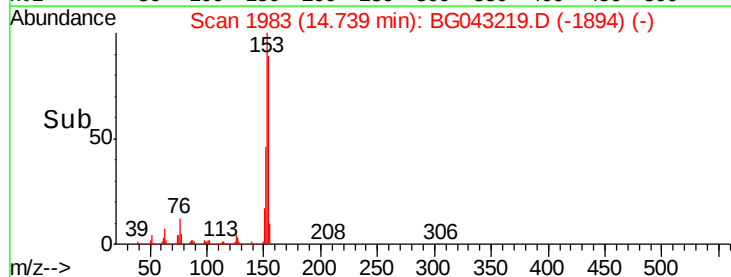
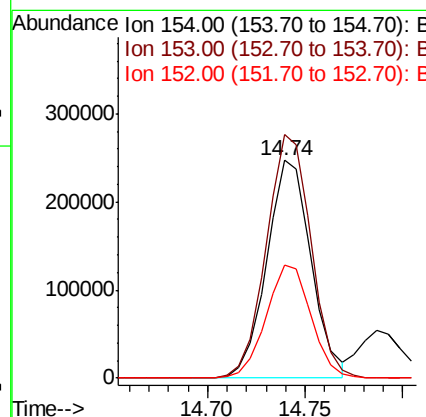
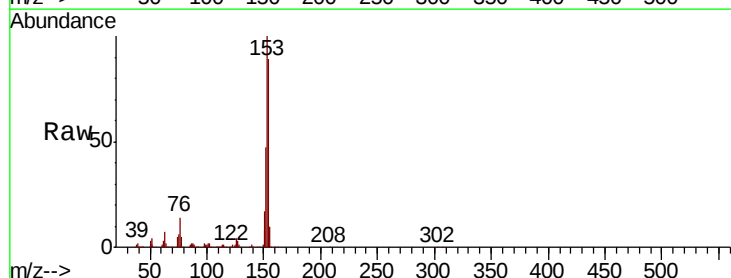
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	50.3	75.5
89	56.7	48.9	73.3



#52
 Acenaphthene
 Concen: 46.604 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.4	137.0
152	52.0	42.8	64.2





#53

3-Nitroaniline

Concen: 19.415 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

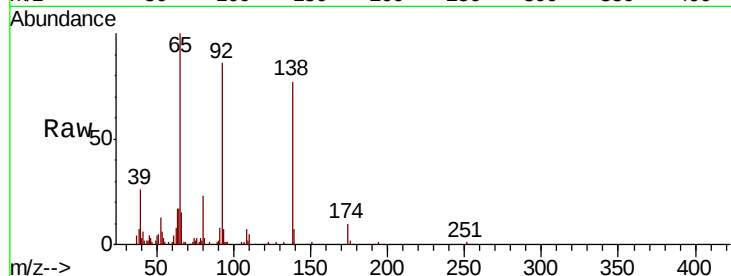
Tot Ion:138 Resp: 45972

Ion Ratio Lower Upper

138 100

108 9.5 7.9 11.9

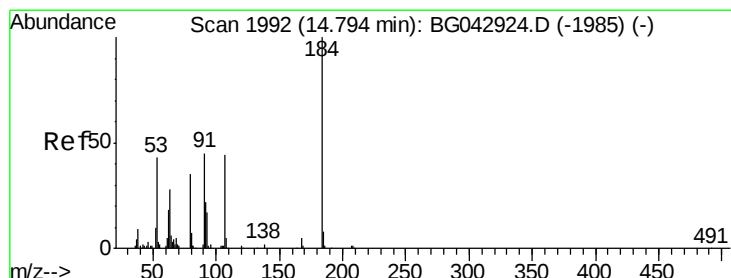
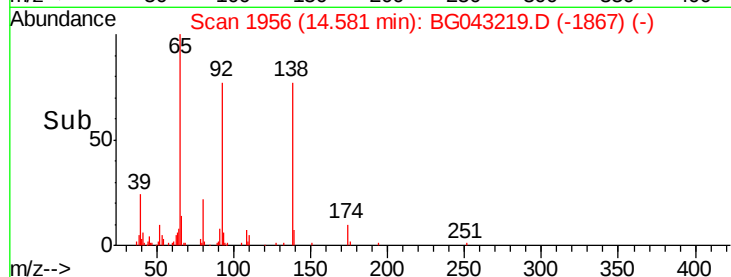
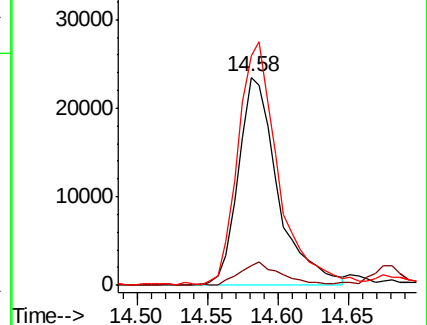
92 110.6 97.0 145.6



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: 98.534 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

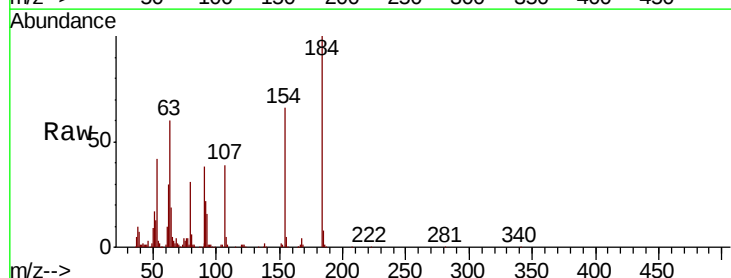
Tgt Ion:184 Resp: 140333

Ion Ratio Lower Upper

184 100

63 60.0 55.0 82.6

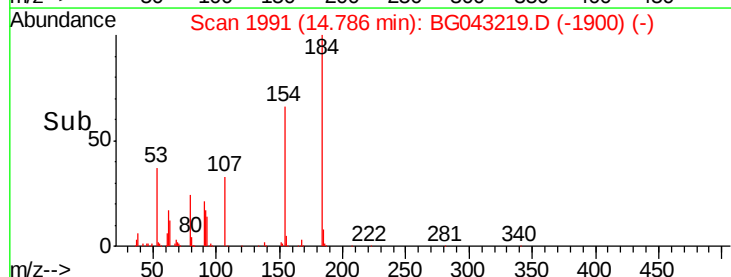
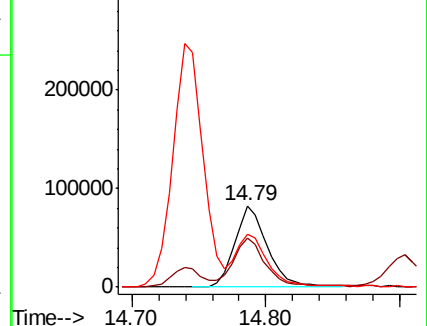
154 65.5 56.5 84.7

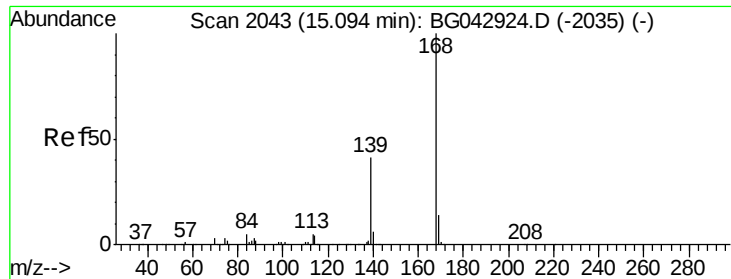


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

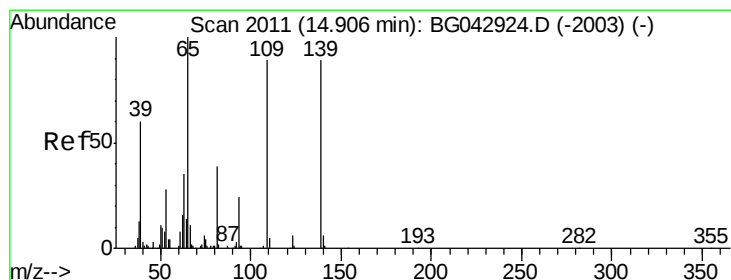
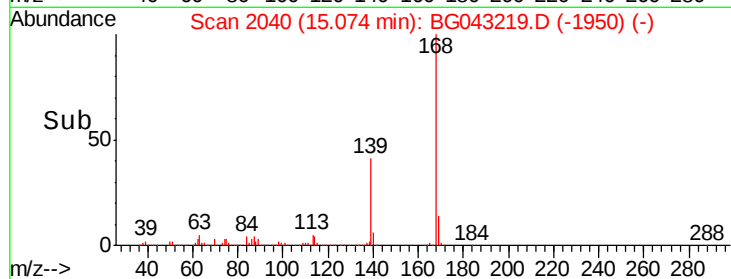
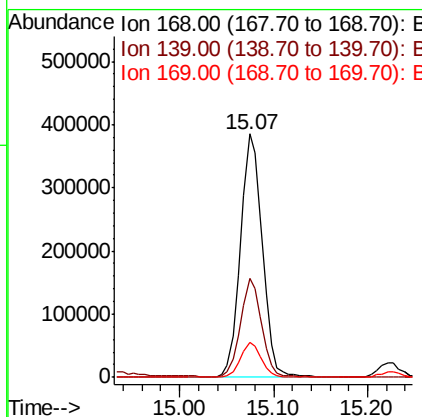
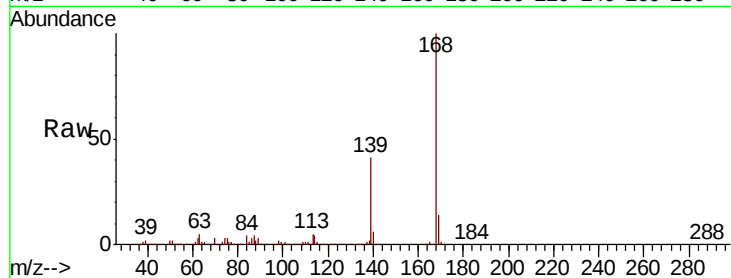




#55
Dibenzofuran
Concen: 50.258 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

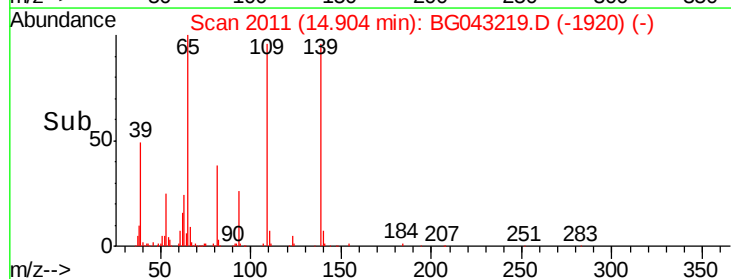
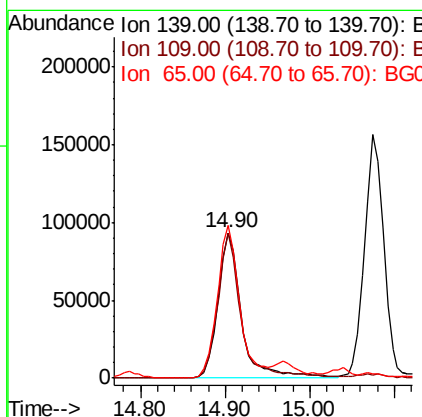
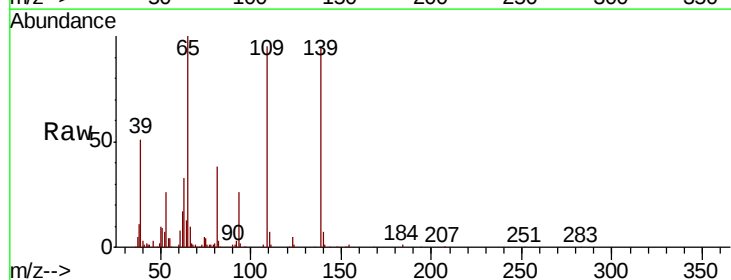
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.6	48.8
169	14.5	11.2	16.8



#56
4-Nitrophenol
Concen: 101.478 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.0	79.4	119.4
65	104.9	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 50.648 ng

RT: 15.04 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 169942

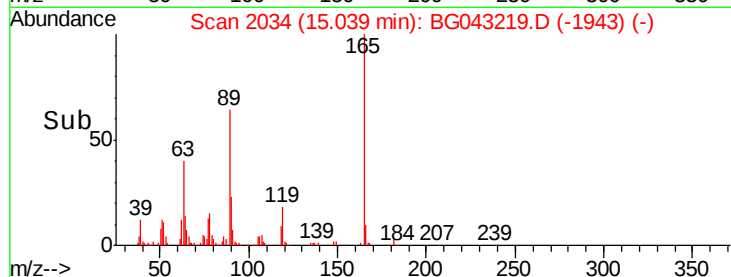
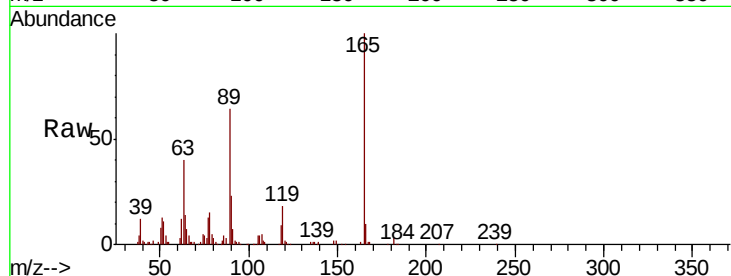
Ion Ratio Lower Upper

165 100

63 40.1 36.5 54.7

89 63.9 55.5 83.3

182 2.7 2.4 3.6

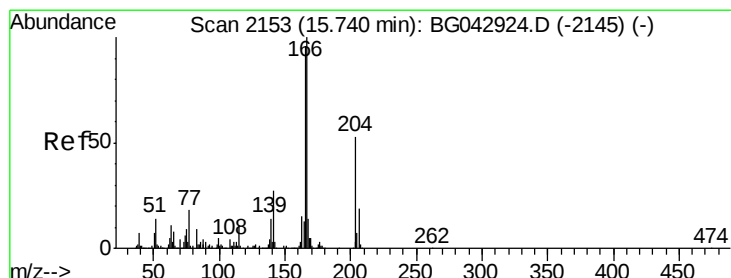
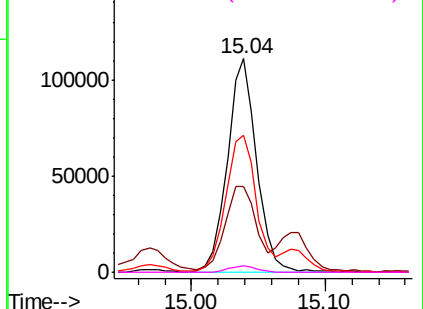


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.652 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

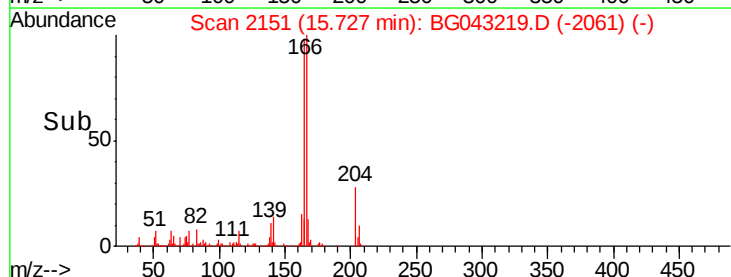
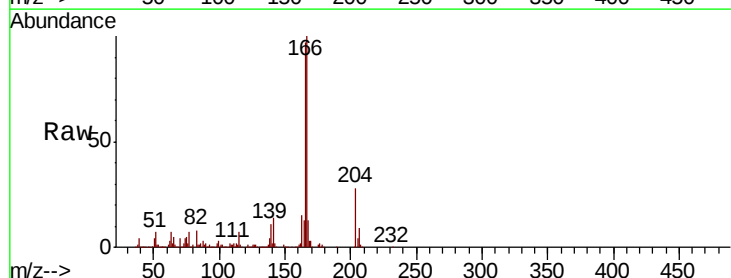
Tgt Ion:166 Resp: 534932

Ion Ratio Lower Upper

166 100

165 97.3 77.1 115.7

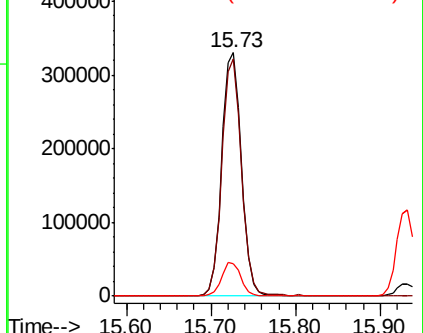
167 13.3 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

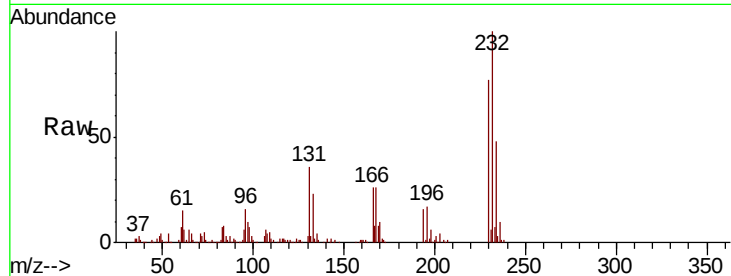




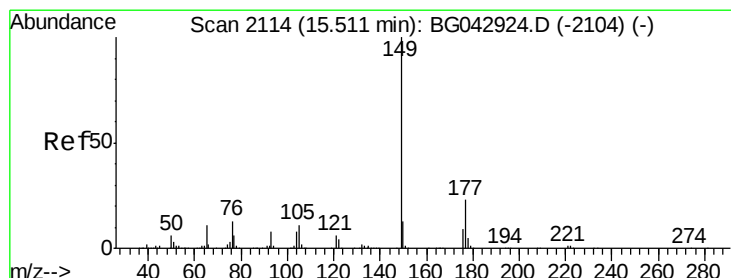
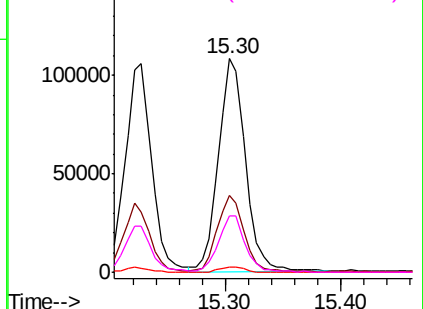
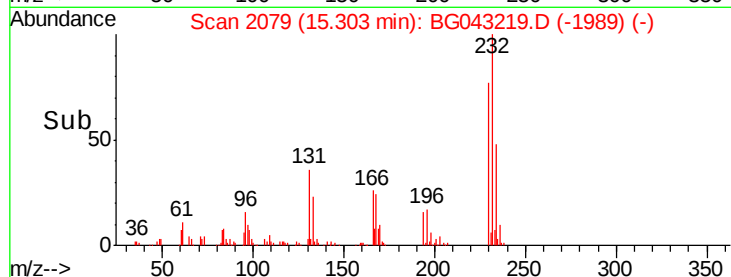
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.821 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	176157
Ion Ratio	Lower	Upper
232 100		
131 35.5	29.6	44.4
130 2.3	1.9	2.9
166 25.9	21.8	32.8

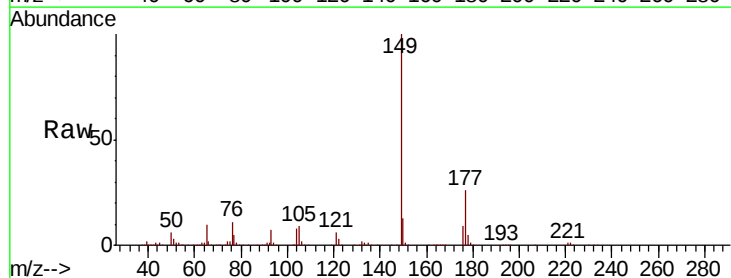


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

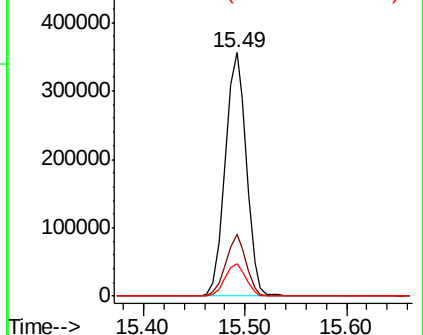
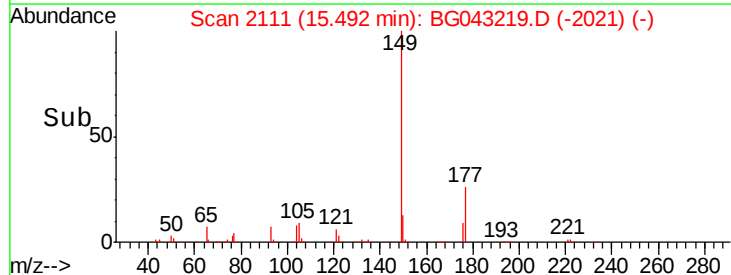


#60
 Diethylphthalate
 Concen: 46.899 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt	Ion:149	Resp:	513531
Ion	Ratio	Lower	Upper
149	100		
177	25.6	18.8	28.2
150	13.1	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: 48.069 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

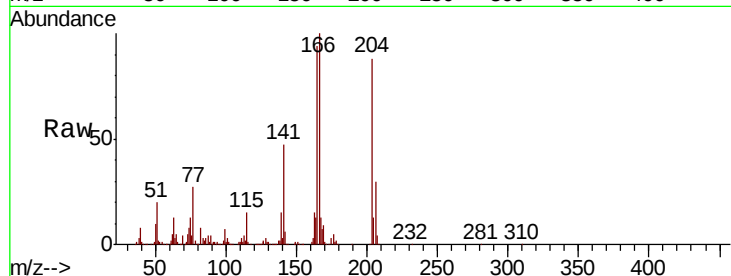
Tot Ion:204 Resp: 304457

Ion Ratio Lower Upper

204 100

206 34.5 28.5 42.7

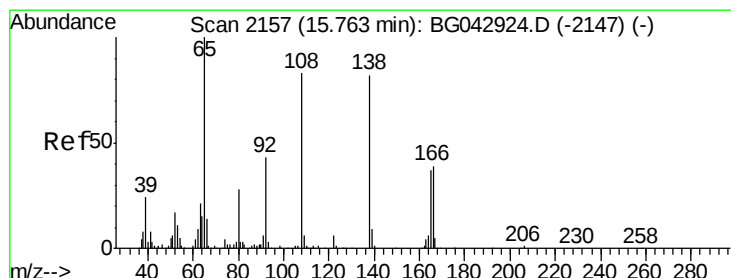
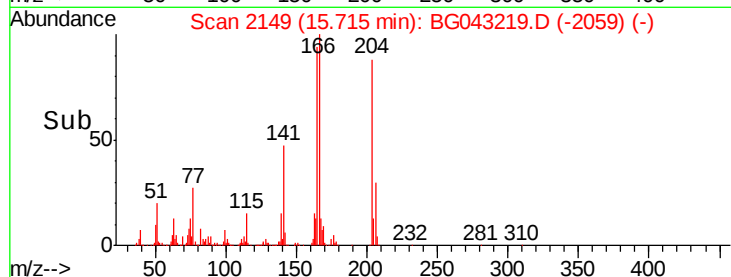
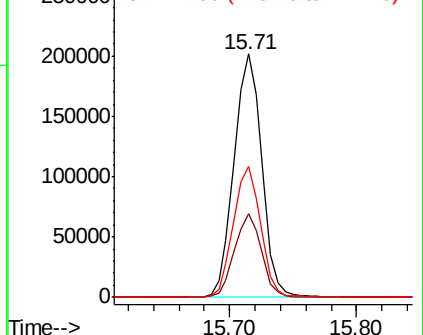
141 53.8 42.4 63.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 44.223 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

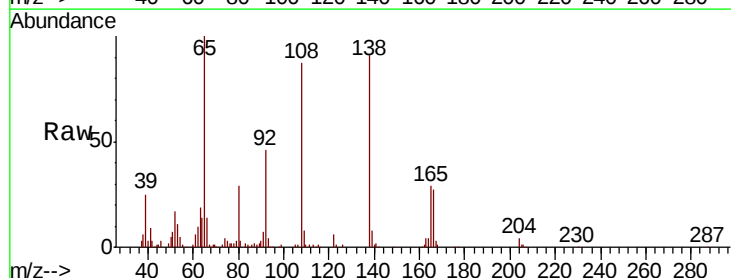
Tgt Ion:138 Resp: 114206

Ion Ratio Lower Upper

138 100

92 50.7 32.9 72.9

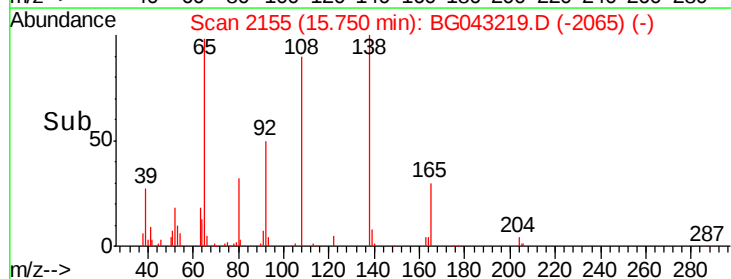
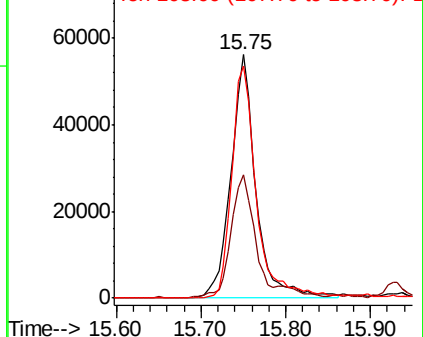
108 95.6 81.3 121.3

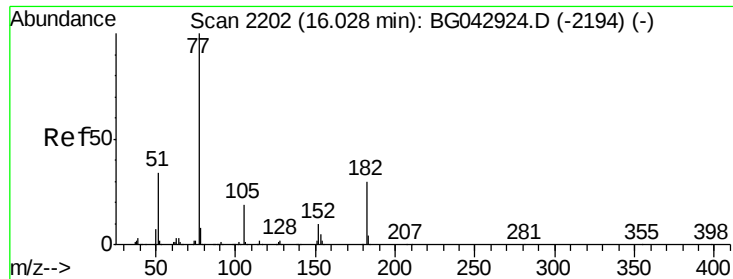


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 45.798 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 456555

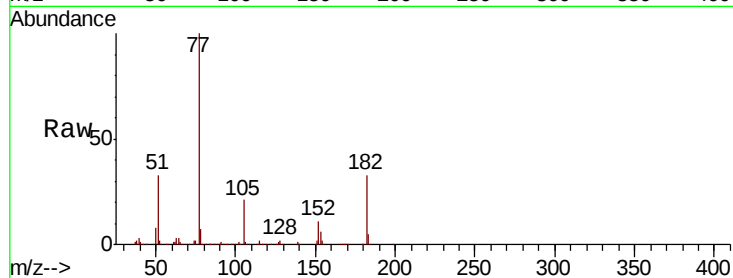
Ion Ratio Lower Upper

77 100

182 32.7 10.2 50.2

105 20.8 0.0 39.1

51 33.1 13.9 53.9



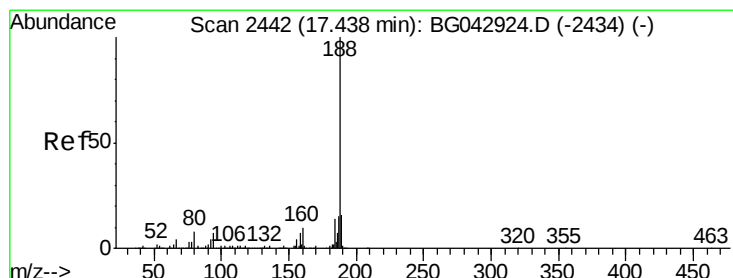
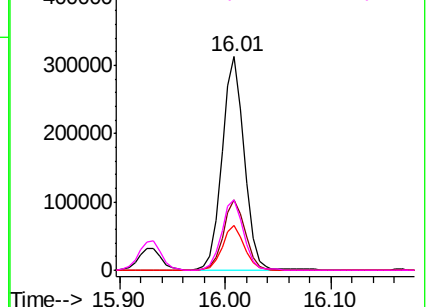
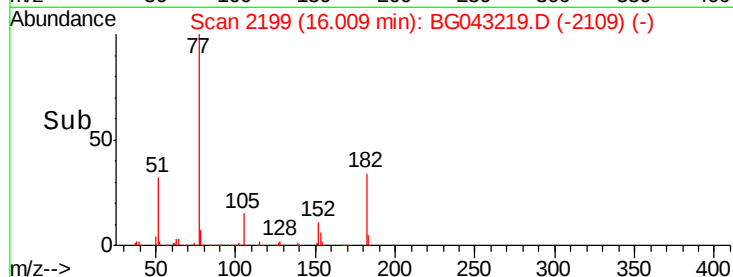
Abundance

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# 2440

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

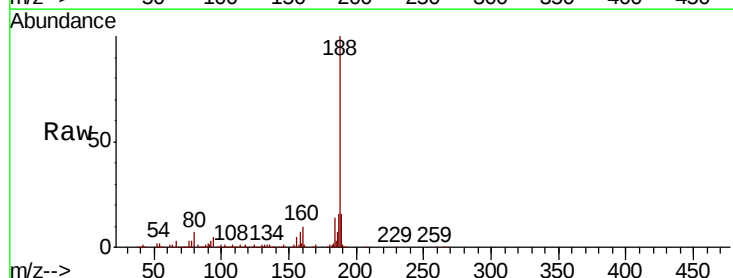
Tgt Ion: 188 Resp: 330121

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

80 7.0 6.5 9.7

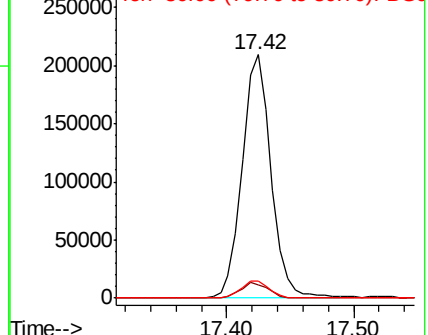
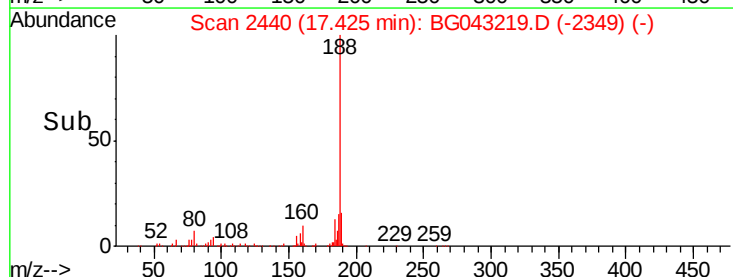


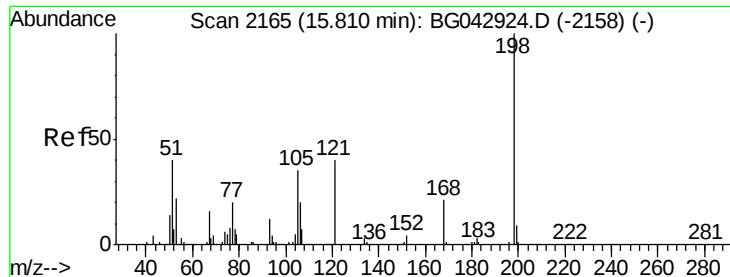
Abundance

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

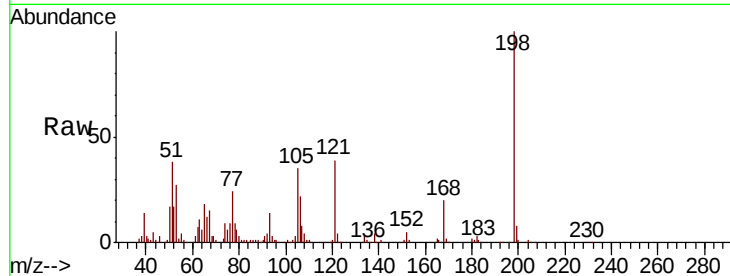




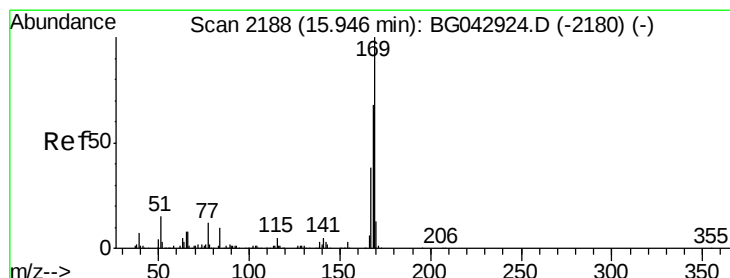
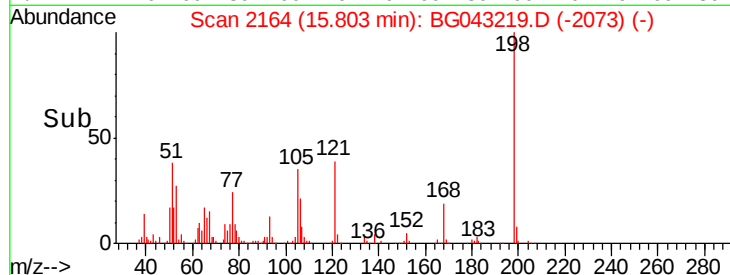
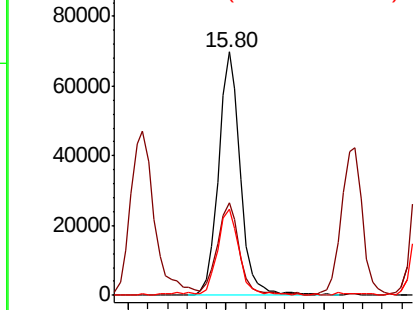
#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.694 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.8	25.3	65.3
105	35.4	16.6	56.6

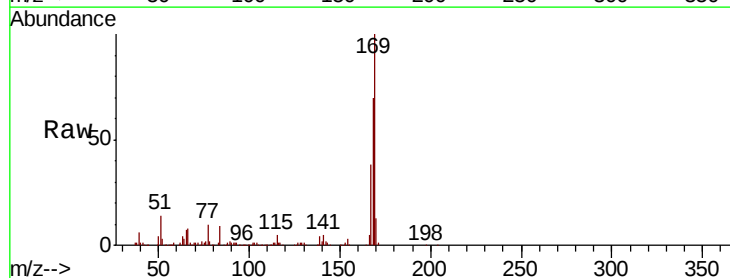


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

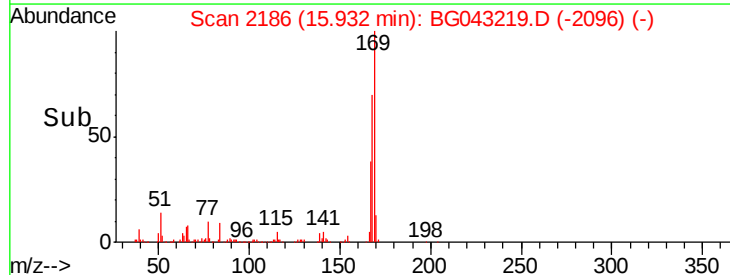
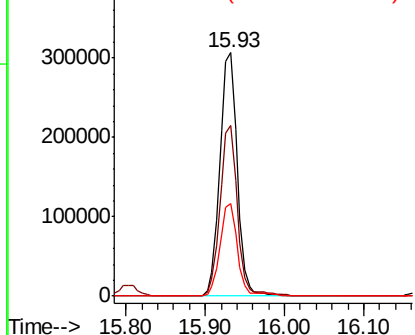


#66
 n-Nitrosodiphenylamine
 Concen: 53.642 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	54.8	82.2
167	38.1	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

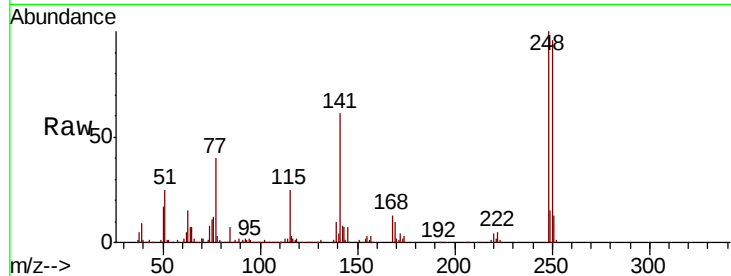




#67
4-Bromophenyl-phenylether
Concen: 51.658 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	75.8	113.8
141	61.5	51.1	76.7

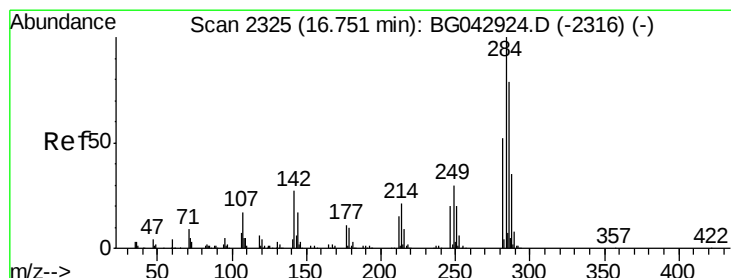
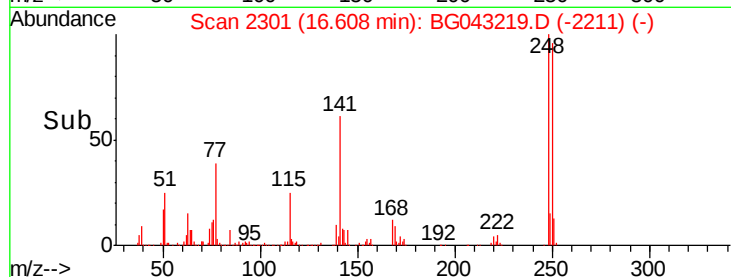
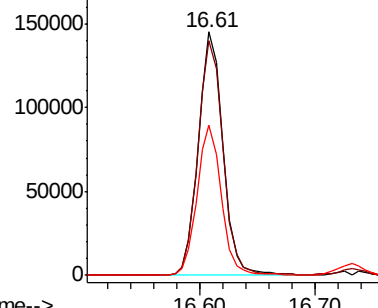


Abundance

Ion 248.00 (247.70 to 248.70): E

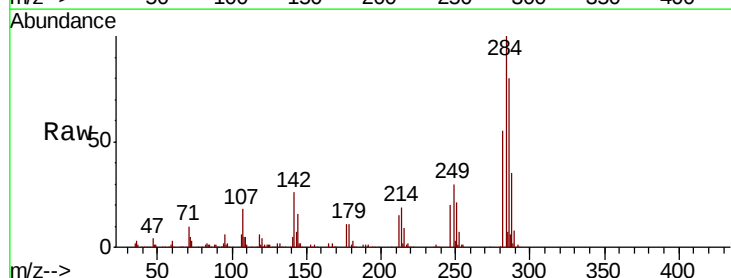
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 51.009 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.6	32.4
249	30.4	24.1	36.1

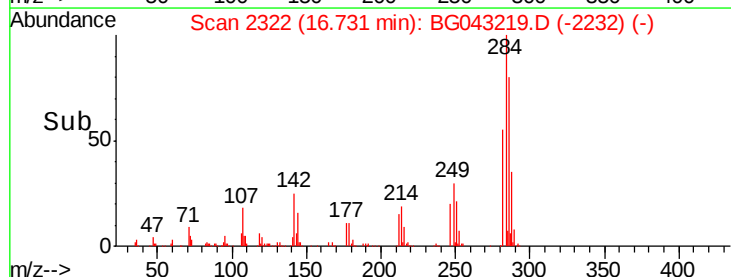
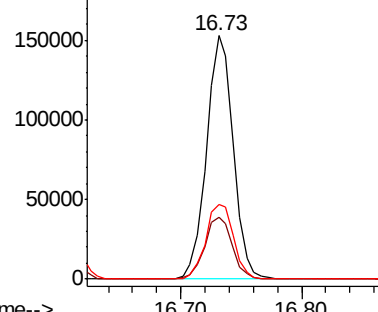


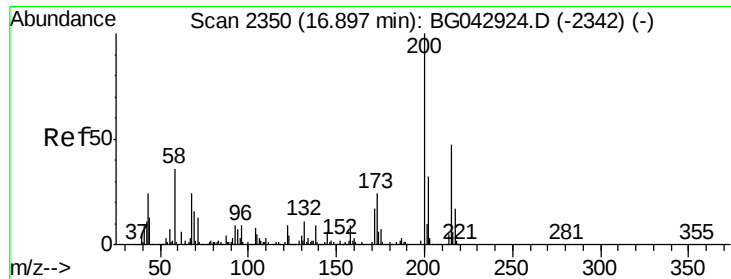
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

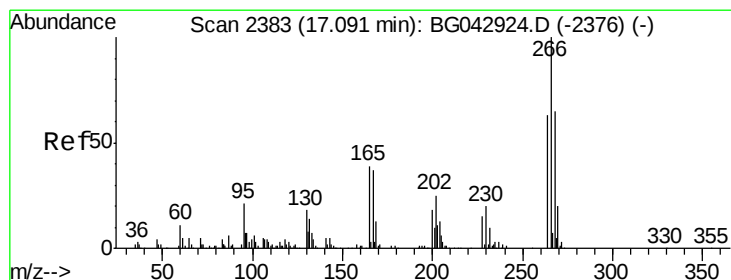
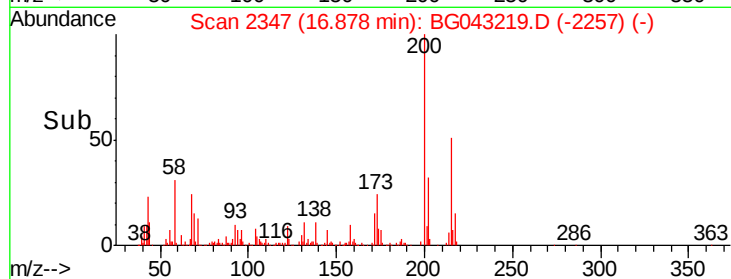
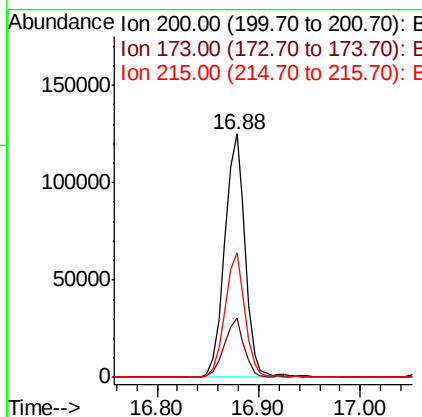
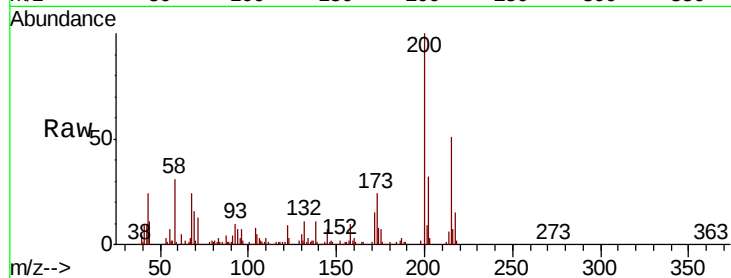




#69
Atrazine
Concen: 47.843 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

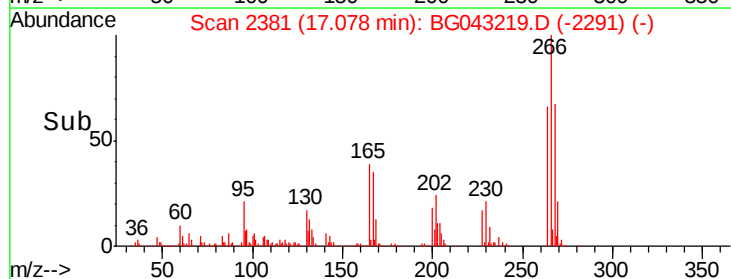
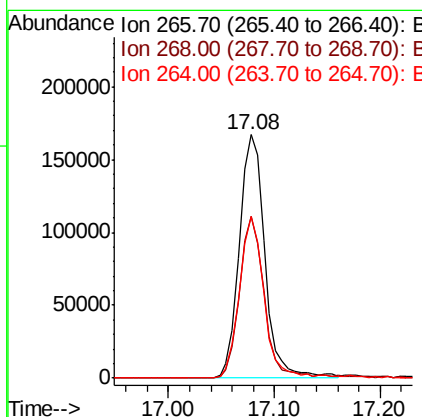
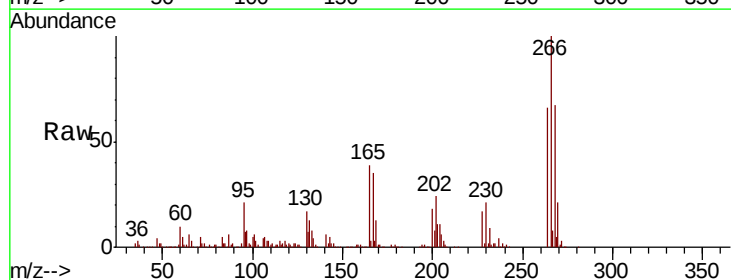
Instrument :
BNA_G
ClientSampleId :

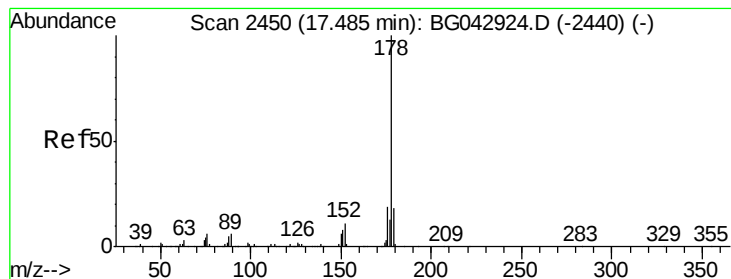
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.0	44.0
215	51.4	27.4	67.4



#70
Pentachlorophenol
Concen: 104.703 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	52.2	78.2
264	66.4	50.7	76.1





#71

Phenanthrene

Concen: 51.576 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

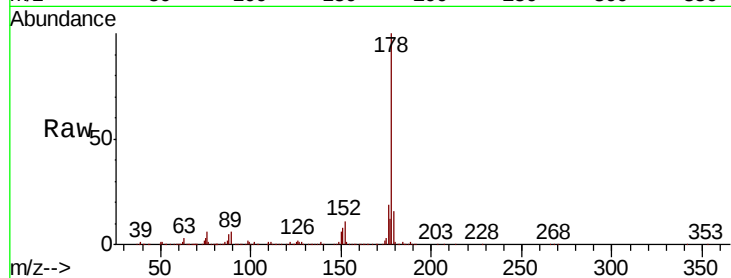
Tot Ion:178 Resp: 831234

Ion Ratio Lower Upper

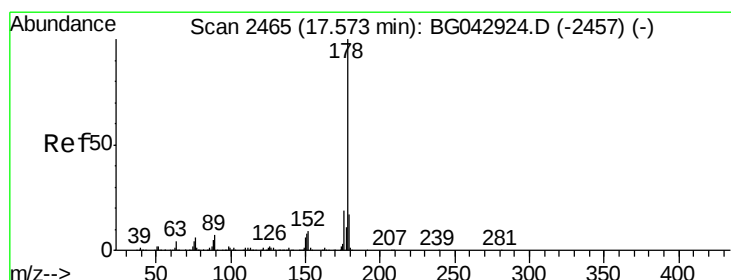
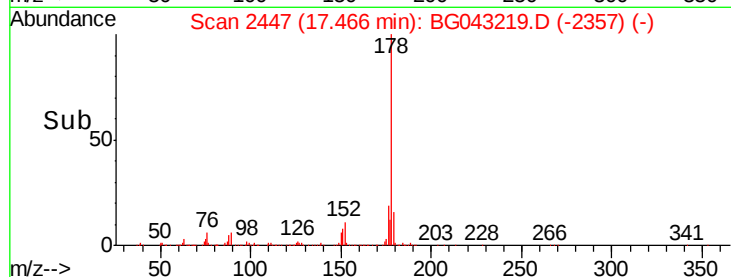
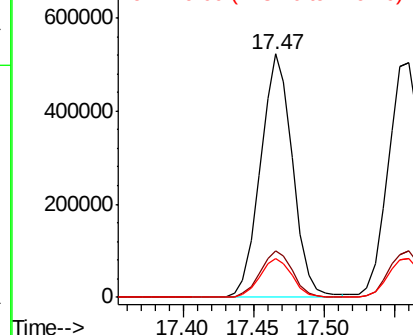
178 100

176 19.2 15.1 22.7

179 16.1 14.1 21.1



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



#72

Anthracene

Concen: 52.928 ng

RT: 17.56 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

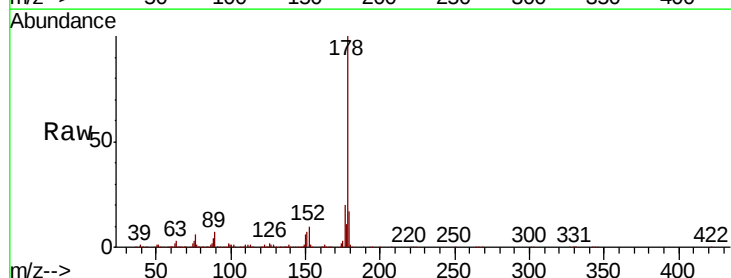
Tgt Ion:178 Resp: 851588

Ion Ratio Lower Upper

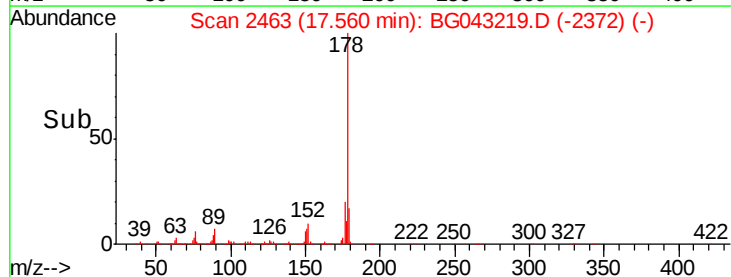
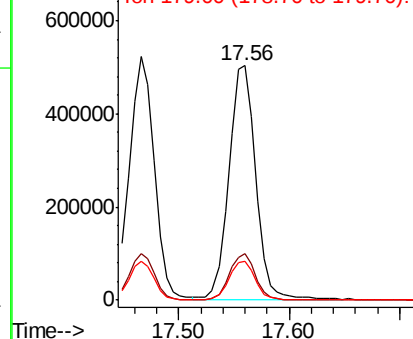
178 100

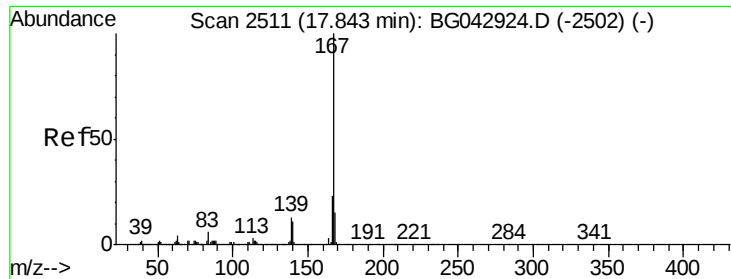
176 20.0 15.5 23.3

179 16.6 13.5 20.3



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

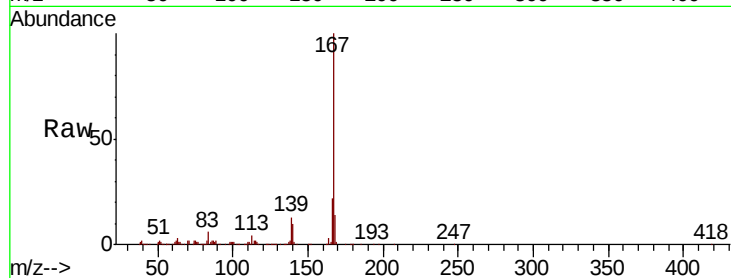




#73
 Carbazole
 Concen: 51.625 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.6	28.0
139	12.5	10.8	16.2

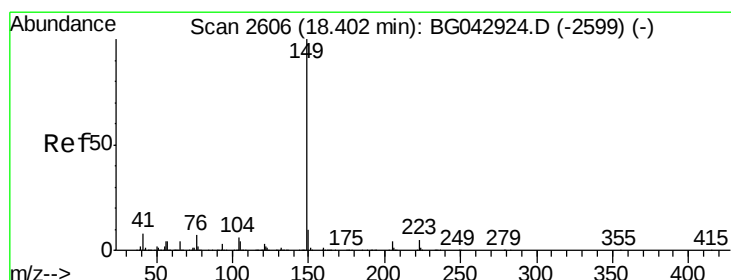
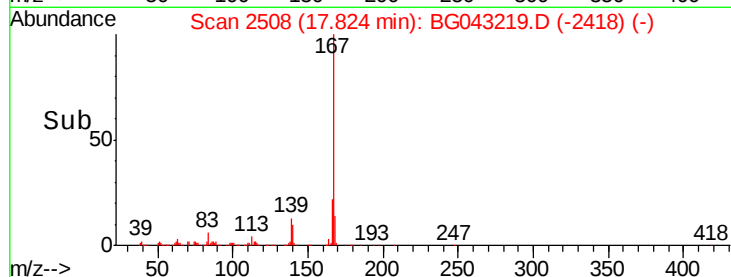
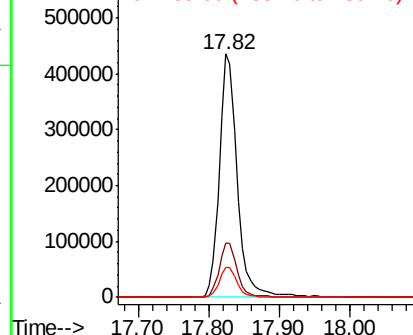


Abundance

Ion 167.00 (166.70 to 167.70): E

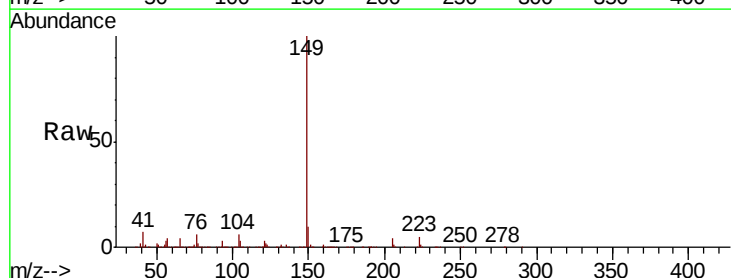
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 50.143 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG043219.D
 Acq: 15 Oct 2019 15:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.8	5.0	7.6

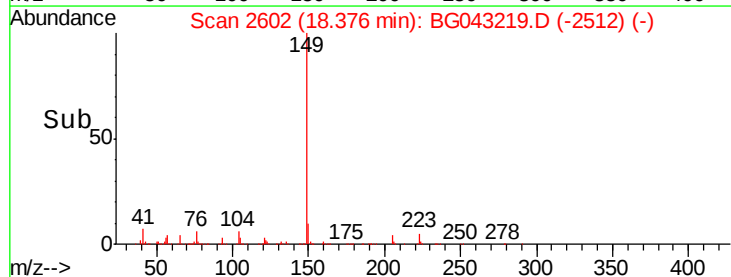
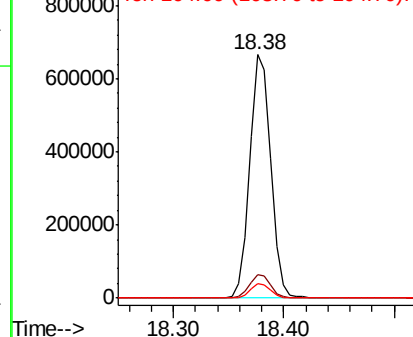


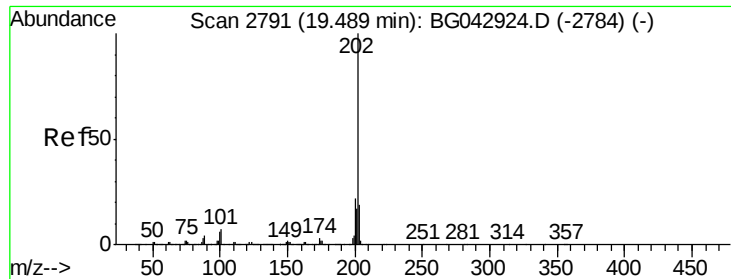
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.594 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

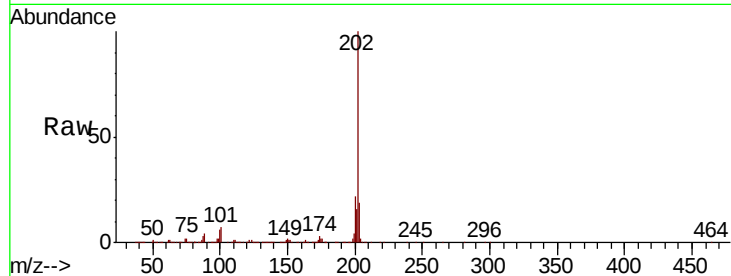
Tot Ion:202 Resp: 1078519

Ion Ratio Lower Upper

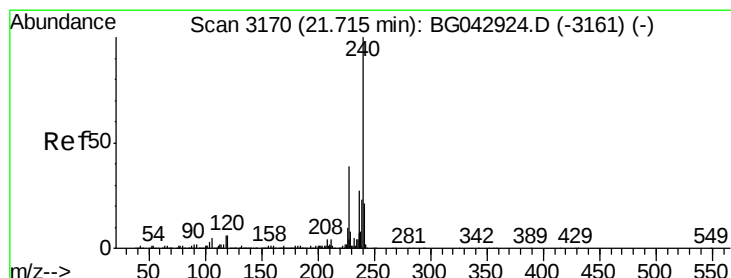
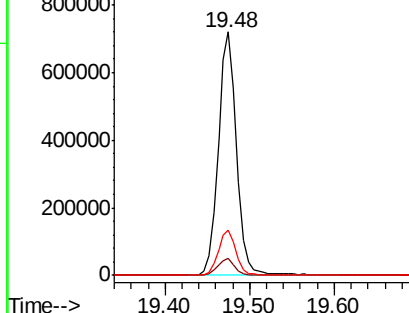
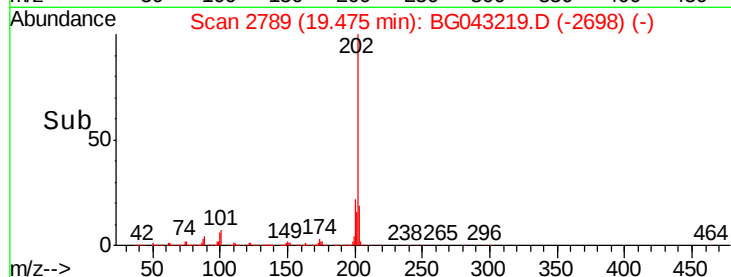
202 100

101 6.9 0.0 27.3

203 18.8 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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

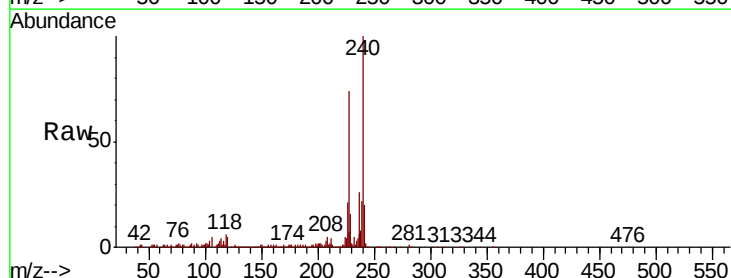
Tgt Ion:240 Resp: 363708

Ion Ratio Lower Upper

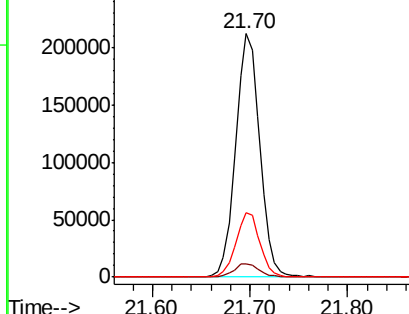
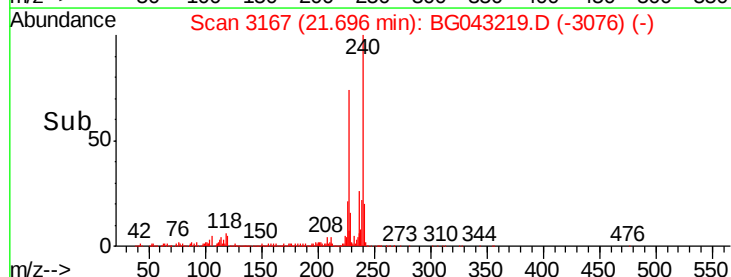
240 100

120 5.2 4.8 7.2

236 26.4 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





#77

Benzidine

Concen: 37.382 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampled :

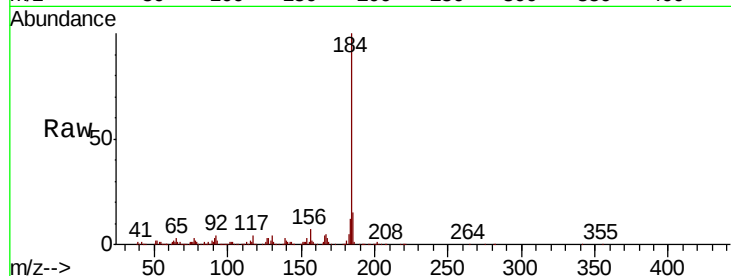
Tot Ion:184 Resp: 340431

Ion Ratio Lower Upper

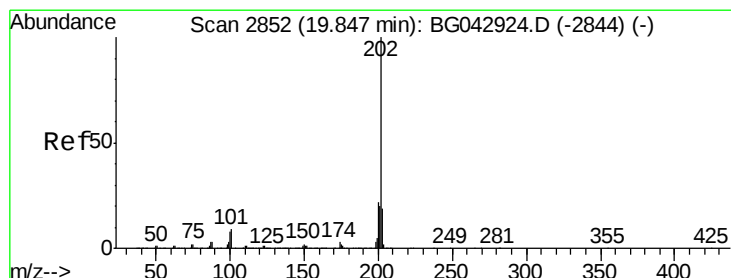
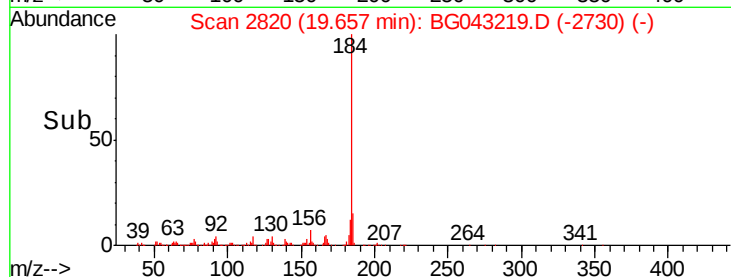
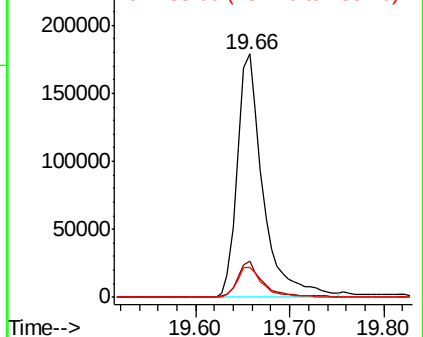
184 100

185 14.8 11.8 17.8

183 12.1 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: 50.078 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

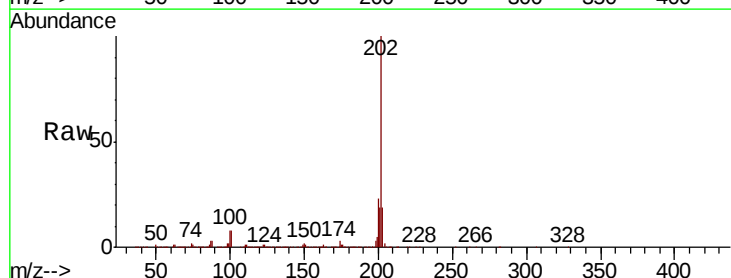
Tgt Ion:202 Resp: 1087104

Ion Ratio Lower Upper

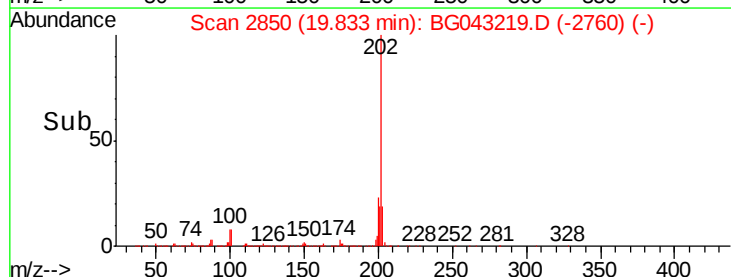
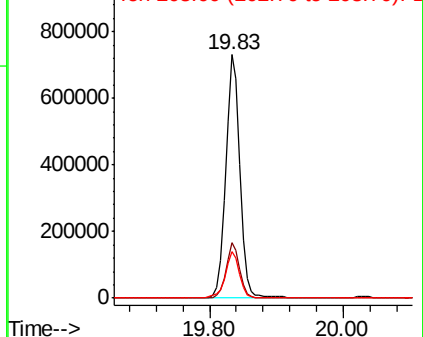
202 100

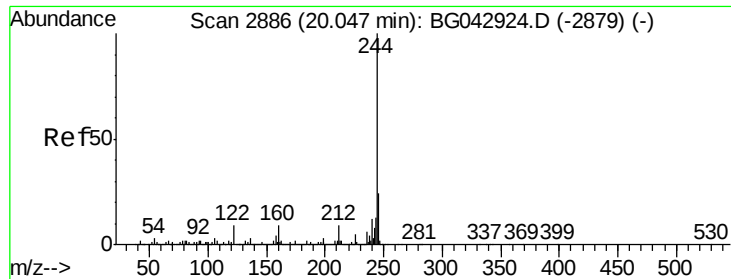
200 22.7 17.6 26.4

203 19.1 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: 87.980 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampled :

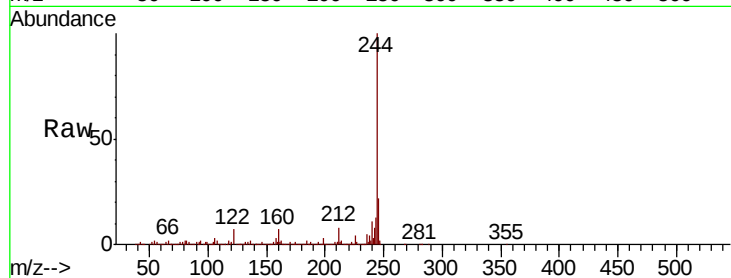
Tot Ion:244 Resp: 1501689

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.0

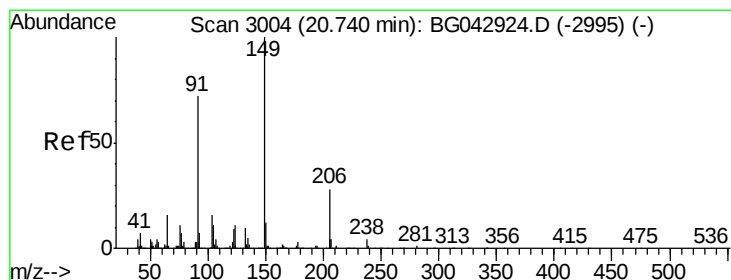
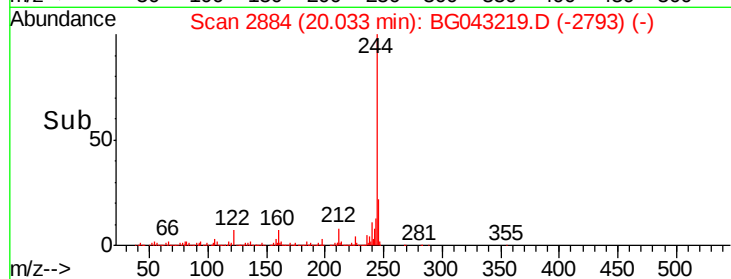
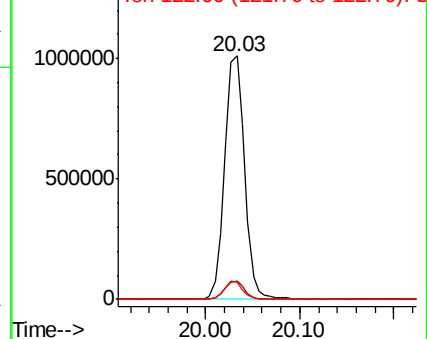
122 6.8 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.077 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

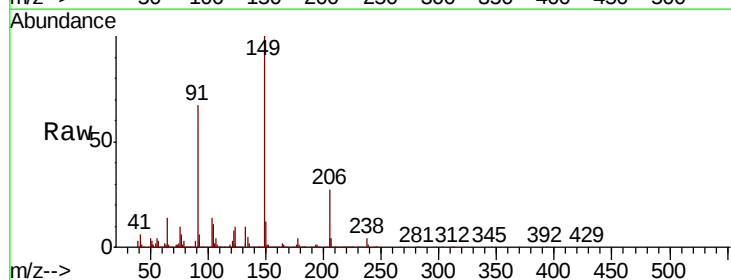
Tgt Ion:149 Resp: 412632

Ion Ratio Lower Upper

149 100

91 67.4 57.7 86.5

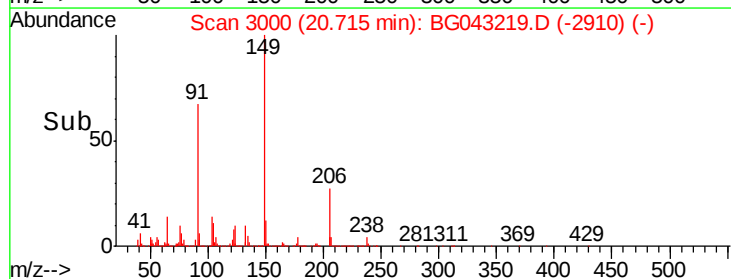
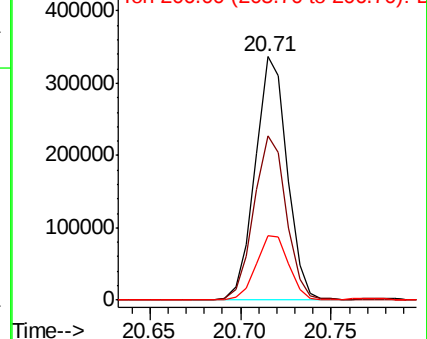
206 26.7 22.6 33.8

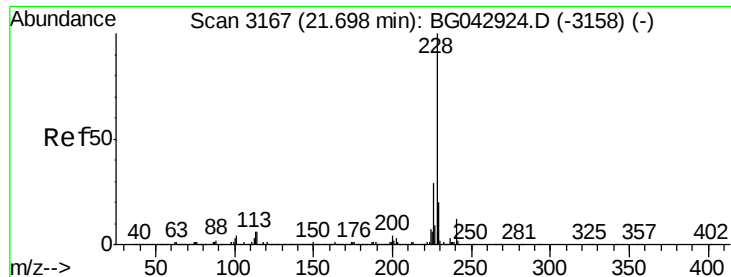


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

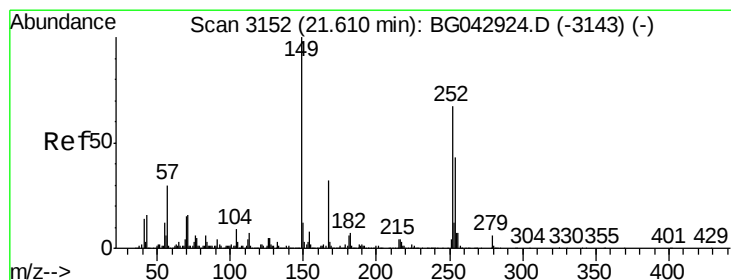
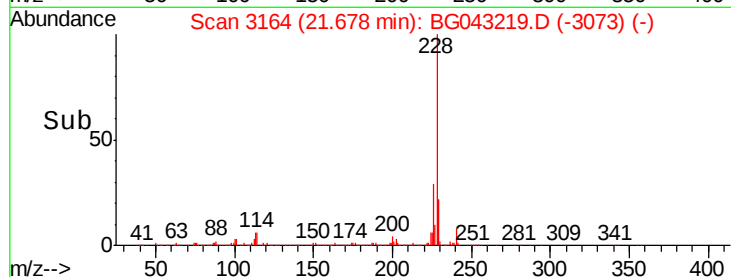
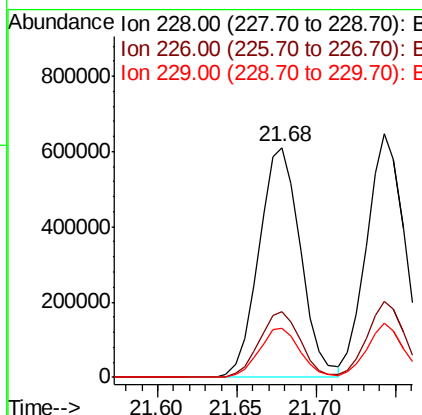
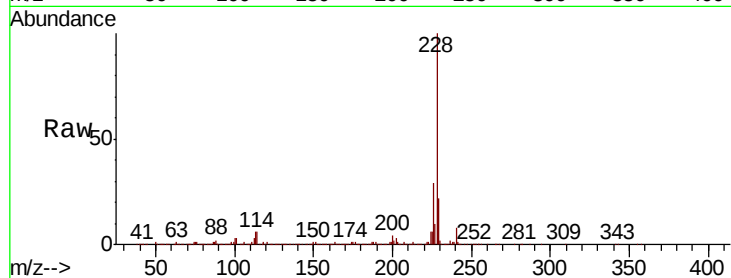




#81
Benzo(a)anthracene
Concen: 49.132 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

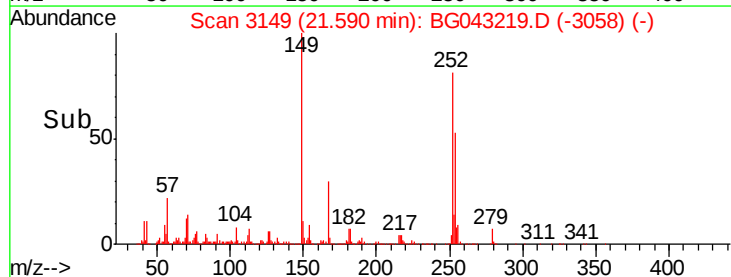
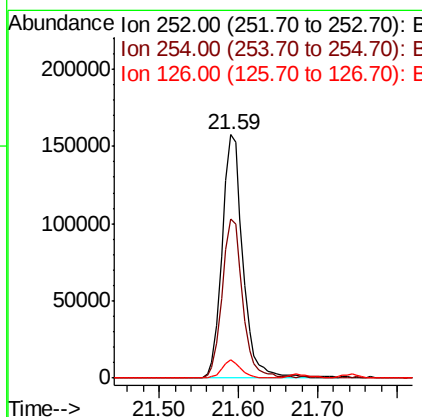
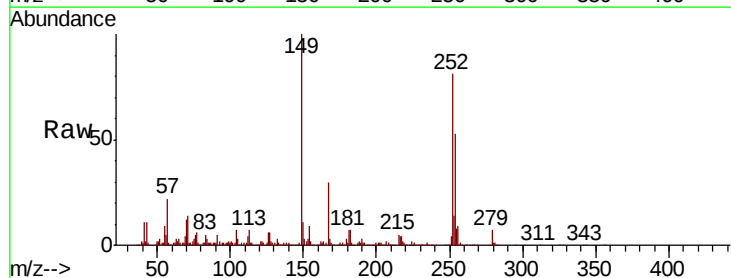
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1113452
Ion Ratio Lower Upper
228 100
226 28.5 23.0 34.4
229 21.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 32.269 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion:252 Resp: 286824
Ion Ratio Lower Upper
252 100
254 65.5 51.9 77.9
126 7.4 6.1 9.1



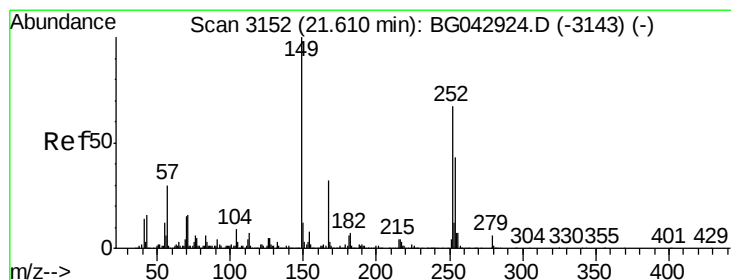
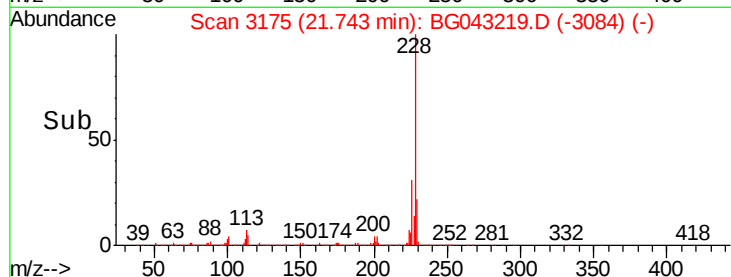
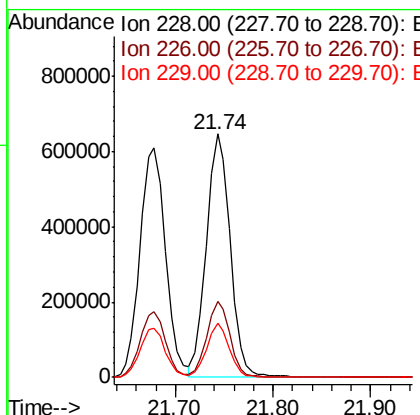
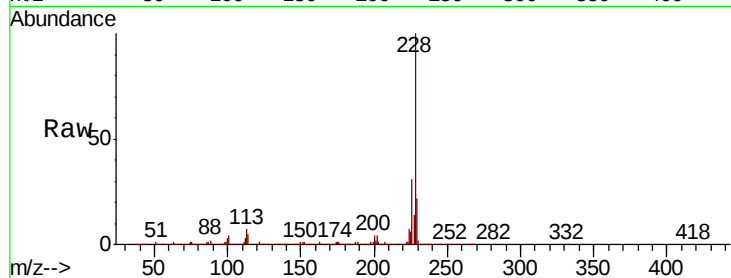


#83
Chrysene
Concen: 49.626 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1091382

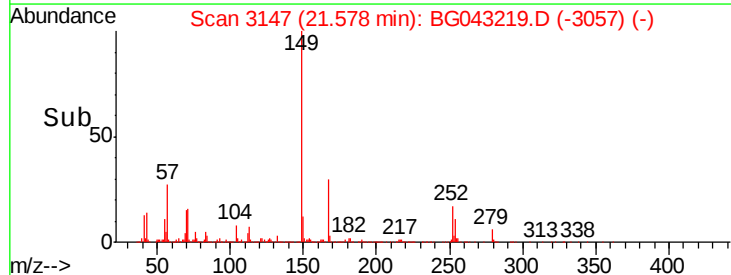
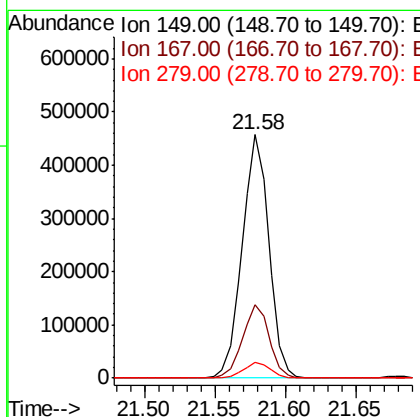
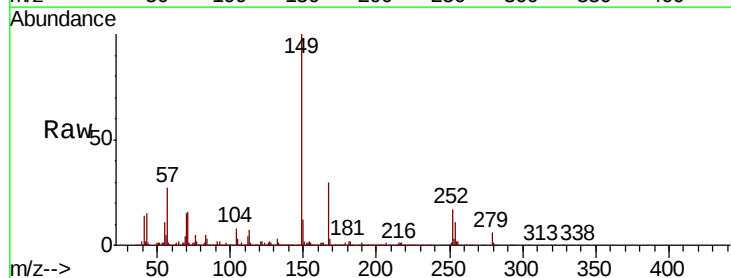
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.6	38.4
229	22.1	16.9	25.3

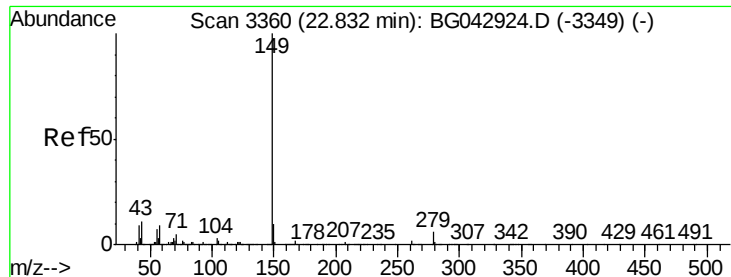


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.499 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion:149 Resp: 603825

Ion	Ratio	Lower	Upper
149	100		
167	30.4	25.4	38.2
279	6.3	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 53.226 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

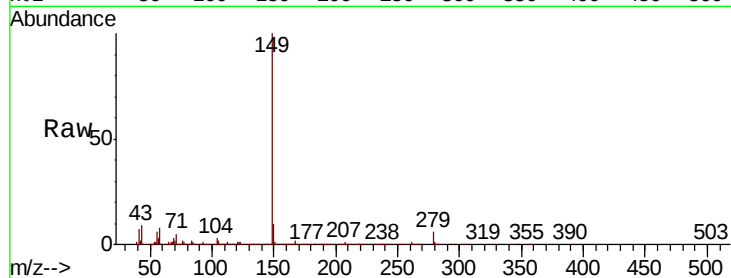
Tot Ion:149 Resp: 1020482

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

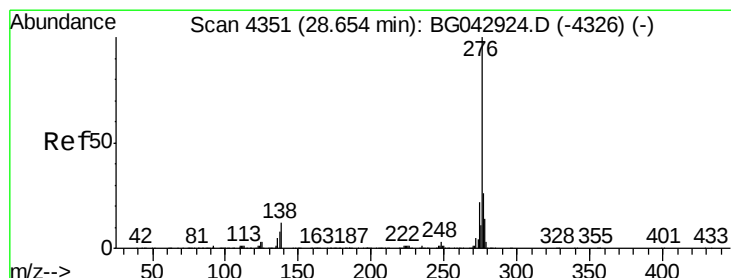
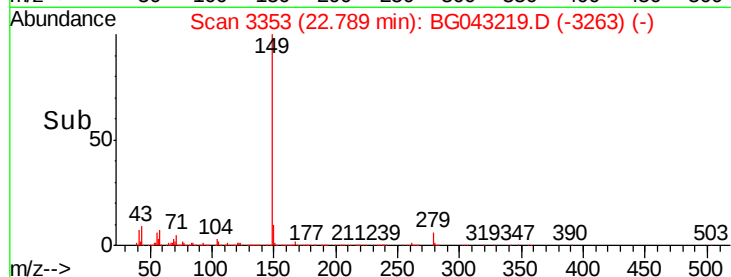
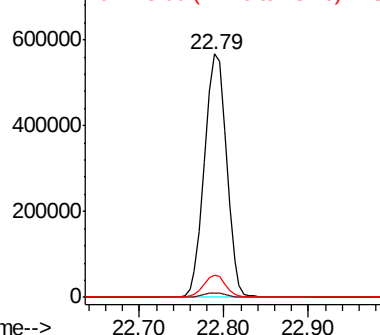
43 9.0 8.7 13.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.494 ng

RT: 28.61 min Scan# 4343

Delta R.T. 0.02 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

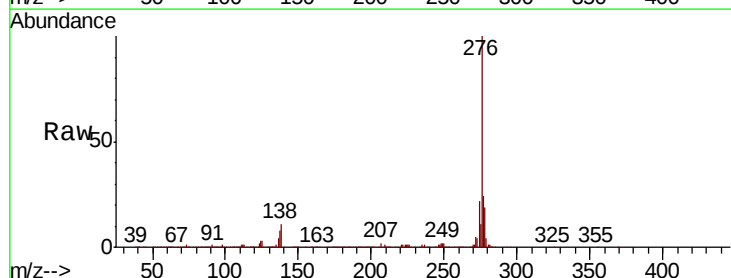
Tgt Ion:276 Resp: 1464586

Ion Ratio Lower Upper

276 100

138 8.5 7.0 10.6

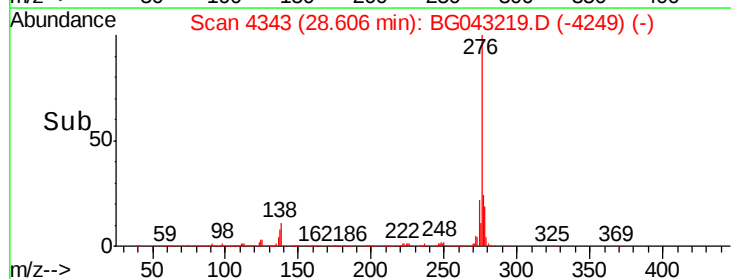
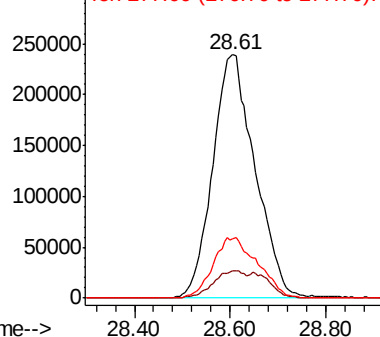
277 26.3 20.9 31.3

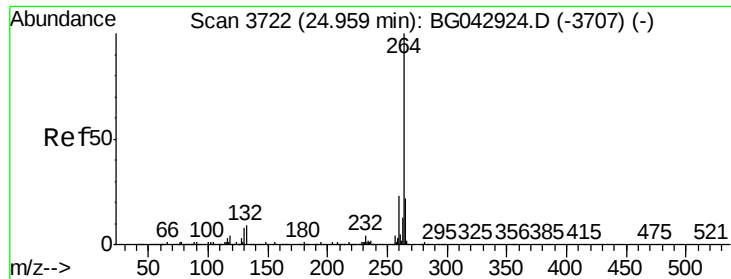


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

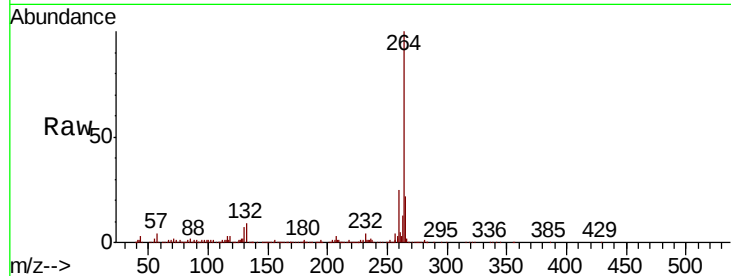
Tot Ion:264 Resp: 421303

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

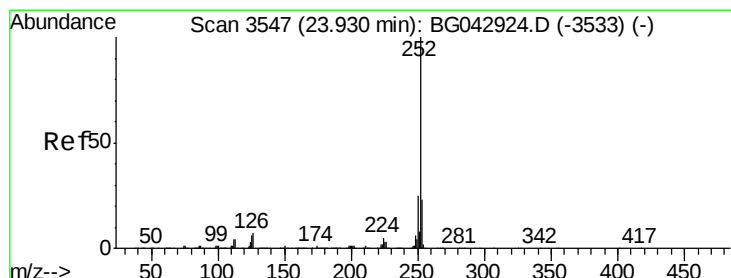
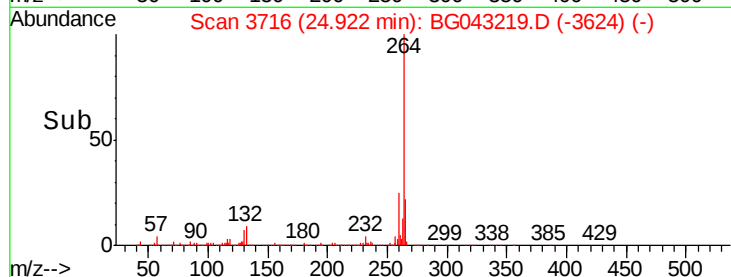
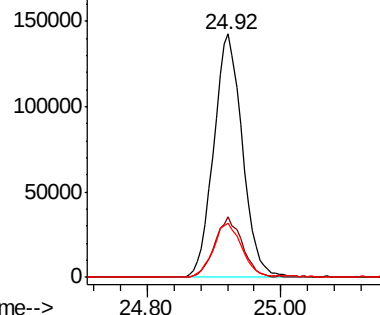
265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.095 ng

RT: 23.90 min Scan# 3542

Delta R.T. 0.01 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

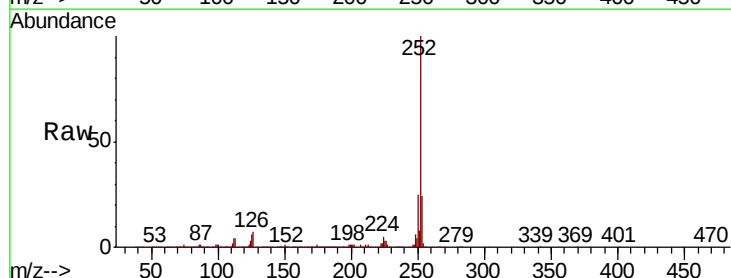
Tgt Ion:252 Resp: 1218022

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

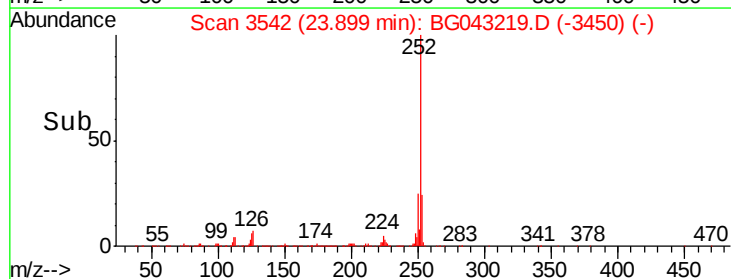
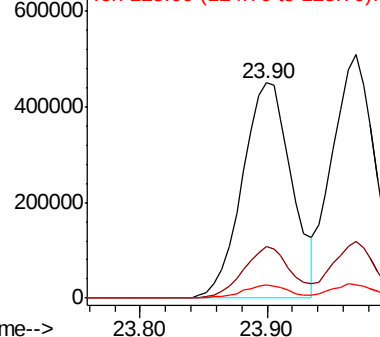
125 6.4 4.6 7.0

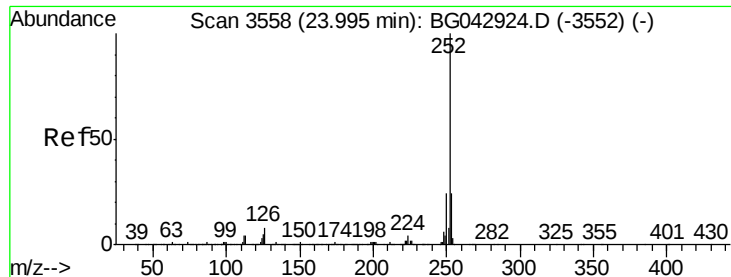


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

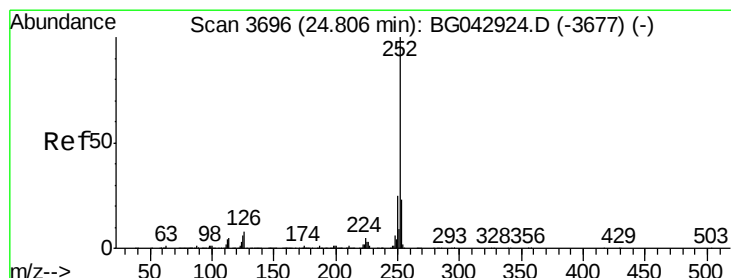
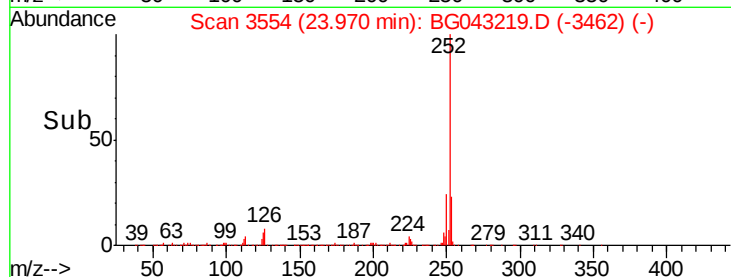
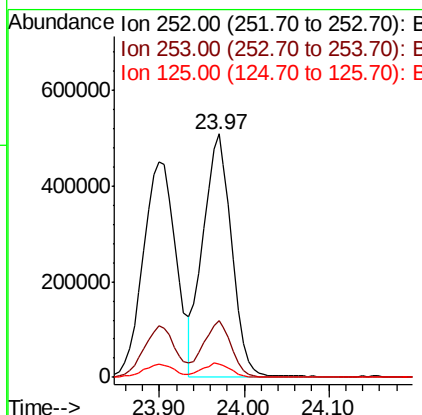
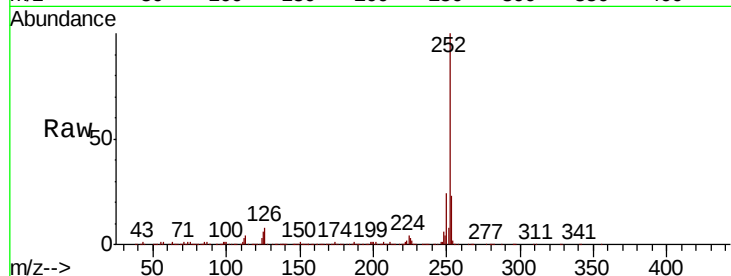




#89
Benzo(k)fluoranthene
Concen: 50.975 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

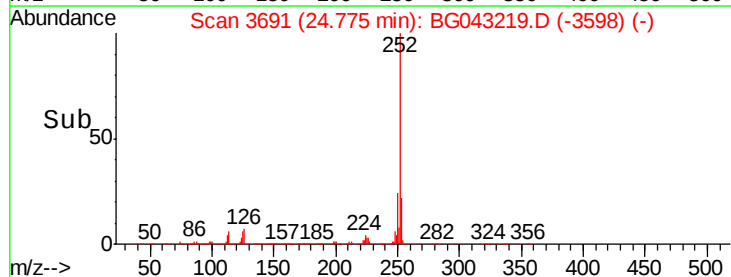
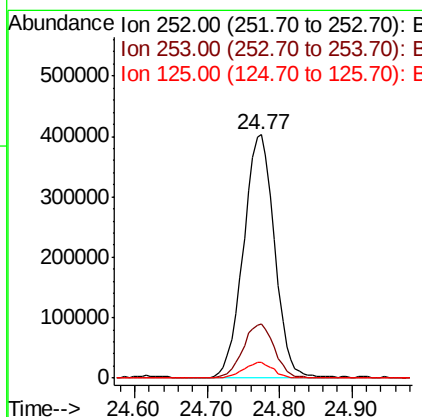
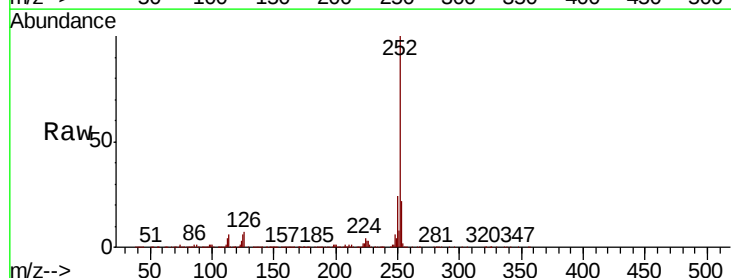
Instrument :
BNA_G
ClientSampleId :

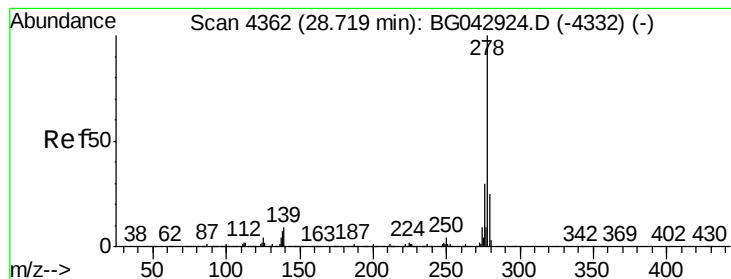
Tot Ion:252 Resp: 1202131
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 5.7 4.5 6.7



#90
Benzo(a)pyrene
Concen: 53.229 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043219.D
Acq: 15 Oct 2019 15:20

Tgt Ion:252 Resp: 1197155
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 6.3 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 53.236 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.02 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

Instrument :

BNA_G

ClientSampleId :

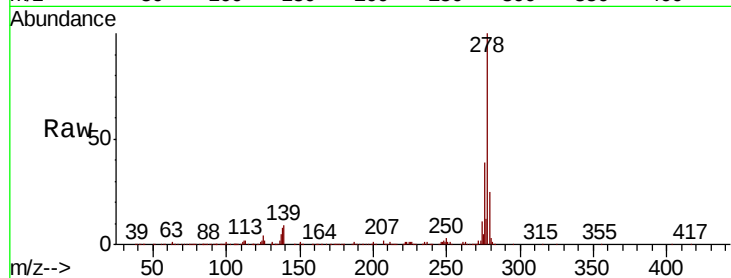
Tot Ion:278 Resp: 1227749

Ion Ratio Lower Upper

278 100

139 8.8 6.8 10.2

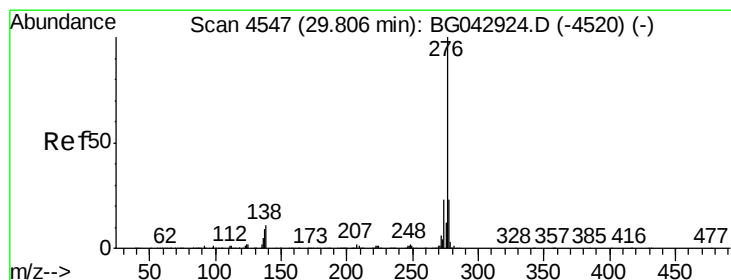
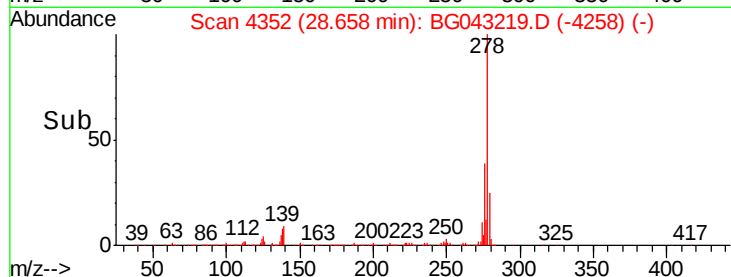
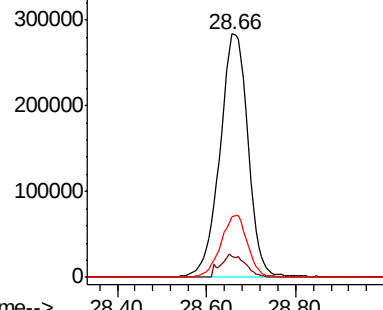
279 24.7 20.1 30.1



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: 54.864 ng

RT: 29.76 min Scan# 4539

Delta R.T. 0.04 min

Lab File: BG043219.D

Acq: 15 Oct 2019 15:20

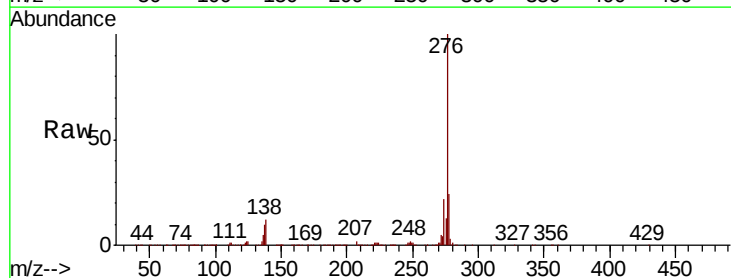
Tgt Ion:276 Resp: 1225970

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 12.4 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

