

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043790.D
 Acq On : 9 Dec 2019 14:08
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 09 15:31:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 15:25:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	127623	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	566332	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	389789	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	852670	20.00	ng	0.00
76) Chrysene-d12	21.63	240	704578	20.00	ng	0.00
87) Perylene-d12	24.78	264	798652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	546873	77.04	ng	0.00
7) Phenol-d6	7.16	99	786884	76.25	ng	0.00
23) Nitrobenzene-d5	9.15	82	782841	76.00	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	289499	61.58	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1785230	75.29	ng	0.00
79) Terphenyl-d14	19.98	244	2416379	77.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	122871	39.036	ng	100
3) Pyridine	3.88	79	373143	42.102	ng	100
4) n-Nitrosodimethylamine	3.79	42	165087	37.498	ng	100
6) Aniline	7.32	93	516271	38.390	ng	100
8) 2-Chlorophenol	7.57	128	312098	38.546	ng	100
9) Benzaldehyde	7.13	77	202293	32.818	ng	100
10) Phenol	7.19	94	399821	37.741	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	339091	38.353	ng	100
12) 1,3-Dichlorobenzene	7.90	146	375302	39.376	ng	100
13) 1,4-Dichlorobenzene	8.04	146	371813	38.514	ng	100
14) 1,2-Dichlorobenzene	8.36	146	359598	39.367	ng	100
15) Benzyl Alcohol	8.23	79	310894	36.069	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	544756	35.827	ng	100
17) 2-Methylphenol	8.44	107	285469	37.690	ng	100
18) Hexachloroethane	9.10	117	133292	36.575	ng	100
19) n-Nitroso-di-n-propylamine	8.81	70	295481	36.411	ng	100
20) 3+4-Methylphenols	8.77	107	402199	38.063	ng	100
22) Acetophenone	8.82	105	549804	36.628	ng	100
24) Nitrobenzene	9.20	77	394124	37.225	ng	100
25) Isophorone	9.72	82	790293	35.782	ng	100
26) 2-Nitrophenol	9.91	139	131247	34.359	ng	100
27) 2,4-Dimethylphenol	9.97	122	275698	36.757	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	501336	36.829	ng	100
29) 2,4-Dichlorophenol	10.45	162	340694	37.363	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	396202	37.079	ng	100
31) Naphthalene	10.86	128	1057499	37.642	ng	100
32) Benzoic acid	10.10	122	164692	30.448	ng	100
33) 4-Chloroaniline	10.95	127	512376	37.855	ng	100
34) Hexachlorobutadiene	11.16	225	239711	34.116	ng	100
35) Caprolactam	11.72	113	132097	35.627	ng	100
36) 4-Chloro-3-methylphenol	12.07	107	369510	36.059	ng	100
37) 2-Methylnaphthalene	12.46	142	823367	38.891	ng	100
38) 1-Methylnaphthalene	12.68	142	782747	38.957	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	455355	36.714	ng	100

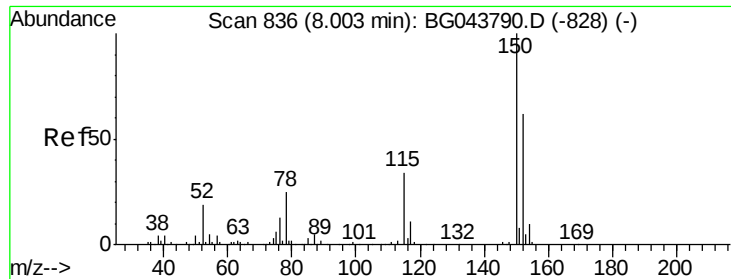
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	212309	31.683	ng	100
43) 2,4,6-Trichlorophenol	13.06	196	291314	36.520	ng	100
44) 2,4,5-Trichlorophenol	13.13	196	307208	37.019	ng	100
46) 1,1'-Biphenyl	13.47	154	1065050	39.419	ng	100
47) 2-Chloronaphthalene	13.51	162	862859	39.161	ng	100
48) 2-Nitroaniline	13.70	65	253681	39.327	ng	100
49) Acenaphthylene	14.35	152	1306724	37.694	ng	100
50) Dimethylphthalate	14.08	163	1106584	35.838	ng	100
51) 2,6-Dinitrotoluene	14.20	165	234197	40.842	ng	100
52) Acenaphthene	14.69	154	841300	37.949	ng	100
53) 3-Nitroaniline	14.52	138	269511	40.239	ng	100
54) 2,4-Dinitrophenol	14.72	184	69055	29.476	ng	100
55) Dibenzofuran	15.03	168	1267982	36.714	ng	100
56) 4-Nitrophenol	14.82	139	195356	34.628	ng	100
57) 2,4-Dinitrotoluene	14.98	165	315953	39.731	ng	100
58) Fluorene	15.68	166	1010963	35.694	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	266764	32.005	ng	98
60) Diethylphthalate	15.45	149	1095024	33.776	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	557291	35.738	ng	100
62) 4-Nitroaniline	15.68	138	276283	35.974	ng	100
63) Azobenzene	15.96	77	1006877	34.645	ng	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	105722	36.539	ng	100
66) n-Nitrosodiphenylamine	15.88	169	926899	41.057	ng	100
67) 4-Bromophenyl-phenylether	16.56	248	351697	39.113	ng	100
68) Hexachlorobenzene	16.69	284	369799	37.619	ng	100
69) Atrazine	16.83	200	286601	31.677	ng	100
70) Pentachlorophenol	17.02	266	199421	33.246	ng	100
71) Phenanthrene	17.42	178	1599843	37.919	ng	100
72) Anthracene	17.50	178	1595652	37.439	ng	100
73) Carbazole	17.77	167	1476383	34.965	ng	100
74) Di-n-butylphthalate	18.34	149	1728072	31.975	ng	100
75) Fluoranthene	19.42	202	1846951	30.518	ng	100
77) Benzidine	19.60	184	704226	34.216	ng	100
78) Pyrene	19.78	202	1849552	40.674	ng	100
80) Butylbenzylphthalate	20.68	149	769029	37.125	ng	100
81) Benzo(a)anthracene	21.61	228	1773950	37.661	ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	649623	36.777	ng	100
83) Chrysene	21.67	228	1692985	37.984	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	1107269	37.990	ng	100
85) Di-n-octyl phthalate	22.75	149	1848556	39.102	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2090257	40.316	ng	100
88) Benzo(b)fluoranthene	23.79	252	1768315	37.084	ng	100
89) Benzo(k)fluoranthene	23.86	252	1779899	38.893	ng	100
90) Benzo(a)pyrene	24.64	252	1709001	38.114	ng	100
91) Dibenzo(a,h)anthracene	28.44	278	1682788	38.692	ng	100
92) Benzo(g,h,i)perylene	29.48	276	1655403	38.596	ng	100

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

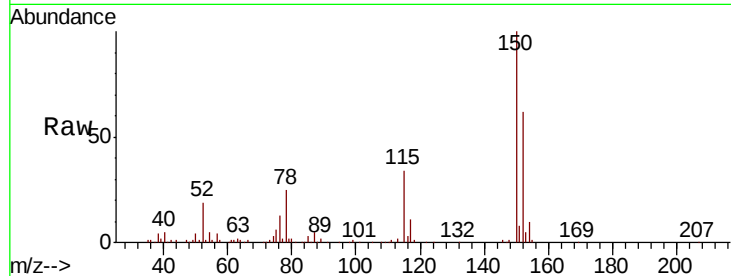


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	128.6	192.8
115	55.4	44.3	66.5

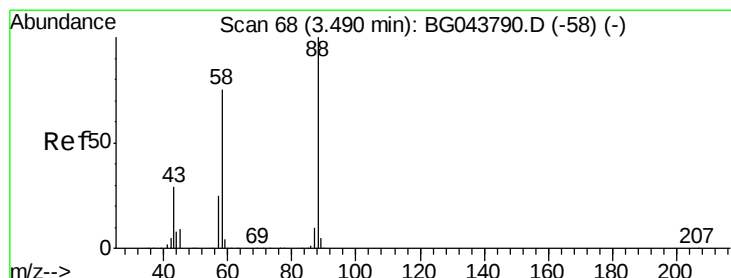
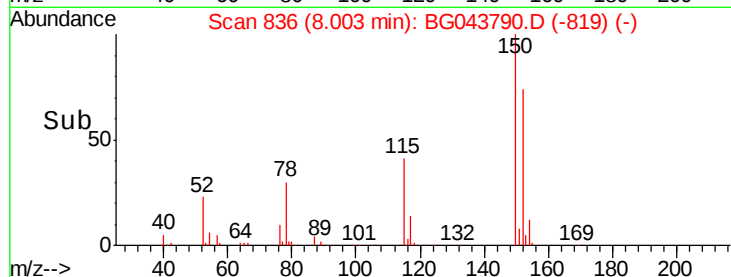
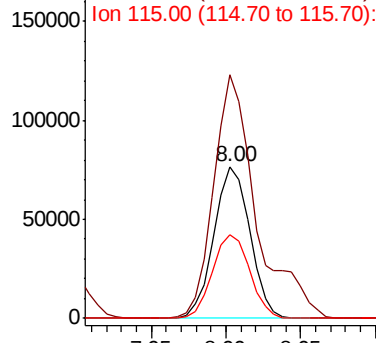


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

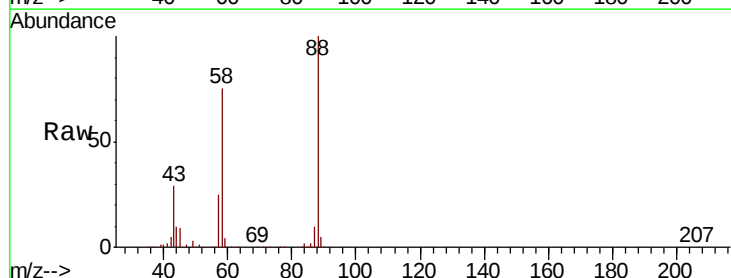
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.036 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	62.2	93.4
43	30.4	24.3	36.5

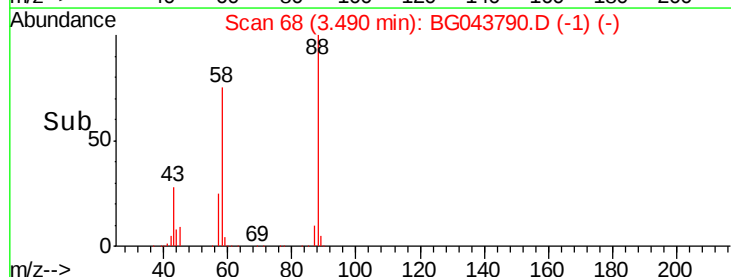
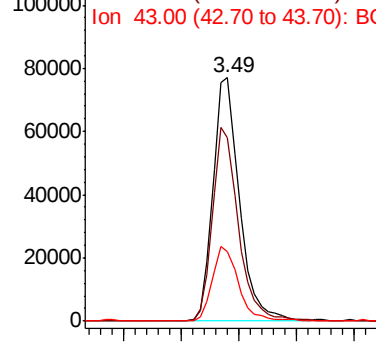


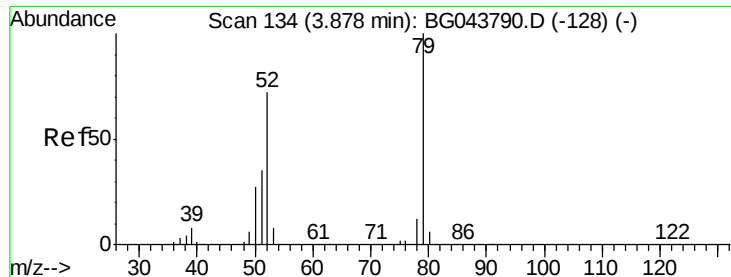
Abundance

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: 42.102 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

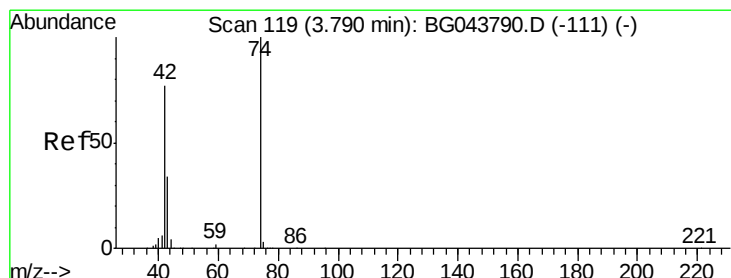
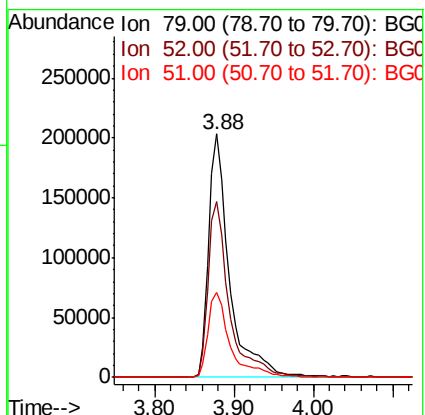
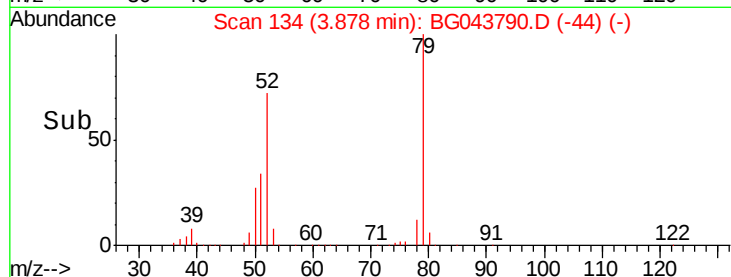
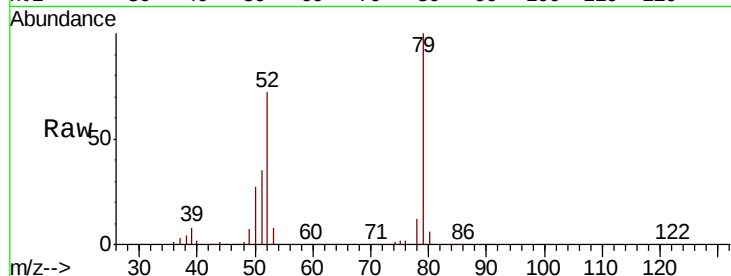
Tot Ion: 79 Resp: 373143

Ion Ratio Lower Upper

79 100

52 72.0 57.6 86.4

51 34.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 37.498 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

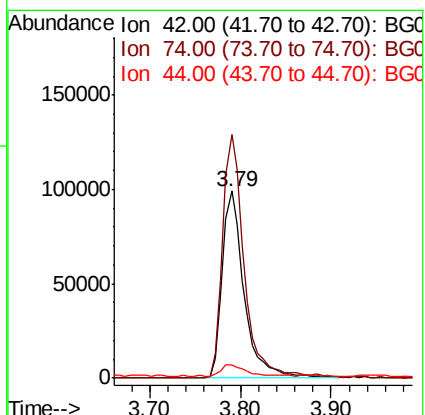
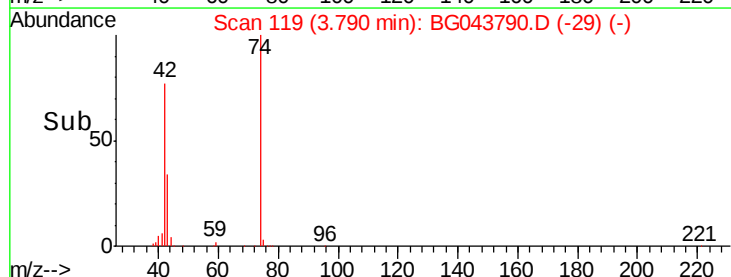
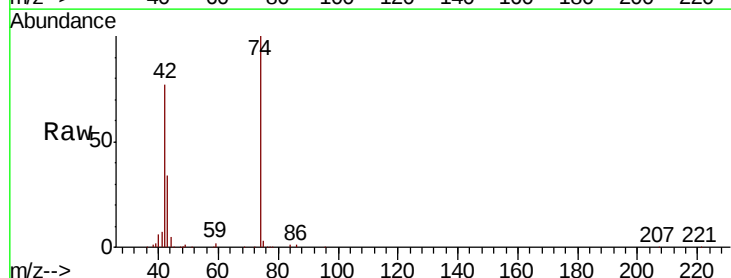
Tgt Ion: 42 Resp: 165087

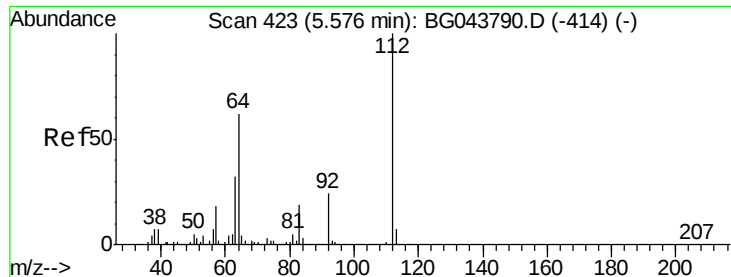
Ion Ratio Lower Upper

42 100

74 130.3 104.2 156.4

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 77.036 ng

RT: 5.58 min Scan# 423

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

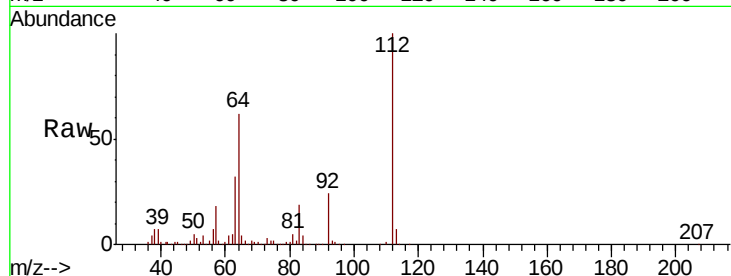
Tot Ion:112 Resp: 546873

Ion Ratio Lower Upper

112 100

64 62.4 49.9 74.9

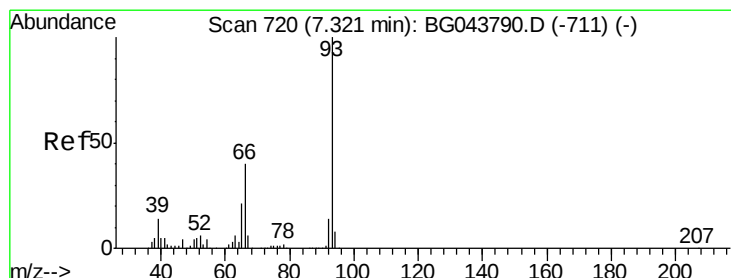
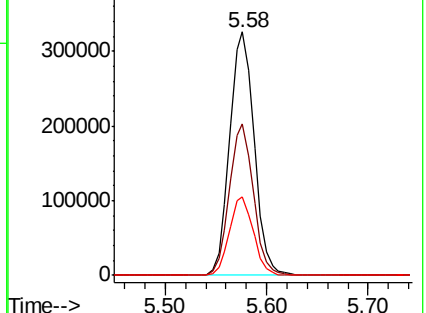
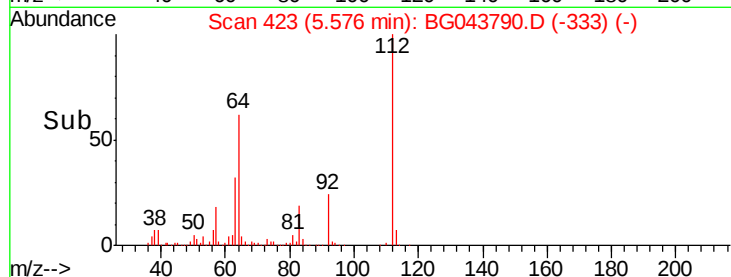
63 32.5 26.0 39.0



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: 38.390 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

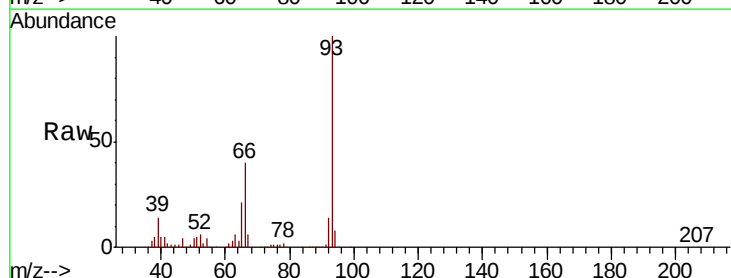
Tgt Ion: 93 Resp: 516271

Ion Ratio Lower Upper

93 100

66 39.9 31.9 47.9

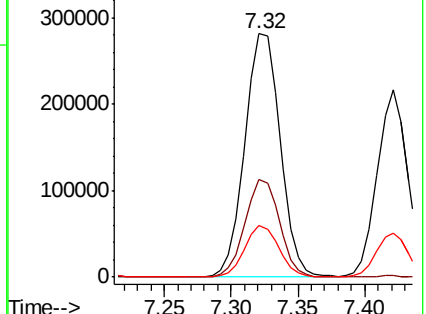
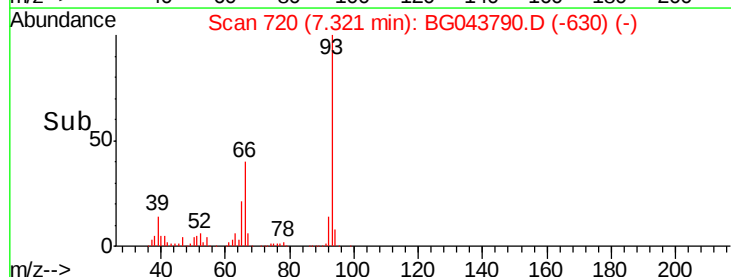
65 21.0 16.8 25.2

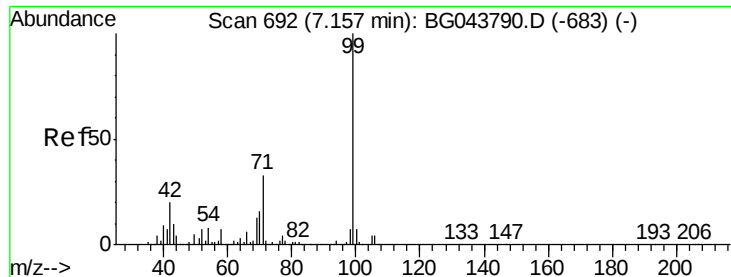


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.252 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

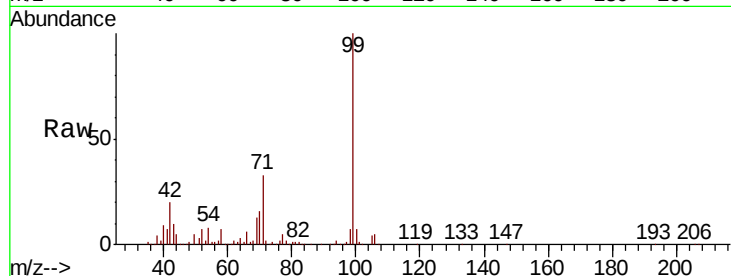
Tot Ion: 99 Resp: 786884

Ion Ratio Lower Upper

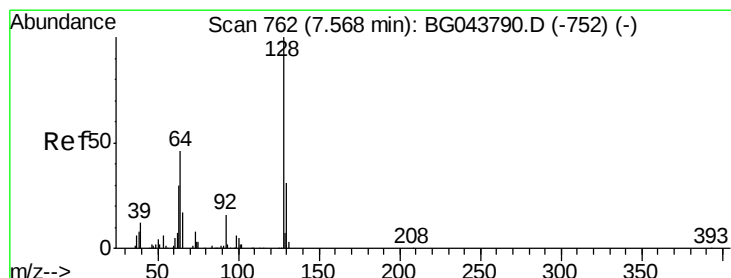
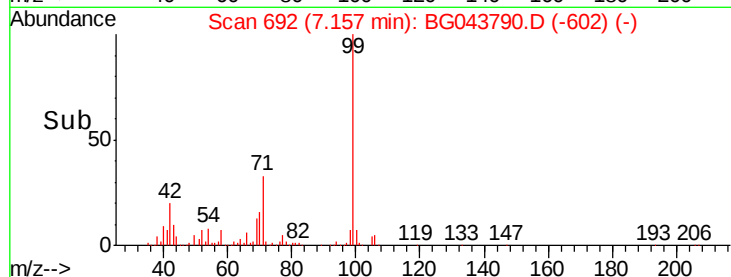
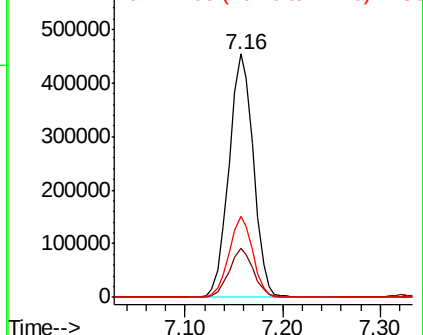
99 100

42 20.2 16.2 24.2

71 33.3 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.546 ng

RT: 7.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

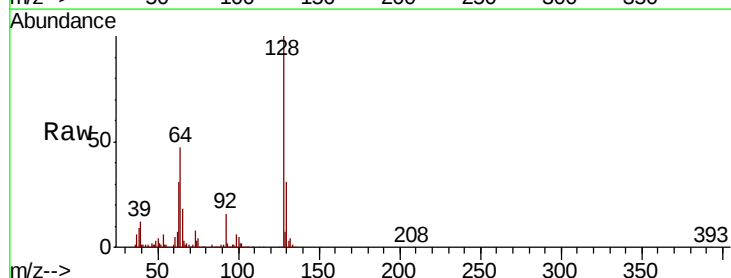
Tgt Ion: 128 Resp: 312098

Ion Ratio Lower Upper

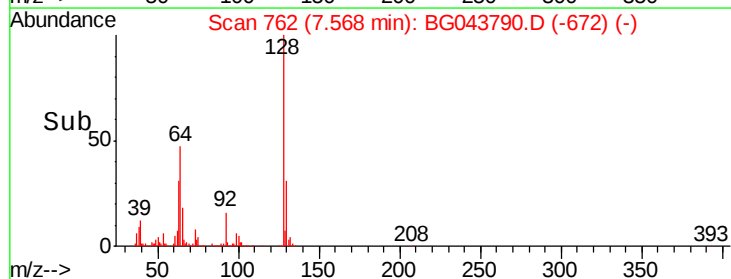
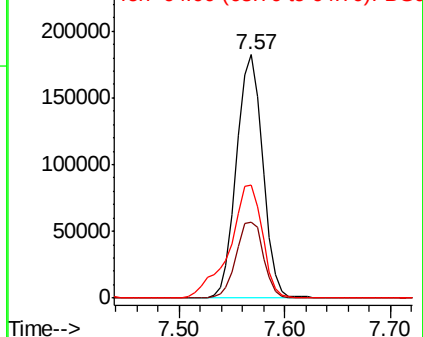
128 100

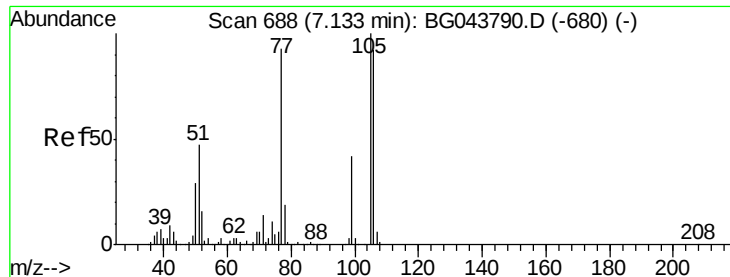
130 31.1 11.1 51.1

64 46.5 26.5 66.5



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: 32.818 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

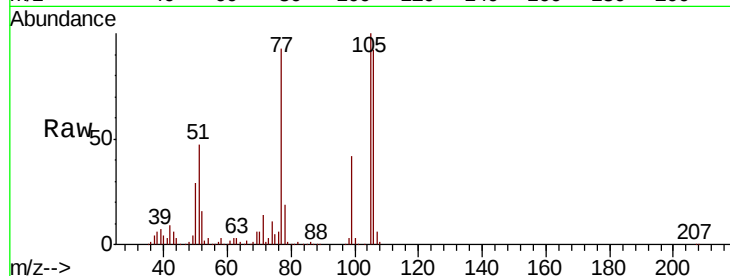
Tot Ion: 77 Resp: 202293

Ion Ratio Lower Upper

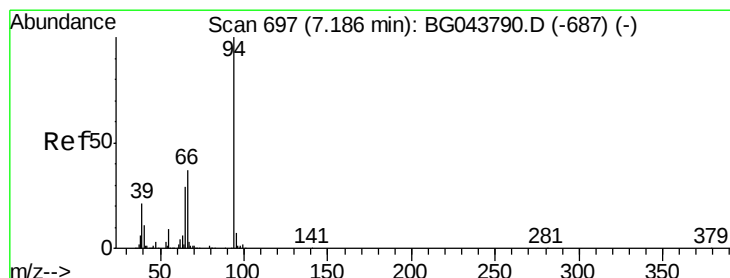
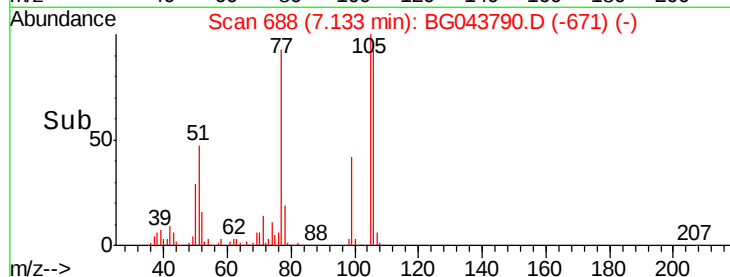
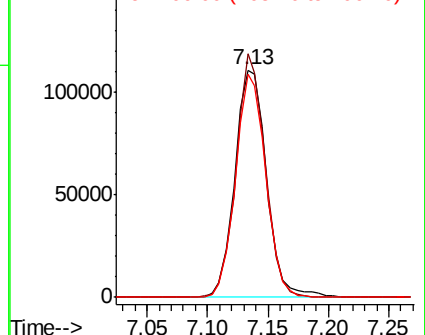
77 100

105 107.1 87.1 127.1

106 98.2 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.741 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

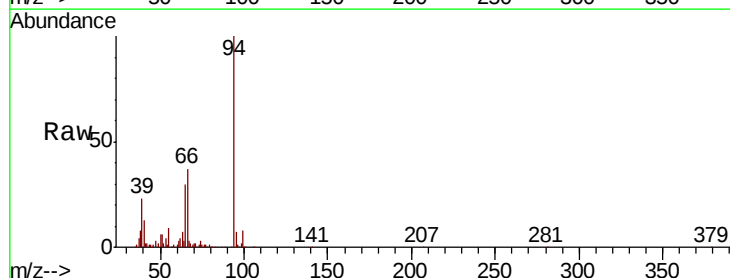
Tgt Ion: 94 Resp: 399821

Ion Ratio Lower Upper

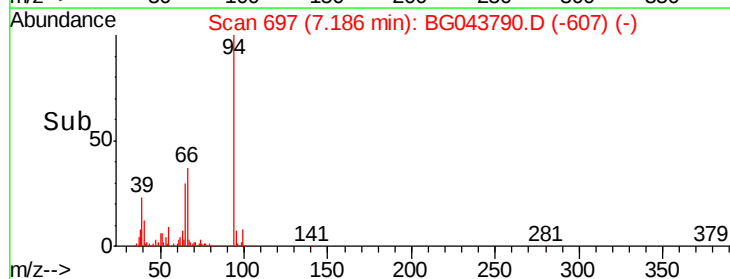
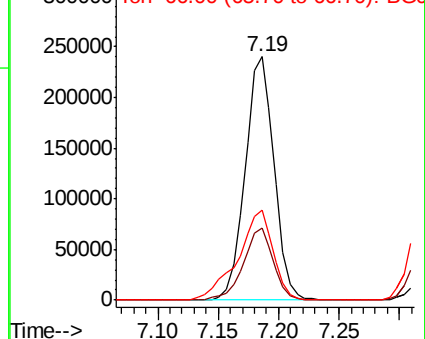
94 100

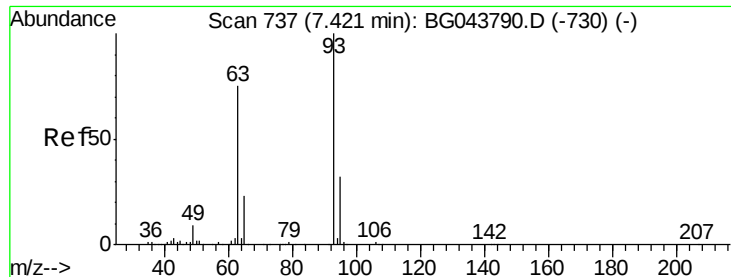
65 29.5 9.5 49.5

66 36.8 16.8 56.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

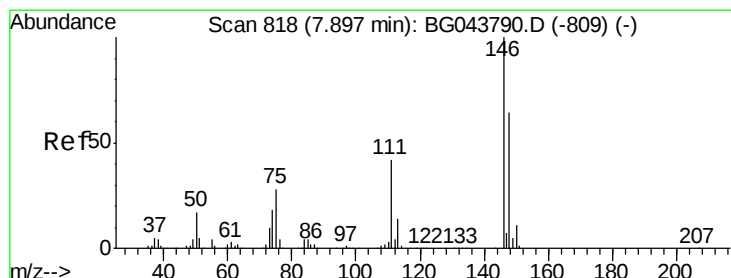
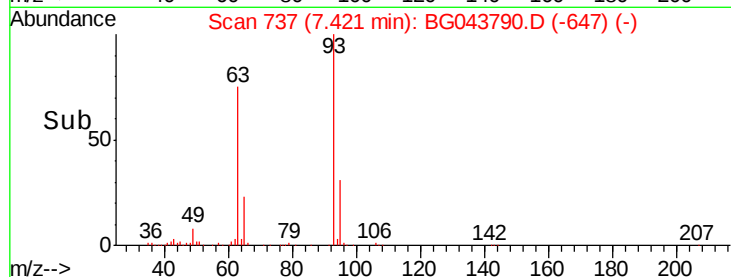
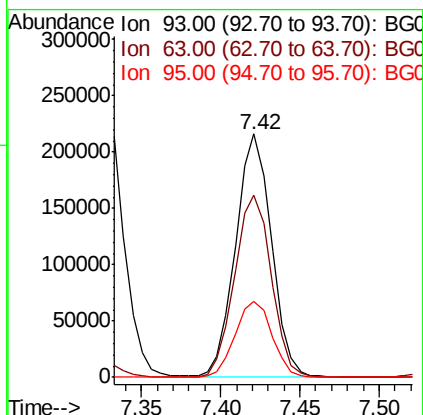
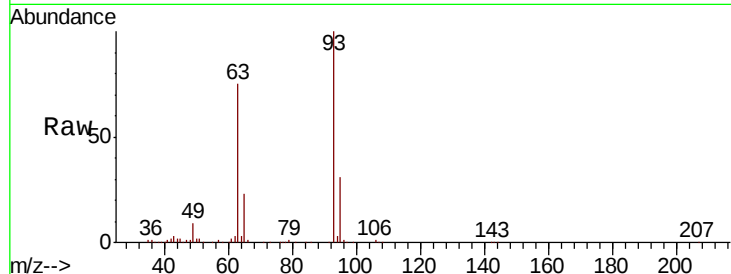




#11
bis(2-Chloroethyl)ether
Concen: 38.353 ng
RT: 7.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

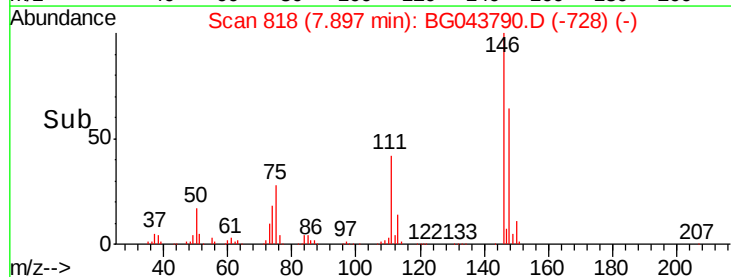
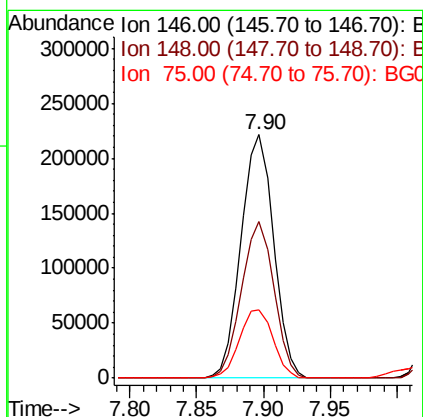
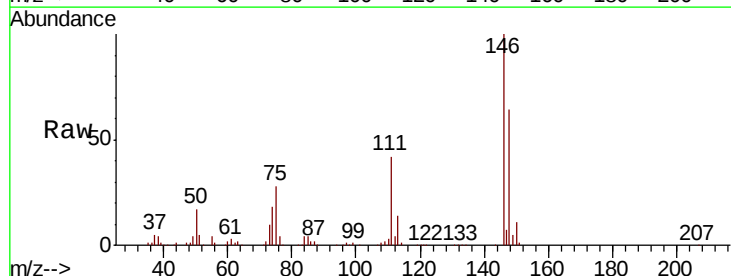
Instrument :
BNA_G
ClientSampled :

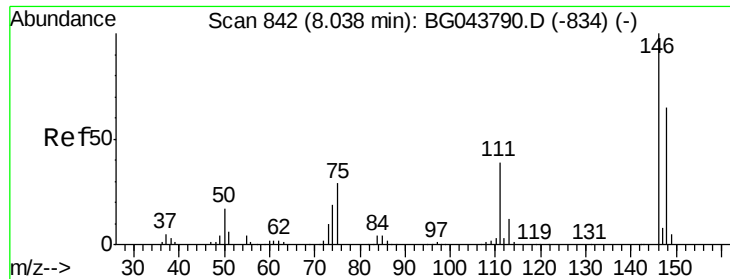
Tot Ion: 93 Resp: 339091
Ion Ratio Lower Upper
93 100
63 74.7 54.7 94.7
95 31.3 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 39.376 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion: 146 Resp: 375302
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 28.0 22.4 33.6

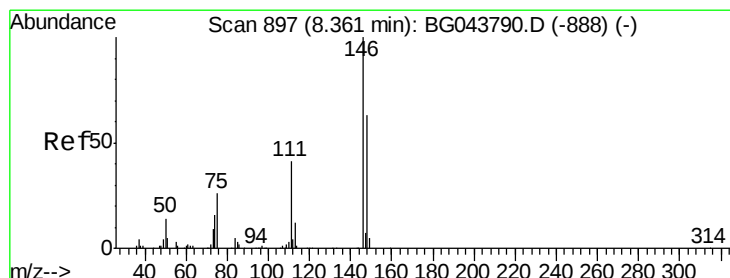
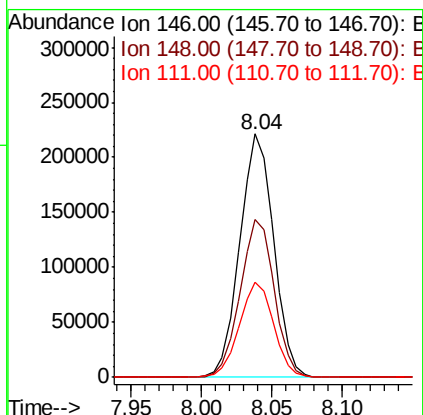
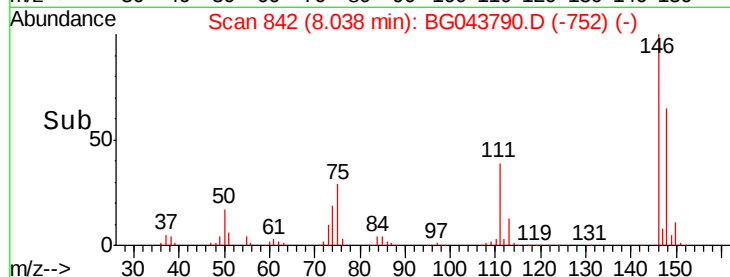
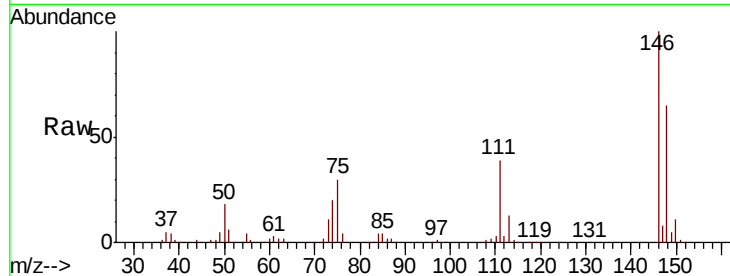




#13
 1,4-Dichlorobenzene
 Concen: 38.514 ng
 RT: 8.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

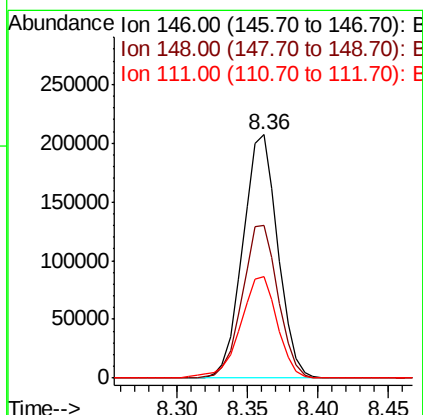
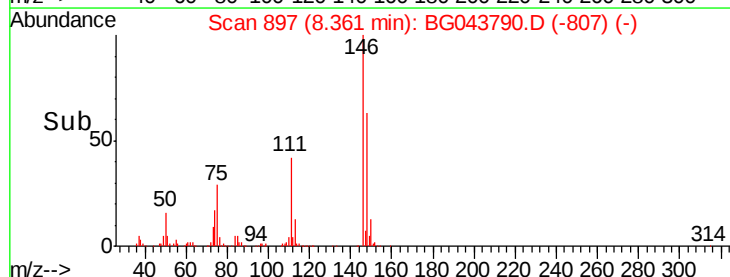
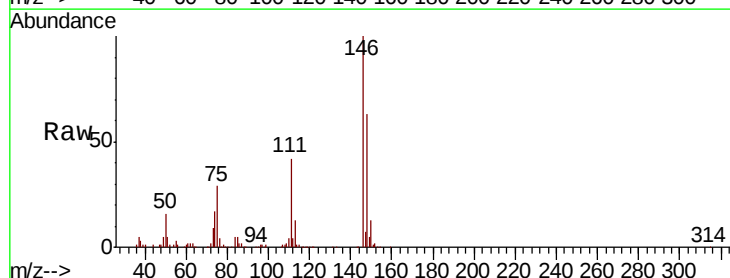
Instrument :
 BNA_G
 ClientSampleId :

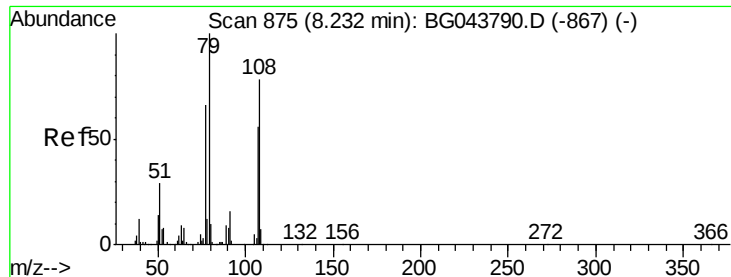
Tot Ion:146 Resp: 371813
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 39.3 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 39.367 ng
 RT: 8.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion:146 Resp: 359598
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.2 75.2
 111 41.8 33.4 50.2





#15

Benzyl Alcohol

Concen: 36.069 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

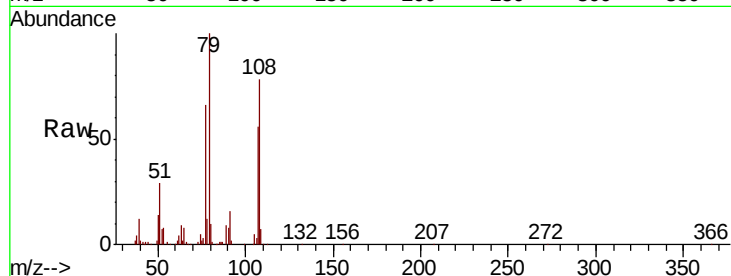
Tot Ion: 79 Resp: 310894

Ion Ratio Lower Upper

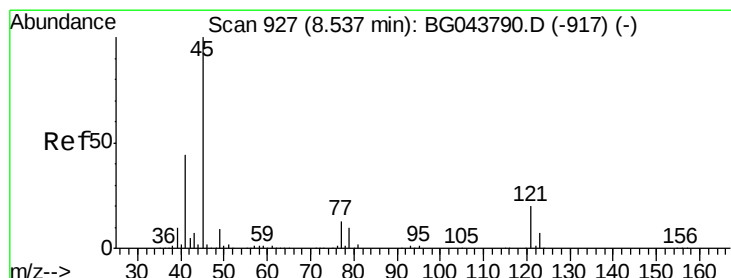
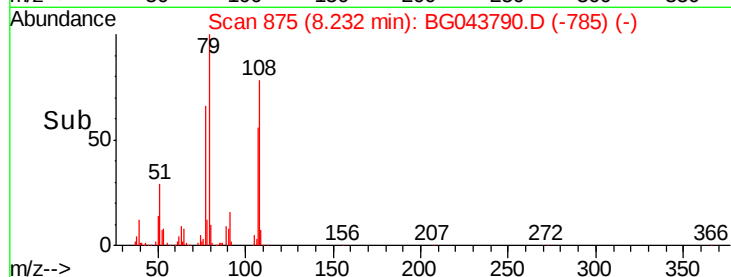
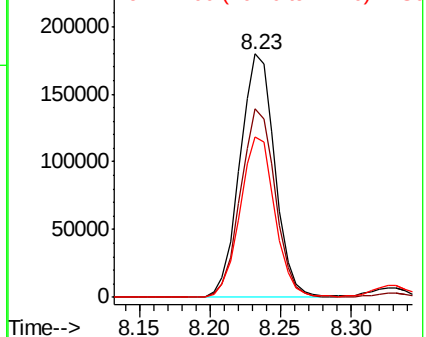
79 100

108 77.7 62.2 93.2

77 66.0 52.8 79.2



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: 35.827 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

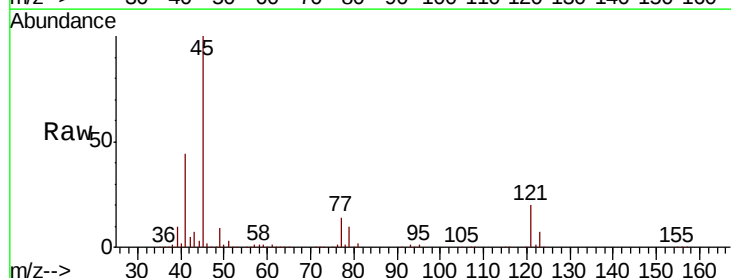
Tgt Ion: 45 Resp: 544756

Ion Ratio Lower Upper

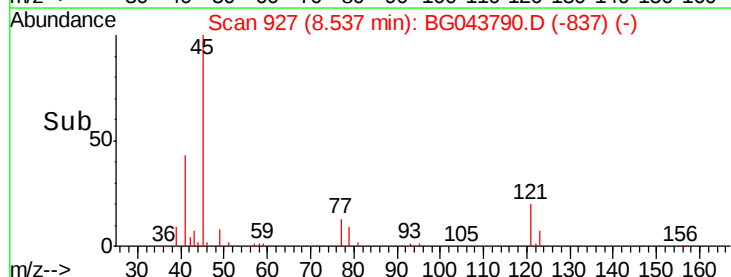
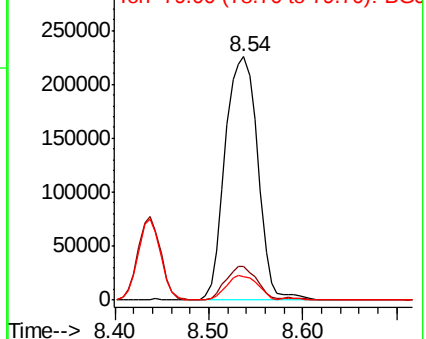
45 100

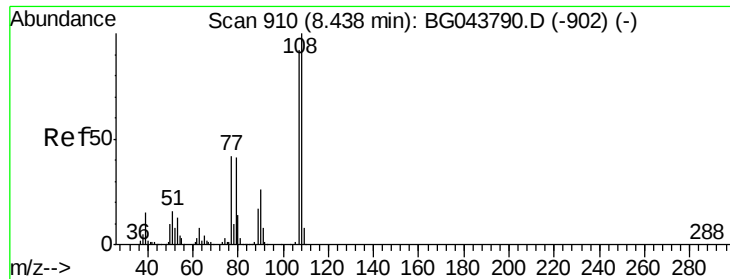
77 13.6 0.0 33.6

79 9.9 0.0 29.9



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: 37.690 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 285469

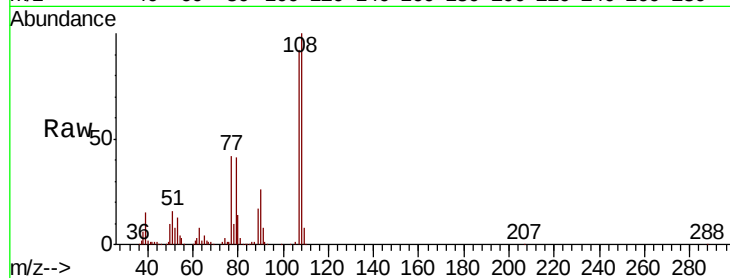
Ion Ratio Lower Upper

107 100

108 109.0 87.2 130.8

77 45.7 36.6 54.8

79 44.4 35.5 53.3

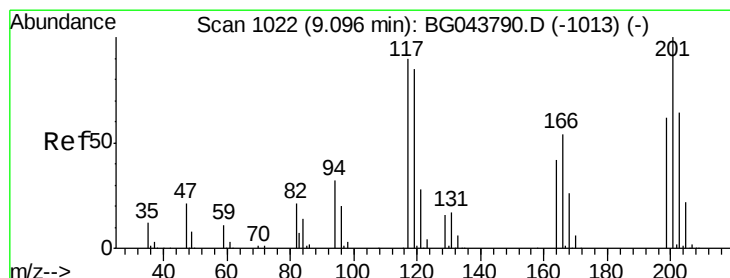
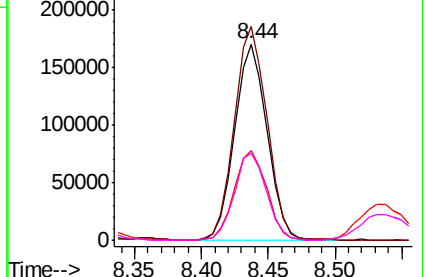
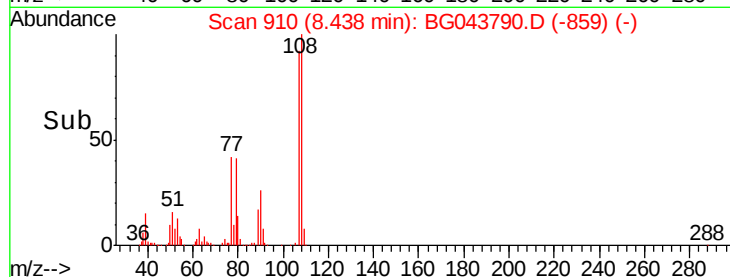


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.575 ng

RT: 9.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

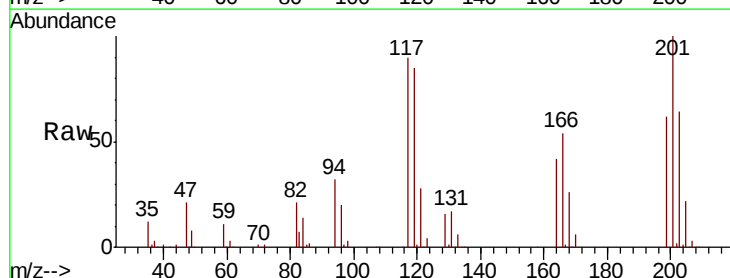
Tgt Ion:117 Resp: 133292

Ion Ratio Lower Upper

117 100

119 94.5 75.6 113.4

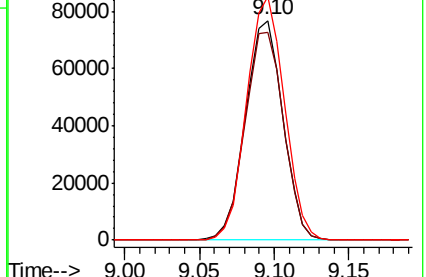
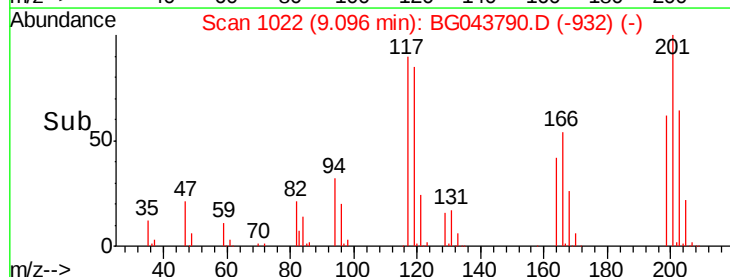
201 110.8 88.6 133.0

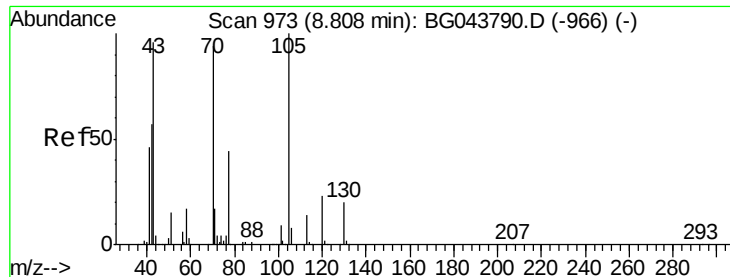


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

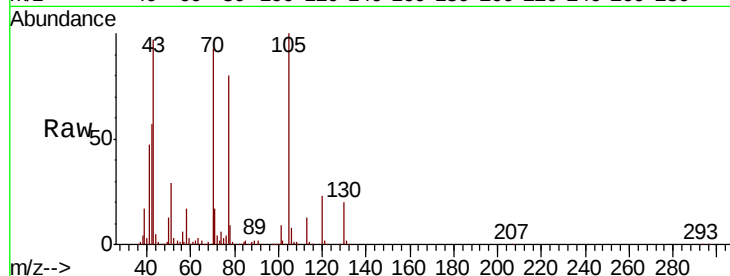




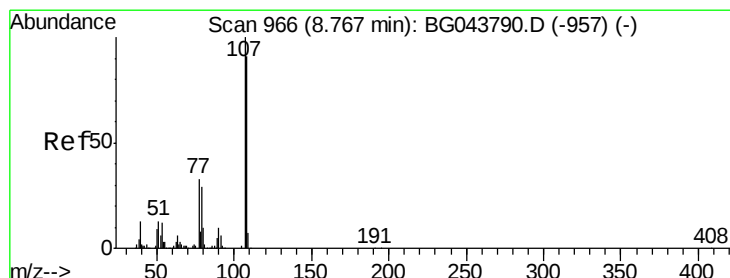
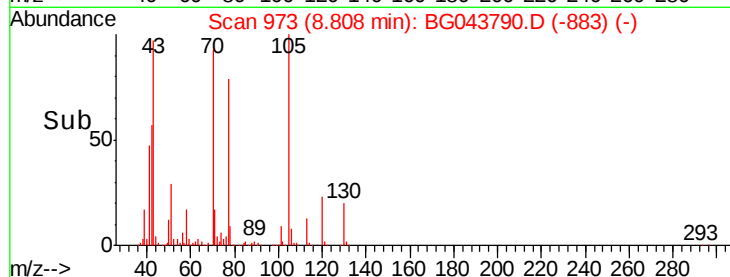
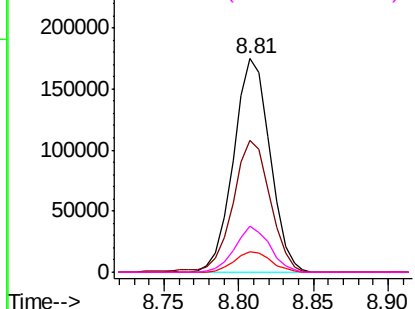
#19
n-Nitroso-di-n-propylamine
Concen: 36.411 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 295481
Ion Ratio Lower Upper
70 100
42 61.5 49.2 73.8
101 9.7 7.8 11.6
130 21.3 17.0 25.6

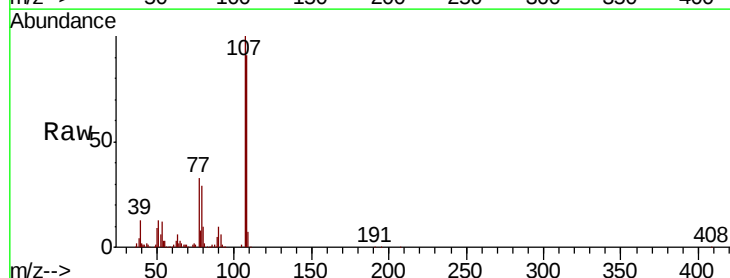


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

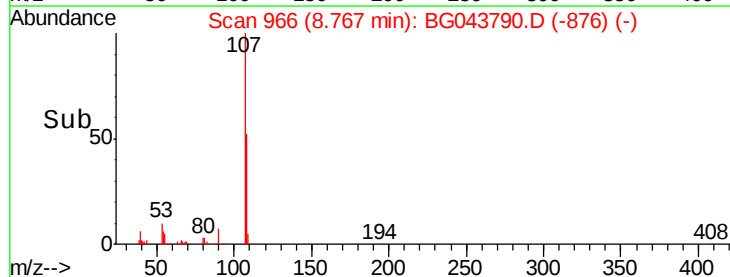
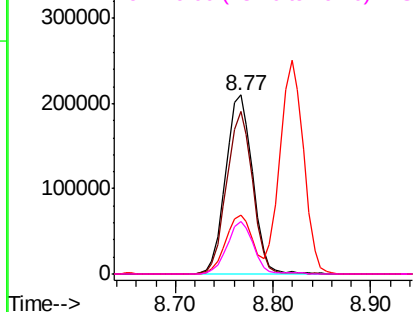


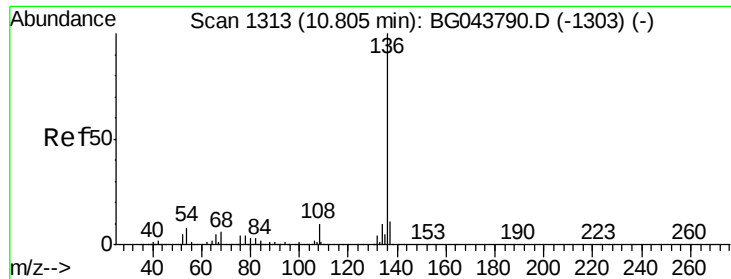
#20
3+4-Methylphenols
Concen: 38.063 ng
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion: 107 Resp: 402199
Ion Ratio Lower Upper
107 100
108 90.9 70.9 110.9
77 32.7 12.7 52.7
79 29.1 9.1 49.1



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

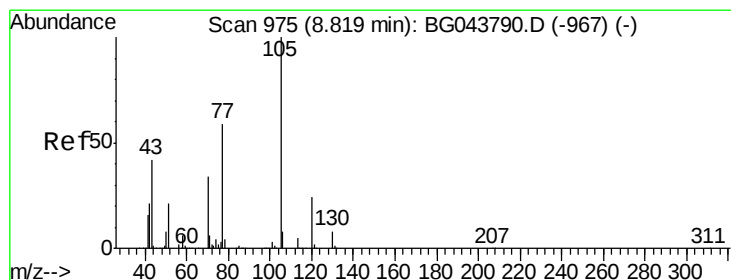
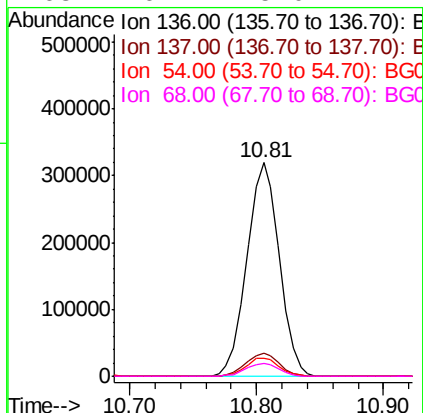
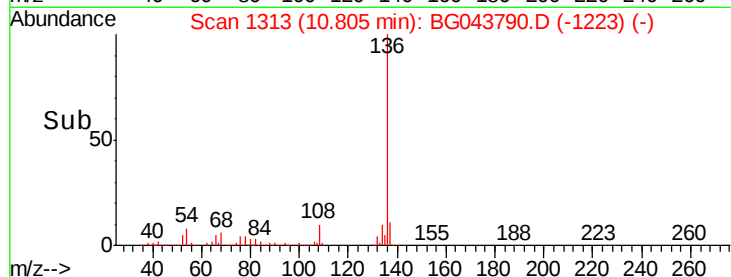
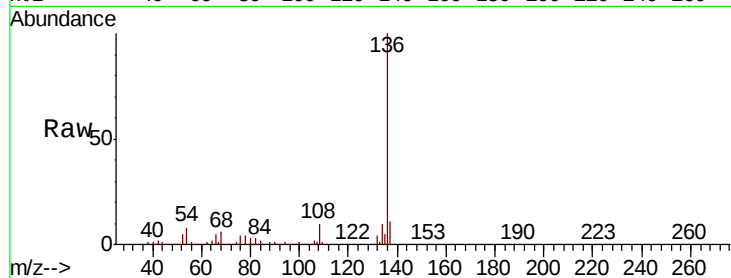




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

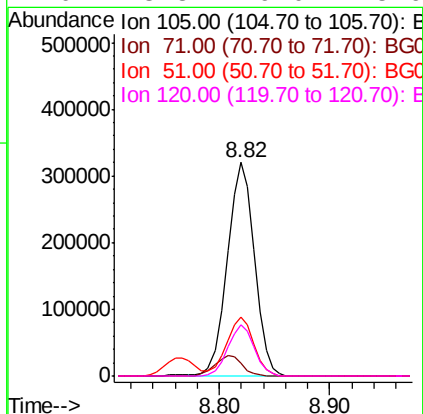
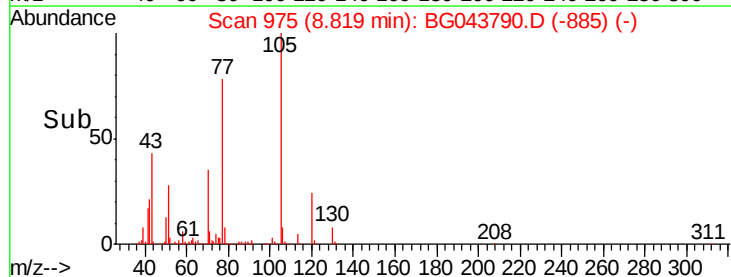
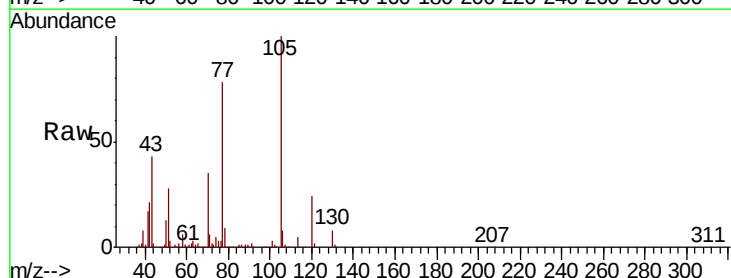
Instrument :
BNA_G
ClientSampleId :

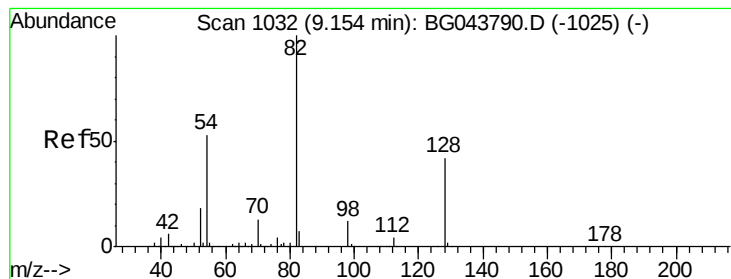
Tot Ion:136	Resp: 566332
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 8.5	6.8 10.2
68 6.2	5.0 7.4



#22
Acetophenone
Concen: 36.628 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt	Ion:105	Resp:	549804
Ion	Ratio	Lower	Upper
105	100		
71	6.1	4.9	7.3
51	27.8	22.2	33.4
120	23.8	19.0	28.6





#23

Nitrobenzene-d5

Concen: 76.002 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampled :

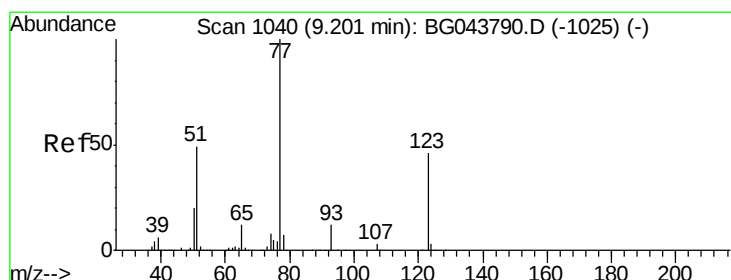
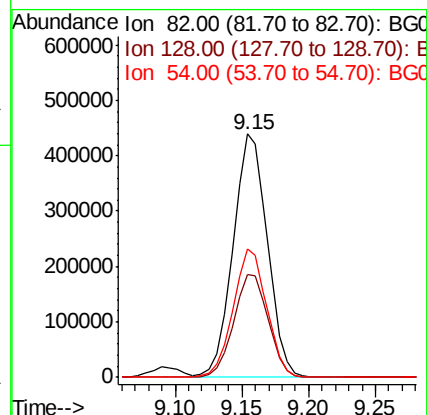
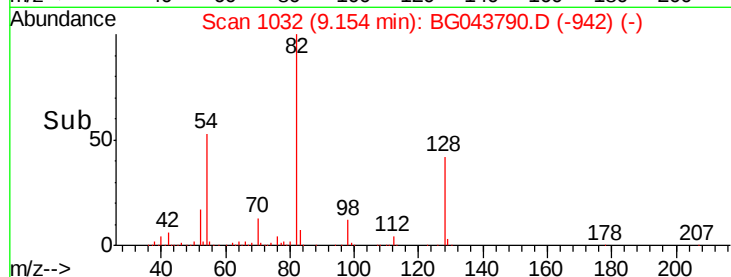
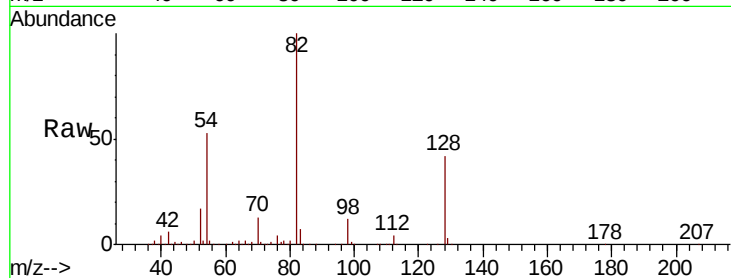
Tot Ion: 82 Resp: 782841

Ion Ratio Lower Upper

82 100

128 42.0 33.6 50.4

54 52.6 42.1 63.1



#24

Nitrobenzene

Concen: 37.225 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

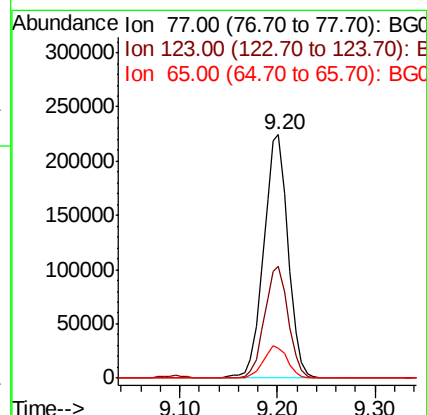
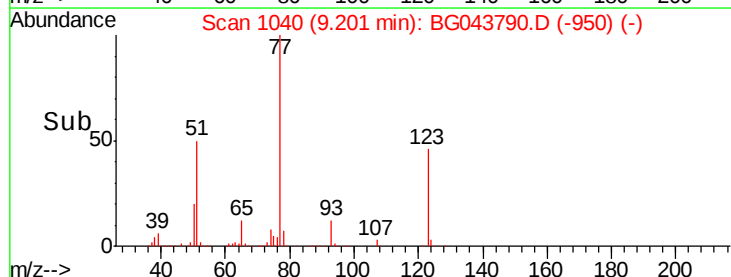
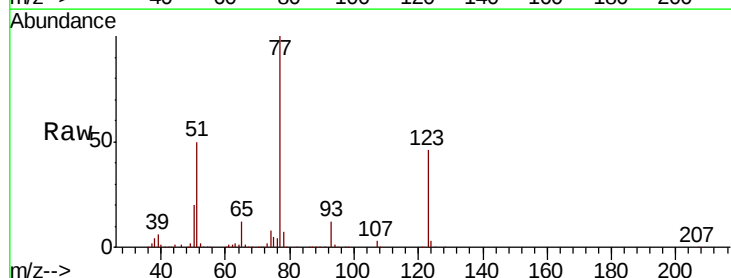
Tgt Ion: 77 Resp: 394124

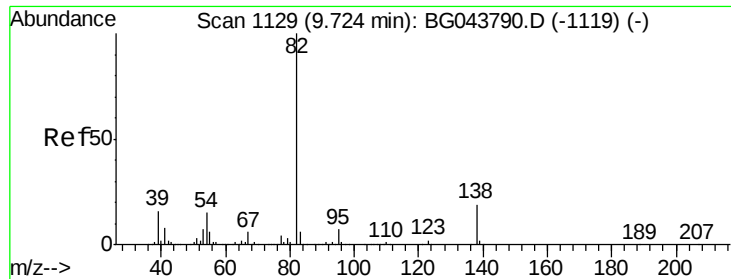
Ion Ratio Lower Upper

77 100

123 45.8 36.6 55.0

65 12.2 9.8 14.6

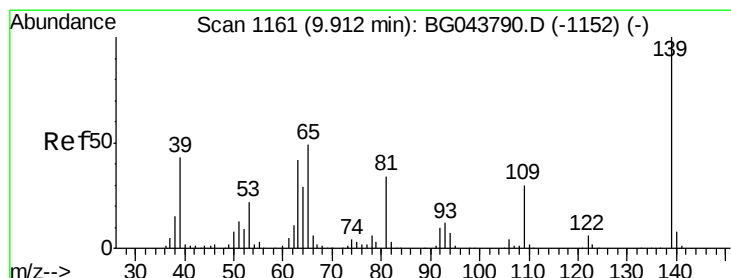
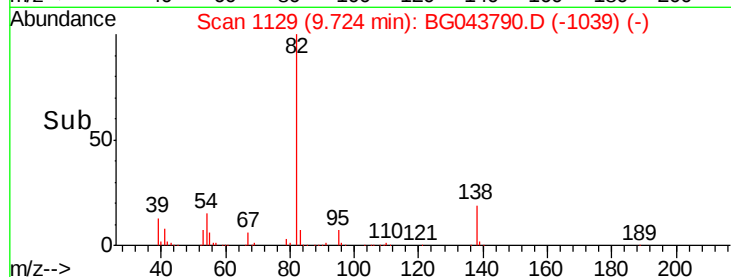
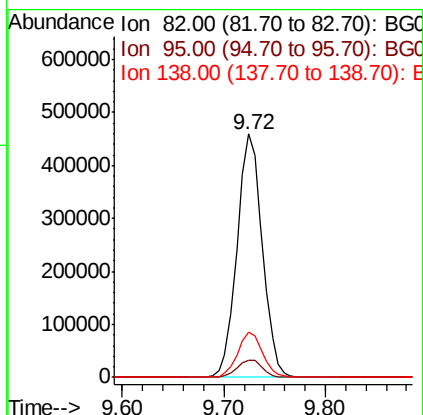
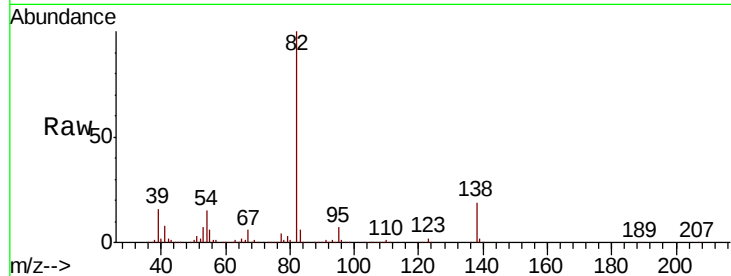




#25
Isophorone
Concen: 35.782 ng
RT: 9.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

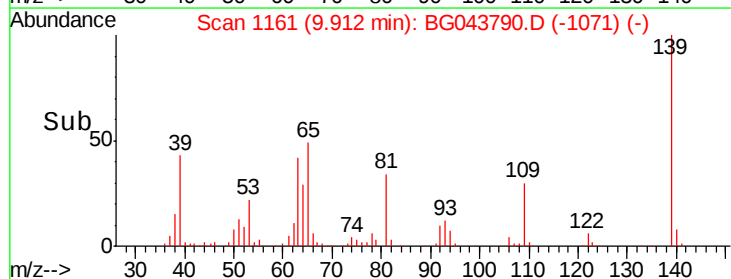
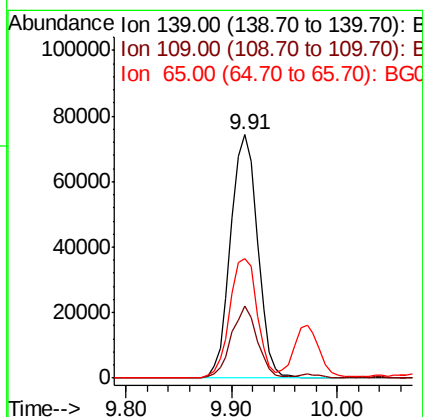
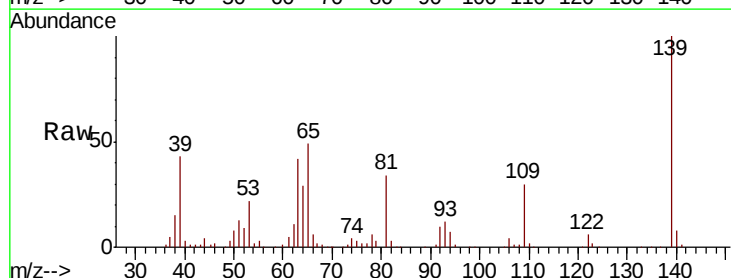
Instrument :
BNA_G
ClientSampleId :

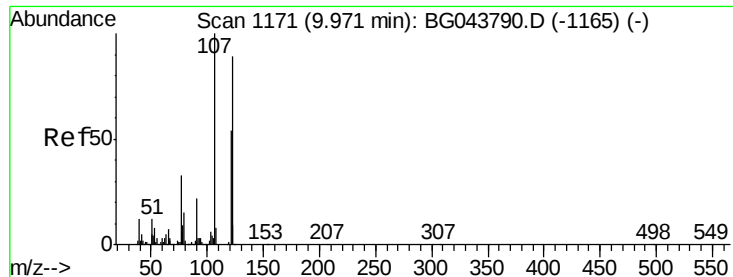
Tot Ion: 82 Resp: 790293
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.5 14.8 22.2



#26
2-Nitrophenol
Concen: 34.359 ng
RT: 9.91 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion: 139 Resp: 131247
Ion Ratio Lower Upper
139 100
109 29.9 23.9 35.9
65 49.1 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 36.757 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampled :

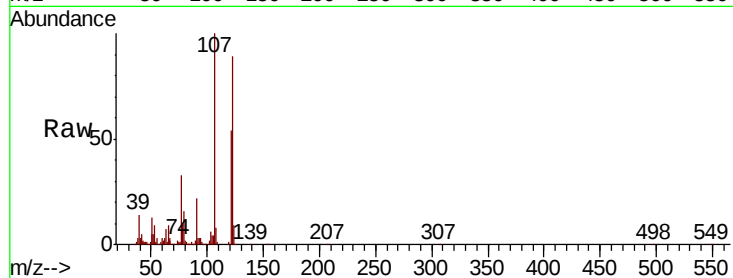
Tot Ion:122 Resp: 275698

Ion Ratio Lower Upper

122 100

107 112.5 90.0 135.0

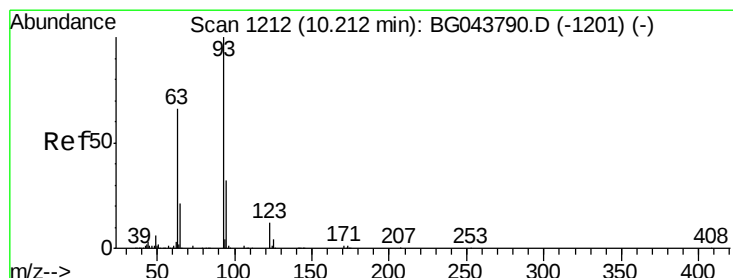
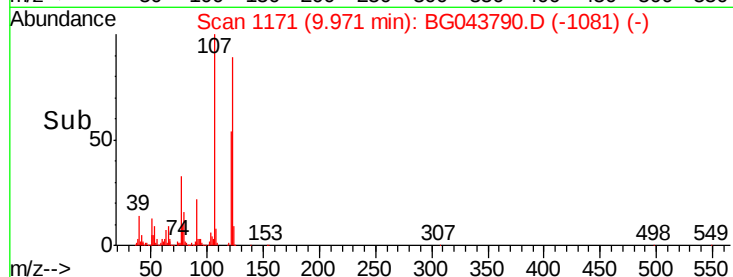
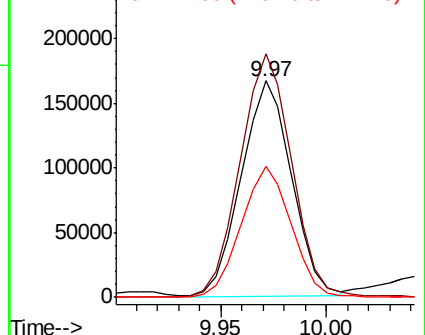
121 60.8 48.6 73.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.829 ng

RT: 10.21 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

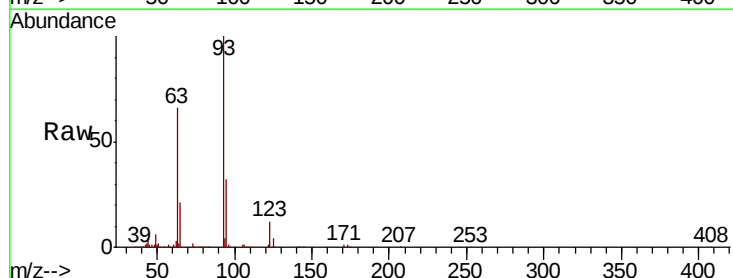
Tgt Ion: 93 Resp: 501336

Ion Ratio Lower Upper

93 100

95 32.1 25.7 38.5

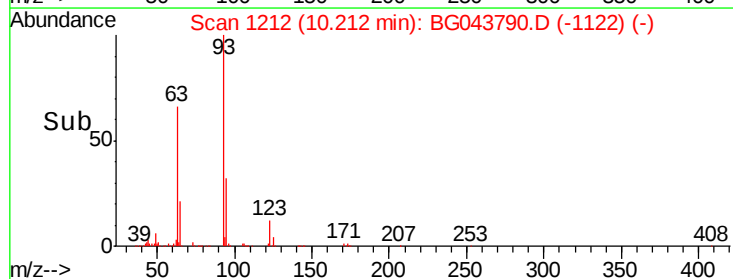
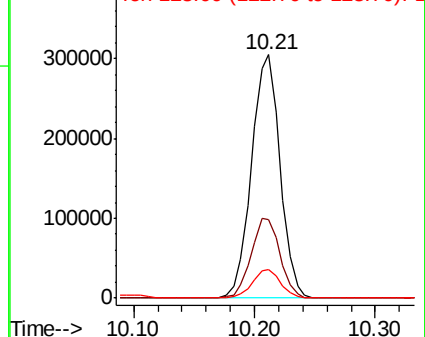
123 11.9 9.5 14.3

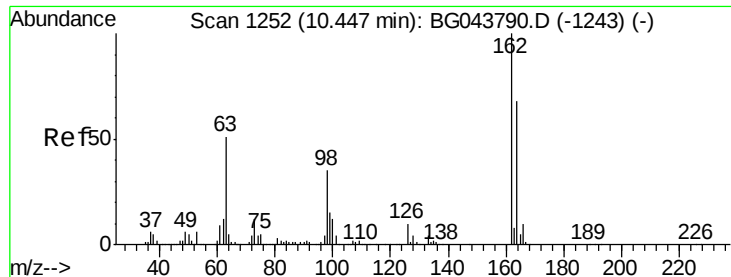


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

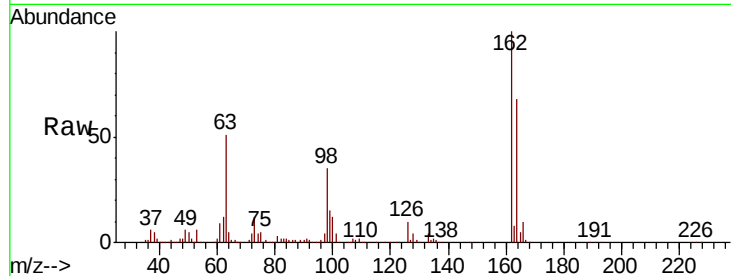




#29
 2,4-Dichlorophenol
 Concen: 37.363 ng
 RT: 10.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	340694
Ion Ratio	Lower	Upper	
162	100		
164	68.0	48.0	88.0
98	34.9	14.9	54.9

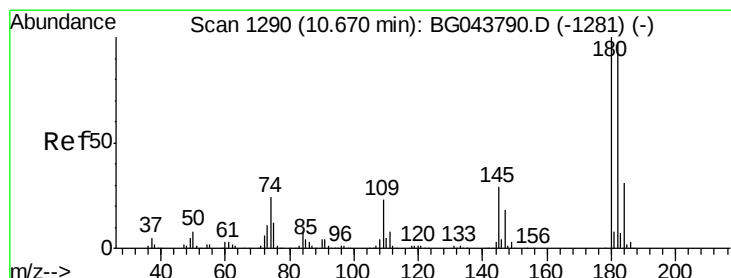
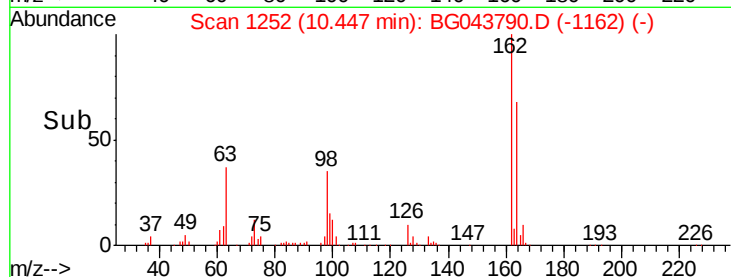
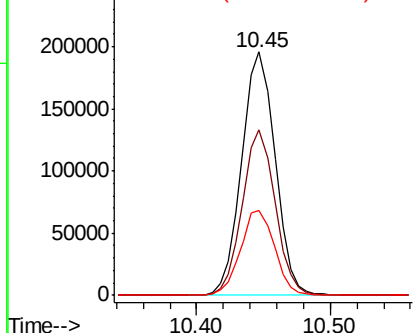


Abundance

Ion 162.00 (161.70 to 162.70): E

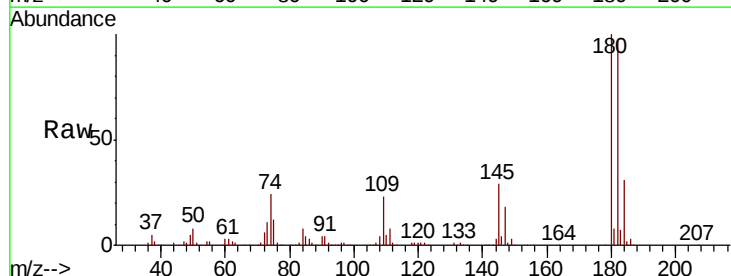
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 37.079 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	180	Resp	396202
Ion Ratio	Lower	Upper	
180	100		
182	97.3	77.8	116.8
145	28.8	23.0	34.6

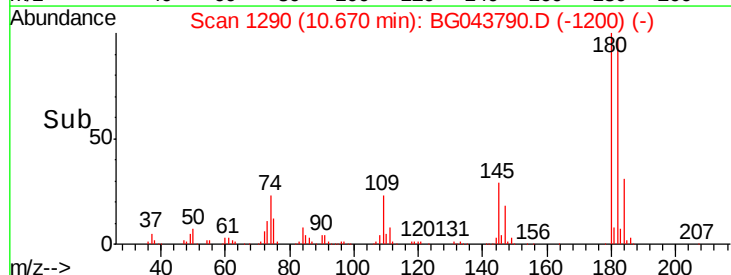
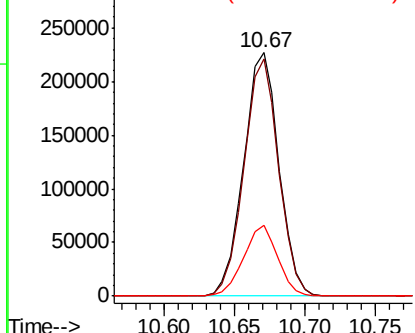


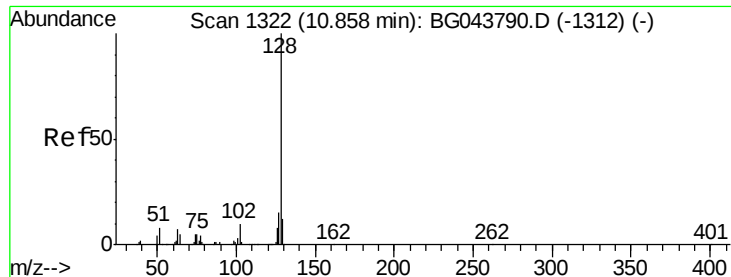
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

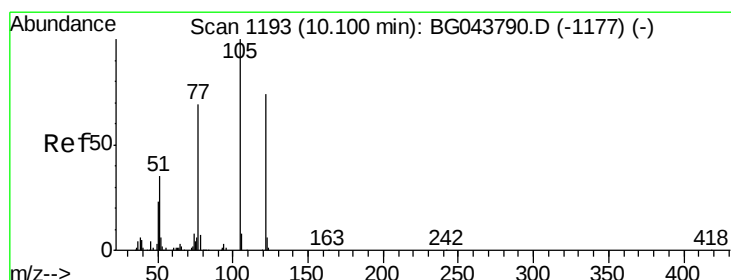
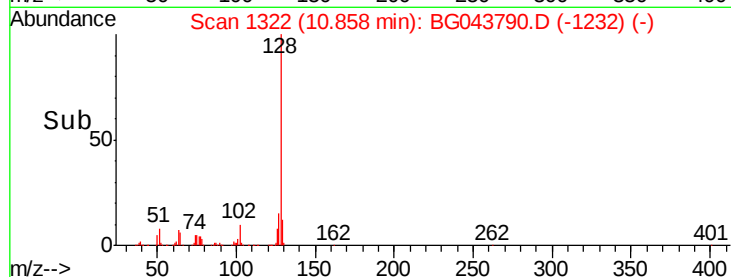
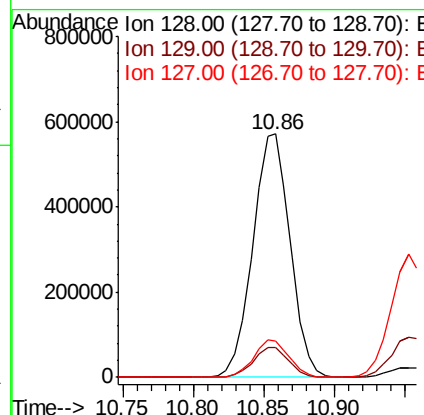
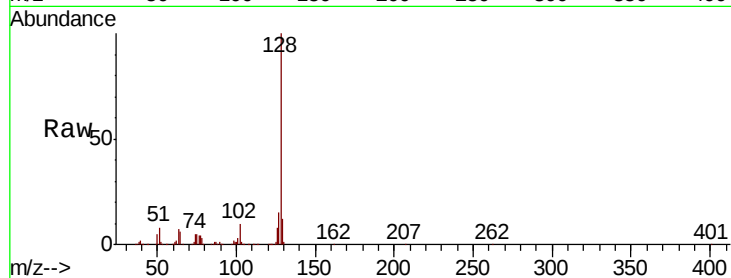




#31
Naphthalene
Concen: 37.642 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

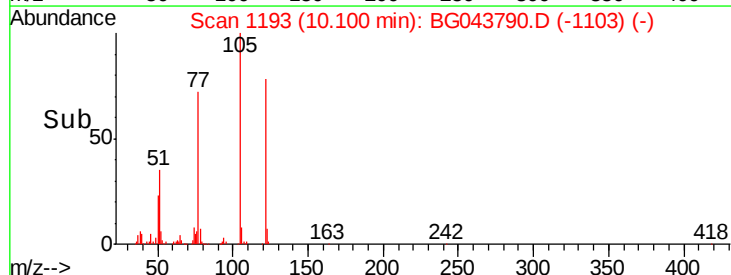
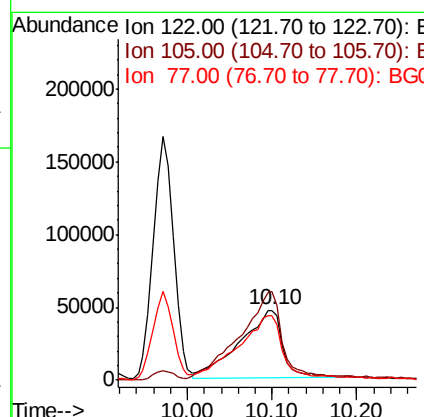
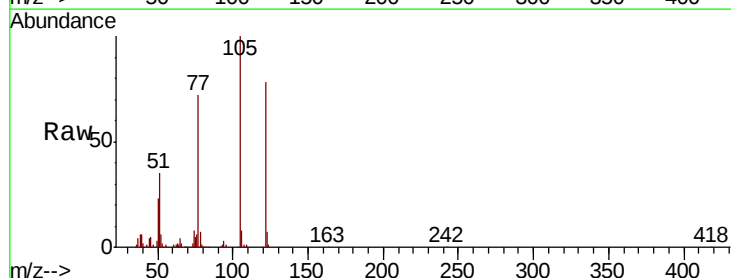
Instrument :
BNA_G
ClientSampleId :

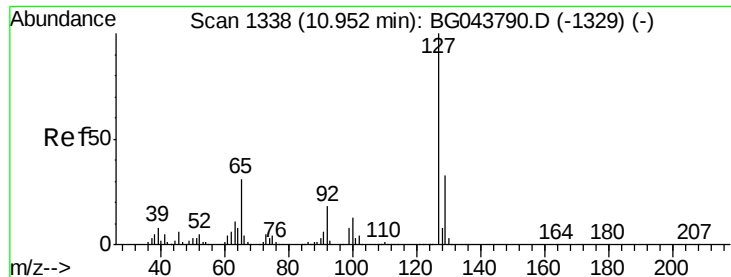
Tot Ion:128 Resp: 1057499
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.9 11.9 17.9



#32
Benzoic acid
Concen: 30.448 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:122 Resp: 164692
Ion Ratio Lower Upper
122 100
105 127.5 107.5 147.5
77 91.7 71.7 111.7

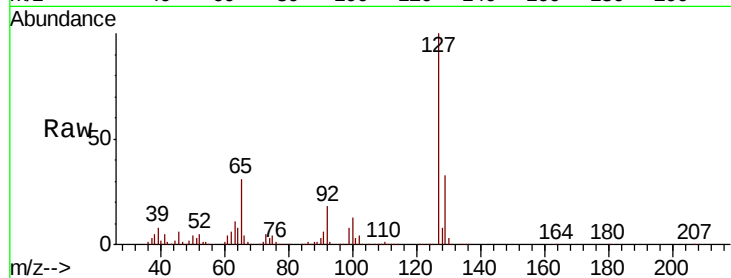




#33
4-Chloroaniline
Concen: 37.855 ng
RT: 10.95 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	512376
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	30.5	24.4	36.6
92	18.3	14.6	22.0



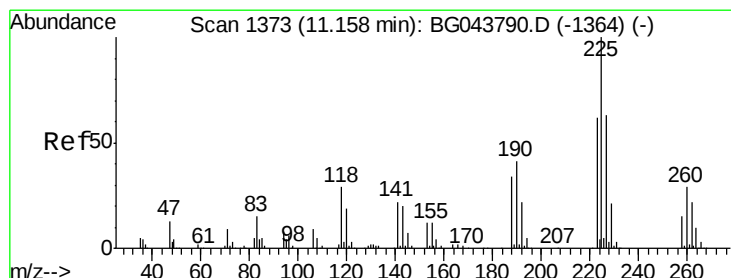
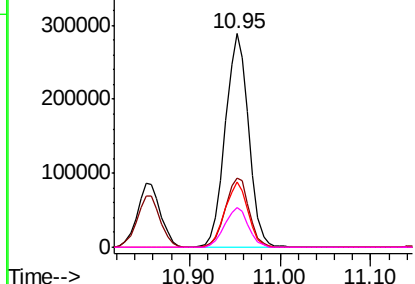
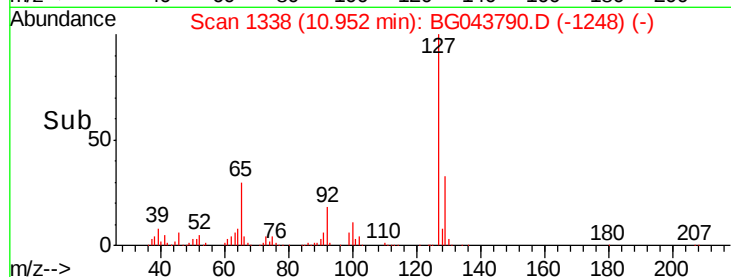
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

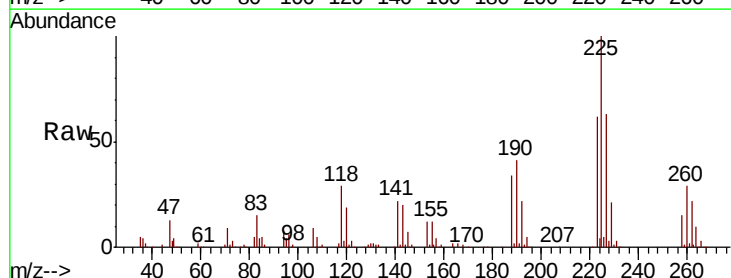
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 34.116 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:	225	Resp:	239711
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.3	73.9
227	62.7	50.2	75.2

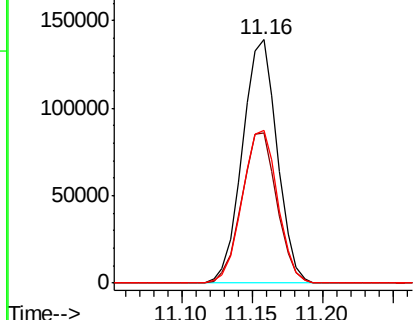
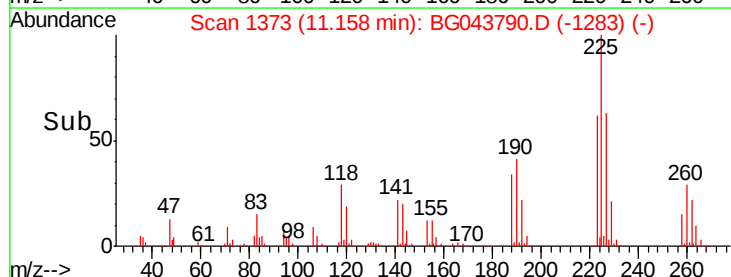


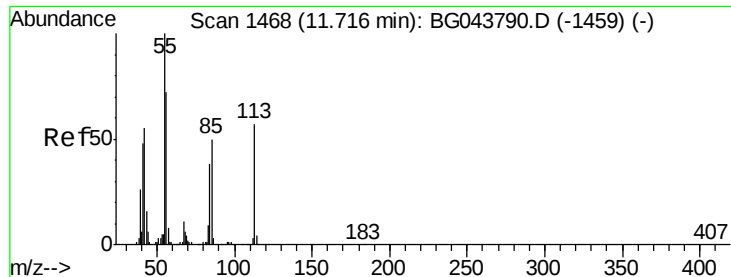
Abundance

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: 35.627 ng

RT: 11.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

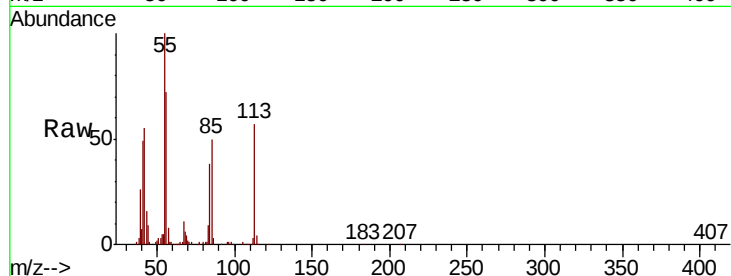
Tot Ion:113 Resp: 132097

Ion Ratio Lower Upper

113 100

55 174.2 154.2 194.2

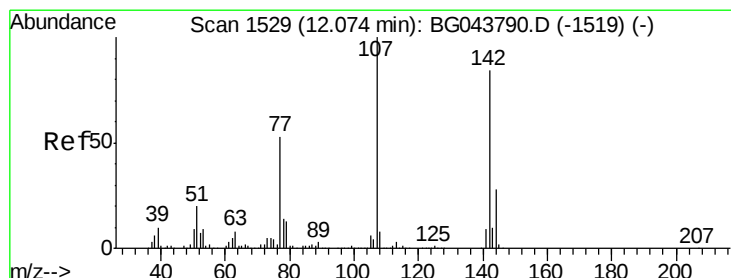
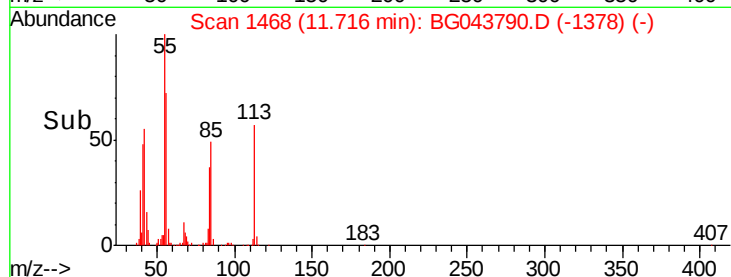
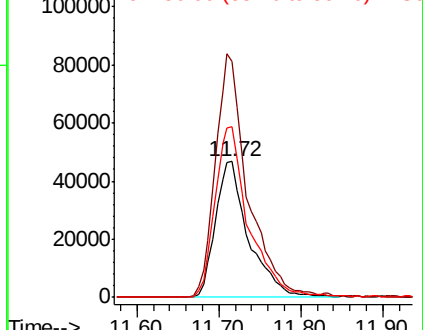
56 125.6 105.6 145.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 36.059 ng

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

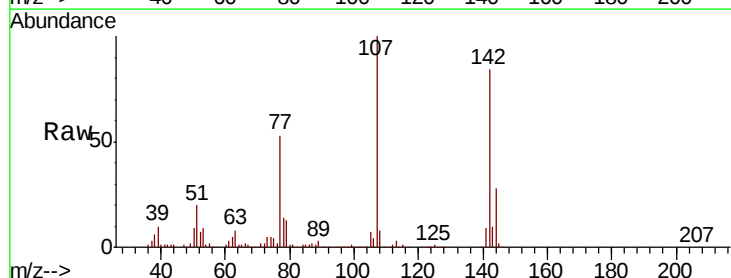
Tgt Ion:107 Resp: 369510

Ion Ratio Lower Upper

107 100

144 27.8 22.2 33.4

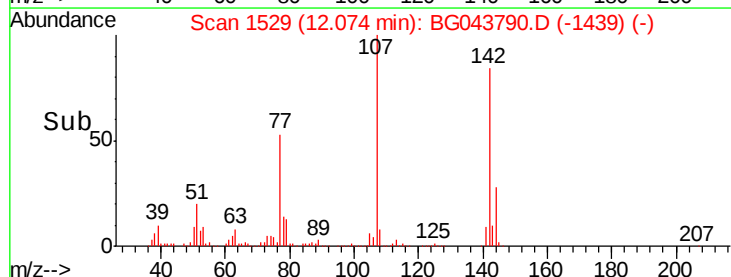
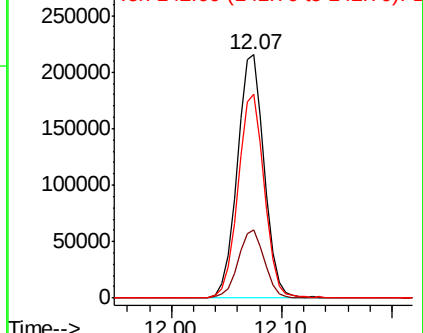
142 83.8 67.0 100.6

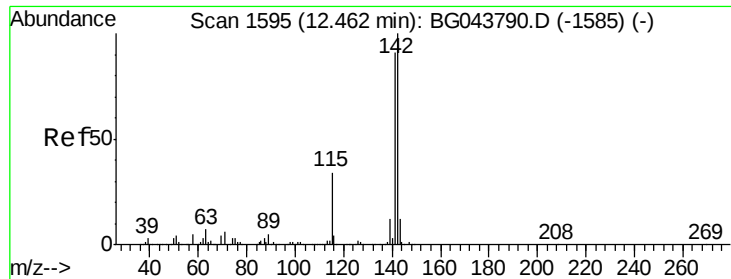


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

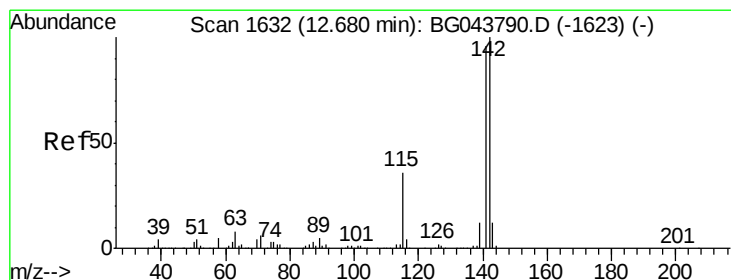
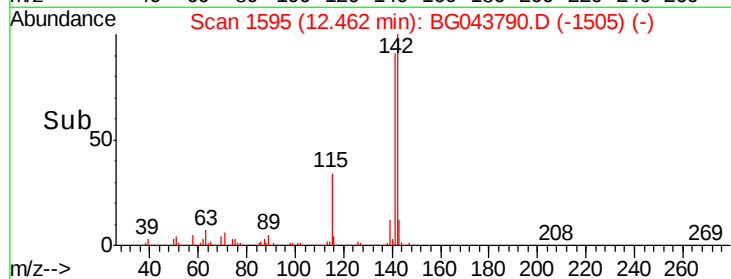
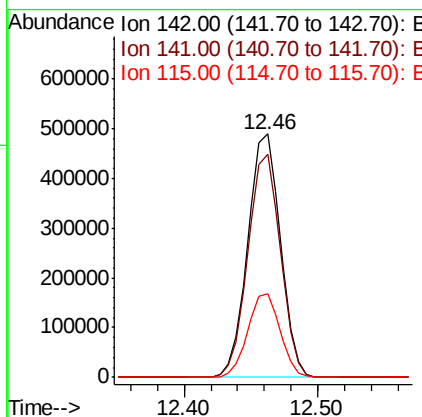
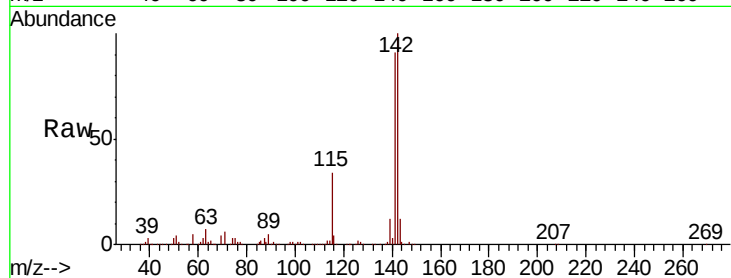




#37
2-Methylnaphthalene
Concen: 38.891 ng
RT: 12.46 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

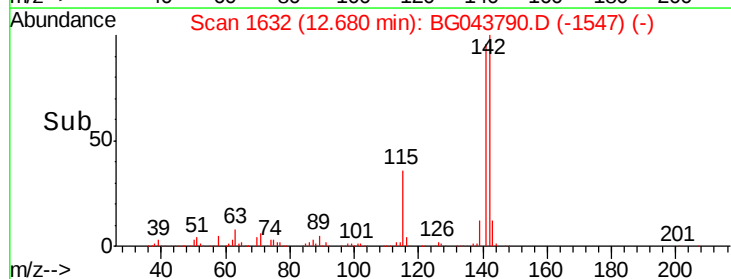
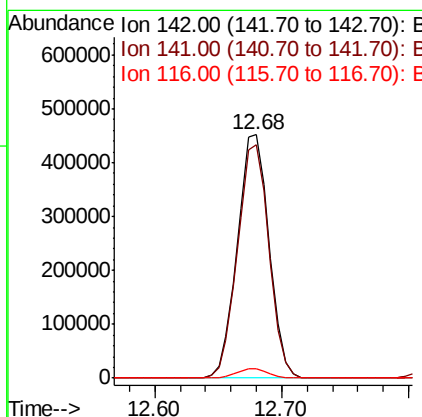
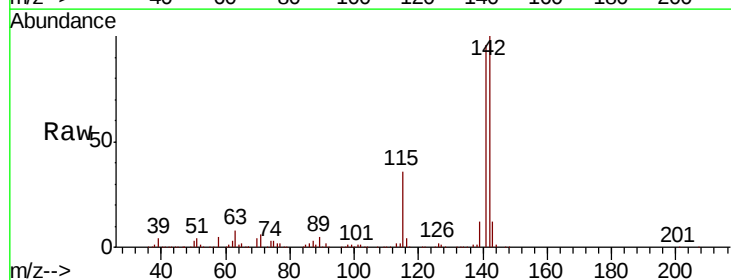
Instrument :
BNA_G
ClientSampleId :

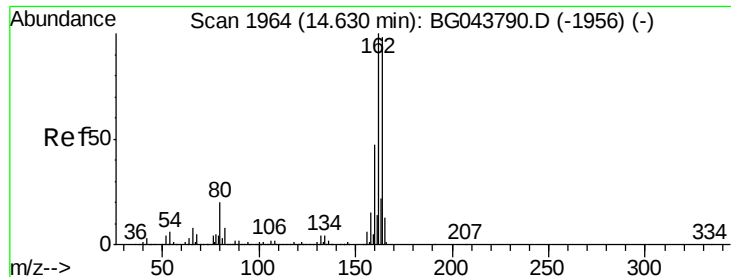
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
115	34.1	27.3	40.9



#38
1-Methylnaphthalene
Concen: 38.957 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.1	76.9	115.3
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

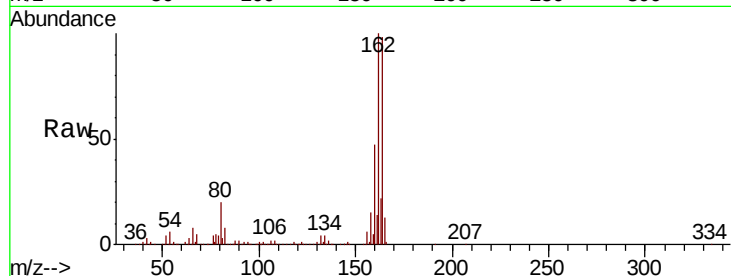
Tot Ion:164 Resp: 389789

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

160 47.9 38.3 57.5

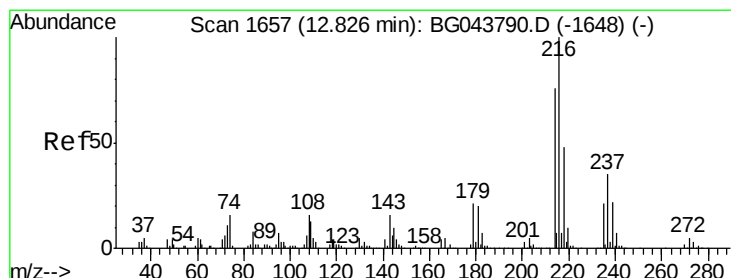
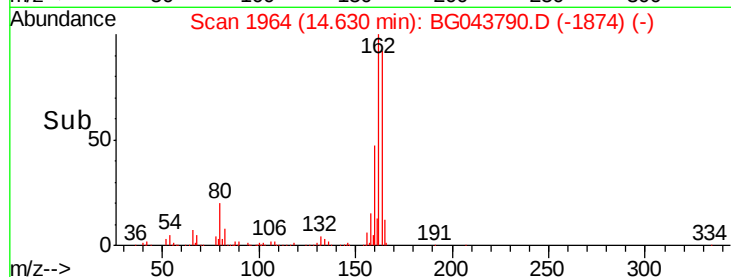
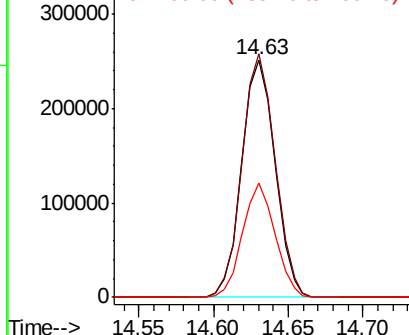


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.714 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:216 Resp: 455355

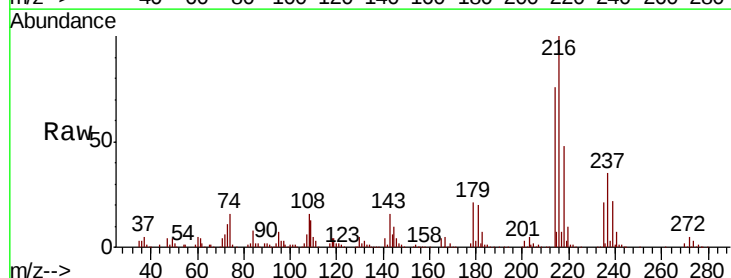
Ion Ratio Lower Upper

216 100

214 77.8 62.2 93.4

179 20.8 16.6 25.0

108 17.1 13.7 20.5



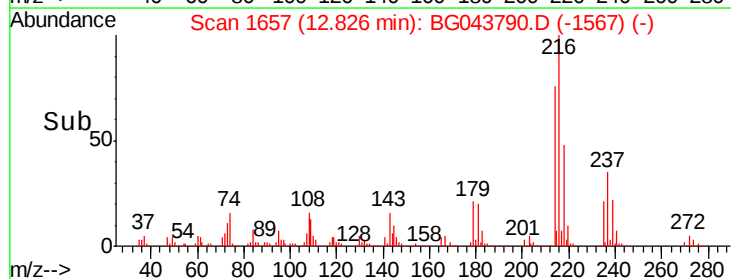
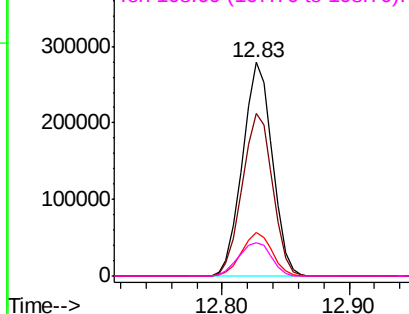
Abundance

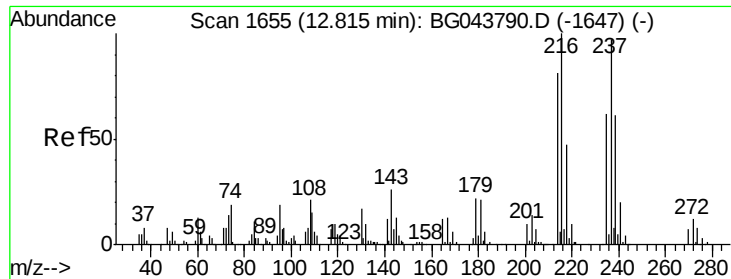
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

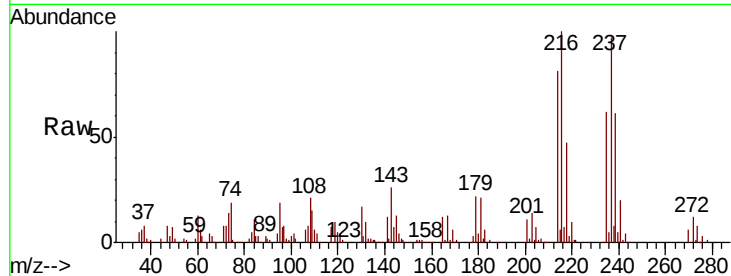




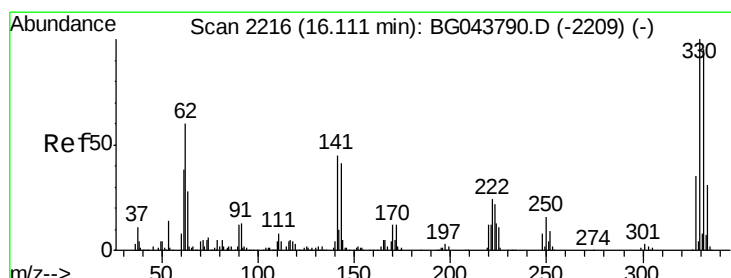
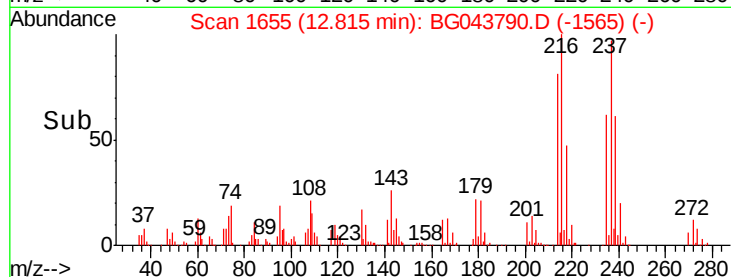
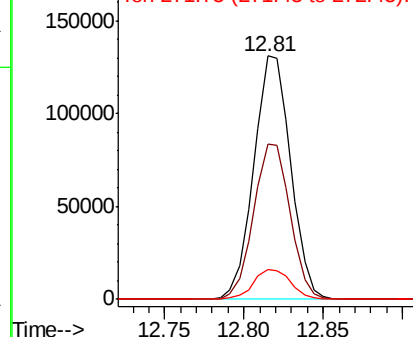
#41
Hexachlorocyclopentadiene
Concen: 31.683 ng
RT: 12.81 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 212309
Ion Ratio Lower Upper
237 100
235 63.9 43.9 83.9
272 12.0 0.0 32.0

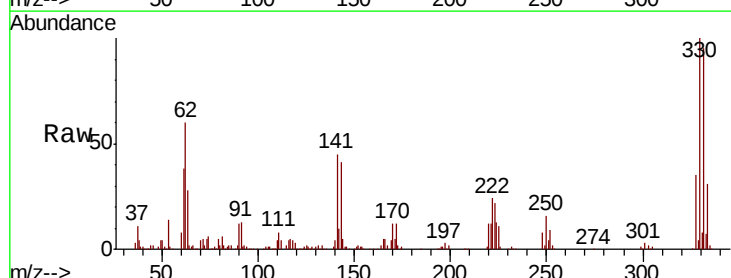


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

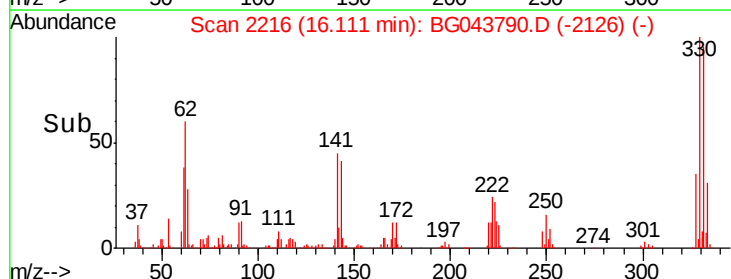
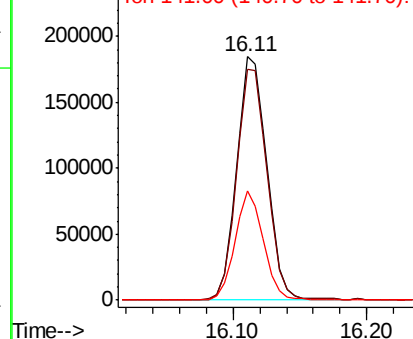


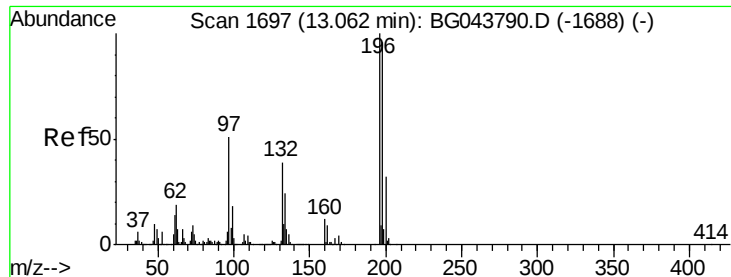
#42
2,4,6-Tribromophenol
Concen: 61.577 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:330 Resp: 289499
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 42.3 33.8 50.8



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

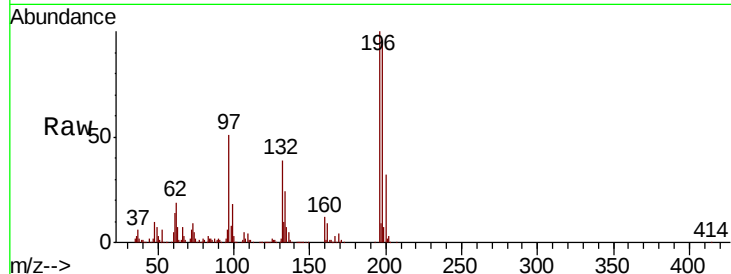




#43
 2,4,6-Trichlorophenol
 Concen: 36.520 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	291314
Ion Ratio	Lower	Upper	
196	100		
198	96.3	77.0	115.6
200	32.1	25.7	38.5

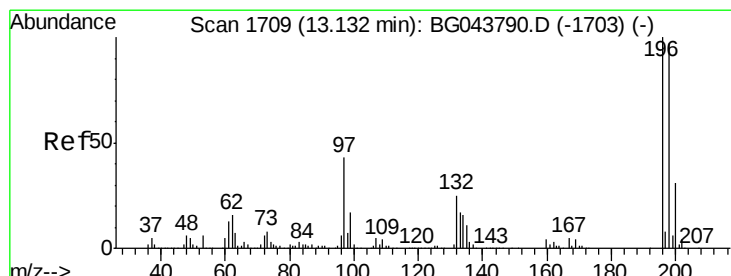
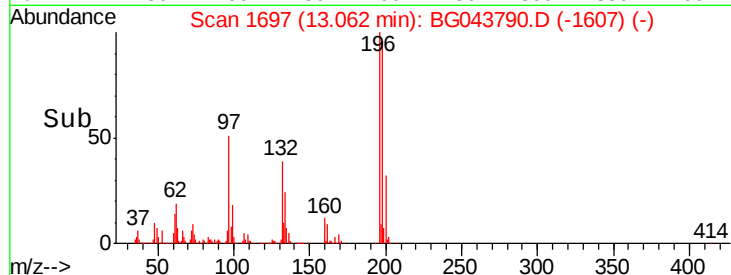
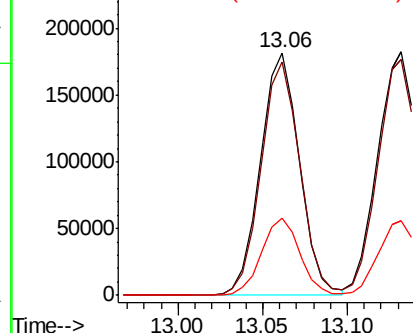


Abundance

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: 37.019 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	196	Resp	307208
Ion Ratio	Lower	Upper	
196	100		
198	96.7	77.4	116.0
97	43.4	34.7	52.1
132	25.0	20.0	30.0

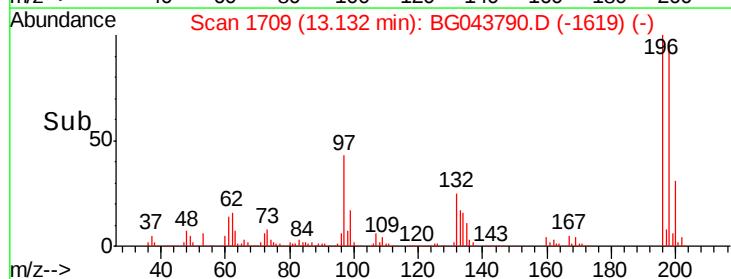
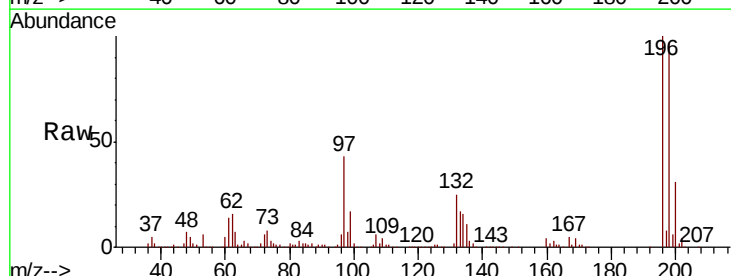
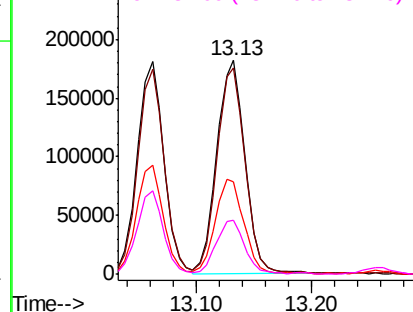
Abundance

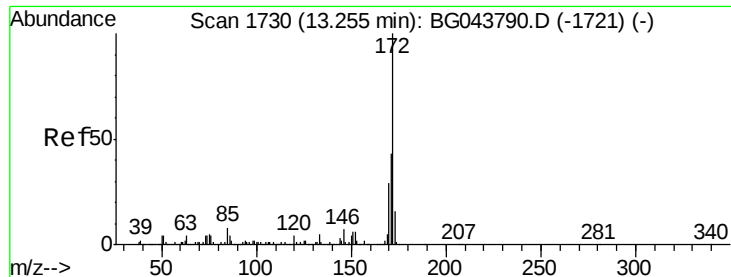
Ion 196.00 (195.70 to 196.70): E

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



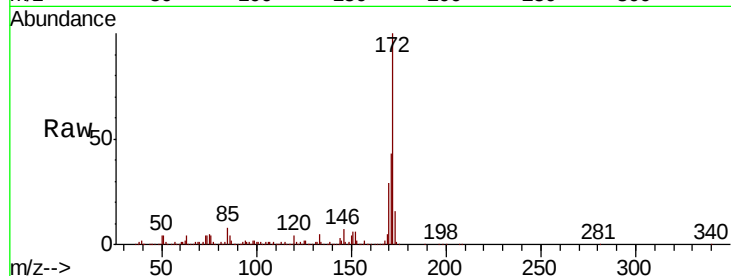


#45
 2-Fluorobiphenyl
 Concen: 75.285 ng
 RT: 13.26 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

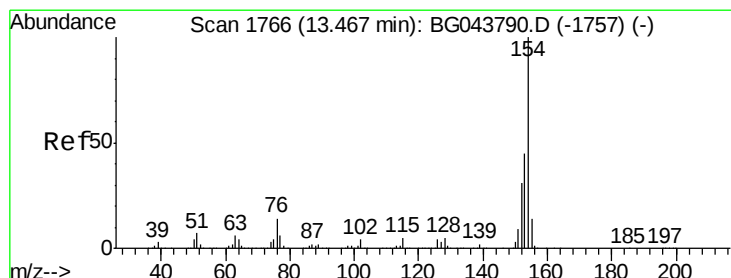
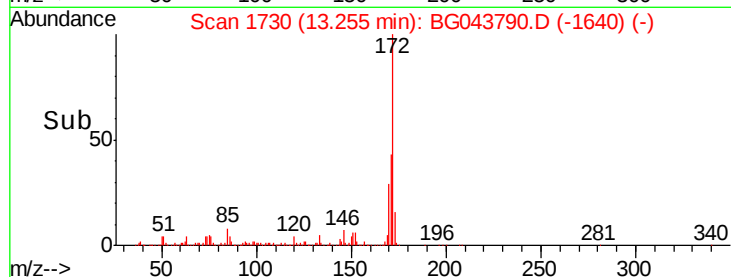
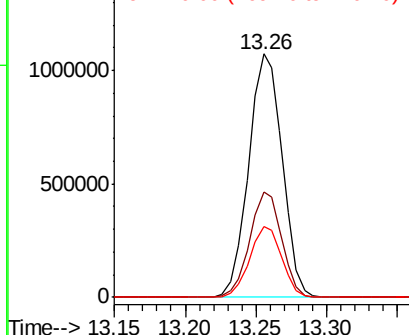
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1785230

Ion	Ratio	Lower	Upper
172	100		
171	43.2	34.6	51.8
170	29.1	23.3	34.9



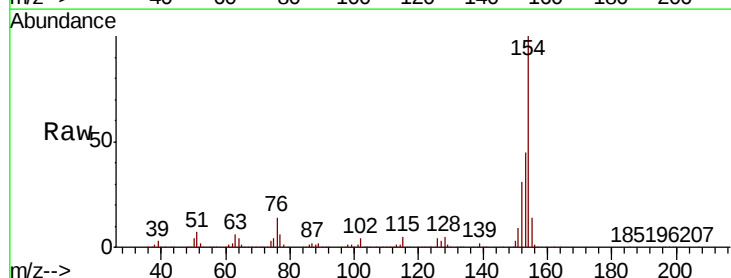
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



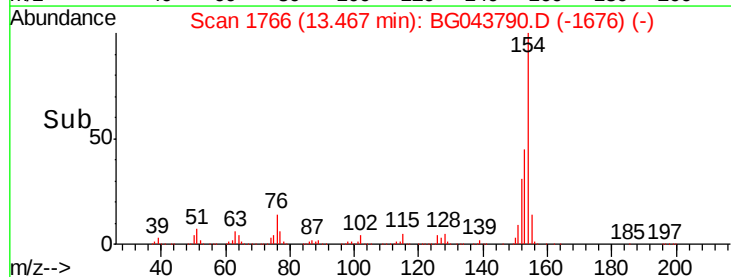
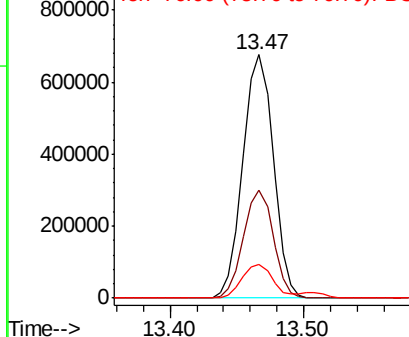
#46
 1,1'-Biphenyl
 Concen: 39.419 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

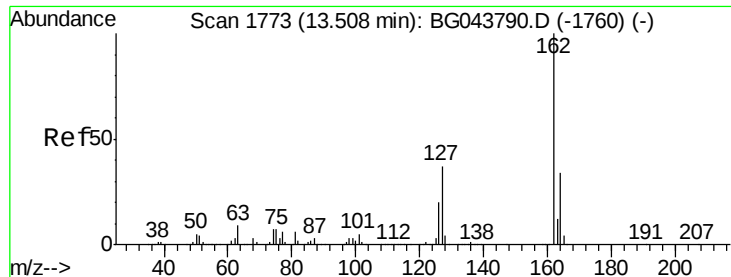
Tgt Ion:154 Resp: 1065050

Ion	Ratio	Lower	Upper
154	100		
153	44.5	24.5	64.5
76	13.9	0.0	33.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

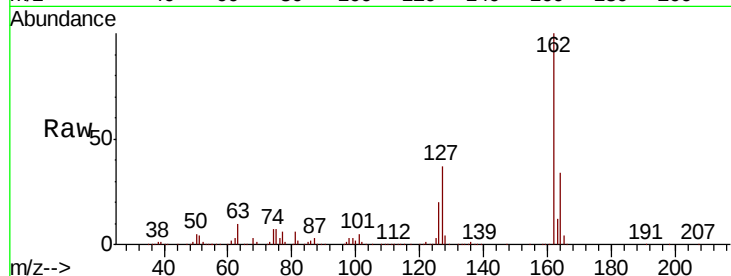




#47
2-Chloronaphthalene
Concen: 39.161 ng
RT: 13.51 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	34.5	27.6	41.4

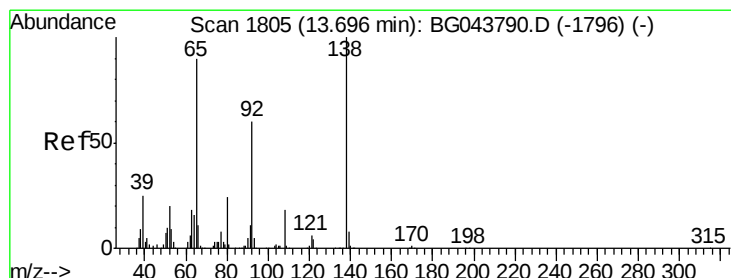
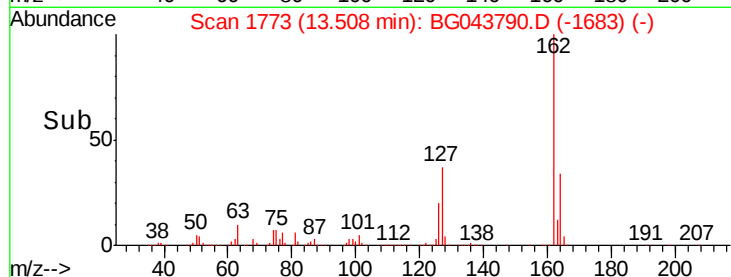
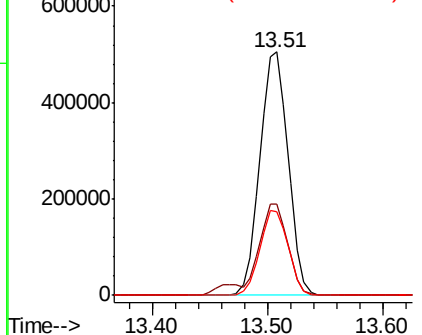


Abundance

Ion 162.00 (161.70 to 162.70): E

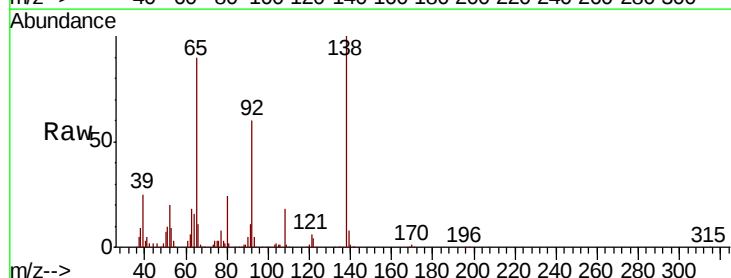
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.327 ng
RT: 13.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.7	80.5
138	111.0	88.8	133.2

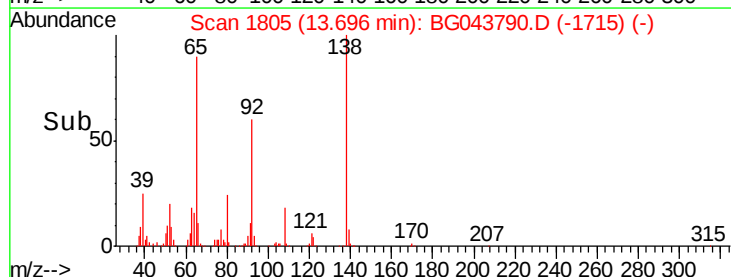
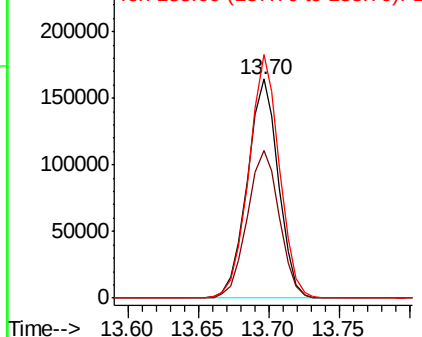


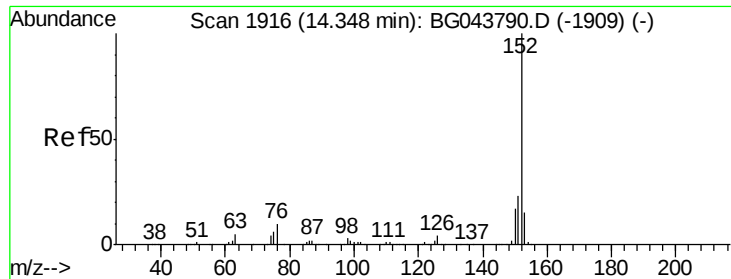
Abundance

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: 37.694 ng

RT: 14.35 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

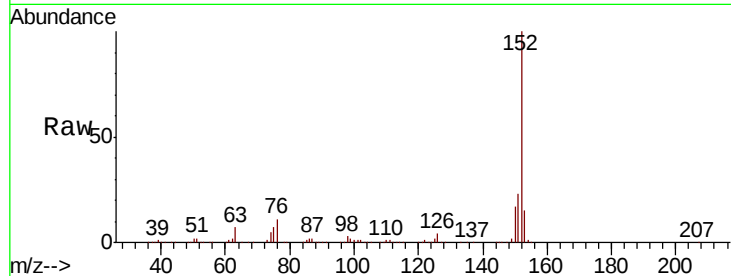
Tot Ion:152 Resp: 1306724

Ion Ratio Lower Upper

152 100

151 23.1 18.5 27.7

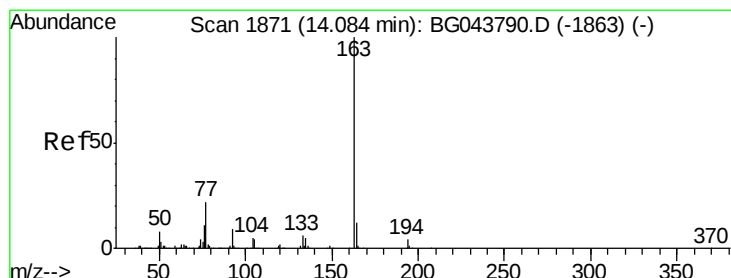
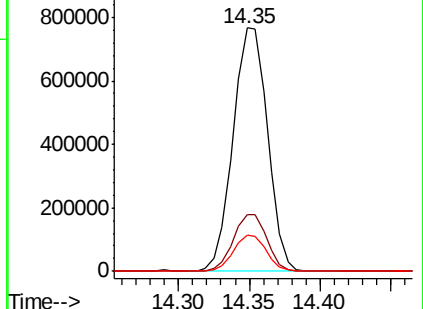
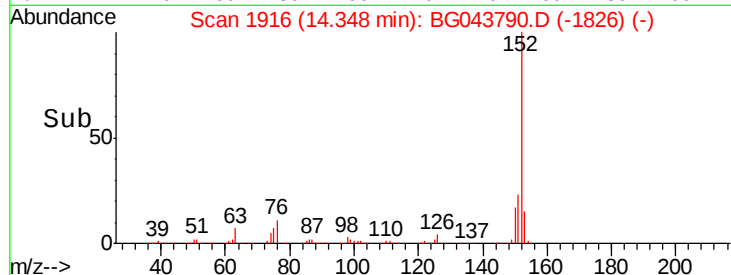
153 14.8 11.8 17.8



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: 35.838 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

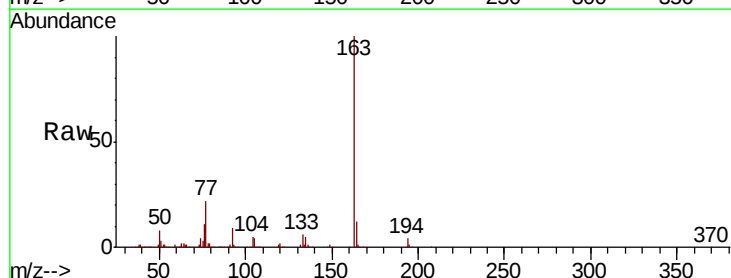
Tgt Ion:163 Resp: 1106584

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

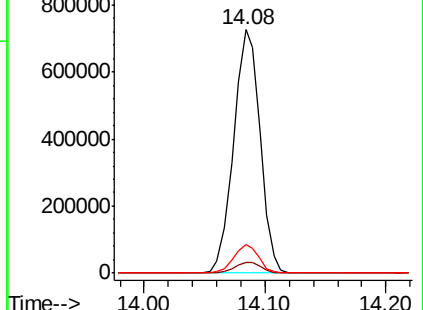
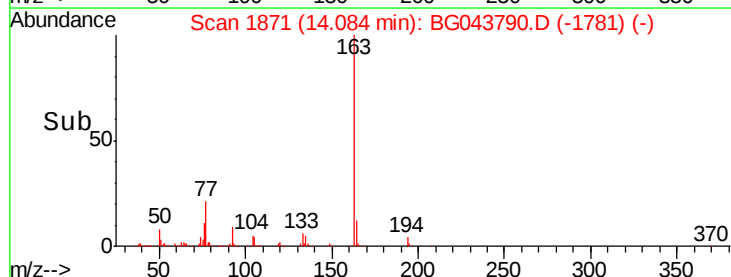
164 11.7 9.4 14.0

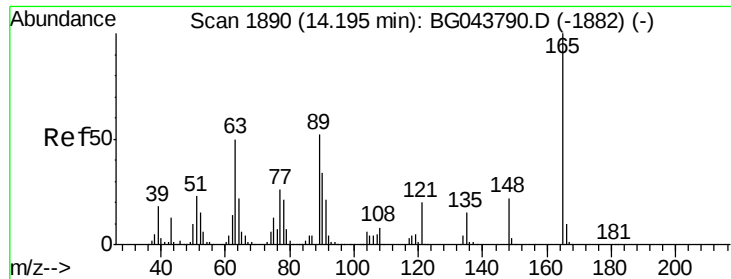


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

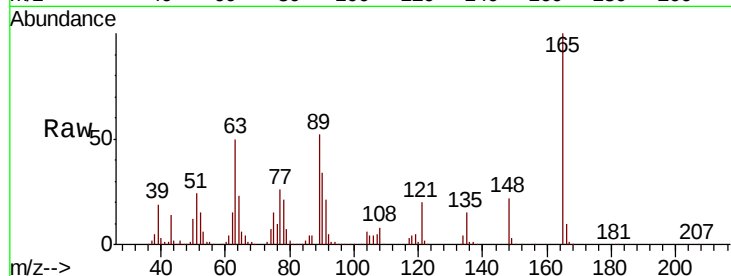




#51
 2,6-Dinitrotoluene
 Concen: 40.842 ng
 RT: 14.20 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	40.3	60.5
89	52.3	41.8	62.8

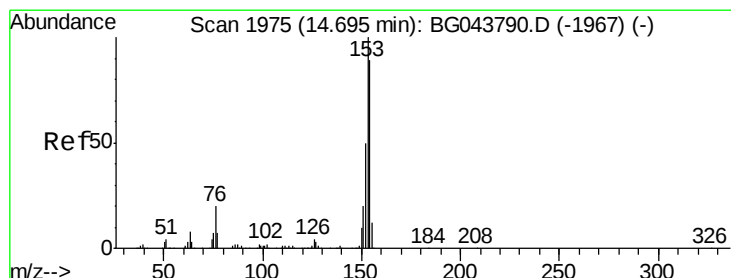
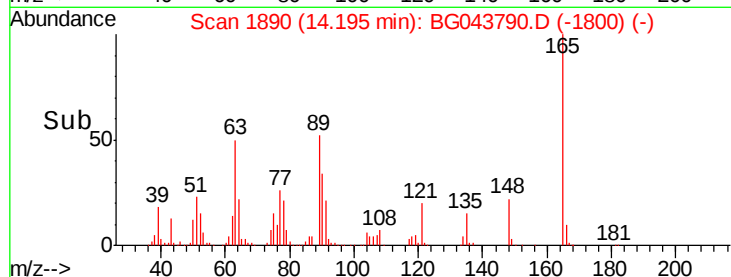
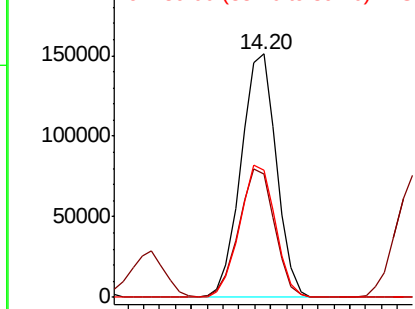


Abundance

Ion 165.00 (164.70 to 165.70): E

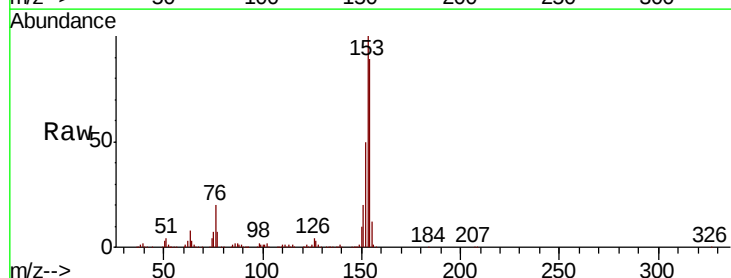
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 37.949 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	56.2	45.0	67.4

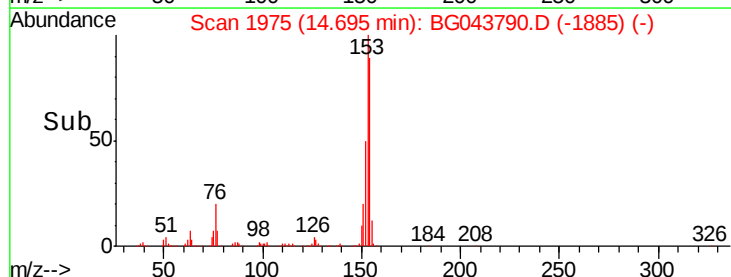
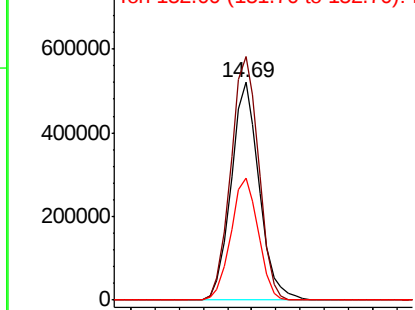


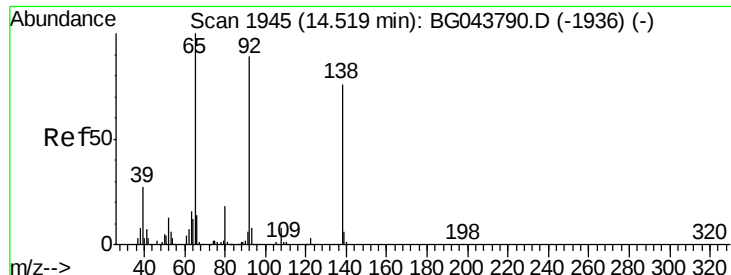
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

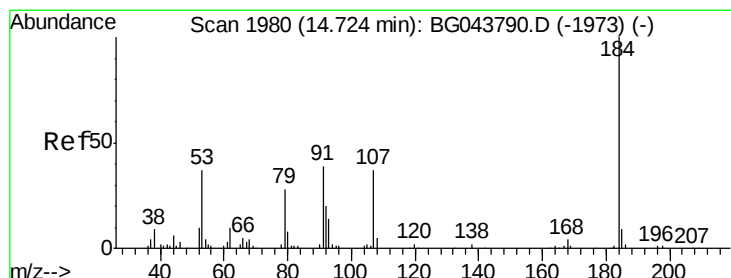
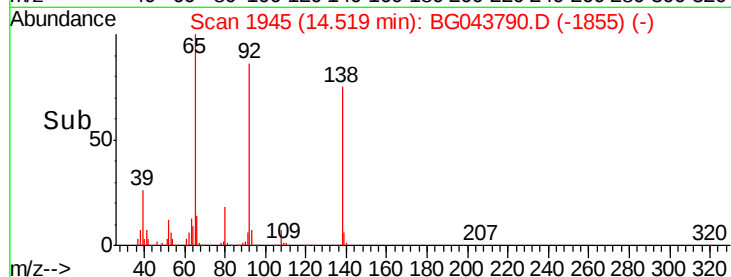
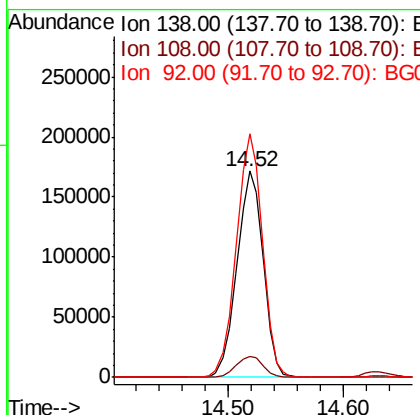
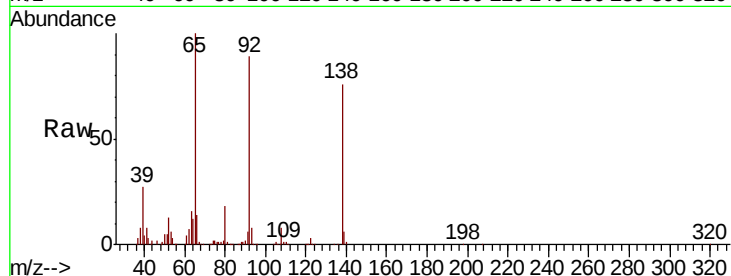




#53
3-Nitroaniline
Concen: 40.239 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

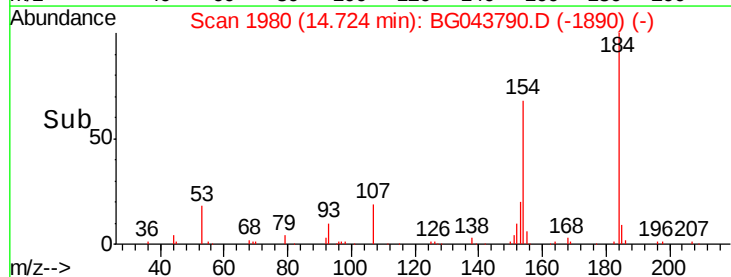
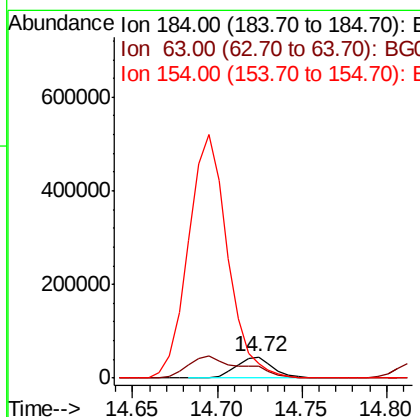
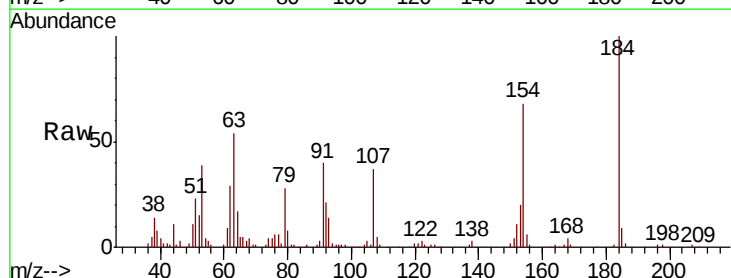
Instrument :
BNA_G
ClientSampled :

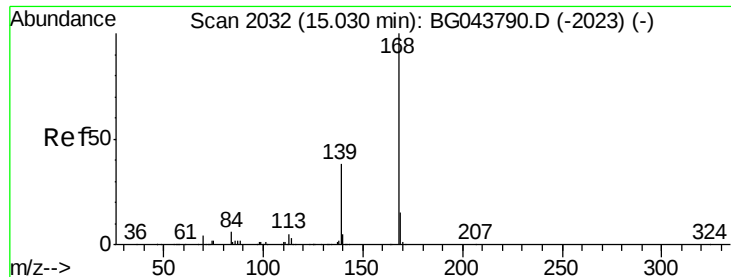
Tot Ion:138 Resp: 269511
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 118.2 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 29.476 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:184 Resp: 69055
Ion Ratio Lower Upper
184 100
63 54.2 43.4 65.0
154 68.5 54.8 82.2

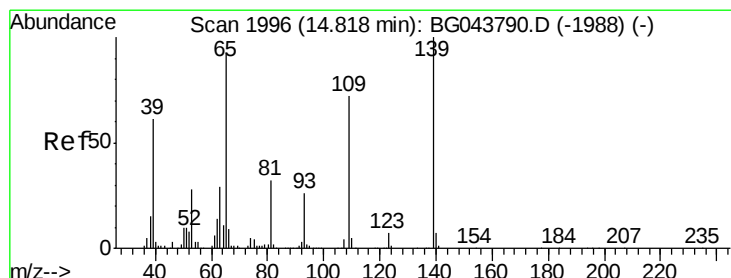
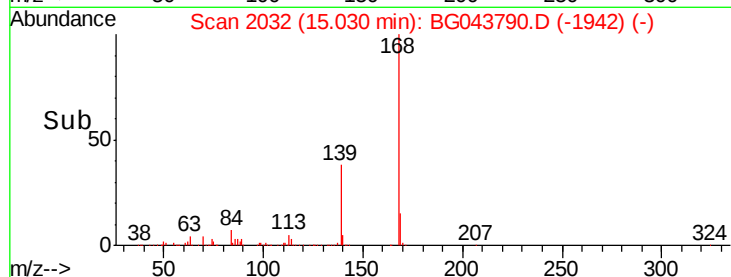
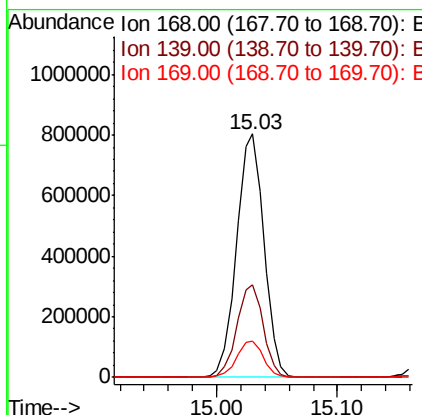
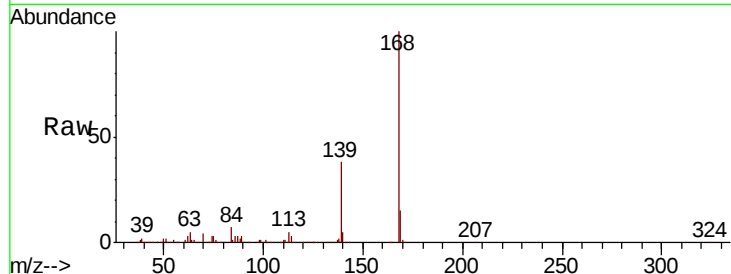




#55
Dibenzenofuran
Concen: 36.714 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

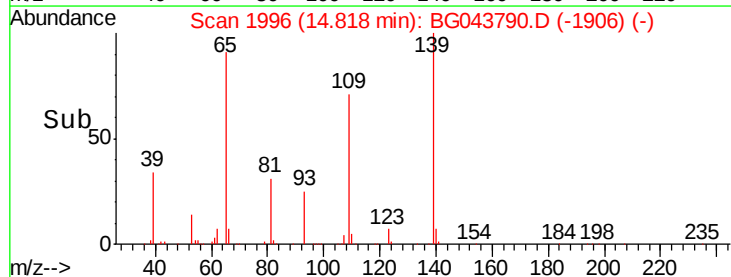
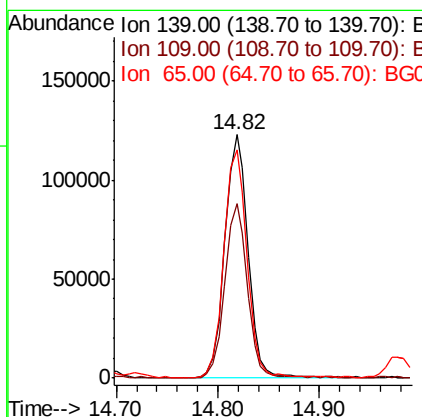
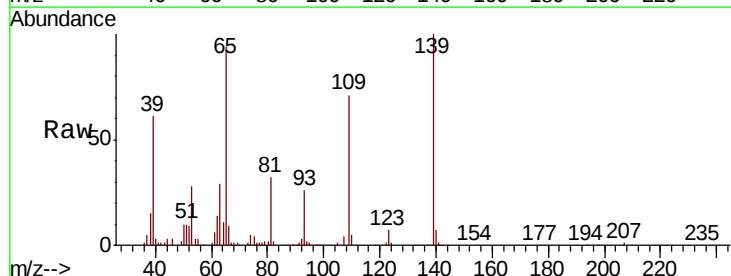
Instrument :
BNA_G
ClientSampleId :

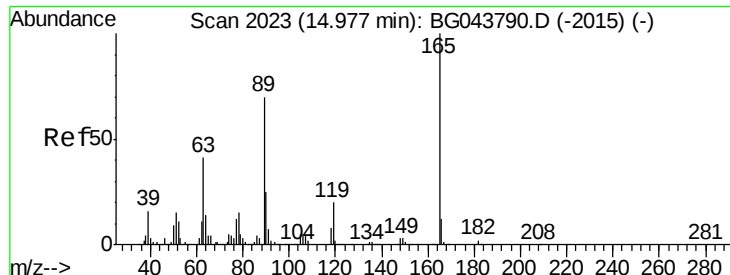
Tot Ion:168 Resp: 1267982
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 15.0 12.0 18.0



#56
4-Nitrophenol
Concen: 34.628 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:139 Resp: 195356
Ion Ratio Lower Upper
139 100
109 71.5 51.5 91.5
65 93.7 73.7 113.7

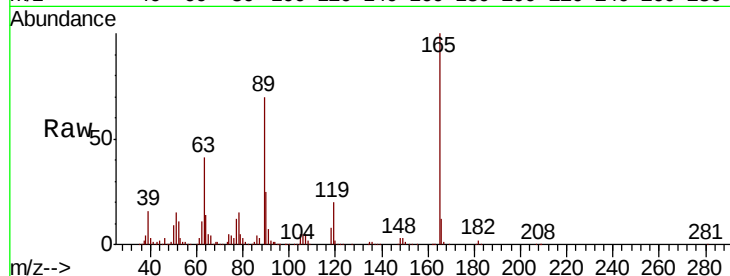




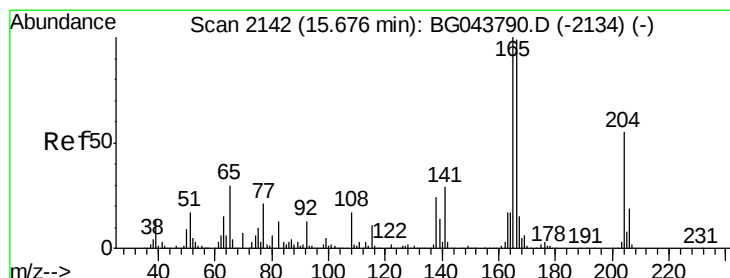
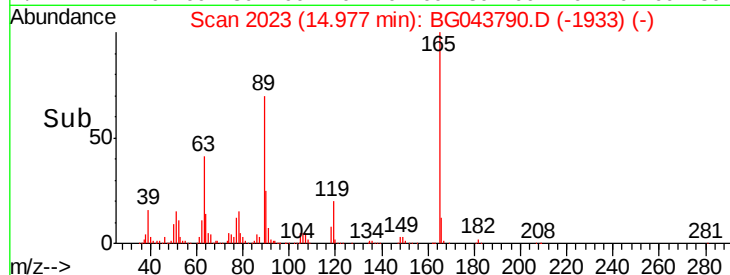
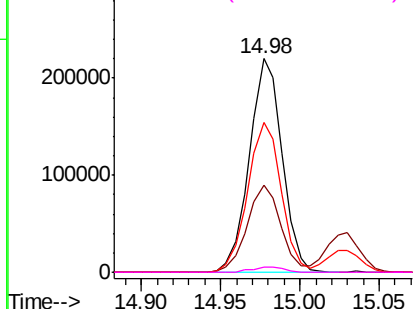
#57
2,4-Dinitrotoluene
Concen: 39.731 ng
RT: 14.98 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 315953
Ion Ratio Lower Upper
165 100
63 40.9 32.7 49.1
89 70.1 56.1 84.1
182 2.5 2.0 3.0

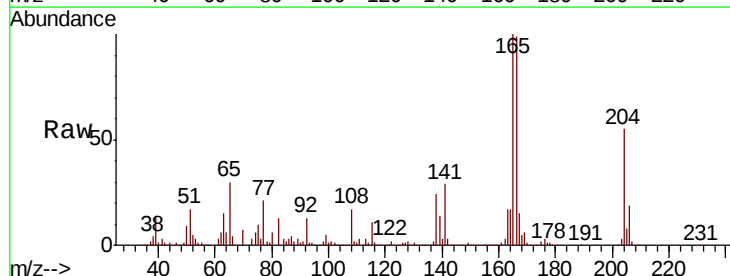


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

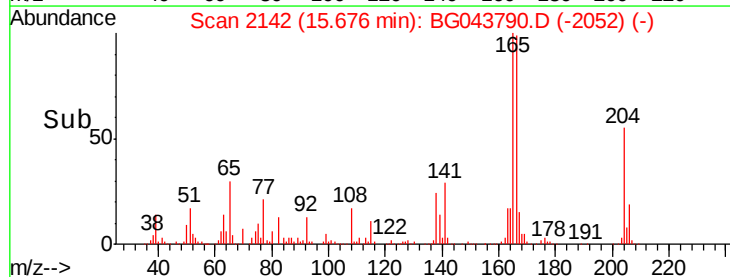
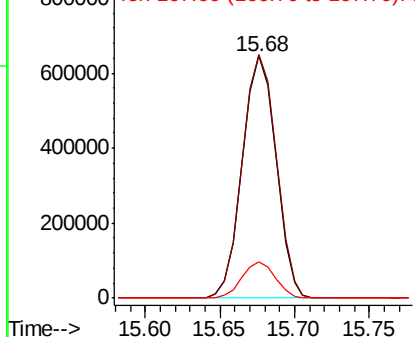


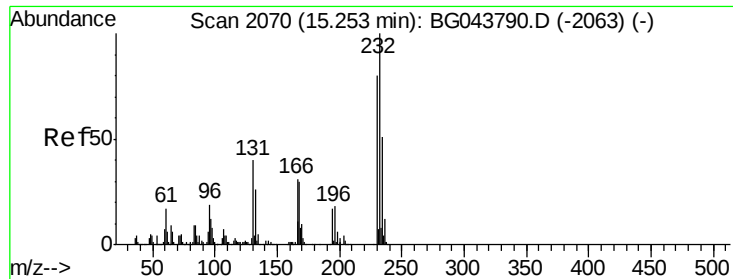
#58
Fluorene
Concen: 35.694 ng
RT: 15.68 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:166 Resp: 1010963
Ion Ratio Lower Upper
166 100
165 100.6 80.5 120.7
167 15.1 12.1 18.1



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: 32.005 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.08 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 266764

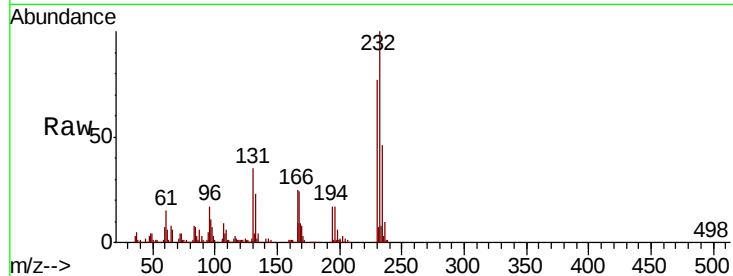
Ion Ratio Lower Upper

232 100

131 36.1 27.9 41.9

130 2.3 1.8 2.8

166 25.1 19.4 29.2

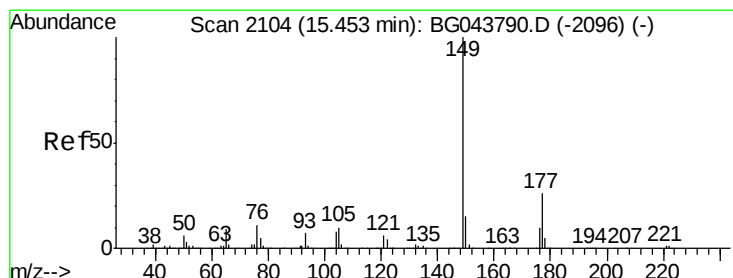
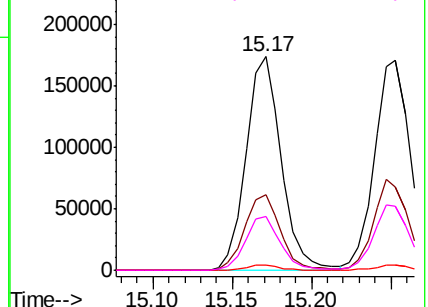
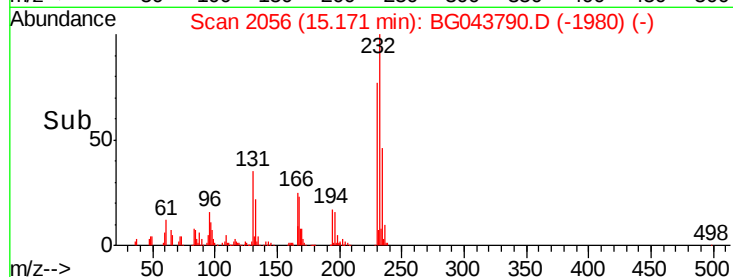


Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.776 ng

RT: 15.45 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

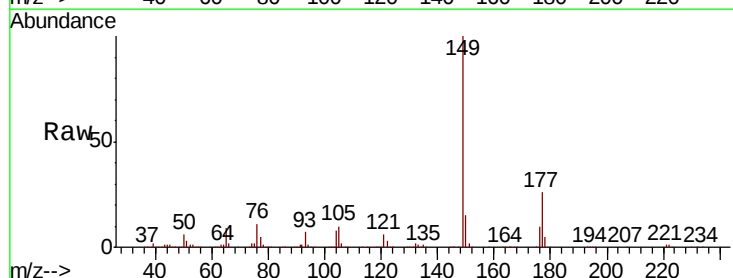
Tgt Ion:149 Resp: 1095024

Ion Ratio Lower Upper

149 100

177 25.5 20.4 30.6

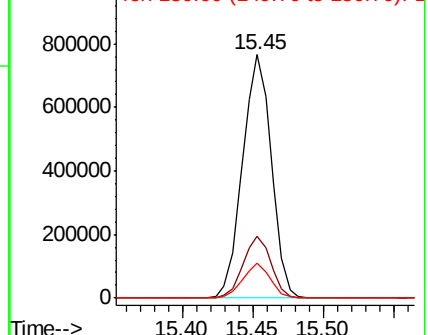
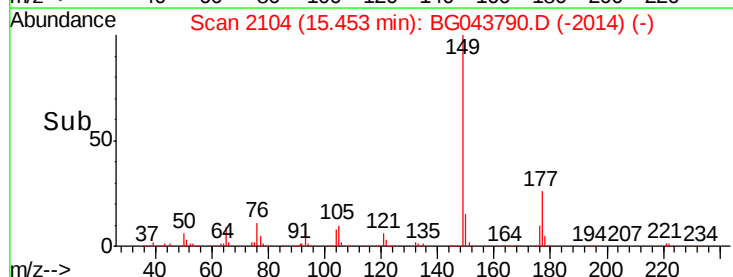
150 14.5 11.6 17.4

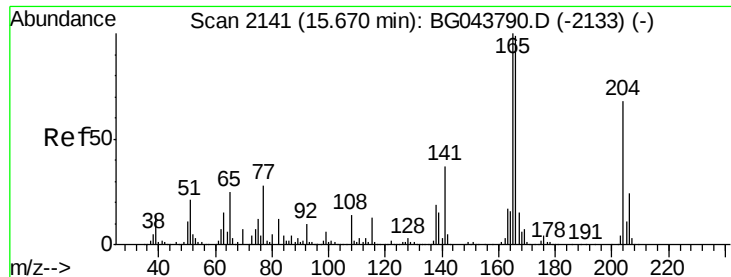


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

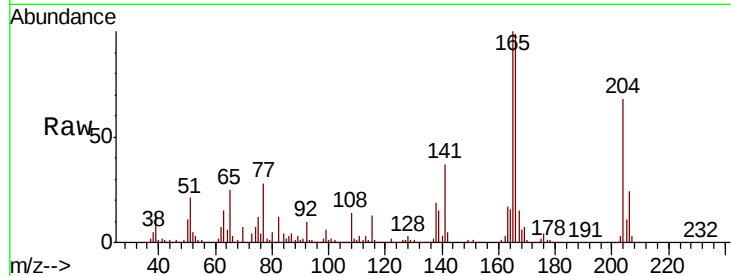




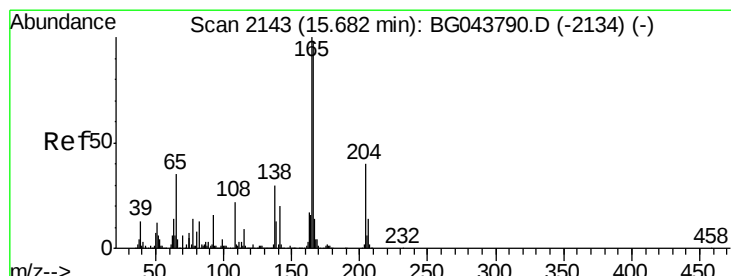
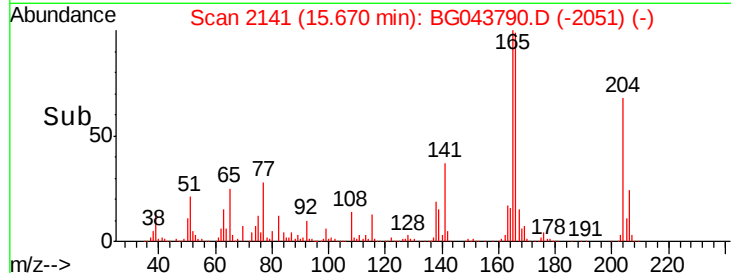
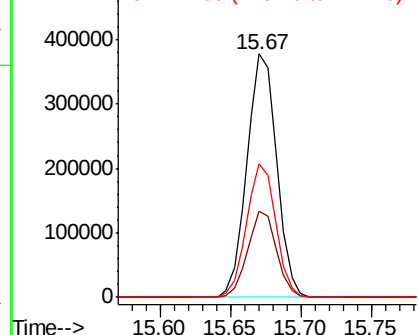
#61
 4-Chlorophenyl-phenylether
 Concen: 35.738 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	28.1	42.1
141	55.1	44.1	66.1

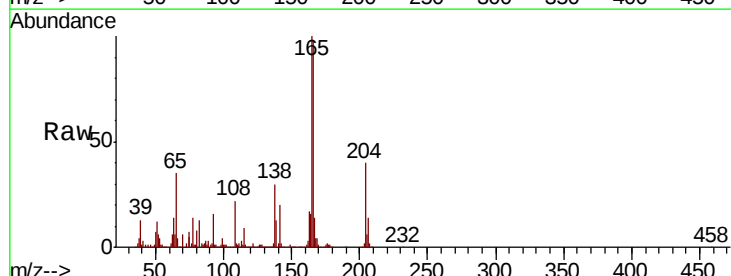


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

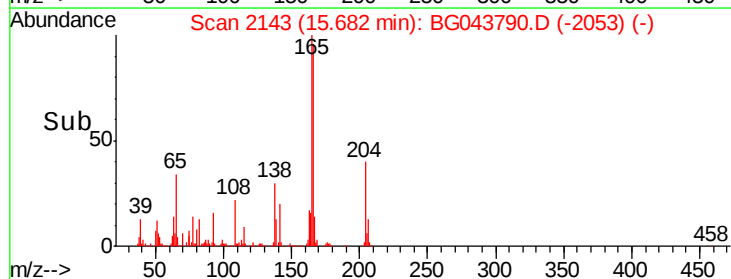
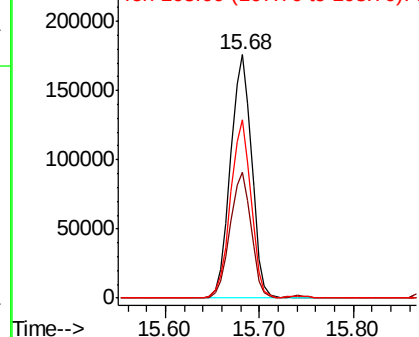


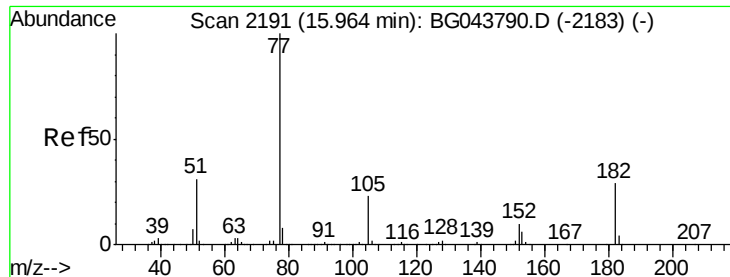
#62
 4-Nitroaniline
 Concen: 35.974 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.5	71.5
108	73.1	53.1	93.1



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





#63

Azobenzene

Concen: 34.645 ng

RT: 15.96 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1006877

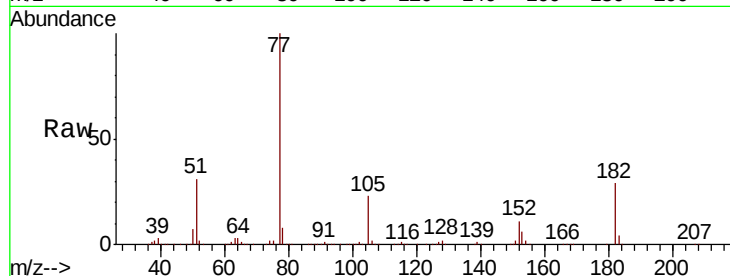
Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.0	49.0
105	22.9	2.9	42.9
51	30.6	10.6	50.6

77 100

182 29.0 9.0 49.0

105 22.9 2.9 42.9

51 30.6 10.6 50.6

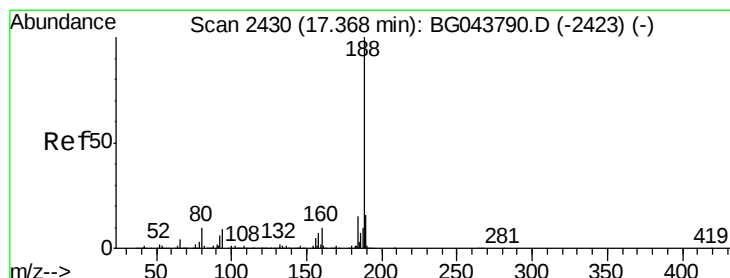
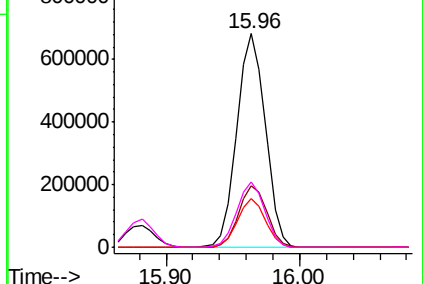
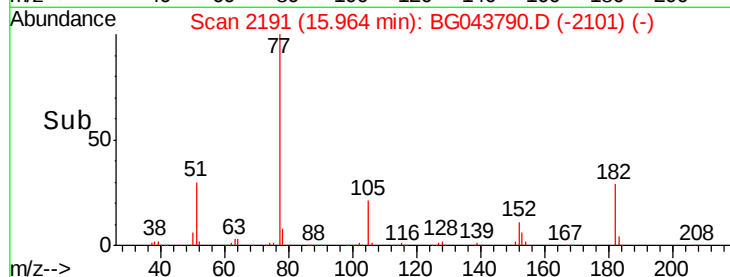


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

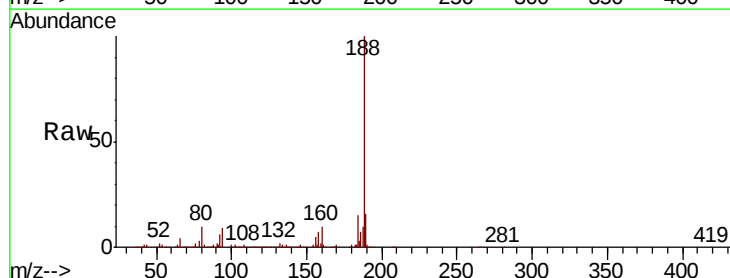
Tgt Ion: 188 Resp: 852670

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.9	10.3
80	9.8	7.8	11.8

188 100

94 8.6 6.9 10.3

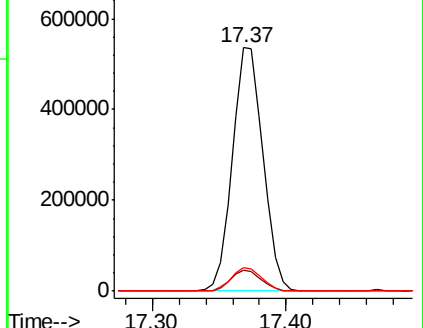
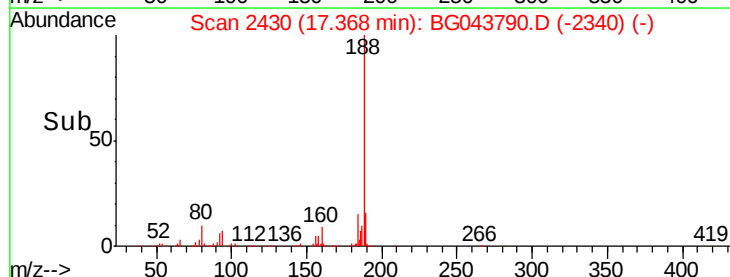
80 9.8 7.8 11.8

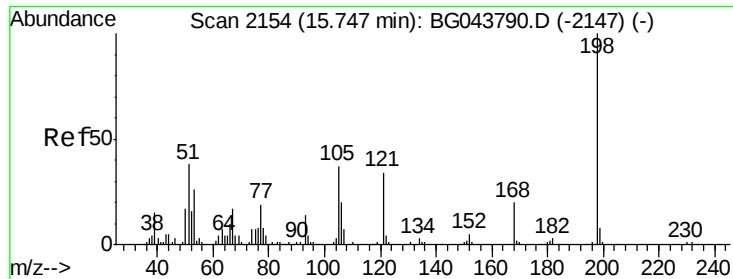


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.539 ng

RT: 15.75 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

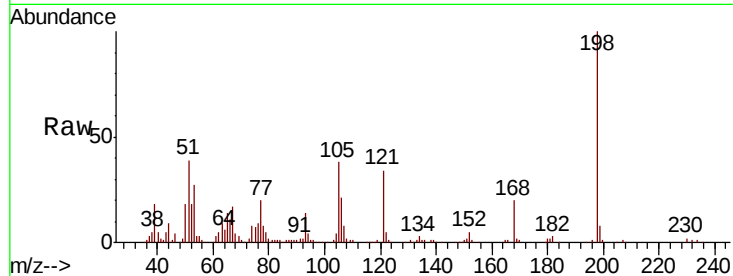
Tot Ion:198 Resp: 105722

Ion Ratio Lower Upper

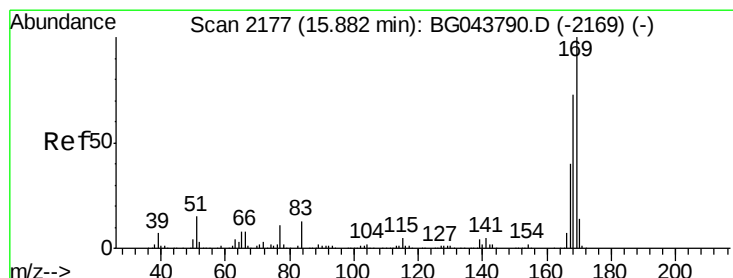
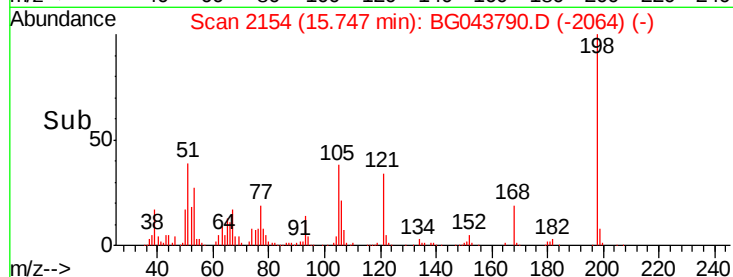
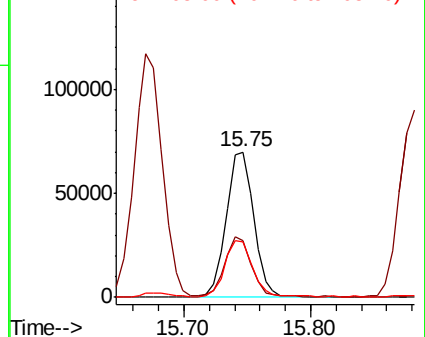
198 100

51 38.9 18.9 58.9

105 38.1 18.1 58.1



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



#66

n-Nitrosodiphenylamine

Concen: 41.057 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

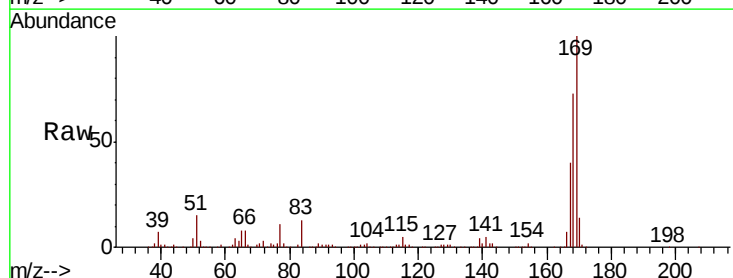
Tgt Ion:169 Resp: 926899

Ion Ratio Lower Upper

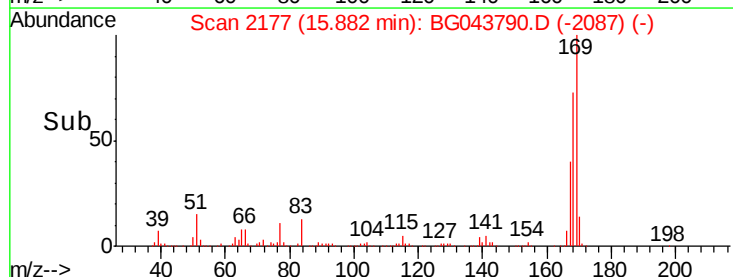
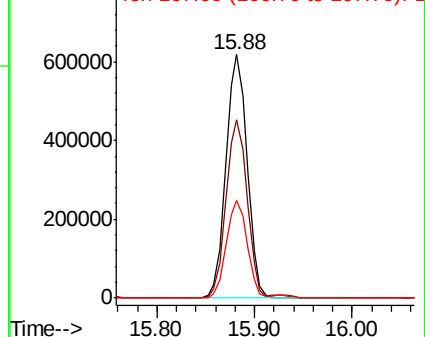
169 100

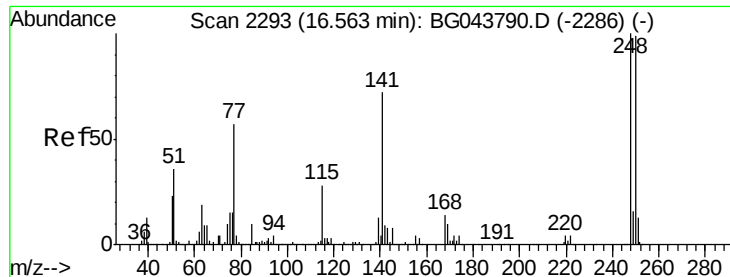
168 73.1 58.5 87.7

167 40.1 32.1 48.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

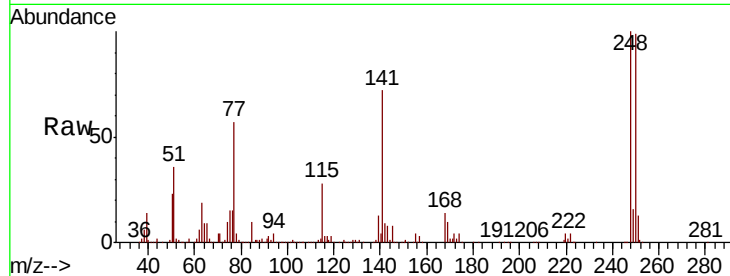




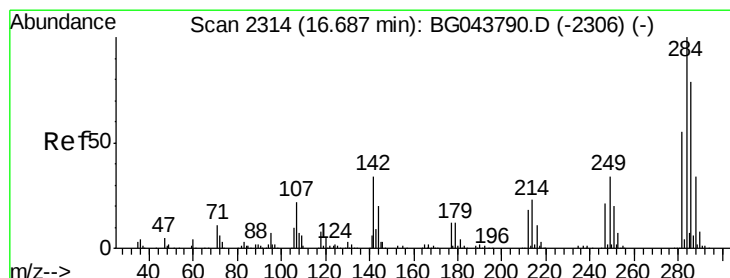
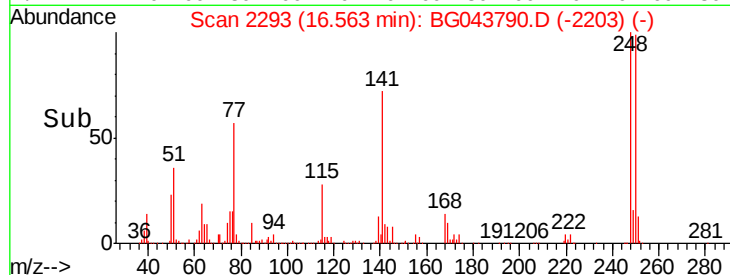
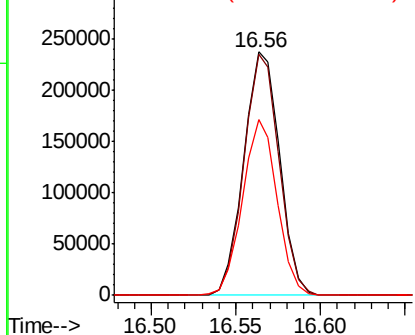
#67
4-Bromophenyl-phenylether
Concen: 39.113 ng
RT: 16.56 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 351697
Ion Ratio Lower Upper
248 100
250 98.8 79.0 118.6
141 72.2 57.8 86.6

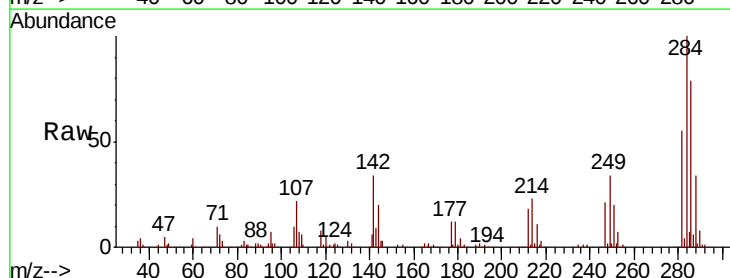


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

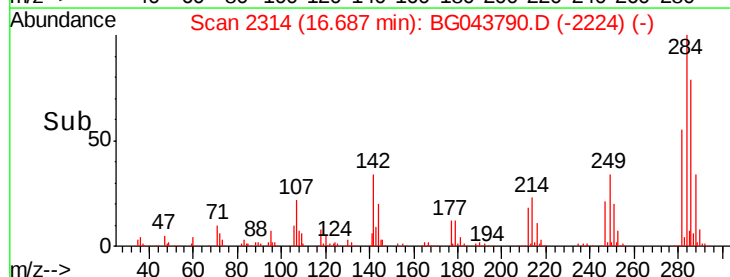
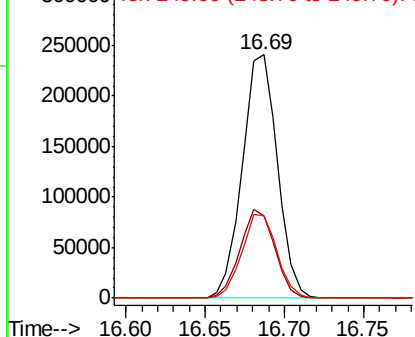


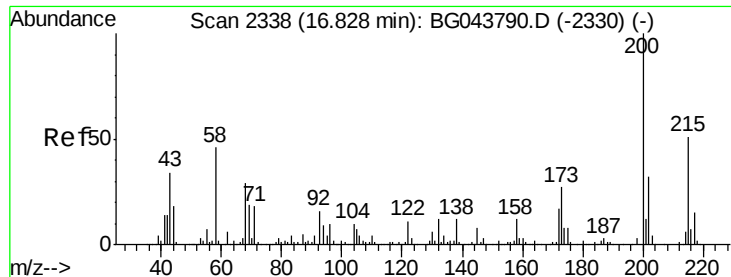
#68
Hexachlorobenzene
Concen: 37.619 ng
RT: 16.69 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:284 Resp: 369799
Ion Ratio Lower Upper
284 100
142 33.8 27.0 40.6
249 34.0 27.2 40.8



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

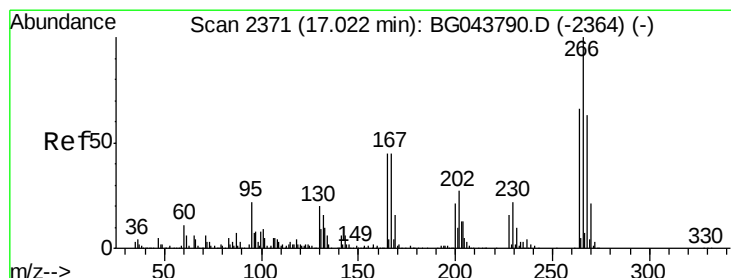
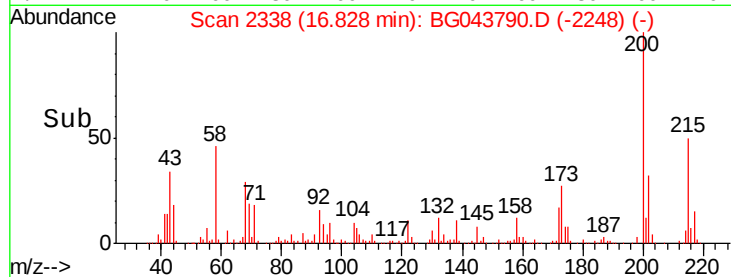
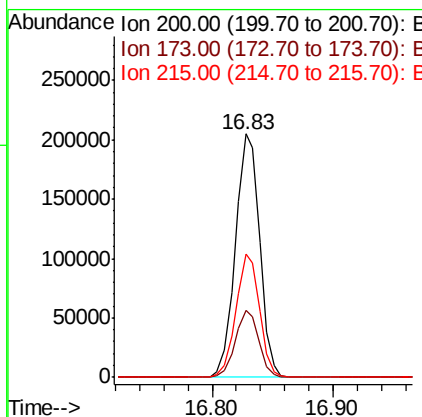
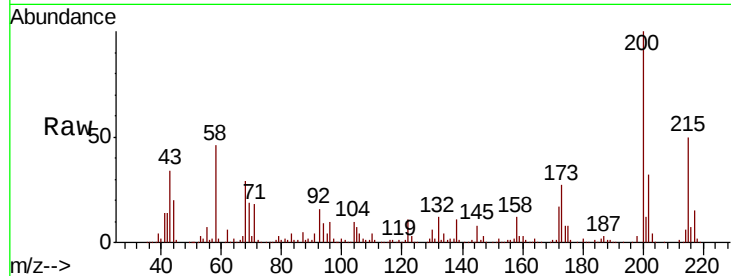




#69
 Atrazine
 Concen: 31.677 ng
 RT: 16.83 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

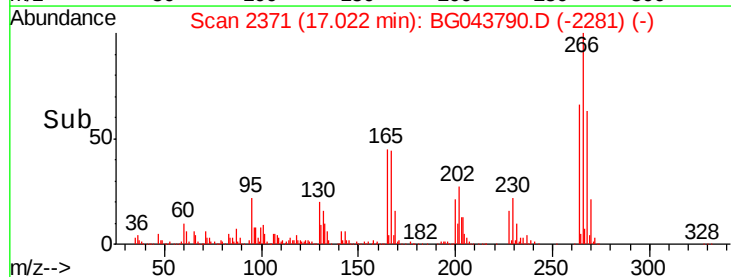
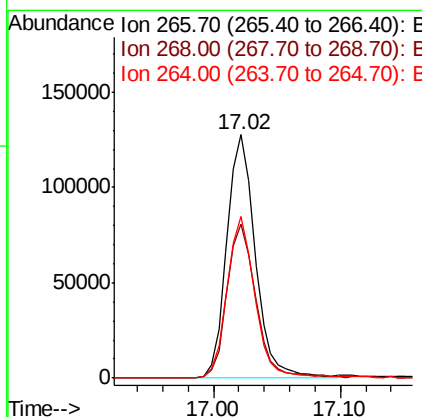
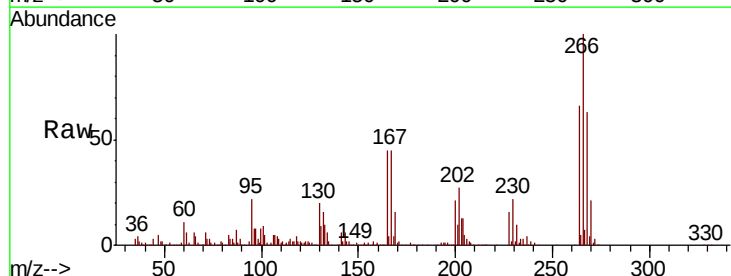
Instrument :
 BNA_G
 ClientSampleId :

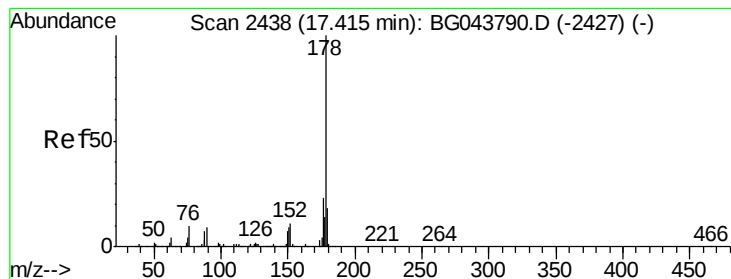
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	50.5	30.5	70.5



#70
 Pentachlorophenol
 Concen: 33.246 ng
 RT: 17.02 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.8	76.2
264	66.2	53.0	79.4





#71

Phenanthrene

Concen: 37.919 ng

RT: 17.42 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampled :

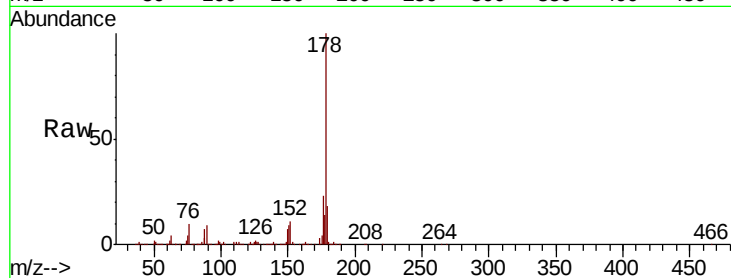
Tot Ion:178 Resp: 1599843

Ion Ratio Lower Upper

178 100

176 23.2 18.6 27.8

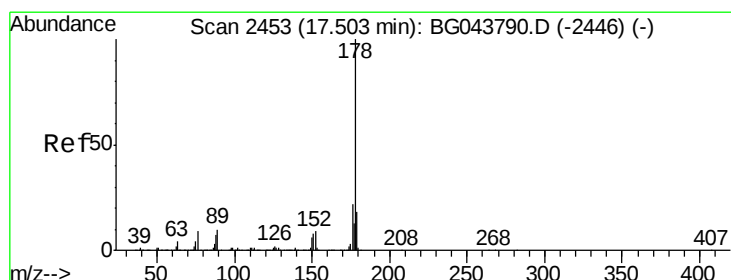
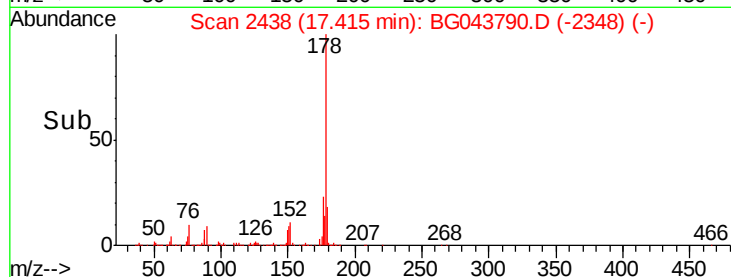
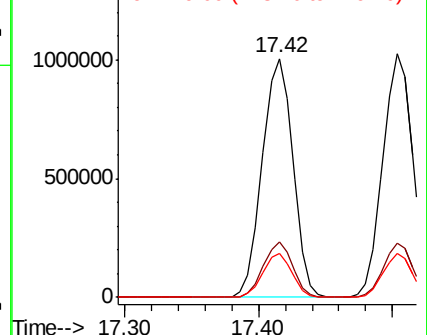
179 18.4 14.7 22.1



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: 37.439 ng

RT: 17.50 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

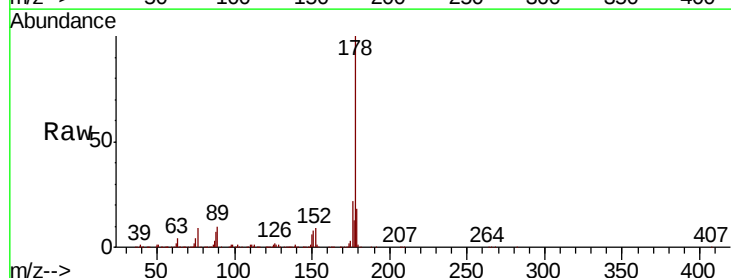
Tgt Ion:178 Resp: 1595652

Ion Ratio Lower Upper

178 100

176 22.1 17.7 26.5

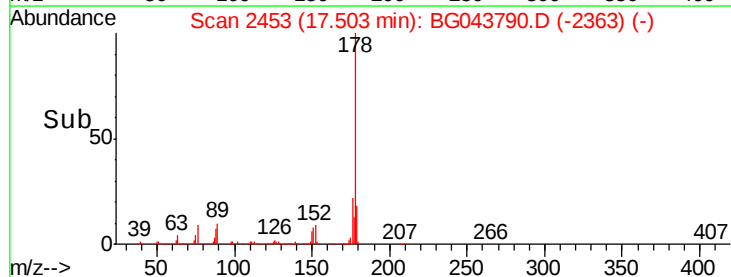
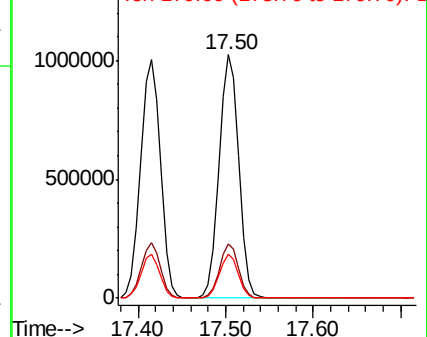
179 18.1 14.5 21.7

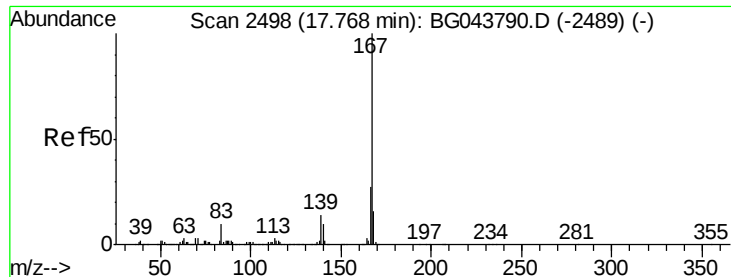


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

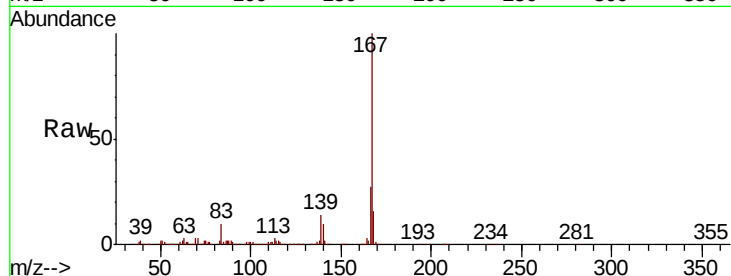




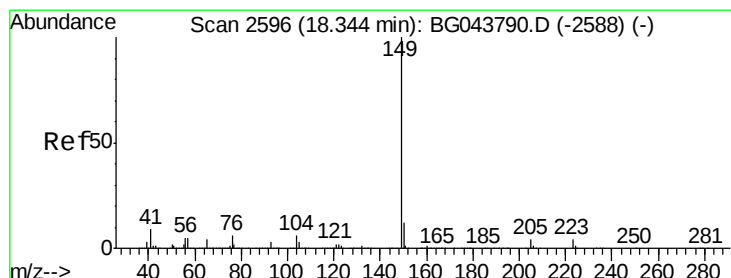
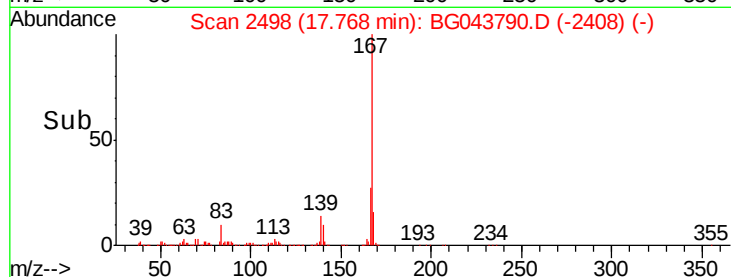
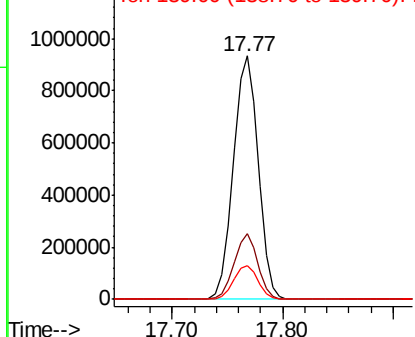
#73
 Carbazole
 Concen: 34.965 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1476383
 Ion Ratio Lower Upper
 167 100
 166 26.8 21.4 32.2
 139 13.7 11.0 16.4

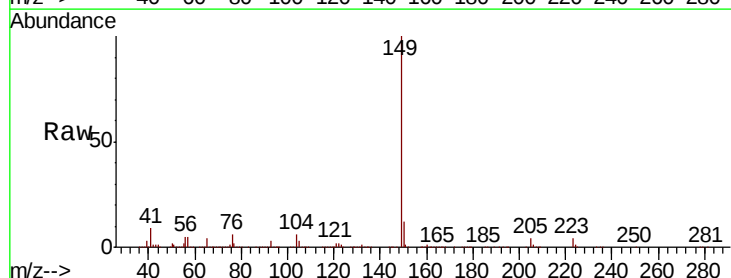


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

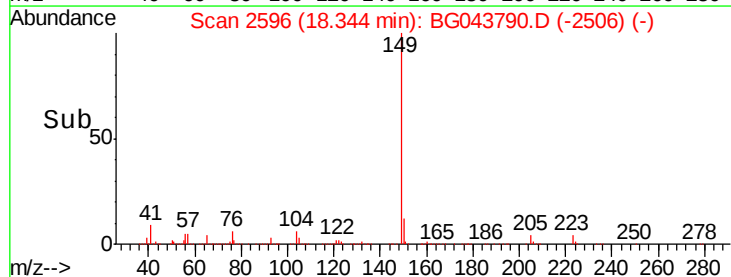
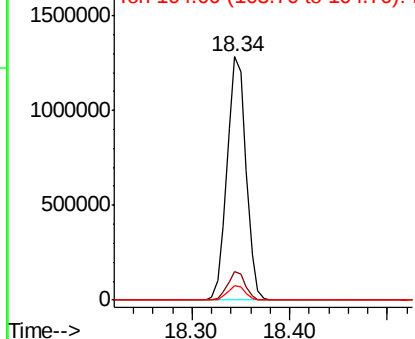


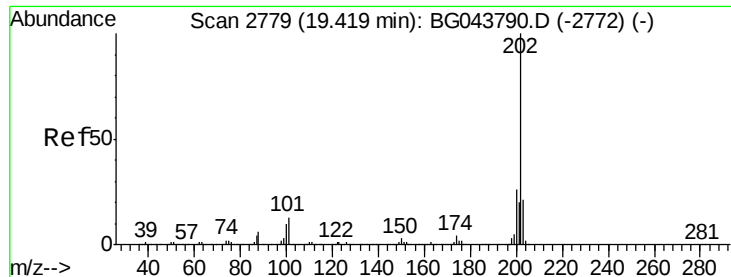
#74
 Di-n-butylphthalate
 Concen: 31.975 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion:149 Resp: 1728072
 Ion Ratio Lower Upper
 149 100
 150 11.7 9.4 14.0
 104 6.0 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 30.518 ng

RT: 19.42 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

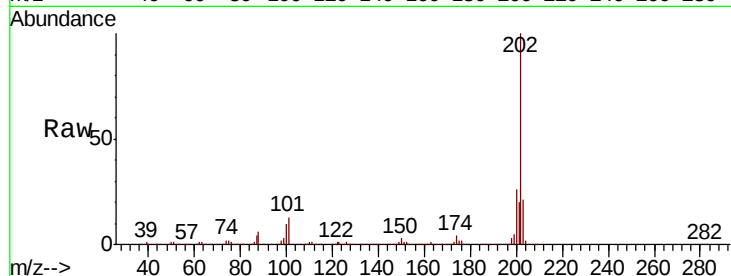
Tot Ion:202 Resp: 1846951

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.7

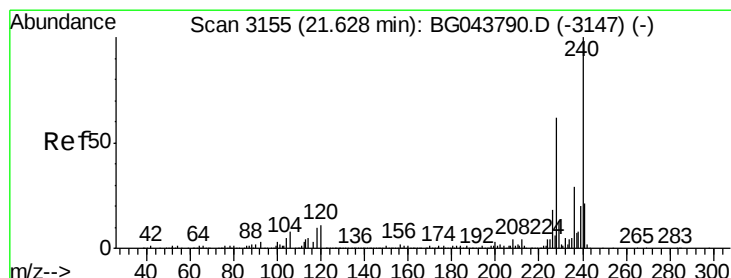
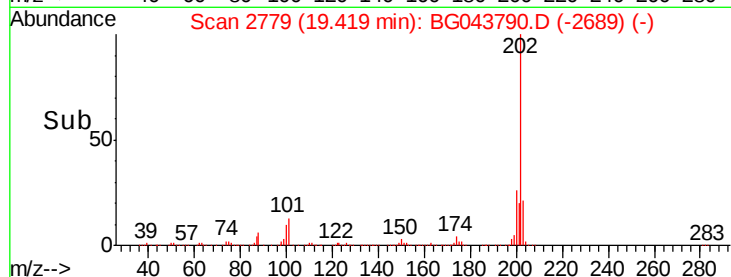
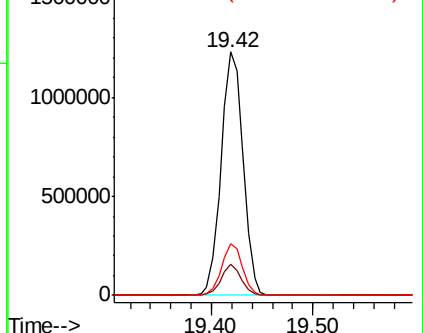
203 21.0 1.0 41.0



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: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

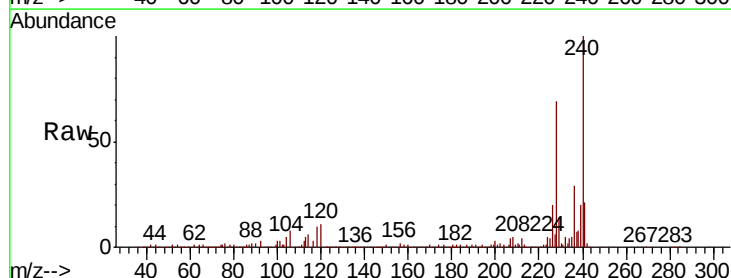
Tgt Ion:240 Resp: 704578

Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

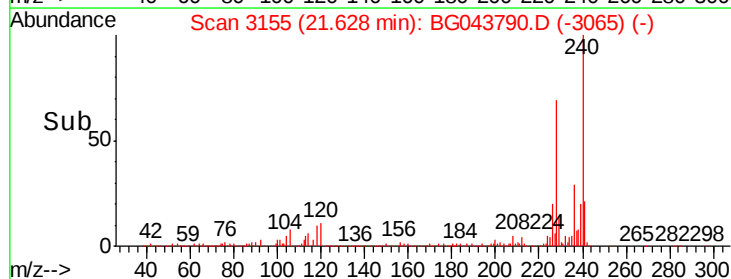
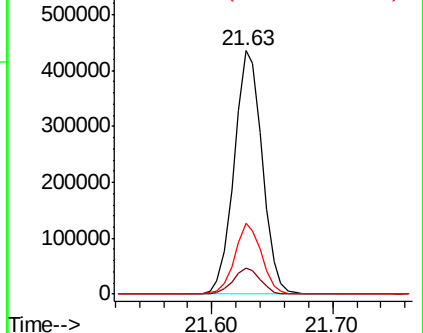
236 28.9 23.1 34.7

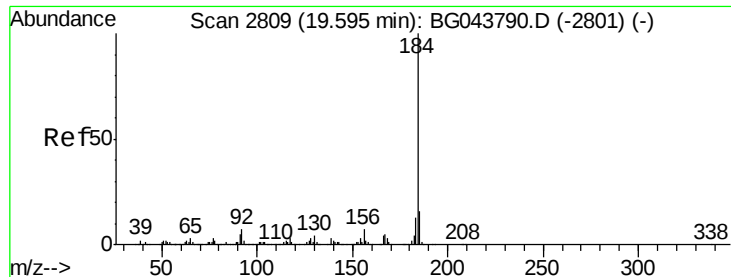


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

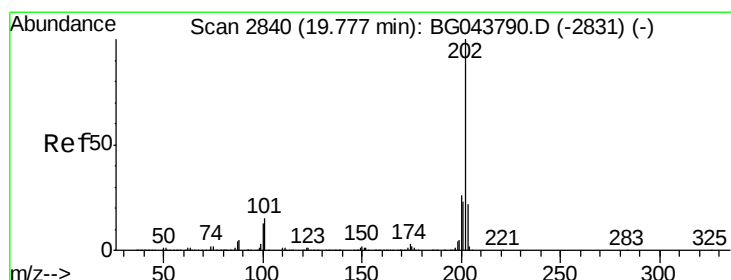
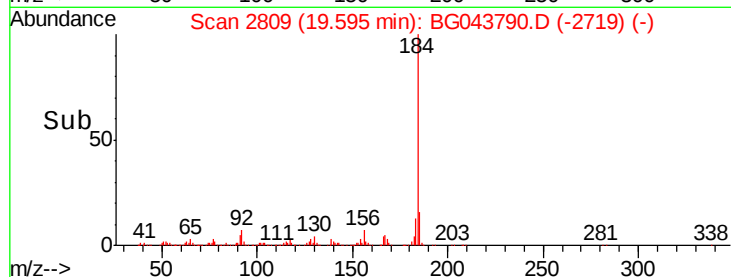
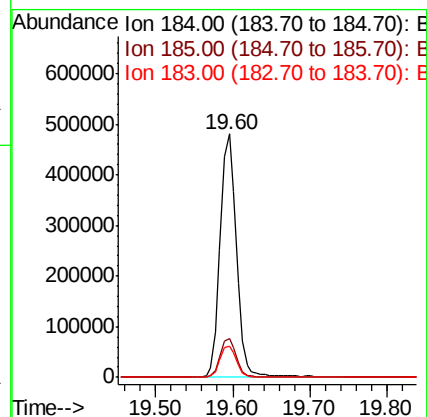
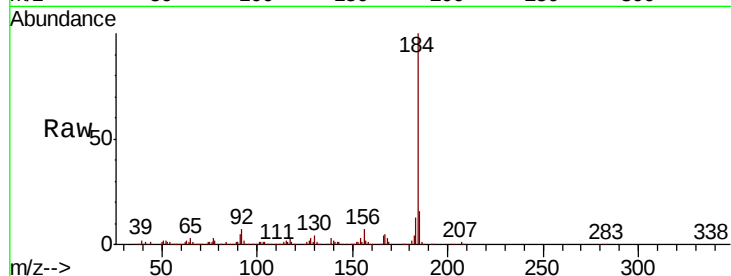




#77
Benzidine
Concen: 34.216 ng
RT: 19.60 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

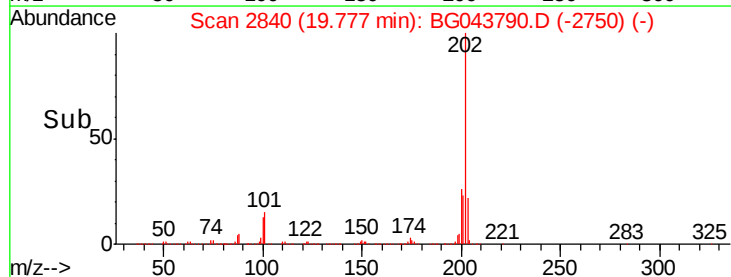
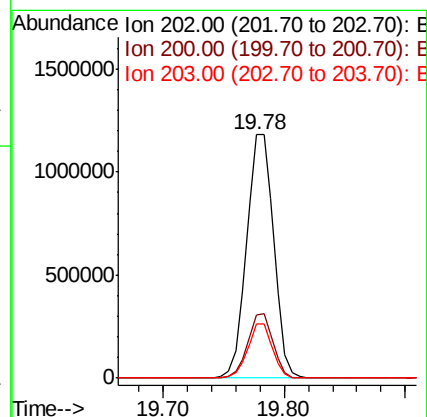
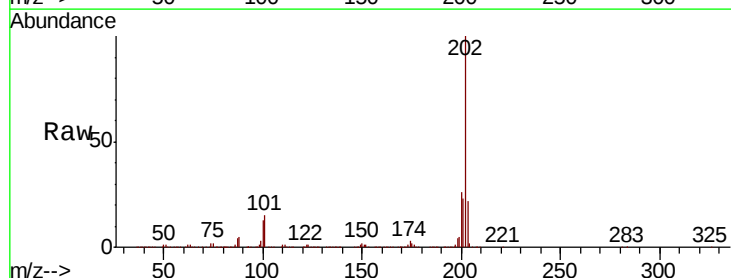
Instrument :
BNA_G
ClientSampleId :

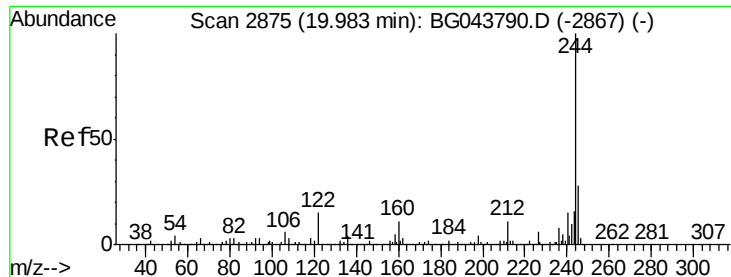
Tot Ion:184 Resp: 704226
Ion Ratio Lower Upper
184 100
185 16.1 12.9 19.3
183 12.9 10.3 15.5



#78
Pyrene
Concen: 40.674 ng
RT: 19.78 min Scan# 2840
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:202 Resp: 1849552
Ion Ratio Lower Upper
202 100
200 26.0 20.8 31.2
203 22.1 17.7 26.5





#79

Terphenyl-d14

Concen: 77.495 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

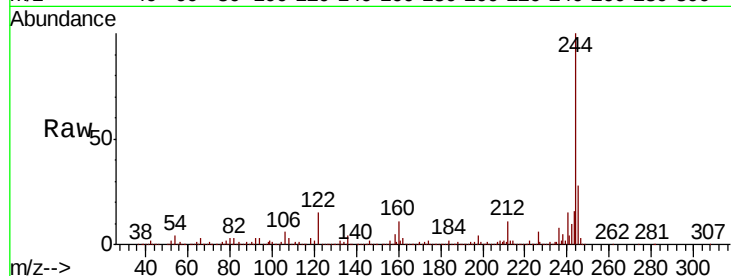
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2416379

Ion	Ratio	Lower	Upper
244	100		
212	11.4	9.1	13.7
122	14.5	11.6	17.4

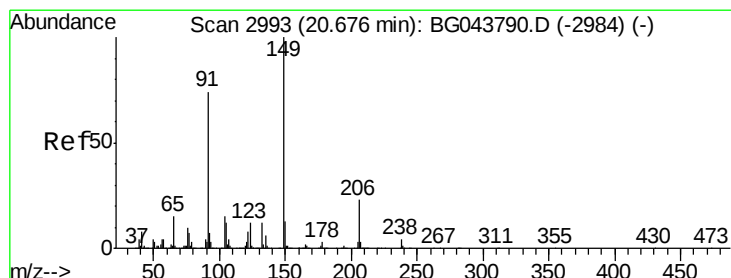
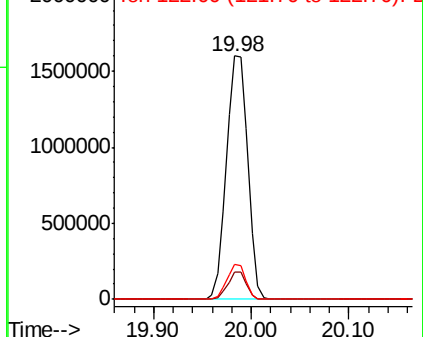
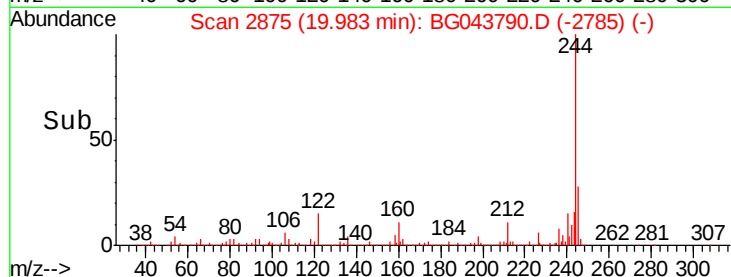


Abundance

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: 37.125 ng

RT: 20.68 min Scan# 2993

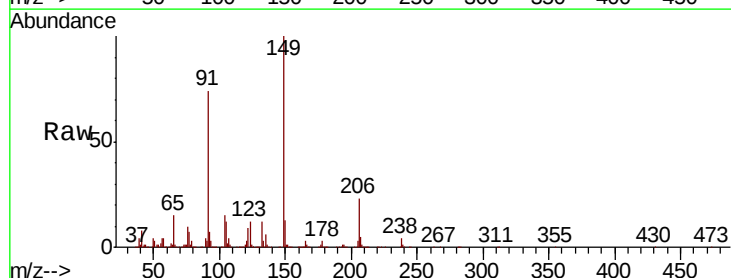
Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:149 Resp: 769029

Ion	Ratio	Lower	Upper
149	100		
91	73.7	59.0	88.4
206	23.3	18.6	28.0

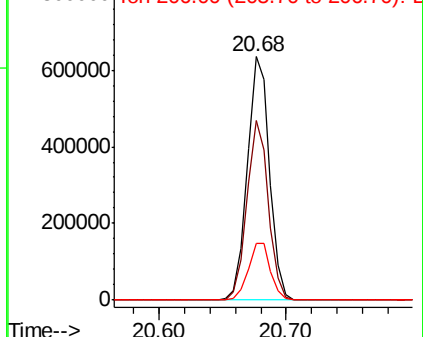
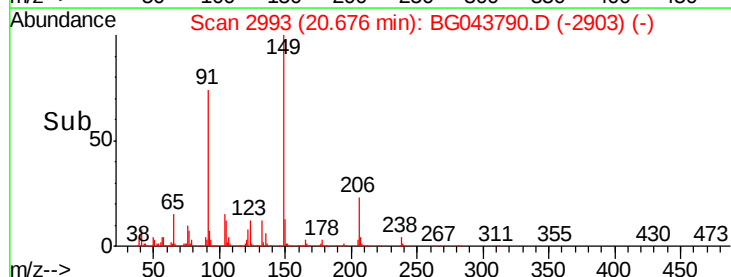


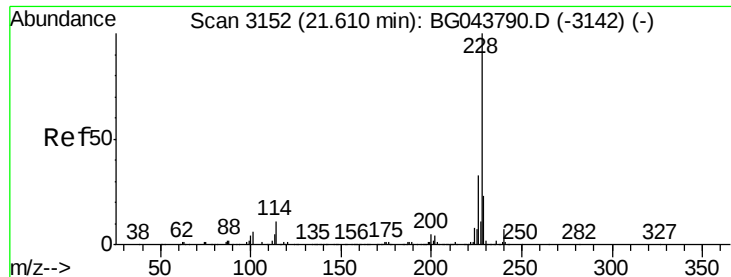
Abundance

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: 37.661 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

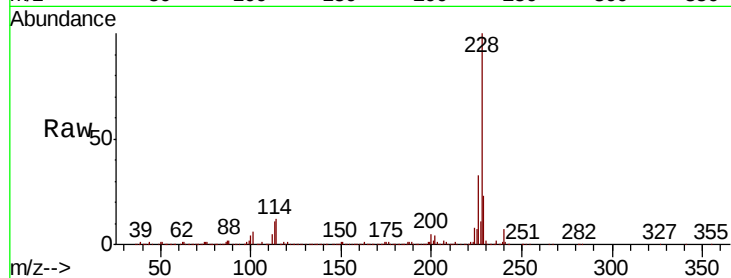
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1773950

Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.1	39.1
229	23.2	18.6	27.8

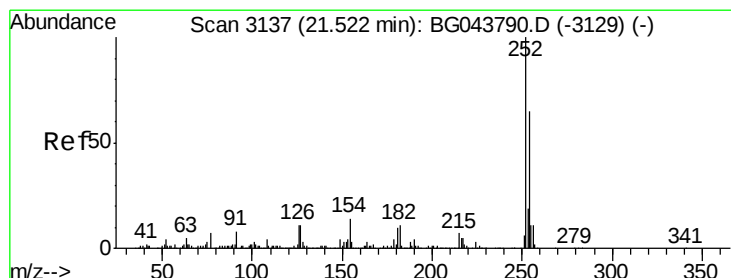
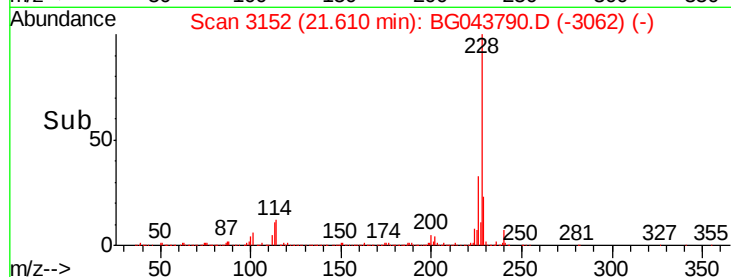
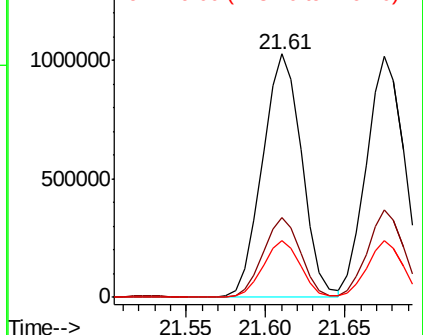


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.777 ng

RT: 21.52 min Scan# 3137

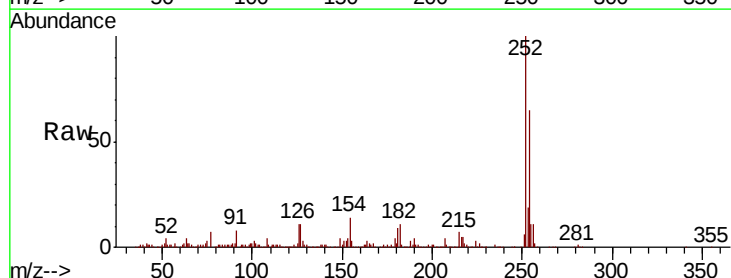
Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Tgt Ion:252 Resp: 649623

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.2
126	10.9	8.7	13.1

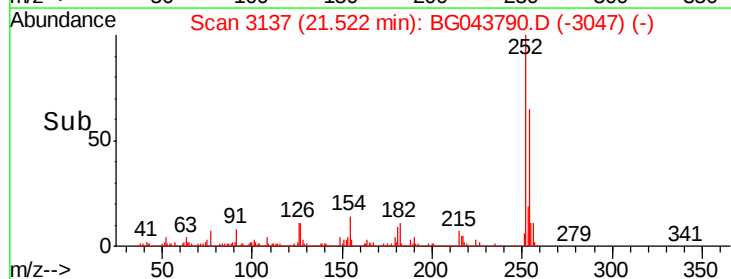
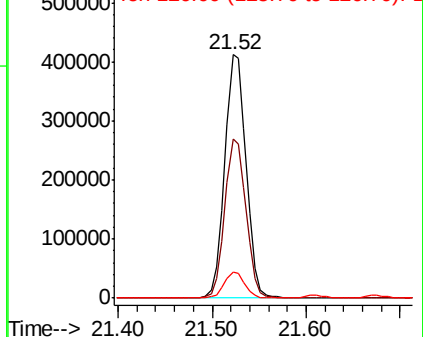


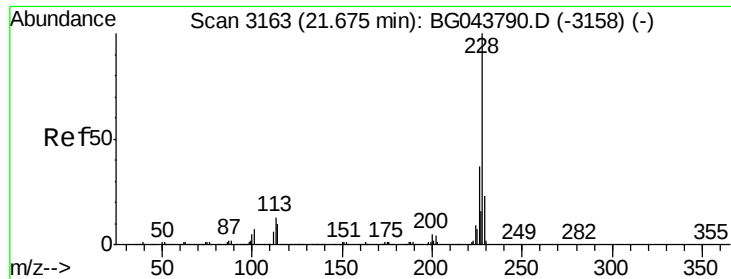
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

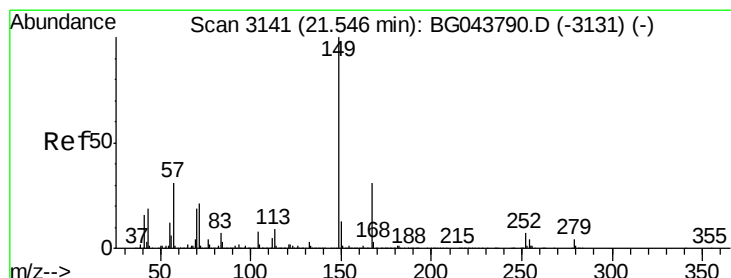
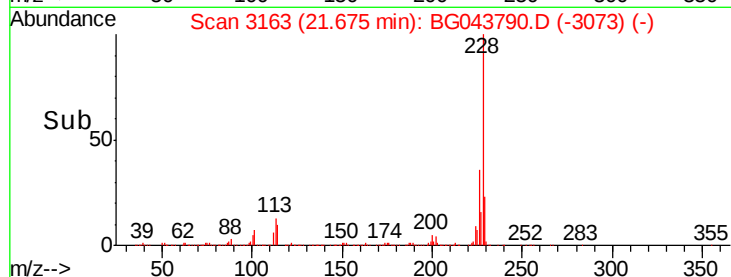
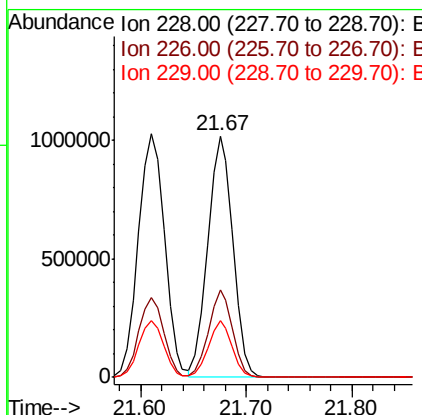
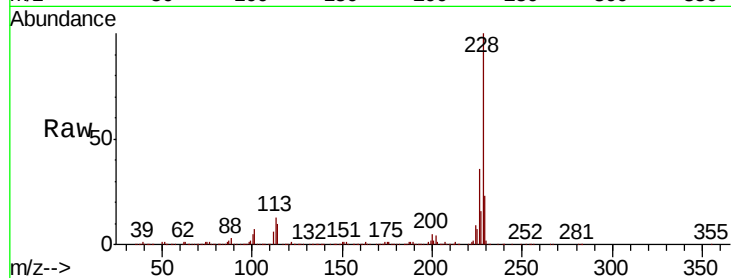




#83
 Chrvsene
 Concen: 37.984 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

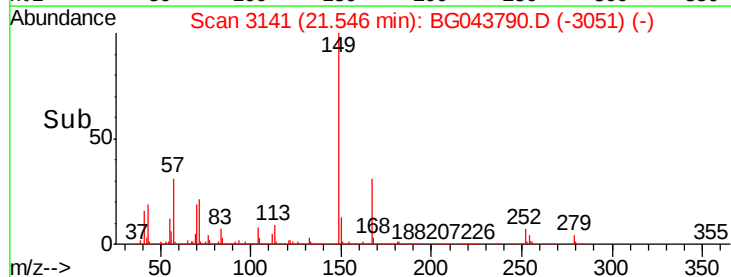
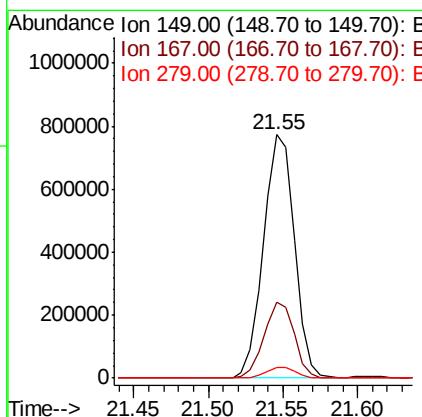
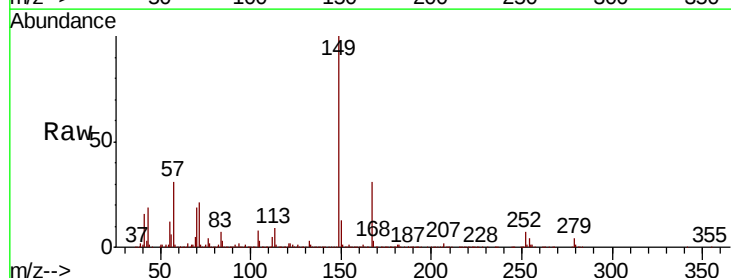
Instrument :
 BNA_G
 ClientSampleId :

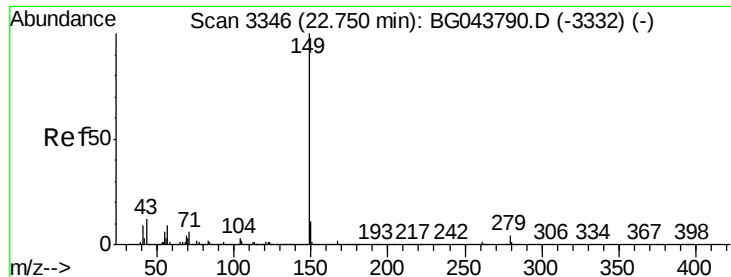
Tot Ion:228 Resp: 1692985
 Ion Ratio Lower Upper
 228 100
 226 36.4 29.1 43.7
 229 23.3 18.6 28.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.990 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG043790.D
 Acq: 9 Dec 2019 14:08

Tgt Ion:149 Resp: 1107269
 Ion Ratio Lower Upper
 149 100
 167 31.4 25.1 37.7
 279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 39.102 ng

RT: 22.75 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampled :

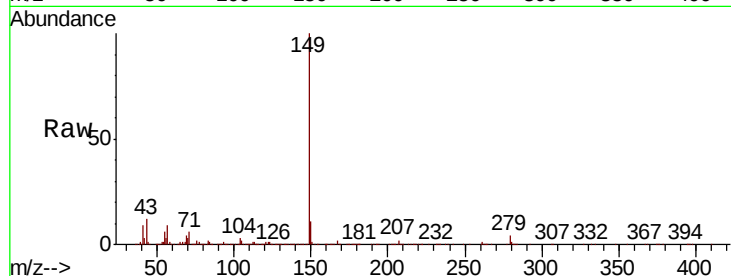
Tot Ion:149 Resp: 1848556

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

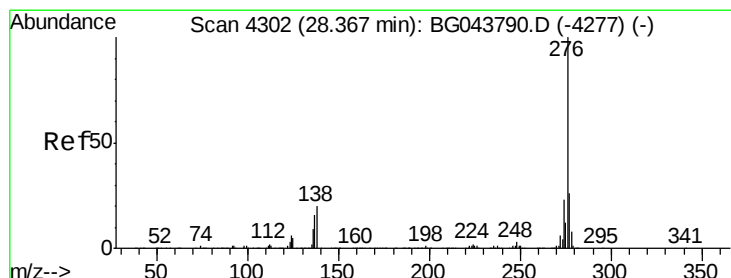
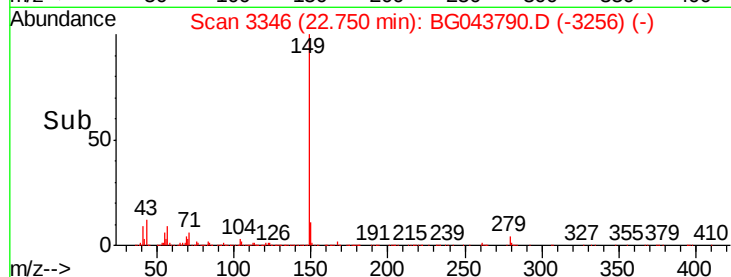
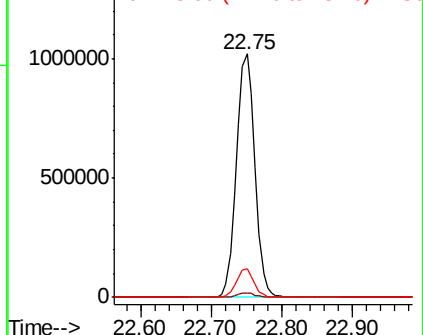
43 11.0 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.316 ng

RT: 28.37 min Scan# 4302

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

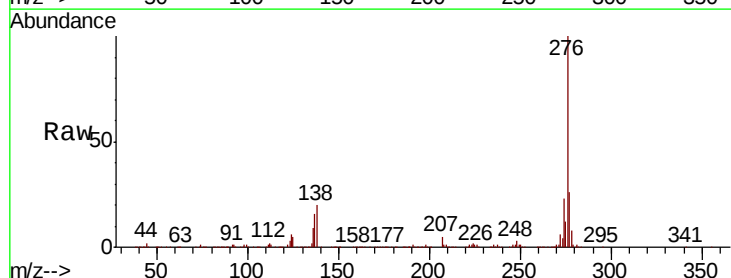
Tgt Ion:276 Resp: 2090257

Ion Ratio Lower Upper

276 100

138 18.2 14.6 21.8

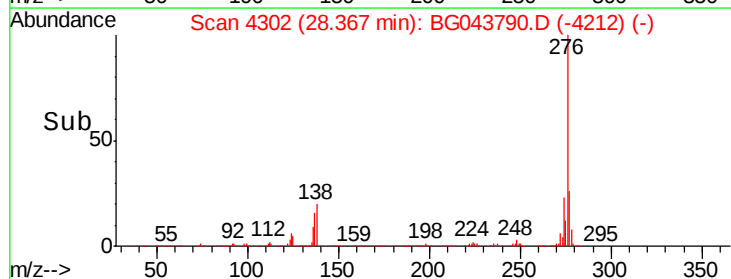
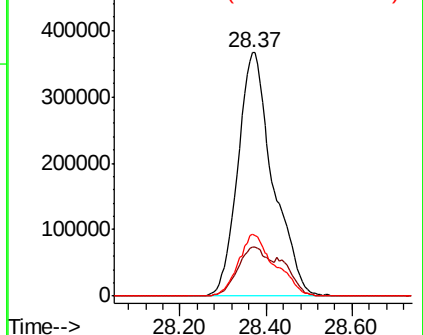
277 26.5 21.2 31.8

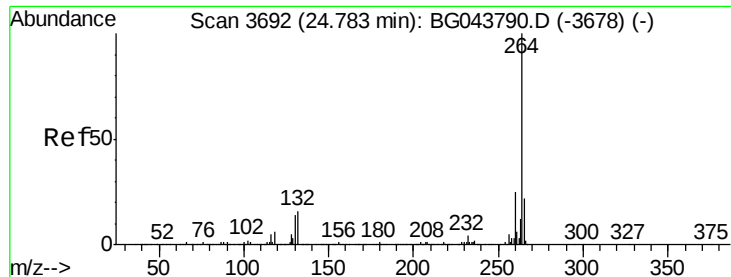


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampleId :

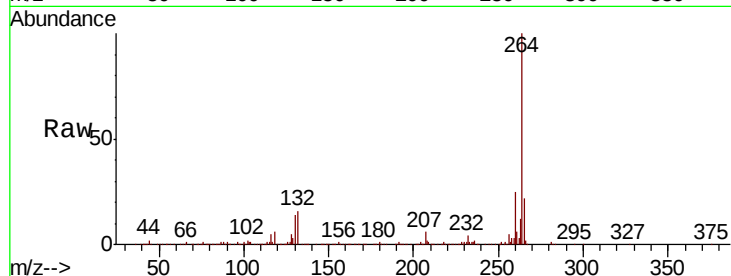
Tot Ion:264 Resp: 798652

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 22.4 17.9 26.9

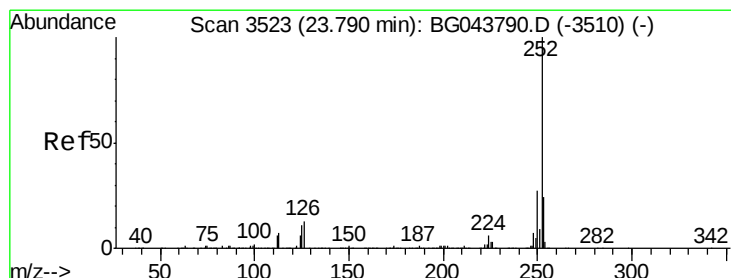
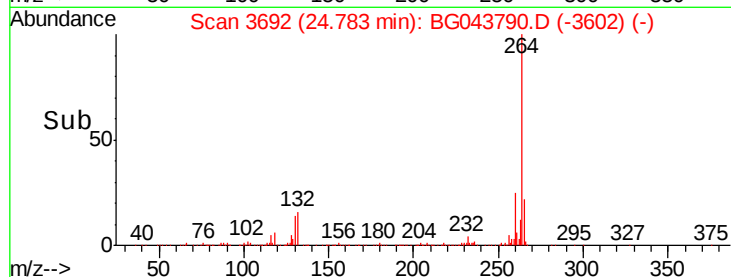
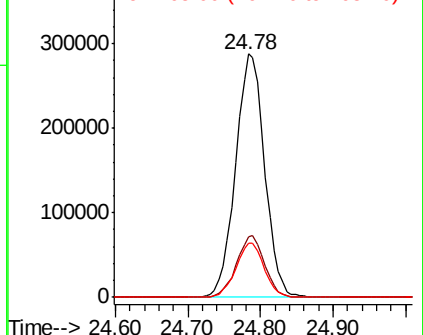


Abundance

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: 37.084 ng

RT: 23.79 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

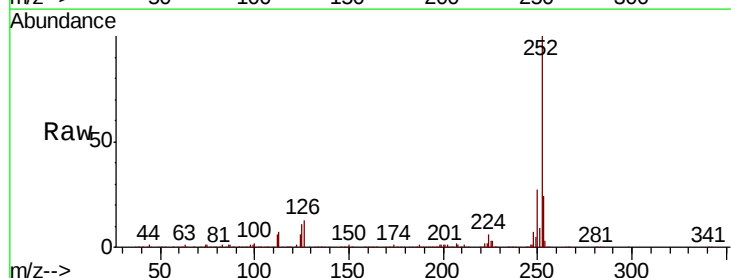
Tgt Ion:252 Resp: 1768315

Ion Ratio Lower Upper

252 100

253 24.4 19.5 29.3

125 11.2 9.0 13.4

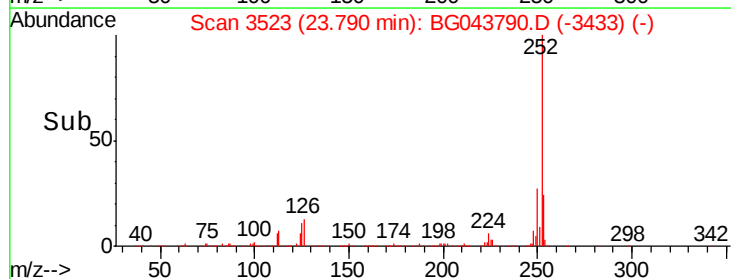
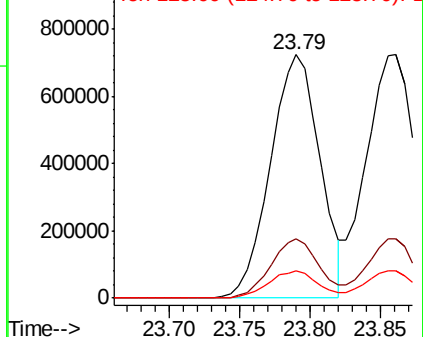


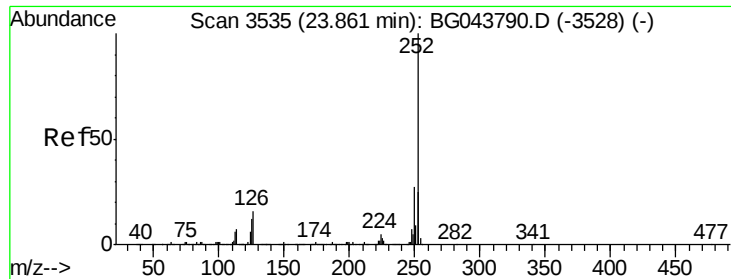
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.893 ng

RT: 23.86 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

Instrument :

BNA_G

ClientSampled :

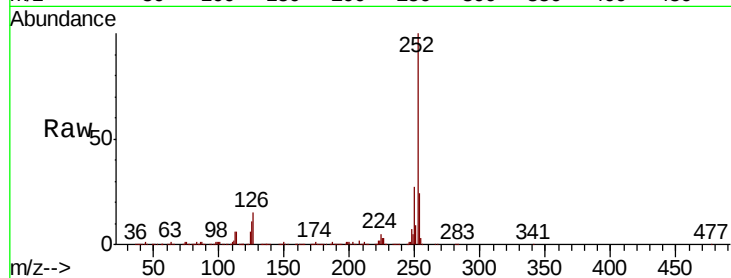
Tot Ion:252 Resp: 1779899

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

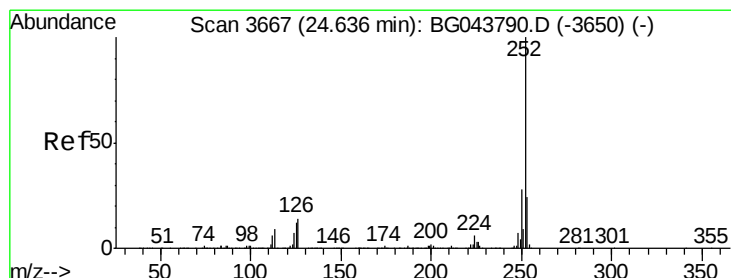
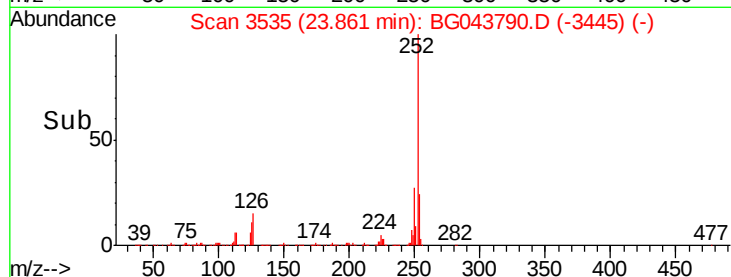
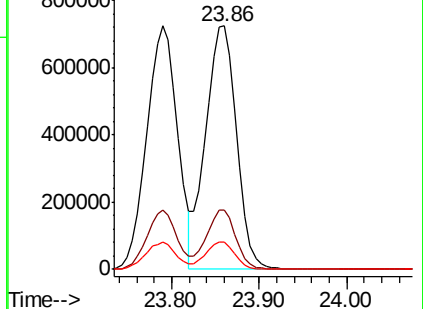
125 11.1 8.9 13.3



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



#90

Benzo(a)pyrene

Concen: 38.114 ng

RT: 24.64 min Scan# 3667

Delta R.T. 0.00 min

Lab File: BG043790.D

Acq: 9 Dec 2019 14:08

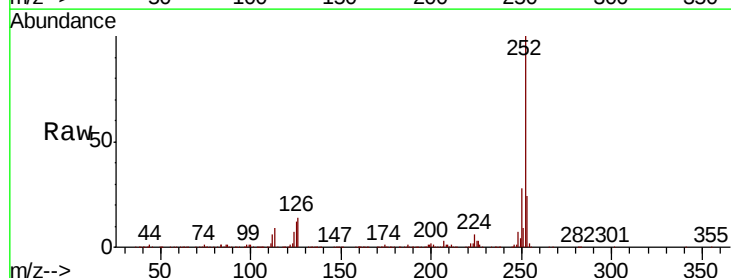
Tgt Ion:252 Resp: 1709001

Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

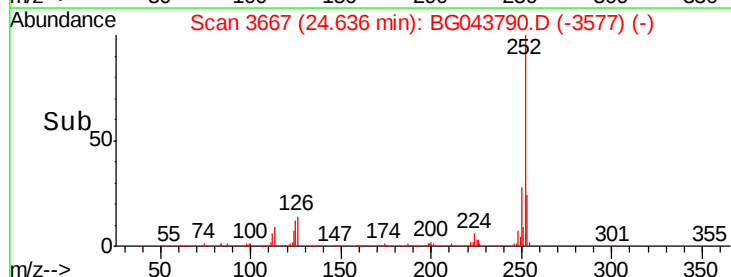
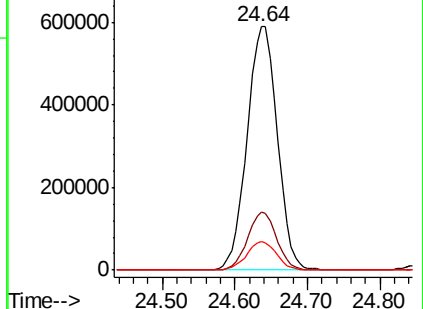
125 11.7 9.4 14.0

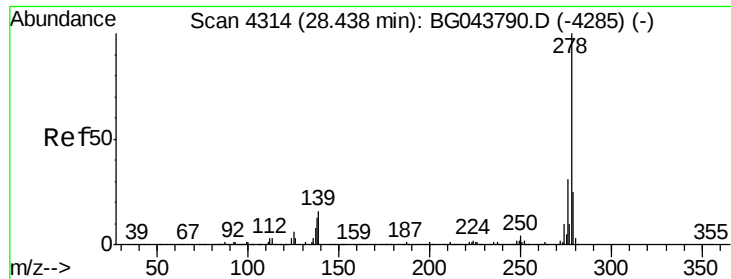


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

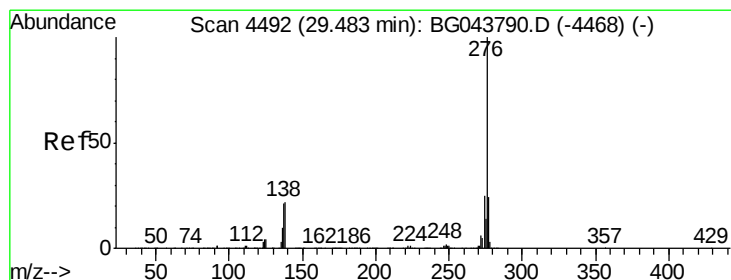
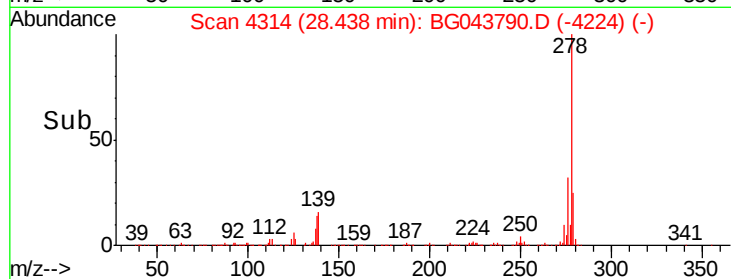
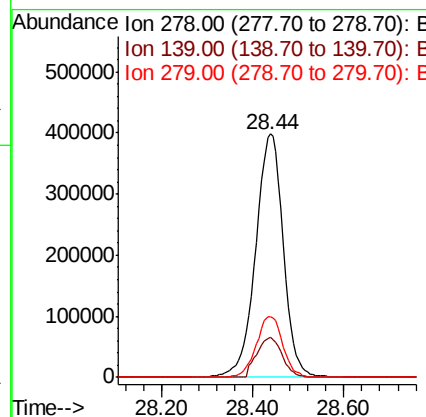
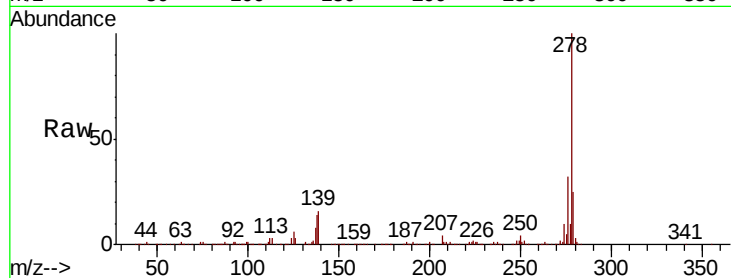




#91
Dibenzo(a,h)anthracene
Concen: 38.692 ng
RT: 28.44 min Scan# 4314
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1682788
Ion Ratio Lower Upper
278 100
139 16.5 13.2 19.8
279 24.7 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 38.596 ng
RT: 29.48 min Scan# 4492
Delta R.T. 0.00 min
Lab File: BG043790.D
Acq: 9 Dec 2019 14:08

Tgt Ion:276 Resp: 1655403
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 22.0 17.6 26.4

