

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043036.D
 Acq On : 4 Oct 2019 20:12
 Operator : JU
 Sample : K5168-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Quant Time: Oct 05 04:52:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71064	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	260481	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	185782	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	431140	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	462144	20.00	ng	-0.02
87) Perylene-d12	24.91	264	550138	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	443112	111.28	ng	-0.01
7) Phenol-d6	7.24	99	640534	111.70	ng	0.00
23) Nitrobenzene-d5	9.22	82	392717	73.28	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	359727	112.60	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	869130	67.82	ng	-0.02
79) Terphenyl-d14	20.03	244	1512197	69.73	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	54595	32.884	ng	94
3) Pyridine	3.94	79	142526	30.522	ng	91
4) n-Nitrosodimethylamine	3.85	42	84846	37.784	ng	# 86
6) Aniline	7.39	93	249836	36.093	ng	97
8) 2-Chlorophenol	7.63	128	193856	46.682	ng	100
9) Benzaldehyde	7.20	77	118861	33.921	ng	90
10) Phenol	7.27	94	269154	51.159	ng	91
11) bis(2-Chloroethyl)ether	7.48	93	171002	42.009	ng	94
12) 1,3-Dichlorobenzene	7.95	146	209096	39.470	ng	98
13) 1,4-Dichlorobenzene	8.10	146	213729	40.471	ng	99
14) 1,2-Dichlorobenzene	8.42	146	200034	39.786	ng	97
15) Benzyl Alcohol	8.30	79	188256	43.666	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	262612	33.593	ng	97
17) 2-Methylphenol	8.51	107	166671	45.276	ng	98
18) Hexachloroethane	9.15	117	77206	38.818	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	151864	40.332	ng	96
20) 3+4-Methylphenols	8.83	107	227768	45.149	ng	96
22) Acetophenone	8.88	105	289996	43.190	ng	# 95
24) Nitrobenzene	9.26	77	228900	44.779	ng	97
25) Isophorone	9.79	82	422902	44.925	ng	98
26) 2-Nitrophenol	9.97	139	113016	51.936	ng	97
27) 2,4-Dimethylphenol	10.04	122	187255	56.033	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	236027	44.192	ng	96
29) 2,4-Dichlorophenol	10.51	162	211438	50.872	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	233513	43.507	ng	96
31) Naphthalene	10.91	128	584959	45.620	ng	99
32) Benzoic acid	10.19	122	129730	49.534	ng	89
33) 4-Chloroaniline	11.02	127	168196	30.229	ng	93
34) Hexachlorobutadiene	11.21	225	166183	41.352	ng	100
35) Caprolactam	11.80	113	35724	24.373	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	219963	48.675	ng	95
37) 2-Methylnaphthalene	12.51	142	444299	45.420	ng	95
38) 1-Methylnaphthalene	12.74	142	423123	45.713	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	298096	42.675	ng	99

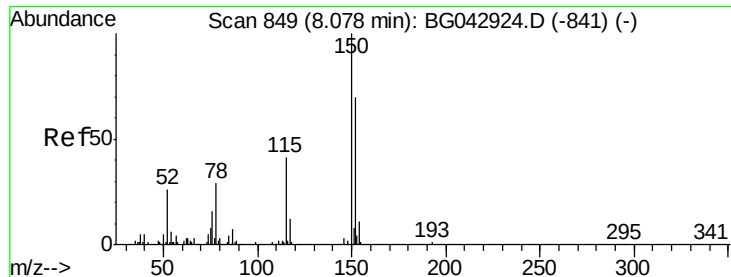
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	419117	94.169	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	198312	48.505	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	208427	49.487	nq	95
46) 1,1'-Biphenyl	13.52	154	605333	42.966	nq	99
47) 2-Chloronaphthalene	13.56	162	469204	44.420	nq	99
48) 2-Nitroaniline	13.76	65	151855	43.231	nq	90
49) Acenaphthylene	14.40	152	757108	46.842	nq	99
50) Dimethylphthalate	14.14	163	756552	54.350	nq	99
51) 2,6-Dinitrotoluene	14.25	165	142646	48.120	nq	94
52) Acenaphthene	14.74	154	472024	43.631	nq	98
53) 3-Nitroaniline	14.59	138	99090	32.345	nq	98
54) 2,4-Dinitrophenol	14.79	184	181067	98.268	nq	91
55) Dibenzofuran	15.08	168	731616	45.715	nq	98
56) 4-Nitrophenol	14.90	139	228294	97.804	nq	93
57) 2,4-Dinitrotoluene	15.04	165	201021	46.307	nq	98
58) Fluorene	15.73	166	614783	44.995	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	212061	47.288	nq	98
60) Diethylphthalate	15.50	149	613155	43.282	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	360668	44.014	nq	99
62) 4-Nitroaniline	15.75	138	142138	42.542	nq	98
63) Azobenzene	16.01	77	545183	42.270	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	125939	51.621	nq	93
66) n-Nitrosodiphenylamine	15.93	169	552017	48.501	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	250073	46.214	nq	96
68) Hexachlorobenzene	16.73	284	275723	45.763	nq	97
69) Atrazine	16.88	200	210407	43.901	nq	96
70) Pentachlorophenol	17.08	266	355136	102.151	nq	100
71) Phenanthrene	17.47	178	986280	46.858	nq	98
72) Anthracene	17.56	178	999321	47.557	nq	99
73) Carbazole	17.82	167	899566	46.165	nq	100
74) Di-n-butylphthalate	18.38	149	1030135	44.309	nq	99
75) Fluoranthene	19.47	202	1311804	47.119	nq	99
77) Benzidine	19.65	184	712895	61.607	nq	99
78) Pyrene	19.83	202	1312568	47.585	nq	99
80) Butylbenzylphthalate	20.72	149	485545	46.375	nq	96
81) Benzo(a)anthracene	21.67	228	1326550	46.067	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	389223	34.463	nq	99
83) Chrysene	21.74	228	1284930	45.982	nq	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	698999	46.918	nq	98
85) Di-n-octyl phthalate	22.79	149	1181812	48.511	nq	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1697581	48.798	nq	# 96
88) Benzo(b)fluoranthene	23.89	252	1465250	47.071	nq	99
89) Benzo(k)fluoranthene	23.96	252	1368330	44.434	nq	99
90) Benzo(a)pyrene	24.76	252	1412697	48.103	nq	98
91) Dibenzo(a,h)anthracene	28.65	278	1431629	47.539	nq	99
92) Benzo(g,h,i)perylene	29.73	276	1407798	48.247	nq	99

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

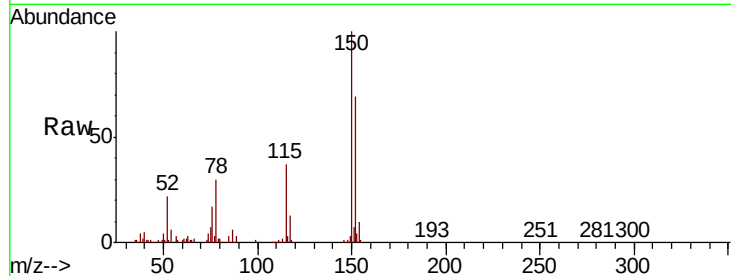


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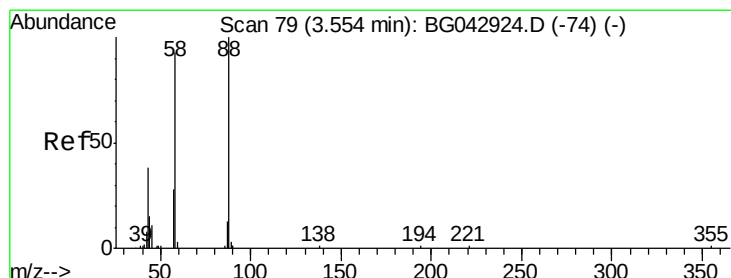
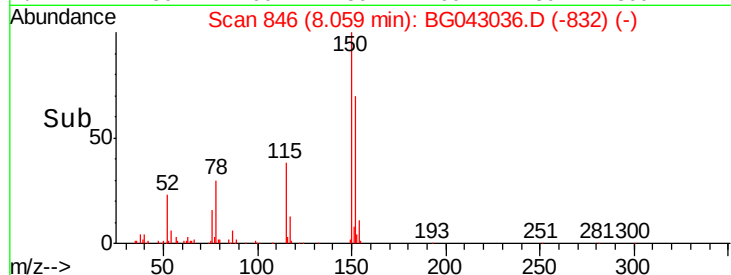
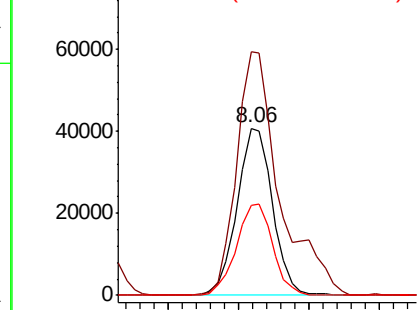
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:152 Resp: 71064
Ion Ratio Lower Upper
152 100
150 145.8 115.0 172.4
115 53.7 47.0 70.6



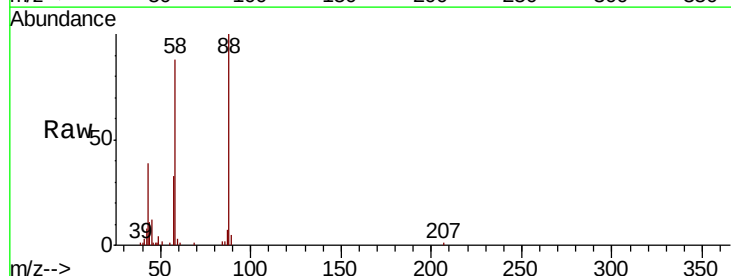
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



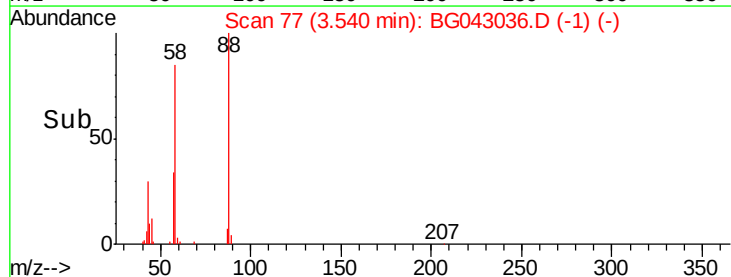
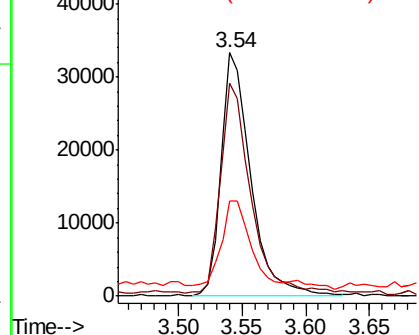
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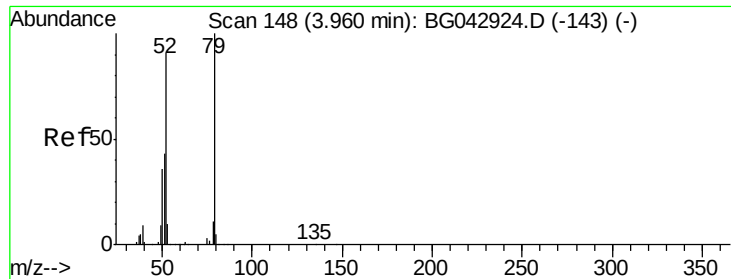
1,4-Dioxane
Concen: 32.884 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion: 88 Resp: 54595
Ion Ratio Lower Upper
88 100
58 87.9 74.3 111.5
43 32.5 29.8 44.8



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





#3

Pvridine

Concen: 30.522 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

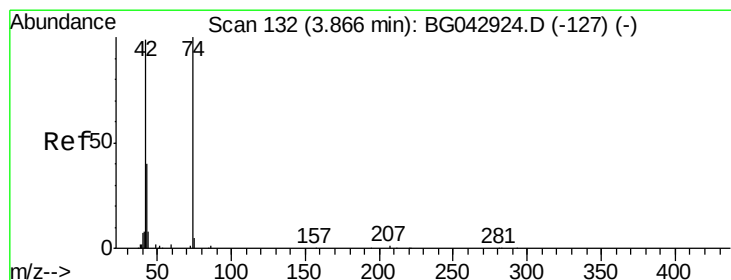
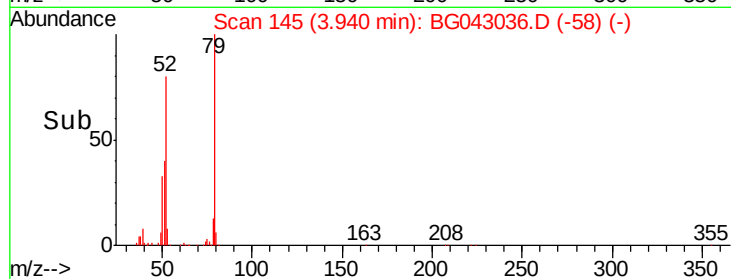
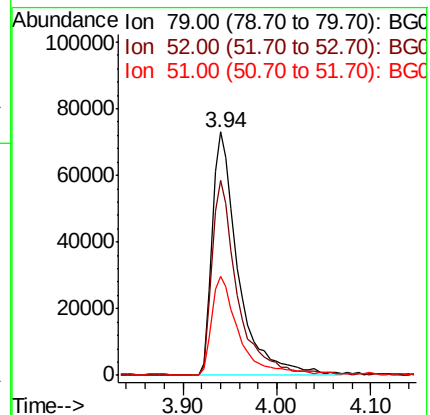
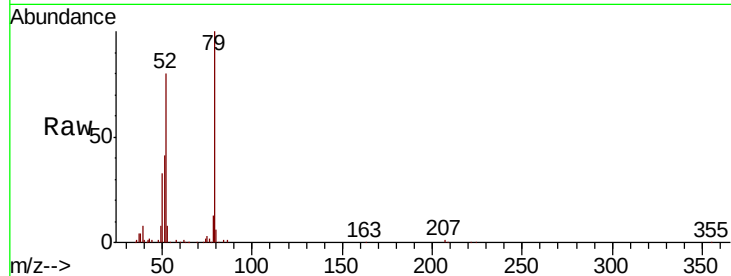
Tot Ion: 79 Resp: 142526

Ion Ratio Lower Upper

79 100

52 80.1 73.0 109.4

51 40.8 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 37.784 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

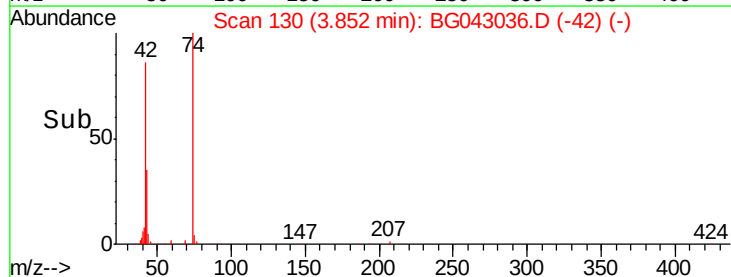
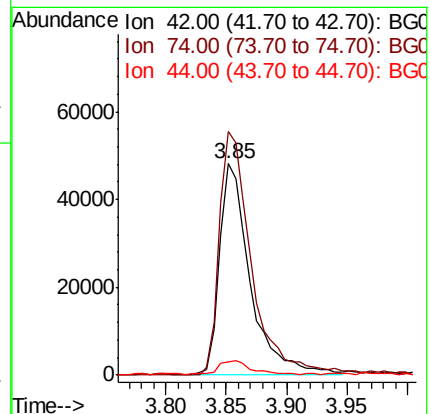
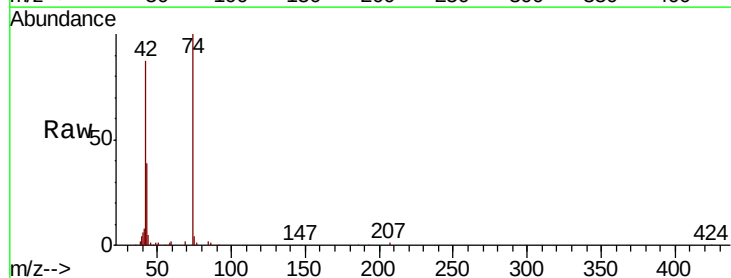
Tgt Ion: 42 Resp: 84846

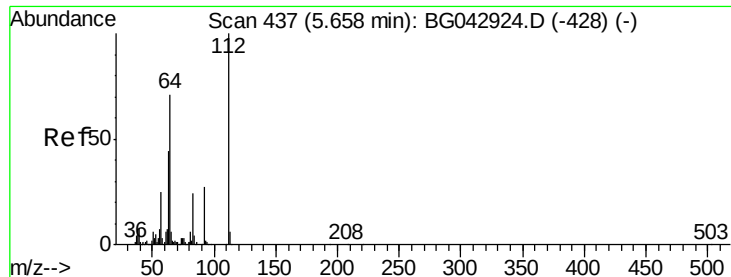
Ion Ratio Lower Upper

42 100

74 115.3 80.5 120.7

44 6.0 6.9 10.3#





#5

2-Fluorophenol

Concen: 111.278 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

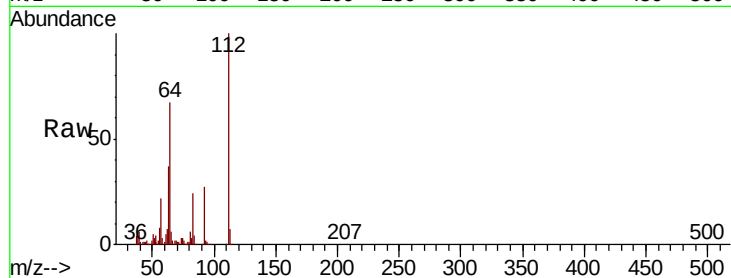
Tot Ion:112 Resp: 443112

Ion Ratio Lower Upper

112 100

64 67.4 56.6 84.8

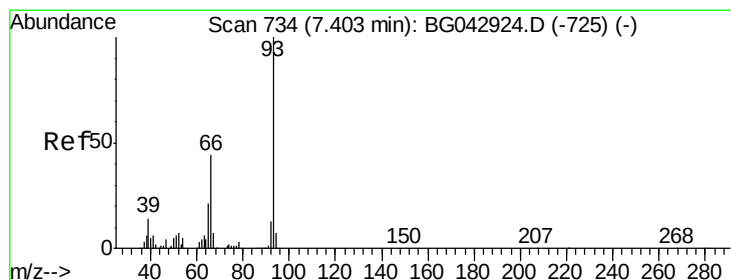
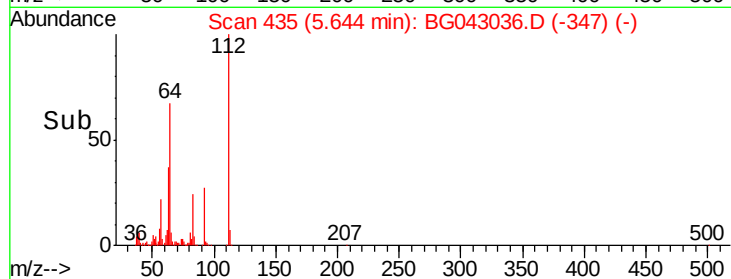
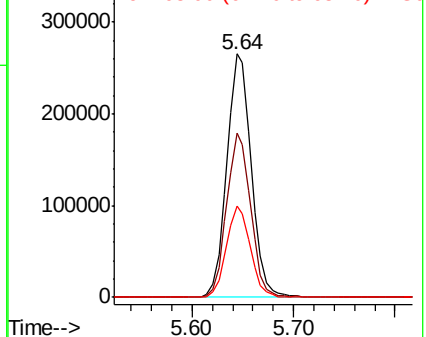
63 37.4 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.093 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

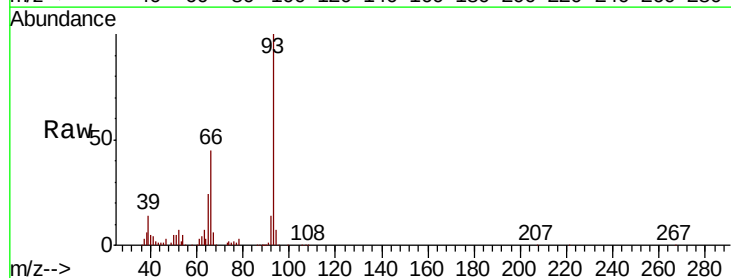
Tgt Ion: 93 Resp: 249836

Ion Ratio Lower Upper

93 100

66 44.9 35.0 52.6

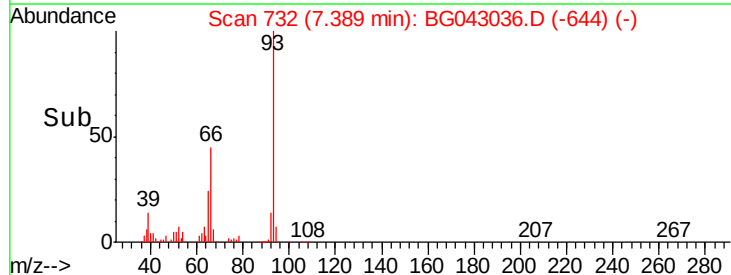
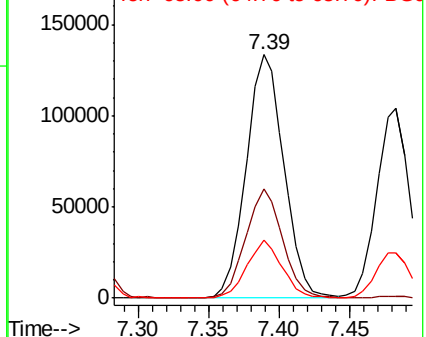
65 23.9 17.4 26.0

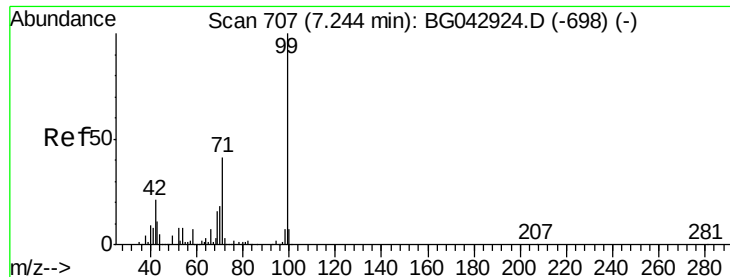


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.701 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

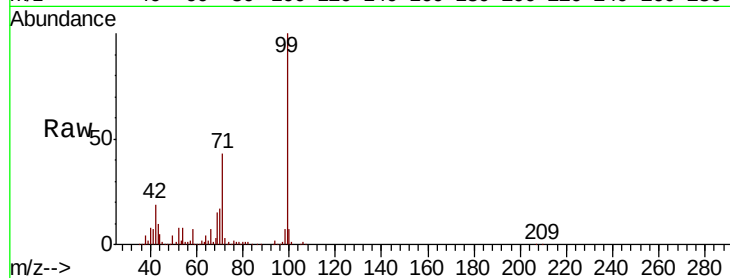
Tot Ion: 99 Resp: 640534

Ion Ratio Lower Upper

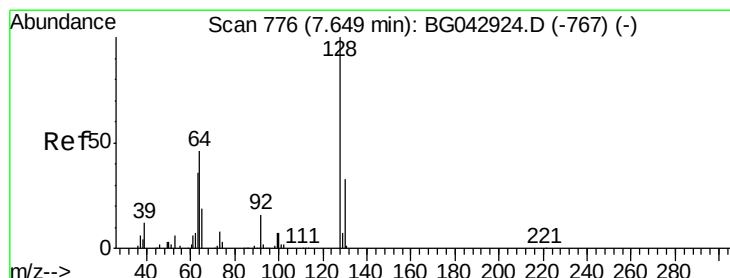
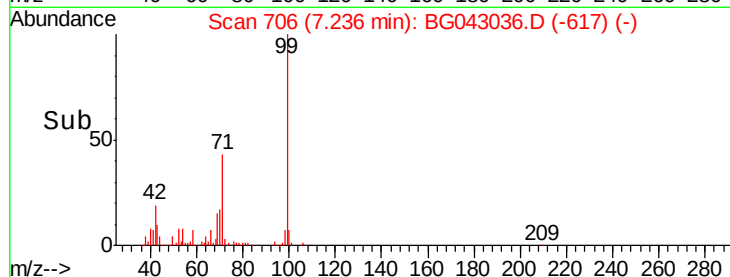
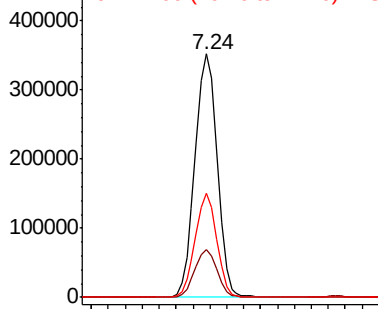
99 100

42 19.4 17.2 25.8

71 42.6 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: 46.682 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

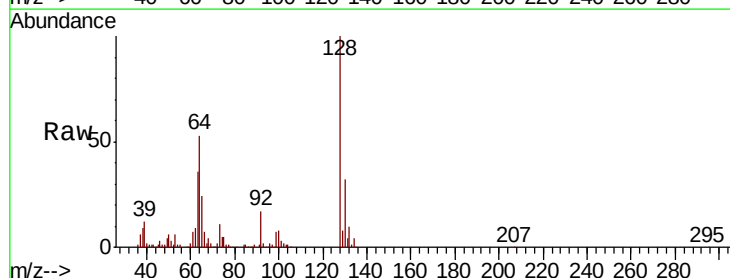
Tgt Ion: 128 Resp: 193856

Ion Ratio Lower Upper

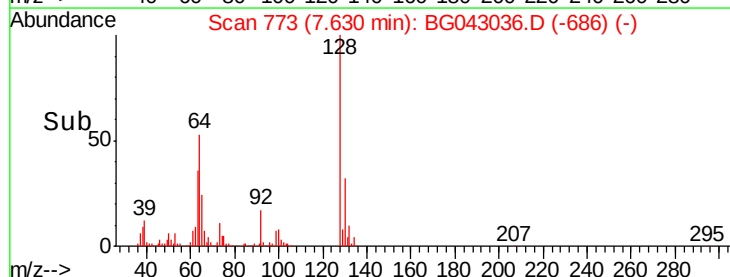
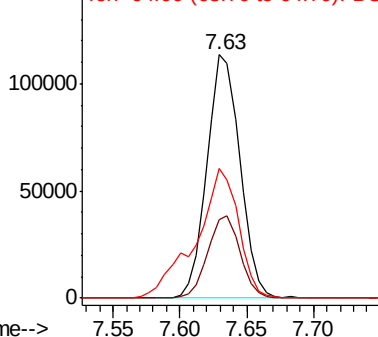
128 100

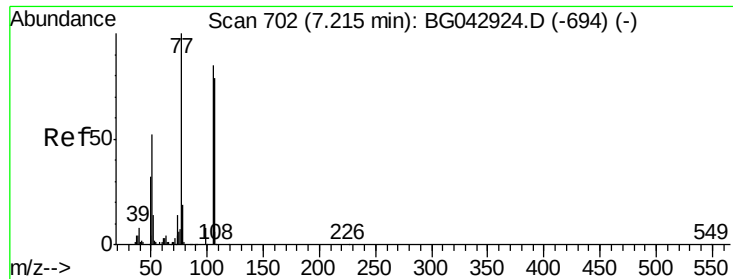
130 32.3 12.5 52.5

64 53.1 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: 33.921 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

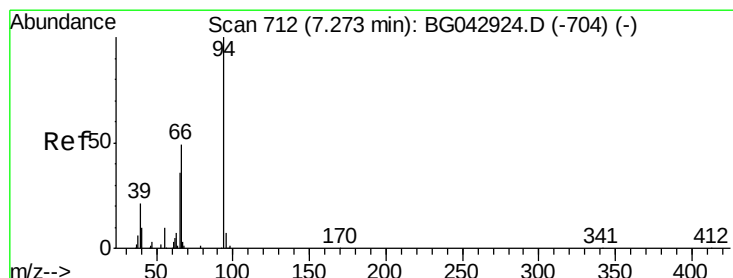
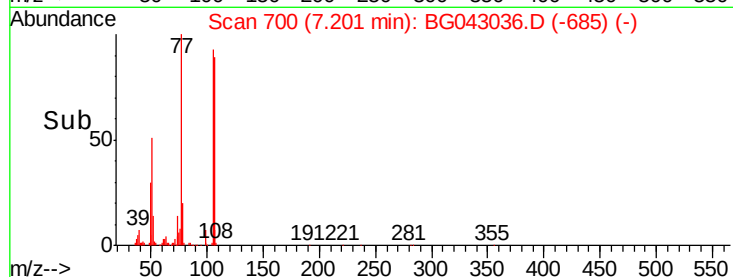
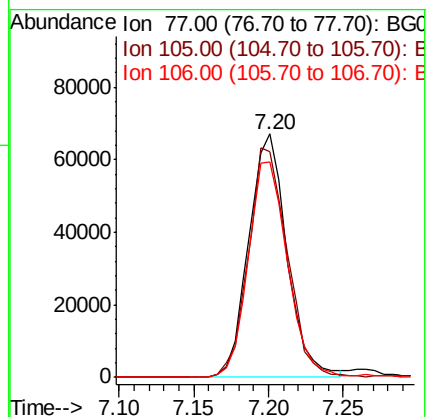
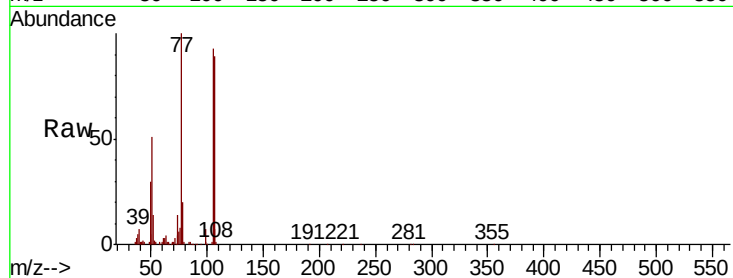
Tot Ion: 77 Resp: 118861

Ion Ratio Lower Upper

77 100

105 92.8 64.6 104.6

106 88.6 59.4 99.4



#10

Phenol

Concen: 51.159 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

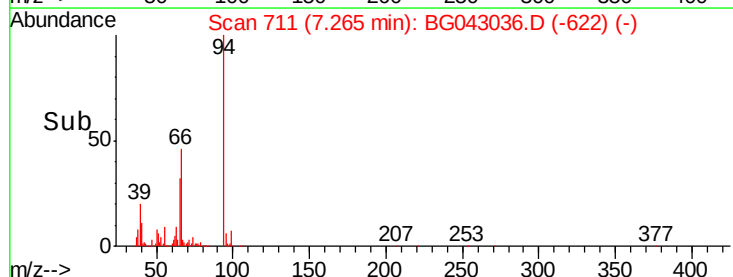
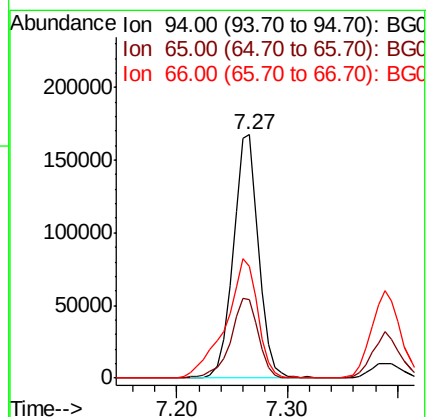
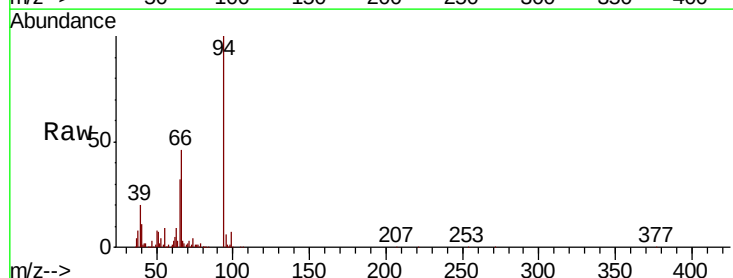
Tgt Ion: 94 Resp: 269154

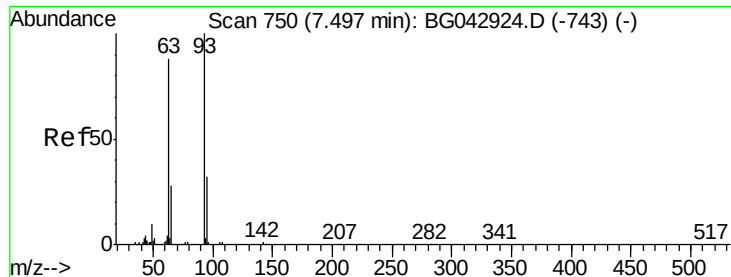
Ion Ratio Lower Upper

94 100

65 32.1 16.6 56.6

66 45.9 32.4 72.4

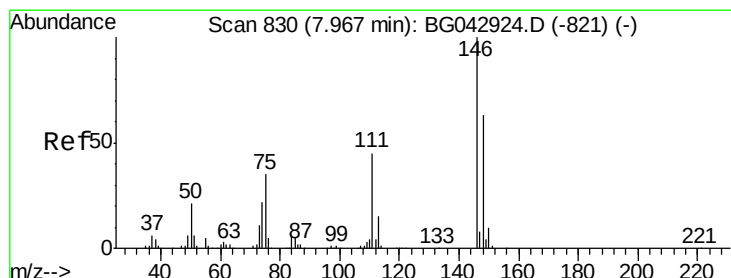
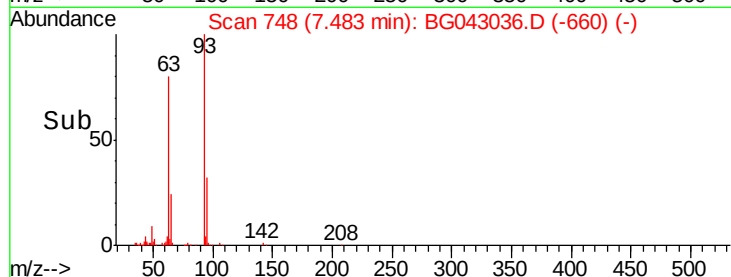
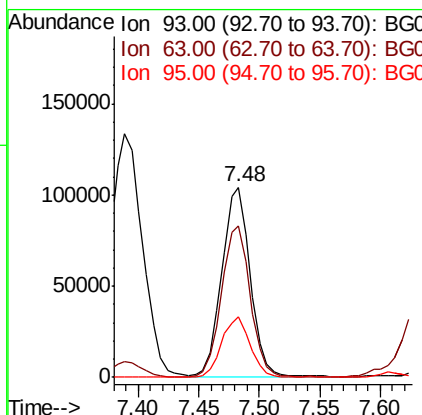
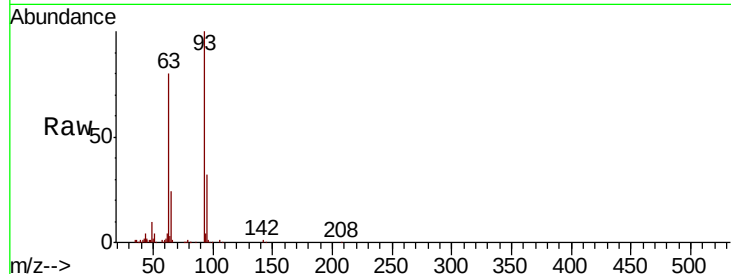




#11
bis(2-Chloroethyl)ether
Concen: 42.009 ng
RT: 7.48 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

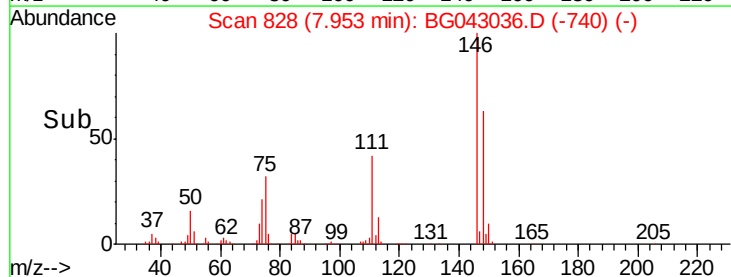
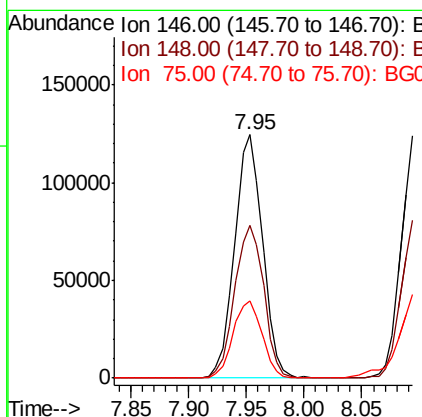
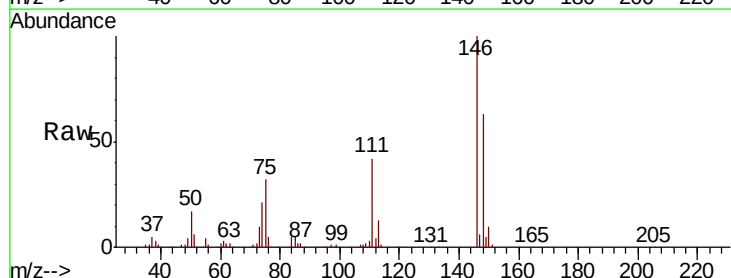
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

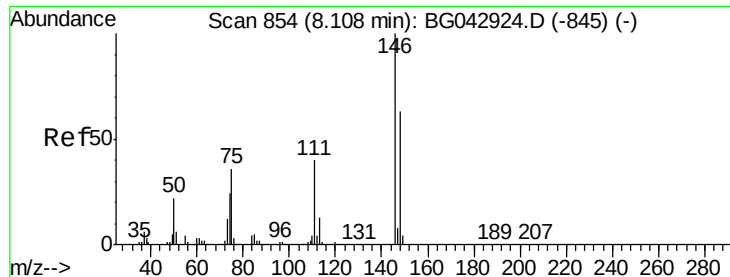
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	67.4	107.4
95	31.8	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 39.470 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.7	76.1
75	31.8	27.7	41.5

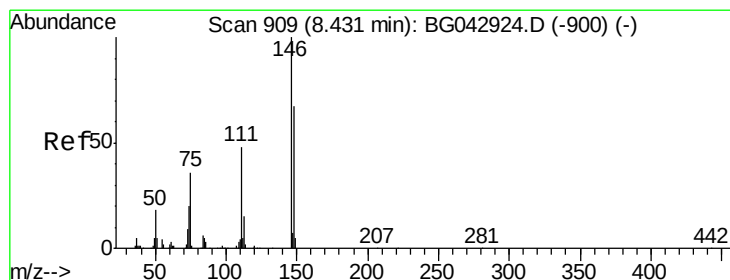
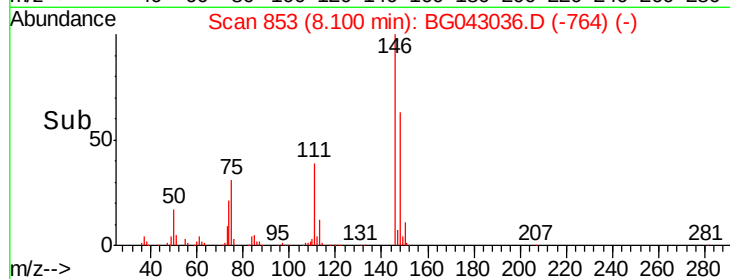
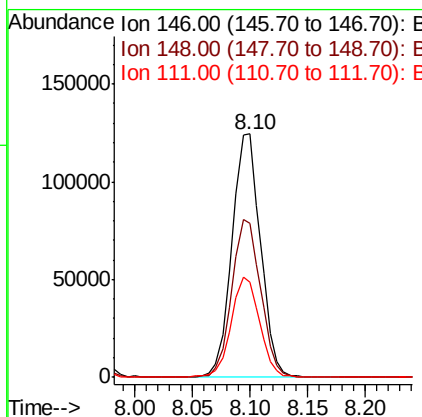
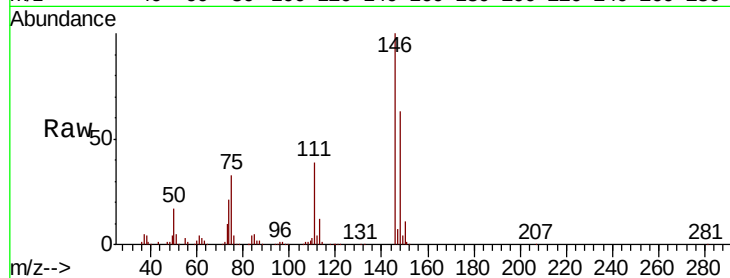




#13
 1,4-Dichlorobenzene
 Concen: 40.471 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

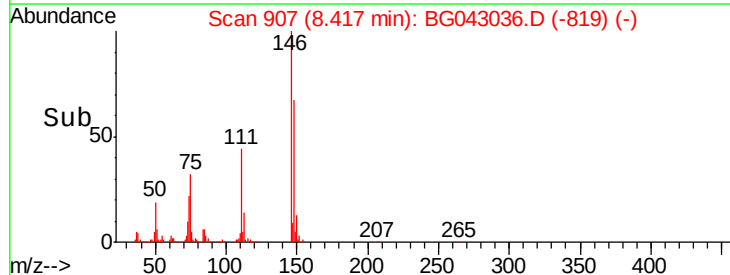
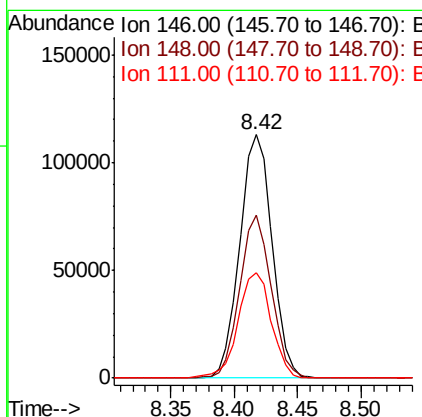
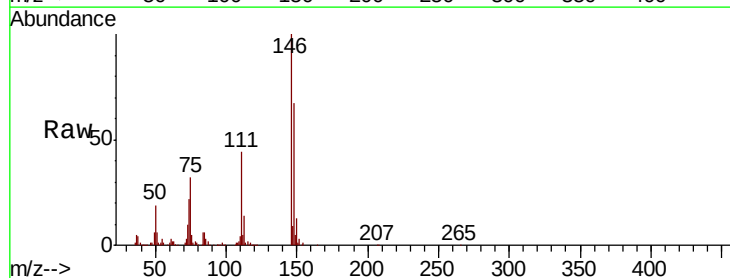
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

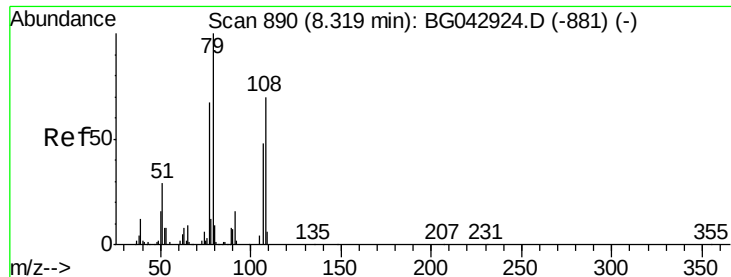
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.9	76.3
111	38.9	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 39.786 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.4	80.2
111	43.5	38.5	57.7





#15

Benzyl Alcohol

Concen: 43.666 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

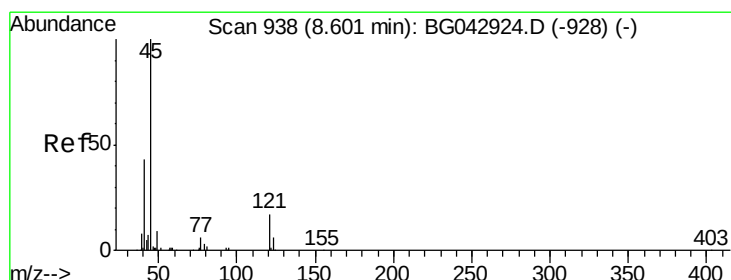
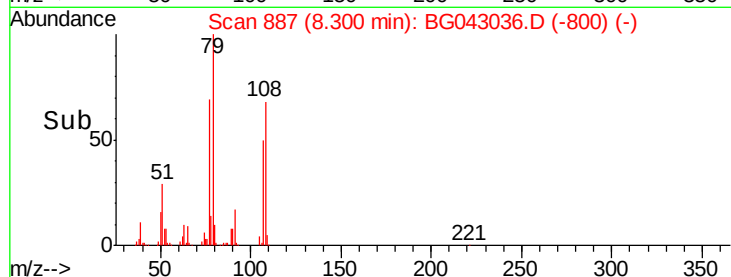
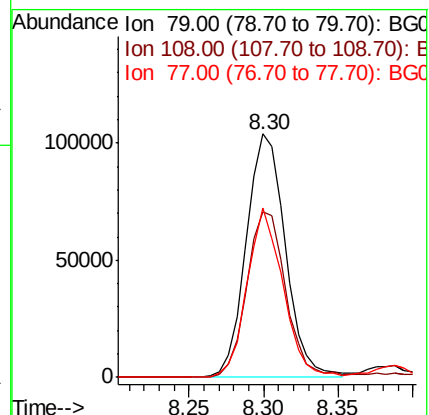
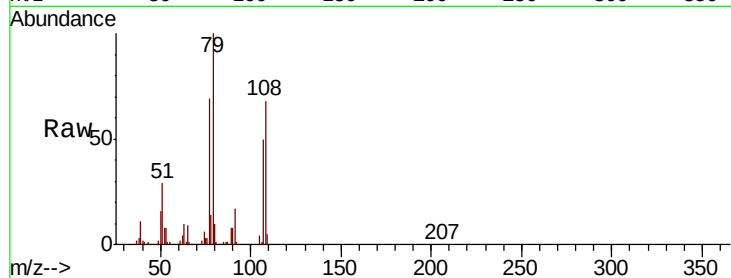
Tot Ion: 79 Resp: 188256

Ion Ratio Lower Upper

79 100

108 68.2 55.7 83.5

77 69.4 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.593 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

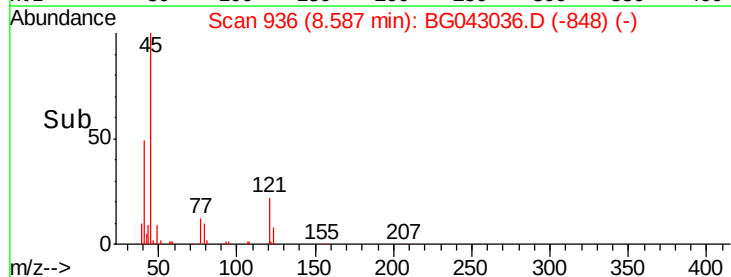
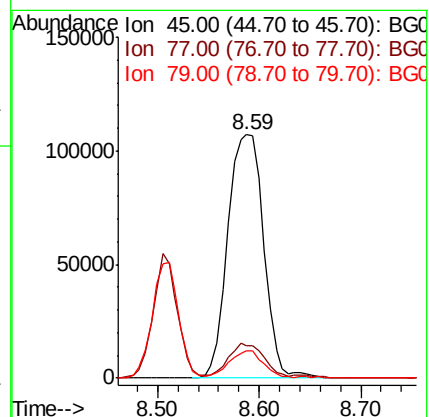
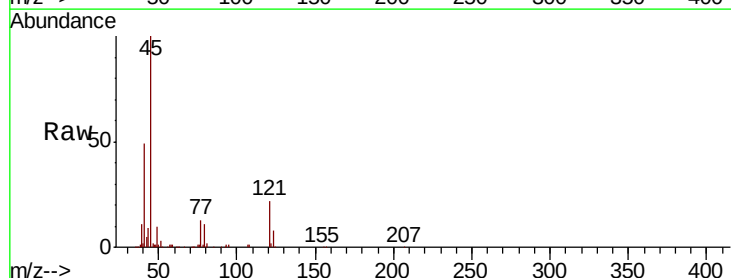
Tgt Ion: 45 Resp: 262612

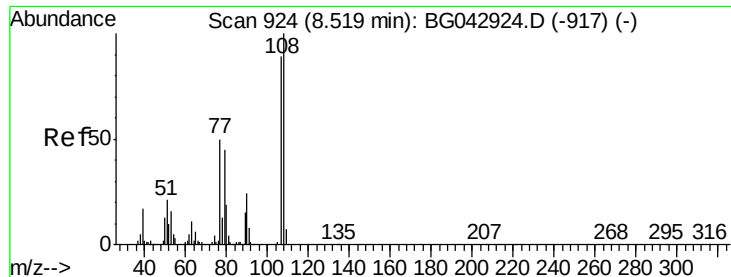
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.8

79 11.2 0.0 29.4





#17

2-Methylphenol

Concen: 45.276 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:107 Resp: 166671

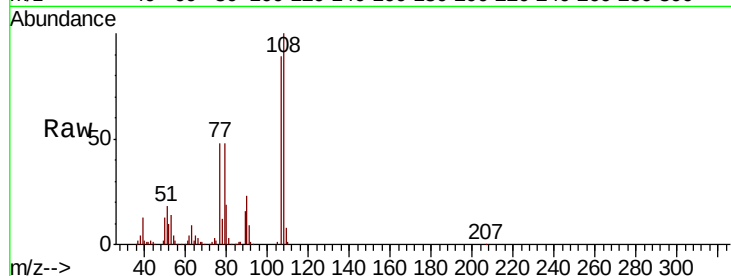
Ion Ratio Lower Upper

107 100

108 112.6 89.9 134.9

77 54.0 45.4 68.2

79 54.3 41.4 62.0

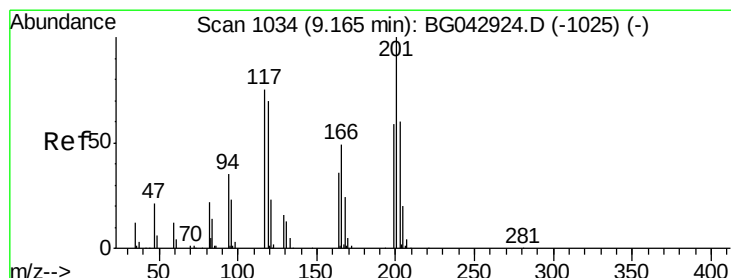
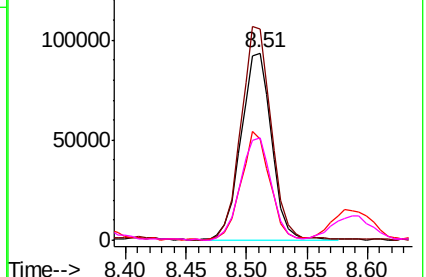
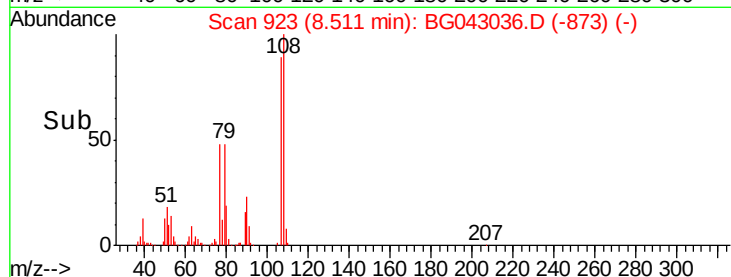


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.818 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

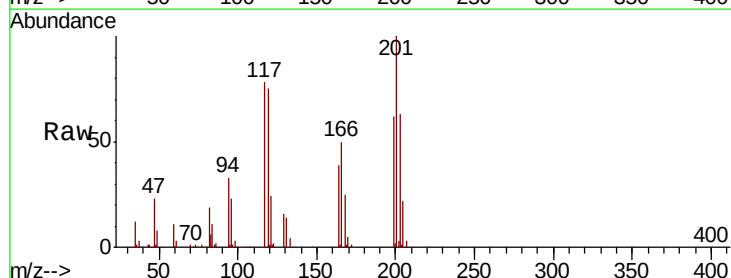
Tgt Ion:117 Resp: 77206

Ion Ratio Lower Upper

117 100

119 96.6 74.6 111.8

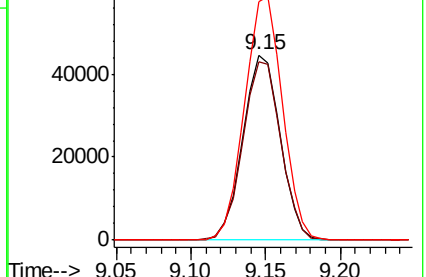
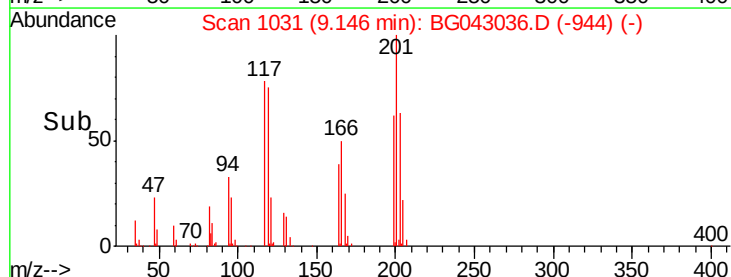
201 128.9 106.0 159.0

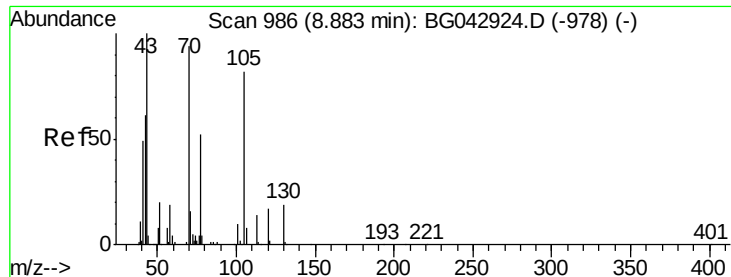


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

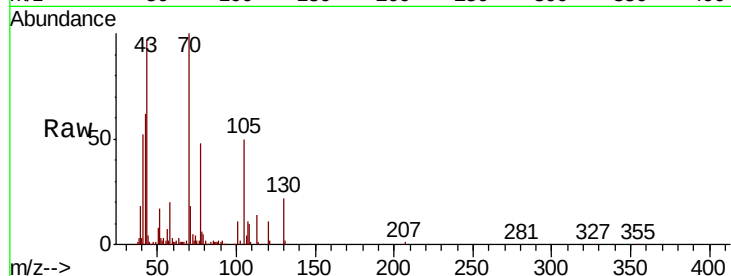




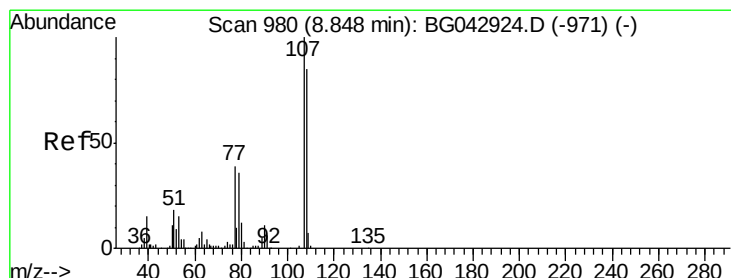
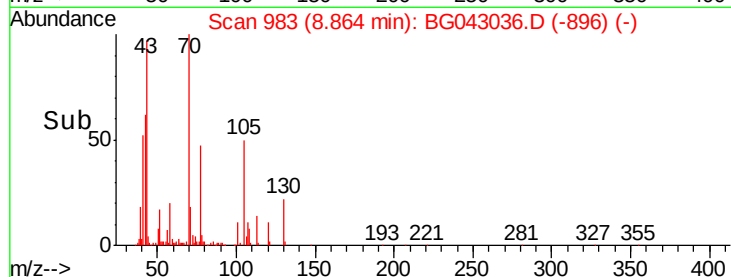
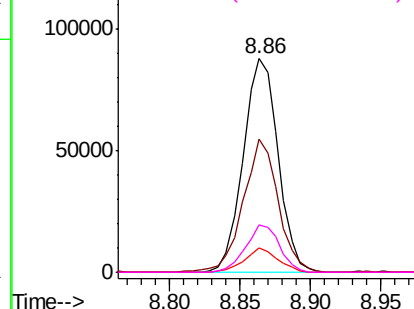
#19
n-Nitroso-di-n-propylamine
Concen: 40.332 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion: 70 Resp: 151864
Ion Ratio Lower Upper
70 100
42 62.1 52.6 79.0
101 11.3 8.7 13.1
130 22.1 15.8 23.8

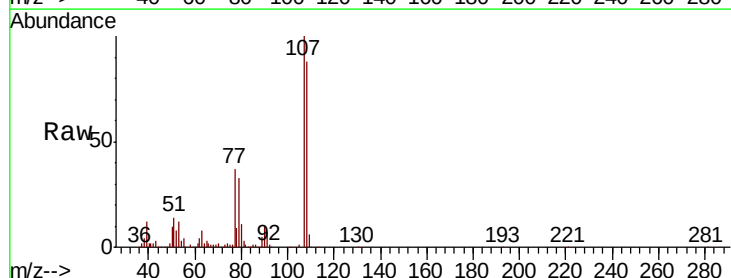


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

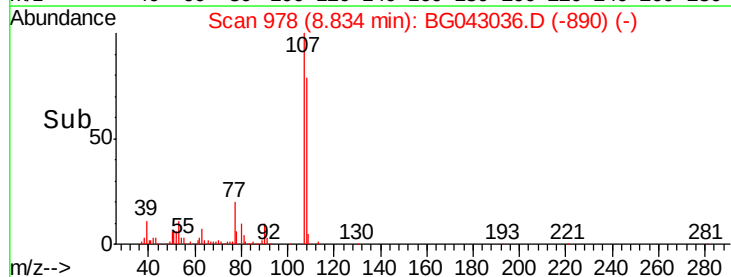
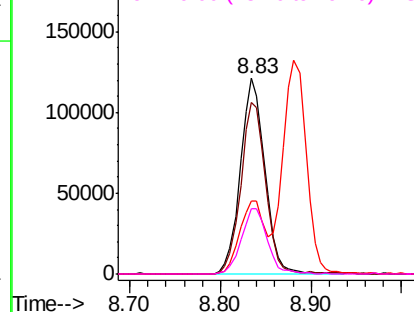


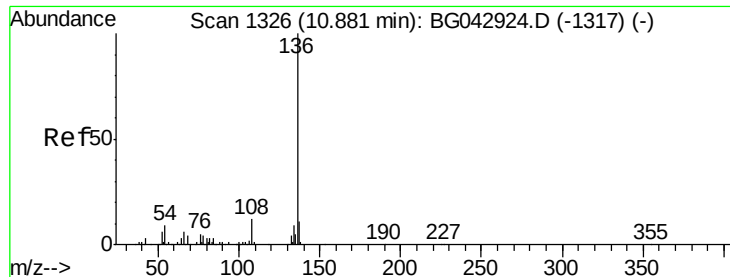
#20
3+4-Methylphenols
Concen: 45.149 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion: 107 Resp: 227768
Ion Ratio Lower Upper
107 100
108 88.0 64.9 104.9
77 37.1 19.4 59.4
79 33.3 16.2 56.2



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

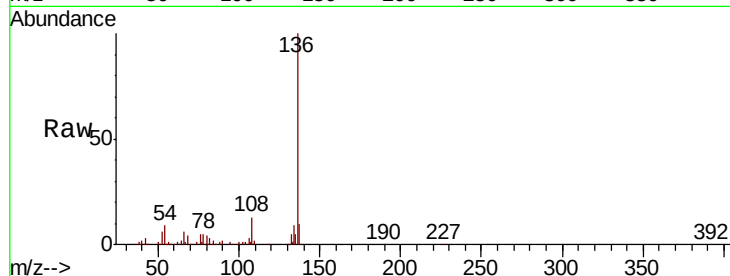




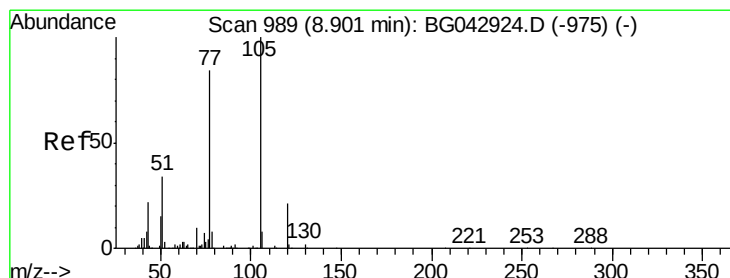
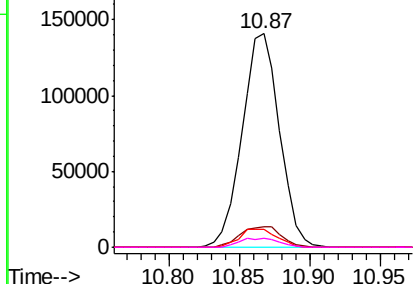
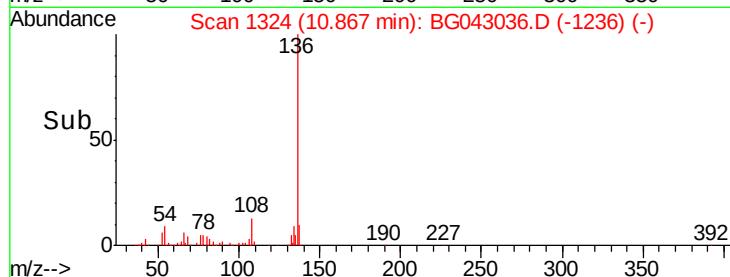
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:136	Resp:	260481
Ion Ratio	Lower	Upper
136	100	
137	9.7	8.5 12.7
54	8.6	7.4 11.2
68	4.2	3.6 5.4

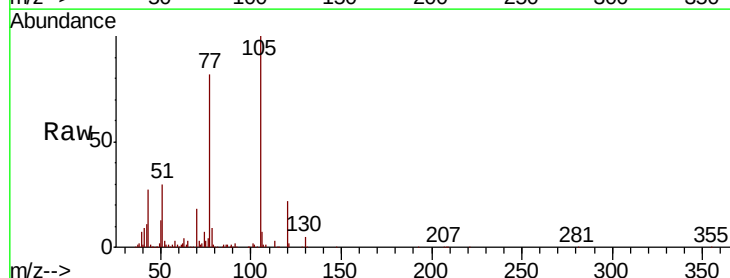


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

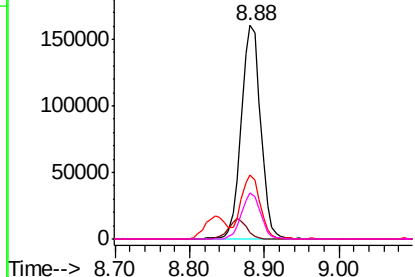
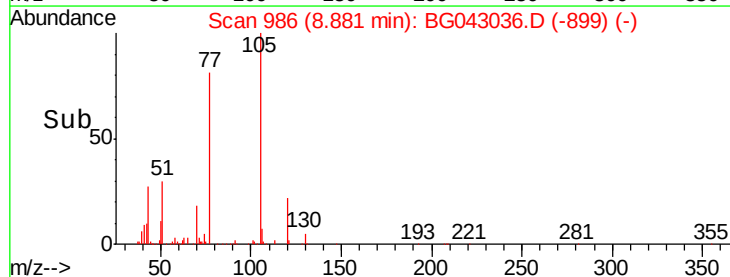


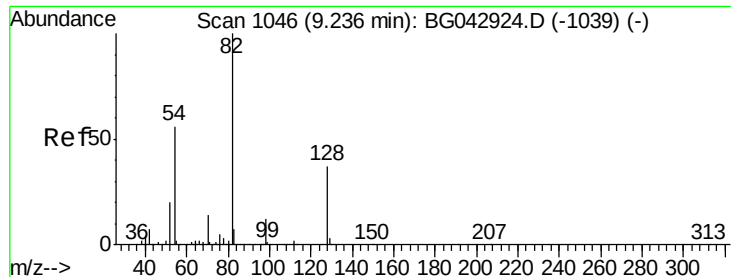
#22
Acetophenone
Concen: 43.190 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion:105	Resp:	289996
Ion Ratio	Lower	Upper
105	100	
71	3.3	1.2 1.8#
51	30.2	27.2 40.8
120	21.7	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: 73.280 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

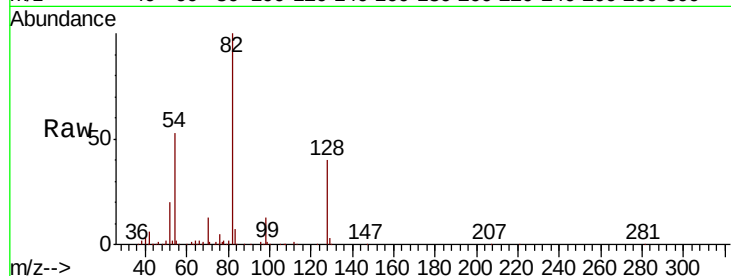
Tot Ion: 82 Resp: 392717

Ion Ratio Lower Upper

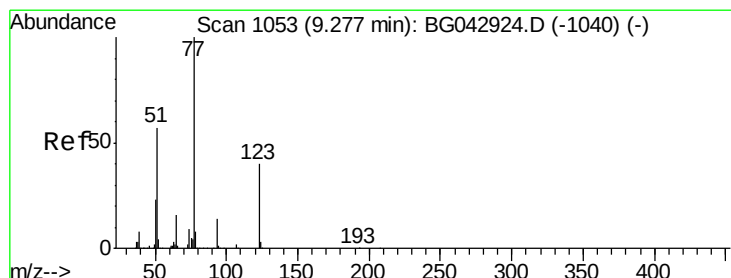
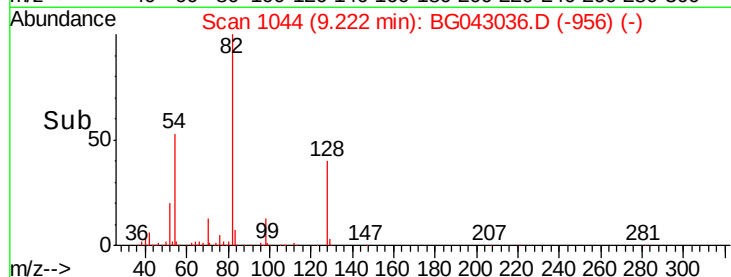
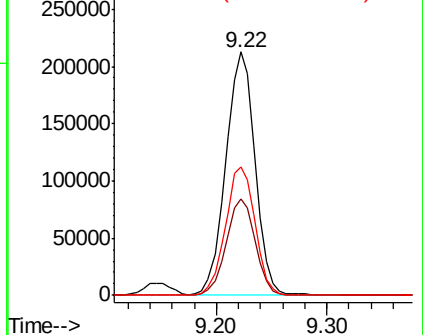
82 100

128 39.6 29.5 44.3

54 52.7 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: 44.779 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

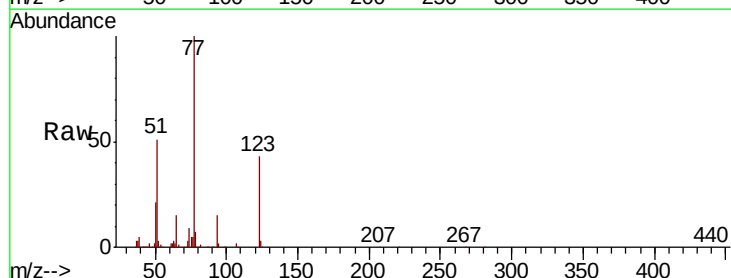
Tgt Ion: 77 Resp: 228900

Ion Ratio Lower Upper

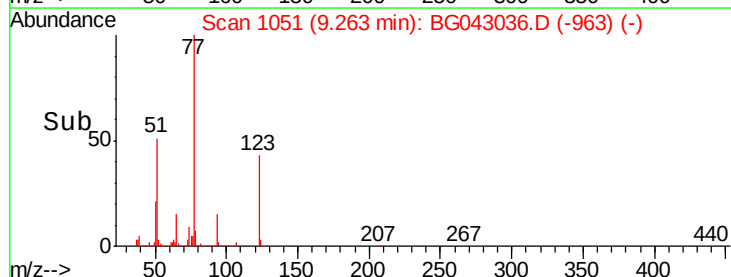
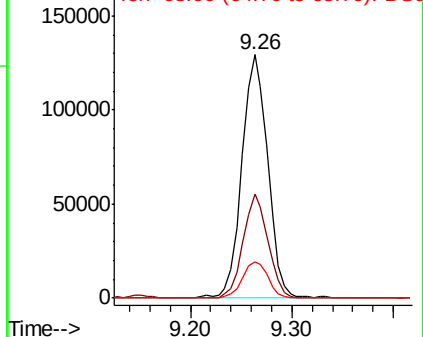
77 100

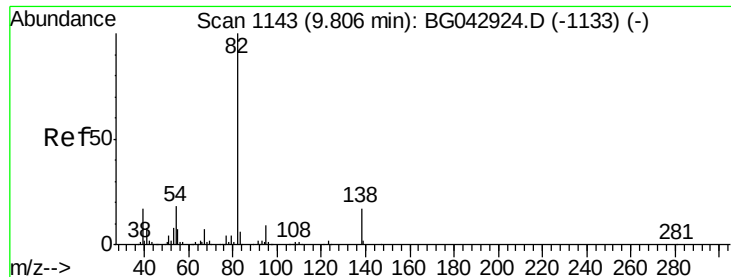
123 42.5 31.9 47.9

65 15.0 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: 44.925 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

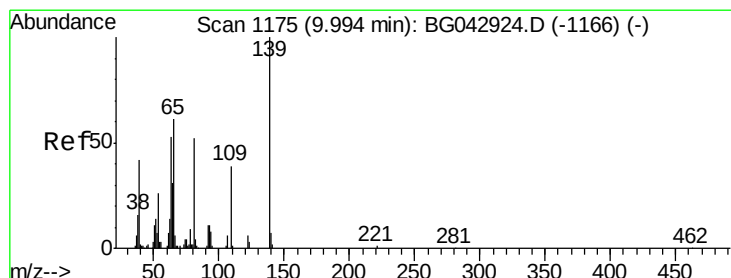
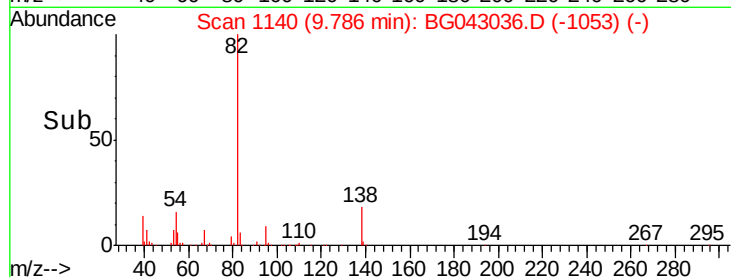
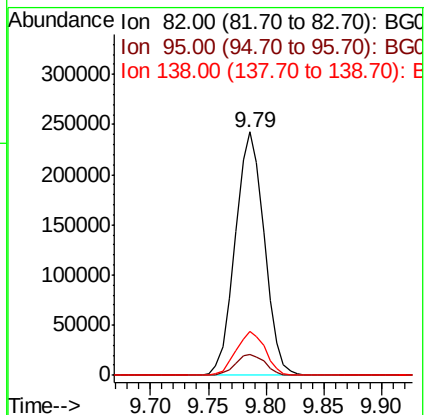
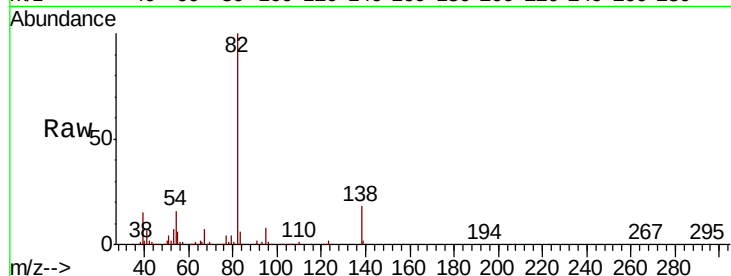
Tot Ion: 82 Resp: 422902

Ion Ratio Lower Upper

82 100

95 8.5 7.0 10.4

138 18.2 13.8 20.6



#26

2-Nitrophenol

Concen: 51.936 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

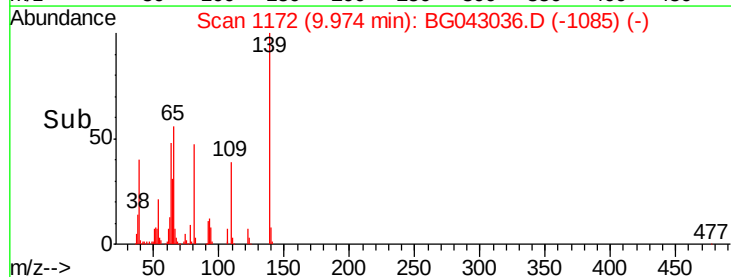
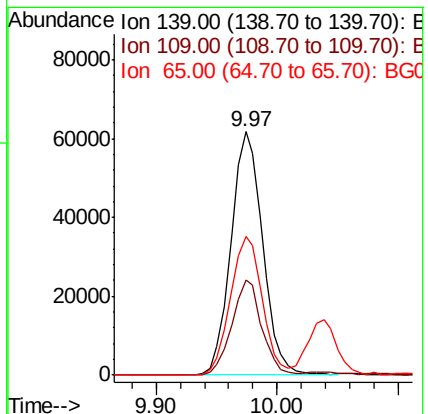
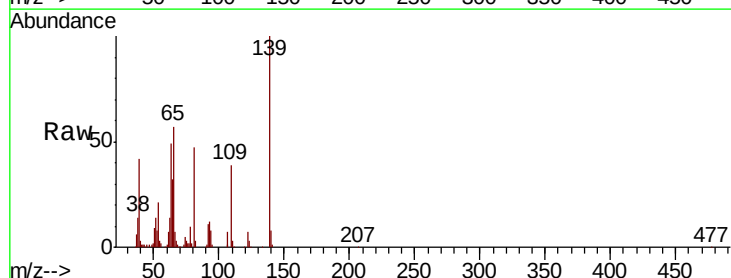
Tgt Ion: 139 Resp: 113016

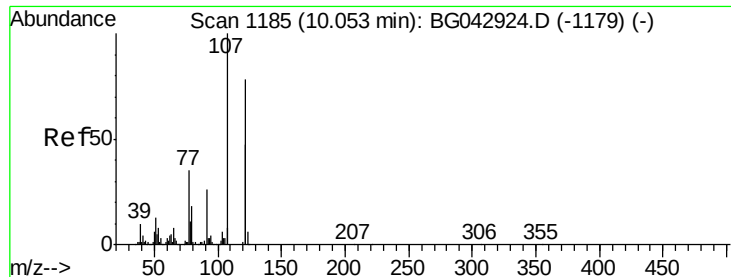
Ion Ratio Lower Upper

139 100

109 39.1 31.0 46.6

65 56.8 48.4 72.6





#27

2,4-Dimethylphenol

Concen: 56.033 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

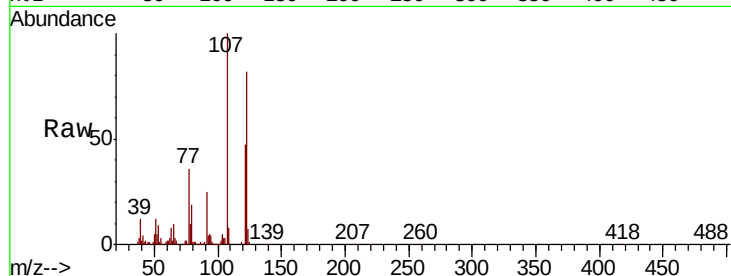
Tot Ion:122 Resp: 187255

Ion Ratio Lower Upper

122 100

107 121.8 102.2 153.2

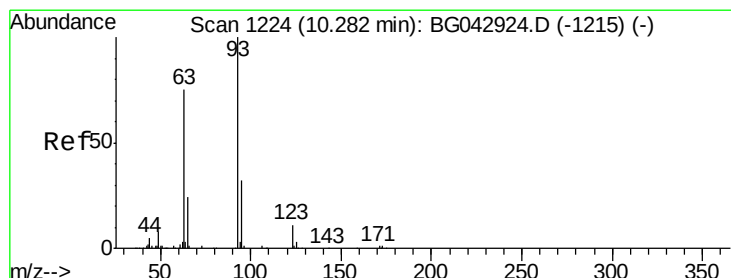
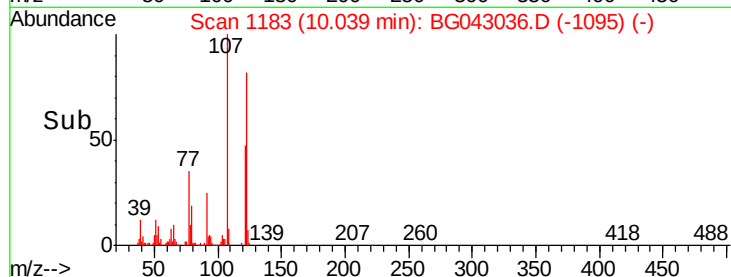
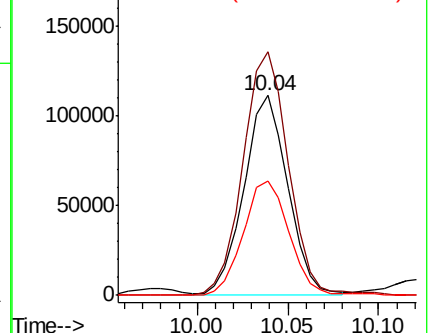
121 57.1 48.5 72.7



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: 44.192 ng

RT: 10.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

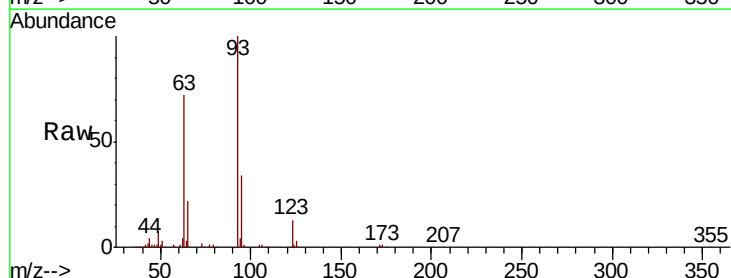
Tgt Ion: 93 Resp: 236027

Ion Ratio Lower Upper

93 100

95 34.1 25.4 38.0

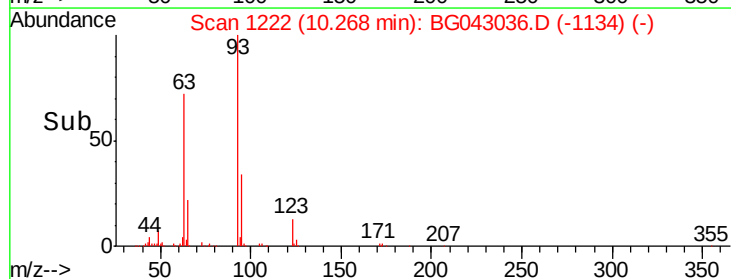
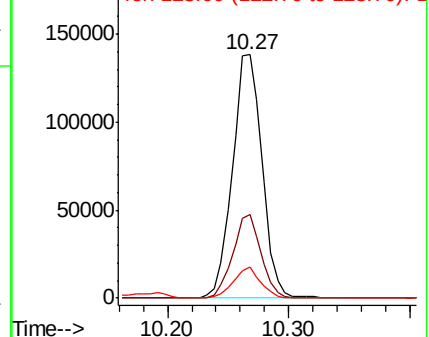
123 12.7 9.3 13.9

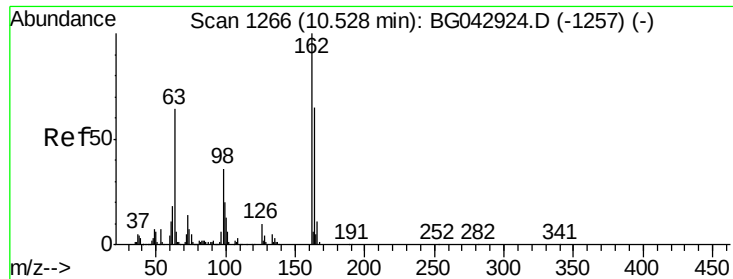


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

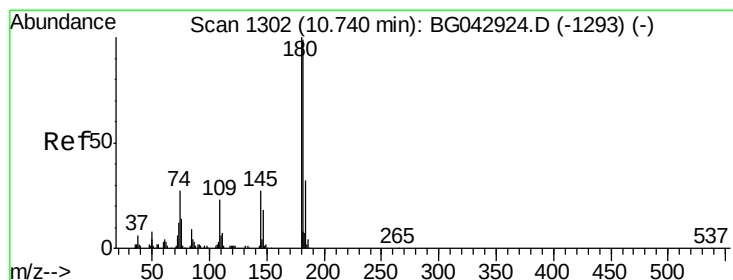
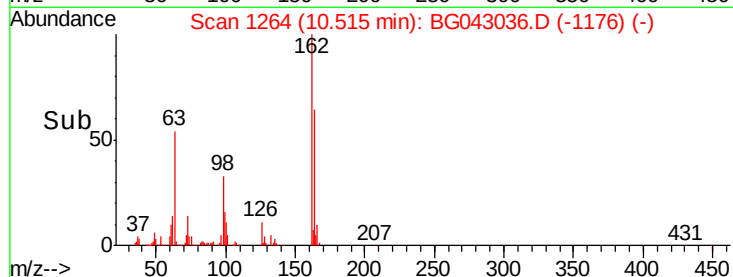
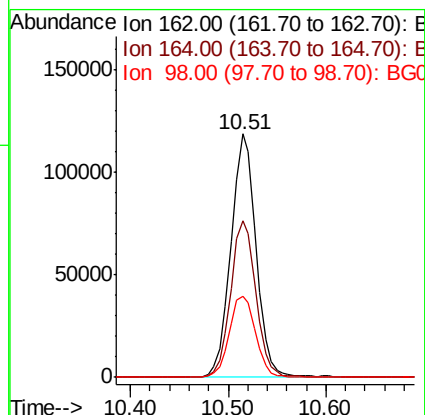
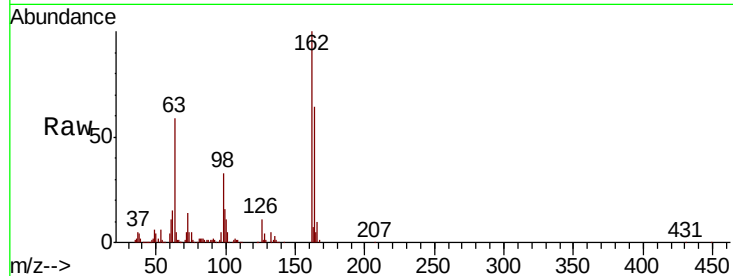




#29
 2,4-Dichlorophenol
 Concen: 50.872 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

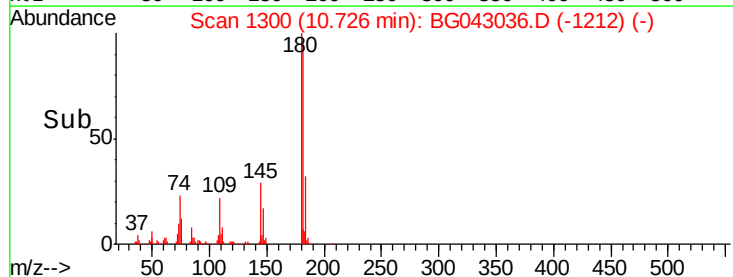
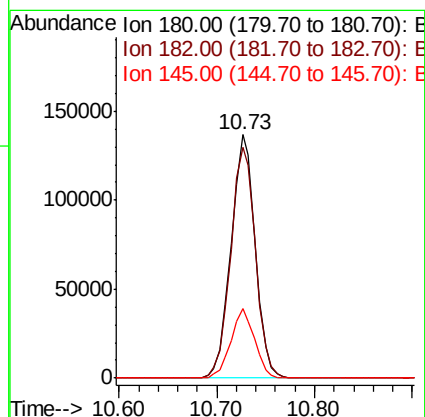
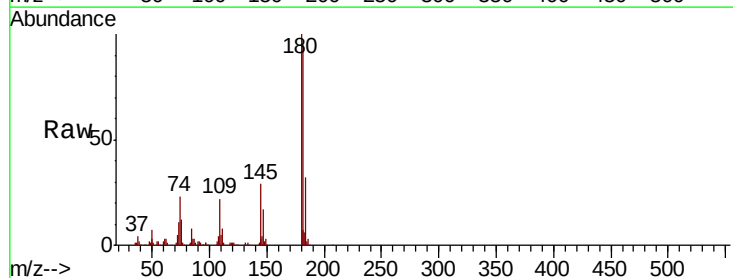
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

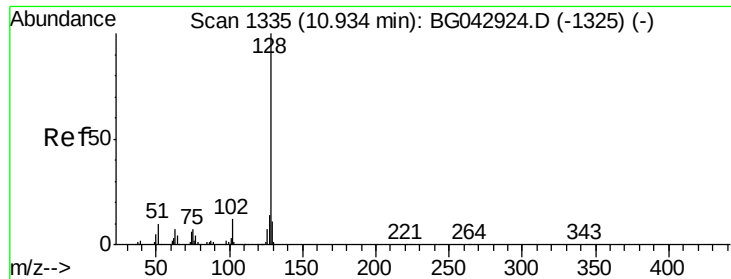
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.7	84.7
98	33.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.507 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	79.3	118.9
145	28.6	22.0	33.0

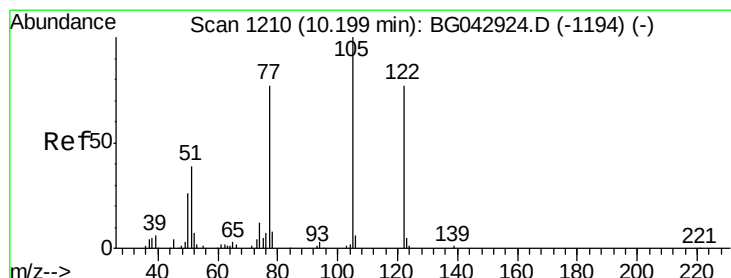
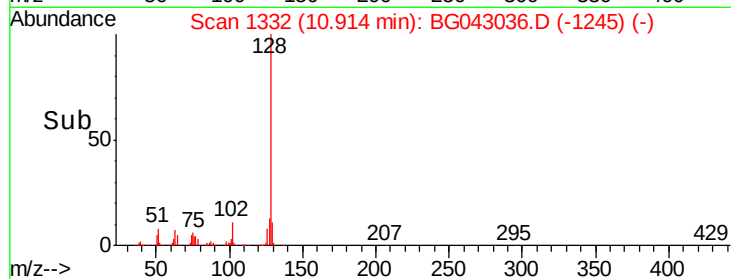
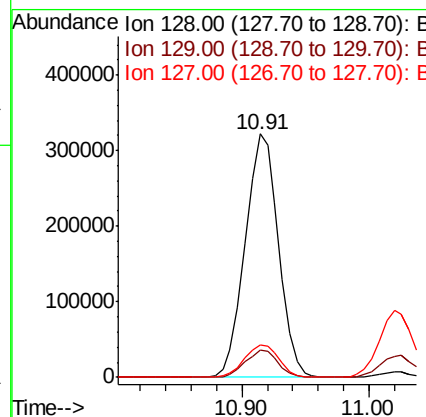
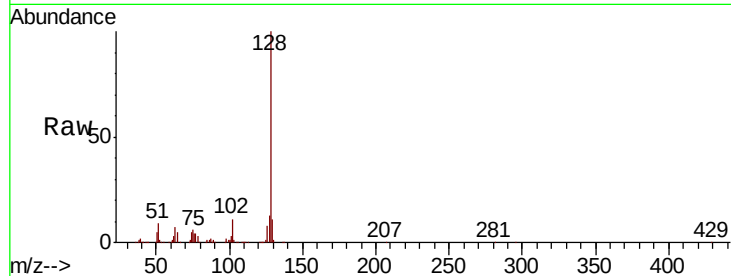




#31
Naphthalene
Concen: 45.620 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

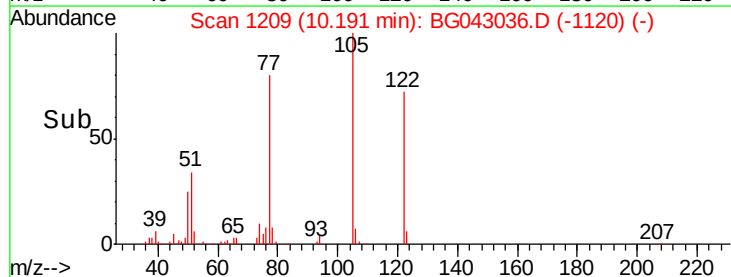
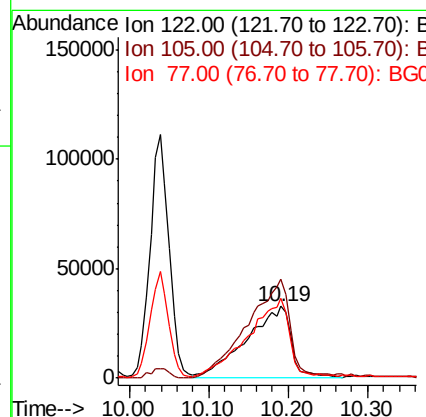
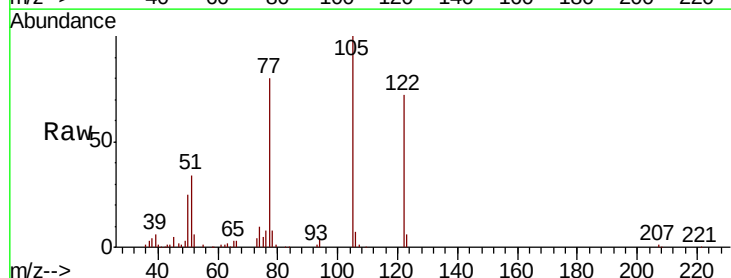
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

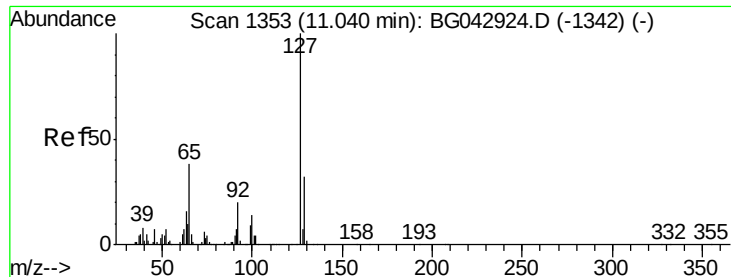
Tot Ion:128 Resp: 584959
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 11.3 16.9



#32
Benzoic acid
Concen: 49.534 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion:122 Resp: 129730
Ion Ratio Lower Upper
122 100
105 138.9 107.5 147.5
77 111.5 79.8 119.8

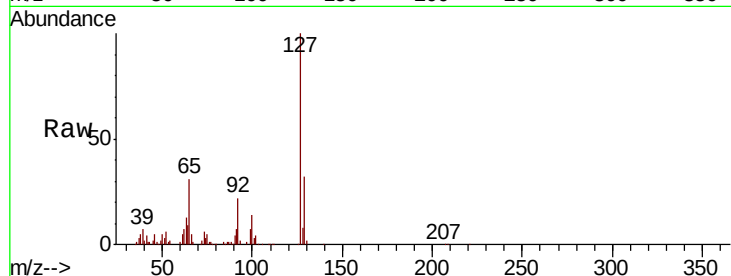




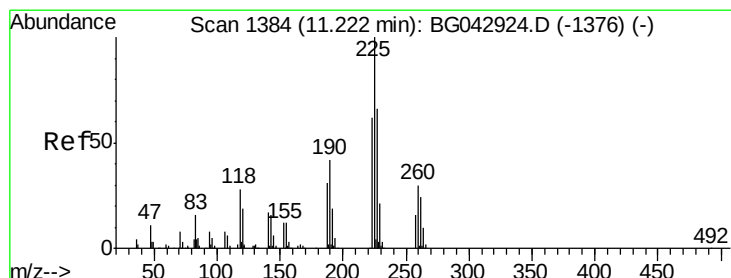
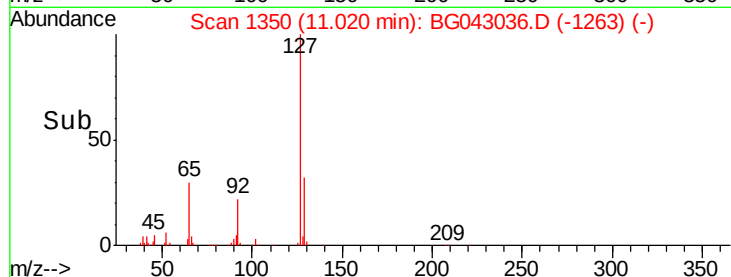
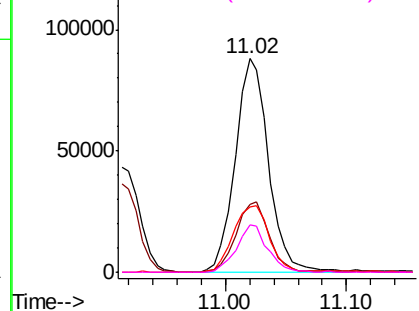
#33
4-Chloroaniline
Concen: 30.229 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:127	Resp:	168196
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.2 39.2
65	30.6	30.6 45.8
92	22.4	16.2 24.4

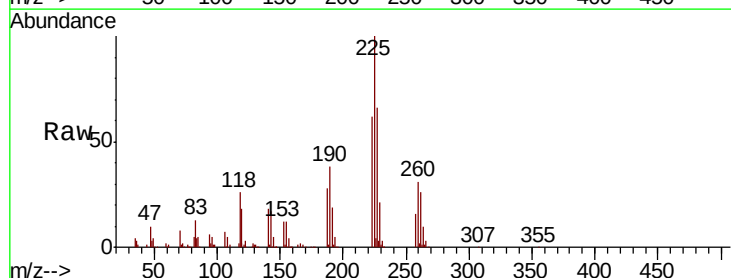


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

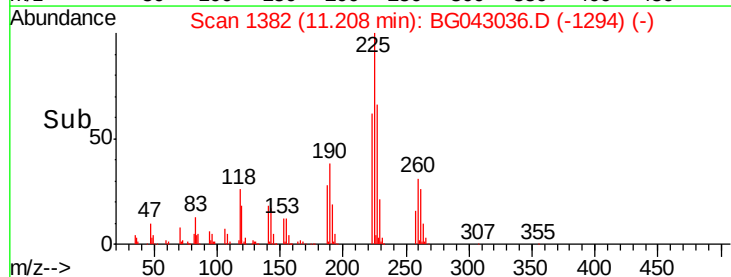
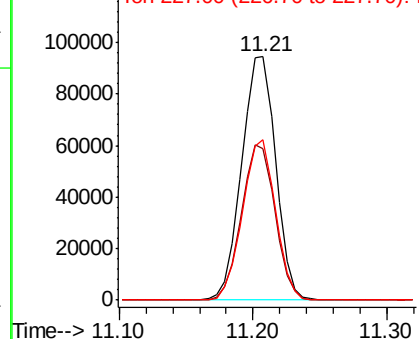


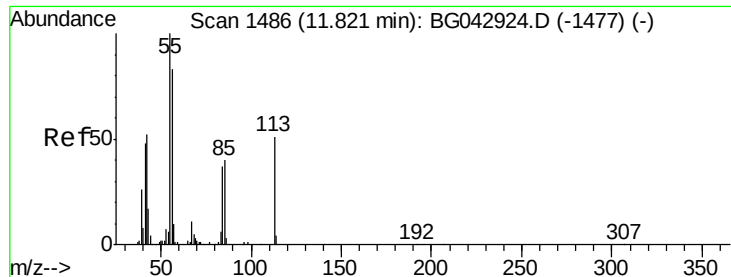
#34
Hexachlorobutadiene
Concen: 41.352 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion:225	Resp:	166183
Ion Ratio	Lower	Upper
225	100	
223	62.0	49.3 73.9
227	65.9	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: 24.373 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

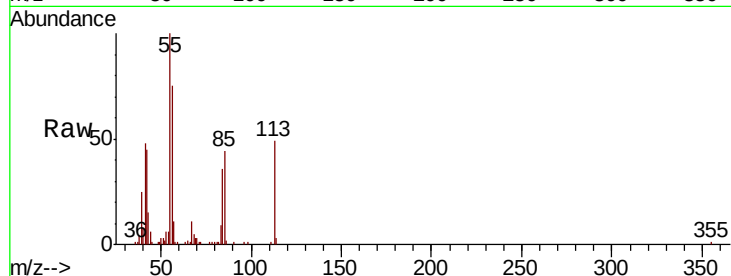
Tot Ion:113 Resp: 35724

Ion Ratio Lower Upper

113 100

55 204.5 175.5 215.5

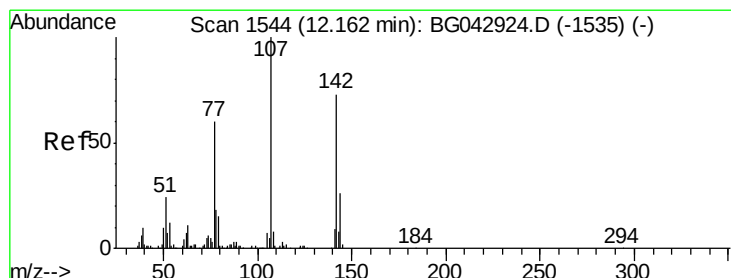
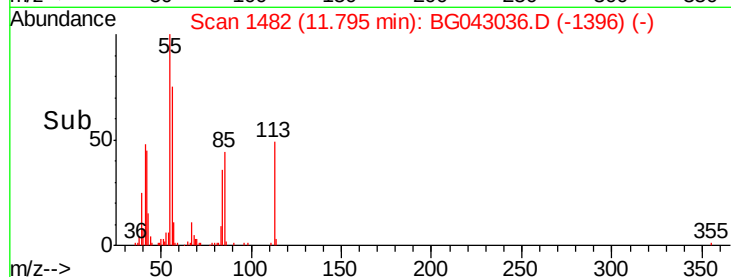
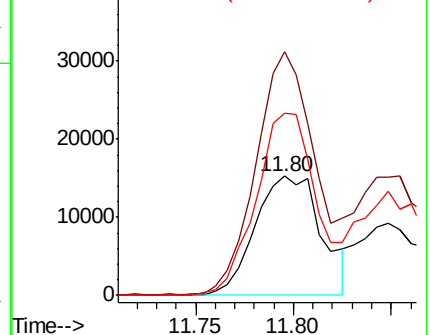
56 152.6 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.675 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

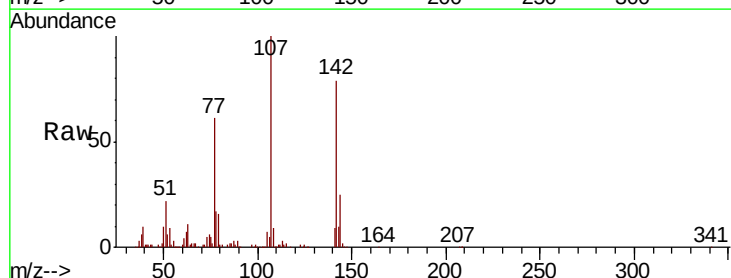
Tgt Ion:107 Resp: 219963

Ion Ratio Lower Upper

107 100

144 25.2 20.7 31.1

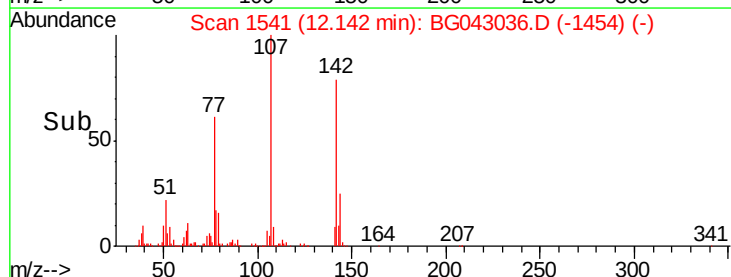
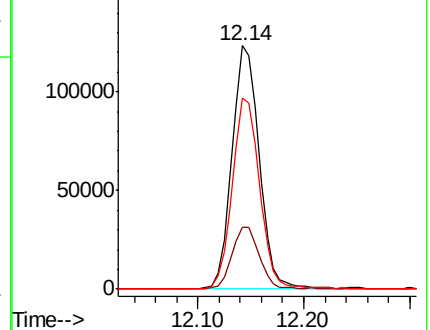
142 78.7 58.6 87.8

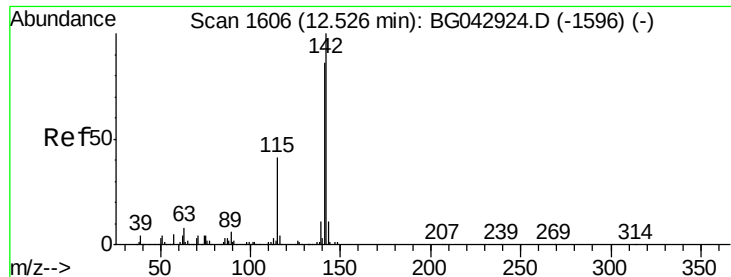


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

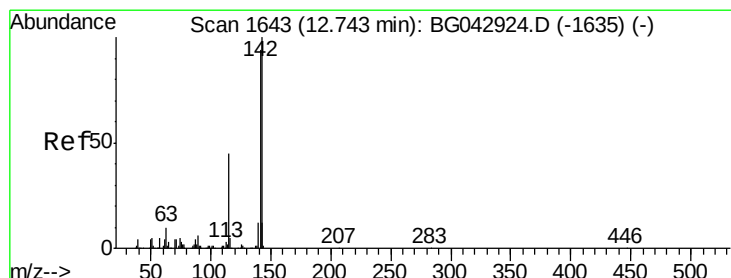
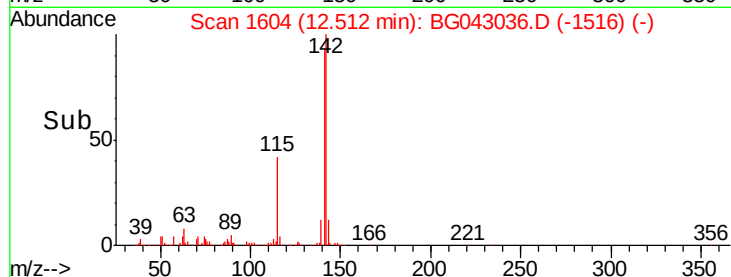
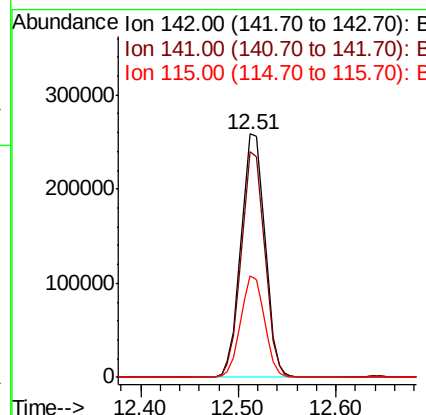
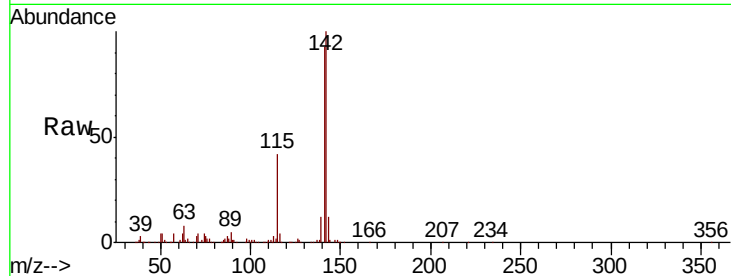




#37
2-Methylnaphthalene
Concen: 45.420 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

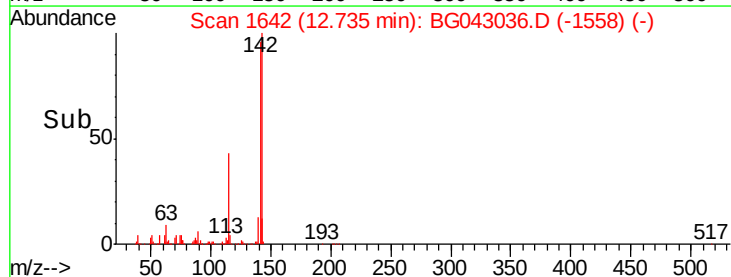
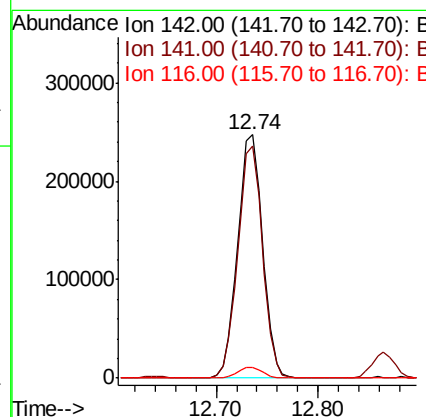
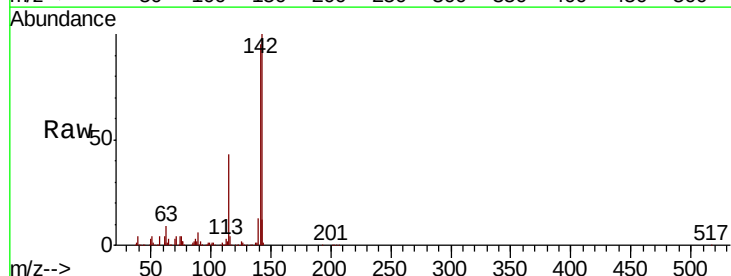
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

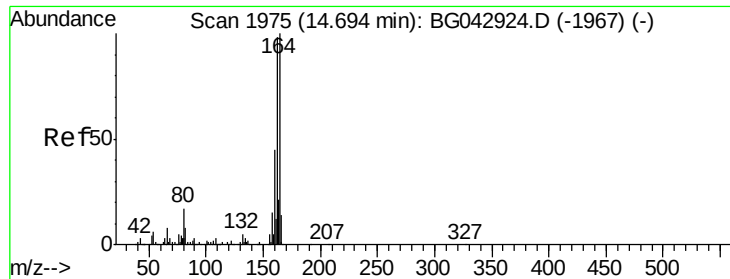
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	69.0	103.4
115	41.7	32.8	49.2



#38
1-Methylnaphthalene
Concen: 45.713 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	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. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

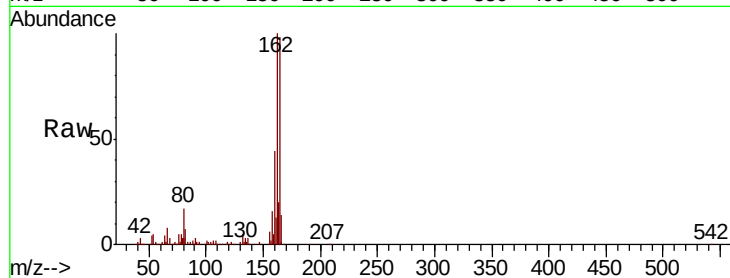
Tot Ion:164 Resp: 185782

Ion Ratio Lower Upper

164 100

162 101.8 78.5 117.7

160 45.1 35.9 53.9

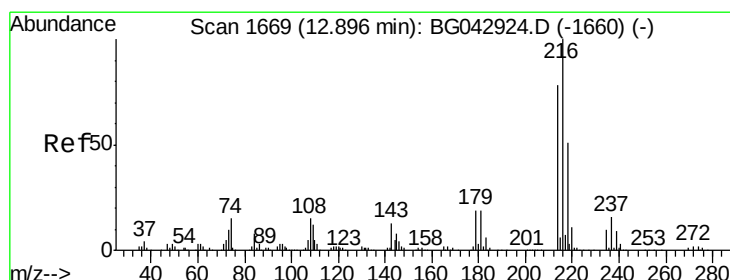
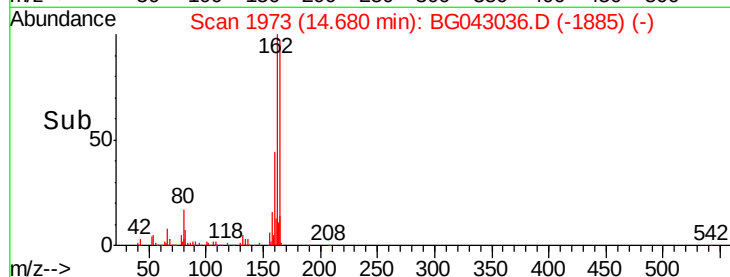
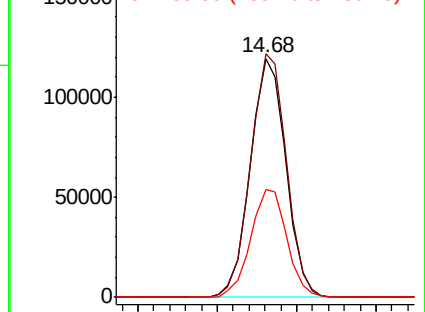


Abundance

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: 42.675 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:216 Resp: 298096

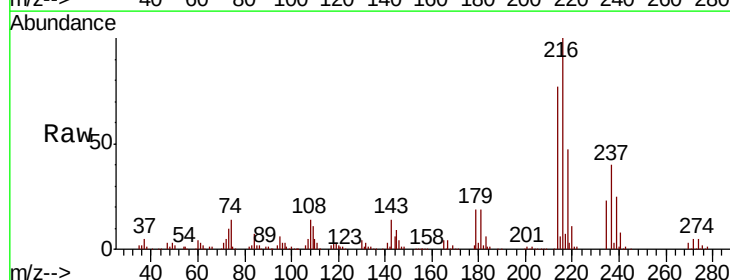
Ion Ratio Lower Upper

216 100

214 77.6 62.4 93.6

179 19.2 15.4 23.2

108 16.9 12.6 19.0



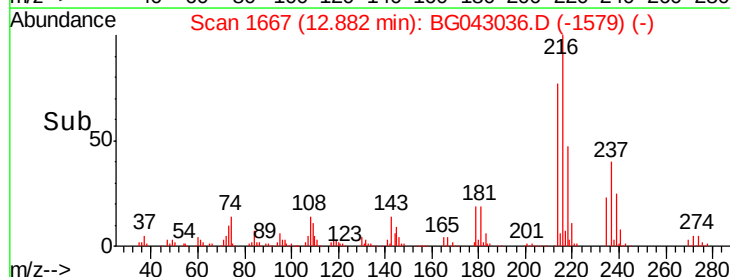
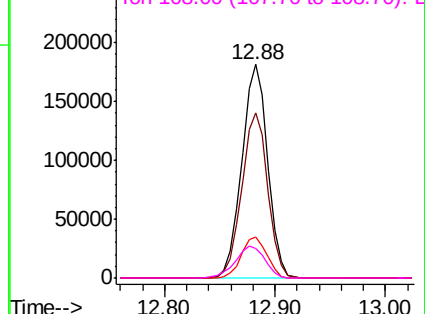
Abundance

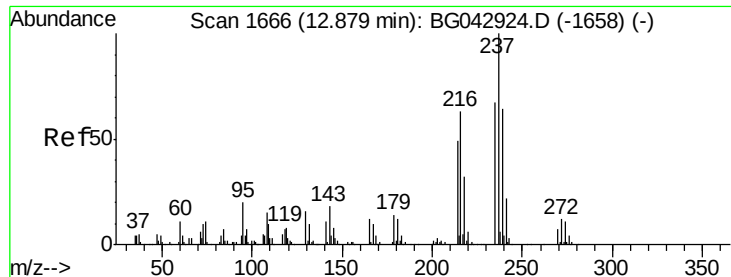
Ion 216.00 (215.70 to 216.70): E

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: 94.169 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

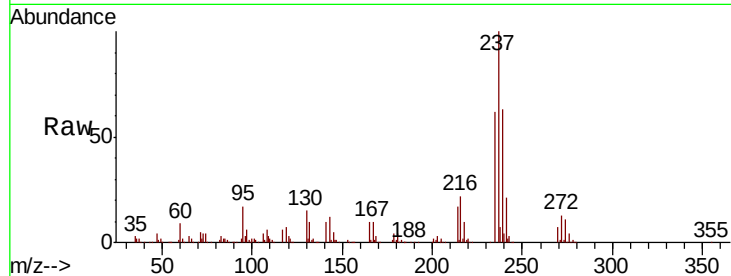
Instrument :

BNA_G

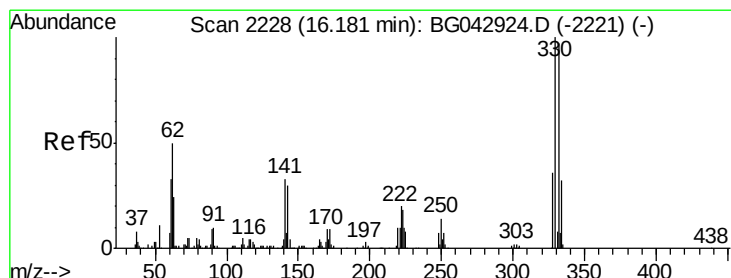
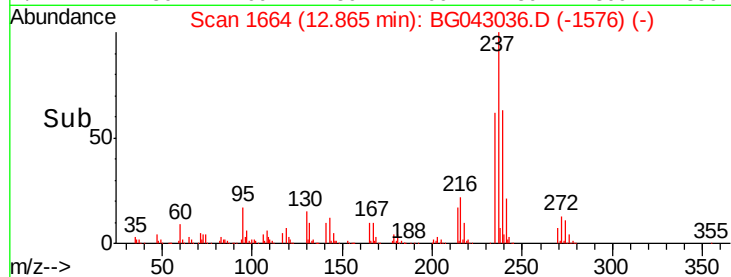
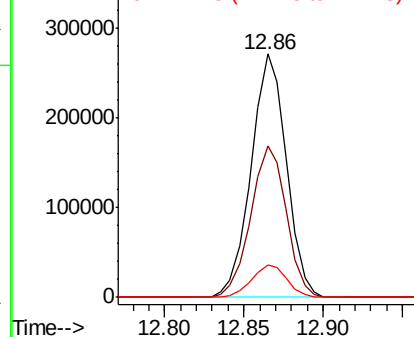
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:	237	Resp:	419117
Ion	Ratio	Lower	Upper
237	100		
235	62.3	46.7	86.7
272	13.5	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: 112.603 ng

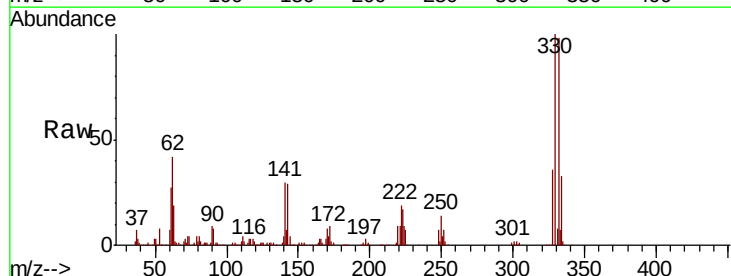
RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

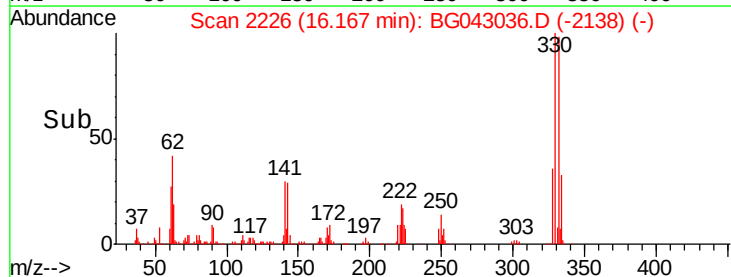
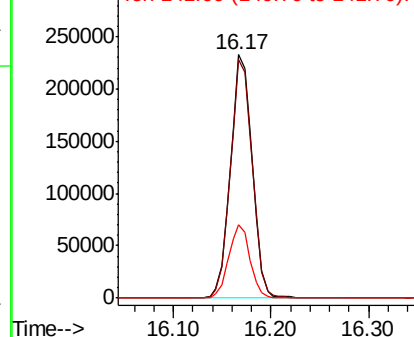
Lab File: BG043036.D

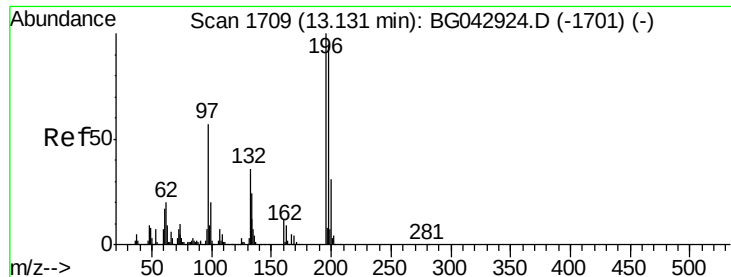
Acq: 4 Oct 2019 20:12

Tgt Ion:	330	Resp:	359727
Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.2	117.2
141	29.6	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: 48.505 ng

RT: 13.12 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

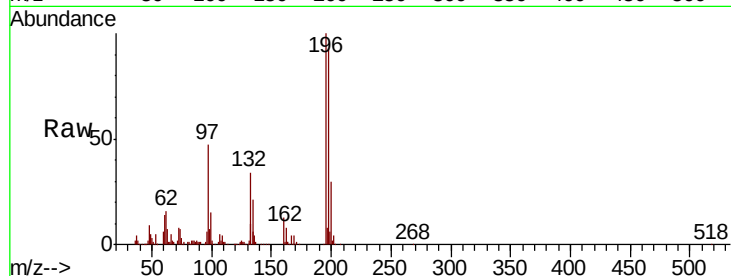
Tot Ion:196 Resp: 198312

Ion Ratio Lower Upper

196 100

198 93.1 75.5 113.3

200 30.3 24.9 37.3

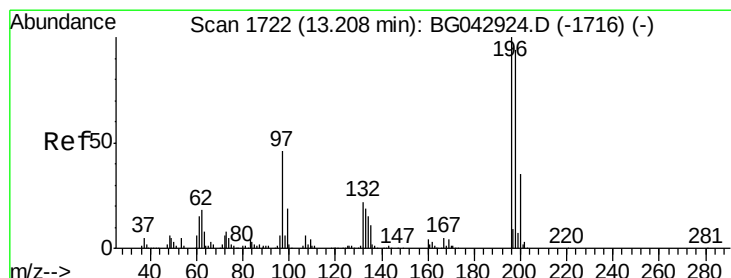
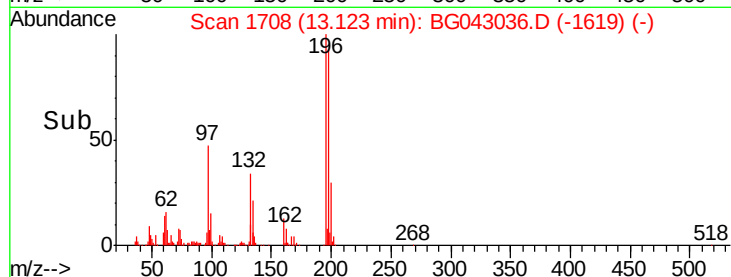
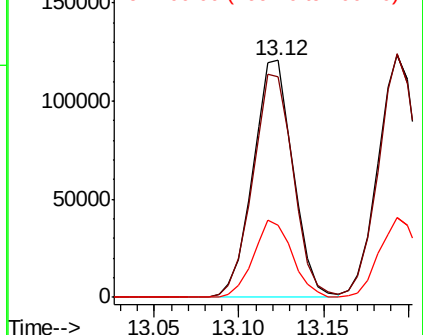


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 49.487 ng

RT: 13.19 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:196 Resp: 208427

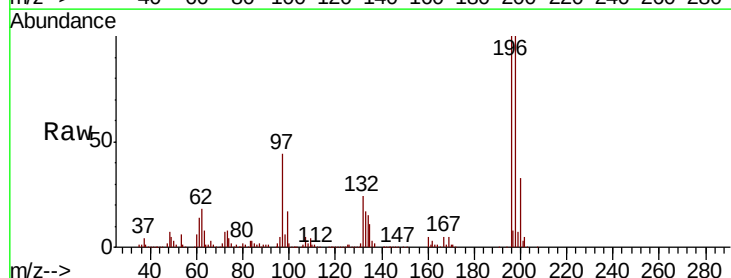
Ion Ratio Lower Upper

196 100

198 100.3 75.1 112.7

97 44.3 37.0 55.4

132 23.8 17.5 26.3



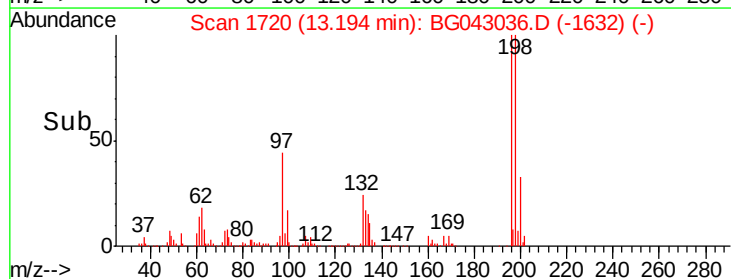
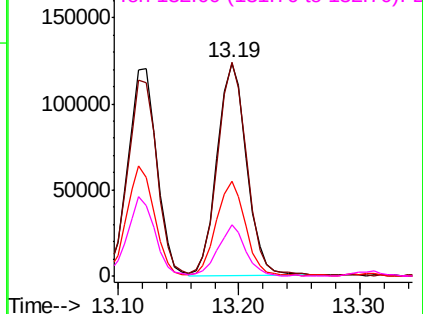
Abundance

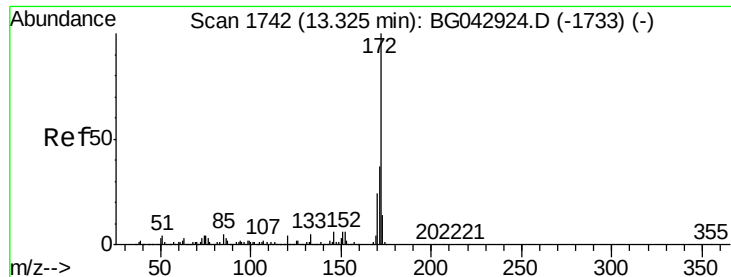
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

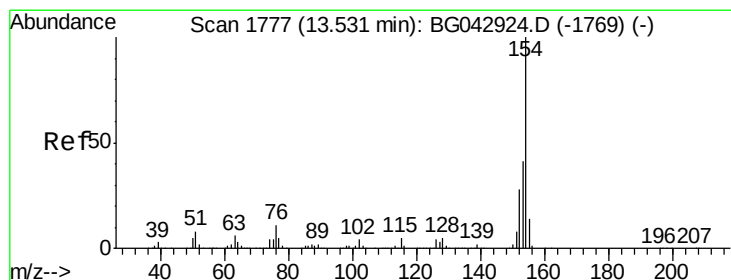
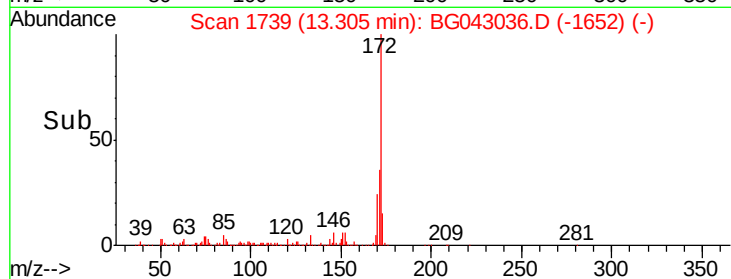
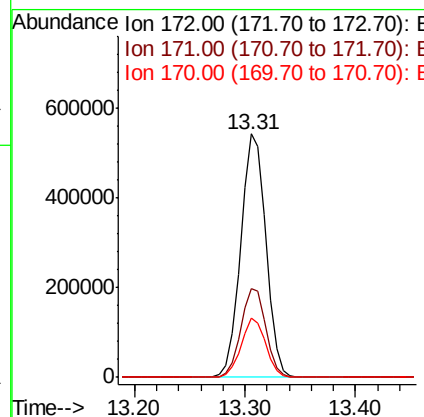
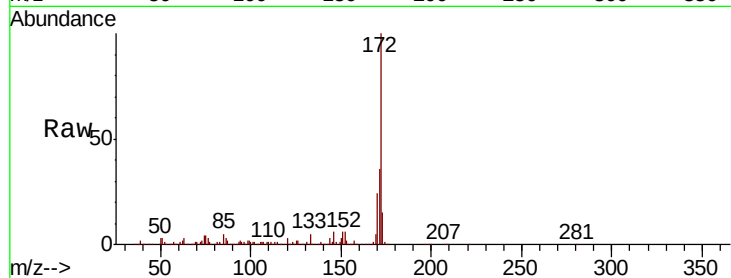




#45
2-Fluorobiphenyl
Concen: 67.820 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

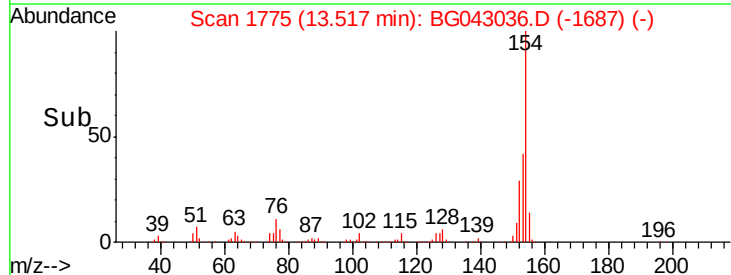
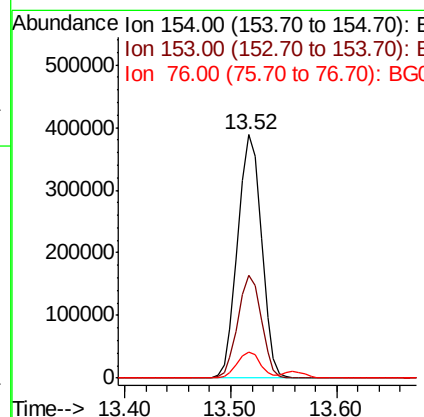
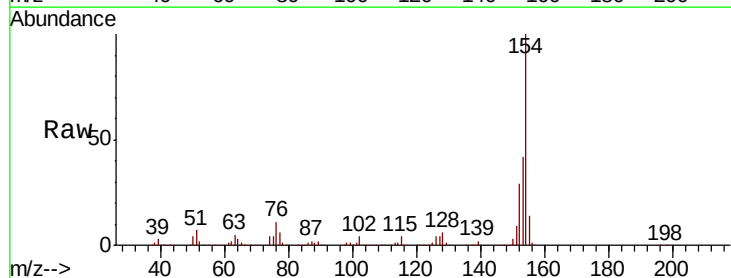
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

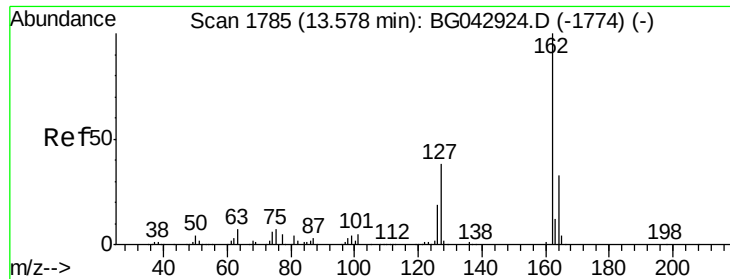
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	19.6	29.4



#46
1,1'-Biphenyl
Concen: 42.966 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.4	61.4
76	10.8	0.0	31.3

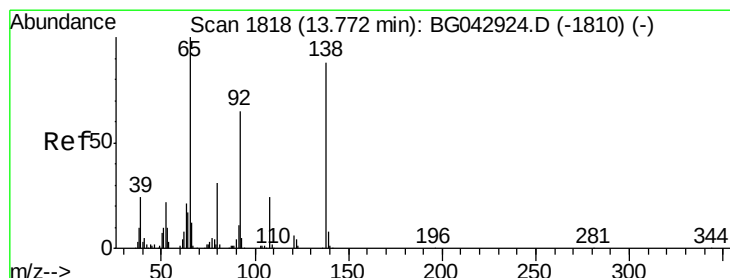
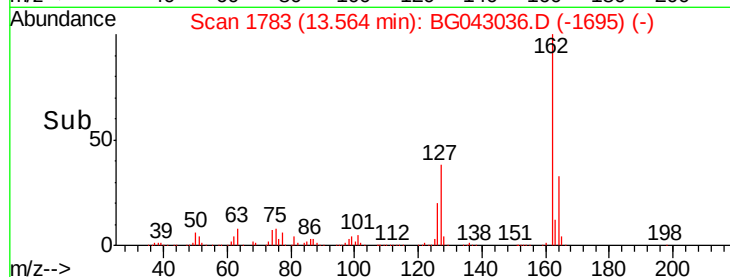
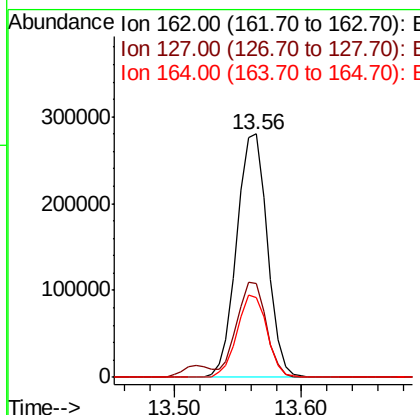
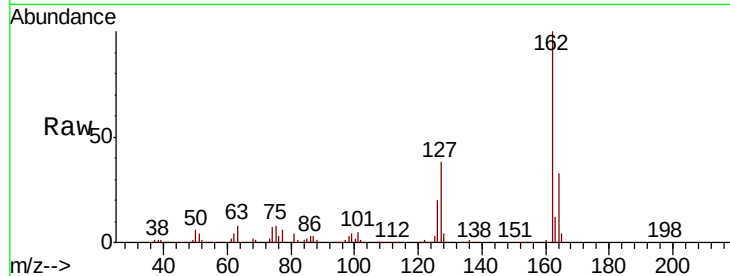




#47
2-Chloronaphthalene
Concen: 44.420 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

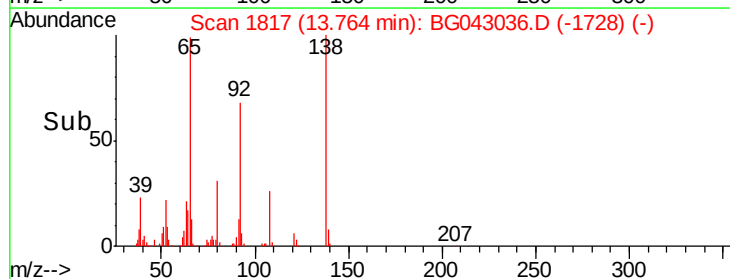
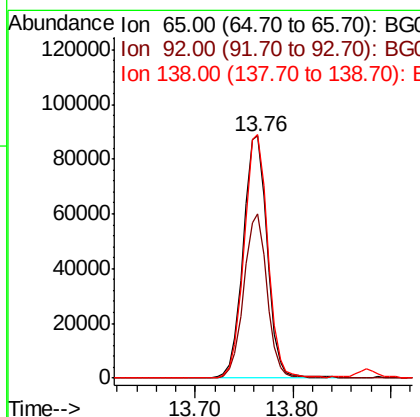
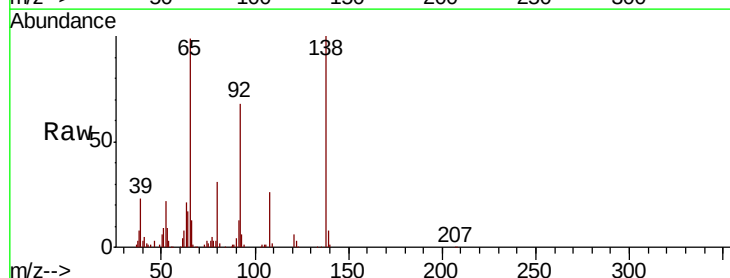
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

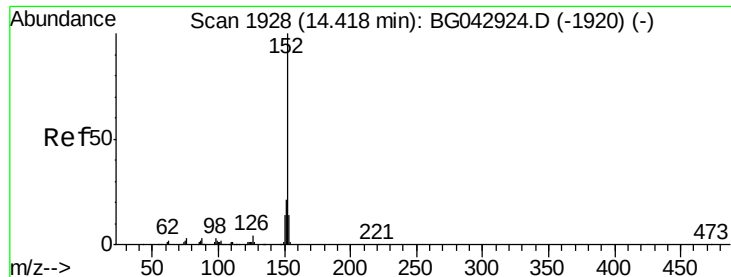
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	32.9	26.2	39.2



#48
2-Nitroaniline
Concen: 43.231 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	52.0	78.0
138	100.7	70.4	105.6





#49

Acenaphthylene

Concen: 46.842 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

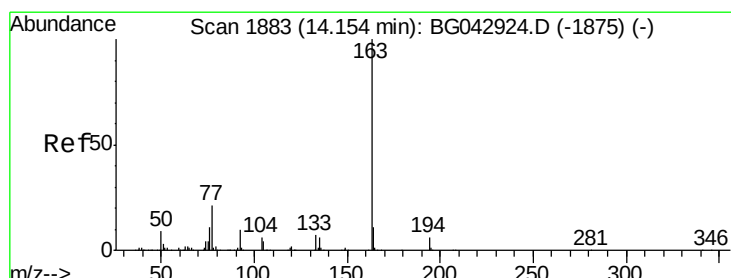
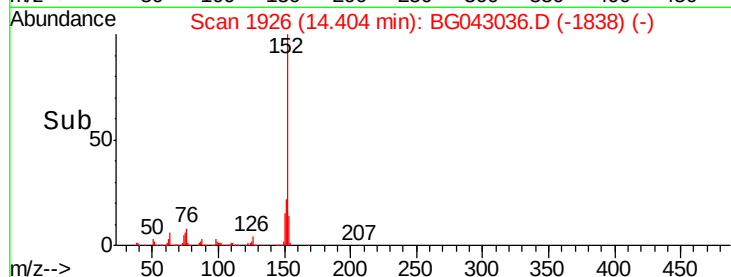
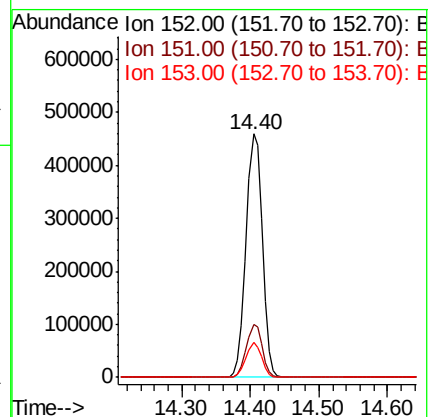
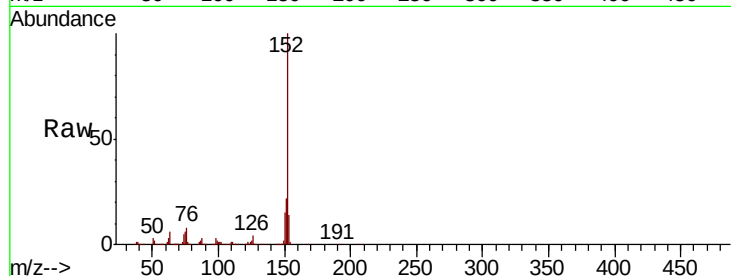
Tot Ion:152 Resp: 757108

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

153 14.1 11.3 16.9



#50

Dimethylphthalate

Concen: 54.350 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

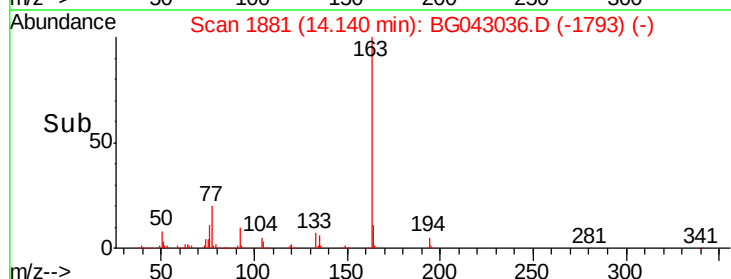
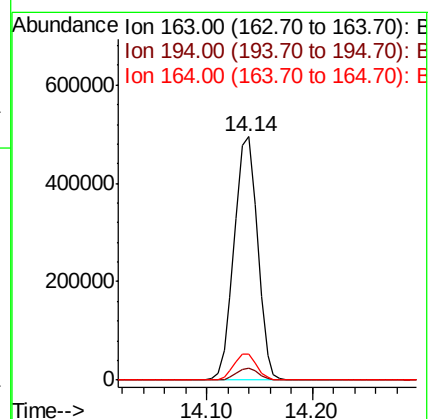
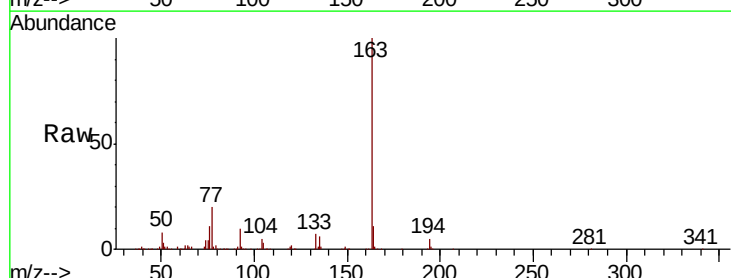
Tgt Ion:163 Resp: 756552

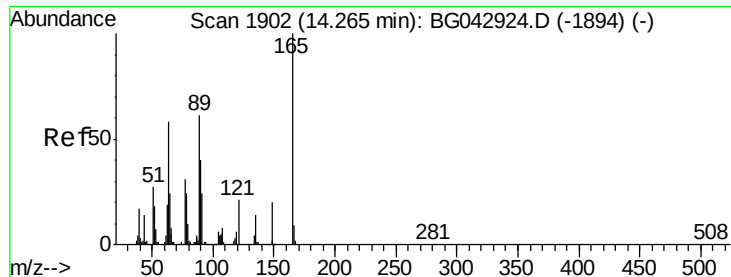
Ion Ratio Lower Upper

163 100

194 5.1 4.4 6.6

164 10.6 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 48.120 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

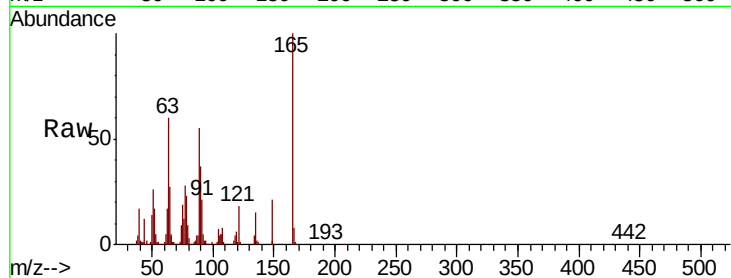
Tot Ion:165 Resp: 142646

Ion Ratio Lower Upper

165 100

63 59.7 50.3 75.5

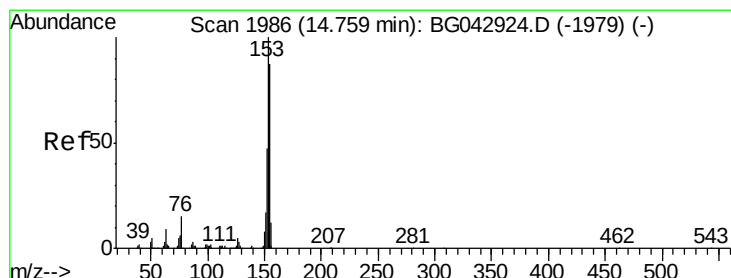
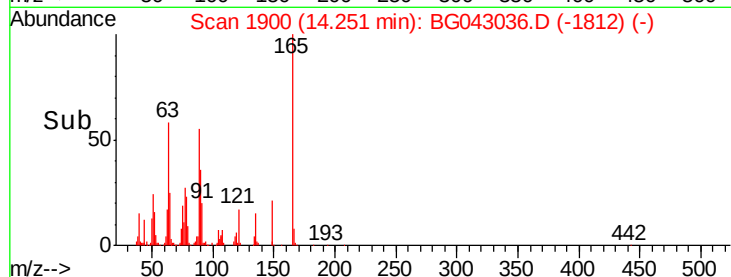
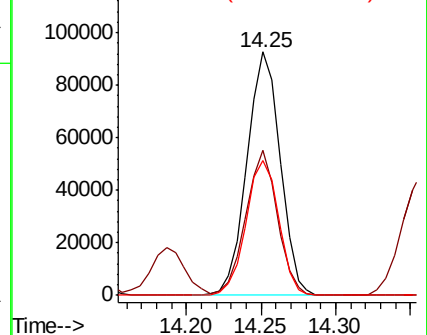
89 55.3 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.631 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

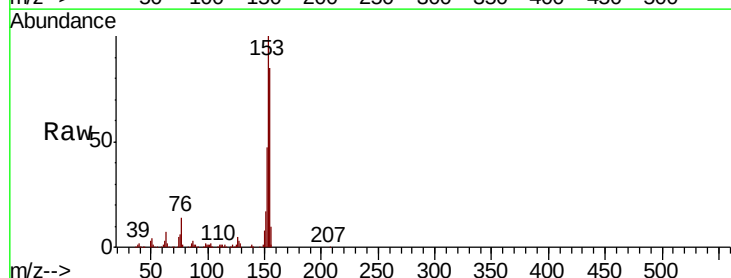
Tgt Ion:154 Resp: 472024

Ion Ratio Lower Upper

154 100

153 117.1 91.4 137.0

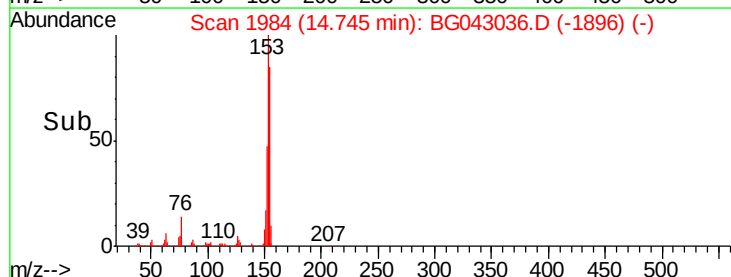
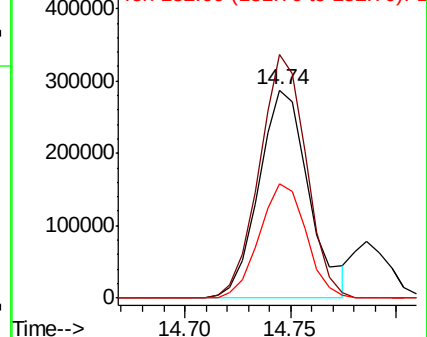
152 54.9 42.8 64.2

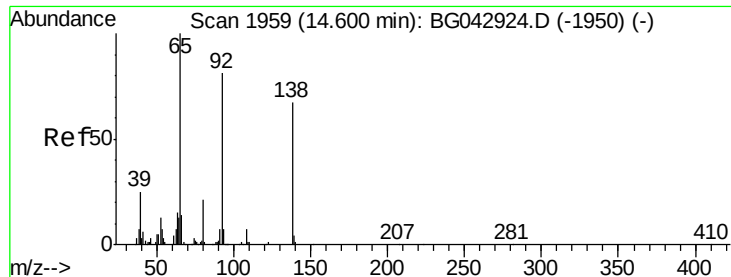


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.345 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

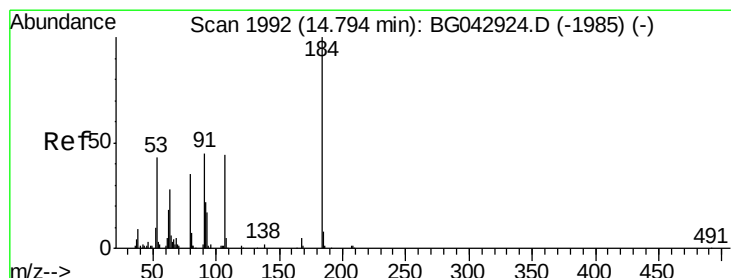
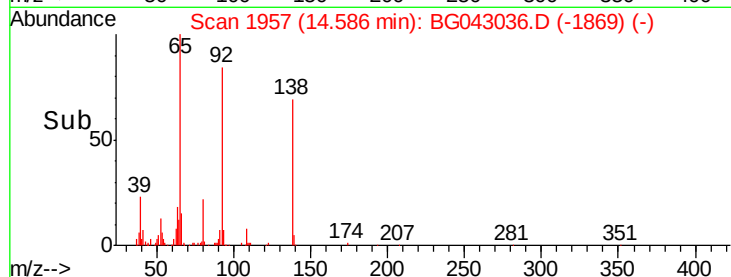
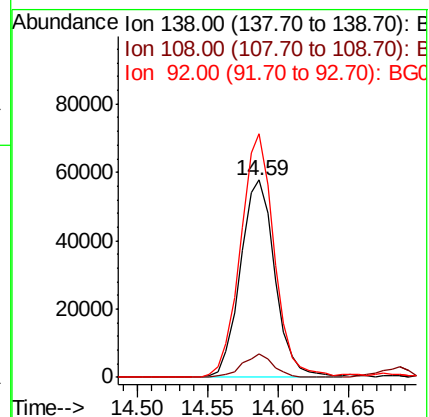
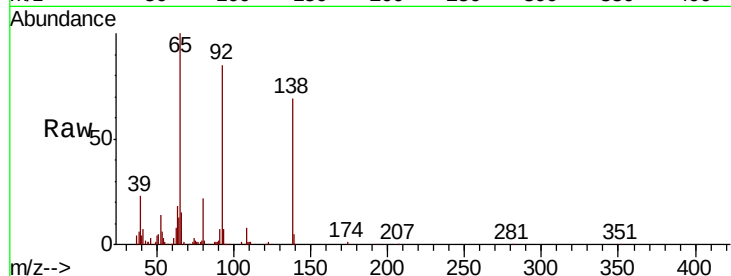
Tot Ion:138 Resp: 99090

Ion Ratio Lower Upper

138 100

108 11.8 7.9 11.9

92 123.5 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 98.268 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

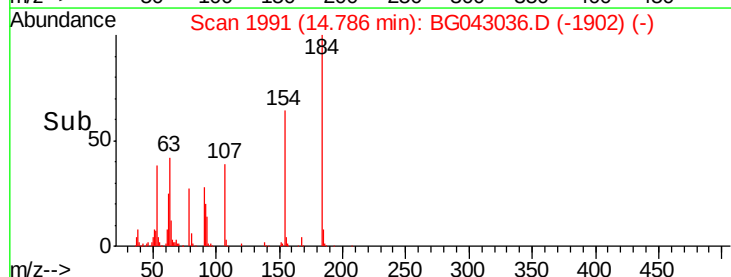
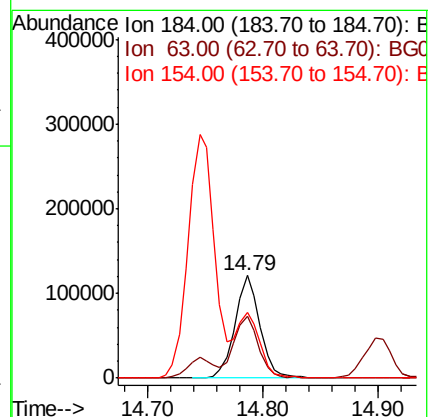
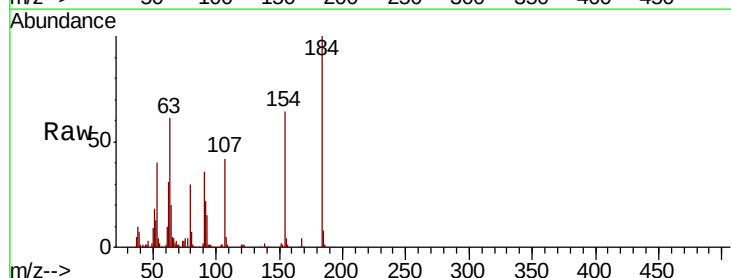
Tgt Ion:184 Resp: 181067

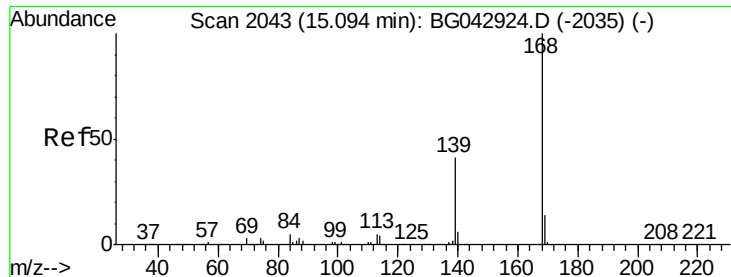
Ion Ratio Lower Upper

184 100

63 60.8 55.0 82.6

154 64.4 56.5 84.7

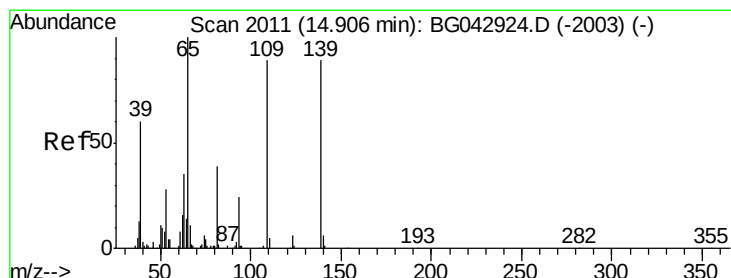
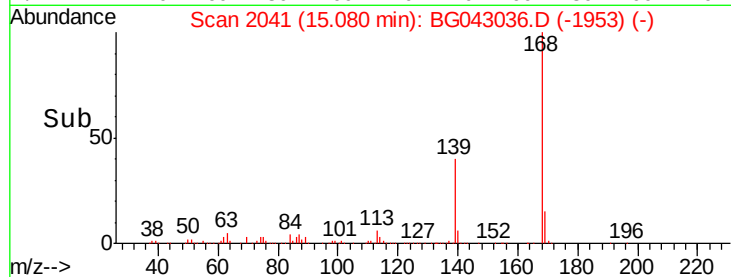
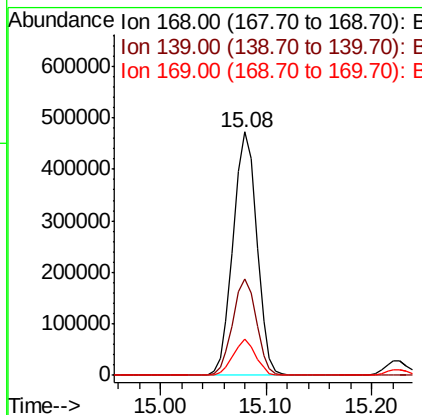
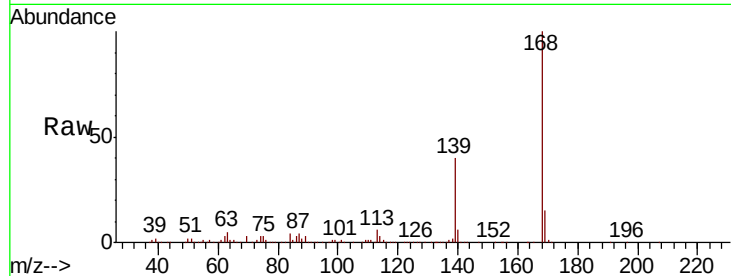




#55
Dibenzenofuran
Concen: 45.715 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

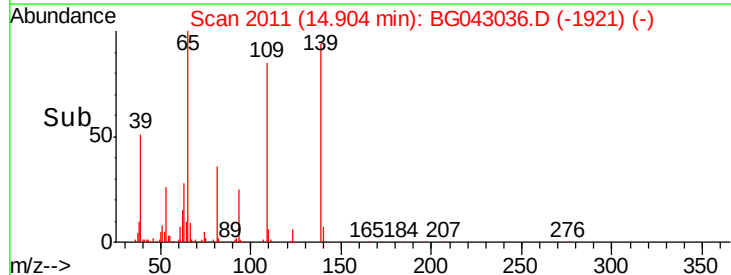
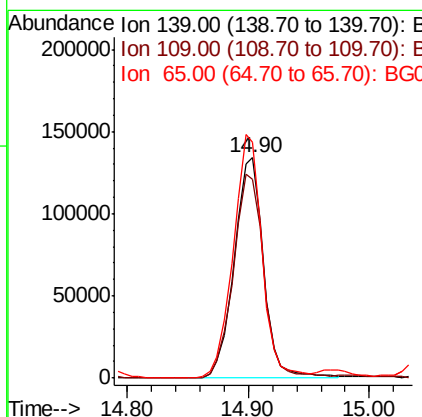
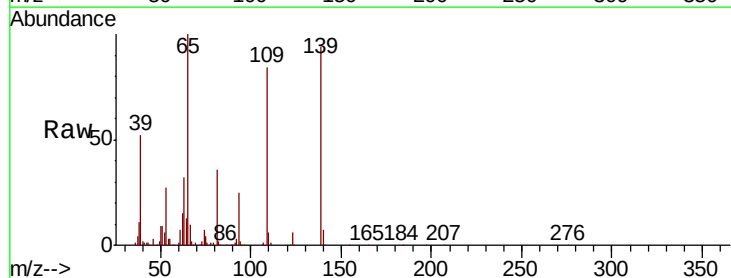
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

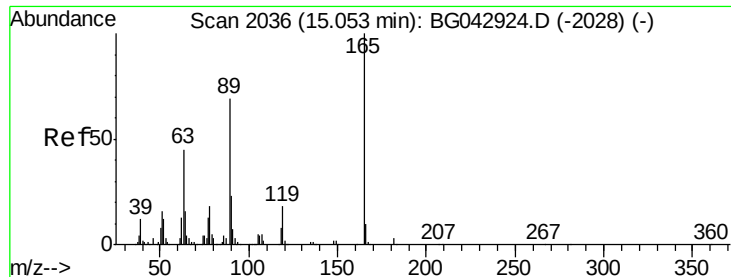
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.6	48.8
169	14.6	11.2	16.8



#56
4-Nitrophenol
Concen: 97.804 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.3	79.4	119.4
65	106.9	92.5	132.5

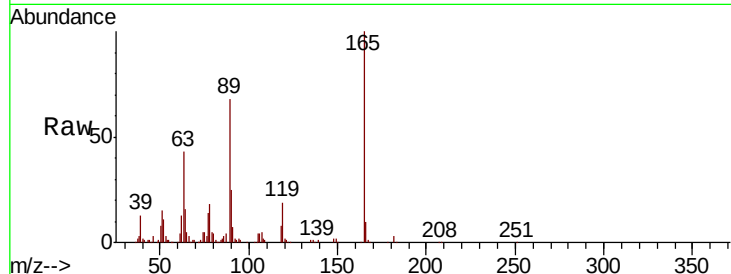




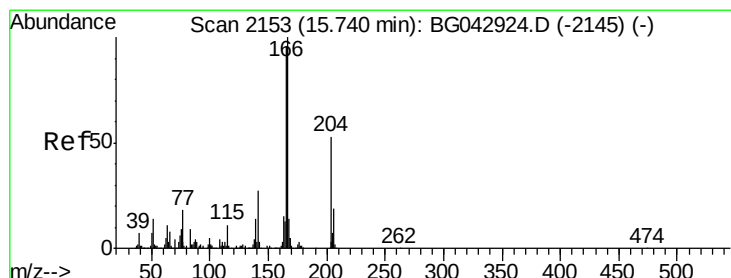
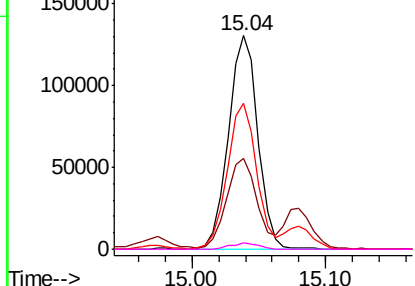
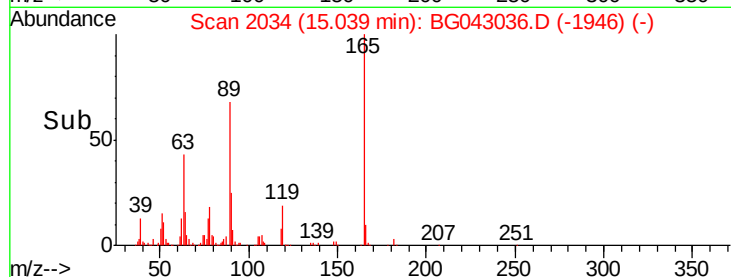
#57
 2,4-Dinitrotoluene
 Concen: 46.307 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion:165	Resp:	201021
Ion	Ratio	Lower Upper
165	100	
63	42.7	36.5 54.7
89	68.4	55.5 83.3
182	2.8	2.4 3.6

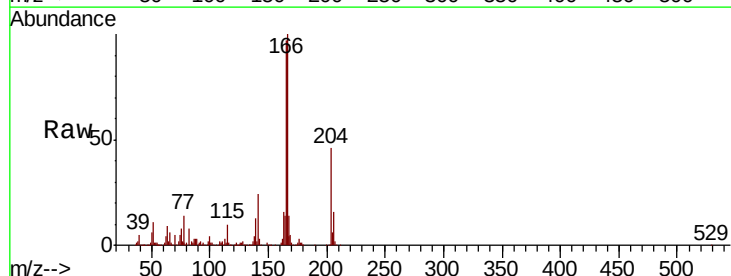


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

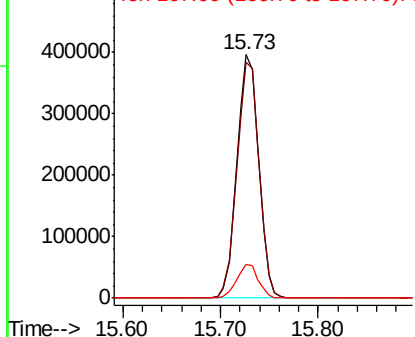
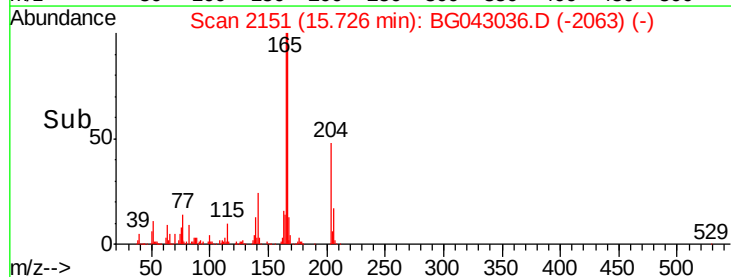


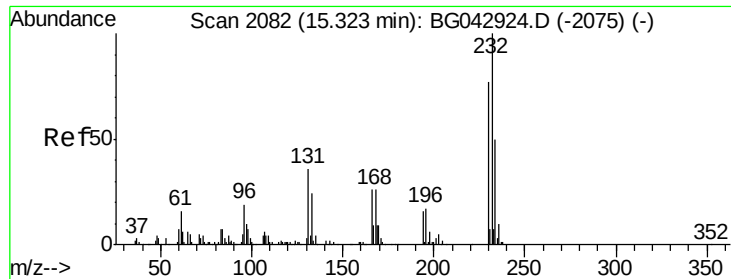
#58
 Fluorene
 Concen: 44.995 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion:166	Resp:	614783
Ion	Ratio	Lower Upper
166	100	
165	97.0	77.1 115.7
167	13.7	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

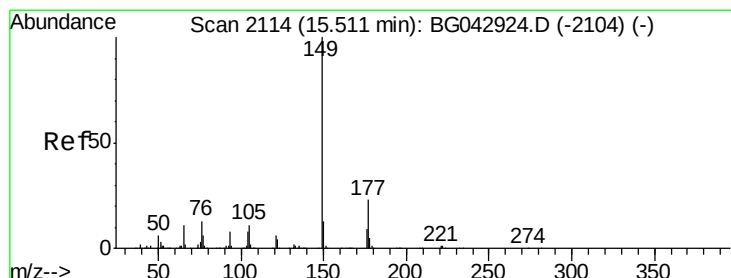
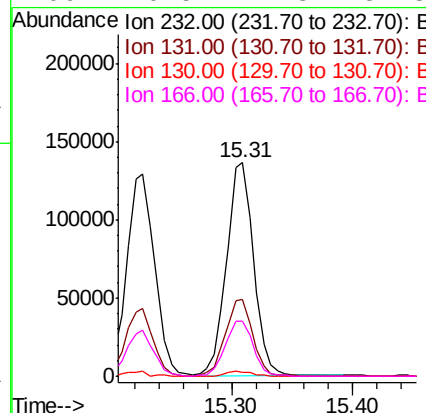
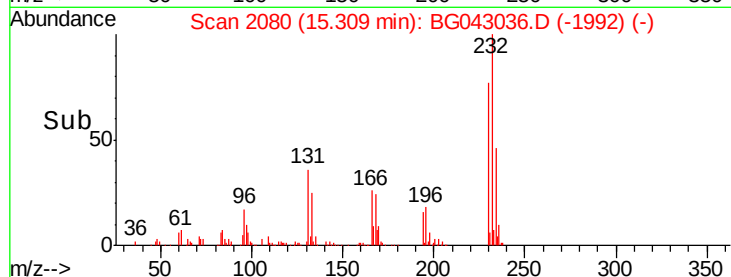
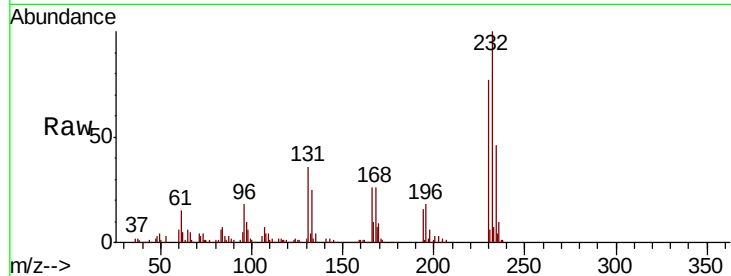




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.288 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

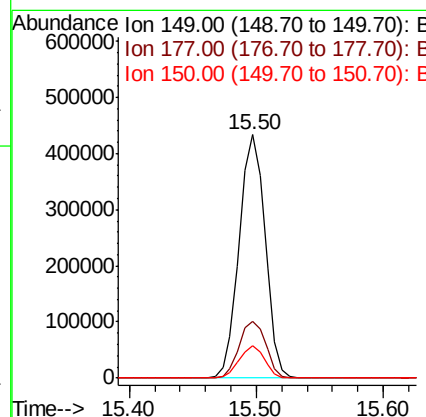
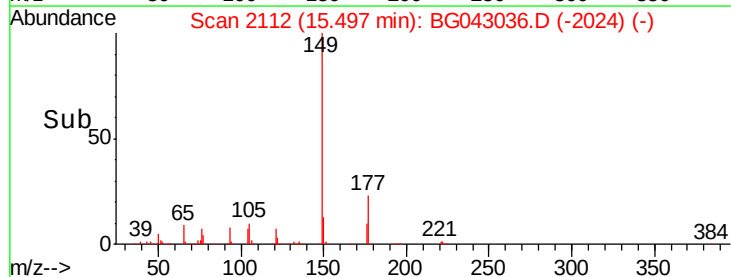
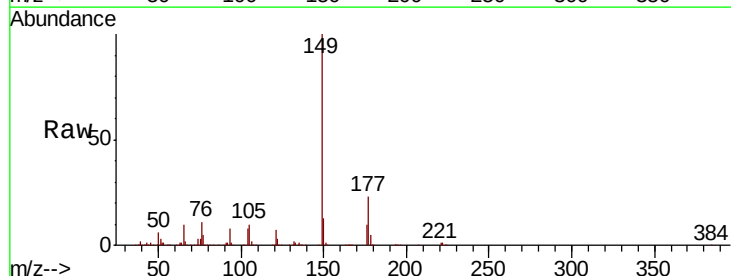
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

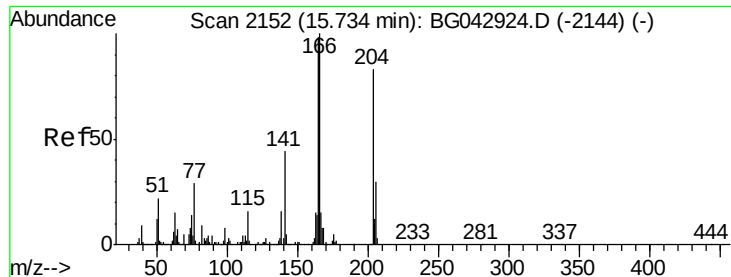
Tot Ion:	232	Resp:	212061
Ion	Ratio	Lower	Upper
232	100		
131	35.7	29.6	44.4
130	2.2	1.9	2.9
166	26.5	21.8	32.8



#60
 Diethylphthalate
 Concen: 43.282 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion:	149	Resp:	613155
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.8	28.2
150	13.1	10.6	15.8

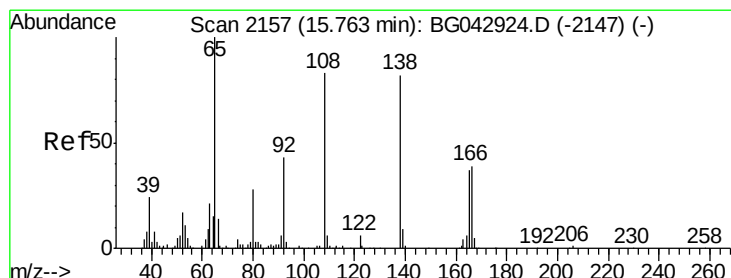
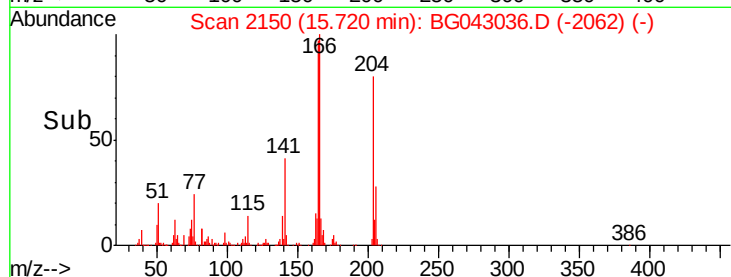
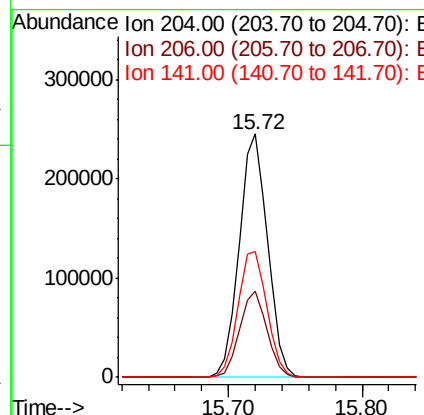
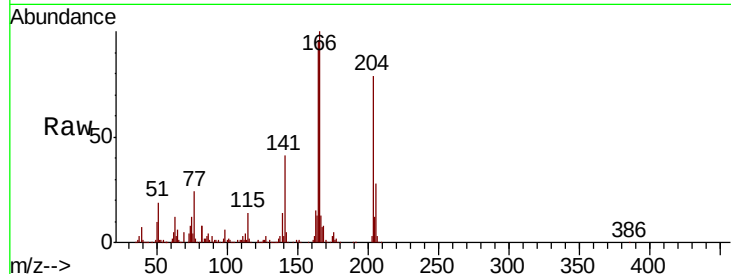




#61
 4-Chlorophenyl-phenylether
 Concen: 44.014 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

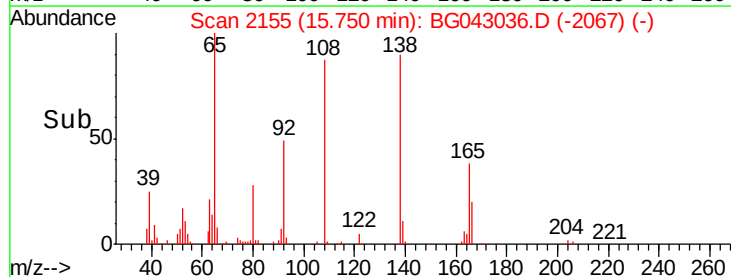
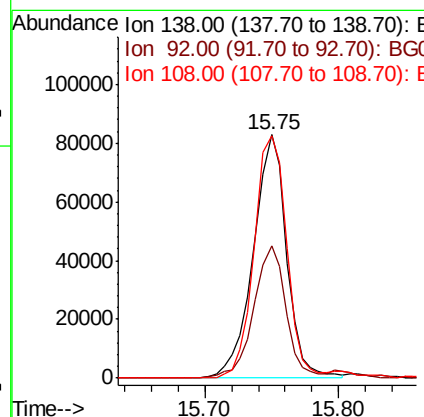
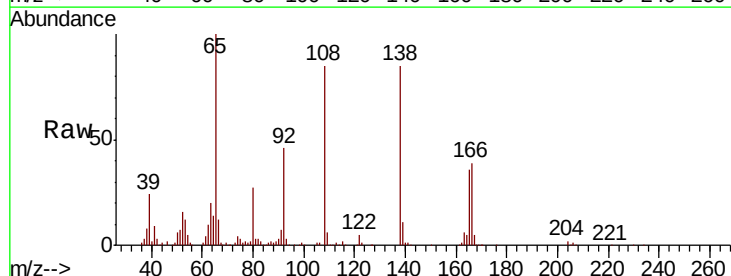
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

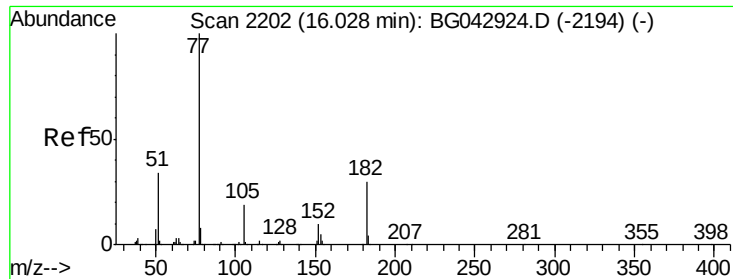
Tot Ion:204 Resp: 360668
 Ion Ratio Lower Upper
 204 100
 206 35.5 28.5 42.7
 141 51.5 42.4 63.6



#62
 4-Nitroaniline
 Concen: 42.542 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion:138 Resp: 142138
 Ion Ratio Lower Upper
 138 100
 92 54.1 32.9 72.9
 108 99.5 81.3 121.3





#63

Azobenzene

Concen: 42.270 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion: 77 Resp: 545183

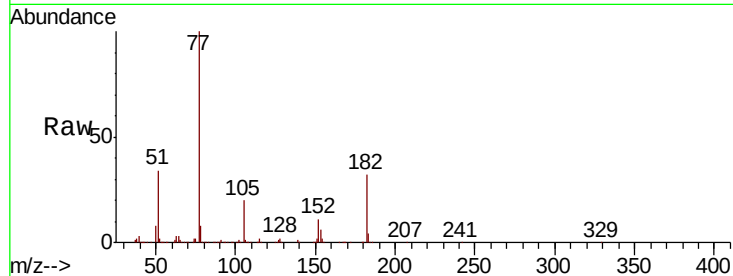
Ion	Ratio	Lower	Upper
77	100		
182	32.3	10.2	50.2
105	20.3	0.0	39.1
51	34.3	13.9	53.9

77 100

182 32.3 10.2 50.2

105 20.3 0.0 39.1

51 34.3 13.9 53.9

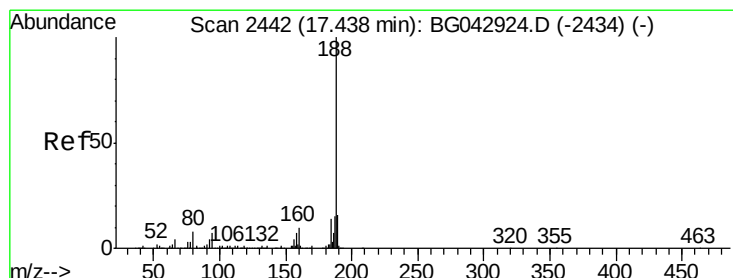
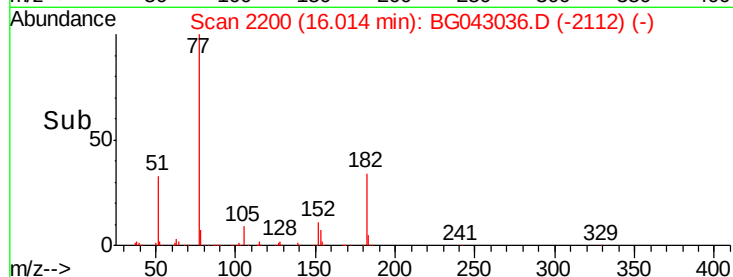
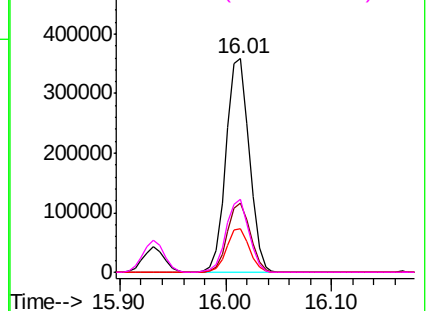


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043036.D

Acq: 4 Oct 2019 20:12

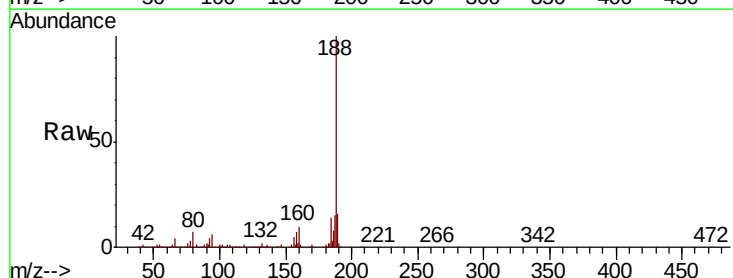
Tgt Ion: 188 Resp: 431140

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	7.3	6.5	9.7

188 100

94 5.6 5.7 8.5#

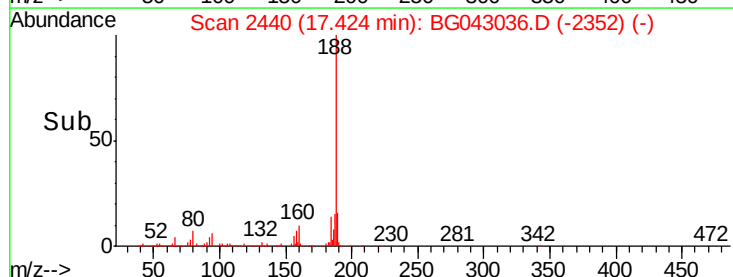
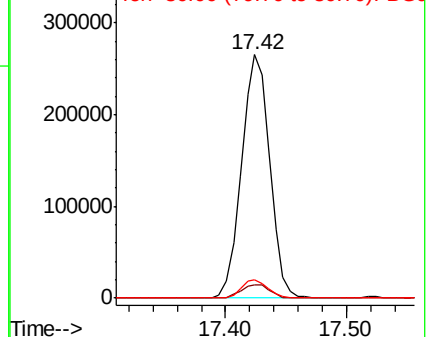
80 7.3 6.5 9.7

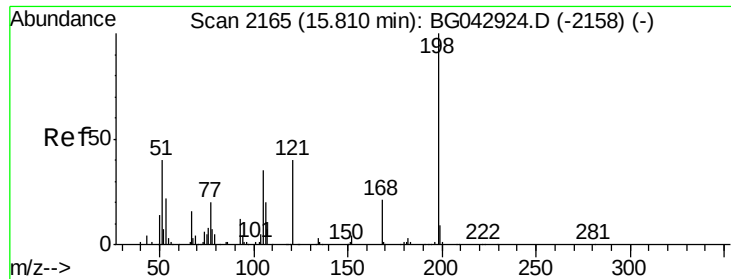


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 51.621 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

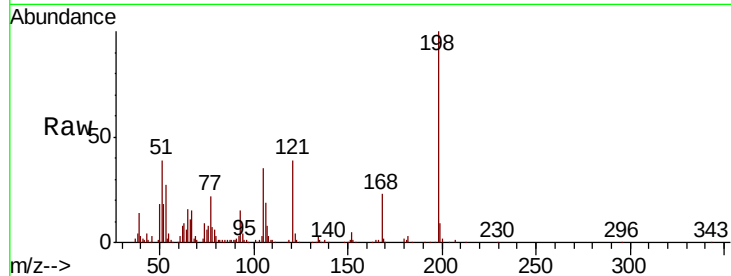
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:198 Resp: 125939

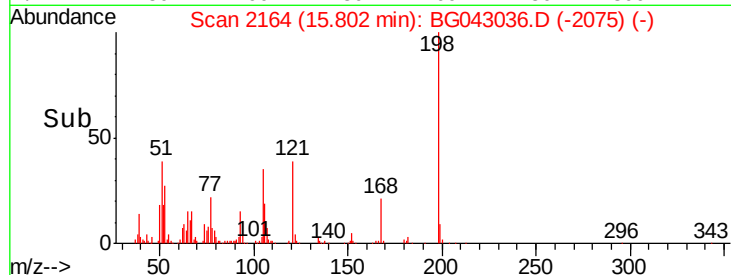
Ion	Ratio	Lower	Upper
198	100		
51	38.6	25.3	65.3
105	35.3	16.6	56.6



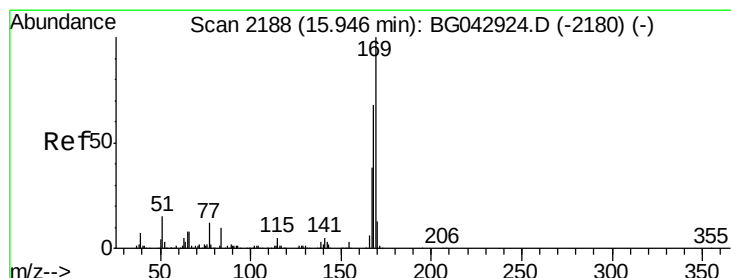
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time--> 15.70 15.80 15.90



#66

n-Nitrosodiphenylamine

Concen: 48.501 ng

RT: 15.93 min Scan# 2186

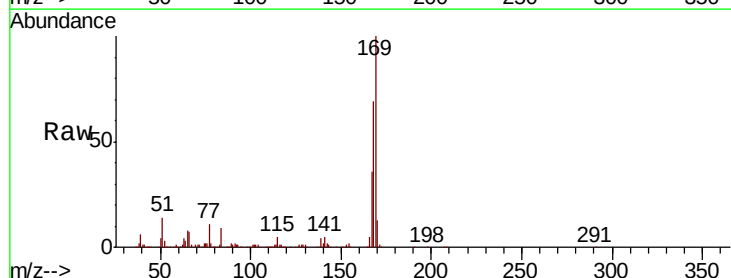
Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:169 Resp: 552017

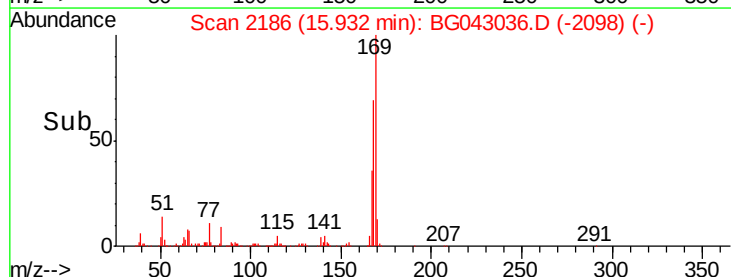
Ion	Ratio	Lower	Upper
169	100		
168	69.3	54.8	82.2
167	36.2	30.6	46.0



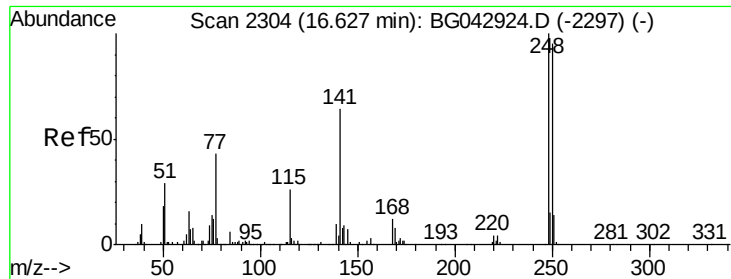
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



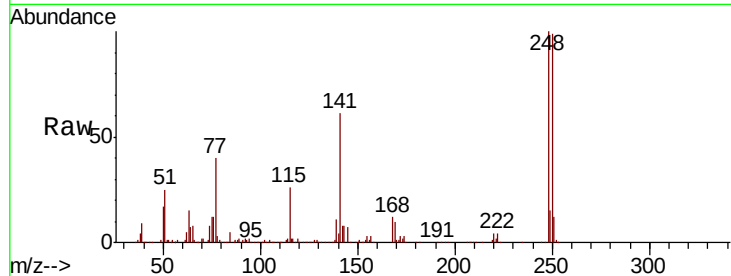
Time--> 15.80 15.90 16.00 16.10



#67
4-Bromophenyl-phenylether
Concen: 46.214 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	75.8	113.8
141	60.8	51.1	76.7

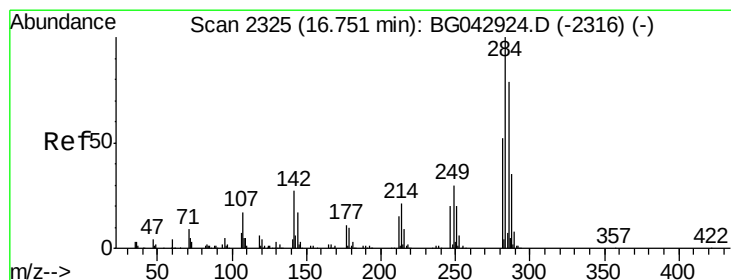
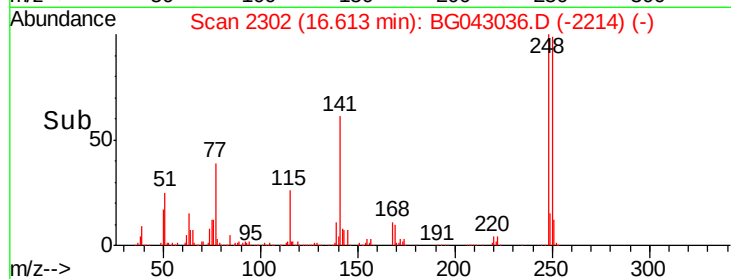
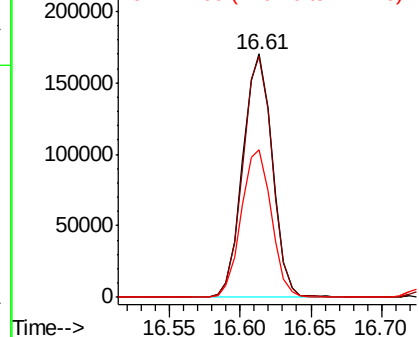


Abundance

Ion 248.00 (247.70 to 248.70): E

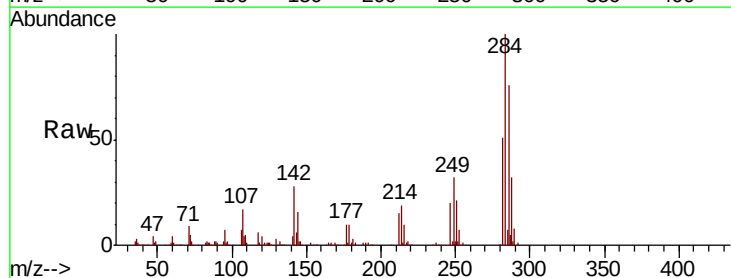
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.763 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	21.6	32.4
249	32.4	24.1	36.1

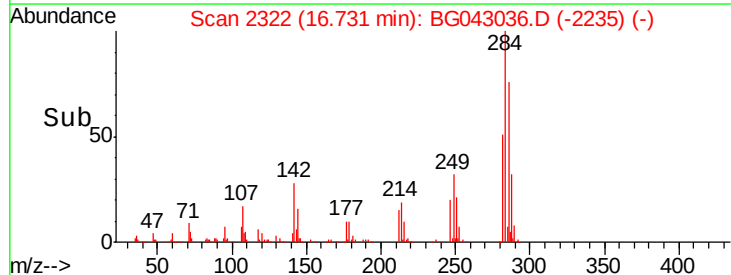
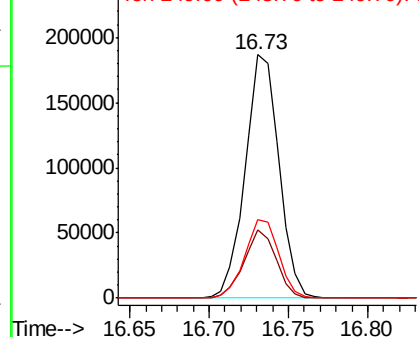


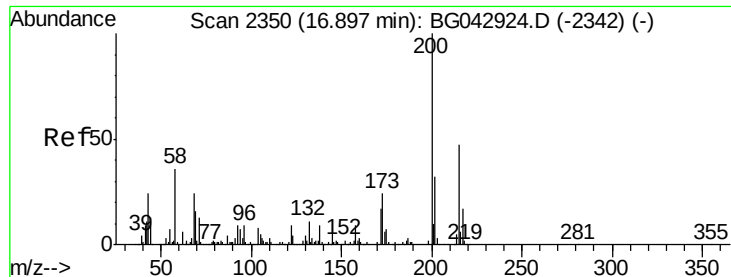
Abundance

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

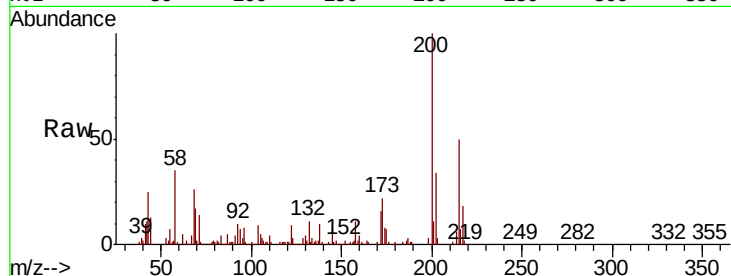




#69
 Atrazine
 Concen: 43.901 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.3	4.0	44.0
215	50.1	27.4	67.4

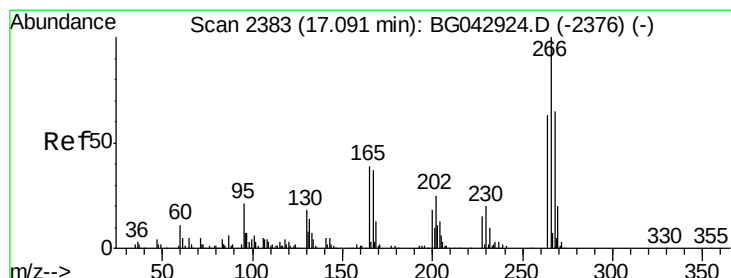
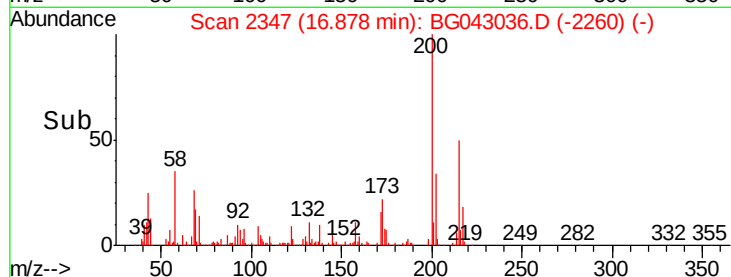
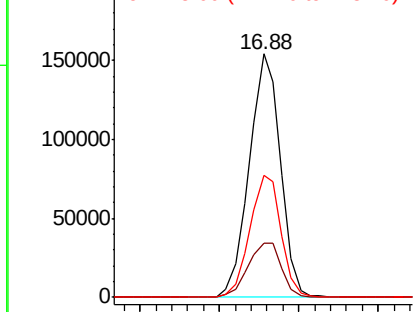


Abundance

Ion 200.00 (199.70 to 200.70): E

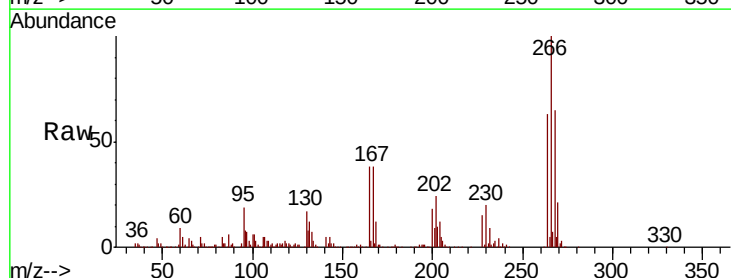
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 102.151 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	52.2	78.2
264	63.0	50.7	76.1

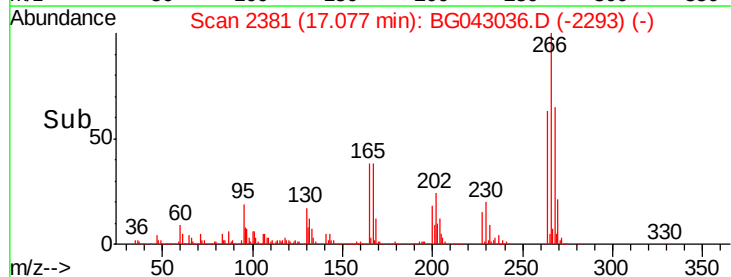
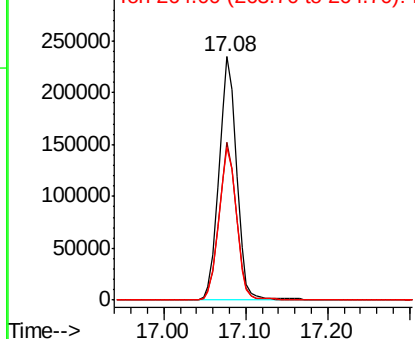


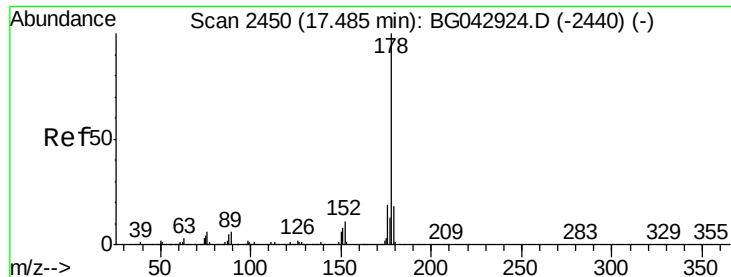
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

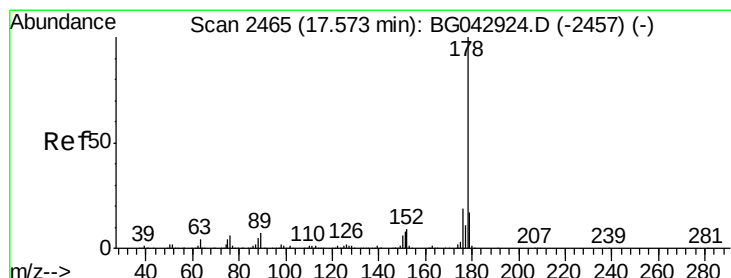
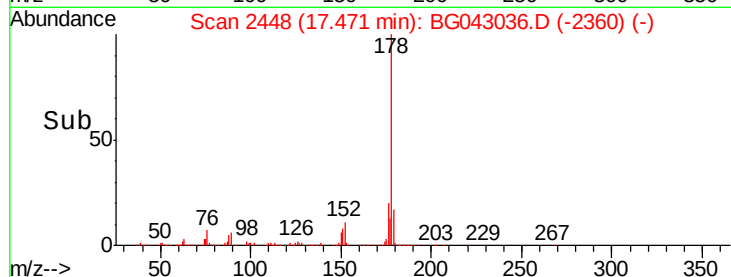
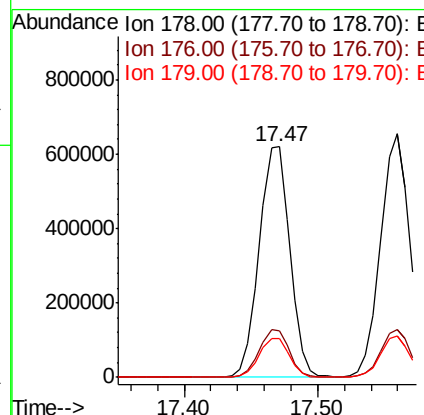
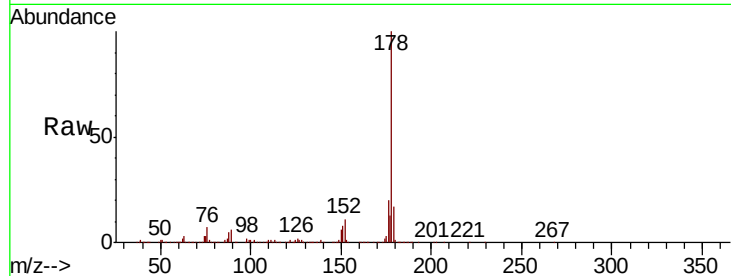




#71
Phenanthrene
Concen: 46.858 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

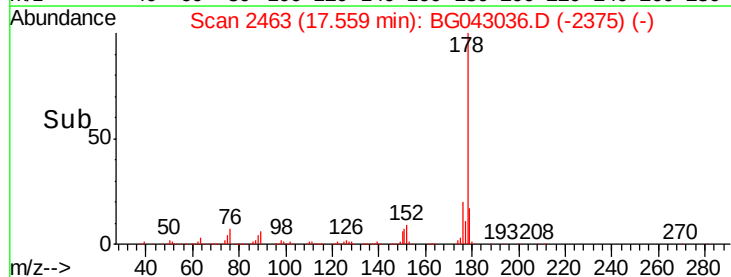
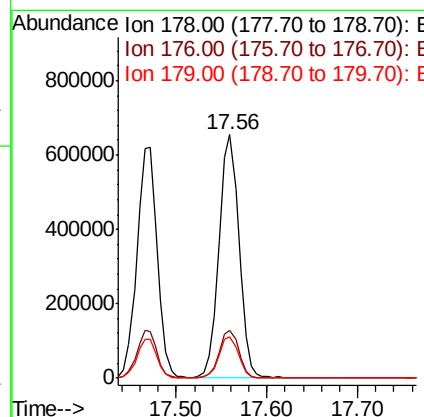
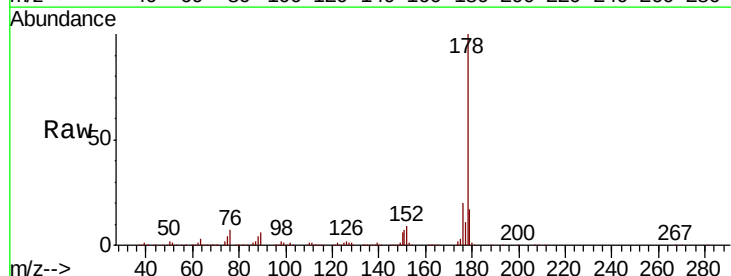
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

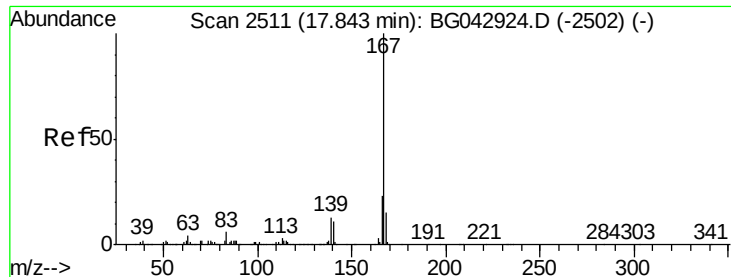
Tot Ion:178 Resp: 986280
Ion Ratio Lower Upper
178 100
176 20.2 15.1 22.7
179 17.1 14.1 21.1



#72
Anthracene
Concen: 47.557 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion:178 Resp: 999321
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 17.2 13.5 20.3

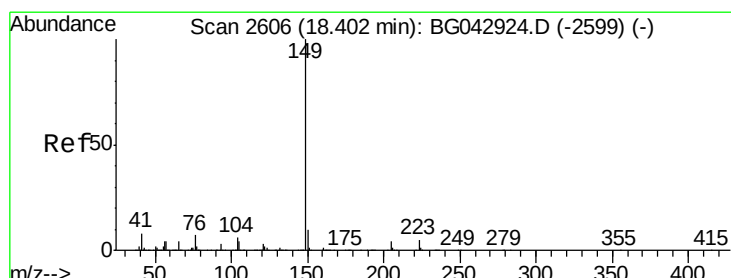
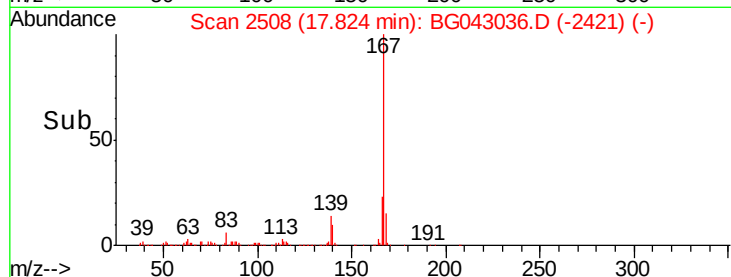
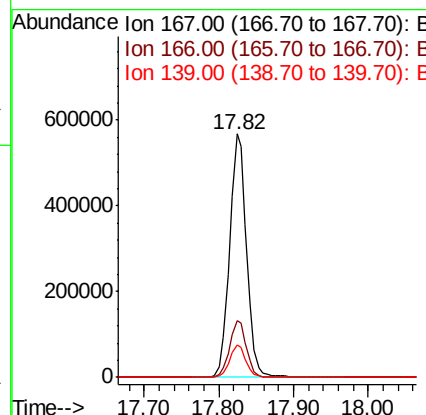
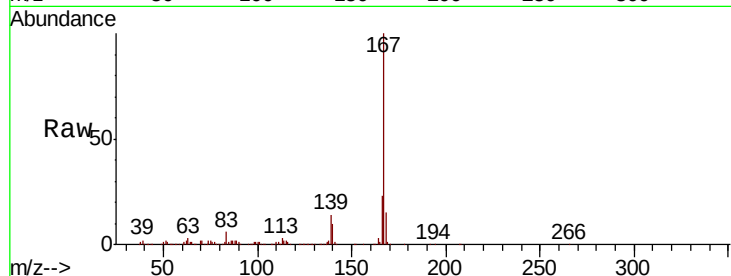




#73
 Carbazole
 Concen: 46.165 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

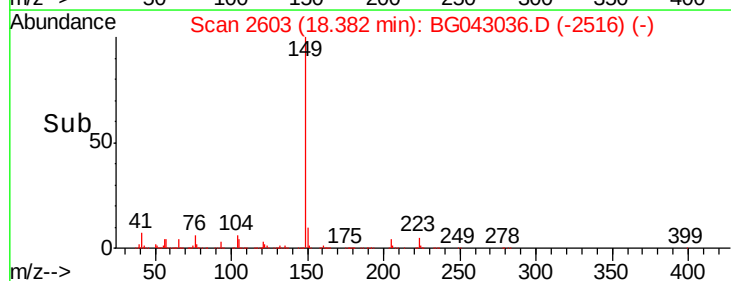
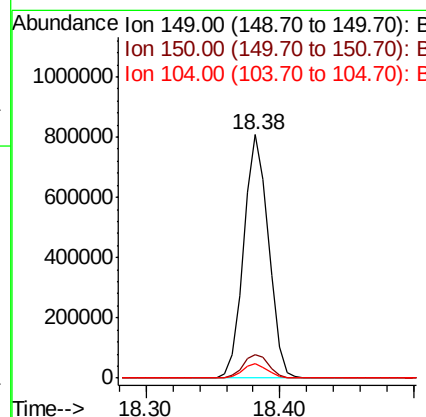
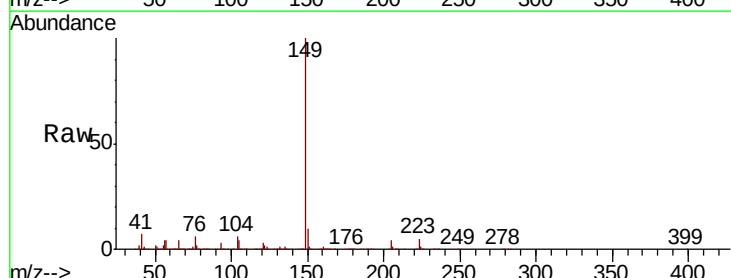
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

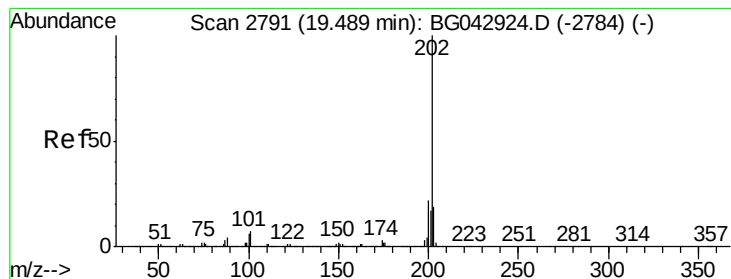
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.6	28.0
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 44.309 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043036.D
 Acq: 4 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 47.119 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

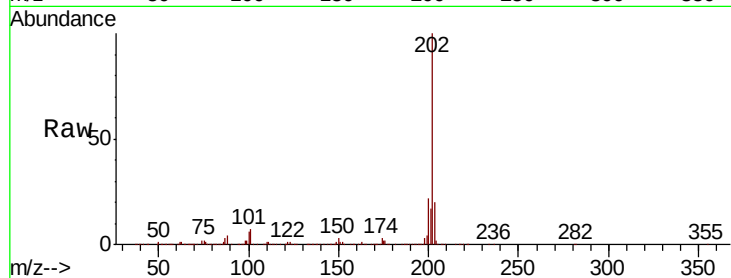
Tot Ion:202 Resp: 1311804

Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.3

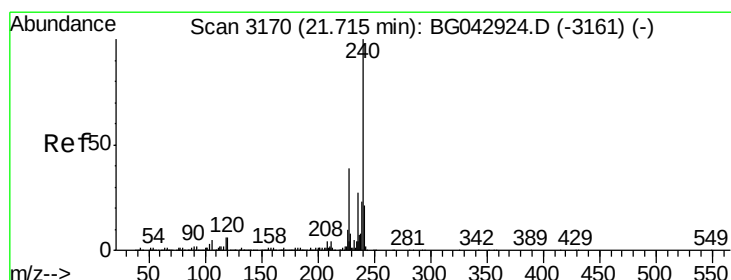
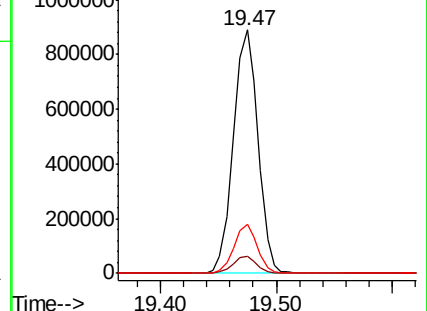
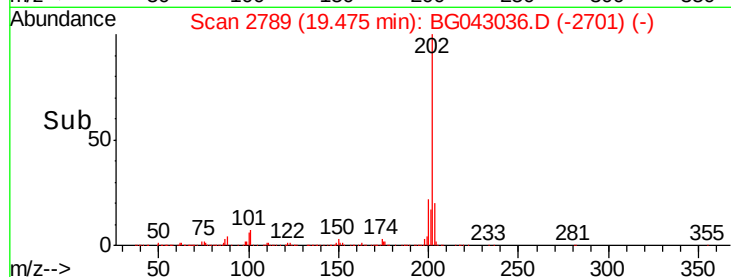
203 20.1 0.0 39.5



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. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

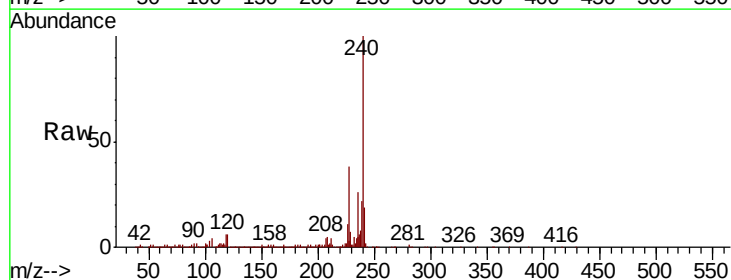
Tgt Ion:240 Resp: 462144

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

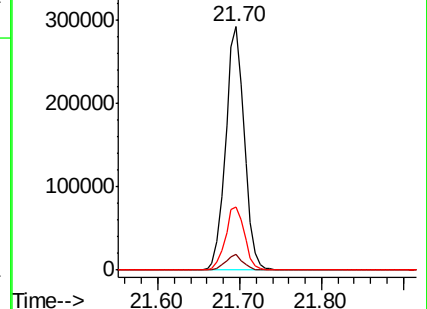
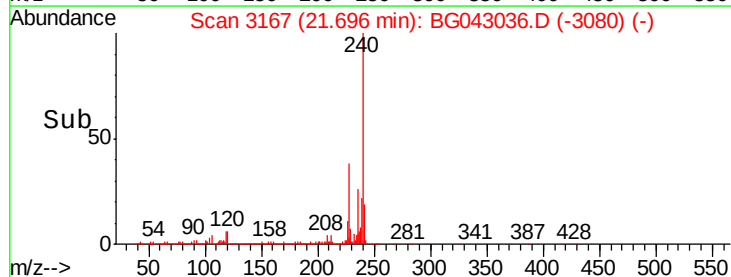
236 26.1 21.4 32.0

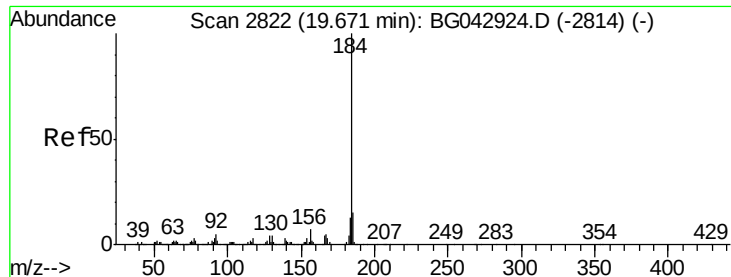


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.607 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

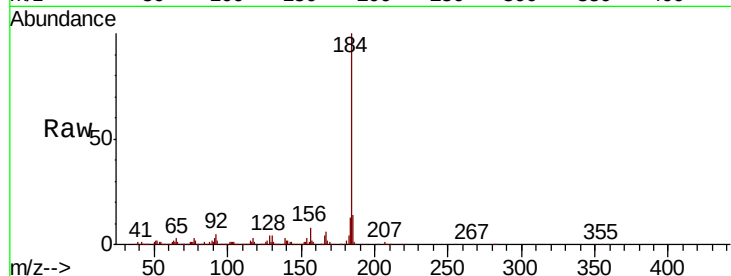
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:184 Resp: 712895

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.8	17.8
183	13.3	10.1	15.1

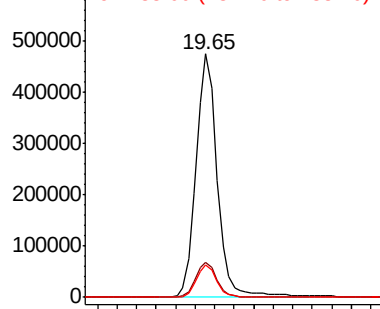


Abundance

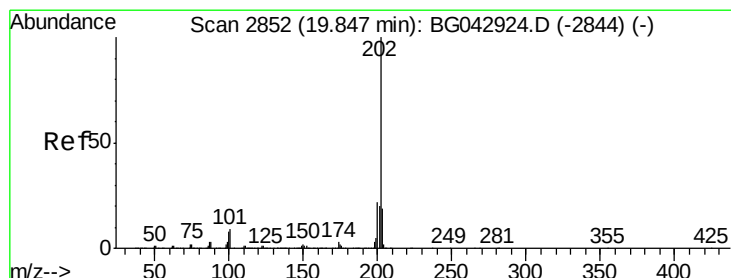
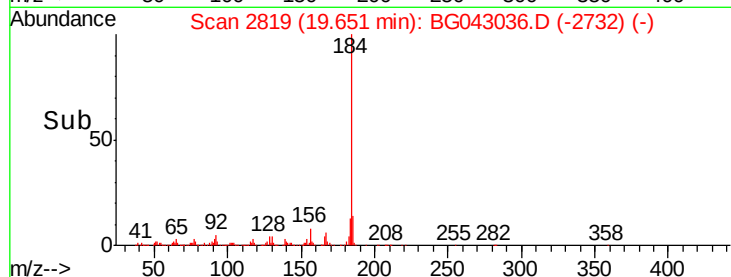
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 47.585 ng

RT: 19.83 min Scan# 2850

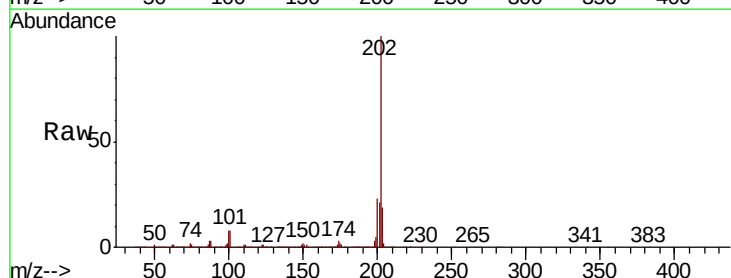
Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:202 Resp: 1312568

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	19.2	15.2	22.8

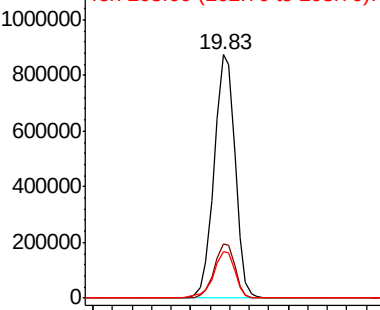


Abundance

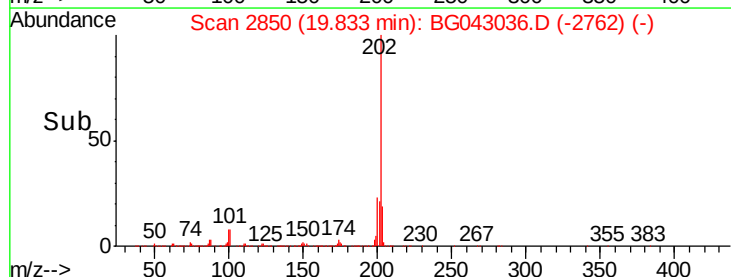
Ion 202.00 (201.70 to 202.70): E

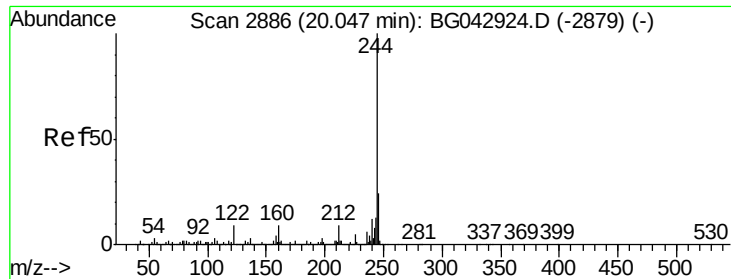
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 69.725 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

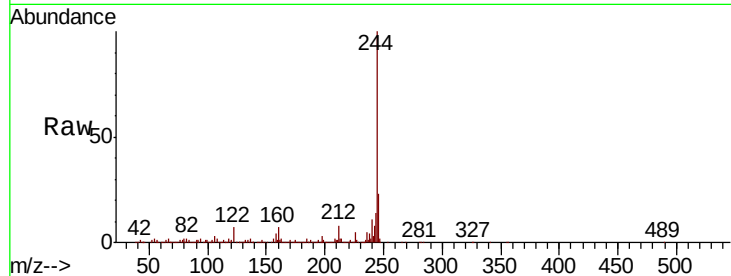
Tot Ion:244 Resp: 1512197

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	6.9	7.0	10.4

244 100

212 8.3 7.4 11.0

122 6.9 7.0 10.4

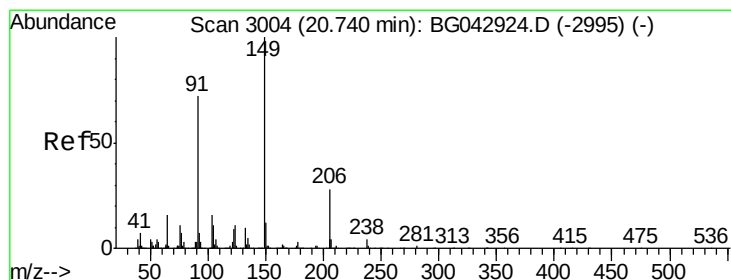
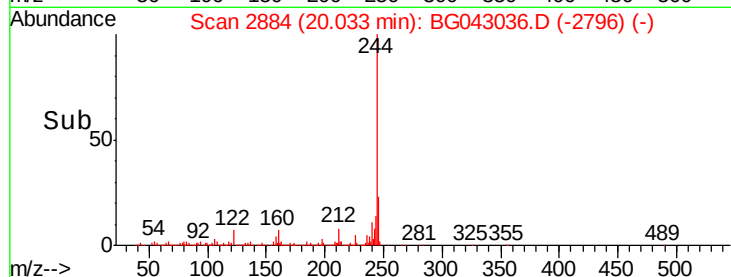
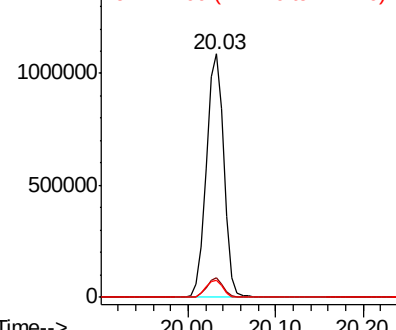


Abundance

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: 46.375 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

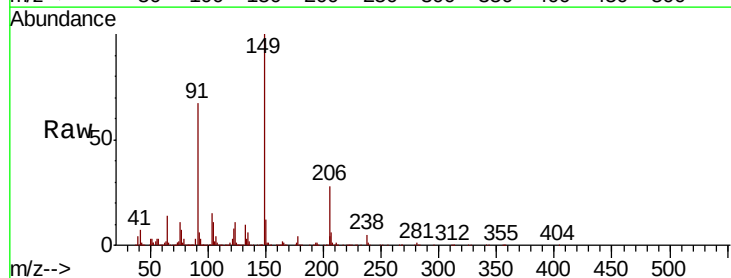
Tgt Ion:149 Resp: 485545

Ion	Ratio	Lower	Upper
149	100		
91	67.2	57.7	86.5
206	28.1	22.6	33.8

149 100

91 67.2 57.7 86.5

206 28.1 22.6 33.8

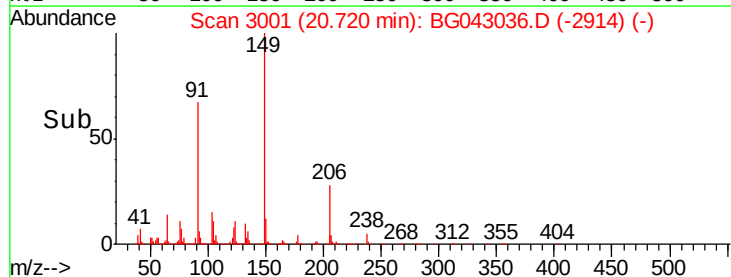
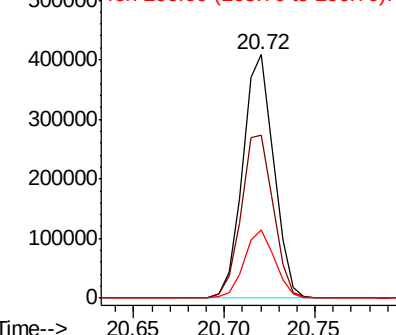


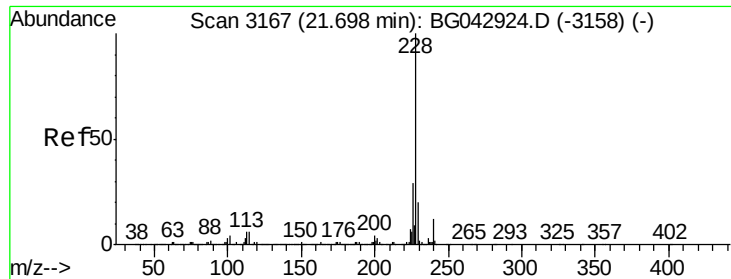
Abundance

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: 46.067 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

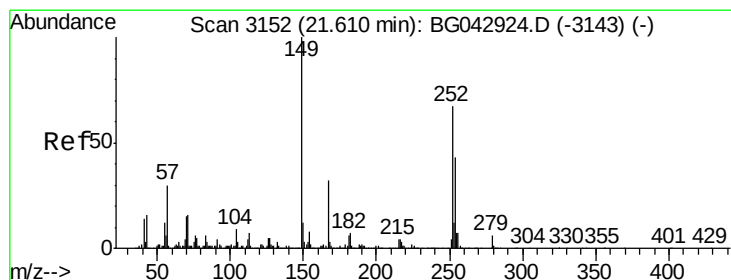
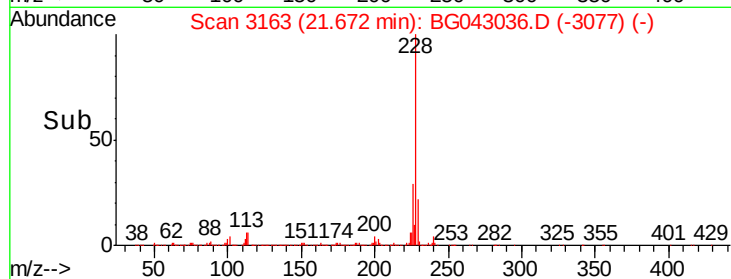
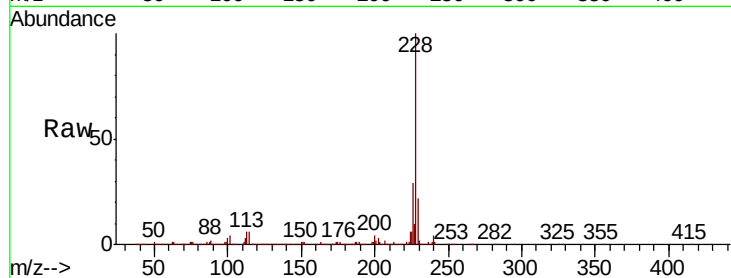
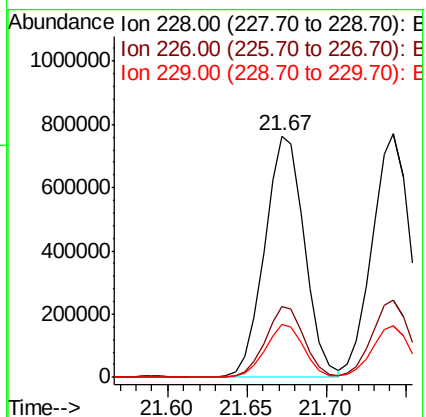
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tot Ion:228 Resp: 1326550

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	21.9	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 34.463 ng

RT: 21.59 min Scan# 3149

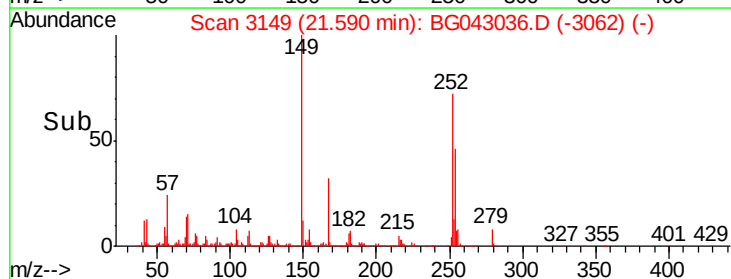
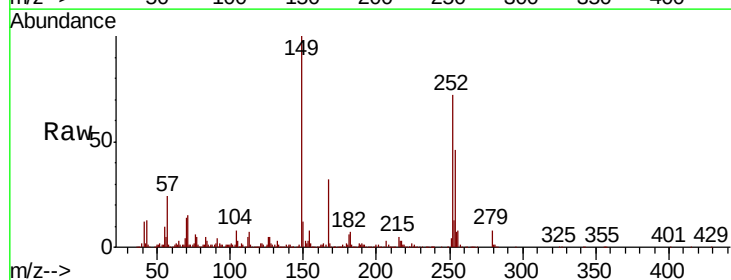
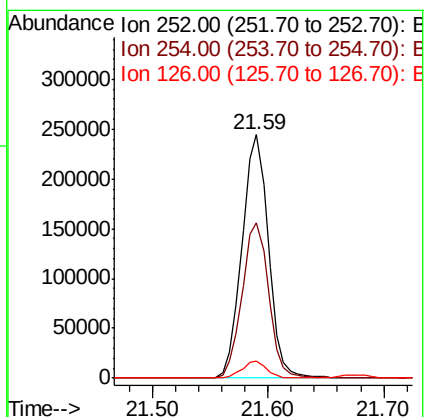
Delta R.T. -0.02 min

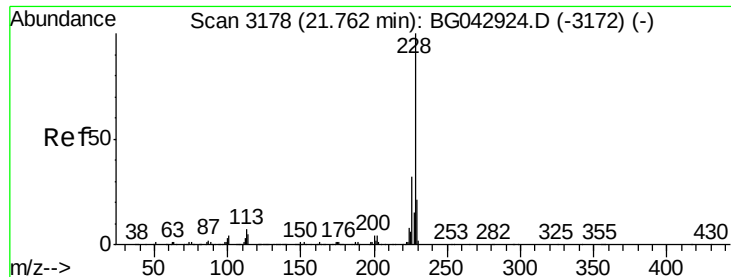
Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Tgt Ion:252 Resp: 389223

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	7.0	6.1	9.1





#83

Chrysene

Concen: 45.982 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

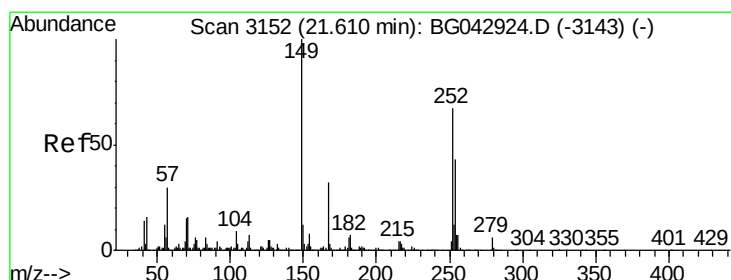
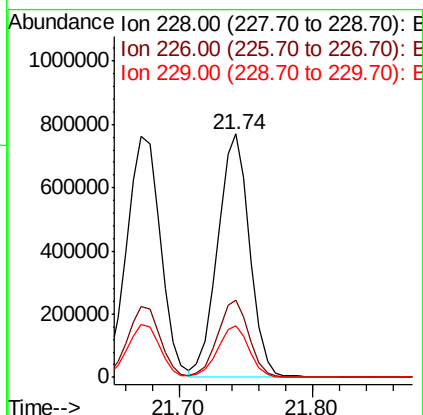
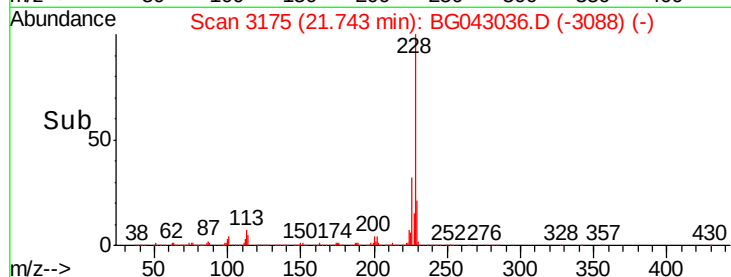
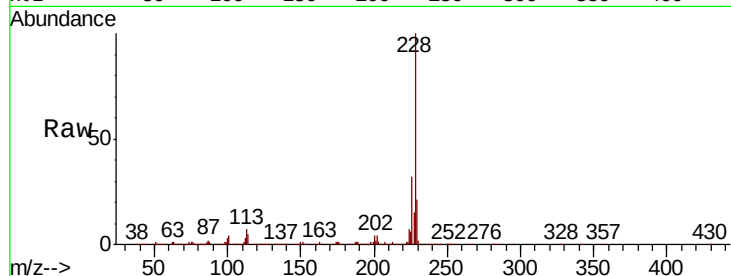
Tot Ion:228 Resp: 1284930

Ion Ratio Lower Upper

228 100

226 31.6 25.6 38.4

229 21.1 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.918 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.03 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

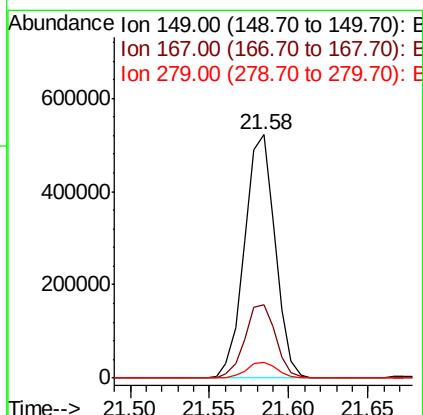
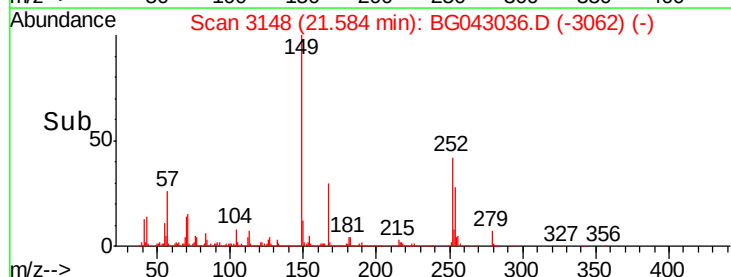
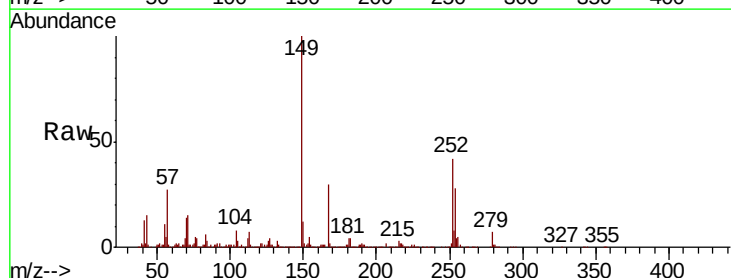
Tgt Ion:149 Resp: 698999

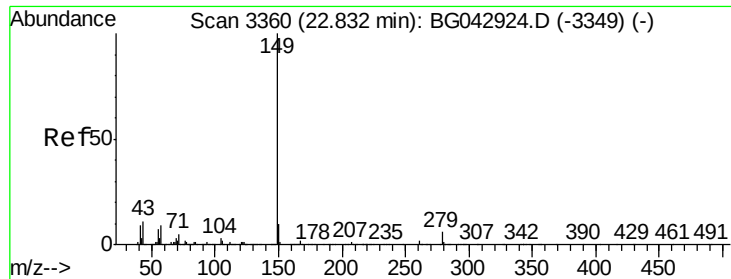
Ion Ratio Lower Upper

149 100

167 30.4 25.4 38.2

279 6.7 5.1 7.7

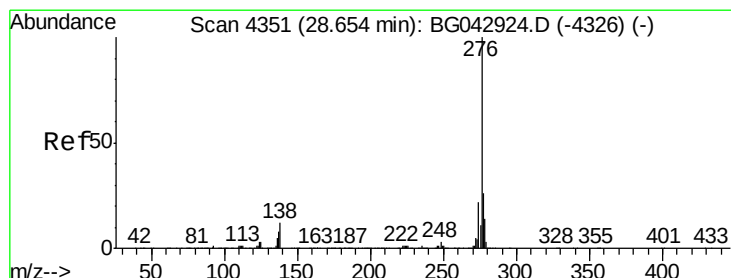
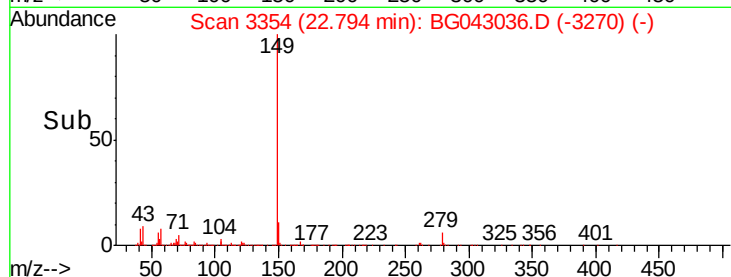
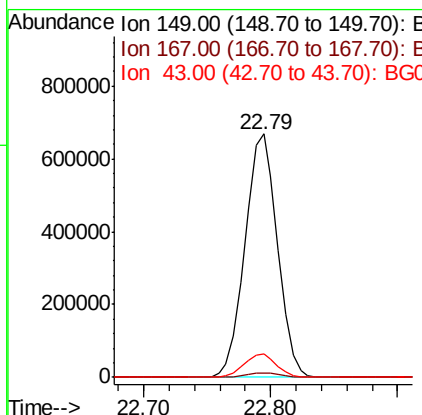
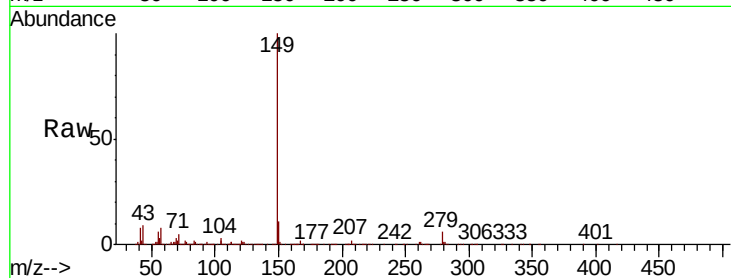




#85
Di-n-octyl phthalate
Concen: 48.511 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

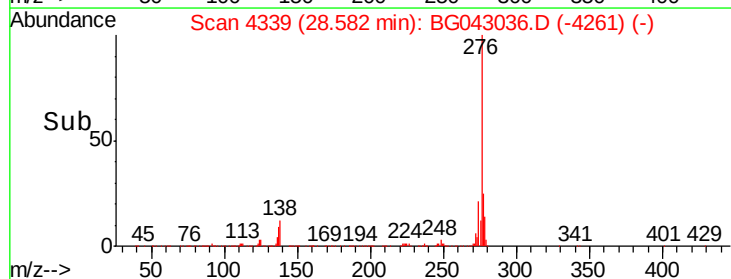
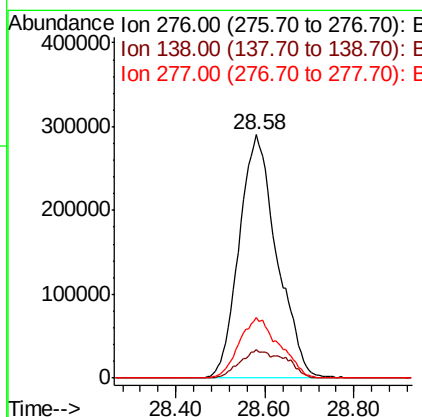
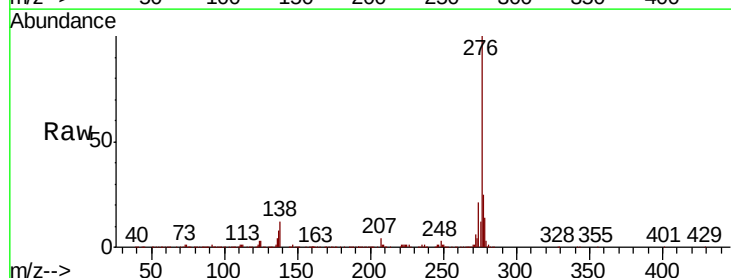
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

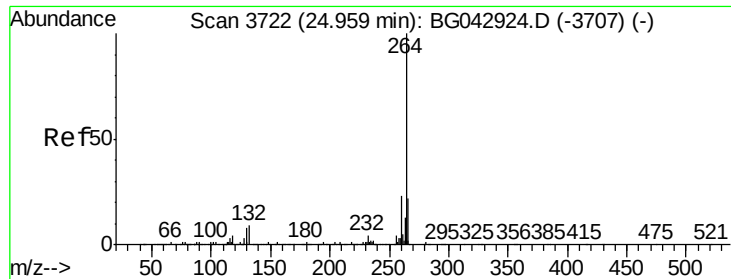
Tot Ion:149 Resp: 1181812
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 9.4 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.798 ng
RT: 28.58 min Scan# 4339
Delta R.T. -0.07 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion:276 Resp: 1697581
Ion Ratio Lower Upper
276 100
138 14.1 7.0 10.6#
277 26.5 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

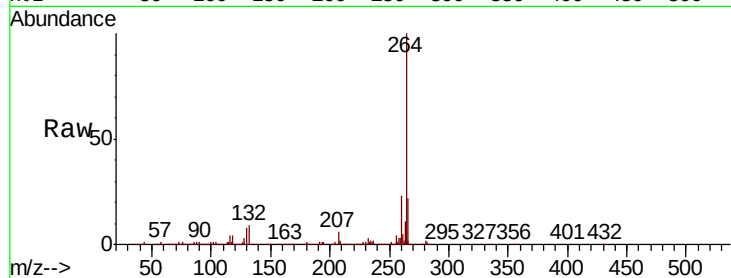
Tot Ion:264 Resp: 550138

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.8 17.7 26.5

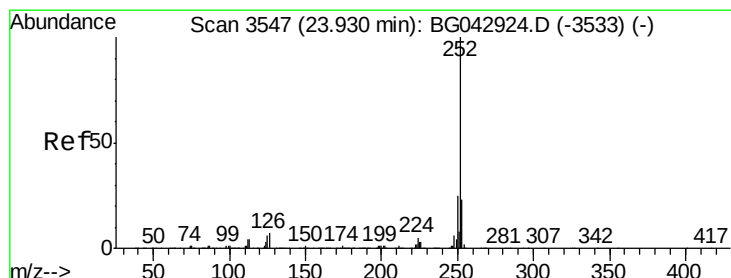
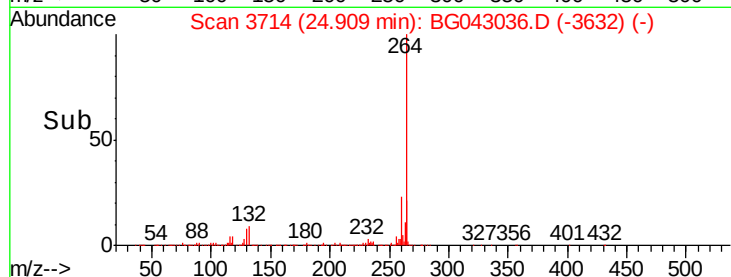
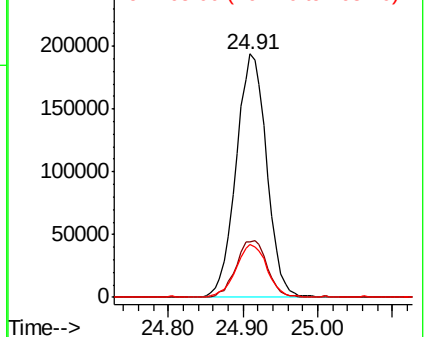


Abundance

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: 47.071 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

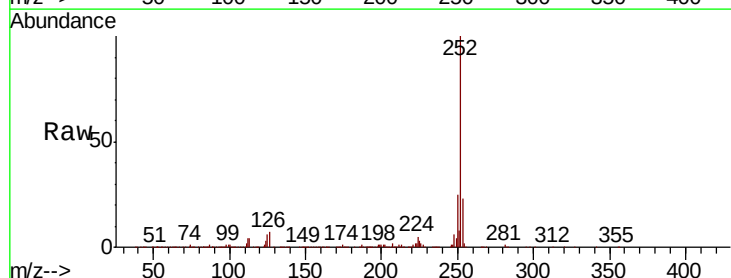
Tgt Ion:252 Resp: 1465250

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

125 5.7 4.6 7.0

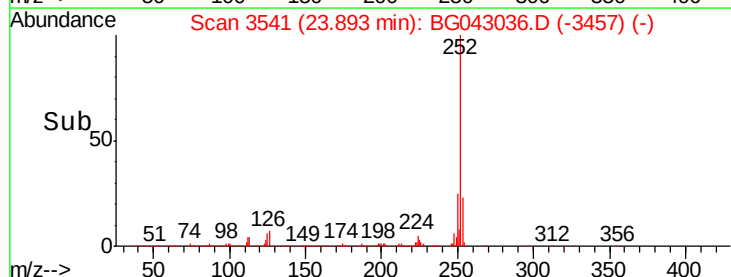
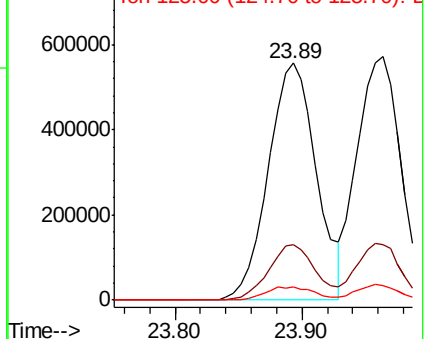


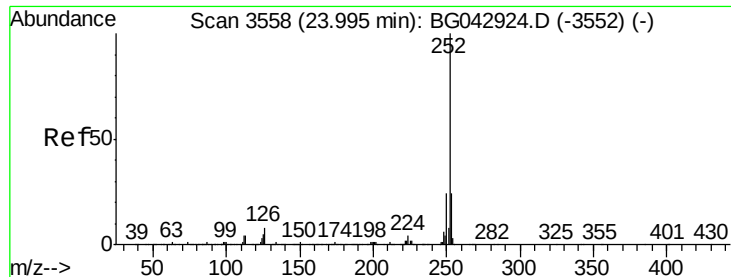
Abundance

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: 44.434 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

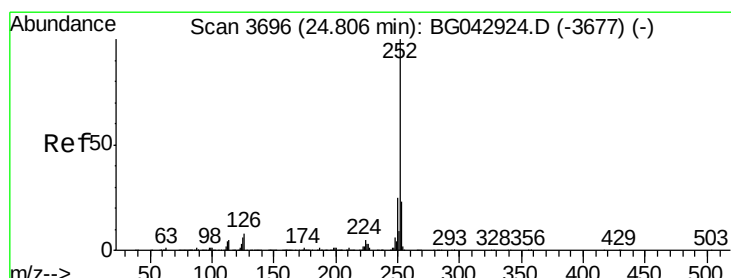
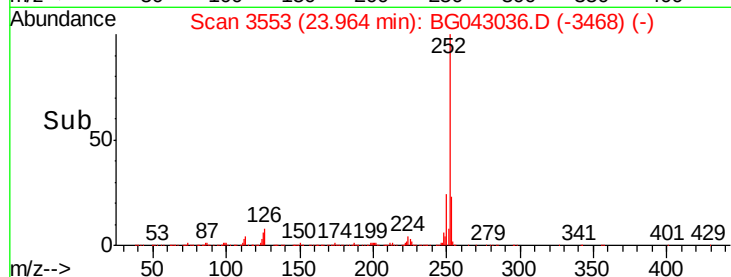
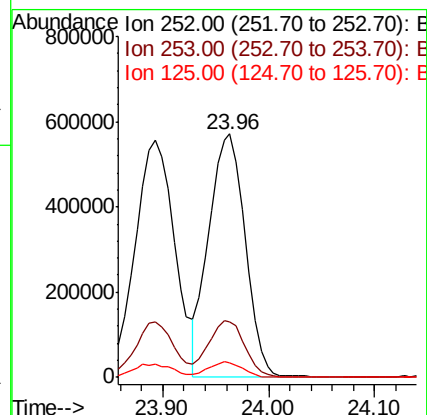
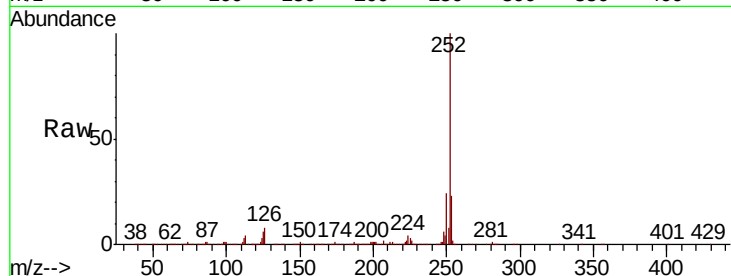
Tot Ion:252 Resp: 1368330

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

125 5.9 4.5 6.7



#90

Benzo(a)pyrene

Concen: 48.103 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.04 min

Lab File: BG043036.D

Acq: 4 Oct 2019 20:12

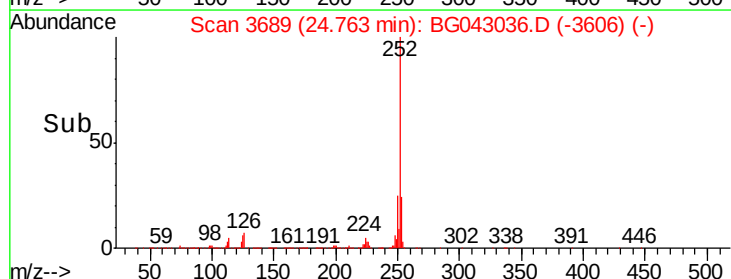
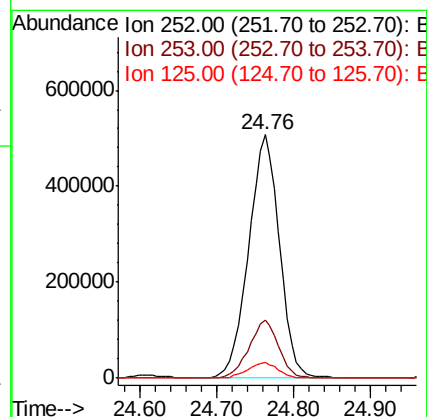
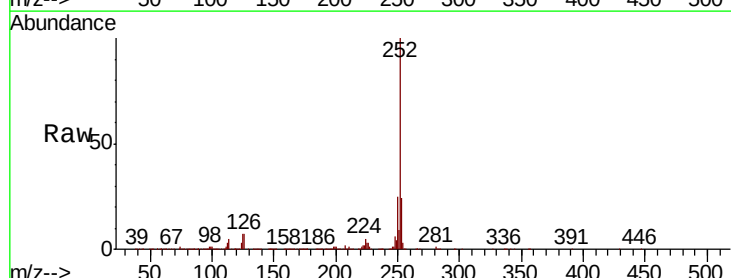
Tgt Ion:252 Resp: 1412697

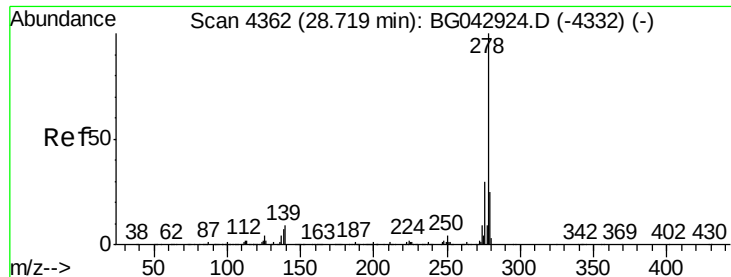
Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.4

125 6.5 5.0 7.6

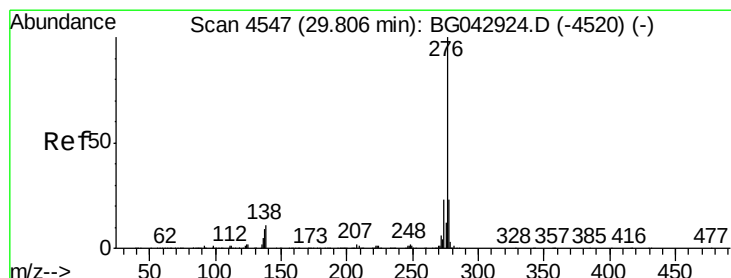
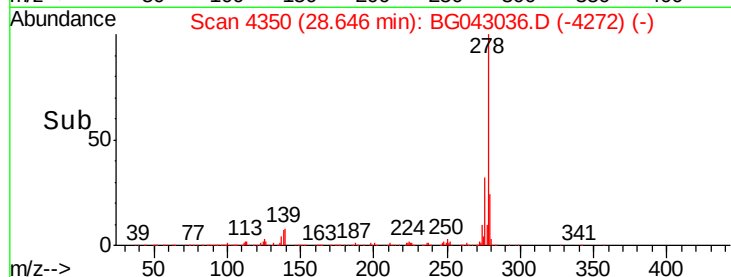
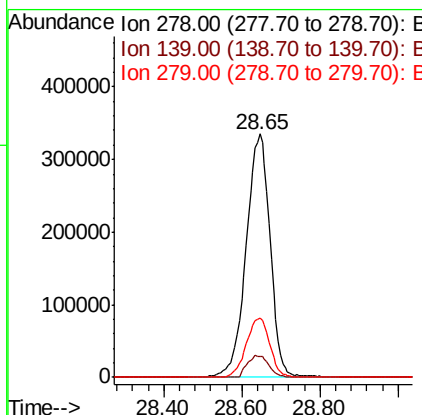
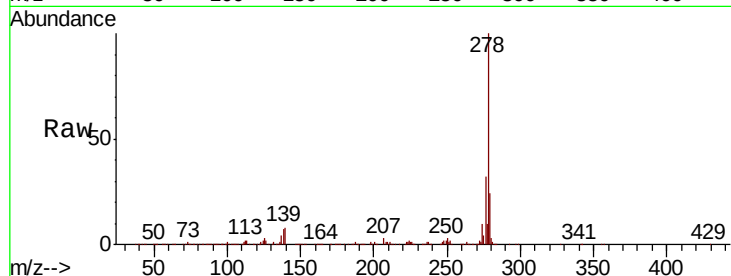




#91
Dibenzo(a,h)anthracene
Concen: 47.539 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tot Ion:278 Resp: 1431629
Ion Ratio Lower Upper
278 100
139 8.4 6.8 10.2
279 24.4 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 48.247 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043036.D
Acq: 4 Oct 2019 20:12

Tgt Ion:276 Resp: 1407798
Ion Ratio Lower Upper
276 100
277 22.8 18.4 27.6
138 12.1 8.6 12.8

