

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043030.D
 Acq On : 4 Oct 2019 16:22
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 04:50:30 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	71883	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	281994	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	199946	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	469455	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	507704	20.00	ng	-0.02
87) Perylene-d12	24.91	264	599371	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	309024	76.72	ng	-0.02
7) Phenol-d6	7.23	99	441109	76.05	ng	-0.01
23) Nitrobenzene-d5	9.22	82	444954	76.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	286266	83.26	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1109555	80.45	ng	-0.02
79) Terphenyl-d14	20.04	244	1958801	82.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	58654	34.927	ng	91
3) Pyridine	3.95	79	171670	36.345	ng	94
4) n-Nitrosodimethylamine	3.85	42	85362	37.581	ng	98
6) Aniline	7.39	93	265085	37.859	ng	99
8) 2-Chlorophenol	7.63	128	166756	39.698	ng	98
9) Benzaldehyde	7.20	77	124170	35.032	ng	91
10) Phenol	7.26	94	205229	38.564	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	153471	37.272	ng	94
12) 1,3-Dichlorobenzene	7.96	146	204115	38.091	ng	99
13) 1,4-Dichlorobenzene	8.10	146	208399	39.012	ng	98
14) 1,2-Dichlorobenzene	8.42	146	199009	39.131	ng	95
15) Benzyl Alcohol	8.30	79	165519	37.955	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	265609	33.589	ng	98
17) 2-Methylphenol	8.51	107	141074	37.886	ng	97
18) Hexachloroethane	9.15	117	75388	37.472	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	141715	37.208	ng	94
20) 3+4-Methylphenols	8.84	107	196804	38.567	ng	96
22) Acetophenone	8.88	105	291594	40.115	ng	# 96
24) Nitrobenzene	9.27	77	214264	38.718	ng	97
25) Isophorone	9.79	82	385933	37.870	ng	99
26) 2-Nitrophenol	9.98	139	98861	41.965	ng	98
27) 2,4-Dimethylphenol	10.04	122	139473	38.551	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	220728	38.175	ng	98
29) 2,4-Dichlorophenol	10.52	162	182525	40.566	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	230083	39.597	ng	95
31) Naphthalene	10.92	128	541453	39.005	ng	99
32) Benzoic acid	10.19	122	126263	45.365	ng	97
33) 4-Chloroaniline	11.02	127	239250	39.719	ng	95
34) Hexachlorobutadiene	11.20	225	171476	39.414	ng	98
35) Caprolactam	11.80	113	61252	38.602	ng	# 76
36) 4-Chloro-3-methylphenol	12.14	107	190280	38.894	ng	96
37) 2-Methylnaphthalene	12.51	142	413456	39.043	ng	98
38) 1-Methylnaphthalene	12.74	142	389005	38.821	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	302617	40.253	ng	99

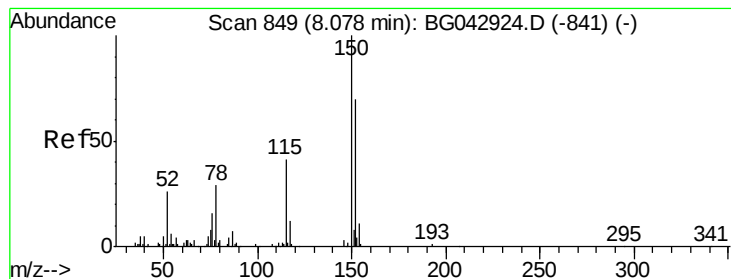
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	223284	46.614	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	179086	40.699	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	182697	40.305	ng	99
46) 1,1'-Biphenyl	13.52	154	600134	39.579	ng	96
47) 2-Chloronaphthalene	13.56	162	457643	40.256	ng	97
48) 2-Nitroaniline	13.76	65	144312	38.173	ng	93
49) Acenaphthylene	14.41	152	685902	39.430	ng	98
50) Dimethylphthalate	14.14	163	585350	39.072	ng	99
51) 2,6-Dinitrotoluene	14.25	165	127407	39.935	ng	94
52) Acenaphthene	14.75	154	428105	36.768	ng	98
53) 3-Nitroaniline	14.58	138	131648	39.929	ng	# 94
54) 2,4-Dinitrophenol	14.78	184	76382	38.517	ng	97
55) Dibenzofuran	15.08	168	666809	38.714	ng	99
56) 4-Nitrophenol	14.89	139	99296	39.526	ng	97
57) 2,4-Dinitrotoluene	15.04	165	181625	38.875	ng	99
58) Fluorene	15.73	166	566992	38.558	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	187718	38.894	ng	99
60) Diethylphthalate	15.50	149	584953	38.367	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	340746	38.637	ng	98
62) 4-Nitroaniline	15.75	138	136769	38.035	ng	96
63) Azobenzene	16.01	77	504585	36.351	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	103851	39.093	ng	90
66) n-Nitrosodiphenylamine	15.93	169	506222	40.848	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	240349	40.792	ng	95
68) Hexachlorobenzene	16.73	284	269693	41.109	ng	96
69) Atrazine	16.88	200	197998	37.941	ng	96
70) Pentachlorophenol	17.08	266	155655	41.118	ng	99
71) Phenanthrene	17.47	178	896756	39.127	ng	97
72) Anthracene	17.56	178	887915	38.807	ng	100
73) Carbazole	17.83	167	819093	38.605	ng	100
74) Di-n-butylphthalate	18.38	149	985091	38.914	ng	99
75) Fluoranthene	19.47	202	1167530	38.514	ng	100
77) Benzidine	19.65	184	504351	39.674	ng	98
78) Pyrene	19.84	202	1170549	38.628	ng	99
80) Butylbenzylphthalate	20.72	149	465222	40.446	ng	96
81) Benzo(a)anthracene	21.67	228	1240788	39.222	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	512160	41.278	ng	99
83) Chrysene	21.75	228	1200634	39.110	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	655216	40.033	ng	96
85) Di-n-octyl phthalate	22.80	149	1099202	41.071	ng	98
86) Indeno(1,2,3-cd)pyrene	28.58	276	1574604	41.201	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	1304074	38.452	ng	99
89) Benzo(k)fluoranthene	23.97	252	1303653	38.857	ng	98
90) Benzo(a)pyrene	24.77	252	1257322	39.296	ng	99
91) Dibenzo(a,h)anthracene	28.64	278	1309431	39.910	ng	98
92) Benzo(g,h,i)perylene	29.73	276	1257488	39.556	ng	99

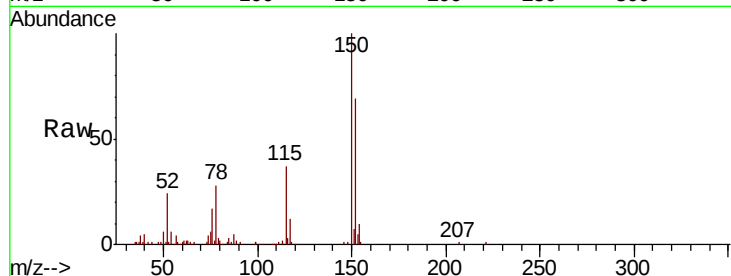
(#) = qualifier out of range (m) = manual integration (+) = signals summed



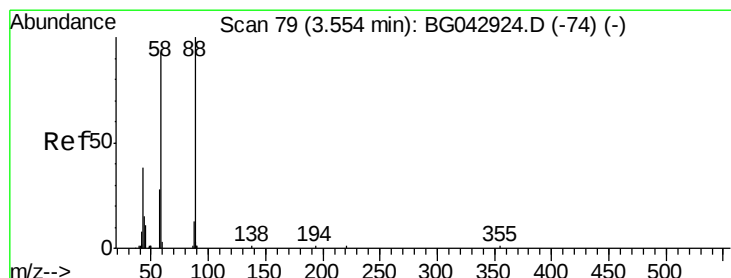
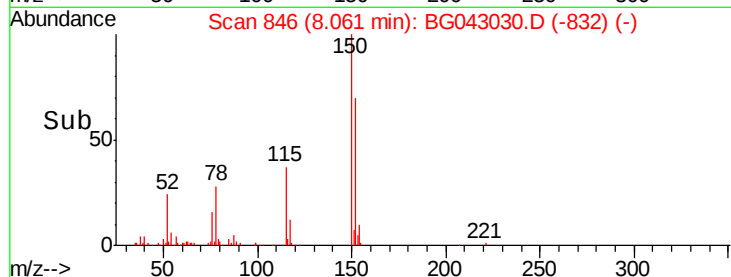
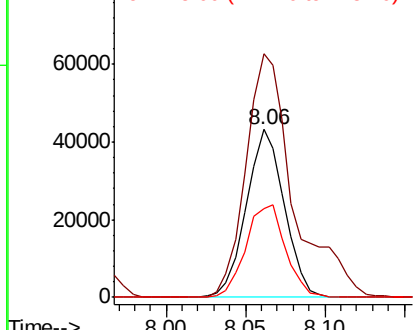
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 71883
 Ion Ratio Lower Upper
 152 100
 150 145.0 115.0 172.4
 115 53.0 47.0 70.6

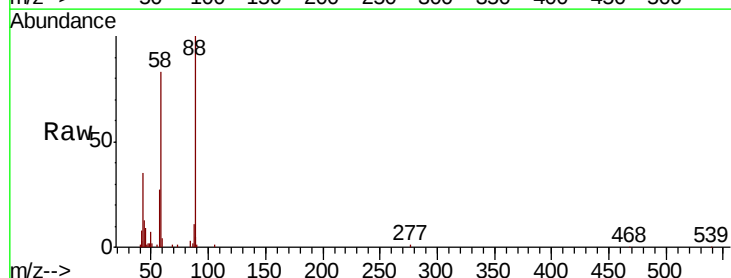


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

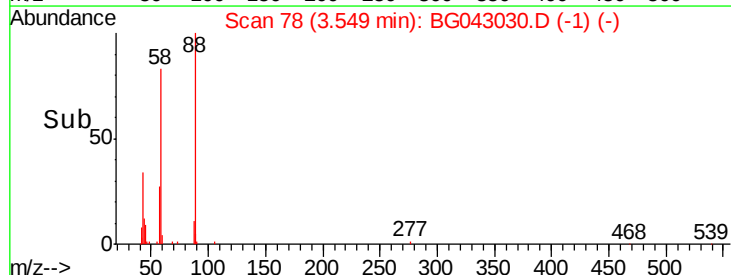
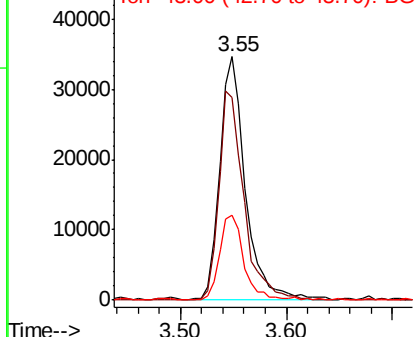


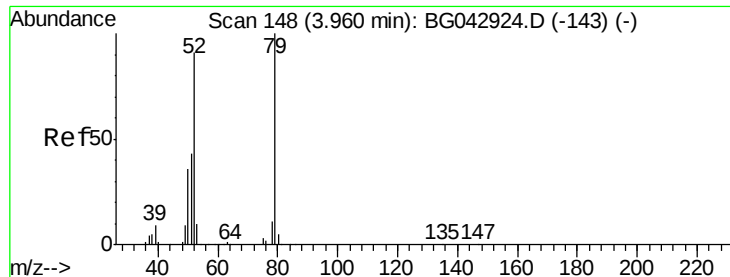
#2
 1,4-Dioxane
 Concen: 34.927 ng
 RT: 3.55 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion: 88 Resp: 58654
 Ion Ratio Lower Upper
 88 100
 58 83.3 74.3 111.5
 43 33.4 29.8 44.8



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





#3

Pvridine

Concen: 36.345 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

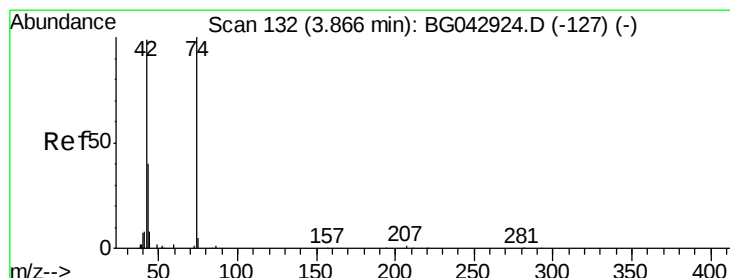
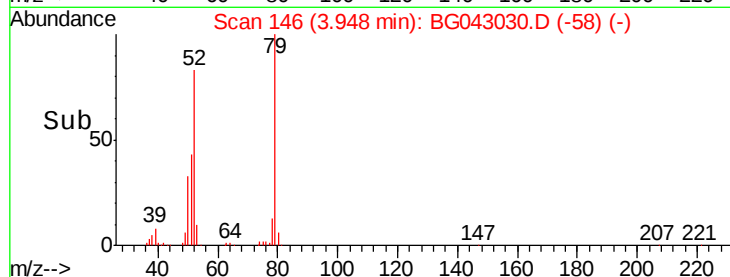
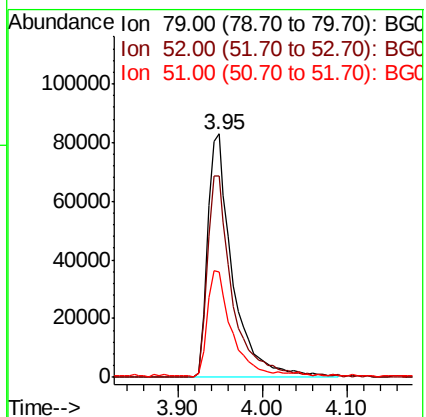
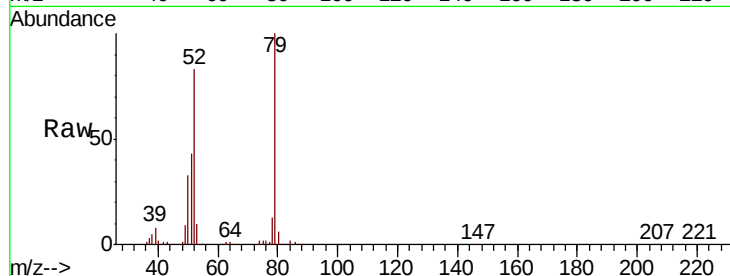
Tot Ion: 79 Resp: 171670

Ion Ratio Lower Upper

79 100

52 82.5 73.0 109.4

51 43.5 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 37.581 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

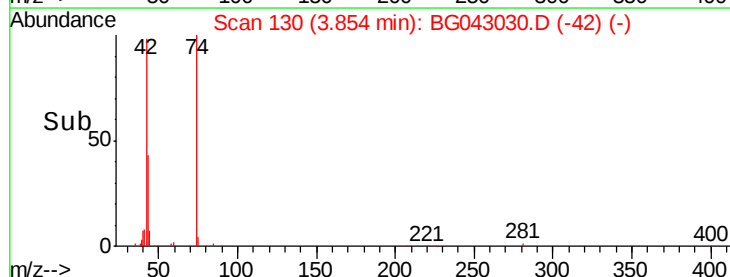
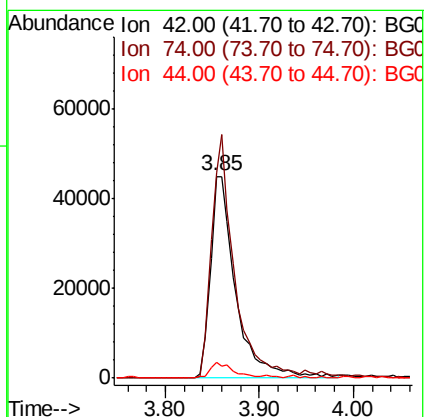
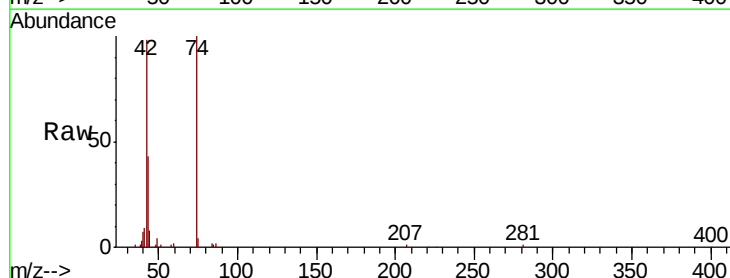
Tgt Ion: 42 Resp: 85362

Ion Ratio Lower Upper

42 100

74 102.0 80.5 120.7

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 76.721 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

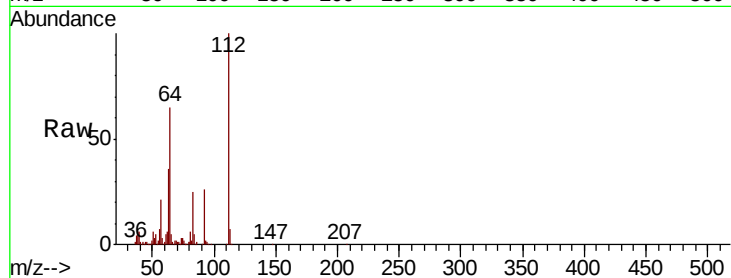
Tot Ion:112 Resp: 309024

Ion Ratio Lower Upper

112 100

64 64.9 56.6 84.8

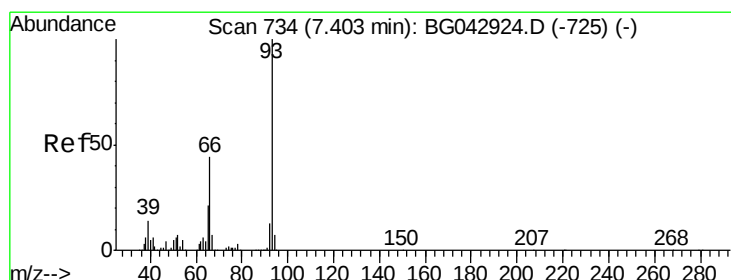
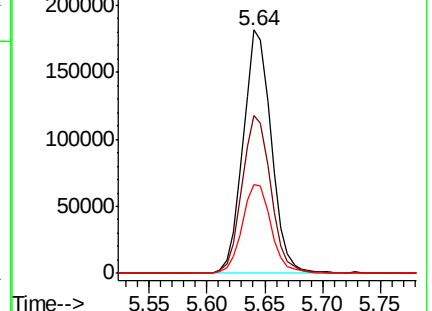
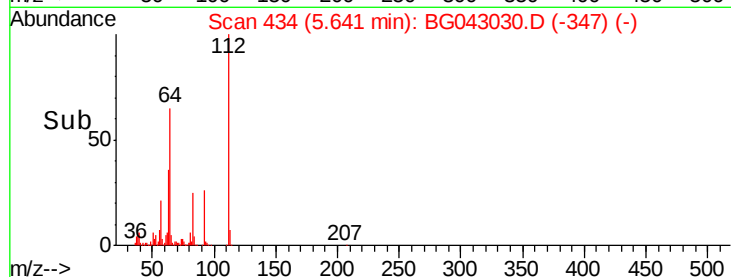
63 36.4 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.859 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

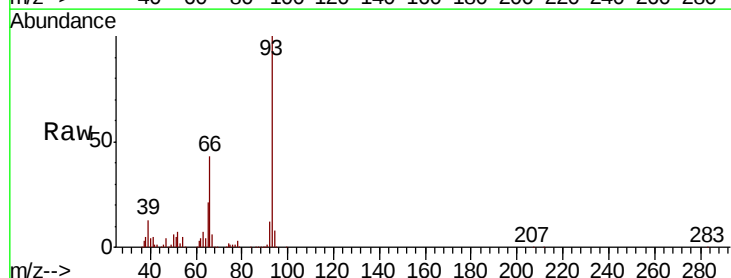
Tgt Ion: 93 Resp: 265085

Ion Ratio Lower Upper

93 100

66 43.1 35.0 52.6

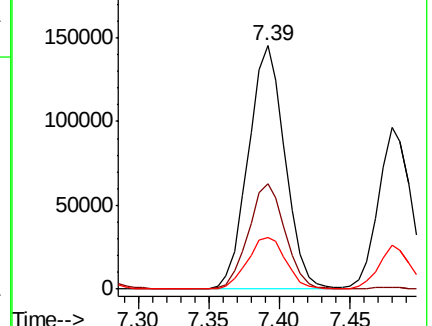
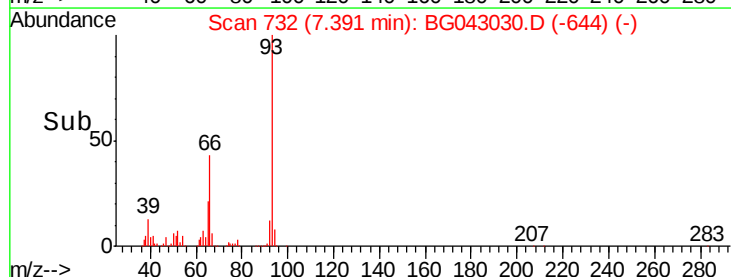
65 21.3 17.4 26.0



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: 76.048 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

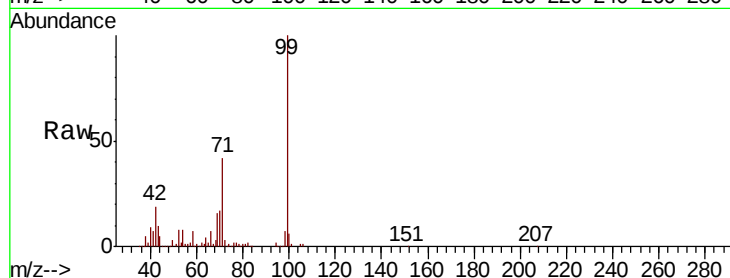
Tot Ion: 99 Resp: 441109

Ion Ratio Lower Upper

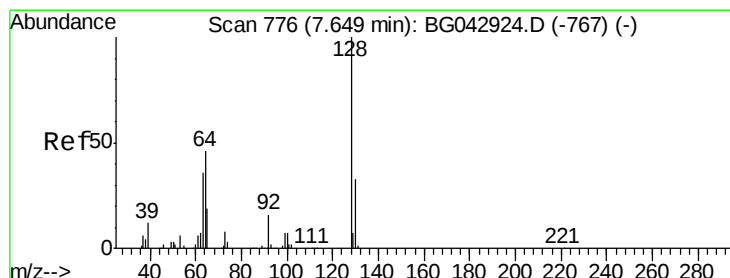
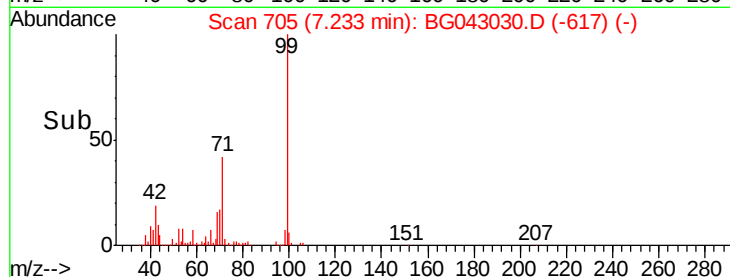
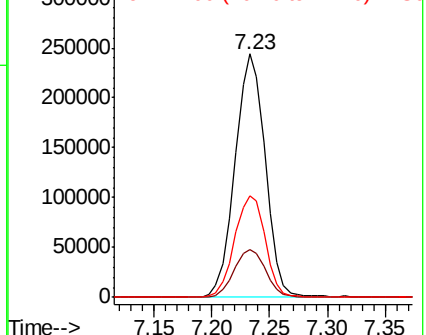
99 100

42 19.4 17.2 25.8

71 41.7 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: 39.698 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

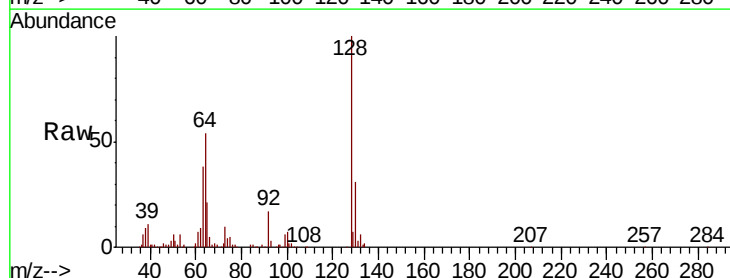
Tgt Ion: 128 Resp: 166756

Ion Ratio Lower Upper

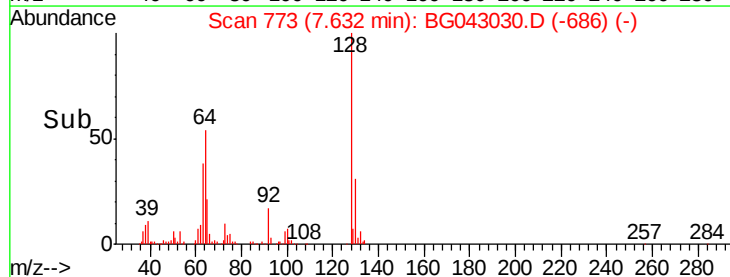
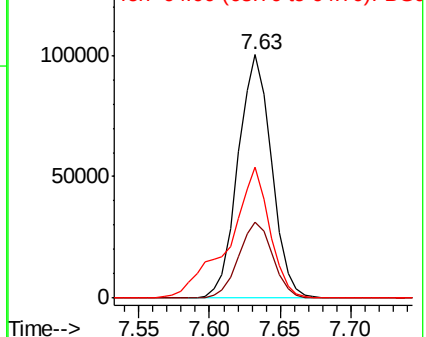
128 100

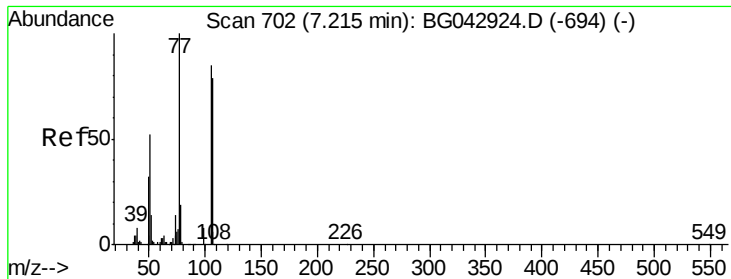
130 31.3 12.5 52.5

64 54.0 32.8 72.8



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





#9

Benzaldehyde

Concen: 35.032 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

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ClientSampleId :

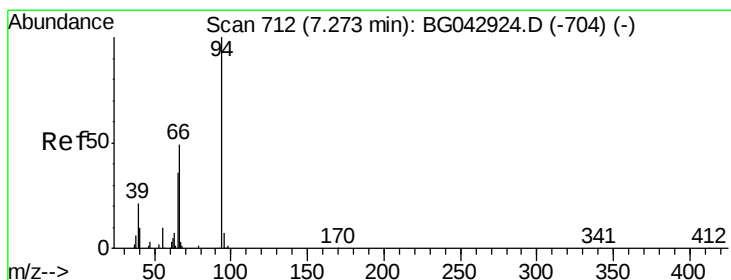
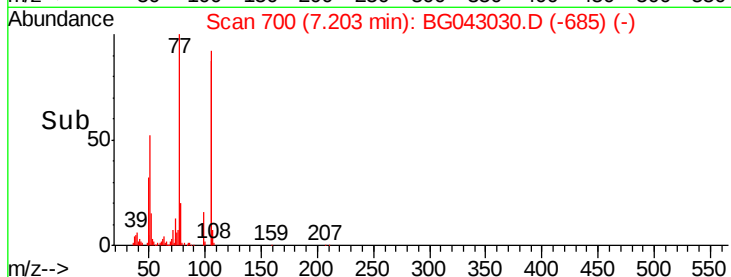
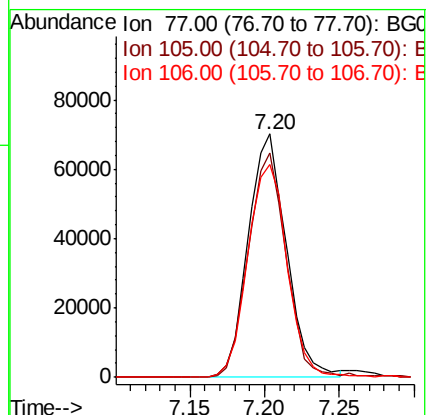
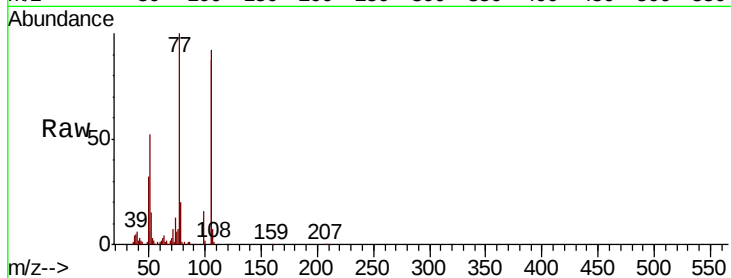
Tot Ion: 77 Resp: 124170

Ion Ratio Lower Upper

77 100

105 92.4 64.6 104.6

106 87.2 59.4 99.4



#10

Phenol

Concen: 38.564 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

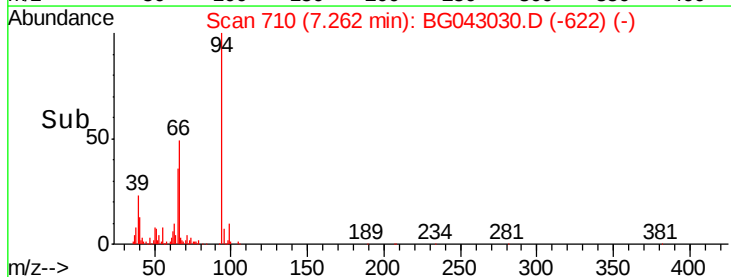
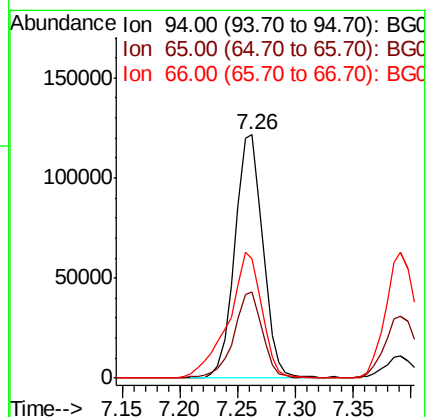
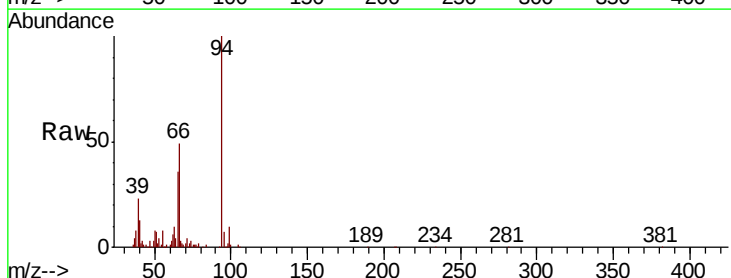
Tgt Ion: 94 Resp: 205229

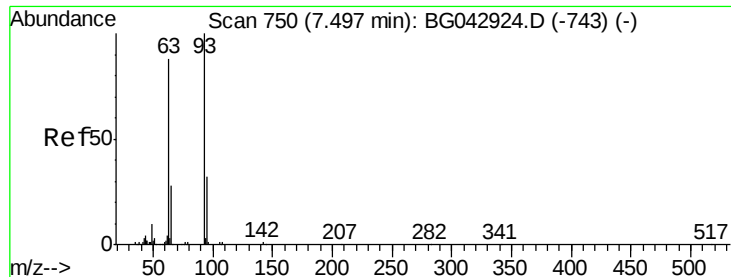
Ion Ratio Lower Upper

94 100

65 35.6 16.6 56.6

66 49.2 32.4 72.4

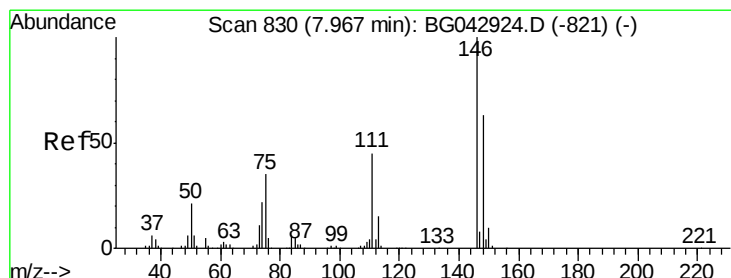
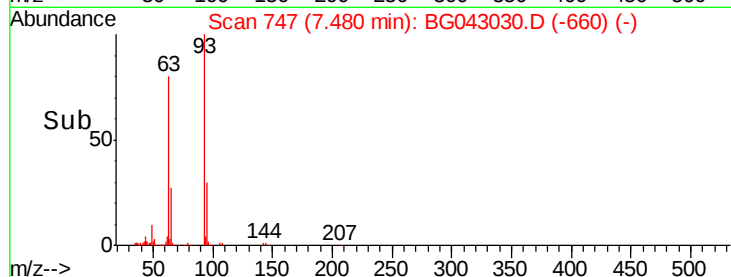
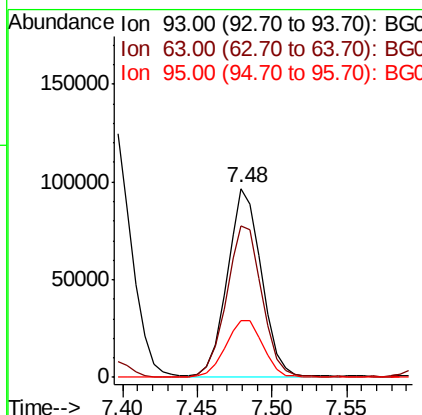
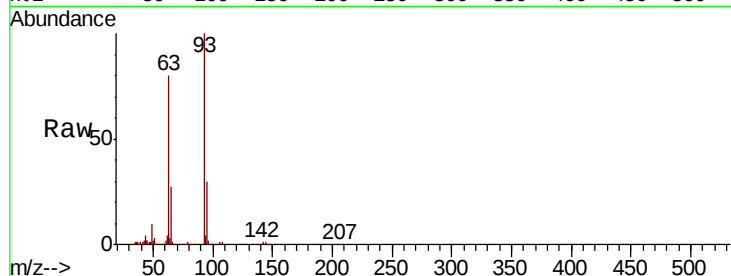




#11
bis(2-Chloroethyl)ether
Concen: 37.272 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

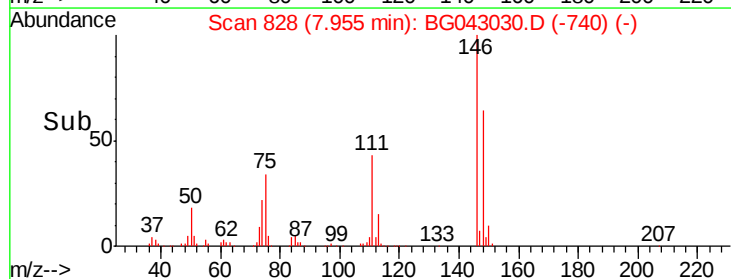
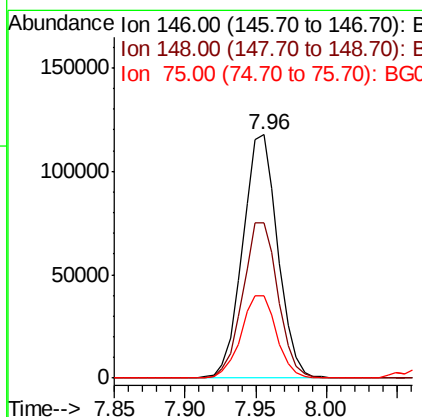
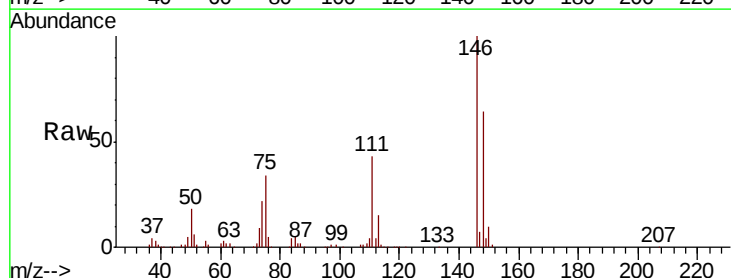
Instrument :
BNA_G
ClientSampleId :

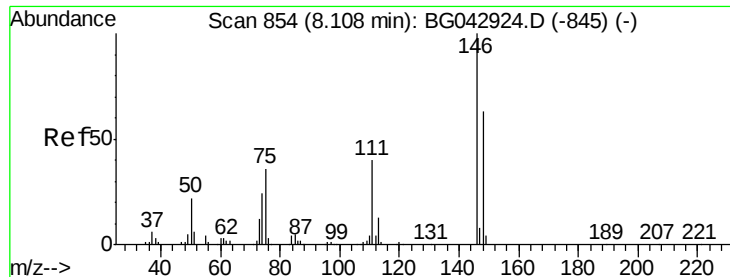
Tot Ion: 93 Resp: 153471
Ion Ratio Lower Upper
93 100
63 80.4 67.4 107.4
95 30.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.091 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion: 146 Resp: 204115
Ion Ratio Lower Upper
146 100
148 63.6 50.7 76.1
75 33.9 27.7 41.5

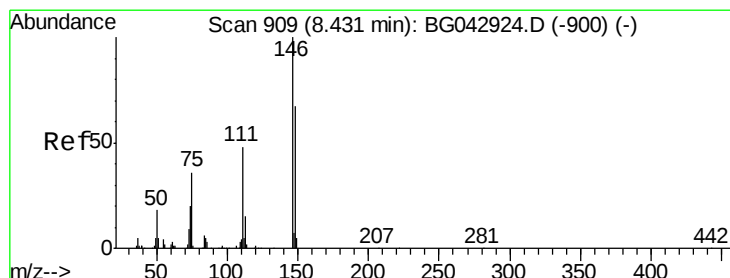
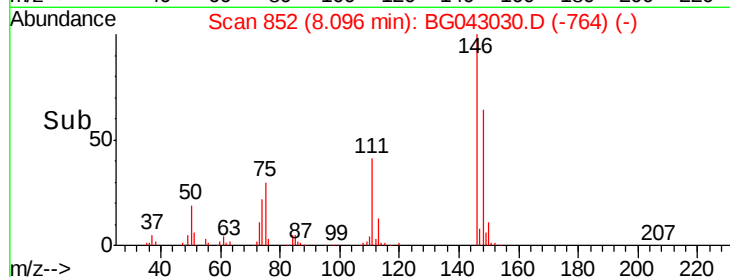
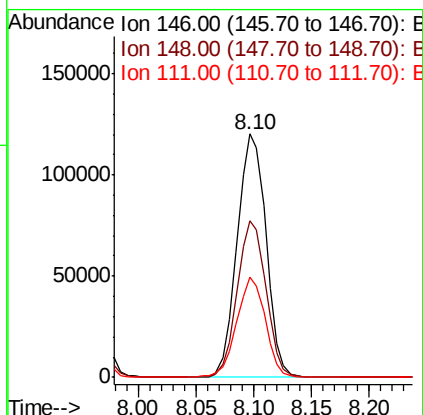
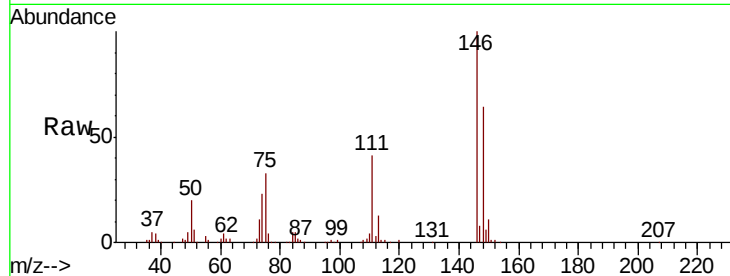




#13
 1,4-Dichlorobenzene
 Concen: 39.012 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

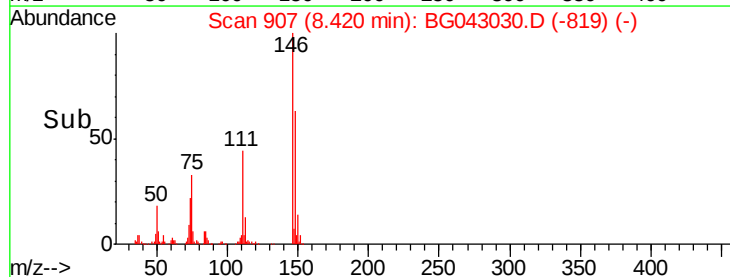
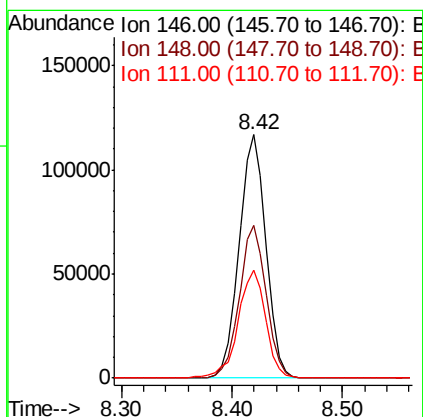
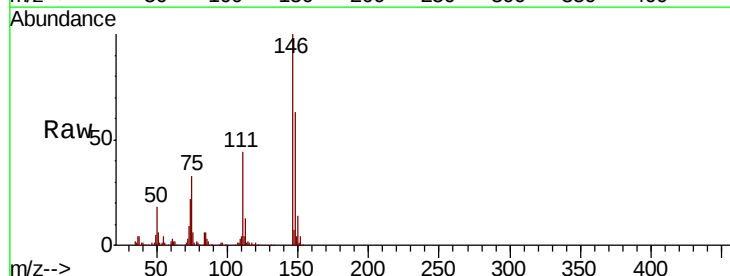
Instrument :
 BNA_G
 ClientSampleId :

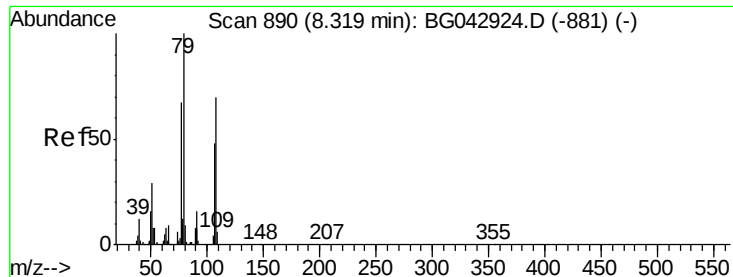
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
111	41.4	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 39.131 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.4	80.2
111	44.1	38.5	57.7





#15

Benzyl Alcohol

Concen: 37.955 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

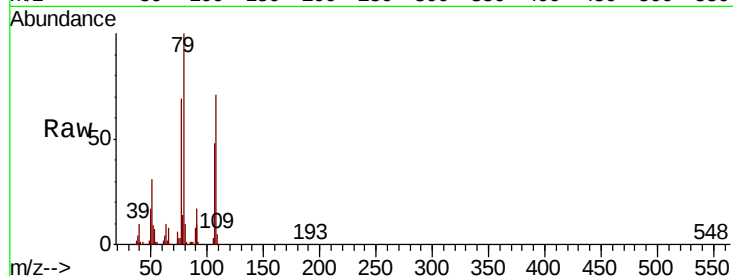
Tot Ion: 79 Resp: 165519

Ion Ratio Lower Upper

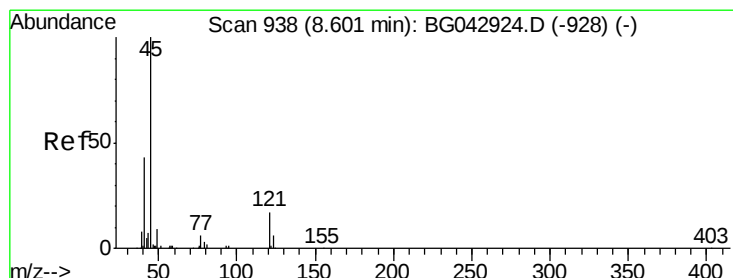
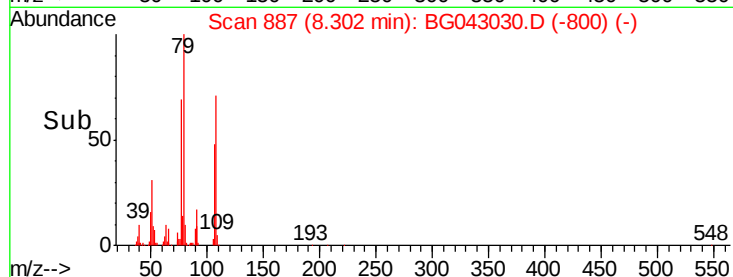
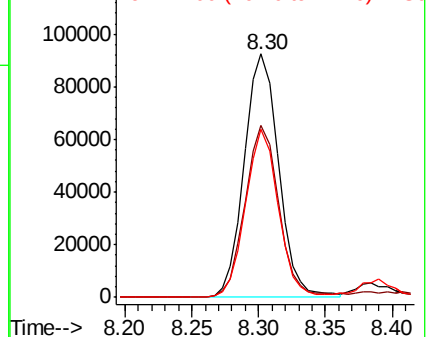
79 100

108 70.6 55.7 83.5

77 69.3 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.589 ng

RT: 8.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

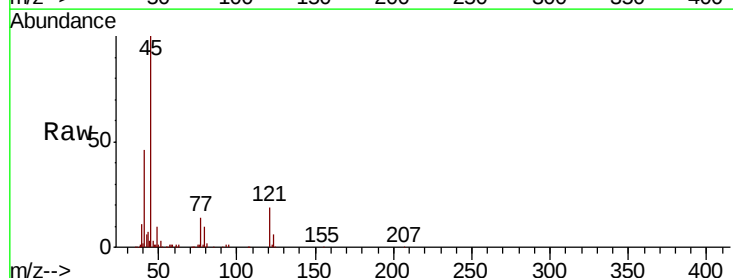
Tgt Ion: 45 Resp: 265609

Ion Ratio Lower Upper

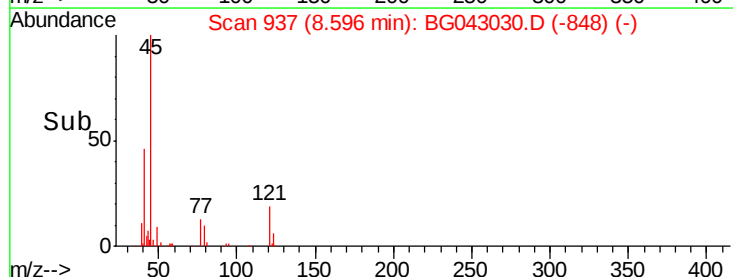
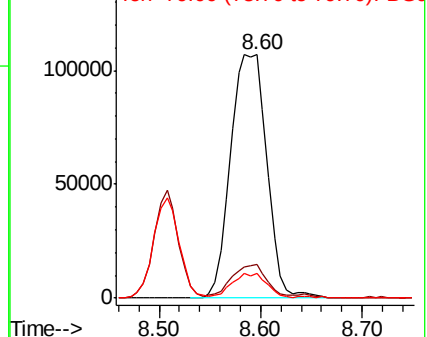
45 100

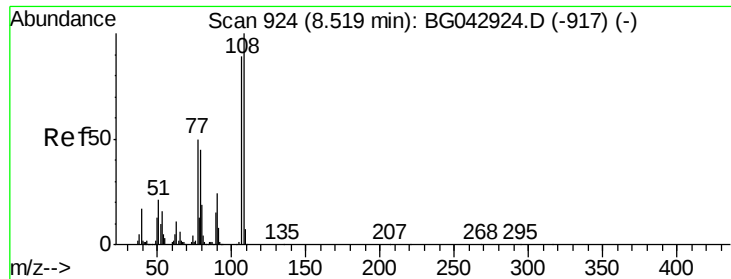
77 13.6 0.0 32.8

79 10.4 0.0 29.4



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

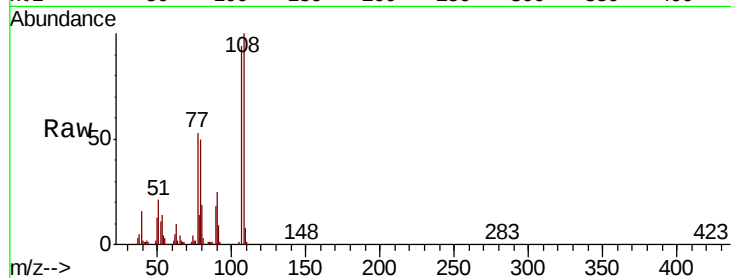




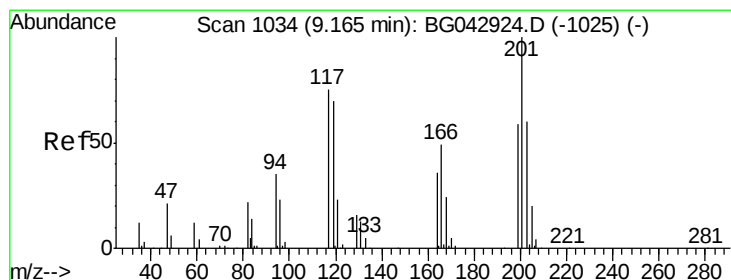
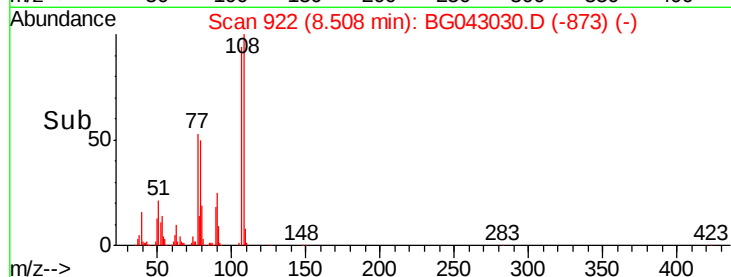
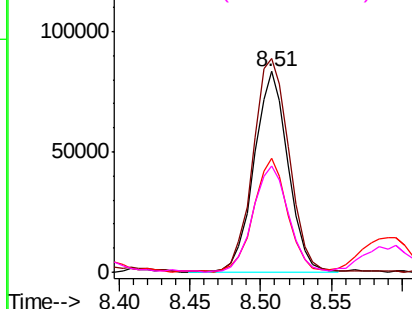
#17
2-Methylphenol
Concen: 37.886 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 141074
Ion Ratio Lower Upper
107 100
108 106.5 89.9 134.9
77 56.9 45.4 68.2
79 52.9 41.4 62.0

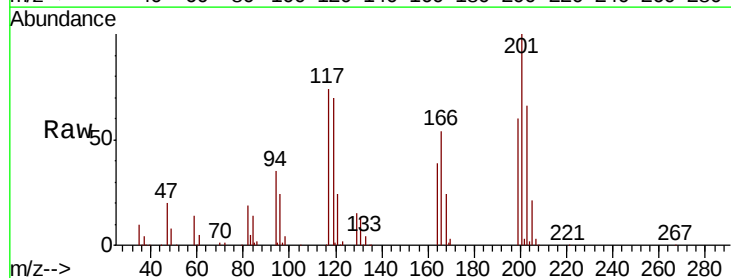


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGO
Ion 79.00 (78.70 to 79.70): BGO

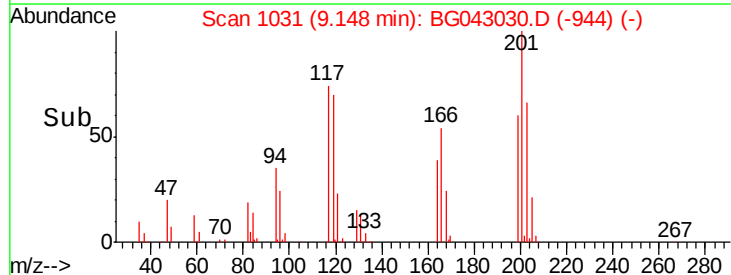
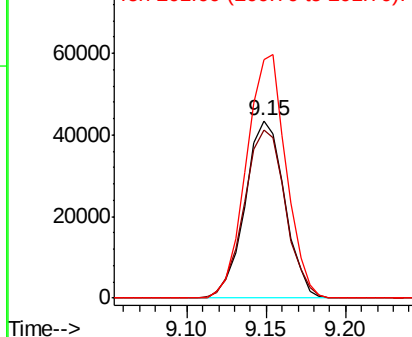


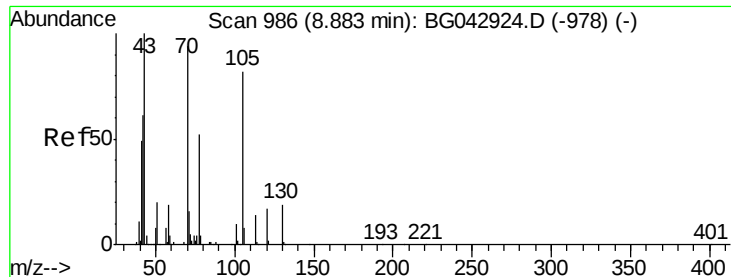
#18
Hexachloroethane
Concen: 37.472 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion:117 Resp: 75388
Ion Ratio Lower Upper
117 100
119 94.9 74.6 111.8
201 134.8 106.0 159.0



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

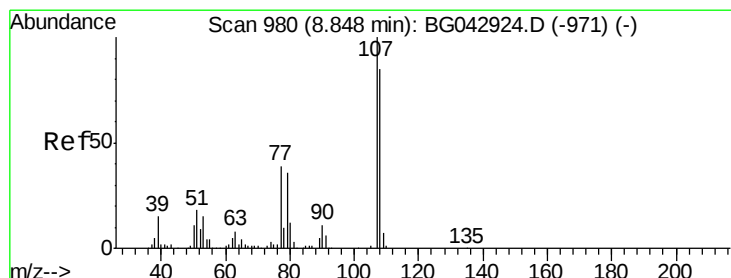
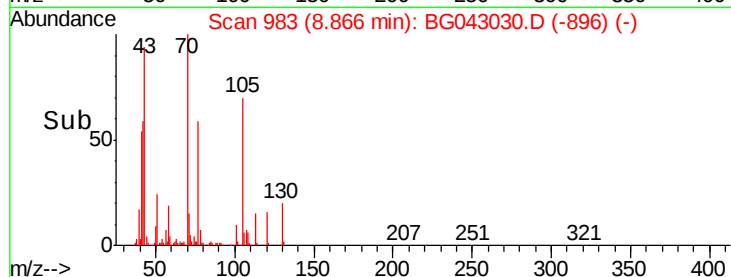
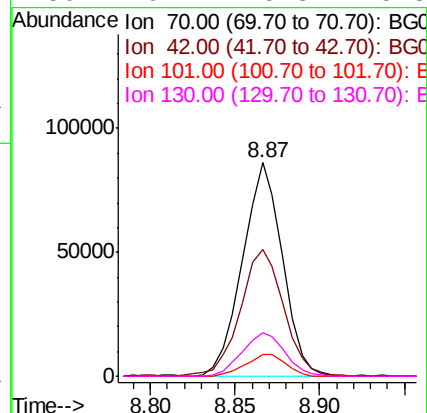
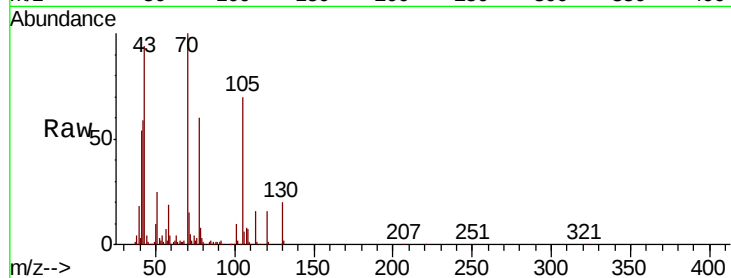




#19
n-Nitroso-di-n-propylamine
Concen: 37.208 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

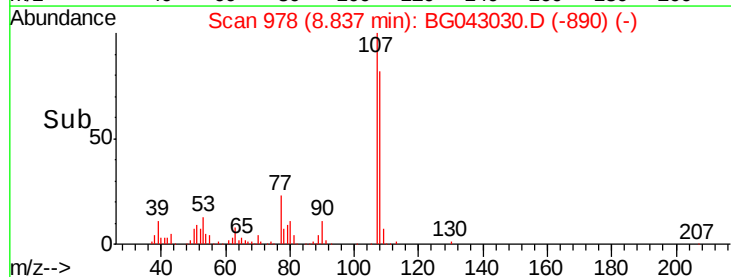
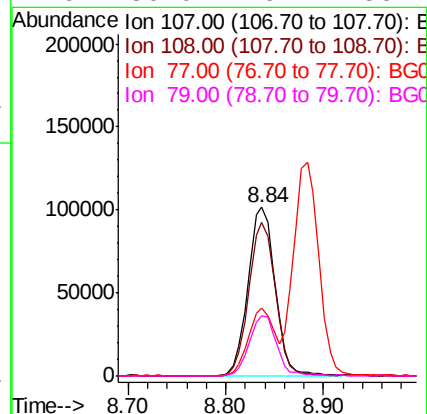
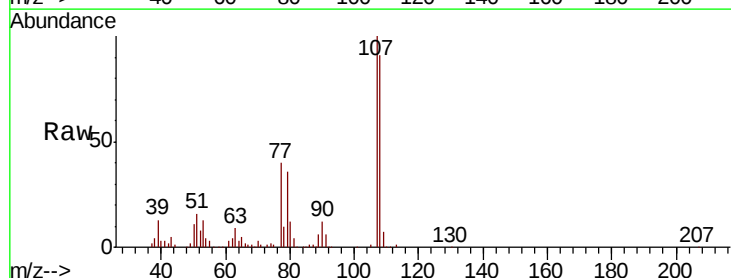
Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	141715
Ion	Ratio	Lower	Upper
70	100		
42	59.3	52.6	79.0
101	10.1	8.7	13.1
130	20.4	15.8	23.8



#20
3+4-Methylphenols
Concen: 38.567 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion:	107	Resp:	196804
Ion	Ratio	Lower	Upper
107	100		
108	91.3	64.9	104.9
77	39.9	19.4	59.4
79	36.0	16.2	56.2

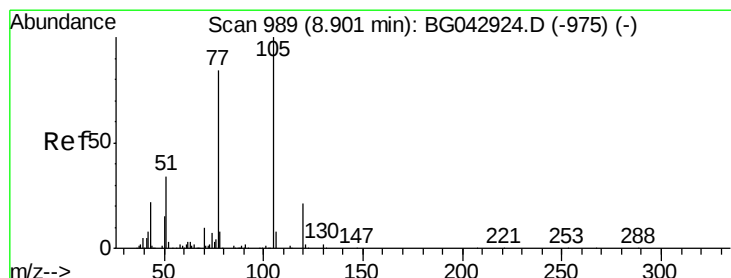
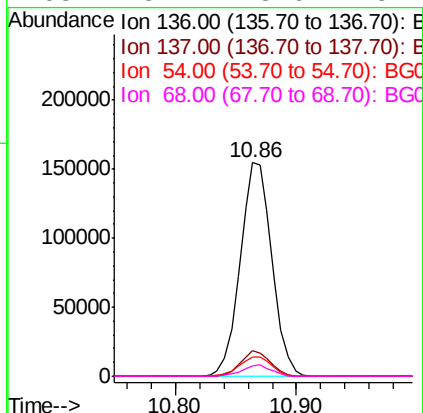
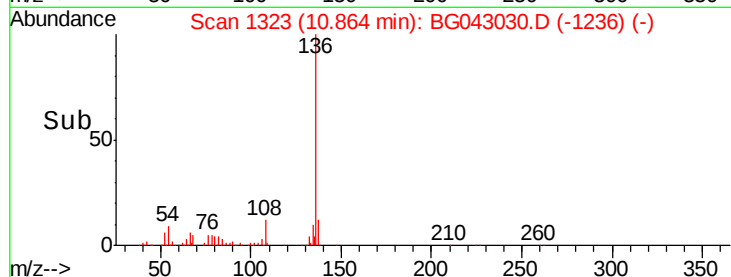
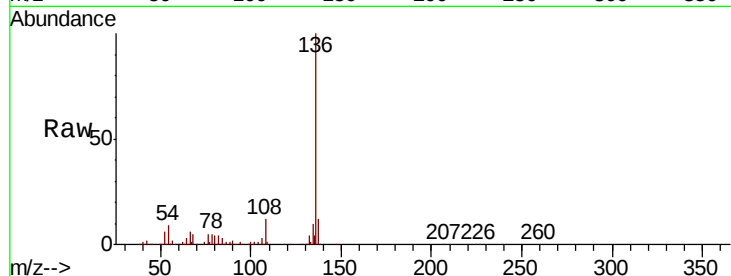




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

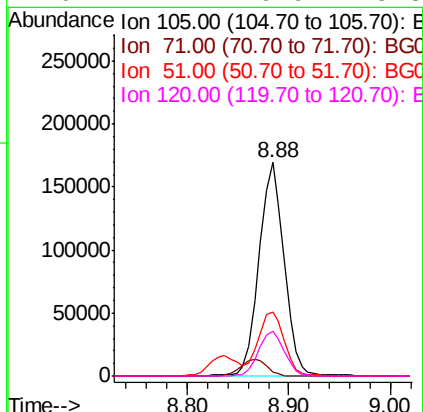
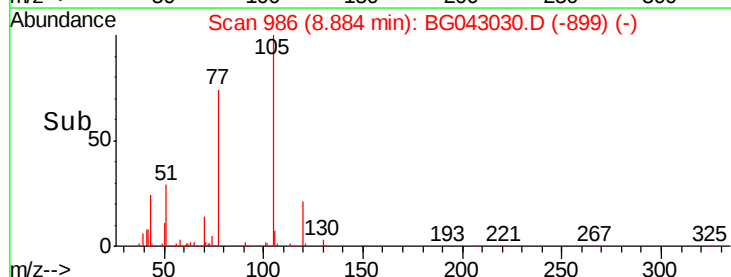
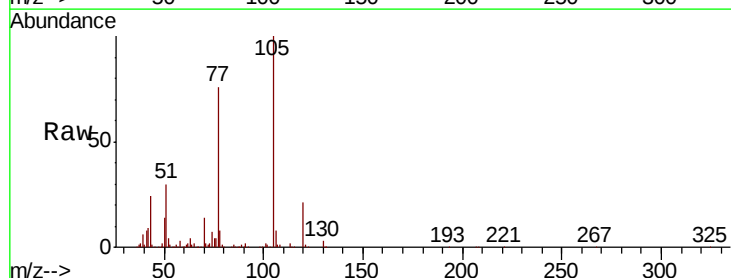
Instrument :
BNA_G
ClientSampleId :

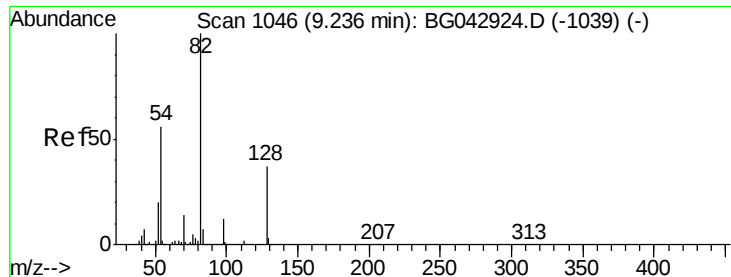
Tot Ion:136	Resp:	281994	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	8.5	12.7	
54 9.3	7.4	11.2	
68 5.1	3.6	5.4	



#22
Acetophenone
Concen: 40.115 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt	Ion:105	Resp:	291594
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.2	1.8#
51	29.9	27.2	40.8
120	21.1	16.9	25.3

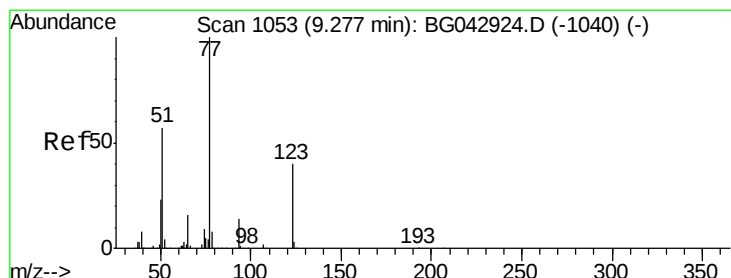
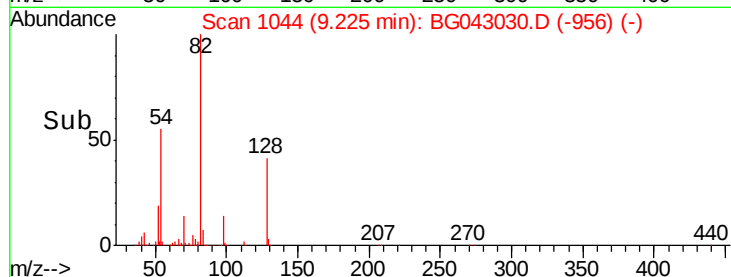
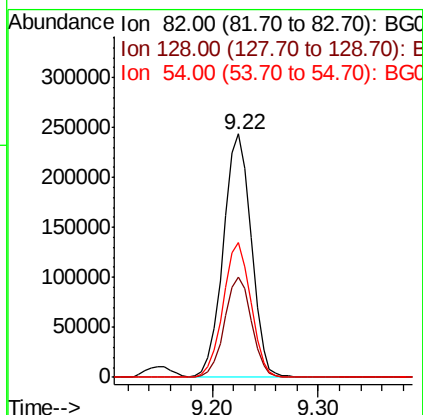
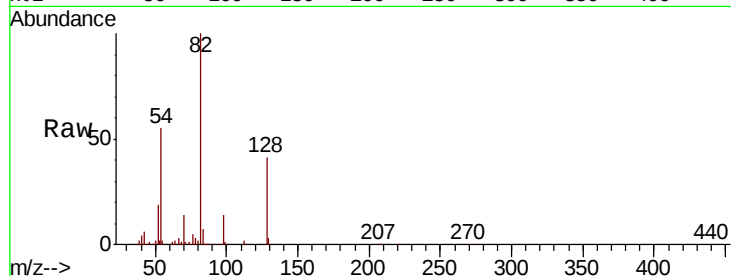




#23
 Nitrobenzene-d5
 Concen: 76.693 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

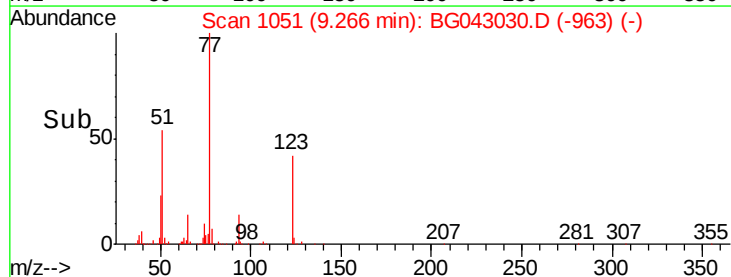
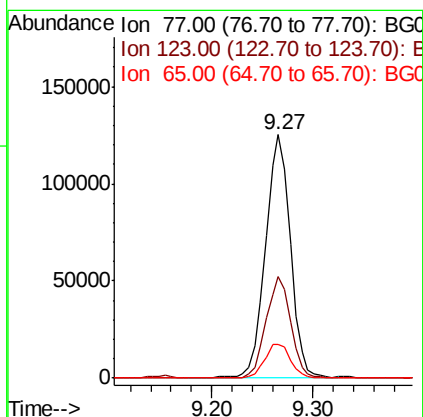
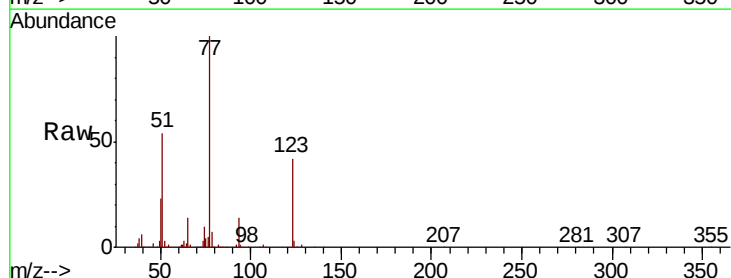
Instrument :
 BNA_G
 ClientSampleId :

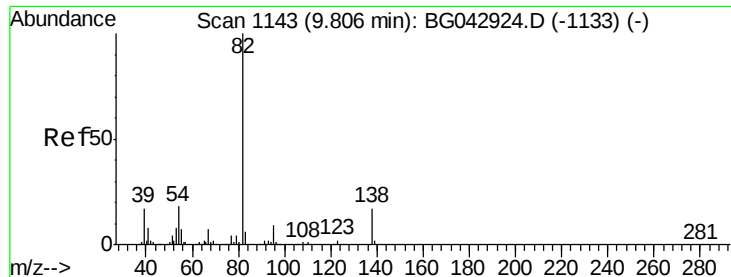
Tot Ion	82	Resp	444954
Ion Ratio	Lower	Upper	
82	100		
128	41.3	29.5	44.3
54	55.3	44.6	67.0



#24
 Nitrobenzene
 Concen: 38.718 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion	77	Resp	214264
Ion Ratio	Lower	Upper	
77	100		
123	41.8	31.9	47.9
65	14.1	12.4	18.6

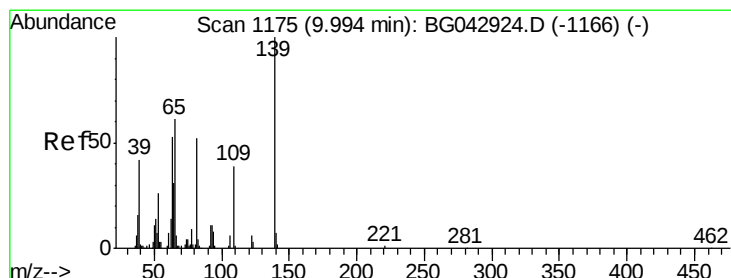
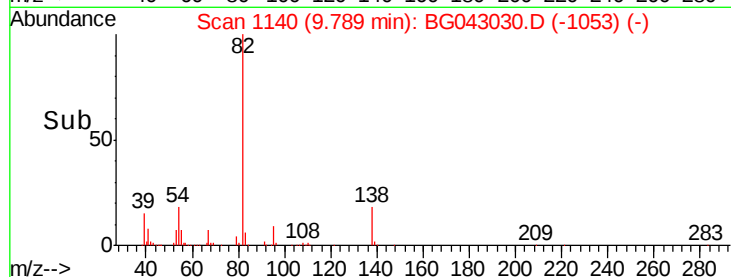
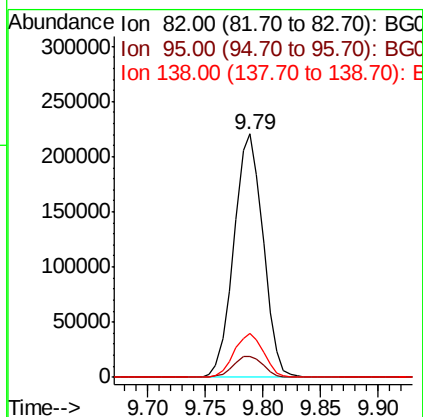
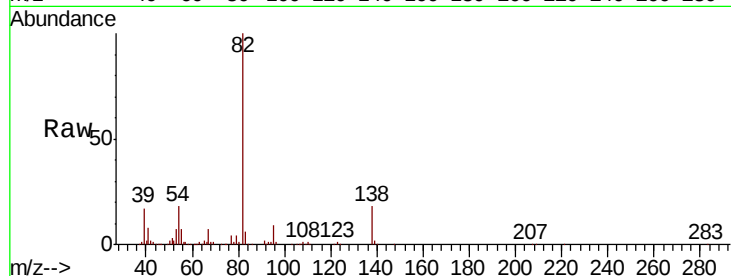




#25
Isophorone
Concen: 37.870 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

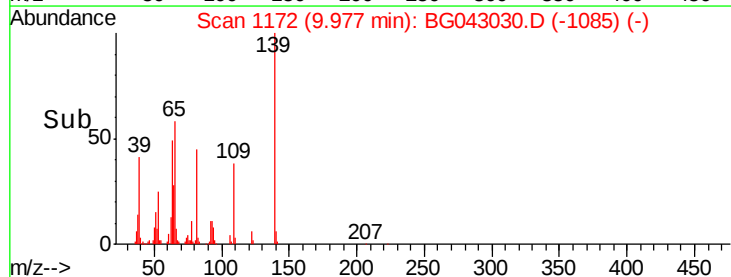
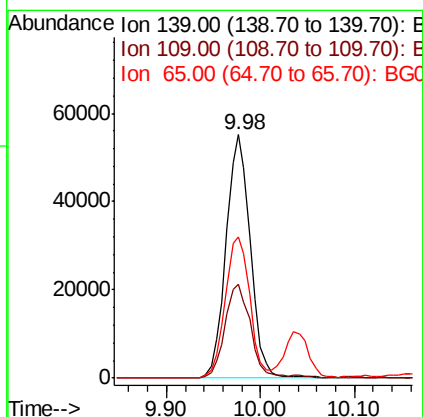
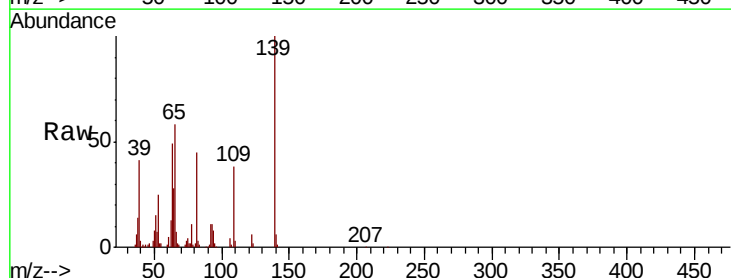
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 385933
Ion Ratio Lower Upper
82 100
95 8.8 7.0 10.4
138 18.0 13.8 20.6



#26
2-Nitrophenol
Concen: 41.965 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion: 139 Resp: 98861
Ion Ratio Lower Upper
139 100
109 38.4 31.0 46.6
65 57.8 48.4 72.6

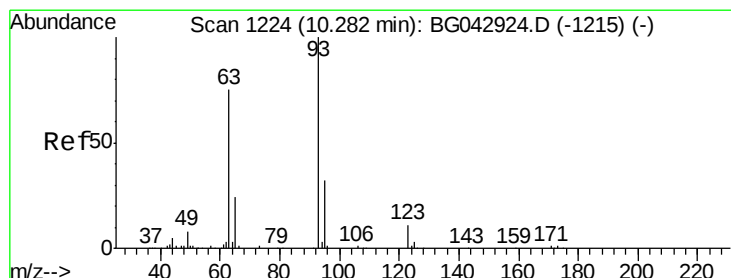
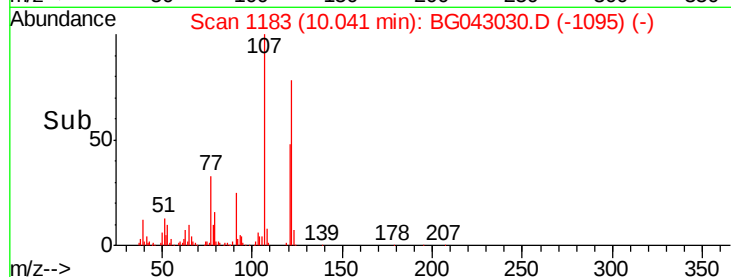
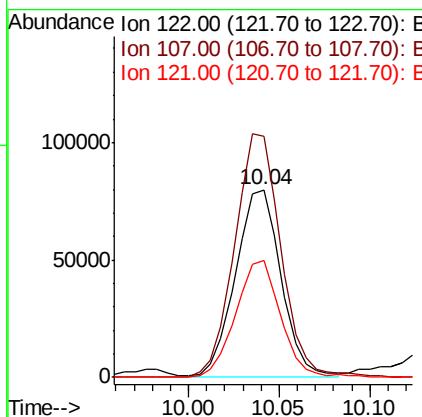
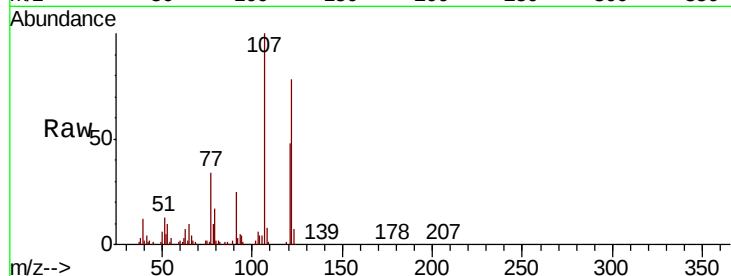




#27
 2,4-Dimethylphenol
 Concen: 38.551 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

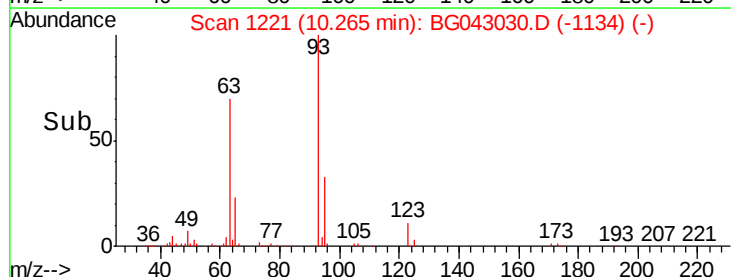
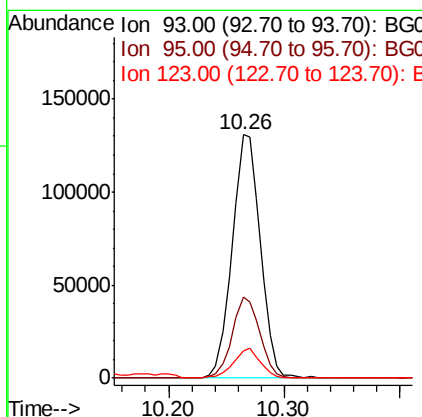
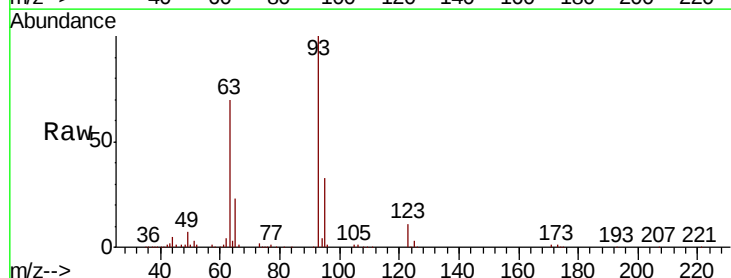
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.6	102.2	153.2
121	62.3	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.175 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.4	38.0
123	11.1	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 40.566 ng

RT: 10.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

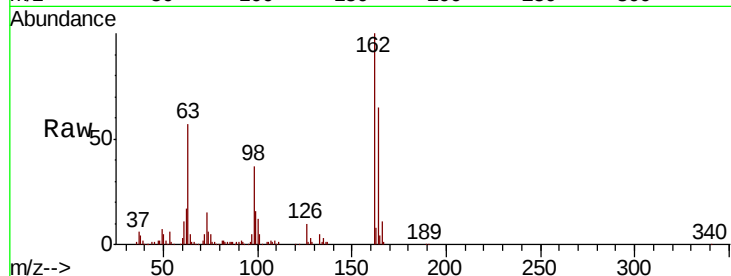
Tot Ion:162 Resp: 182525

Ion Ratio Lower Upper

162 100

164 64.6 44.7 84.7

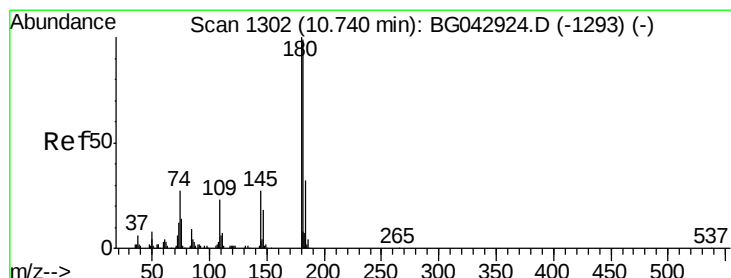
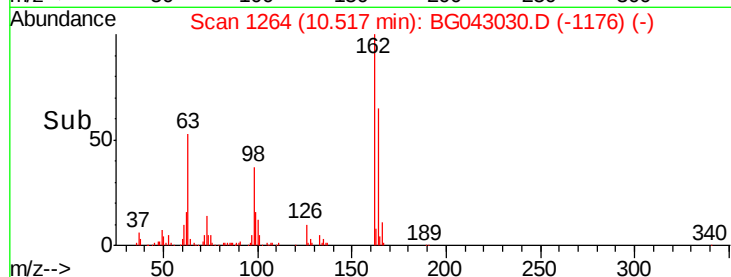
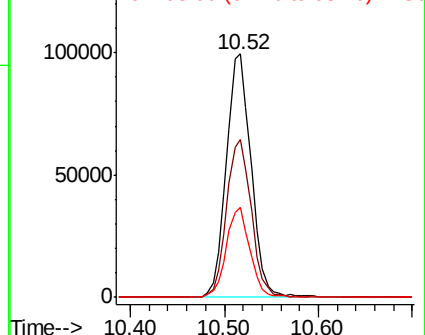
98 37.1 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.597 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

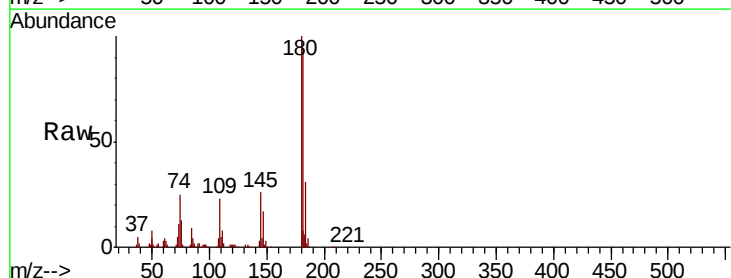
Tgt Ion:180 Resp: 230083

Ion Ratio Lower Upper

180 100

182 93.8 79.3 118.9

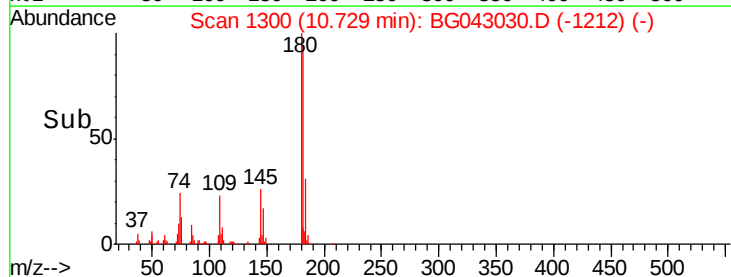
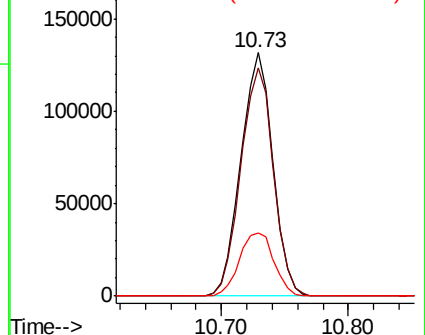
145 26.1 22.0 33.0



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

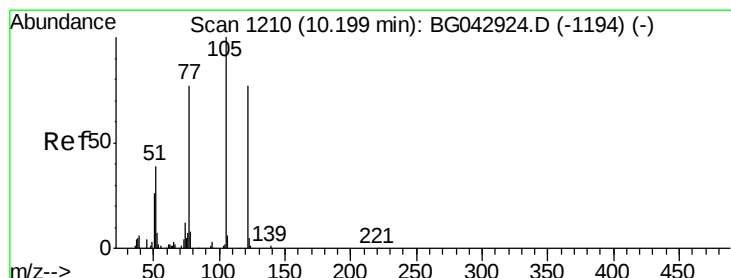
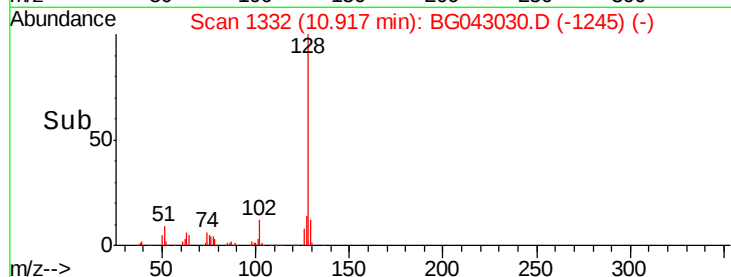
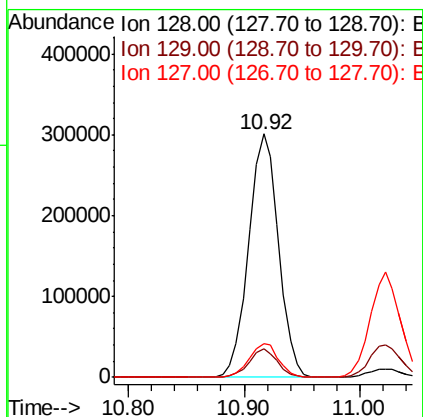
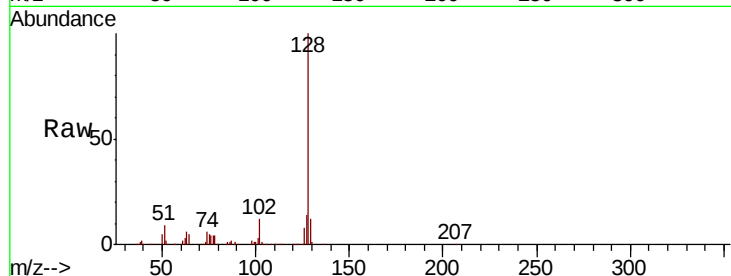




#31
Naphthalene
Concen: 39.005 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

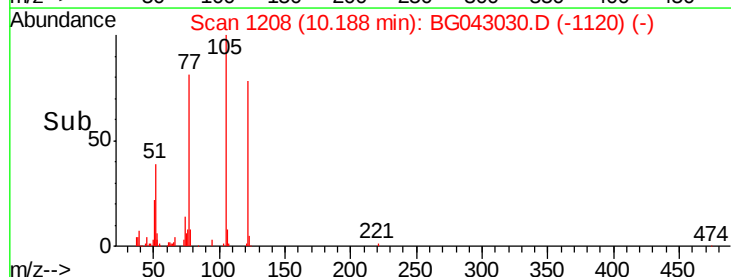
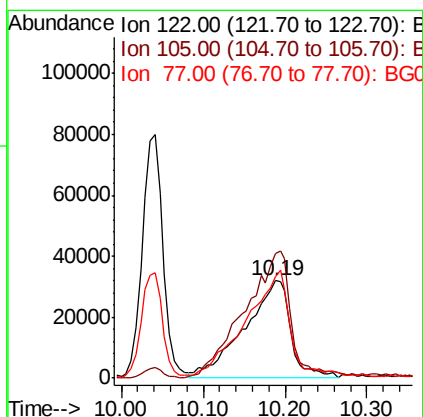
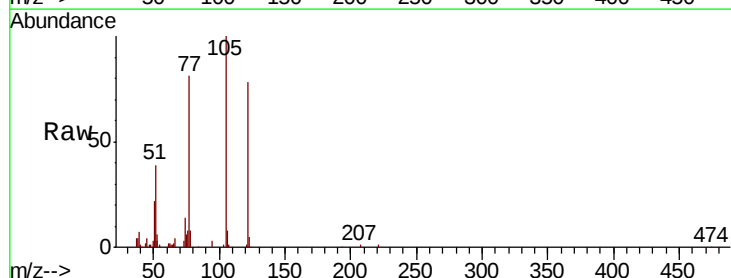
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.0	11.3	16.9



#32
Benzoic acid
Concen: 45.365 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	107.5	147.5
77	104.5	79.8	119.8

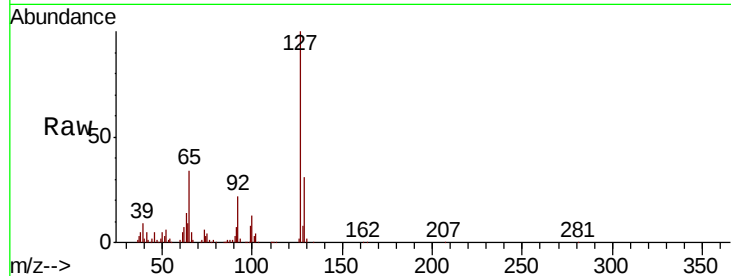




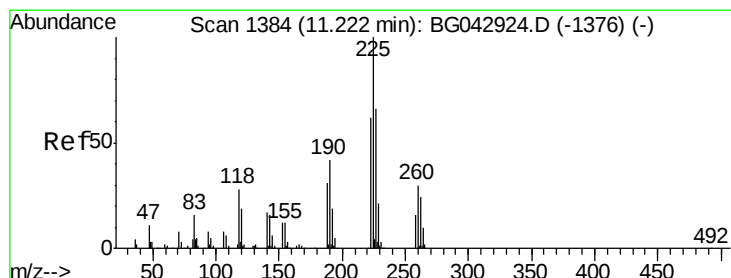
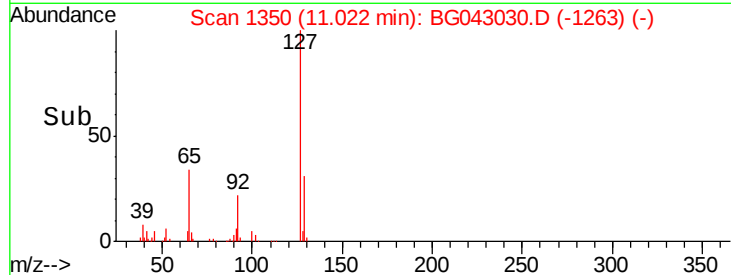
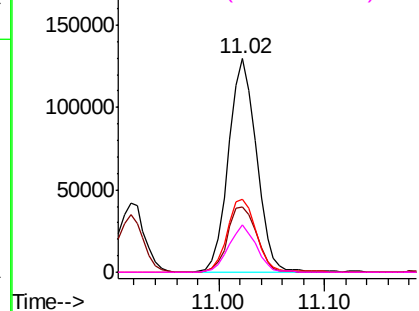
#33
4-Chloroaniline
Concen: 39.719 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	239250
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.2	39.2
65	34.1	30.6	45.8
92	22.4	16.2	24.4

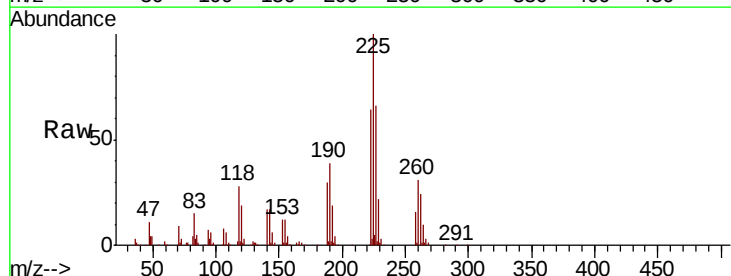


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

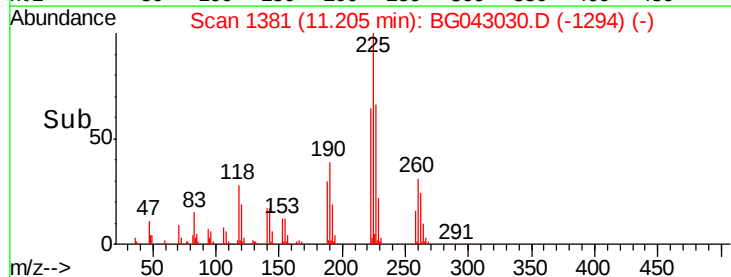
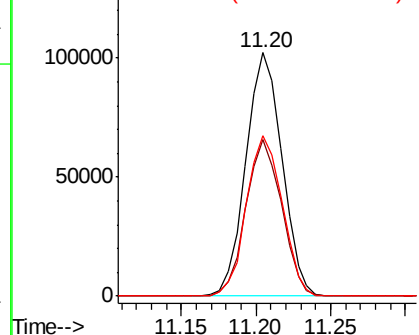


#34
Hexachlorobutadiene
Concen: 39.414 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion:	225	Resp:	171476
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.3	73.9
227	65.7	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

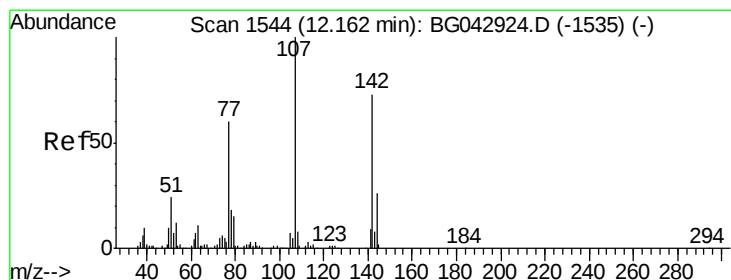
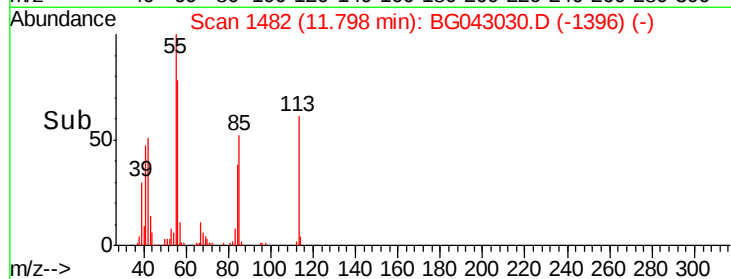
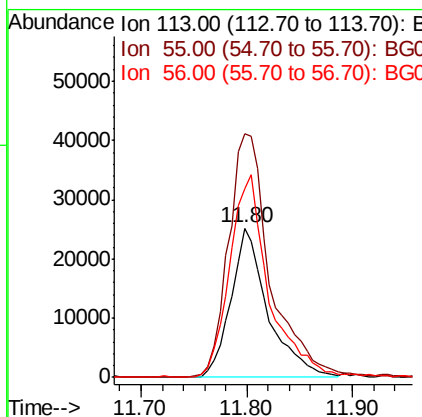
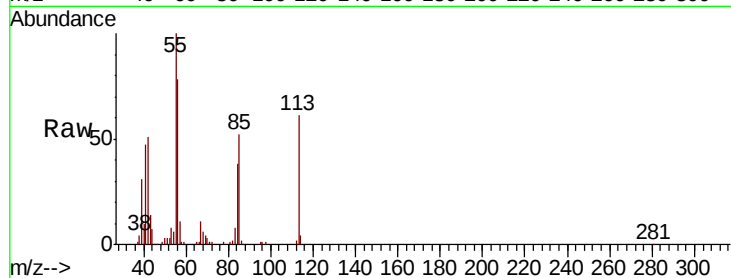




#35
 Caprolactam
 Concen: 38.602 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

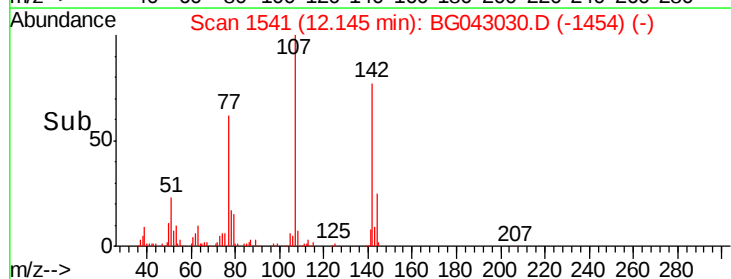
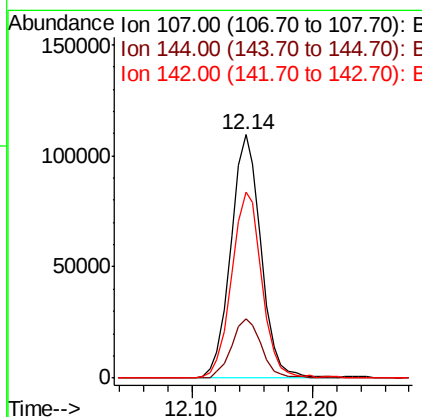
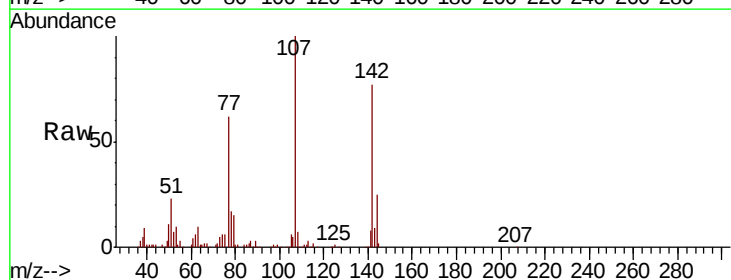
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 61252
 Ion Ratio Lower Upper
 113 100
 55 163.1 175.5 215.5#
 56 126.6 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 38.894 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion:107 Resp: 190280
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.7 31.1
 142 76.5 58.6 87.8

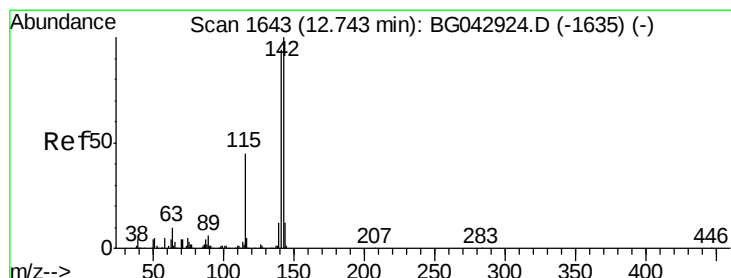
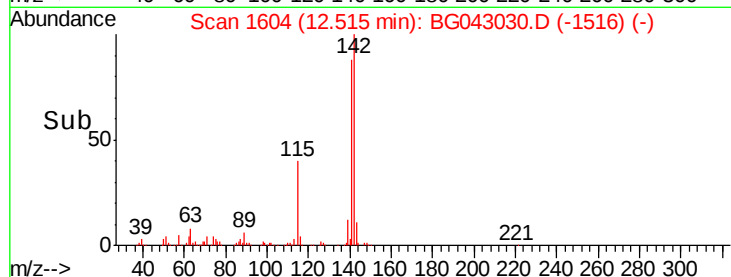
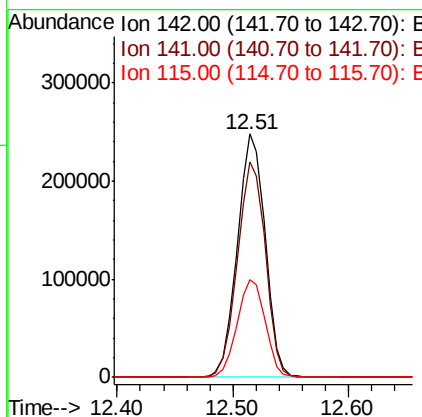
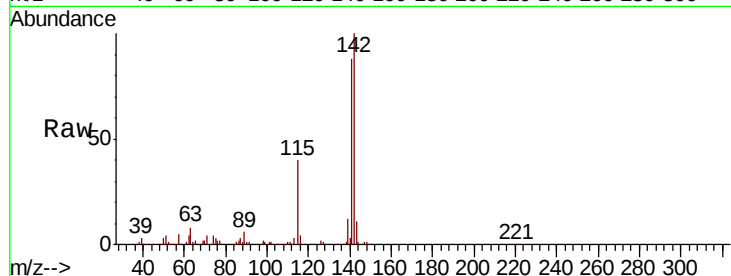




#37
 2-Methylnaphthalene
 Concen: 39.043 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

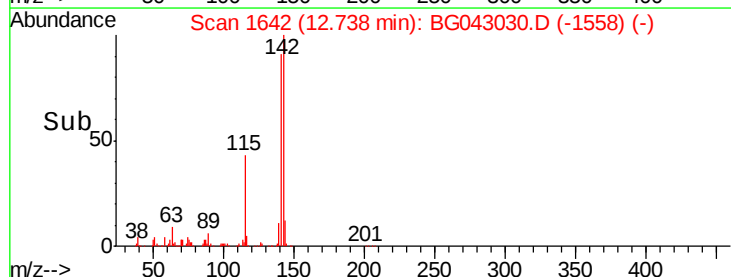
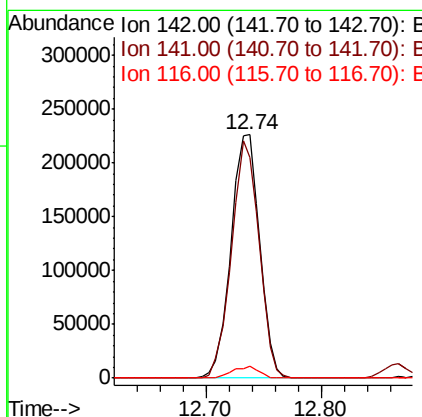
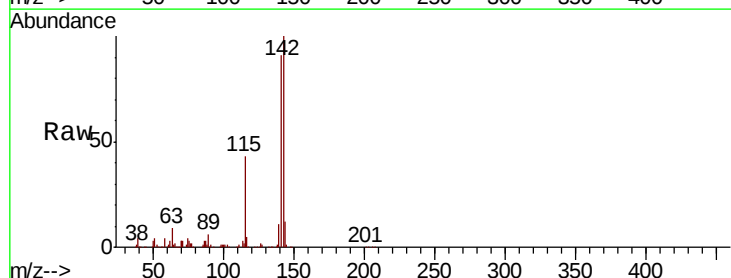
Instrument :
 BNA_G
 ClientSampleId :

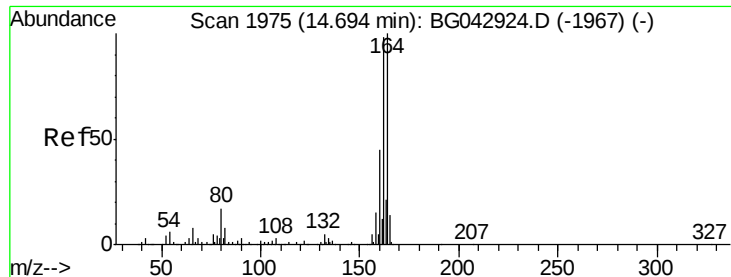
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.0	103.4
115	40.1	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 38.821 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.9	112.3
116	4.7	3.7	5.5

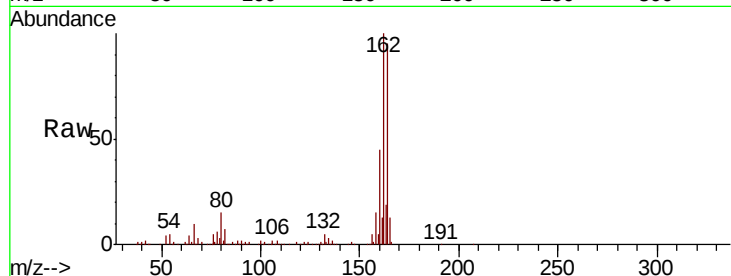




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.5	117.7
160	47.8	35.9	53.9

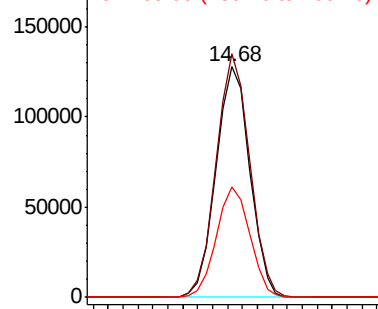


Abundance

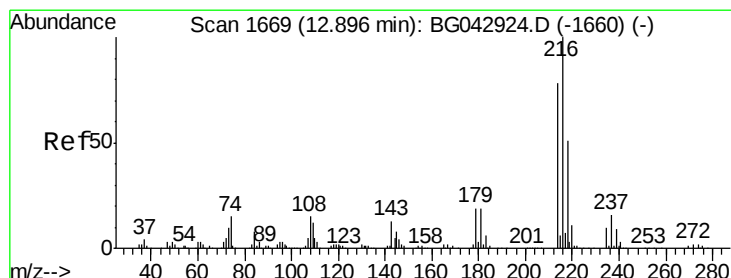
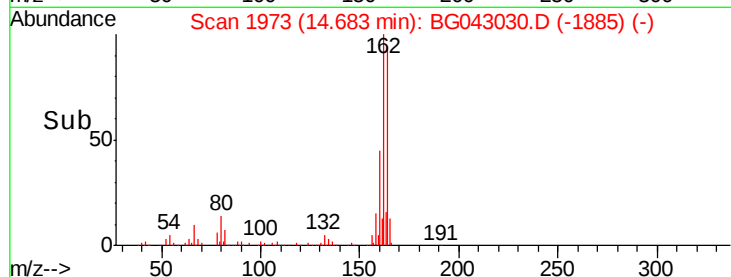
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

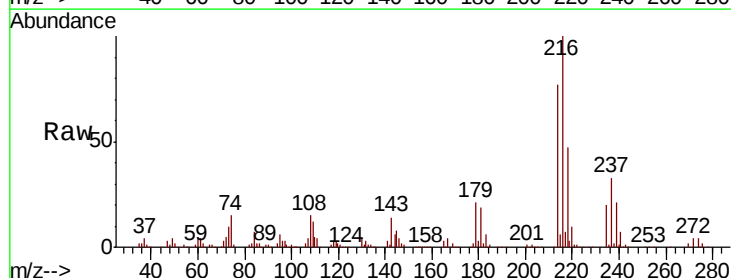


Time--> 14.60 14.65 14.70 14.75



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.253 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	20.0	15.4	23.2
108	15.7	12.6	19.0



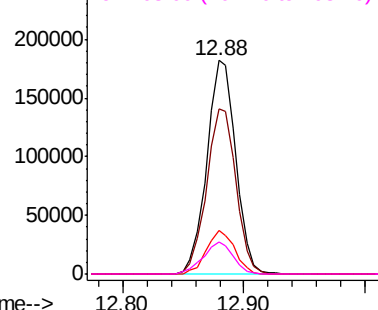
Abundance

Ion 216.00 (215.70 to 216.70): E

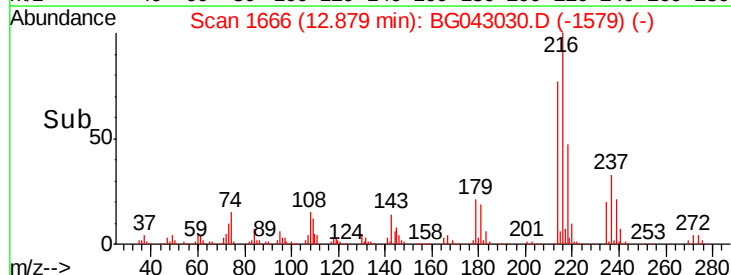
Ion 214.00 (213.70 to 214.70): E

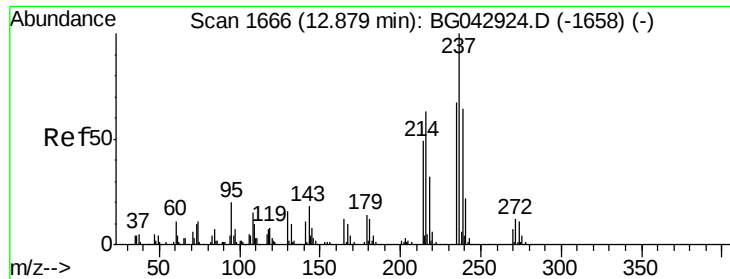
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.80 12.90

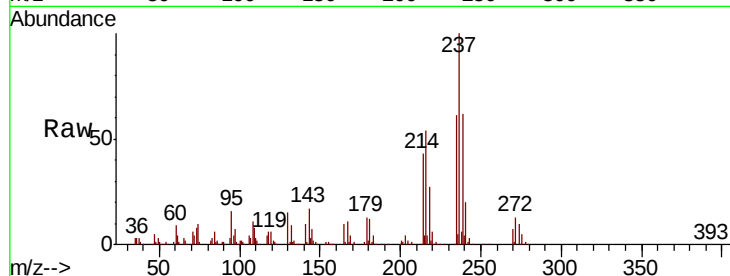




#41
Hexachlorocyclopentadiene
Concen: 46.614 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.0	46.7	86.7
272	12.8	0.0	32.3

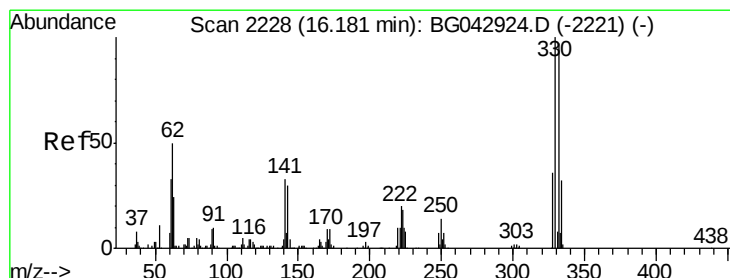
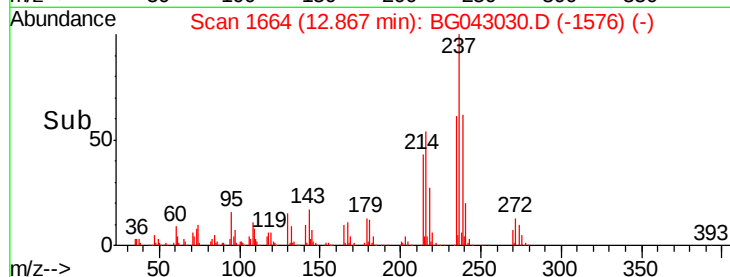
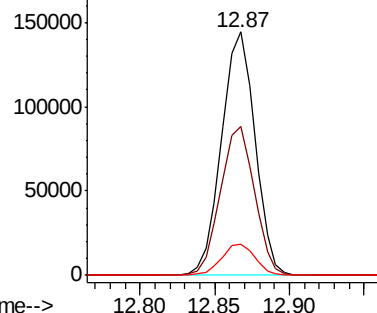


Abundance

Ion 236.80 (236.50 to 237.50): E

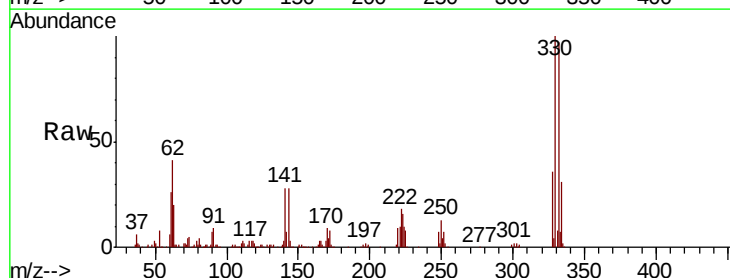
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 83.260 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	28.8	26.0	39.0

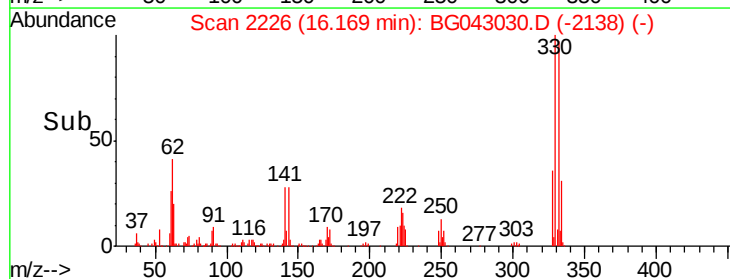
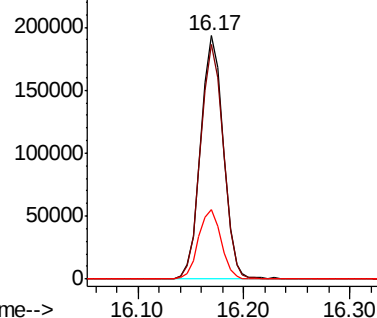


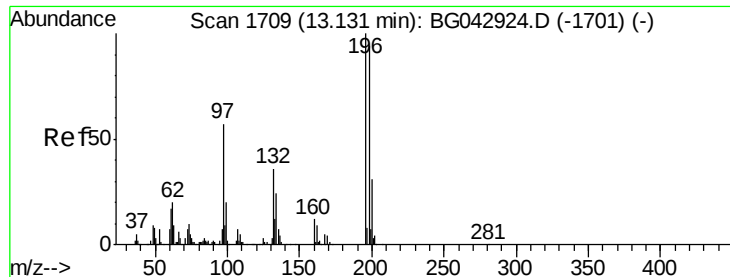
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

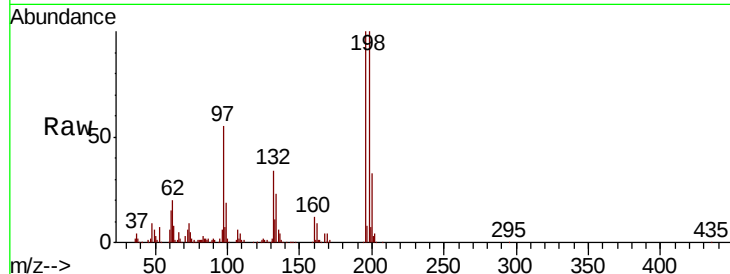




#43
 2,4,6-Trichlorophenol
 Concen: 40.699 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	75.5	113.3
200	32.8	24.9	37.3

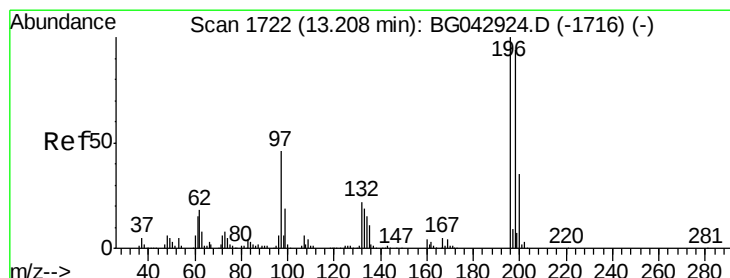
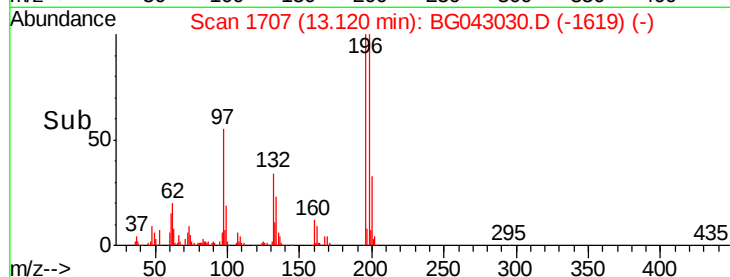
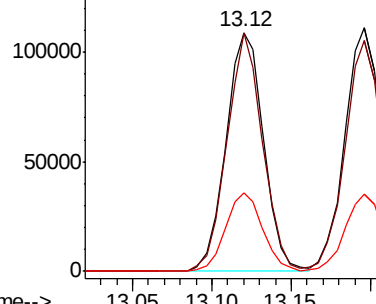


Abundance

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: 40.305 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.1	112.7
97	46.1	37.0	55.4
132	20.8	17.5	26.3

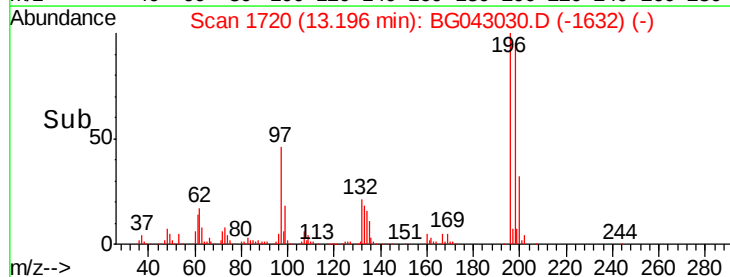
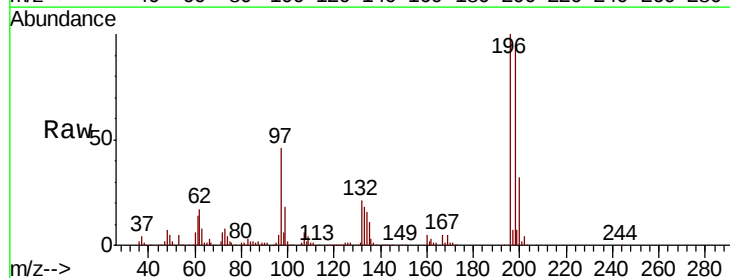
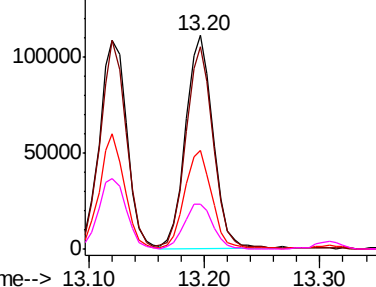
Abundance

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

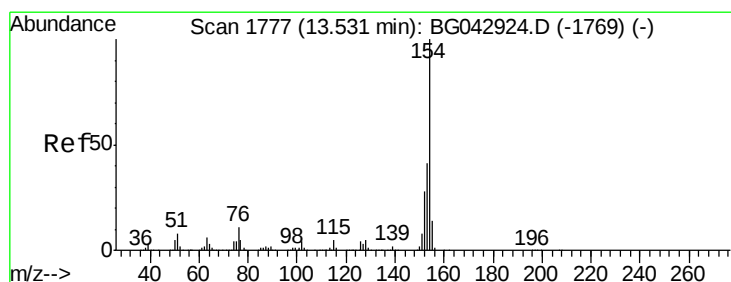
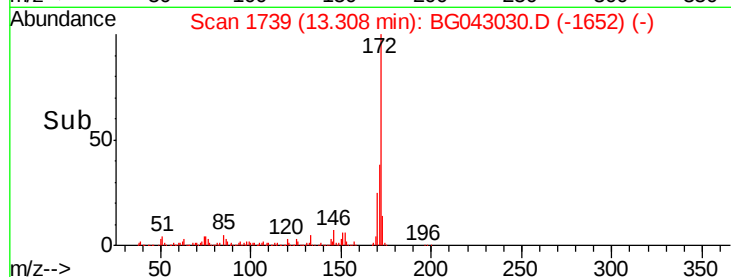
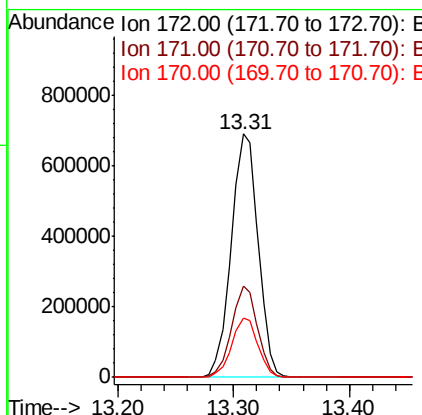
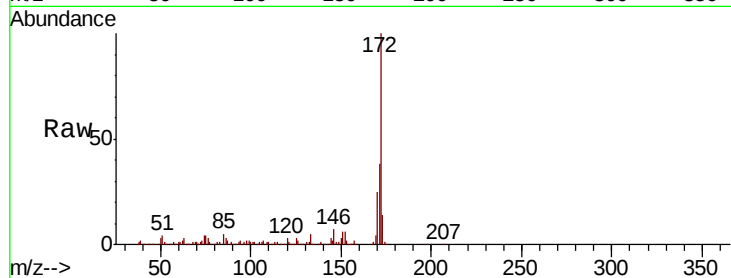




#45
 2-Fluorobiphenyl
 Concen: 80.448 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

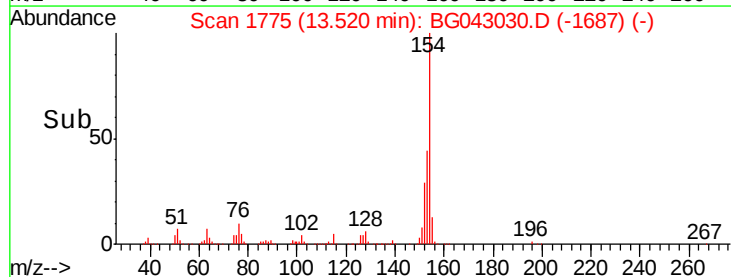
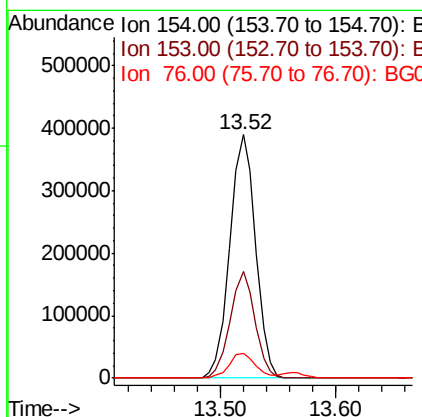
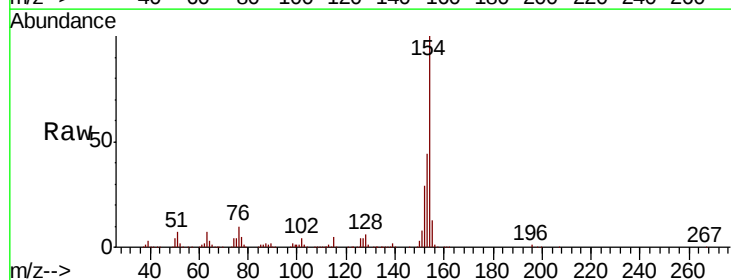
Instrument :
 BNA_G
 ClientSampleId :

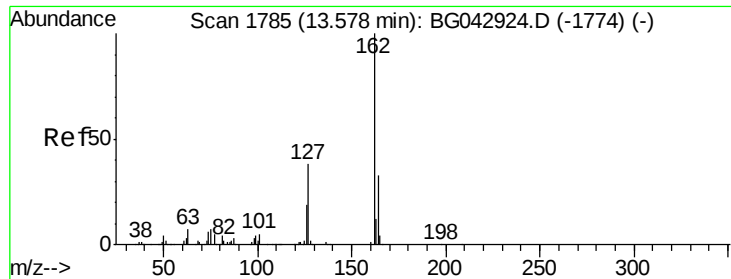
Tot Ion:172 Resp: 1109555
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 24.6 19.6 29.4



#46
 1,1'-Biphenyl
 Concen: 39.579 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion:154 Resp: 600134
 Ion Ratio Lower Upper
 154 100
 153 43.7 21.4 61.4
 76 10.2 0.0 31.3





#47

2-Chloronaphthalene

Concen: 40.256 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

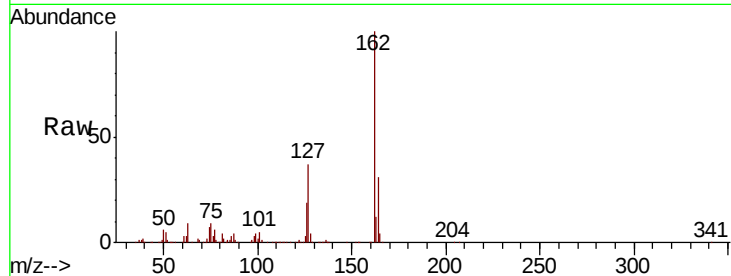
Tot Ion:162 Resp: 457643

Ion Ratio Lower Upper

162 100

127 37.2 31.0 46.6

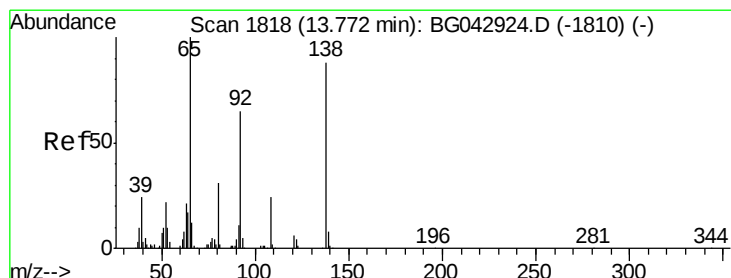
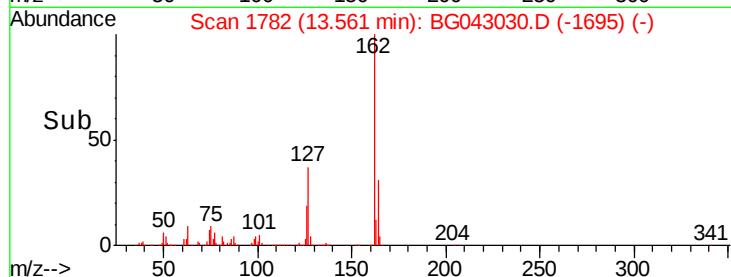
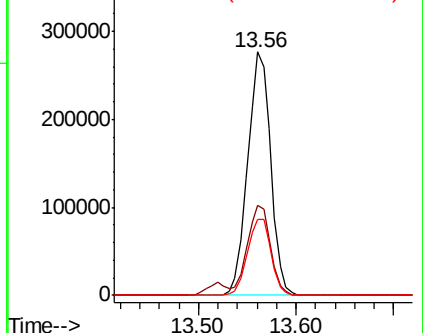
164 31.4 26.2 39.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.173 ng

RT: 13.76 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

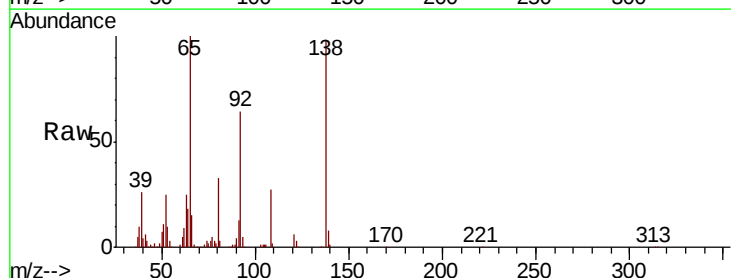
Tgt Ion: 65 Resp: 144312

Ion Ratio Lower Upper

65 100

92 64.2 52.0 78.0

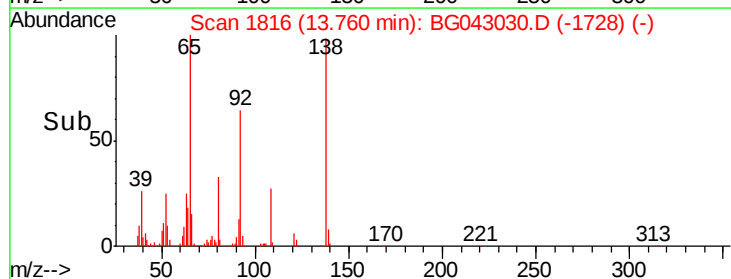
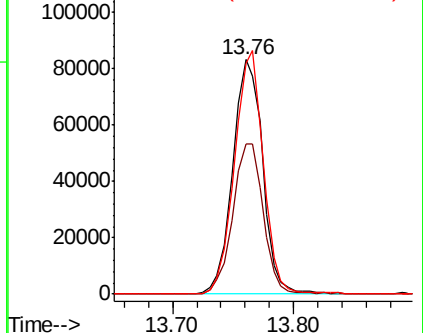
138 98.3 70.4 105.6

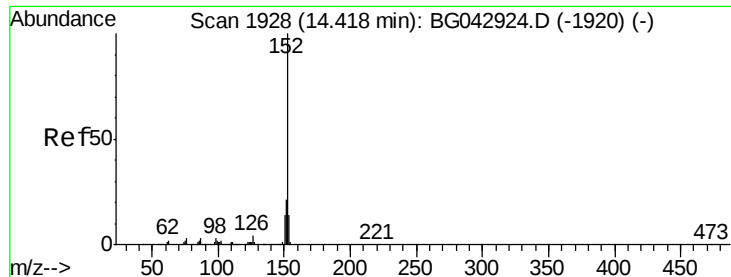


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.430 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampled :

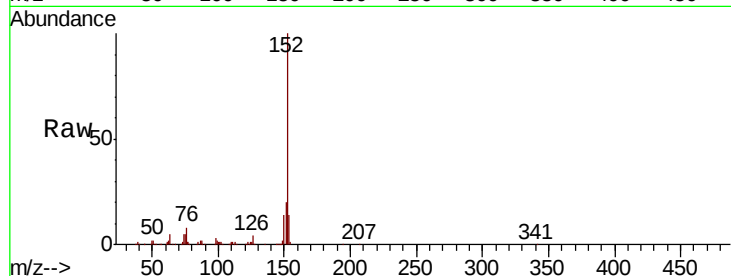
Tot Ion:152 Resp: 685902

Ion Ratio Lower Upper

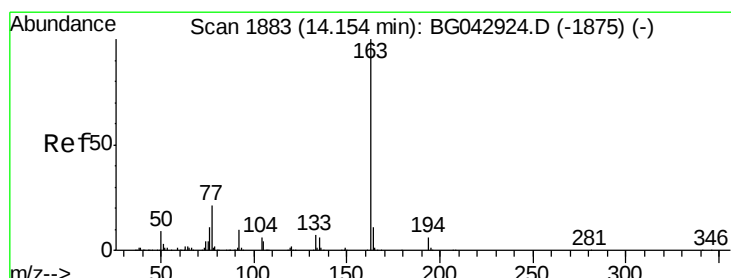
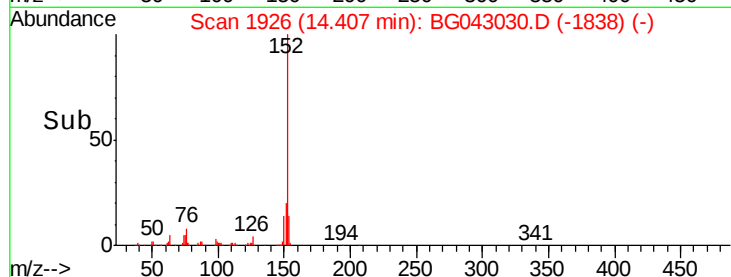
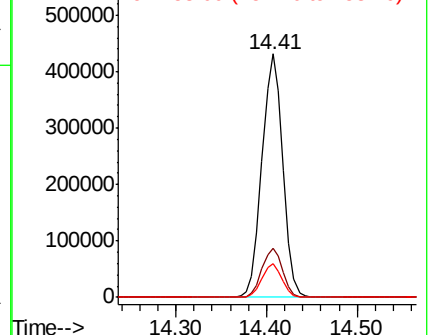
152 100

151 20.2 16.8 25.2

153 13.6 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.072 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

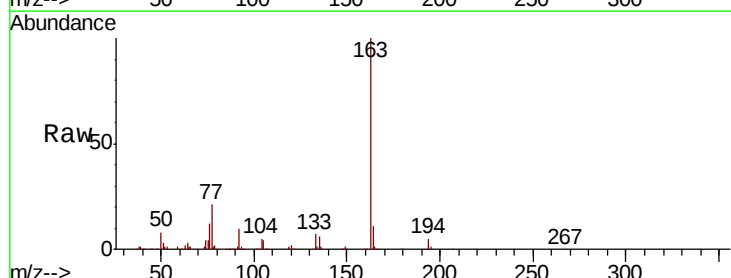
Tgt Ion:163 Resp: 585350

Ion Ratio Lower Upper

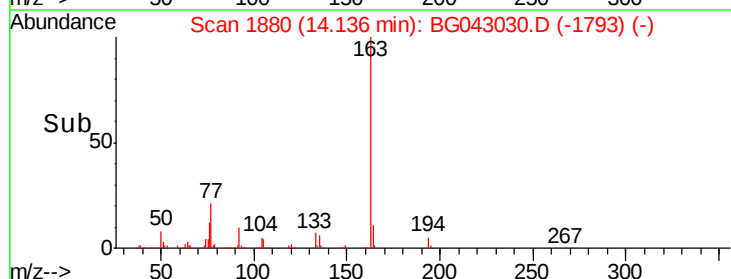
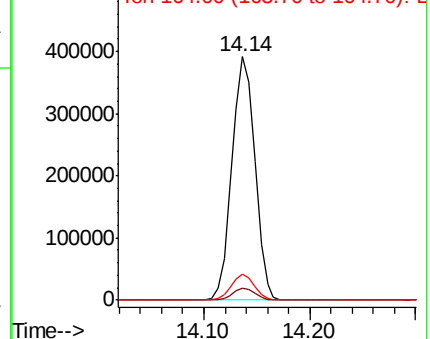
163 100

194 5.0 4.4 6.6

164 10.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

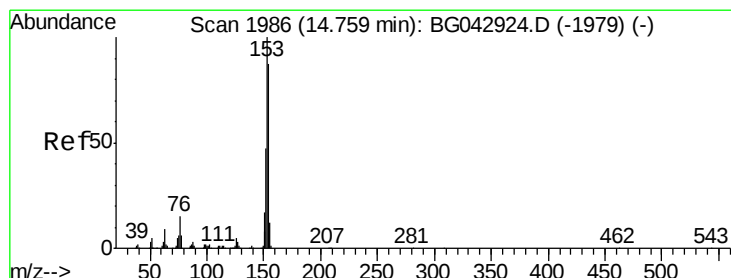
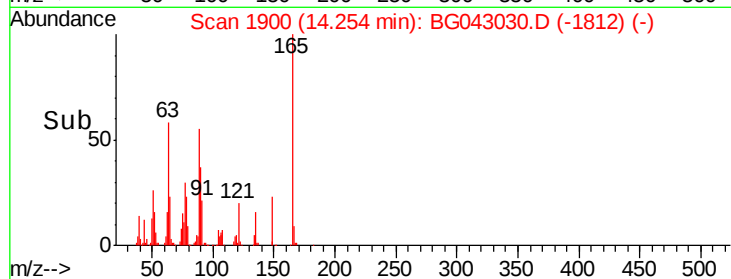
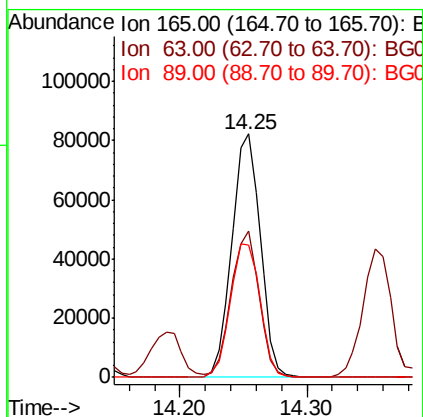
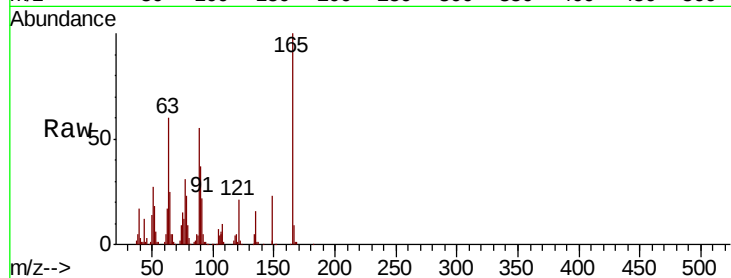




#51
 2,6-Dinitrotoluene
 Concen: 39.935 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

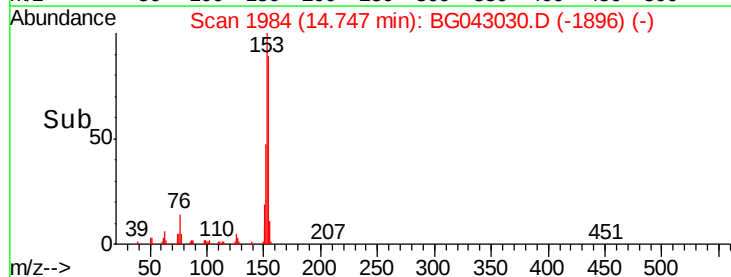
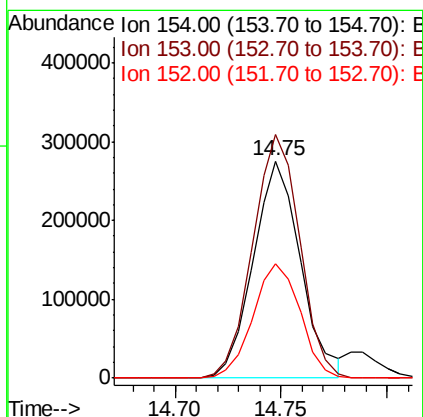
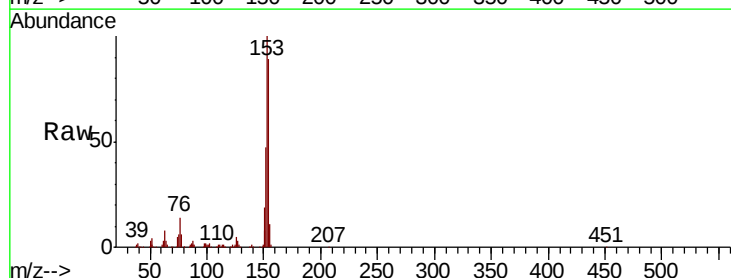
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.2	50.3	75.5
89	54.5	48.9	73.3



#52
 Acenaphthene
 Concen: 36.768 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.4	137.0
152	52.6	42.8	64.2

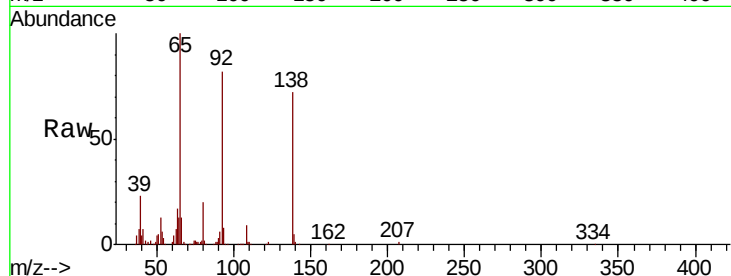




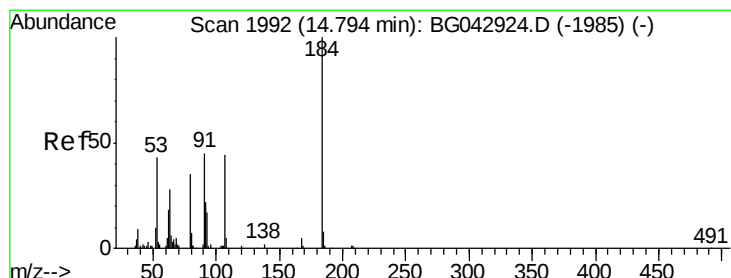
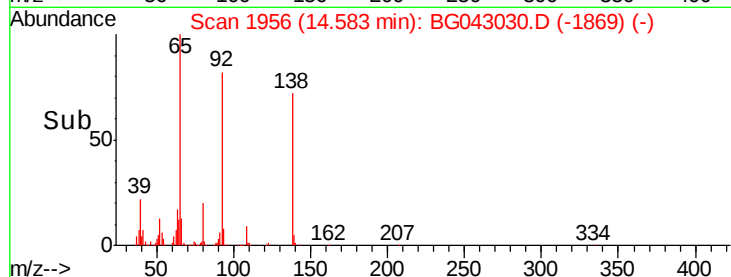
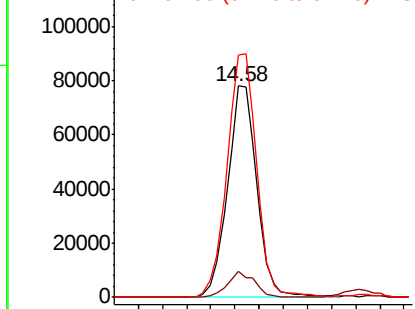
#53
3-Nitroaniline
Concen: 39.929 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 131648
Ion Ratio Lower Upper
138 100
108 12.1 7.9 11.9#
92 114.5 97.0 145.6

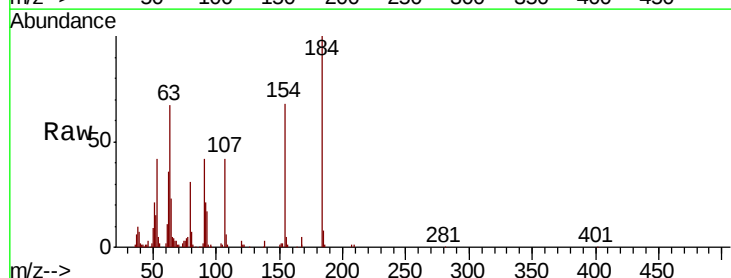


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

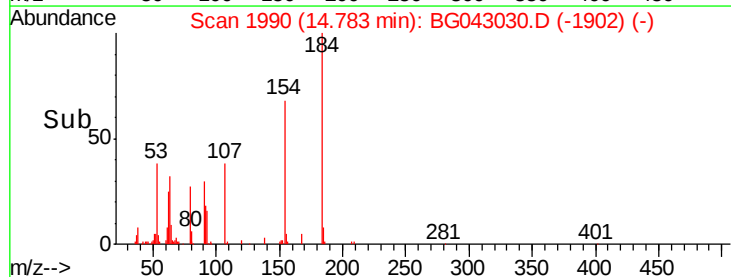
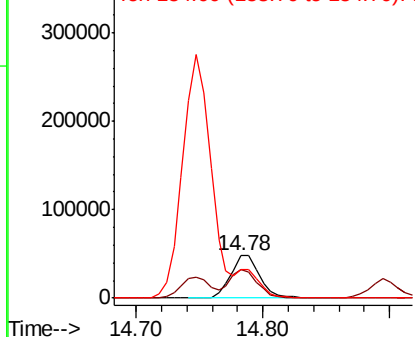


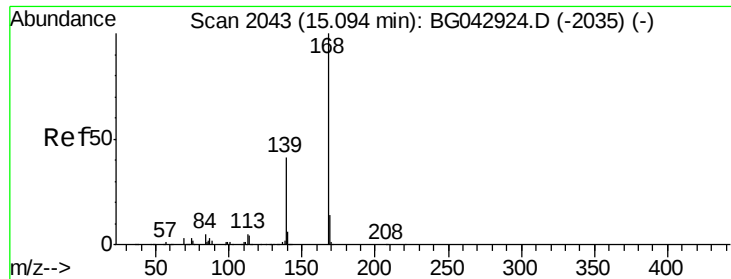
#54
2,4-Dinitrophenol
Concen: 38.517 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion:184 Resp: 76382
Ion Ratio Lower Upper
184 100
63 66.7 55.0 82.6
154 68.3 56.5 84.7



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

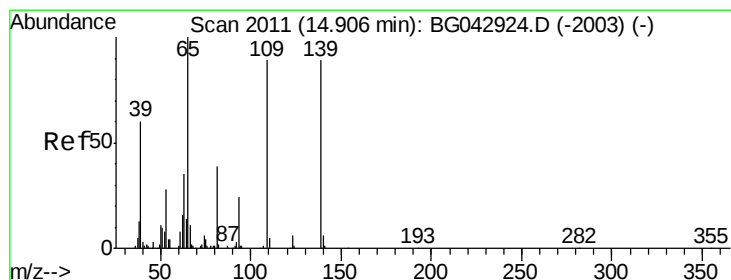
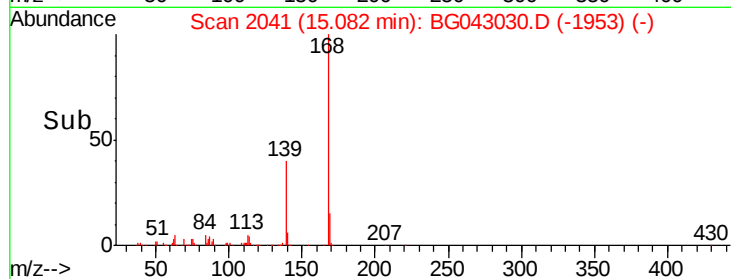
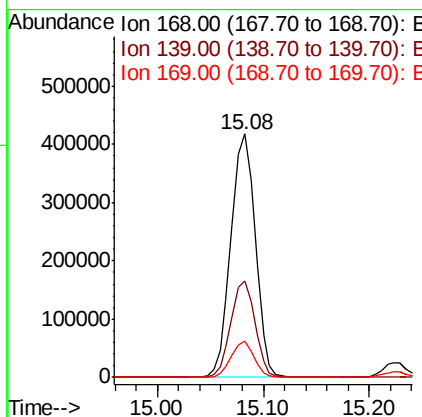
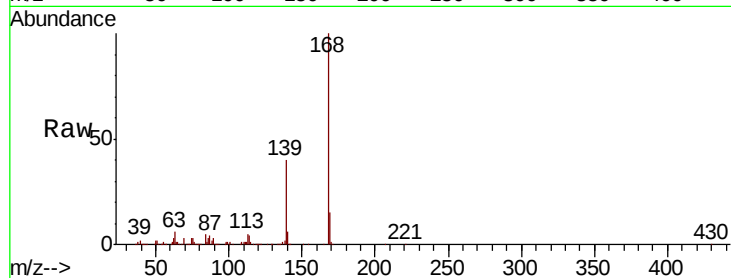




#55
Dibenzofuran
Concen: 38.714 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

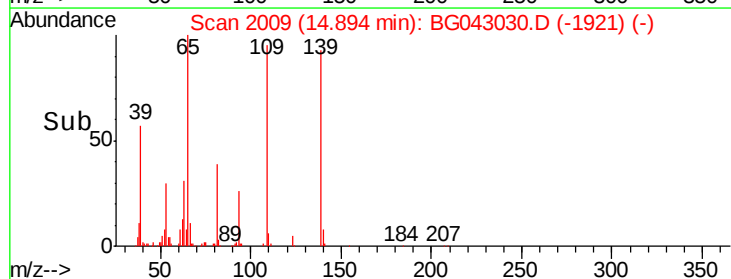
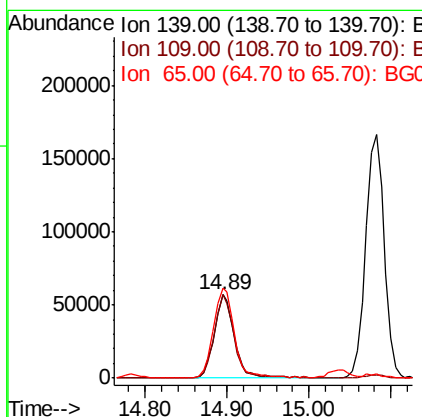
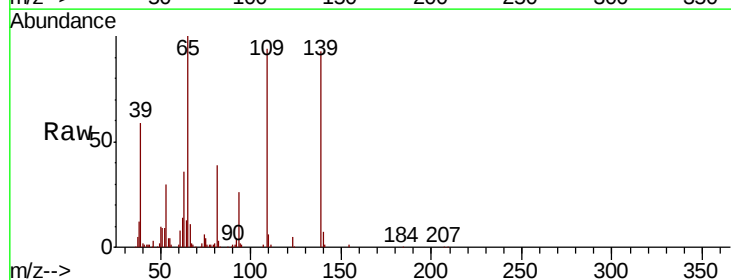
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.6	48.8
169	14.6	11.2	16.8



#56
4-Nitrophenol
Concen: 39.526 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.2	79.4	119.4
65	107.5	92.5	132.5

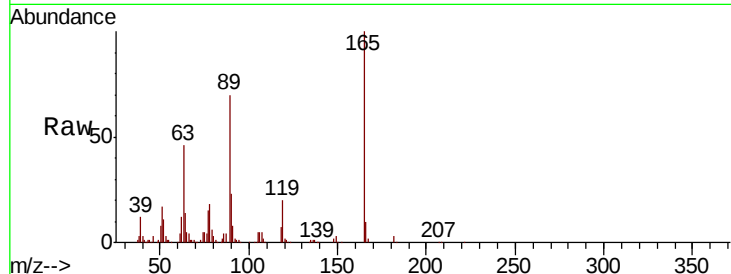




#57
 2,4-Dinitrotoluene
 Concen: 38.875 ng
 RT: 15.04 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.4	36.5	54.7
89	69.6	55.5	83.3
182	3.1	2.4	3.6



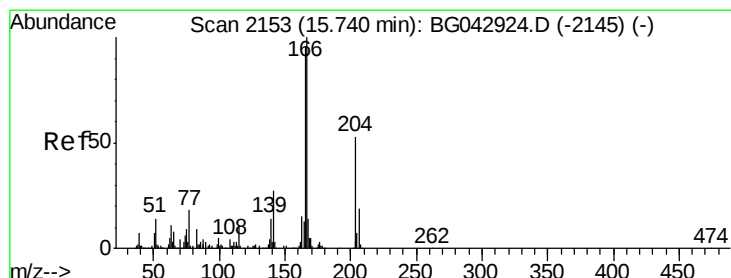
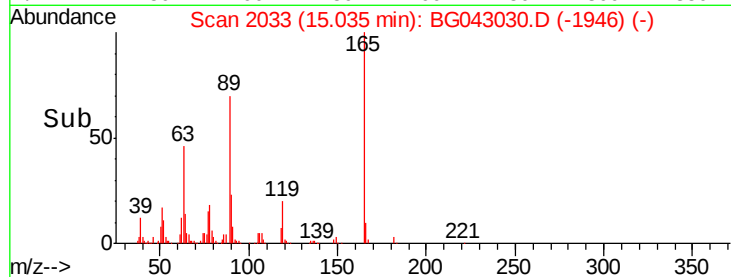
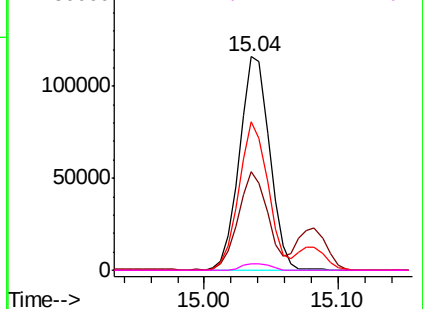
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

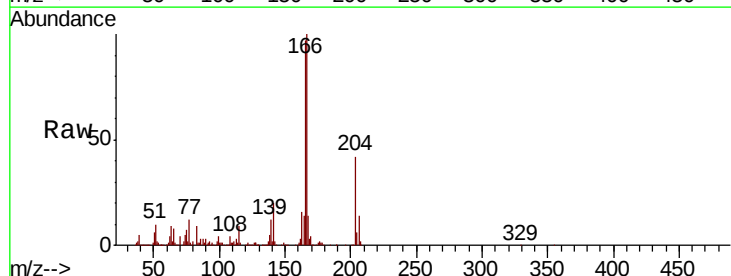
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.558 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.1	115.7
167	13.7	11.0	16.6

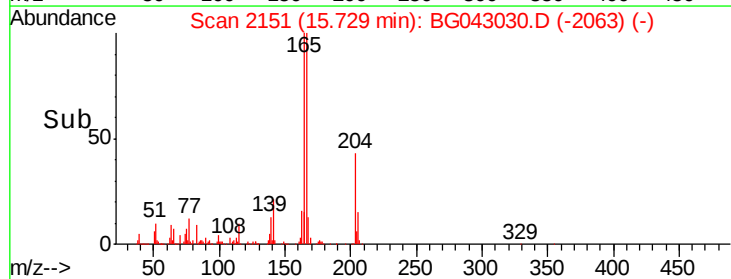
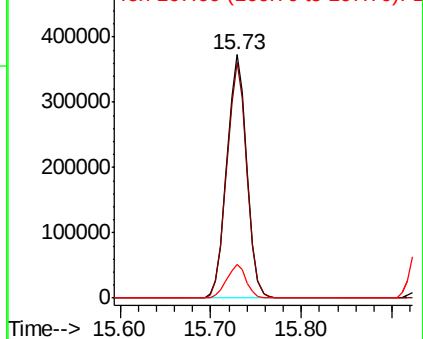


Abundance

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

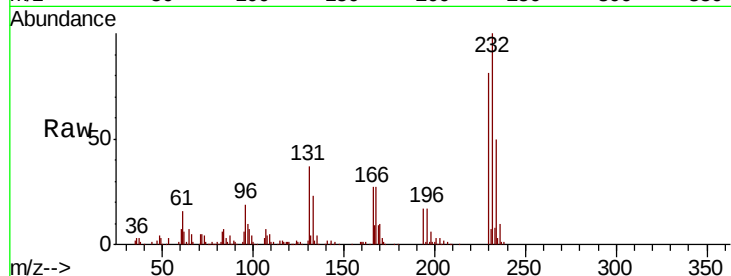




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.894 ng
RT: 15.31 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.9	29.6	44.4
130	2.2	1.9	2.9
166	26.8	21.8	32.8



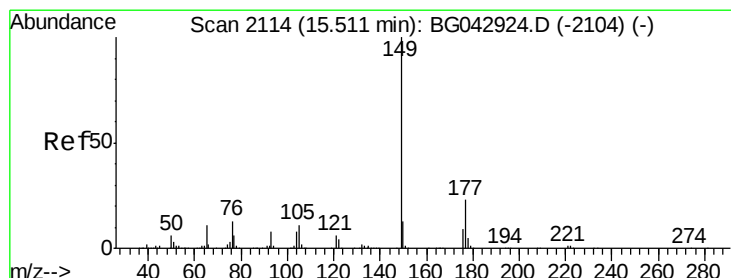
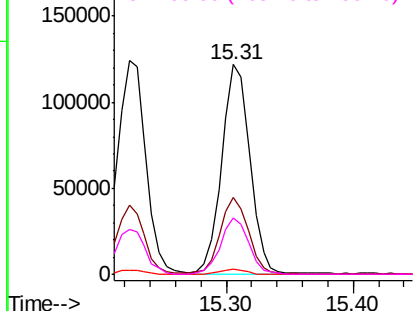
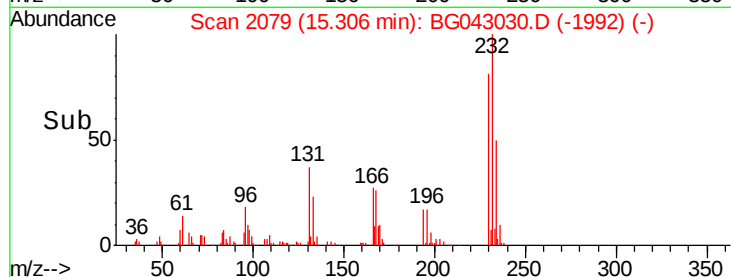
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

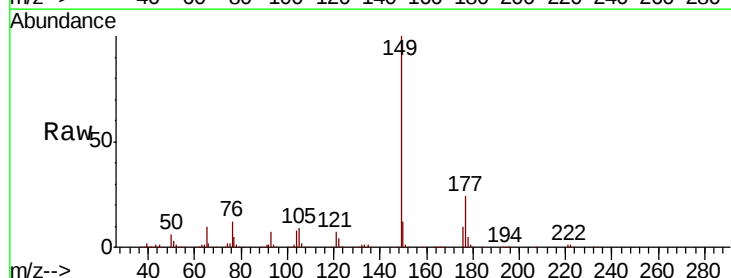
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.367 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.8	28.2
150	12.4	10.6	15.8

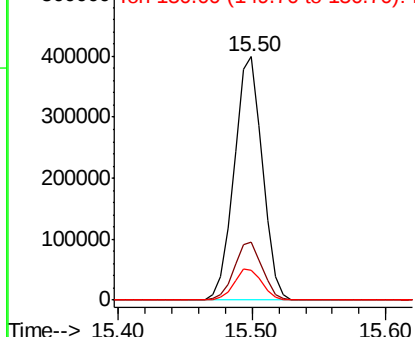
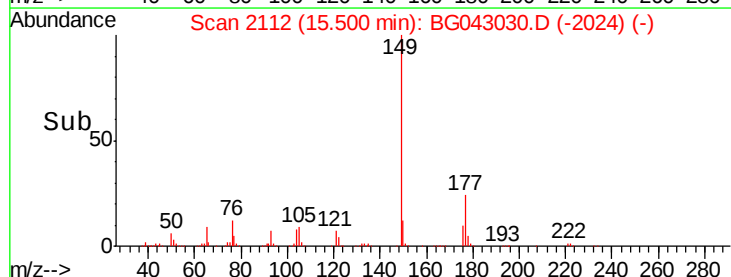


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

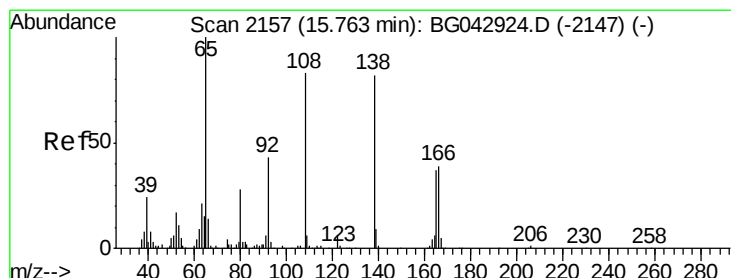
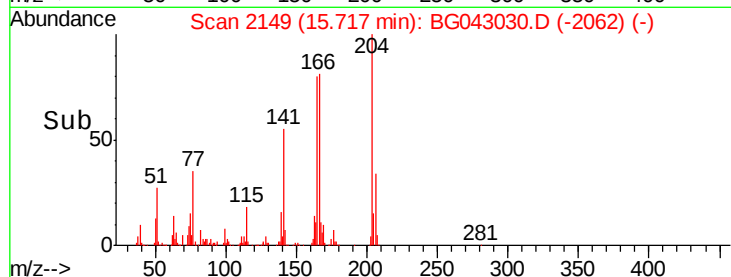
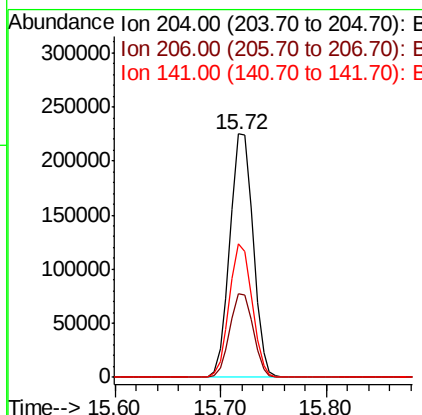
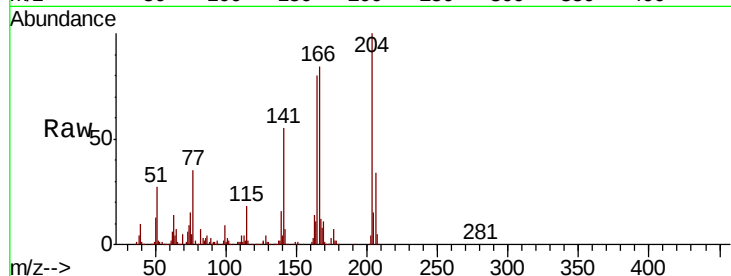




#61
 4-Chlorophenyl-phenylether
 Concen: 38.637 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

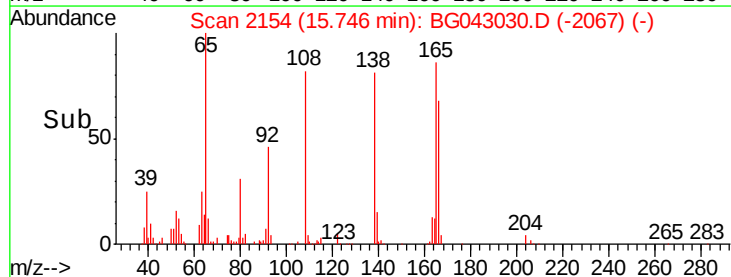
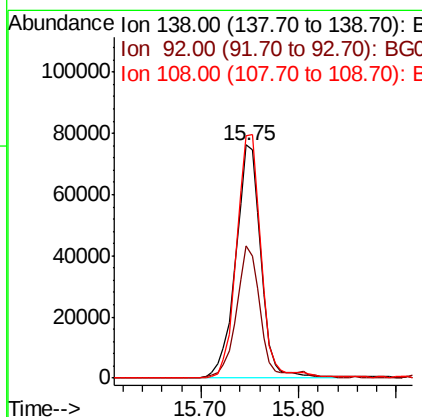
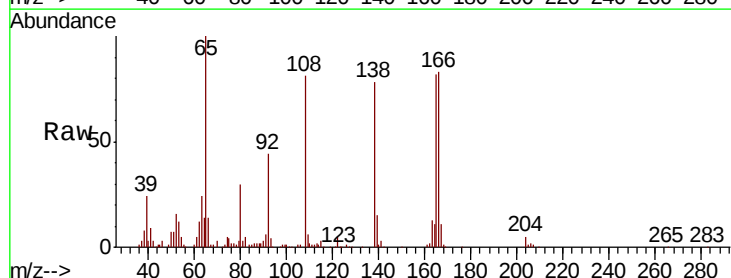
Instrument :
 BNA_G
 ClientSampled :

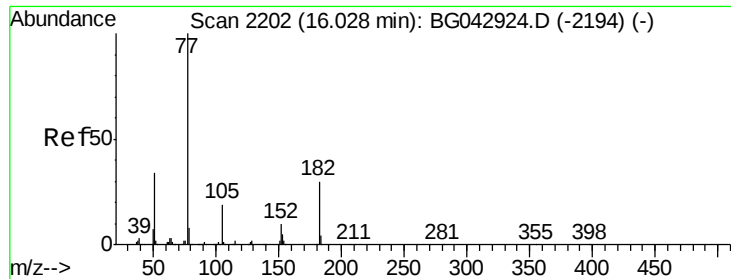
Tot Ion:204 Resp: 340746
 Ion Ratio Lower Upper
 204 100
 206 34.3 28.5 42.7
 141 54.7 42.4 63.6



#62
 4-Nitroaniline
 Concen: 38.035 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion:138 Resp: 136769
 Ion Ratio Lower Upper
 138 100
 92 56.5 32.9 72.9
 108 104.2 81.3 121.3

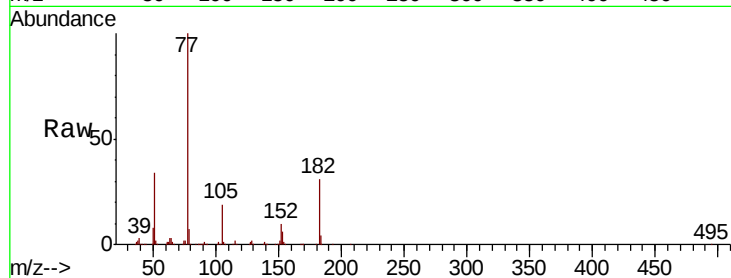




#63
Azobenzene
Concen: 36.351 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.8	10.2	50.2
105	19.3	0.0	39.1
51	33.7	13.9	53.9



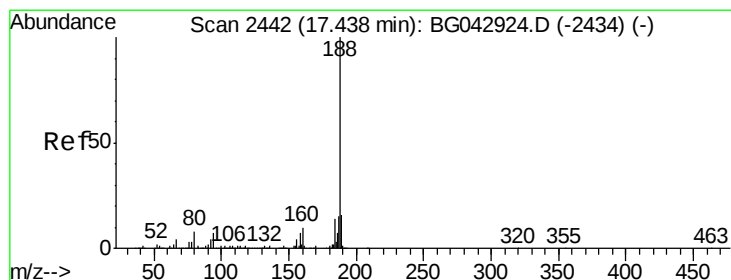
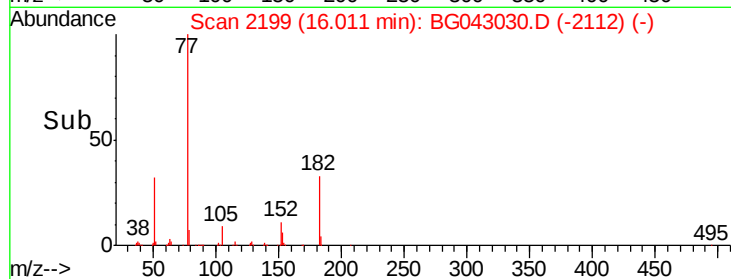
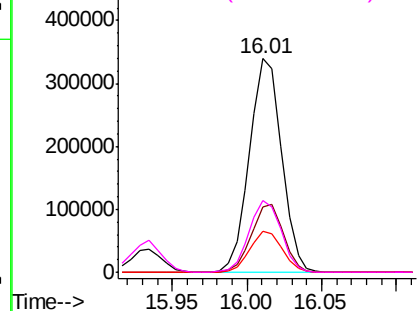
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

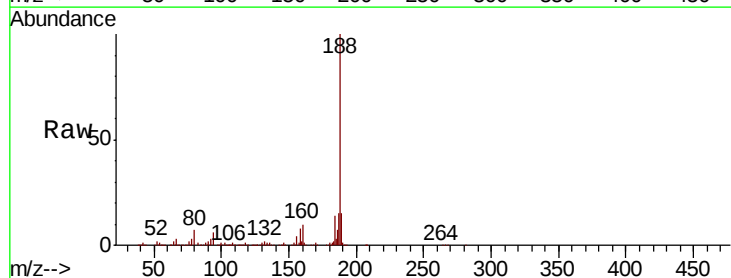
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	7.5	6.5	9.7

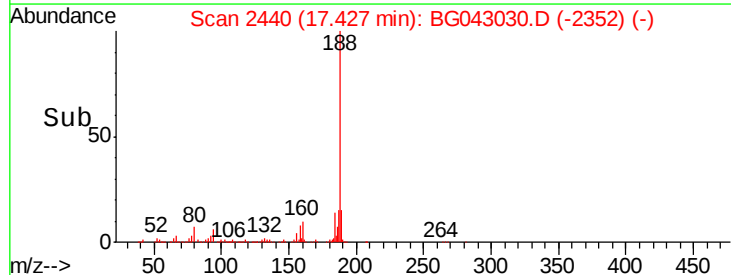
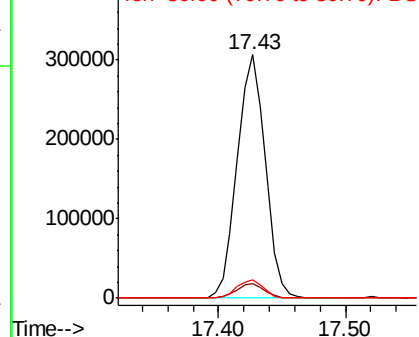


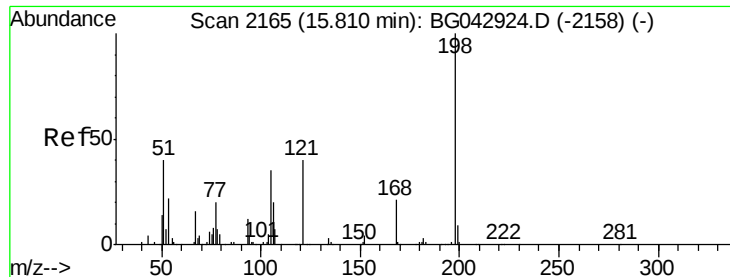
Abundance

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

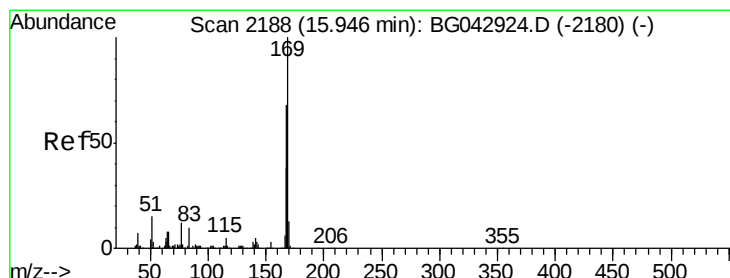
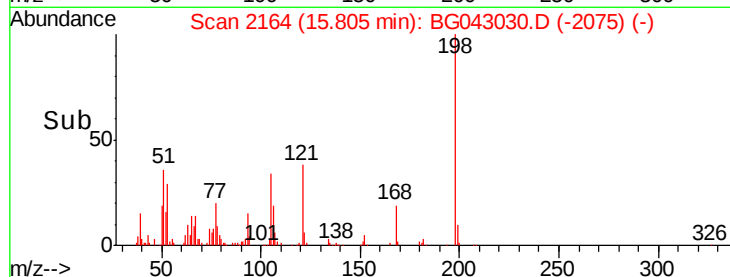
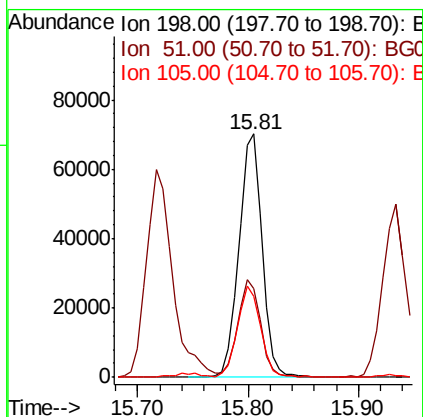
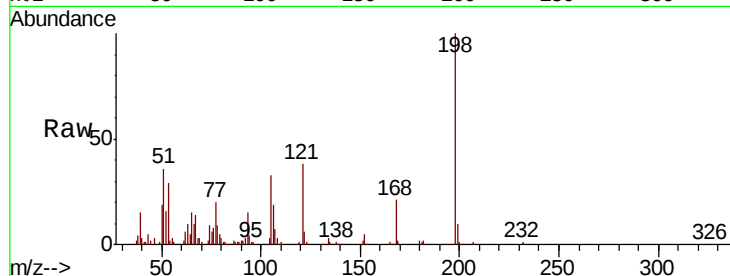




#65
4,6-Dinitro-2-methylphenol
Concen: 39.093 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

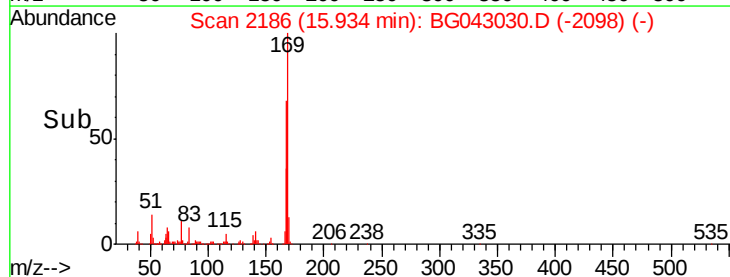
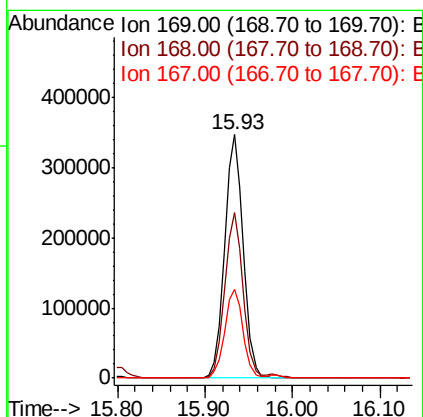
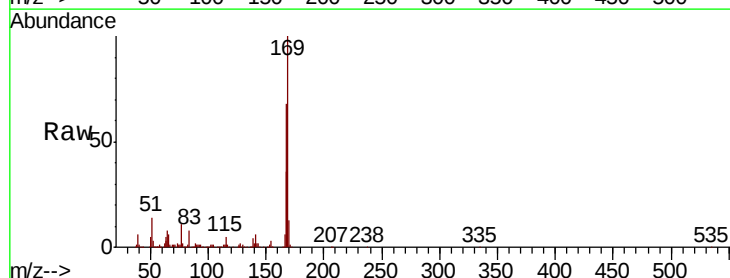
Instrument :
BNA_G
ClientSampleId :

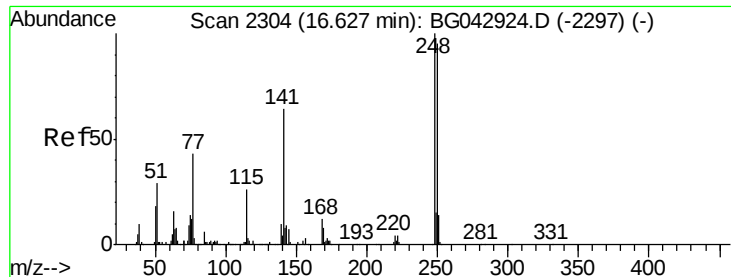
Tot Ion:198 Resp: 103851
Ion Ratio Lower Upper
198 100
51 36.3 25.3 65.3
105 33.5 16.6 56.6



#66
n-Nitrosodiphenylamine
Concen: 40.848 ng
RT: 15.93 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion:169 Resp: 506222
Ion Ratio Lower Upper
169 100
168 68.1 54.8 82.2
167 36.4 30.6 46.0

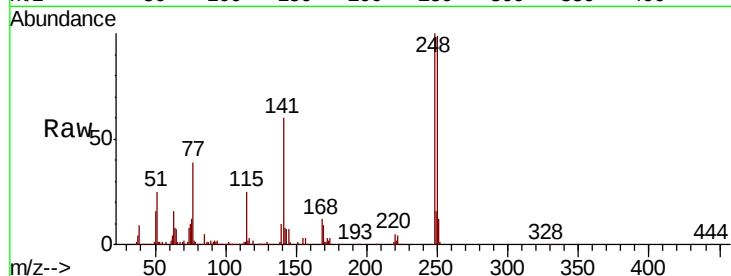




#67
4-Bromophenyl-phenylether
Concen: 40.792 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	75.8	113.8
141	59.7	51.1	76.7

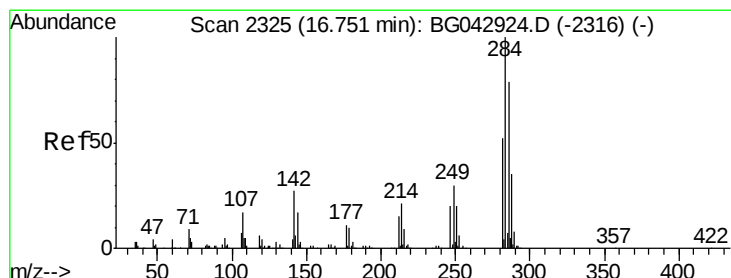
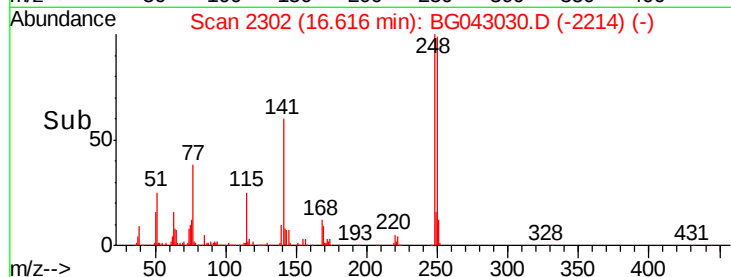
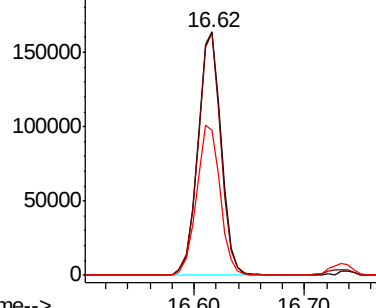


Abundance

Ion 248.00 (247.70 to 248.70): E

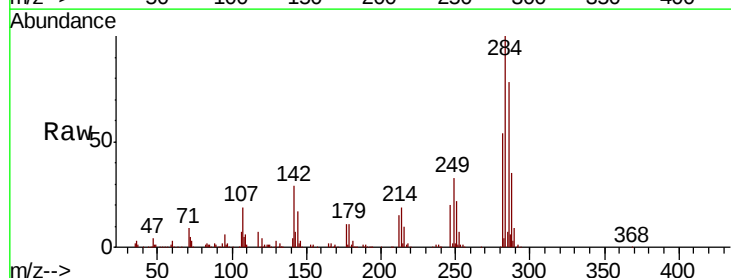
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.109 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	21.6	32.4
249	32.5	24.1	36.1

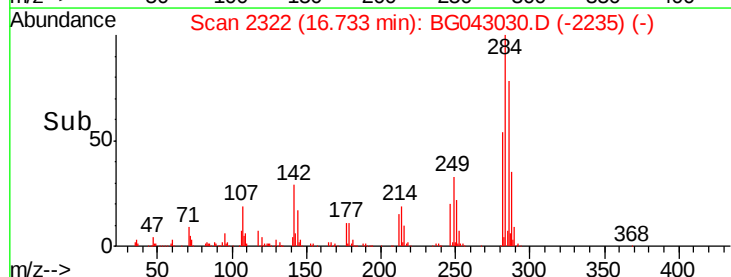
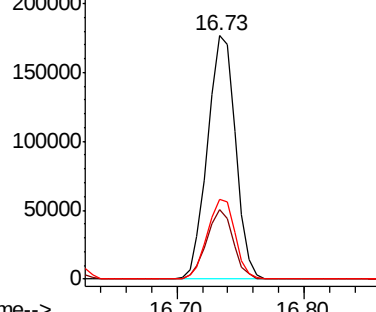


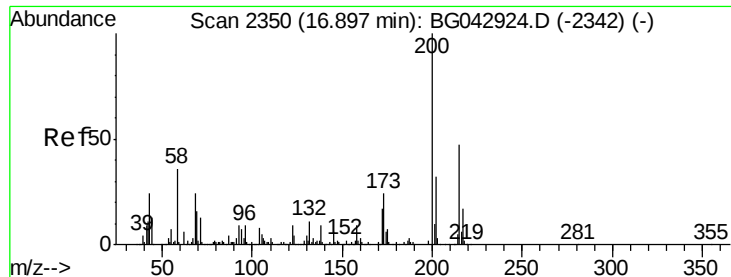
Abundance

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

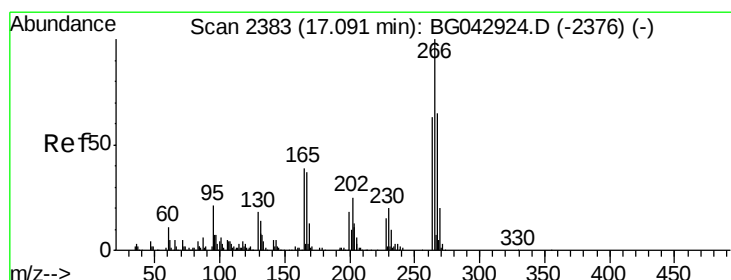
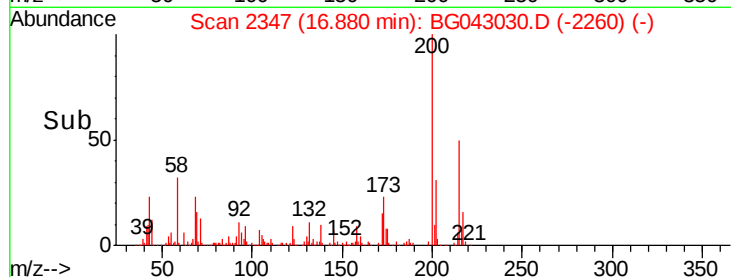
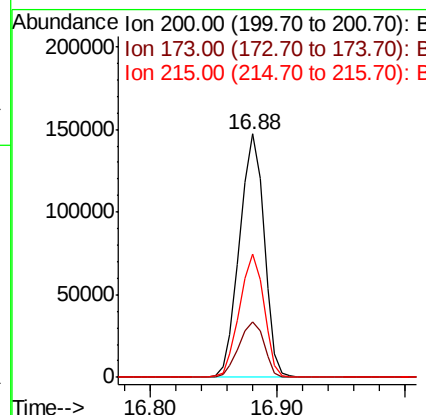
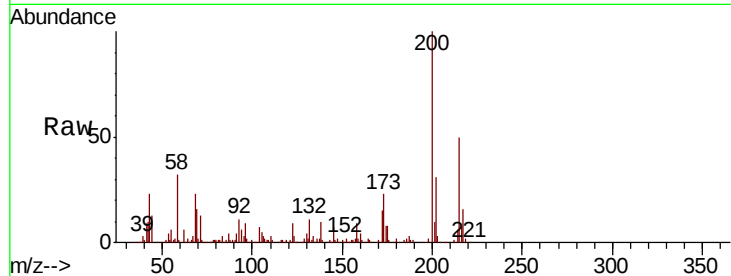




#69
Atrazine
Concen: 37.941 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

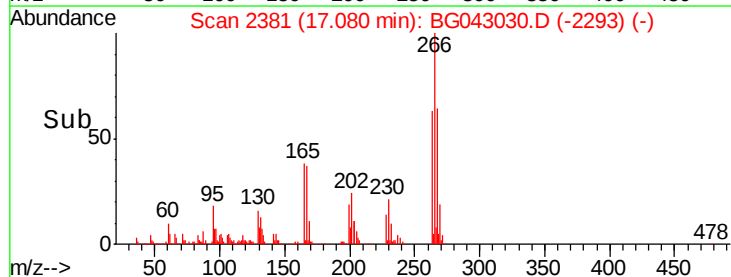
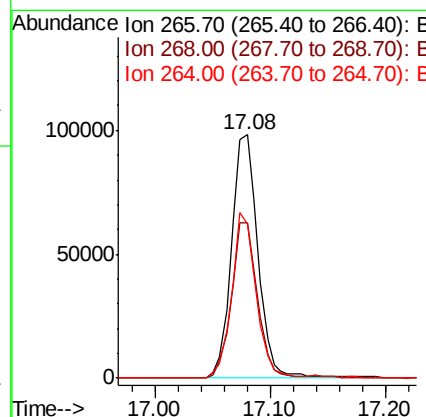
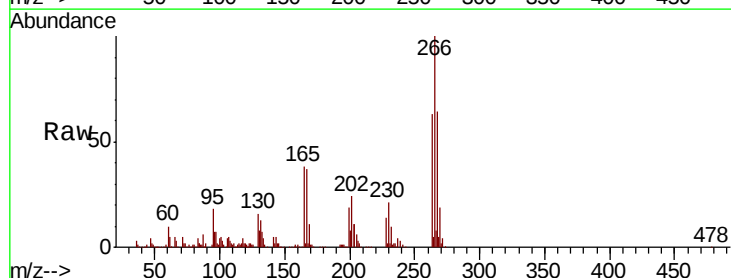
Instrument :
BNA_G
ClientSampleId :

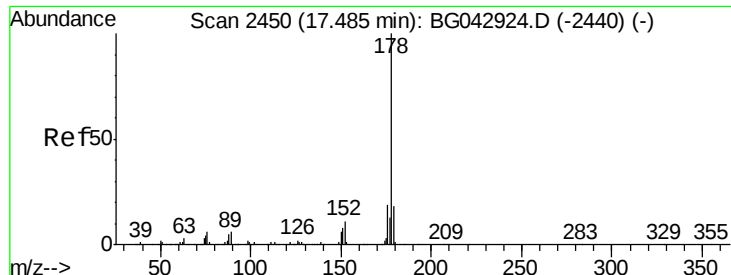
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.6	4.0	44.0
215	50.4	27.4	67.4



#70
Pentachlorophenol
Concen: 41.118 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.2	78.2
264	63.2	50.7	76.1





#71

Phenanthrene

Concen: 39.127 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

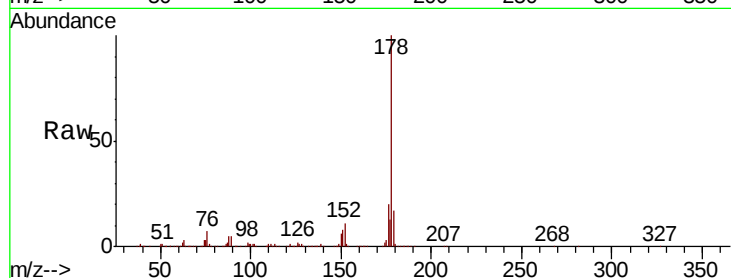
Tot Ion:178 Resp: 896756

Ion Ratio Lower Upper

178 100

176 20.4 15.1 22.7

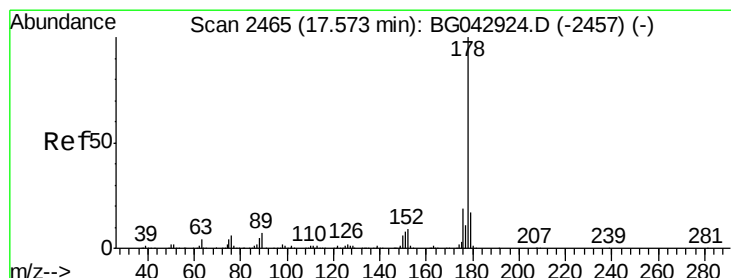
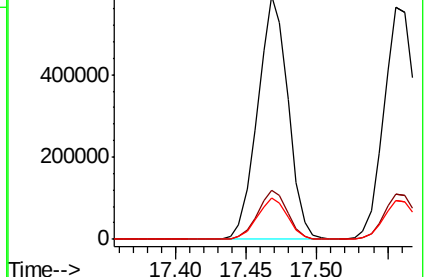
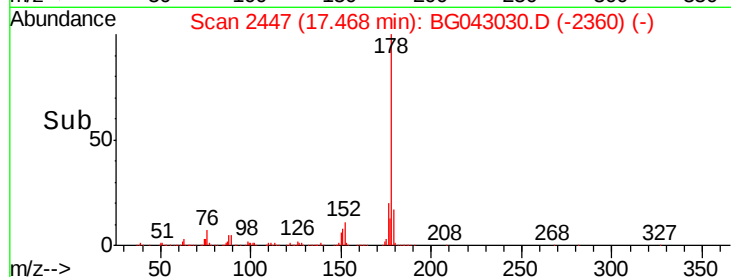
179 16.8 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.807 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

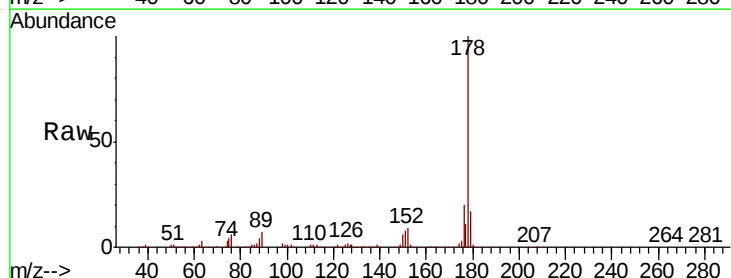
Tgt Ion:178 Resp: 887915

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

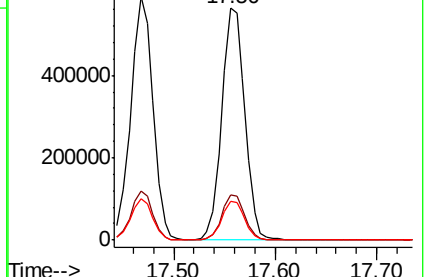
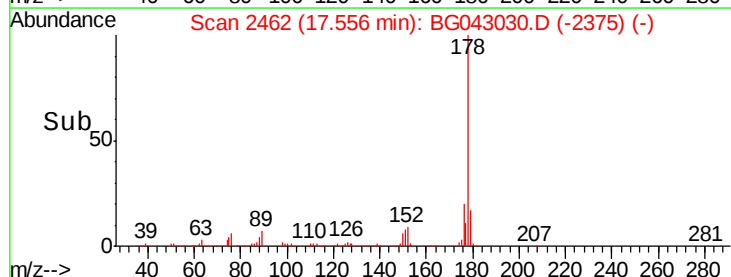
179 16.9 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

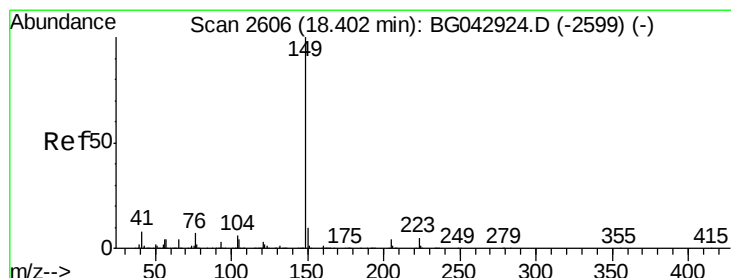
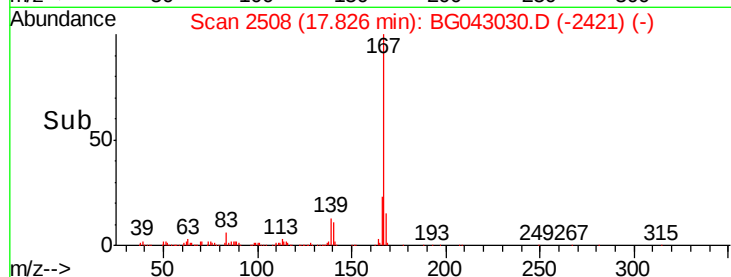
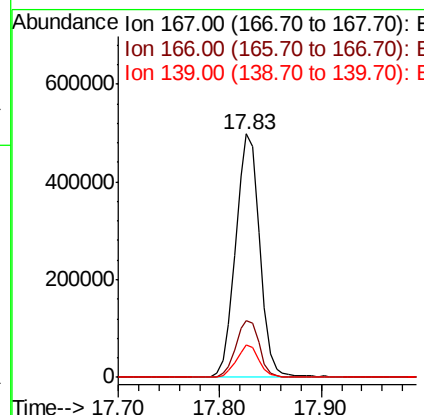
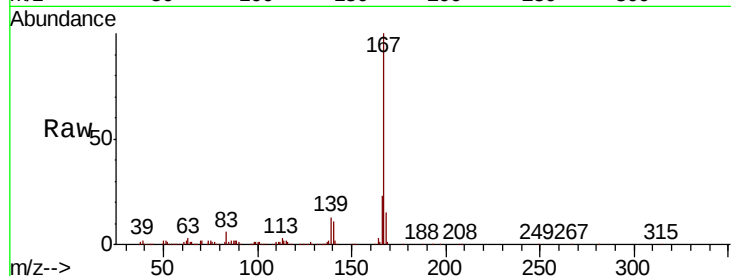




#73
 Carbazole
 Concen: 38.605 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

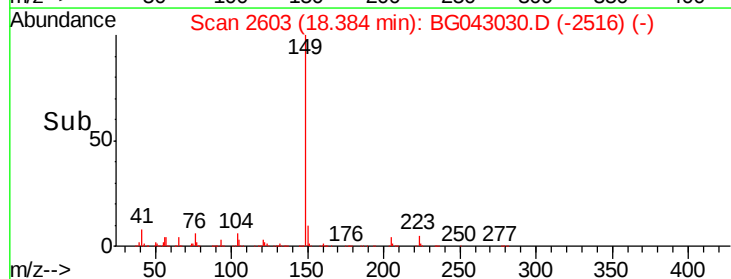
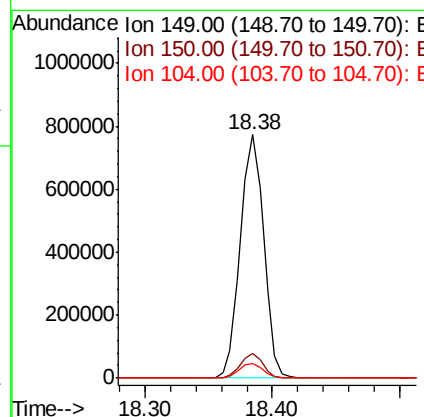
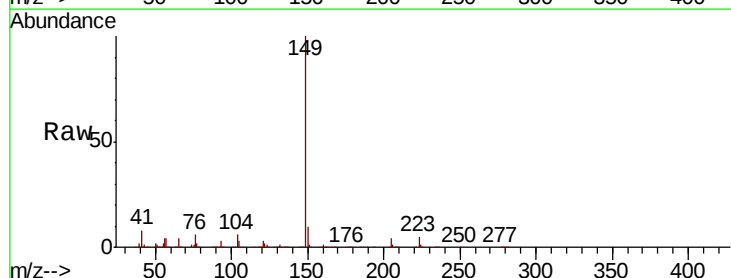
Instrument :
 BNA_G
 ClientSampleId :

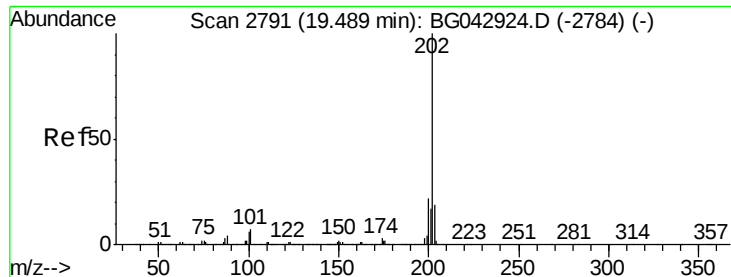
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.6	28.0
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 38.914 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043030.D
 Acq: 4 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.0	5.0	7.6





#75

Fluoranthene

Concen: 38.514 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

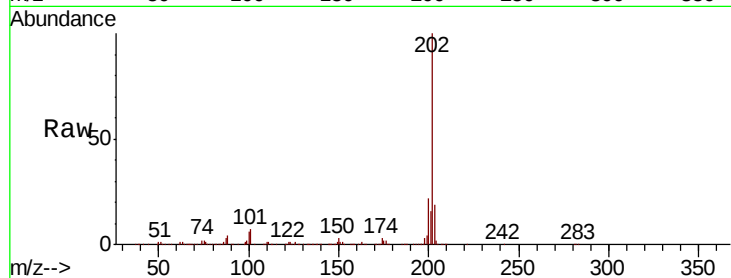
Tot Ion:202 Resp: 1167530

Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.3

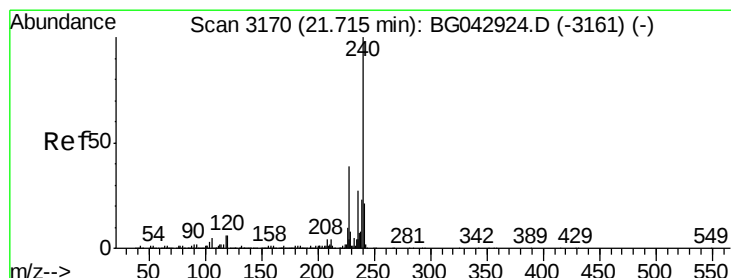
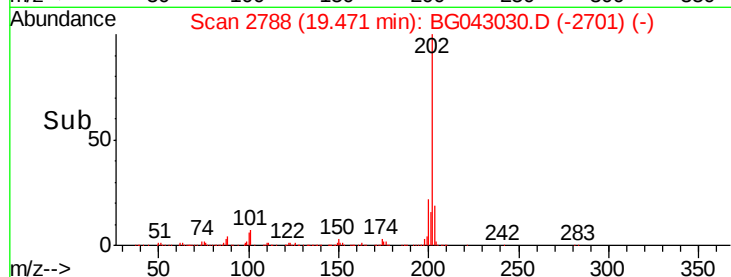
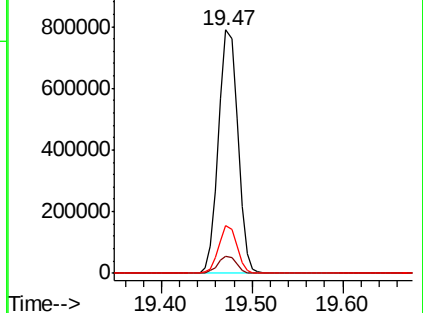
203 19.5 0.0 39.5



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: BG043030.D

Acq: 4 Oct 2019 16:22

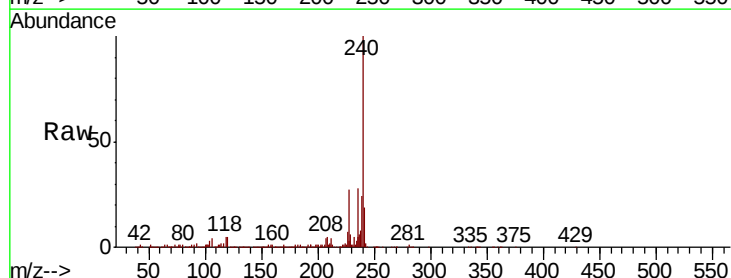
Tgt Ion:240 Resp: 507704

Ion Ratio Lower Upper

240 100

120 5.3 4.8 7.2

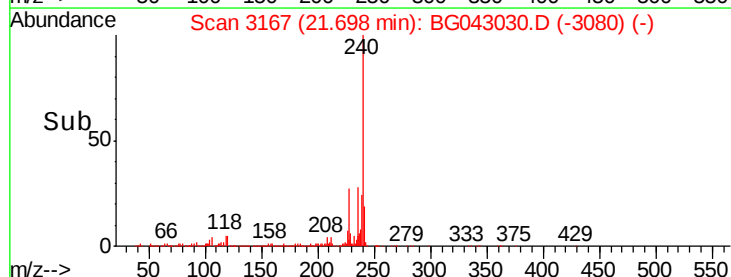
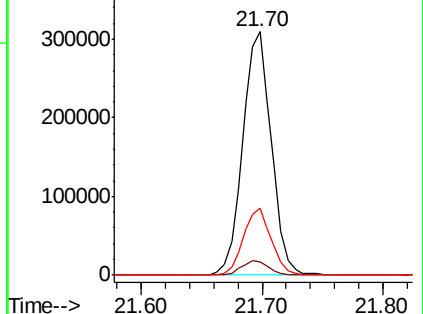
236 27.7 21.4 32.0

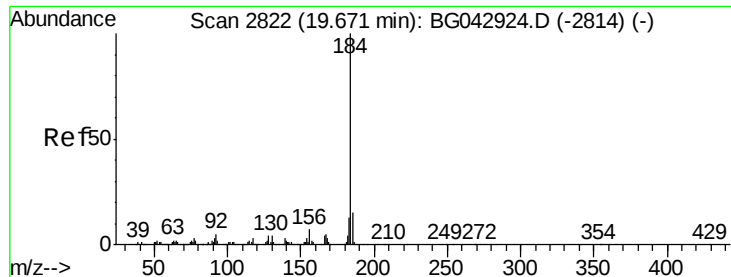


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.674 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

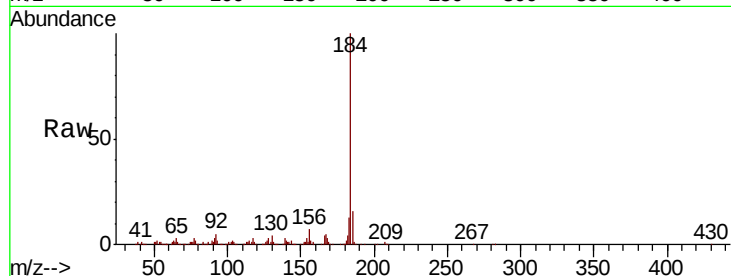
Tot Ion:184 Resp: 504351

Ion Ratio Lower Upper

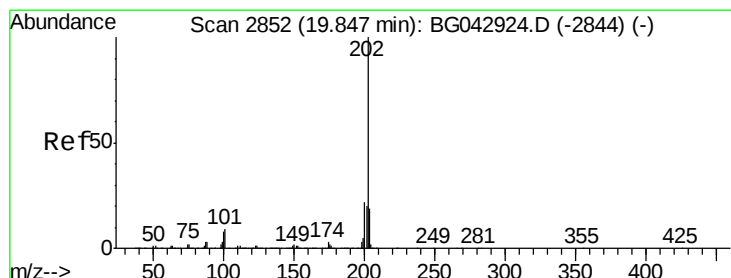
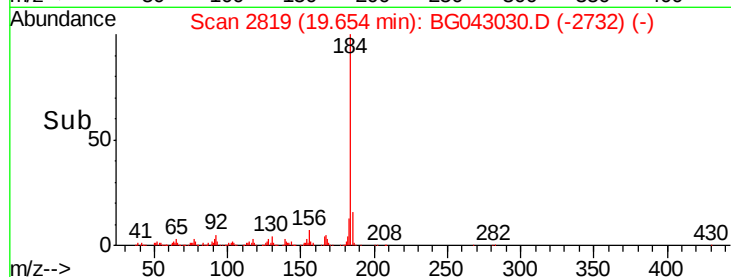
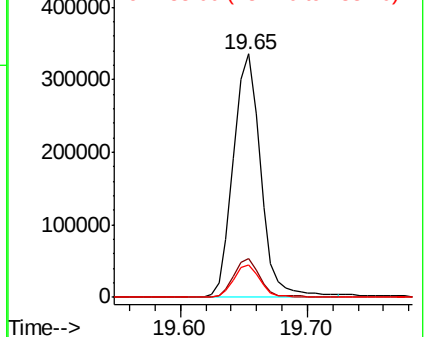
184 100

185 15.7 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



#78

Pyrene

Concen: 38.628 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

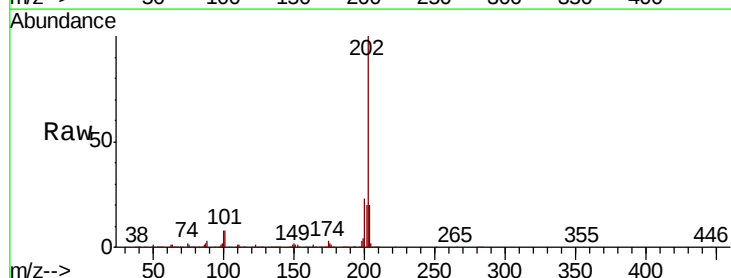
Tgt Ion:202 Resp: 1170549

Ion Ratio Lower Upper

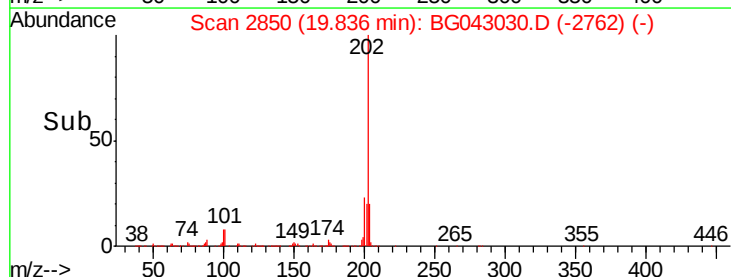
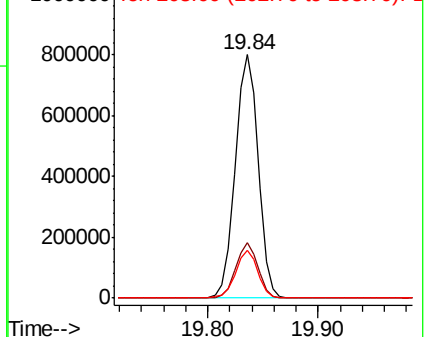
202 100

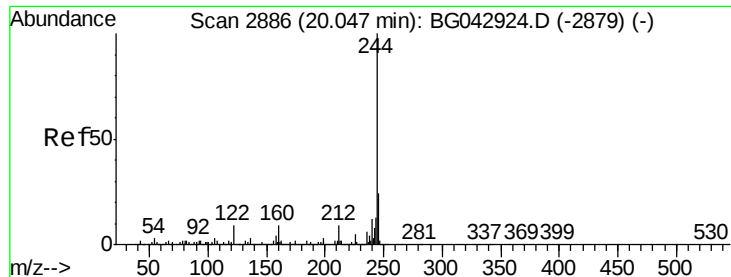
200 22.7 17.6 26.4

203 19.5 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.213 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

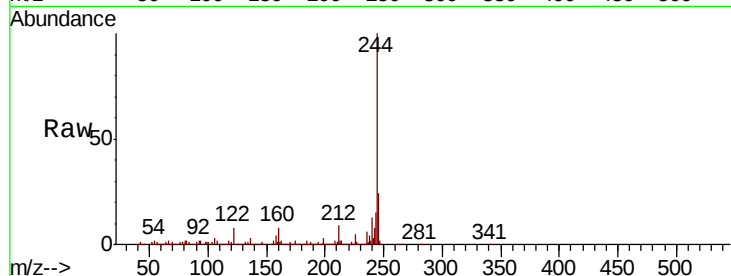
Tot Ion:244 Resp: 1958801

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

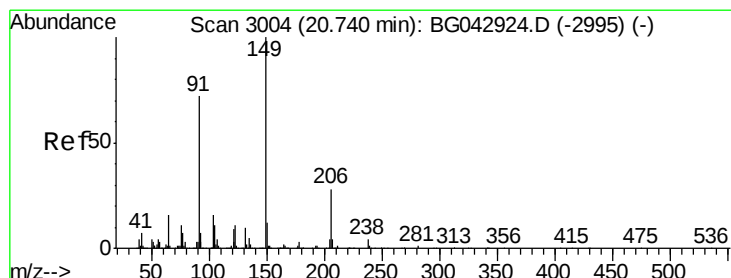
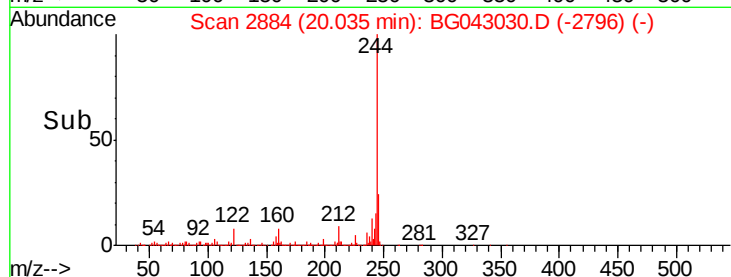
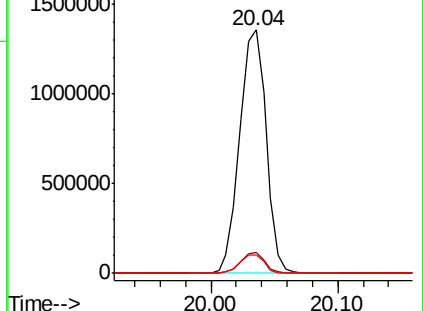
122 7.5 7.0 10.4



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: 40.446 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

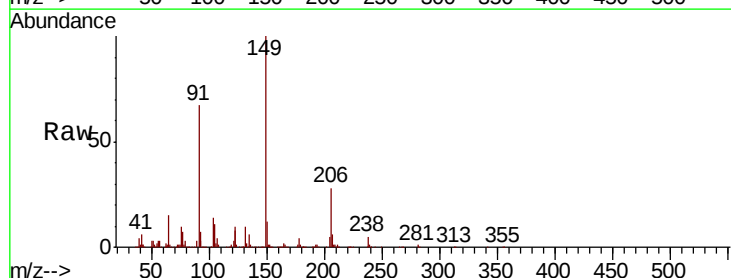
Tgt Ion:149 Resp: 465222

Ion Ratio Lower Upper

149 100

91 67.4 57.7 86.5

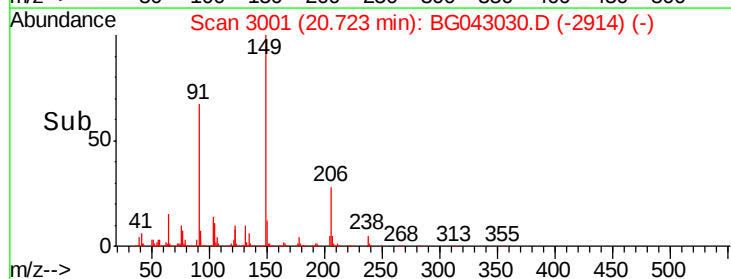
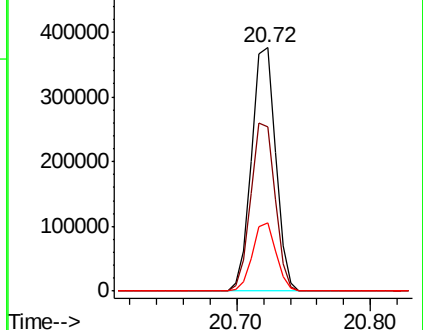
206 27.8 22.6 33.8

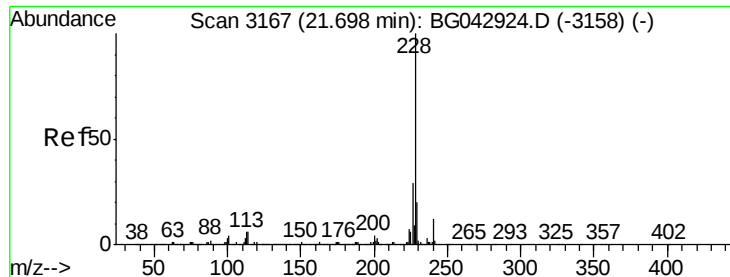


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.222 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

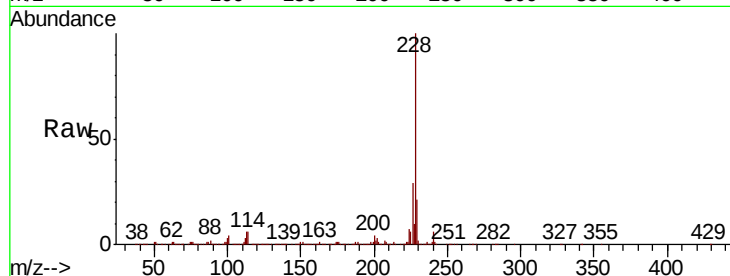
Tot Ion:228 Resp: 1240788

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

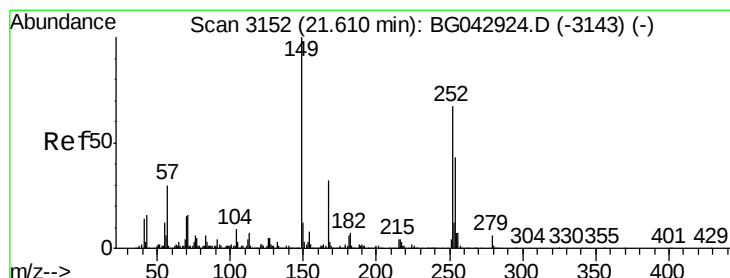
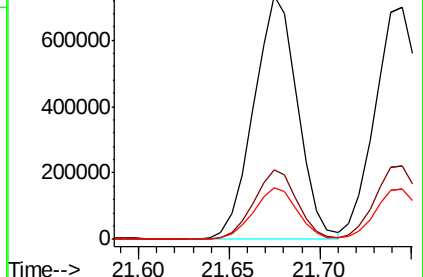
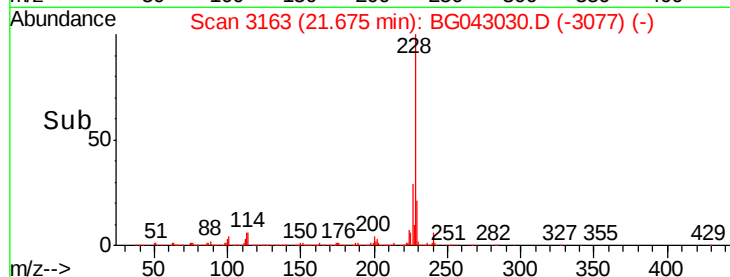
229 21.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.278 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

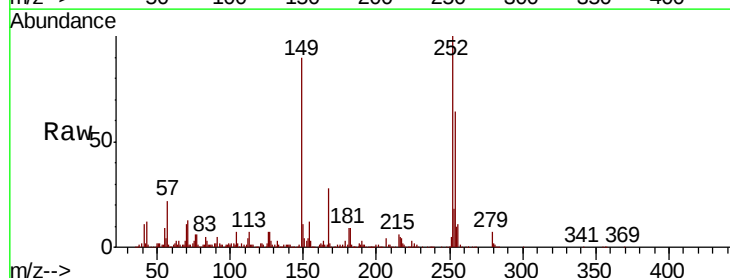
Tgt Ion:252 Resp: 512160

Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

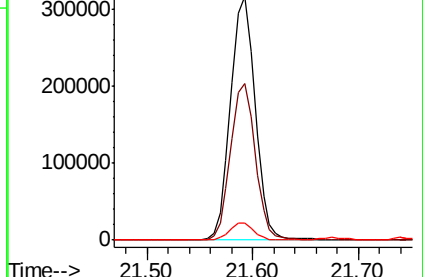
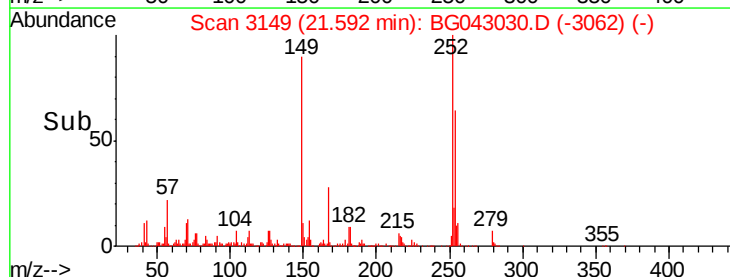
126 7.0 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.110 ng

RT: 21.75 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

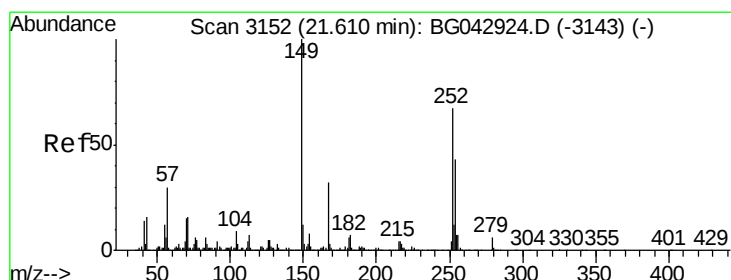
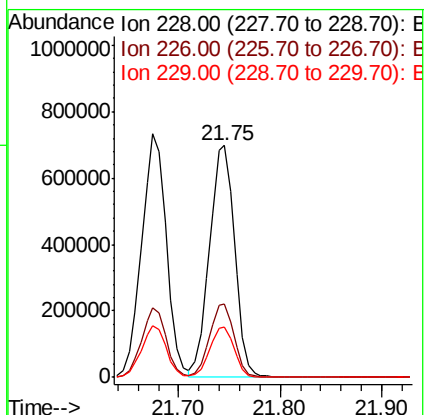
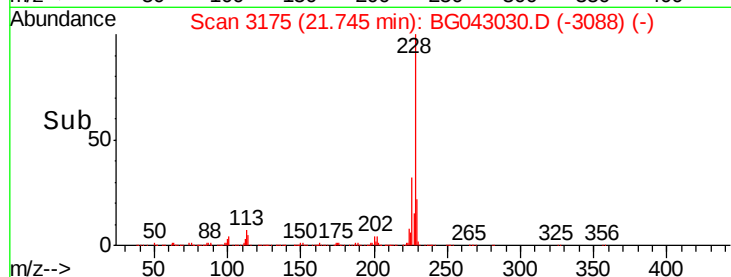
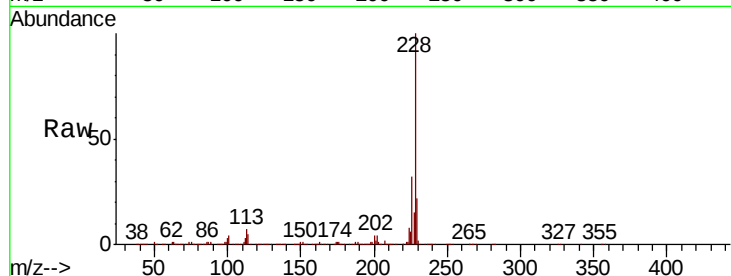
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1200634

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.6	38.4
229	21.5	16.9	25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.033 ng

RT: 21.58 min Scan# 3147

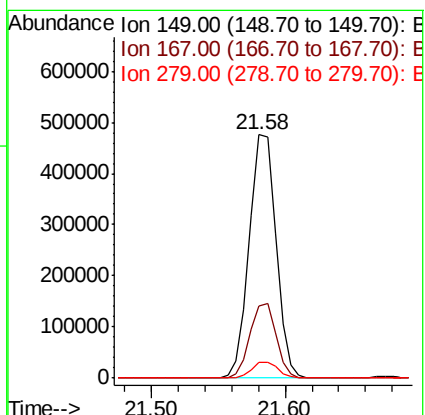
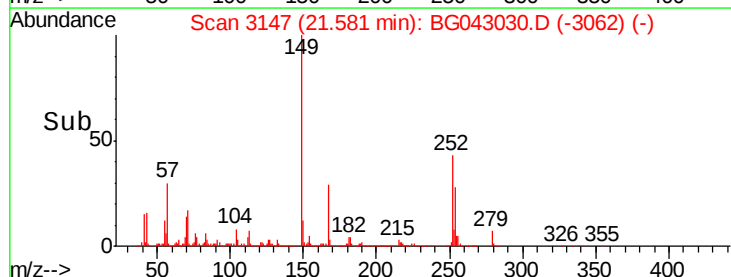
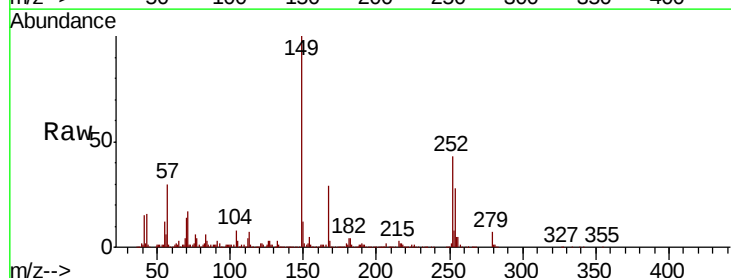
Delta R.T. -0.03 min

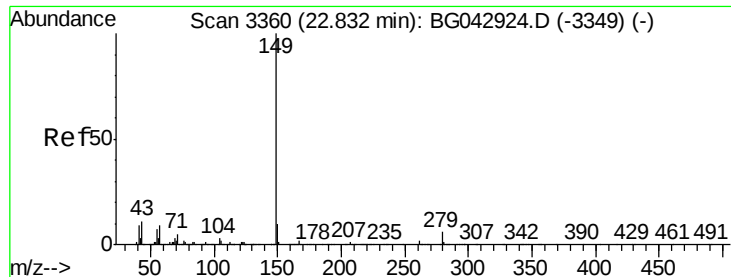
Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Tgt Ion:149 Resp: 655216

Ion	Ratio	Lower	Upper
149	100		
167	29.5	25.4	38.2
279	6.6	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 41.071 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.03 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampleId :

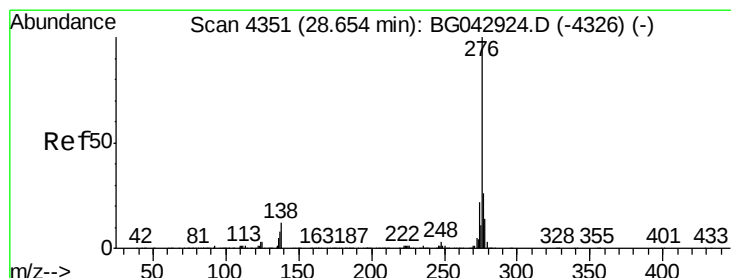
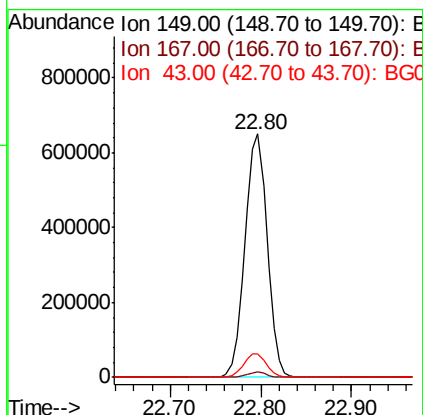
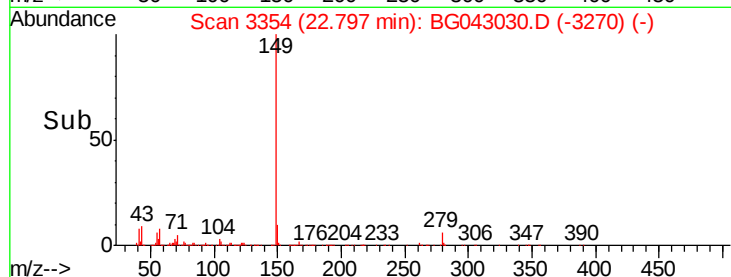
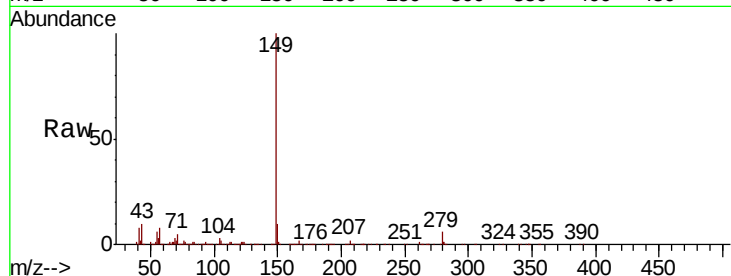
Tot Ion:149 Resp: 1099202

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 9.9 8.7 13.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.201 ng

RT: 28.58 min Scan# 4339

Delta R.T. -0.07 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

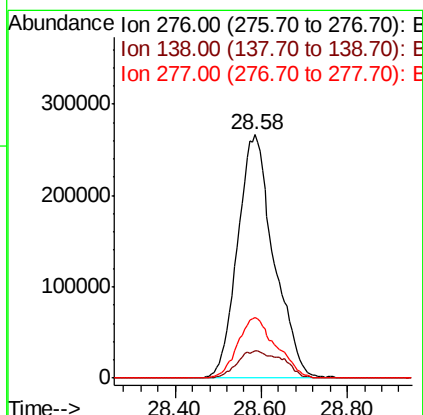
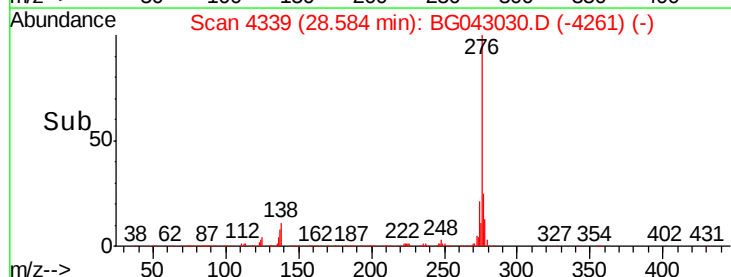
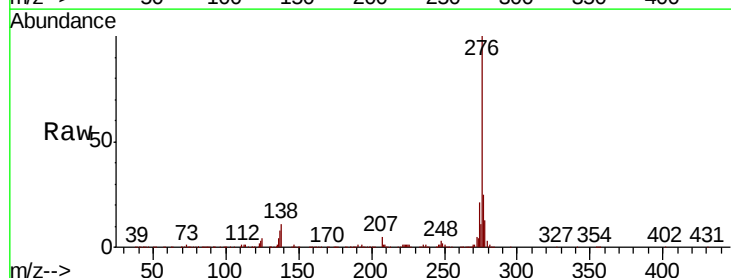
Tgt Ion:276 Resp: 1574604

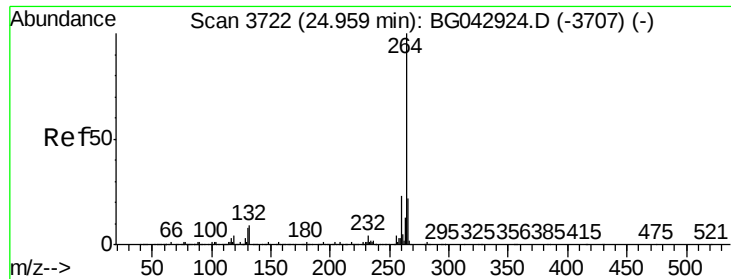
Ion Ratio Lower Upper

276 100

138 13.9 7.0 10.6#

277 26.2 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: BG043030.D

Acq: 4 Oct 2019 16:22

Instrument :

BNA_G

ClientSampled :

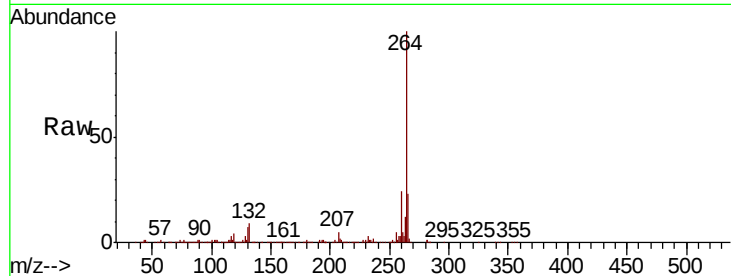
Tot Ion:264 Resp: 599371

Ion Ratio Lower Upper

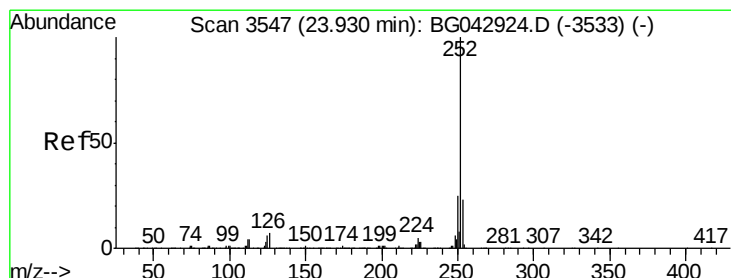
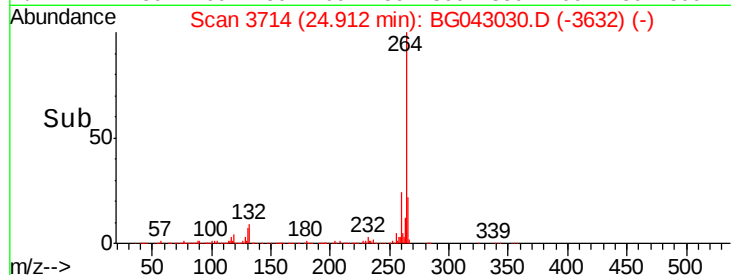
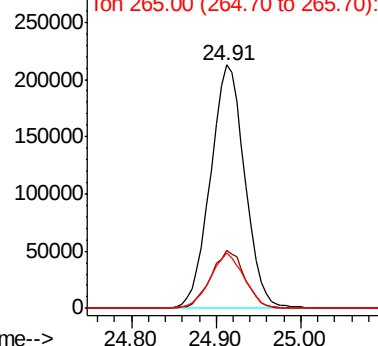
264 100

260 23.6 18.7 28.1

265 22.5 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: 38.452 ng

RT: 23.90 min Scan# 3541

Delta R.T. -0.03 min

Lab File: BG043030.D

Acq: 4 Oct 2019 16:22

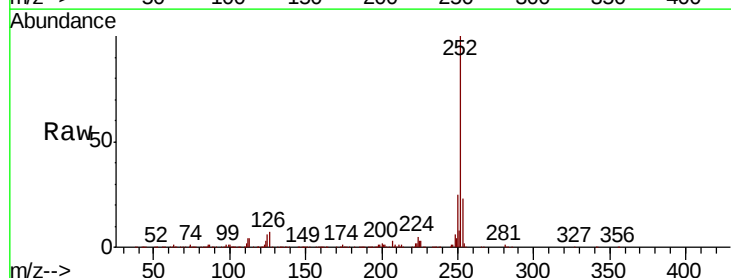
Tgt Ion:252 Resp: 1304074

Ion Ratio Lower Upper

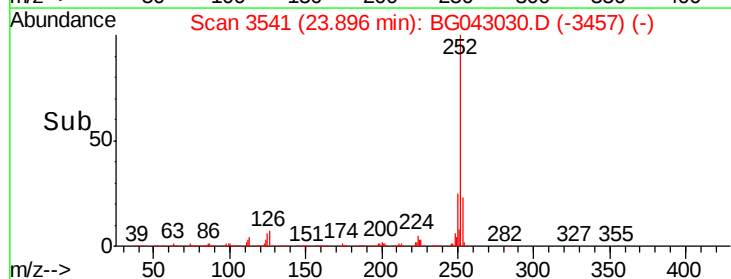
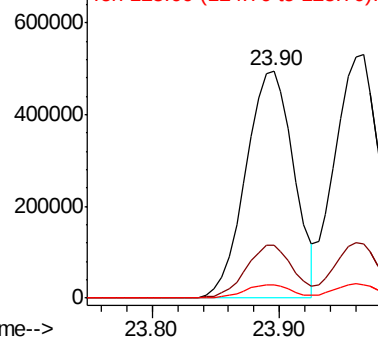
252 100

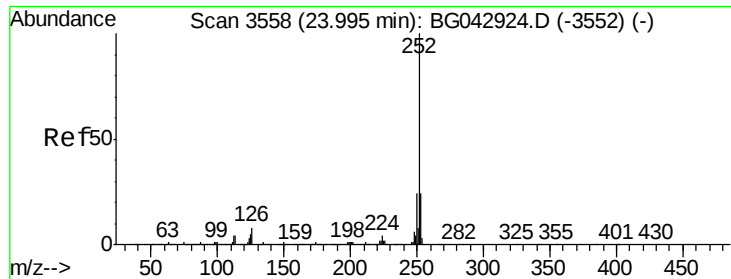
253 23.2 18.2 27.2

125 6.0 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

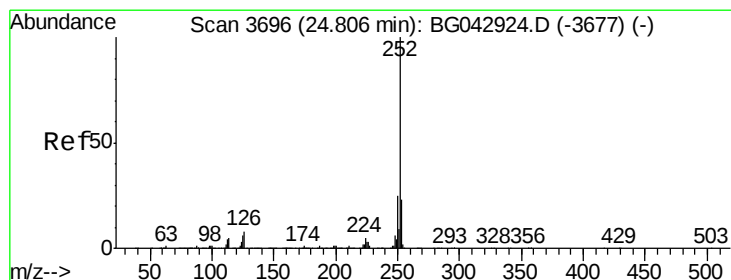
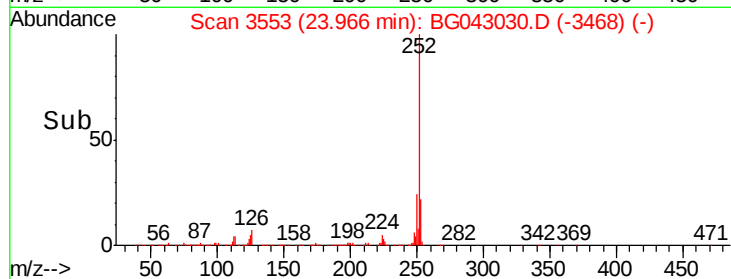
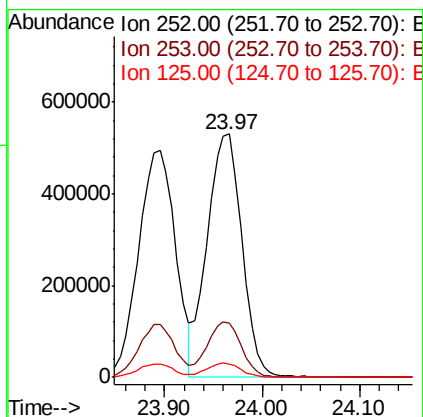
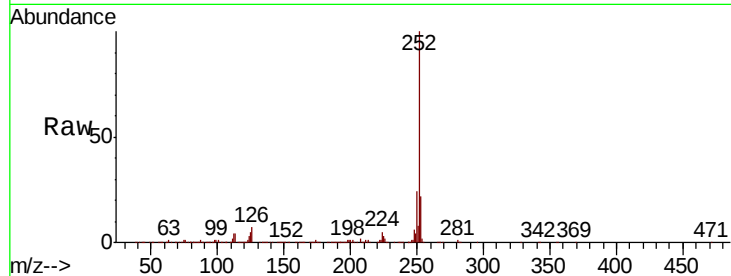




#89
Benzo(k)fluoranthene
Concen: 38.857 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

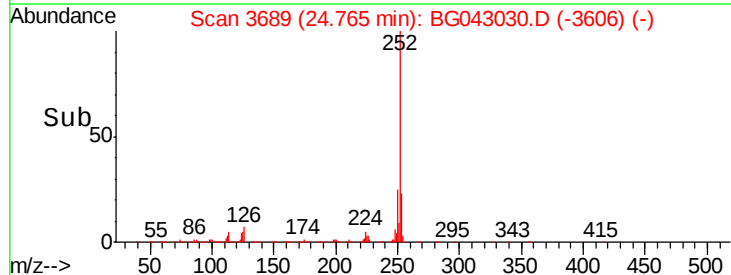
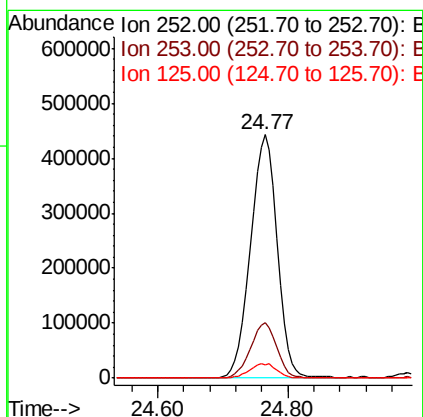
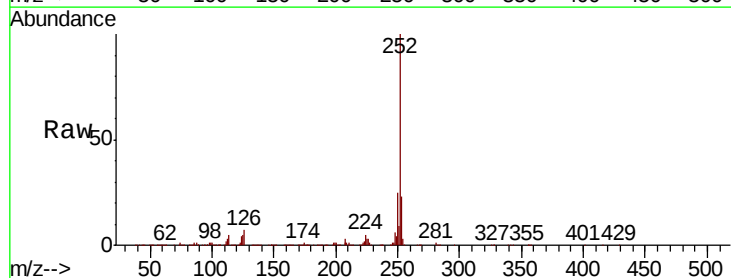
Instrument :
BNA_G
ClientSampleId :

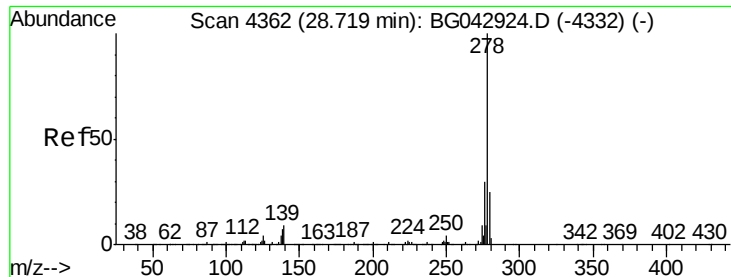
Tot Ion:252 Resp: 1303653
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 5.4 4.5 6.7



#90
Benzo(a)pyrene
Concen: 39.296 ng
RT: 24.77 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion:252 Resp: 1257322
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 5.5 5.0 7.6



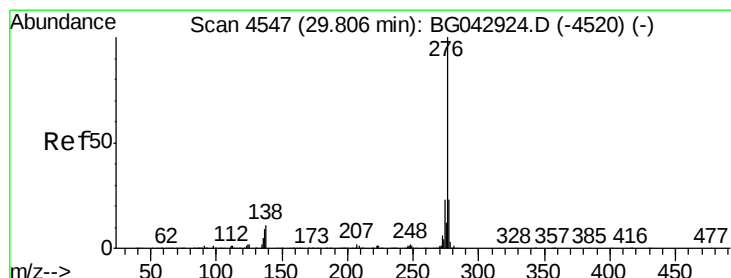
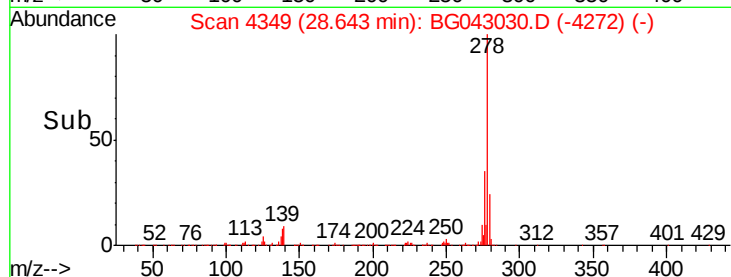
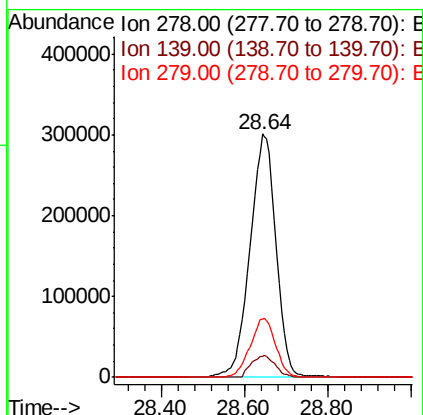
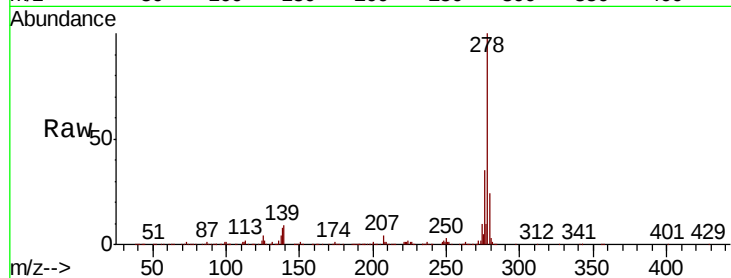


#91
Dibenzo(a,h)anthracene
Concen: 39.910 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.08 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1309431

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



#92
Benzo(g,h,i)perylene
Concen: 39.556 ng
RT: 29.73 min Scan# 4534
Delta R.T. -0.08 min
Lab File: BG043030.D
Acq: 4 Oct 2019 16:22

Tgt Ion:276 Resp: 1257488

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	11.5	8.6	12.8

