

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043819.D
 Acq On : 17 Dec 2019 14:30
 Operator : JU
 Sample : PB125483BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 17 15:15:56 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 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	107200	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	492043	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	377712	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	883325	20.00	ng	0.00
76) Chrysene-d12	21.63	240	744272	20.00	ng	0.00
87) Perylene-d12	24.79	264	838563	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	802096	141.77	ng	0.00
7) Phenol-d6	7.17	99	1109020	135.92	ng	0.01
23) Nitrobenzene-d5	9.16	82	687104	78.41	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	474327	131.72	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1637422	76.15	ng	0.00
79) Terphenyl-d14	19.98	244	2460330	79.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	103792	39.615	ng	99
3) Pyridine	3.88	79	262790	36.297	ng	98
4) n-Nitrosodimethylamine	3.79	42	141666	40.810	ng	98
6) Aniline	7.32	93	371834	34.440	ng	97
8) 2-Chlorophenol	7.57	128	331064	50.211	ng	96
9) Benzaldehyde	7.13	77	222512	55.245	ng	94
10) Phenol	7.20	94	427589	50.758	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	306789	42.919	ng	97
12) 1,3-Dichlorobenzene	7.89	146	331562	41.963	ng	98
13) 1,4-Dichlorobenzene	8.04	146	330100	41.796	ng	98
14) 1,2-Dichlorobenzene	8.36	146	314926	41.385	ng	99
15) Benzyl Alcohol	8.24	79	304293	46.861	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	457252	39.913	ng	97
17) 2-Methylphenol	8.45	107	303287	50.435	ng	99
18) Hexachloroethane	9.09	117	119504	41.640	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	258866	41.498	ng	99
20) 3+4-Methylphenols	8.77	107	422508	50.459	ng	98
22) Acetophenone	8.82	105	462285	37.673	ng	99
24) Nitrobenzene	9.20	77	368767	41.312	ng	98
25) Isophorone	9.73	82	713878	40.789	ng	98
26) 2-Nitrophenol	9.91	139	180648	51.105	ng	99
27) 2,4-Dimethylphenol	9.98	122	344290	55.668	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	442493	39.498	ng	99
29) 2,4-Dichlorophenol	10.45	162	363775	47.897	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	347447	38.646	ng	96
31) Naphthalene	10.86	128	986179	41.770	ng	99
32) Benzoic acid	10.11	122	190761	44.980	ng	93
33) 4-Chloroaniline	10.96	127	268125	23.423	ng	98
34) Hexachlorobutadiene	11.15	225	198994	36.529	ng	96
35) Caprolactam	11.73	113	103476	34.716	ng	95
36) 4-Chloro-3-methylphenol	12.08	107	401537	49.109	ng	99
37) 2-Methylnaphthalene	12.46	142	784688	42.880	ng	98
38) 1-Methylnaphthalene	12.68	142	752510	43.245	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	402377	35.452	ng	99

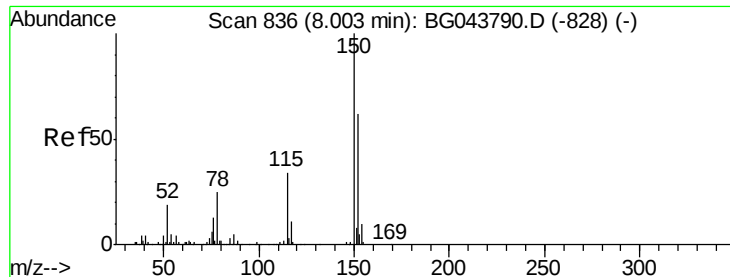
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 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	519823	97.577	nq	100
43) 2,4,6-Trichlorophenol	13.06	196	324183	44.938	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	342308	45.292	nq	94
46) 1,1'-Biphenyl	13.47	154	1011274	38.836	nq	100
47) 2-Chloronaphthalene	13.51	162	818433	38.446	nq	99
48) 2-Nitroaniline	13.70	65	271617	43.263	nq	95
49) Acenaphthylene	14.35	152	1327513	41.862	nq	98
50) Dimethylphthalate	14.08	163	1090338	40.444	nq	100
51) 2,6-Dinitrotoluene	14.19	165	257632	44.345	nq	100
52) Acenaphthene	14.69	154	927925	44.480	nq	97
53) 3-Nitroaniline	14.52	138	188594	28.367	nq	94
54) 2,4-Dinitrophenol	14.73	184	250075	96.750	nq	90
55) Dibenzofuran	15.03	168	1299945	42.096	nq	100
56) 4-Nitrophenol	14.84	139	487406	100.489	nq	99
57) 2,4-Dinitrotoluene	14.98	165	369314	47.045	nq	95
58) Fluorene	15.68	166	1056782	42.457	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	316842	46.724	nq	98
60) Diethylphthalate	15.45	149	1112836	41.325	nq	100
61) 4-Chlorophenyl-phenylether	15.67	204	570579	40.932	nq	99
62) 4-Nitroaniline	15.69	138	272074	39.496	nq	99
63) Azobenzene	15.96	77	1036387	41.893	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	183087	52.590	nq	98
66) n-Nitrosodiphenylamine	15.88	169	1001745	40.803	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	364100	38.554	nq	97
68) Hexachlorobenzene	16.69	284	376653	37.604	nq	98
69) Atrazine	16.83	200	393661	50.297	nq	99
70) Pentachlorophenol	17.03	266	451519	84.744	nq	98
71) Phenanthrene	17.41	178	1688036	40.367	nq	99
72) Anthracene	17.50	178	1755262	42.403	nq	99
73) Carbazole	17.77	167	1584233	40.942	nq	99
74) Di-n-butylphthalate	18.34	149	1833188	41.326	nq	100
75) Fluoranthene	19.42	202	1946690	40.675	nq	99
77) Benzidine	19.59	184	905068	55.740	nq	98
78) Pyrene	19.78	202	1959848	40.294	nq	99
80) Butylbenzylphthalate	20.68	149	874319	43.161	nq	98
81) Benzo(a)anthracene	21.61	228	1900726	40.463	nq	99
82) 3,3'-Dichlorobenzidine	21.53	252	565827	32.607	nq	100
83) Chrysene	21.67	228	1797040	40.154	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1202674	41.391	nq	98
85) Di-n-octyl phthalate	22.74	149	2074940	43.682	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2002424	34.958	nq	# 95
88) Benzo(b)fluoranthene	23.80	252	1894321	39.235	nq	99
89) Benzo(k)fluoranthene	23.86	252	1920808	41.184	nq	99
90) Benzo(a)pyrene	24.65	252	1799715	39.114	nq	99
91) Dibenzo(a,h)anthracene	28.44	278	1632819	35.528	nq	98
92) Benzo(g,h,i)perylene	29.49	276	1588276	35.021	nq	99

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

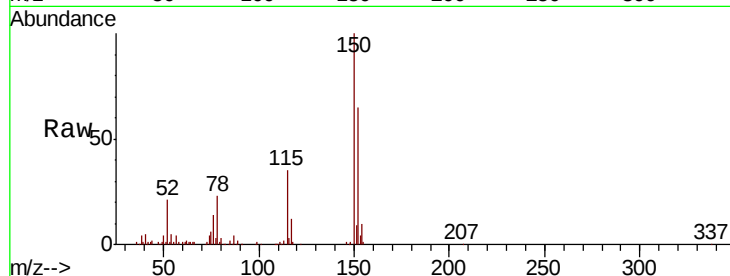


#1

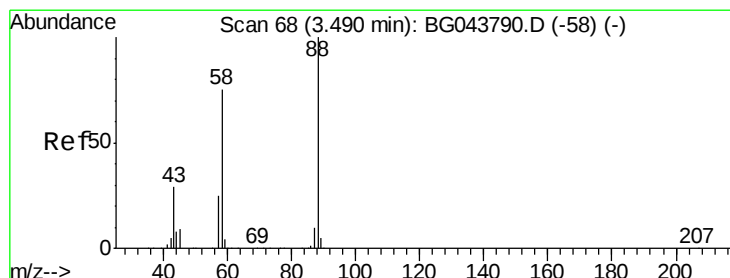
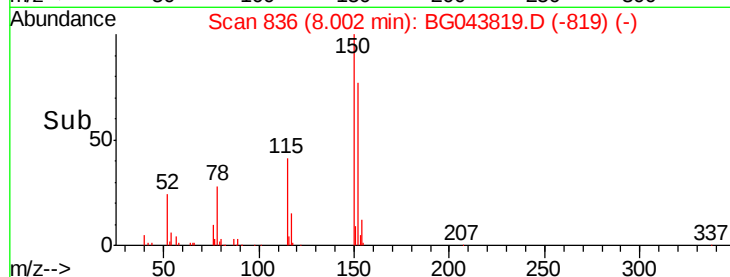
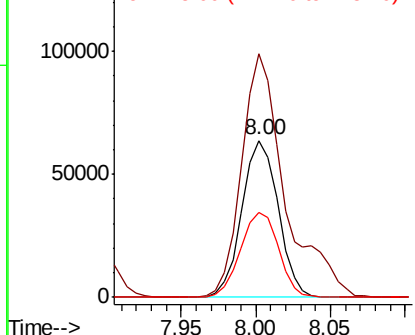
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 107200
Ion Ratio Lower Upper
152 100
150 155.0 128.6 192.8
115 54.0 44.3 66.5



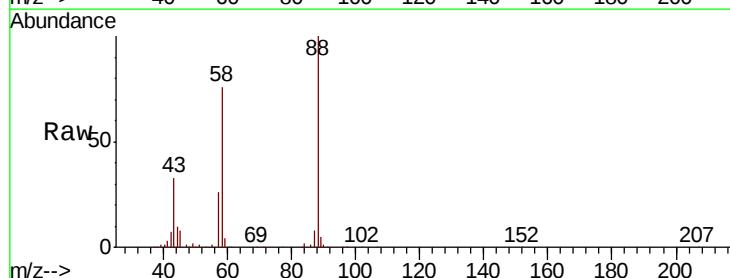
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



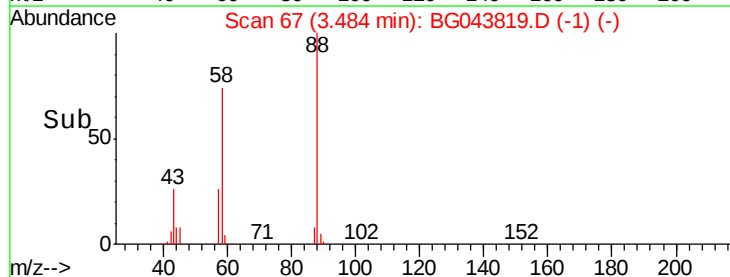
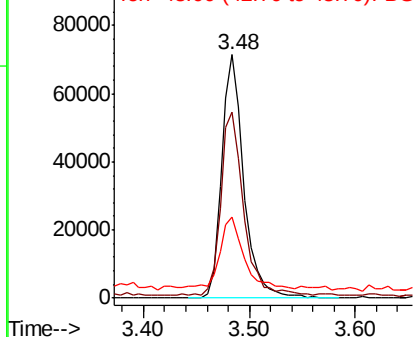
#2

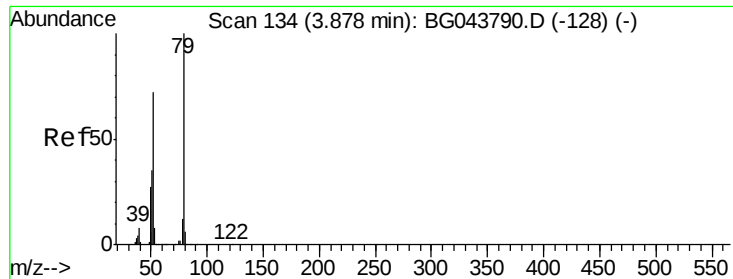
1,4-Dioxane
Concen: 39.615 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion: 88 Resp: 103792
Ion Ratio Lower Upper
88 100
58 77.3 62.2 93.4
43 31.9 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: 36.297 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

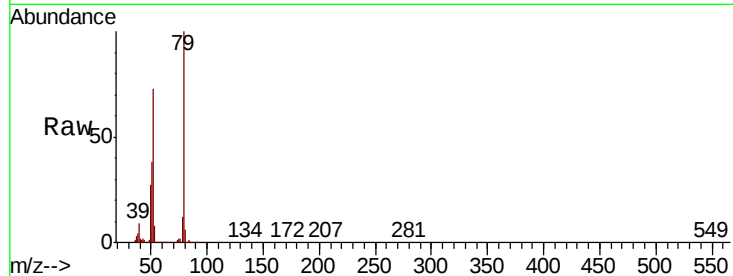
Tot Ion: 79 Resp: 262790

Ion Ratio Lower Upper

79 100

52 72.9 57.6 86.4

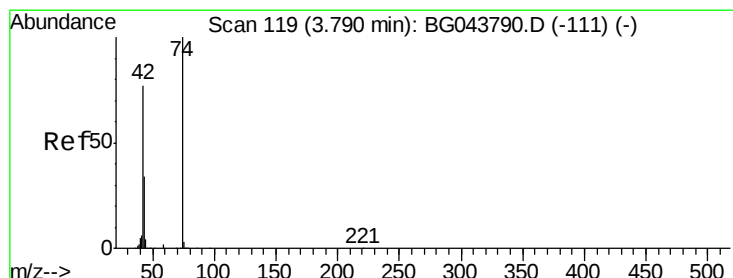
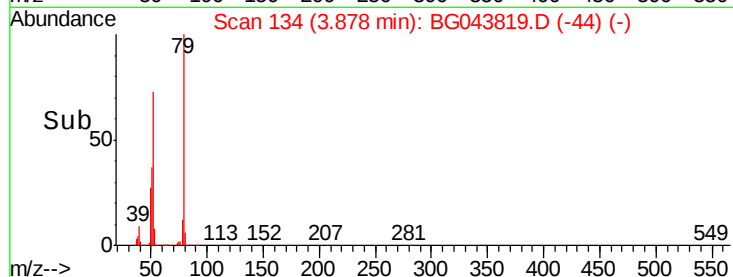
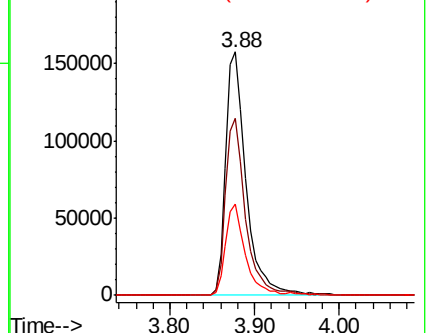
51 37.6 27.8 41.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.810 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

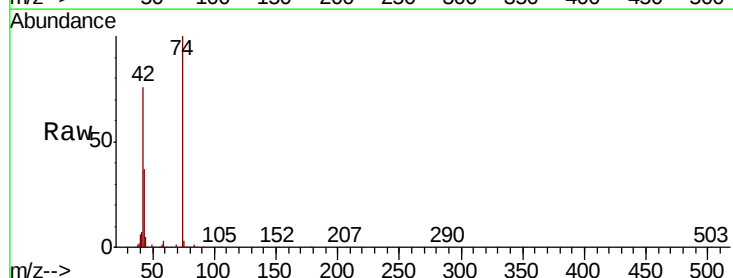
Tgt Ion: 42 Resp: 141666

Ion Ratio Lower Upper

42 100

74 132.3 104.2 156.4

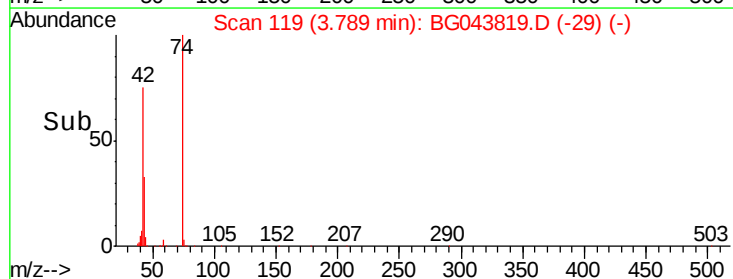
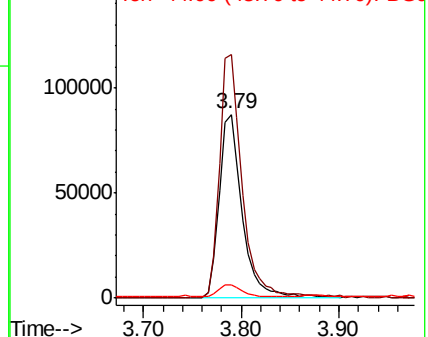
44 7.2 5.6 8.4

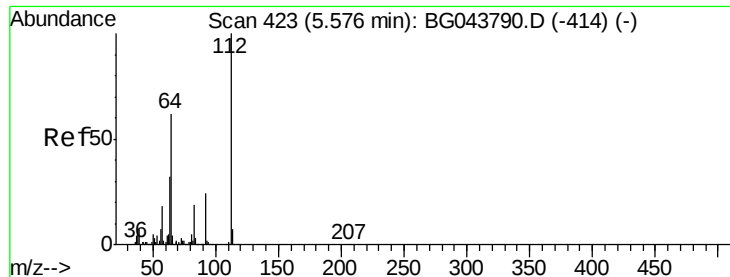


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.768 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

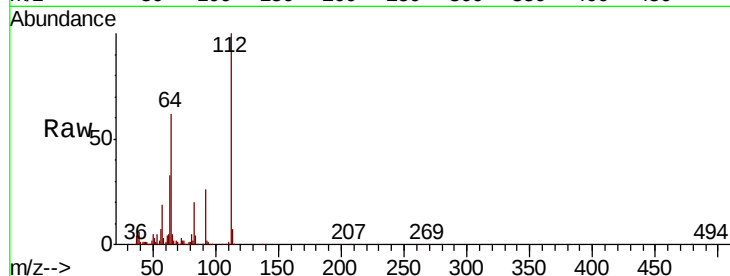
Tot Ion:112 Resp: 802096

Ion Ratio Lower Upper

112 100

64 62.0 49.9 74.9

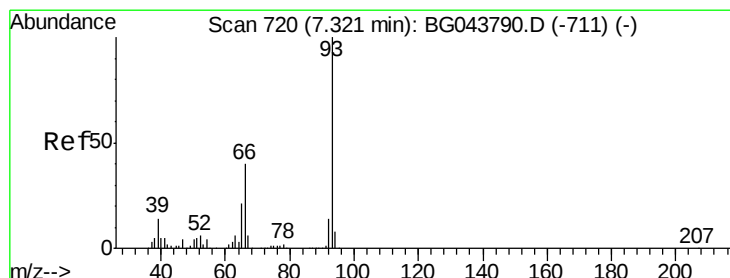
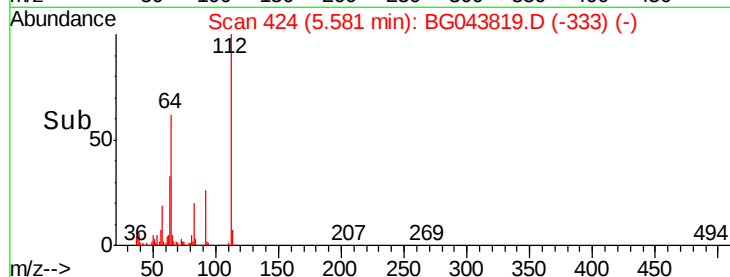
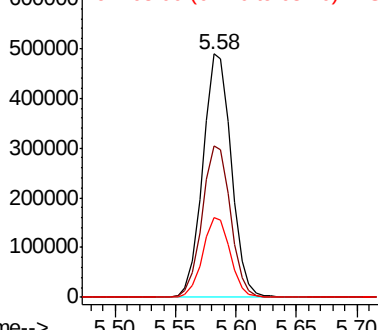
63 32.9 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.440 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

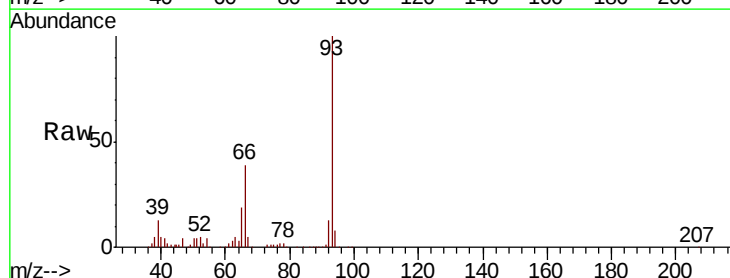
Tgt Ion: 93 Resp: 371834

Ion Ratio Lower Upper

93 100

66 38.6 31.9 47.9

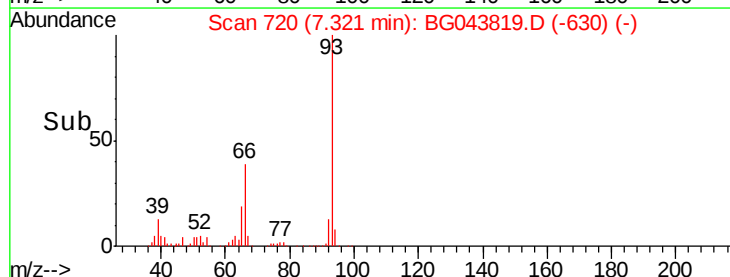
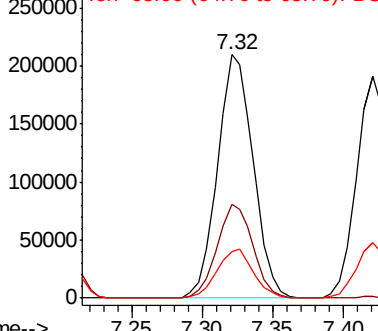
65 19.1 16.8 25.2

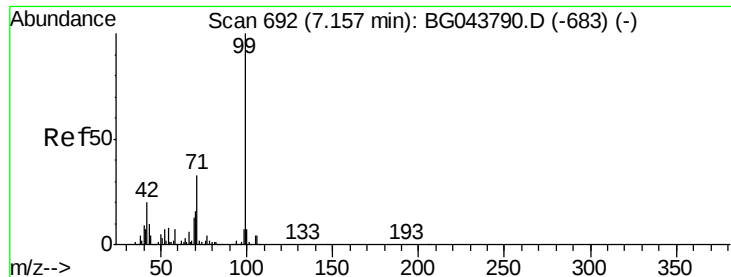


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.916 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

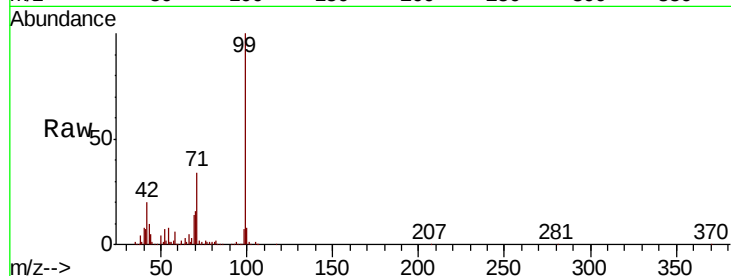
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1109020

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	33.6	26.6	40.0

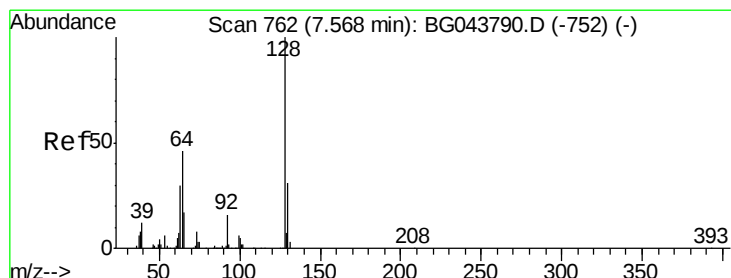
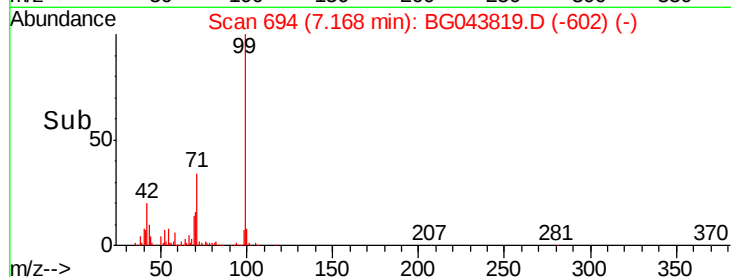


Abundance

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: 50.211 ng

RT: 7.57 min Scan# 763

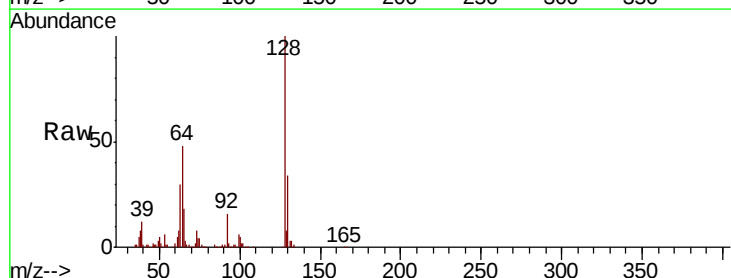
Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion: 128 Resp: 331064

Ion	Ratio	Lower	Upper
128	100		
130	33.8	11.1	51.1
64	48.4	26.5	66.5

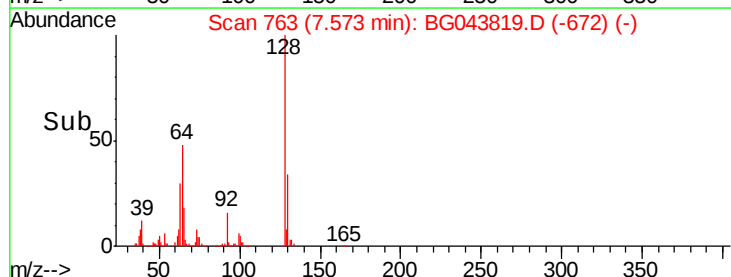


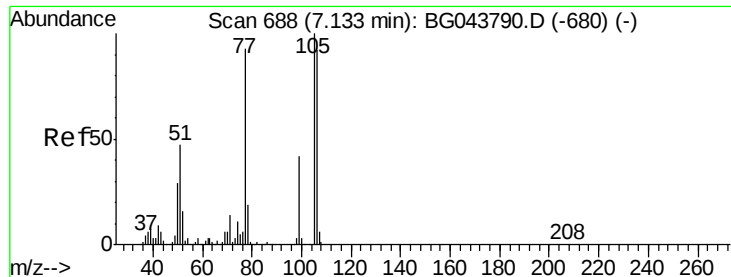
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 55.245 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

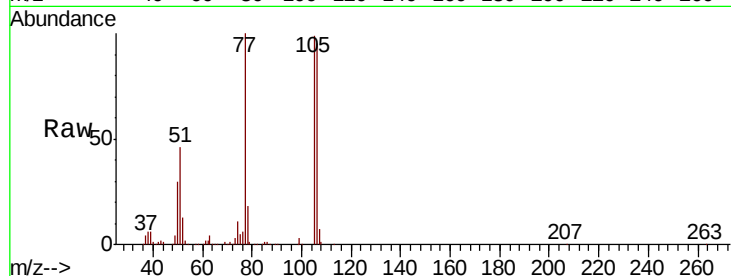
Tot Ion: 77 Resp: 222512

Ion Ratio Lower Upper

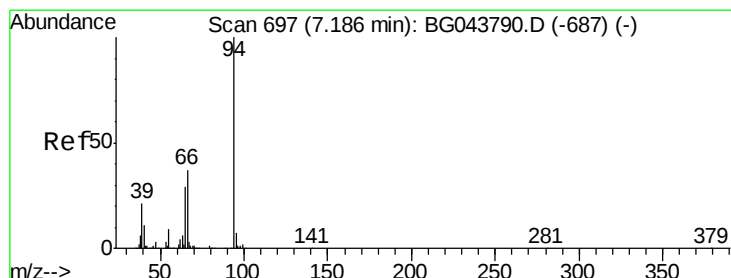
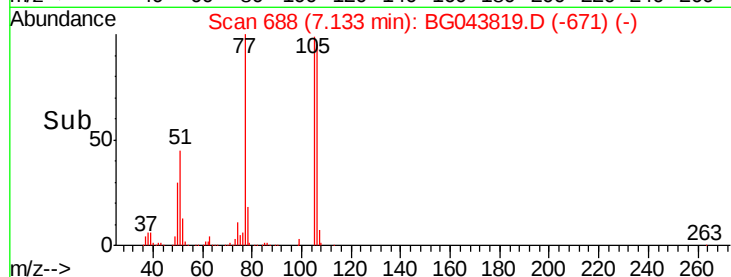
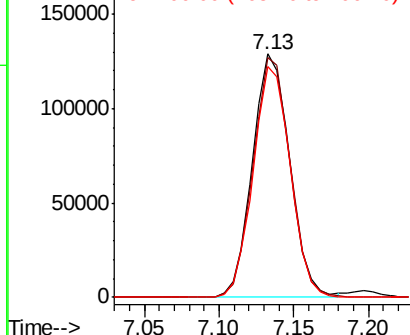
77 100

105 98.6 87.1 127.1

106 94.8 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: 50.758 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

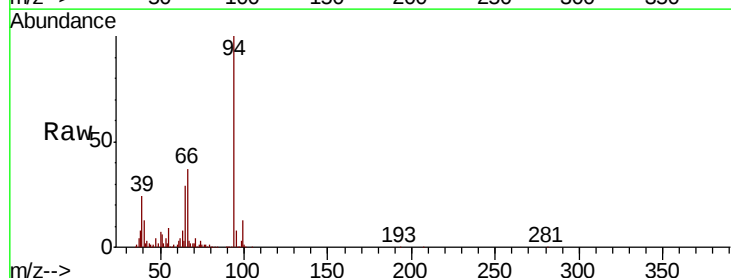
Tgt Ion: 94 Resp: 427589

Ion Ratio Lower Upper

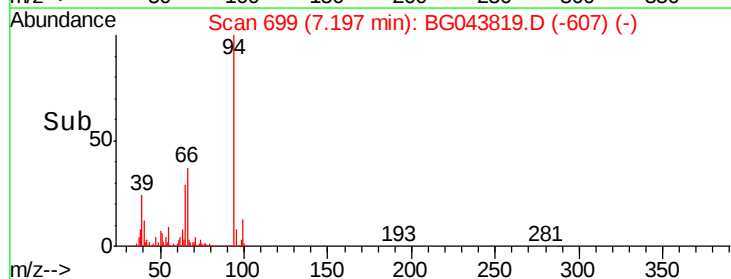
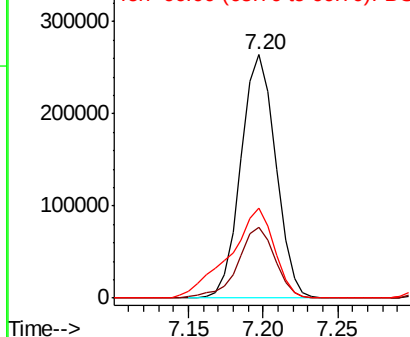
94 100

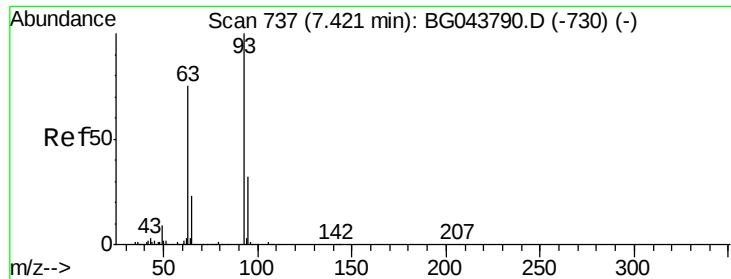
65 29.1 9.5 49.5

66 37.0 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



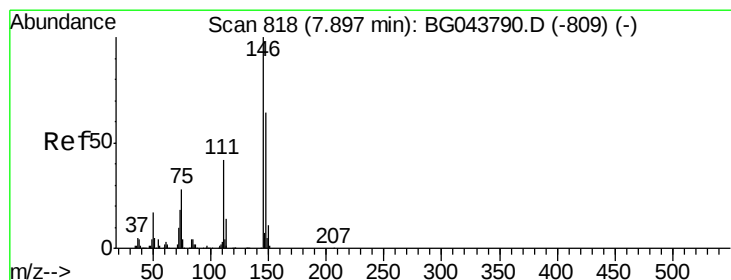
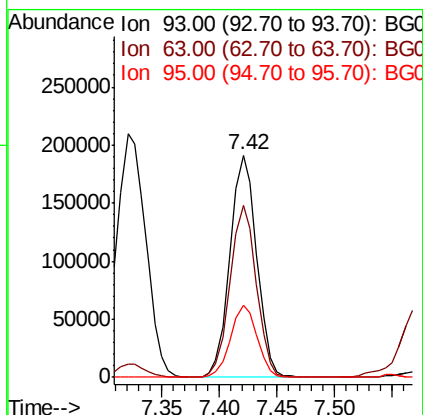
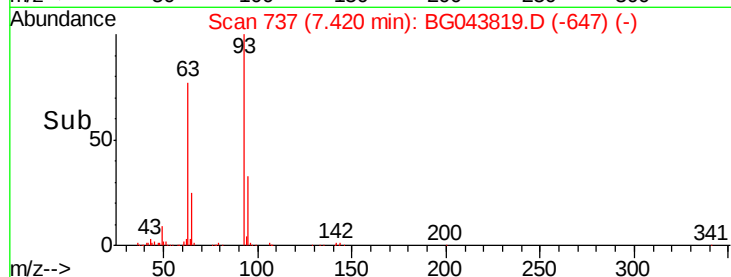
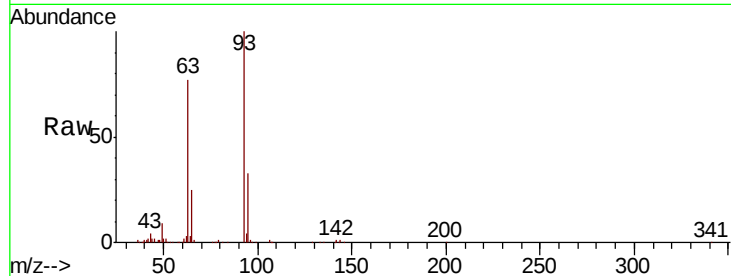


#11
 bis(2-Chloroethyl)ether
 Concen: 42.919 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 306789

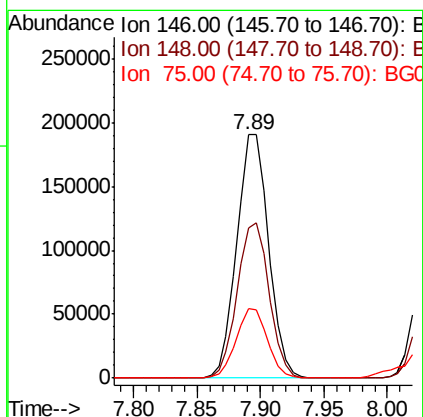
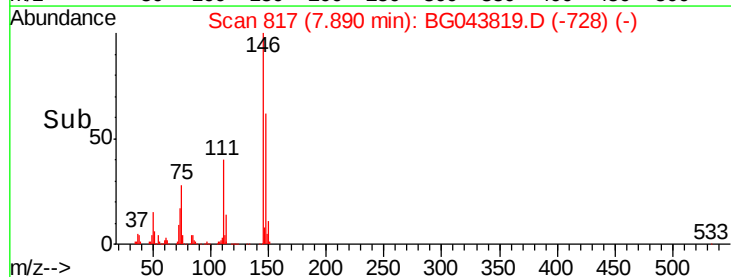
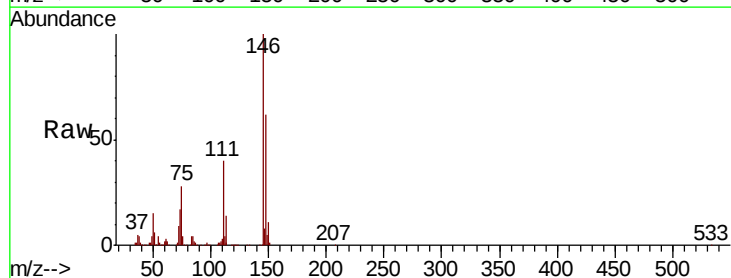
Ion	Ratio	Lower	Upper
93	100		
63	77.2	54.7	94.7
95	32.5	11.3	51.3

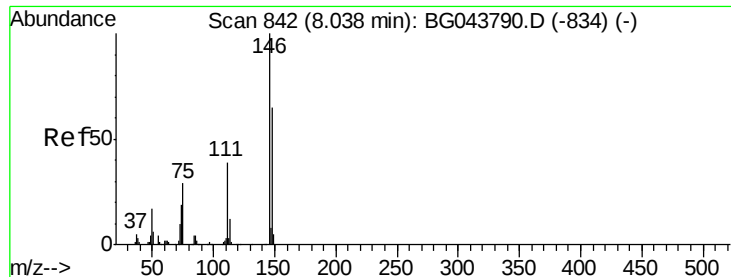


#12
 1,3-Dichlorobenzene
 Concen: 41.963 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion: 146 Resp: 331562

Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.4	77.2
75	28.4	22.4	33.6

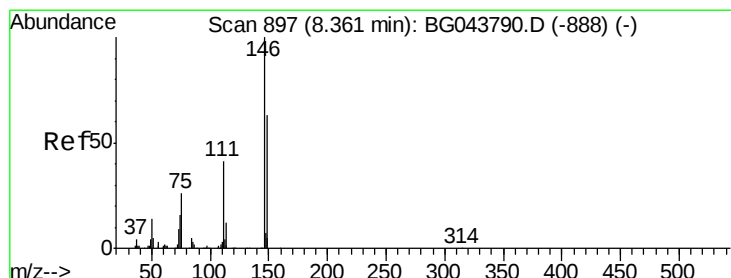
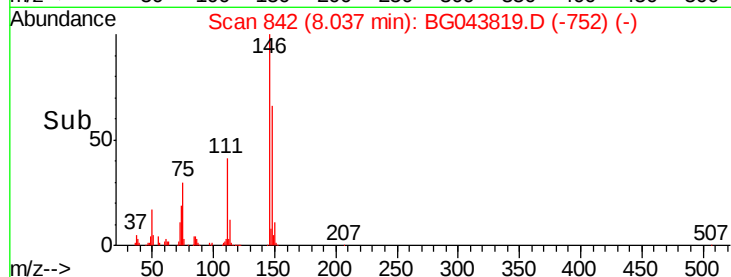
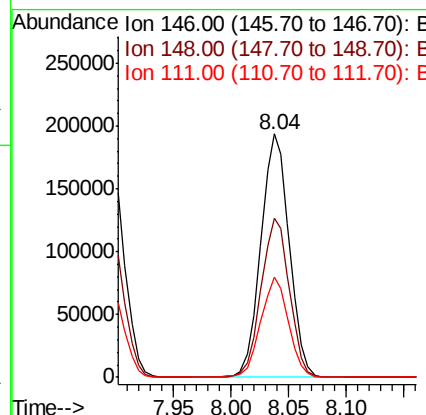
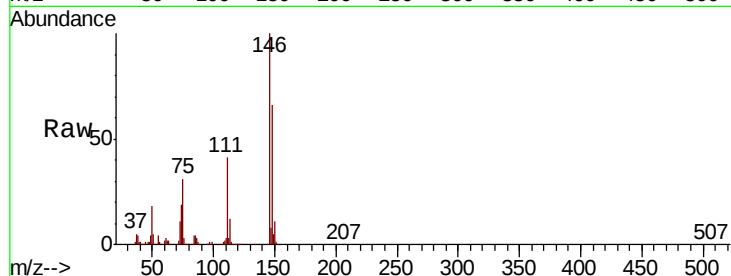




#13
 1,4-Dichlorobenzene
 Concen: 41.796 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

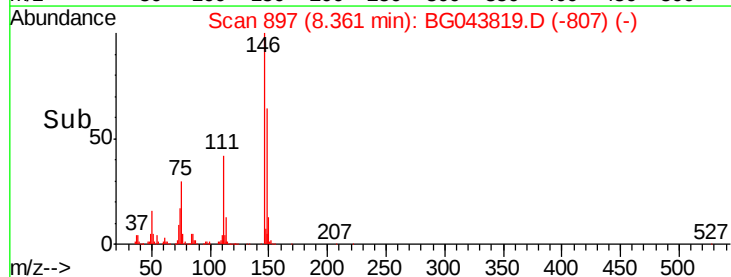
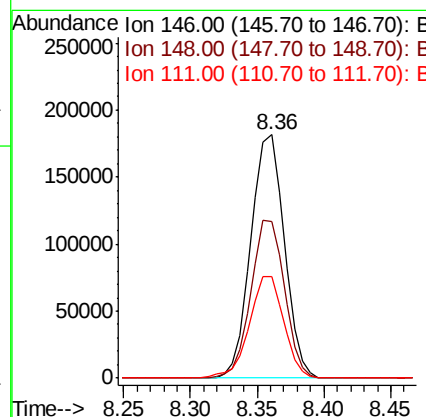
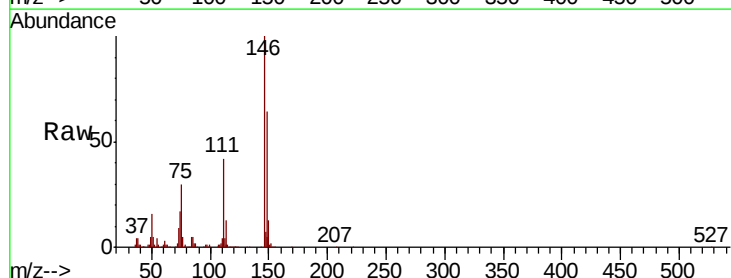
Instrument :
 BNA_G
 ClientSampleId :

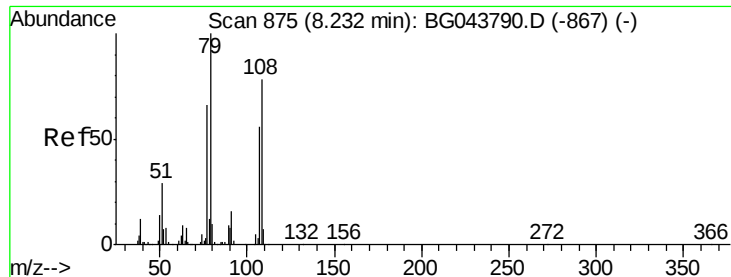
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
111	41.0	31.4	47.2



#14
 1,2-Dichlorobenzene
 Concen: 41.385 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.2
111	41.9	33.4	50.2





#15

Benzyl Alcohol

Concen: 46.861 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampled :

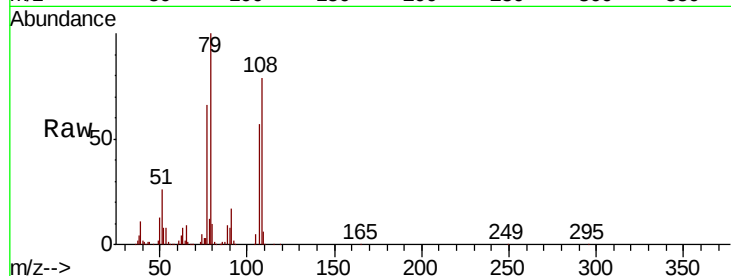
Tot Ion: 79 Resp: 304293

Ion Ratio Lower Upper

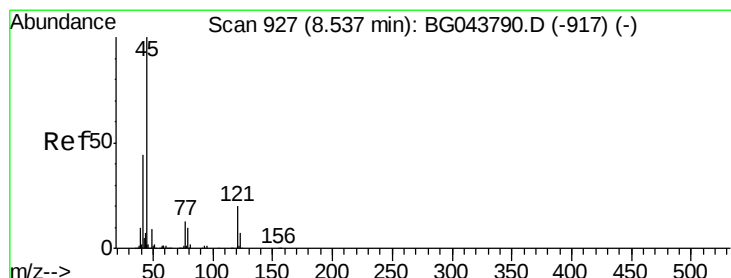
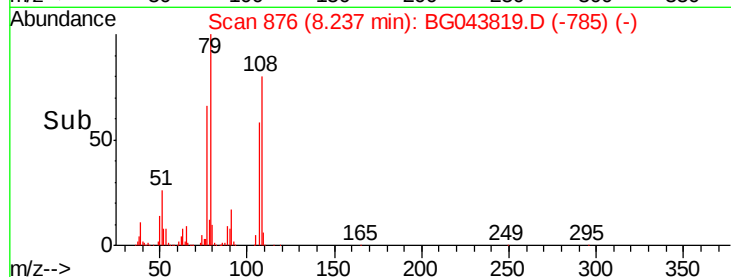
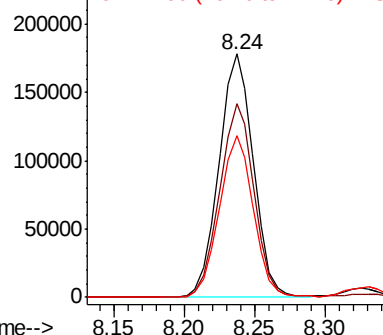
79 100

108 79.5 62.2 93.2

77 66.2 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: 39.913 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

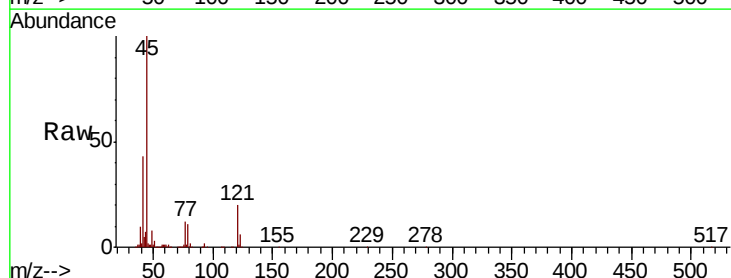
Tgt Ion: 45 Resp: 457252

Ion Ratio Lower Upper

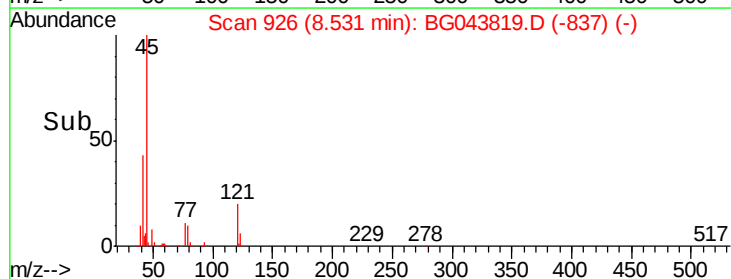
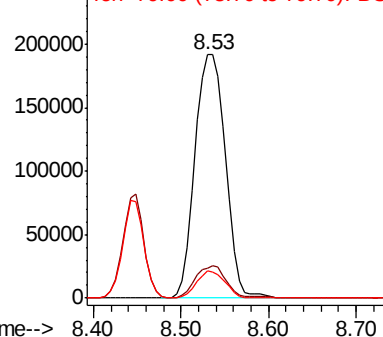
45 100

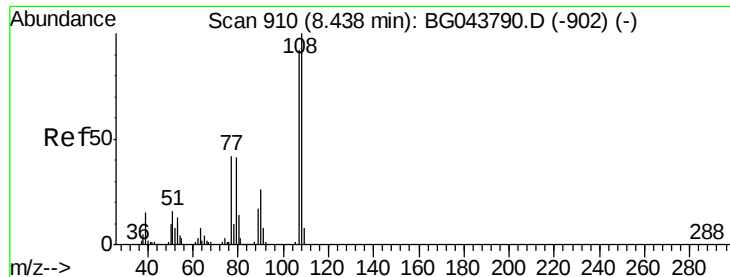
77 12.5 0.0 33.6

79 11.0 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: 50.435 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 303287

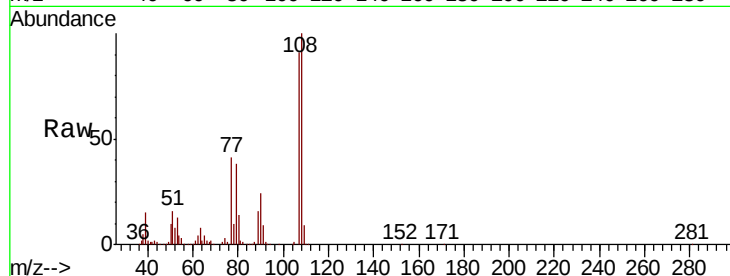
Ion Ratio Lower Upper

107 100

108 109.4 87.2 130.8

77 45.2 36.6 54.8

79 41.8 35.5 53.3

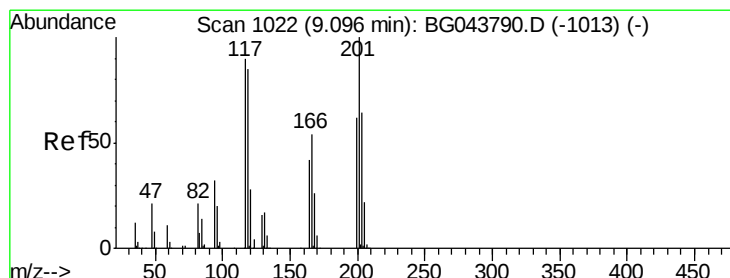
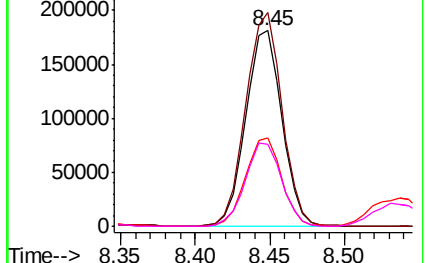
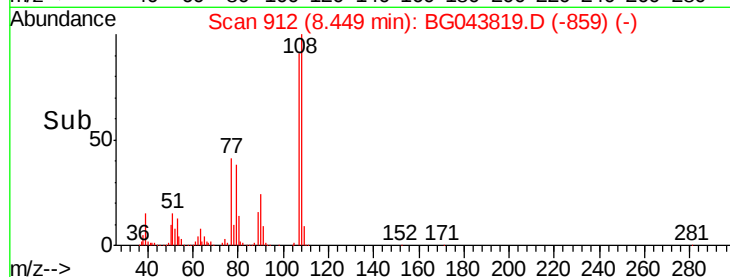


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.640 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

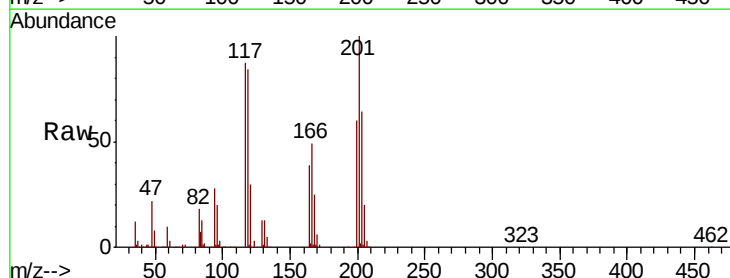
Tgt Ion:117 Resp: 119504

Ion Ratio Lower Upper

117 100

119 96.3 75.6 113.4

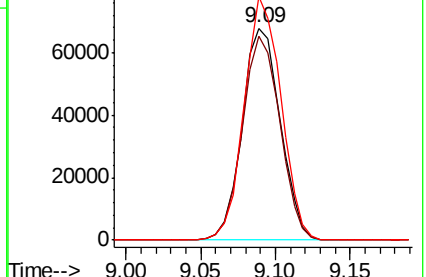
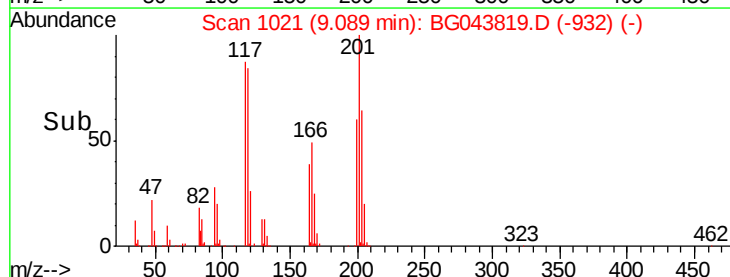
201 115.0 88.6 133.0

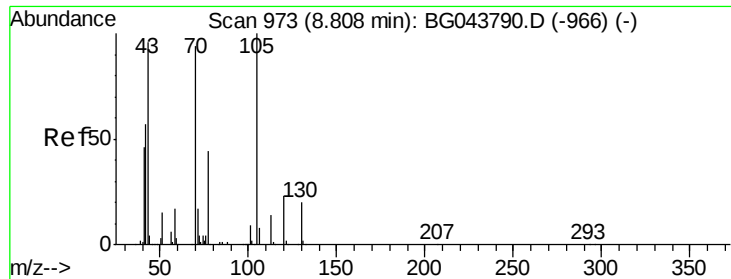


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.498 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 258866

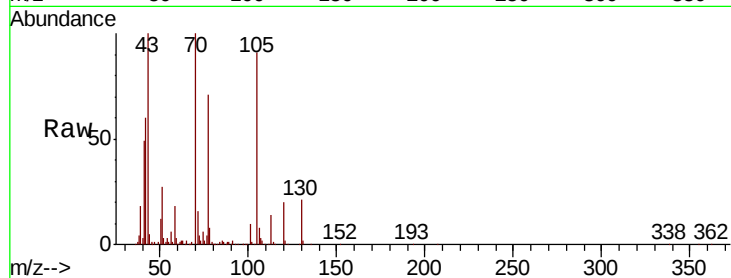
Ion Ratio Lower Upper

70 100

42 60.3 49.2 73.8

101 10.1 7.8 11.6

130 21.4 17.0 25.6



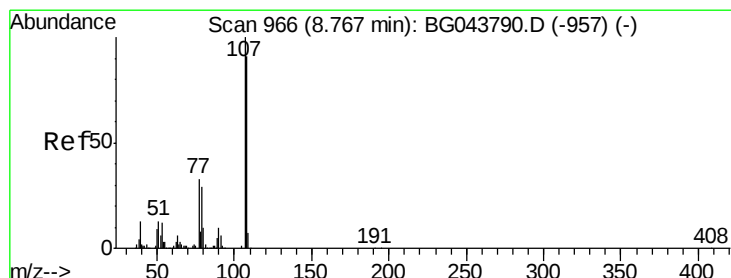
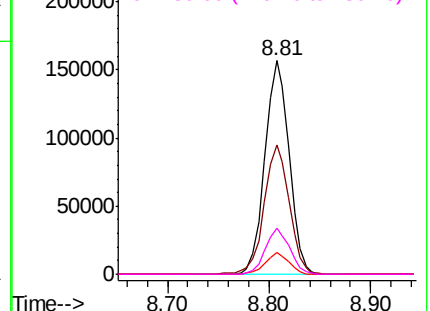
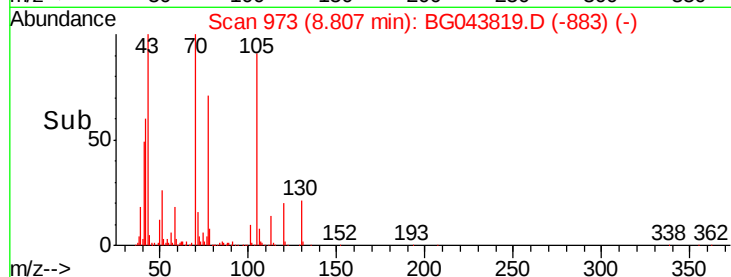
Abundance

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: 50.459 ng

RT: 8.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion: 107 Resp: 422508

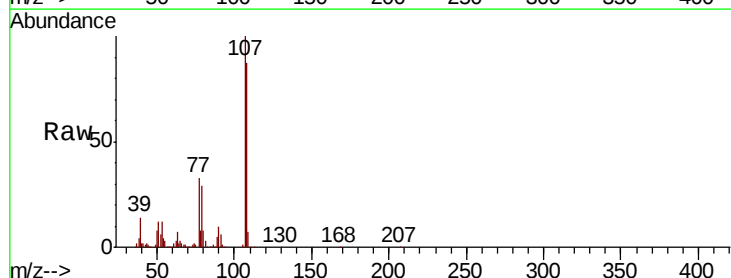
Ion Ratio Lower Upper

107 100

108 87.3 70.9 110.9

77 32.9 12.7 52.7

79 28.7 9.1 49.1



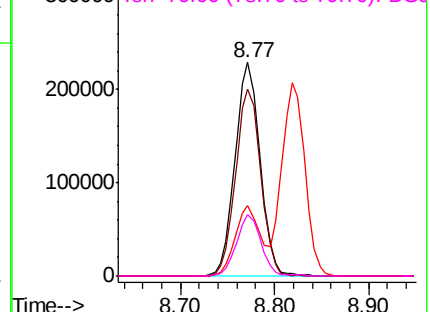
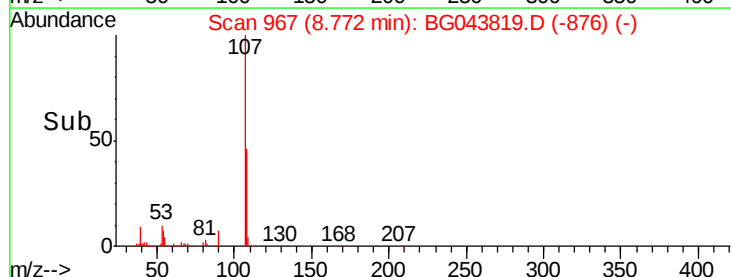
Abundance

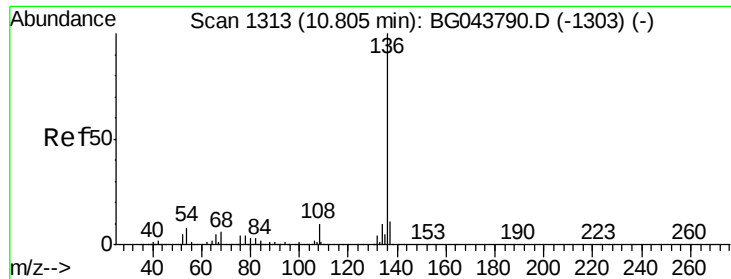
Ion 107.00 (106.70 to 107.70): BGC

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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 492043

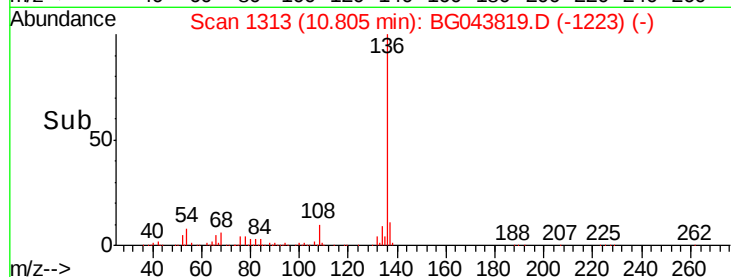
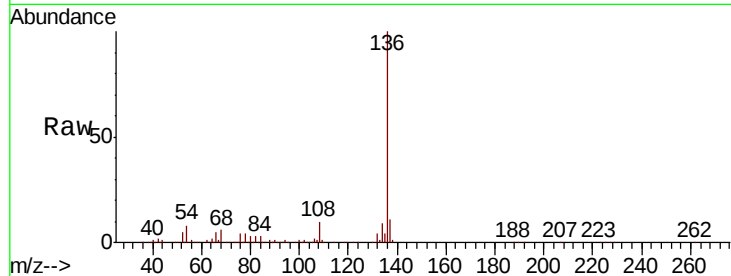
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.1 6.8 10.2

68 5.8 5.0 7.4



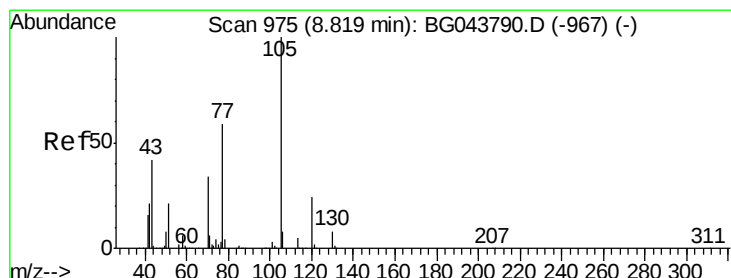
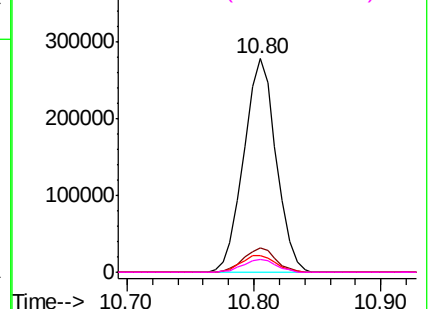
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.673 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:105 Resp: 462285

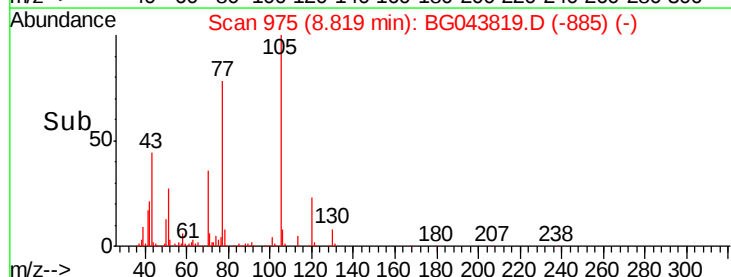
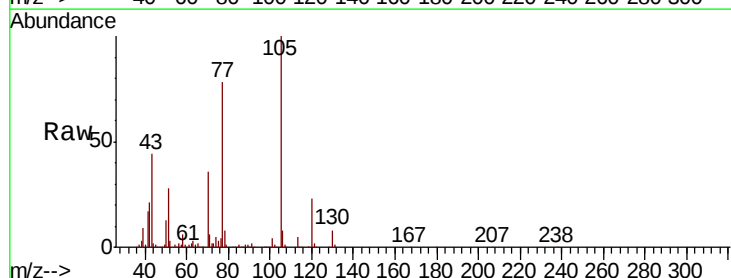
Ion Ratio Lower Upper

105 100

71 5.9 4.9 7.3

51 27.6 22.2 33.4

120 23.3 19.0 28.6



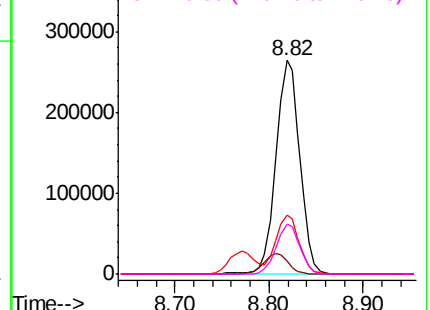
Abundance

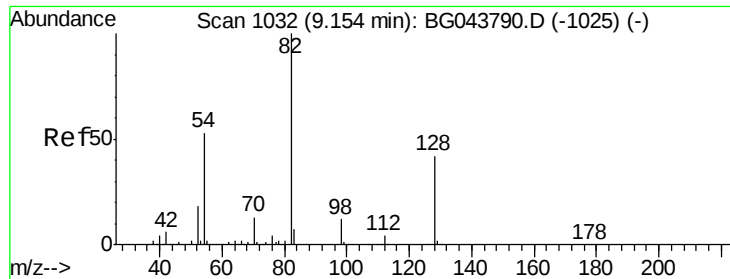
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

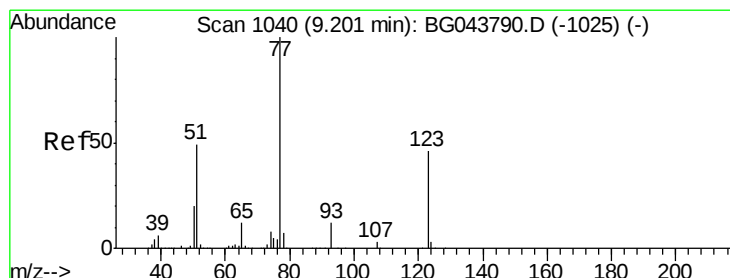
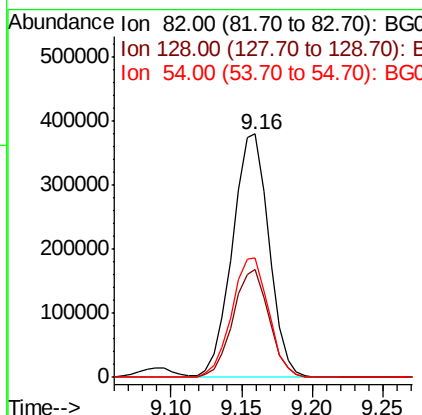
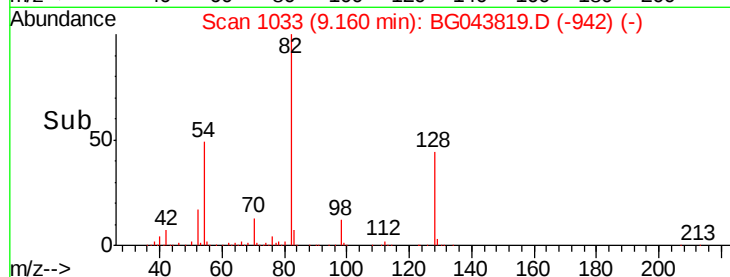
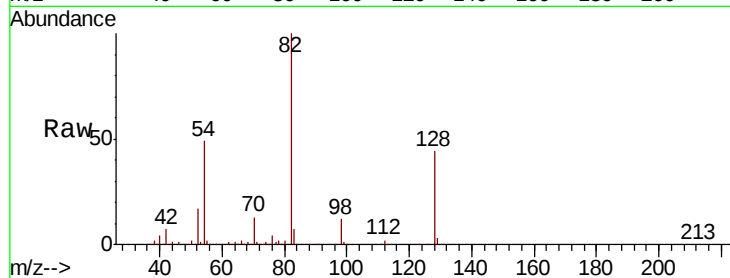




#23
Nitrobenzene-d5
Concen: 78.406 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

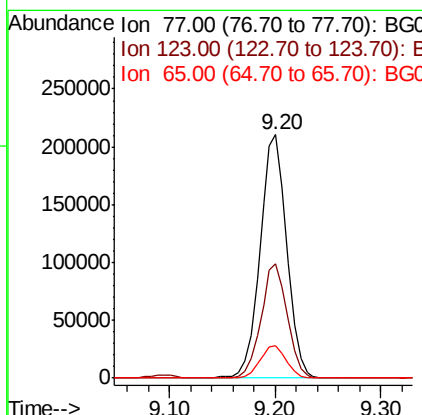
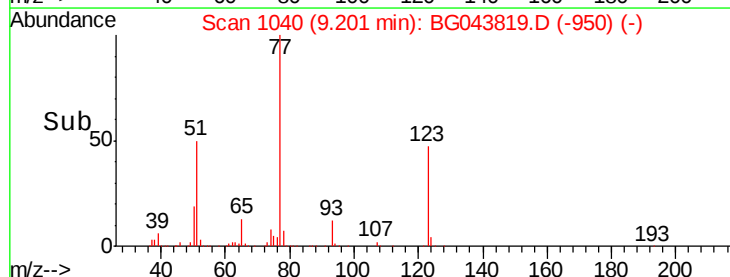
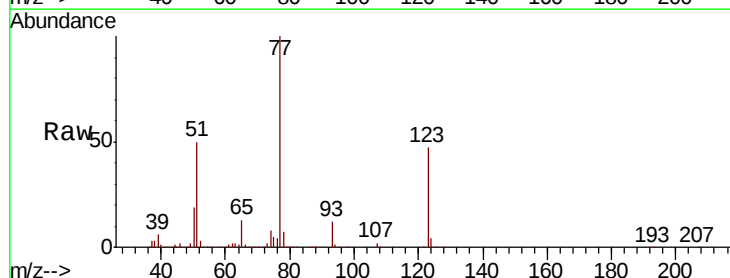
Instrument :
BNA_G
ClientSampleId :

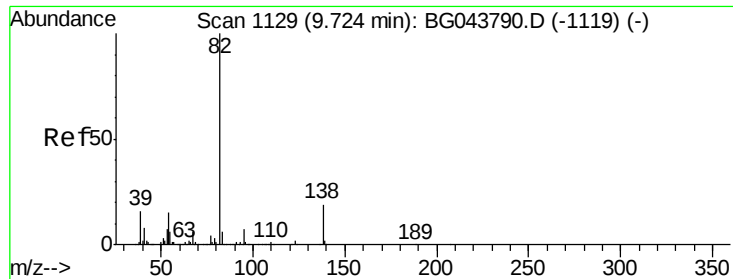
Tot Ion: 82 Resp: 687104
Ion Ratio Lower Upper
82 100
128 44.3 33.6 50.4
54 49.2 42.1 63.1



#24
Nitrobenzene
Concen: 41.312 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion: 77 Resp: 368767
Ion Ratio Lower Upper
77 100
123 46.9 36.6 55.0
65 13.4 9.8 14.6

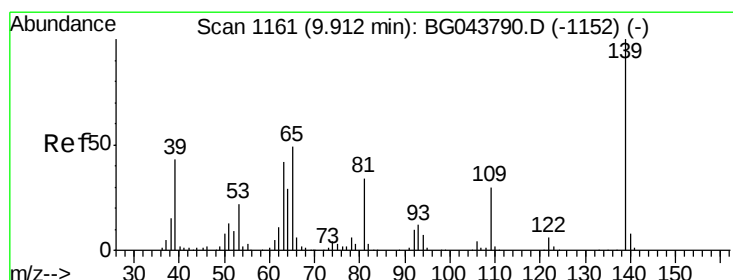
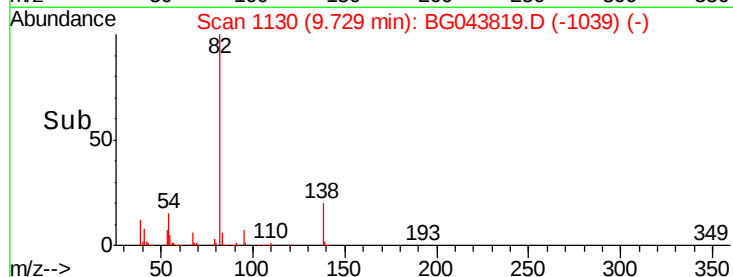
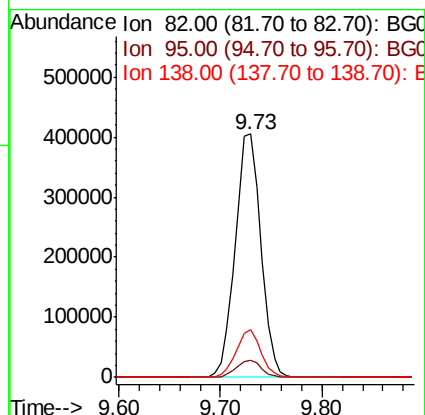
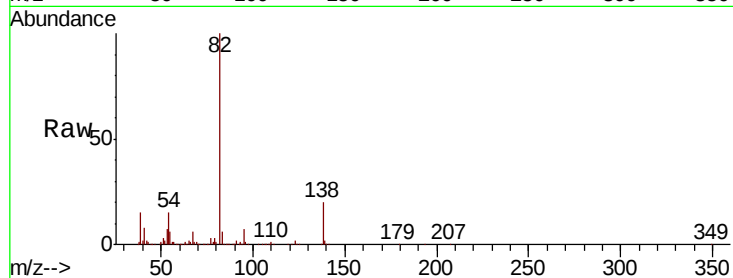




#25
Isophorone
Concen: 40.789 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

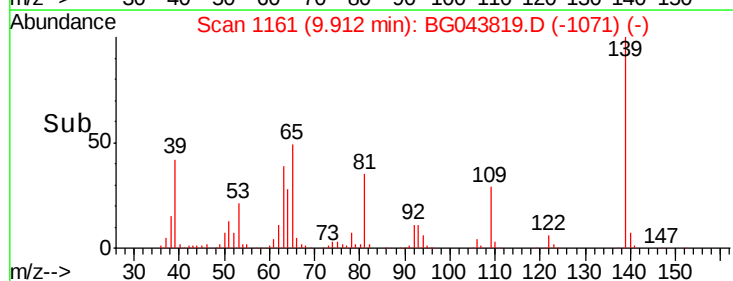
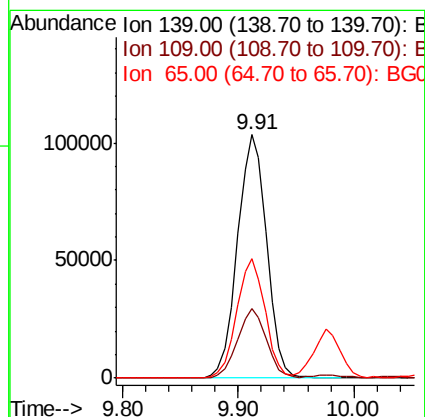
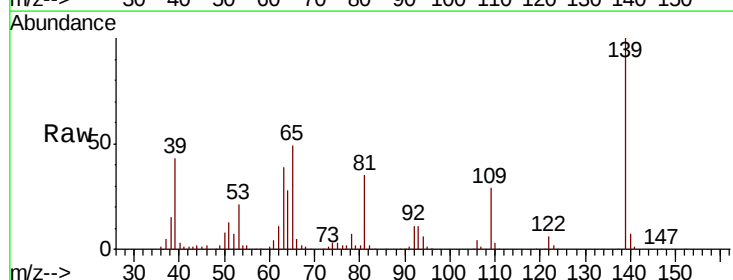
Instrument :
BNA_G
ClientSampled :

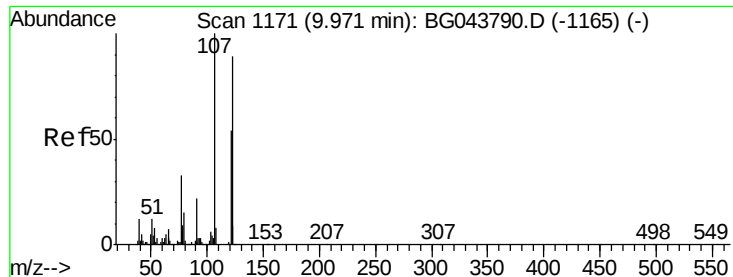
Tot Ion: 82 Resp: 713878
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.5 14.8 22.2



#26
2-Nitrophenol
Concen: 51.105 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion: 139 Resp: 180648
Ion Ratio Lower Upper
139 100
109 28.8 23.9 35.9
65 49.1 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 55.668 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

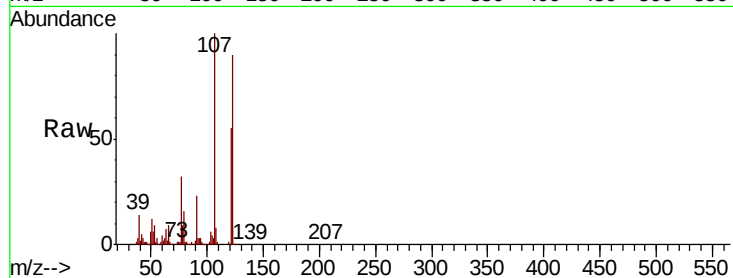
Tot Ion:122 Resp: 344290

Ion Ratio Lower Upper

122 100

107 110.7 90.0 135.0

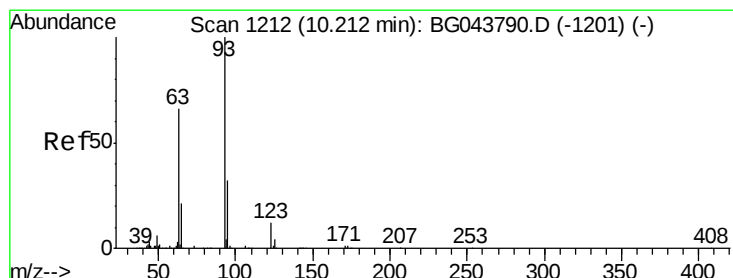
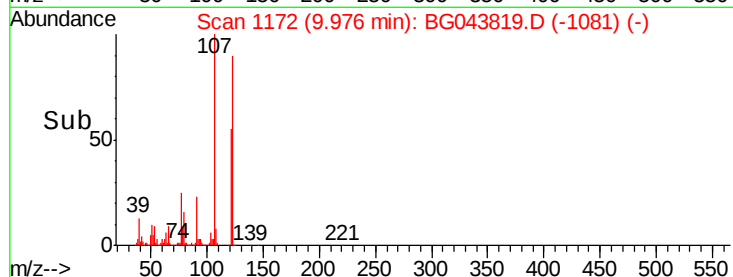
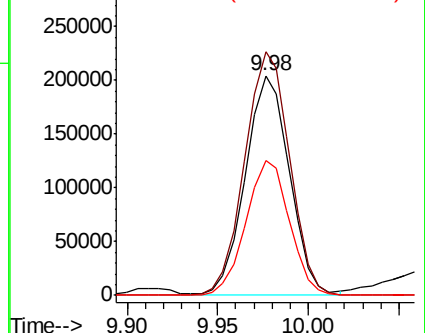
121 61.2 48.6 73.0



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: 39.498 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

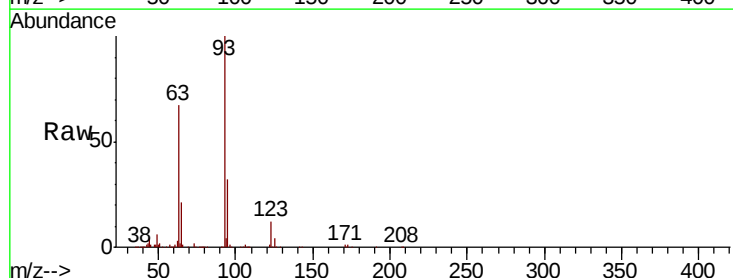
Tgt Ion: 93 Resp: 442493

Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

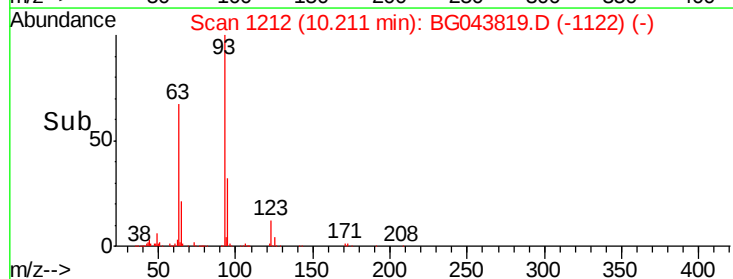
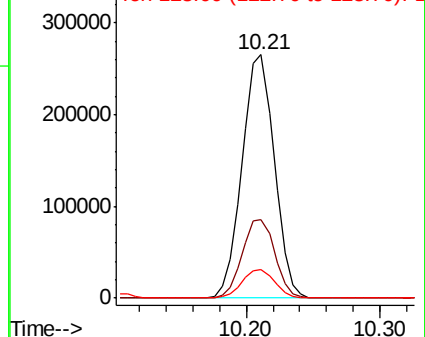
123 11.8 9.5 14.3

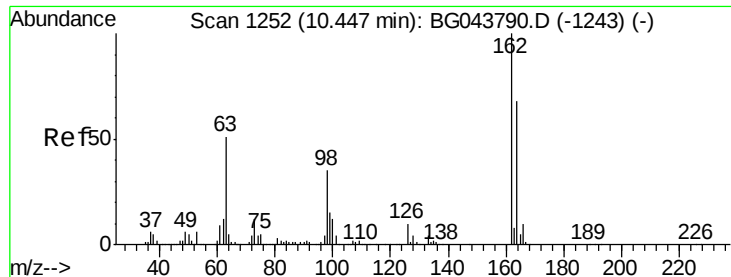


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

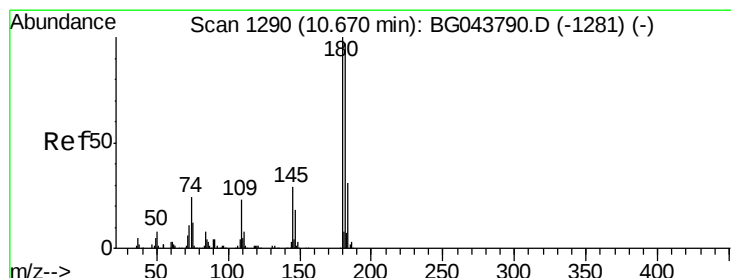
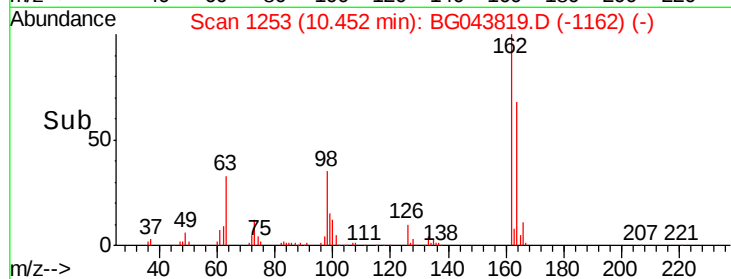
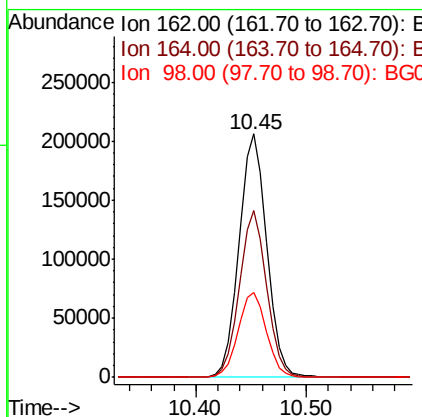
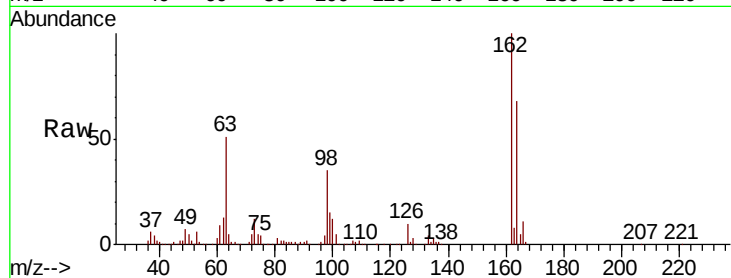




#29
 2,4-Dichlorophenol
 Concen: 47.897 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

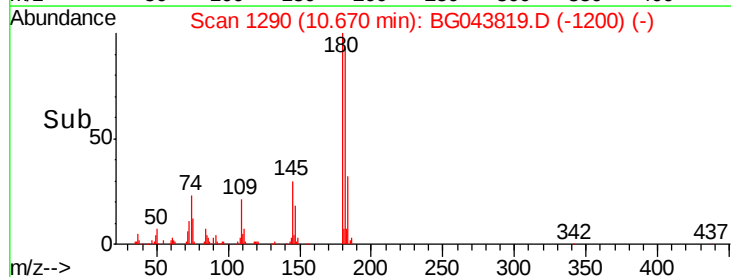
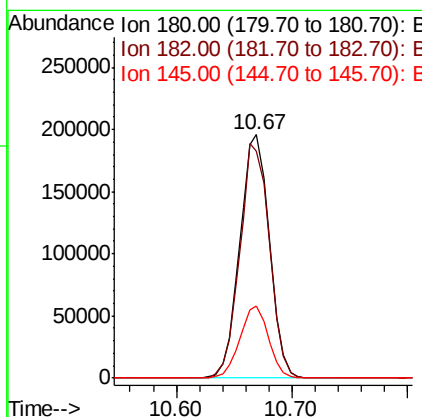
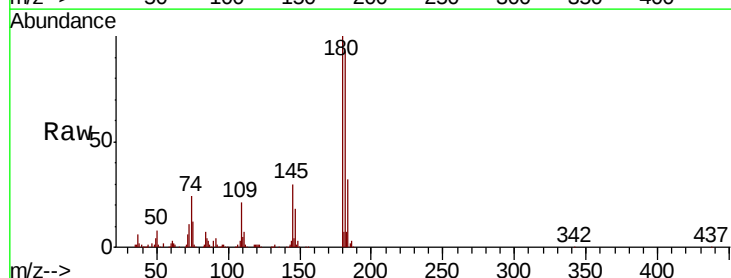
Instrument :
 BNA_G
 ClientSampleId :

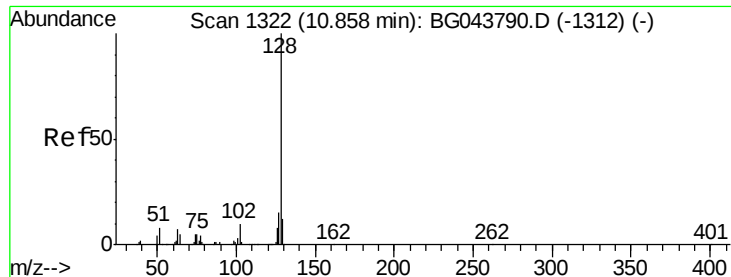
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	48.0	88.0
98	34.7	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 38.646 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.8	116.8
145	29.8	23.0	34.6

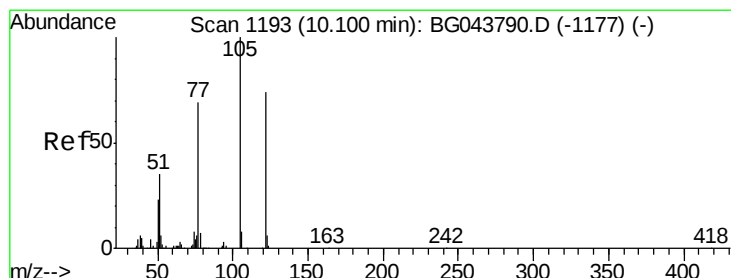
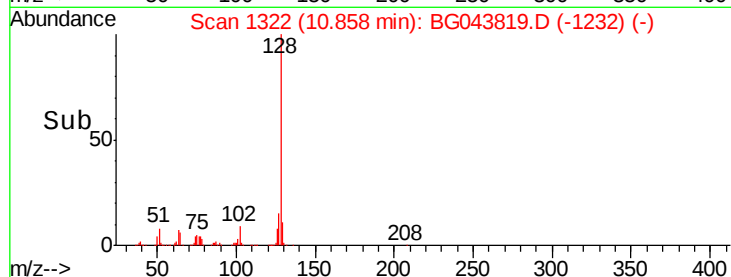
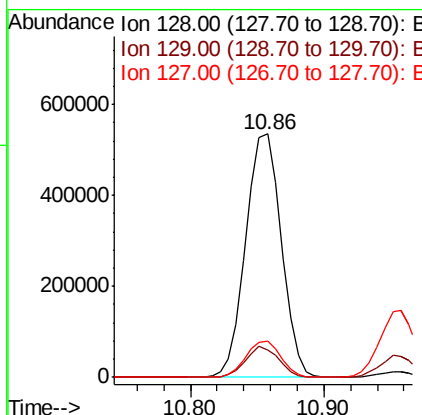
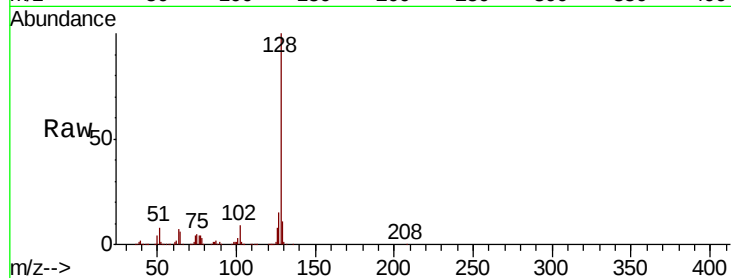




#31
Naphthalene
Concen: 41.770 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

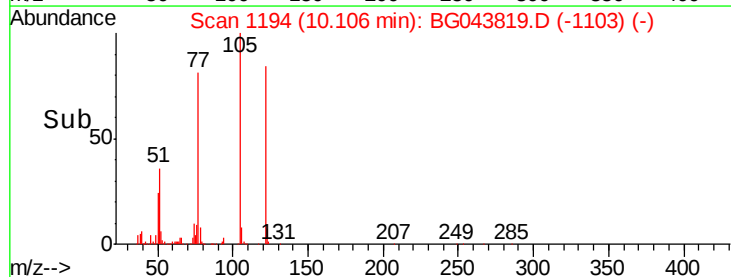
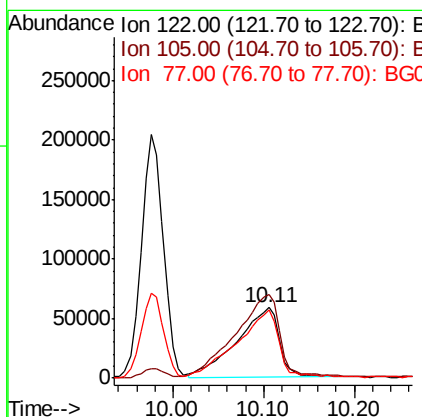
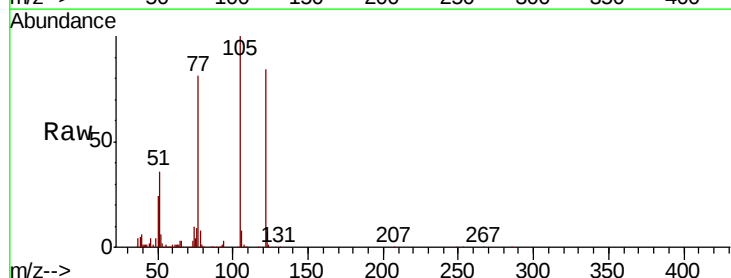
Instrument :
BNA_G
ClientSampleId :

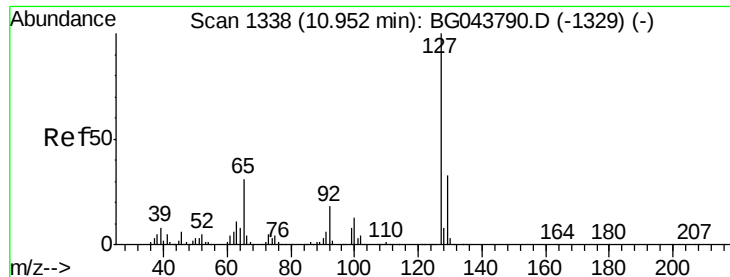
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	14.9	11.9	17.9



#32
Benzoic acid
Concen: 44.980 ng
RT: 10.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	107.5	147.5
77	96.3	71.7	111.7

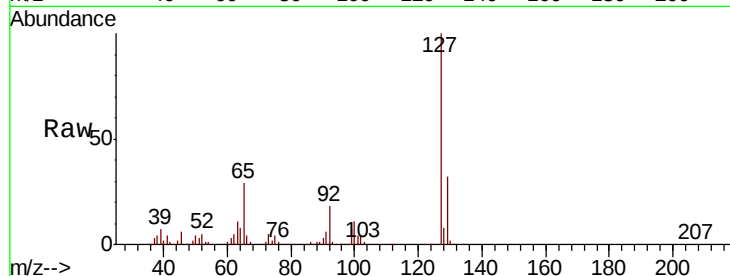




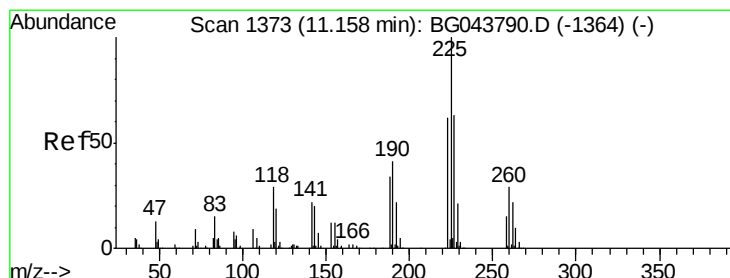
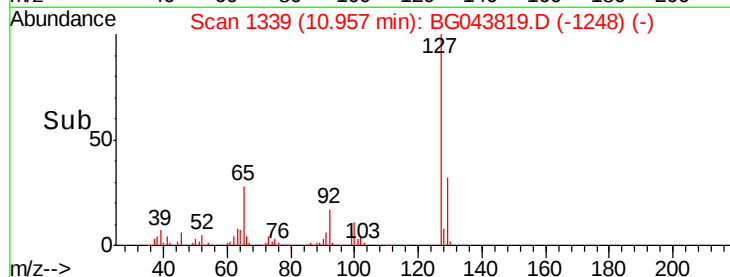
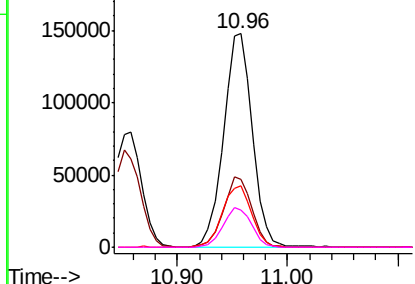
#33
4-Chloroaniline
Concen: 23.423 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	268125
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.1 39.1
65	28.5	24.4 36.6
92	17.6	14.6 22.0

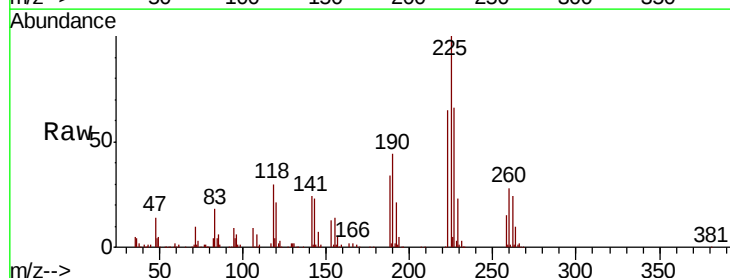


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

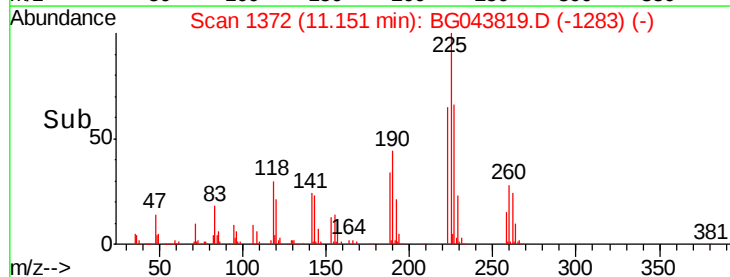
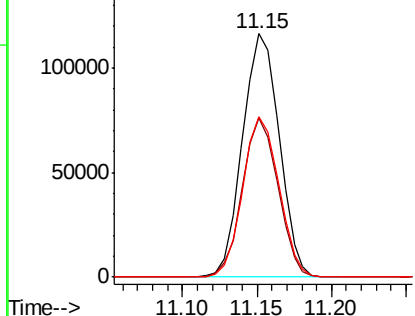


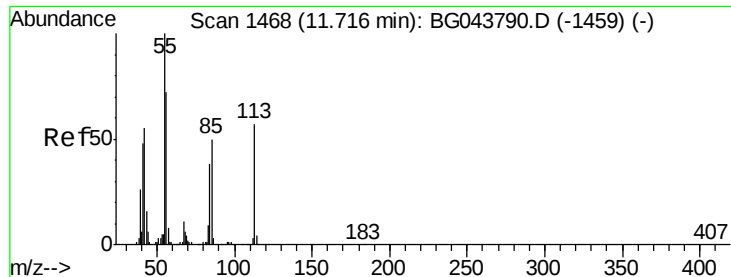
#34
Hexachlorobutadiene
Concen: 36.529 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:225	Resp:	198994
Ion Ratio	Lower	Upper
225	100	
223	65.1	49.3 73.9
227	66.1	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: 34.716 ng

RT: 11.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

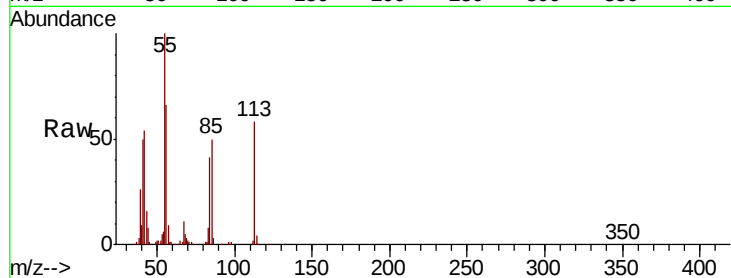
Tot Ion:113 Resp: 103476

Ion Ratio Lower Upper

113 100

55 172.6 154.2 194.2

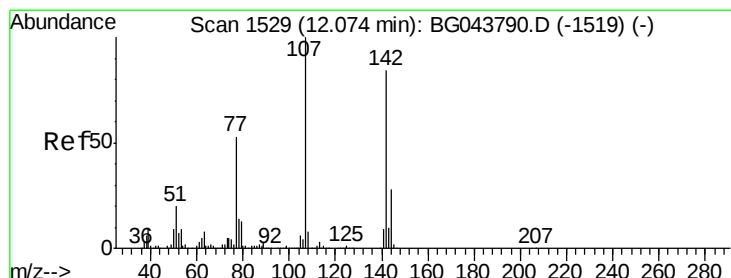
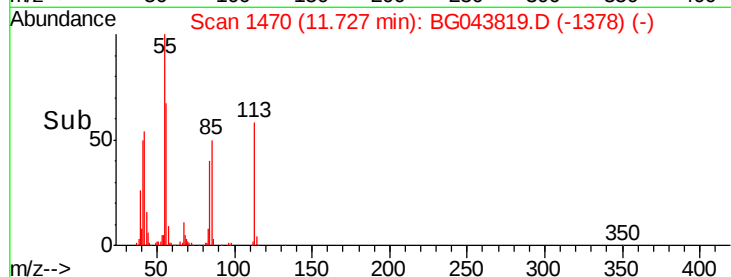
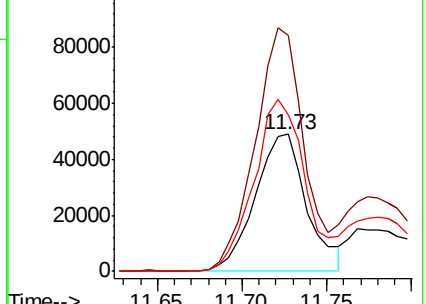
56 114.7 105.6 145.6



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: 49.109 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

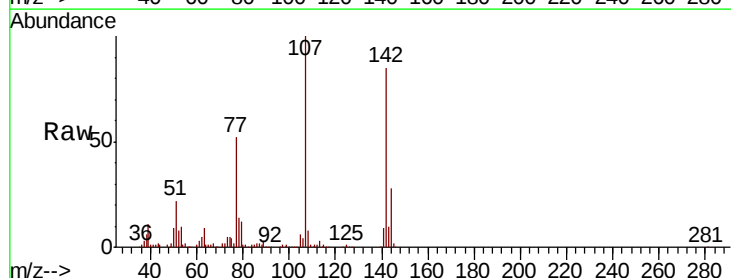
Tgt Ion:107 Resp: 401537

Ion Ratio Lower Upper

107 100

144 27.9 22.2 33.4

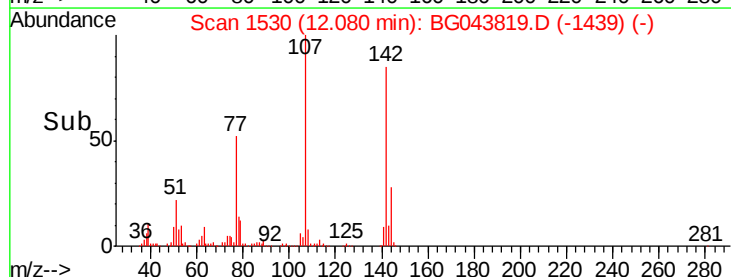
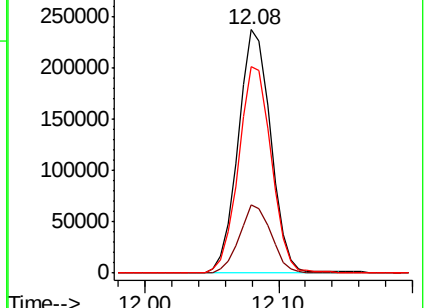
142 85.0 67.0 100.6

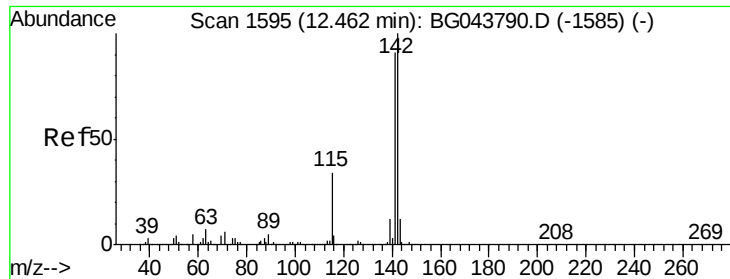


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

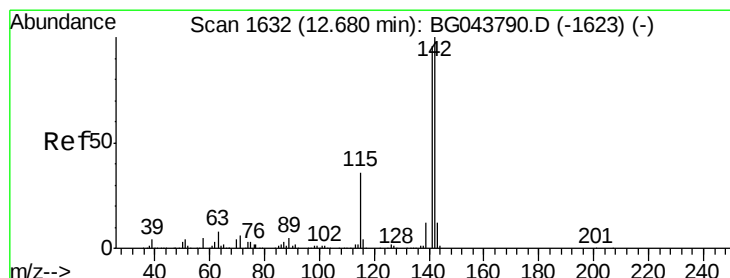
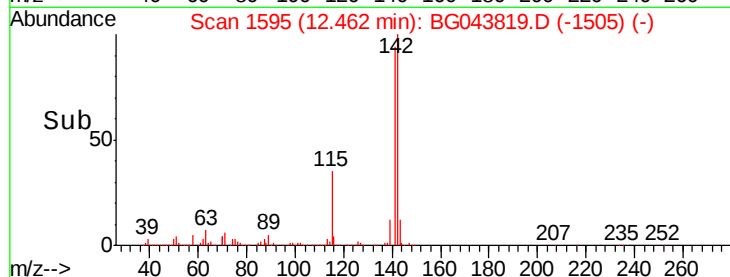
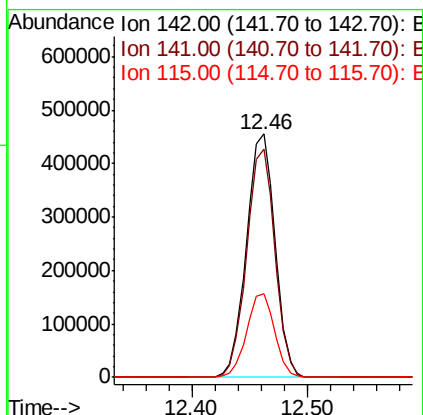
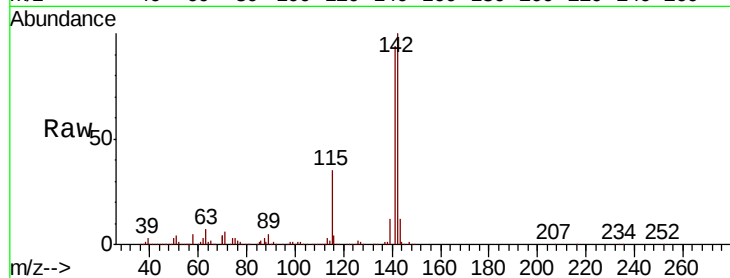




#37
 2-Methylnaphthalene
 Concen: 42.880 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

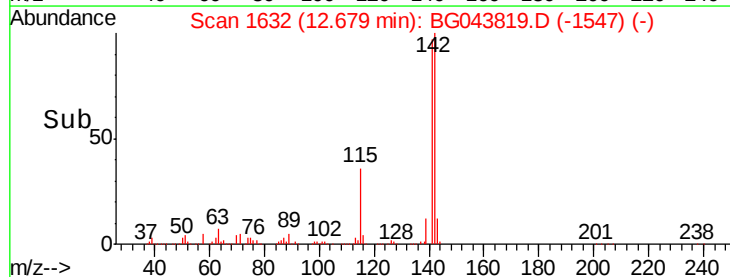
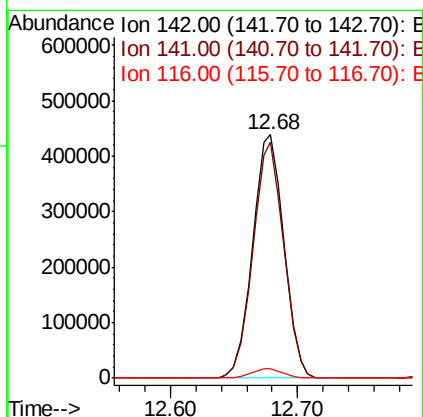
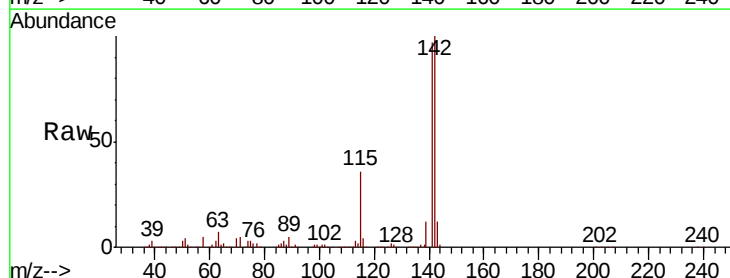
Instrument :
 BNA_G
 ClientSampleId :

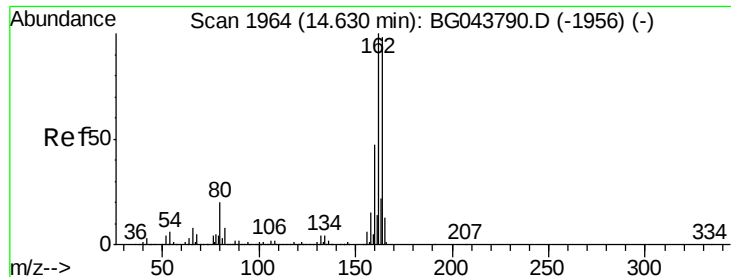
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.2	109.8
115	34.5	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 43.245 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.0	76.9	115.3
116	3.8	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: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

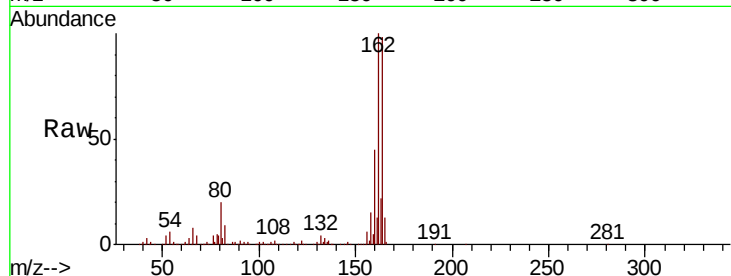
Tot Ion:164 Resp: 377712

Ion Ratio Lower Upper

164 100

162 101.7 81.9 122.9

160 45.8 38.3 57.5

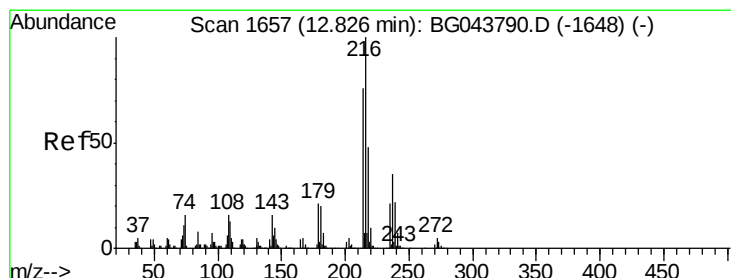
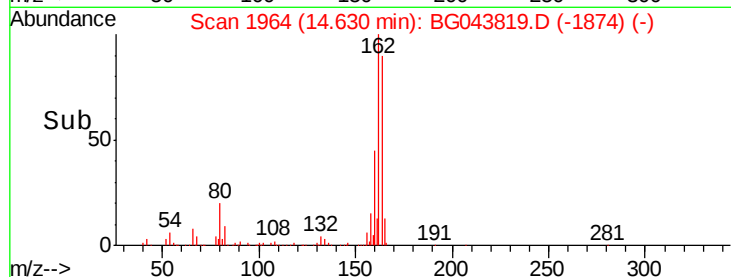
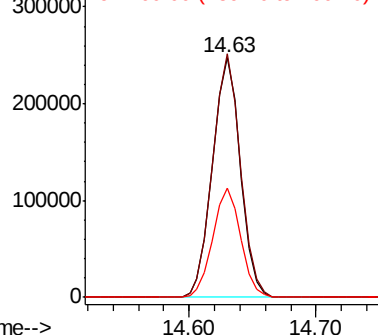


Abundance

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: 35.452 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:216 Resp: 402377

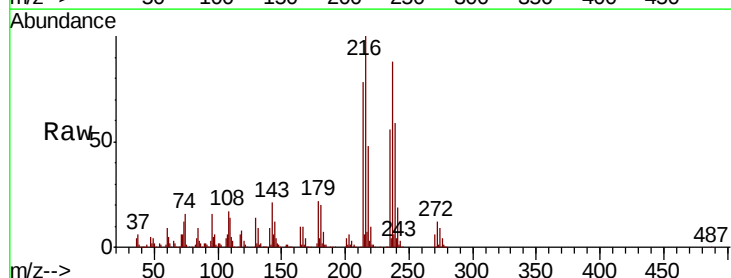
Ion Ratio Lower Upper

216 100

214 77.0 62.2 93.4

179 20.9 16.6 25.0

108 18.8 13.7 20.5



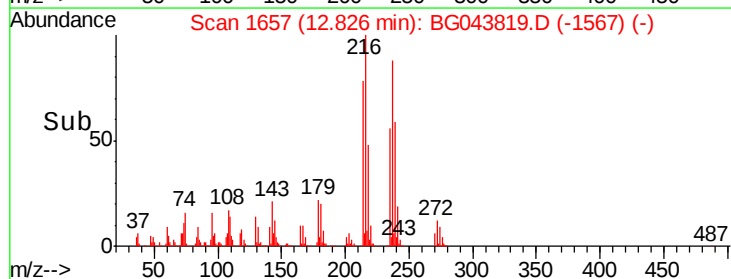
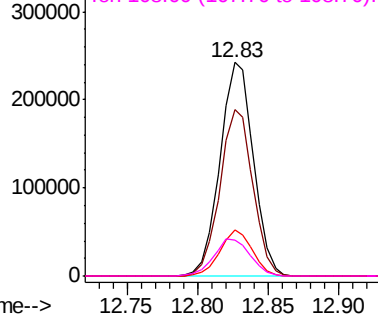
Abundance

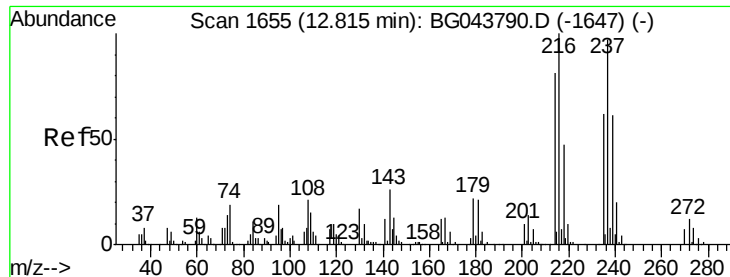
Ion 216.00 (215.70 to 216.70): E

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: 97.577 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

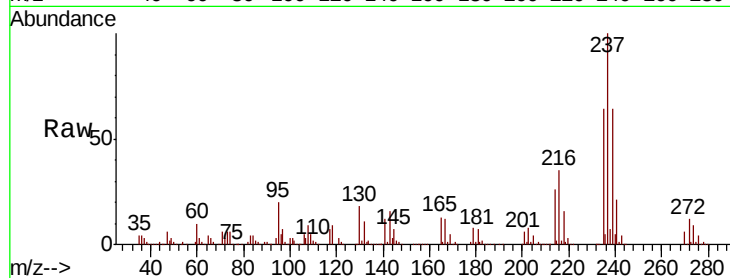
Tot Ion:237 Resp: 519823

Ion Ratio Lower Upper

237 100

235 64.1 43.9 83.9

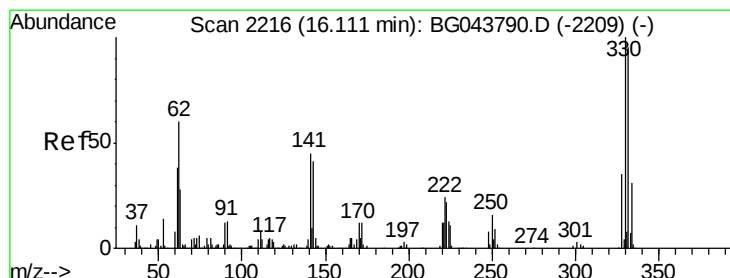
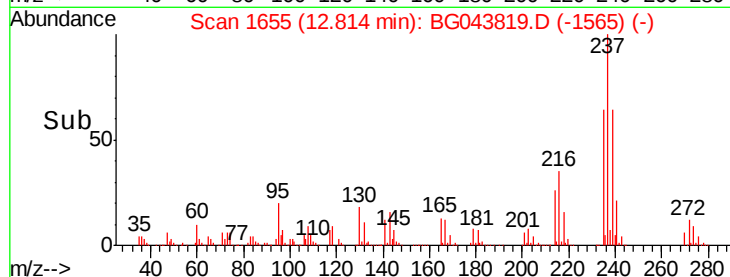
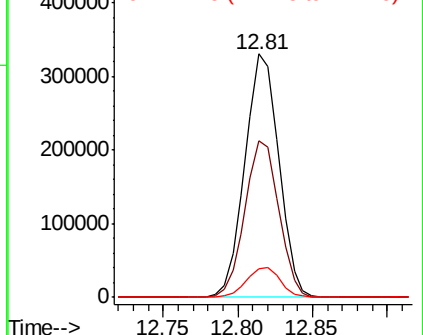
272 11.9 0.0 32.0



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: 131.724 ng

RT: 16.12 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

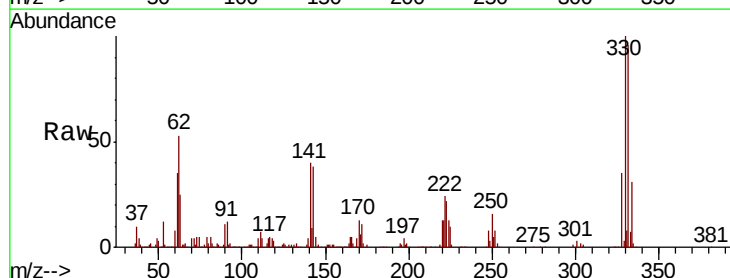
Tgt Ion:330 Resp: 474327

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

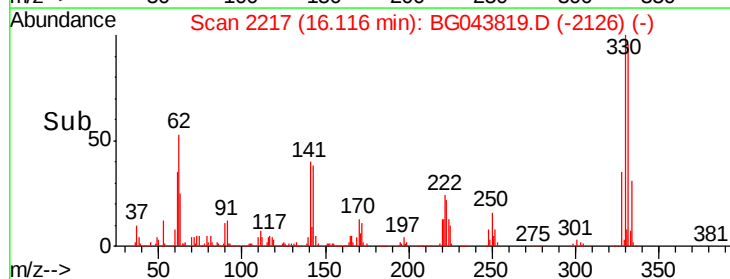
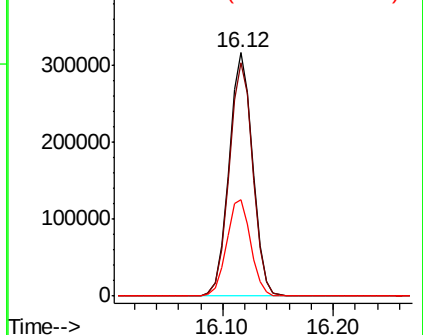
141 40.7 33.8 50.8

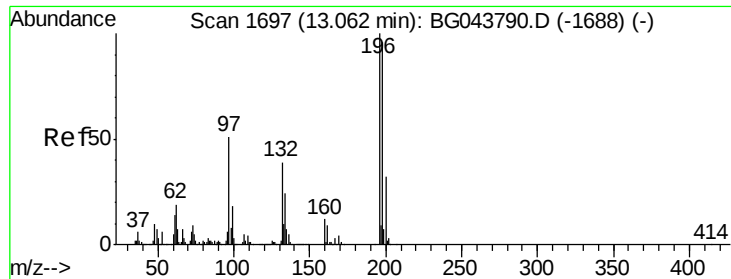


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

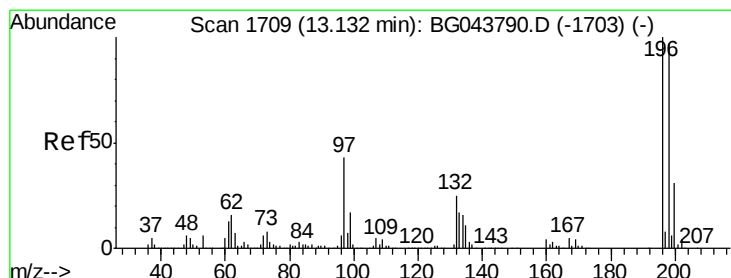
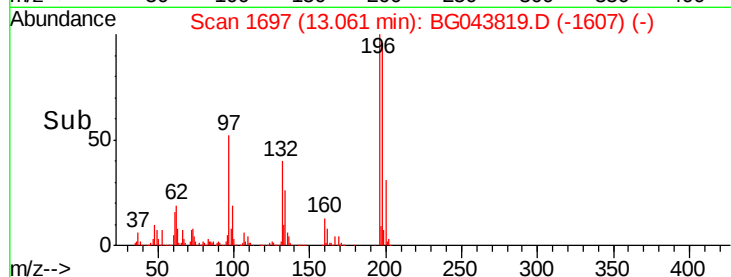
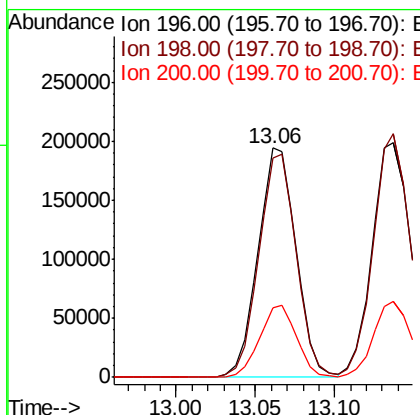
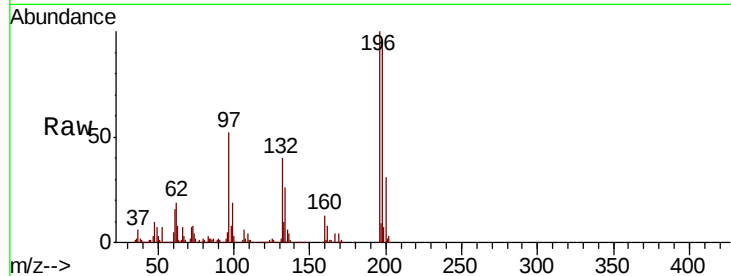




#43
 2,4,6-Trichlorophenol
 Concen: 44.938 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

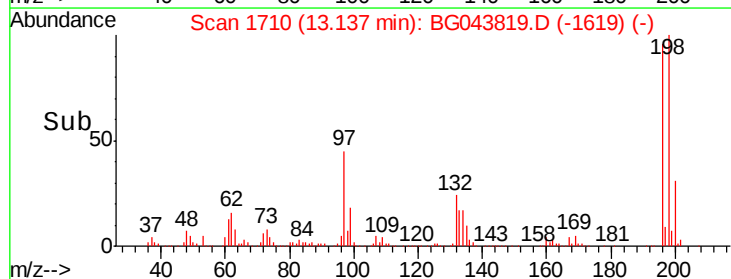
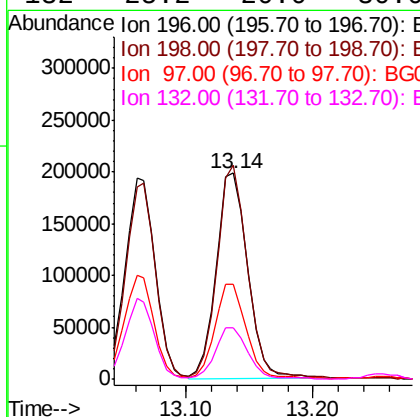
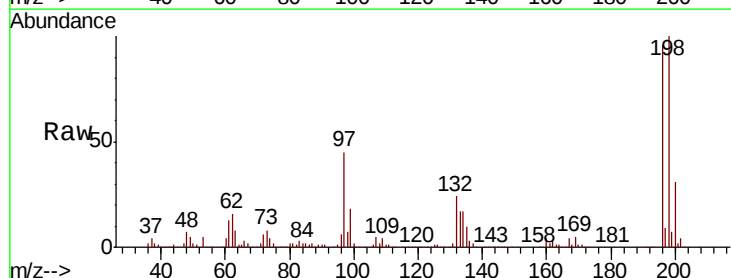
Instrument :
 BNA_G
 ClientSampleId :

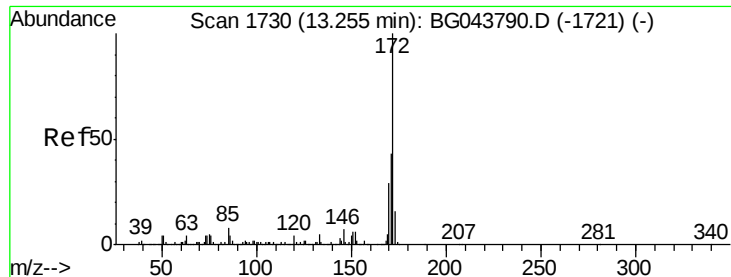
Tot Ion	196	Resp	324183
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.0	115.6
200	30.6	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.292 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion	196	Resp	342308
Ion Ratio	Lower	Upper	
196	100		
198	103.9	77.4	116.0
97	46.4	34.7	52.1
132	25.2	20.0	30.0



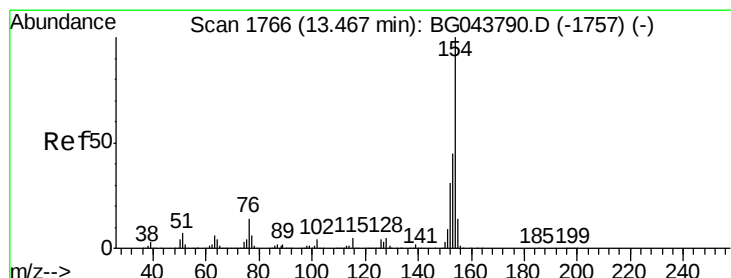
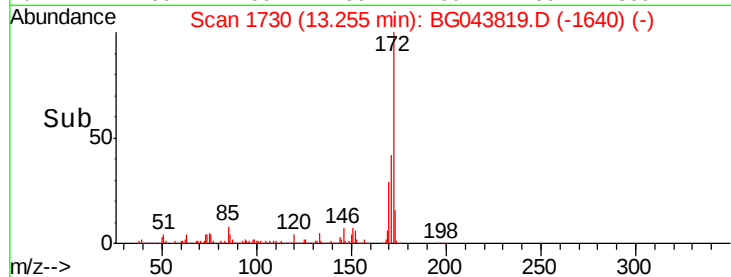
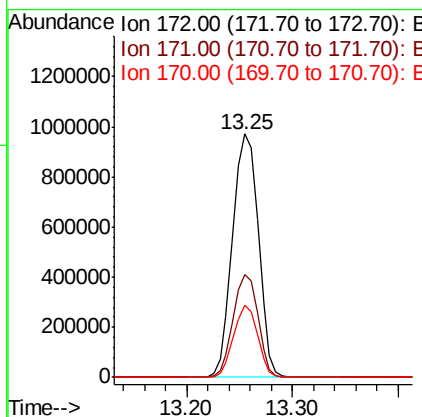
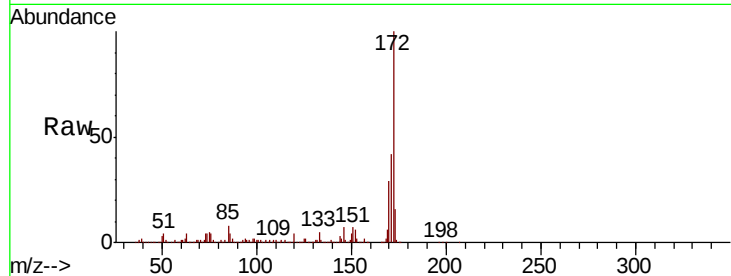


#45
2-Fluorobiphenyl
Concen: 76.149 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1637422

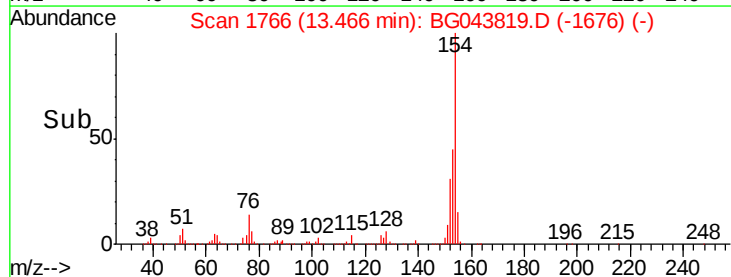
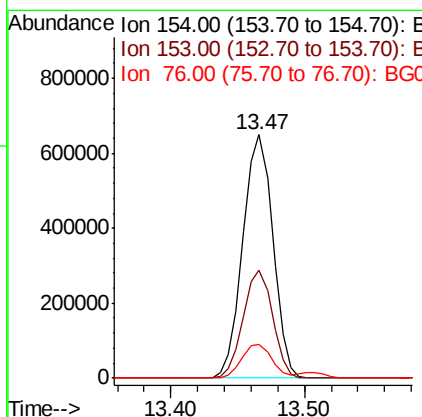
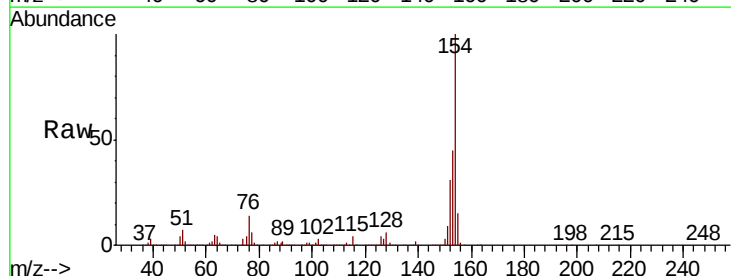
Ion	Ratio	Lower	Upper
172	100		
171	42.4	34.6	51.8
170	29.5	23.3	34.9

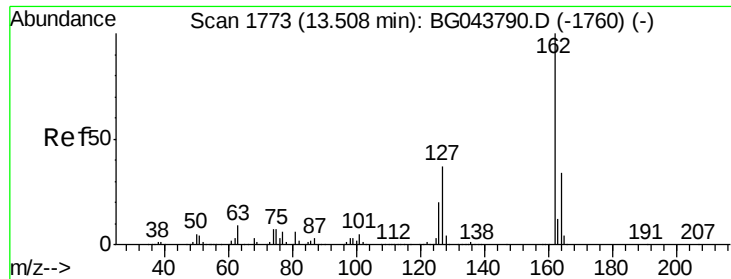


#46
1,1'-Biphenyl
Concen: 38.836 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:154 Resp: 1011274

Ion	Ratio	Lower	Upper
154	100		
153	44.6	24.5	64.5
76	14.1	0.0	33.9

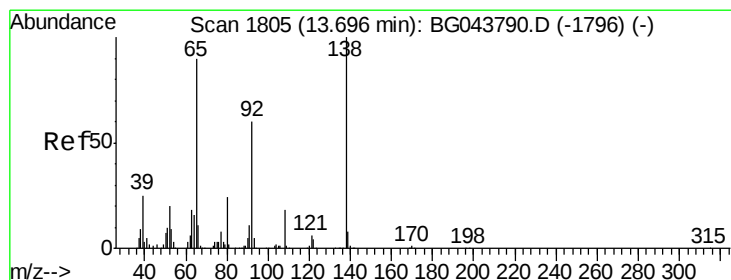
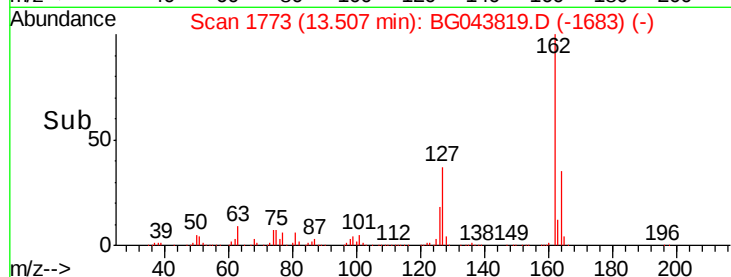
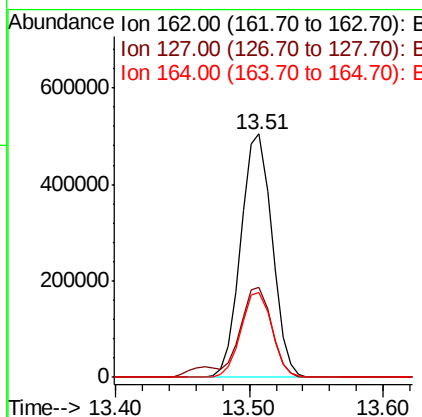
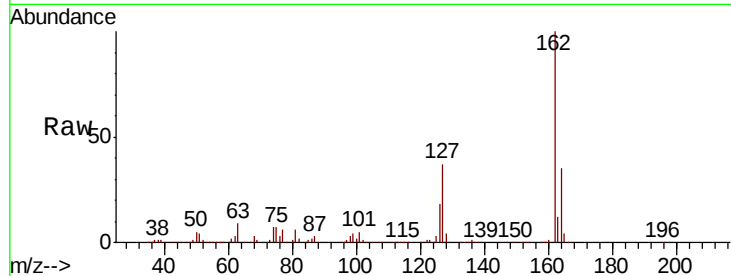




#47
2-Chloronaphthalene
Concen: 38.446 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

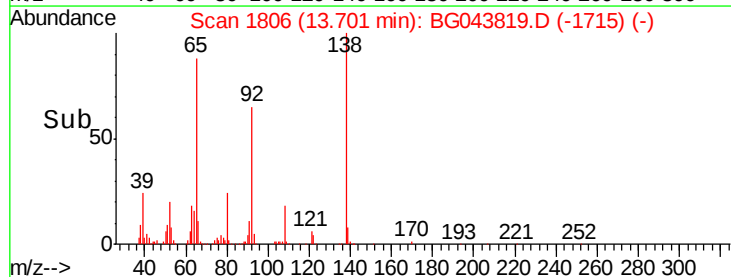
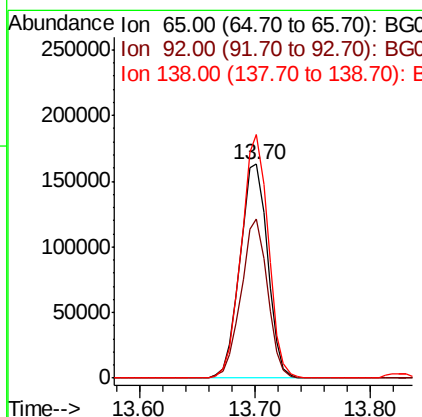
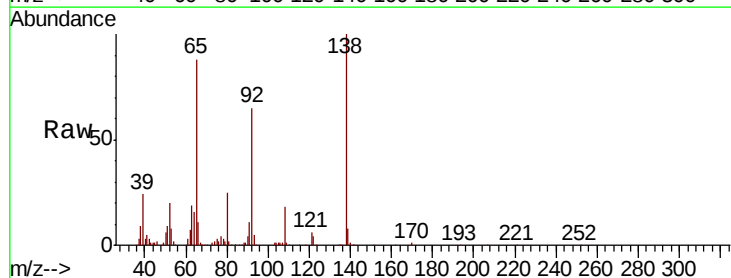
Instrument :
BNA_G
ClientSampleId :

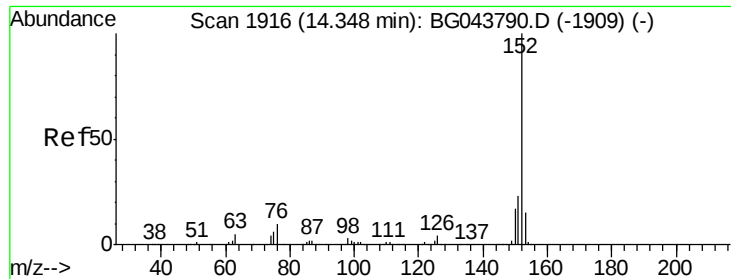
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.0	45.0
164	34.7	27.6	41.4



#48
2-Nitroaniline
Concen: 43.263 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	53.7	80.5
138	114.0	88.8	133.2





#49

Acenaphthylene

Concen: 41.862 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

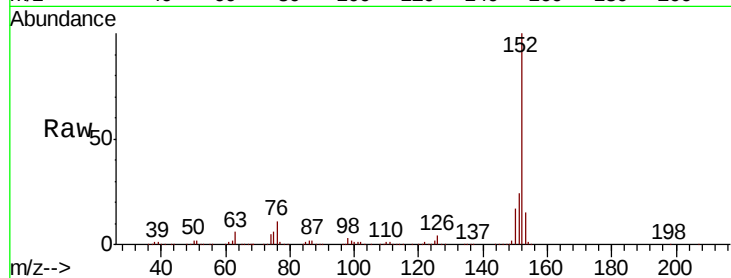
Tot Ion:152 Resp: 1327513

Ion Ratio Lower Upper

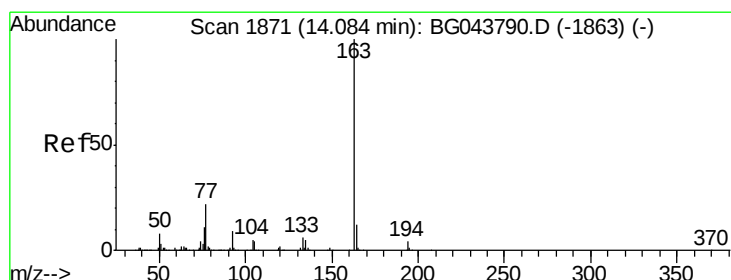
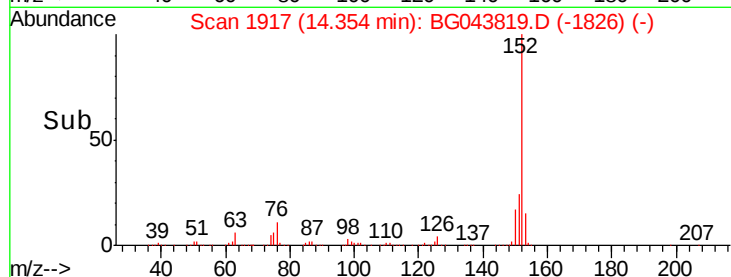
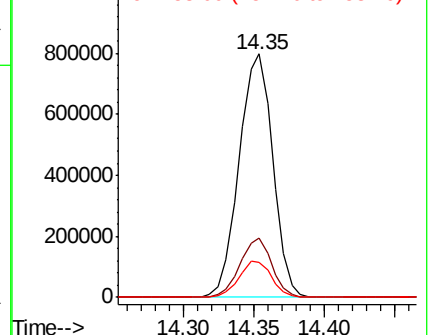
152 100

151 24.4 18.5 27.7

153 14.6 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: 40.444 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

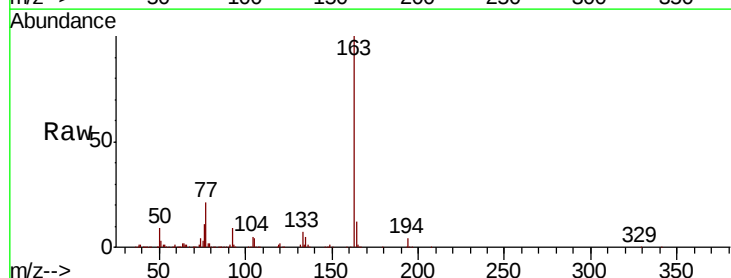
Tgt Ion:163 Resp: 1090338

Ion Ratio Lower Upper

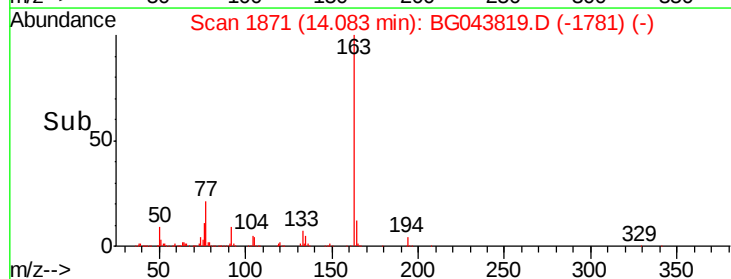
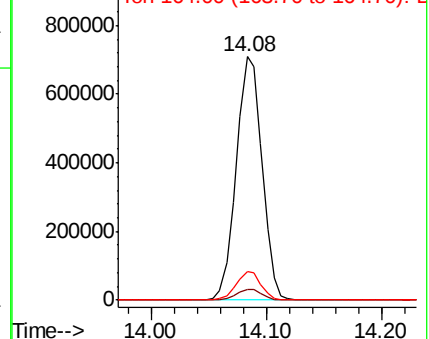
163 100

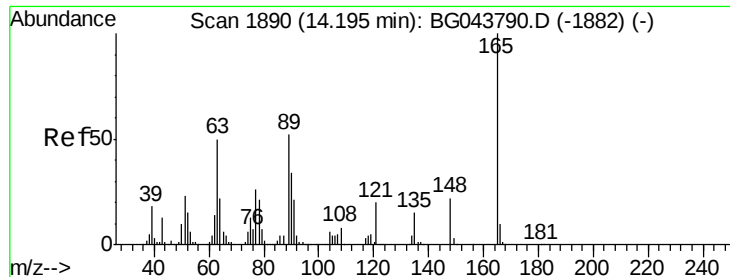
194 4.5 3.6 5.4

164 11.8 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: 44.345 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampled :

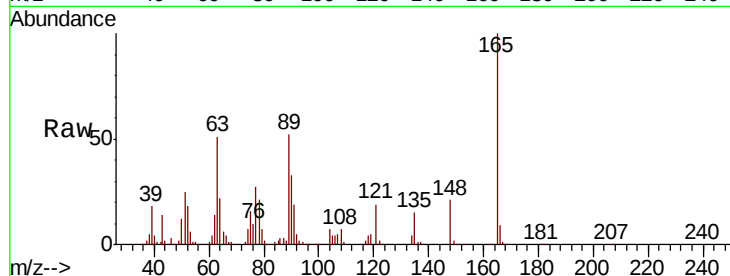
Tot Ion:165 Resp: 257632

Ion Ratio Lower Upper

165 100

63 50.9 40.3 60.5

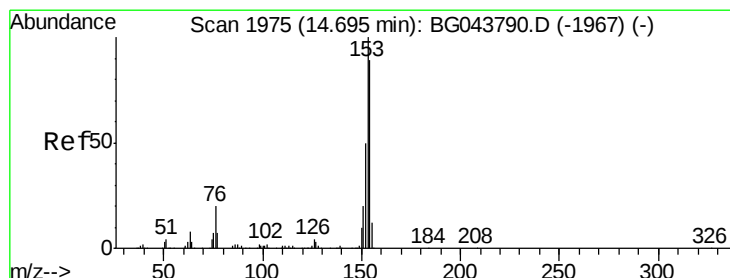
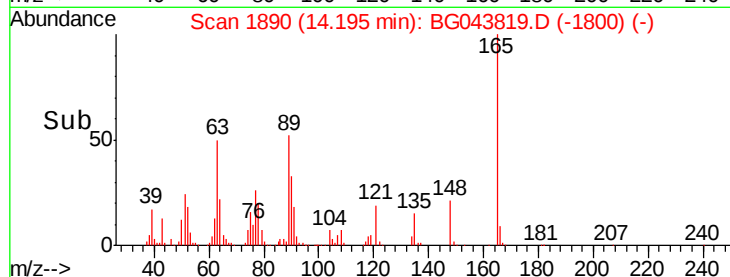
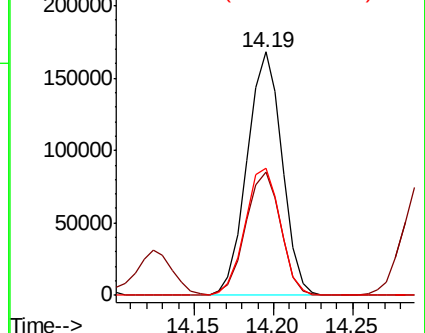
89 52.2 41.8 62.8



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: 44.480 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

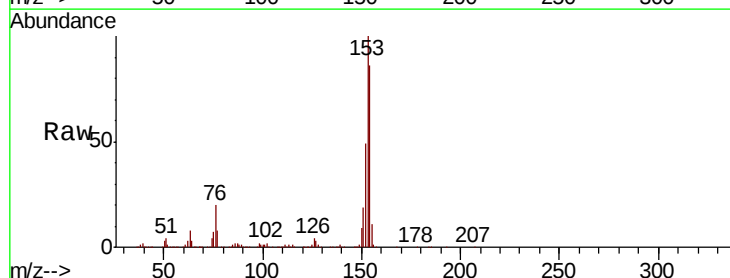
Tgt Ion:154 Resp: 927925

Ion Ratio Lower Upper

154 100

153 116.2 89.5 134.3

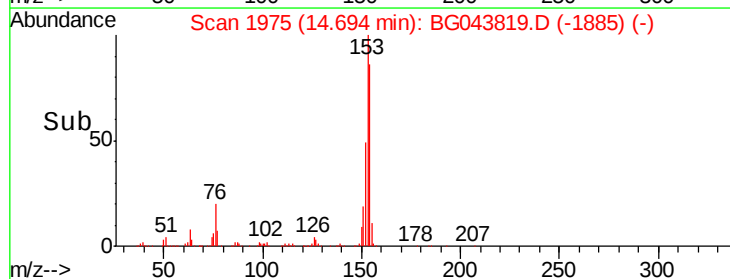
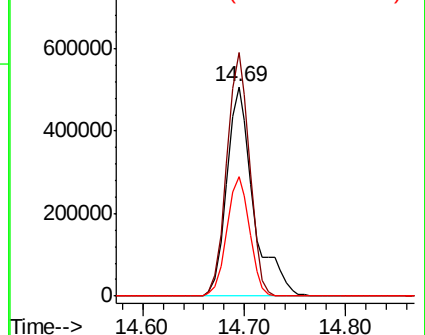
152 56.9 45.0 67.4

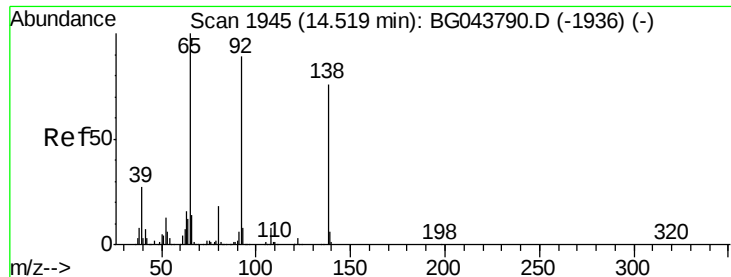


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

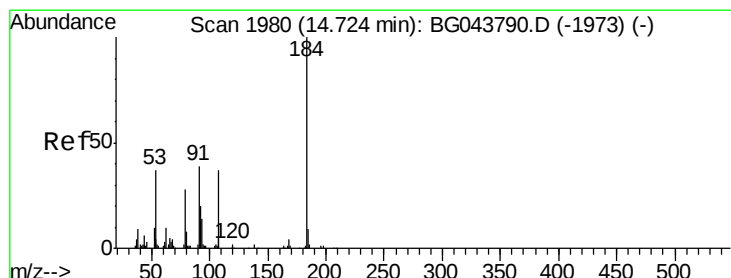
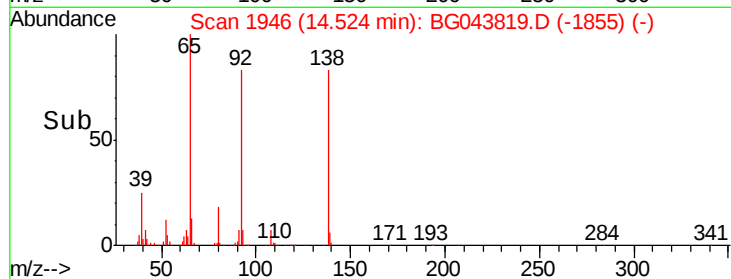
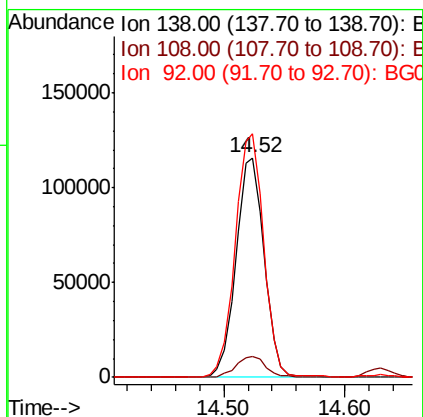
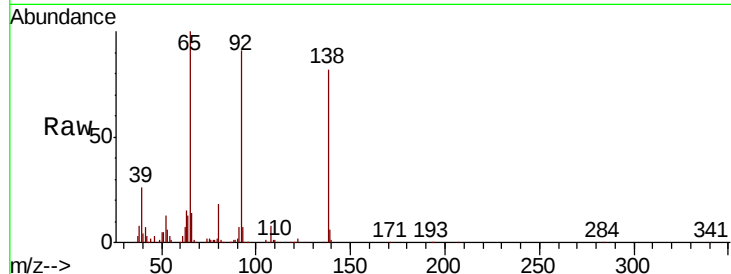




#53
3-Nitroaniline
Concen: 28.367 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

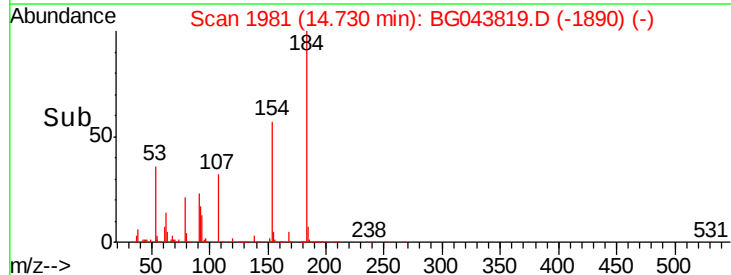
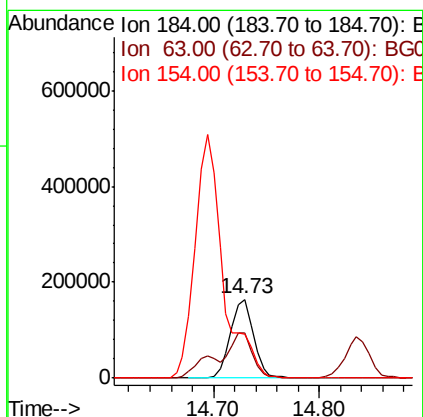
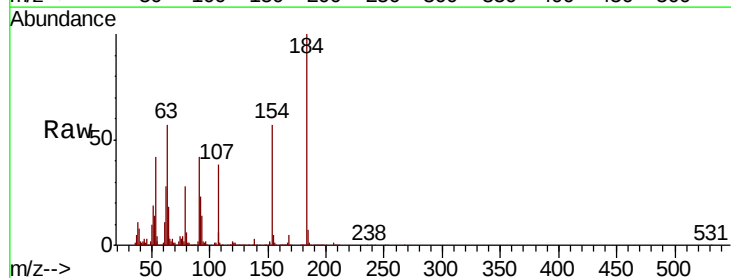
Instrument :
BNA_G
ClientSampleId :

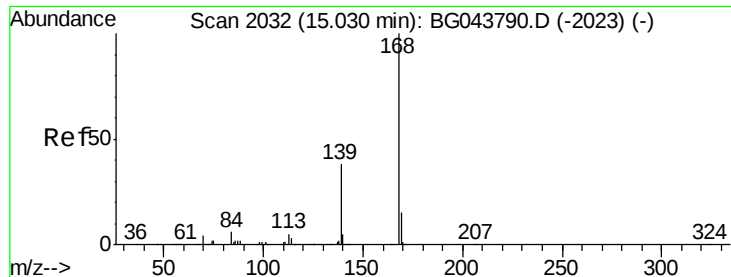
Tot Ion:138 Resp: 188594
Ion Ratio Lower Upper
138 100
108 9.2 8.1 12.1
92 110.8 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 96.750 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:184 Resp: 250075
Ion Ratio Lower Upper
184 100
63 57.0 43.4 65.0
154 56.7 54.8 82.2

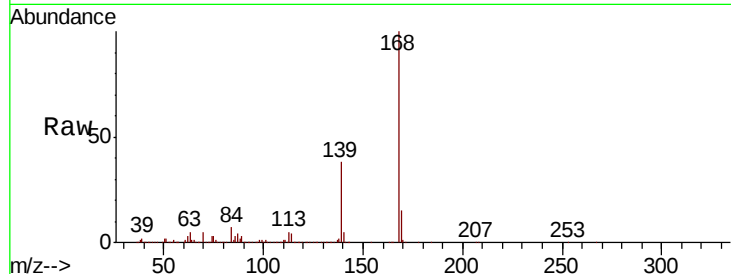




#55
Dibenzenofuran
Concen: 42.096 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.4	45.6
169	15.2	12.0	18.0

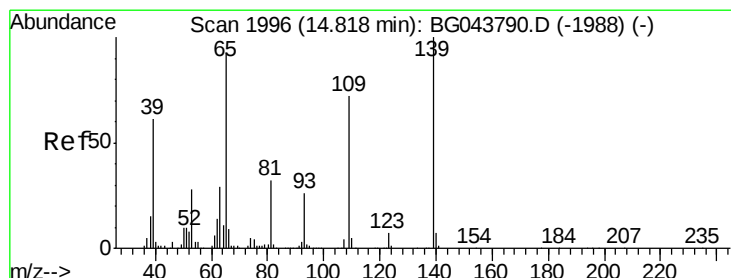
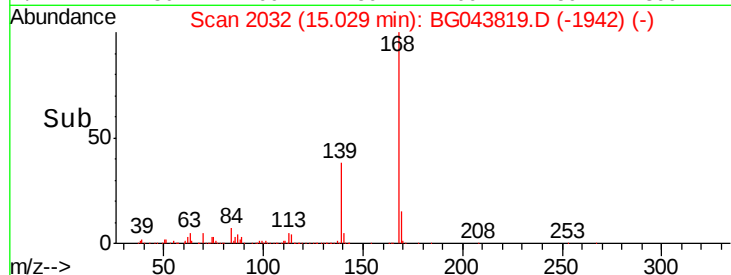
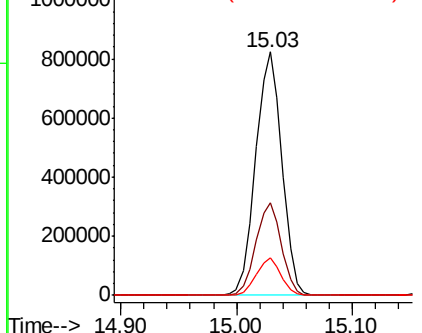


Abundance

Ion 168.00 (167.70 to 168.70): E

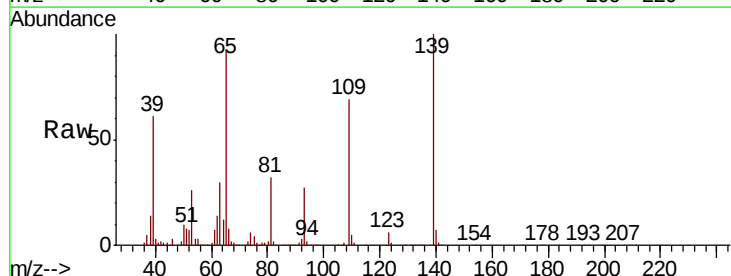
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 100.489 ng
RT: 14.84 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	51.5	91.5
65	93.3	73.7	113.7

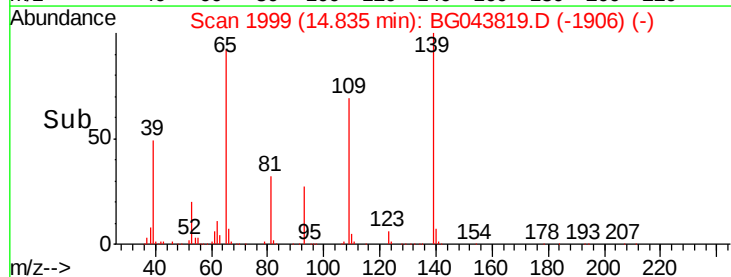
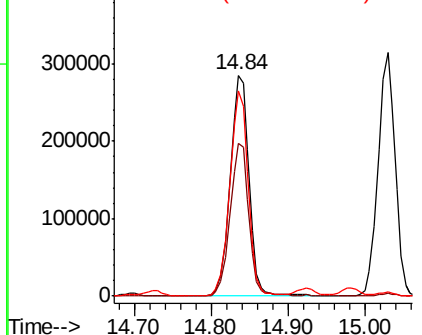


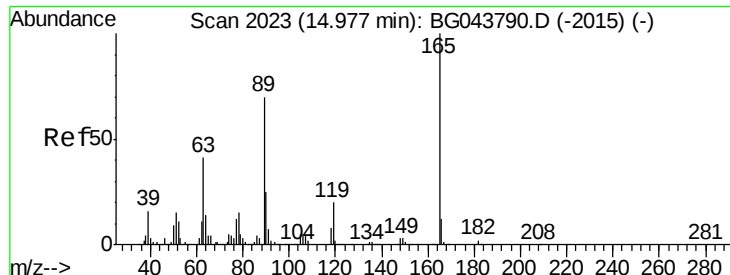
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

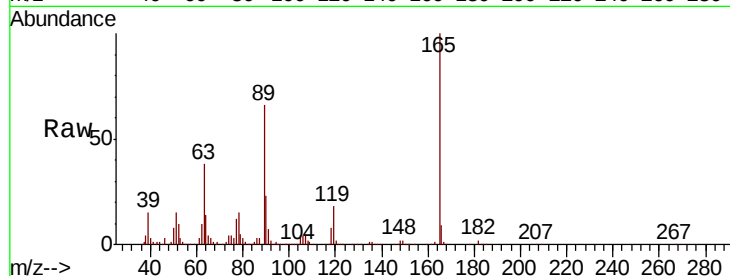




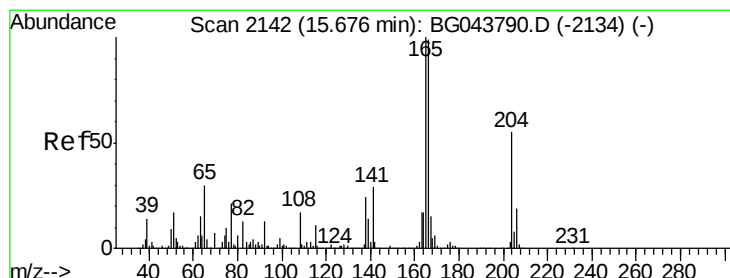
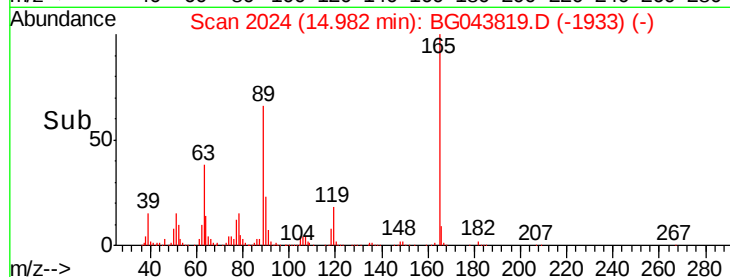
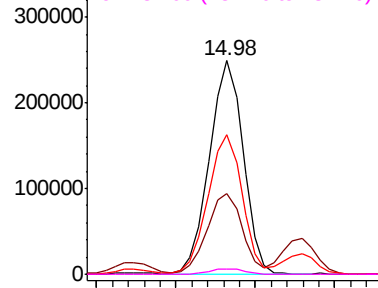
#57
 2,4-Dinitrotoluene
 Concen: 47.045 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	369314
Ion	Ratio	Lower Upper
165	100	
63	37.7	32.7 49.1
89	65.6	56.1 84.1
182	2.4	2.0 3.0

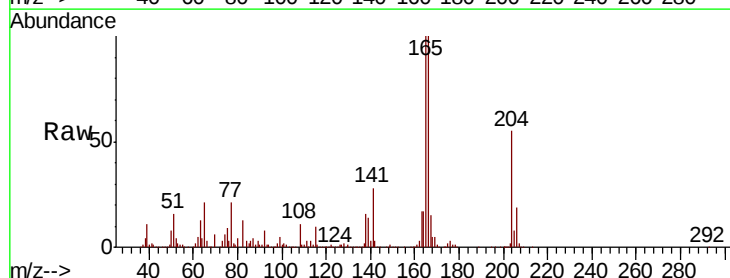


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

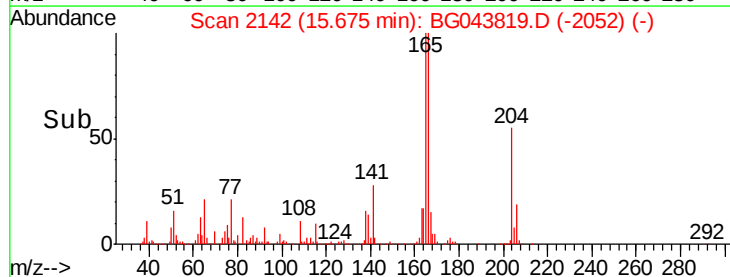
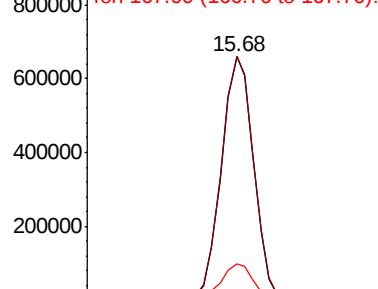


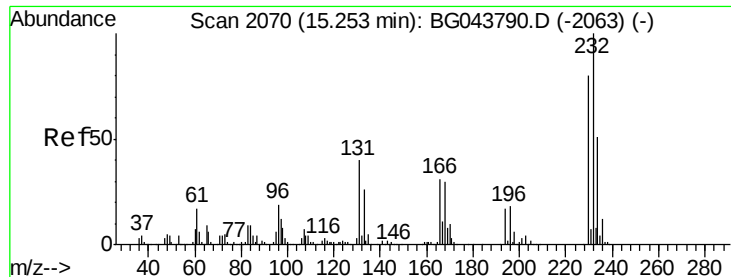
#58
 Fluorene
 Concen: 42.457 ng
 RT: 15.68 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion:166	Resp:	1056782
Ion	Ratio	Lower Upper
166	100	
165	100.1	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

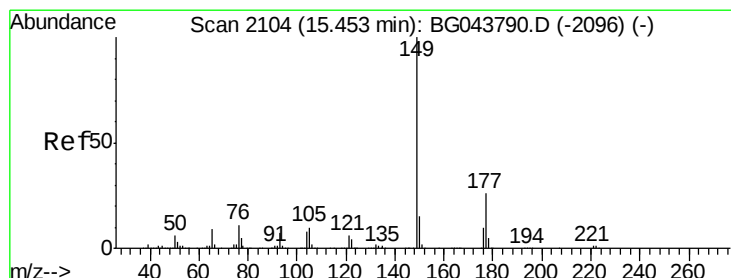
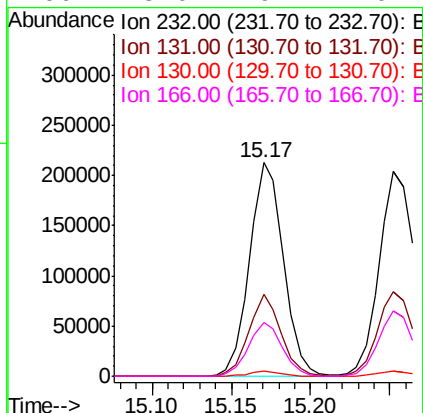
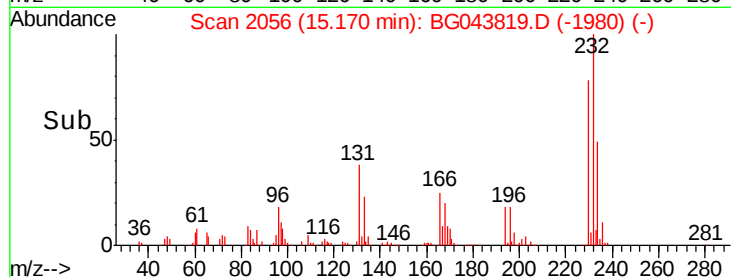
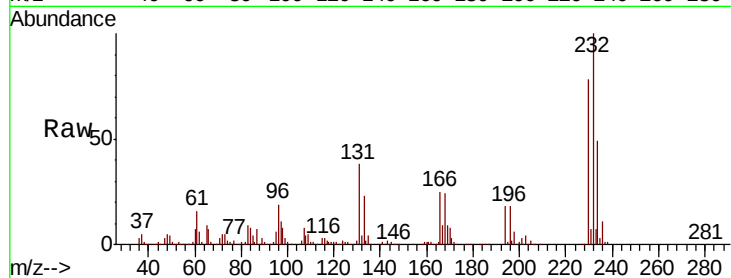




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.724 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.08 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

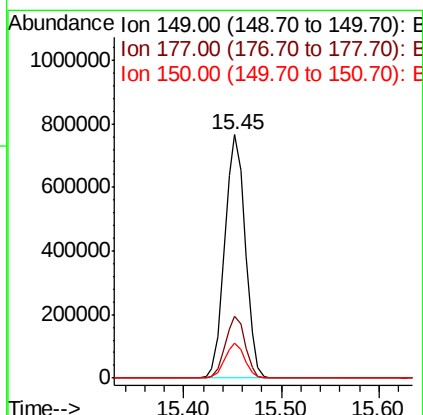
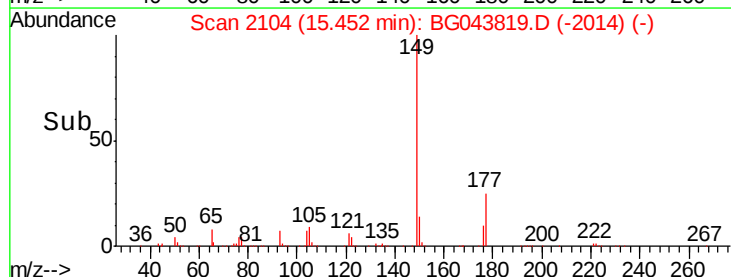
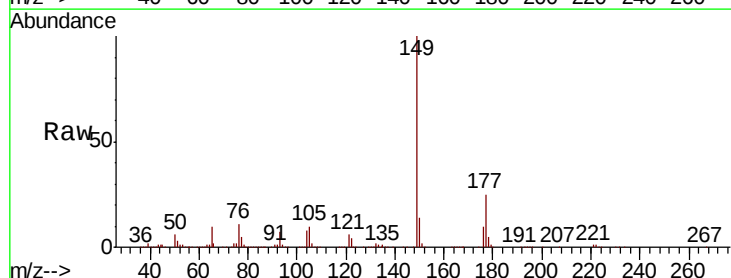
Instrument :
 BNA_G
 ClientSampleId :

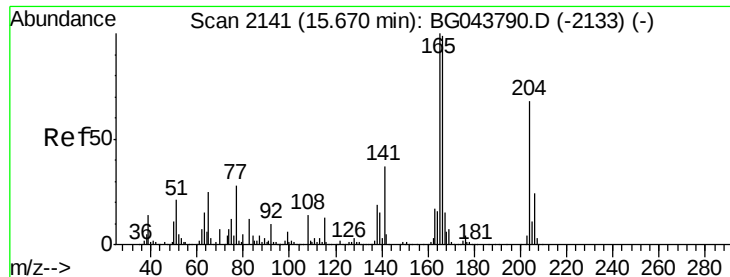
Tot Ion:232	Resp:	316842
Ion	Ratio	Lower Upper
232	100	
131	36.2	27.9 41.9
130	2.4	1.8 2.8
166	25.0	19.4 29.2



#60
 Diethylphthalate
 Concen: 41.325 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion:149	Resp:	1112836
Ion	Ratio	Lower Upper
149	100	
177	25.3	20.4 30.6
150	14.5	11.6 17.4

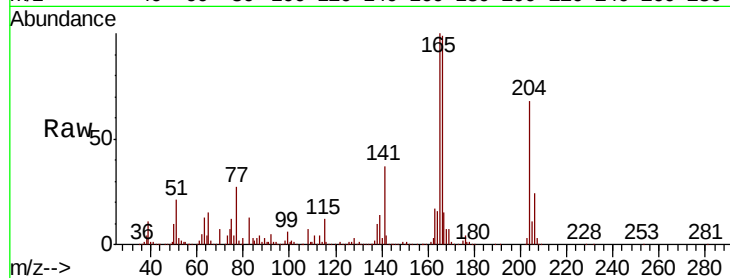




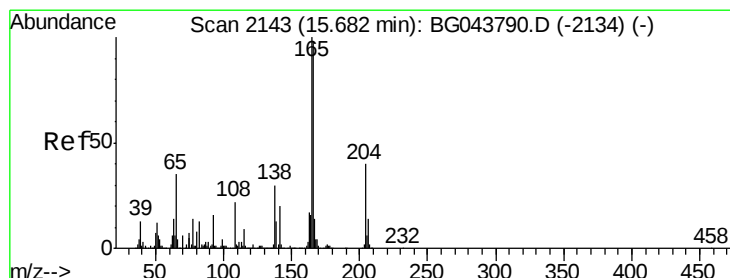
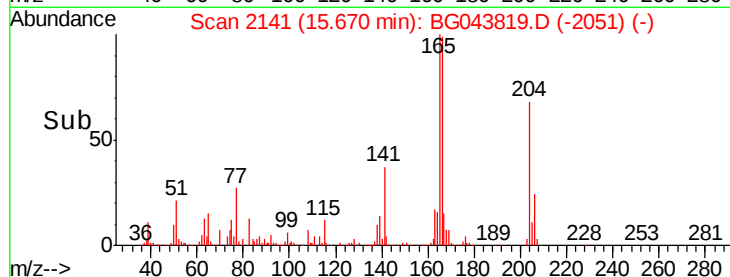
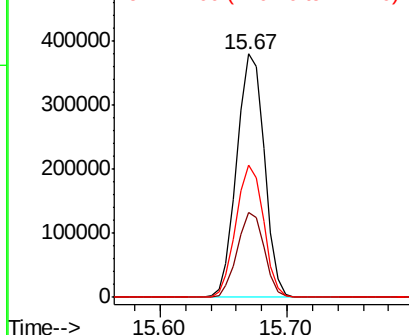
#61
4-Chlorophenyl-phenylether
Concen: 40.932 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 570579
Ion Ratio Lower Upper
204 100
206 34.7 28.1 42.1
141 54.5 44.1 66.1

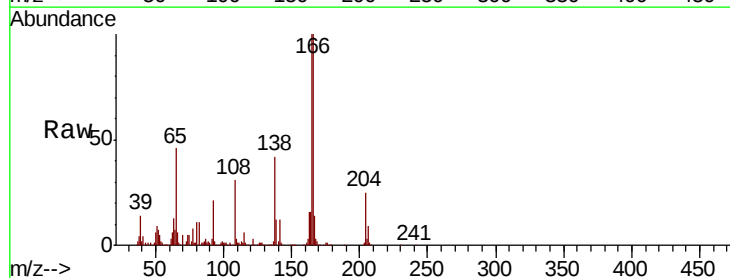


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

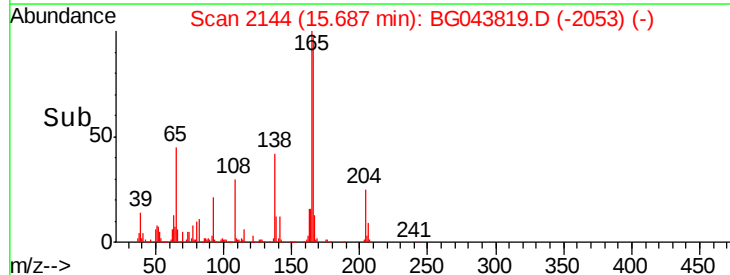
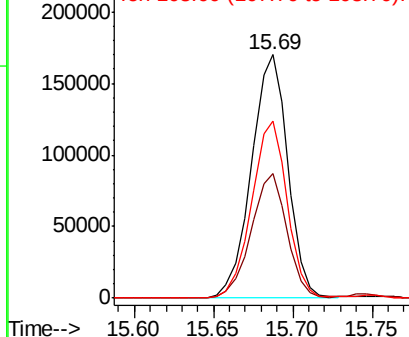


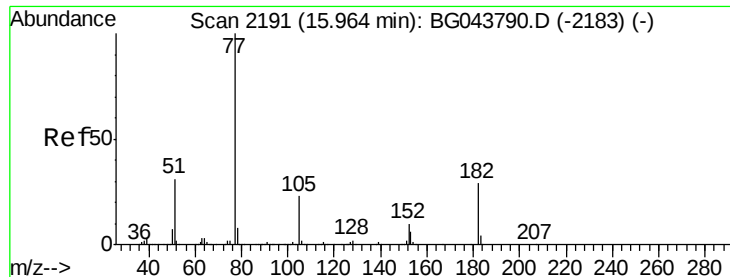
#62
4-Nitroaniline
Concen: 39.496 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:138 Resp: 272074
Ion Ratio Lower Upper
138 100
92 51.0 31.5 71.5
108 72.7 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: 41.893 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1036387

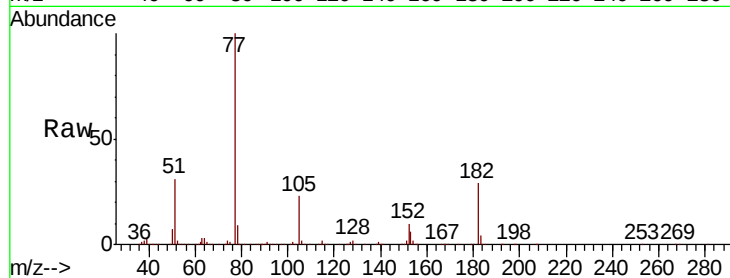
Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.0	49.0
105	23.4	2.9	42.9
51	31.4	10.6	50.6

77 100

182 29.1 9.0 49.0

105 23.4 2.9 42.9

51 31.4 10.6 50.6

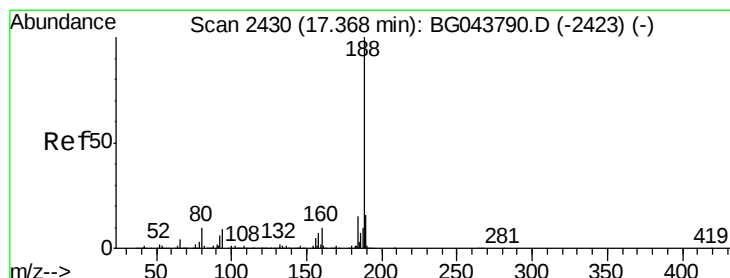
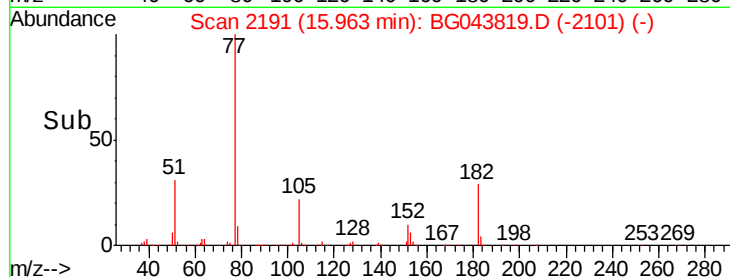
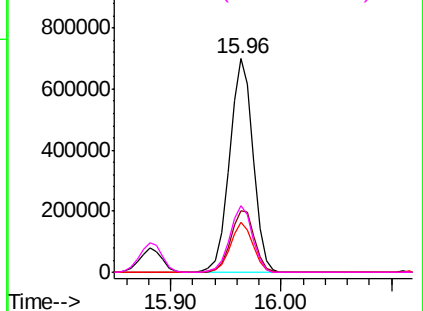


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2431

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

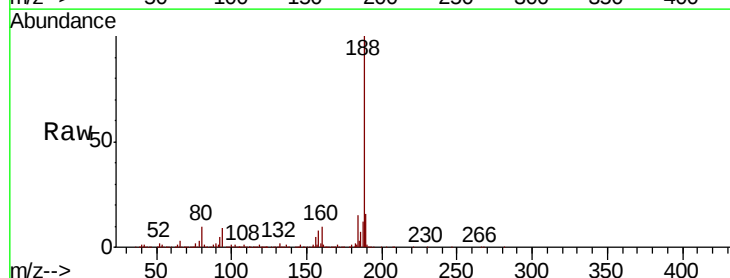
Tgt Ion: 188 Resp: 883325

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.1	7.8	11.8

188 100

94 9.0 6.9 10.3

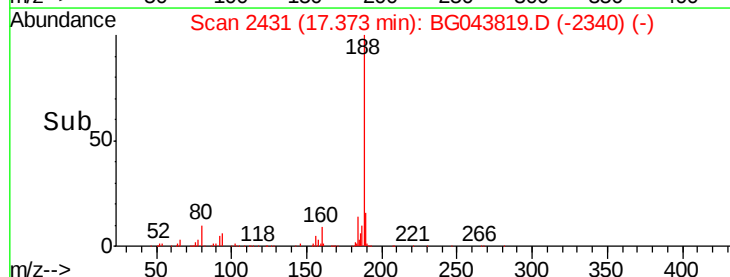
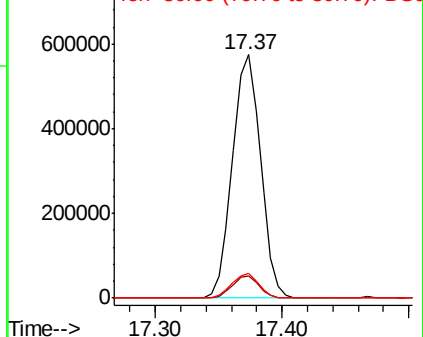
80 10.1 7.8 11.8

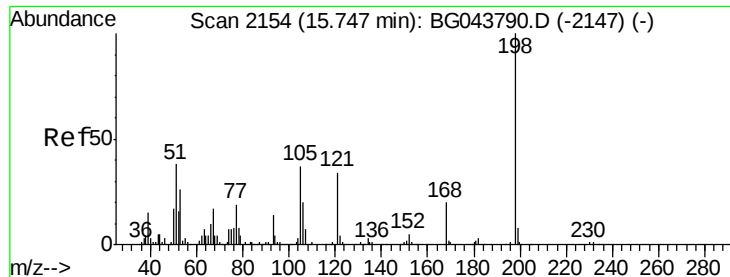


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 52.590 ng

RT: 15.75 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

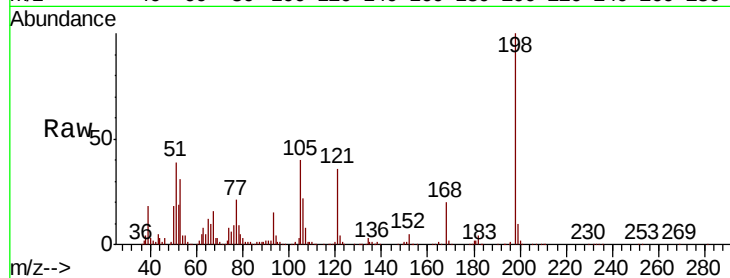
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 183087

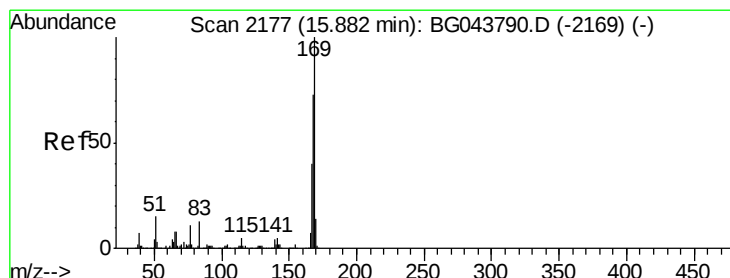
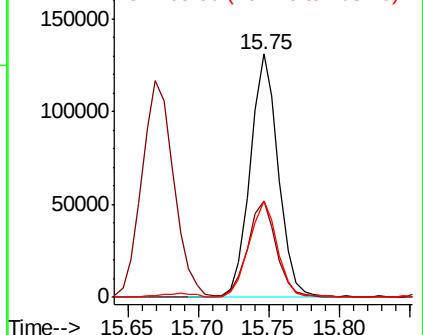
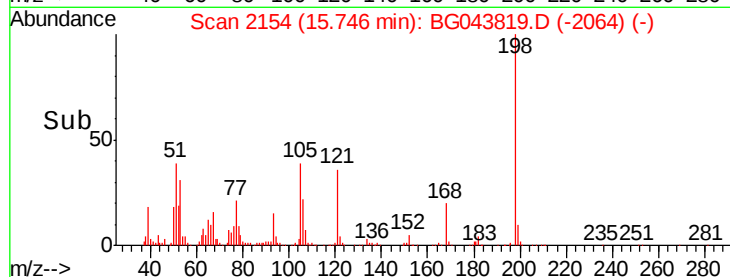
Ion	Ratio	Lower	Upper
198	100		
51	39.5	18.9	58.9
105	39.6	18.1	58.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043819.D (-2064) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.803 ng

RT: 15.88 min Scan# 2177

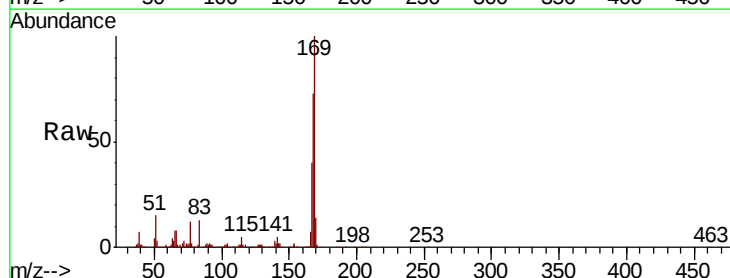
Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:169 Resp: 1001745

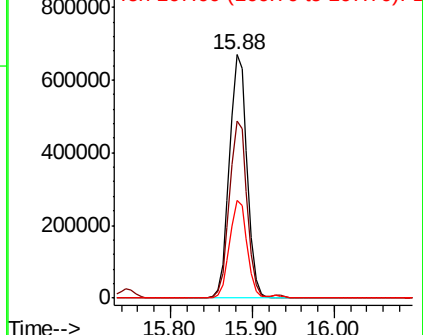
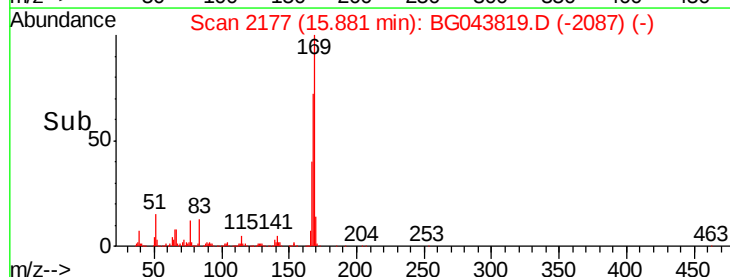
Ion	Ratio	Lower	Upper
169	100		
168	72.5	58.5	87.7
167	40.2	32.1	48.1

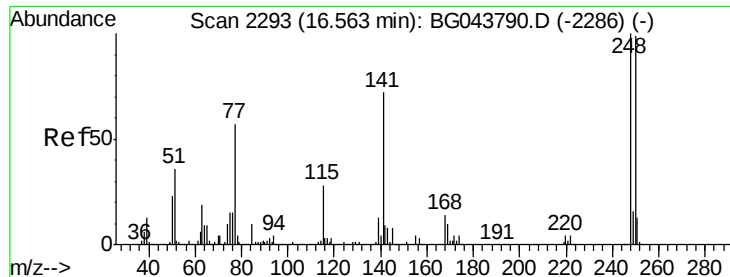


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

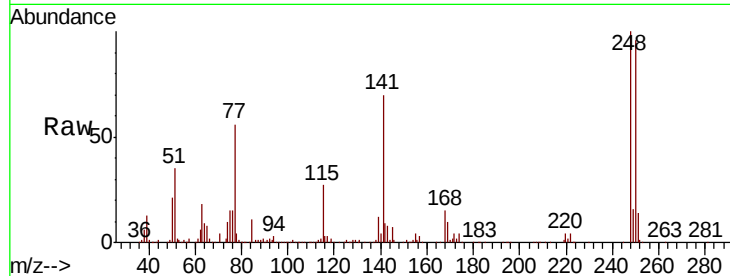




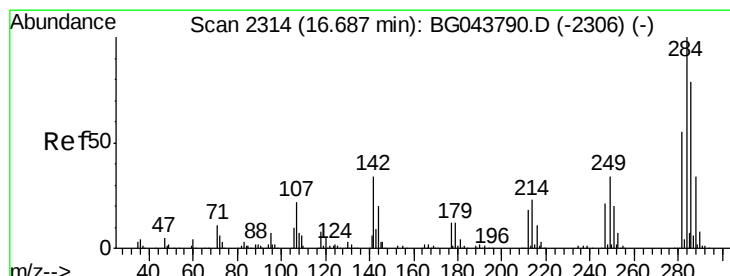
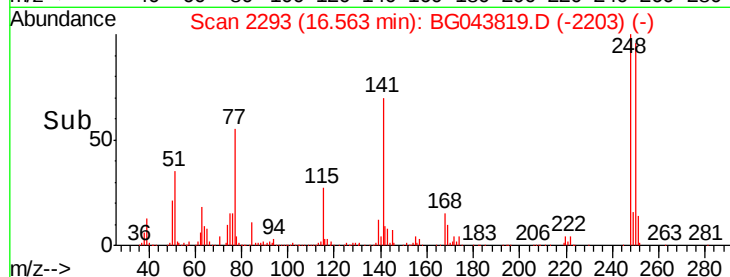
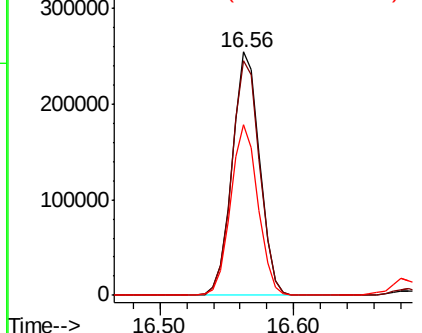
#67
4-Bromophenyl-phenylether
Concen: 38.554 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 364100
Ion Ratio Lower Upper
248 100
250 96.3 79.0 118.6
141 70.0 57.8 86.6

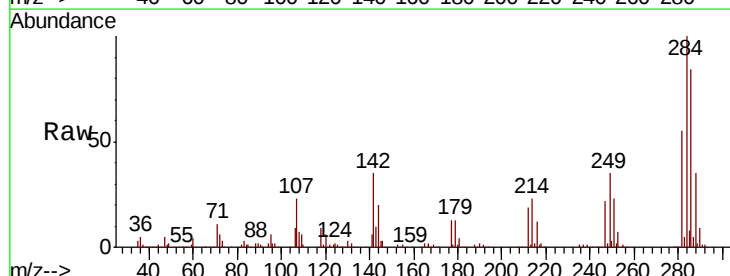


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

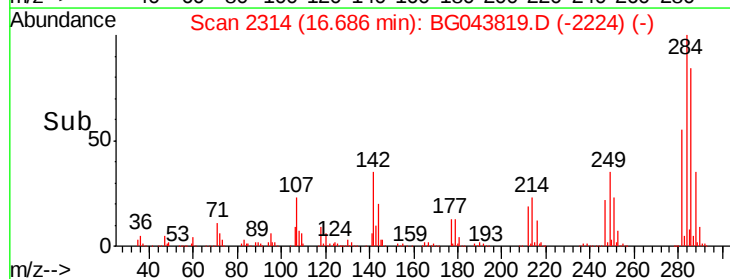
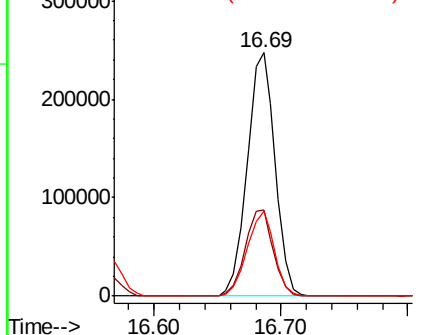


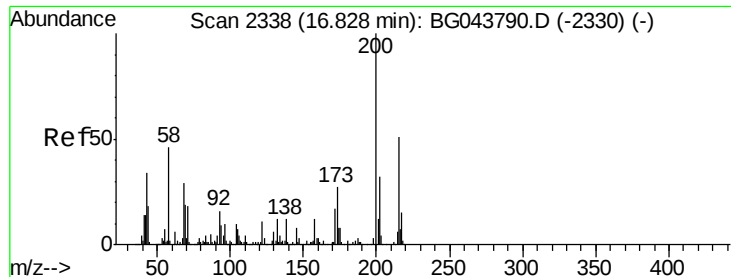
#68
Hexachlorobenzene
Concen: 37.604 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:284 Resp: 376653
Ion Ratio Lower Upper
284 100
142 35.3 27.0 40.6
249 34.9 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

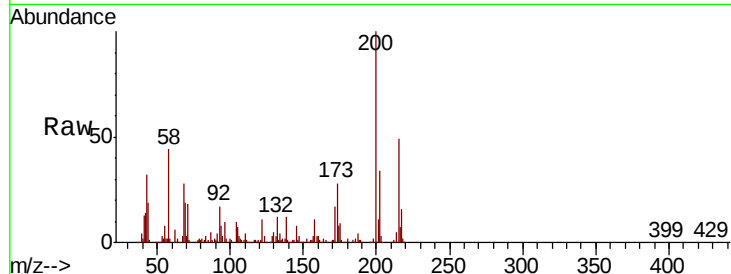




#69
Atrazine
Concen: 50.297 ng
RT: 16.83 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.4	47.4
215	49.3	30.5	70.5

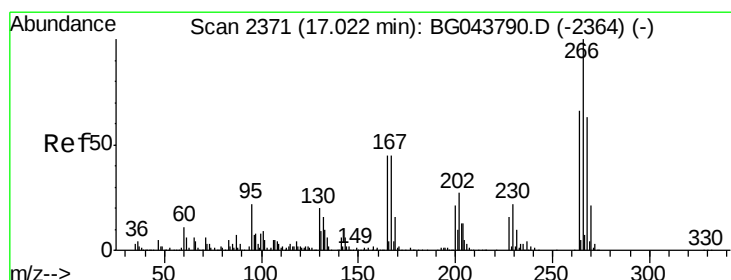
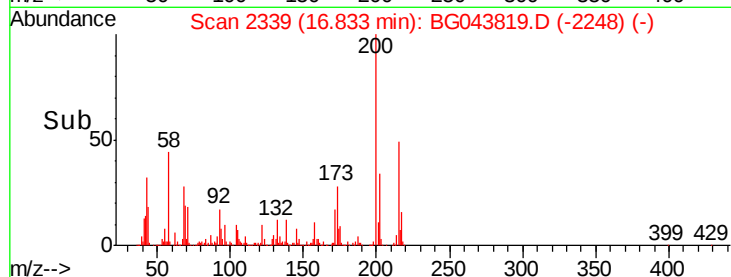
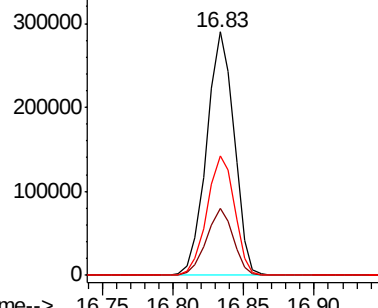


Abundance

Ion 200.00 (199.70 to 200.70): E

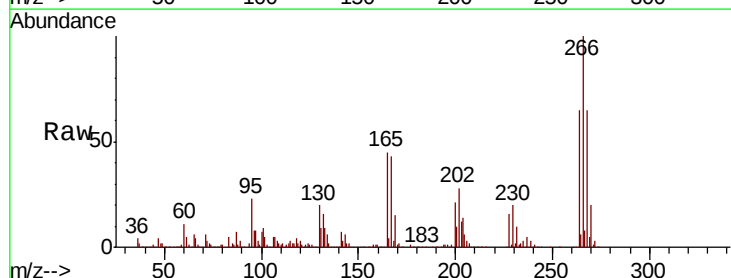
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 84.744 ng
RT: 17.03 min Scan# 2372
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	50.8	76.2
264	64.6	53.0	79.4

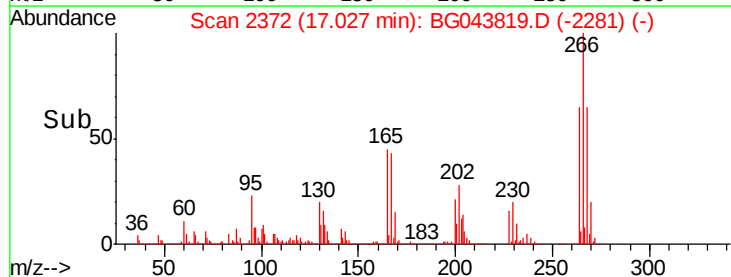
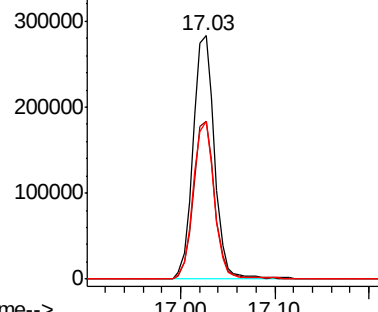


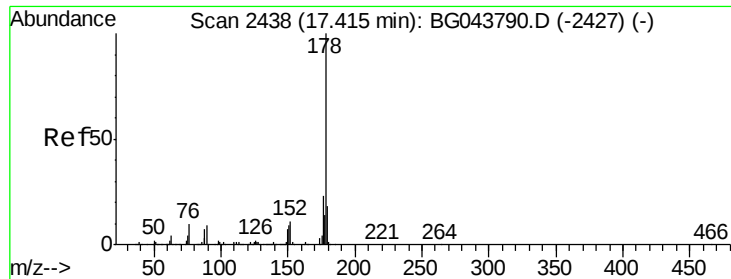
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

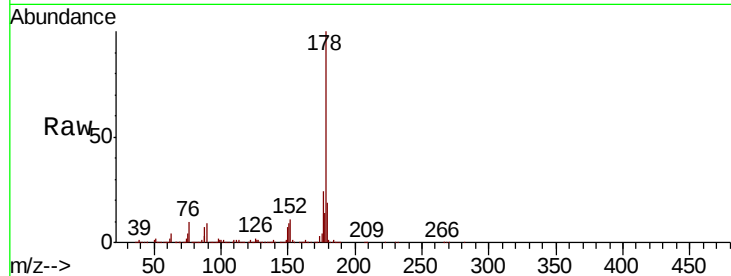




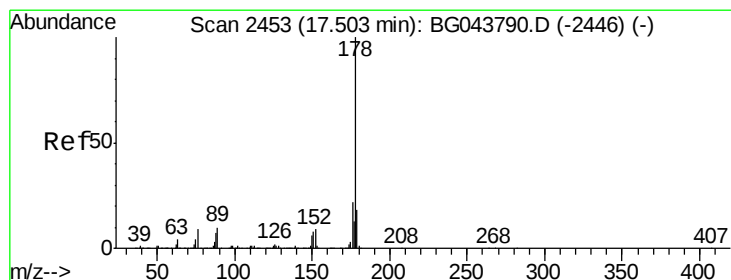
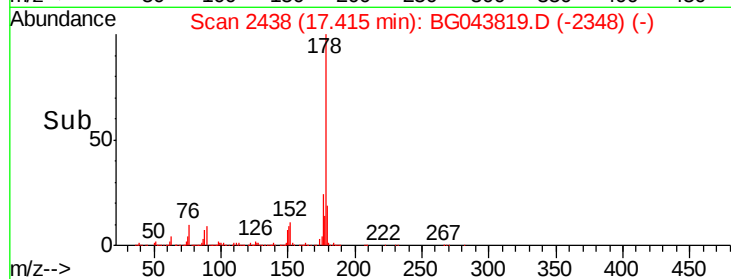
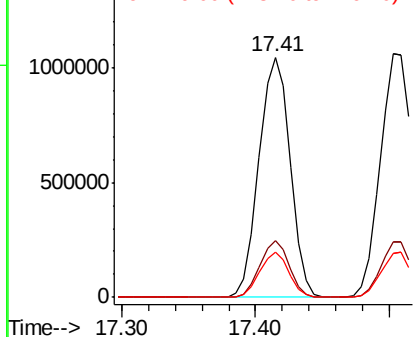
#71
Phenanthrene
Concen: 40.367 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 1688036
Ion Ratio Lower Upper
178 100
176 23.7 18.6 27.8
179 19.0 14.7 22.1

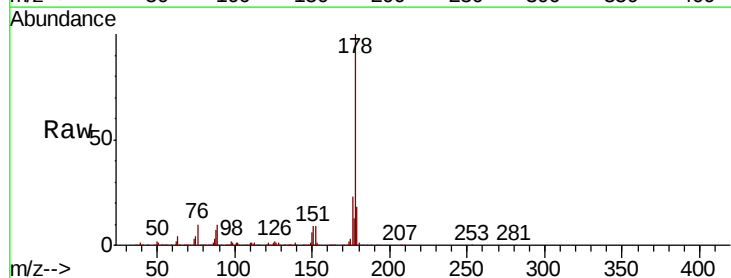


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

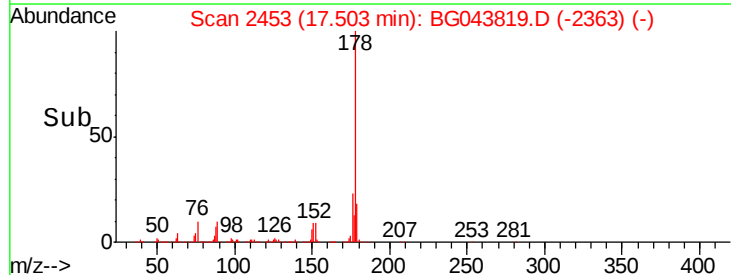
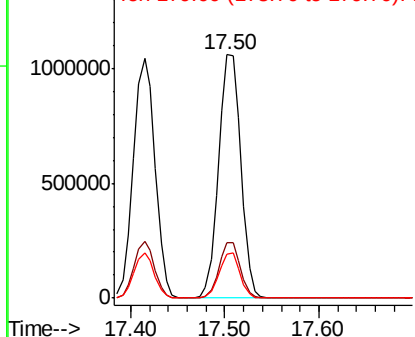


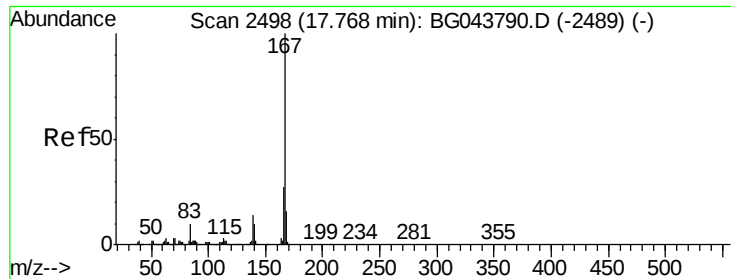
#72
Anthracene
Concen: 42.403 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:178 Resp: 1755262
Ion Ratio Lower Upper
178 100
176 22.8 17.7 26.5
179 18.2 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



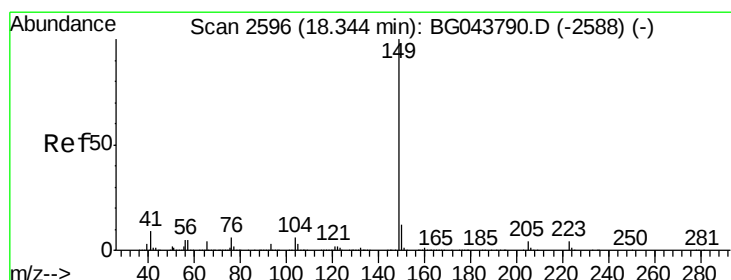
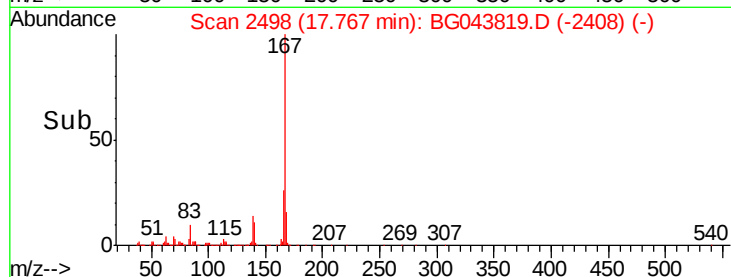
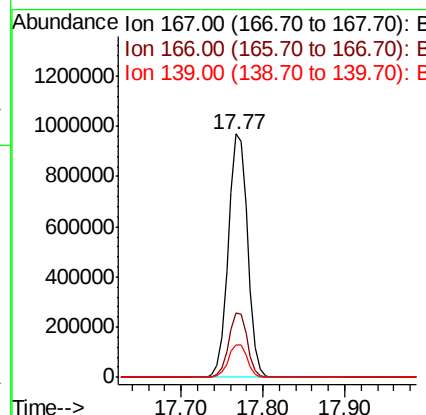
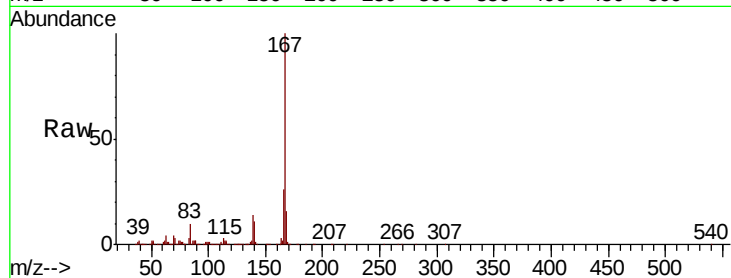


#73
 Carbazole
 Concen: 40.942 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1584233

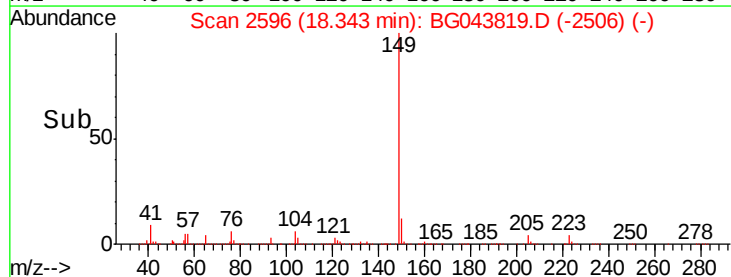
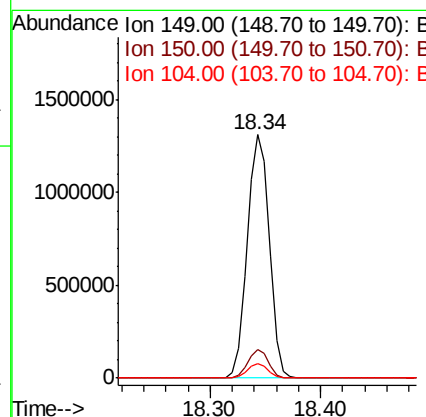
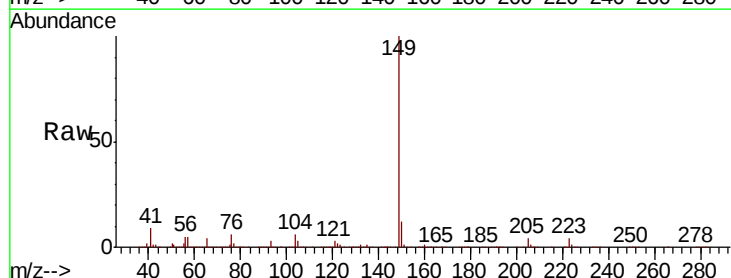
Ion	Ratio	Lower	Upper
167	100		
166	26.5	21.4	32.2
139	13.5	11.0	16.4

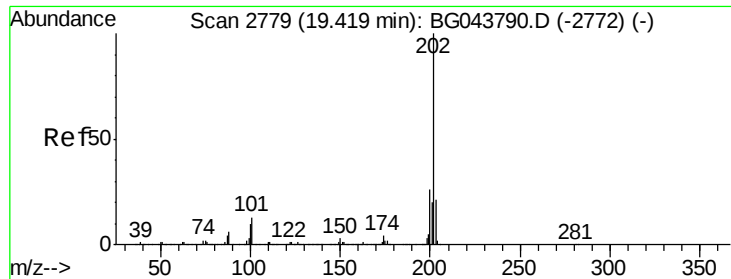


#74
 Di-n-butylphthalate
 Concen: 41.326 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043819.D
 Acq: 17 Dec 2019 14:30

Tgt Ion:149 Resp: 1833188

Ion	Ratio	Lower	Upper
149	100		
150	11.9	9.4	14.0
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 40.675 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

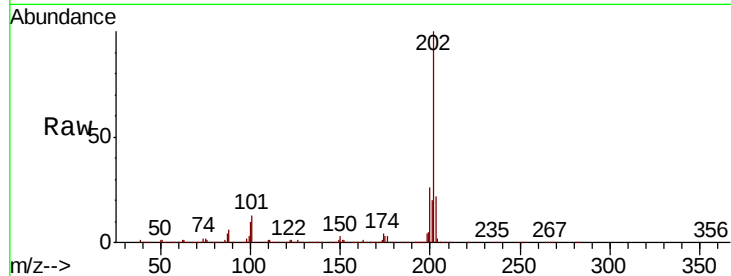
Tot Ion:202 Resp: 1946690

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.7

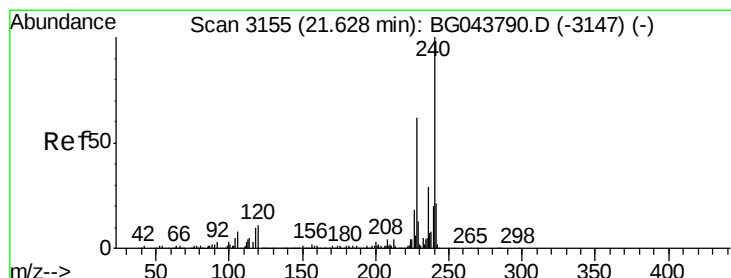
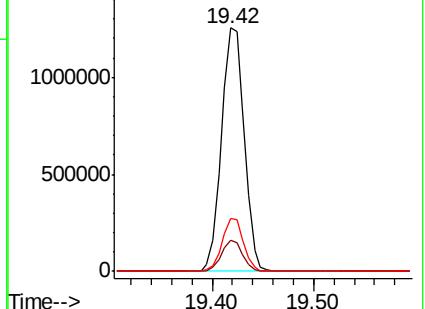
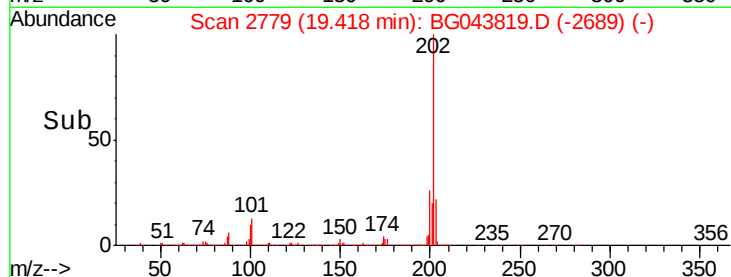
203 21.9 1.0 41.0



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# 3156

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

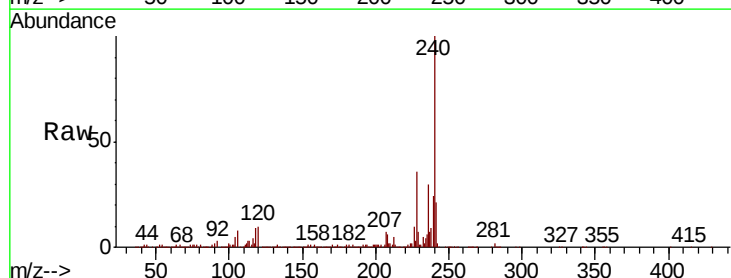
Tgt Ion:240 Resp: 744272

Ion Ratio Lower Upper

240 100

120 9.6 8.6 12.8

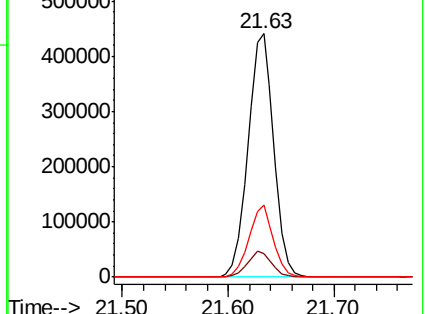
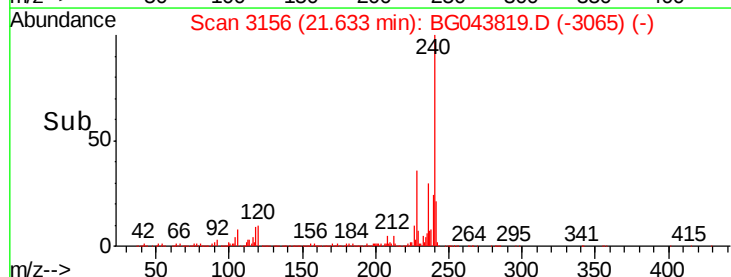
236 29.7 23.1 34.7

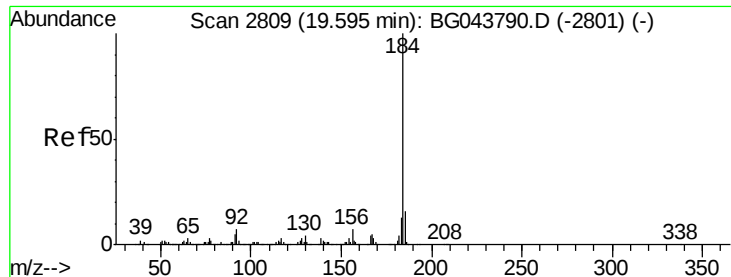


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.740 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

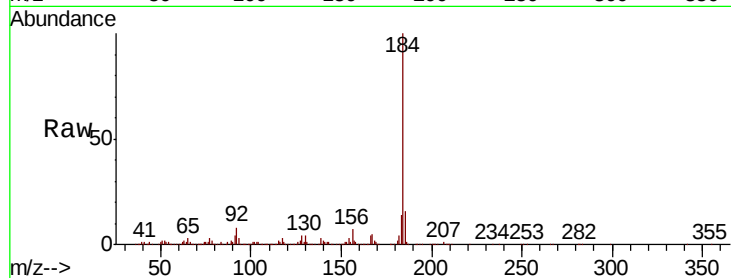
Tot Ion:184 Resp: 905068

Ion Ratio Lower Upper

184 100

185 15.8 12.9 19.3

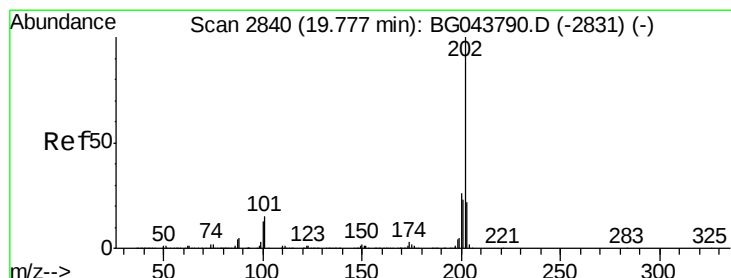
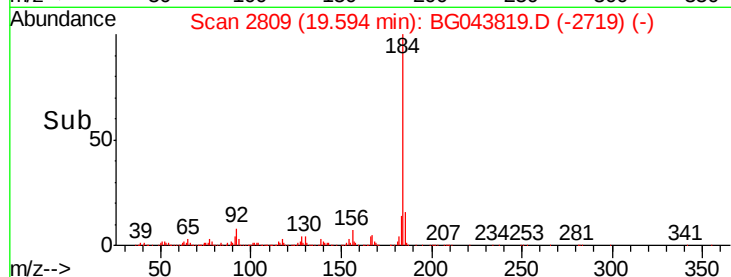
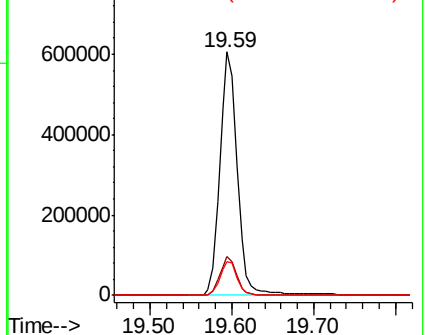
183 14.0 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.294 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

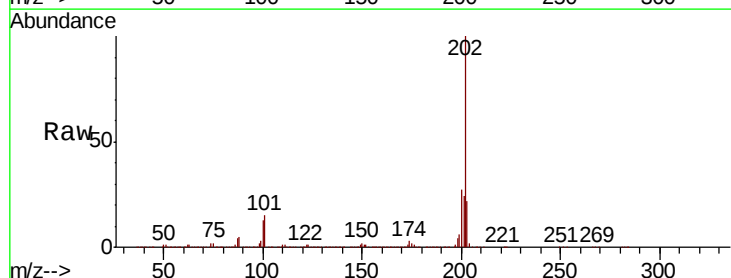
Tgt Ion:202 Resp: 1959848

Ion Ratio Lower Upper

202 100

200 27.1 20.8 31.2

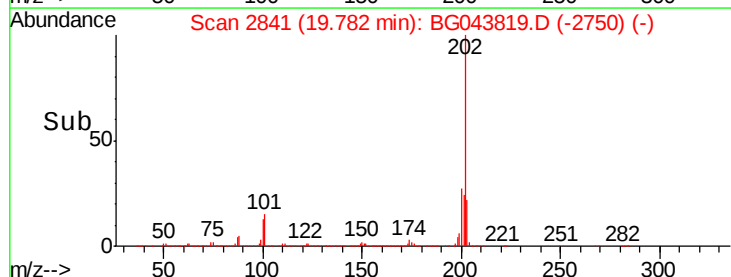
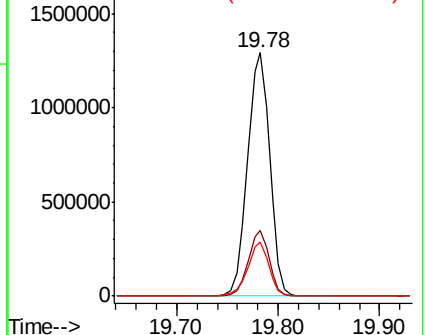
203 22.4 17.7 26.5

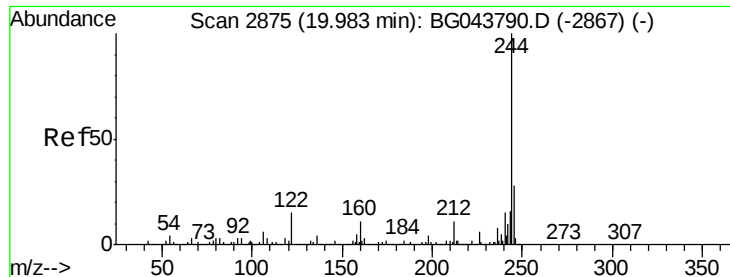


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.527 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

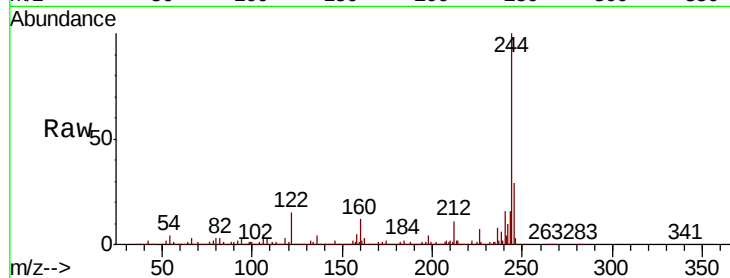
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2460330

Ion	Ratio	Lower	Upper
244	100		
212	11.3	9.1	13.7
122	14.6	11.6	17.4

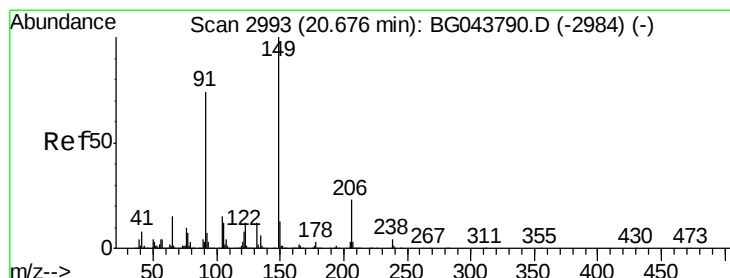
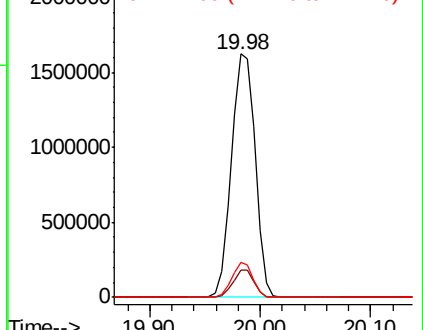
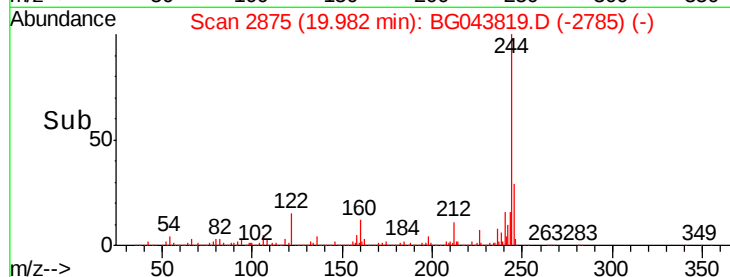


Abundance

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: 43.161 ng

RT: 20.68 min Scan# 2993

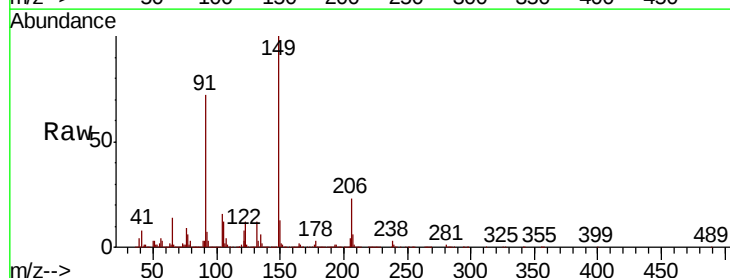
Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:149 Resp: 874319

Ion	Ratio	Lower	Upper
149	100		
91	71.9	59.0	88.4
206	23.4	18.6	28.0

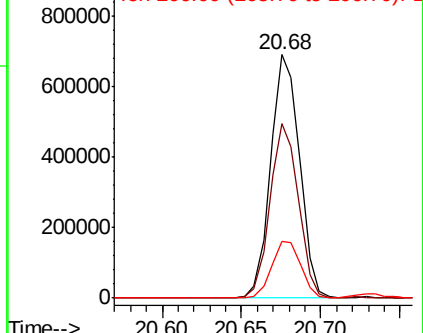
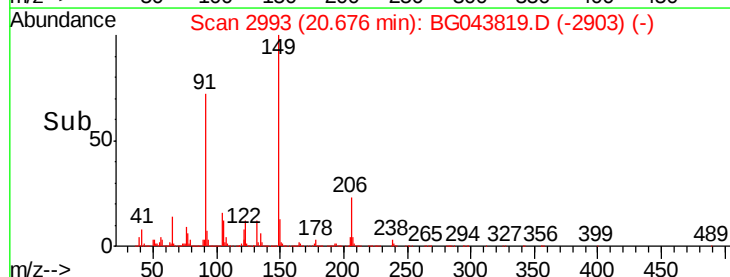


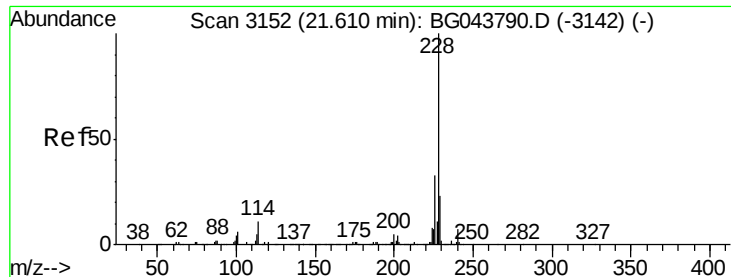
Abundance

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: 40.463 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

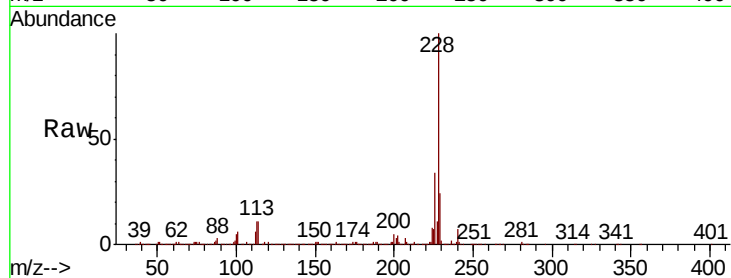
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1900726

Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.1	39.1
229	23.6	18.6	27.8

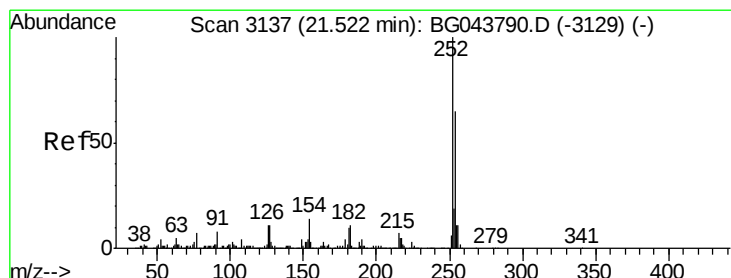
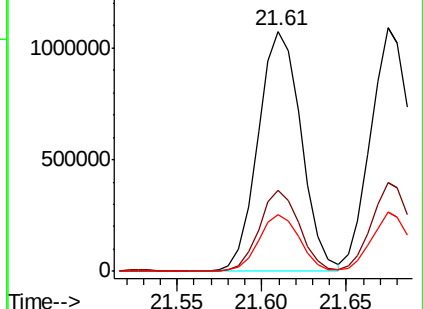
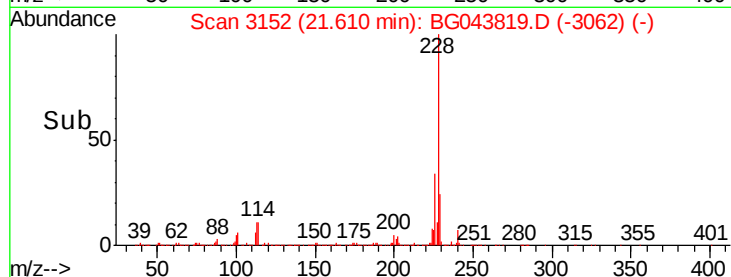


Abundance

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: 32.607 ng

RT: 21.53 min Scan# 3138

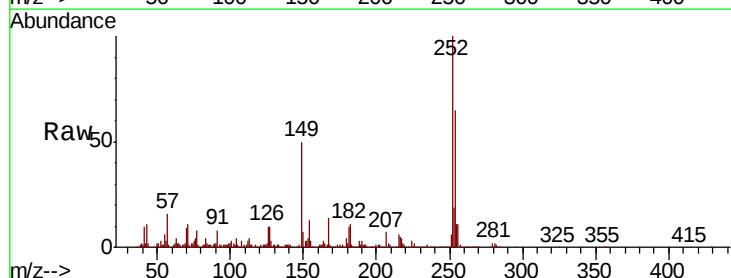
Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Tgt Ion:252 Resp: 565827

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.2
126	10.4	8.7	13.1

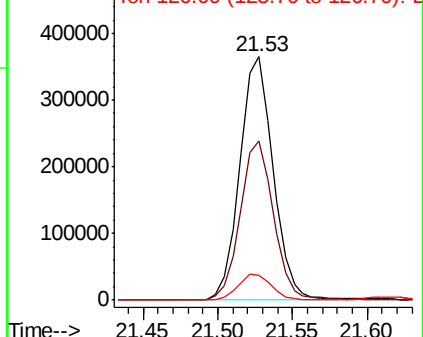
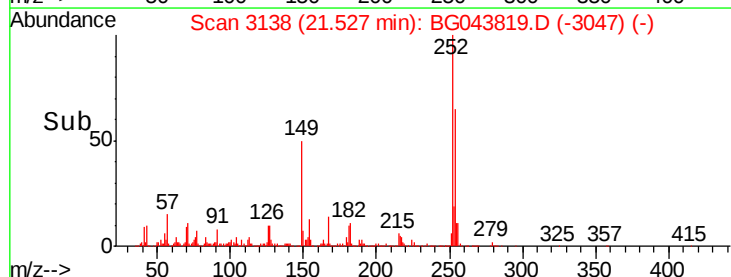


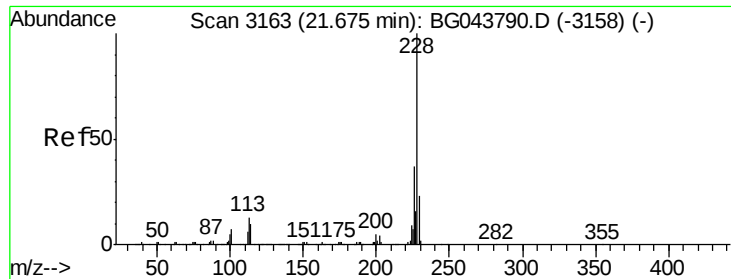
Abundance

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: 40.154 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

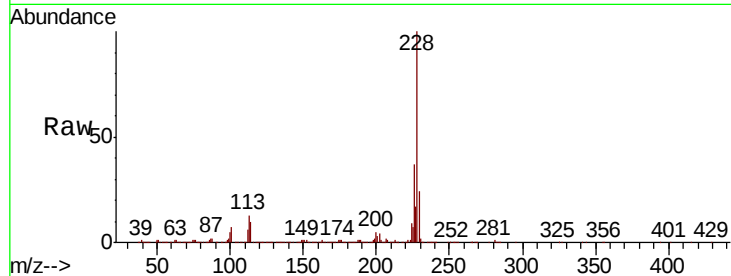
Tot Ion:228 Resp: 1797040

Ion Ratio Lower Upper

228 100

226 36.6 29.1 43.7

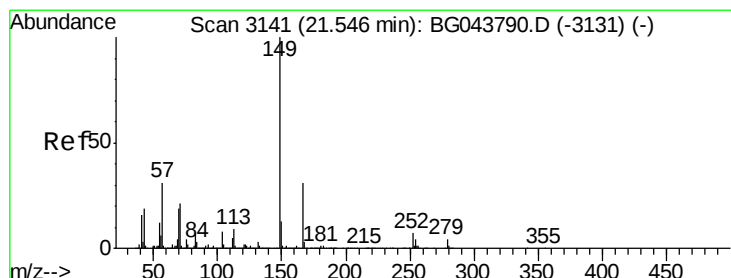
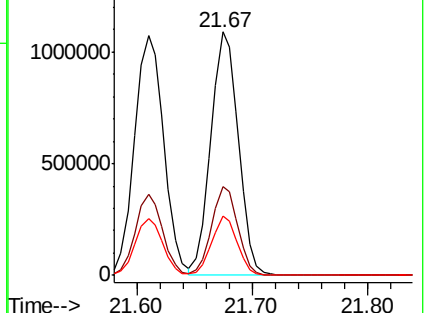
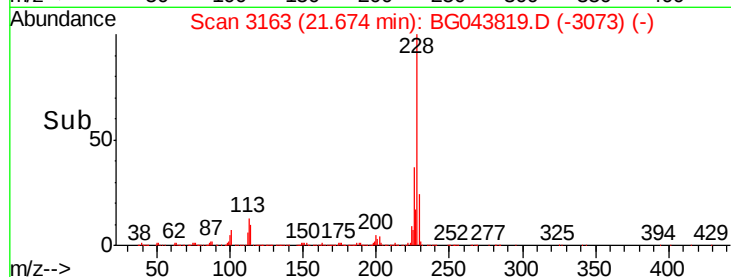
229 24.2 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.391 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

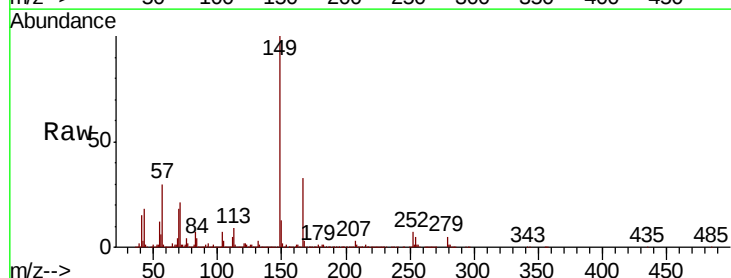
Tgt Ion:149 Resp: 1202674

Ion Ratio Lower Upper

149 100

167 32.7 25.1 37.7

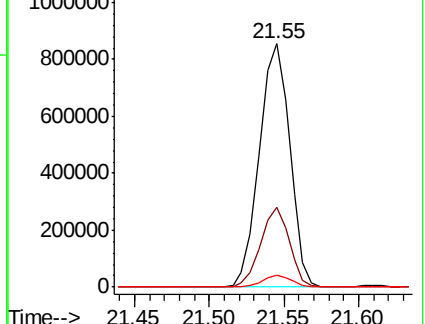
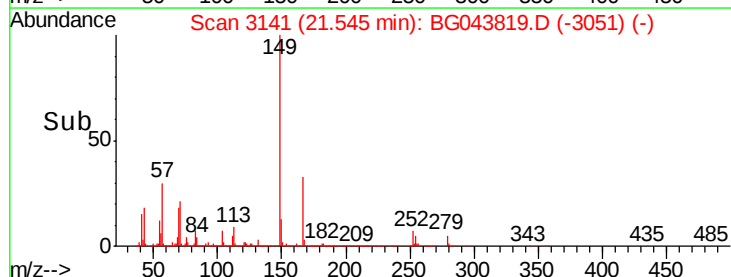
279 4.9 3.5 5.3

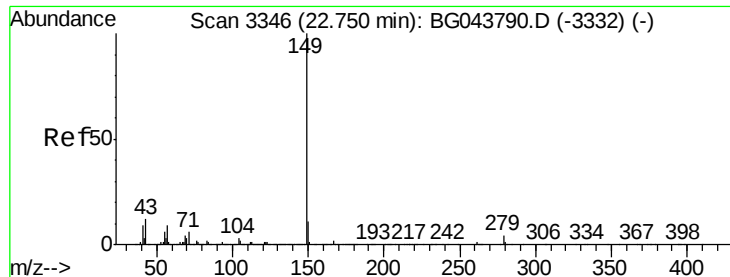


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.682 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

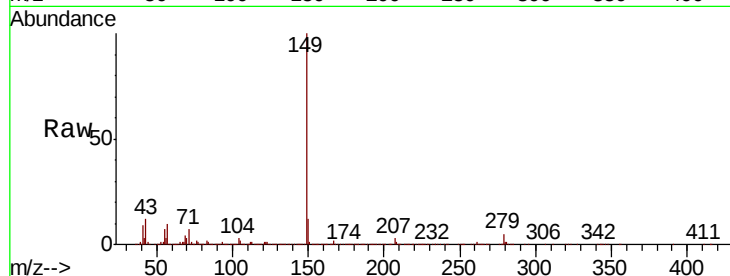
Tot Ion:149 Resp: 2074940

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

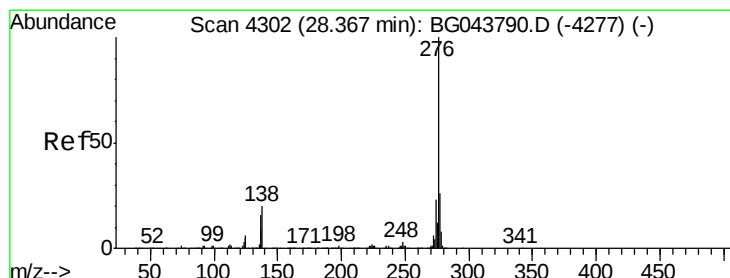
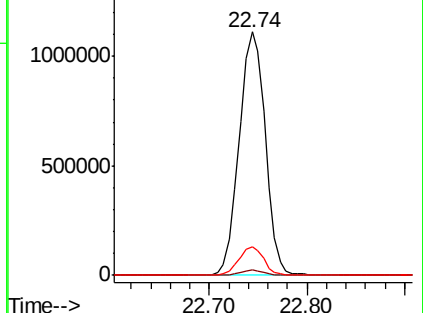
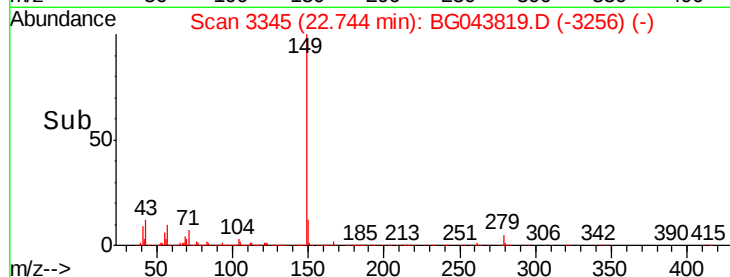
43 10.9 8.8 13.2



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: 34.958 ng

RT: 28.38 min Scan# 4304

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

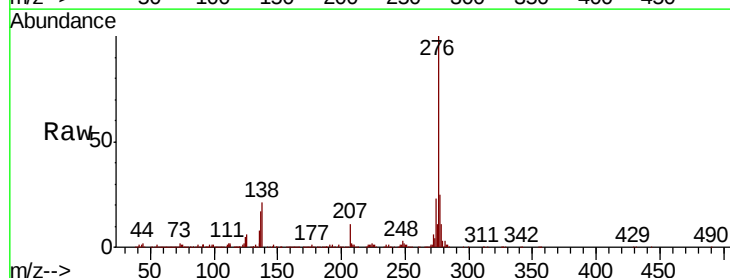
Tgt Ion:276 Resp: 2002424

Ion Ratio Lower Upper

276 100

138 14.3 14.6 21.8#

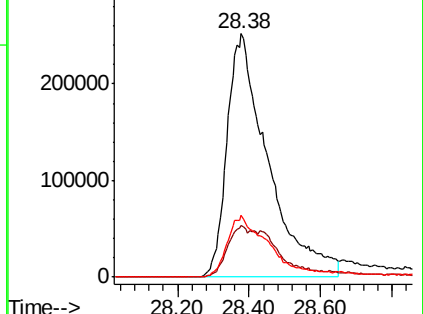
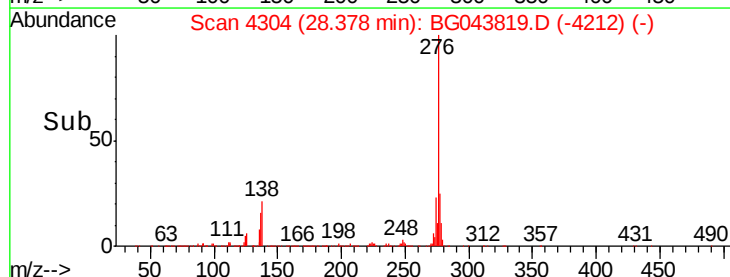
277 25.5 21.2 31.8

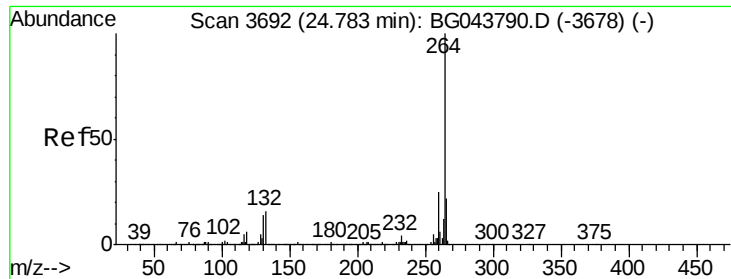


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

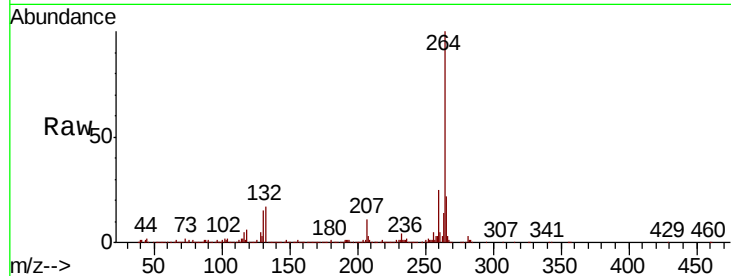
Tot Ion:264 Resp: 838563

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

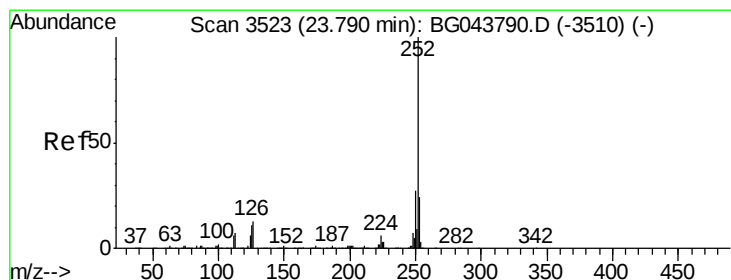
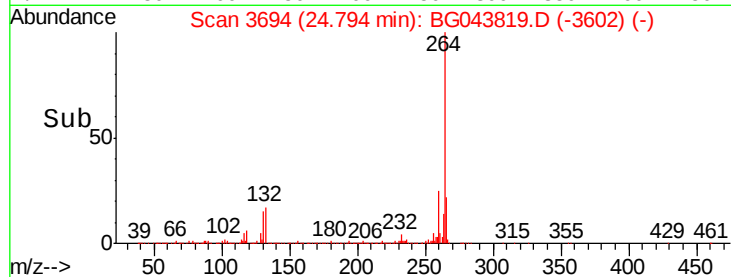
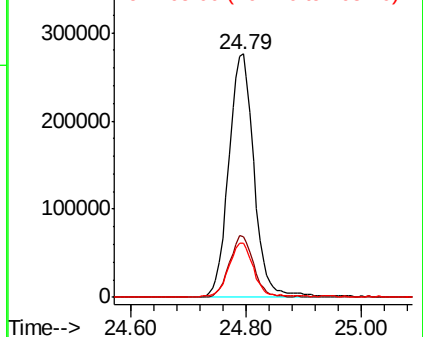
265 22.1 17.9 26.9



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: 39.235 ng

RT: 23.80 min Scan# 3524

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

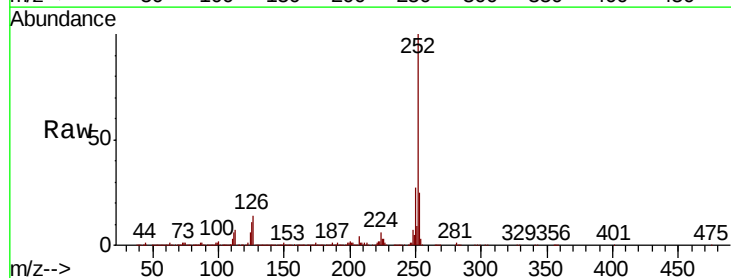
Tgt Ion:252 Resp: 1894321

Ion Ratio Lower Upper

252 100

253 24.8 19.5 29.3

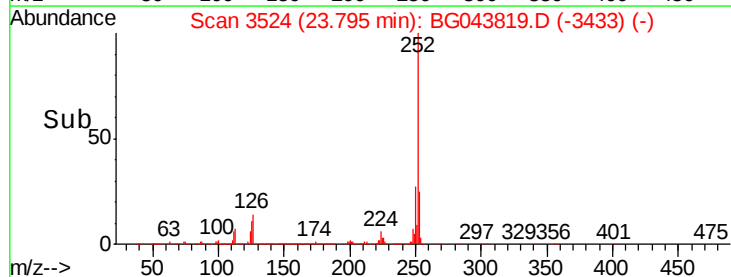
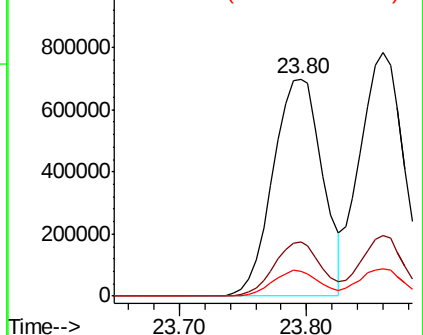
125 11.3 9.0 13.4

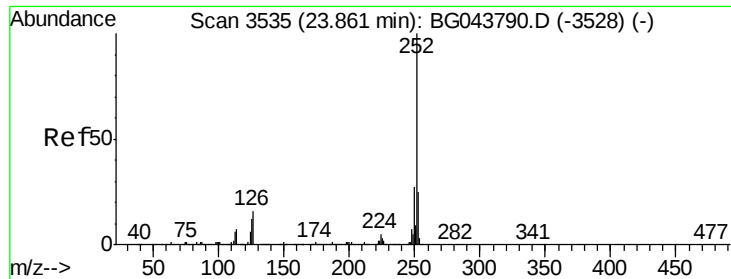


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.184 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

Instrument :

BNA_G

ClientSampleId :

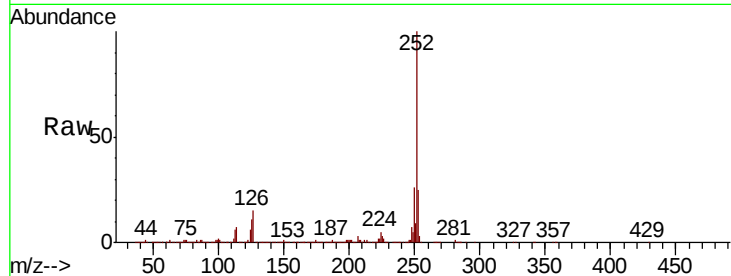
Tot Ion:252 Resp: 1920808

Ion Ratio Lower Upper

252 100

253 24.8 19.4 29.0

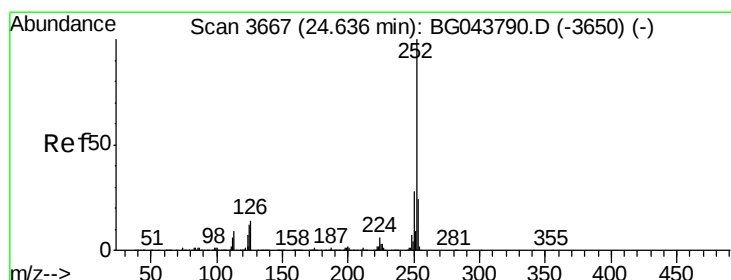
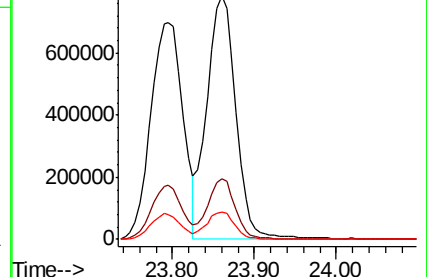
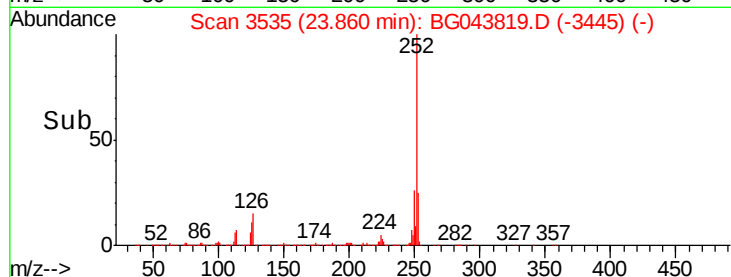
125 11.3 8.9 13.3



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: 39.114 ng

RT: 24.65 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG043819.D

Acq: 17 Dec 2019 14:30

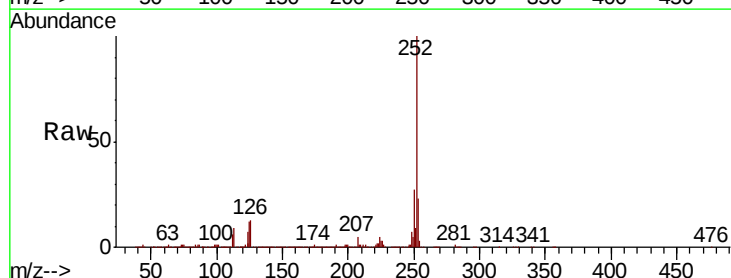
Tgt Ion:252 Resp: 1799715

Ion Ratio Lower Upper

252 100

253 23.4 19.1 28.7

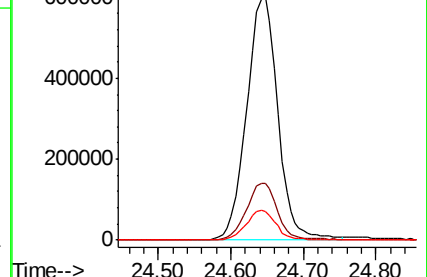
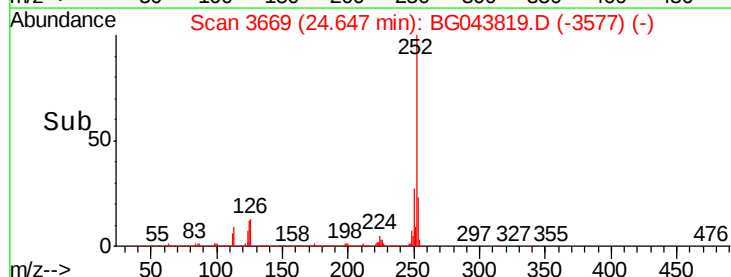
125 11.9 9.4 14.0

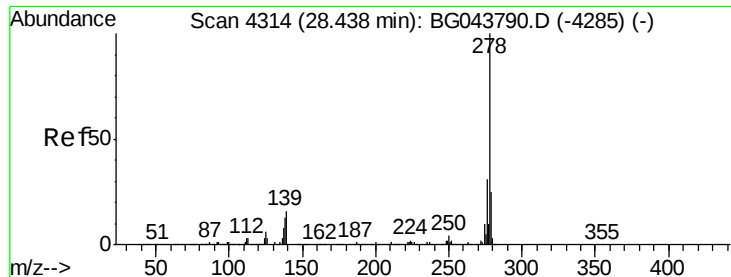


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

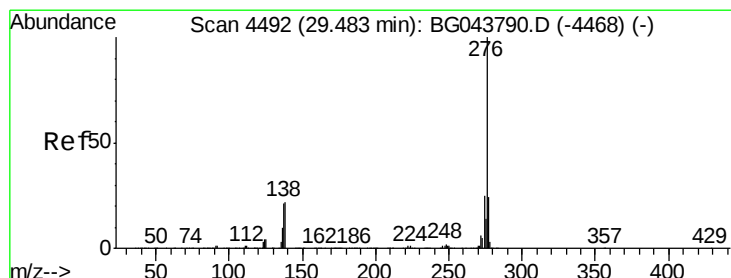
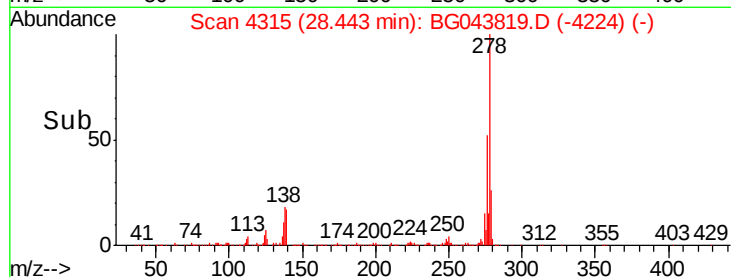
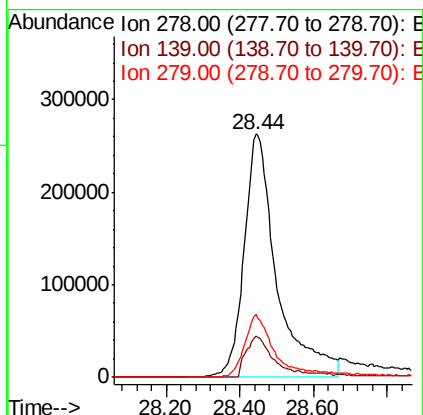
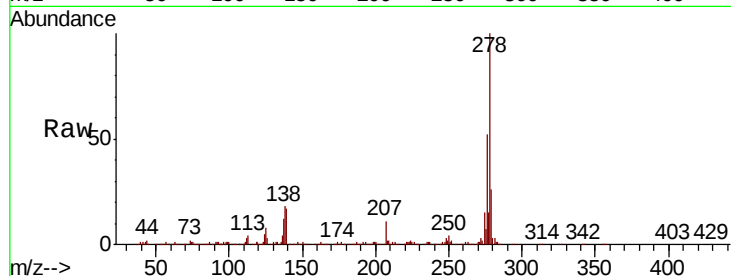




#91
Dibenzo(a,h)anthracene
Concen: 35.528 ng
RT: 28.44 min Scan# 4315
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1632819
Ion Ratio Lower Upper
278 100
139 16.9 13.2 19.8
279 26.1 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 35.021 ng
RT: 29.49 min Scan# 4493
Delta R.T. 0.01 min
Lab File: BG043819.D
Acq: 17 Dec 2019 14:30

Tgt Ion:276 Resp: 1588276
Ion Ratio Lower Upper
276 100
277 24.7 19.3 28.9
138 22.5 17.6 26.4

