

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042386.D
 Acq On : 21 Aug 2019 16:46
 Operator : HP/JU
 Sample : K4365-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 17:35:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74523	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	307753	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	237263	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	541382	20.00	ng	0.00
76) Chrysene-d12	21.70	240	413646	20.00	ng	0.00
87) Perylene-d12	24.95	264	492247	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	390969	106.29	ng	0.00
7) Phenol-d6	7.18	99	540677	108.24	ng	0.01
23) Nitrobenzene-d5	9.18	82	308404	70.48	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	319355	98.83	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	895610	63.87	ng	0.00
79) Terphenyl-d14	20.03	244	1316010	69.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	35604	22.446	ng	99
3) Pyridine	3.83	79	112391	27.662	ng	98
4) n-Nitrosodimethylamine	3.75	42	44948	32.132	ng	92
6) Aniline	7.33	93	126554	19.196	ng	99
8) 2-Chlorophenol	7.57	128	161384	36.092	ng	97
9) Benzaldehyde	7.14	77	59168	21.057	ng	98
10) Phenol	7.20	94	187968	37.011	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	131110	32.684	ng	98
12) 1,3-Dichlorobenzene	7.90	146	171352	30.110	ng	98
13) 1,4-Dichlorobenzene	8.04	146	174814	30.498	ng	98
14) 1,2-Dichlorobenzene	8.37	146	168171	30.744	ng	98
15) Benzyl Alcohol	8.25	79	127410	37.086	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	169390	30.622	ng	100
17) 2-Methylphenol	8.46	107	132443	35.269	ng	98
18) Hexachloroethane	9.10	117	55701	28.275	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	103487	32.208	ng	97
20) 3+4-Methylphenols	8.80	107	187819	36.152	ng	98
22) Acetophenone	8.84	105	223202	34.133	ng	# 98
24) Nitrobenzene	9.22	77	150945	33.855	ng	98
25) Isophorone	9.75	82	288796	33.006	ng	98
26) 2-Nitrophenol	9.94	139	77017	27.787	ng	98
27) 2,4-Dimethylphenol	10.00	122	161516	42.005	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	184169	32.677	ng	97
29) 2,4-Dichlorophenol	10.48	162	197755	38.680	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	203470	32.558	ng	98
31) Naphthalene	10.88	128	482365	33.822	ng	98
32) Benzoic acid	10.00	122	161516	56.201	ng	# 16
33) 4-Chloroaniline	10.99	127	123940	19.057	ng	98
34) Hexachlorobutadiene	11.17	225	130327	31.119	ng	99
35) Caprolactam	11.77	113	62102	38.111	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	182672	38.226	ng	98
37) 2-Methylnaphthalene	12.49	142	394440	34.502	ng	97
38) 1-Methylnaphthalene	12.71	142	372439	34.200	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	260836	34.107	ng	98

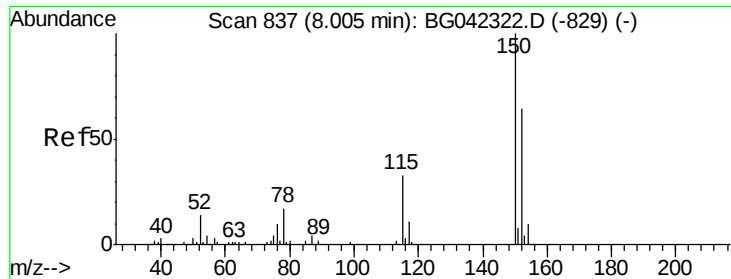
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	99102	27.041	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	184114	35.969	ng	100
44) 2,4,5-Trichlorophenol	13.18	196	188584	35.771	ng	98
46) 1,1'-Biphenyl	13.50	154	519428	33.556	ng	98
47) 2-Chloronaphthalene	13.54	162	431724	32.715	ng	99
48) 2-Nitroaniline	13.74	65	112775	36.159	ng	98
49) Acenaphthylene	14.39	152	686234	34.591	ng	99
50) Dimethylphthalate	14.12	163	742343	44.032	ng	98
51) 2,6-Dinitrotoluene	14.24	165	132870	33.674	ng	98
52) Acenaphthene	14.73	154	401422	33.170	ng	97
53) 3-Nitroaniline	14.57	138	110291	28.427	ng	97
54) 2,4-Dinitrophenol	14.81	184	2327	7.350	ng	94
55) Dibenzofuran	15.06	168	692555	35.133	ng	98
56) 4-Nitrophenol	14.89	139	183041	65.395	ng	98
57) 2,4-Dinitrotoluene	15.03	165	187084	33.912	ng	100
58) Fluorene	15.72	166	561077	34.989	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	161265	31.496	ng	92
60) Diethylphthalate	15.48	149	558849	34.262	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	331003	34.373	ng	99
62) 4-Nitroaniline	15.73	138	152692	37.243	ng	96
63) Azobenzene	16.00	77	397478	34.969	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	6756	2.045	ng	93
66) n-Nitrosodiphenylamine	15.92	169	533839	35.239	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	235615	34.199	ng	97
68) Hexachlorobenzene	16.73	284	247248	33.502	ng	98
69) Atrazine	16.87	200	208727	40.197	ng	99
70) Pentachlorophenol	17.07	266	205575	52.329	ng	98
71) Phenanthrene	17.46	178	927307	34.392	ng	99
72) Anthracene	17.55	178	946327	35.191	ng	99
73) Carbazole	17.82	167	823678	34.481	ng	99
74) Di-n-butylphthalate	18.38	149	940398	33.749	ng	100
75) Fluoranthene	19.47	202	1038726	31.947	ng	99
77) Benzidine	19.65	184	328504	29.953	ng	99
78) Pyrene	19.84	202	1012409	39.777	ng	99
80) Butylbenzylphthalate	20.72	149	333672	33.078	ng	98
81) Benzo(a)anthracene	21.68	228	866861	34.125	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	227245	22.476	ng	99
83) Chrysene	21.75	228	842057	34.652	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	453275	32.227	ng	99
85) Di-n-octyl phthalate	22.80	149	803736	33.501	ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1112287	34.282	ng	# 90
88) Benzo(b)fluoranthene	23.91	252	953946	35.258	ng	100
89) Benzo(k)fluoranthene	23.98	252	919794	34.778	ng	98
90) Benzo(a)pyrene	24.79	252	921550	35.546	ng	98
91) Dibenzo(a,h)anthracene	28.72	278	925544	35.785	ng	99
92) Benzo(g,h,i)perylene	29.82	276	923094	35.815	ng	97

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

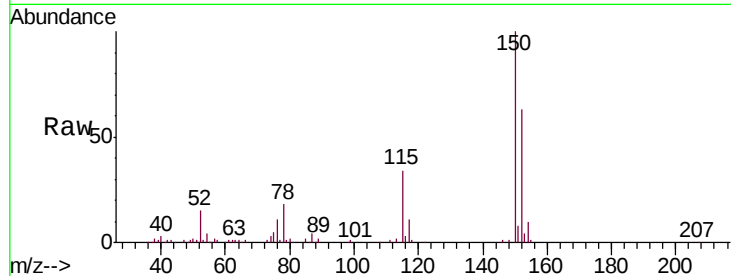


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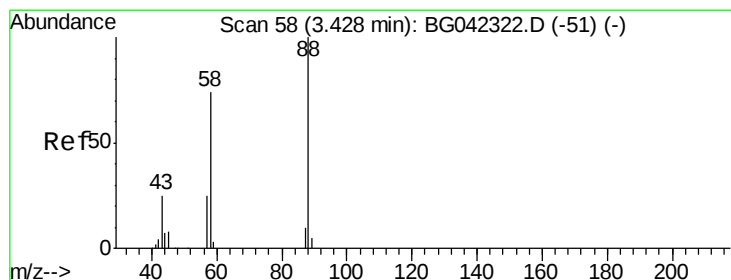
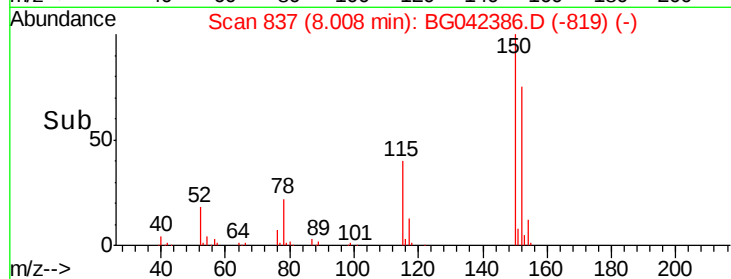
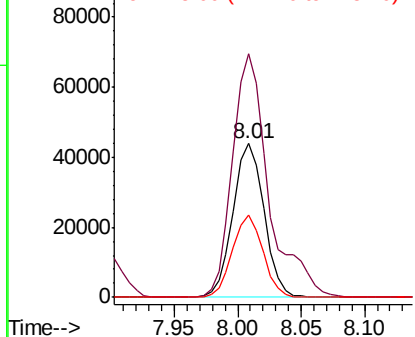
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74523
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 53.8 40.5 60.7



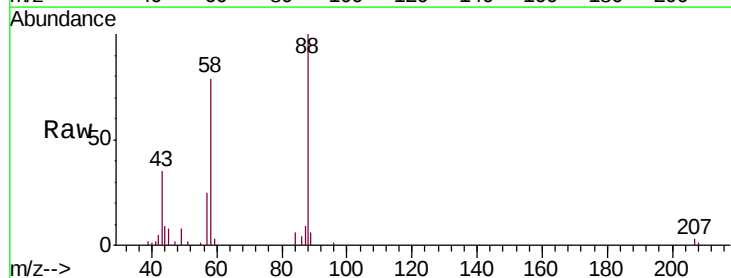
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



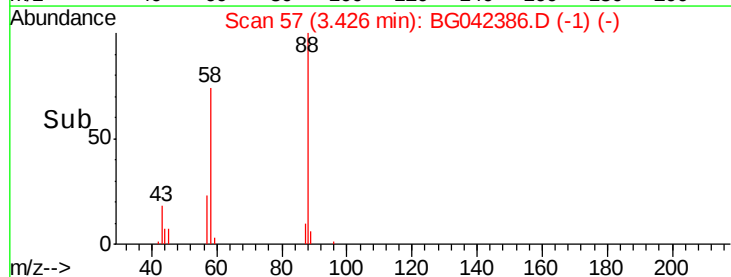
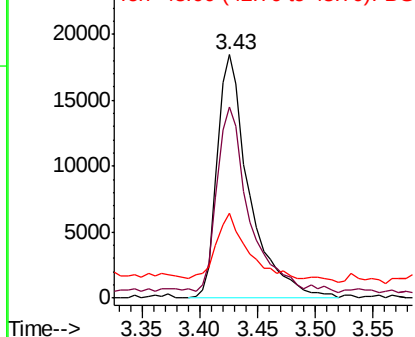
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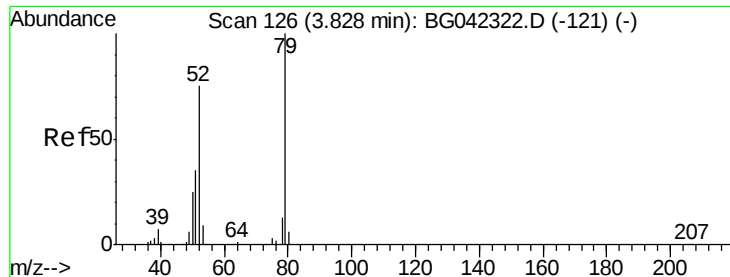
1,4-Dioxane
Concen: 22.446 ng
RT: 3.43 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion: 88 Resp: 35604
Ion Ratio Lower Upper
88 100
58 74.1 58.6 88.0
43 25.3 19.4 29.0



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: 27.662 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

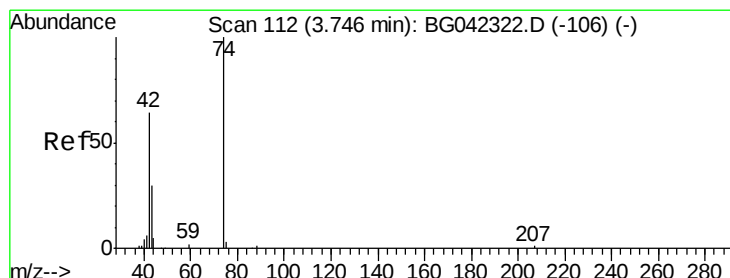
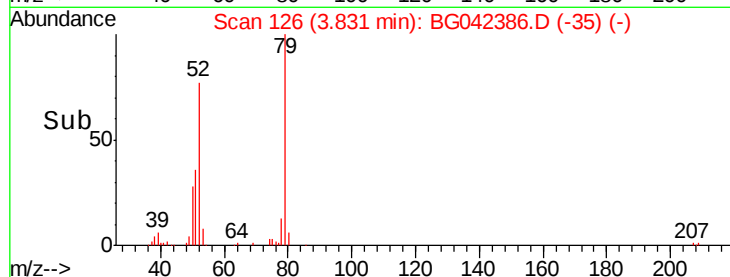
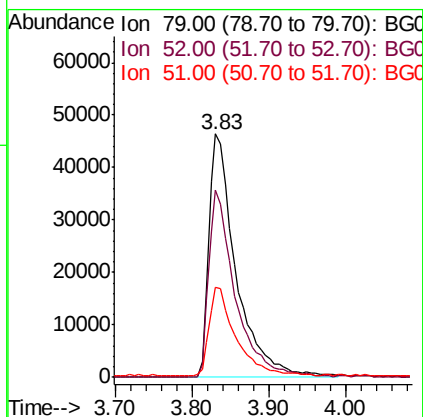
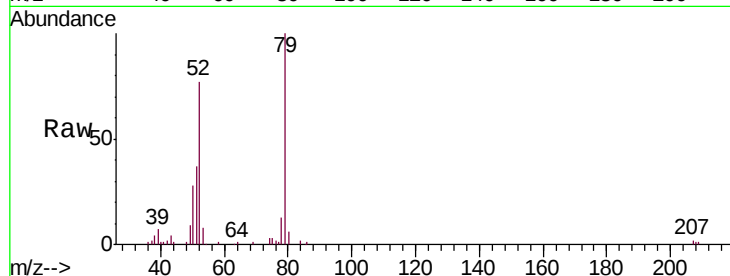
Tot Ion: 79 Resp: 112391

Ion Ratio Lower Upper

79 100

52 77.0 60.0 90.0

51 36.8 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 32.132 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

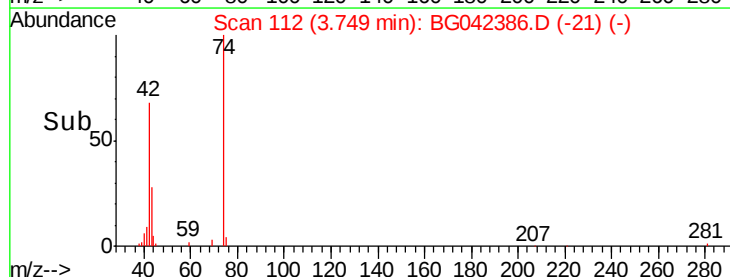
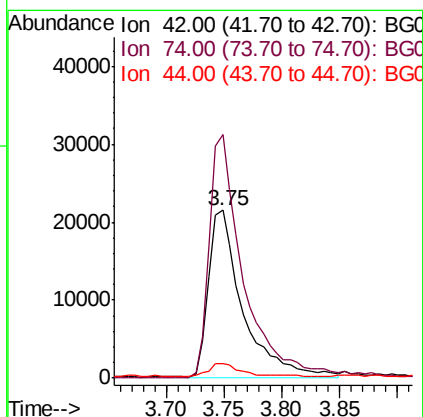
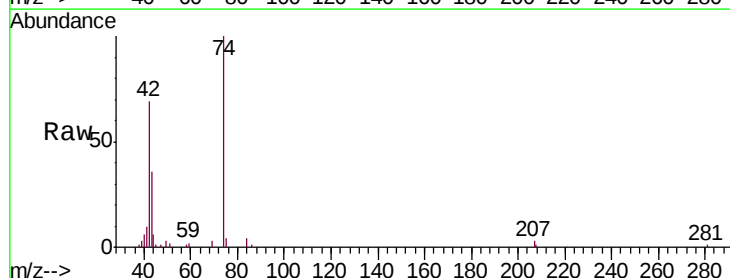
Tgt Ion: 42 Resp: 44948

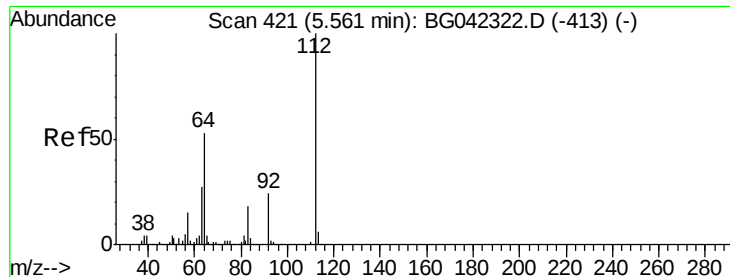
Ion Ratio Lower Upper

42 100

74 144.9 124.2 186.2

44 8.5 6.5 9.7





#5

2-Fluorophenol

Concen: 106.295 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

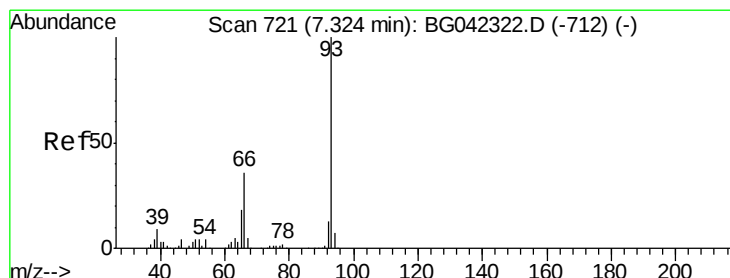
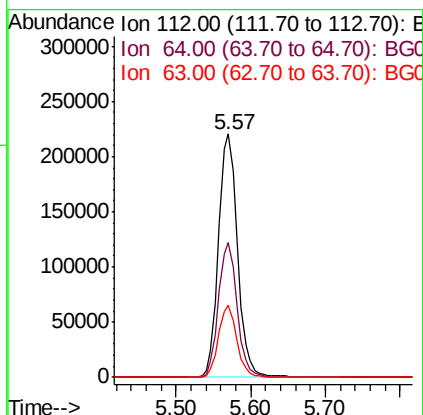
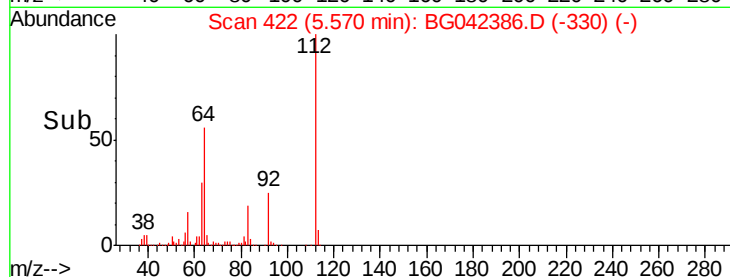
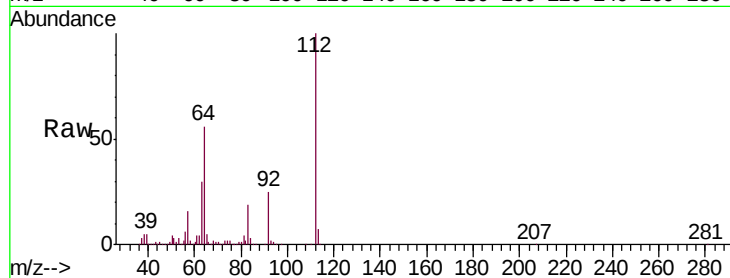
Tot Ion:112 Resp: 390969

Ion Ratio Lower Upper

112 100

64 55.6 42.5 63.7

63 29.6 21.7 32.5



#6

Aniline

Concen: 19.196 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

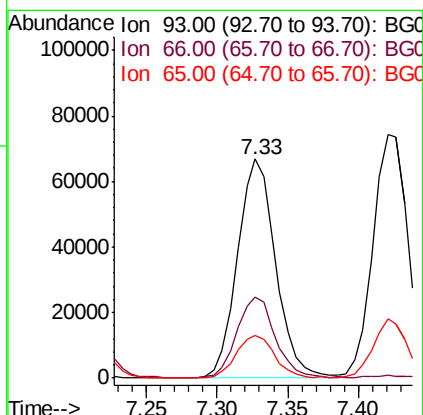
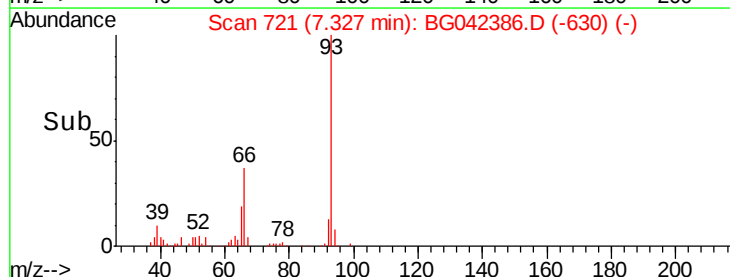
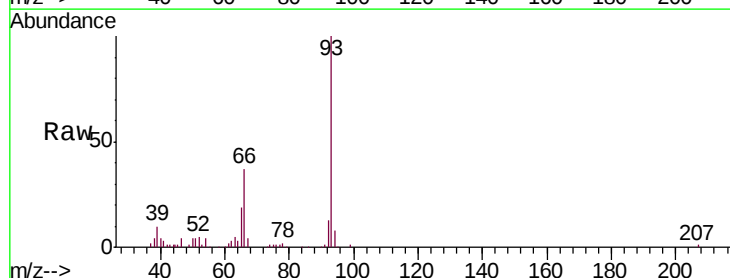
Tgt Ion: 93 Resp: 126554

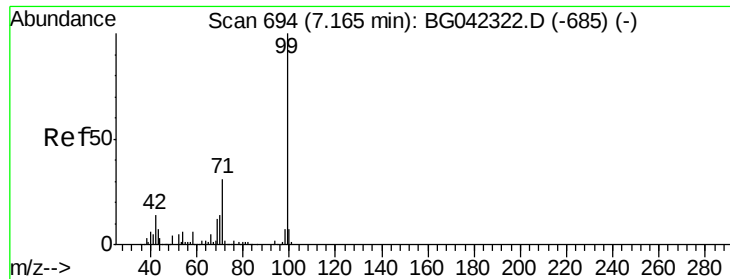
Ion Ratio Lower Upper

93 100

66 37.0 29.1 43.7

65 19.4 14.7 22.1





#7

Phenol-d6

Concen: 108.235 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

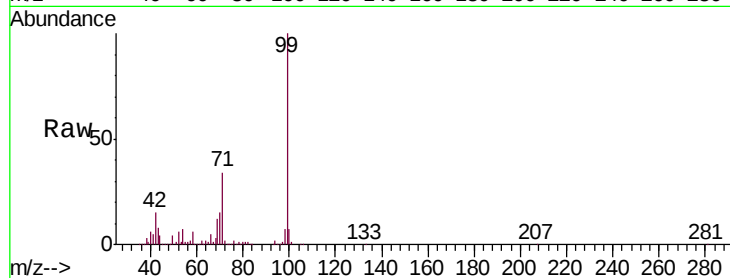
Tot Ion: 99 Resp: 540677

Ion Ratio Lower Upper

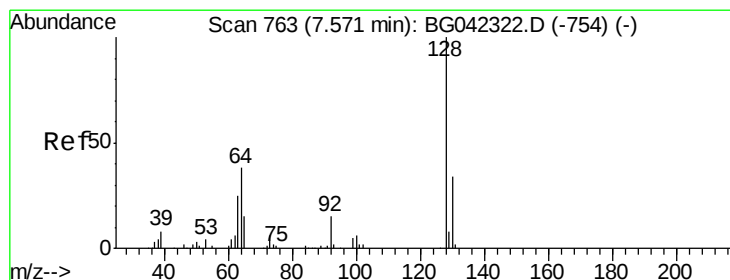
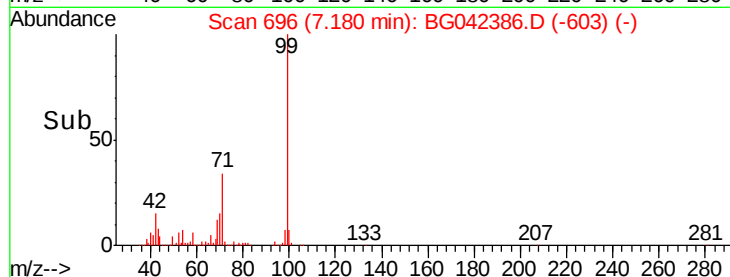
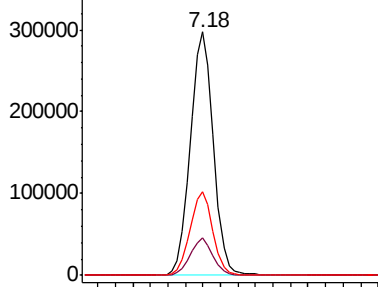
99 100

42 15.2 11.4 17.0

71 34.1 25.1 37.7



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



#8

2-Chlorophenol

Concen: 36.092 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

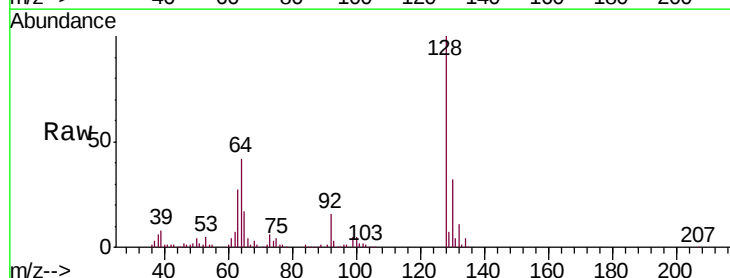
Tgt Ion: 128 Resp: 161384

Ion Ratio Lower Upper

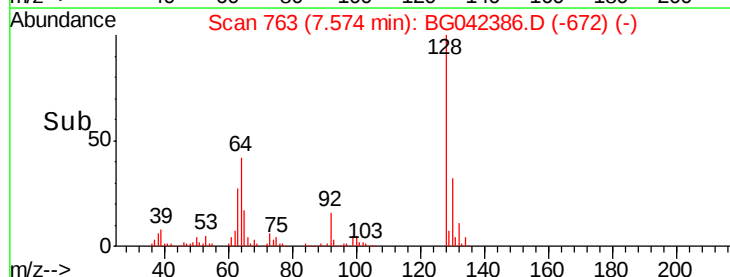
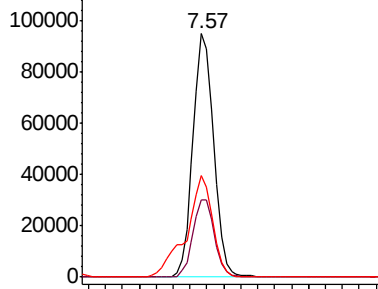
128 100

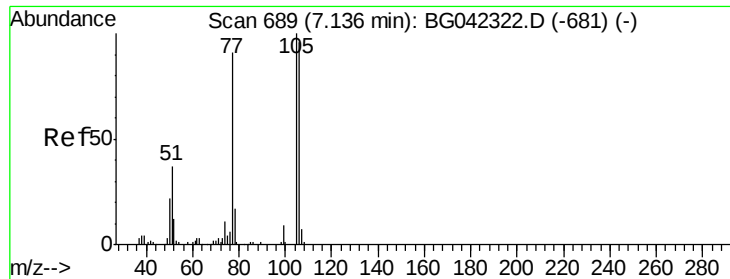
130 31.6 13.5 53.5

64 41.8 19.8 59.8



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





#9

Benzaldehyde

Concen: 21.057 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

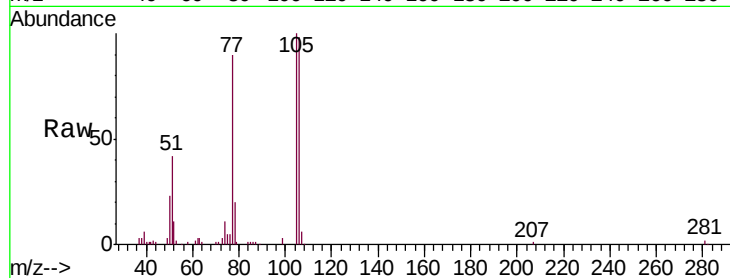
Tot Ion: 77 Resp: 59168

Ion Ratio Lower Upper

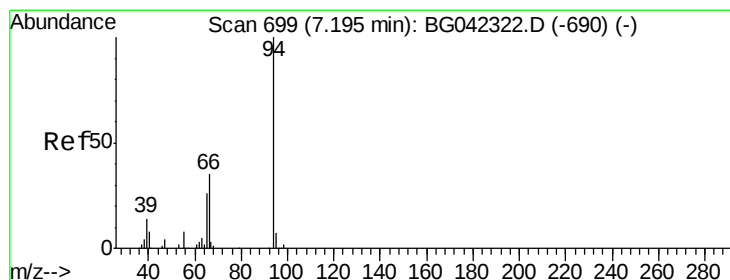
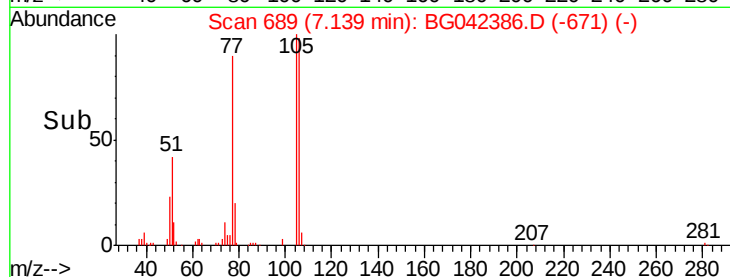
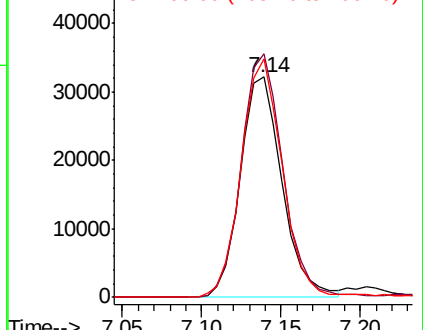
77 100

105 110.6 89.8 129.8

106 108.1 85.1 125.1



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



#10

Phenol

Concen: 37.011 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

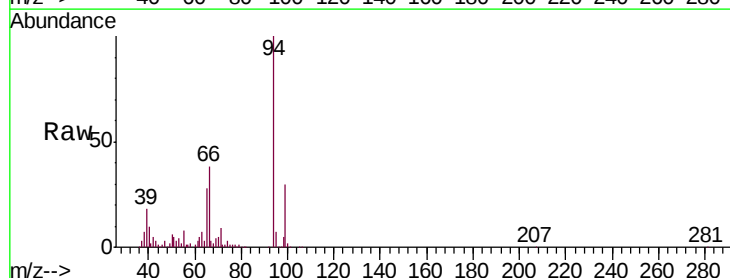
Tgt Ion: 94 Resp: 187968

Ion Ratio Lower Upper

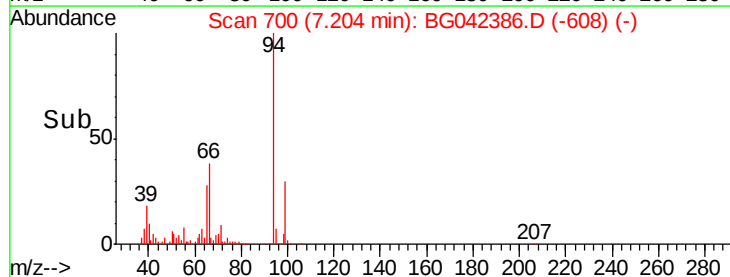
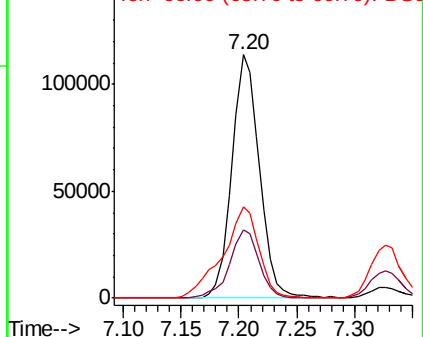
94 100

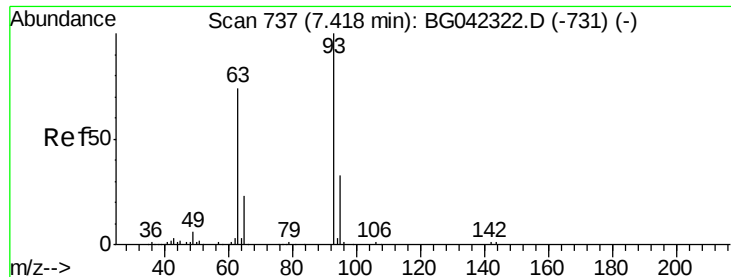
65 27.9 6.1 46.1

66 37.6 15.7 55.7



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

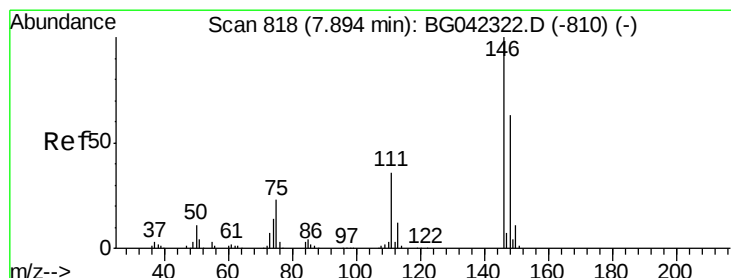
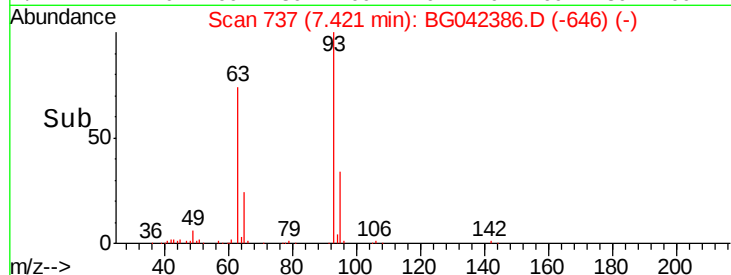
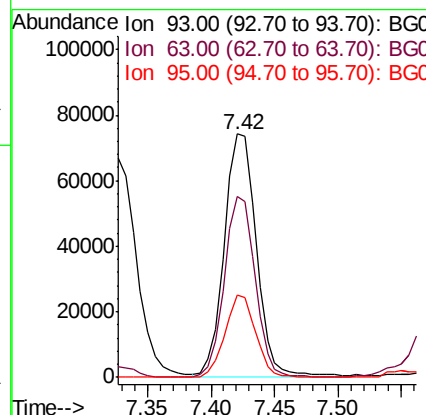
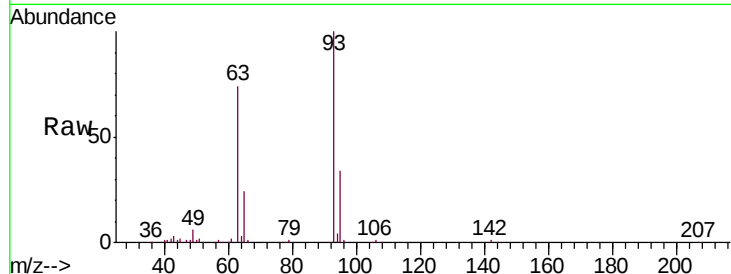




#11
 bis(2-Chloroethyl)ether
 Concen: 32.684 ng
 RT: 7.42 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

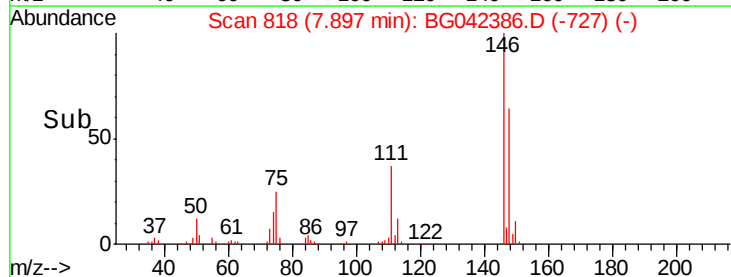
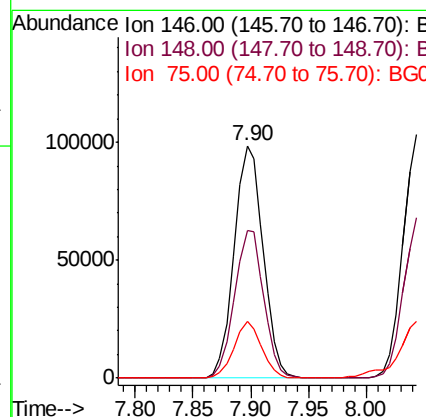
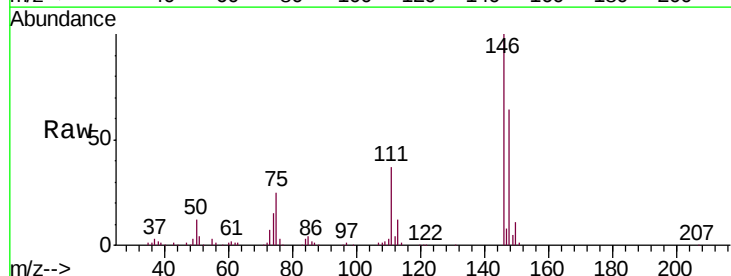
Instrument :
 BNA_G
 ClientSampled :

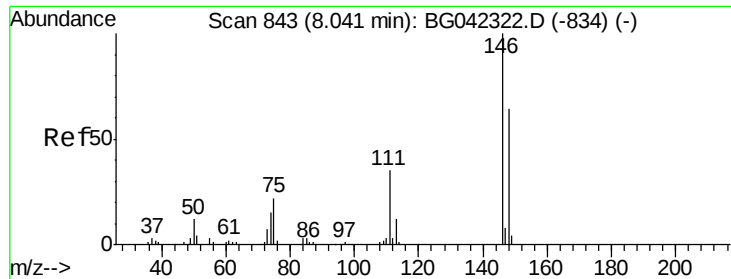
Tot Ion: 93 Resp: 131110
 Ion Ratio Lower Upper
 93 100
 63 74.4 53.0 93.0
 95 34.0 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 30.110 ng
 RT: 7.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion: 146 Resp: 171352
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 75 24.6 18.2 27.4

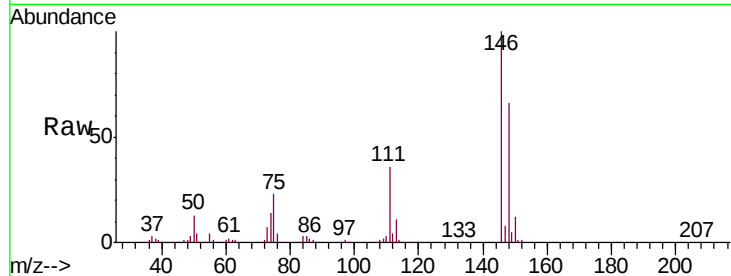




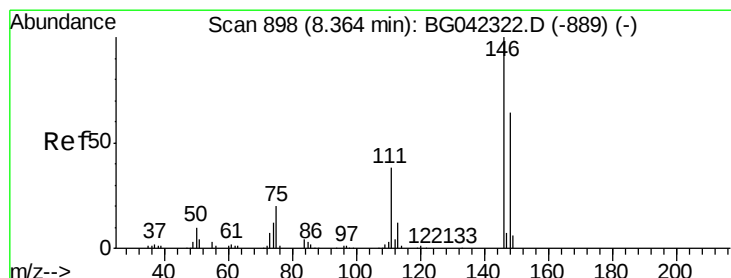
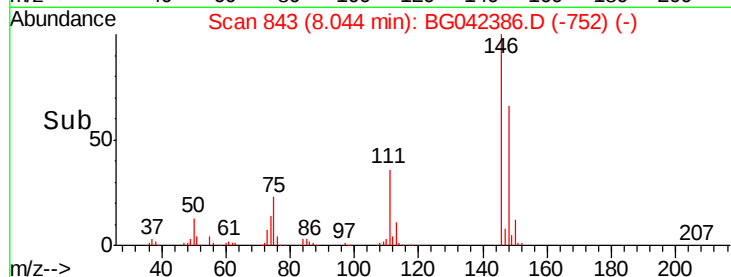
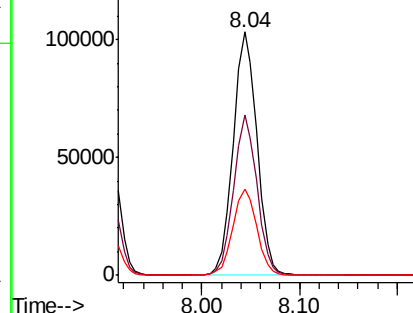
#13
 1,4-Dichlorobenzene
 Concen: 30.498 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 174814
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.9 76.3
 111 35.6 28.3 42.5

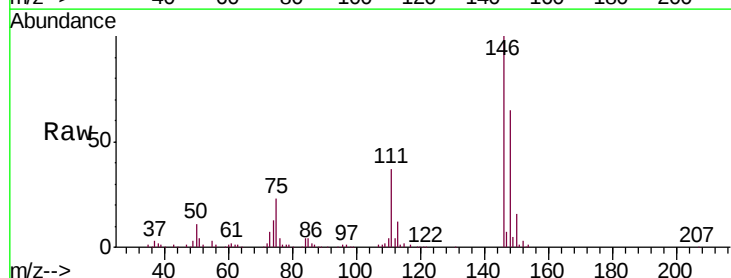


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

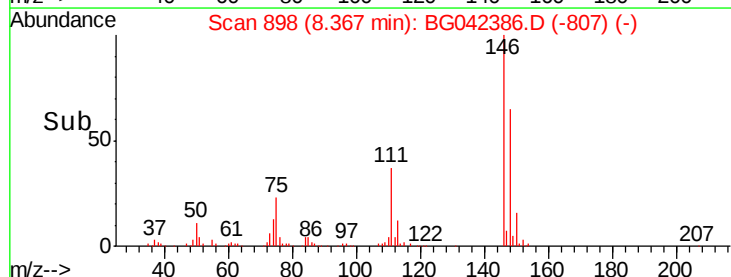
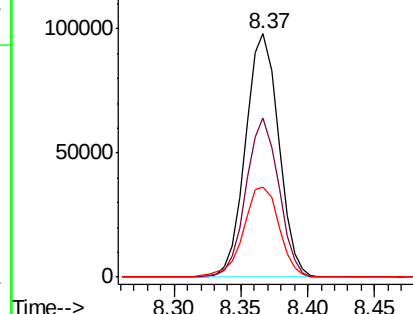


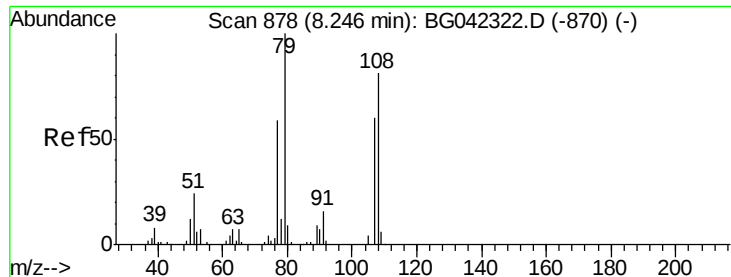
#14
 1,2-Dichlorobenzene
 Concen: 30.744 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion:146 Resp: 168171
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.4
 111 36.9 30.6 46.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.086 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampled :

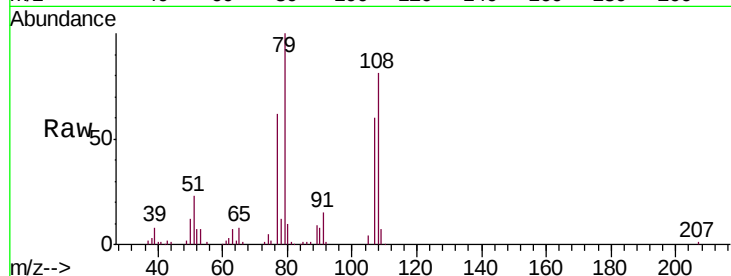
Tot Ion: 79 Resp: 127410

Ion Ratio Lower Upper

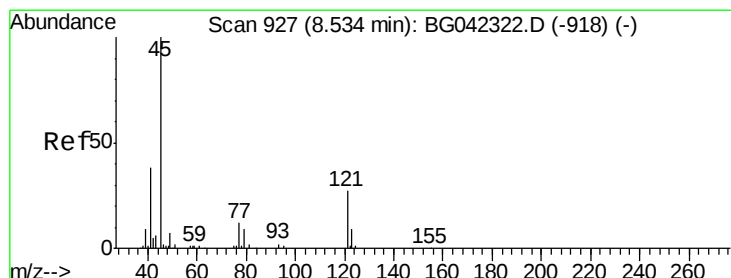
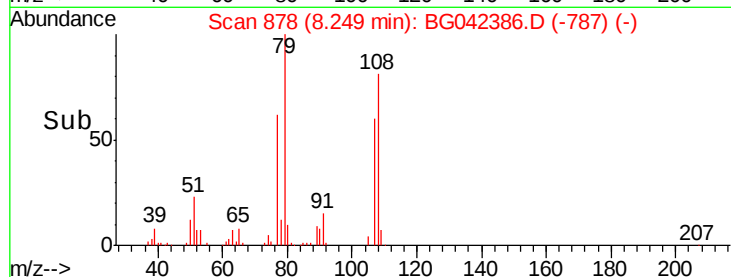
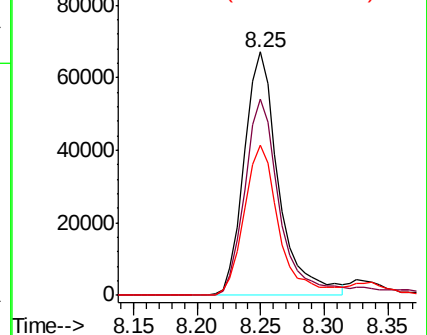
79 100

108 80.6 64.8 97.2

77 61.7 47.6 71.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.622 ng

RT: 8.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

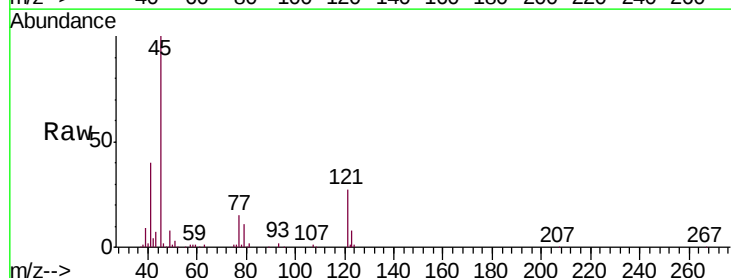
Tgt Ion: 45 Resp: 169390

Ion Ratio Lower Upper

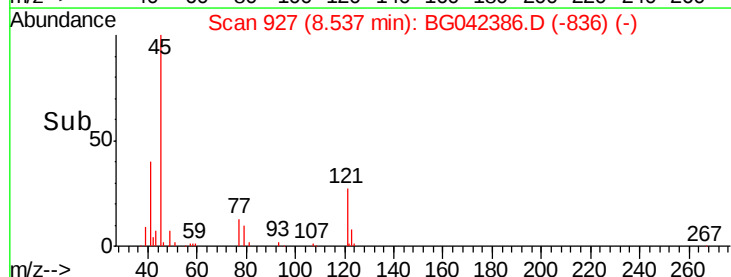
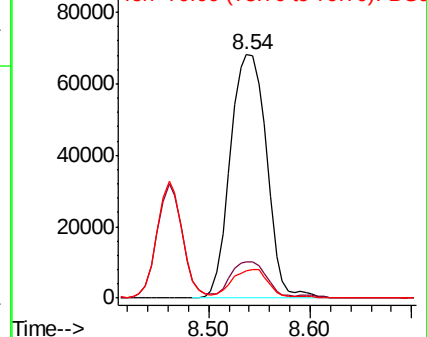
45 100

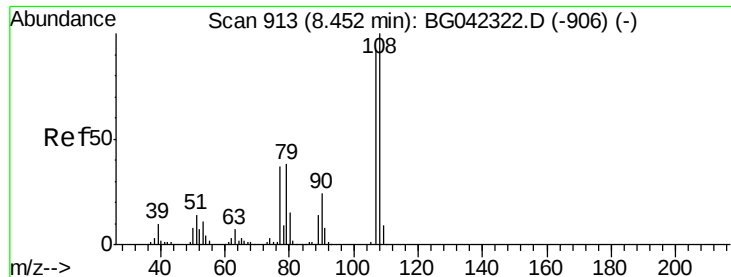
77 14.9 0.0 34.6

79 11.3 0.0 31.4



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





#17

2-Methylphenol

Concen: 35.269 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 132443

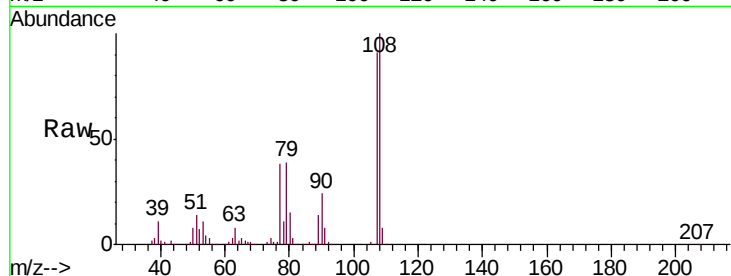
Ion Ratio Lower Upper

107 100

108 110.3 87.0 130.6

77 41.9 32.3 48.5

79 43.3 33.5 50.3

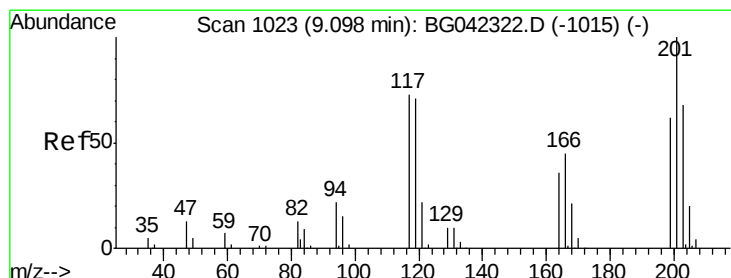
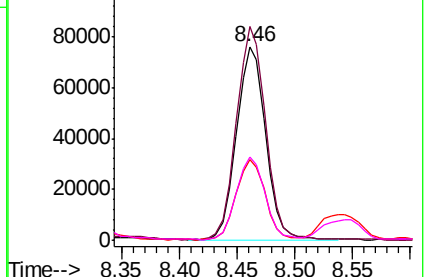
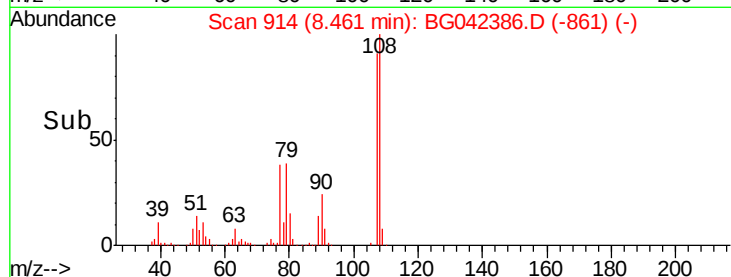


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 28.275 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

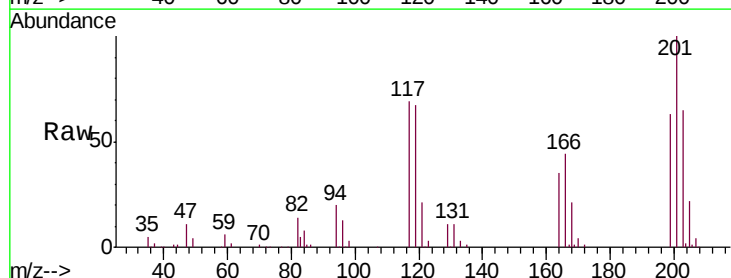
Tgt Ion:117 Resp: 55701

Ion Ratio Lower Upper

117 100

119 97.7 77.6 116.4

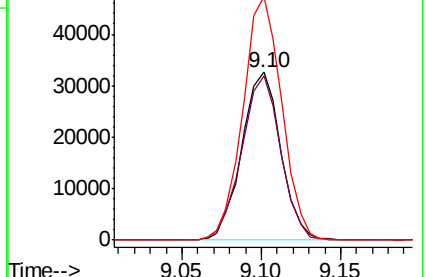
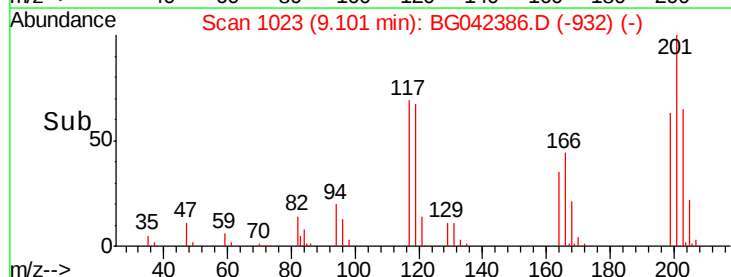
201 145.1 109.4 164.2

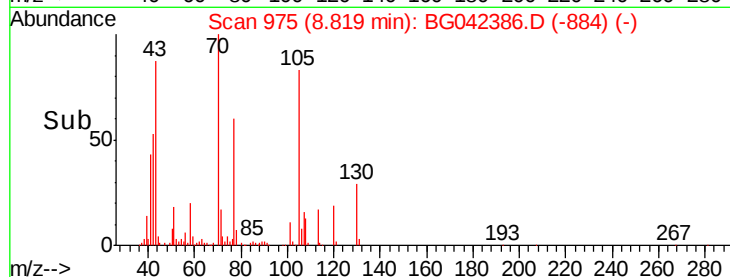
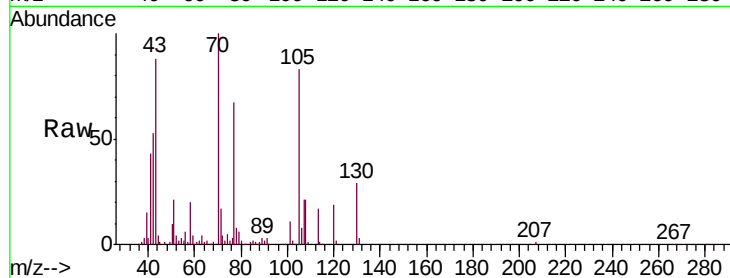
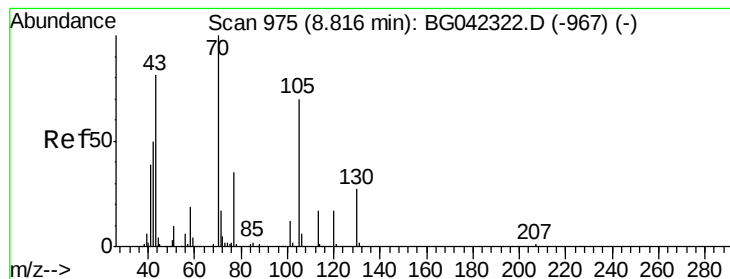


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.208 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 103487

Ion Ratio Lower Upper

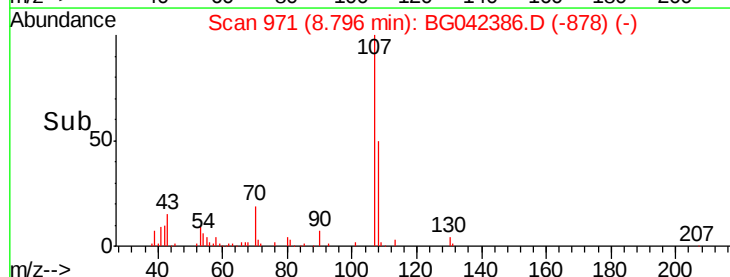
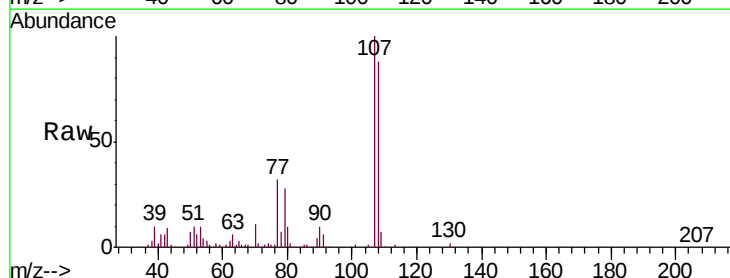
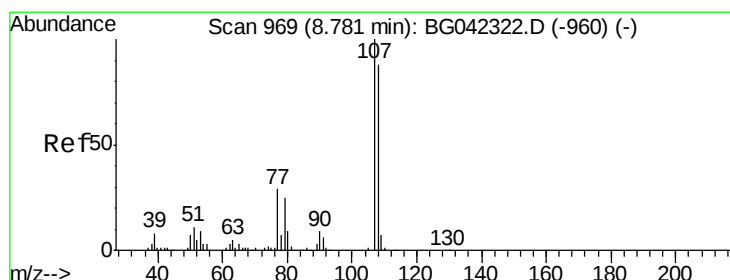
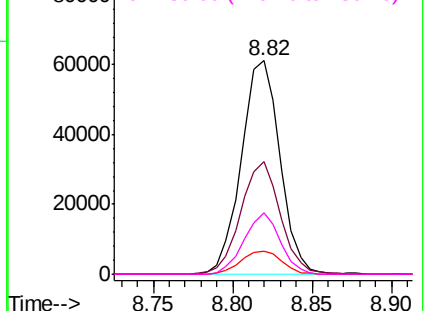
70 100

42 53.0 40.5 60.7

101 10.9 9.3 13.9

130 28.7 22.0 33.0

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



#20

3+4-Methylphenols

Concen: 36.152 ng

RT: 8.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Tgt Ion:107 Resp: 187819

Ion Ratio Lower Upper

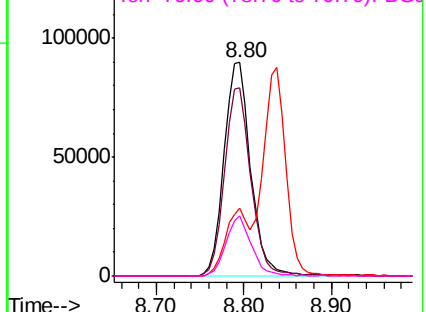
107 100

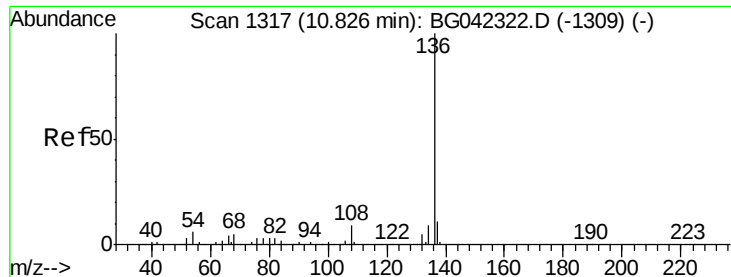
108 87.9 67.8 107.8

77 32.0 9.1 49.1

79 28.0 5.3 45.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 307753

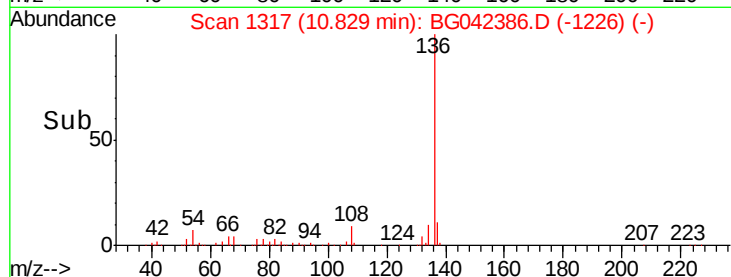
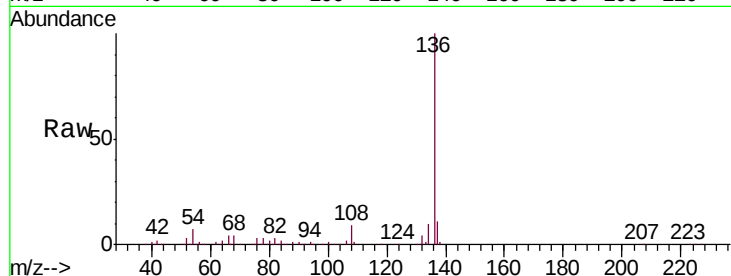
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 6.7 5.0 7.4

68 4.2 3.8 5.8

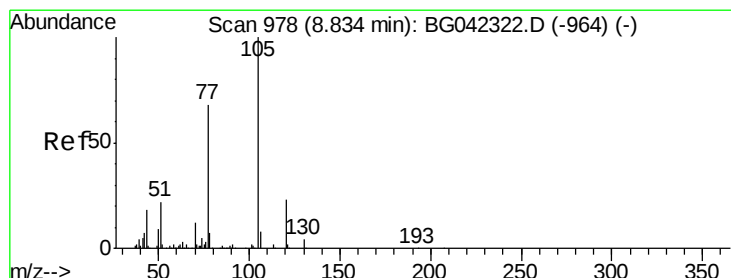
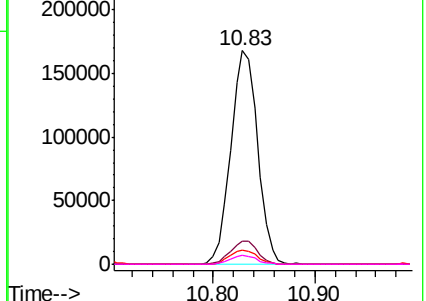


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.133 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Tgt Ion:105 Resp: 223202

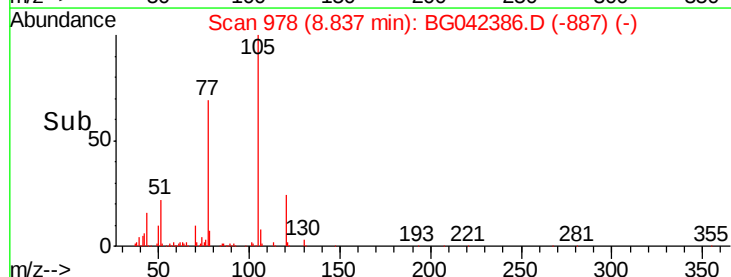
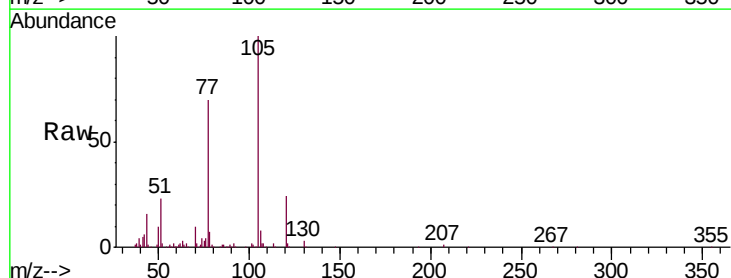
Ion Ratio Lower Upper

105 100

71 1.7 1.8 2.8#

51 22.5 17.5 26.3

120 23.9 18.4 27.6

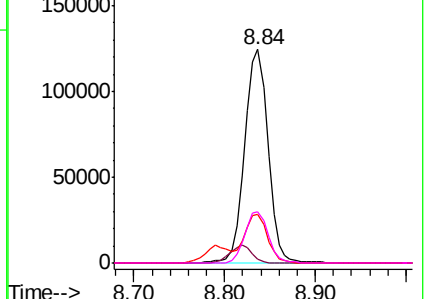


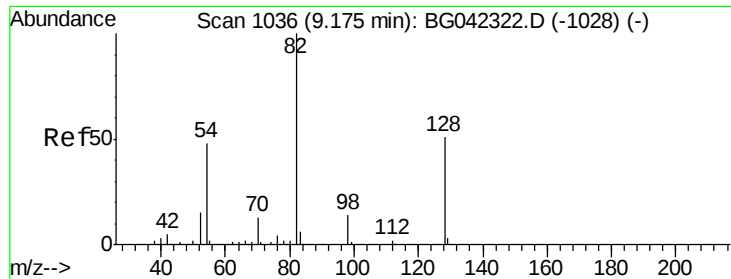
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

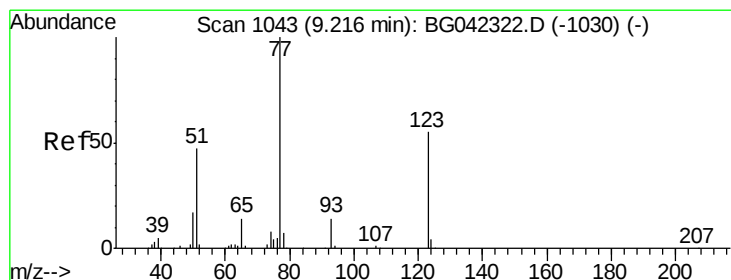
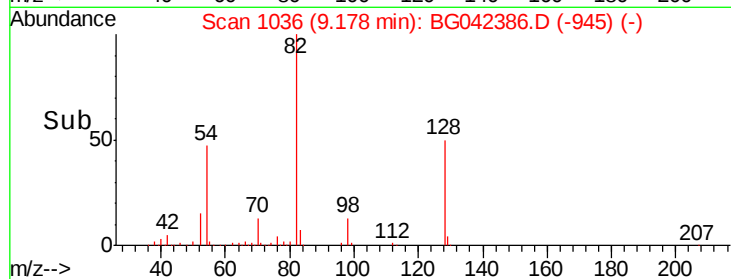
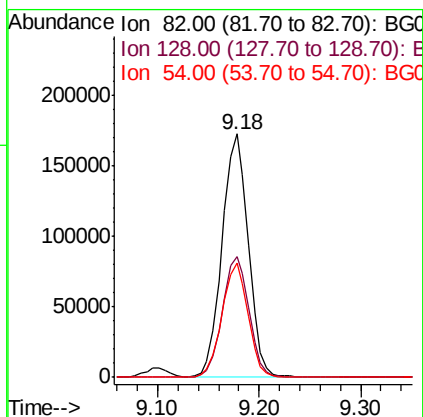
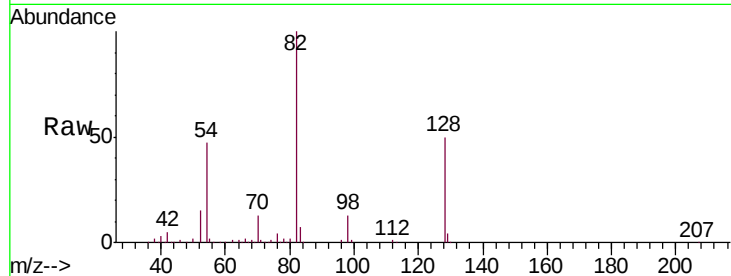




#23
 Nitrobenzene-d5
 Concen: 70.482 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

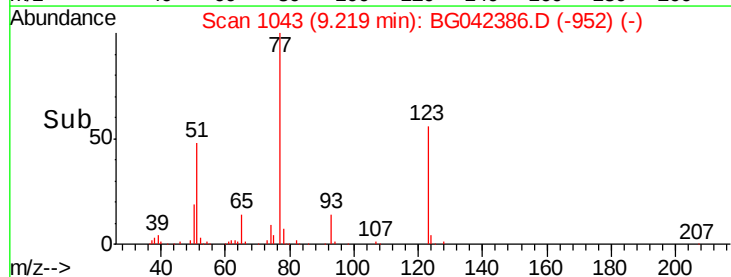
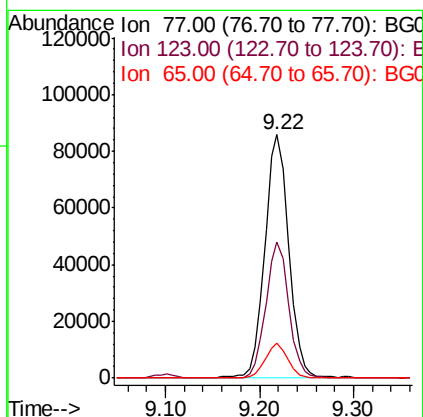
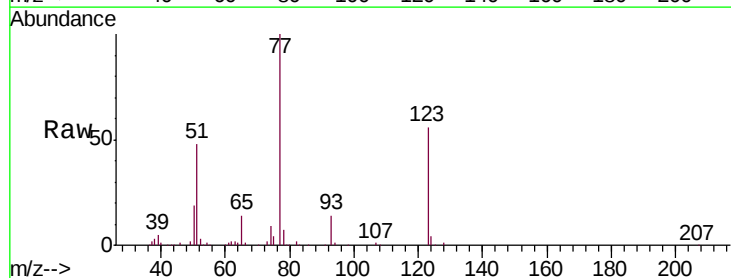
Instrument :
 BNA_G
 ClientSampleId :

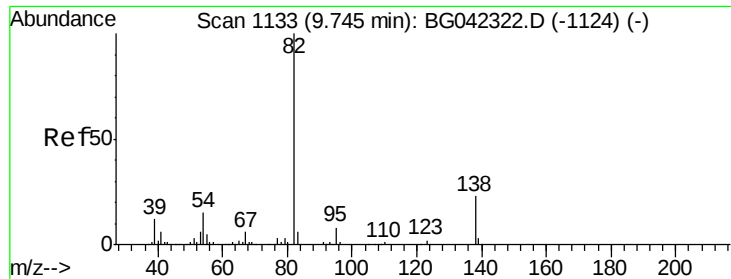
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.6	41.0	61.4
54	47.2	38.0	57.0



#24
 Nitrobenzene
 Concen: 33.855 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.9	43.7	65.5
65	14.4	10.9	16.3





#25

Isophorone

Concen: 33.006 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

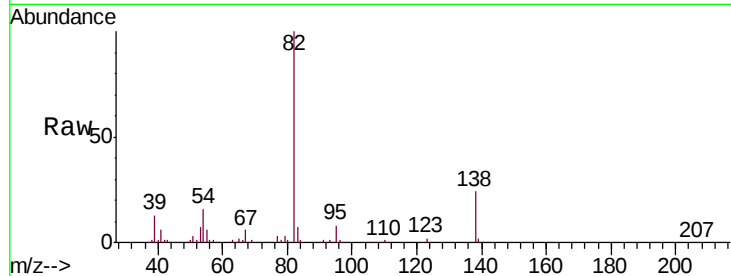
Tot Ion: 82 Resp: 288796

Ion Ratio Lower Upper

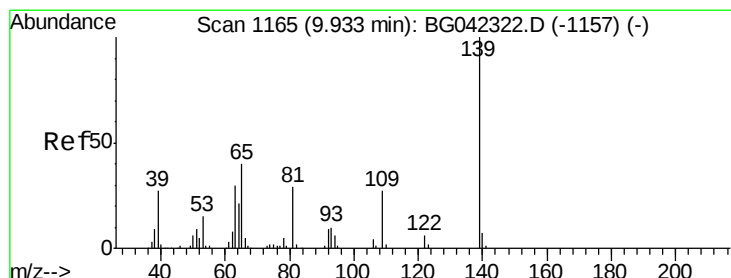
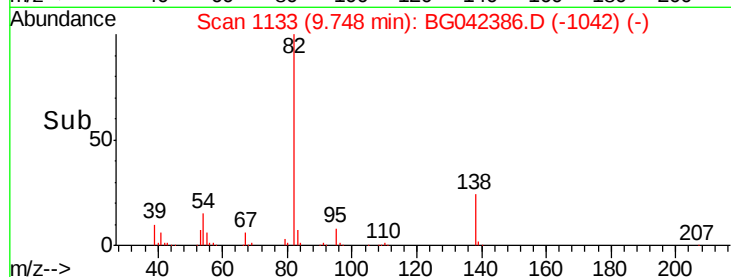
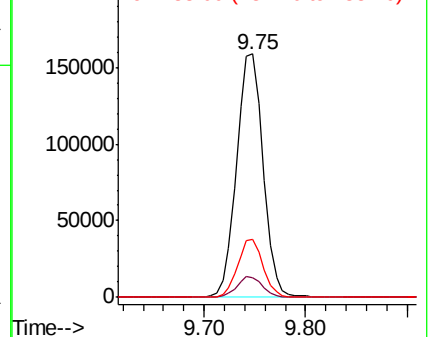
82 100

95 7.9 6.1 9.1

138 24.0 18.2 27.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 27.787 ng

RT: 9.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

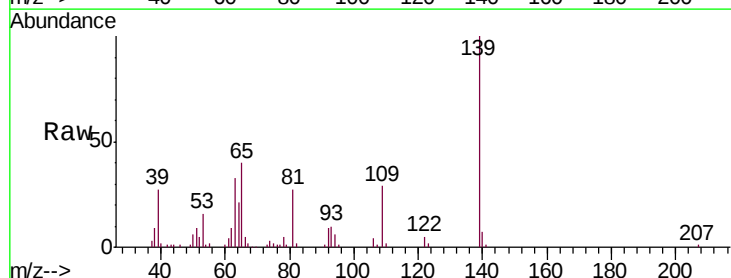
Tgt Ion: 139 Resp: 77017

Ion Ratio Lower Upper

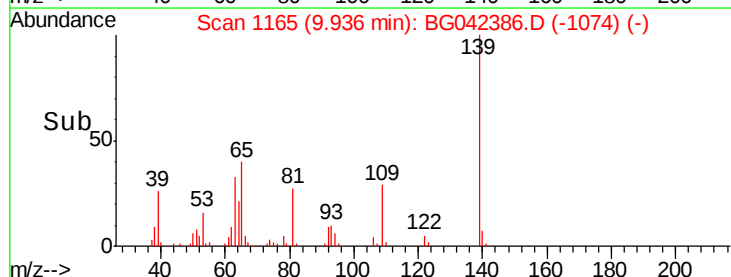
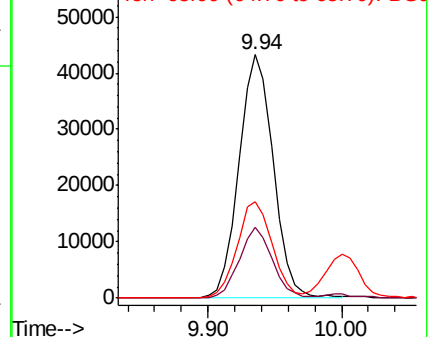
139 100

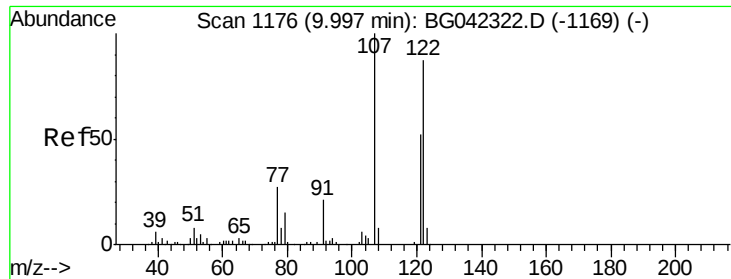
109 29.3 21.4 32.2

65 39.7 31.8 47.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

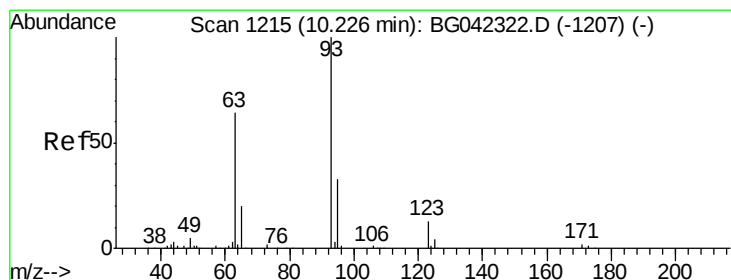
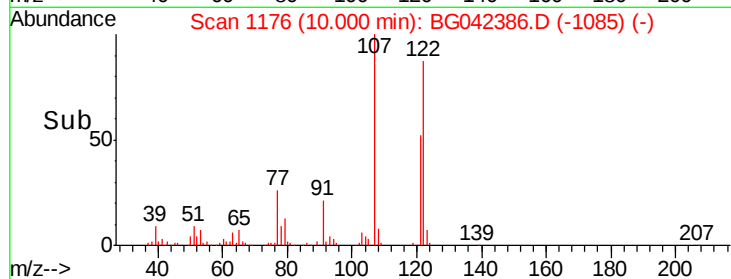
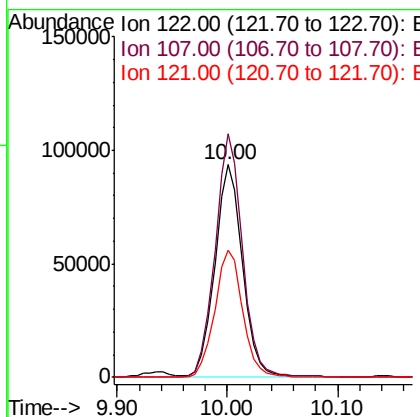
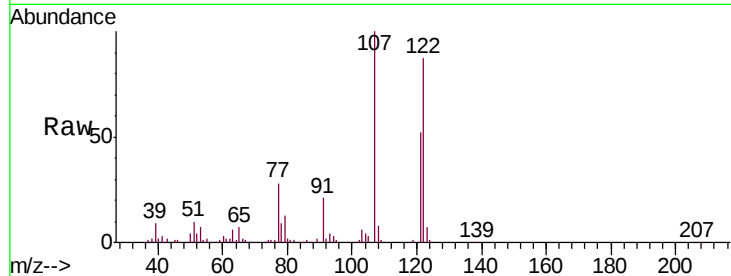




#27
 2,4-Dimethylphenol
 Concen: 42.005 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

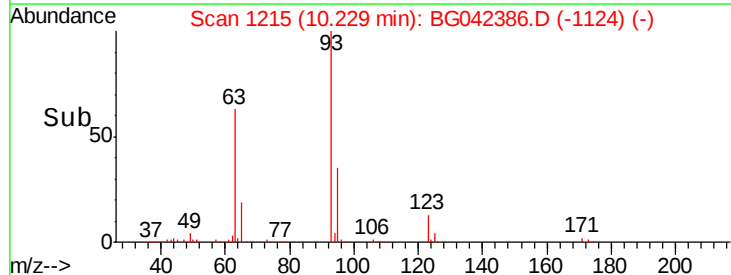
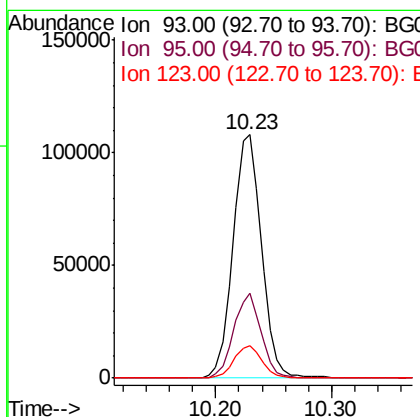
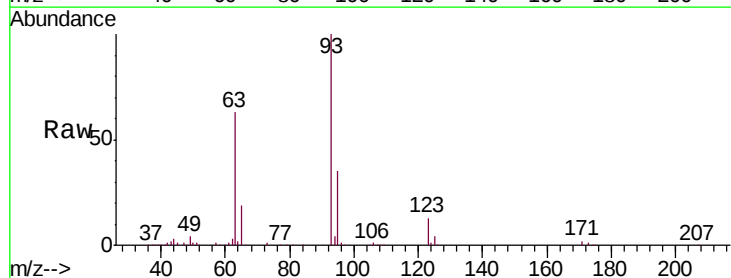
Instrument :
 BNA_G
 ClientSampleId :

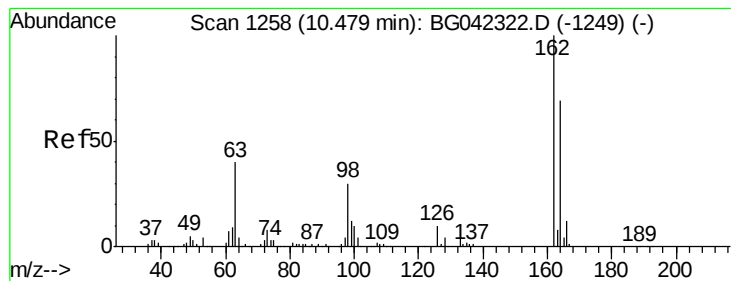
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.0	136.4
121	60.0	47.1	70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.677 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	26.3	39.5
123	13.1	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 38.680 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampled :

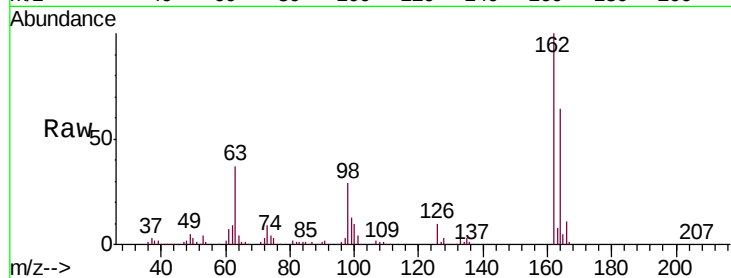
Tot Ion:162 Resp: 197755

Ion Ratio Lower Upper

162 100

164 63.5 48.6 88.6

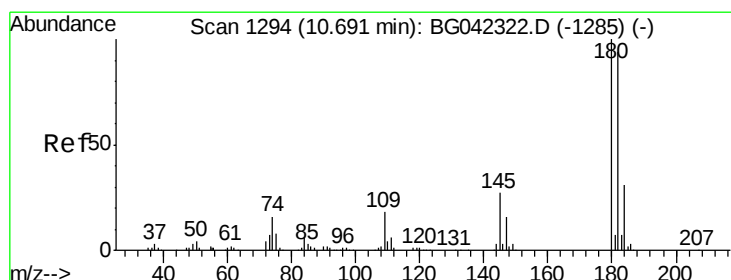
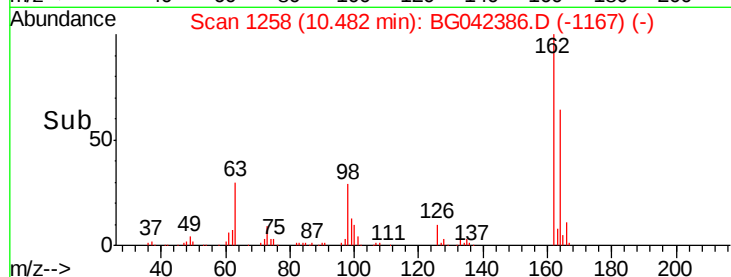
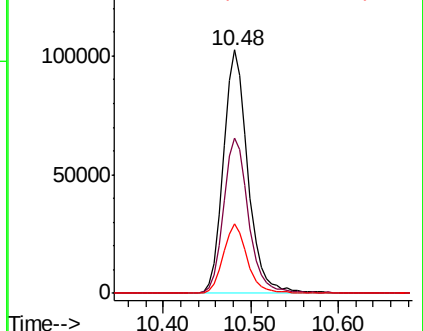
98 28.7 9.6 49.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 32.558 ng

RT: 10.69 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

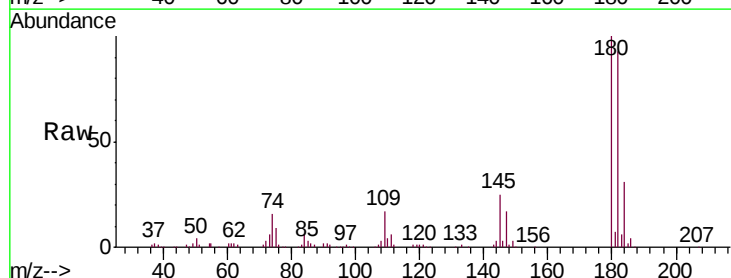
Tgt Ion:180 Resp: 203470

Ion Ratio Lower Upper

180 100

182 92.7 75.1 112.7

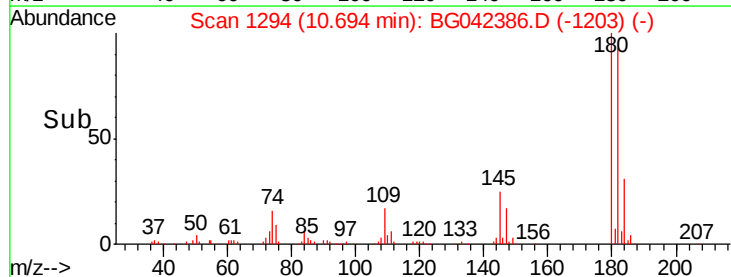
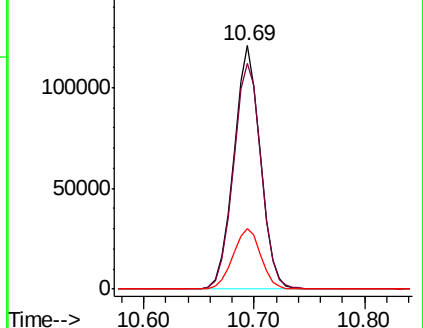
145 24.8 21.2 31.8

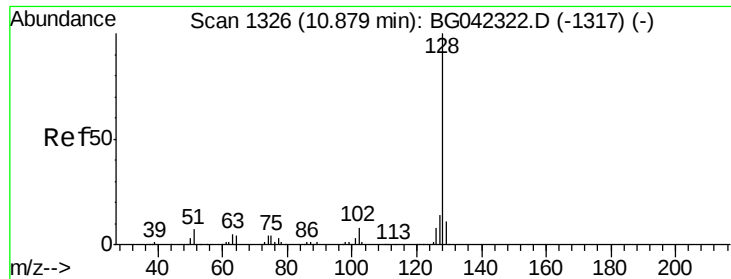


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

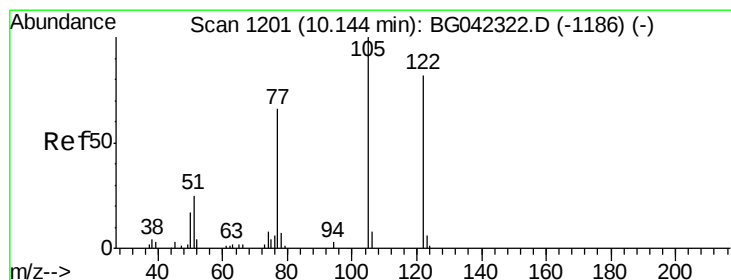
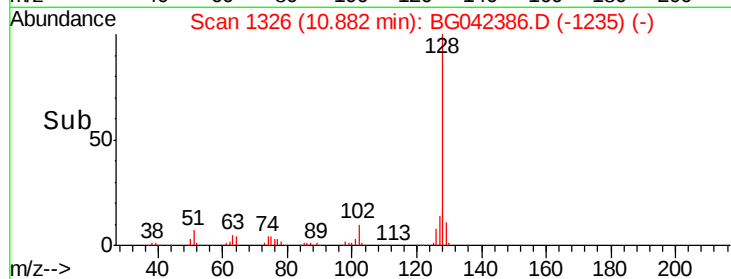
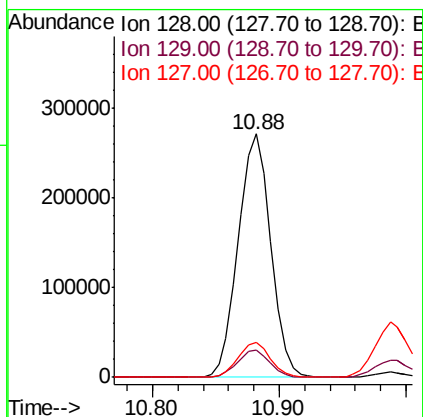
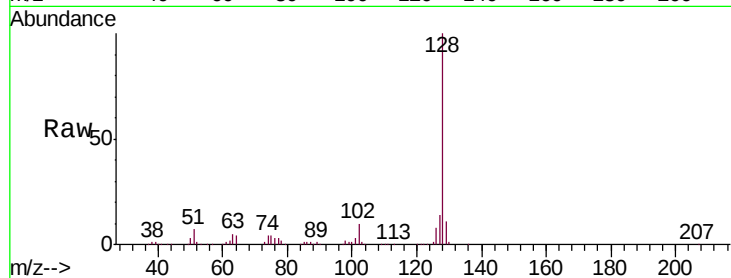




#31
Naphthalene
Concen: 33.822 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

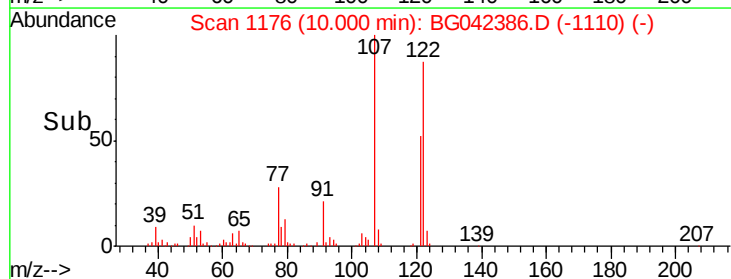
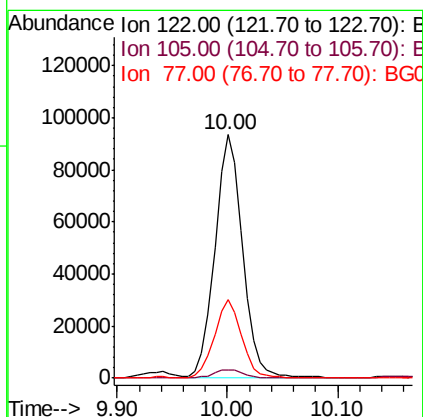
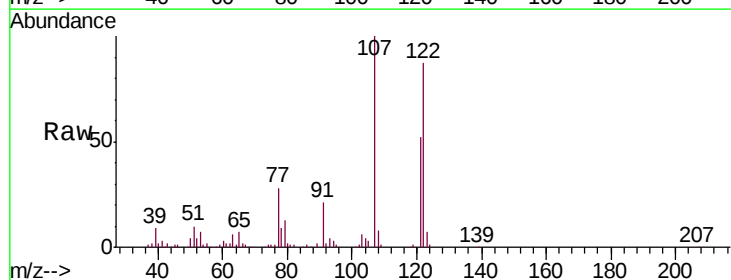
Instrument :
BNA_G
ClientSampleId :

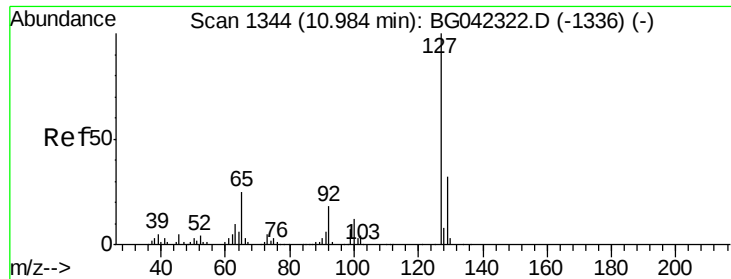
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	14.5	10.8	16.2



#32
Benzoic acid
Concen: 56.201 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.14 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.4	97.7	137.7#
77	32.2	58.4	98.4#

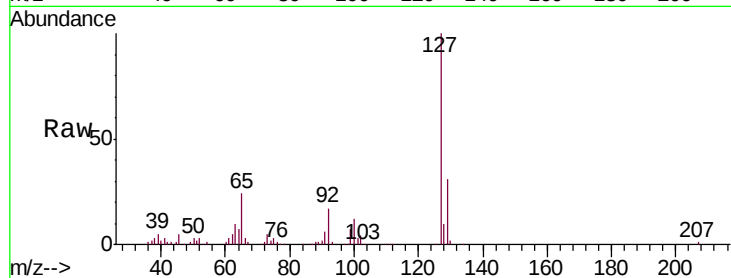




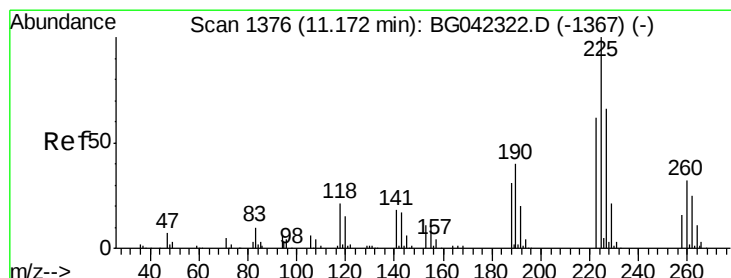
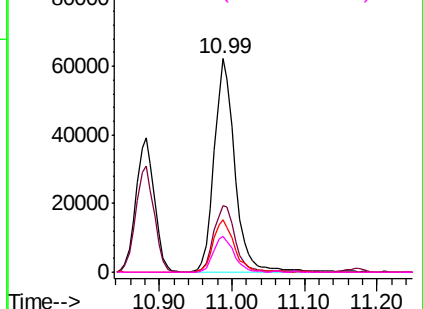
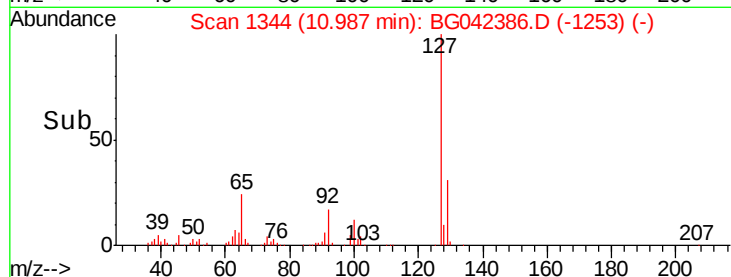
#33
4-Chloroaniline
Concen: 19.057 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	123940
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	24.3	19.8	29.8
92	17.1	14.4	21.6

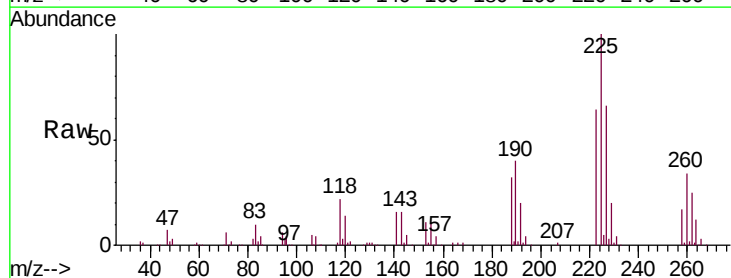


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

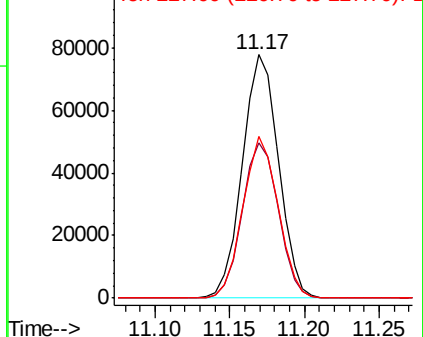
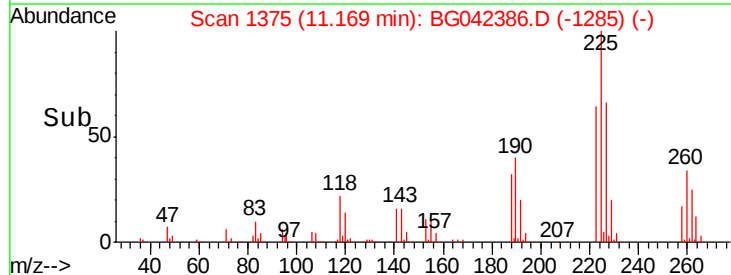


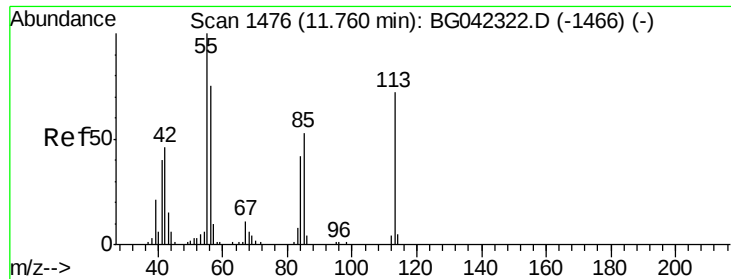
#34
Hexachlorobutadiene
Concen: 31.119 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion:	225	Resp:	130327
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.8
227	66.3	52.9	79.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.111 ng

RT: 11.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

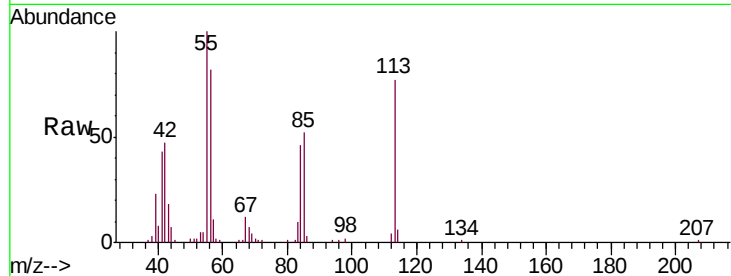
Tot Ion:113 Resp: 62102

Ion Ratio Lower Upper

113 100

55 129.3 119.4 159.4

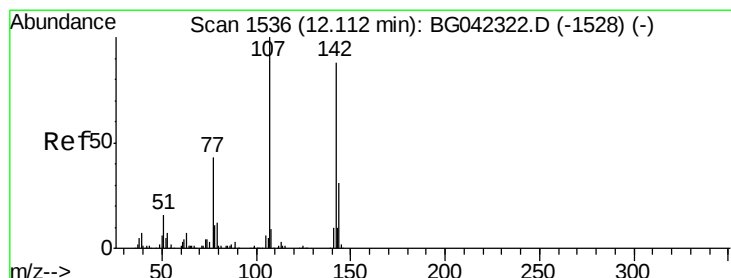
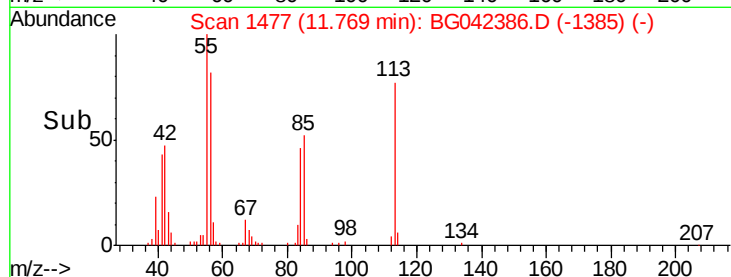
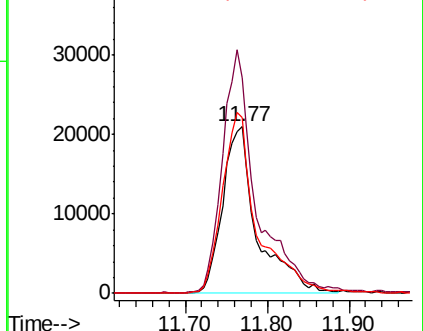
56 106.0 83.9 123.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.226 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

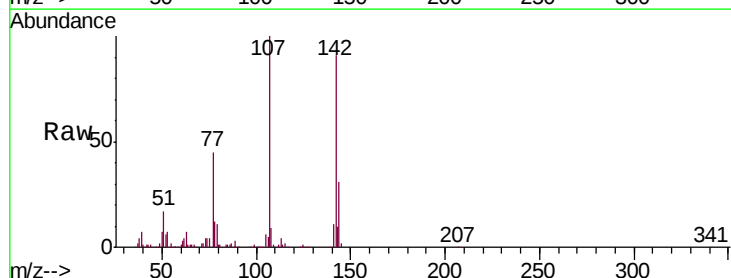
Tgt Ion:107 Resp: 182672

Ion Ratio Lower Upper

107 100

144 30.7 24.9 37.3

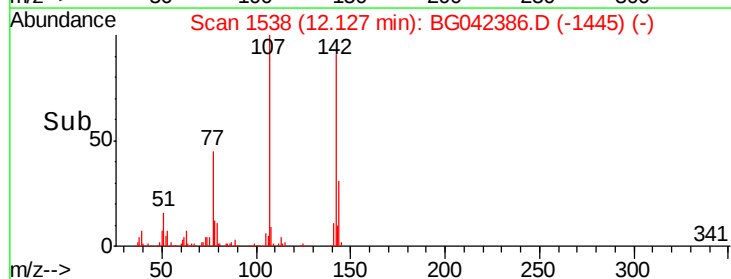
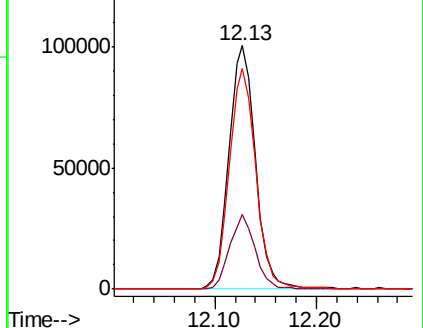
142 90.7 70.3 105.5

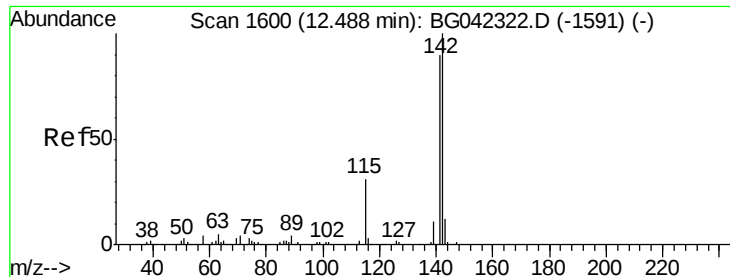


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

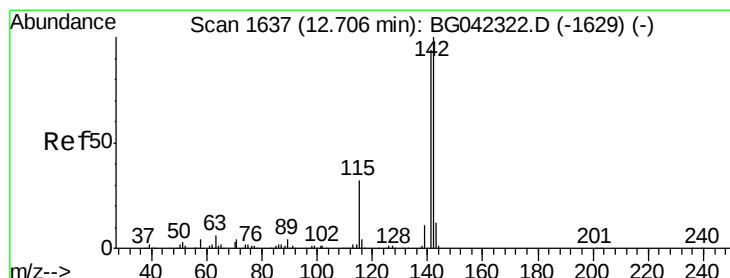
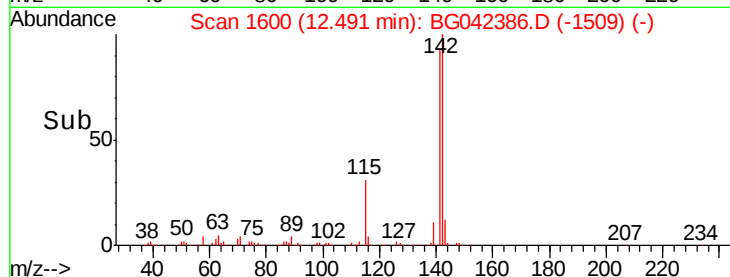
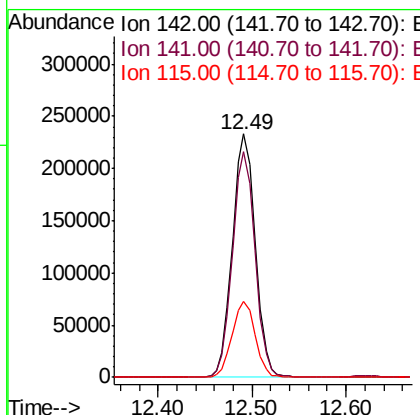
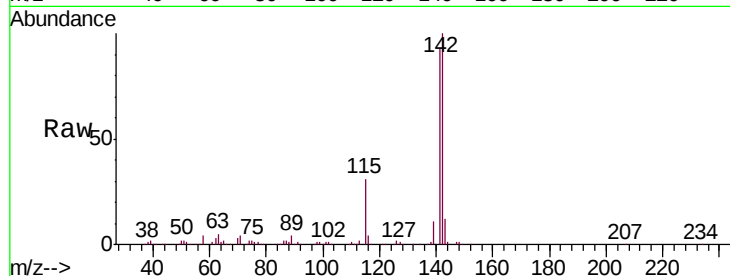




#37
 2-Methylnaphthalene
 Concen: 34.502 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

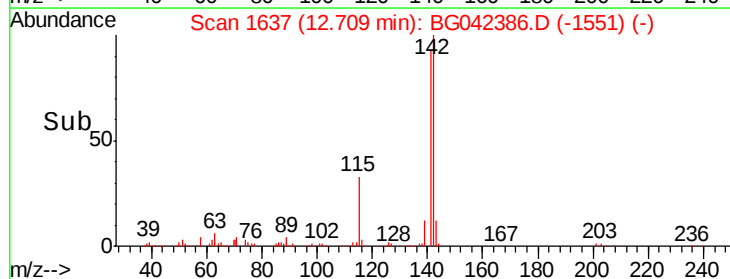
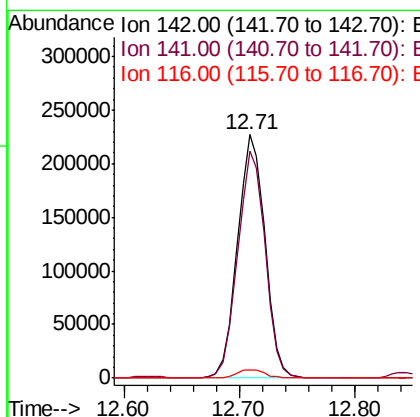
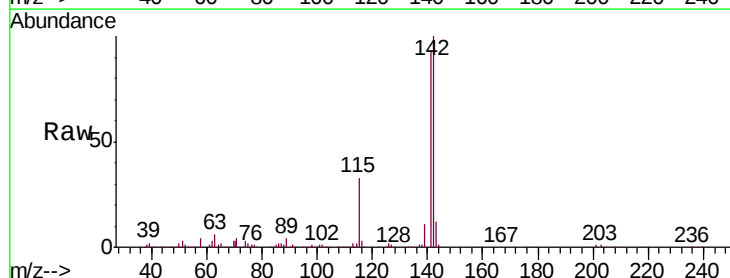
Instrument :
 BNA_G
 ClientSampleId :

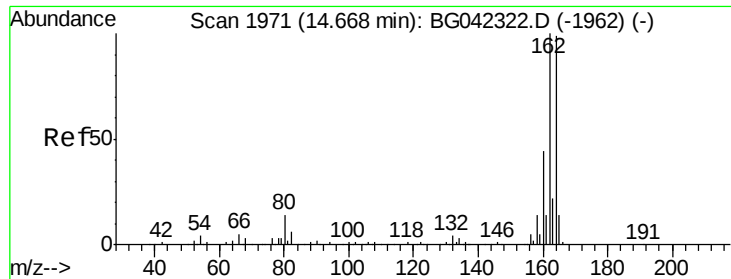
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.1	108.1
115	31.4	24.4	36.6



#38
 1-Methylnaphthalene
 Concen: 34.200 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.1	112.7
116	3.5	3.0	4.6

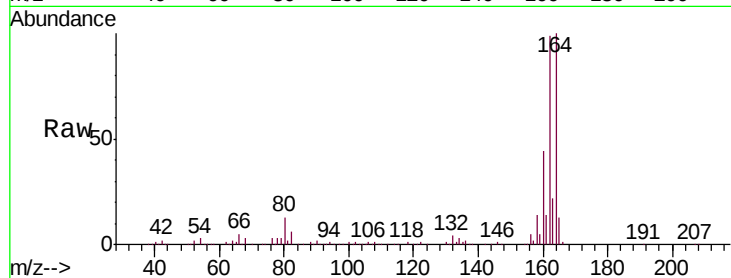




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.6	120.8
160	44.1	35.7	53.5

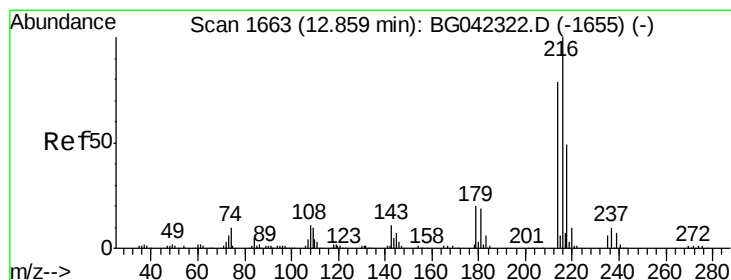
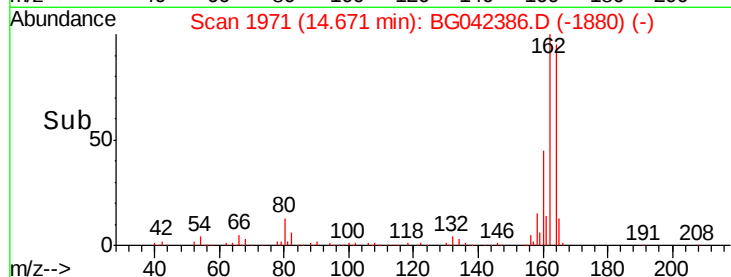
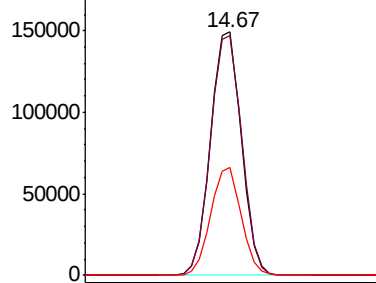


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.107 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.3	62.2	93.4
179	18.6	15.3	22.9
108	11.3	9.6	14.4

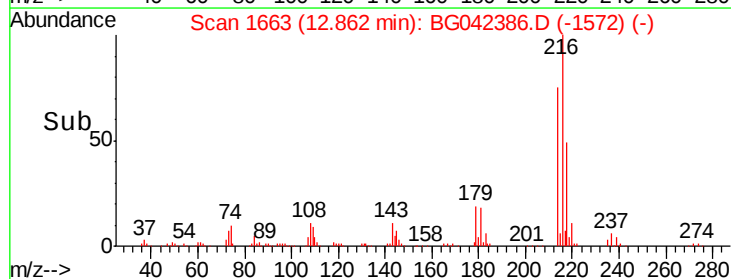
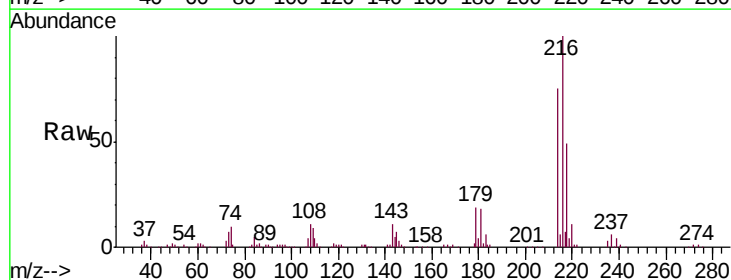
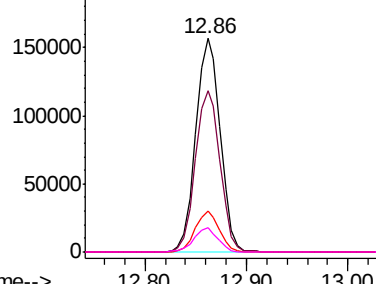
Abundance

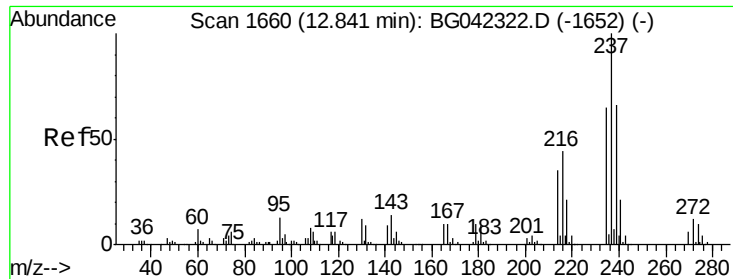
Ion 216.00 (215.70 to 216.70): E

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: 27.041 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

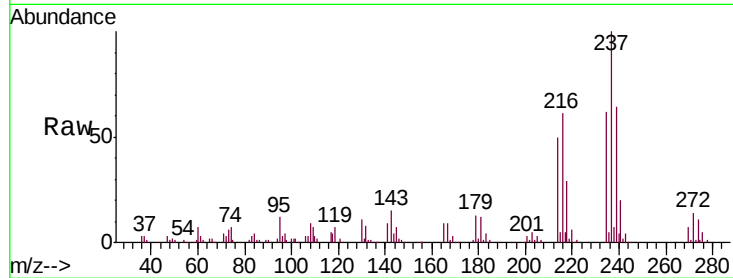
Tot Ion:237 Resp: 99102

Ion Ratio Lower Upper

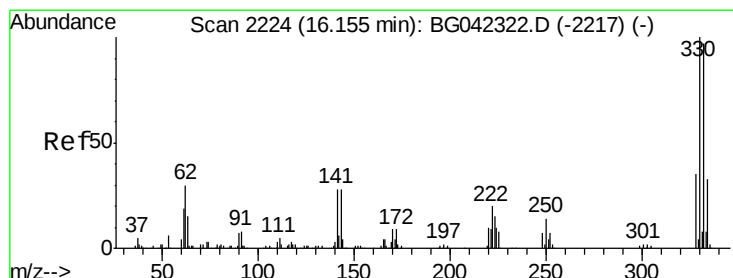
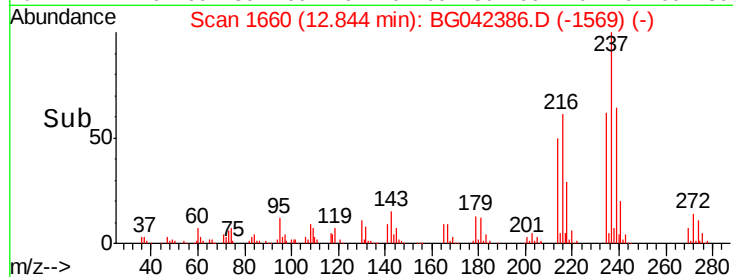
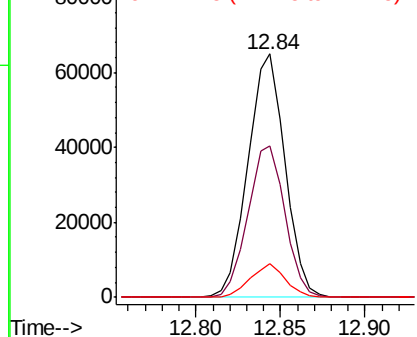
237 100

235 62.4 45.1 85.1

272 13.7 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 98.827 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

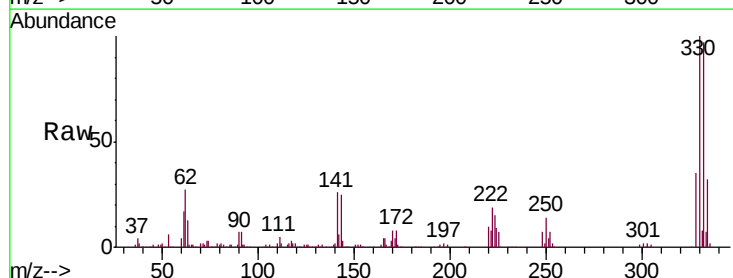
Tgt Ion:330 Resp: 319355

Ion Ratio Lower Upper

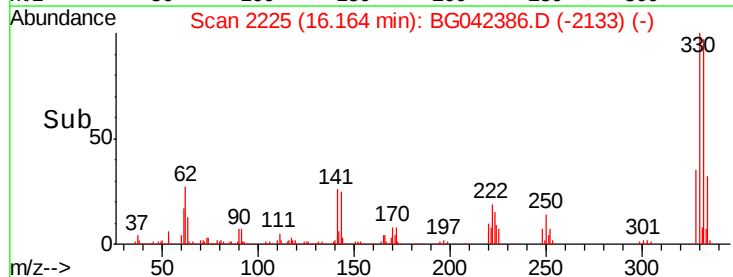
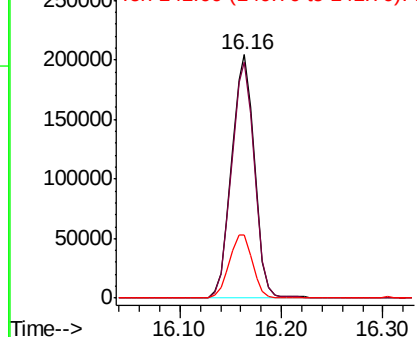
330 100

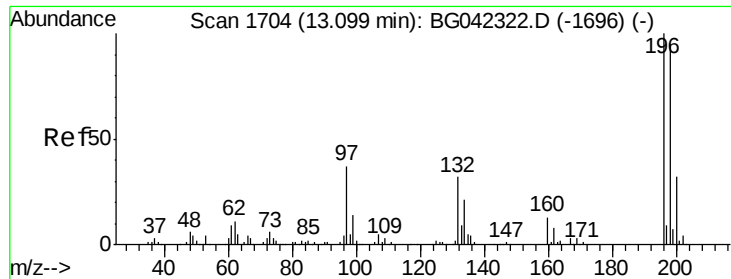
332 97.1 76.9 115.3

141 26.8 21.8 32.6



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

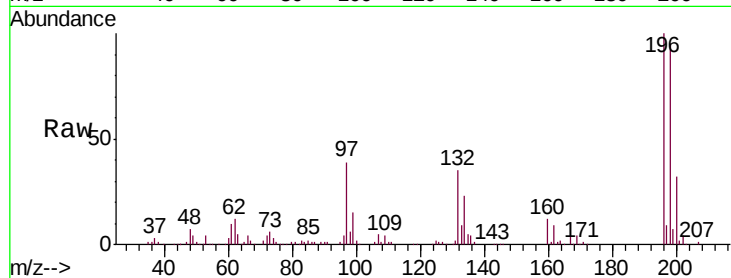




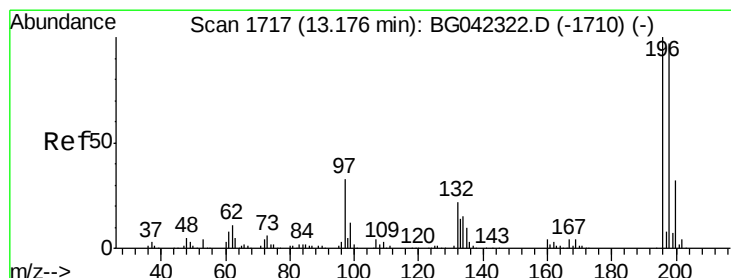
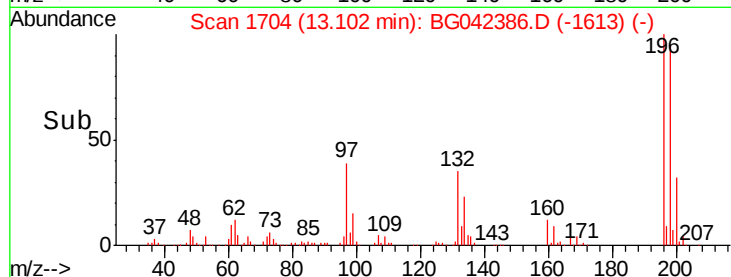
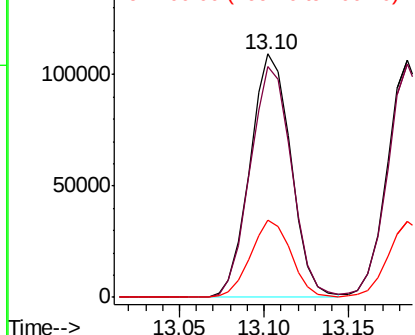
#43
 2,4,6-Trichlorophenol
 Concen: 35.969 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 184114
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.9 113.9
 200 31.6 25.5 38.3

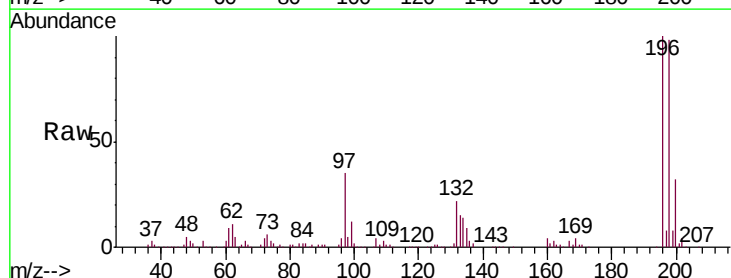


Abundance Ion 196.00 (195.70 to 196.70): E
 150000 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

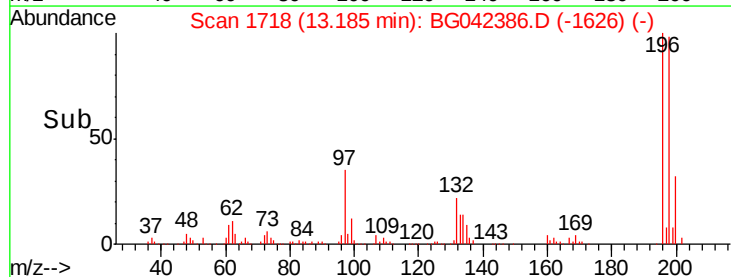
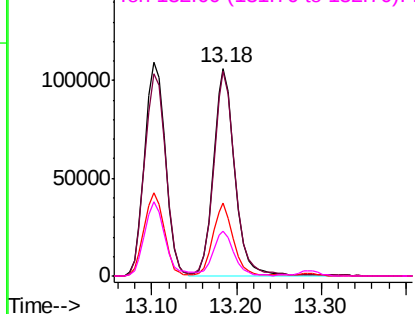


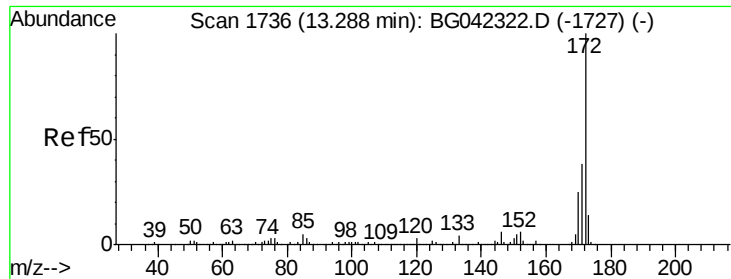
#44
 2,4,5-Trichlorophenol
 Concen: 35.771 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion:196 Resp: 188584
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.4 116.2
 97 35.1 26.5 39.7
 132 21.7 17.5 26.3



Abundance Ion 196.00 (195.70 to 196.70): E
 150000 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

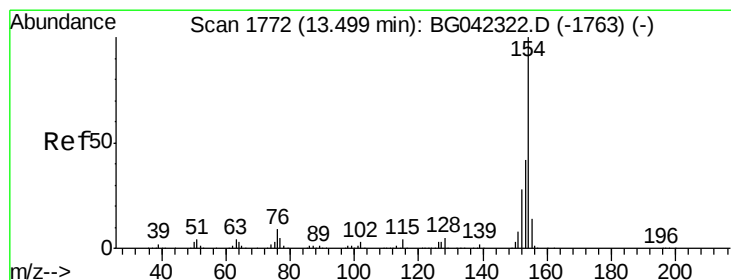
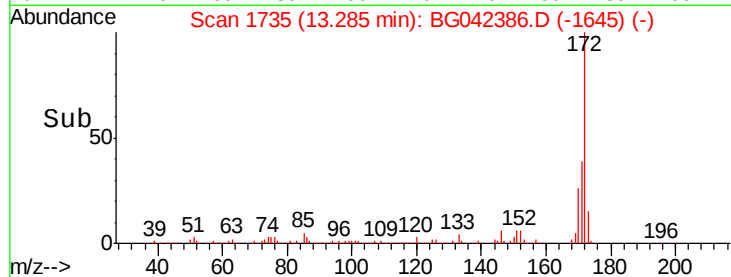
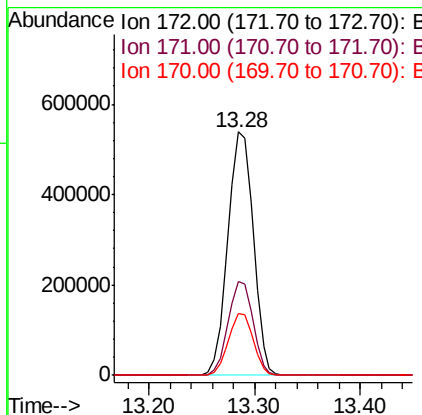
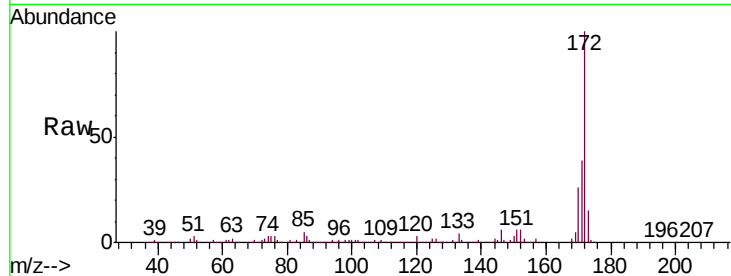




#45
2-Fluorobiphenyl
Concen: 63.875 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

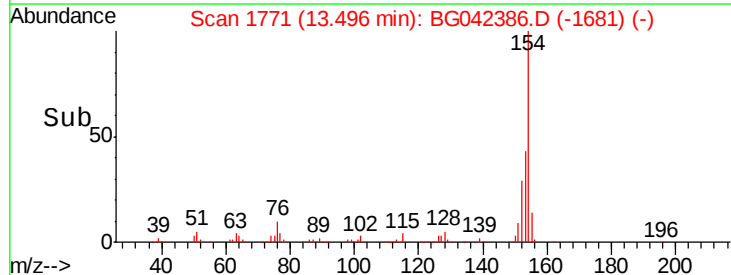
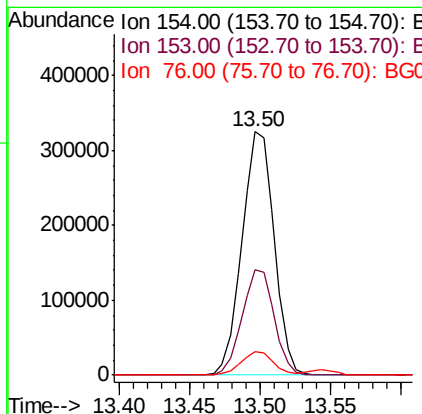
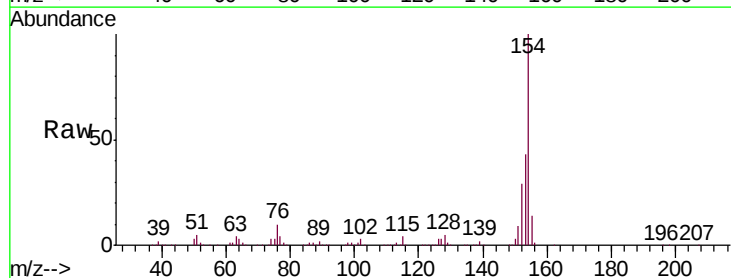
Instrument :
BNA_G
ClientSampleId :

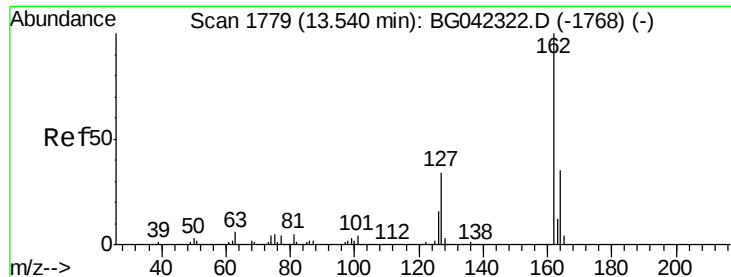
Tot Ion:172 Resp: 895610
Ion Ratio Lower Upper
172 100
171 38.6 30.3 45.5
170 25.6 20.0 30.0



#46
1,1'-Biphenyl
Concen: 33.556 ng
RT: 13.50 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion:154 Resp: 519428
Ion Ratio Lower Upper
154 100
153 43.3 21.9 61.9
76 9.6 0.0 29.3

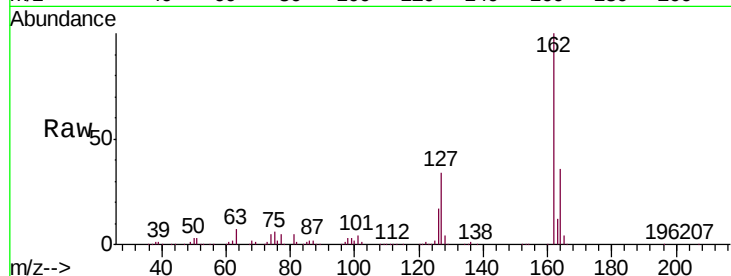




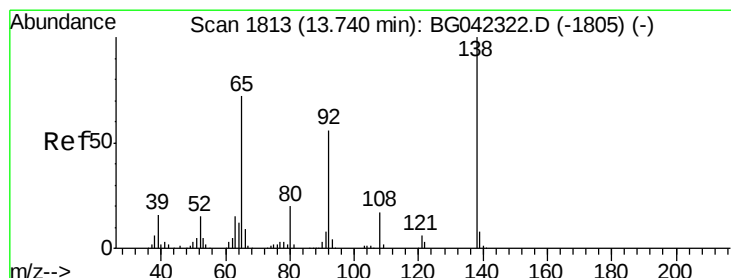
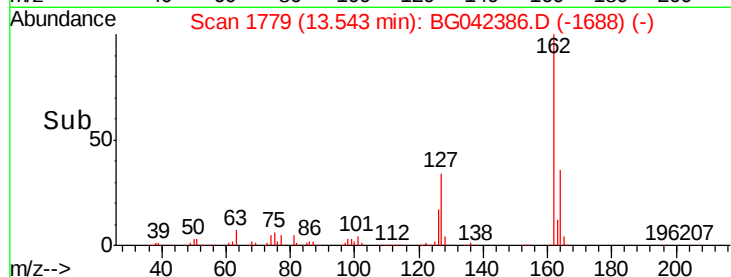
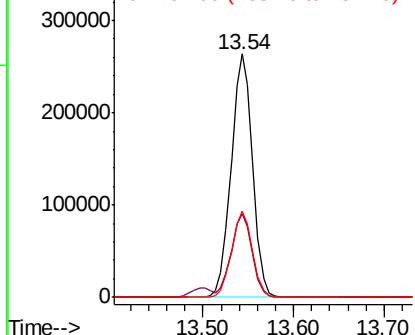
#47
 2-Chloronaphthalene
 Concen: 32.715 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.3	27.2	40.8
164	35.6	27.8	41.8

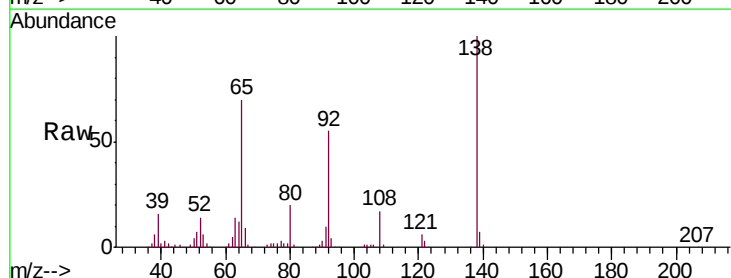


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

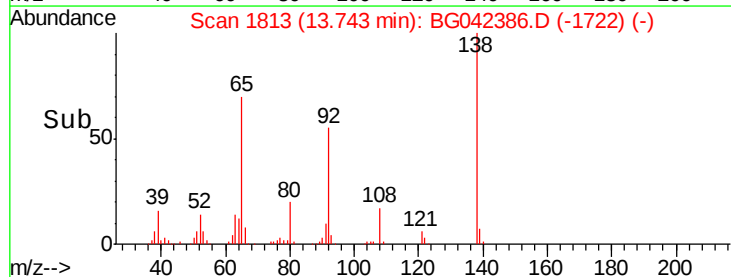
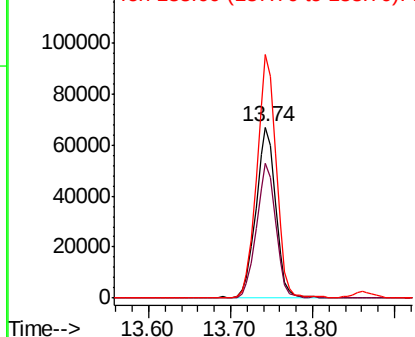


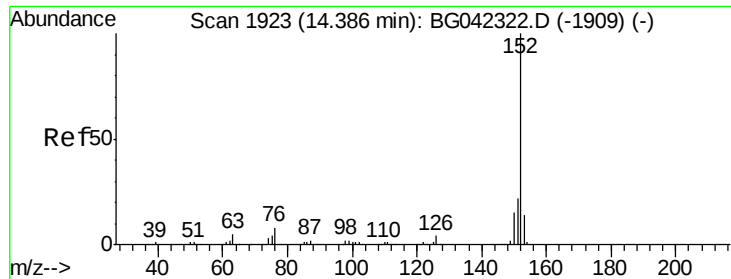
#48
 2-Nitroaniline
 Concen: 36.159 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.6	62.6	94.0
138	142.5	111.5	167.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.591 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

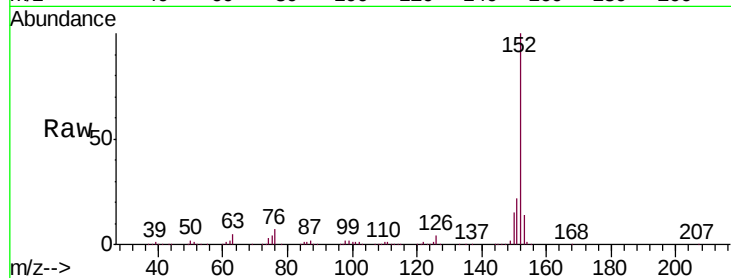
Tot Ion:152 Resp: 686234

Ion Ratio Lower Upper

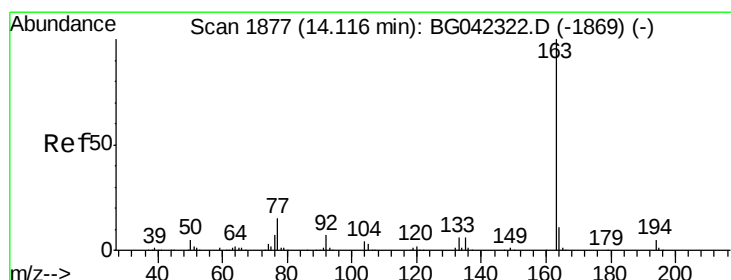
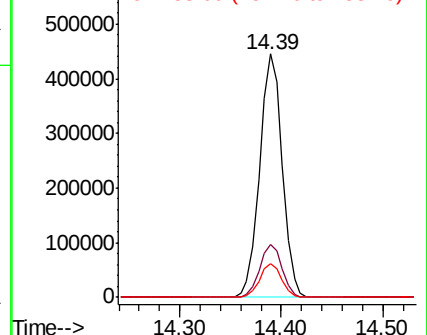
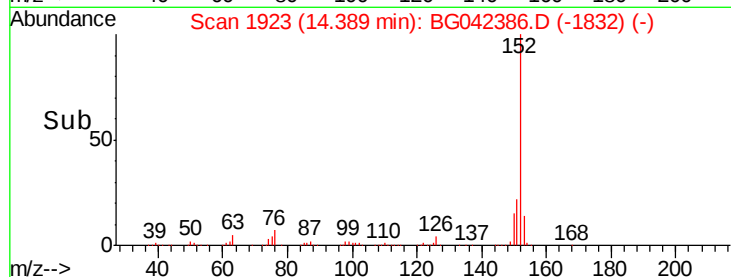
152 100

151 22.0 17.3 25.9

153 13.8 11.5 17.3



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: 44.032 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

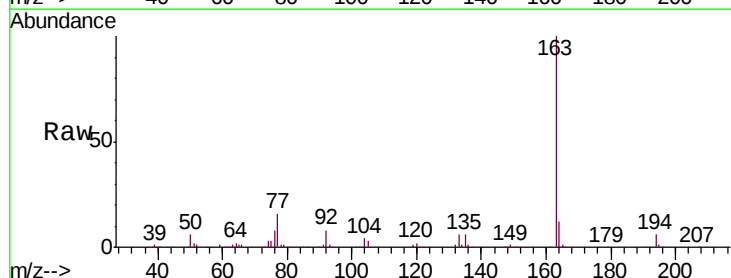
Tgt Ion:163 Resp: 742343

Ion Ratio Lower Upper

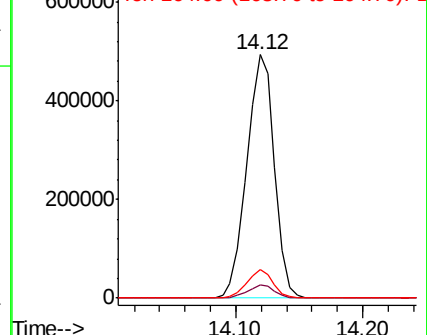
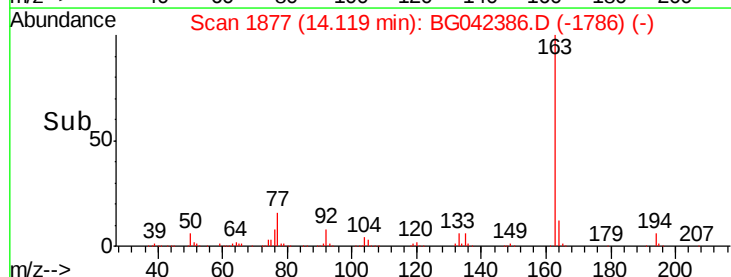
163 100

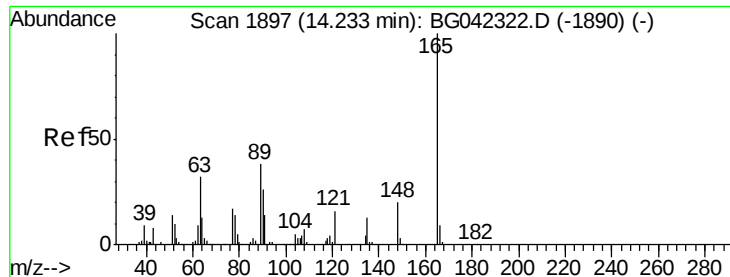
194 5.5 4.2 6.2

164 11.8 8.8 13.2



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

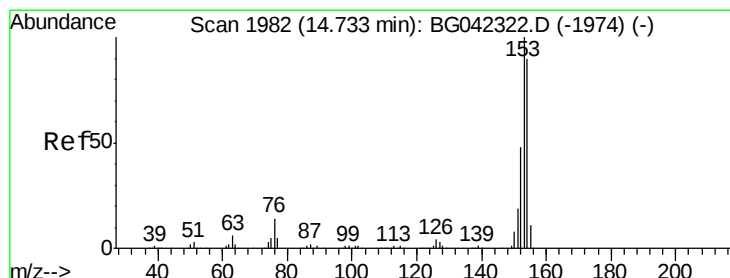
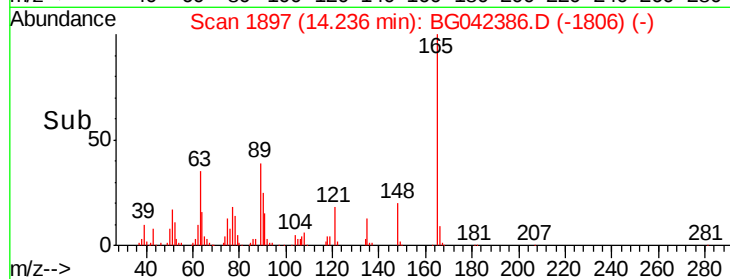
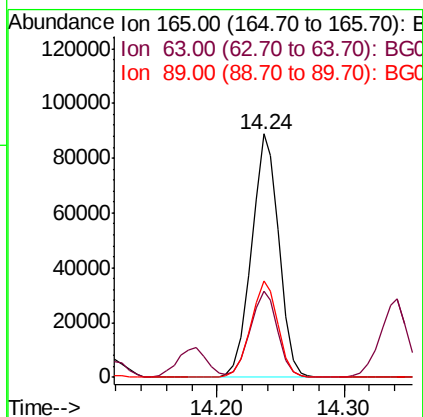
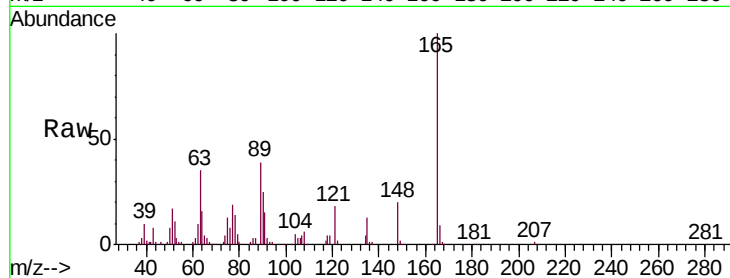




#51
 2,6-Dinitrotoluene
 Concen: 33.674 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

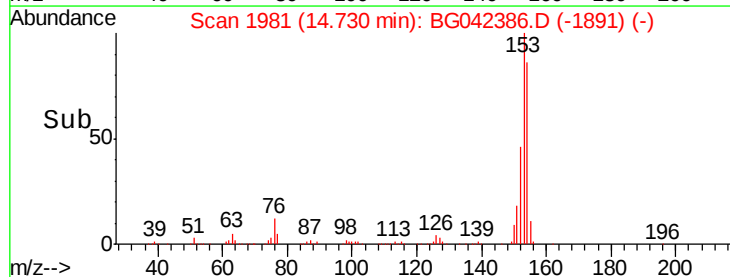
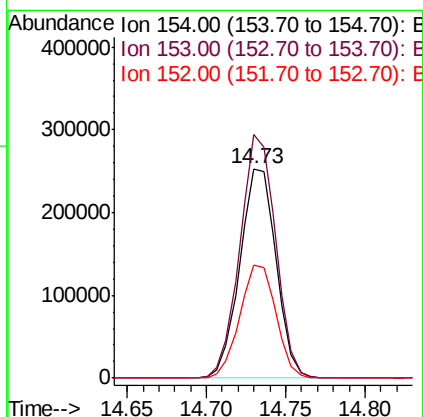
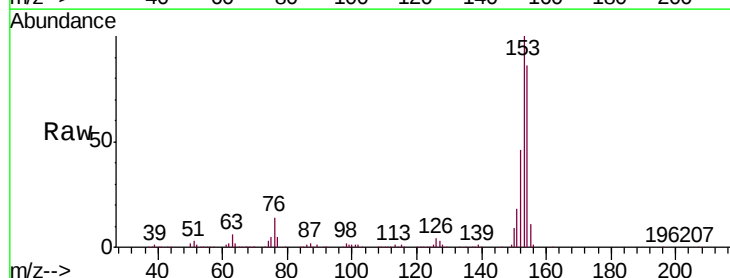
Instrument :
 BNA_G
 ClientSampled :

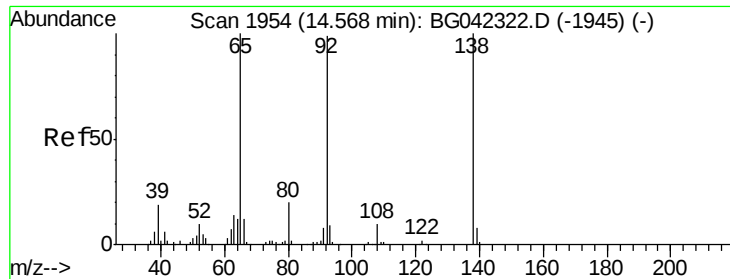
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.3	28.2	42.2
89	39.4	30.0	45.0



#52
 Acenaphthene
 Concen: 33.170 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.1	89.4	134.0
152	54.0	43.1	64.7

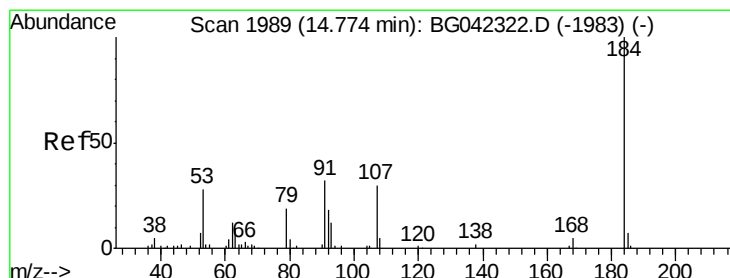
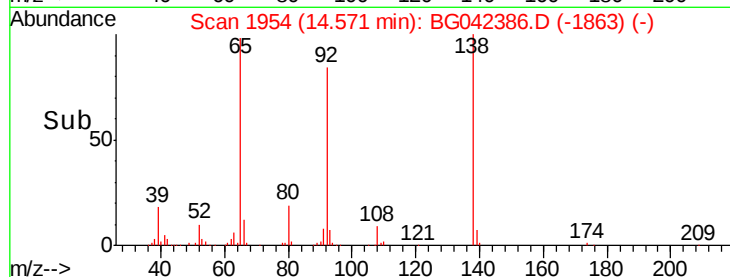
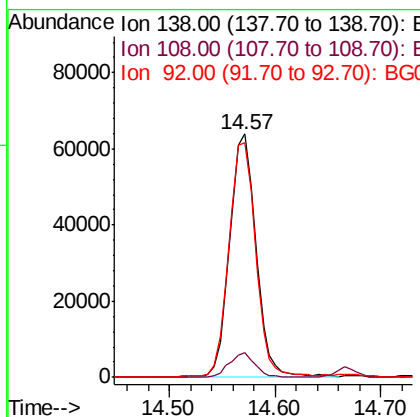
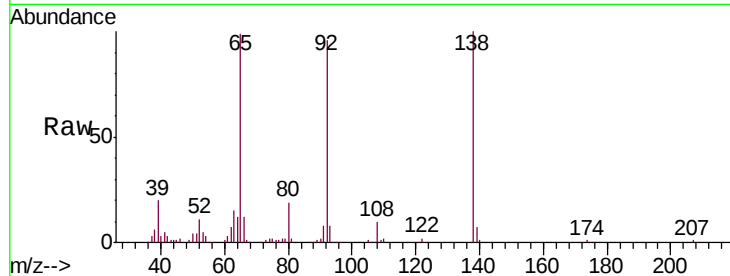




#53
3-Nitroaniline
Concen: 28.427 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

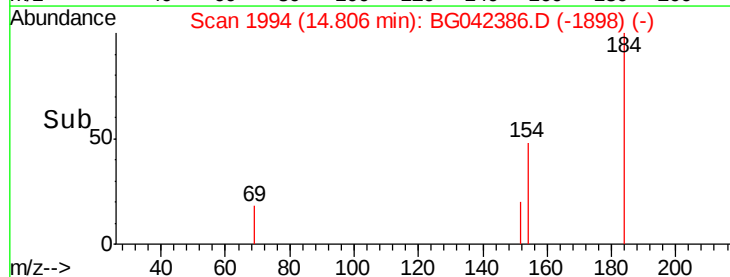
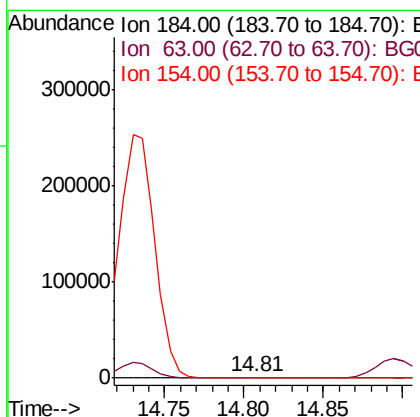
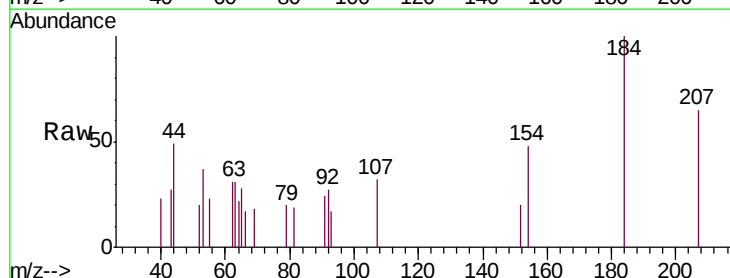
Instrument :
BNA_G
ClientSampleId :

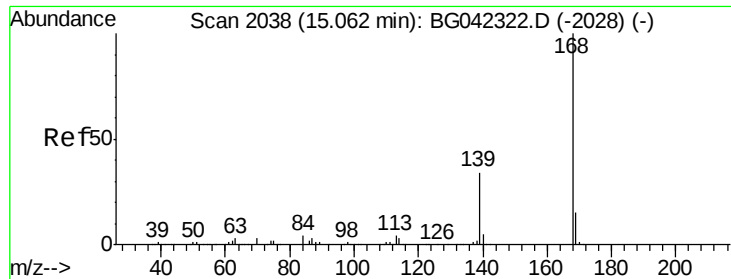
Tot Ion:138 Resp: 110291
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 96.4 79.8 119.8



#54
2,4-Dinitrophenol
Concen: 7.350 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.03 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion:184 Resp: 2327
Ion Ratio Lower Upper
184 100
63 31.3 30.2 45.4
154 47.7 39.7 59.5





#55

Dibenzofuran

Concen: 35.133 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

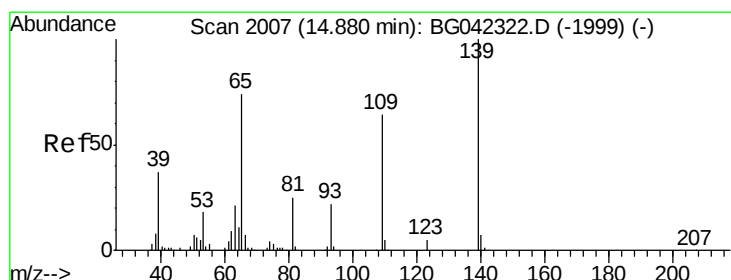
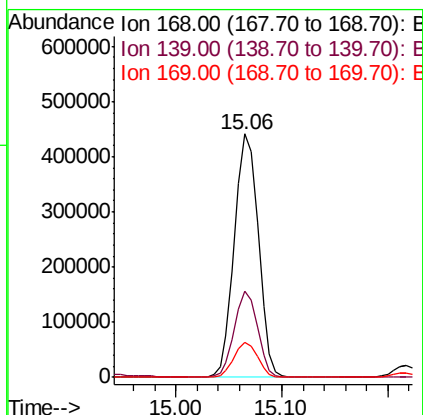
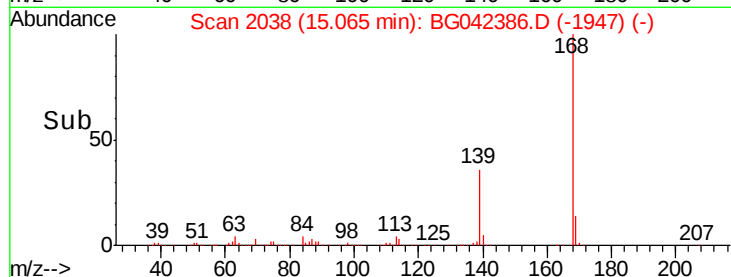
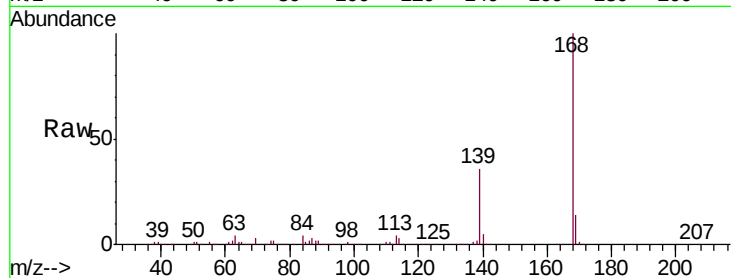
Tot Ion:168 Resp: 692555

Ion Ratio Lower Upper

168 100

139 35.6 27.6 41.4

169 14.4 11.7 17.5



#56

4-Nitrophenol

Concen: 65.395 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

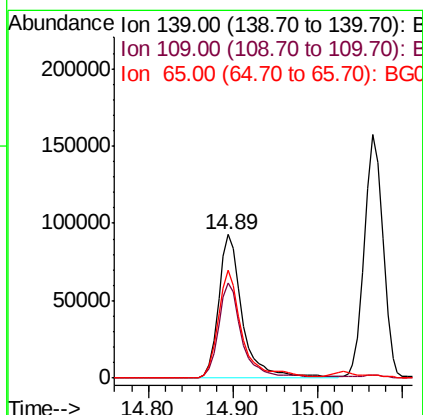
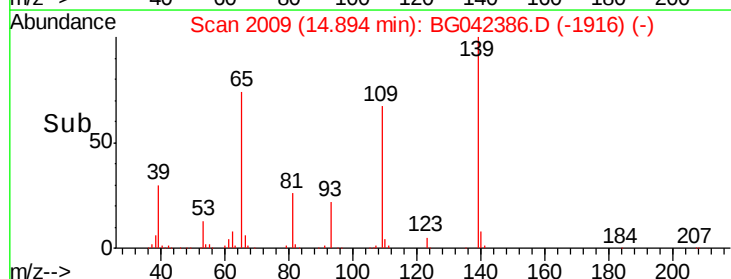
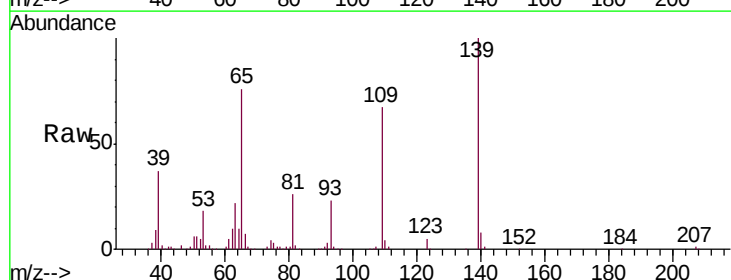
Tgt Ion:139 Resp: 183041

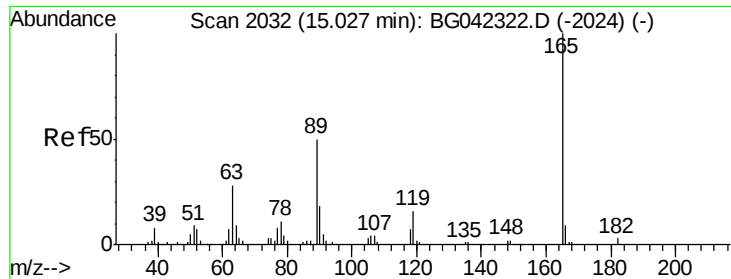
Ion Ratio Lower Upper

139 100

109 66.6 44.0 84.0

65 75.6 54.5 94.5

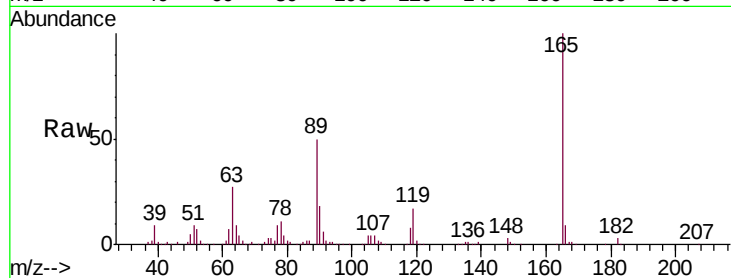




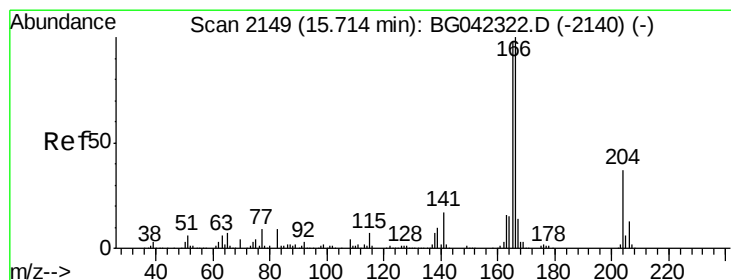
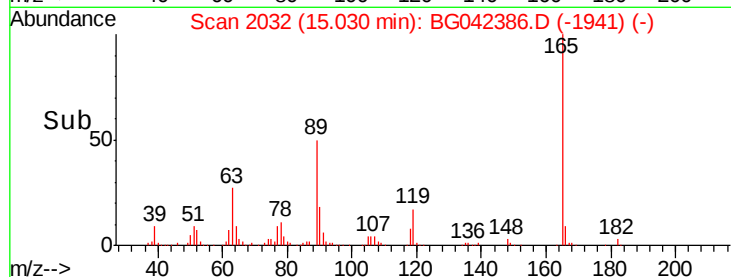
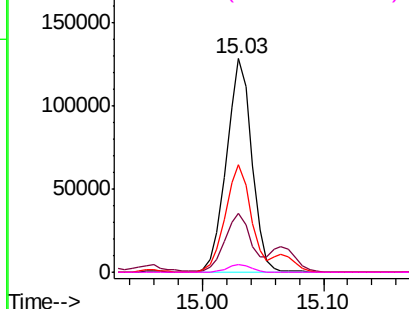
#57
 2,4-Dinitrotoluene
 Concen: 33.912 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	187084
Ion	Ratio	Lower Upper
165	100	
63	27.5	22.4 33.6
89	50.1	40.2 60.2
182	3.3	2.6 3.8

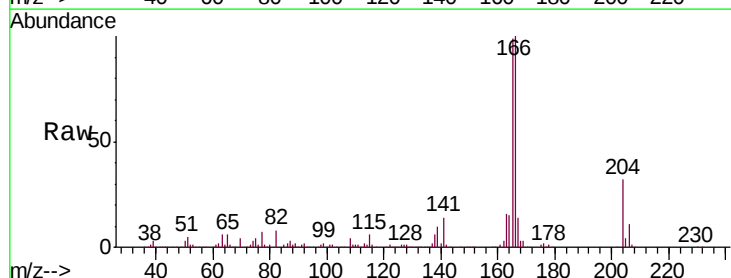


Abundance Ion 165.00 (164.70 to 165.70): E
 200000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

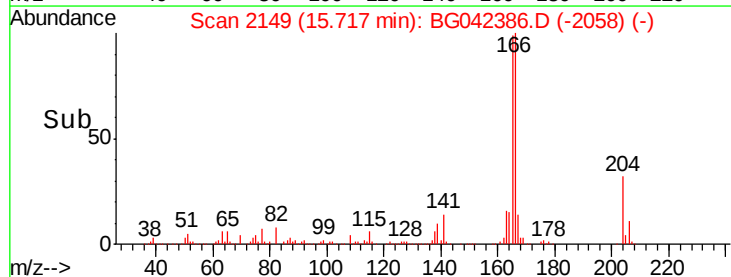
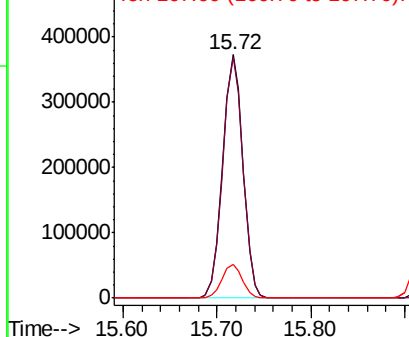


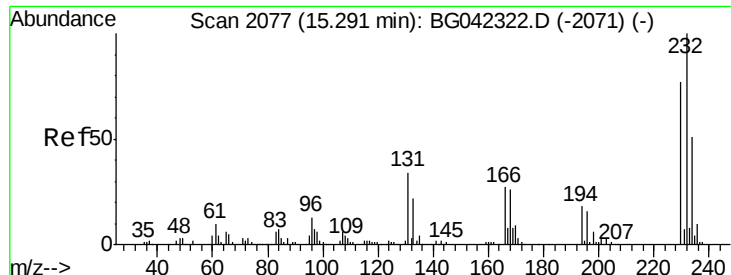
#58
 Fluorene
 Concen: 34.989 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion:166	Resp:	561077
Ion	Ratio	Lower Upper
166	100	
165	99.1	78.7 118.1
167	14.1	11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
 500000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

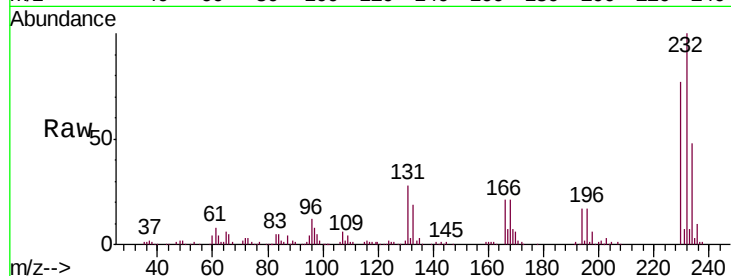




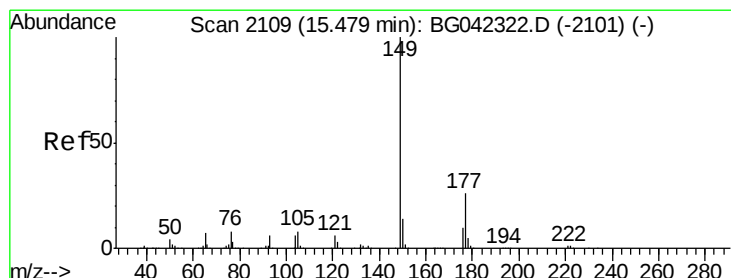
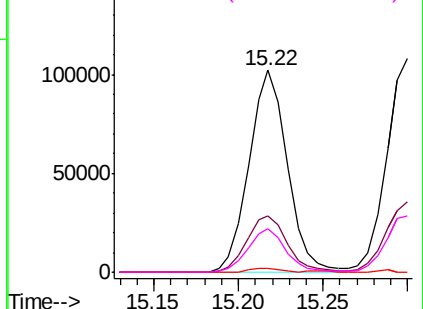
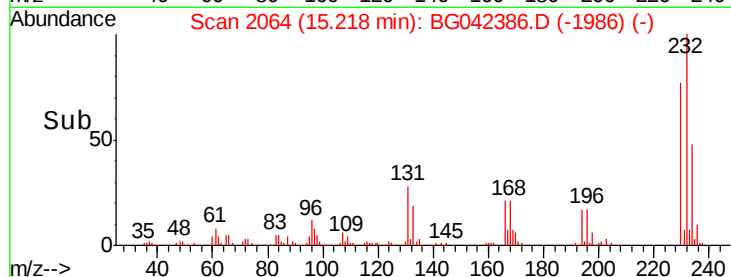
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.496 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.07 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	161265
Ion	Ratio	Lower	Upper
232	100		
131	29.8	27.0	40.6
130	1.6	1.4	2.0
166	21.3	21.3	31.9

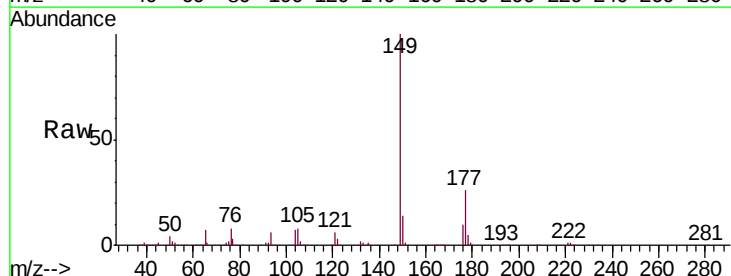


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

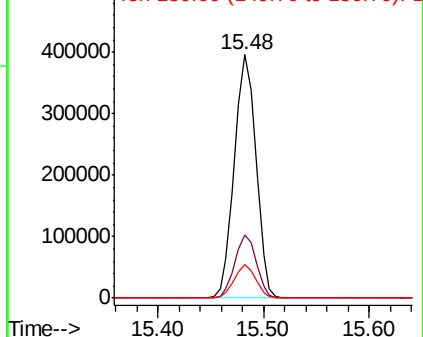
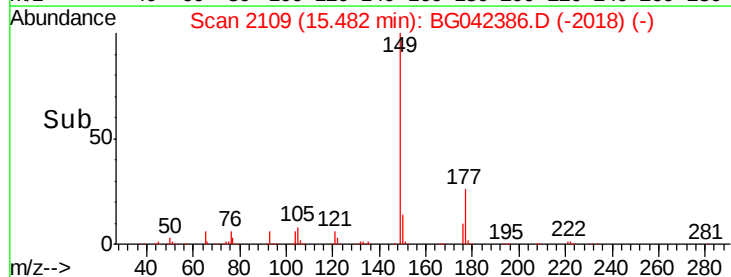


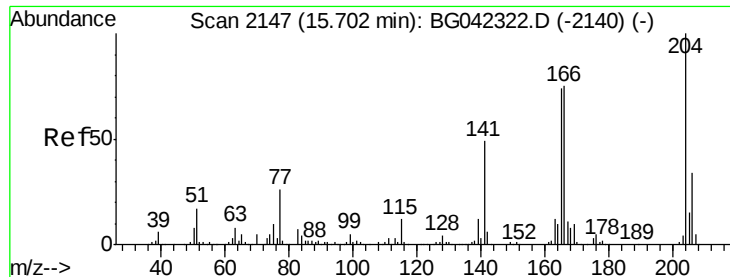
#60
 Diethylphthalate
 Concen: 34.262 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion:	149	Resp:	558849
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.7	31.1
150	13.6	11.0	16.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

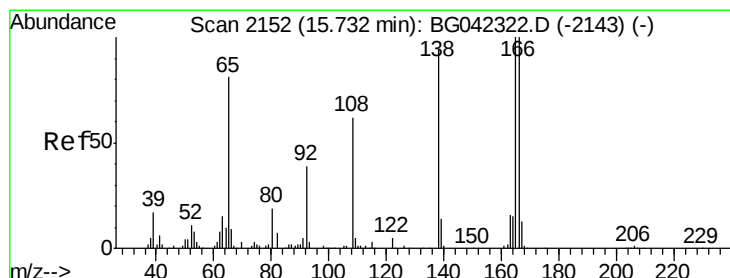
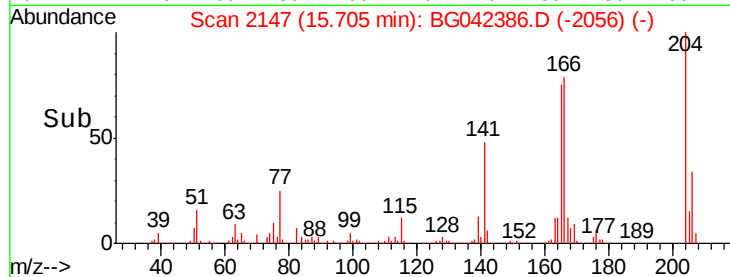
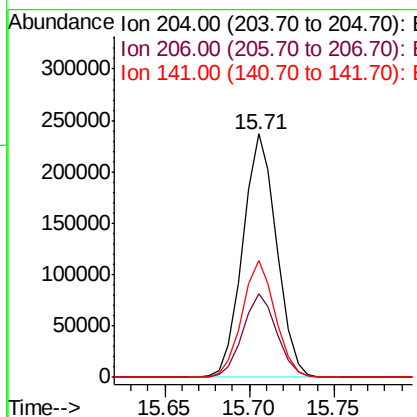
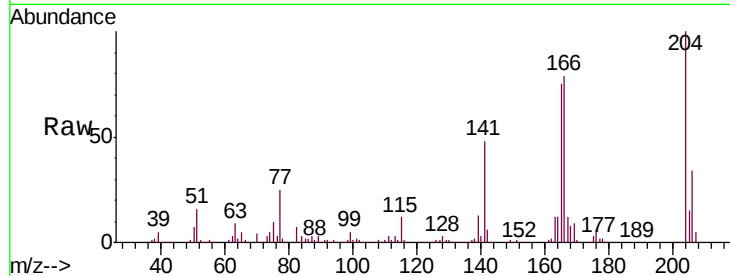




#61
 4-Chlorophenyl-phenylether
 Concen: 34.373 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

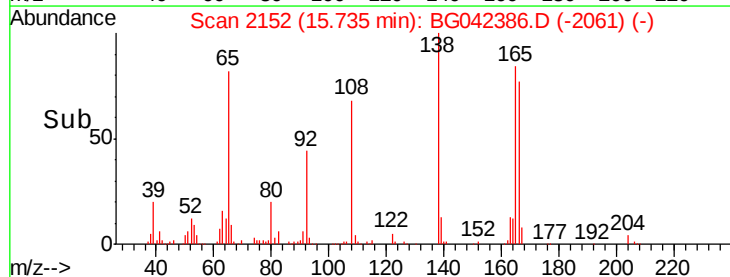
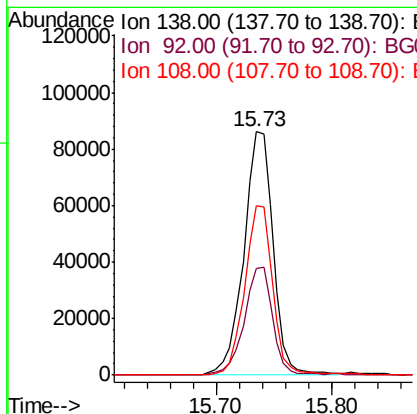
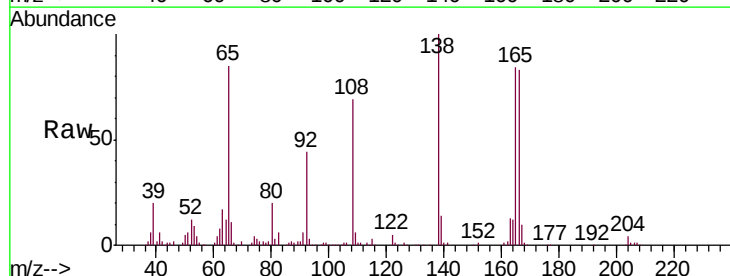
Instrument :
 BNA_G
 ClientSampleId :

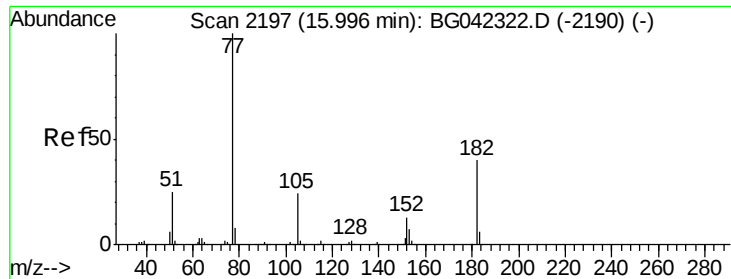
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.5	41.3
141	47.9	38.8	58.2



#62
 4-Nitroaniline
 Concen: 37.243 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.5	21.5	61.5
108	69.4	45.7	85.7

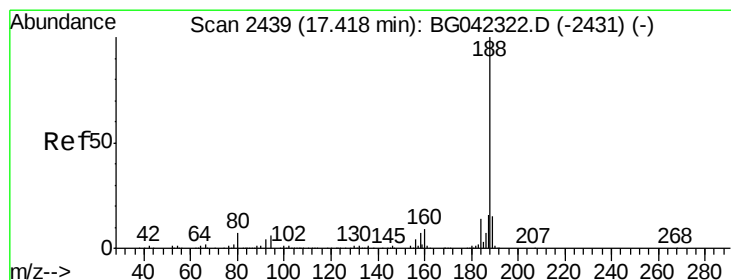
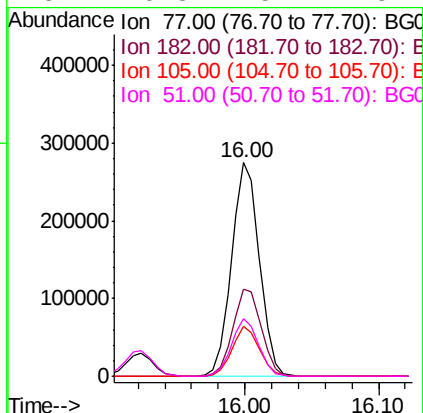
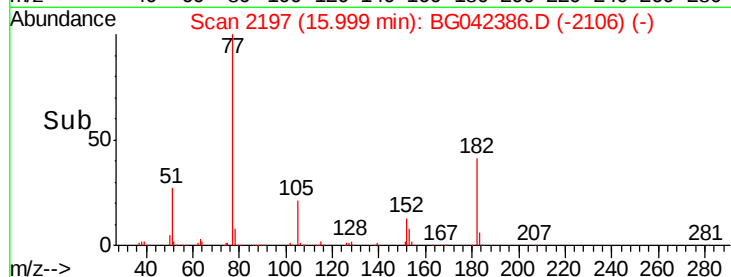
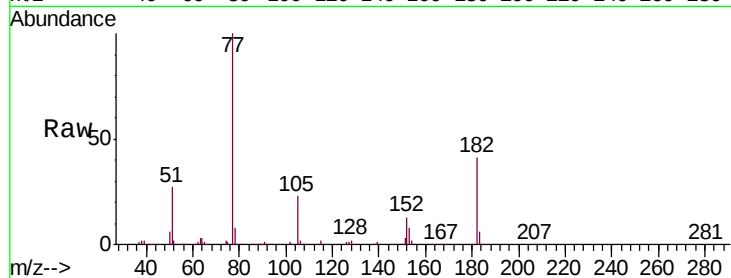




#63
Azobenzene
Concen: 34.969 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

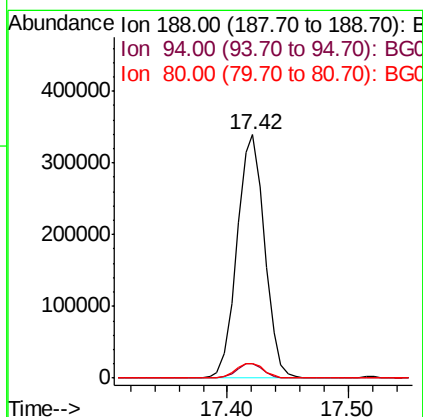
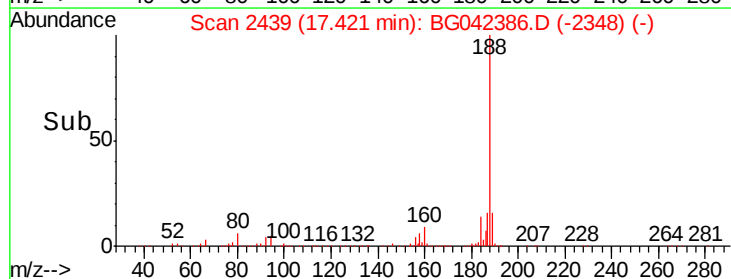
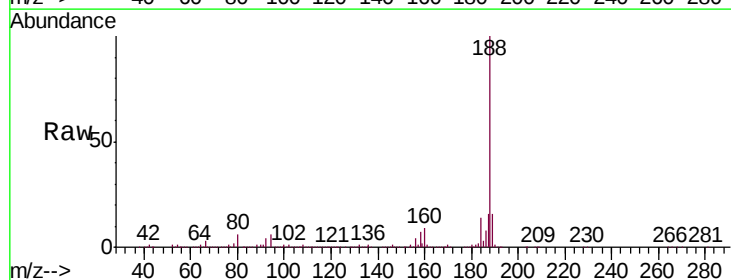
Instrument :
BNA_G
ClientSampleId :

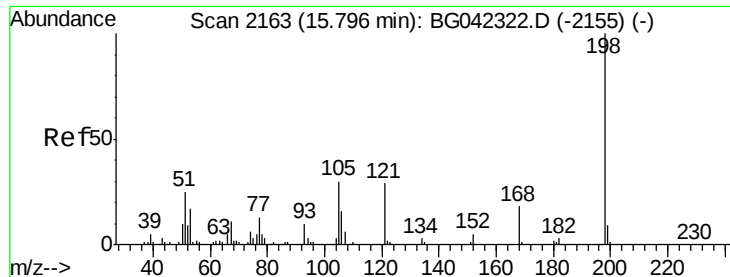
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	40.9	19.7	59.7	
105	23.4	3.5	43.5	
51	26.8	5.4	45.4	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	4.9	7.3	
80	6.2	5.4	8.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 2.045 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

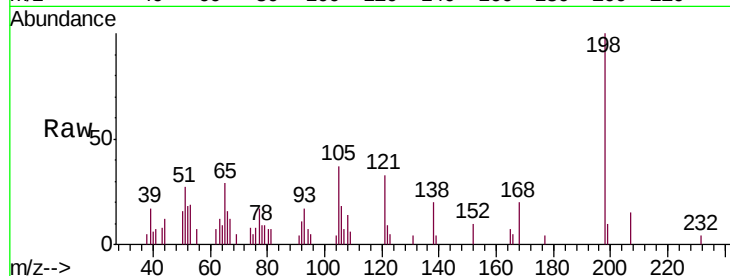
Tot Ion:198 Resp: 6756

Ion	Ratio	Lower	Upper
198	100		
51	26.5	6.4	46.4
105	36.9	10.0	50.0

198 100

51 26.5 6.4 46.4

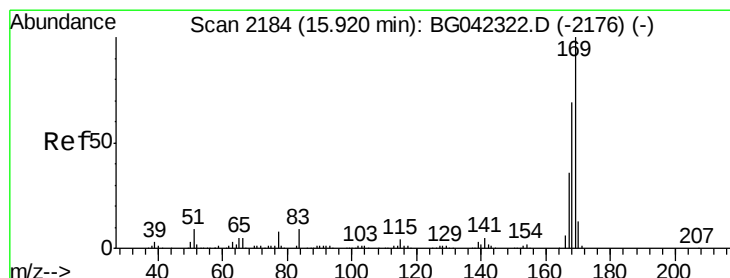
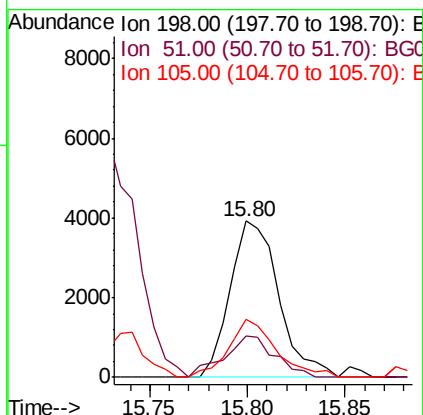
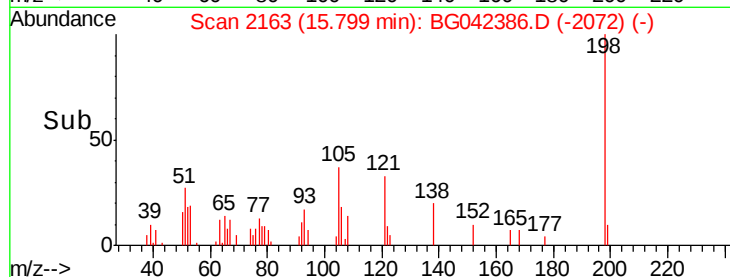
105 36.9 10.0 50.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG042322.D (-2155) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.239 ng

RT: 15.92 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

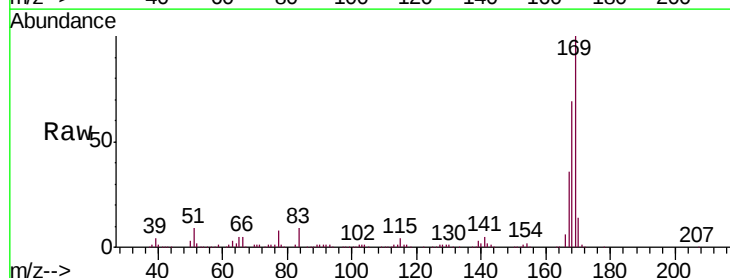
Tgt Ion:169 Resp: 533839

Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.5	83.3
167	36.0	28.9	43.3

169 100

168 68.6 55.5 83.3

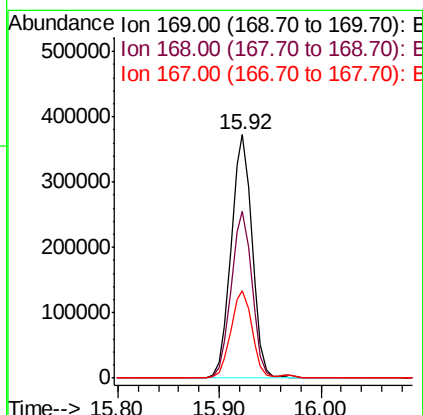
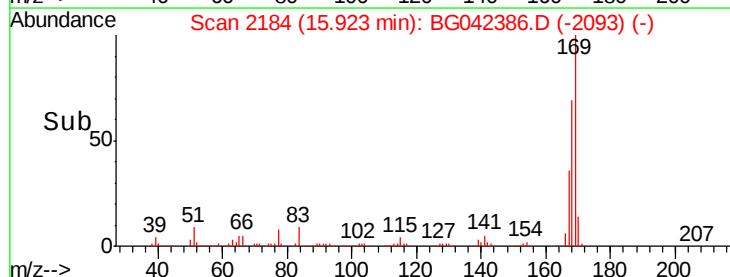
167 36.0 28.9 43.3

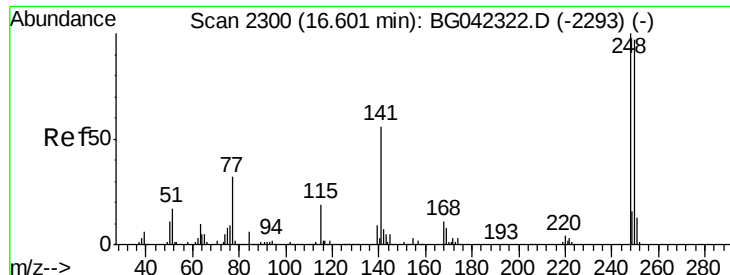


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

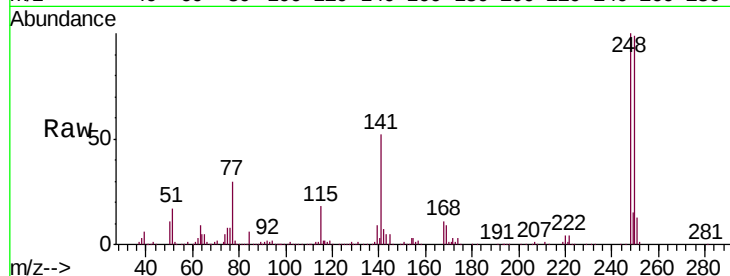




#67
4-Bromophenyl-phenylether
Concen: 34.199 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.0	117.0
141	52.1	44.9	67.3

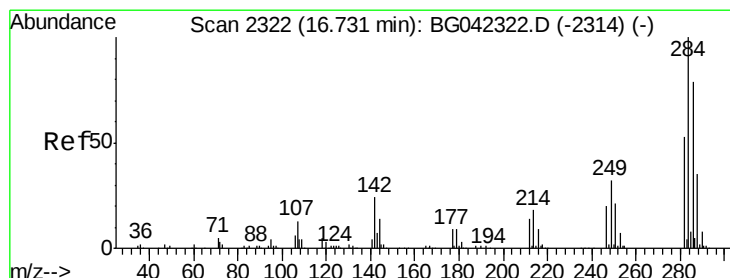
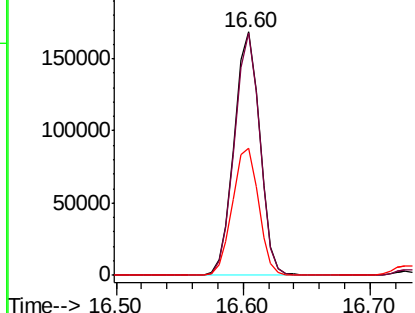
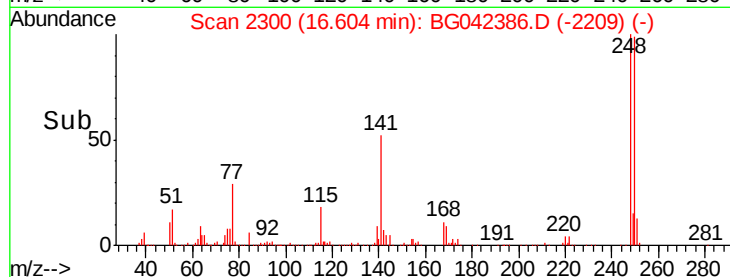


Abundance

Ion 248.00 (247.70 to 248.70): E

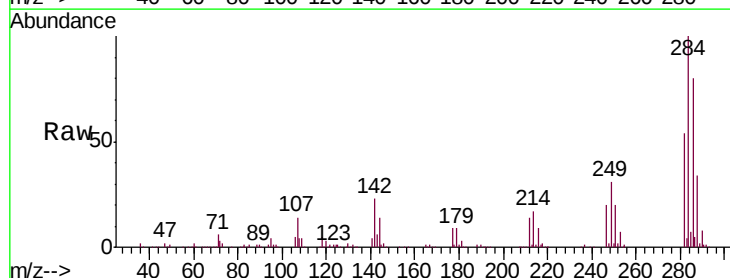
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.502 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.4	19.0	28.4
249	31.1	25.9	38.9

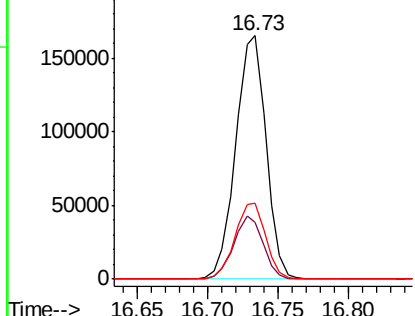
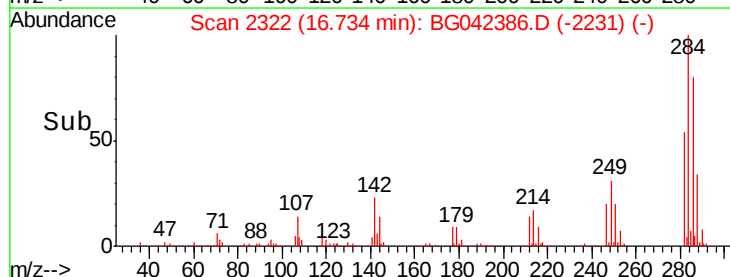


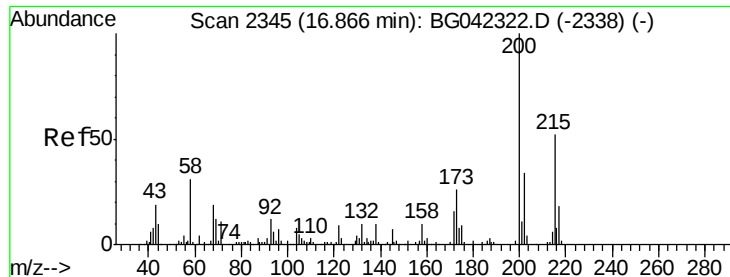
Abundance

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

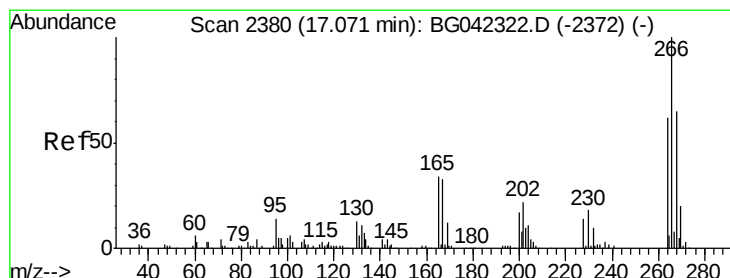
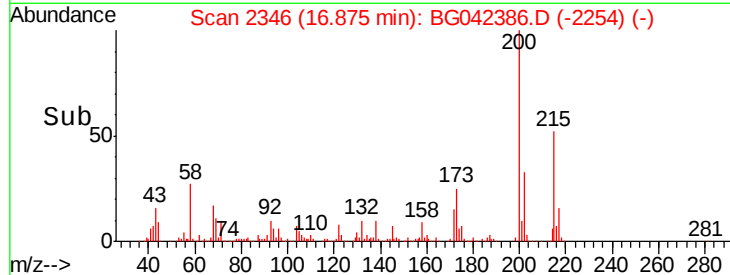
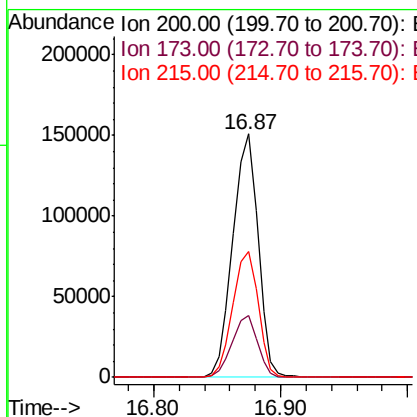
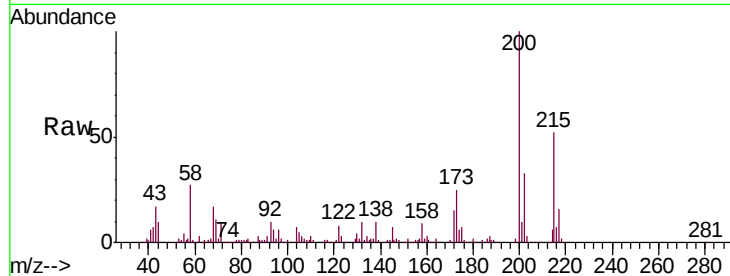




#69
 Atrazine
 Concen: 40.197 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. 0.01 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

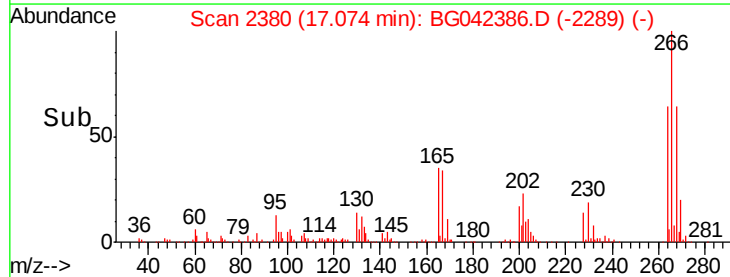
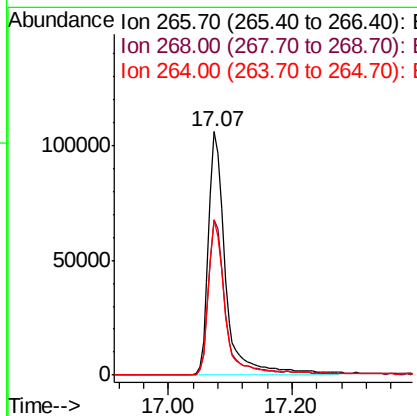
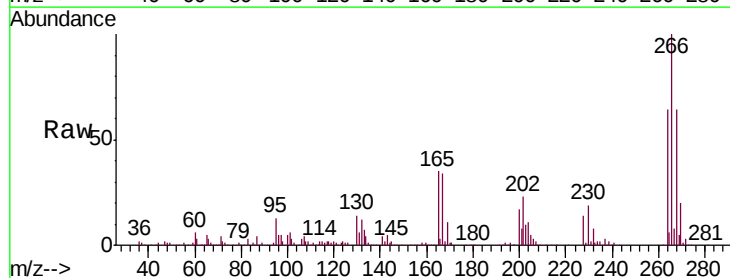
Instrument :
 BNA_G
 ClientSampleId :

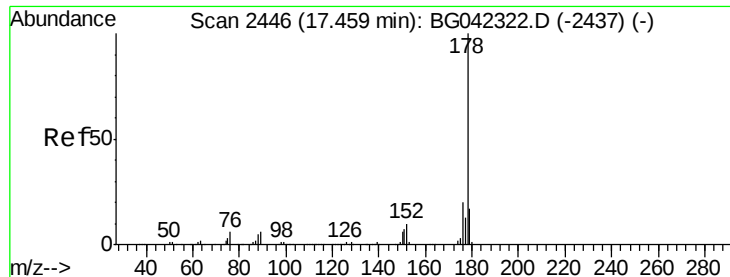
Tot Ion:	200	Resp:	208727
Ion Ratio	Lower	Upper	
200	100		
173	25.3	6.0	46.0
215	51.8	32.4	72.4



#70
 Pentachlorophenol
 Concen: 52.329 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion:	266	Resp:	205575
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.6	77.4
264	63.8	49.5	74.3

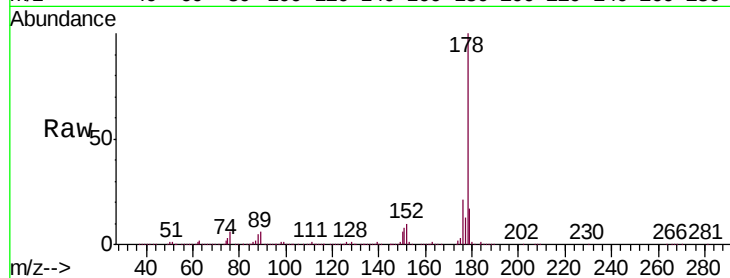




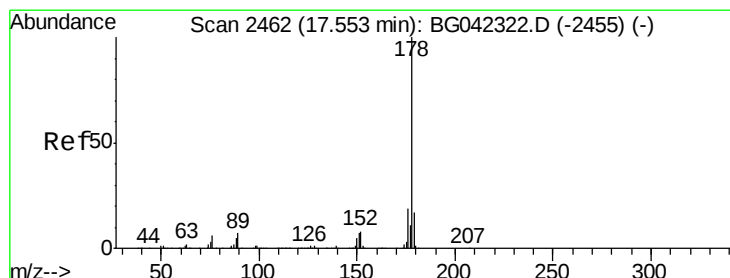
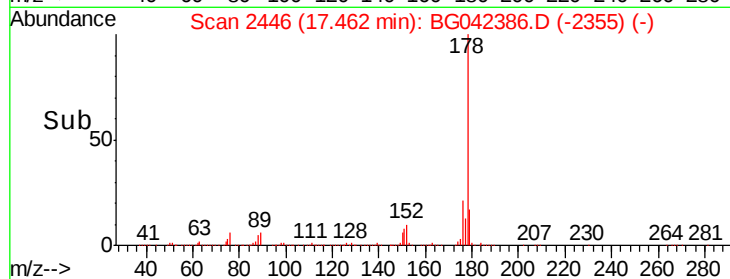
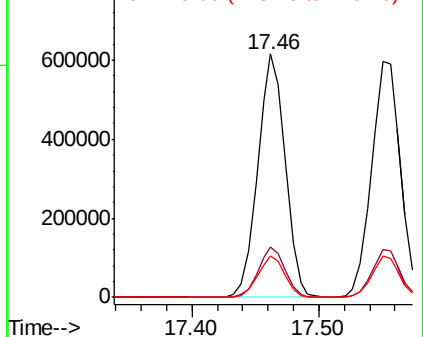
#71
Phenanthrene
Concen: 34.392 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 927307
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.8 13.7 20.5

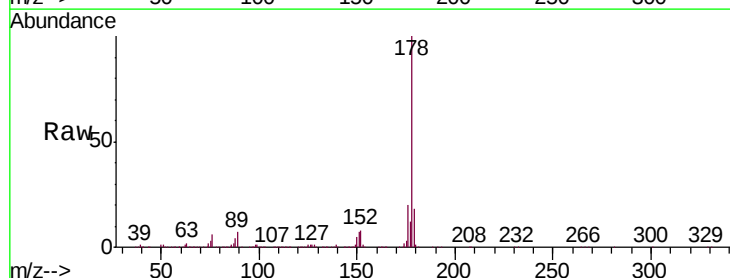


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

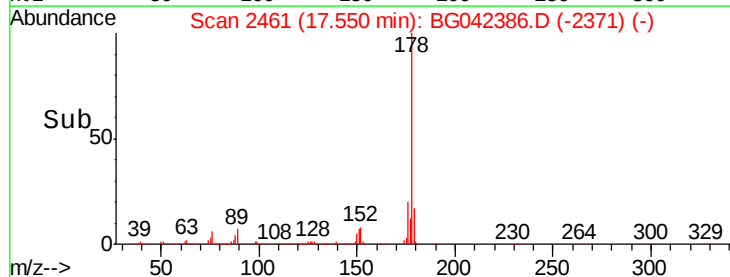
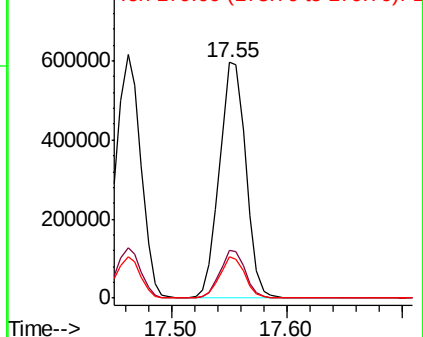


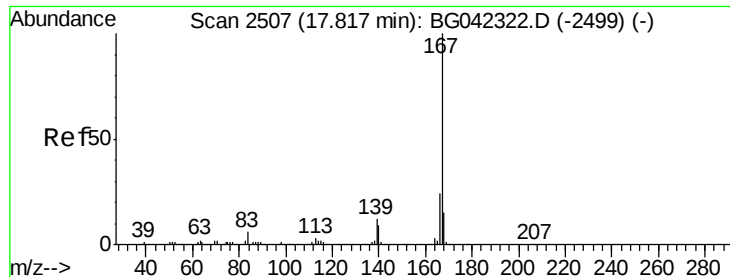
#72
Anthracene
Concen: 35.191 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion:178 Resp: 946327
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 17.5 13.6 20.4



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

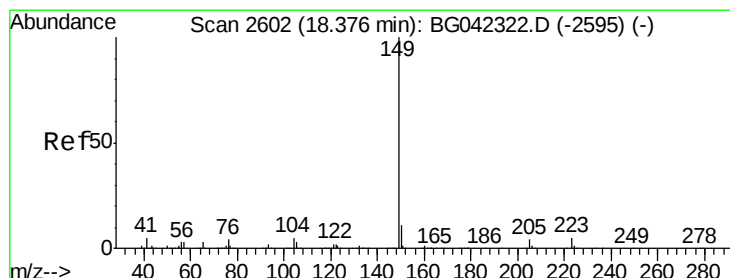
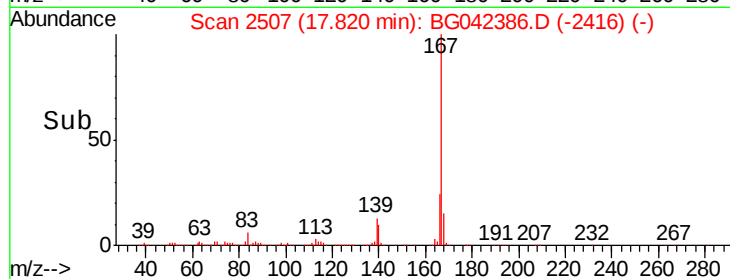
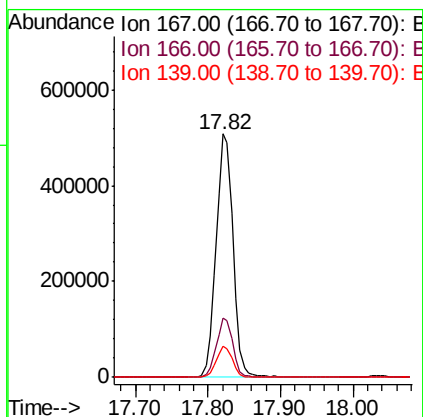
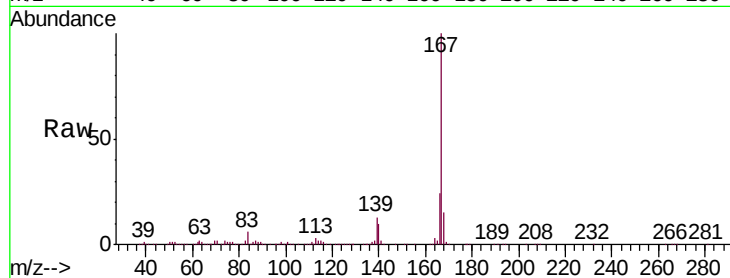




#73
 Carbazole
 Concen: 34.481 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

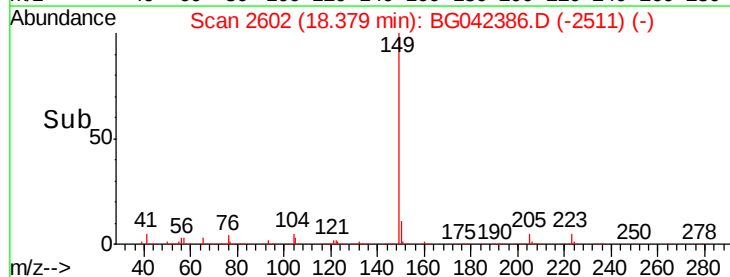
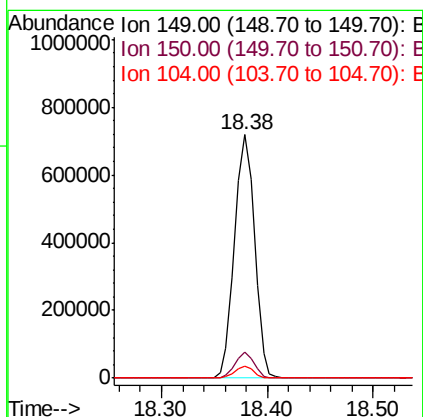
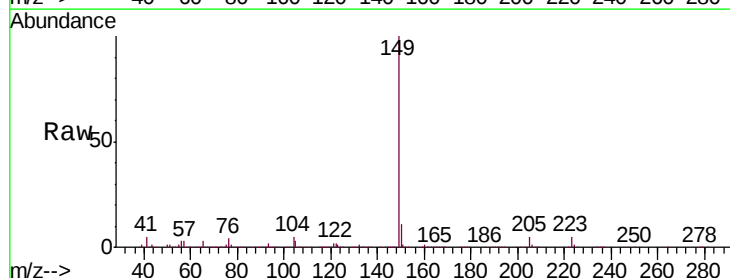
Instrument :
 BNA_G
 ClientSampleId :

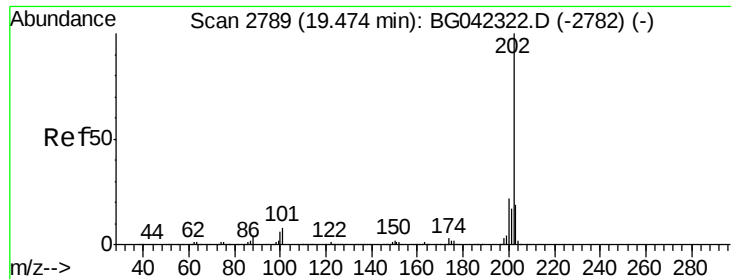
Tot Ion:167 Resp: 823678
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.0 28.6
 139 12.6 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 33.749 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042386.D
 Acq: 21 Aug 2019 16:46

Tgt Ion:149 Resp: 940398
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.4 12.6
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 31.947 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

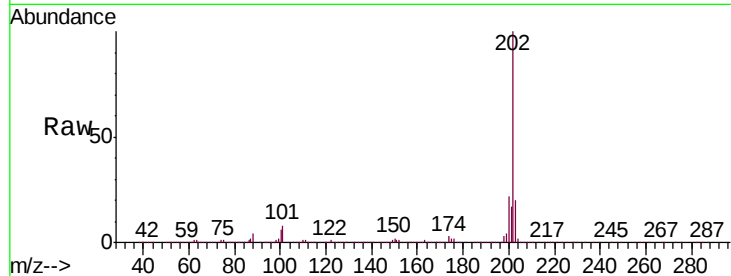
Tot Ion:202 Resp: 1038726

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.0

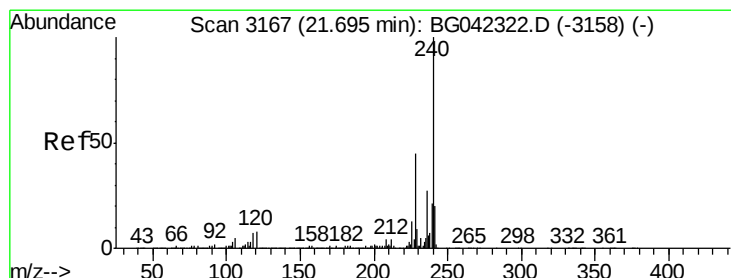
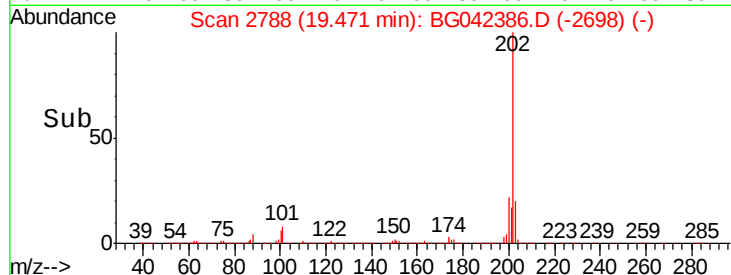
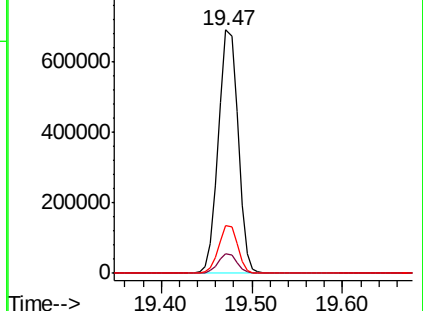
203 19.6 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

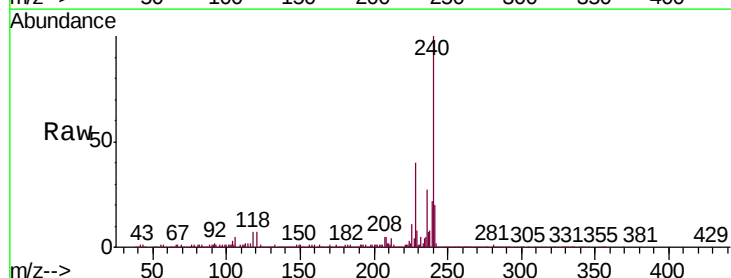
Tgt Ion:240 Resp: 413646

Ion Ratio Lower Upper

240 100

120 6.8 6.0 9.0

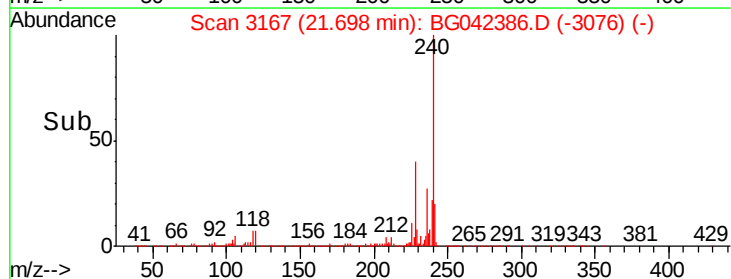
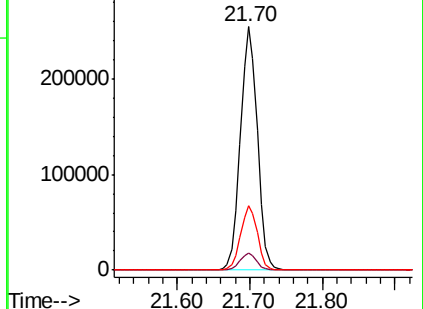
236 26.6 21.6 32.4

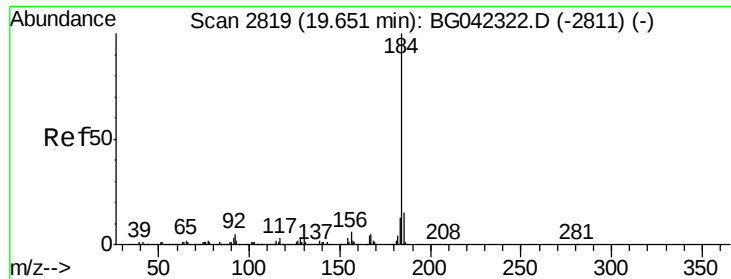


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

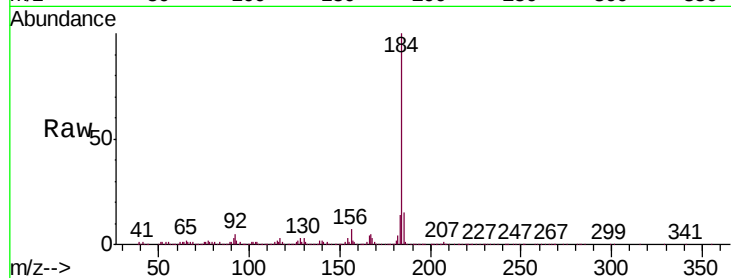




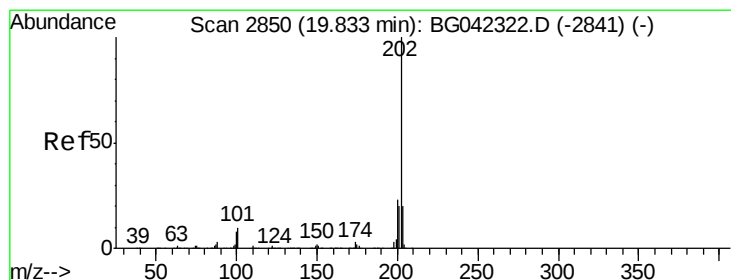
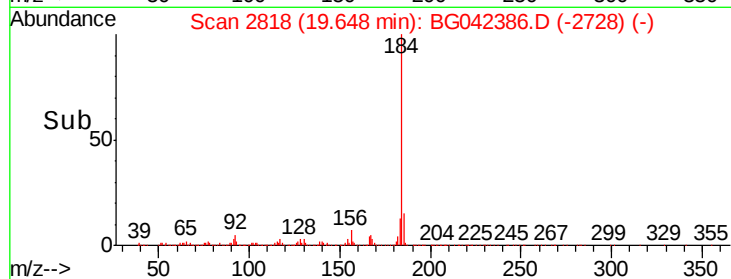
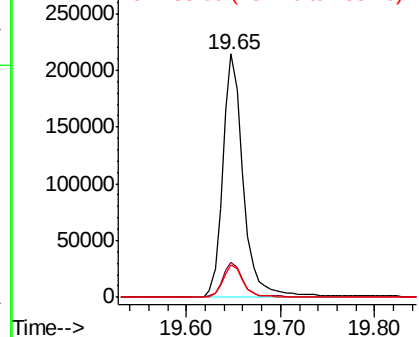
#77
Benzidine
Concen: 29.953 ng
RT: 19.65 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 328504
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 13.6 10.6 15.8

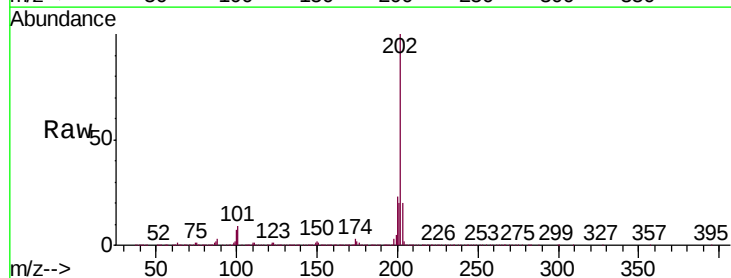


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

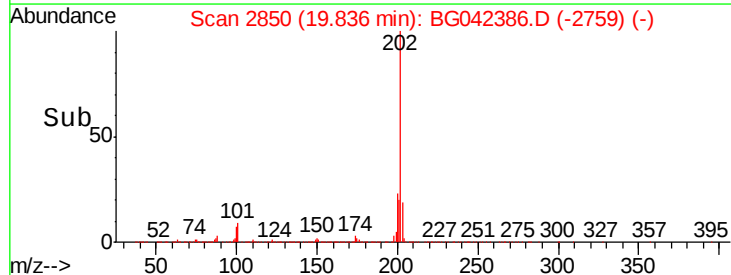
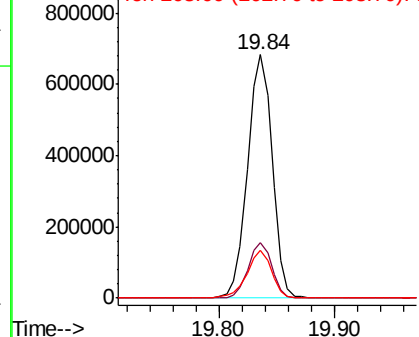


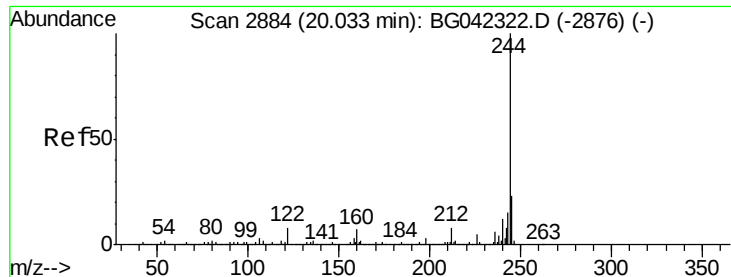
#78
Pyrene
Concen: 39.777 ng
RT: 19.84 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion:202 Resp: 1012409
Ion Ratio Lower Upper
202 100
200 23.0 18.1 27.1
203 19.6 15.8 23.8



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





#79

Terphenyl-d14

Concen: 69.684 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

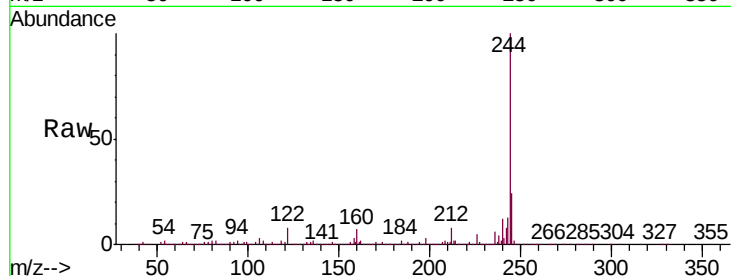
Tot Ion:244 Resp: 1316010

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

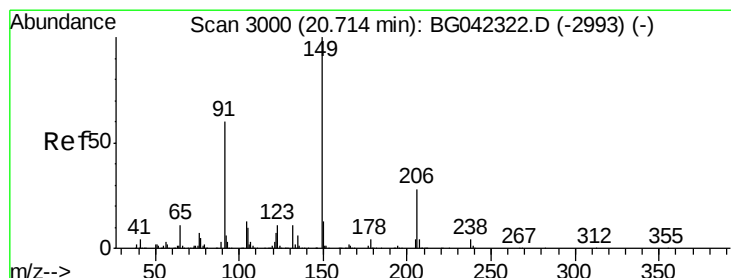
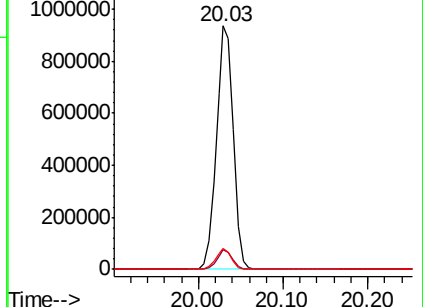
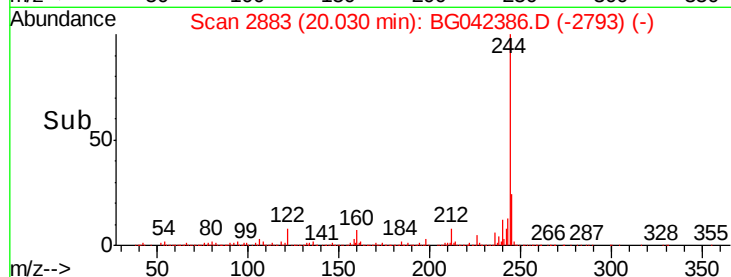
122 8.5 6.6 10.0



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: 33.078 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

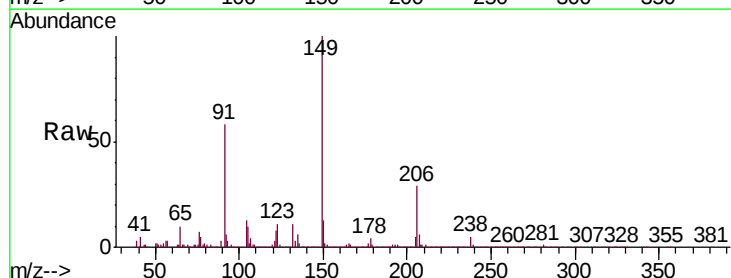
Tgt Ion:149 Resp: 333672

Ion Ratio Lower Upper

149 100

91 58.1 47.8 71.6

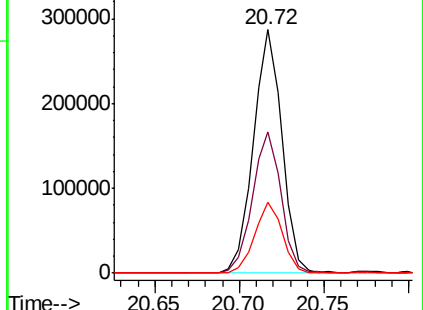
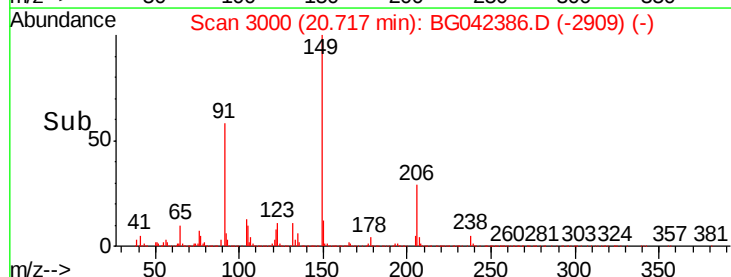
206 29.3 22.6 33.8

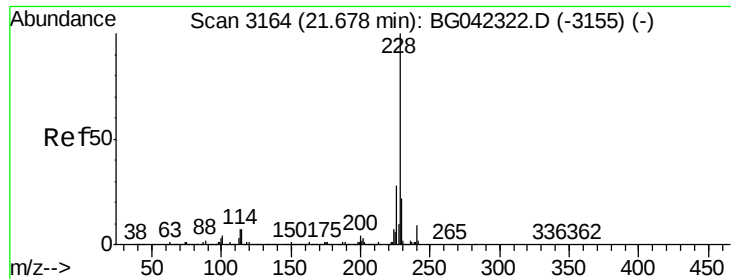


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.125 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

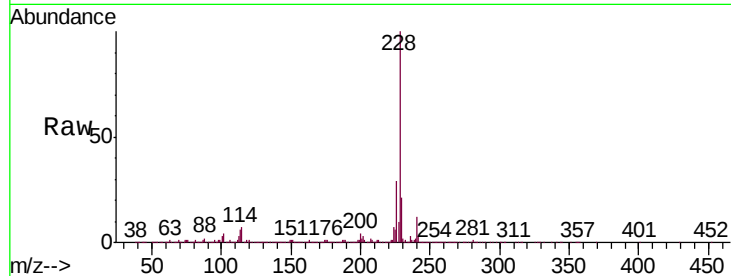
Tot Ion:228 Resp: 866861

Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

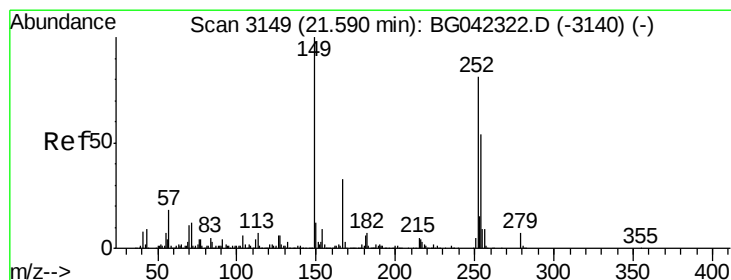
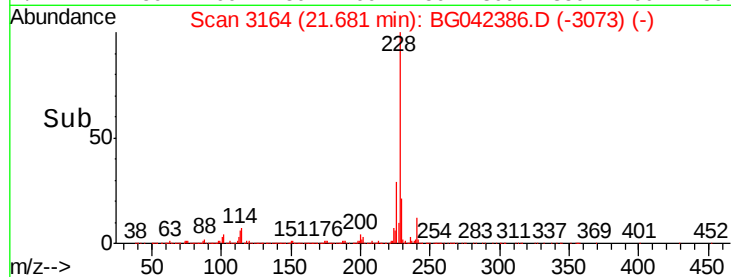
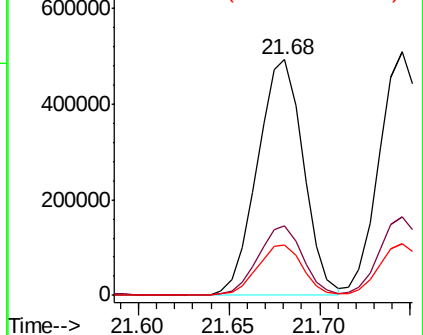
229 21.4 17.4 26.2



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: 22.476 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

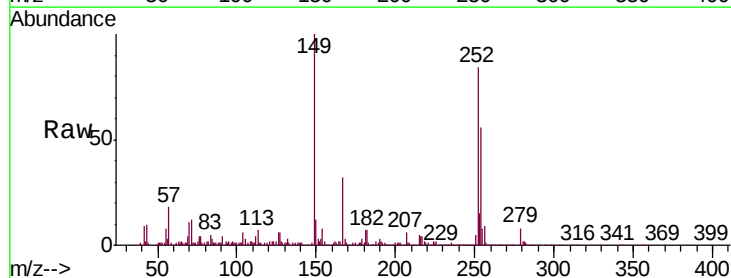
Tgt Ion:252 Resp: 227245

Ion Ratio Lower Upper

252 100

254 66.7 53.0 79.6

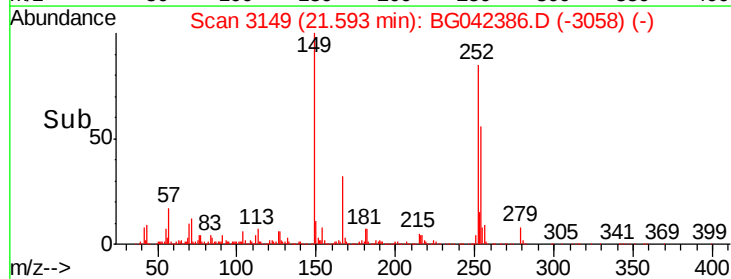
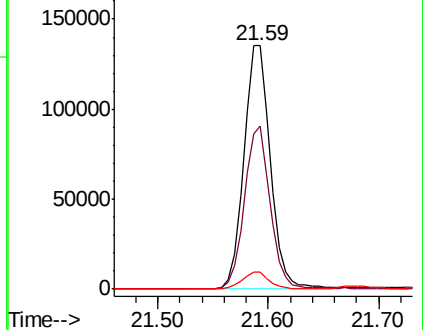
126 6.8 6.2 9.2

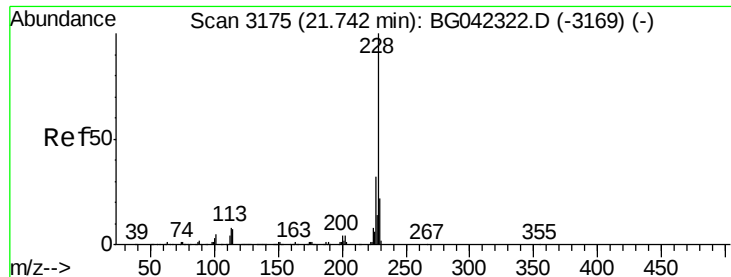


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.652 ng

RT: 21.75 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

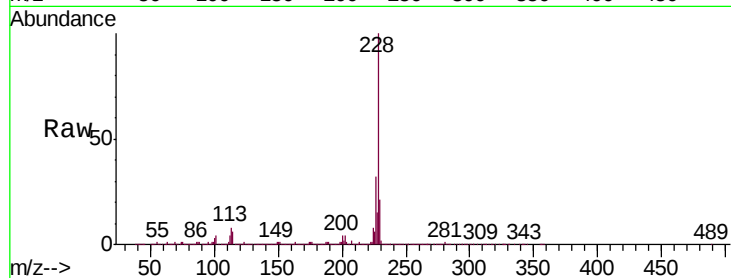
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 842057

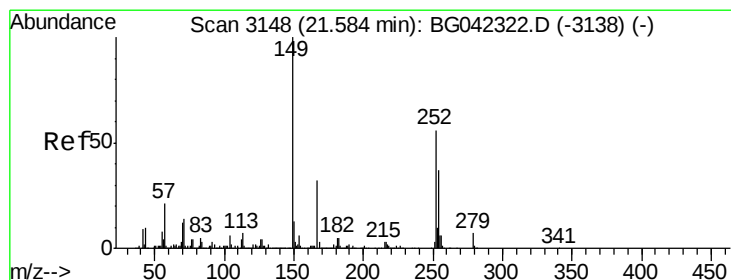
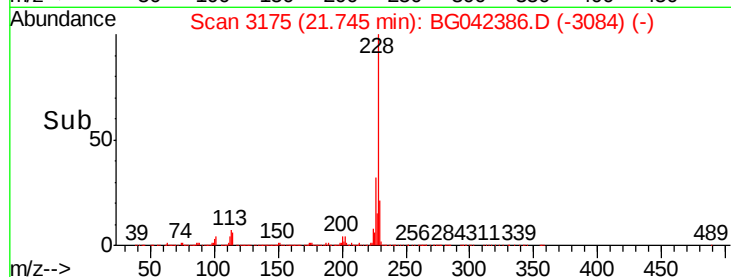
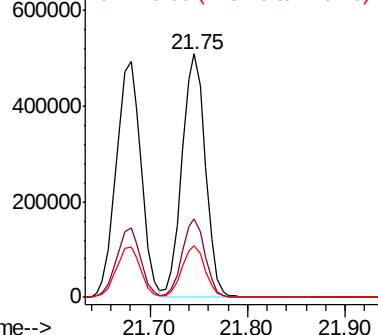
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.6	38.4
229	21.2	17.8	26.6



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: 32.227 ng

RT: 21.58 min Scan# 3147

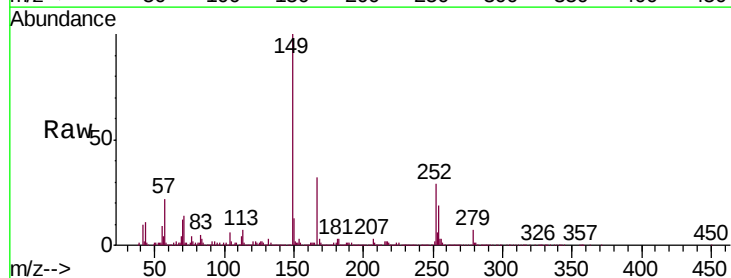
Delta R.T. -0.00 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Tgt Ion:149 Resp: 453275

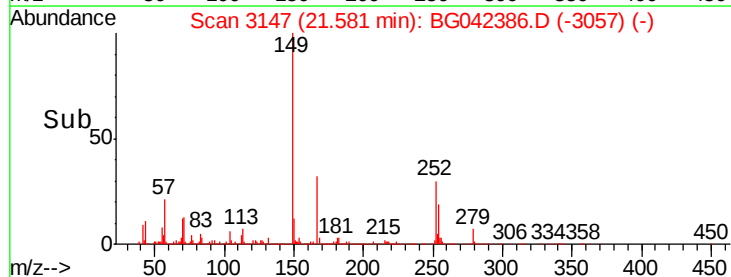
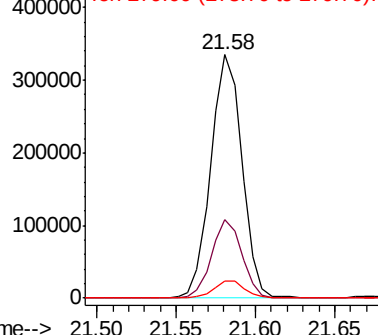
Ion	Ratio	Lower	Upper
149	100		
167	32.5	25.4	38.0
279	6.9	5.8	8.6

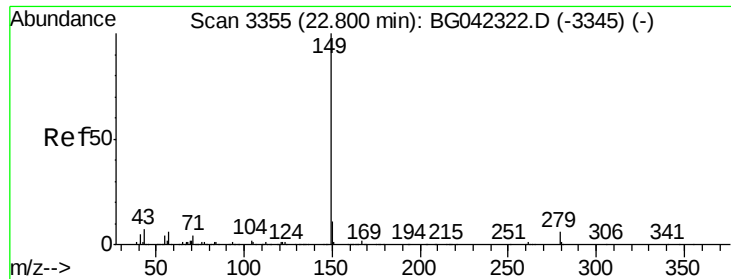


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

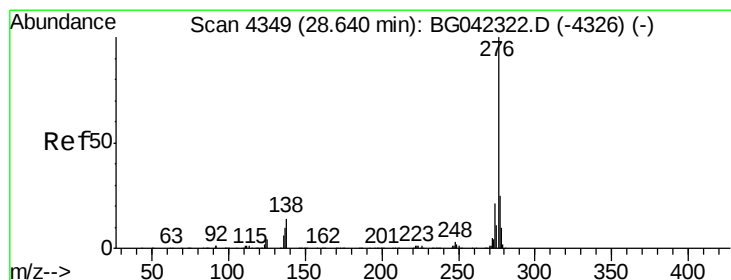
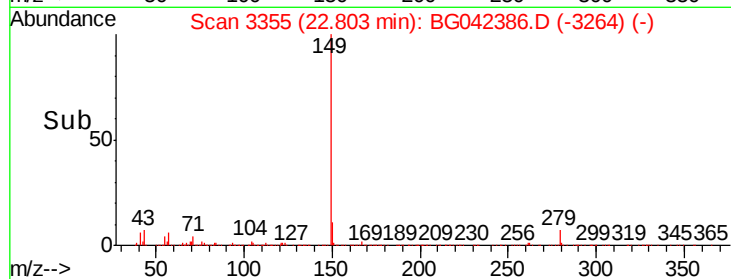
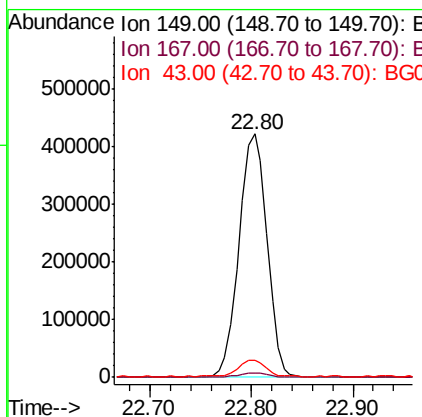
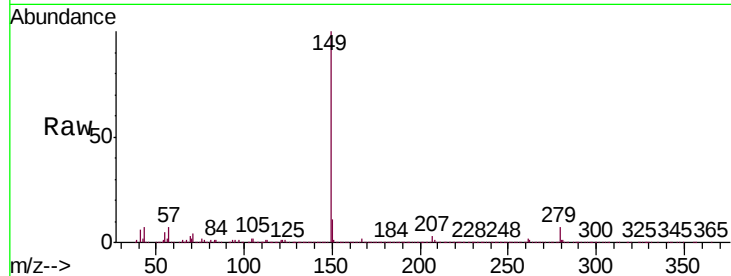




#85
Di-n-octyl phthalate
Concen: 33.501 ng
RT: 22.80 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

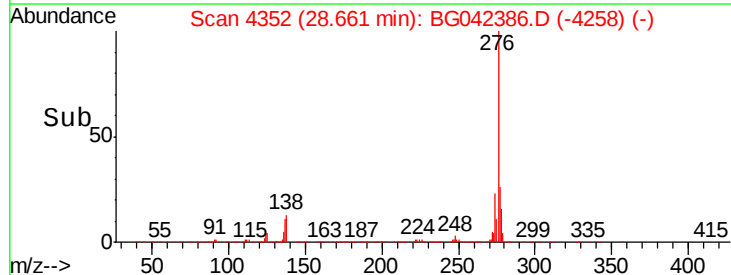
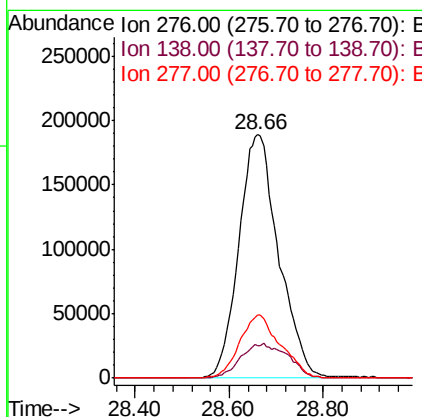
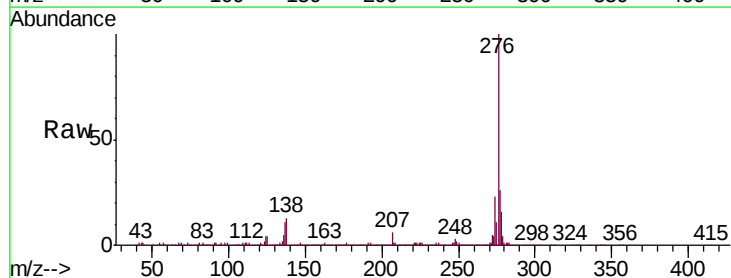
Instrument :
BNA_G
ClientSampleId :

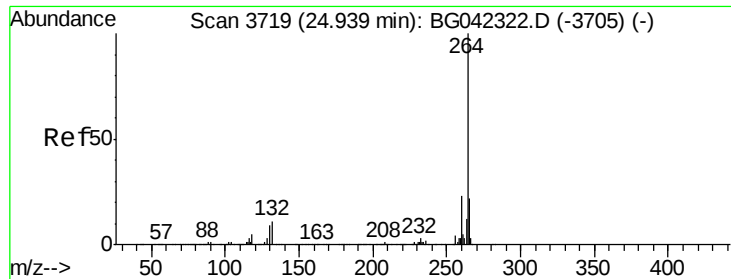
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	6.6	5.4	8.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.282 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.02 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.4	14.5	21.7#
277	26.2	21.0	31.4

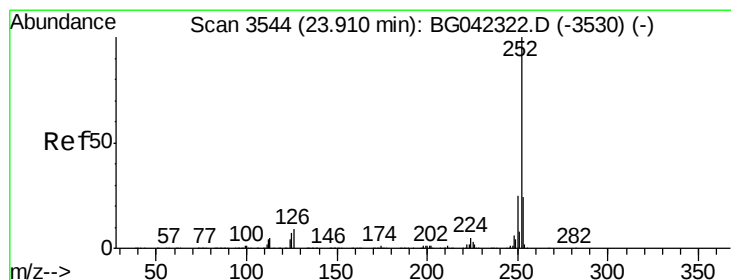
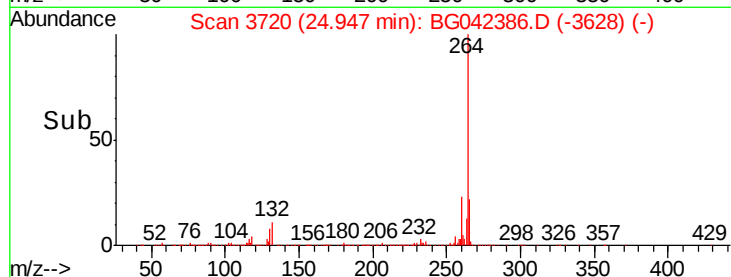
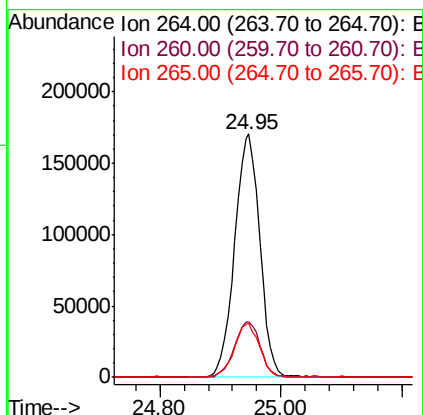
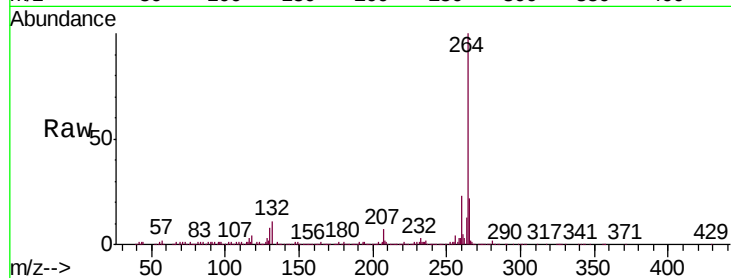




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. 0.01 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

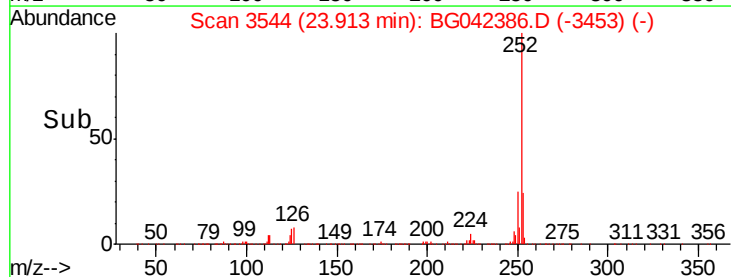
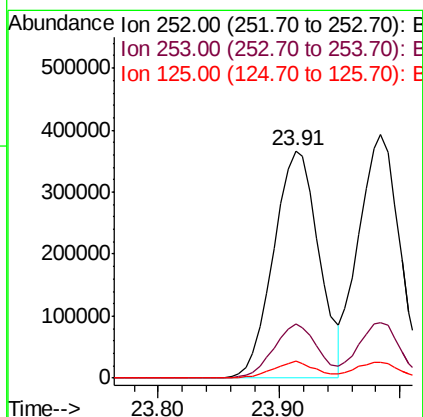
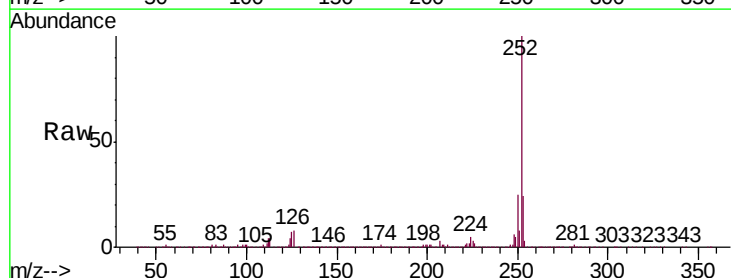
Instrument :
BNA_G
ClientSampleId :

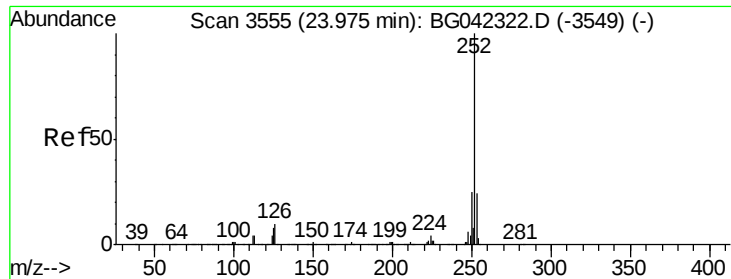
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	22.4	17.4	26.0



#88
Benzo(b)fluoranthene
Concen: 35.258 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG042386.D
Acq: 21 Aug 2019 16:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	7.2	5.8	8.6





#89

Benzo(k)fluoranthene

Concen: 34.778 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampled :

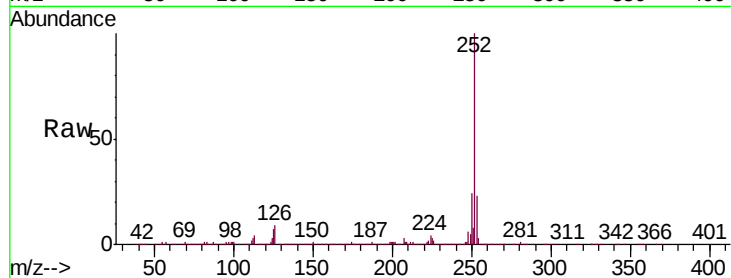
Tot Ion:252 Resp: 919794

Ion Ratio Lower Upper

252 100

253 22.8 19.0 28.4

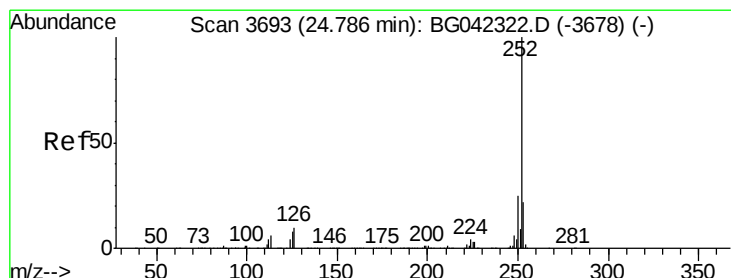
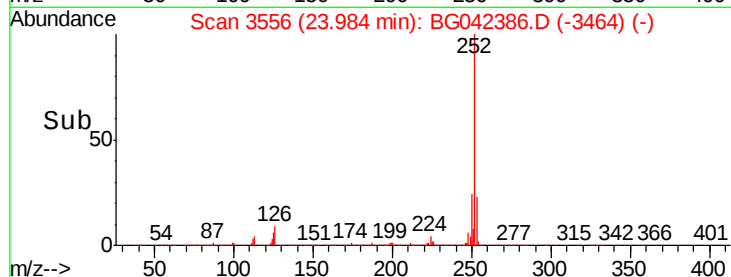
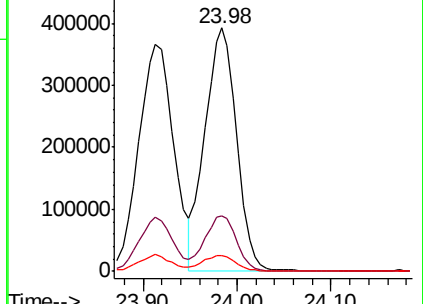
125 6.6 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 35.546 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

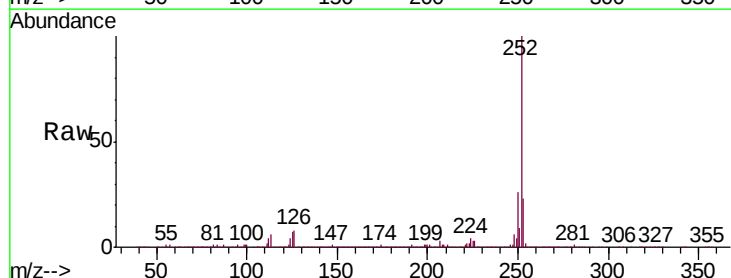
Tgt Ion:252 Resp: 921550

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

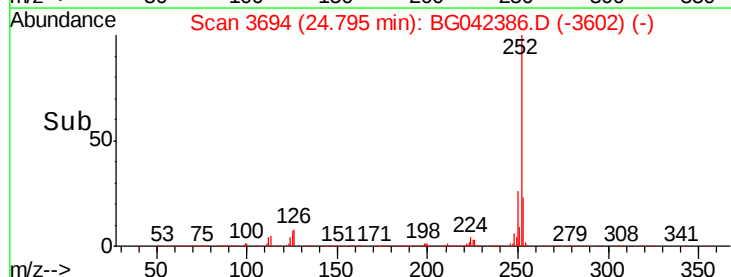
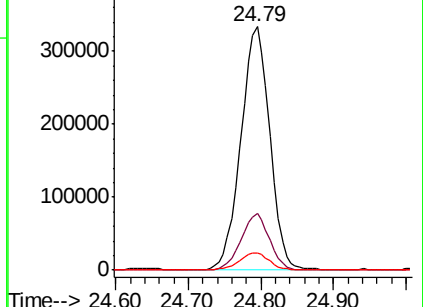
125 7.2 6.7 10.1

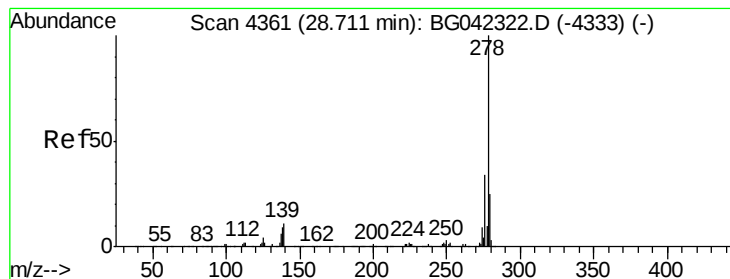


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.785 ng

RT: 28.72 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

Instrument :

BNA_G

ClientSampleId :

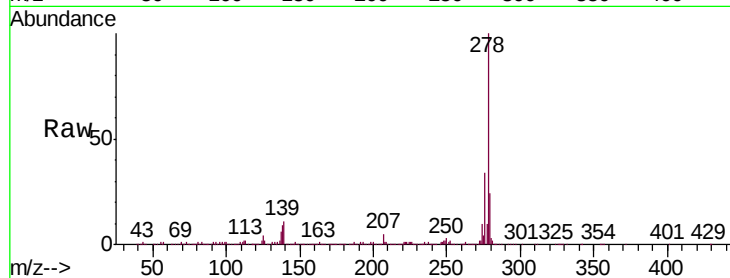
Tot Ion:278 Resp: 925544

Ion Ratio Lower Upper

278 100

139 10.8 8.5 12.7

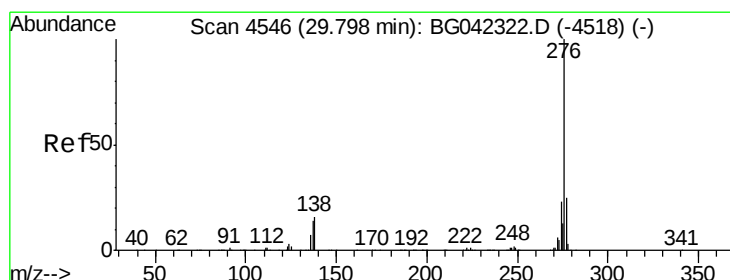
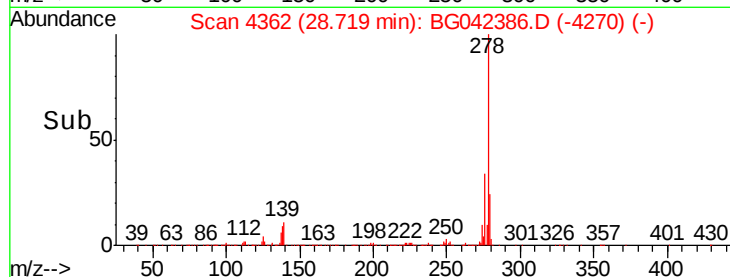
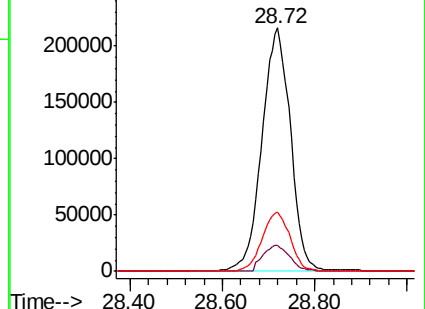
279 24.2 19.8 29.8



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: 35.815 ng

RT: 29.82 min Scan# 4549

Delta R.T. 0.02 min

Lab File: BG042386.D

Acq: 21 Aug 2019 16:46

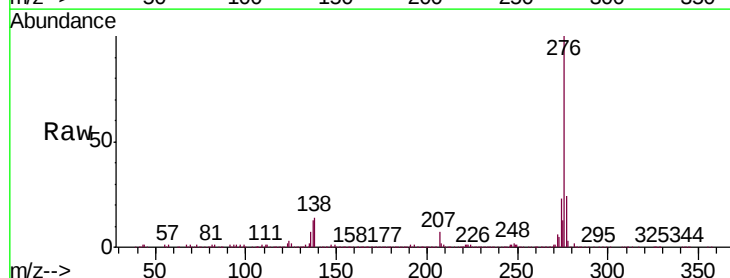
Tgt Ion:276 Resp: 923094

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.8

138 13.5 12.8 19.2



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

