

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043866.D
 Acq On : 30 Dec 2019 17:14
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 31 13:42:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	155839	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	676741	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	440236	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	858109	20.00	ng	0.00
76) Chrysene-d12	21.60	240	702649	20.00	ng	0.00
87) Perylene-d12	24.73	264	802181	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	691787	81.51	ng	0.00
7) Phenol-d6	7.13	99	985817	83.09	ng	0.00
23) Nitrobenzene-d5	9.12	82	975105	77.08	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	365961	79.44	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1997275	82.20	ng	0.00
79) Terphenyl-d14	19.96	244	2343728	78.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	147017	39.727	ng	99
3) Pyridine	3.83	79	461135	42.181	ng	96
4) n-Nitrosodimethylamine	3.75	42	194859	40.034	ng	95
6) Aniline	7.29	93	642669	41.242	ng	100
8) 2-Chlorophenol	7.54	128	401006	40.245	ng	98
9) Benzaldehyde	7.10	77	295604	38.930	ng	98
10) Phenol	7.15	94	504947	41.309	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	424854	40.265	ng	100
12) 1,3-Dichlorobenzene	7.86	146	468400	40.172	ng	98
13) 1,4-Dichlorobenzene	8.01	146	464222	40.351	ng	99
14) 1,2-Dichlorobenzene	8.32	146	450931	40.835	ng	99
15) Benzyl Alcohol	8.21	79	383630	40.972	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	666003	40.799	ng	98
17) 2-Methylphenol	8.40	107	362533	40.984	ng	98
18) Hexachloroethane	9.06	117	180167	40.246	ng	96
19) n-Nitroso-di-n-propylamine	8.78	70	361463	40.912	ng	97
20) 3+4-Methylphenols	8.73	107	513922	41.647	ng	98
22) Acetophenone	8.79	105	665642	39.564	ng	98
24) Nitrobenzene	9.16	77	488745	39.008	ng	97
25) Isophorone	9.69	82	955378	40.255	ng	99
26) 2-Nitrophenol	9.88	139	239696	40.436	ng	98
27) 2,4-Dimethylphenol	9.94	122	352021	39.451	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	632834	39.996	ng	97
29) 2,4-Dichlorophenol	10.41	162	422976	39.740	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	471804	39.534	ng	98
31) Naphthalene	10.82	128	1311585	40.050	ng	100
32) Benzoic acid	10.08	122	282878	40.112	ng	97
33) 4-Chloroaniline	10.92	127	623384	39.910	ng	98
34) Hexachlorobutadiene	11.12	225	287532	39.461	ng	96
35) Caprolactam	11.69	113	160097	40.405	ng	95
36) 4-Chloro-3-methylphenol	12.05	107	457488	40.376	ng	96
37) 2-Methylnaphthalene	12.43	142	992451	40.253	ng	97
38) 1-Methylnaphthalene	12.65	142	941712	40.301	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	508752	39.428	ng	100

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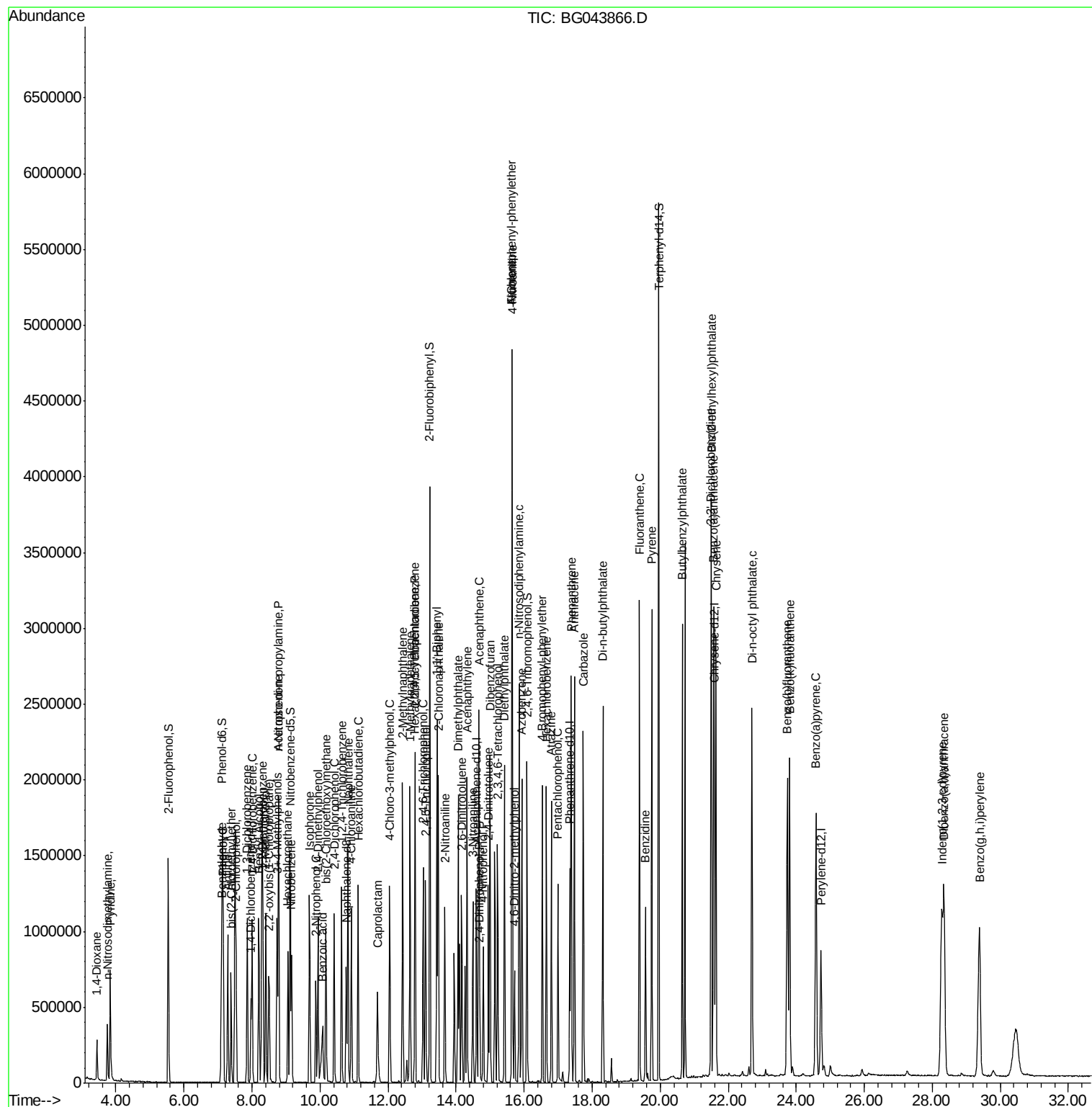
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	246794	36.892	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	354606	39.940	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	369417	40.342	ng	97
46) 1,1'-Biphenyl	13.43	154	1278511	40.505	ng	98
47) 2-Chloronaphthalene	13.48	162	1015259	39.805	ng	99
48) 2-Nitroaniline	13.67	65	325322	39.652	ng	97
49) Acenaphthylene	14.32	152	1493193	40.731	ng	99
50) Dimethylphthalate	14.06	163	1257619	40.233	ng	100
51) 2,6-Dinitrotoluene	14.17	165	282039	39.920	ng	98
52) Acenaphthene	14.67	154	1027892	39.982	ng	99
53) 3-Nitroaniline	14.49	138	315538	39.329	ng	97
54) 2,4-Dinitrophenol	14.70	184	133452	40.019	ng	100
55) Dibenzofuran	15.00	168	1422588	40.196	ng	99
56) 4-Nitrophenol	14.80	139	241029	39.204	ng	99
57) 2,4-Dinitrotoluene	14.95	165	391465	40.720	ng	96
58) Fluorene	15.65	166	1121626	39.985	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	317591	40.334	ng	98
60) Diethylphthalate	15.43	149	1239620	39.649	ng	100
61) 4-Chlorophenyl-phenylether	15.64	204	608597	39.956	ng	97
62) 4-Nitroaniline	15.66	138	305359	38.541	ng	99
63) Azobenzene	15.94	77	1166286	40.224	ng	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	174001	40.147	ng	98
66) n-Nitrosodiphenylamine	15.85	169	1029582	40.743	ng	100
67) 4-Bromophenyl-phenylether	16.54	248	387713	40.173	ng	98
68) Hexachlorobenzene	16.65	284	417264	40.124	ng	99
69) Atrazine	16.80	200	334734	40.751	ng	99
70) Pentachlorophenol	16.99	266	236662	41.283	ng	98
71) Phenanthrene	17.39	178	1676894	40.742	ng	99
72) Anthracene	17.48	178	1655784	40.706	ng	99
73) Carbazole	17.74	167	1496926	39.839	ng	100
74) Di-n-butylphthalate	18.32	149	1854828	38.664	ng	99
75) Fluoranthene	19.39	202	1806118	38.370	ng	100
77) Benzidine	19.57	184	639058	36.184	ng	97
78) Pyrene	19.75	202	1820621	39.695	ng	99
80) Butylbenzylphthalate	20.65	149	897331	41.094	ng	97
81) Benzo(a)anthracene	21.58	228	1770731	40.642	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	675769	39.259	ng	99
83) Chrysene	21.64	228	1694739	40.936	ng	100
84) Bis(2-ethylhexyl)phthalate	21.51	149	1244838	41.317	ng	100
85) Di-n-octyl phthalate	22.69	149	2100454	41.468	ng	100
86) Indeno(1,2,3-cd)pyrene	28.28	276	2222482	39.502	ng	# 93
88) Benzo(b)fluoranthene	23.74	252	1886776	39.786	ng	99
89) Benzo(k)fluoranthene	23.80	252	1855542	41.146	ng	100
90) Benzo(a)pyrene	24.58	252	1800917	40.236	ng	99
91) Dibenzo(a,h)anthracene	28.35	278	1797278	39.983	ng	98
92) Benzo(g,h,i)perylene	29.39	276	1781335	39.895	ng	98

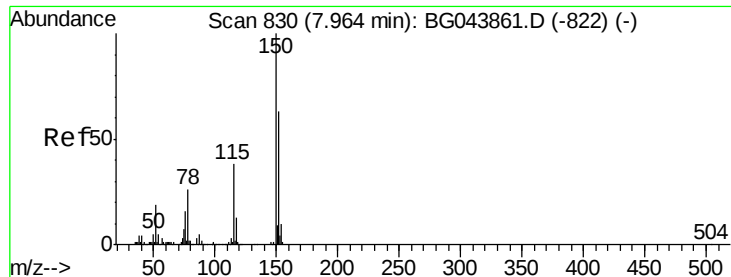
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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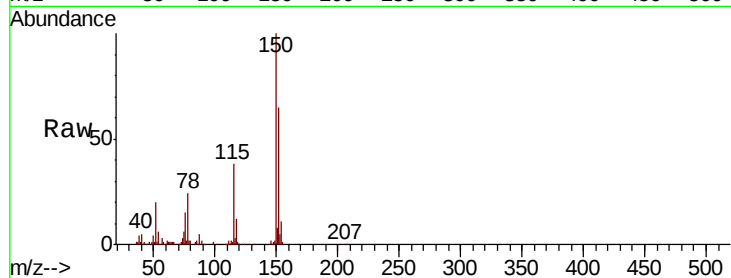


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.0	190.4
115	59.1	47.8	71.8

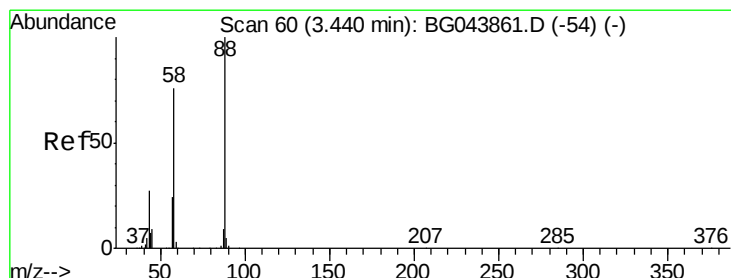
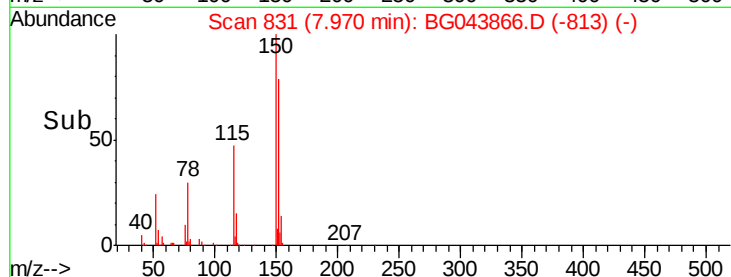
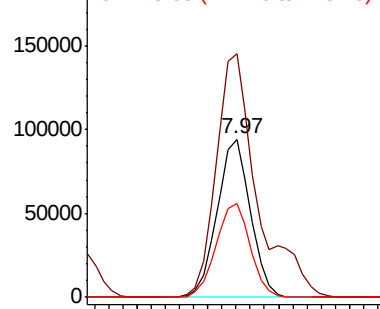


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

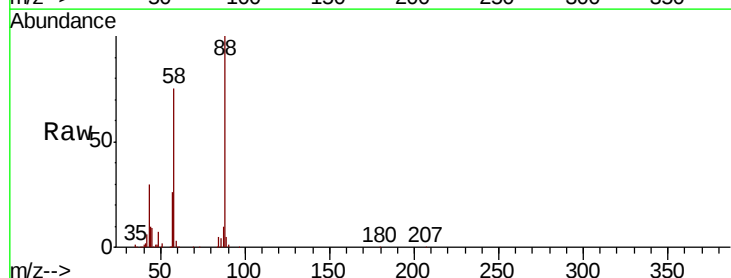
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.727 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	59.8	89.8
43	30.5	22.9	34.3

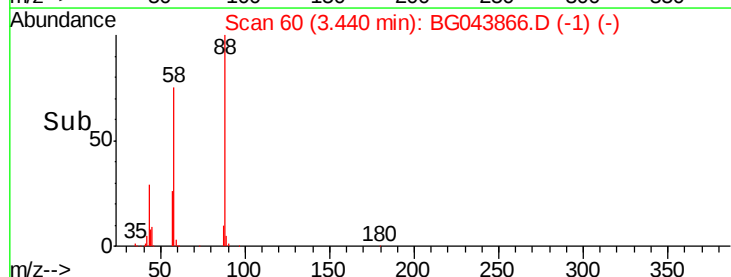
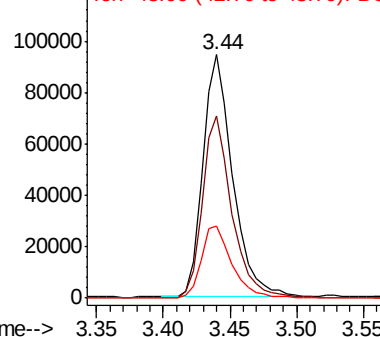


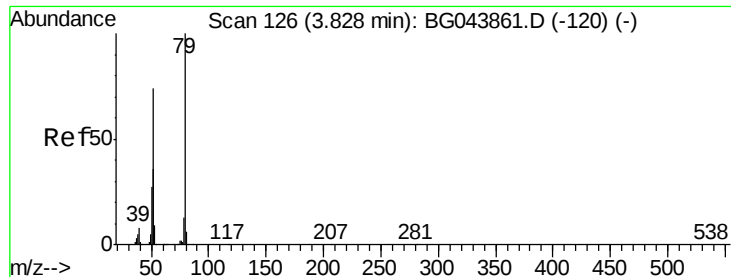
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.181 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

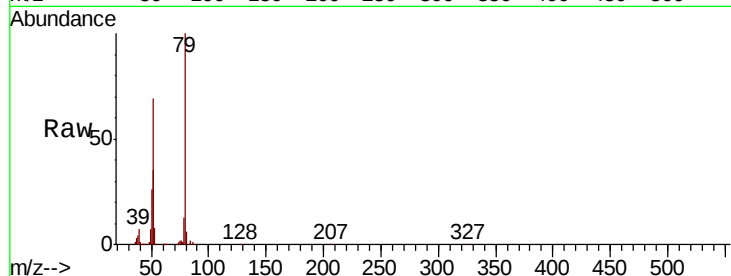
Tot Ion: 79 Resp: 461135

Ion Ratio Lower Upper

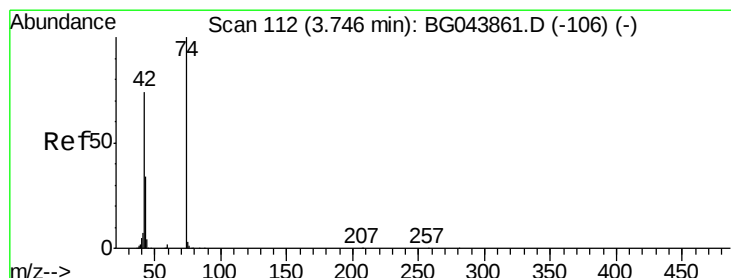
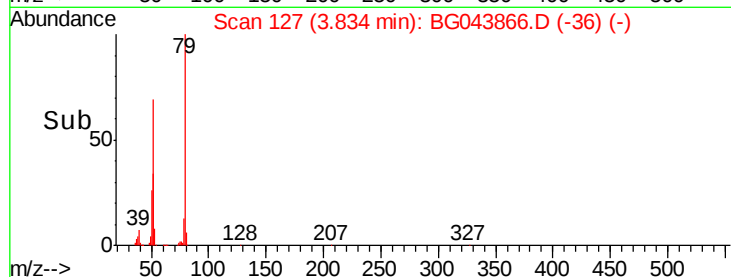
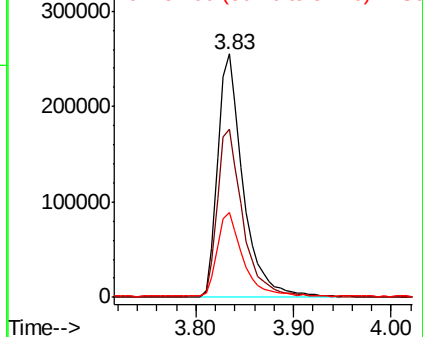
79 100

52 68.9 58.9 88.3

51 35.0 28.6 43.0



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: 40.034 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

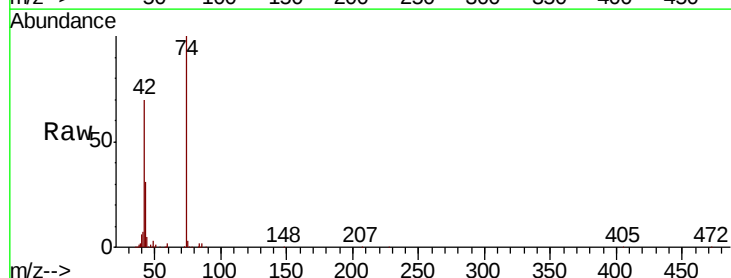
Tgt Ion: 42 Resp: 194859

Ion Ratio Lower Upper

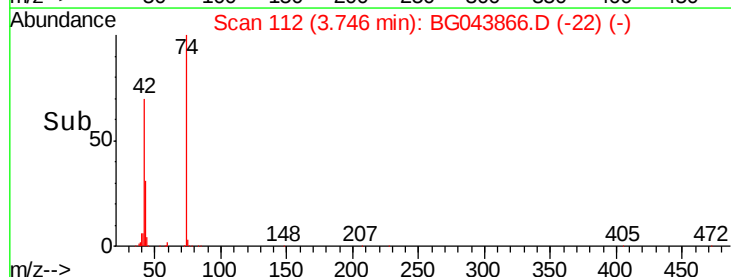
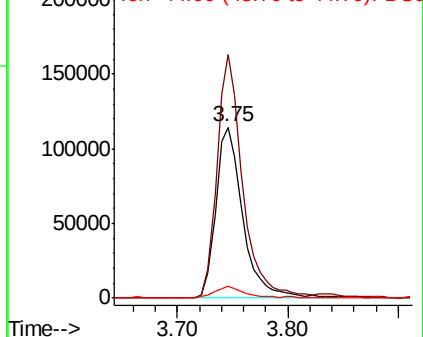
42 100

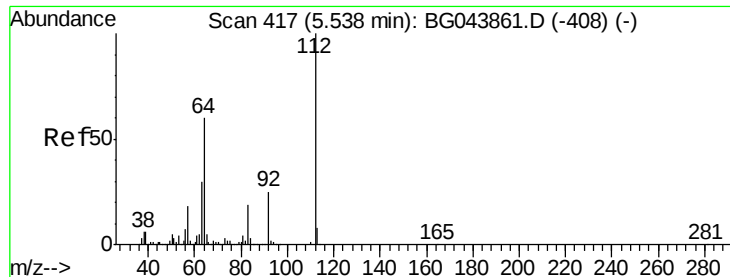
74 142.2 108.6 162.8

44 6.7 5.0 7.6



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: 81.507 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

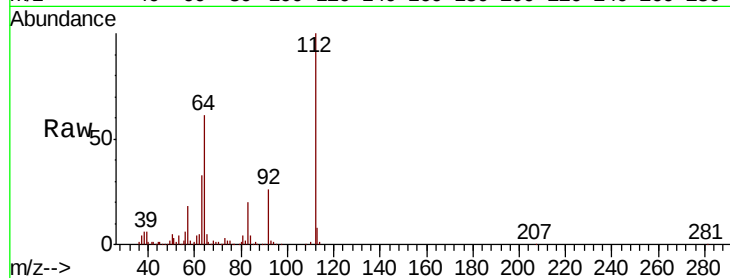
Tot Ion:112 Resp: 691787

Ion Ratio Lower Upper

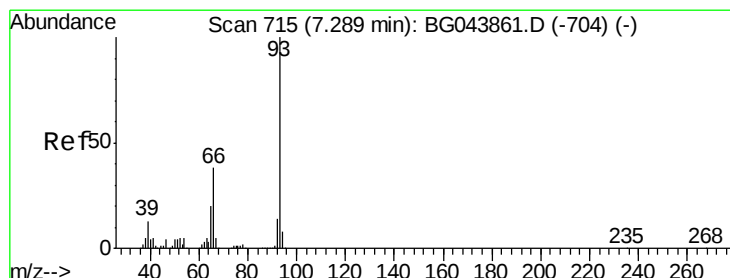
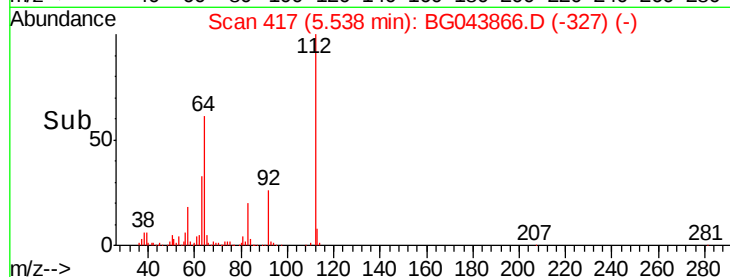
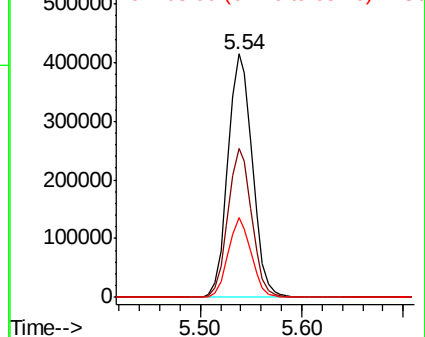
112 100

64 61.3 47.8 71.6

63 32.5 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.242 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

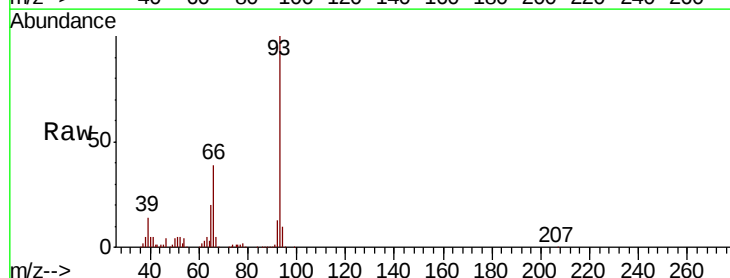
Tgt Ion: 93 Resp: 642669

Ion Ratio Lower Upper

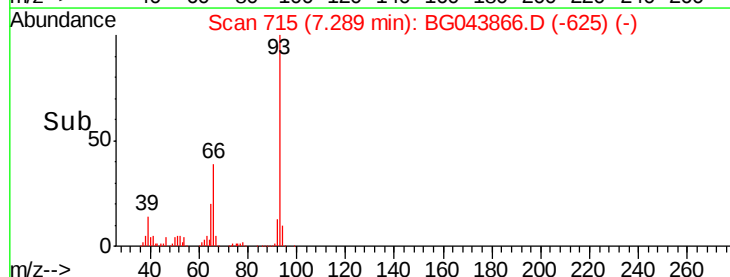
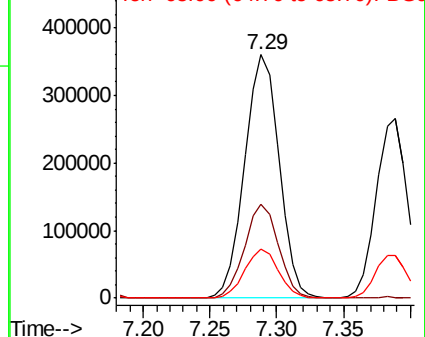
93 100

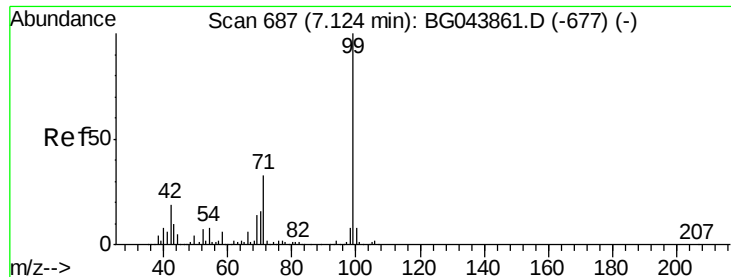
66 38.7 30.8 46.2

65 20.1 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.094 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043866.D

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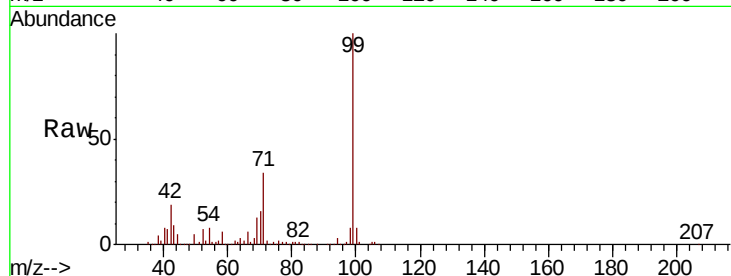
Tot Ion: 99 Resp: 985817

Ion Ratio Lower Upper

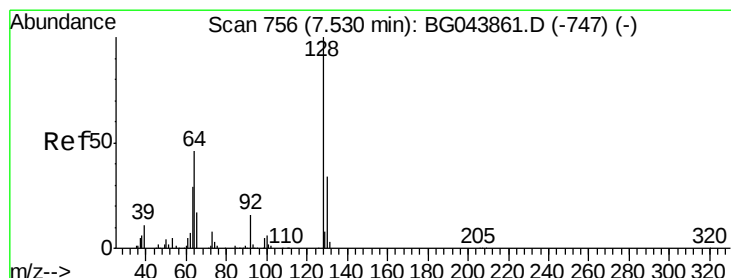
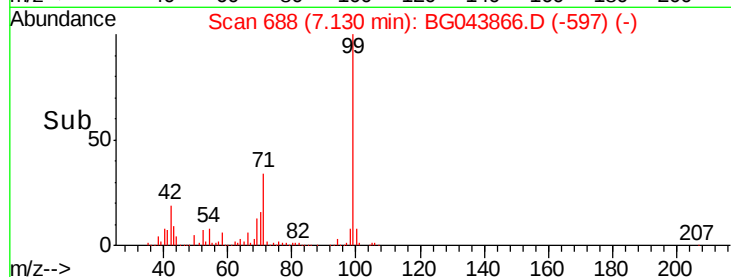
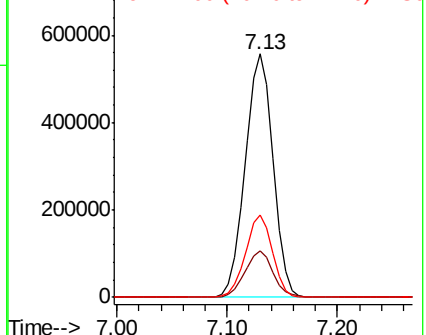
99 100

42 19.1 14.9 22.3

71 33.6 26.4 39.6



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: 40.245 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

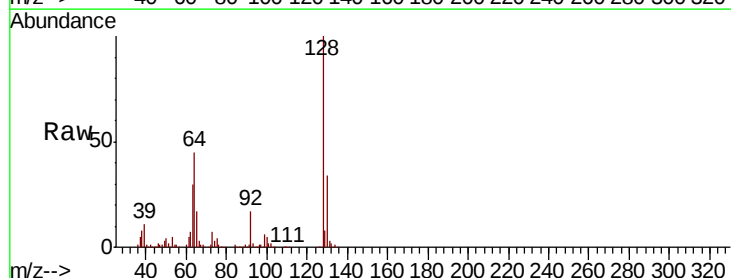
Tgt Ion: 128 Resp: 401006

Ion Ratio Lower Upper

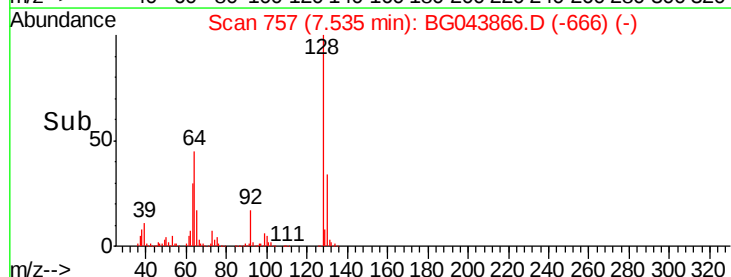
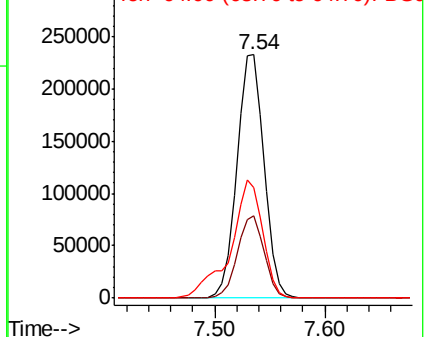
128 100

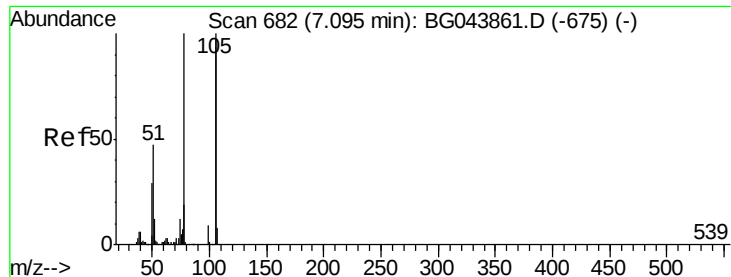
130 33.6 13.8 53.8

64 45.2 27.6 67.6



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: 38.930 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

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ClientSampleId :

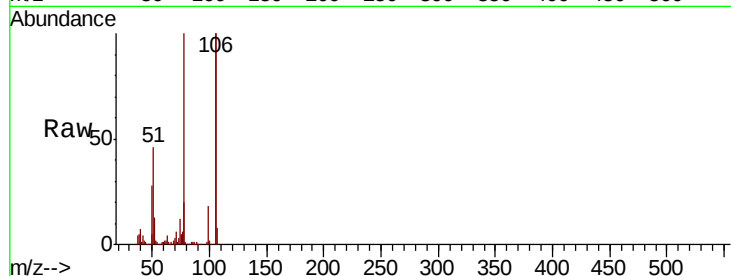
Tot Ion: 77 Resp: 295604

Ion Ratio Lower Upper

77 100

105 99.8 80.2 120.2

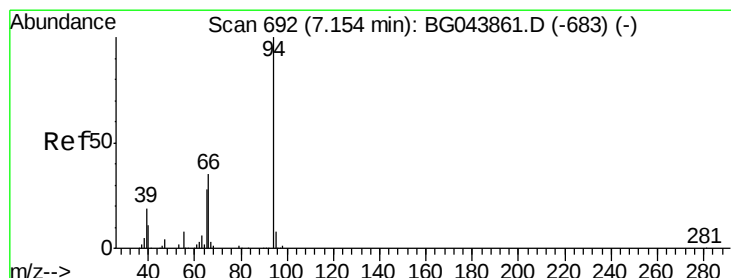
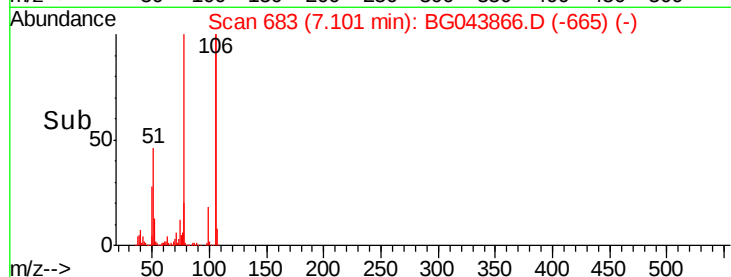
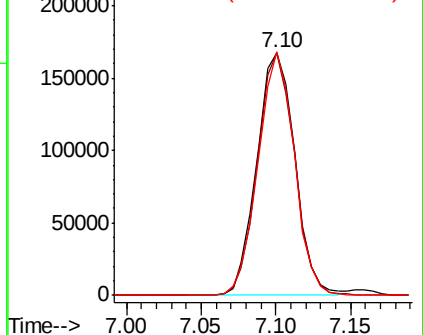
106 100.3 77.2 117.2



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: 41.309 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

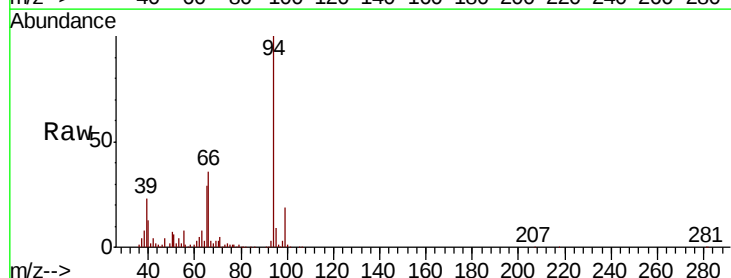
Tgt Ion: 94 Resp: 504947

Ion Ratio Lower Upper

94 100

65 29.0 8.1 48.1

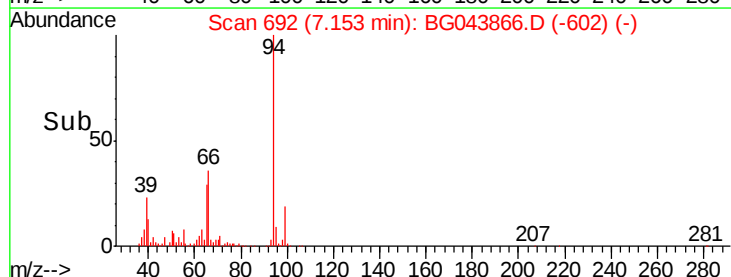
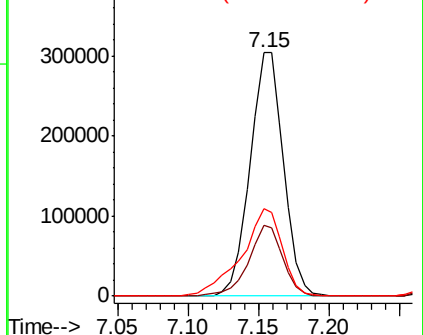
66 36.1 15.6 55.6

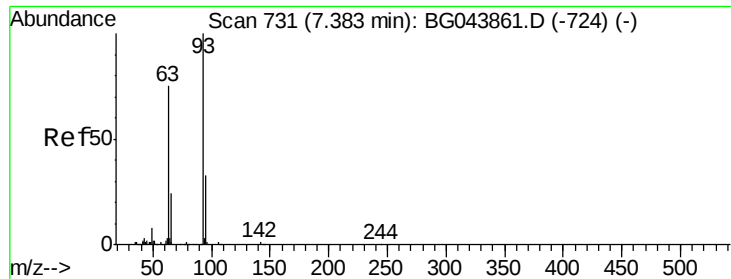


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

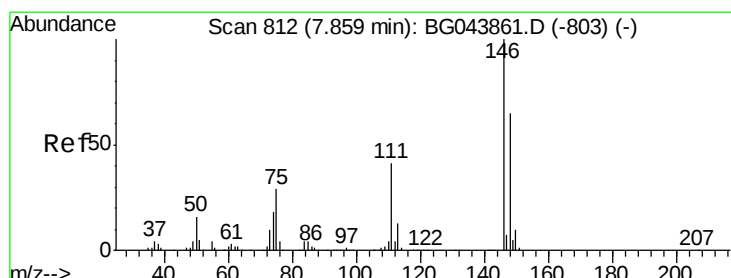
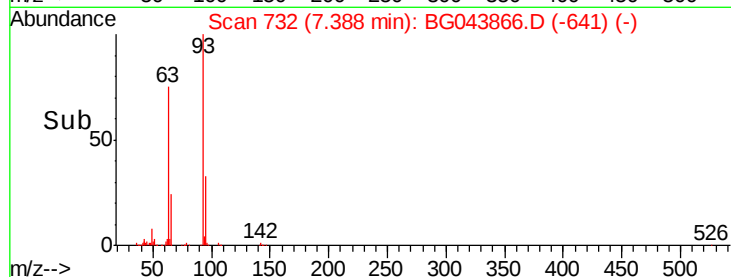
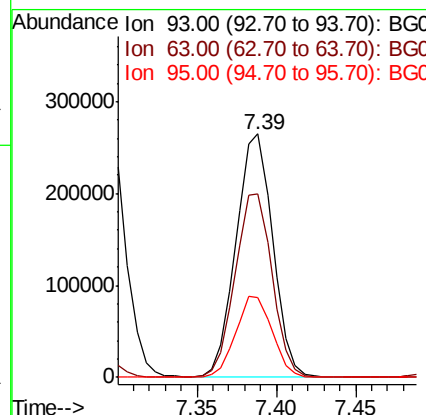
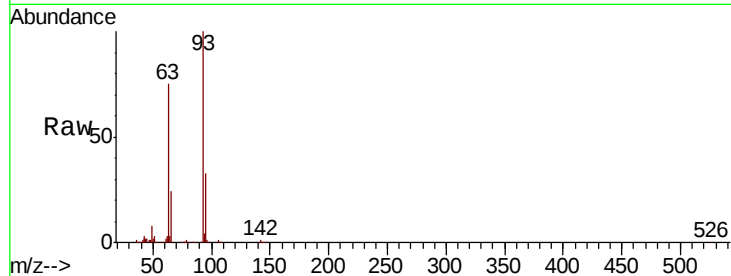




#11
 bis(2-Chloroethyl)ether
 Concen: 40.265 ng
 RT: 7.39 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

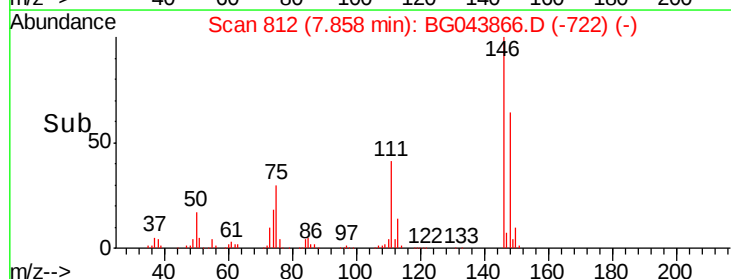
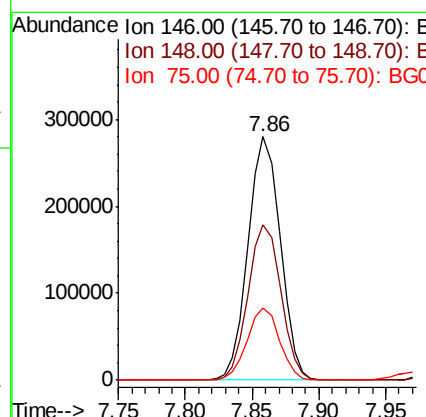
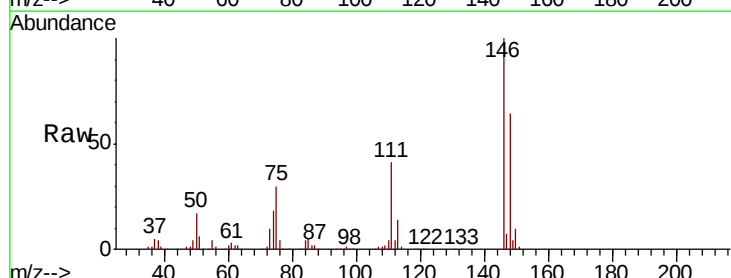
Instrument :
 BNA_G
 ClientSampleId :

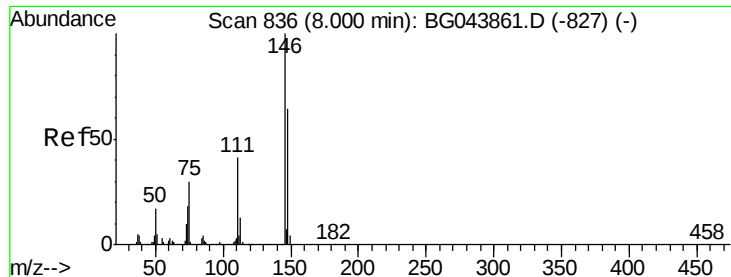
Tot Ion: 93 Resp: 424854
 Ion Ratio Lower Upper
 93 100
 63 75.1 55.0 95.0
 95 32.8 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 40.172 ng
 RT: 7.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion: 146 Resp: 468400
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.1 78.1
 75 29.8 23.0 34.4

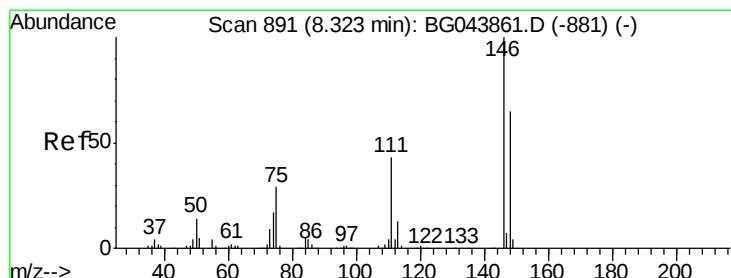
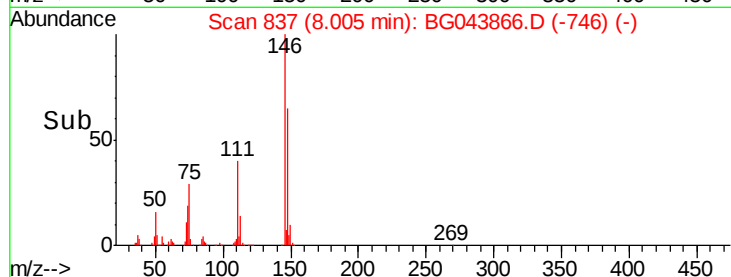
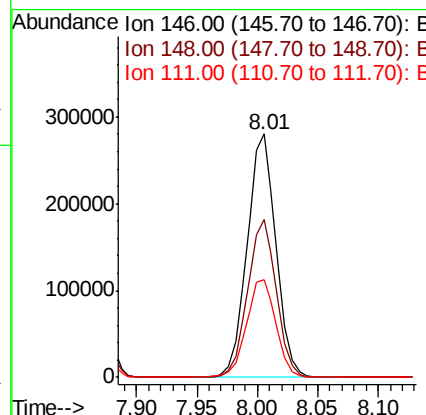
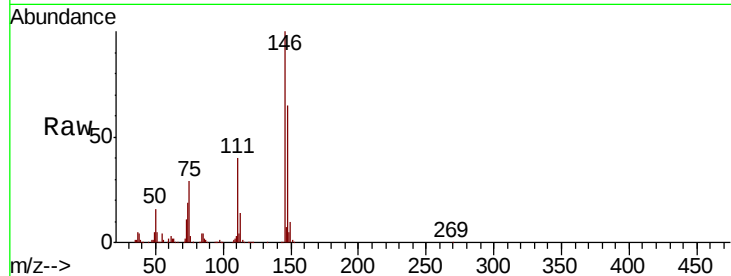




#13
 1,4-Dichlorobenzene
 Concen: 40.351 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

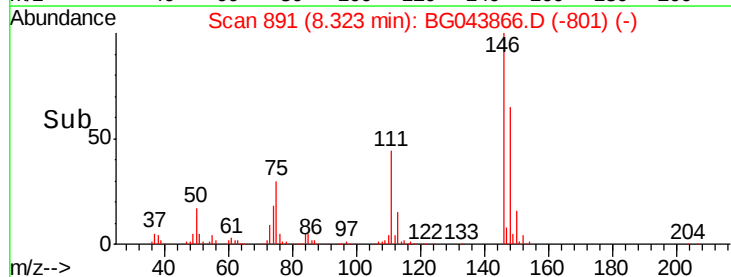
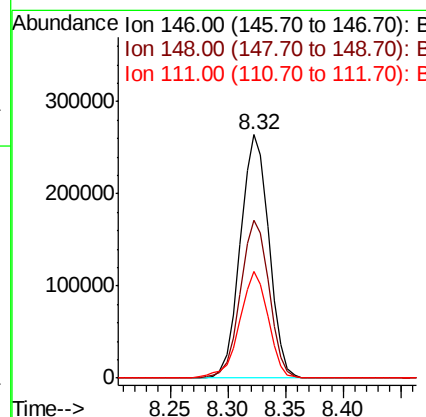
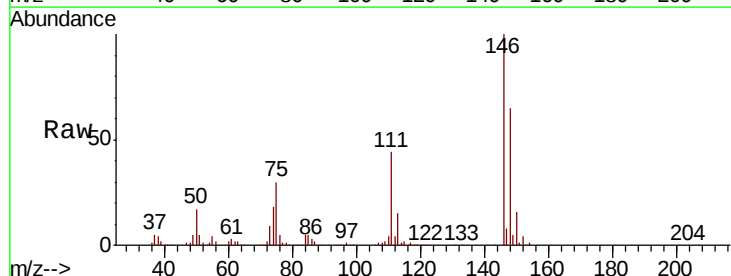
Instrument :
 BNA_G
 ClientSampleId :

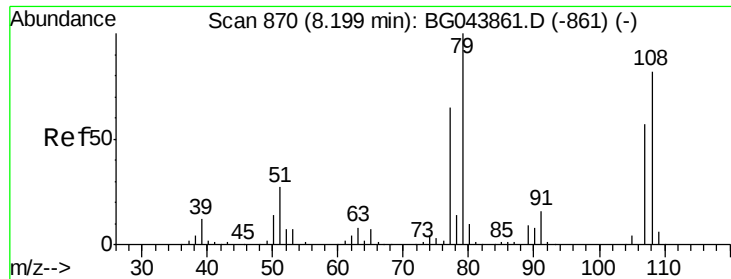
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
111	40.2	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.835 ng
 RT: 8.32 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
111	44.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 40.972 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

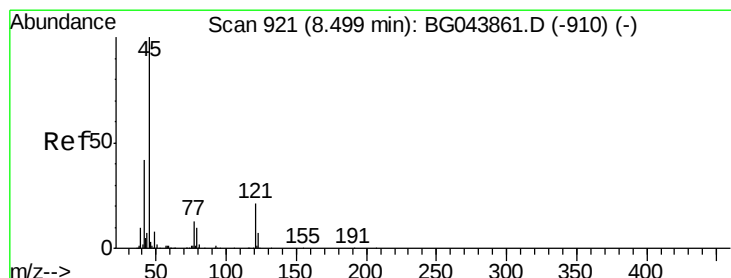
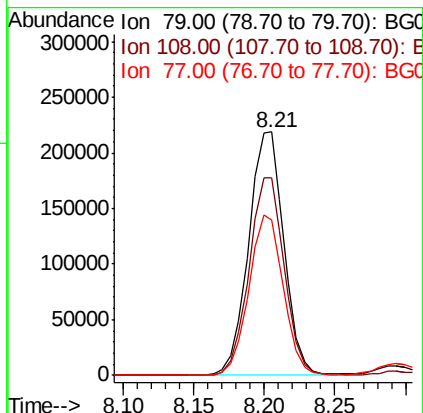
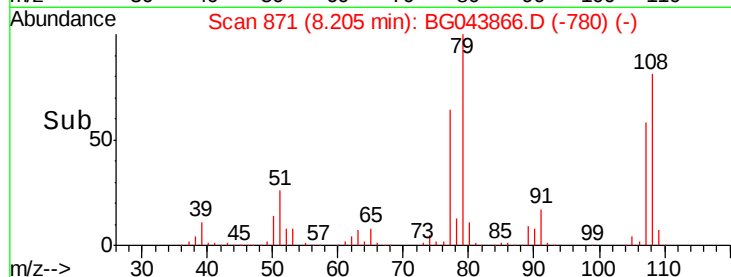
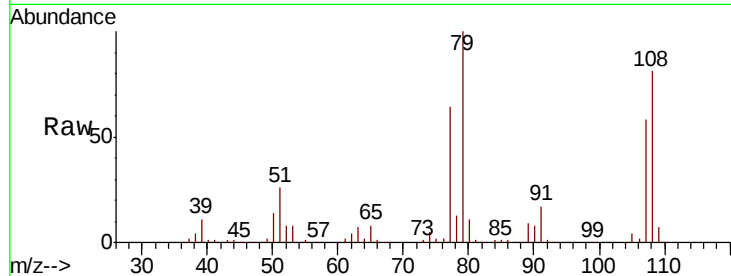
Tot Ion: 79 Resp: 383630

Ion Ratio Lower Upper

79 100

108 81.1 65.6 98.4

77 63.7 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.799 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

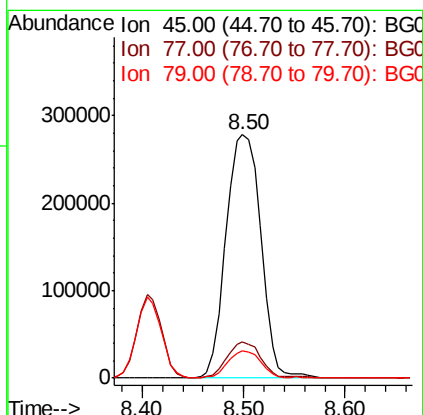
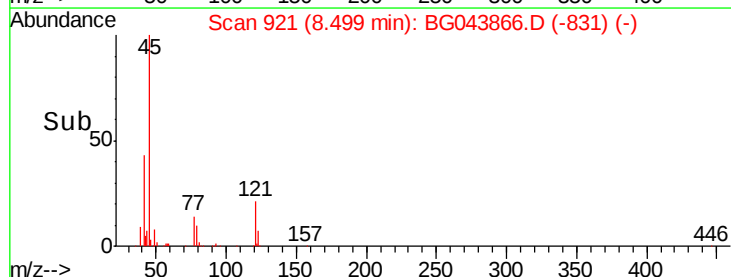
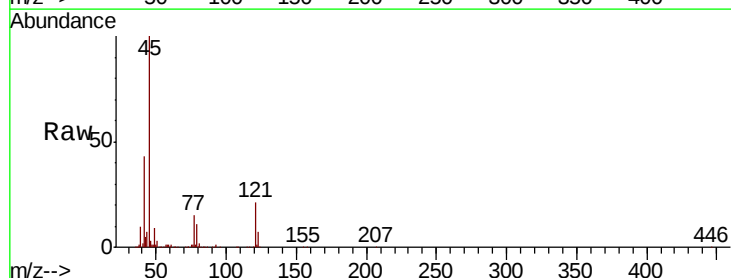
Tgt Ion: 45 Resp: 666003

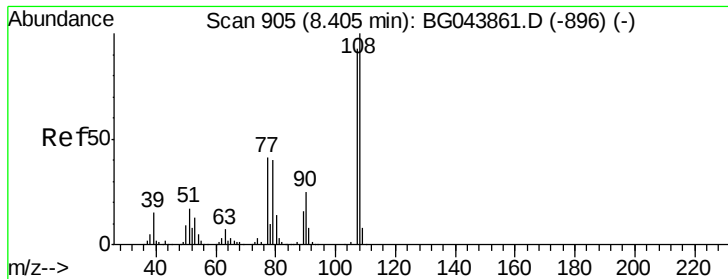
Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.8

79 11.0 0.0 31.0





#17

2-Methylphenol

Concen: 40.984 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 362533

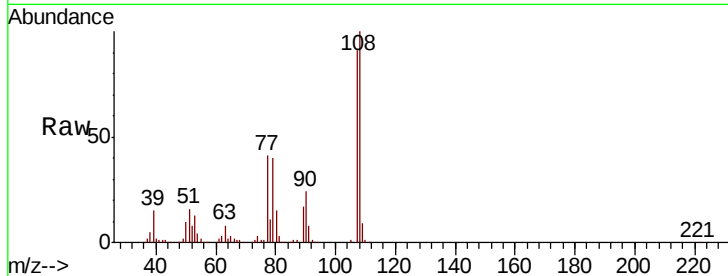
Ion Ratio Lower Upper

107 100

108 110.0 86.1 129.1

77 45.0 35.4 53.0

79 43.6 34.8 52.2

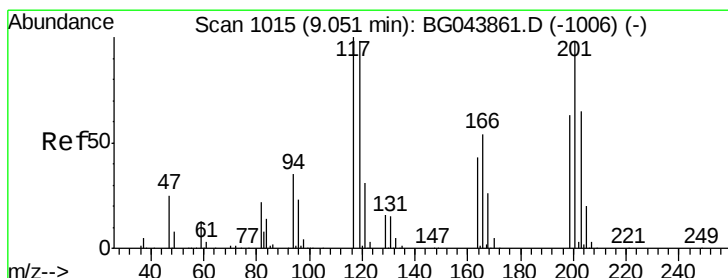
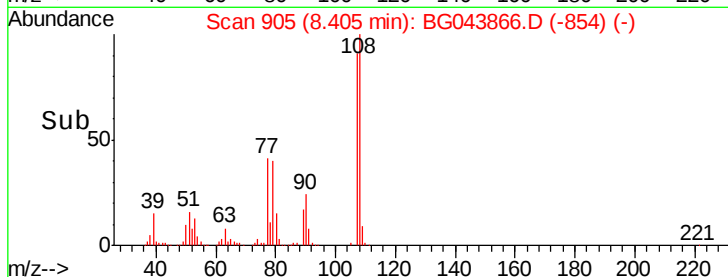
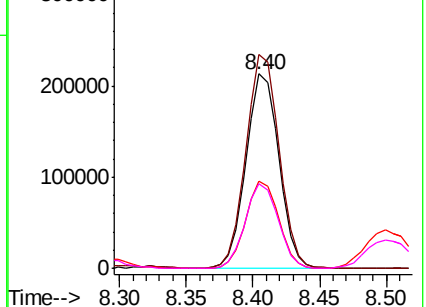


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.246 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

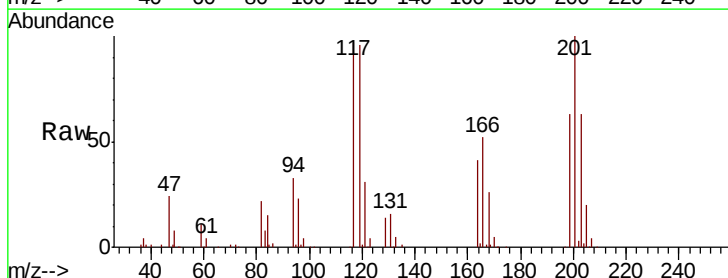
Tgt Ion:117 Resp: 180167

Ion Ratio Lower Upper

117 100

119 99.3 78.1 117.1

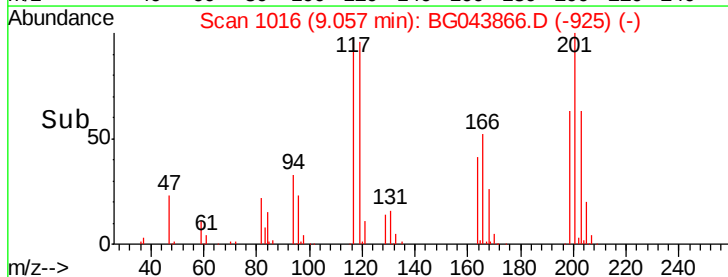
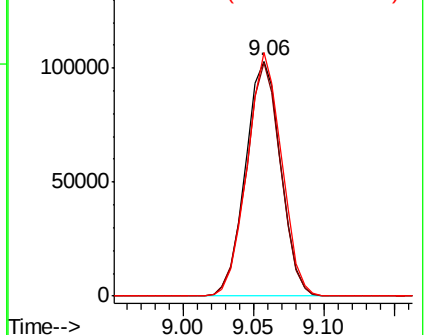
201 103.6 78.6 117.8

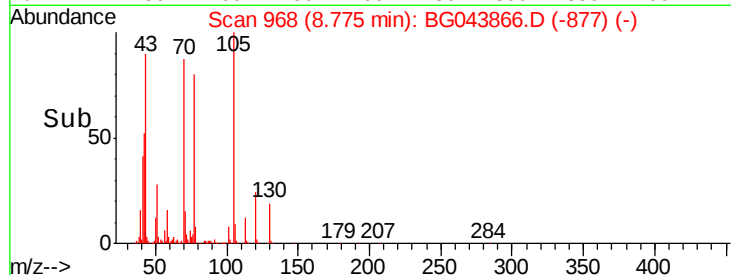
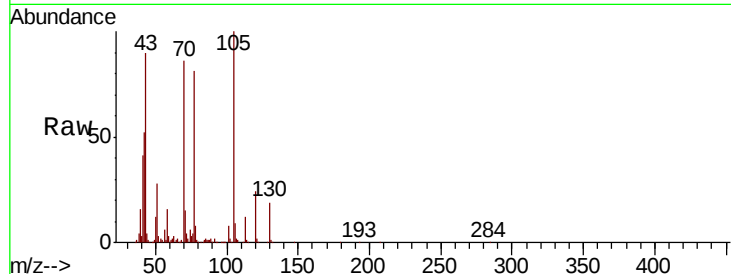
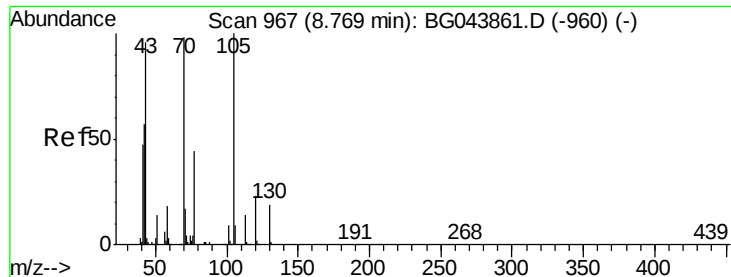


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

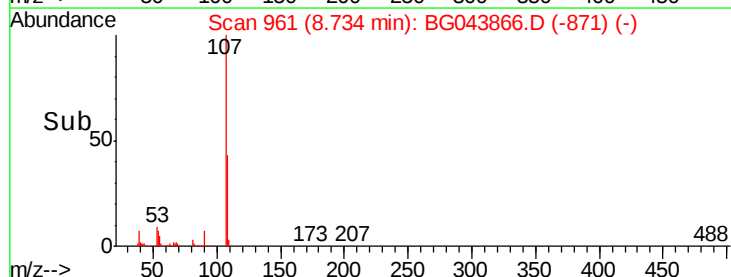
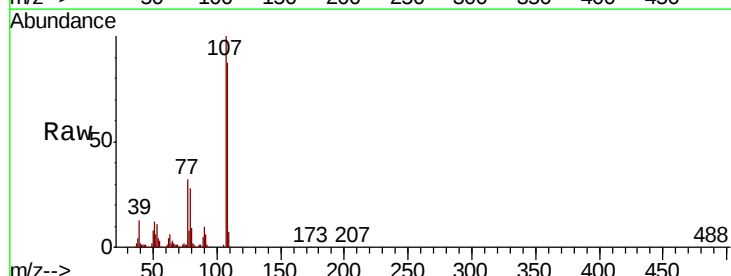
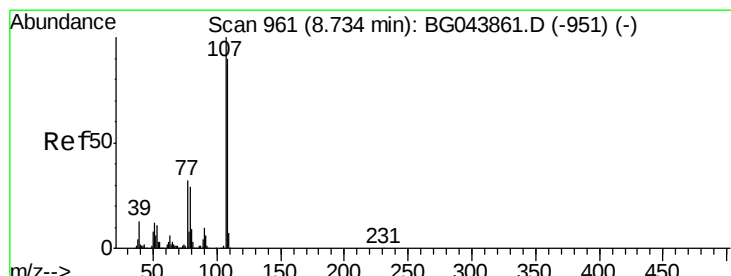
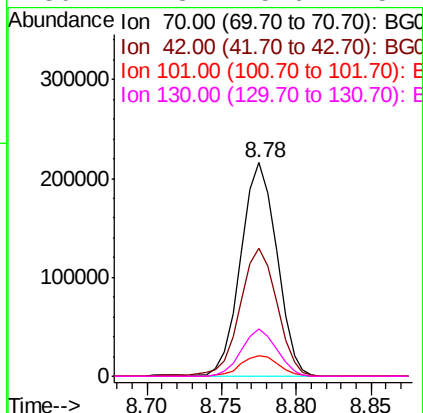




#19
n-Nitroso-di-n-propylamine
Concen: 40.912 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

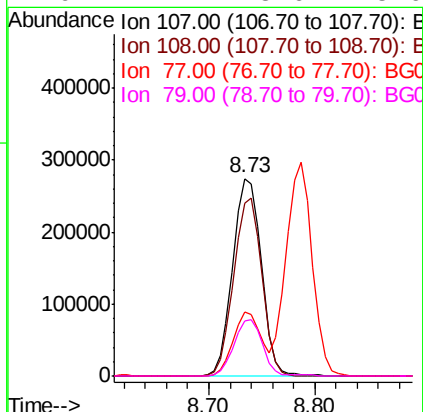
Instrument :
BNA_G
ClientSampleId :

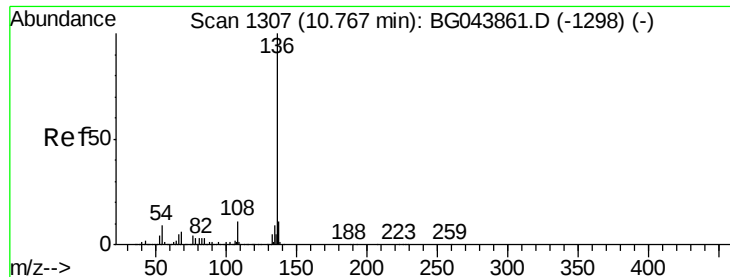
Tot Ion:	70	Resp:	361463
Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.0	70.4
101	9.6	7.2	10.8
130	22.3	15.6	23.4



#20
3+4-Methylphenols
Concen: 41.647 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:	107	Resp:	513922
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.3	110.3
77	32.2	12.4	52.4
79	27.7	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 676741

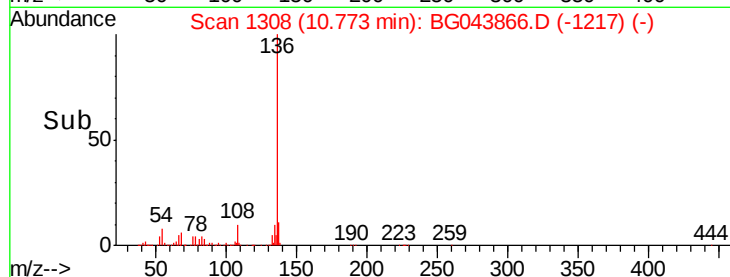
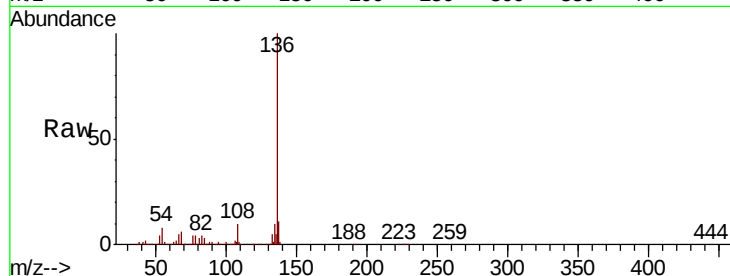
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.5 7.0 10.4

68 6.2 4.9 7.3

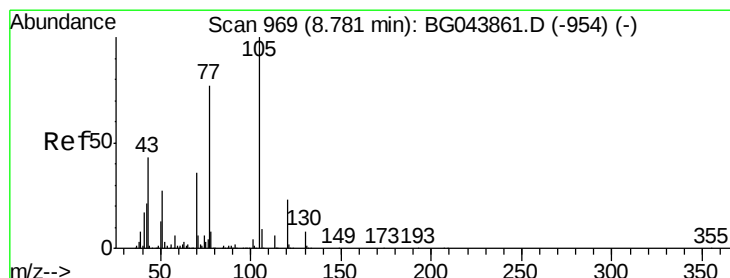
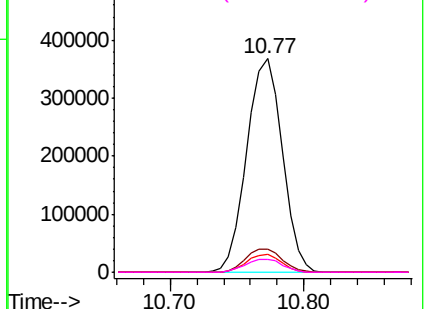


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.564 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Tgt Ion:105 Resp: 665642

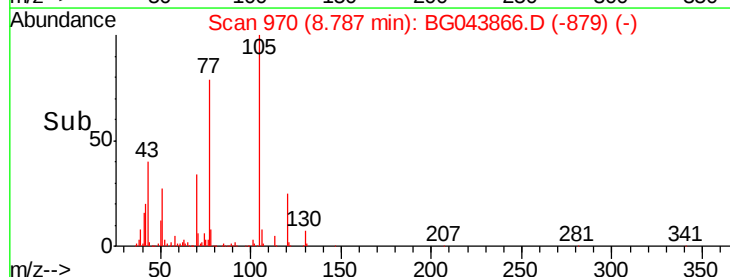
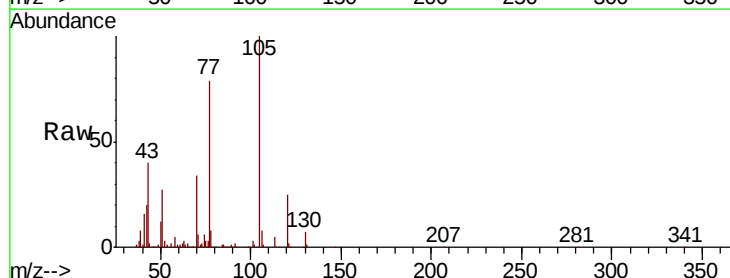
Ion Ratio Lower Upper

105 100

71 5.7 4.8 7.2

51 27.4 21.4 32.0

120 24.8 18.6 28.0

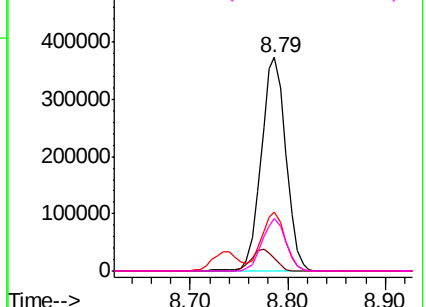


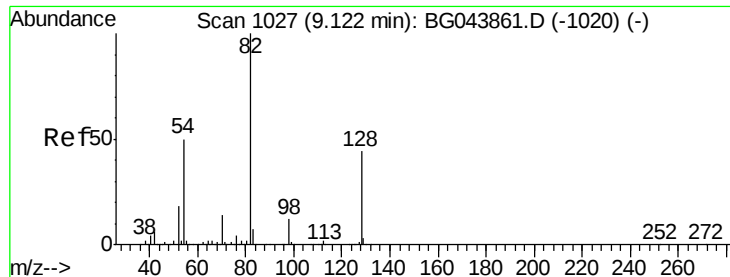
Abundance Ion 105.00 (104.70 to 105.70): E

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

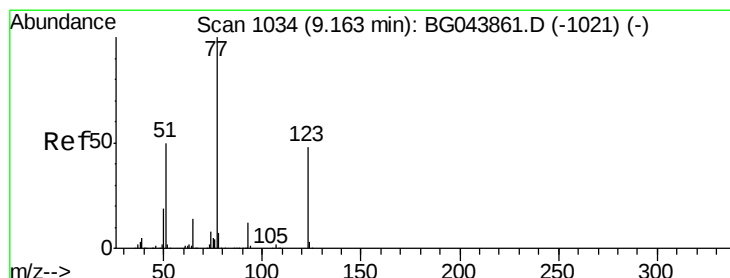
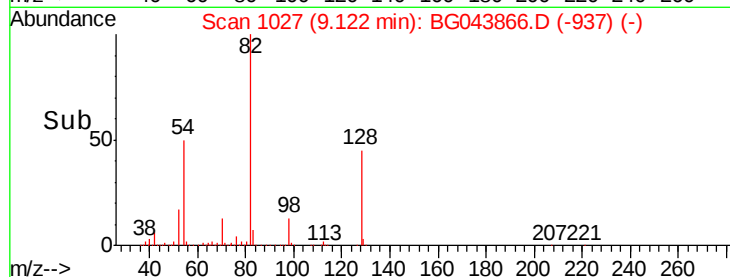
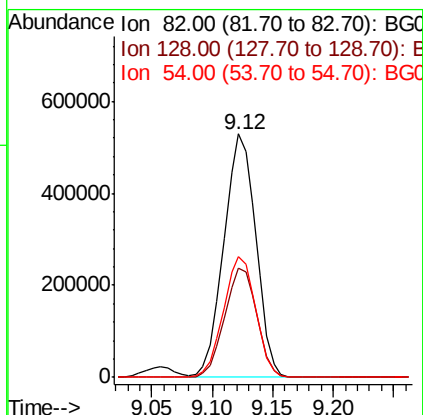
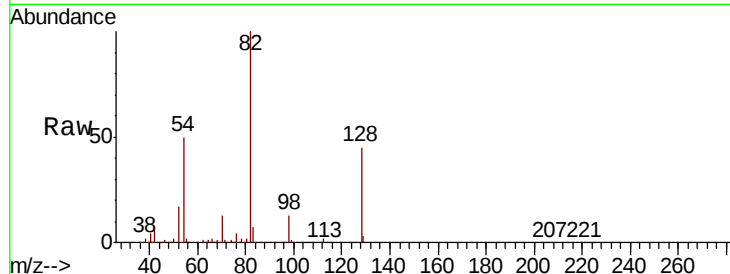




#23
 Nitrobenzene-d5
 Concen: 77.081 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

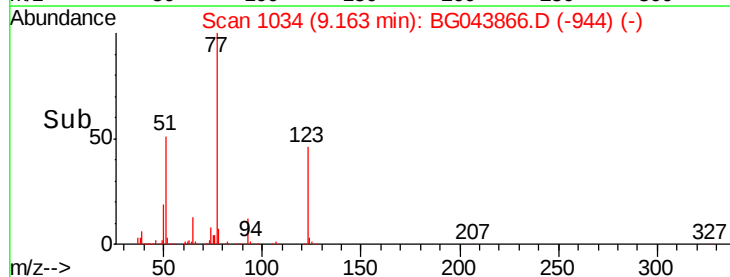
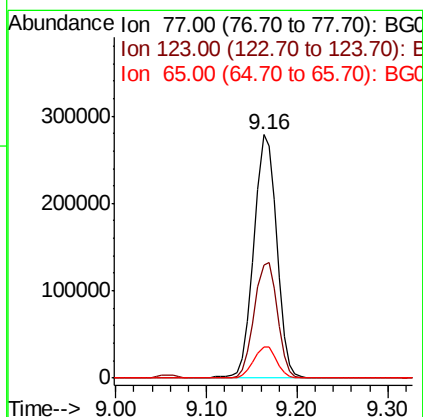
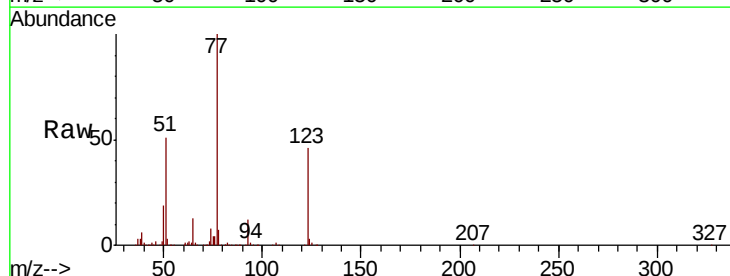
Instrument :
 BNA_G
 ClientSampleId :

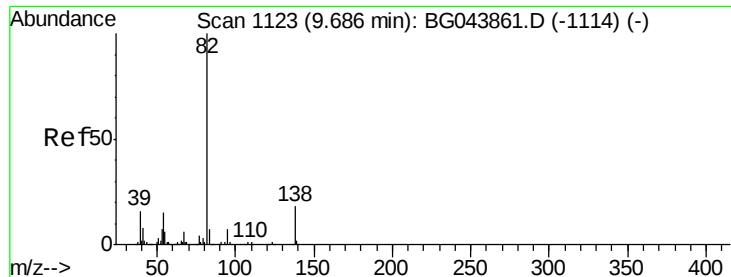
Tot Ion	82	Resp	975105
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.1	52.7
54	49.7	40.1	60.1



#24
 Nitrobenzene
 Concen: 39.008 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion	77	Resp	488745
Ion Ratio	Lower	Upper	
77	100		
123	46.3	38.7	58.1
65	13.0	11.1	16.7





#25

Isophorone

Concen: 40.255 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

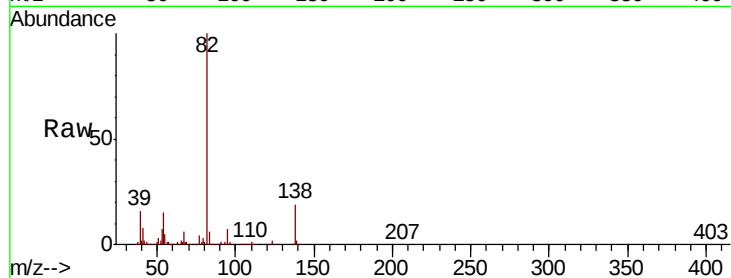
Tot Ion: 82 Resp: 955378

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

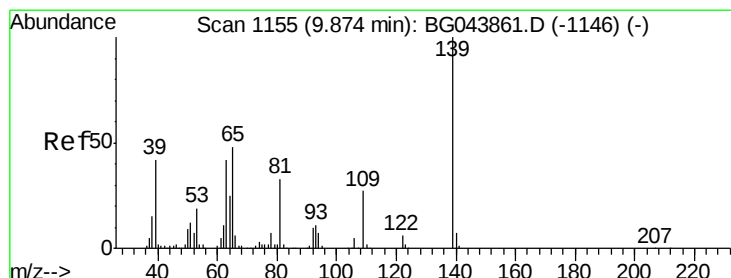
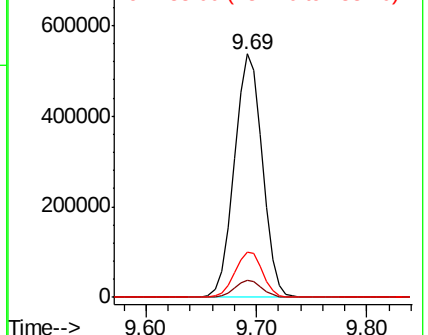
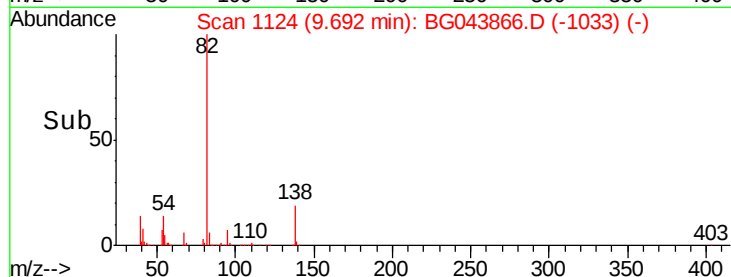
138 18.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BG043866.D (-1123) (-)

Ion 95.00 (94.70 to 95.70): BG043866.D (-1123) (-)

Ion 138.00 (137.70 to 138.70): BG043866.D (-1123) (-)



#26

2-Nitrophenol

Concen: 40.436 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

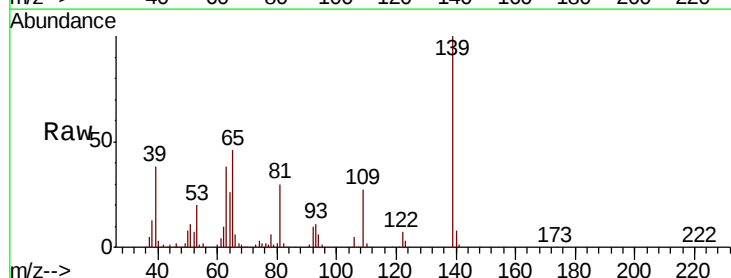
Tgt Ion: 139 Resp: 239696

Ion Ratio Lower Upper

139 100

109 26.7 21.3 31.9

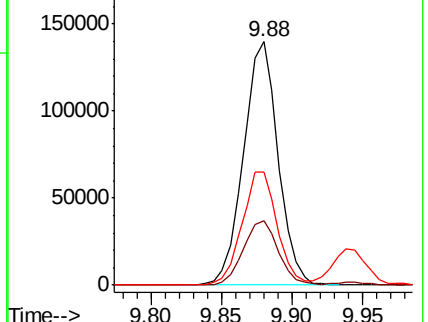
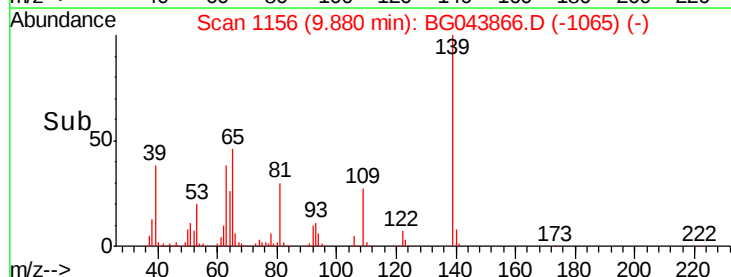
65 46.5 38.6 57.8

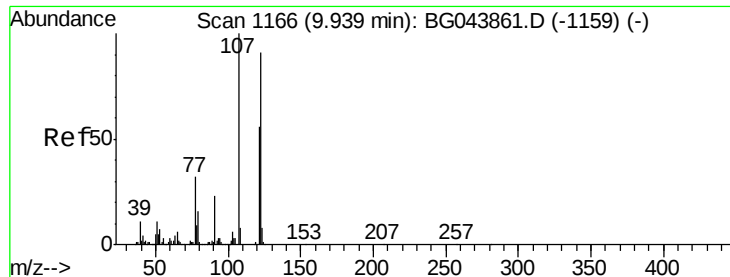


Abundance Ion 139.00 (138.70 to 139.70): BG043866.D (-1155) (-)

Ion 109.00 (108.70 to 109.70): BG043866.D (-1155) (-)

Ion 65.00 (64.70 to 65.70): BG043866.D (-1155) (-)





#27

2,4-Dimethylphenol

Concen: 39.451 ng

RT: 9.94 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

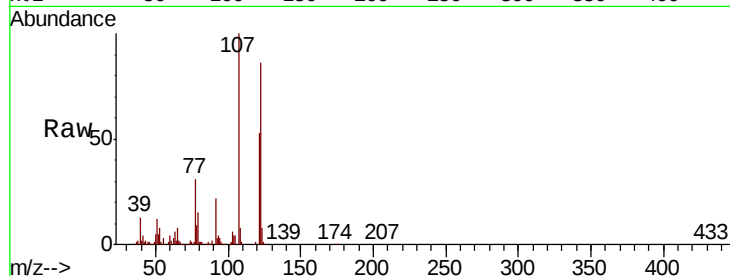
Tot Ion:122 Resp: 352021

Ion Ratio Lower Upper

122 100

107 116.5 88.0 132.0

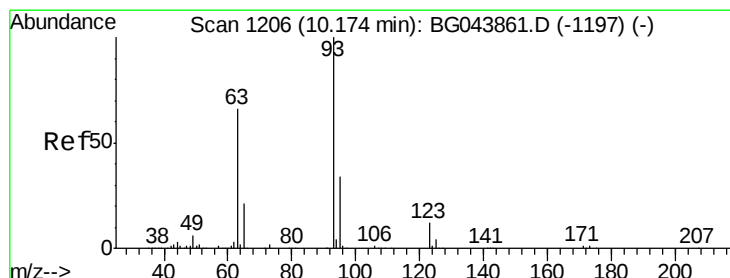
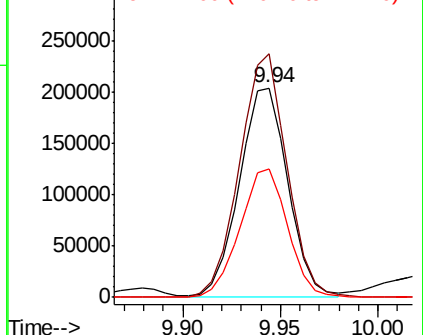
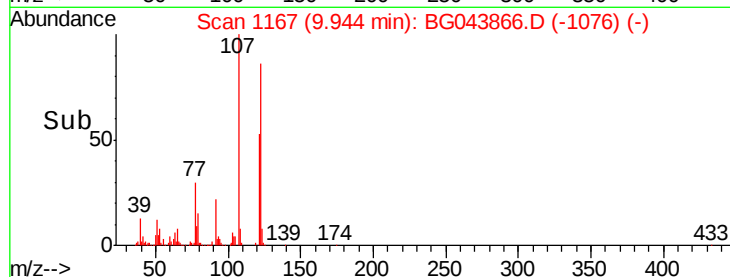
121 61.7 49.0 73.4



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: 39.996 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

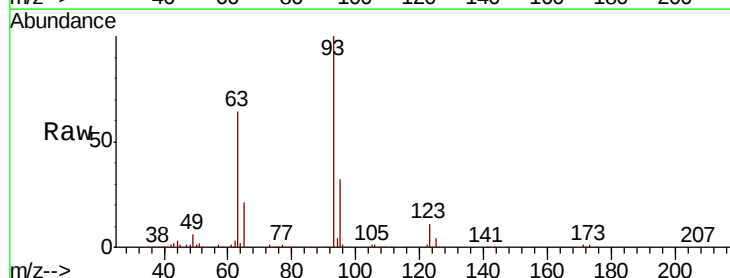
Tgt Ion: 93 Resp: 632834

Ion Ratio Lower Upper

93 100

95 32.0 27.2 40.8

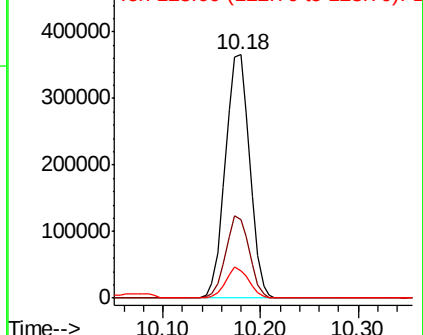
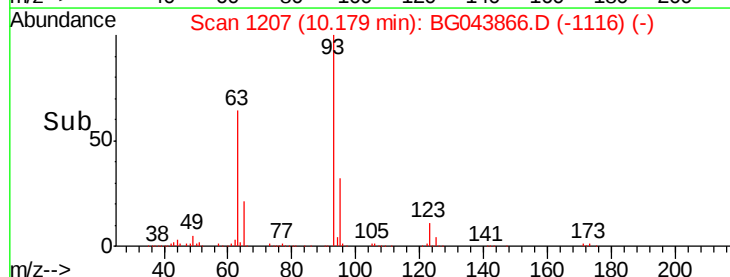
123 11.4 9.7 14.5

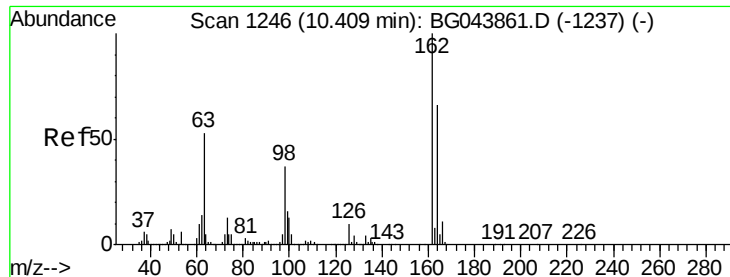


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

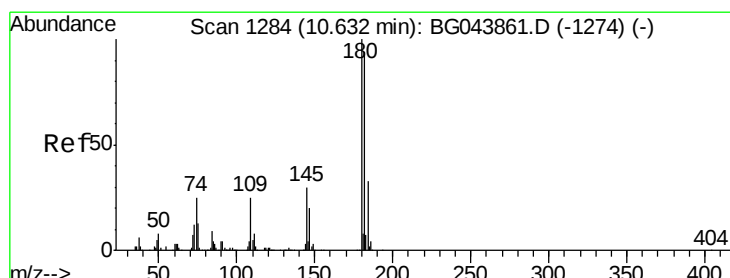
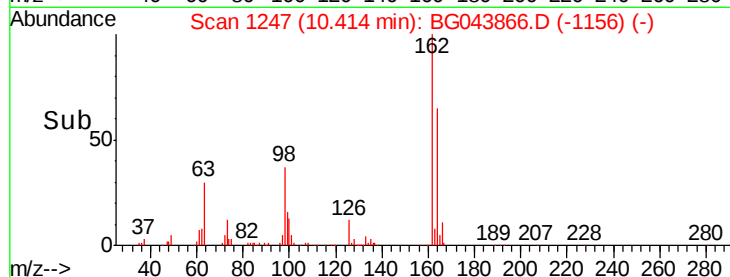
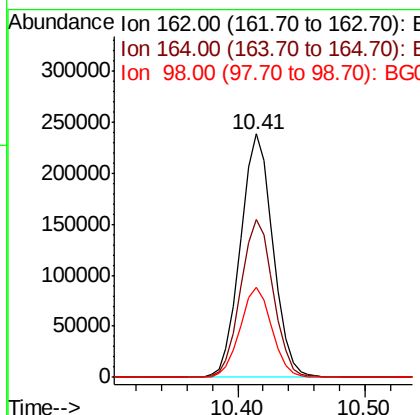
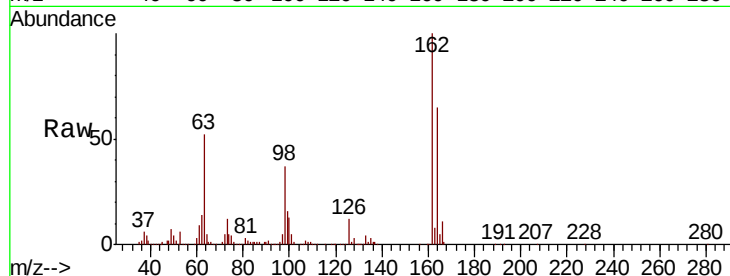




#29
 2,4-Dichlorophenol
 Concen: 39.740 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

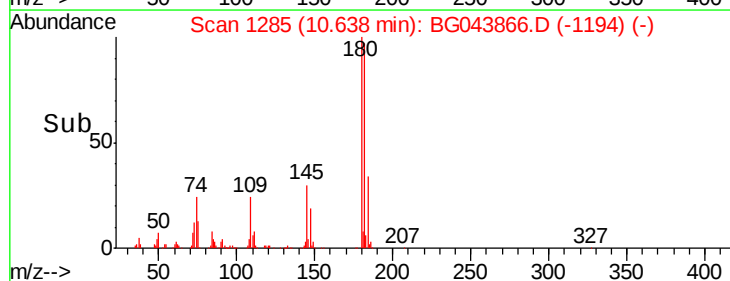
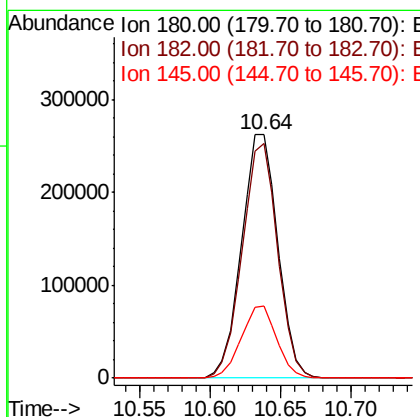
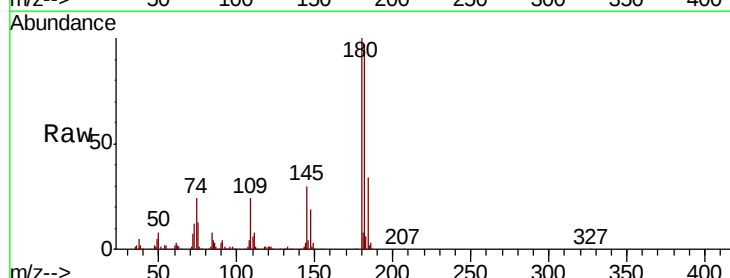
Instrument :
 BNA_G
 ClientSampleId :

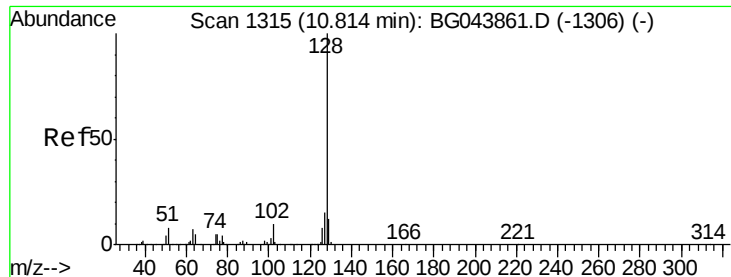
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.3	86.3
98	37.0	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.534 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.0	112.4
145	29.7	24.2	36.4

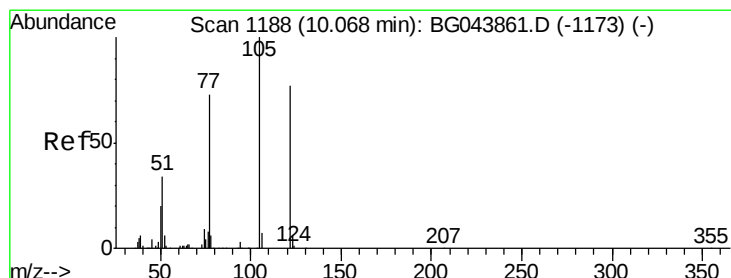
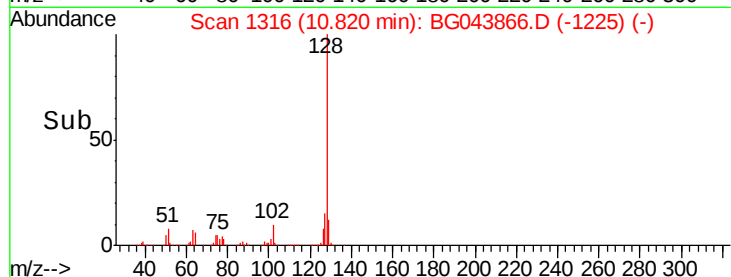
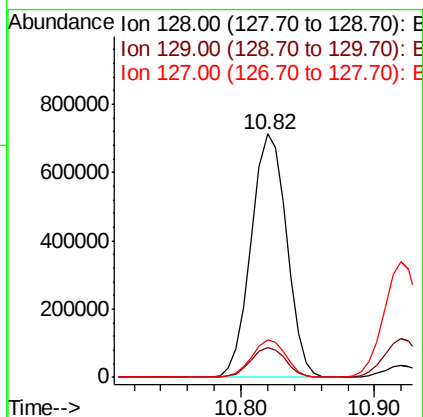
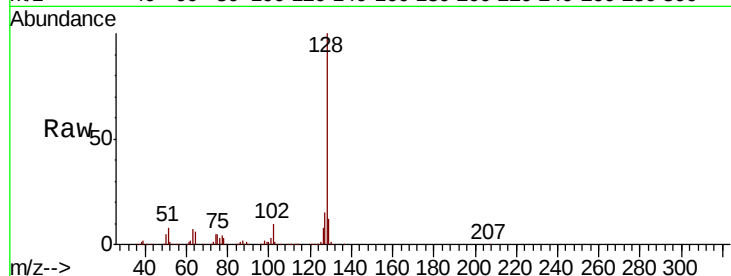




#31
Naphthalene
Concen: 40.050 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

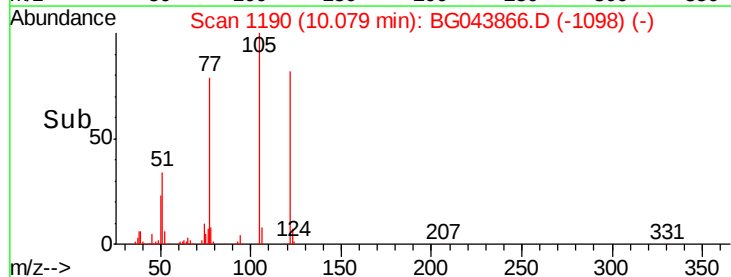
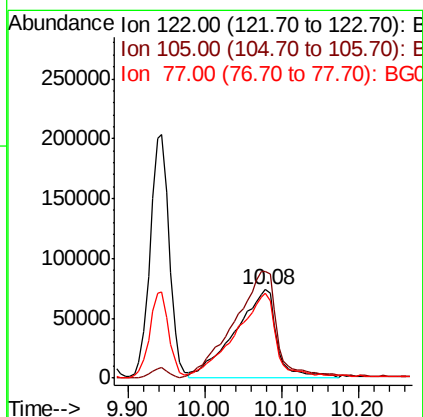
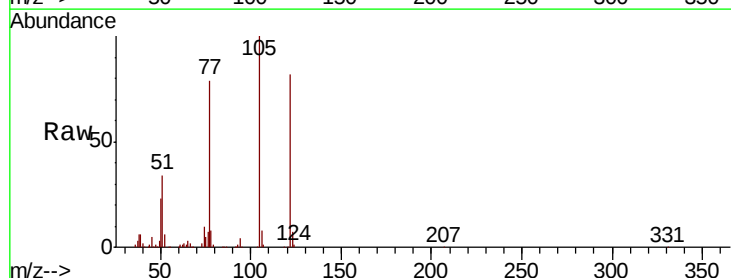
Instrument :
BNA_G
ClientSampled :

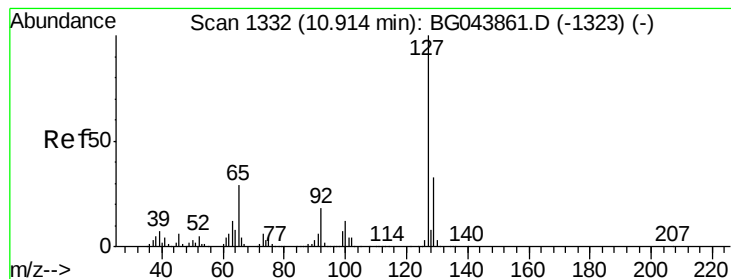
Tot Ion:128 Resp: 1311585
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 15.2 12.0 18.0



#32
Benzoic acid
Concen: 40.112 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:122 Resp: 282878
Ion Ratio Lower Upper
122 100
105 121.4 106.4 146.4
77 96.5 74.6 114.6





#33

4-Chloroaniline

Concen: 39.910 ng

RT: 10.92 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampled :

Tot Ion:127 Resp: 623384

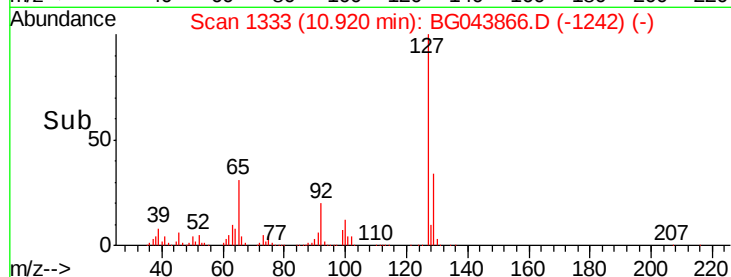
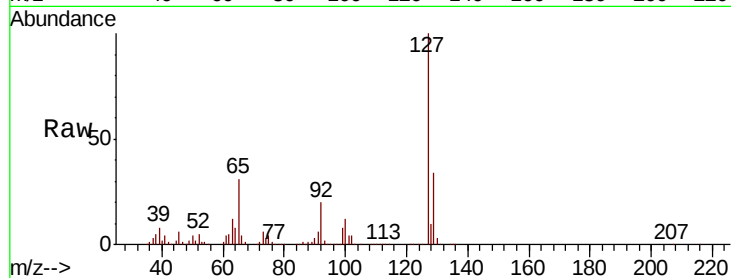
Ion Ratio Lower Upper

127 100

129 33.8 26.6 40.0

65 30.7 23.3 34.9

92 19.5 14.7 22.1

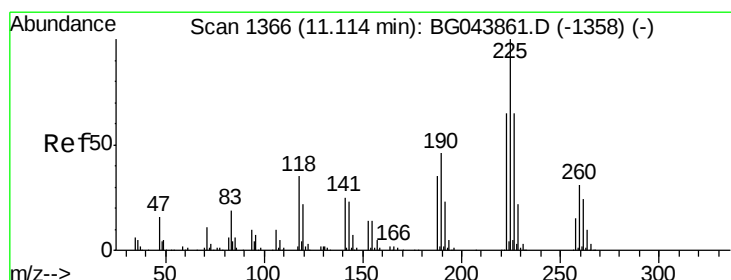
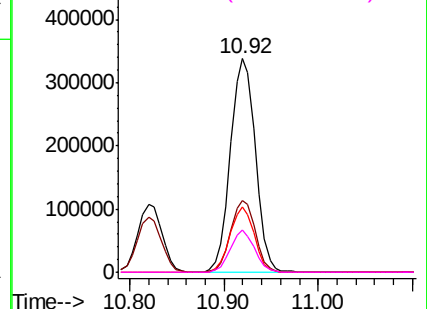


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 39.461 ng

RT: 11.12 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

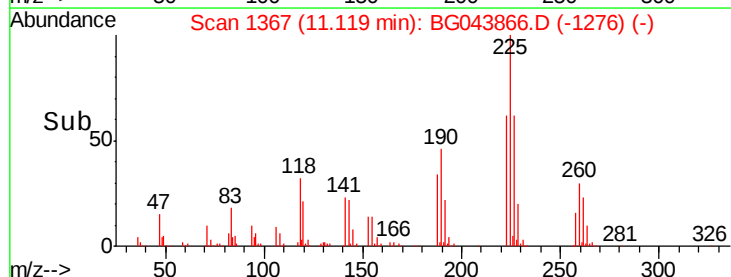
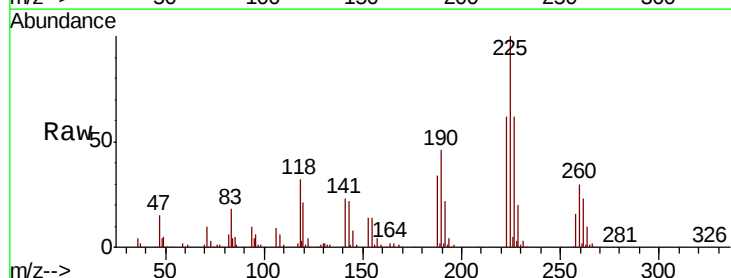
Tgt Ion:225 Resp: 287532

Ion Ratio Lower Upper

225 100

223 61.6 52.2 78.4

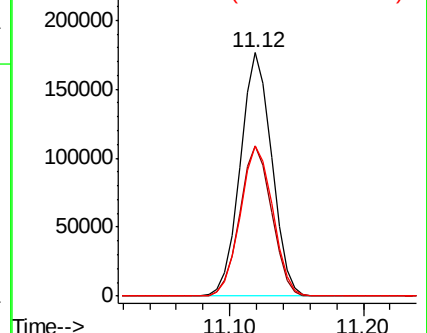
227 61.9 52.1 78.1

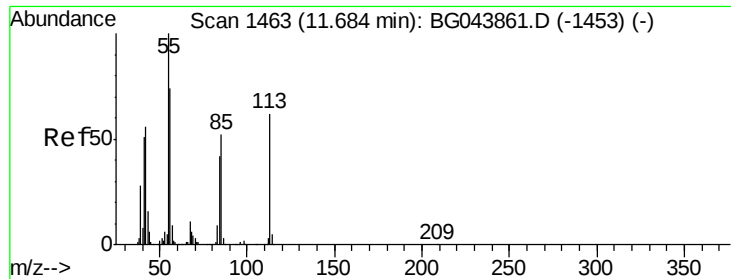


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.405 ng

RT: 11.69 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampled :

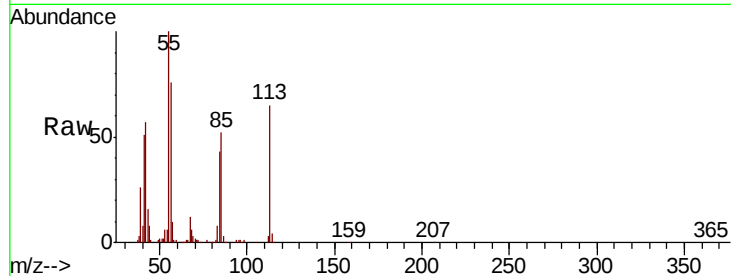
Tot Ion:113 Resp: 160097

Ion Ratio Lower Upper

113 100

55 154.6 142.5 182.5

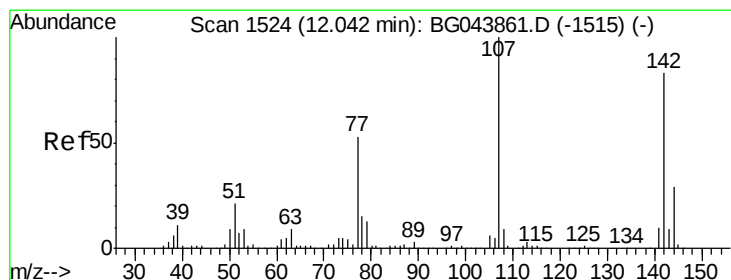
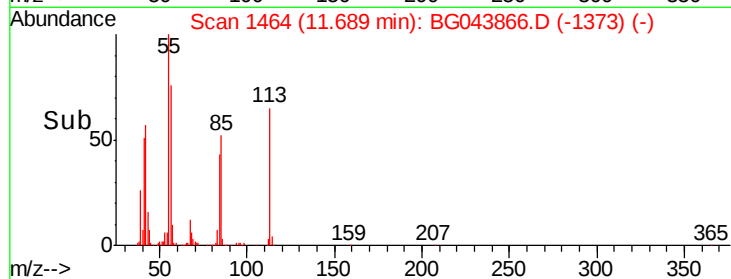
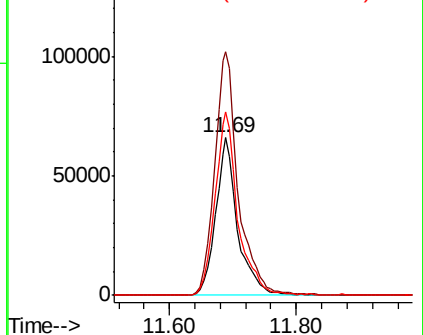
56 116.8 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.376 ng

RT: 12.05 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

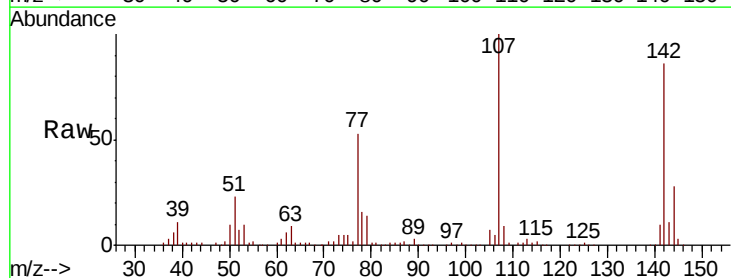
Tgt Ion:107 Resp: 457488

Ion Ratio Lower Upper

107 100

144 28.0 23.4 35.2

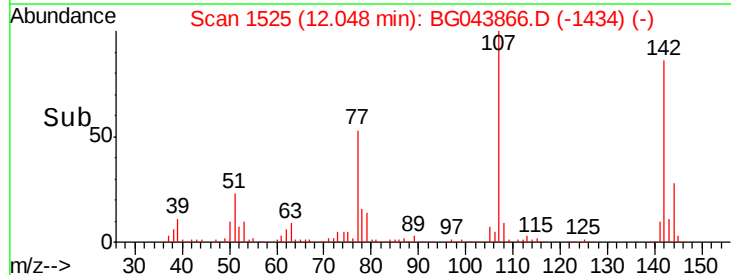
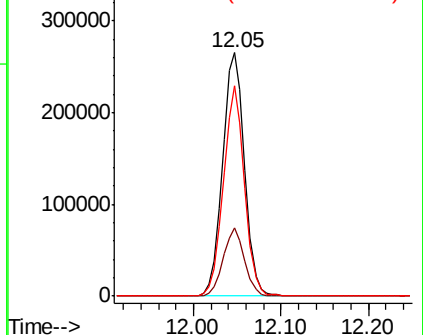
142 86.5 66.3 99.5

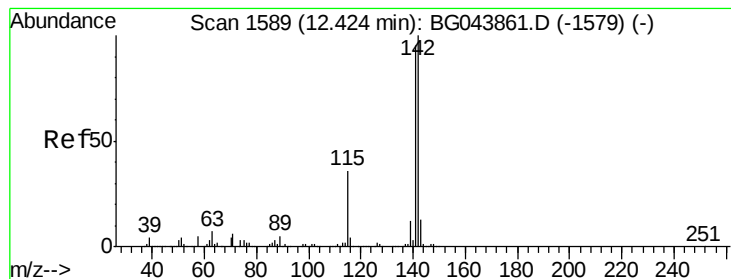


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.253 ng

RT: 12.43 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

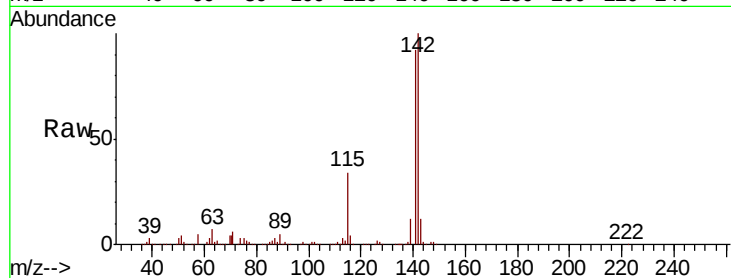
Tot Ion:142 Resp: 992451

Ion Ratio Lower Upper

142 100

141 91.5 75.8 113.8

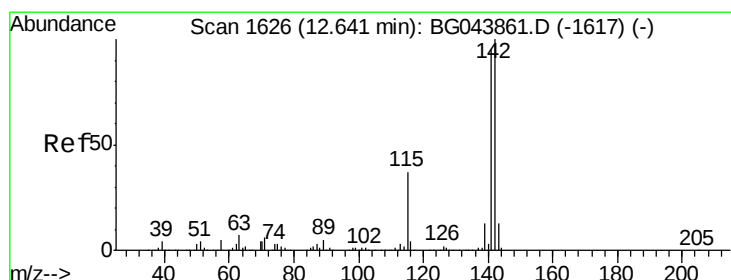
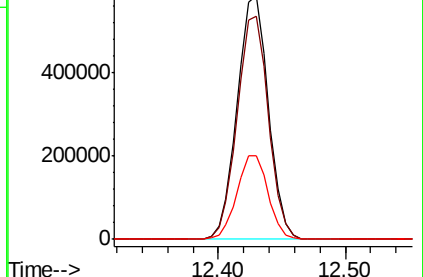
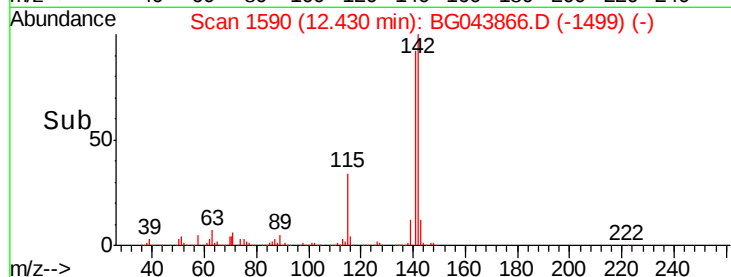
115 34.5 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.301 ng

RT: 12.65 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

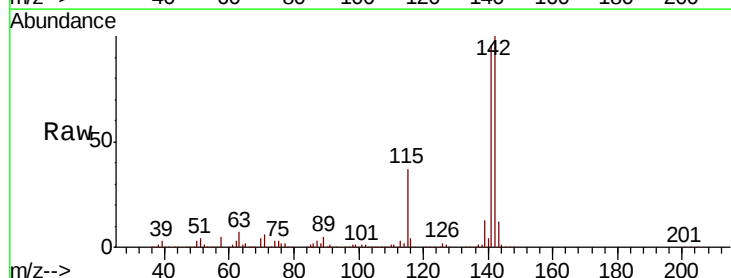
Tgt Ion:142 Resp: 941712

Ion Ratio Lower Upper

142 100

141 96.1 76.0 114.0

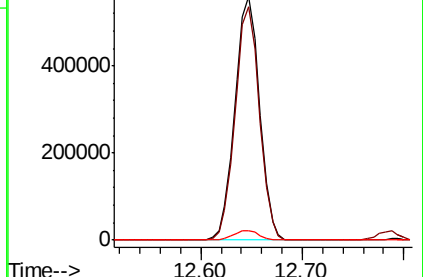
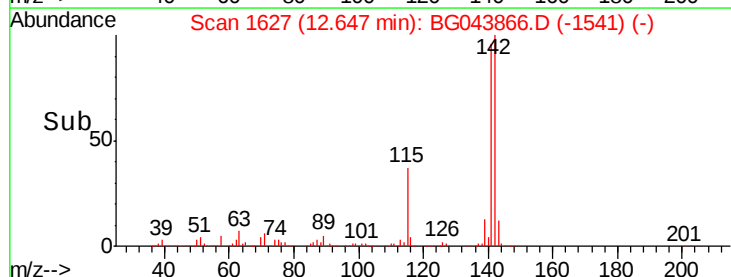
116 3.8 3.1 4.7

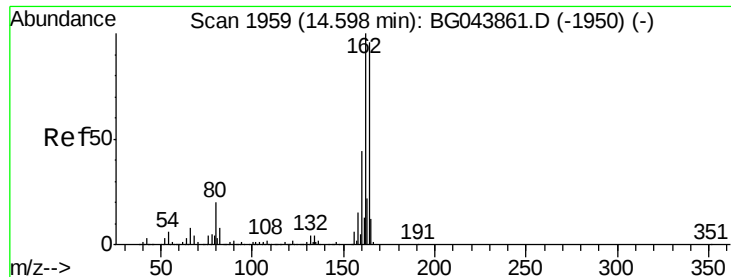


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

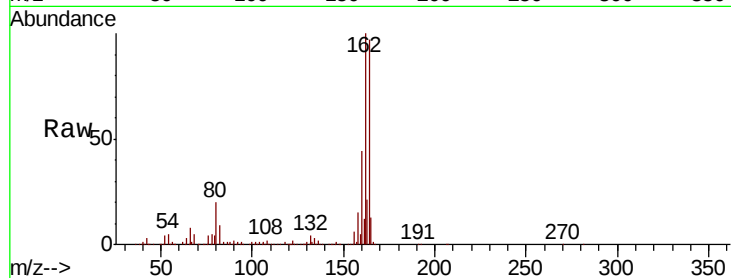
Tot Ion:164 Resp: 440236

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.4

160 45.9 36.1 54.1

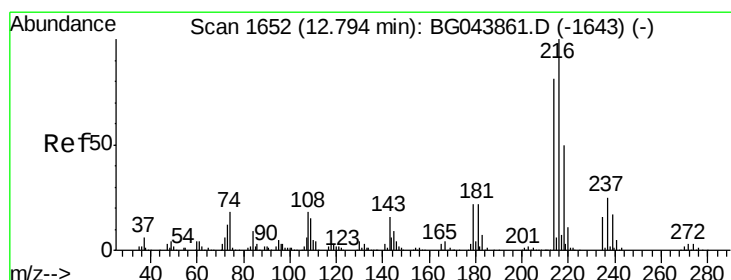
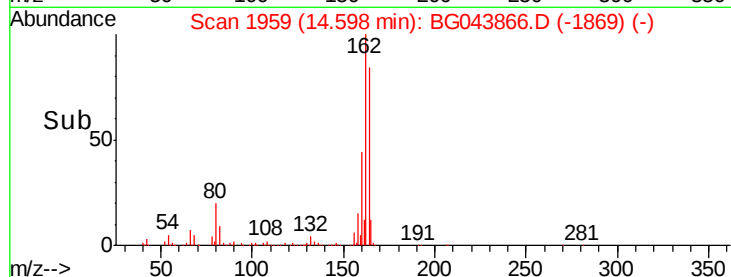
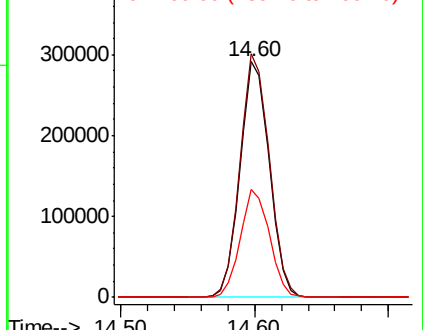


Abundance

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: 39.428 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Tgt Ion:216 Resp: 508752

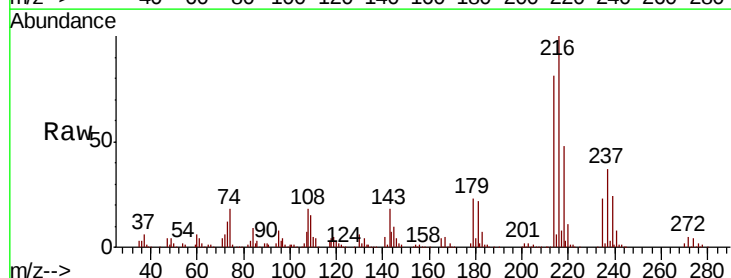
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 22.1 17.3 25.9

108 18.4 15.3 22.9



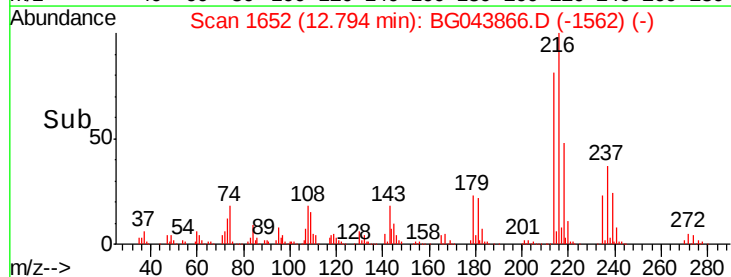
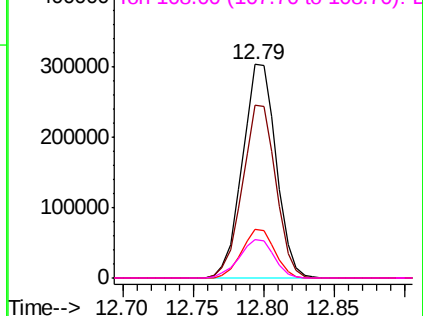
Abundance

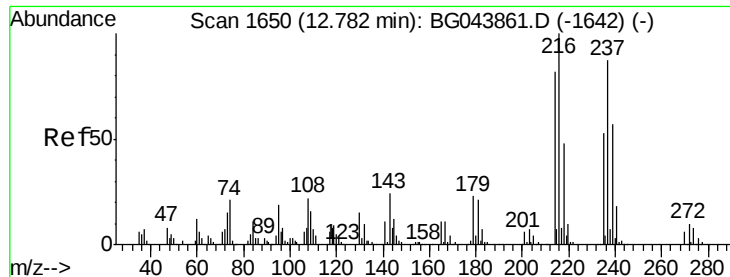
Ion 216.00 (215.70 to 216.70): E

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: 36.892 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

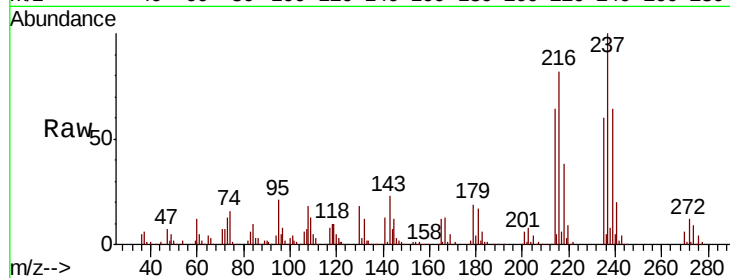
Tot Ion:237 Resp: 246794

Ion Ratio Lower Upper

237 100

235 60.4 41.1 81.1

272 11.9 0.0 31.7

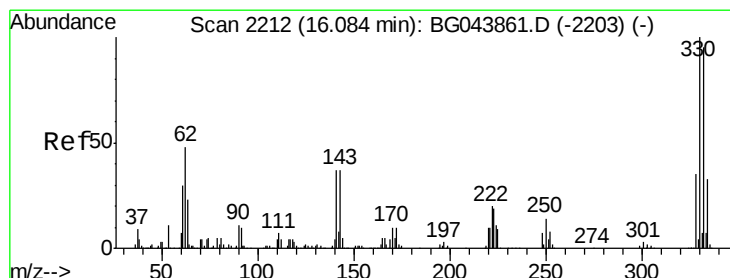
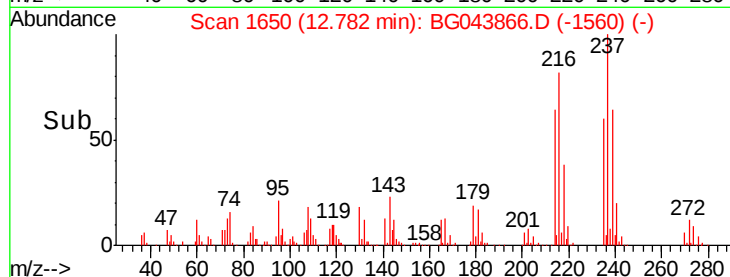
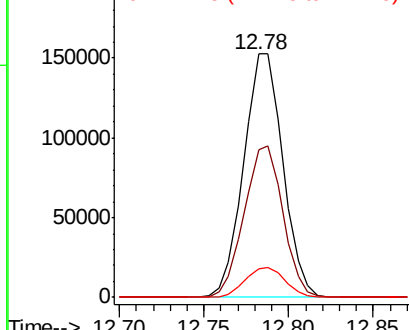


Abundance

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: 79.436 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

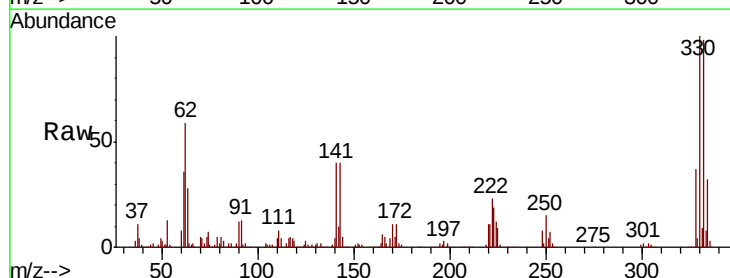
Tgt Ion:330 Resp: 365961

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 40.6 33.1 49.7

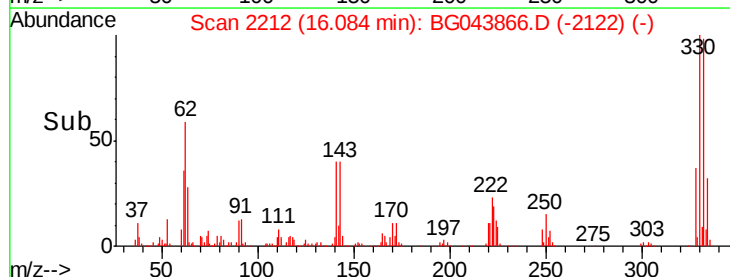
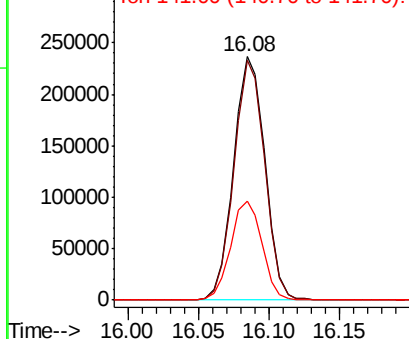


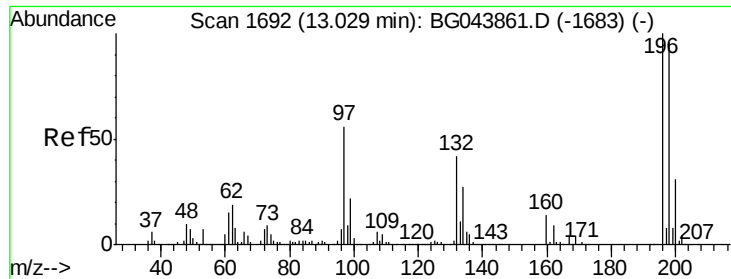
Abundance

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

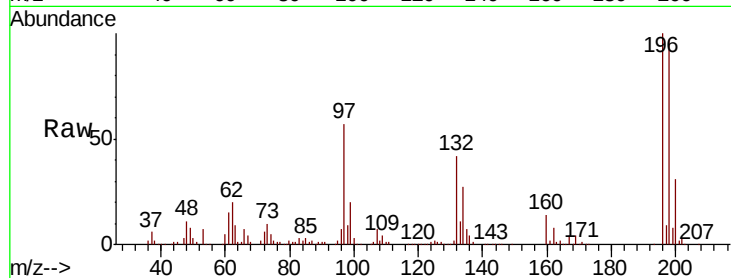




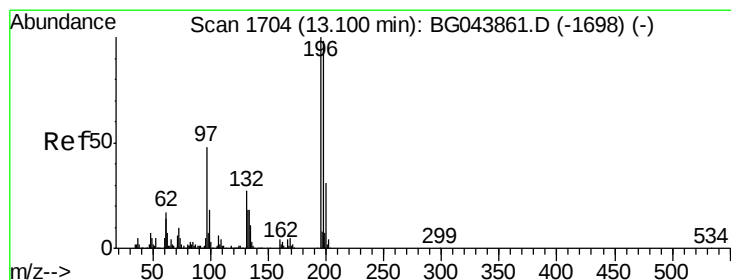
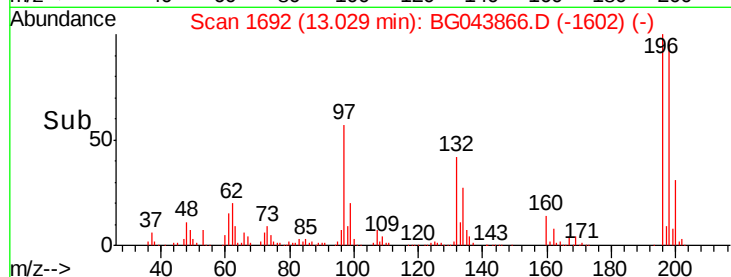
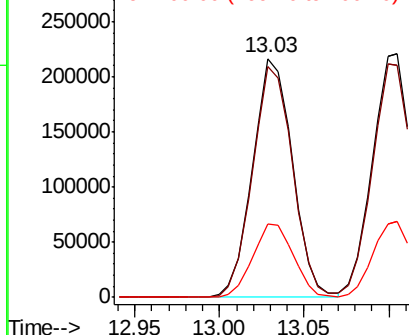
#43
 2,4,6-Trichlorophenol
 Concen: 39.940 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 354606
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 115.0
 200 31.0 24.6 37.0



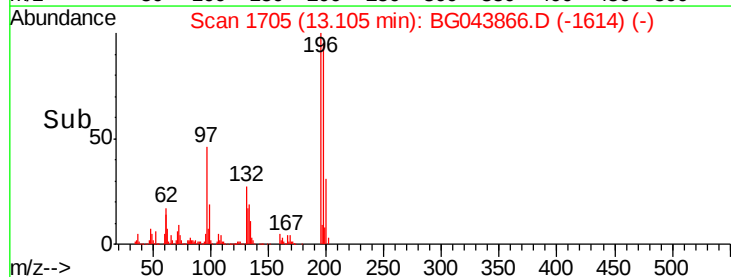
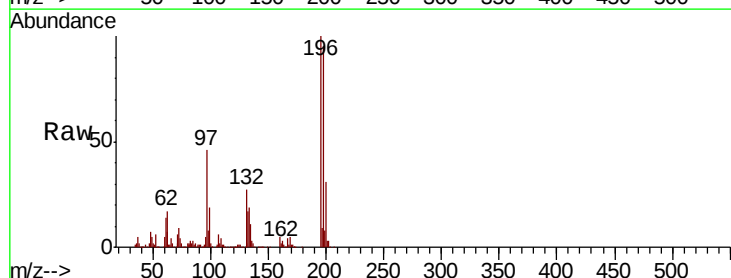
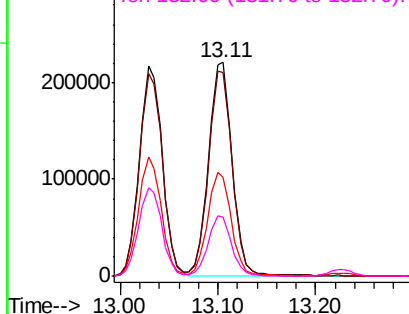
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

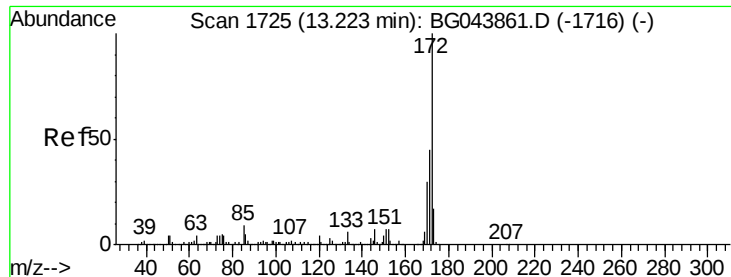


#44
 2,4,5-Trichlorophenol
 Concen: 40.342 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion:196 Resp: 369417
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.3 117.5
 97 46.3 38.8 58.2
 132 27.4 21.3 31.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

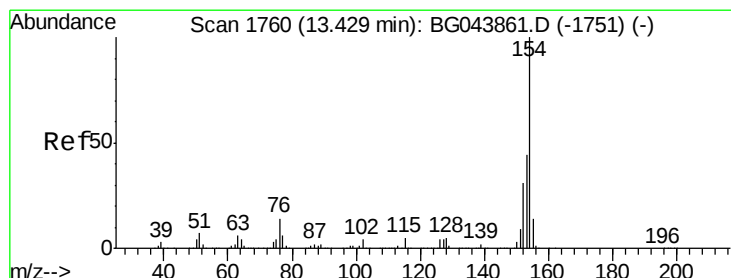
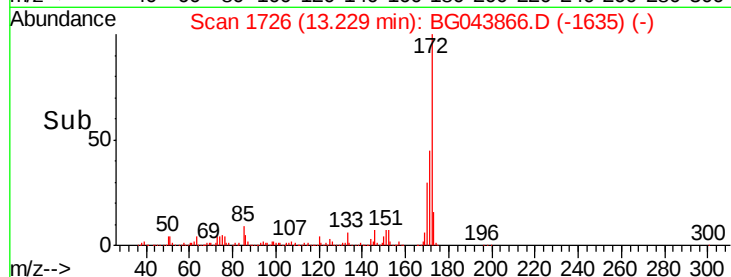
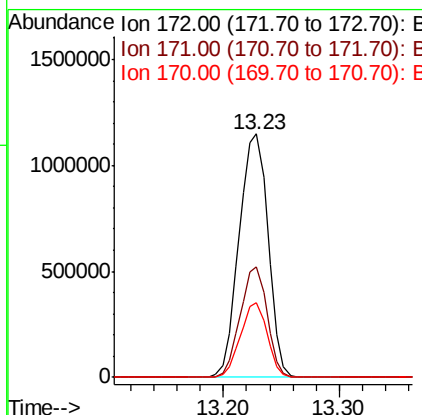
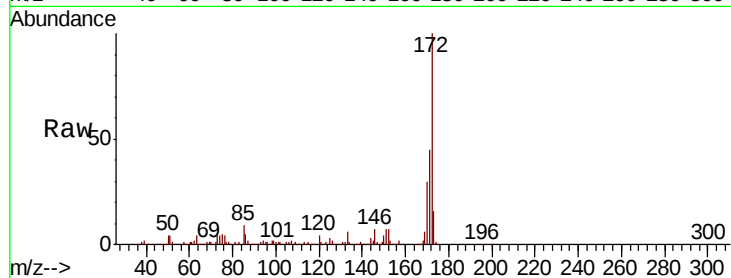




#45
2-Fluorobiphenyl
Concen: 82.197 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

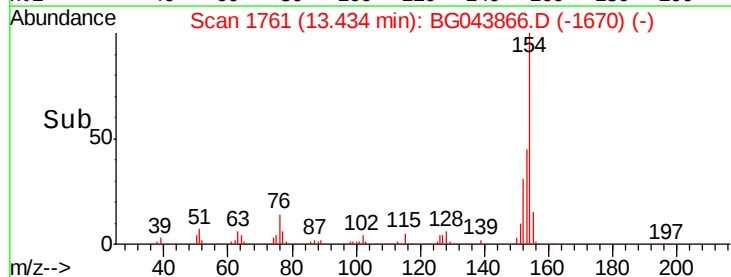
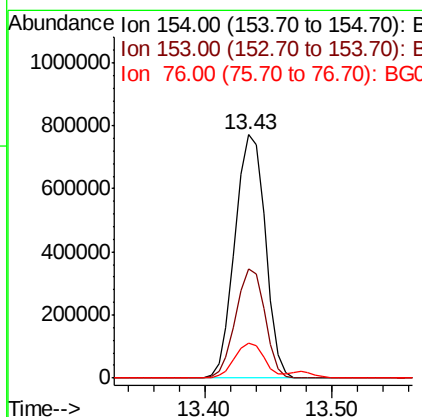
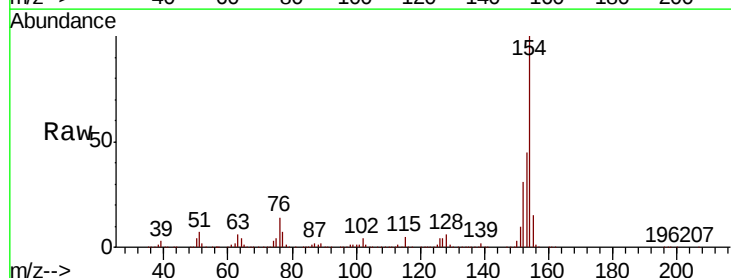
Instrument :
BNA_G
ClientSampleId :

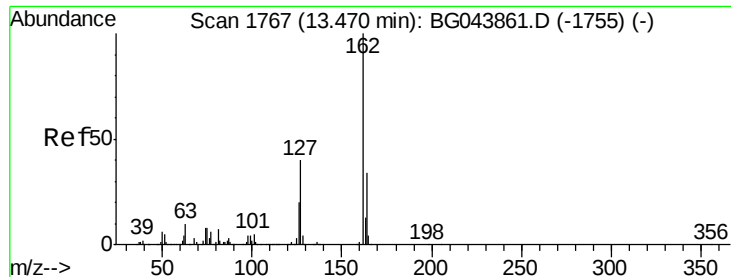
Tot Ion:172 Resp: 1997275
Ion Ratio Lower Upper
172 100
171 45.1 35.8 53.8
170 30.5 24.2 36.4



#46
1,1'-Biphenyl
Concen: 40.505 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:154 Resp: 1278511
Ion Ratio Lower Upper
154 100
153 45.1 23.6 63.6
76 14.4 0.0 34.4

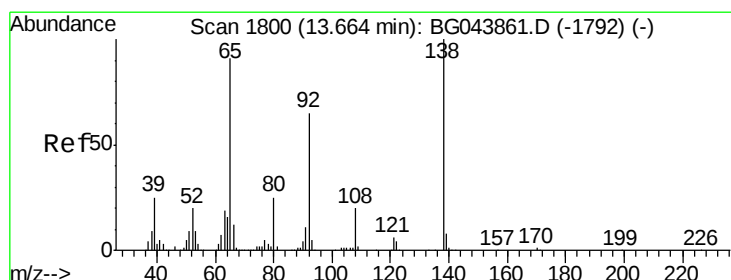
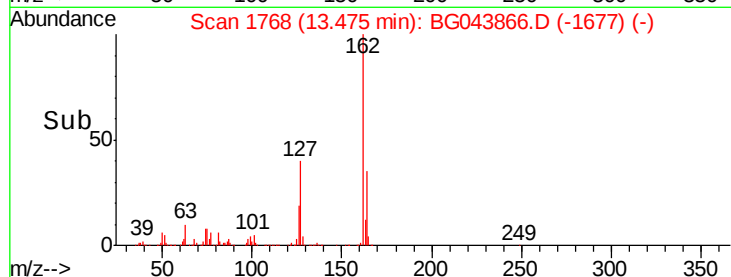
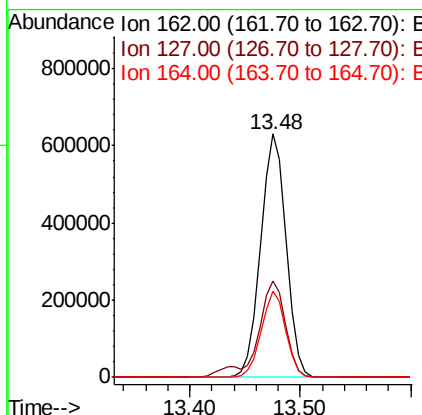
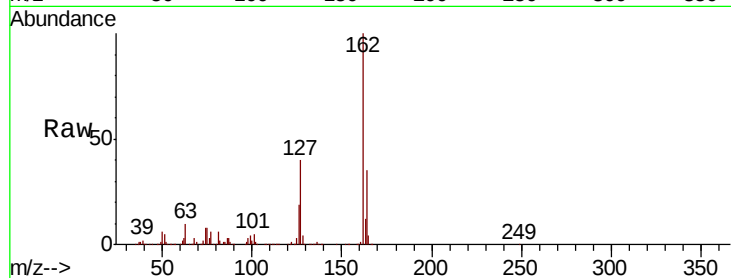




#47
2-Chloronaphthalene
Concen: 39.805 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

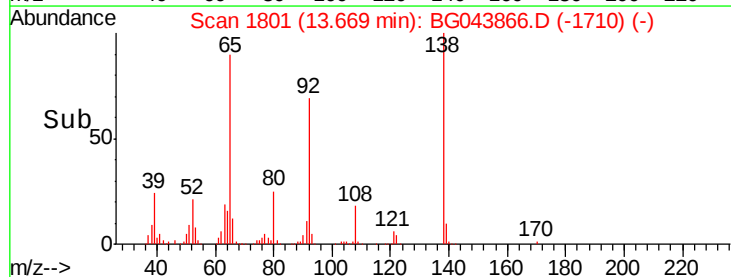
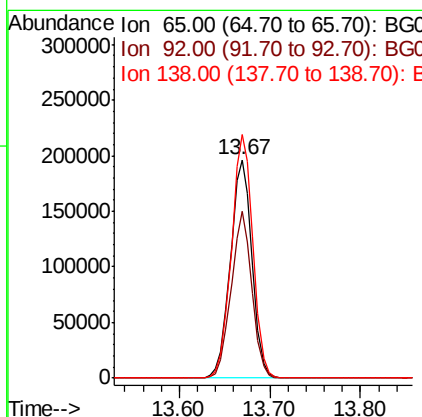
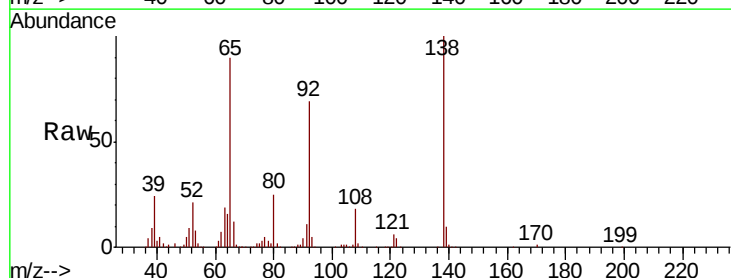
Instrument :
BNA_G
ClientSampleId :

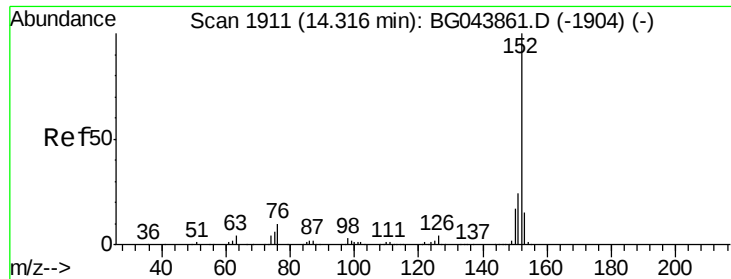
Tot Ion:162 Resp: 1015259
Ion Ratio Lower Upper
162 100
127 39.6 32.1 48.1
164 35.2 27.5 41.3



#48
2-Nitroaniline
Concen: 39.652 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion: 65 Resp: 325322
Ion Ratio Lower Upper
65 100
92 76.4 57.4 86.2
138 111.4 88.2 132.4





#49

Acenaphthylene

Concen: 40.731 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

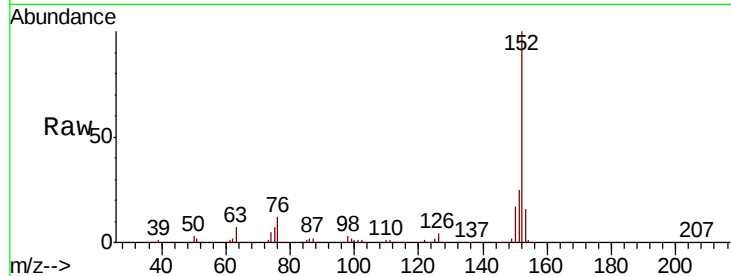
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1493193

Ion	Ratio	Lower	Upper
152	100		
151	24.7	19.4	29.2
153	15.6	12.0	18.0

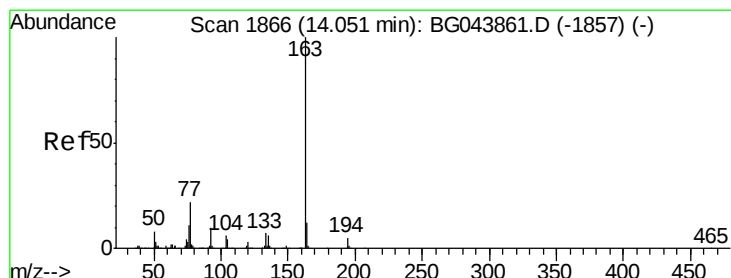
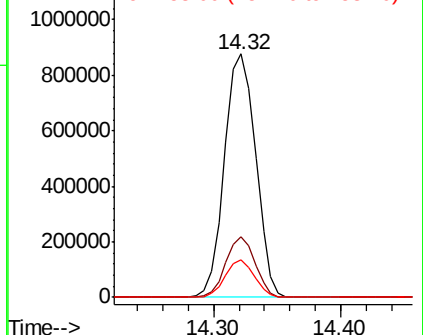
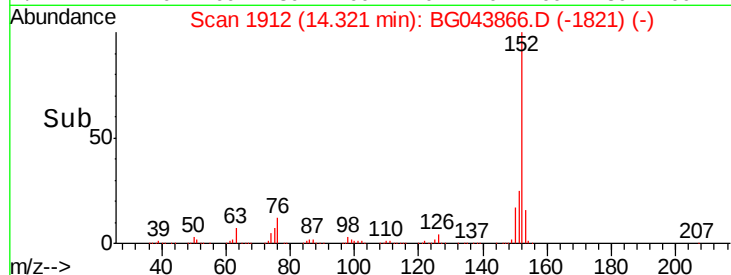


Abundance

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: 40.233 ng

RT: 14.06 min Scan# 1867

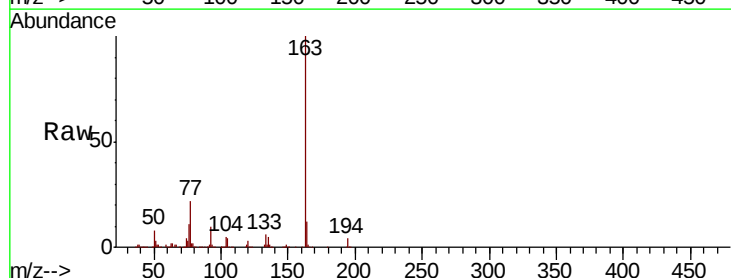
Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Tgt Ion:163 Resp: 1257619

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	11.5	9.3	13.9

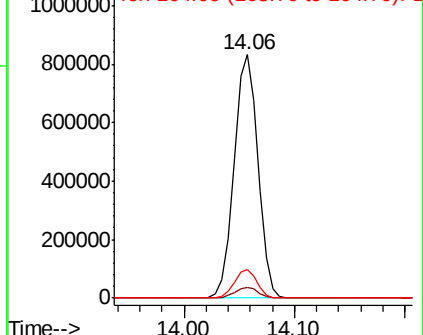
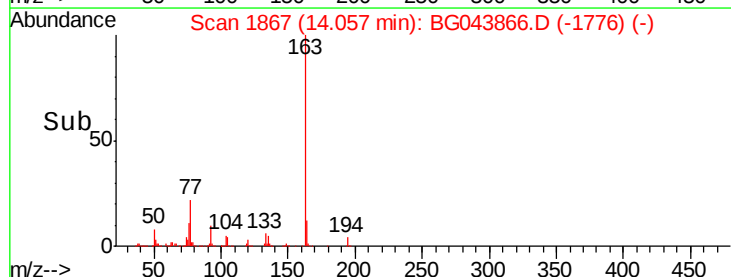


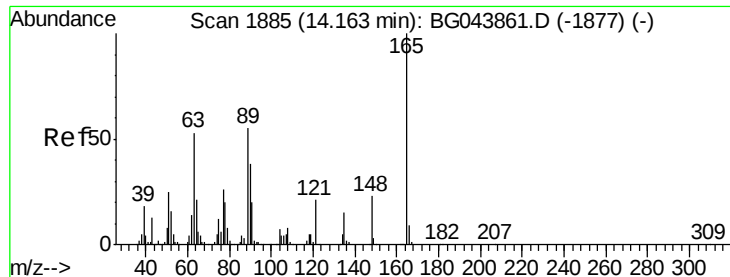
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

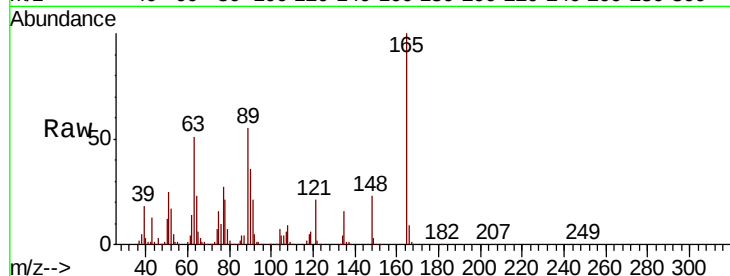




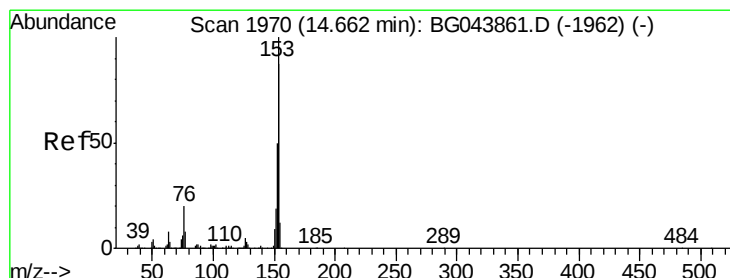
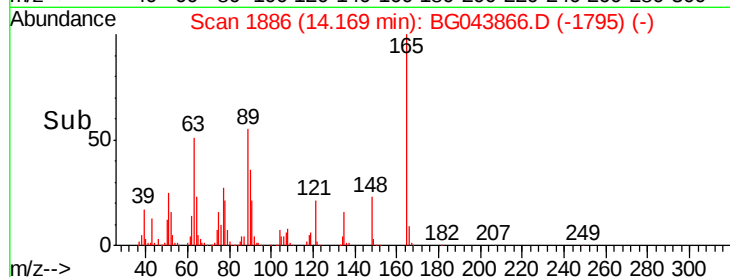
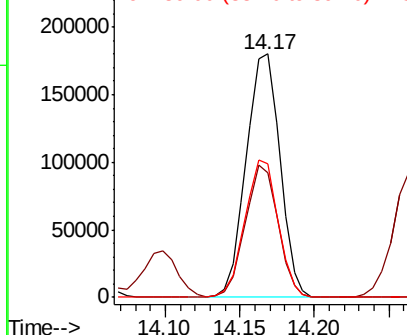
#51
 2,6-Dinitrotoluene
 Concen: 39.920 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	43.1	64.7
89	55.0	43.8	65.6

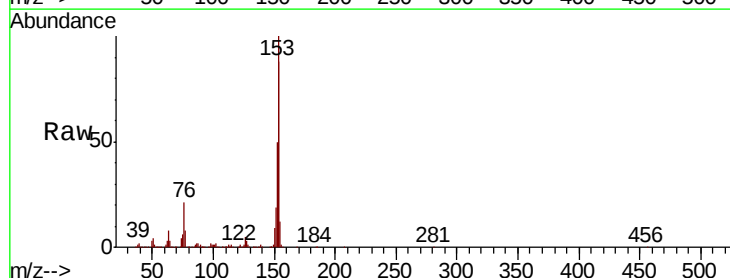


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

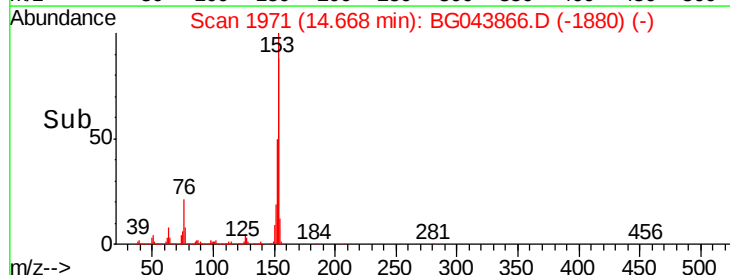
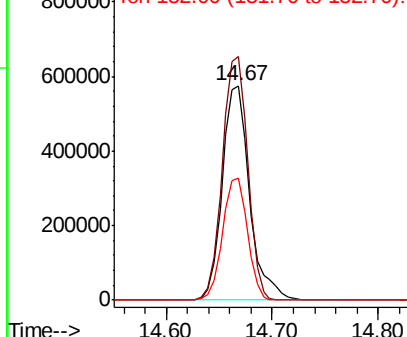


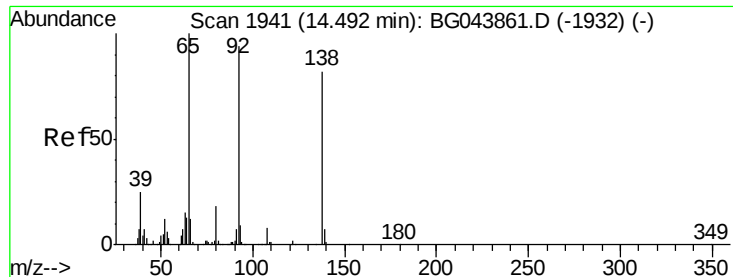
#52
 Acenaphthene
 Concen: 39.982 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.6	137.4
152	57.1	45.4	68.0



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

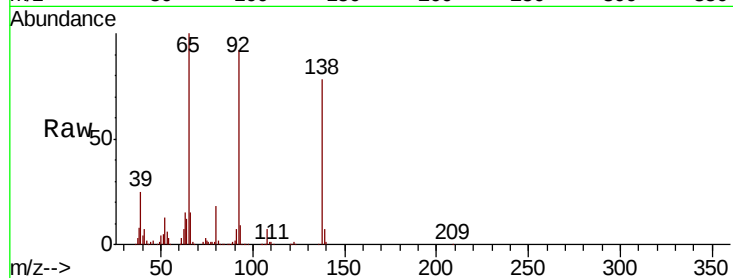




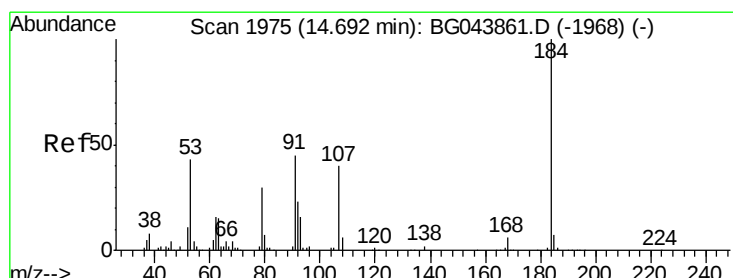
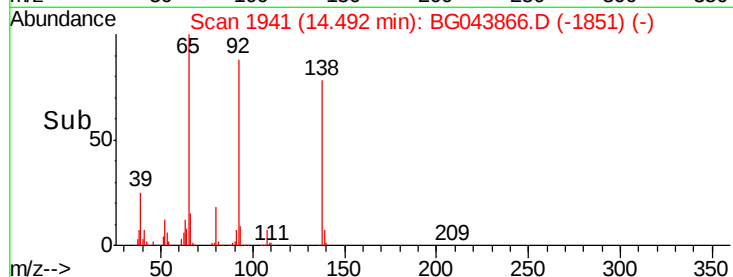
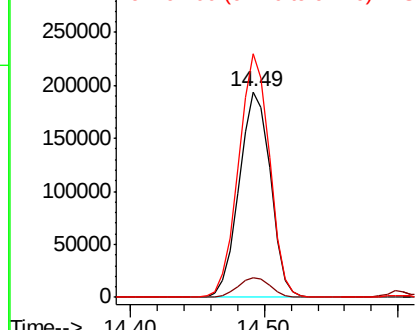
#53
3-Nitroaniline
Concen: 39.329 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 315538
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 118.5 92.1 138.1

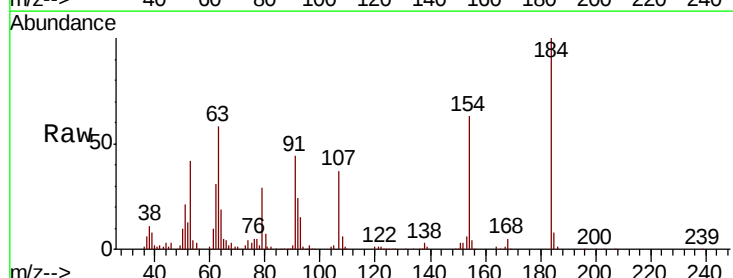


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

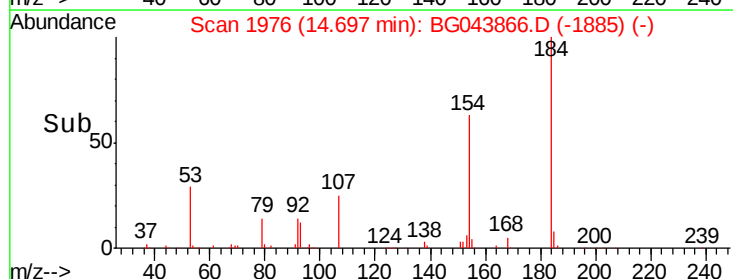
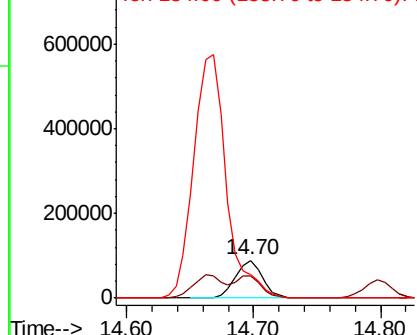


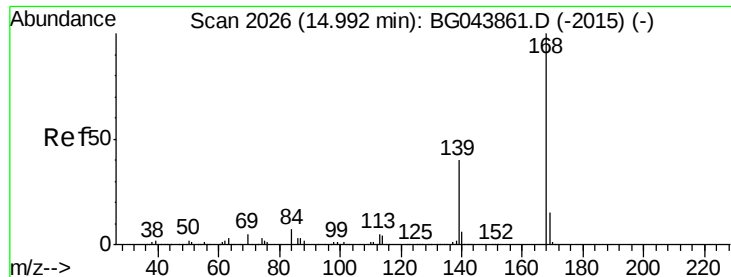
#54
2,4-Dinitrophenol
Concen: 40.019 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:184 Resp: 133452
Ion Ratio Lower Upper
184 100
63 58.4 46.6 70.0
154 63.1 50.2 75.4



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

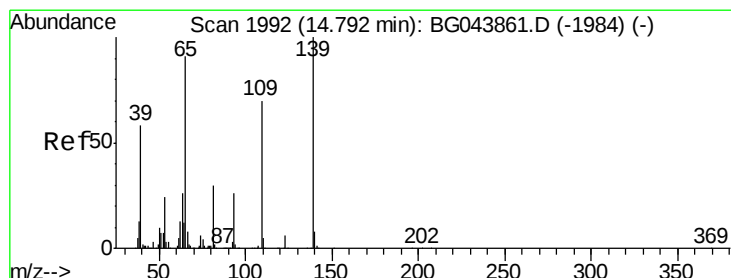
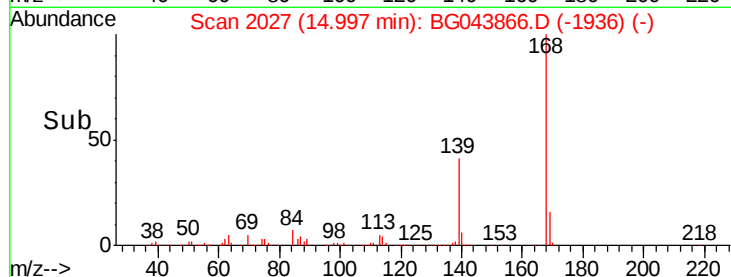
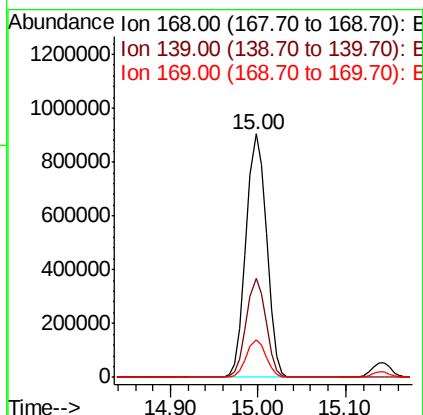
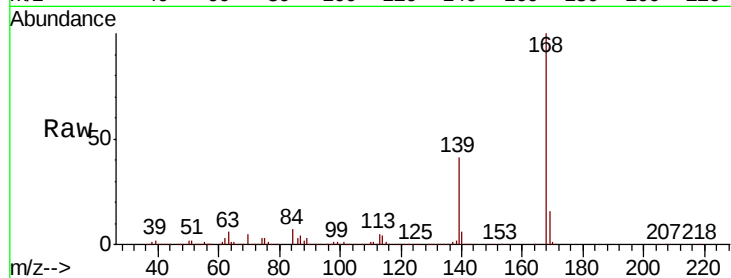




#55
Dibenzofuran
Concen: 40.196 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

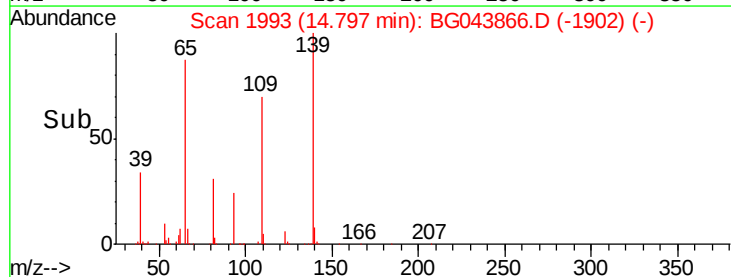
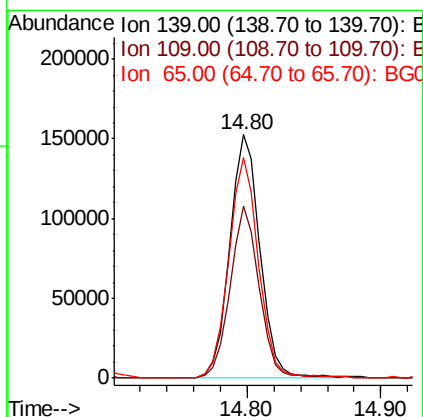
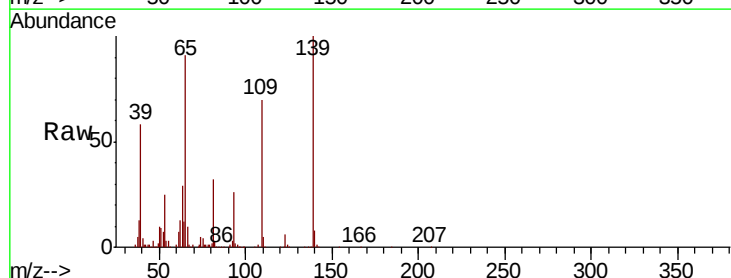
Instrument :
BNA_G
ClientSampleId :

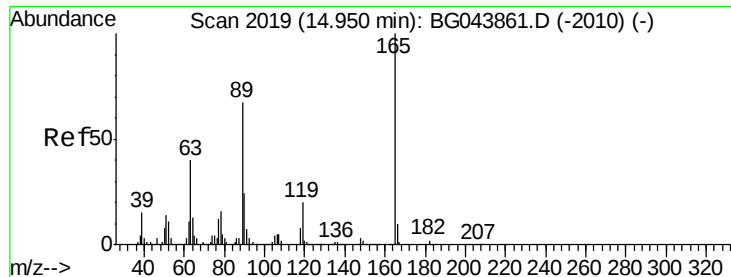
Tot Ion:168 Resp: 1422588
Ion Ratio Lower Upper
168 100
139 40.7 32.2 48.2
169 15.6 12.2 18.2



#56
4-Nitrophenol
Concen: 39.204 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:139 Resp: 241029
Ion Ratio Lower Upper
139 100
109 70.4 50.4 90.4
65 90.5 71.4 111.4

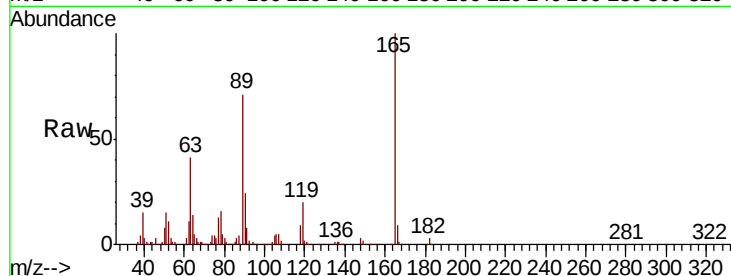




#57
2,4-Dinitrotoluene
Concen: 40.720 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	391465
Ion	Ratio	Lower	Upper
165	100		
63	40.9	31.9	47.9
89	71.2	53.8	80.6
182	2.5	2.0	3.0



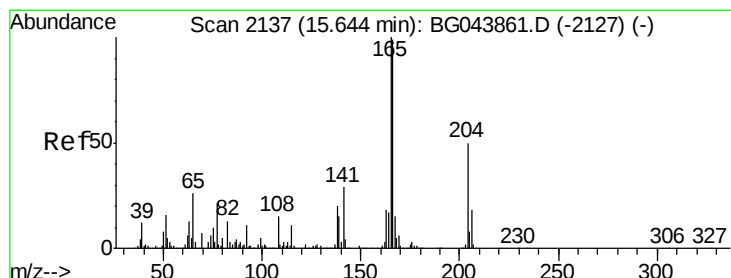
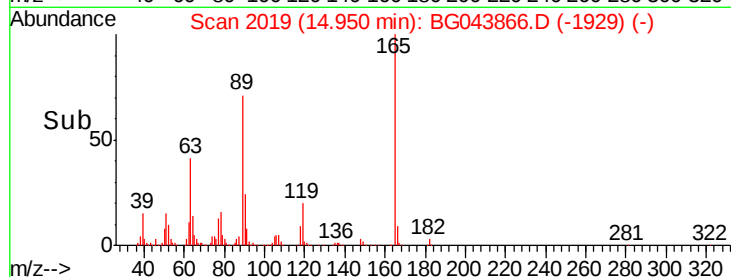
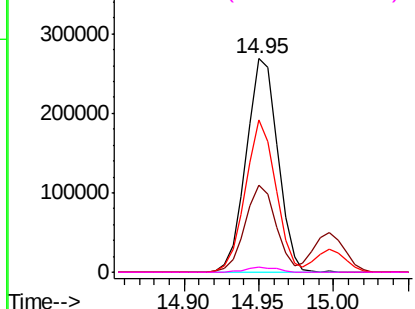
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

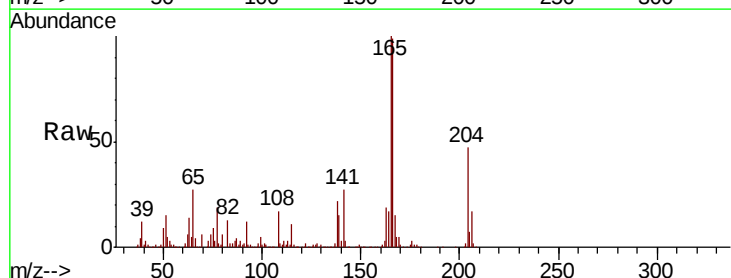
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.985 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:	166	Resp:	1121626
Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.8	121.2
167	15.1	12.1	18.1

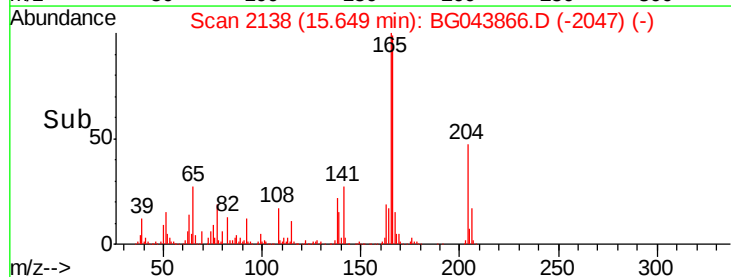
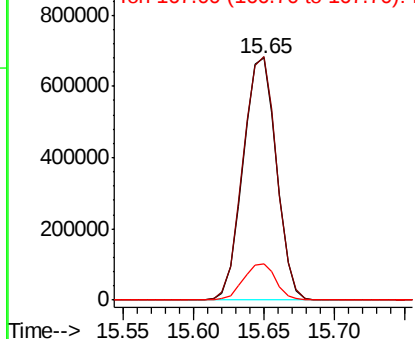


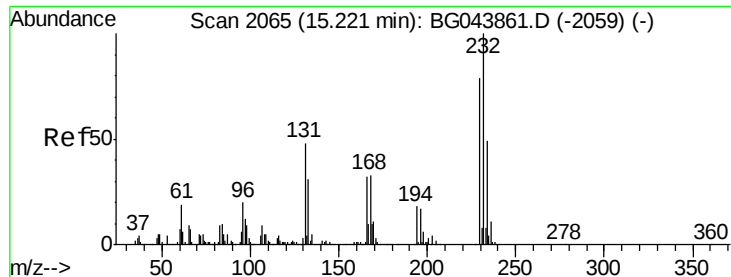
Abundance

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

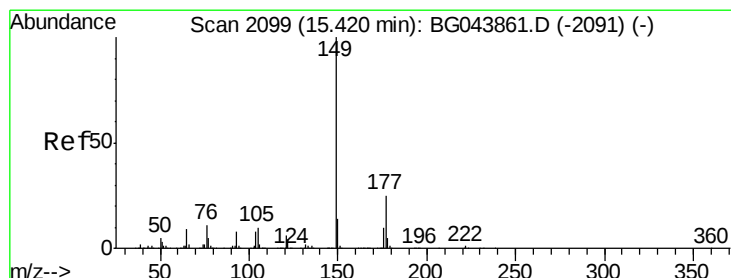
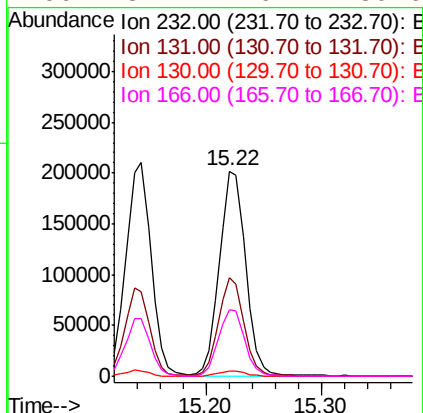
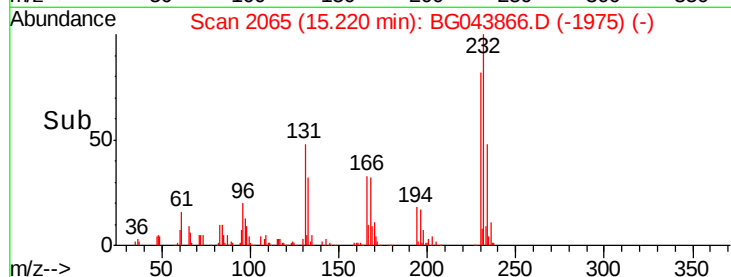
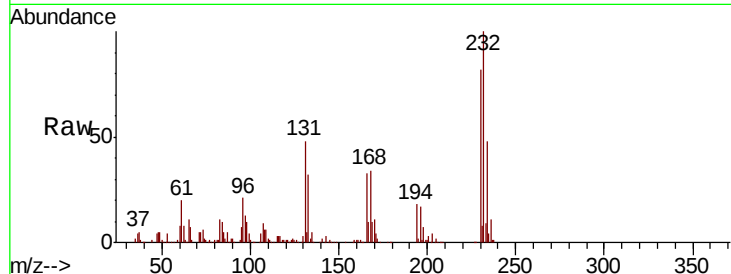




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.334 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

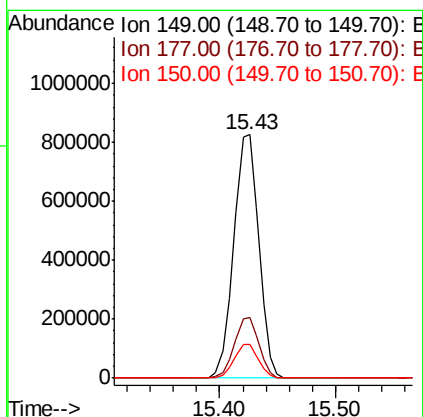
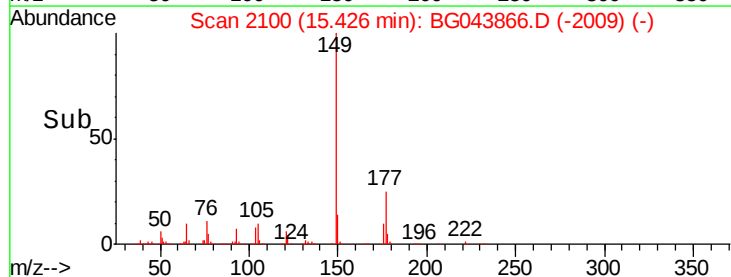
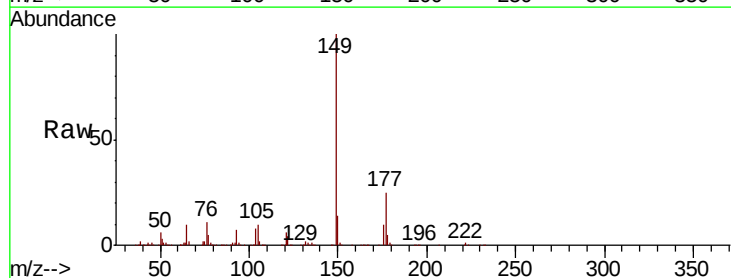
Instrument :
 BNA_G
 ClientSampleId :

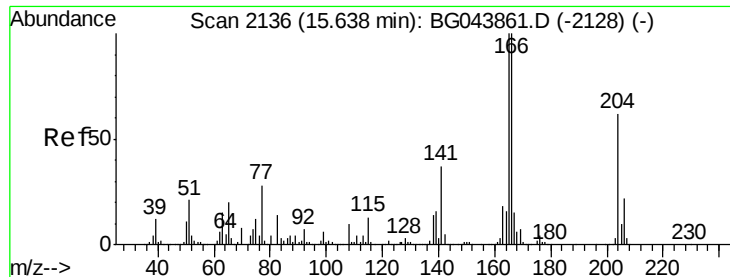
Tot Ion:232 Resp: 317591
 Ion Ratio Lower Upper
 232 100
 131 46.0 38.2 57.2
 130 2.7 2.2 3.2
 166 32.1 26.4 39.6



#60
 Diethylphthalate
 Concen: 39.649 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion:149 Resp: 1239620
 Ion Ratio Lower Upper
 149 100
 177 24.9 20.0 30.0
 150 14.0 11.1 16.7

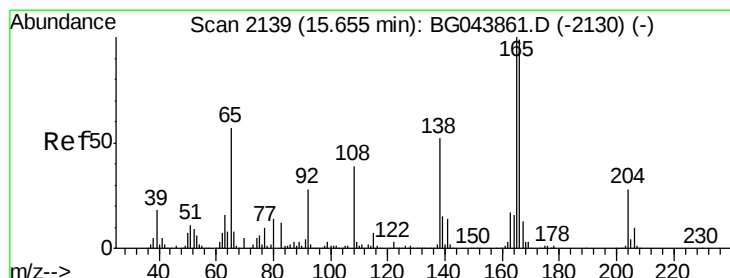
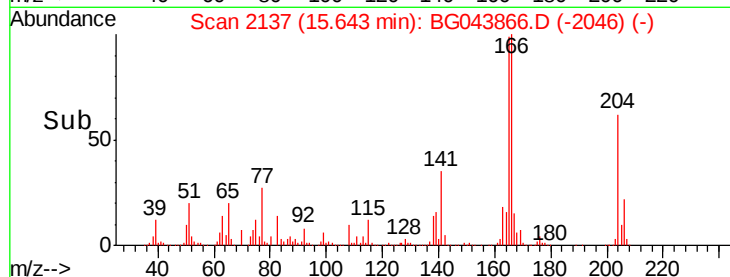
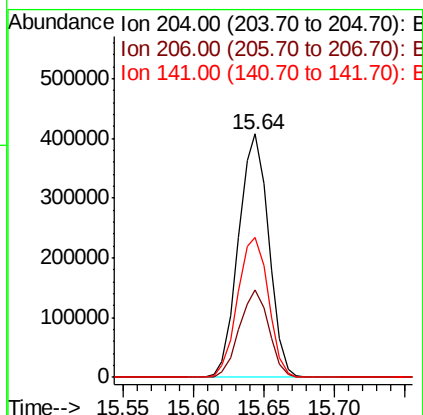
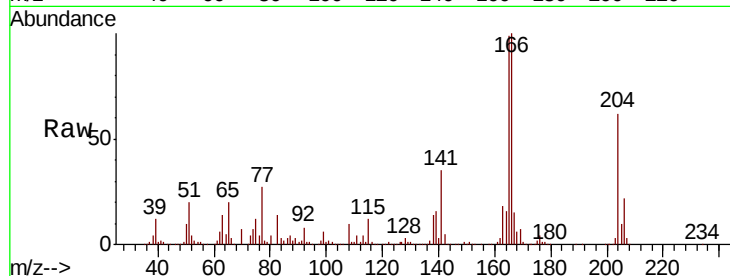




#61
4-Chlorophenyl-phenylether
Concen: 39.956 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

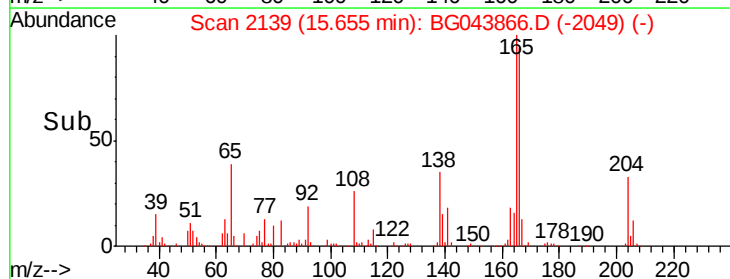
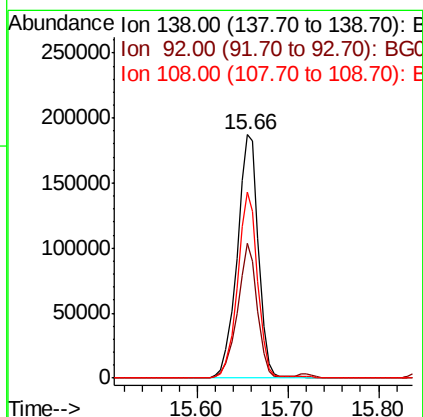
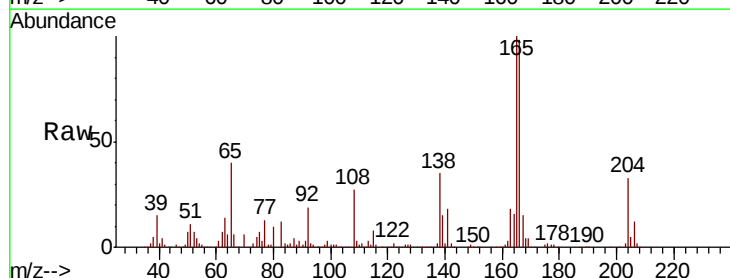
Instrument :
BNA_G
ClientSampleId :

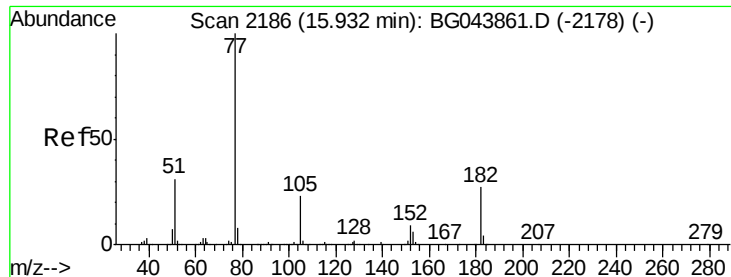
Tot Ion:204 Resp: 608597
Ion Ratio Lower Upper
204 100
206 35.8 28.2 42.2
141 57.5 48.2 72.2



#62
4-Nitroaniline
Concen: 38.541 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:138 Resp: 305359
Ion Ratio Lower Upper
138 100
92 55.3 34.3 74.3
108 76.2 55.0 95.0





#63

Azobenzene

Concen: 40.224 ng

RT: 15.94 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1166286

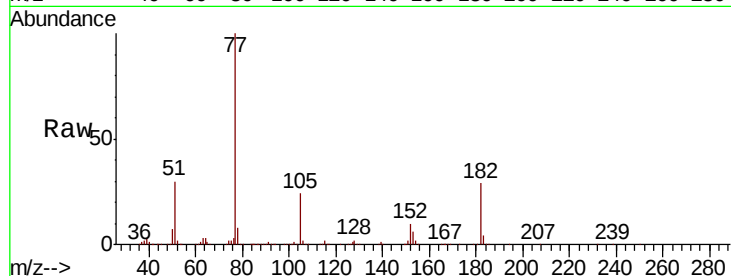
Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.3	47.3
105	24.0	3.2	43.2
51	30.3	10.6	50.6

77 100

182 29.3 7.3 47.3

105 24.0 3.2 43.2

51 30.3 10.6 50.6

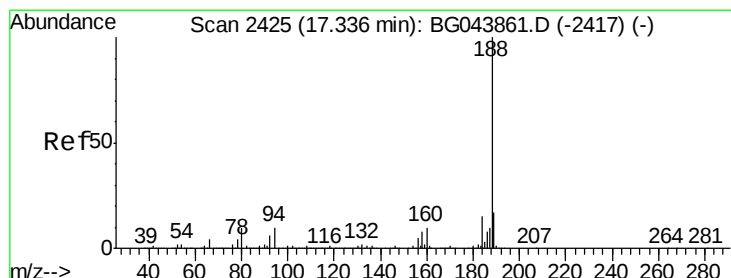
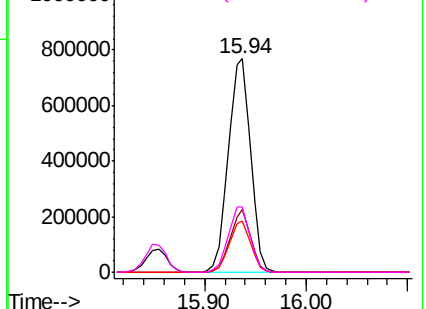
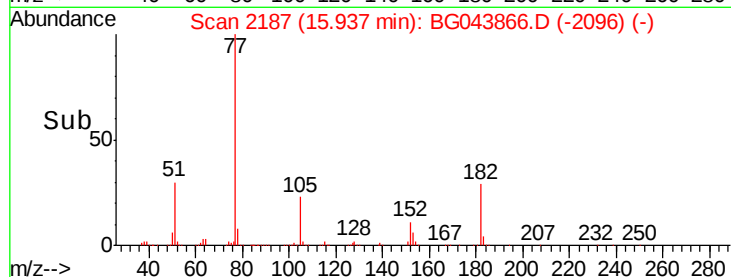


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

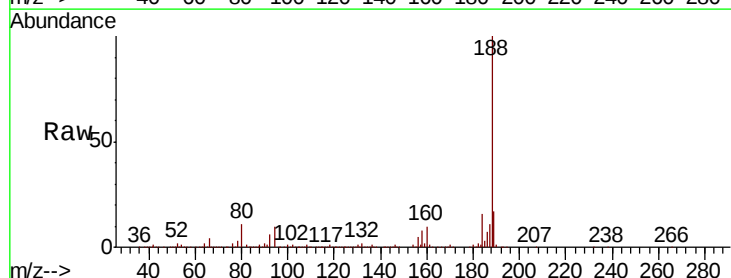
Tgt Ion: 188 Resp: 858109

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.9	11.9
80	11.4	8.2	12.4

188 100

94 9.8 7.9 11.9

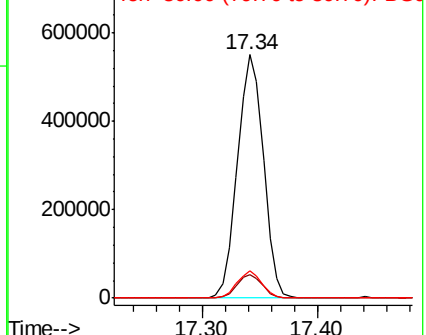
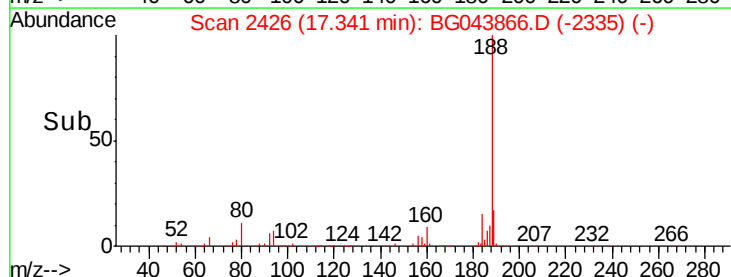
80 11.4 8.2 12.4

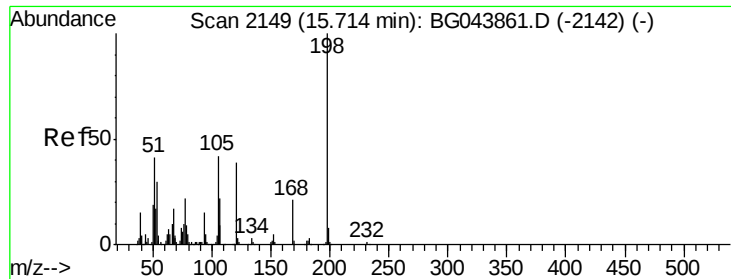


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

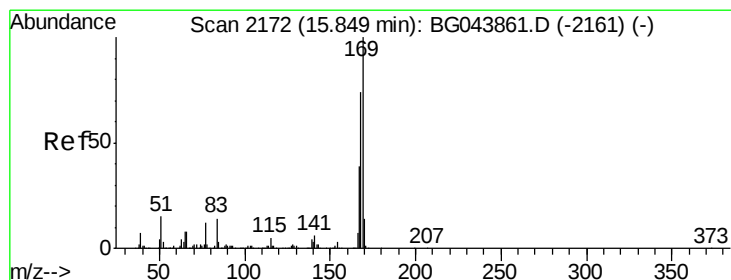
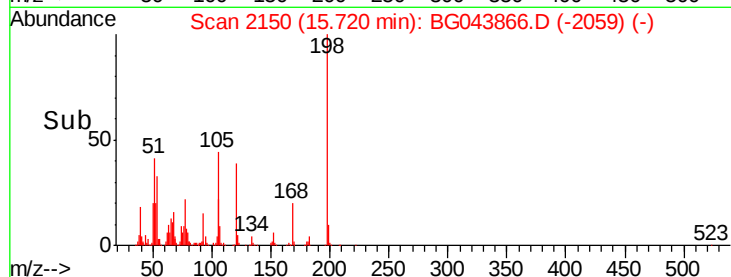
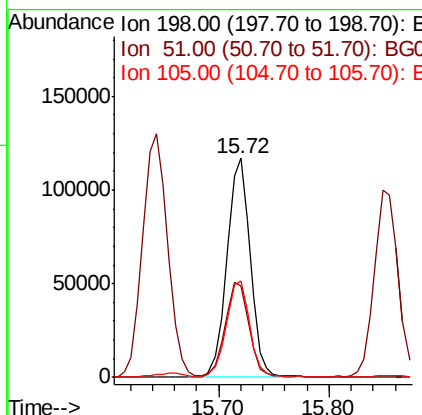
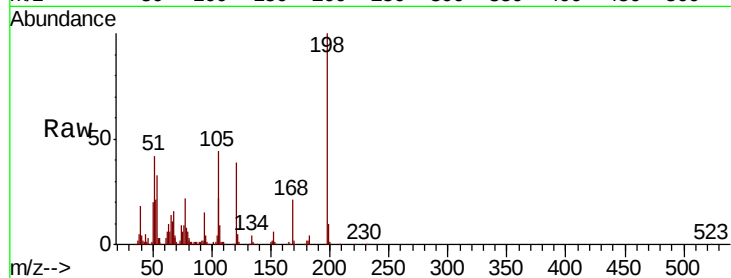




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.147 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

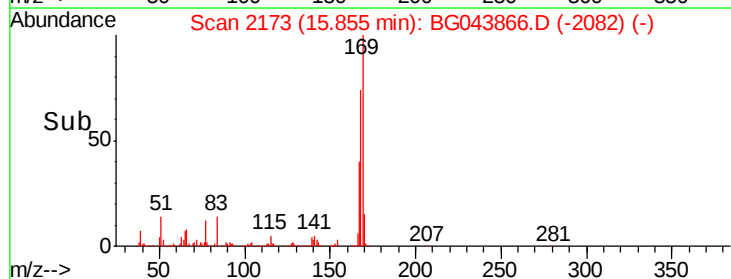
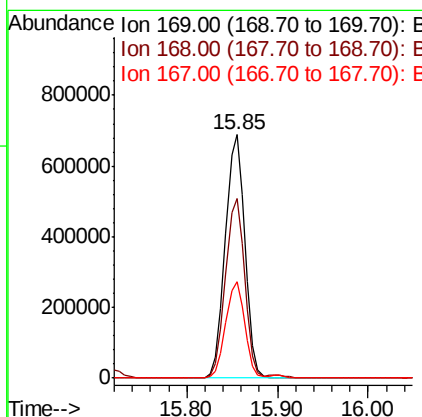
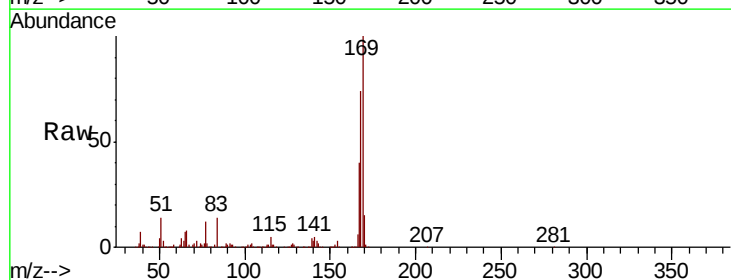
Instrument :
 BNA_G
 ClientSampleId :

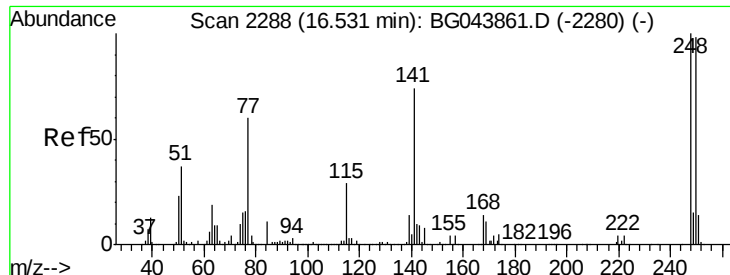
Tot Ion:198 Resp: 174001
 Ion Ratio Lower Upper
 198 100
 51 41.7 22.5 62.5
 105 43.8 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.743 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion:169 Resp: 1029582
 Ion Ratio Lower Upper
 169 100
 168 73.8 59.0 88.6
 167 39.9 31.4 47.0

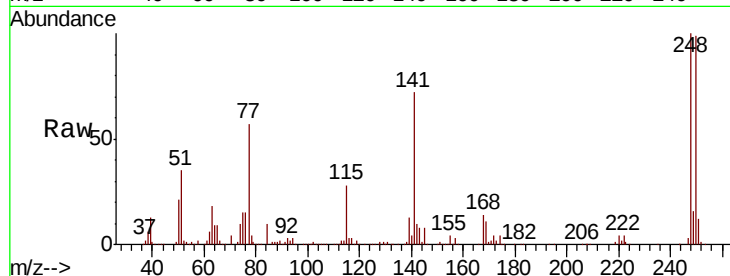




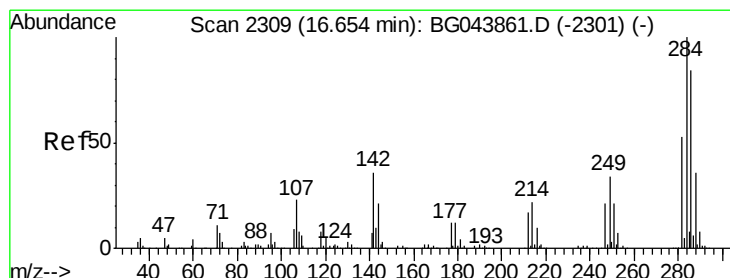
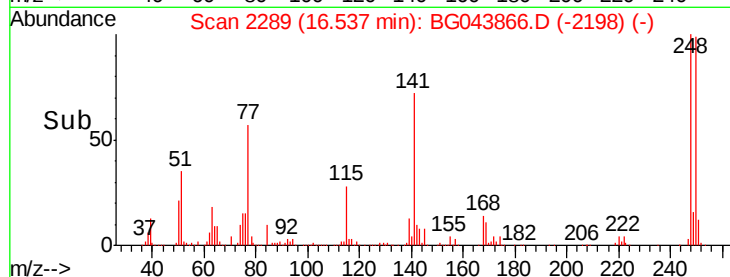
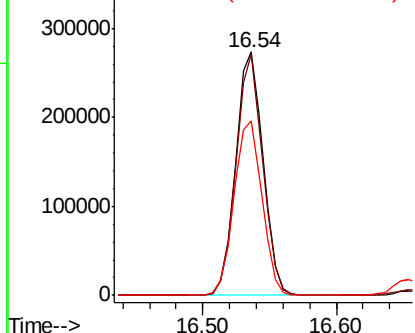
#67
4-Bromophenyl-phenylether
Concen: 40.173 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 387713
Ion Ratio Lower Upper
248 100
250 99.2 78.2 117.2
141 71.6 59.3 88.9

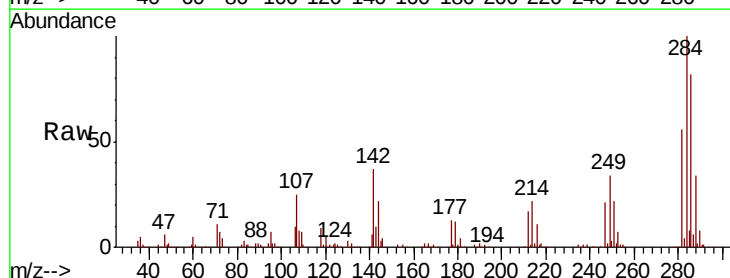


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

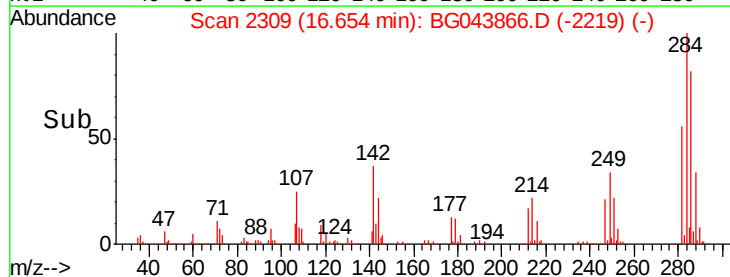
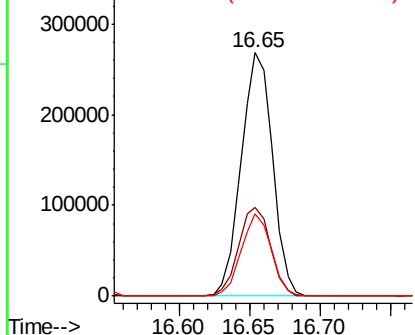


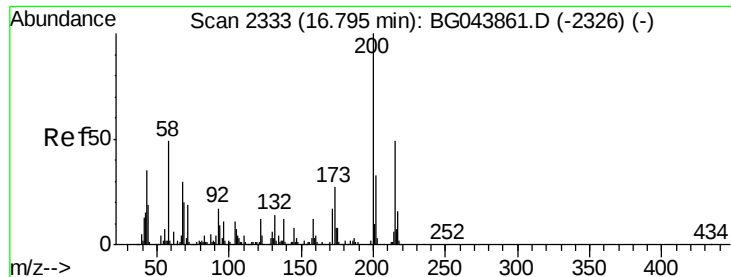
#68
Hexachlorobenzene
Concen: 40.124 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:284 Resp: 417264
Ion Ratio Lower Upper
284 100
142 36.7 28.6 43.0
249 33.7 27.0 40.6



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: 40.751 ng

RT: 16.80 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

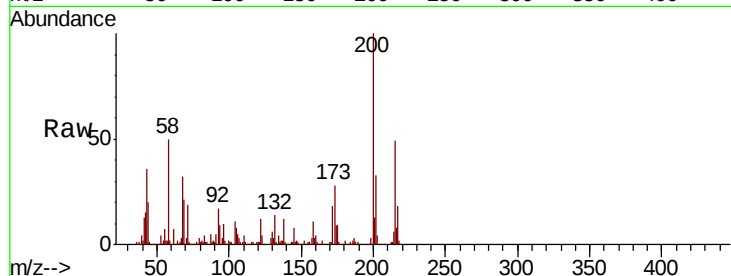
Tot Ion:200 Resp: 334734

Ion Ratio Lower Upper

200 100

173 27.9 6.6 46.6

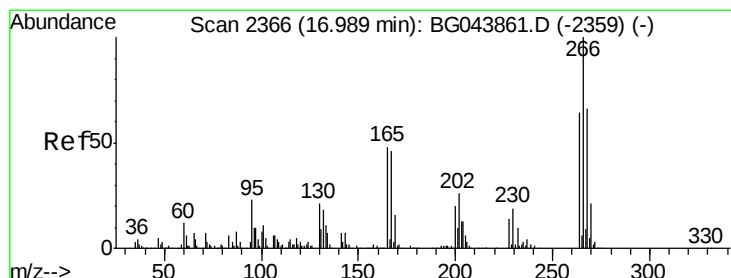
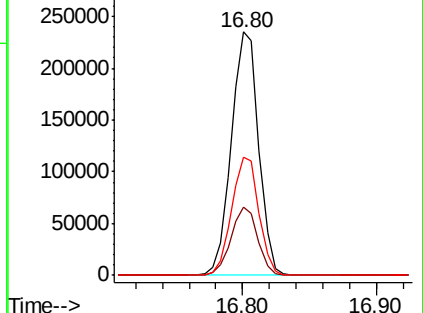
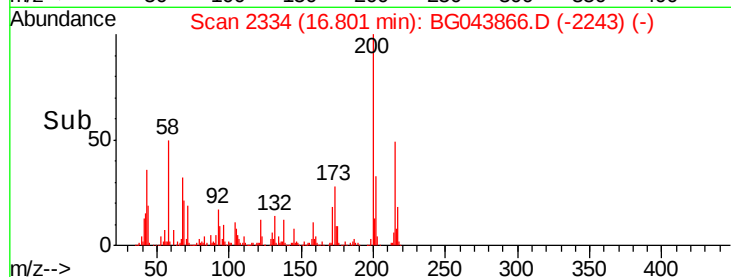
215 48.5 28.6 68.6



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: 41.283 ng

RT: 16.99 min Scan# 2367

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

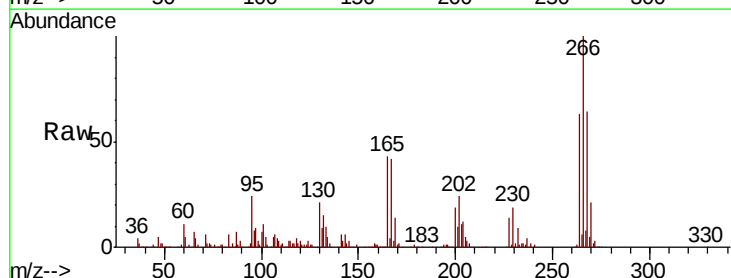
Tgt Ion:266 Resp: 236662

Ion Ratio Lower Upper

266 100

268 63.6 52.6 79.0

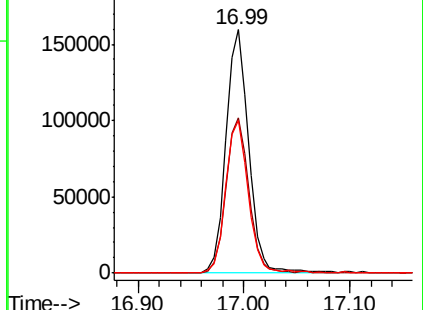
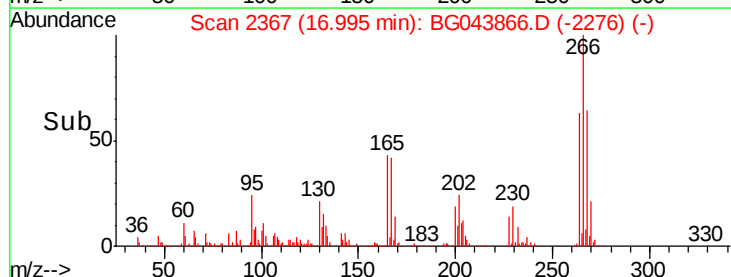
264 62.6 50.8 76.2

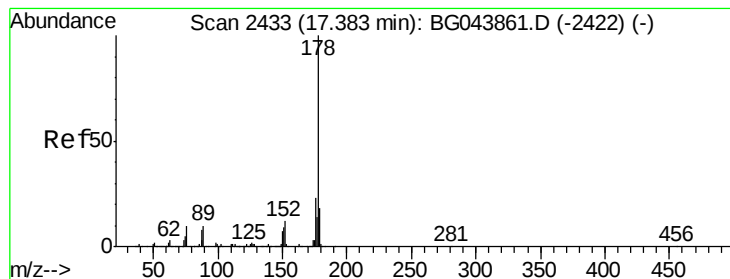


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.742 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

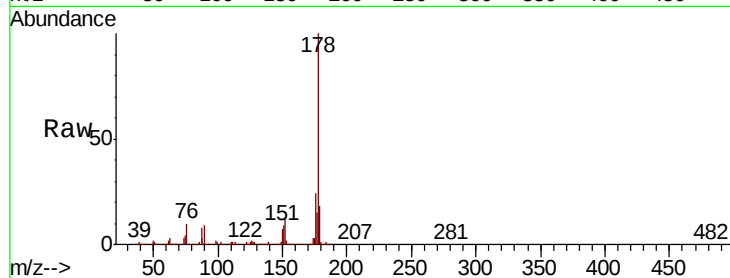
Tot Ion:178 Resp: 1676894

Ion Ratio Lower Upper

178 100

176 24.0 18.6 28.0

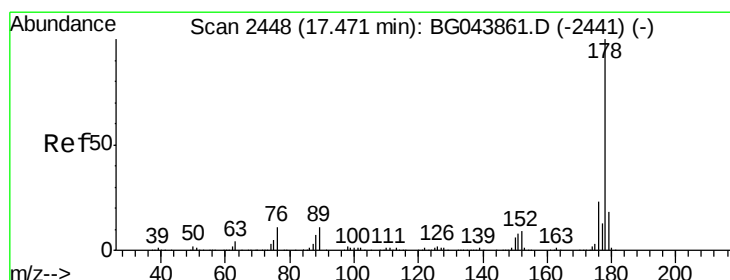
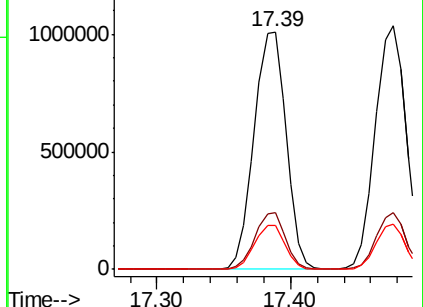
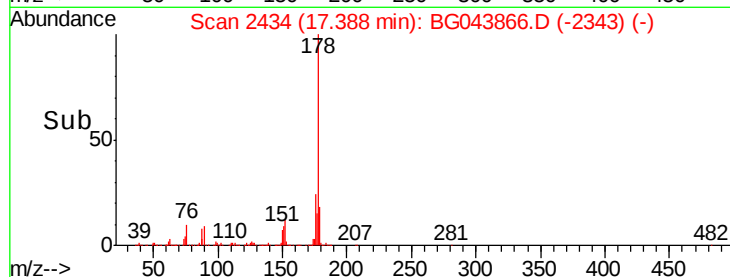
179 18.4 14.4 21.6



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: 40.706 ng

RT: 17.48 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

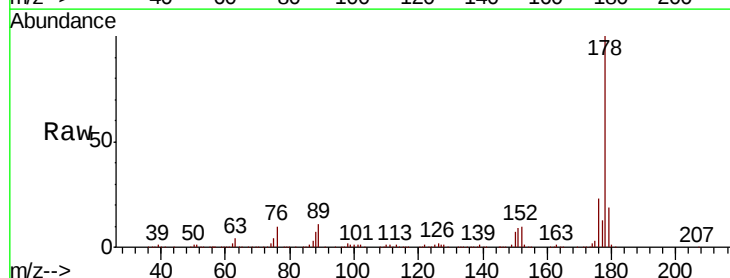
Tgt Ion:178 Resp: 1655784

Ion Ratio Lower Upper

178 100

176 23.1 18.3 27.5

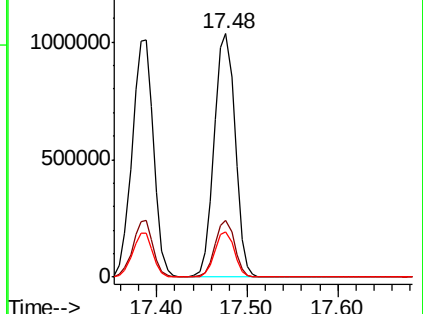
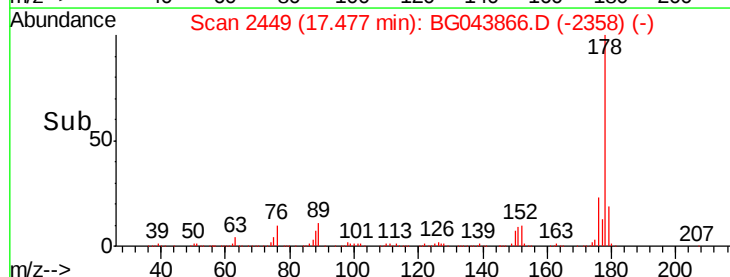
179 18.6 14.6 22.0

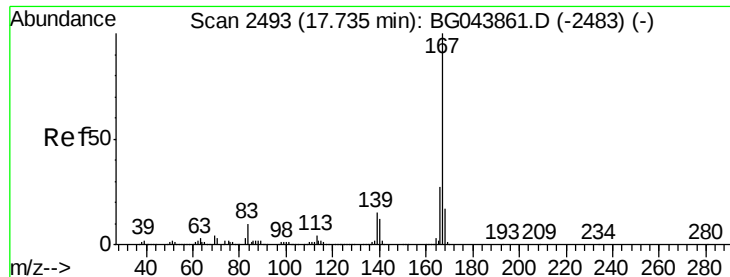


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

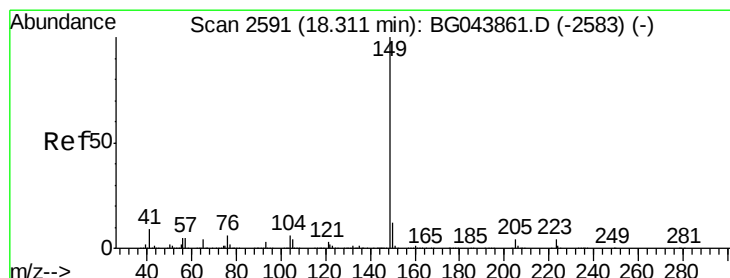
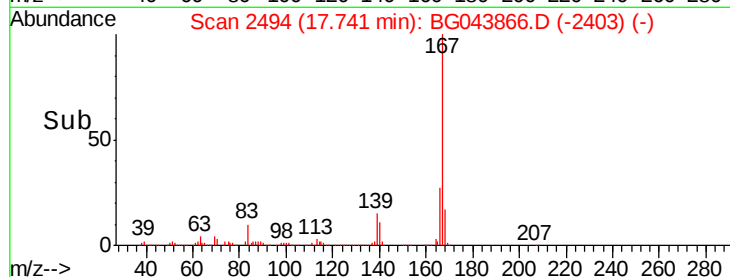
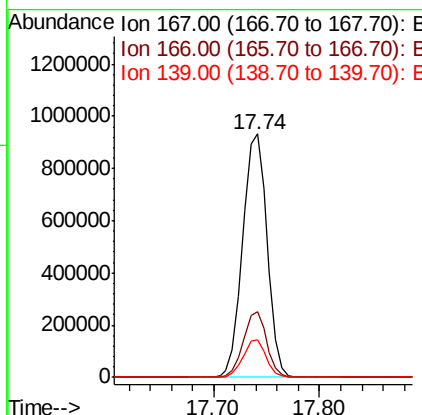
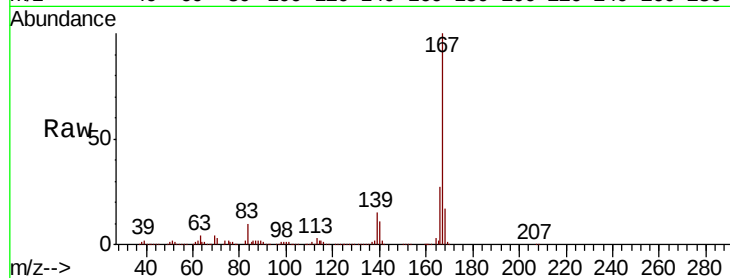




#73
 Carbazole
 Concen: 39.839 ng
 RT: 17.74 min Scan# 2494
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

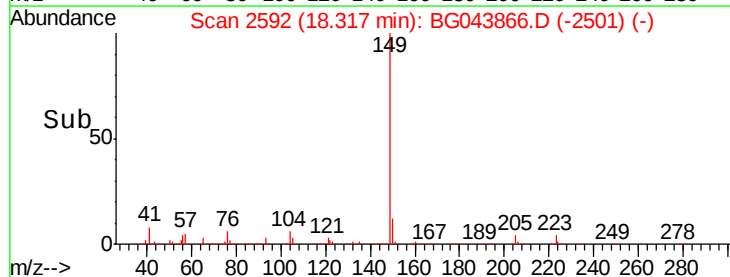
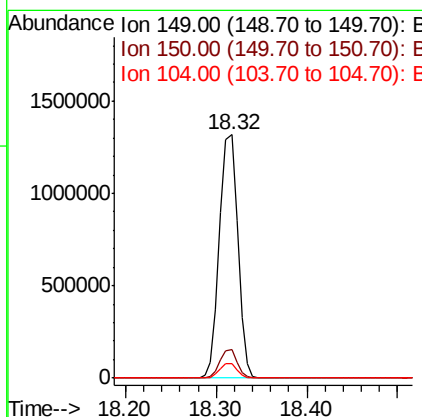
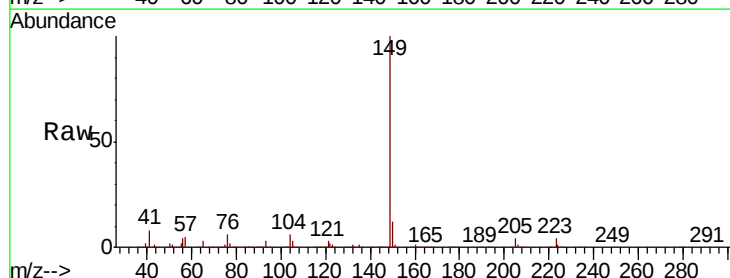
Instrument :
 BNA_G
 ClientSampleId :

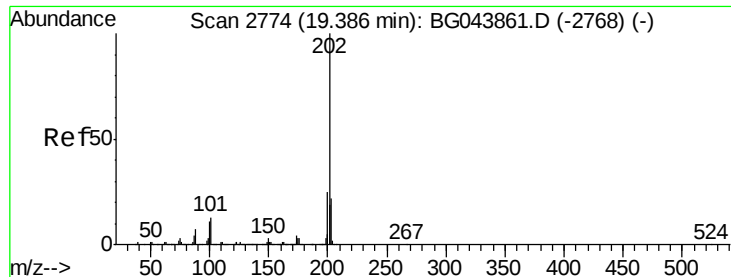
Tot Ion:167 Resp: 1496926
 Ion Ratio Lower Upper
 167 100
 166 26.9 21.6 32.4
 139 15.3 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 38.664 ng
 RT: 18.32 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BG043866.D
 Acq: 30 Dec 2019 17:14

Tgt Ion:149 Resp: 1854828
 Ion Ratio Lower Upper
 149 100
 150 11.8 9.7 14.5
 104 5.9 5.0 7.4





#75

Fluoranthene

Concen: 38.370 ng

RT: 19.39 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

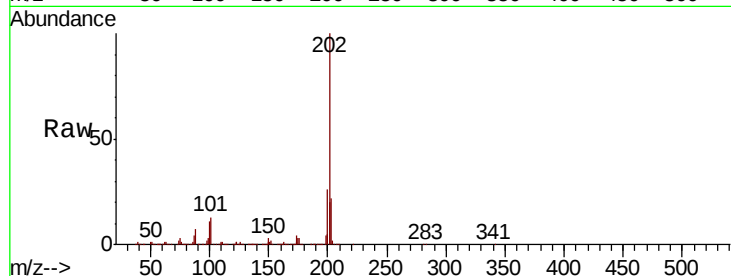
Tot Ion:202 Resp: 1806118

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.3

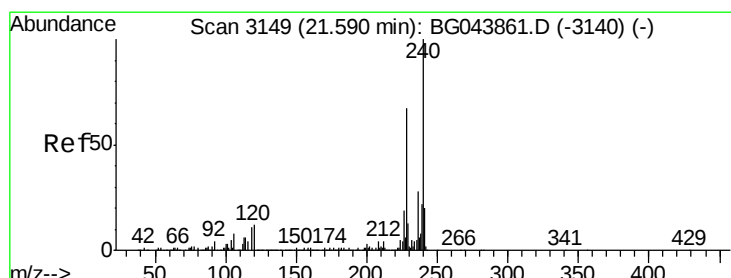
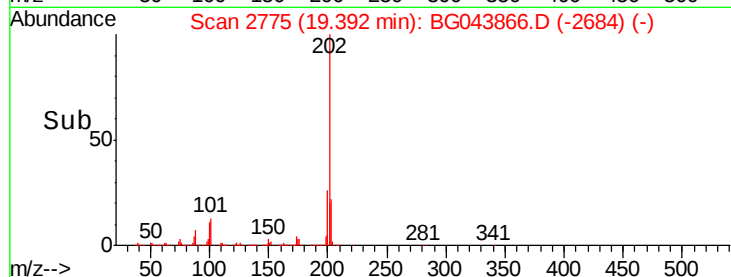
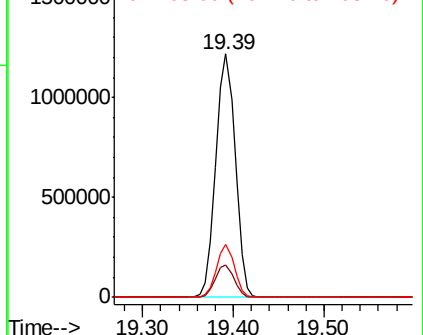
203 21.9 1.6 41.6



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: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

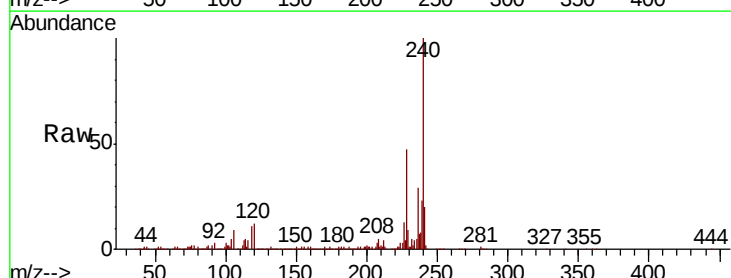
Tgt Ion:240 Resp: 702649

Ion Ratio Lower Upper

240 100

120 11.8 9.6 14.4

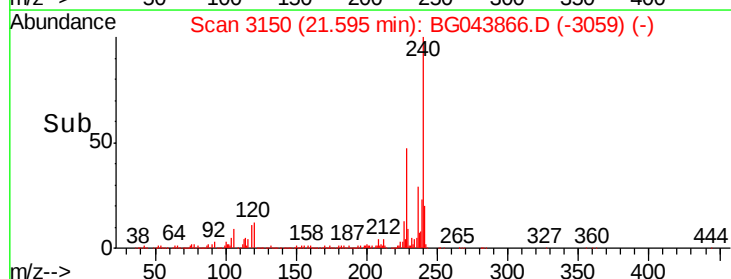
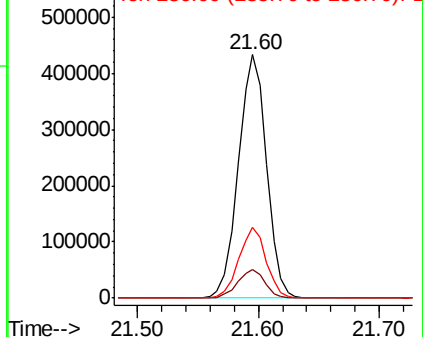
236 28.9 22.2 33.2

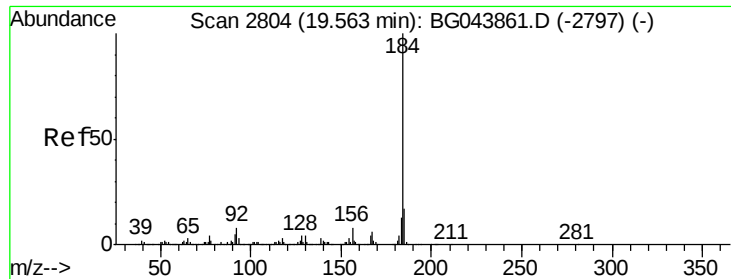


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.184 ng

RT: 19.57 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

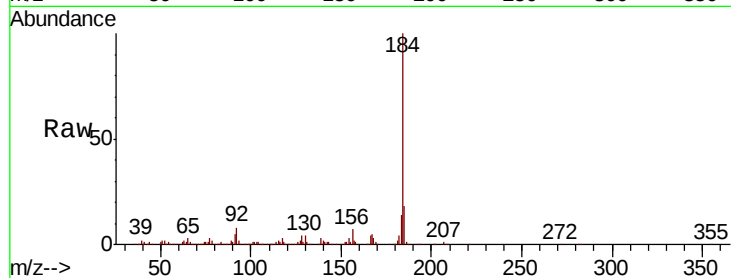
Tot Ion:184 Resp: 639058

Ion Ratio Lower Upper

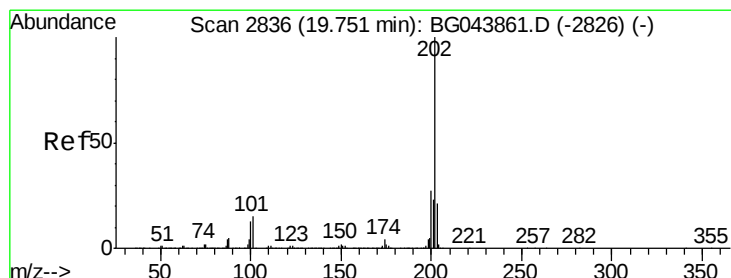
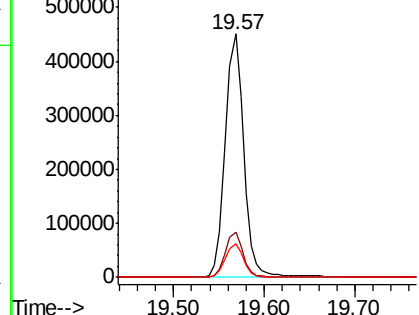
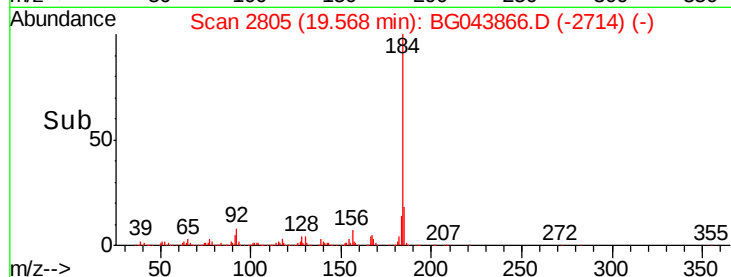
184 100

185 18.5 13.4 20.0

183 14.0 10.6 15.8



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: 39.695 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

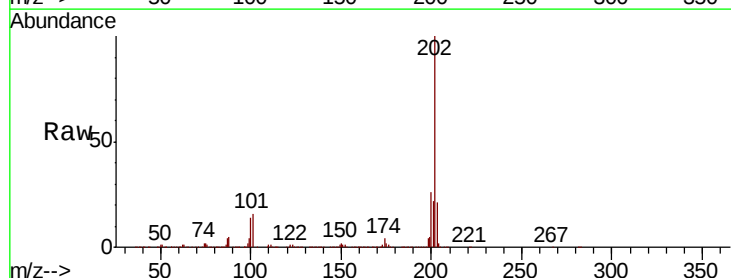
Tgt Ion:202 Resp: 1820621

Ion Ratio Lower Upper

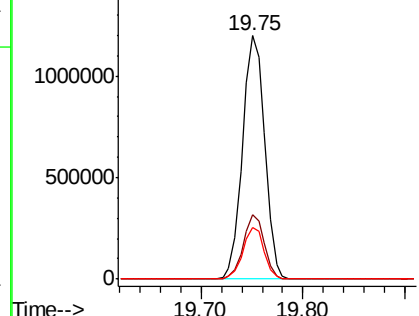
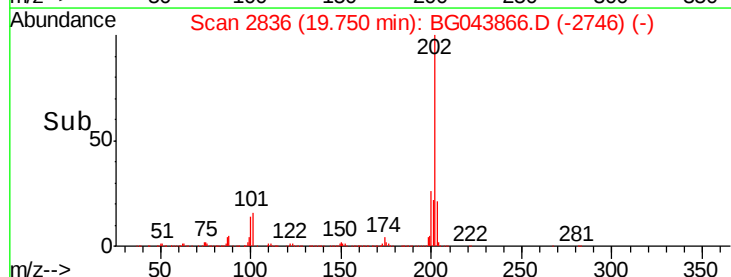
202 100

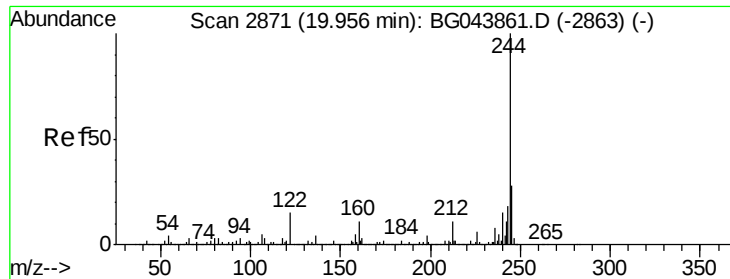
200 26.4 21.7 32.5

203 21.3 17.0 25.6



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: 78.875 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

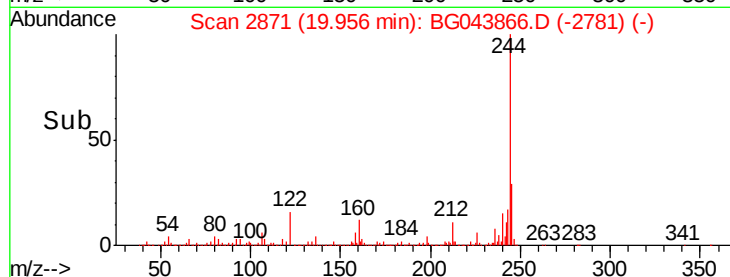
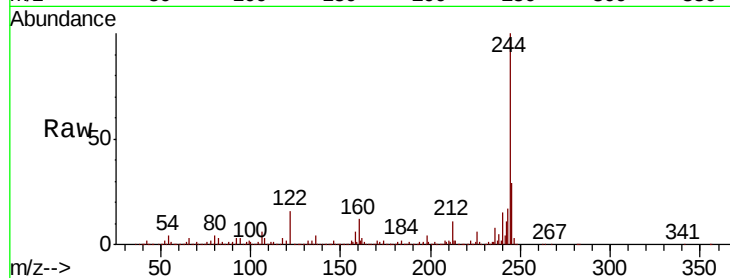
Tot Ion:244 Resp: 2343728

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.6	13.0
122	15.9	11.9	17.9

244 100

212 11.1 8.6 13.0

122 15.9 11.9 17.9

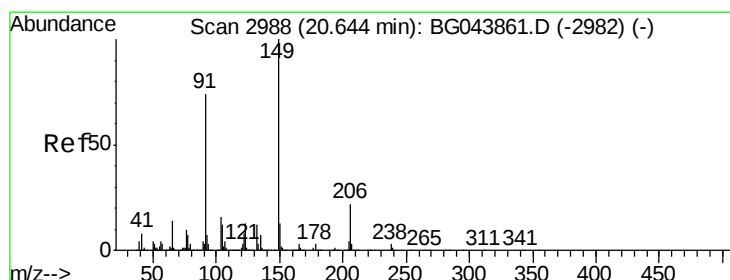
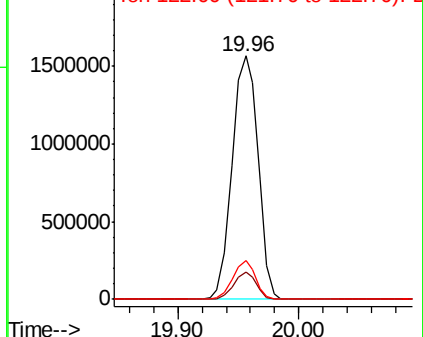


Abundance

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: 41.094 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

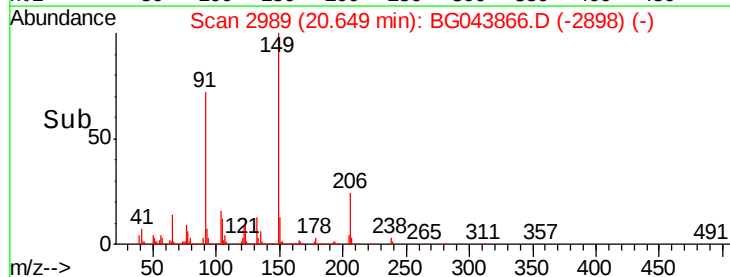
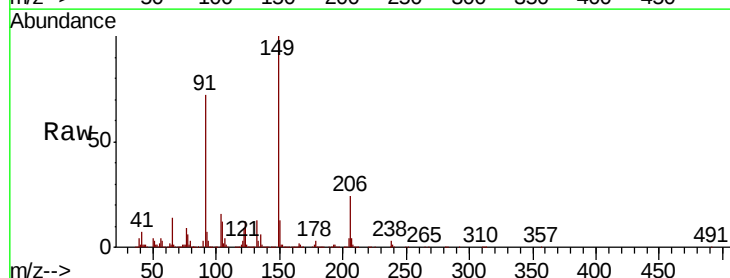
Tgt Ion:149 Resp: 897331

Ion	Ratio	Lower	Upper
149	100		
91	72.1	59.5	89.3
206	24.1	17.8	26.6

149 100

91 72.1 59.5 89.3

206 24.1 17.8 26.6

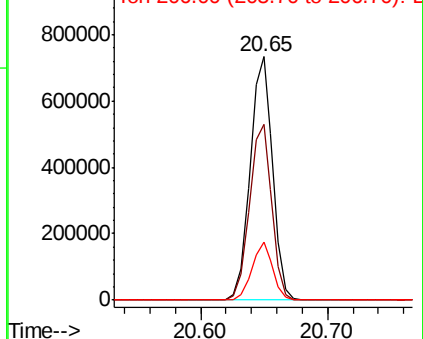


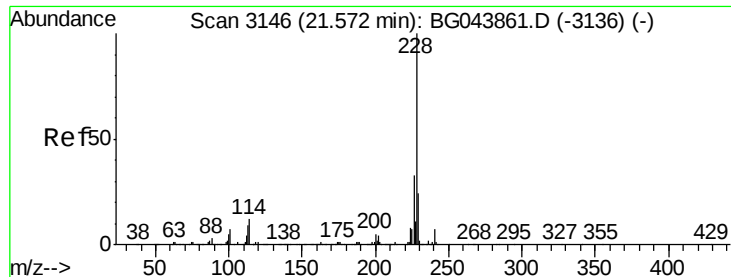
Abundance

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: 40.642 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampled :

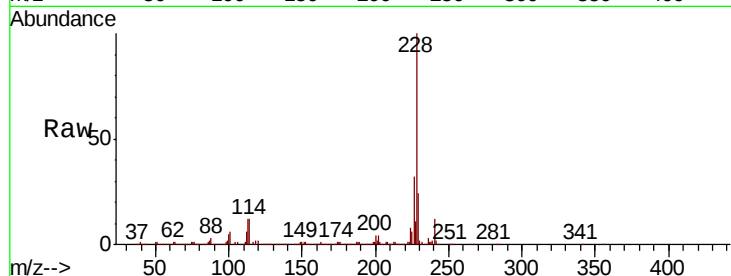
Tot Ion:228 Resp: 1770731

Ion Ratio Lower Upper

228 100

226 32.3 26.2 39.4

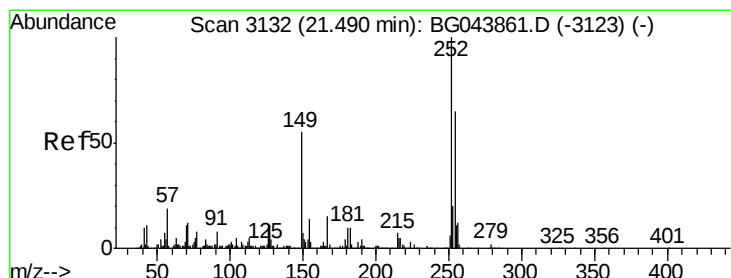
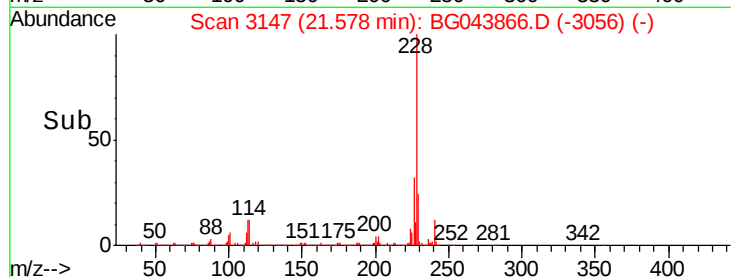
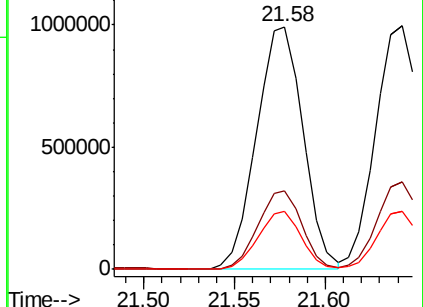
229 23.7 18.9 28.3



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: 39.259 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

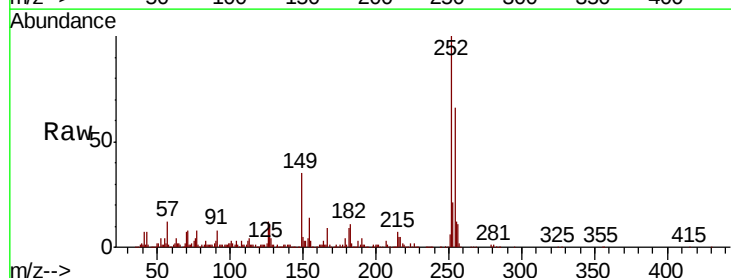
Tgt Ion:252 Resp: 675769

Ion Ratio Lower Upper

252 100

254 65.6 52.1 78.1

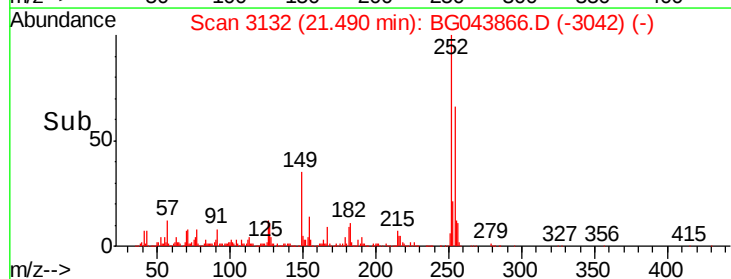
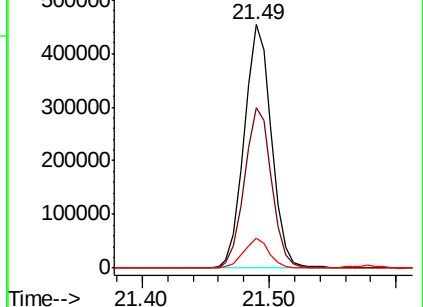
126 12.0 9.1 13.7

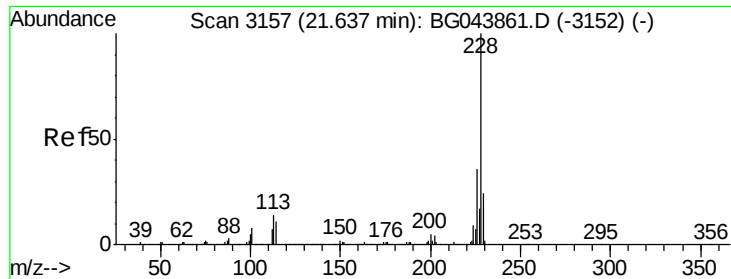


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.936 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

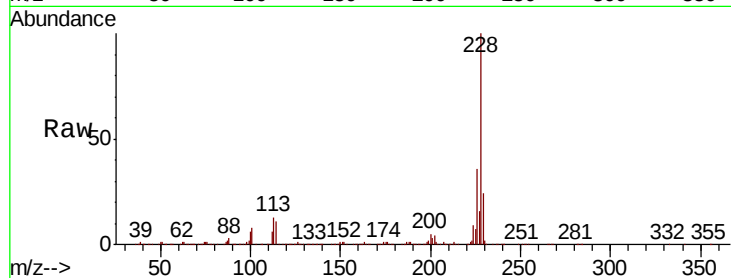
Tot Ion:228 Resp: 1694739

Ion	Ratio	Lower	Upper
228	100		
226	36.1	28.8	43.2
229	23.6	19.0	28.6

228 100

226 36.1 28.8 43.2

229 23.6 19.0 28.6

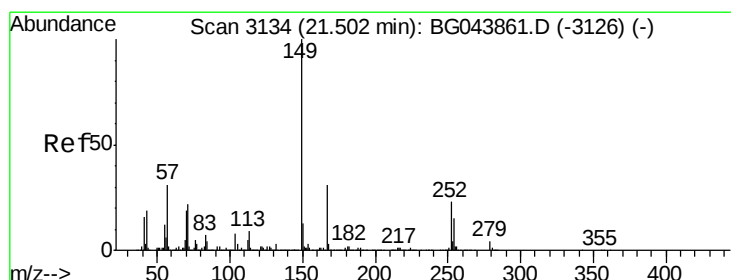
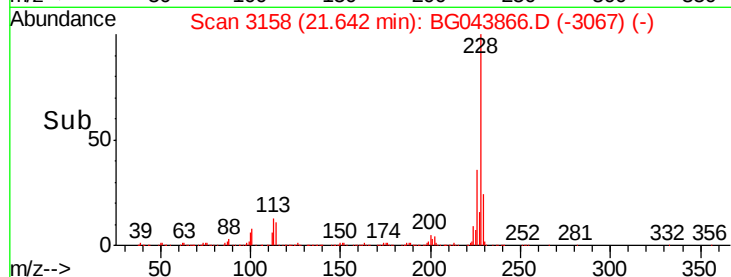
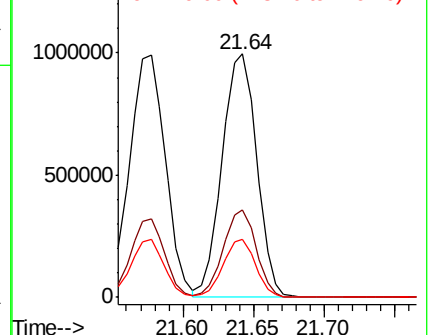


Abundance

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: 41.317 ng

RT: 21.51 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

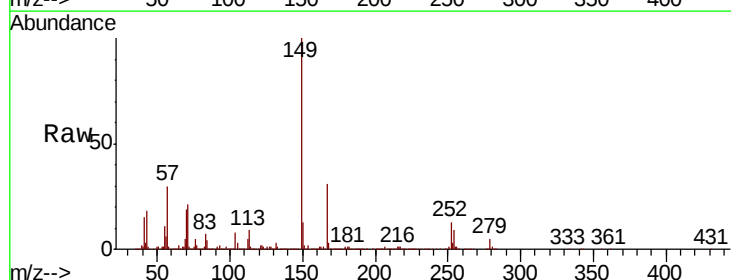
Tgt Ion:149 Resp: 1244838

Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.7	37.1
279	4.6	3.3	4.9

149 100

167 30.8 24.7 37.1

279 4.6 3.3 4.9

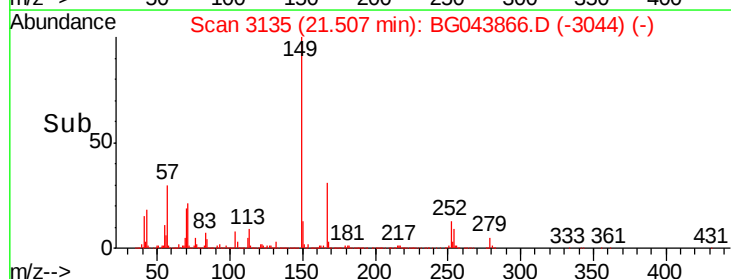
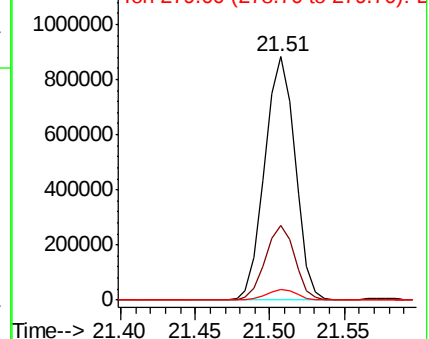


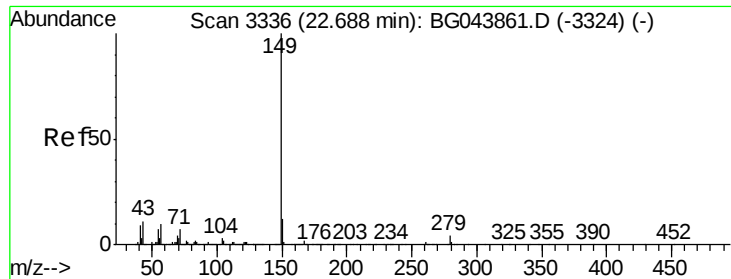
Abundance

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: 41.468 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

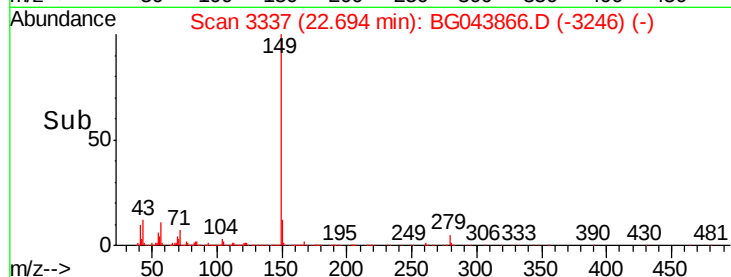
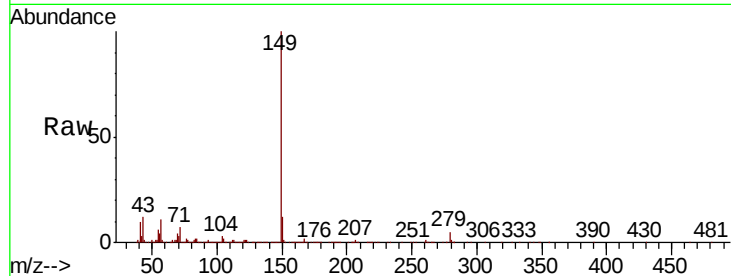
Tot Ion:149 Resp: 2100454

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

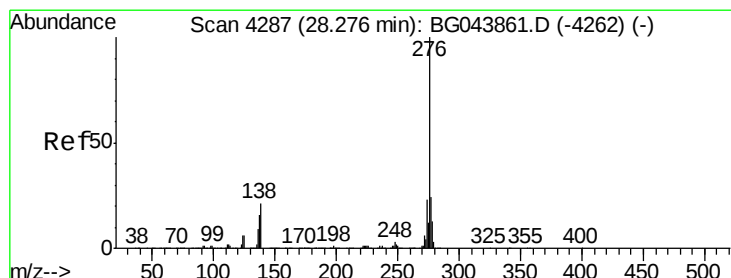
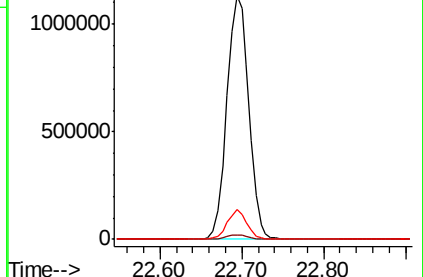
43 10.8 8.8 13.2



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: 39.502 ng

RT: 28.28 min Scan# 4287

Delta R.T. -0.00 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

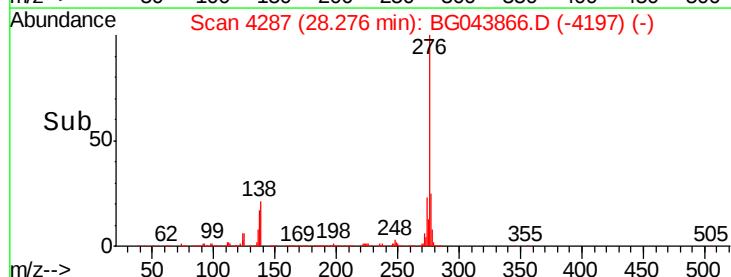
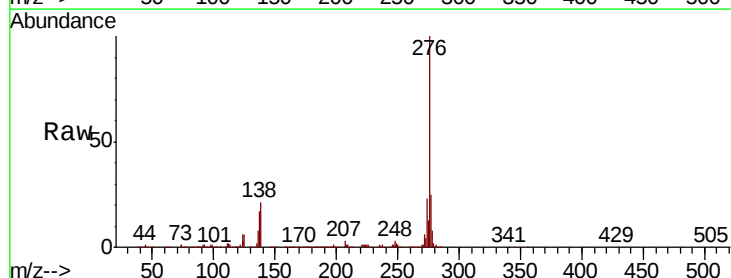
Tgt Ion:276 Resp: 2222482

Ion Ratio Lower Upper

276 100

138 19.3 21.0 31.4#

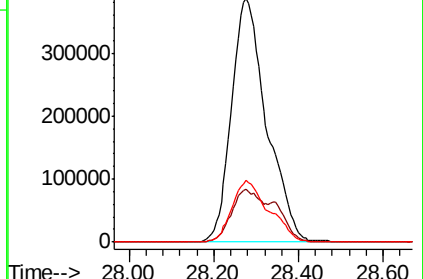
277 26.5 21.1 31.7

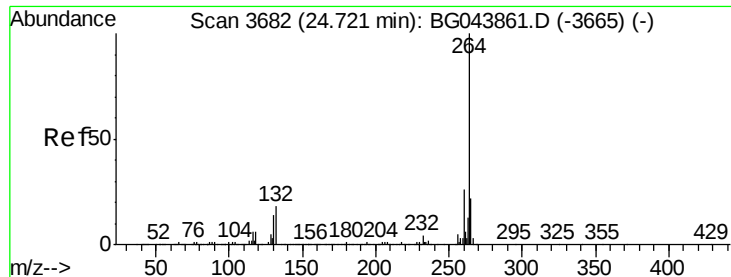


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.73 min Scan# 3683

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

Instrument :

BNA_G

ClientSampleId :

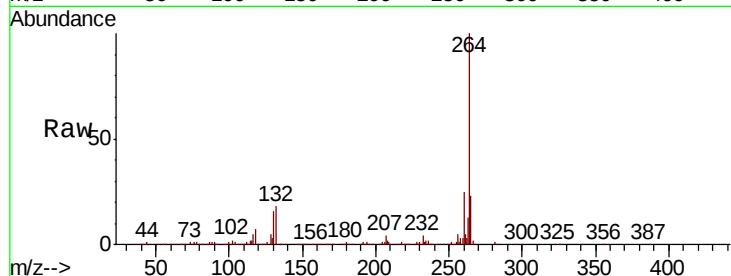
Tot Ion:264 Resp: 802181

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

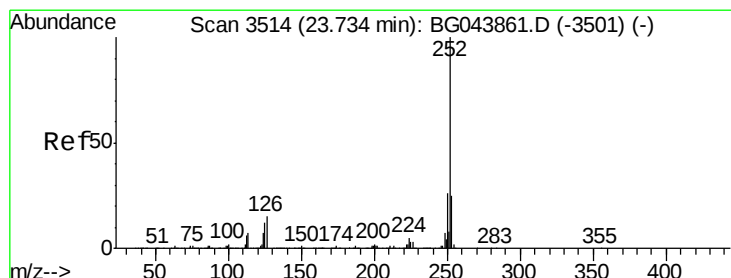
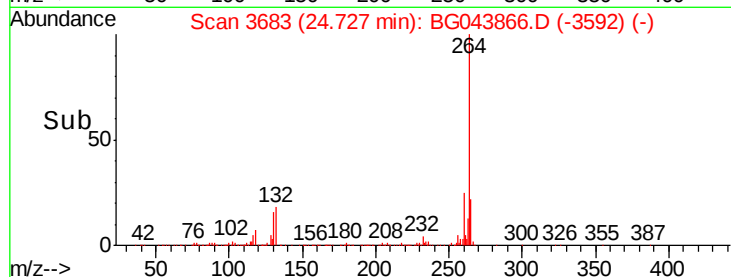
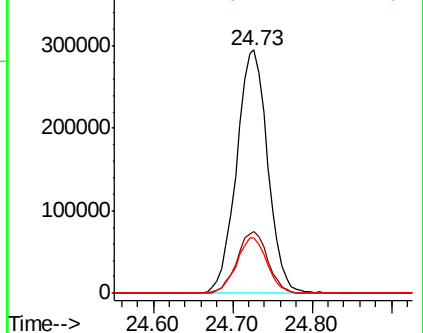
265 22.5 17.4 26.2



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: 39.786 ng

RT: 23.74 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BG043866.D

Acq: 30 Dec 2019 17:14

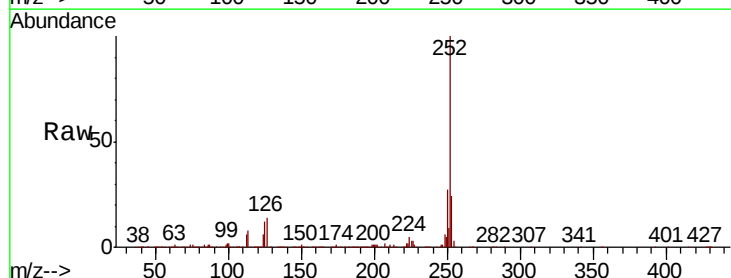
Tgt Ion:252 Resp: 1886776

Ion Ratio Lower Upper

252 100

253 24.2 19.7 29.5

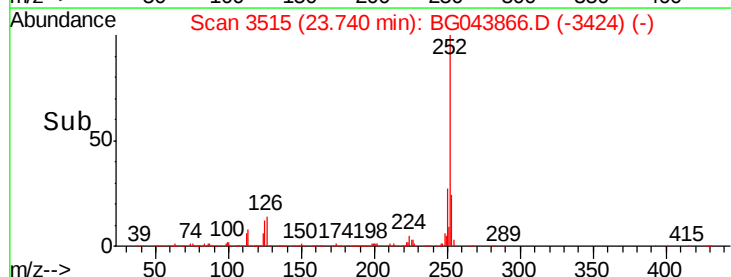
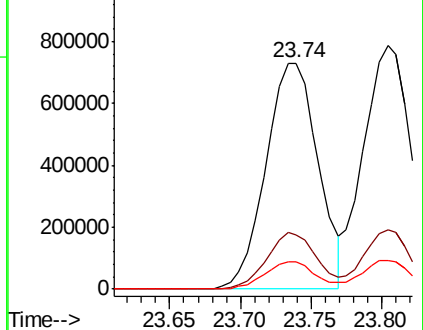
125 12.0 9.4 14.2

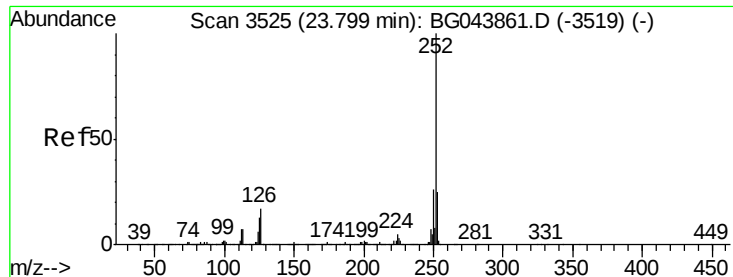


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

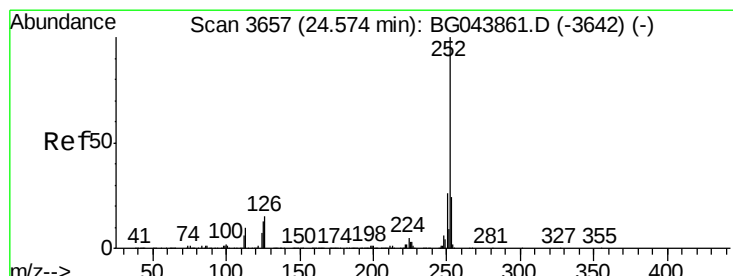
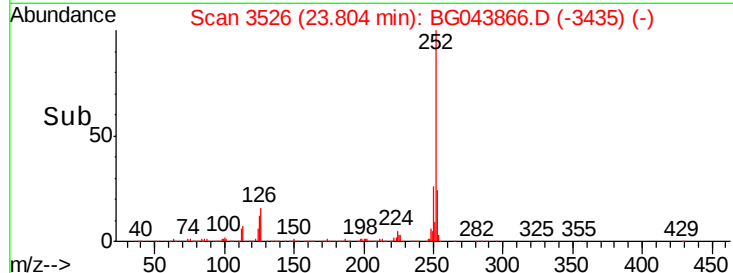
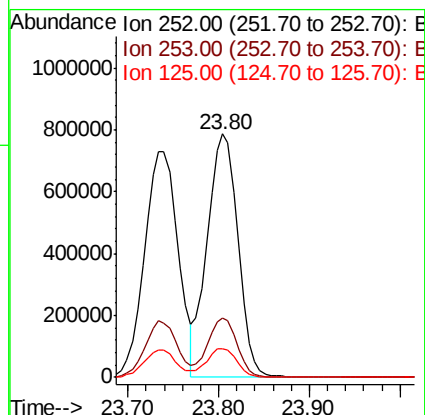
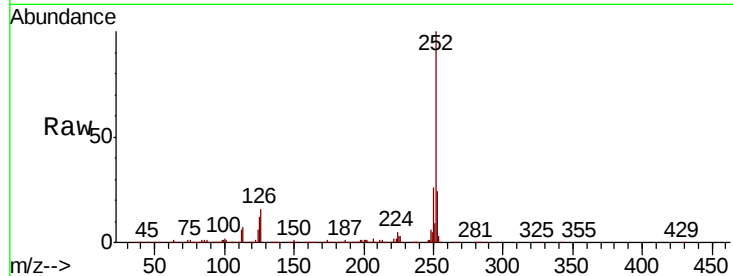




#89
Benzo(k)fluoranthene
Concen: 41.146 ng
RT: 23.80 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

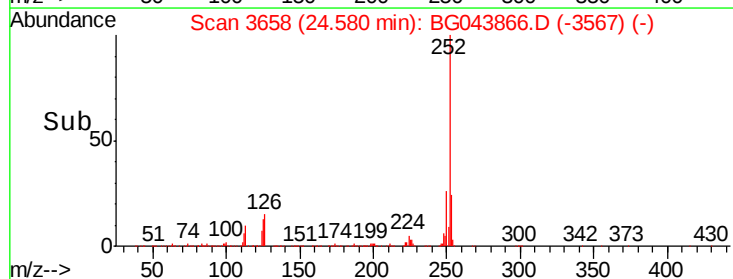
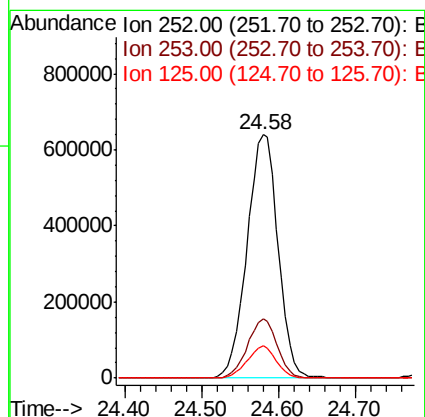
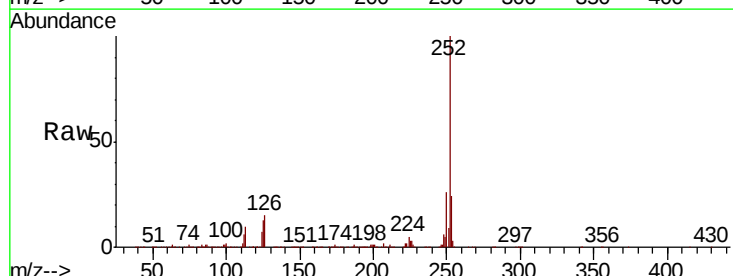
Instrument :
BNA_G
ClientSampled :

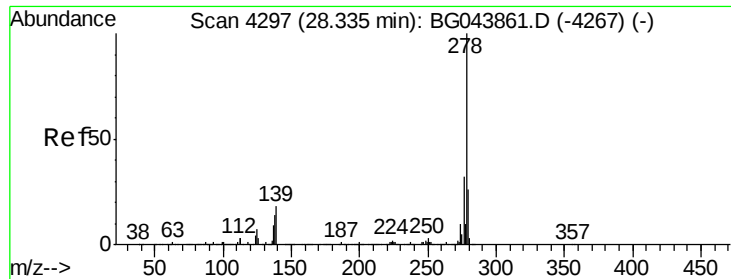
Tot Ion:252 Resp: 1855542
Ion Ratio Lower Upper
252 100
253 24.3 19.4 29.2
125 12.0 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.236 ng
RT: 24.58 min Scan# 3658
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:252 Resp: 1800917
Ion Ratio Lower Upper
252 100
253 24.4 19.3 28.9
125 13.1 10.4 15.6



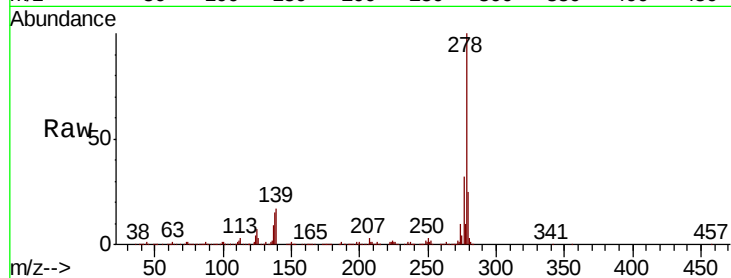


#91
Dibenzo(a,h)anthracene
Concen: 39.983 ng
RT: 28.35 min Scan# 4299
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

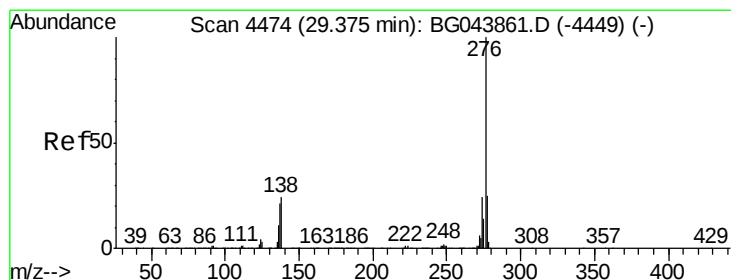
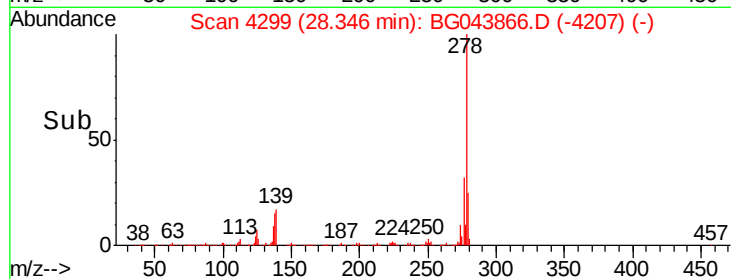
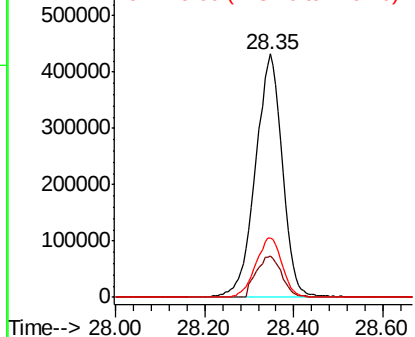
Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 1797278

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.2	21.4
279	24.6	20.6	30.8



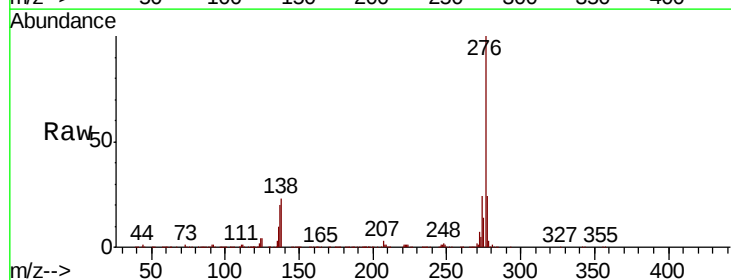
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.895 ng
RT: 29.39 min Scan# 4476
Delta R.T. 0.01 min
Lab File: BG043866.D
Acq: 30 Dec 2019 17:14

Tgt Ion:276 Resp: 1781335

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.2	30.4
138	22.8	19.0	28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

