

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042865.D
 Acq On : 17 Sep 2019 1:34
 Operator : HP/JU
 Sample : K4846-08MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 04:38:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	103635	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	410085	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	280495	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	636895	20.00	ng	0.00
76) Chrysene-d12	21.76	240	588665	20.00	ng	0.00
87) Perylene-d12	25.03	264	647947	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	511527	85.81	ng	0.00
7) Phenol-d6	7.27	99	769289	89.91	ng	0.00
23) Nitrobenzene-d5	9.27	82	485220	61.60	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	326086	87.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1011005	57.05	ng	0.00
79) Terphenyl-d14	20.09	244	1567055	59.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	81026	29.784	ng	98
3) Pyridine	3.98	79	227438	27.767	ng	98
4) n-Nitrosodimethylamine	3.89	42	134696	33.795	ng	90
6) Aniline	7.44	93	316969	27.458	ng	99
8) 2-Chlorophenol	7.68	128	285048	44.238	ng	99
9) Benzaldehyde	7.25	77	196494	35.291	ng	100
10) Phenol	7.30	94	410389	46.771	ng	96
11) bis(2-Chloroethyl)ether	7.53	93	266515	39.577	ng	97
12) 1,3-Dichlorobenzene	8.01	146	303889	38.667	ng	99
13) 1,4-Dichlorobenzene	8.15	146	307835	39.123	ng	96
14) 1,2-Dichlorobenzene	8.48	146	291568	38.928	ng	99
15) Benzyl Alcohol	8.35	79	298460	40.647	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	519435	35.125	ng	97
17) 2-Methylphenol	8.55	107	251473	42.838	ng	98
18) Hexachloroethane	9.21	117	113415	39.042	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	241711	38.339	ng	91
20) 3+4-Methylphenols	8.88	107	348139	43.023	ng	99
22) Acetophenone	8.93	105	426149	41.147	ng	95
24) Nitrobenzene	9.32	77	359273	43.454	ng	97
25) Isophorone	9.84	82	651951	39.708	ng	97
26) 2-Nitrophenol	10.03	139	166869	51.326	ng	92
27) 2,4-Dimethylphenol	10.09	122	273285	47.520	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	367486	40.135	ng	99
29) 2,4-Dichlorophenol	10.57	162	301172	45.065	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	334528	40.999	ng	99
31) Naphthalene	10.98	128	856706	42.312	ng	98
32) Benzoic acid	10.22	122	218413	47.085	ng	97
33) 4-Chloroaniline	11.07	127	227404	24.029	ng	97
34) Hexachlorobutadiene	11.27	225	218451	38.212	ng	95
35) Caprolactam	11.85	113	71435	28.744	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	327328	45.110	ng	96
37) 2-Methylnaphthalene	12.58	142	647511	42.692	ng	98
38) 1-Methylnaphthalene	12.79	142	606154	42.611	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	396953	42.827	ng	98

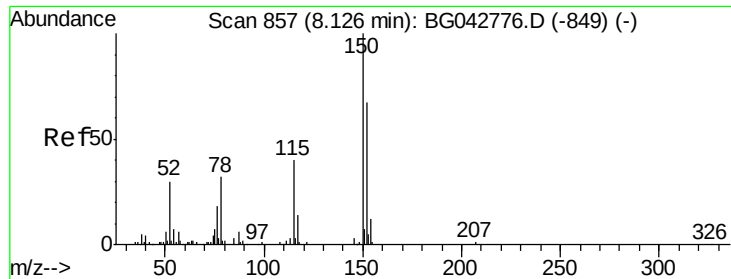
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
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Quant Time: Sep 17 04:38:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	327756	61.726	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	276847	44.864	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	297490	47.067	ng	97
46) 1,1'-Biphenyl	13.58	154	850925	43.334	ng	99
47) 2-Chloronaphthalene	13.62	162	678789	41.788	ng	100
48) 2-Nitroaniline	13.80	65	246166	43.686	ng	98
49) Acenaphthylene	14.46	152	1071659	43.172	ng	97
50) Dimethylphthalate	14.19	163	899515	42.808	ng	100
51) 2,6-Dinitrotoluene	14.30	165	201233	46.673	ng	90
52) Acenaphthene	14.80	154	727937	44.887	ng	97
53) 3-Nitroaniline	14.63	138	164217	33.936	ng	94
54) 2,4-Dinitrophenol	14.83	184	148676	70.046	ng	# 74
55) Dibenzofuran	15.13	168	1023680	42.468	ng	98
56) 4-Nitrophenol	14.93	139	345760	92.413	ng	96
57) 2,4-Dinitrotoluene	15.09	165	276996	48.199	ng	99
58) Fluorene	15.78	166	847250	42.411	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	286659	46.785	ng	98
60) Diethylphthalate	15.55	149	842771	39.512	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	486407	41.180	ng	98
62) 4-Nitroaniline	15.79	138	200531	38.446	ng	96
63) Azobenzene	16.07	77	854890	41.622	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	122515	44.957	ng	99
66) n-Nitrosodiphenylamine	15.98	169	763468	44.547	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	329540	42.749	ng	99
68) Hexachlorobenzene	16.79	284	338984	41.153	ng	99
69) Atrazine	16.93	200	284660	47.697	ng	97
70) Pentachlorophenol	17.13	266	458182	93.766	ng	97
71) Phenanthrene	17.52	178	1310440	43.023	ng	99
72) Anthracene	17.61	178	1343564	44.153	ng	99
73) Carbazole	17.88	167	1246544	43.100	ng	97
74) Di-n-butylphthalate	18.44	149	1393428	40.219	ng	99
75) Fluoranthene	19.53	202	1606552	40.698	ng	97
77) Benzidine	19.70	184	820621	49.896	ng	99
78) Pyrene	19.89	202	1622333	44.020	ng	97
80) Butylbenzylphthalate	20.77	149	641571	43.014	ng	99
81) Benzo(a)anthracene	21.74	228	1581257	42.248	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	568647	39.095	ng	99
83) Chrysene	21.81	228	1512453	42.661	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	871011	42.739	ng	99
85) Di-n-octyl phthalate	22.89	149	1488203	42.835	ng	99
86) Indeno(1,2,3-cd)pyrene	28.78	276	1878648	42.790	ng	# 93
88) Benzo(b)fluoranthene	24.00	252	1634606	42.964	ng	97
89) Benzo(k)fluoranthene	24.06	252	1583675	44.066	ng	99
90) Benzo(a)pyrene	24.88	252	1589455	44.616	ng	99
91) Dibenzo(a,h)anthracene	28.85	278	1569049	44.781	ng	100
92) Benzo(g,h,i)perylene	29.94	276	1536994	44.972	ng	97

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

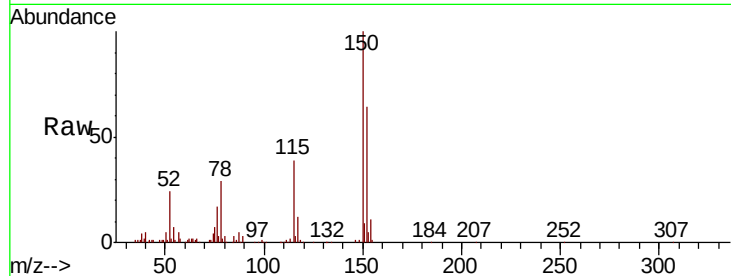


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	118.9	178.3
115	60.7	47.4	71.2

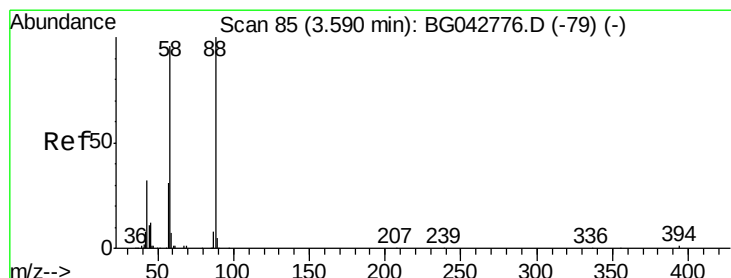
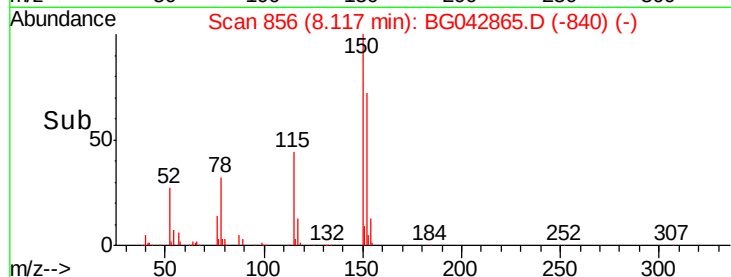
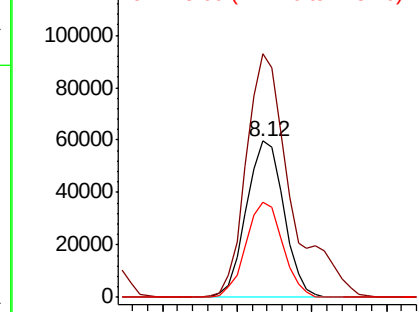


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

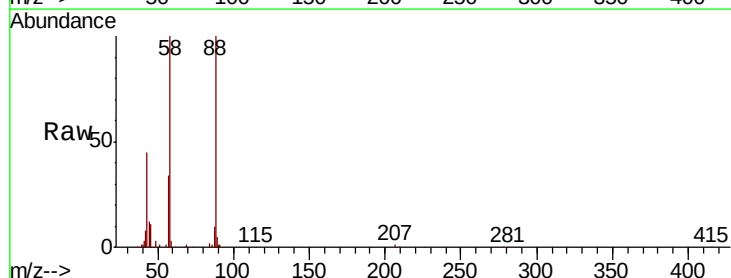
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.784 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	79.1	118.7
43	39.6	30.4	45.6

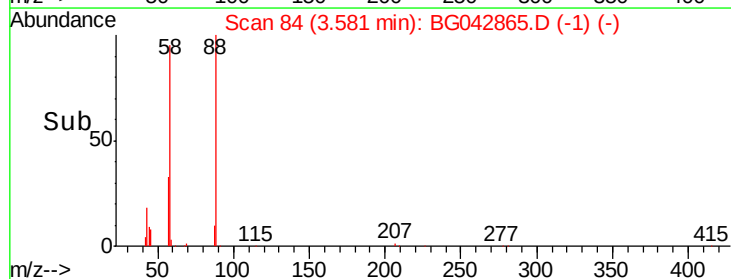
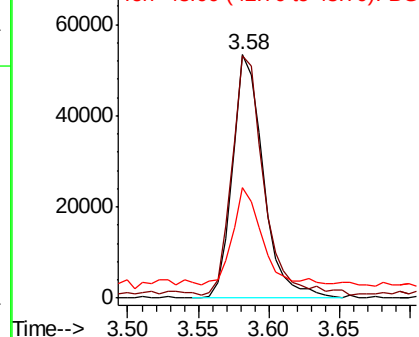


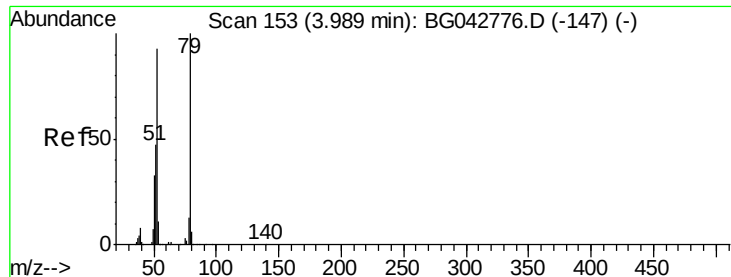
Abundance

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: 27.767 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

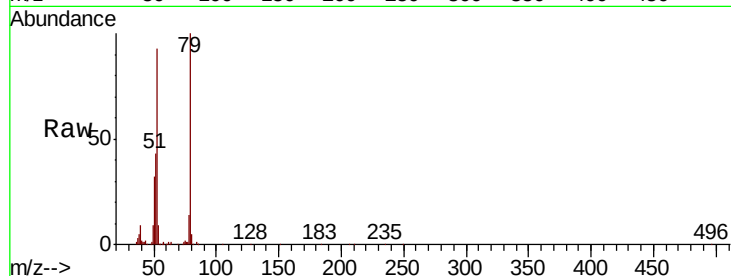
Tot Ion: 79 Resp: 227438

Ion Ratio Lower Upper

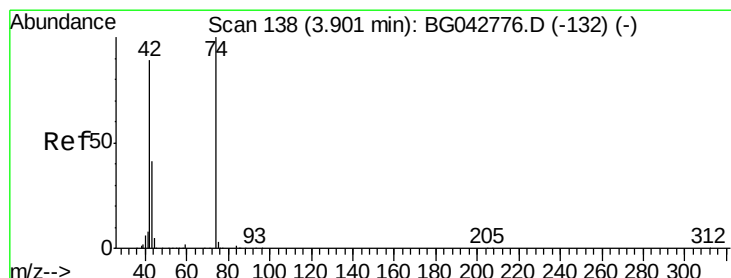
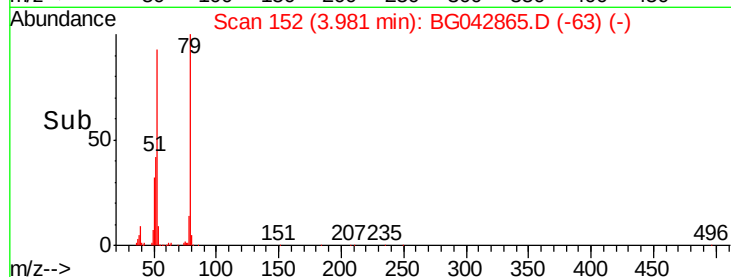
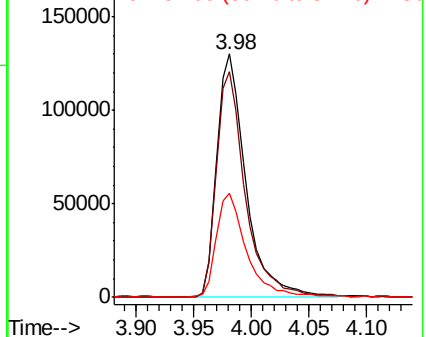
79 100

52 92.7 74.0 111.0

51 42.6 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.795 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

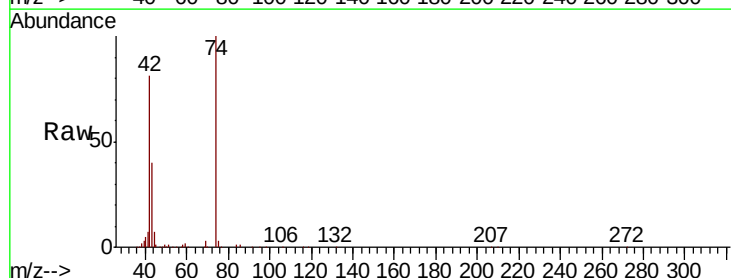
Tgt Ion: 42 Resp: 134696

Ion Ratio Lower Upper

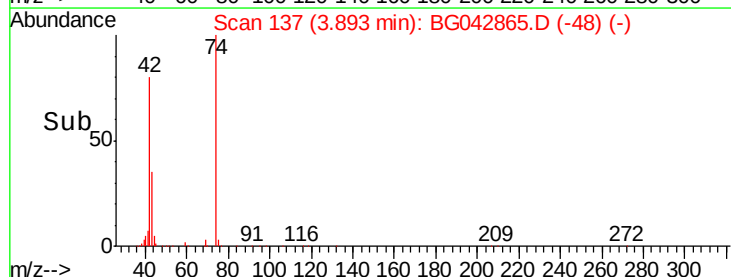
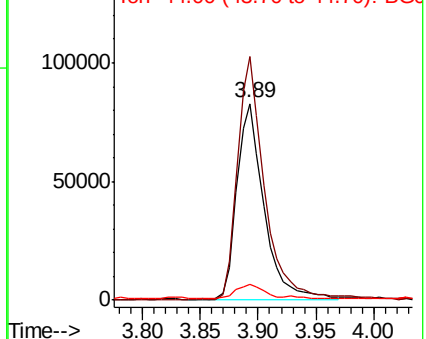
42 100

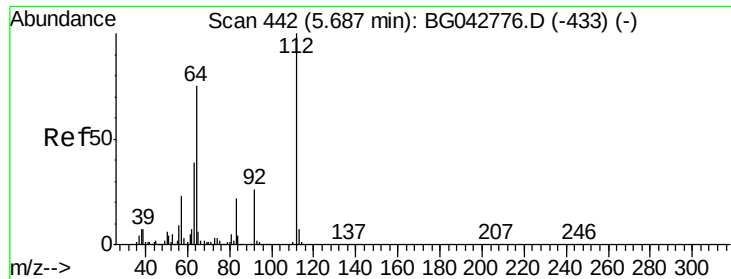
74 123.9 90.2 135.2

44 8.2 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 85.812 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

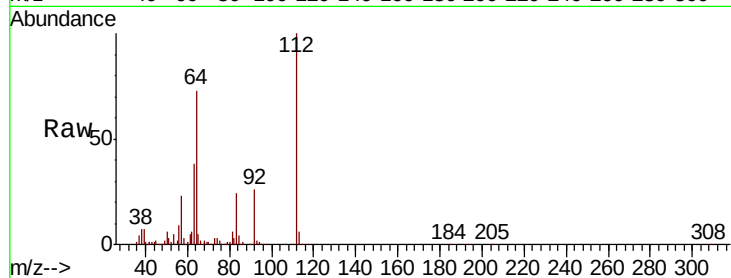
Tot Ion:112 Resp: 511527

Ion Ratio Lower Upper

112 100

64 73.1 60.2 90.2

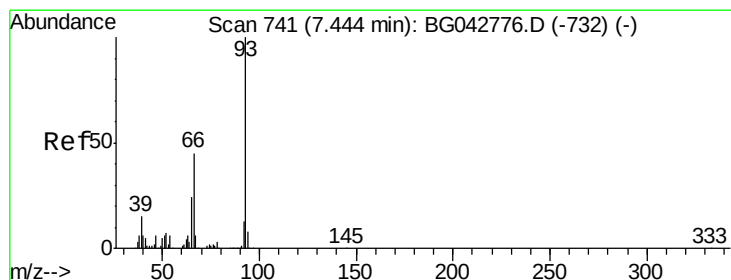
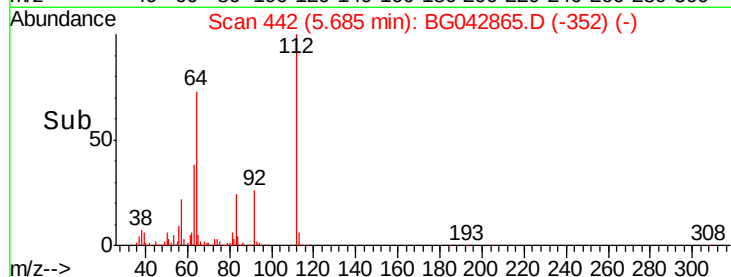
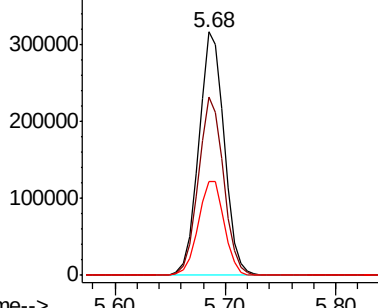
63 38.4 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.458 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

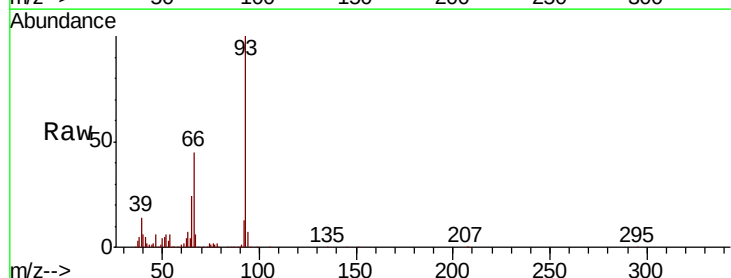
Tgt Ion: 93 Resp: 316969

Ion Ratio Lower Upper

93 100

66 44.8 36.3 54.5

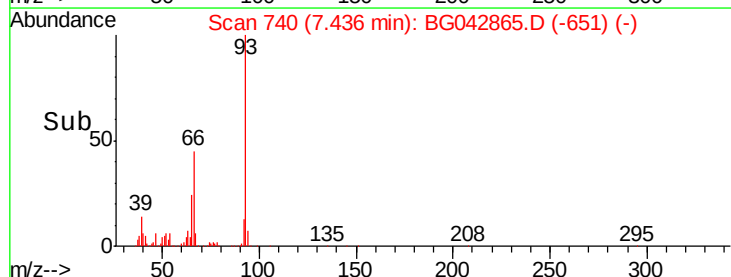
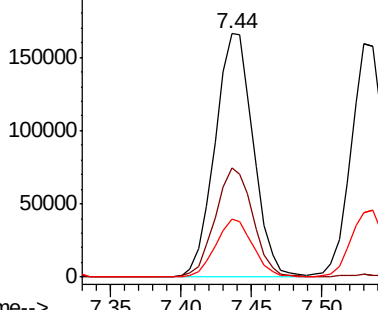
65 23.9 19.3 28.9

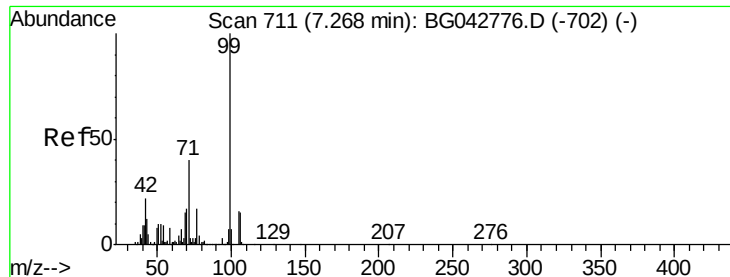


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.912 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

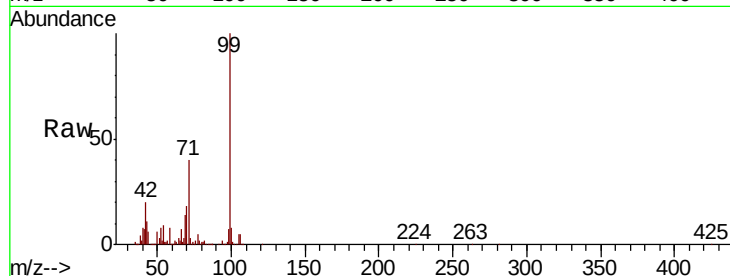
Tot Ion: 99 Resp: 769289

Ion Ratio Lower Upper

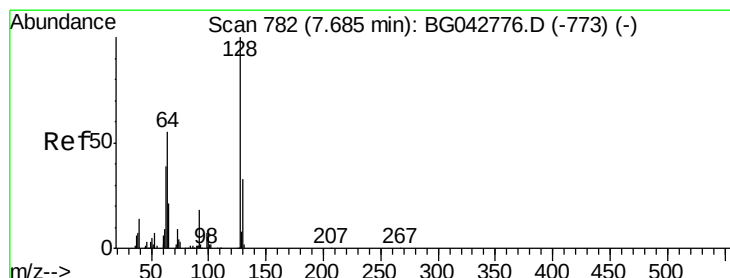
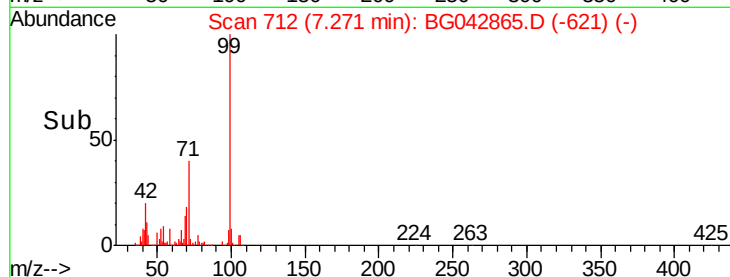
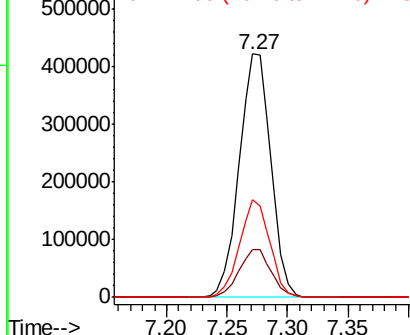
99 100

42 19.7 17.5 26.3

71 40.0 32.0 48.0



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



#8

2-Chlorophenol

Concen: 44.238 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

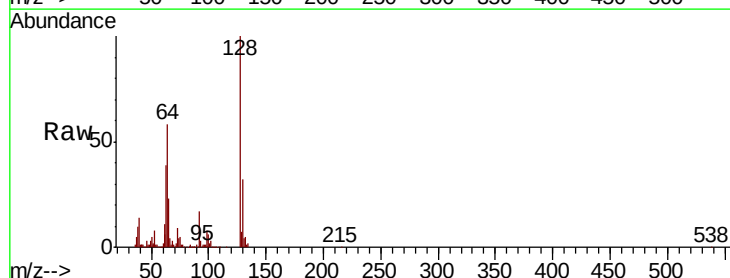
Tgt Ion: 128 Resp: 285048

Ion Ratio Lower Upper

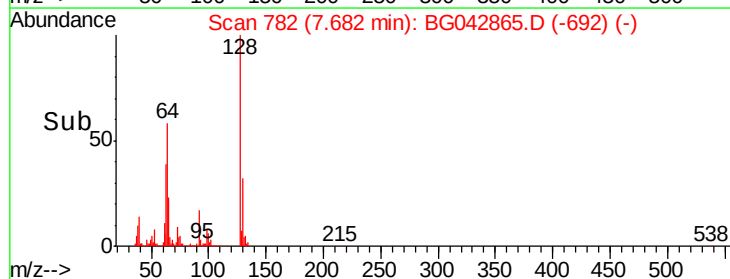
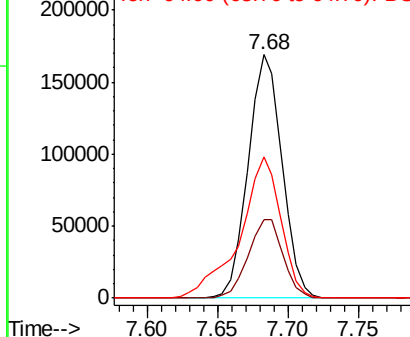
128 100

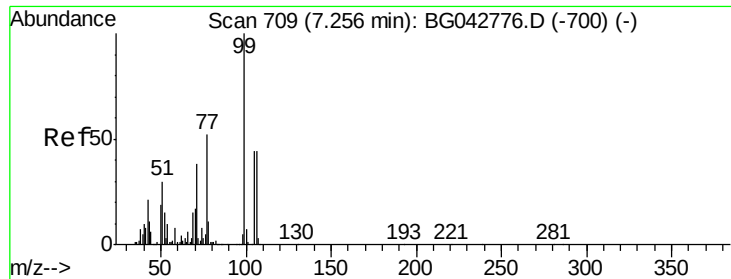
130 32.3 12.8 52.8

64 58.1 36.8 76.8



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





#9

Benzaldehyde

Concen: 35.291 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

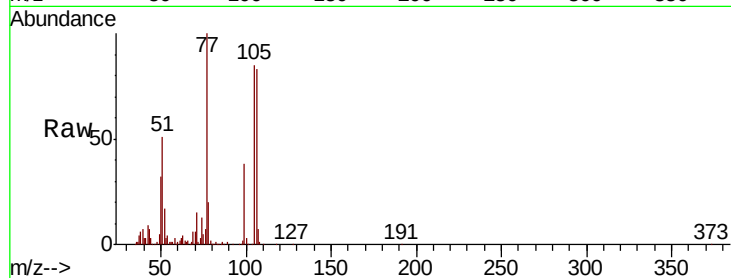
Tot Ion: 77 Resp: 196494

Ion Ratio Lower Upper

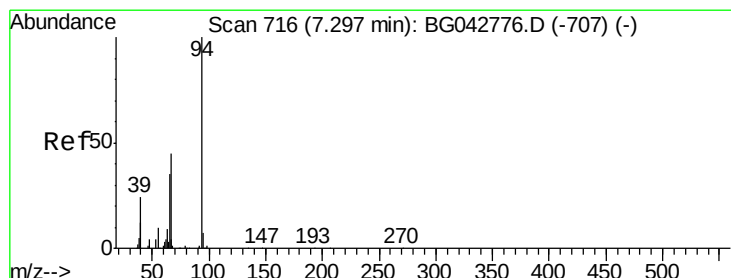
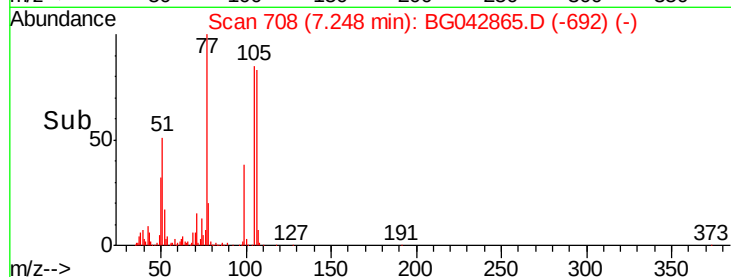
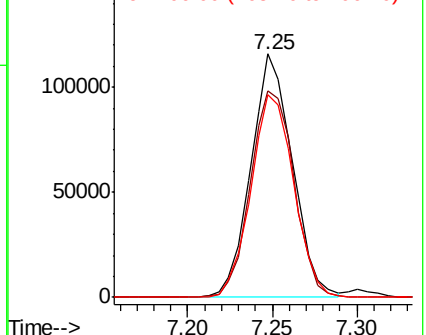
77 100

105 84.6 64.5 104.5

106 83.2 63.4 103.4



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: 46.771 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

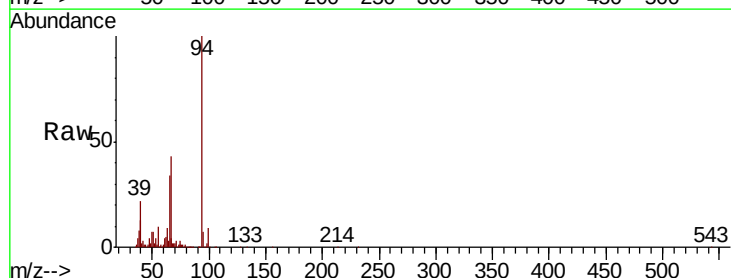
Tgt Ion: 94 Resp: 410389

Ion Ratio Lower Upper

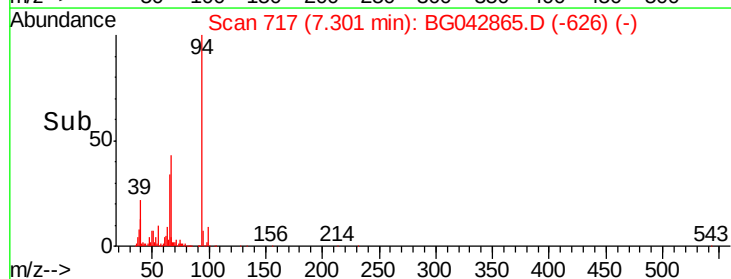
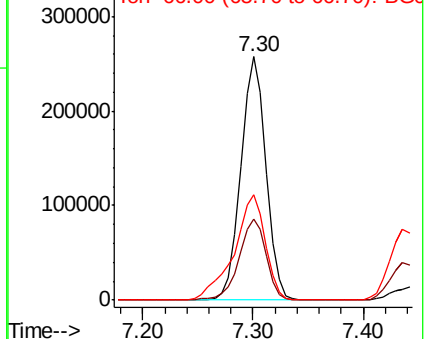
94 100

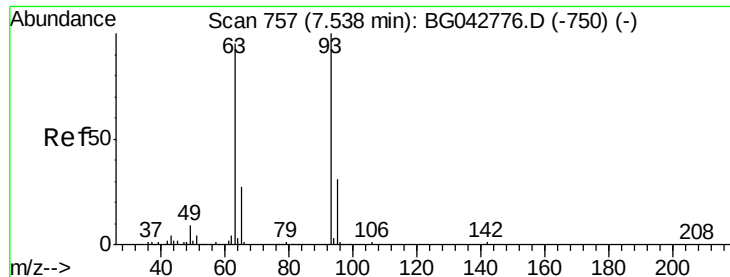
65 33.5 15.0 55.0

66 43.1 26.1 66.1



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

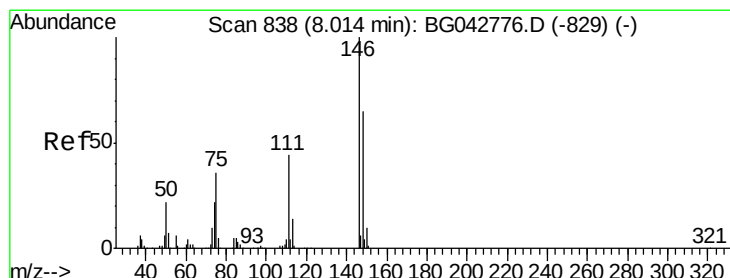
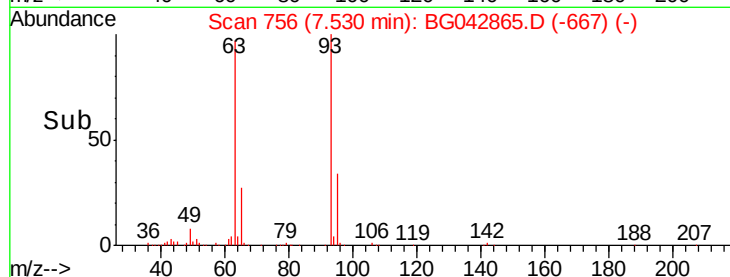
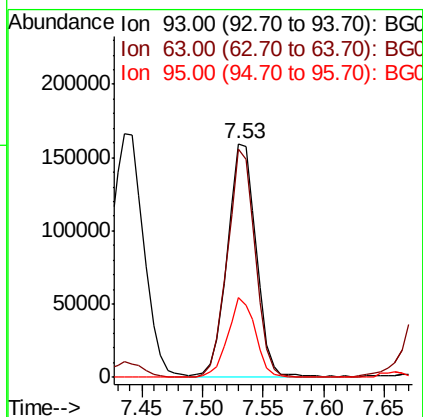
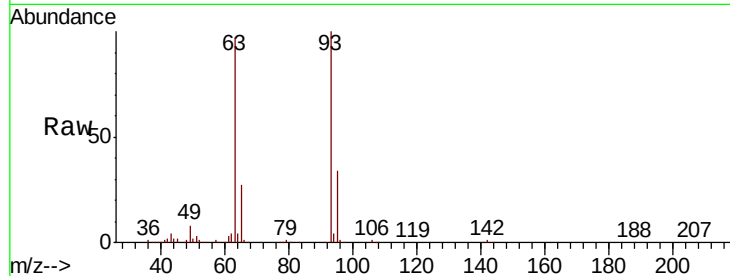




#11
 bis(2-Chloroethyl)ether
 Concen: 39.577 ng
 RT: 7.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

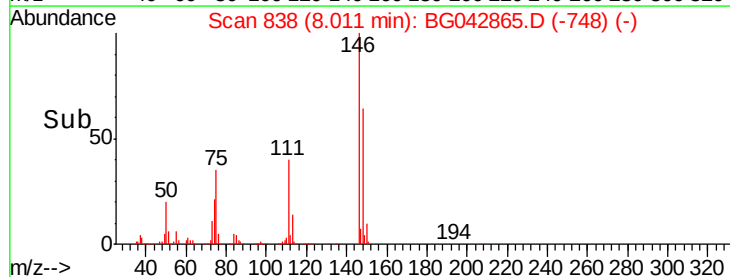
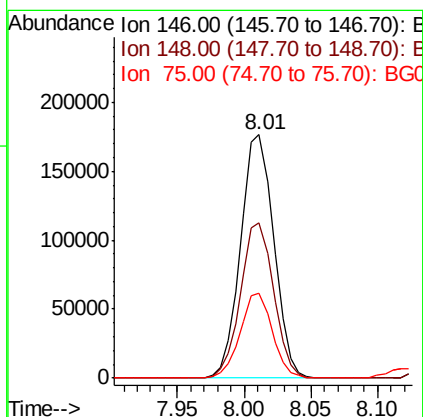
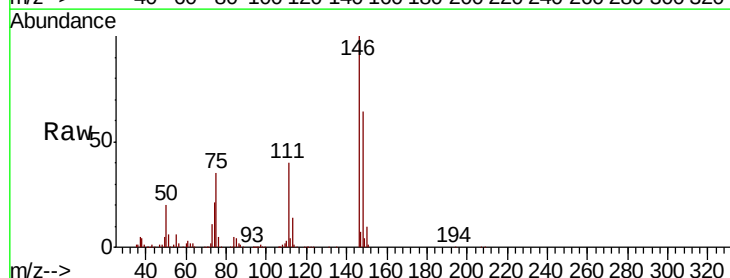
Instrument :
 BNA_G
 ClientSampleId :

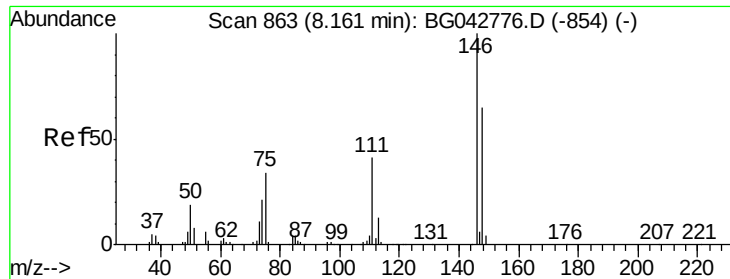
Tot Ion: 93 Resp: 266515
 Ion Ratio Lower Upper
 93 100
 63 97.4 74.7 114.7
 95 34.2 11.1 51.1



#12
 1,3-Dichlorobenzene
 Concen: 38.667 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion: 146 Resp: 303889
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 75 34.8 28.4 42.6

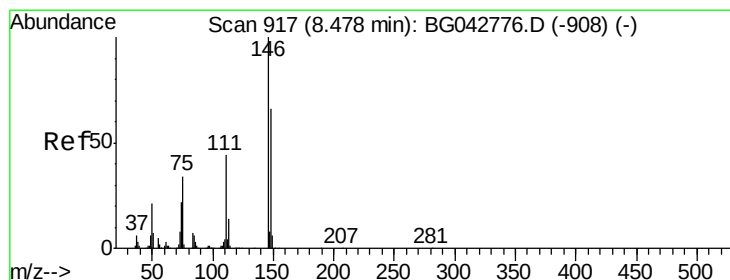
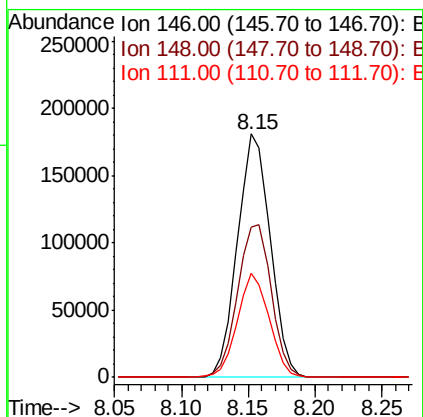
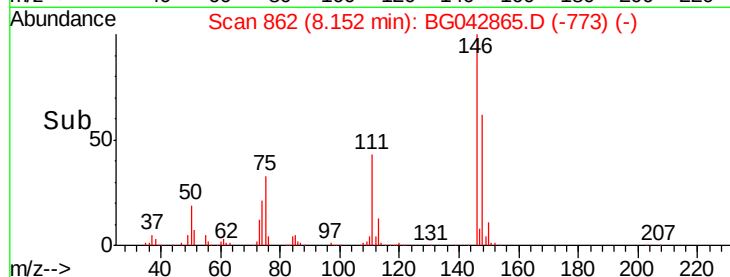
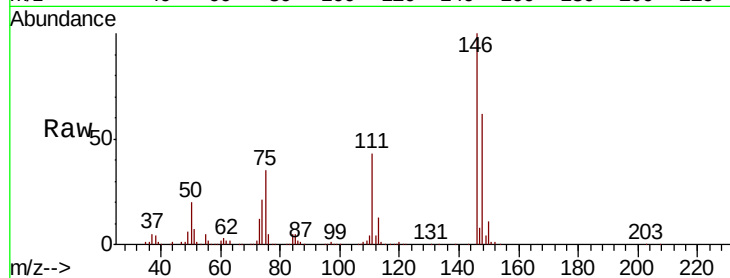




#13
 1,4-Dichlorobenzene
 Concen: 39.123 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

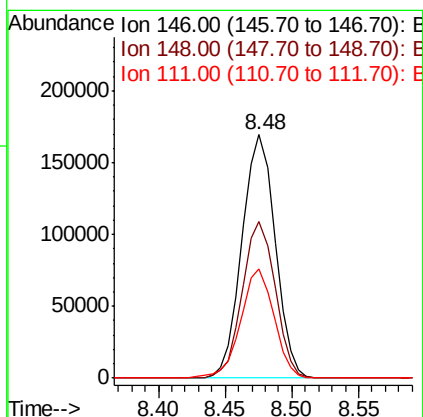
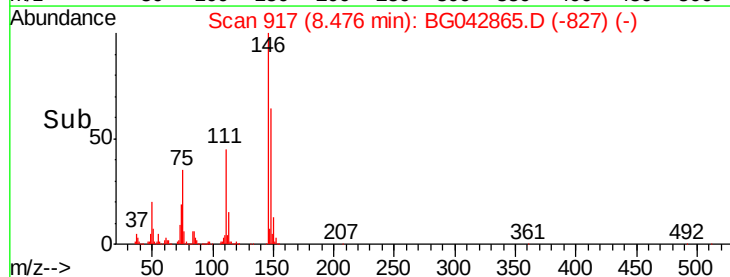
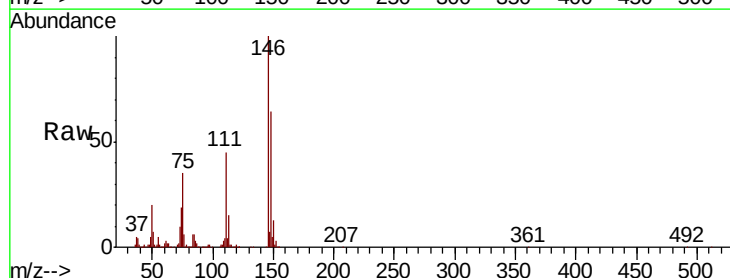
Instrument :
 BNA_G
 ClientSampleId :

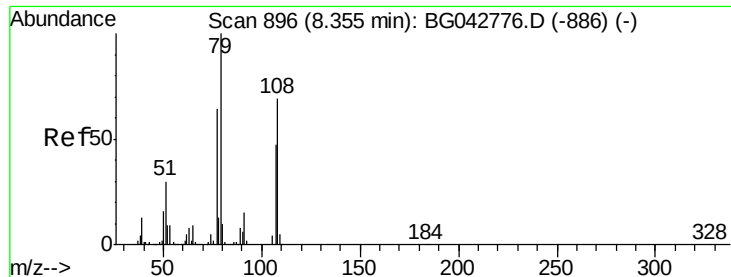
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.2	78.4
111	42.5	32.6	49.0



#14
 1,2-Dichlorobenzene
 Concen: 38.928 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.6	78.8
111	44.7	35.3	52.9





#15

Benzyl Alcohol

Concen: 40.647 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

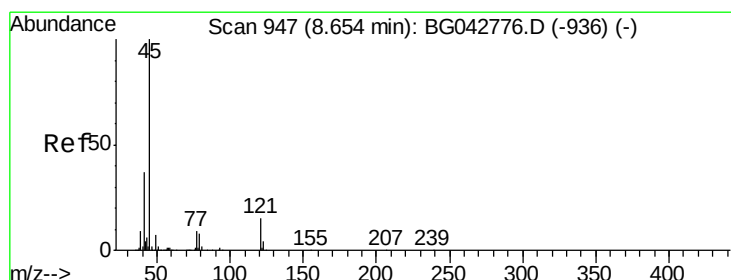
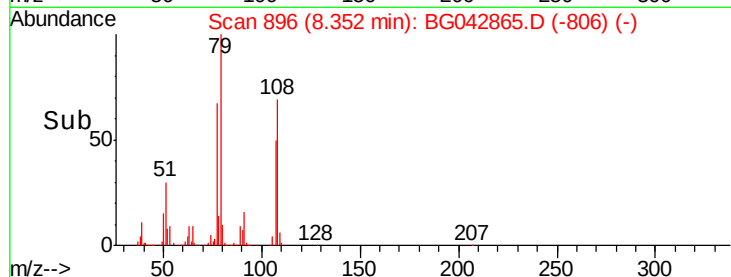
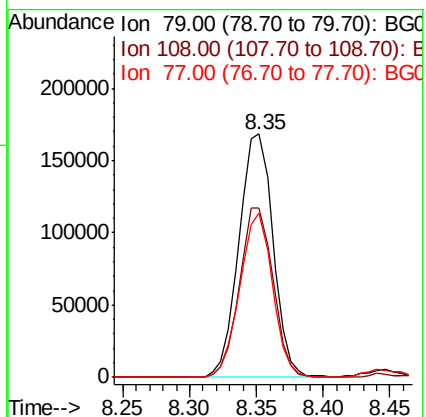
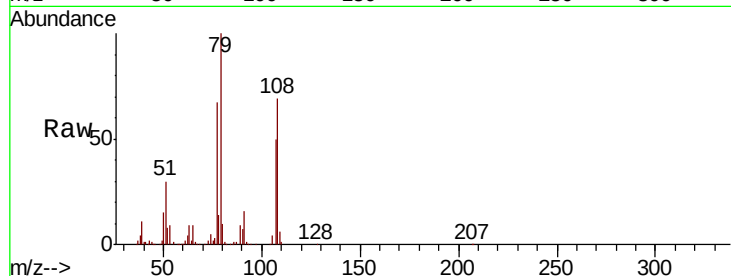
Tot Ion: 79 Resp: 298460

Ion Ratio Lower Upper

79 100

108 69.4 54.9 82.3

77 67.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.125 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

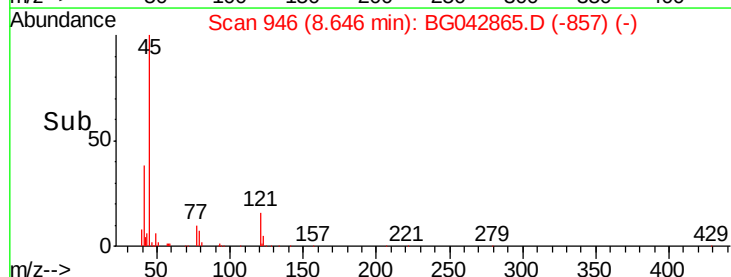
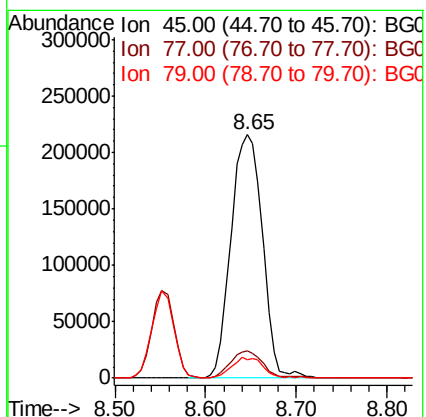
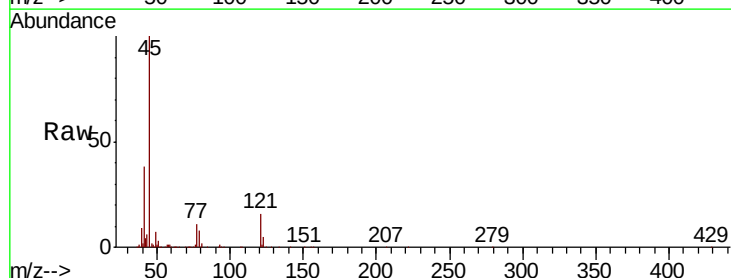
Tgt Ion: 45 Resp: 519435

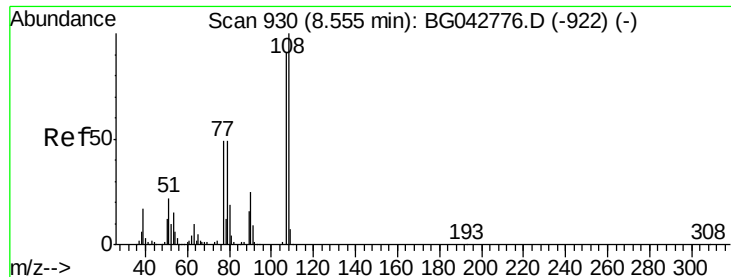
Ion Ratio Lower Upper

45 100

77 11.0 0.0 29.4

79 7.6 0.0 28.4





#17

2-Methylphenol

Concen: 42.838 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 251473

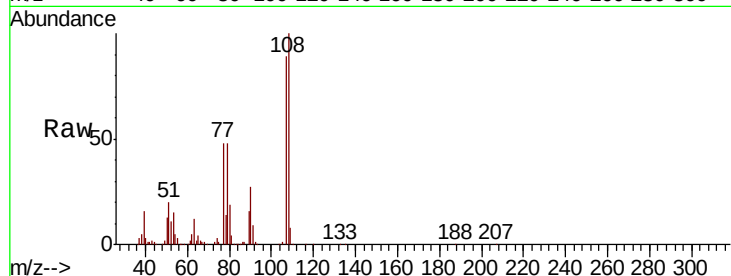
Ion Ratio Lower Upper

107 100

108 112.6 87.7 131.5

77 54.6 42.6 64.0

79 54.1 43.4 65.2

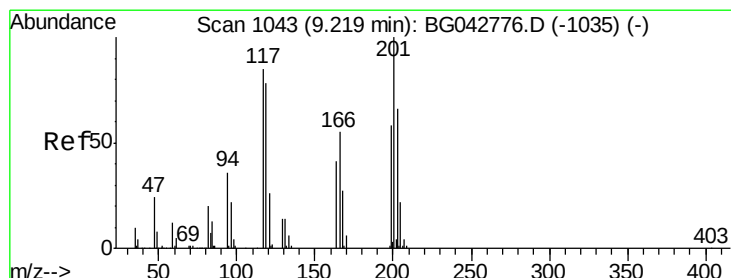
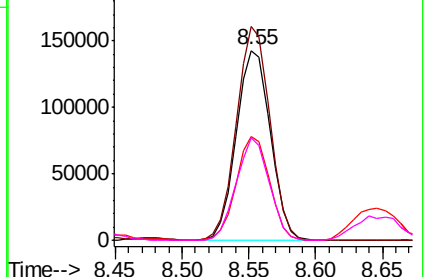
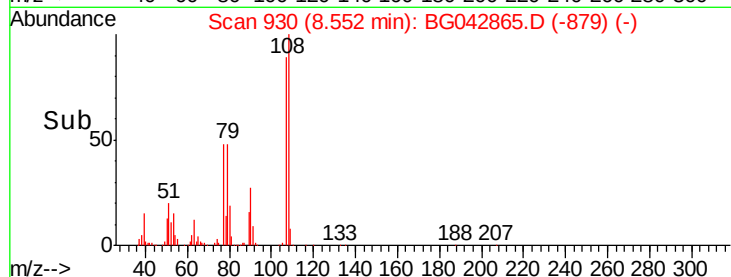


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.042 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

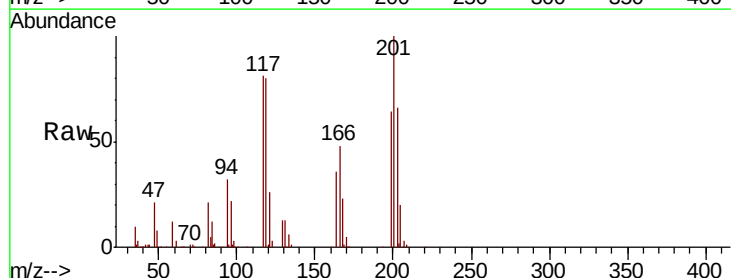
Tgt Ion:117 Resp: 113415

Ion Ratio Lower Upper

117 100

119 99.2 73.8 110.8

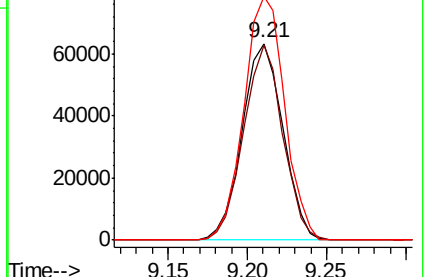
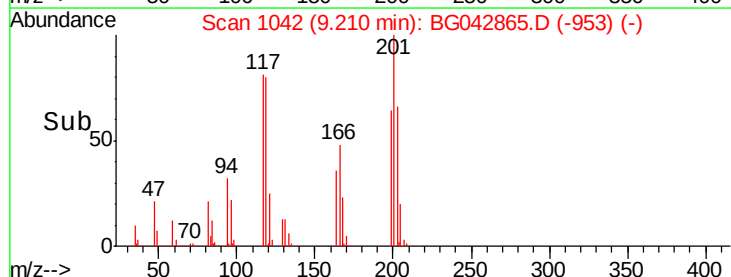
201 124.0 94.6 142.0

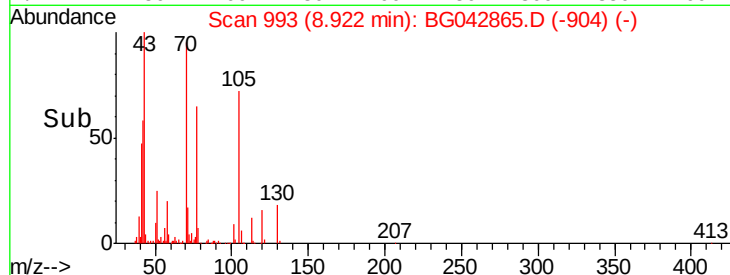
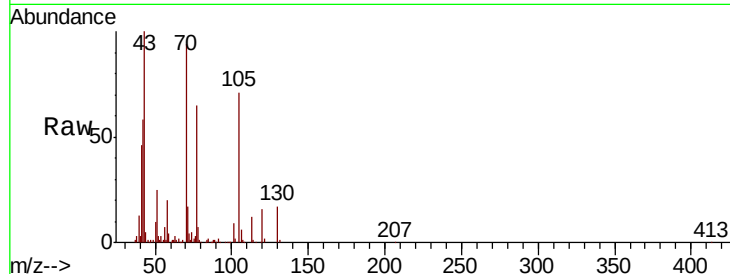
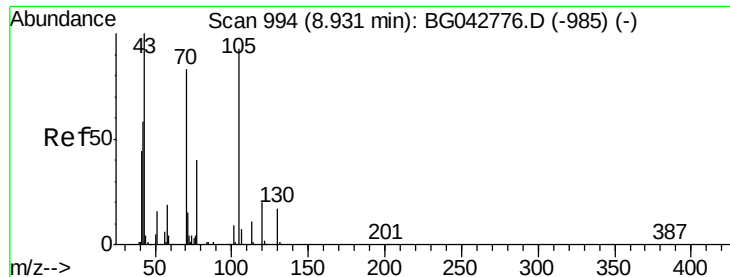


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

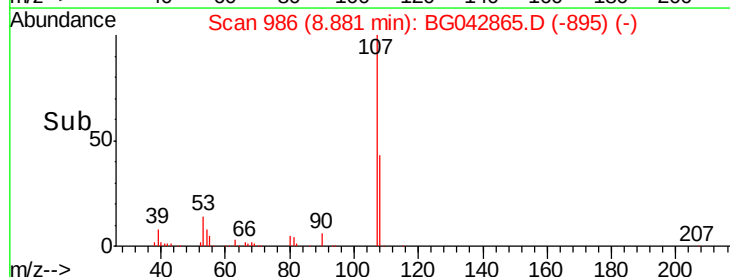
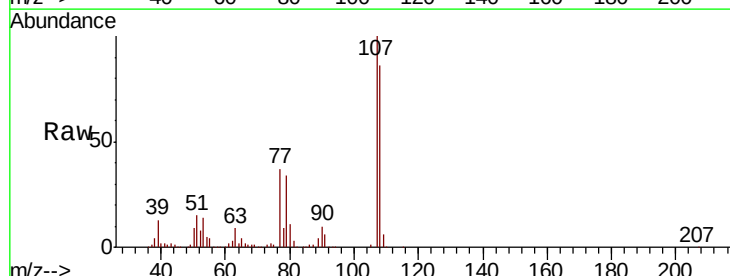
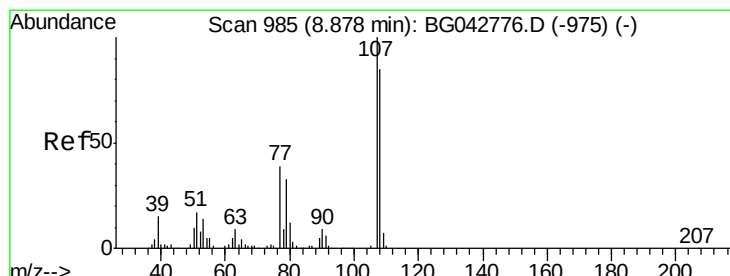
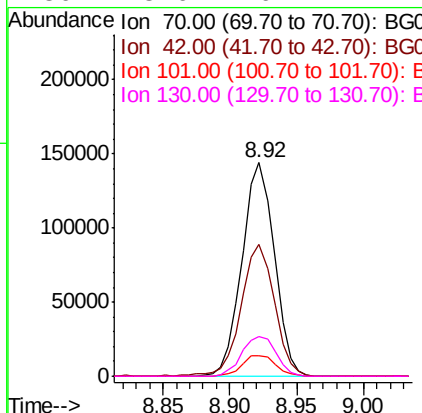




#19
n-Nitroso-di-n-propylamine
Concen: 38.339 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

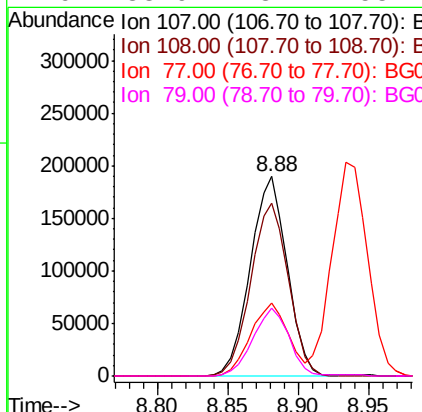
Instrument :
BNA_G
ClientSampleId :

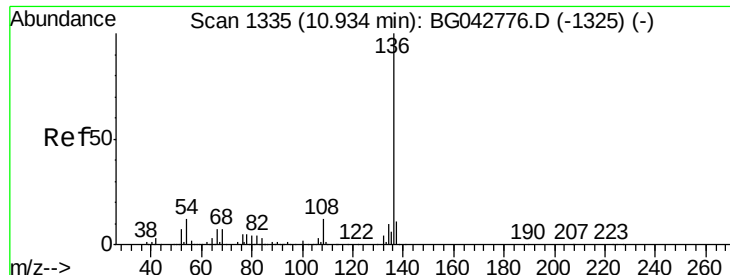
Tot Ion:	70	Resp:	241711
Ion	Ratio	Lower	Upper
70	100		
42	61.5	57.0	85.6
101	9.6	8.4	12.6
130	18.6	16.1	24.1



#20
3+4-Methylphenols
Concen: 43.023 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:	107	Resp:	348139
Ion	Ratio	Lower	Upper
107	100		
108	86.3	65.4	105.4
77	36.6	18.7	58.7
79	33.9	13.7	53.7

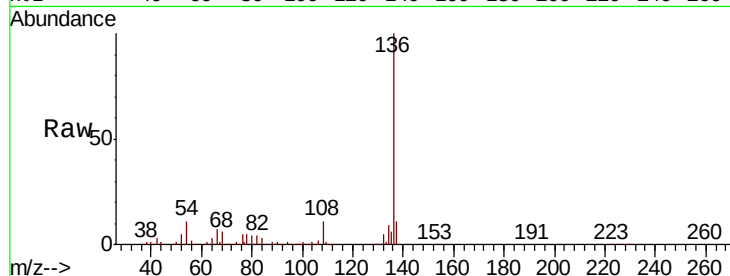




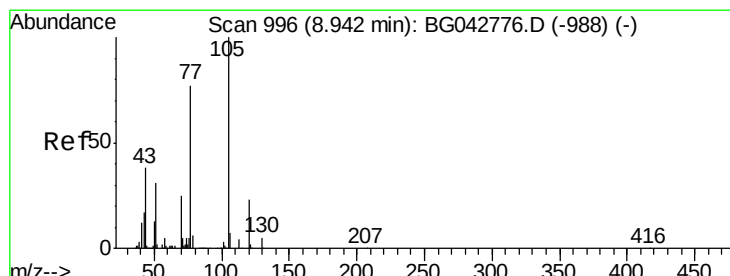
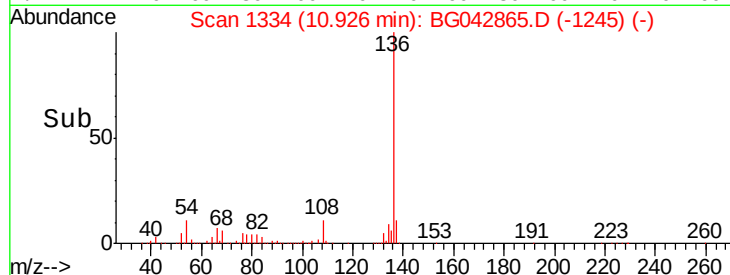
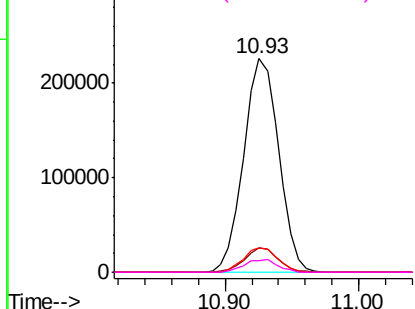
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	410085
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	11.1	9.4 14.0
68	5.7	5.4 8.2

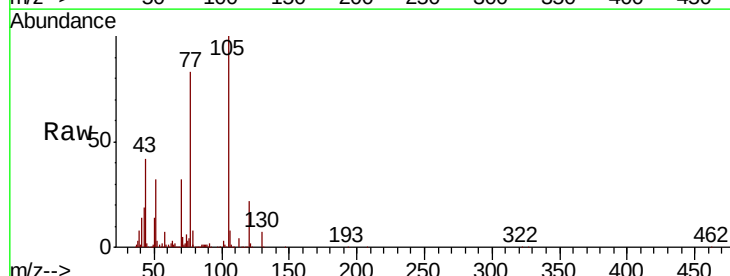


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

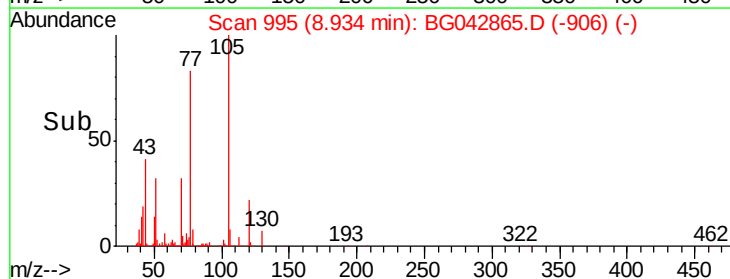
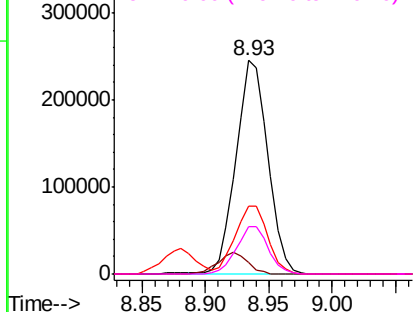


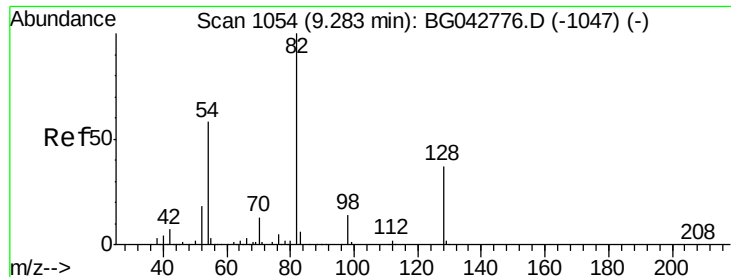
#22
Acetophenone
Concen: 41.147 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:105	Resp:	426149
Ion Ratio	Lower	Upper
105	100	
71	5.1	3.7 5.5
51	31.7	28.8 43.2
120	22.0	18.5 27.7



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

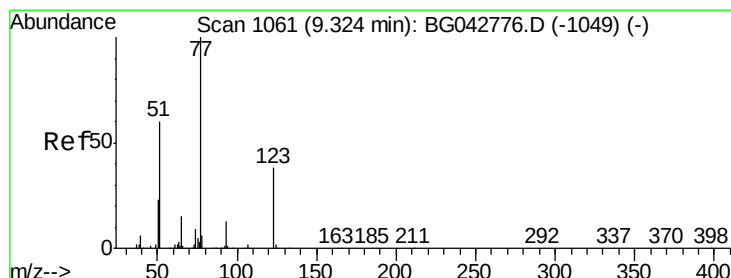
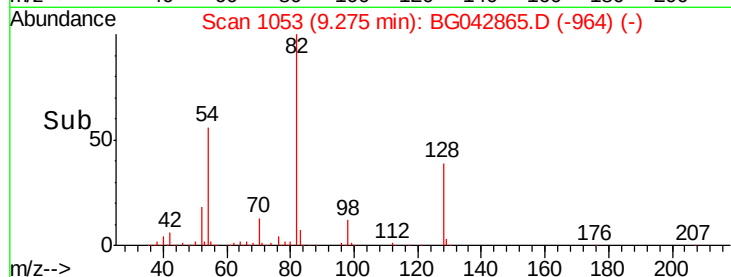
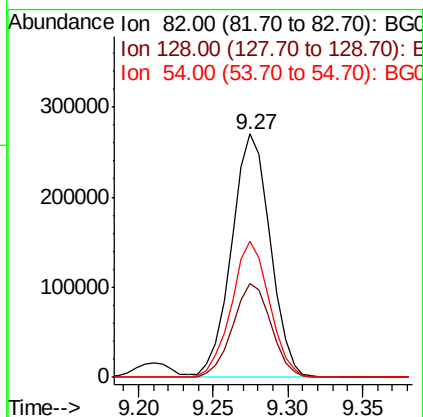
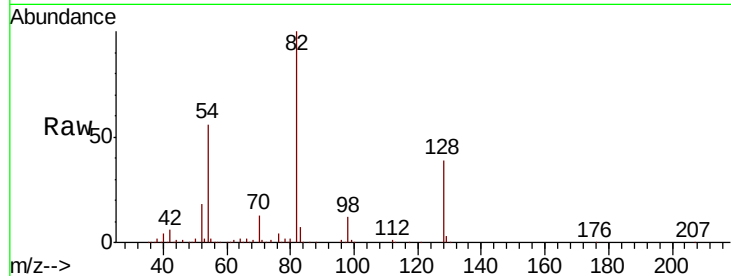




#23
 Nitrobenzene-d5
 Concen: 61.601 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

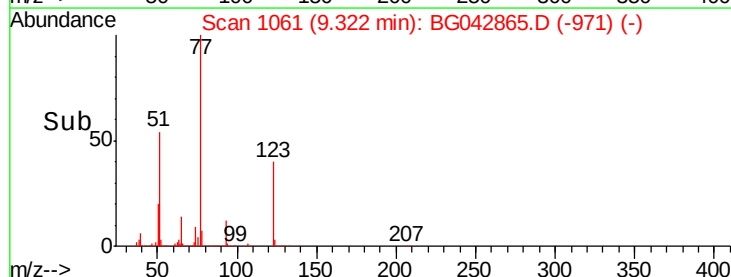
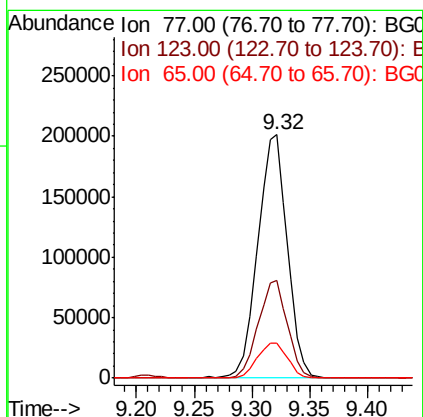
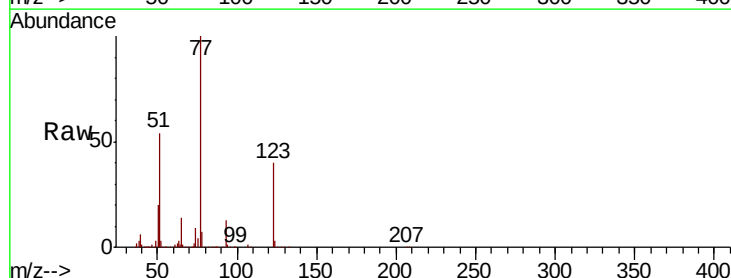
Instrument :
 BNA_G
 ClientSampleId :

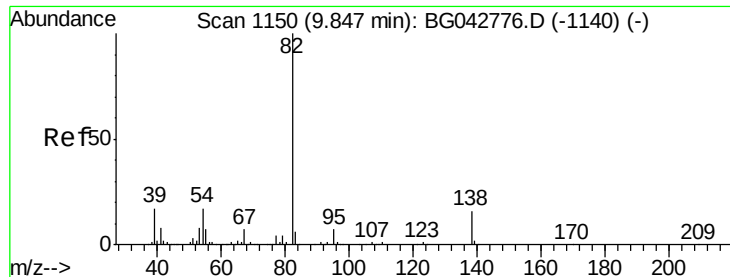
Tot Ion	82	Resp	485220
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.8	44.8
54	56.1	46.1	69.1



#24
 Nitrobenzene
 Concen: 43.454 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	77	Resp	359273
Ion	Ratio	Lower	Upper
77	100		
123	40.2	30.7	46.1
65	14.5	12.2	18.4





#25

Isophorone

Concen: 39.708 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

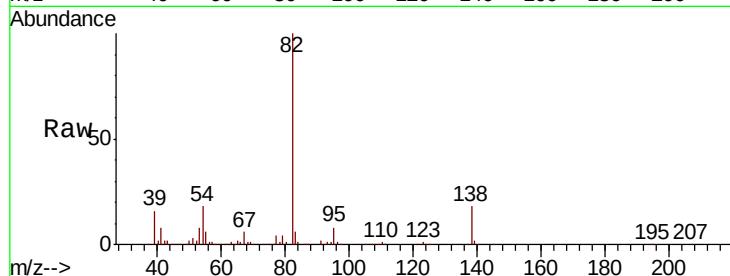
Tot Ion: 82 Resp: 651951

Ion Ratio Lower Upper

82 100

95 8.1 5.8 8.8

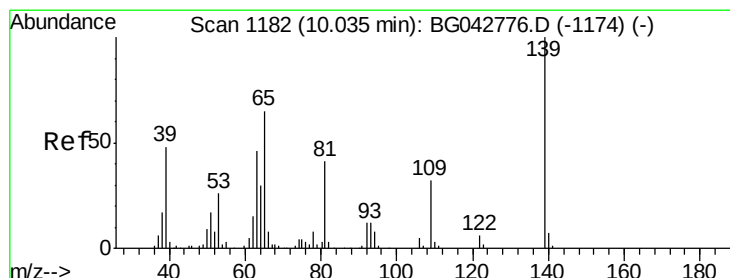
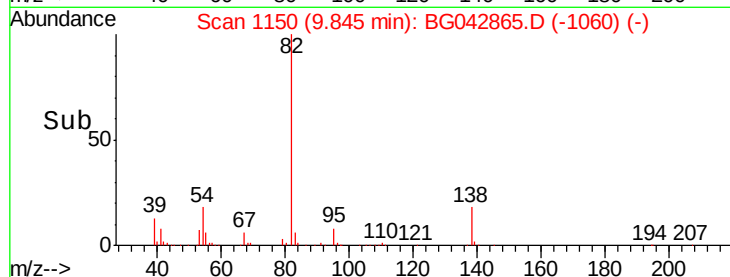
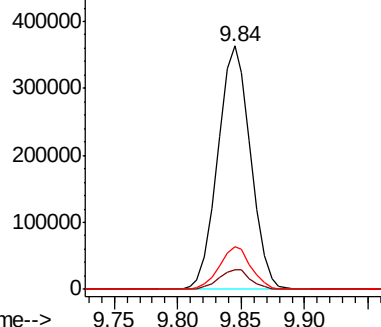
138 17.6 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BG042776.D (-1140) (-)

Ion 95.00 (94.70 to 95.70): BG042776.D (-1140) (-)

Ion 138.00 (137.70 to 138.70): BG042776.D (-1140) (-)



#26

2-Nitrophenol

Concen: 51.326 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

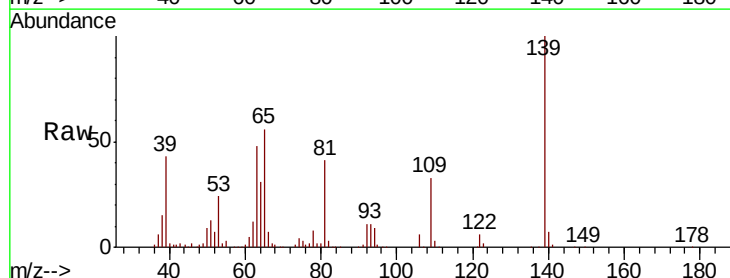
Tgt Ion: 139 Resp: 166869

Ion Ratio Lower Upper

139 100

109 32.7 25.8 38.8

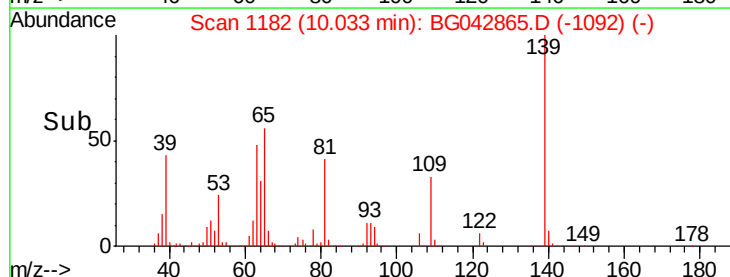
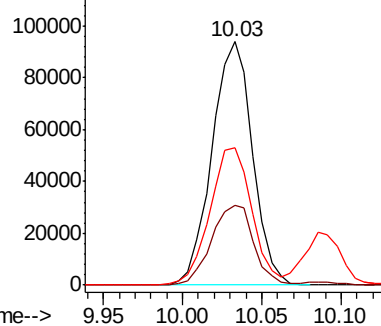
65 56.2 52.2 78.2

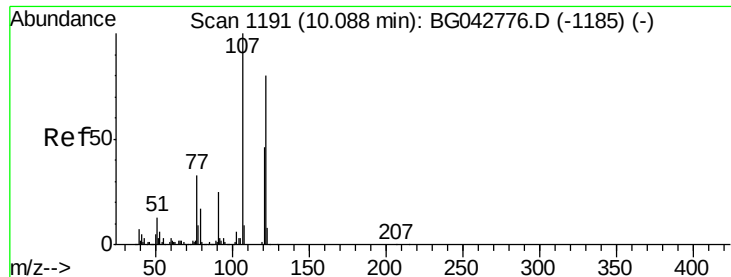


Abundance Ion 139.00 (138.70 to 139.70): BG042776.D (-1174) (-)

Ion 109.00 (108.70 to 109.70): BG042776.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): BG042776.D (-1174) (-)

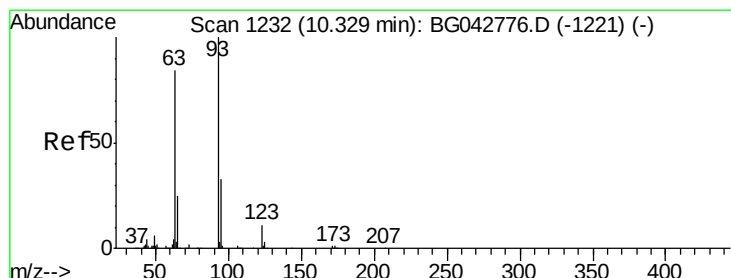
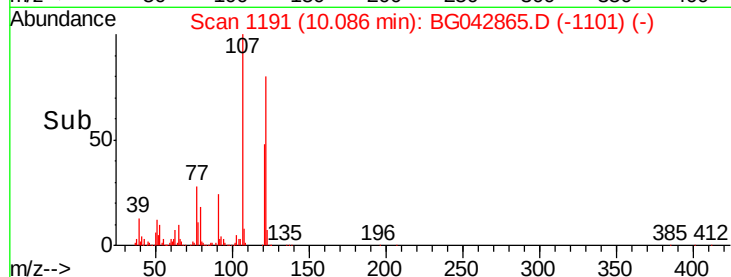
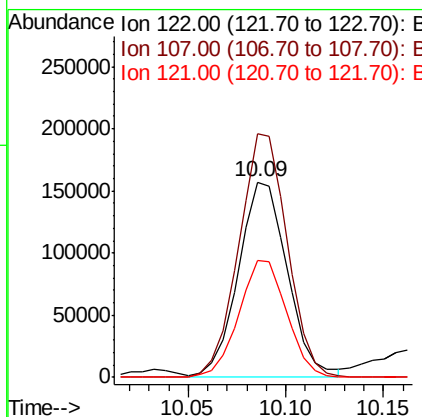
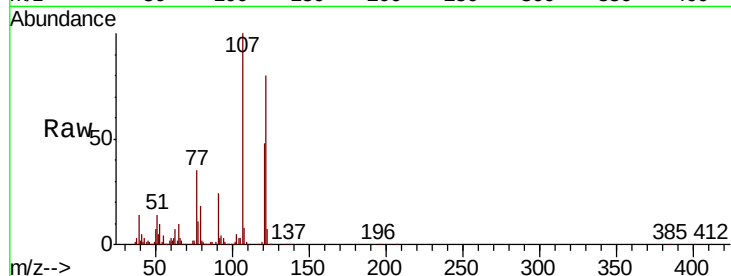




#27
2,4-Dimethylphenol
Concen: 47.520 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

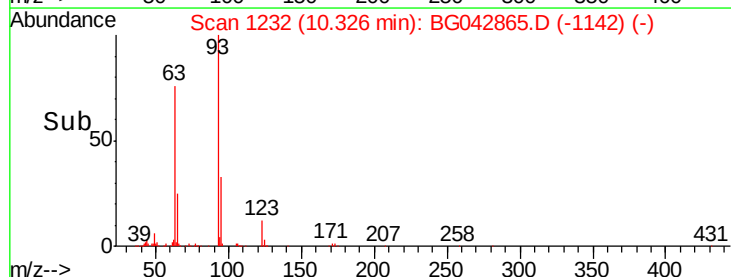
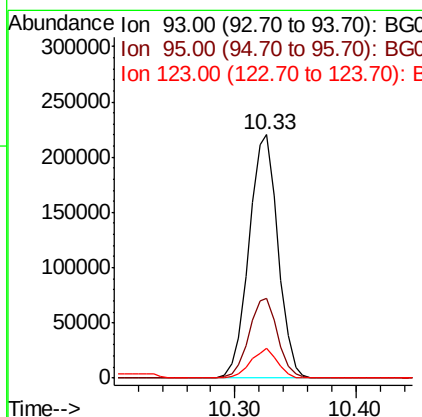
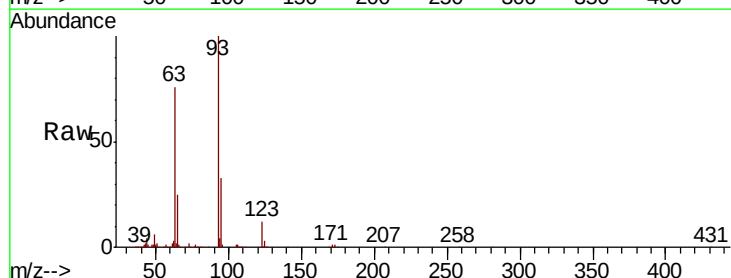
Instrument :
BNA_G
ClientSampled :

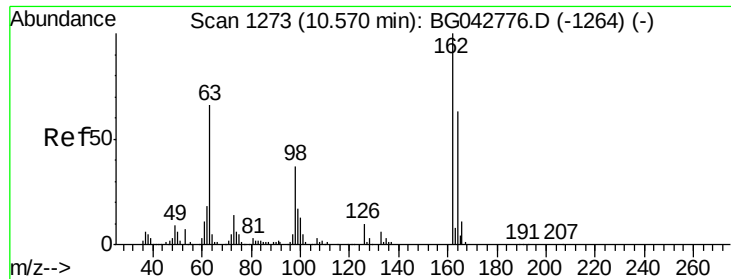
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.9	98.9	148.3
121	60.1	46.2	69.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.135 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	12.0	9.0	13.6

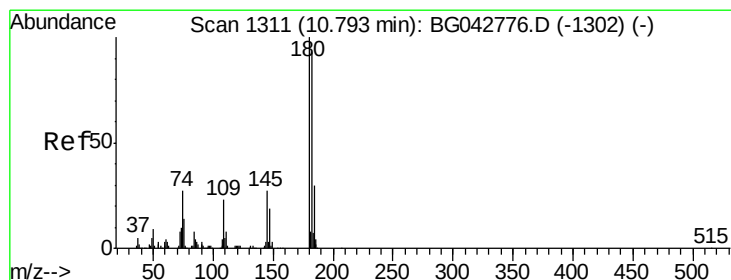
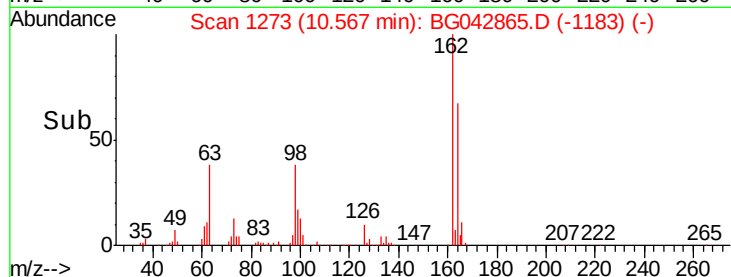
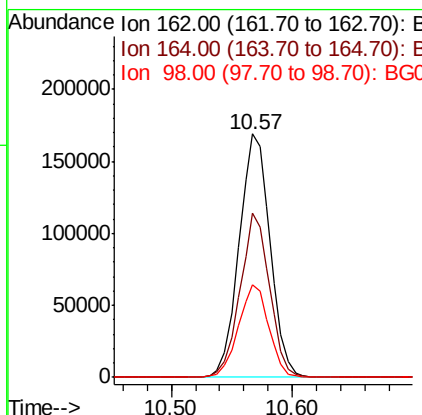
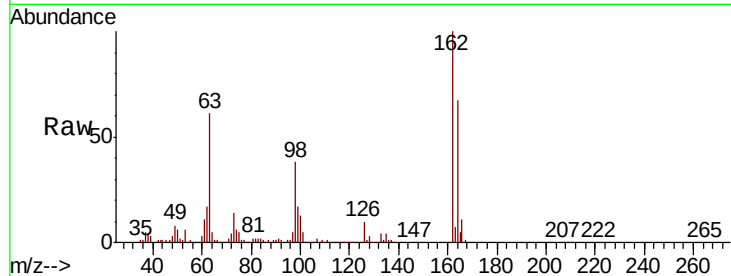




#29
2,4-Dichlorophenol
Concen: 45.065 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

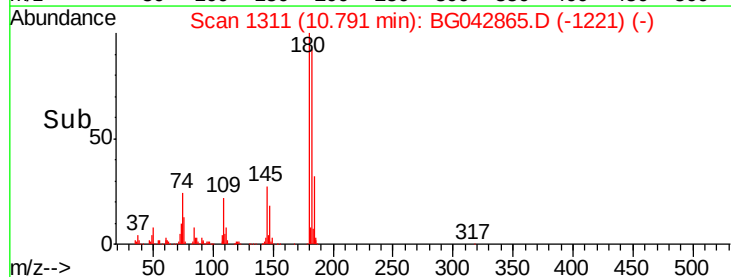
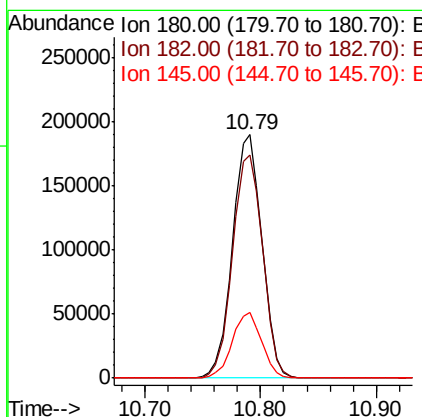
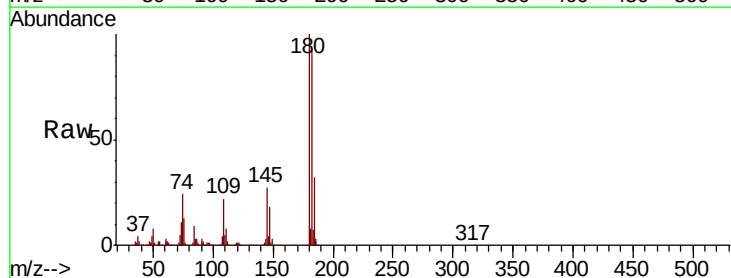
Instrument :
BNA_G
ClientSampleId :

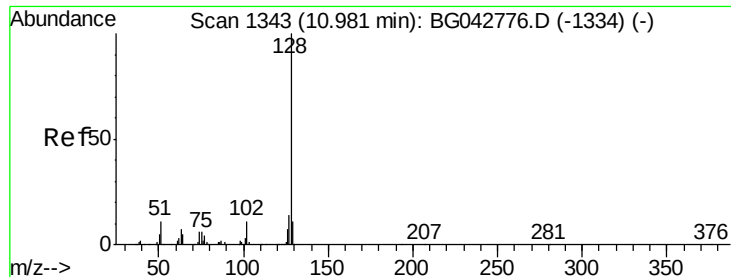
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	43.4	83.4
98	38.2	17.0	57.0



#30
1,2,4-Trichlorobenzene
Concen: 40.999 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	74.6	112.0
145	26.8	21.8	32.6

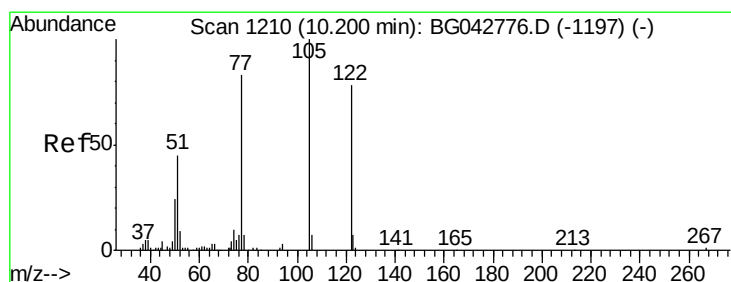
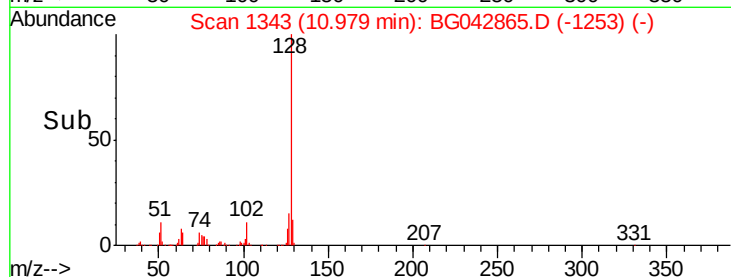
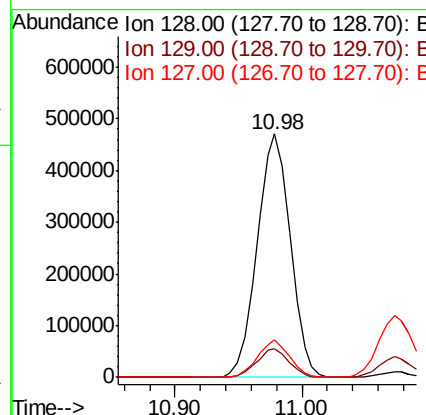
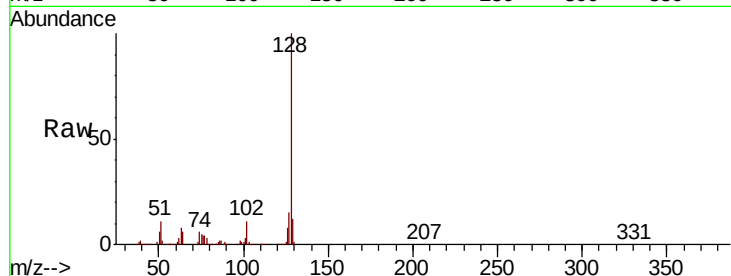




#31
Naphthalene
Concen: 42.312 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

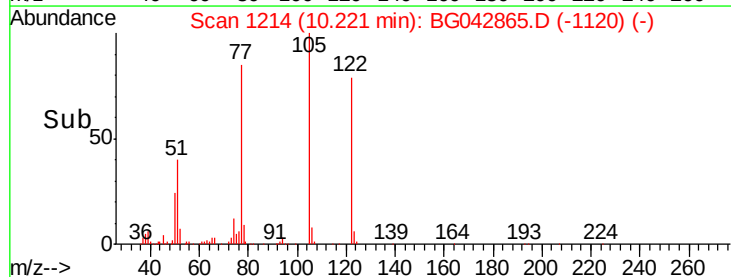
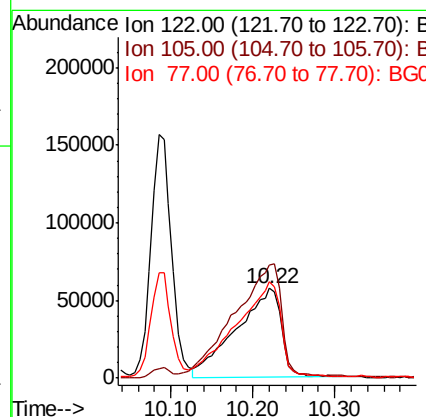
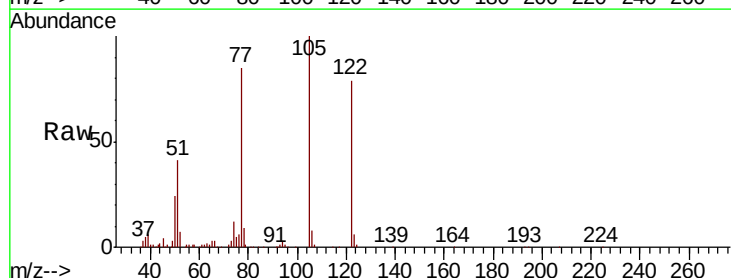
Instrument :
BNA_G
ClientSampleId :

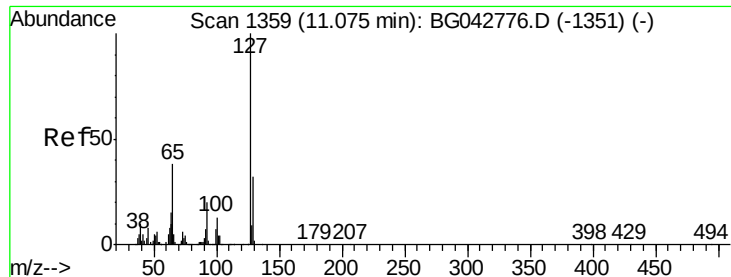
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	15.3	11.4	17.2



#32
Benzoic acid
Concen: 47.085 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.5	104.0	144.0
77	107.3	84.2	124.2

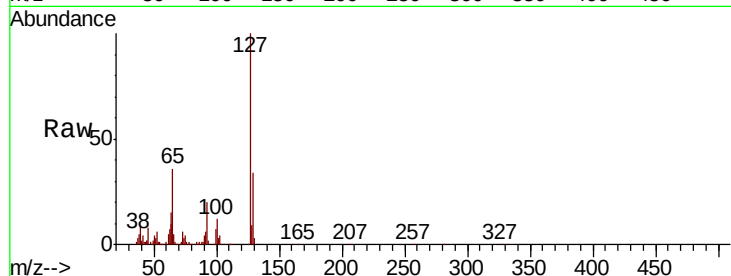




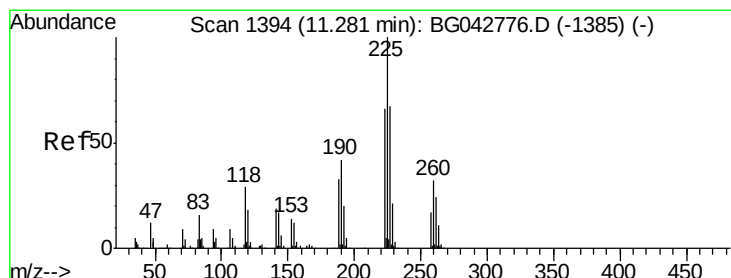
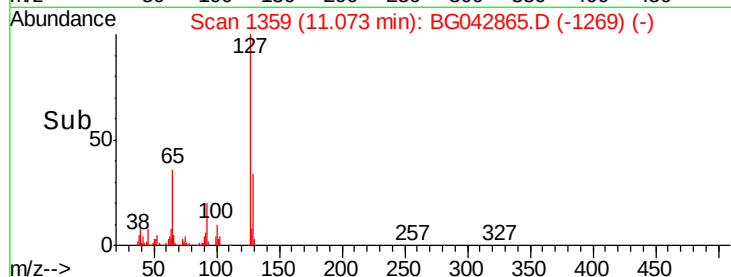
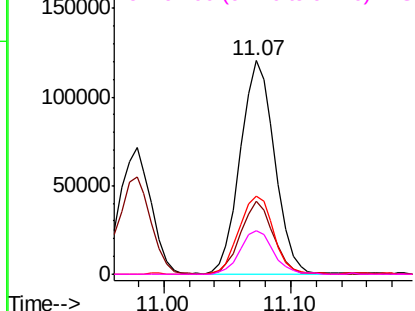
#33
4-Chloroaniline
Concen: 24.029 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	227404
Ion Ratio	Lower	Upper
127	100	
129	34.0	25.8 38.6
65	36.4	30.5 45.7
92	20.3	15.9 23.9

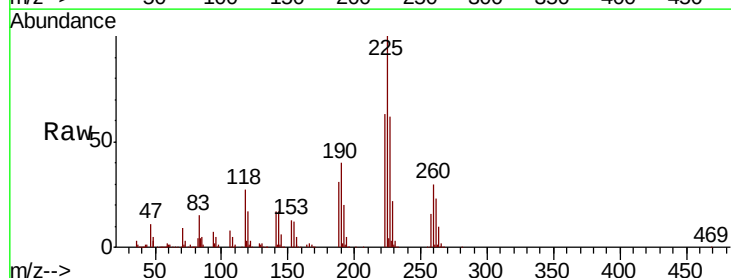


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

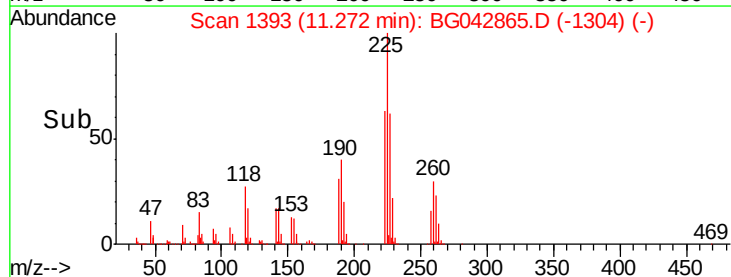
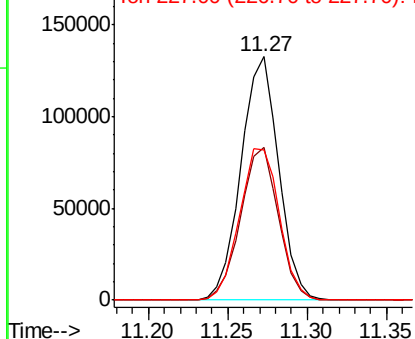


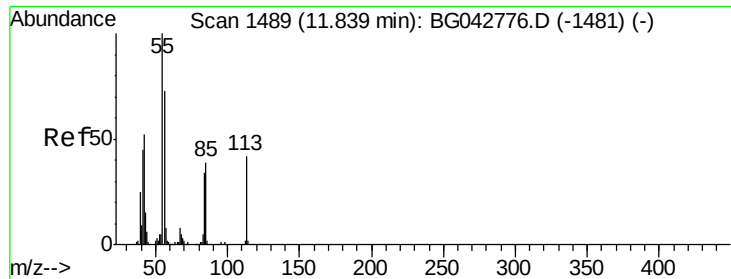
#34
Hexachlorobutadiene
Concen: 38.212 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:225	Resp:	218451
Ion Ratio	Lower	Upper
225	100	
223	62.8	52.6 79.0
227	61.6	53.6 80.4



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: 28.744 ng

RT: 11.85 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

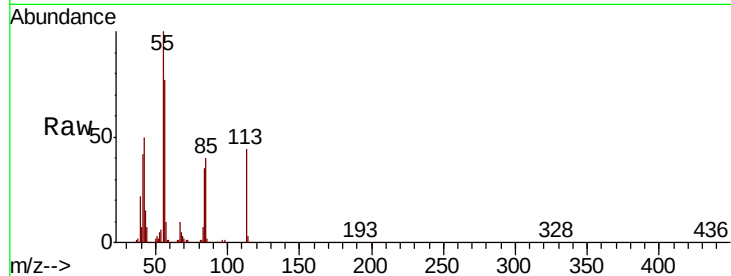
Tot Ion:113 Resp: 71435

Ion Ratio Lower Upper

113 100

55 227.5 218.4 258.4

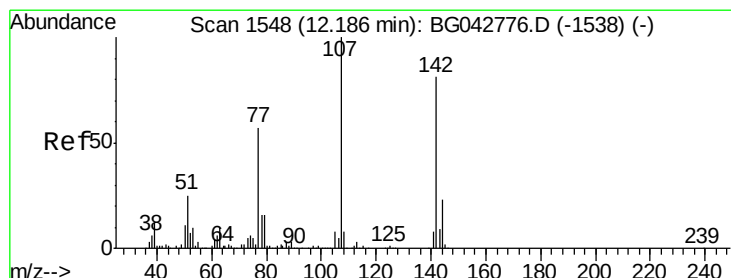
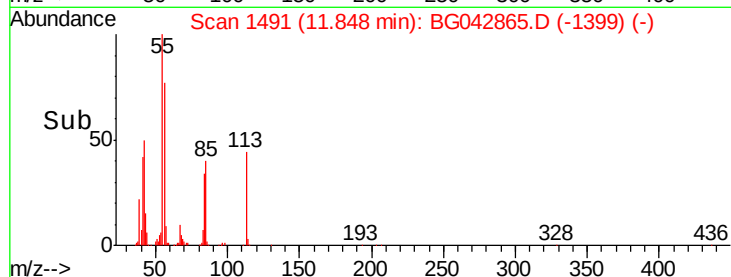
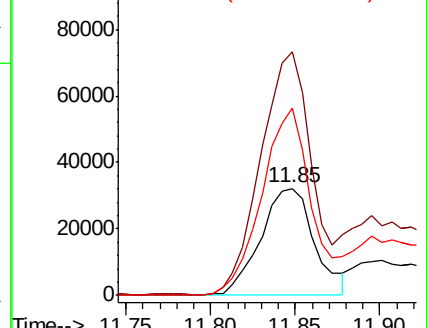
56 174.5 154.8 194.8



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: 45.110 ng

RT: 12.19 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

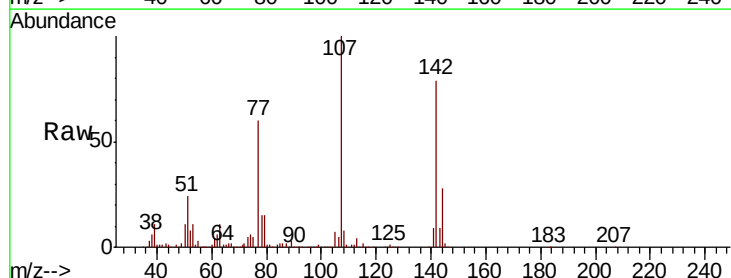
Tgt Ion:107 Resp: 327328

Ion Ratio Lower Upper

107 100

144 28.0 18.7 28.1

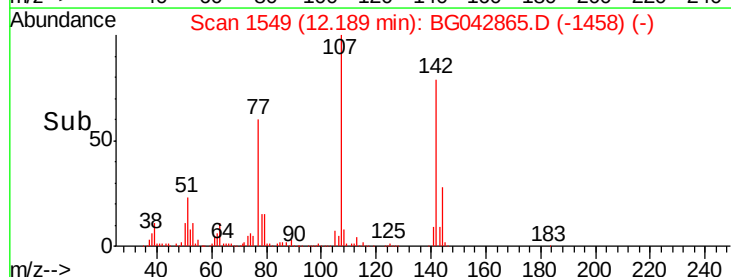
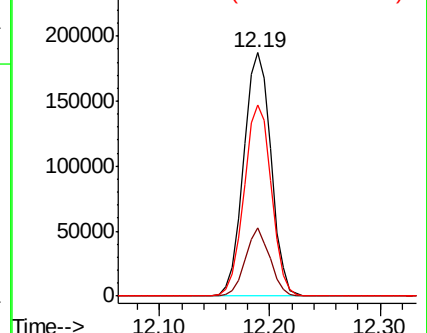
142 78.6 65.0 97.4

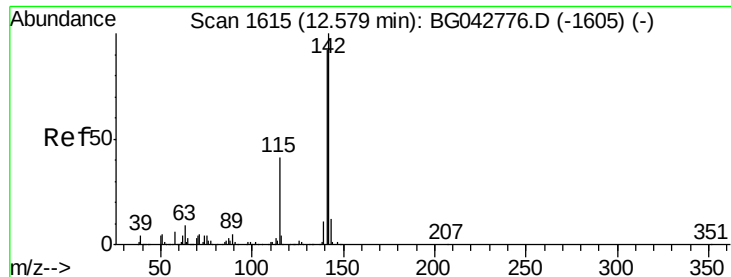


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

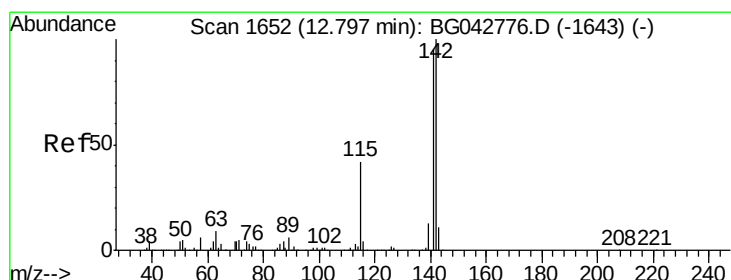
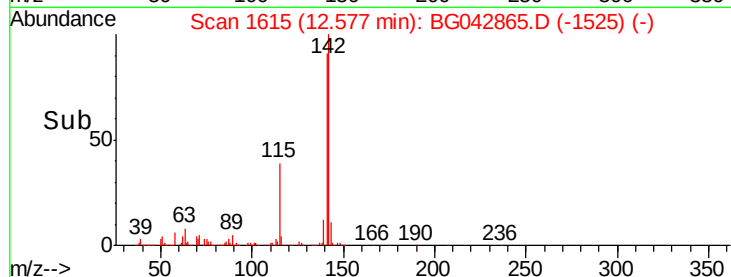
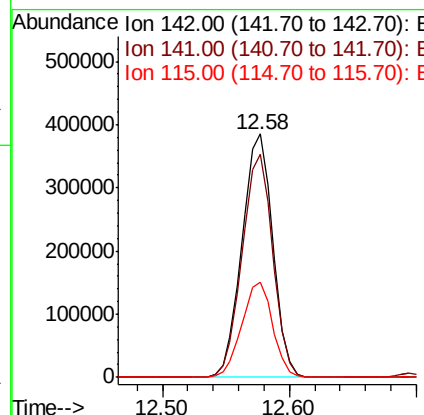
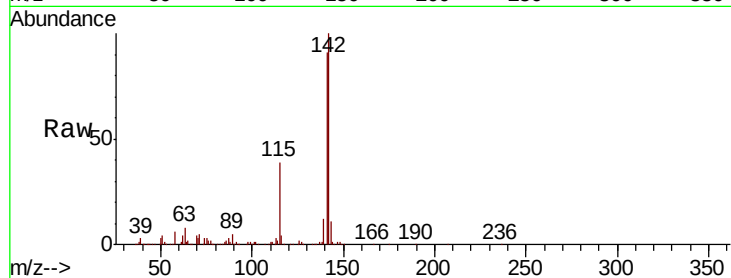




#37
2-Methylnaphthalene
Concen: 42.692 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

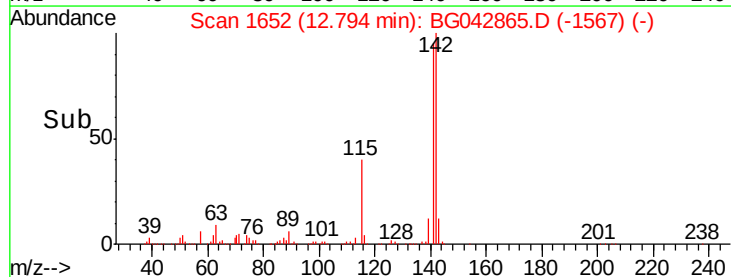
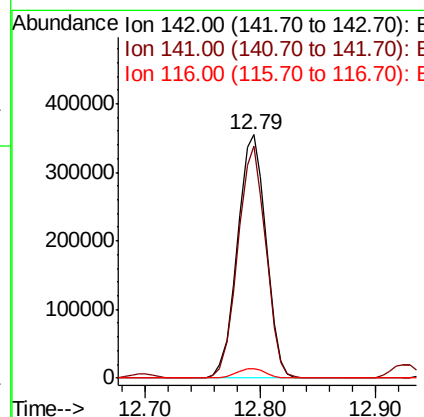
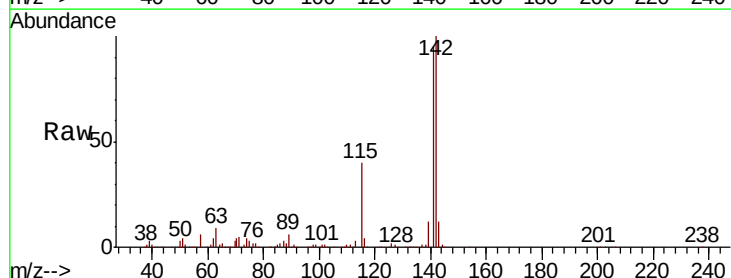
Instrument :
BNA_G
ClientSampled :

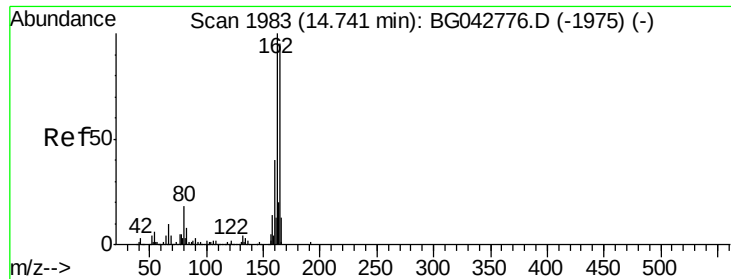
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.8	110.8
115	39.3	33.0	49.4



#38
1-Methylnaphthalene
Concen: 42.611 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	76.3	114.5
116	4.1	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

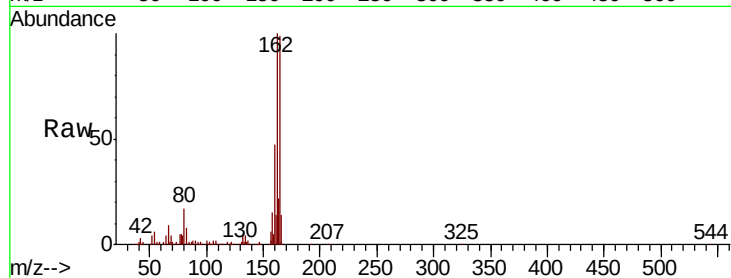
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 280495

Ion	Ratio	Lower	Upper
164	100		
162	100.5	84.6	126.8
160	47.1	34.2	51.2

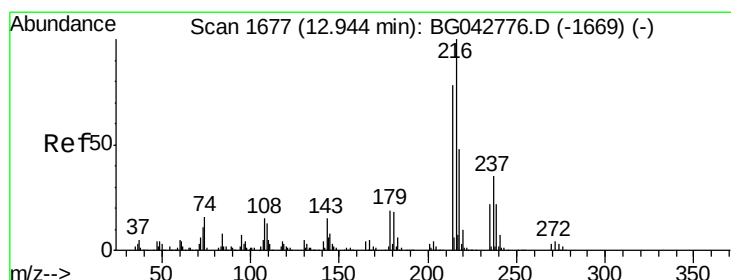
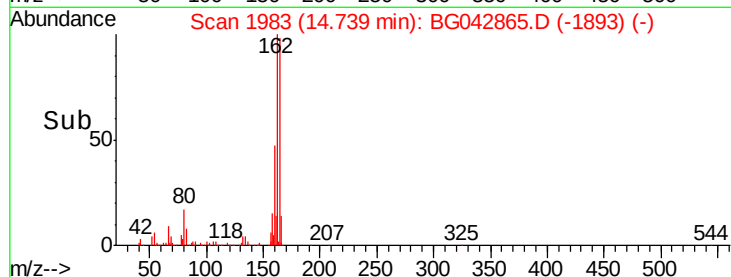
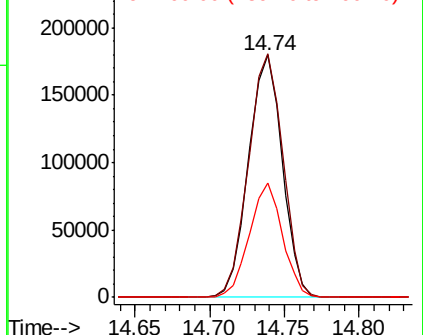


Abundance

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: 42.827 ng

RT: 12.94 min Scan# 1677

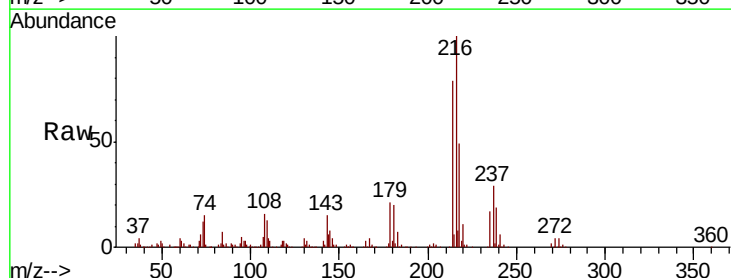
Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:216 Resp: 396953

Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.8	94.2
179	20.5	15.3	22.9
108	16.9	12.9	19.3



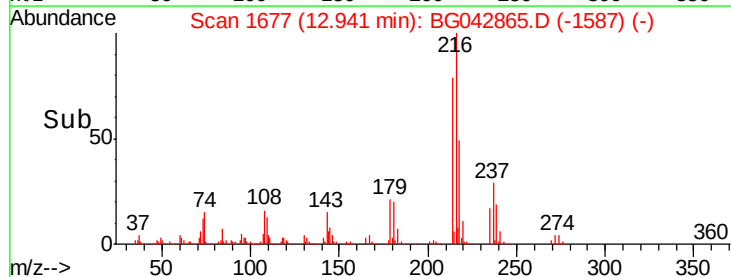
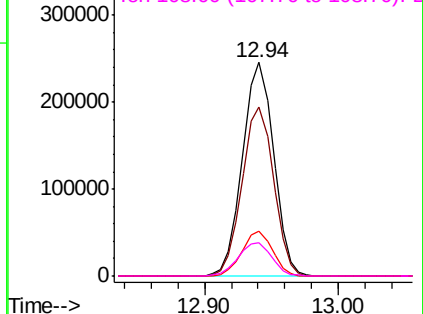
Abundance

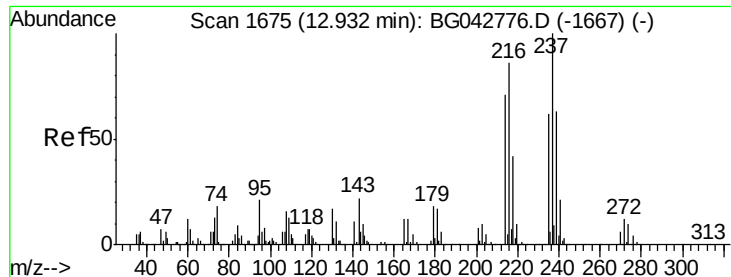
Ion 216.00 (215.70 to 216.70): E

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: 61.726 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

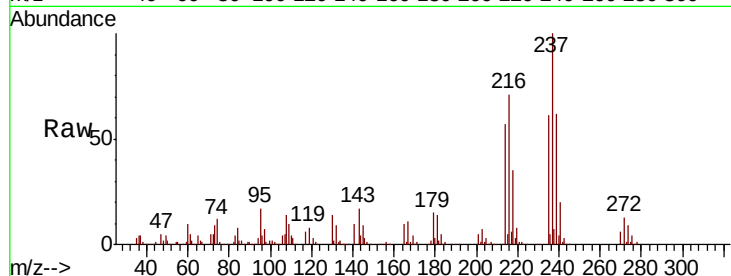
Tot Ion:237 Resp: 327756

Ion Ratio Lower Upper

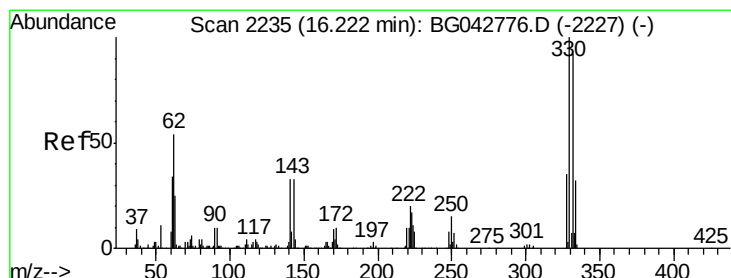
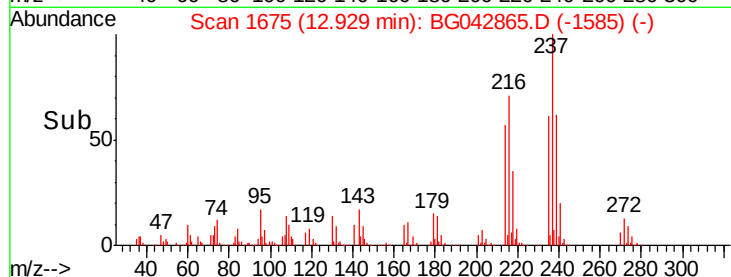
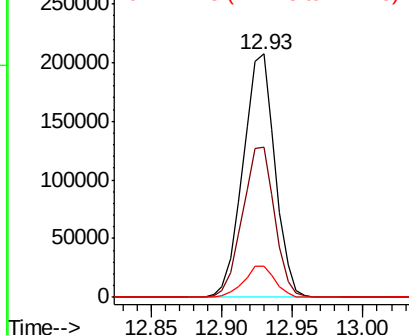
237 100

235 61.4 41.9 81.9

272 12.5 0.0 31.6



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: 87.381 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

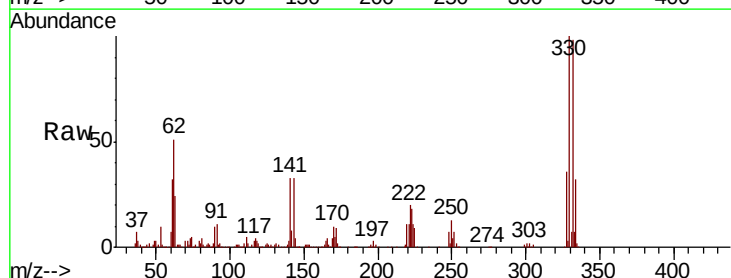
Tgt Ion:330 Resp: 326086

Ion Ratio Lower Upper

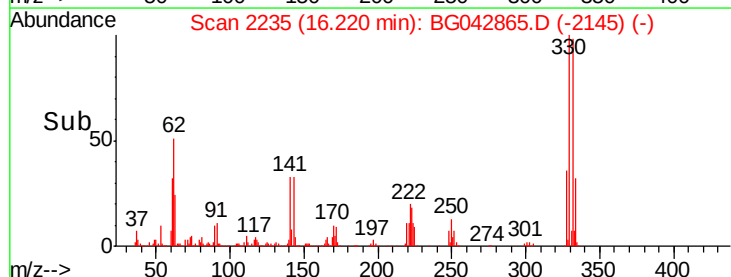
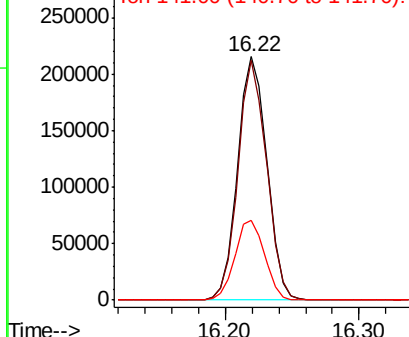
330 100

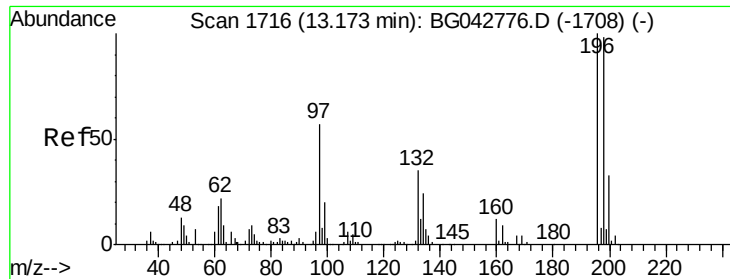
332 96.3 76.7 115.1

141 33.5 27.0 40.6



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

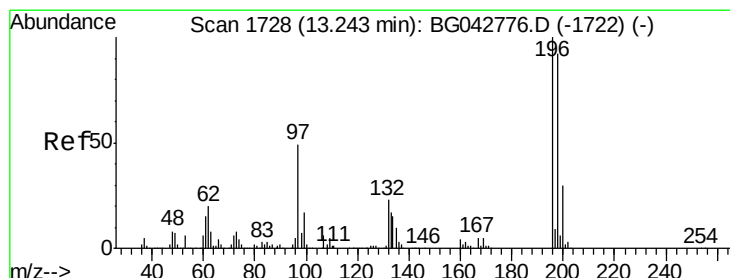
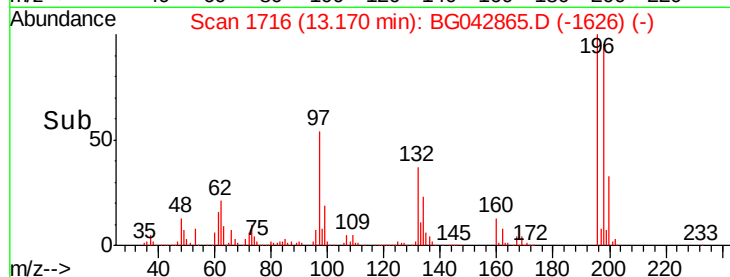
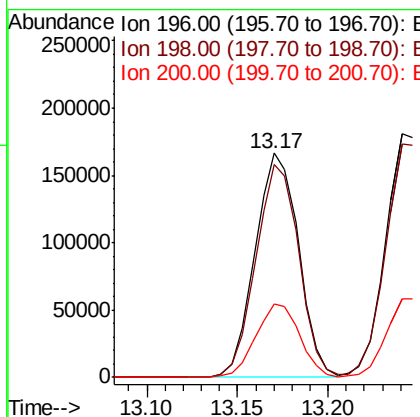
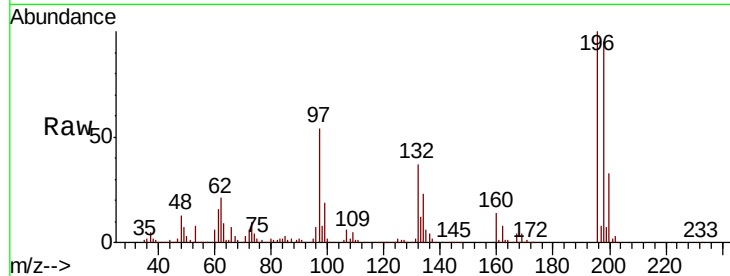




#43
 2,4,6-Trichlorophenol
 Concen: 44.864 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

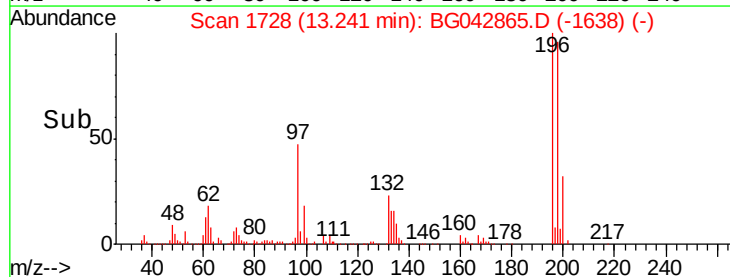
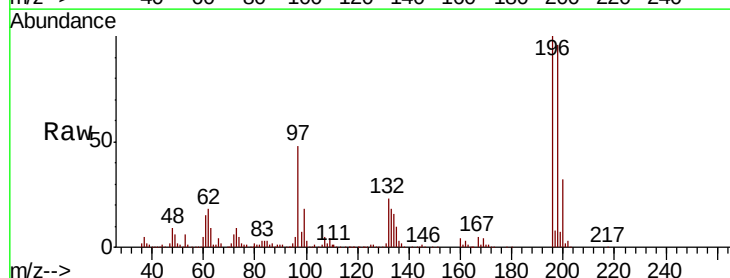
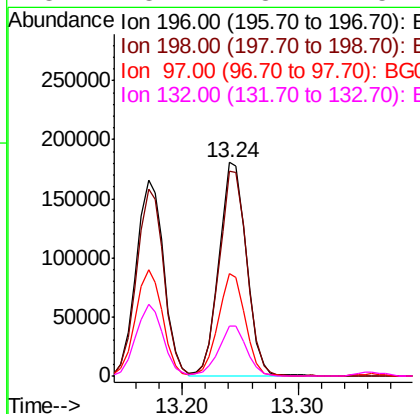
Instrument :
 BNA_G
 ClientSampled :

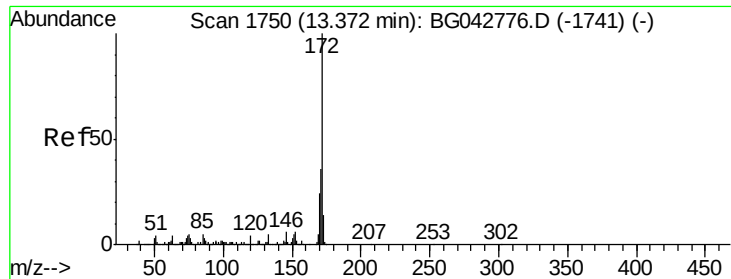
Tot Ion	196	Resp	276847
Ion Ratio	Lower	Upper	
196	100		
198	94.9	78.8	118.2
200	32.9	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 47.067 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	196	Resp	297490
Ion Ratio	Lower	Upper	
196	100		
198	96.0	73.4	110.0
97	47.9	39.2	58.8
132	23.1	18.7	28.1

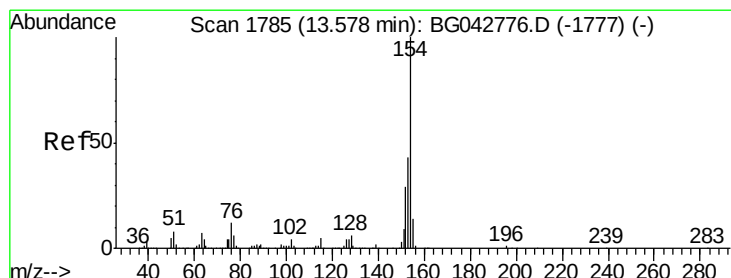
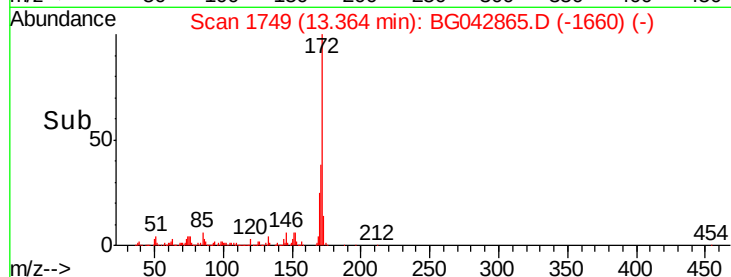
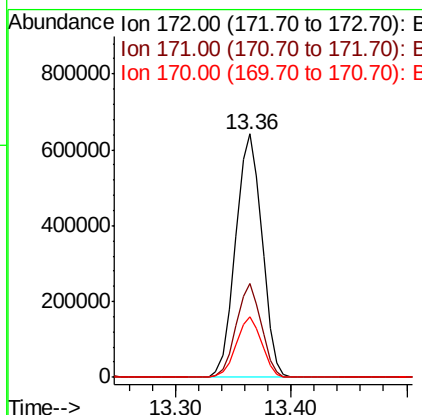
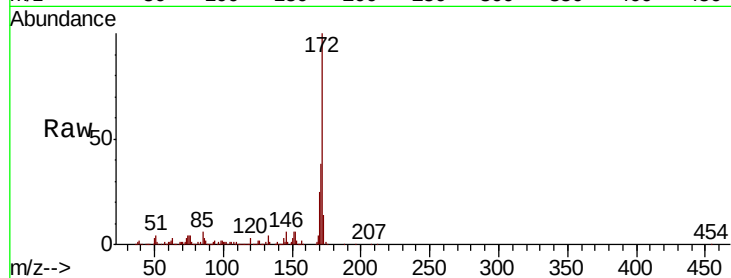




#45
2-Fluorobiphenyl
Concen: 57.055 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

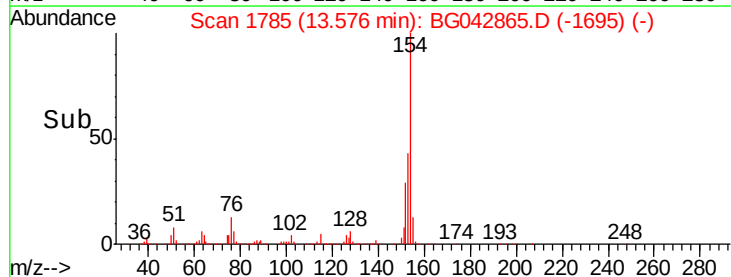
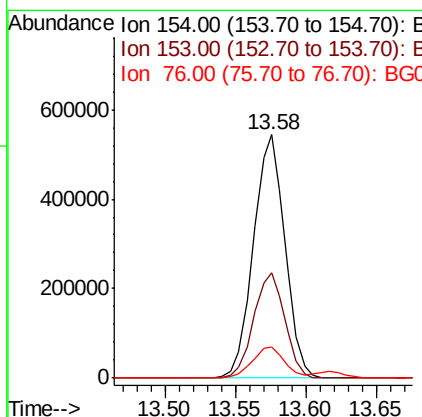
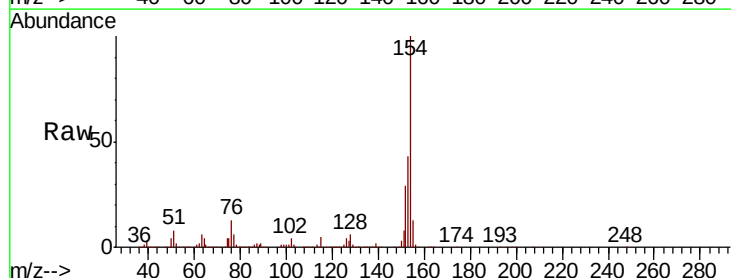
Instrument :
BNA_G
ClientSampleId :

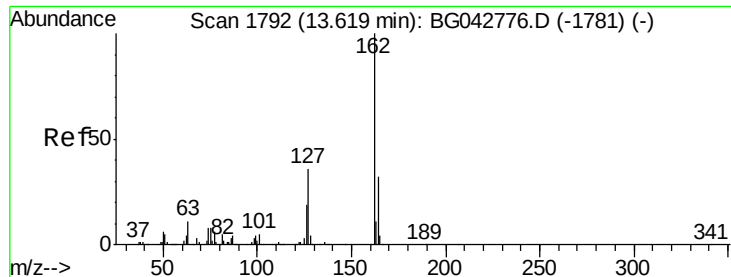
Tot Ion:172 Resp: 1011005
Ion Ratio Lower Upper
172 100
171 38.4 28.9 43.3
170 25.0 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.334 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:154 Resp: 850925
Ion Ratio Lower Upper
154 100
153 43.4 22.6 62.6
76 12.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 41.788 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

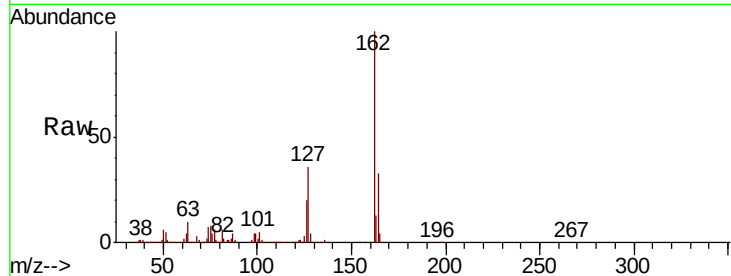
Tot Ion:162 Resp: 678789

Ion Ratio Lower Upper

162 100

127 36.5 29.3 43.9

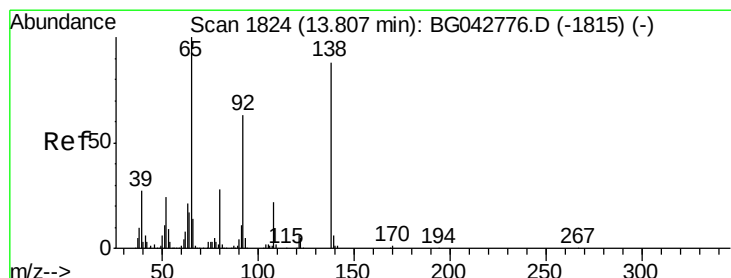
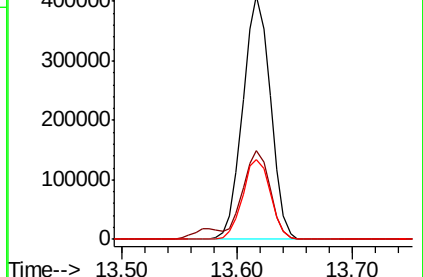
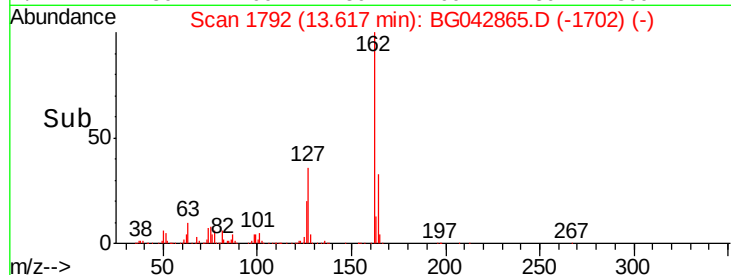
164 32.9 26.0 39.0



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: 43.686 ng

RT: 13.80 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

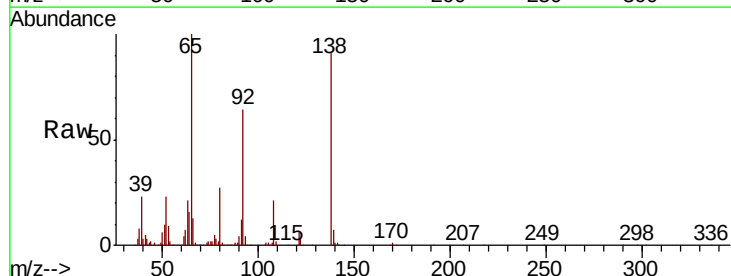
Tgt Ion: 65 Resp: 246166

Ion Ratio Lower Upper

65 100

92 63.7 50.4 75.6

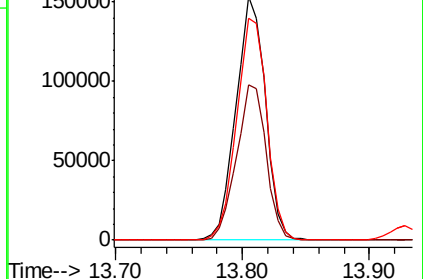
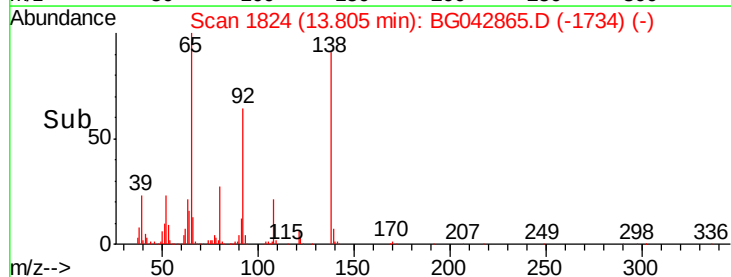
138 91.2 70.6 106.0

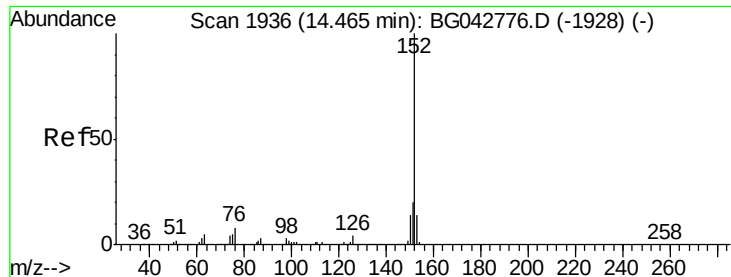


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.172 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

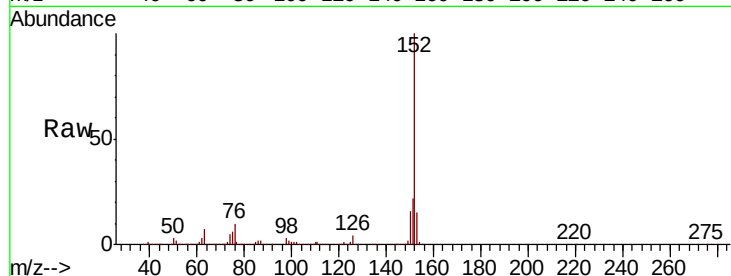
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1071659

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.0	24.0
153	14.6	11.4	17.0



Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.46

800000

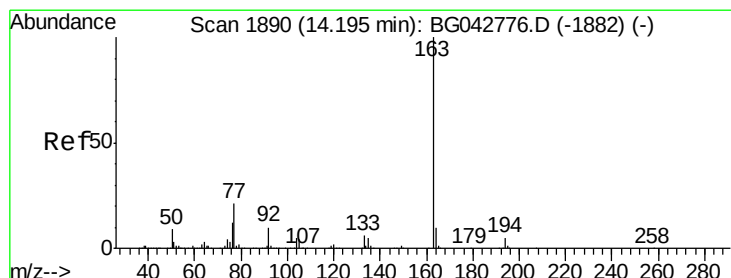
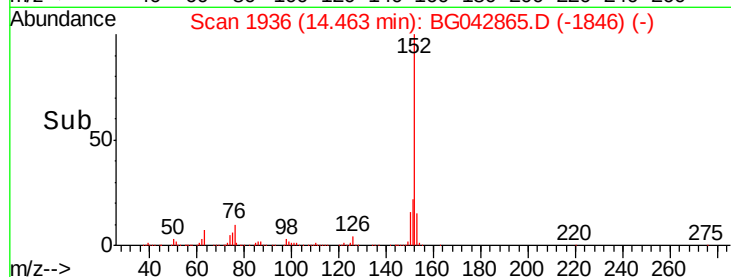
600000

400000

200000

0

Time-->



#50

Dimethylphthalate

Concen: 42.808 ng

RT: 14.19 min Scan# 1889

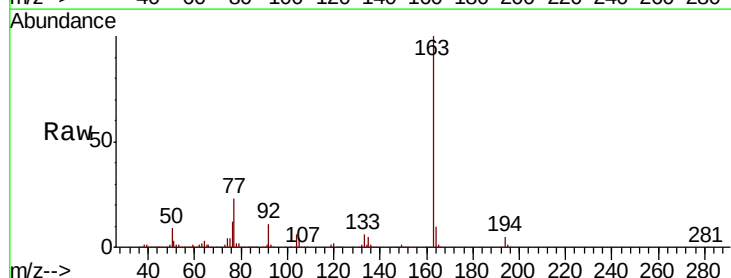
Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:163 Resp: 899515

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.4
164	10.4	8.4	12.6



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

14.19

800000

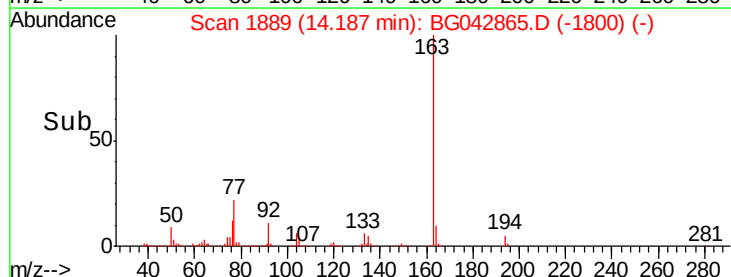
600000

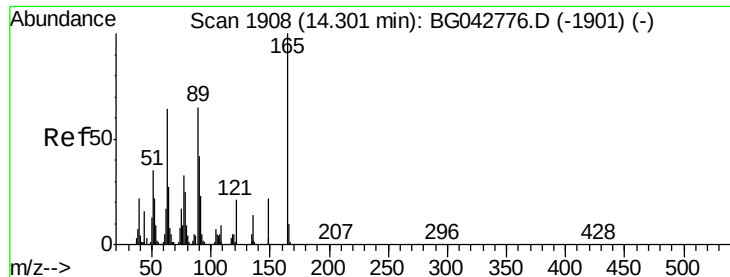
400000

200000

0

Time-->





#51

2,6-Dinitrotoluene

Concen: 46.673 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

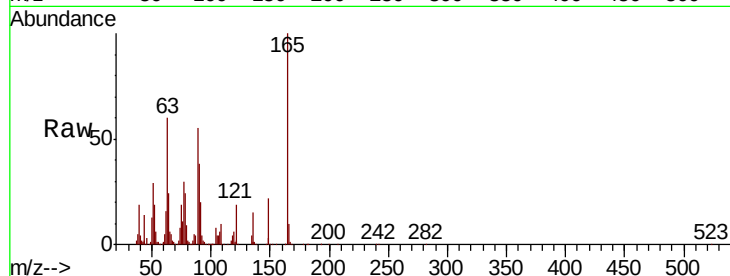
Tot Ion:165 Resp: 201233

Ion Ratio Lower Upper

165 100

63 59.6 52.1 78.1

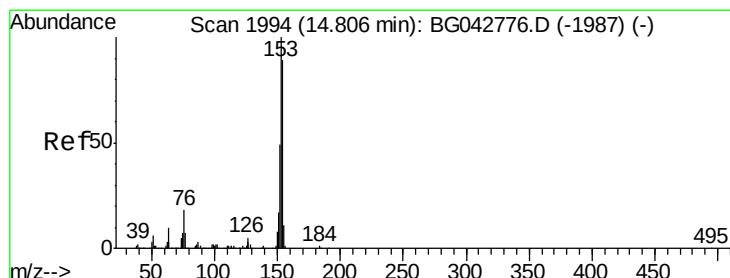
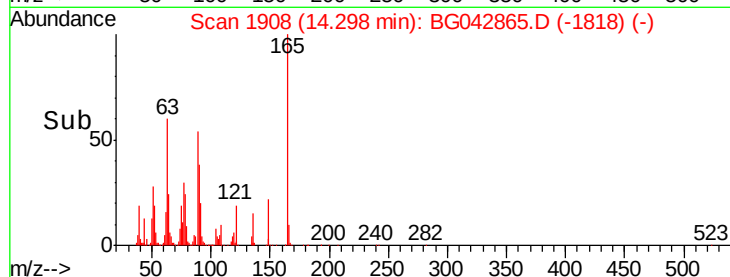
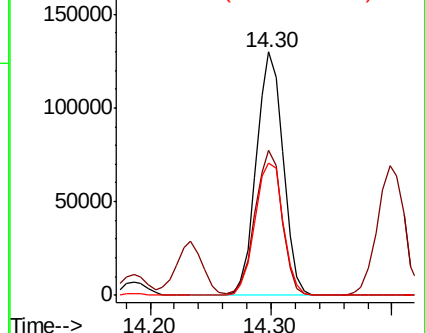
89 54.5 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 44.887 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

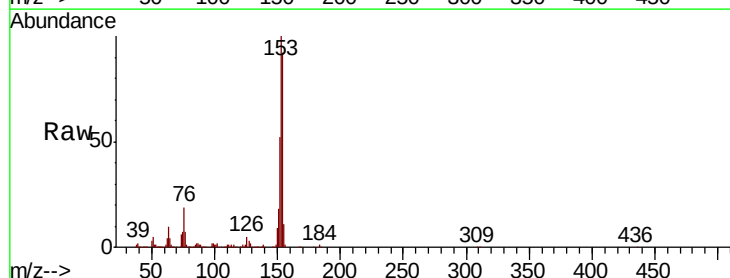
Tgt Ion:154 Resp: 727937

Ion Ratio Lower Upper

154 100

153 108.3 89.4 134.2

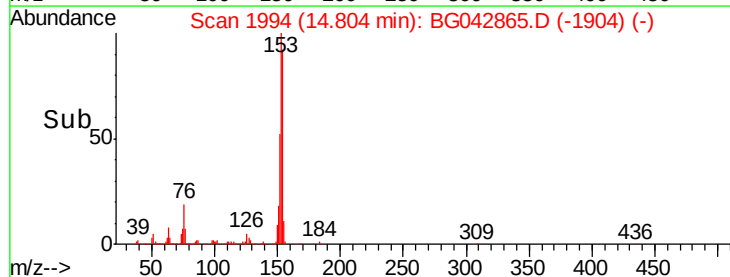
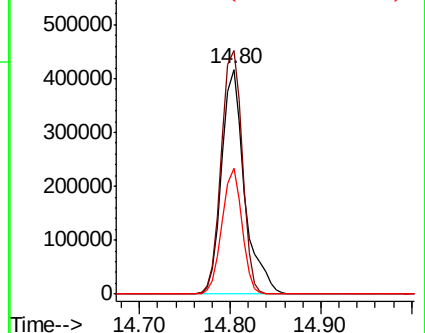
152 56.0 43.5 65.3

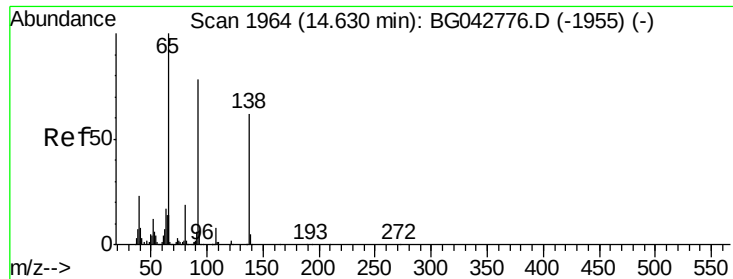


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

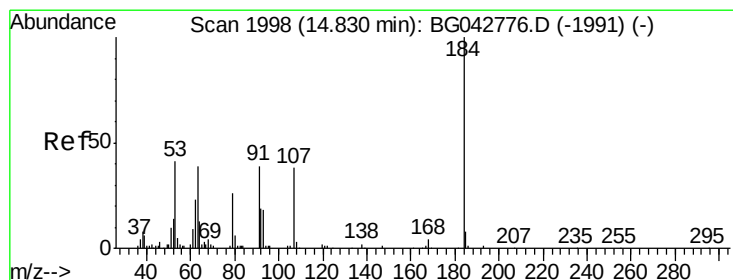
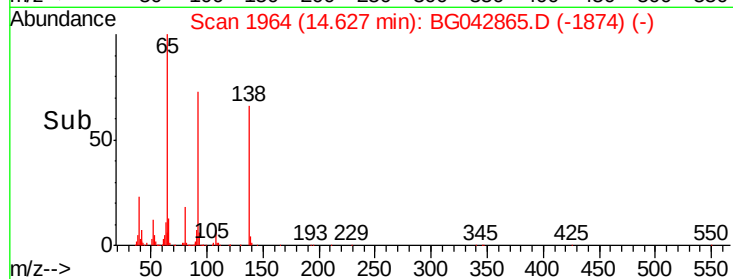
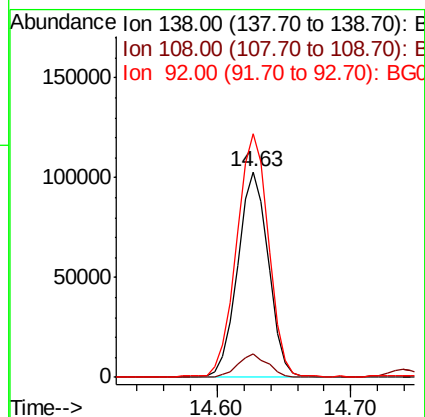
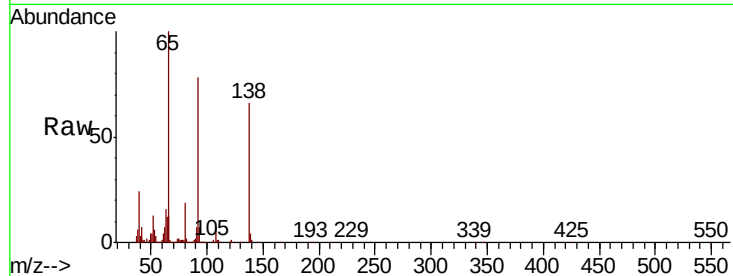




#53
 3-Nitroaniline
 Concen: 33.936 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

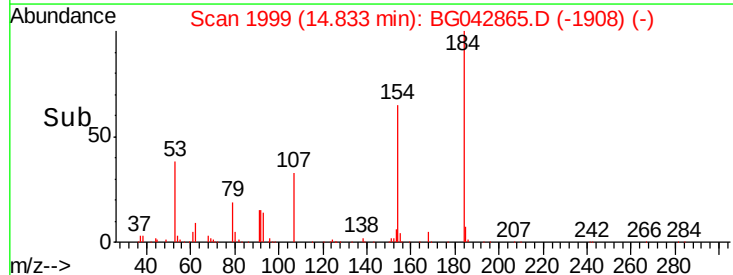
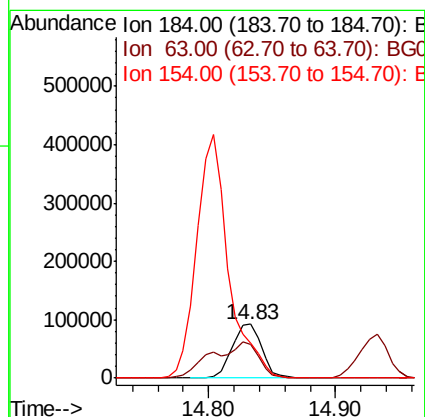
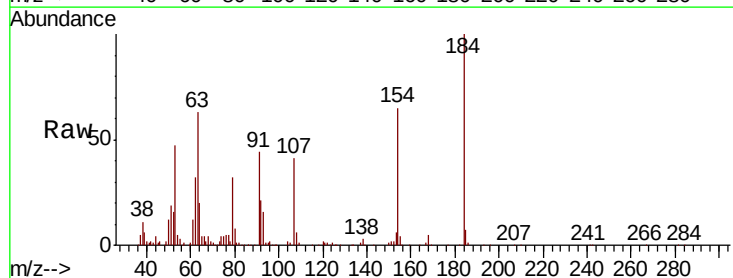
Instrument :
 BNA_G
 ClientSampleId :

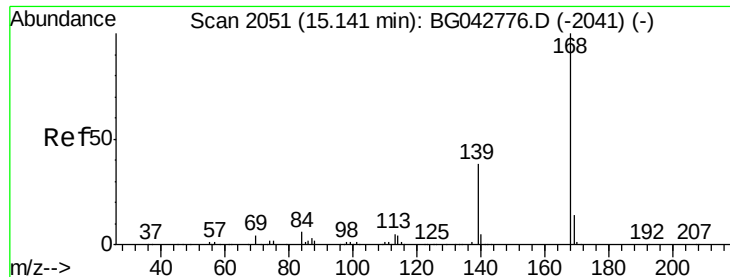
Tot Ion:138 Resp: 164217
 Ion Ratio Lower Upper
 138 100
 108 11.3 10.7 16.1
 92 118.5 100.5 150.7



#54
 2,4-Dinitrophenol
 Concen: 70.046 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion:184 Resp: 148676
 Ion Ratio Lower Upper
 184 100
 63 63.0 46.2 69.4
 154 64.5 81.3 121.9#

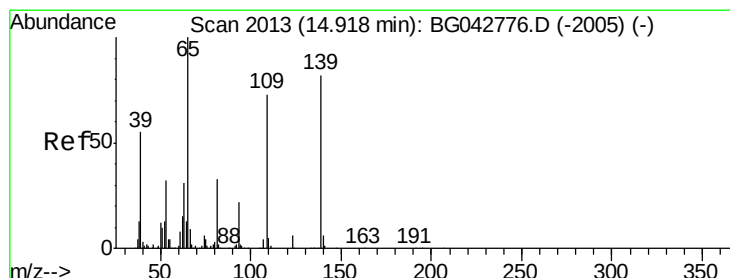
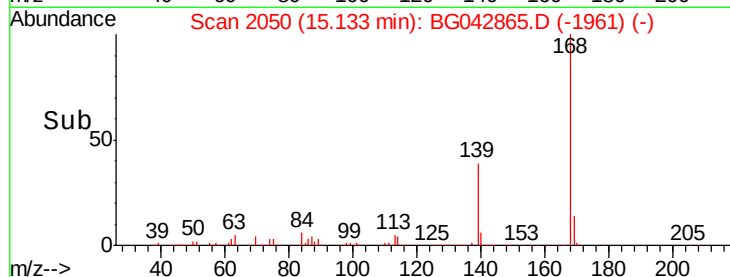
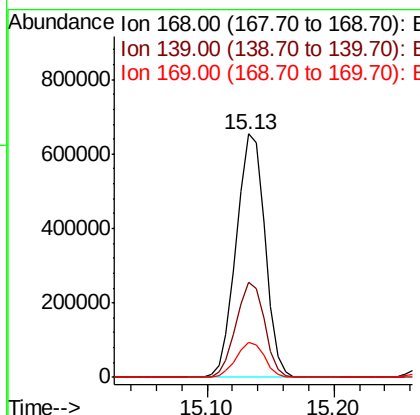
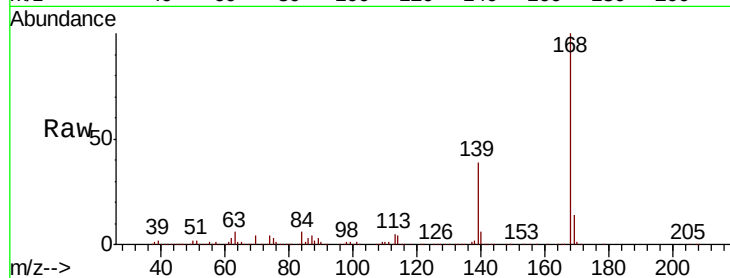




#55
Dibenzofuran
Concen: 42.468 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

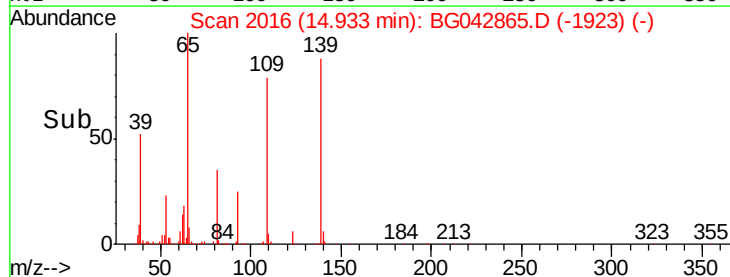
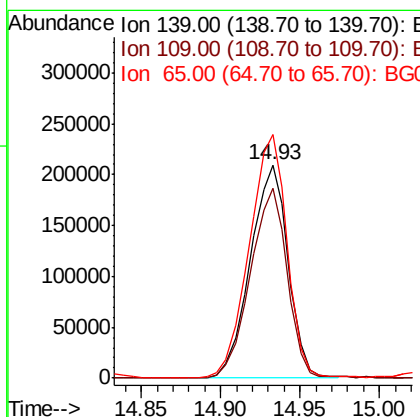
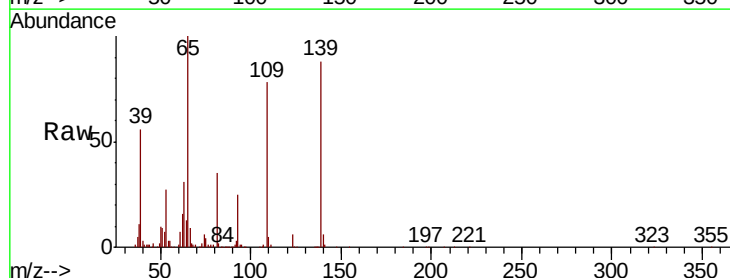
Instrument :
BNA_G
ClientSampled :

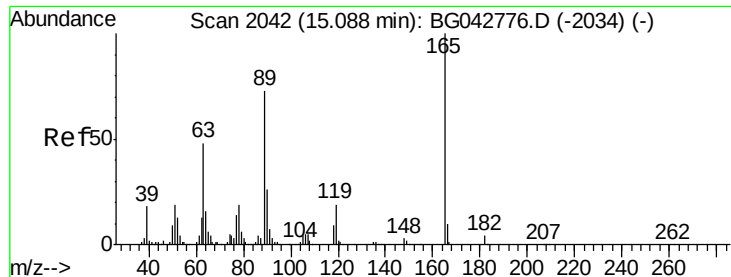
Tot Ion:168 Resp: 1023680
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.4
169 14.5 11.2 16.8



#56
4-Nitrophenol
Concen: 92.413 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.02 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:139 Resp: 345760
Ion Ratio Lower Upper
139 100
109 89.0 69.4 109.4
65 114.2 102.5 142.5

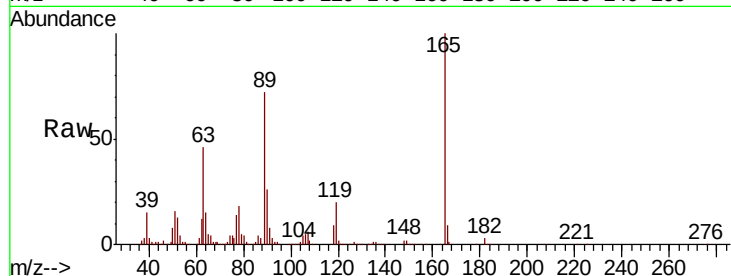




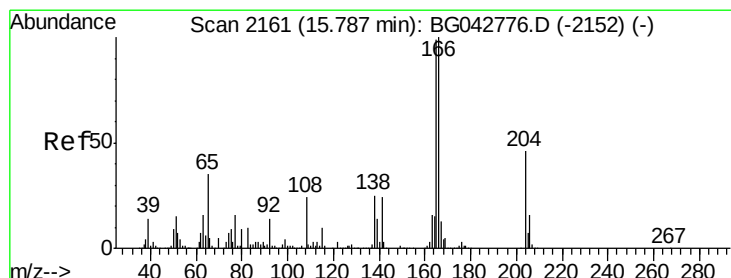
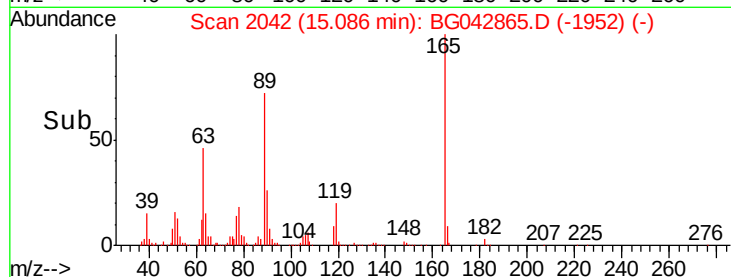
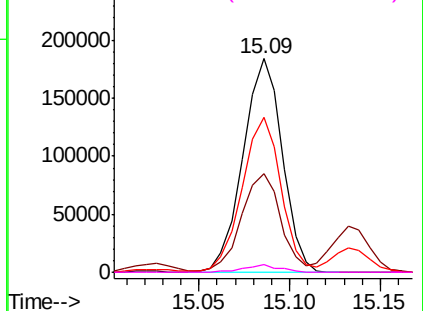
#57
 2,4-Dinitrotoluene
 Concen: 48.199 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	276996
Ion Ratio	Lower	Upper
165	100	
63	46.2	38.3 57.5
89	72.3	58.4 87.6
182	3.3	2.9 4.3

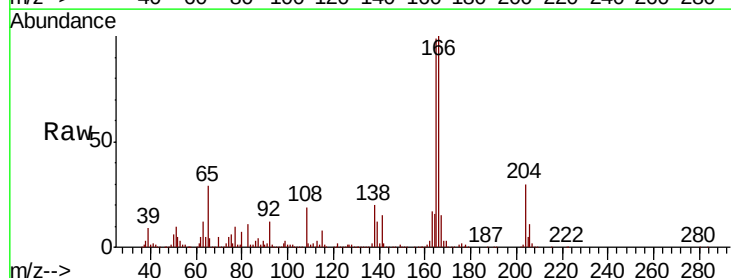


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

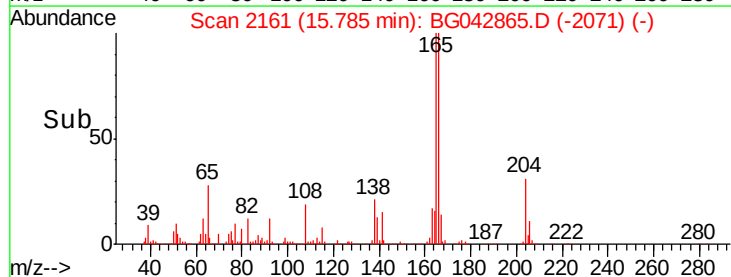
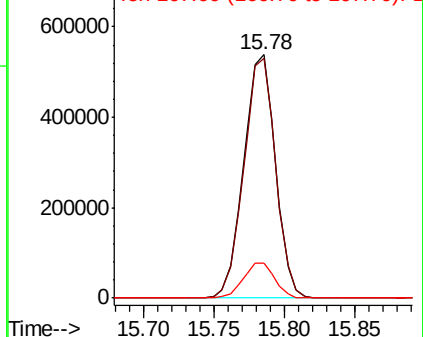


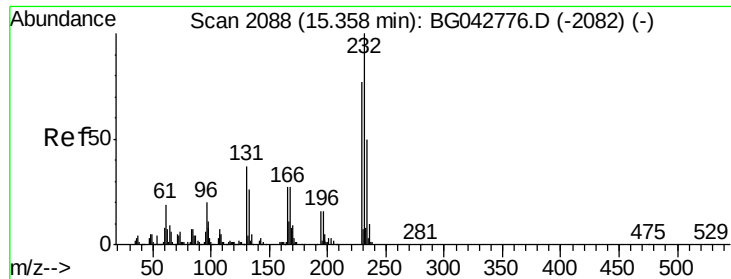
#58
 Fluorene
 Concen: 42.411 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion:166	Resp:	847250
Ion Ratio	Lower	Upper
166	100	
165	98.6	79.1 118.7
167	14.6	10.7 16.1



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.785 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 286659

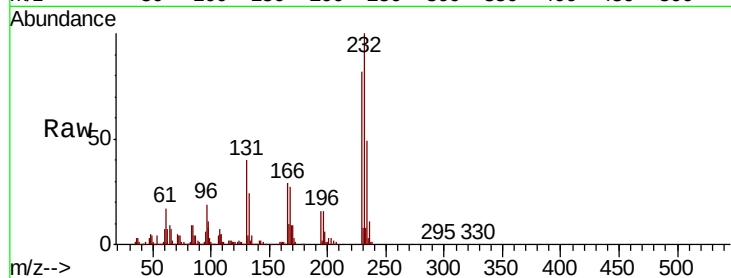
Ion Ratio Lower Upper

232 100

131 37.8 31.1 46.7

130 2.3 1.8 2.6

166 28.1 21.7 32.5

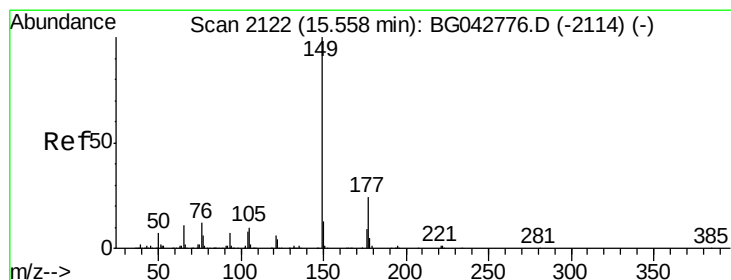
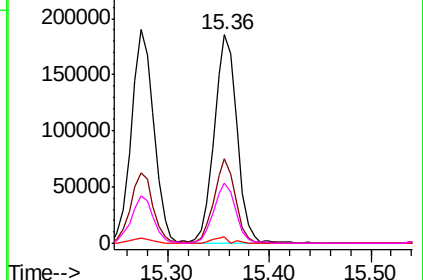
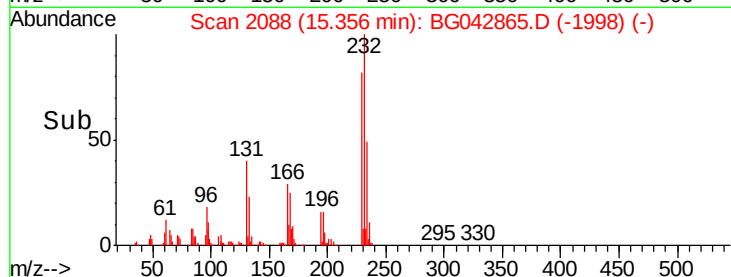


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.512 ng

RT: 15.55 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

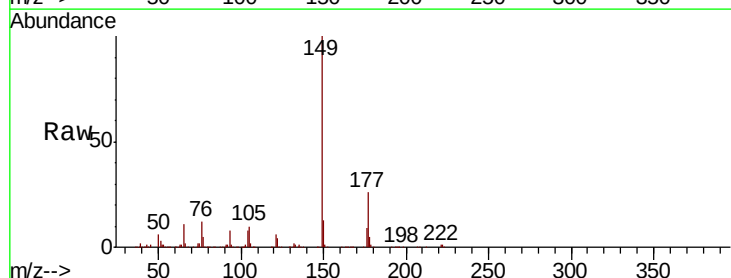
Tgt Ion:149 Resp: 842771

Ion Ratio Lower Upper

149 100

177 25.9 19.4 29.0

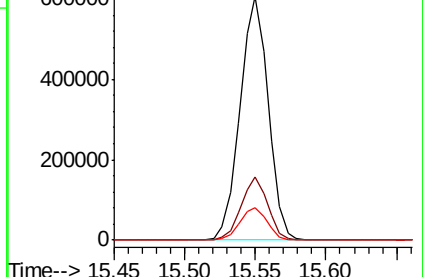
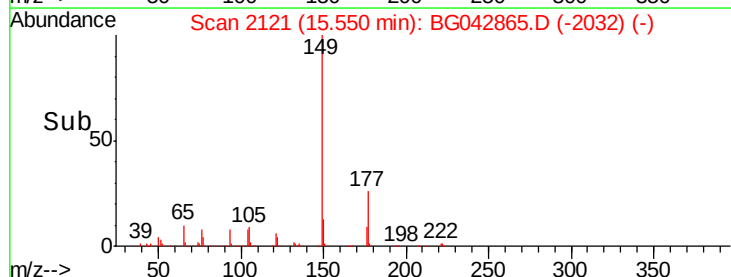
150 13.2 10.2 15.4

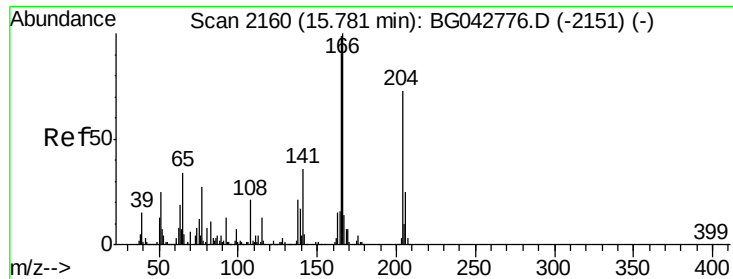


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

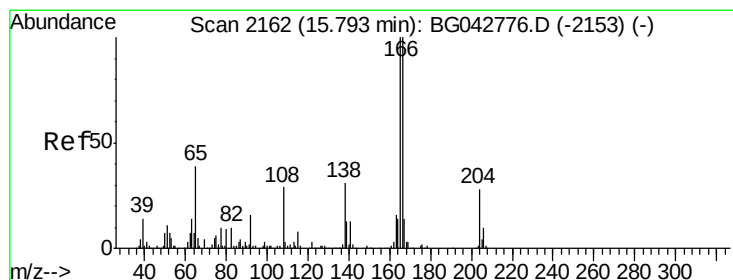
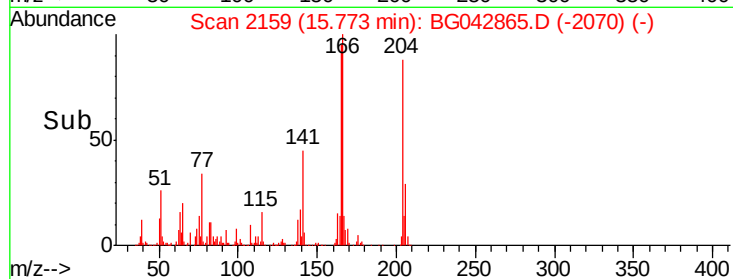
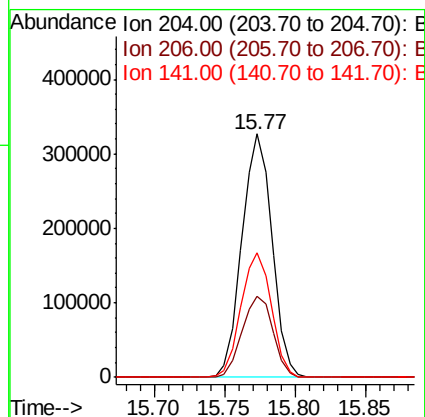
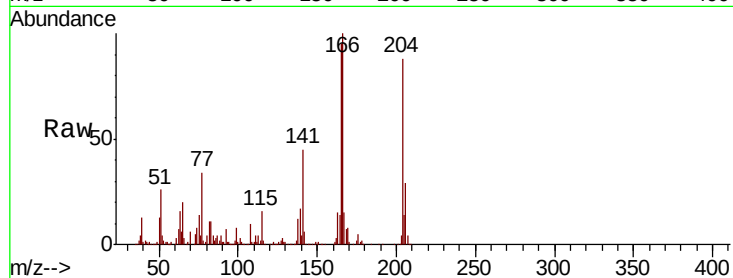




#61
 4-Chlorophenyl-phenylether
 Concen: 41.180 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

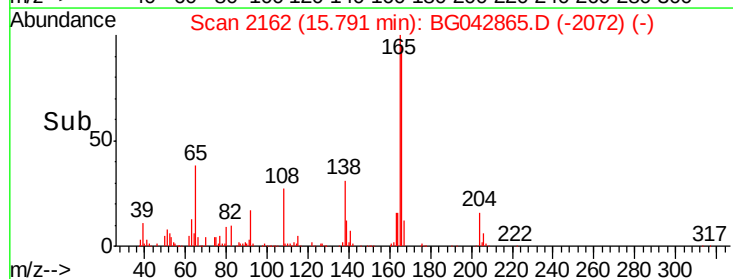
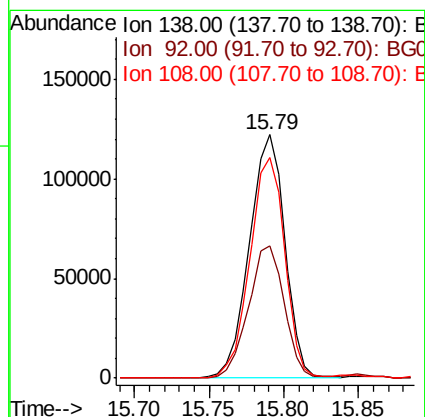
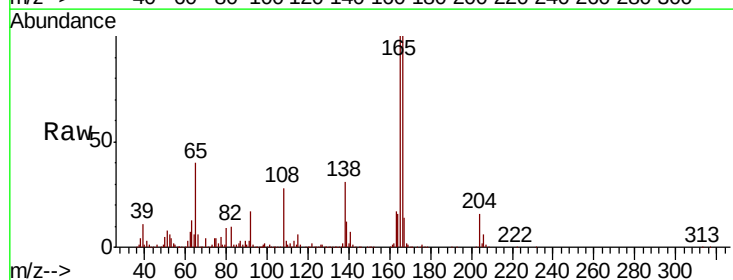
Instrument :
 BNA_G
 ClientSampleId :

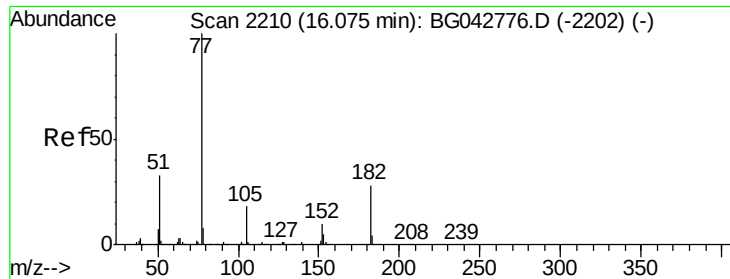
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.6	41.4
141	50.9	39.8	59.6



#62
 4-Nitroaniline
 Concen: 38.446 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	31.4	71.4
108	90.8	74.8	114.8

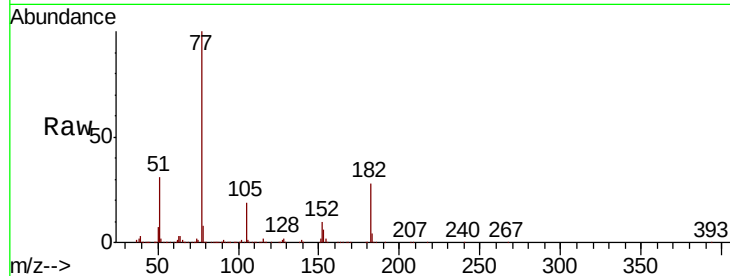




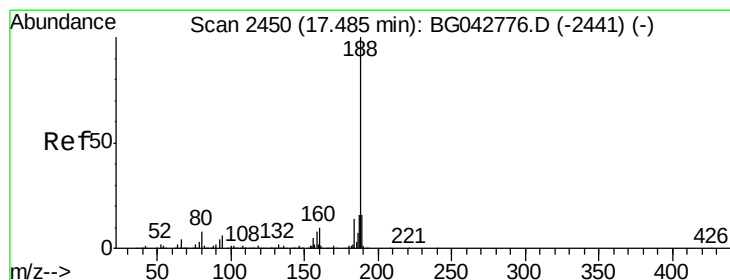
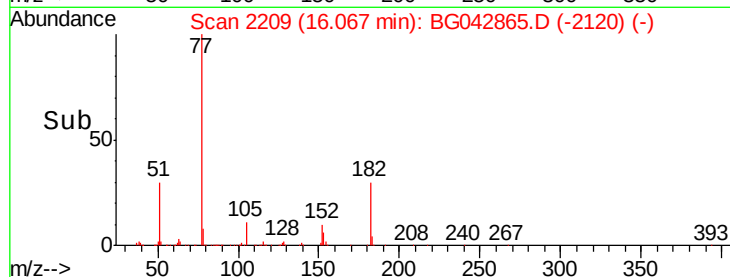
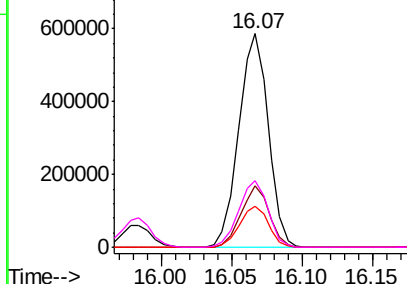
#63
Azobenzene
Concen: 41.622 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	854890
Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.1	48.1
105	19.5	0.0	38.1
51	31.4	12.9	52.9

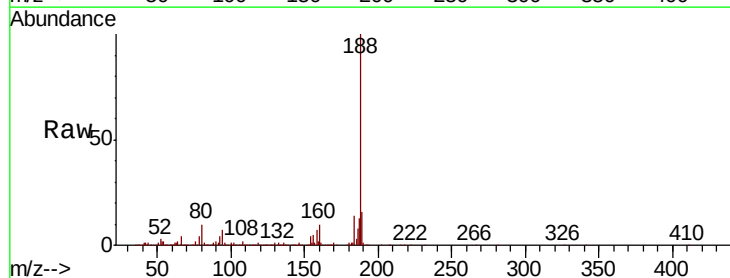


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

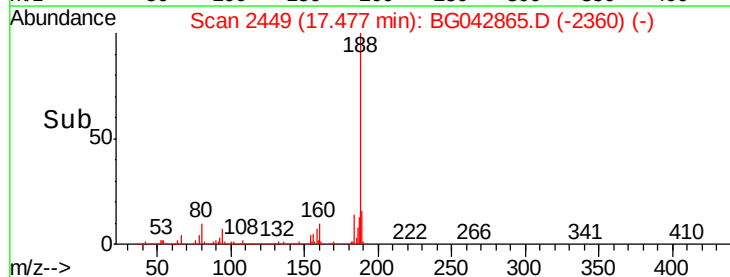
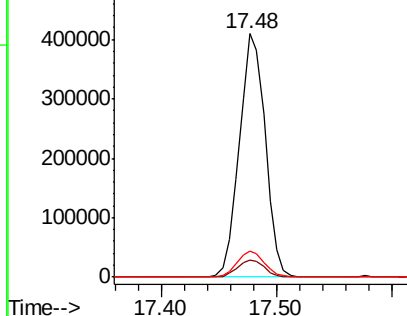


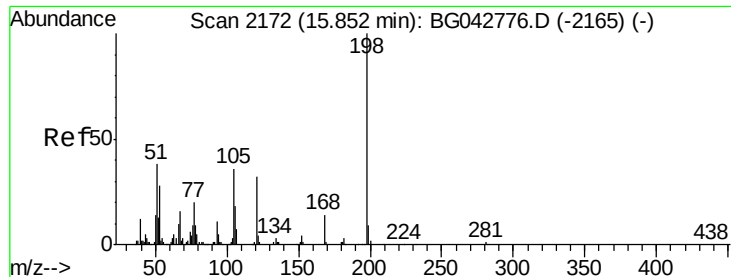
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:	188	Resp:	636895
Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.8	7.2#
80	10.4	6.6	9.8#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

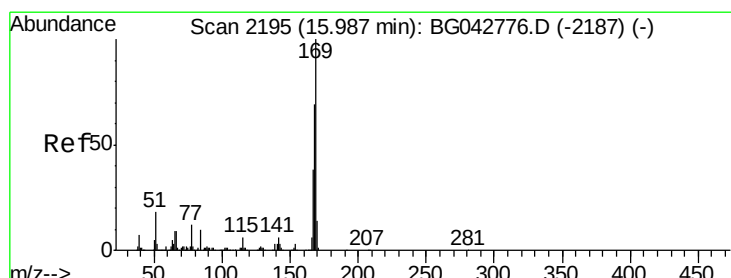
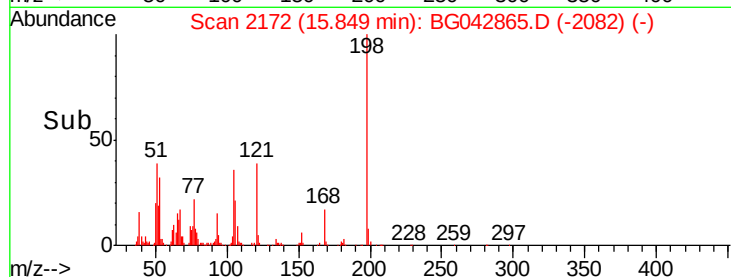
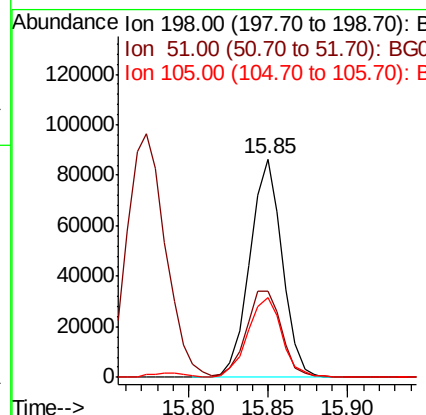
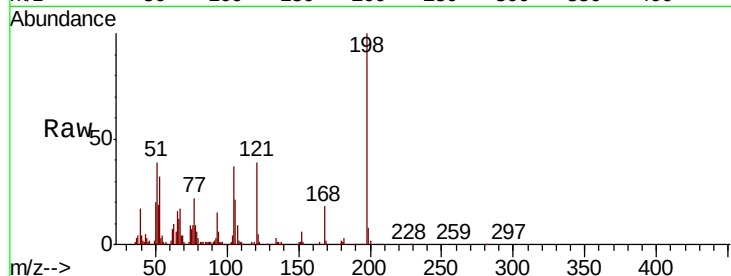




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.957 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

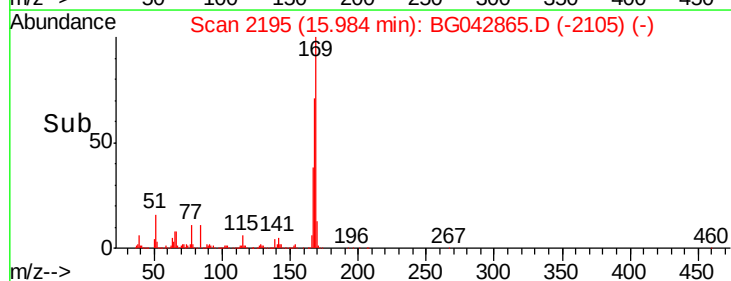
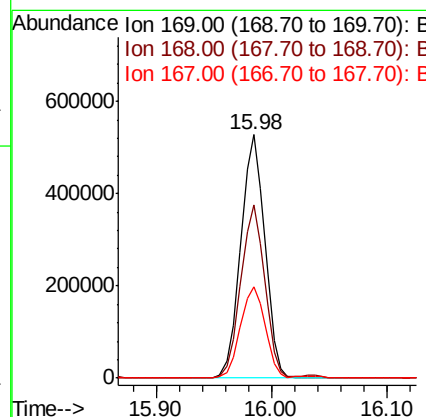
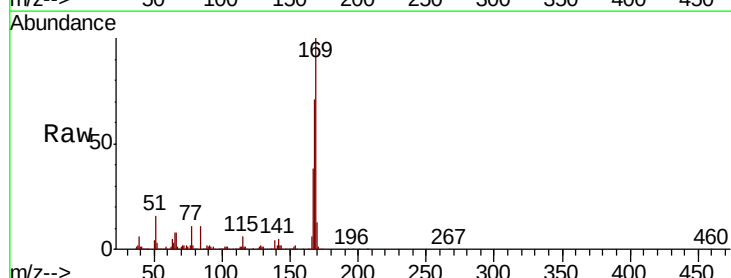
Instrument :
 BNA_G
 ClientSampleId :

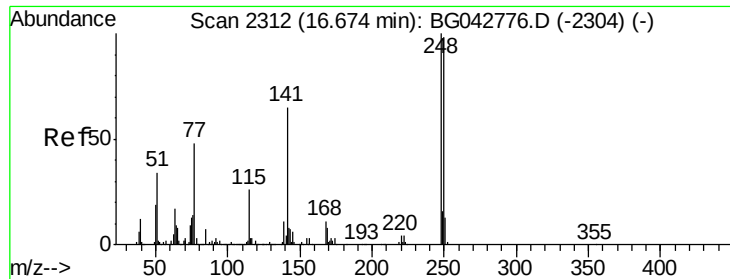
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.3	20.9	60.9
105	36.5	16.4	56.4



#66
 n-Nitrosodiphenylamine
 Concen: 44.547 ng
 RT: 15.98 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	55.4	83.2
167	37.7	30.4	45.6

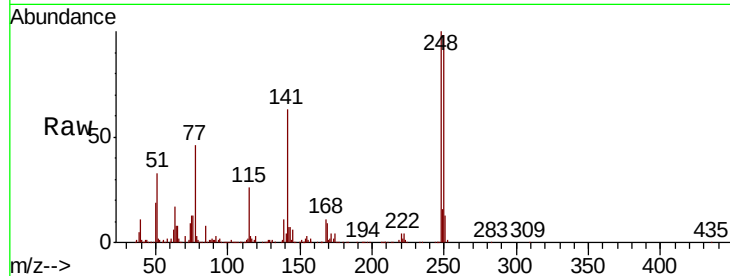




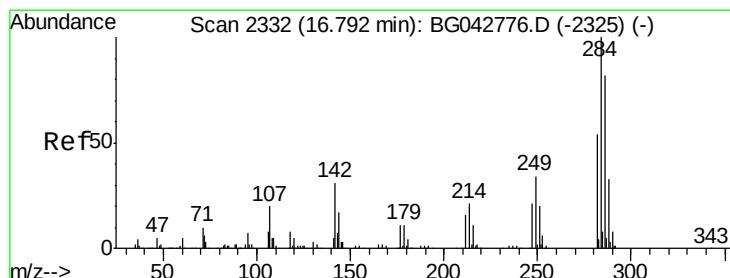
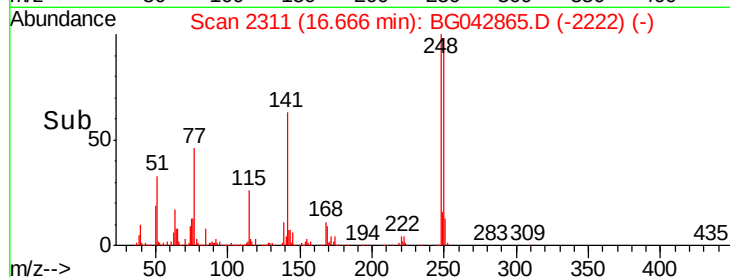
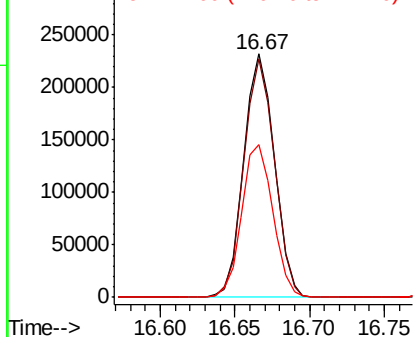
#67
4-Bromophenyl-phenylether
Concen: 42.749 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 329540
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 62.7 51.8 77.6

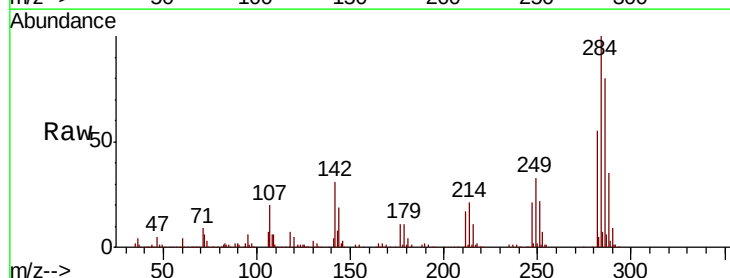


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

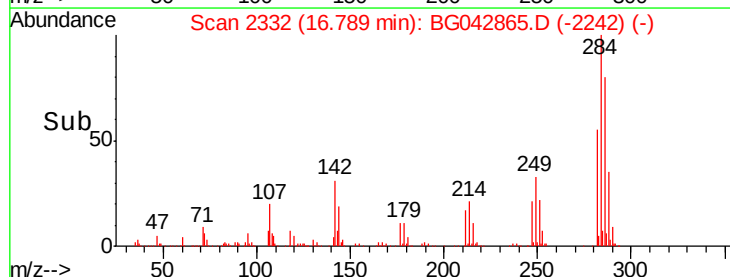
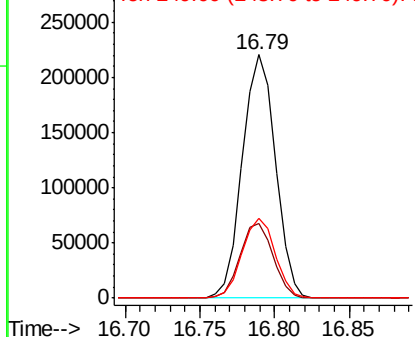


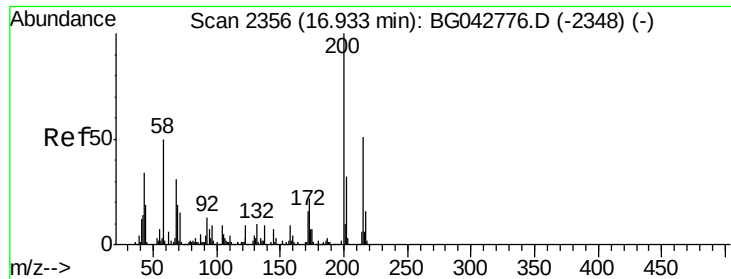
#68
Hexachlorobenzene
Concen: 41.153 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:284 Resp: 338984
Ion Ratio Lower Upper
284 100
142 30.5 24.7 37.1
249 32.9 27.0 40.4



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: 47.697 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampled :

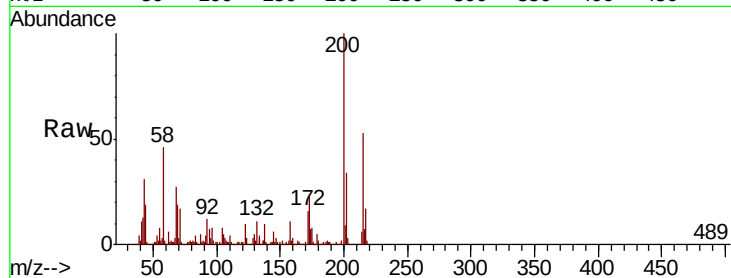
Tot Ion:200 Resp: 284660

Ion Ratio Lower Upper

200 100

173 23.0 2.5 42.5

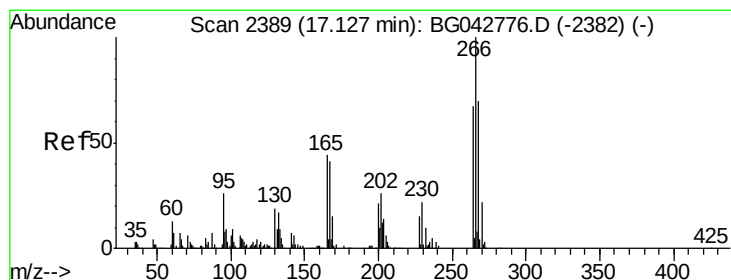
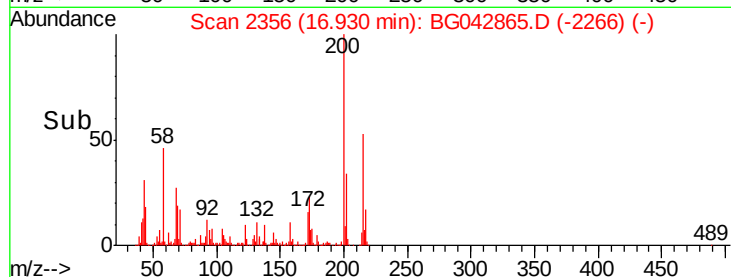
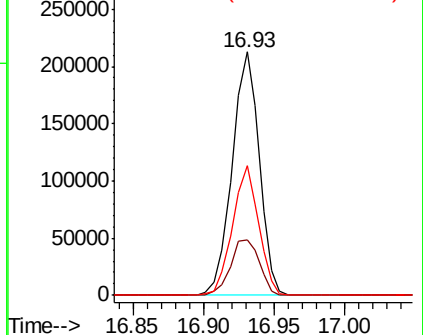
215 53.3 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.766 ng

RT: 17.13 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

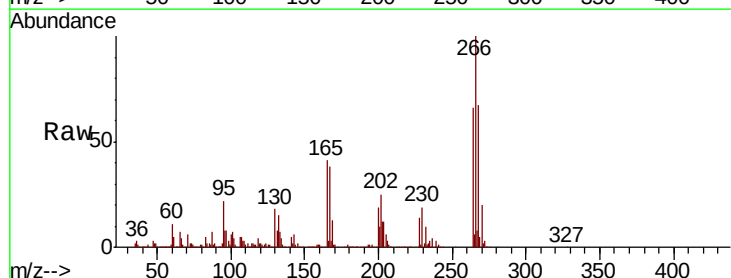
Tgt Ion:266 Resp: 458182

Ion Ratio Lower Upper

266 100

268 66.6 56.2 84.4

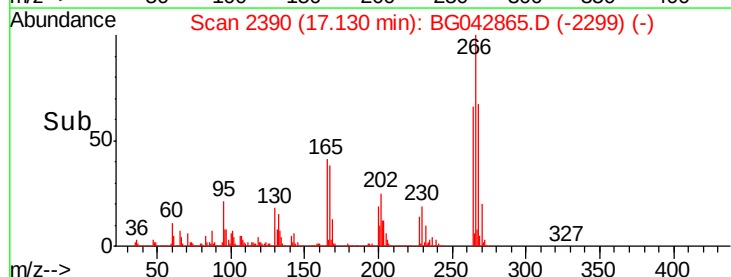
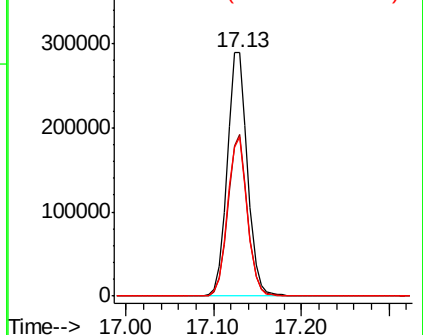
264 65.6 53.4 80.2

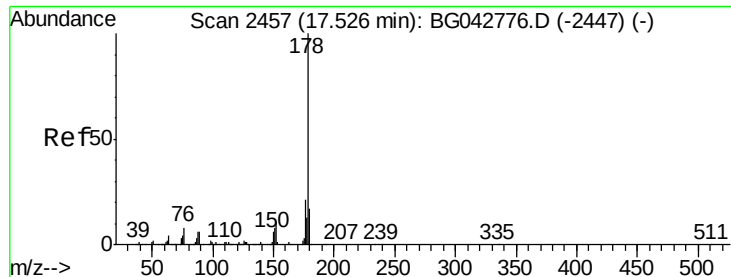


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.023 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

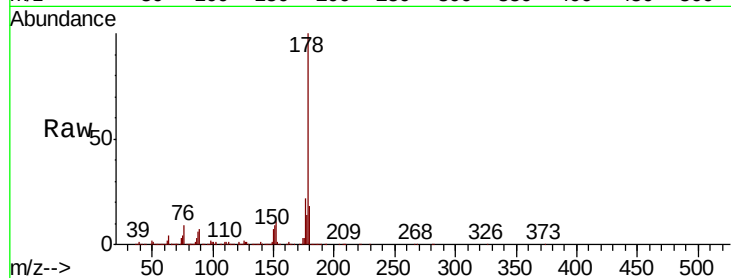
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1310440

Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.0	25.4
179	17.7	13.6	20.4

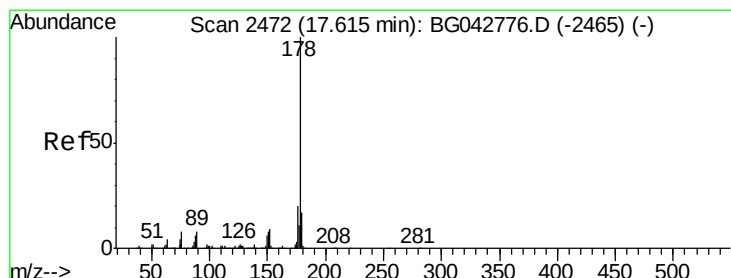
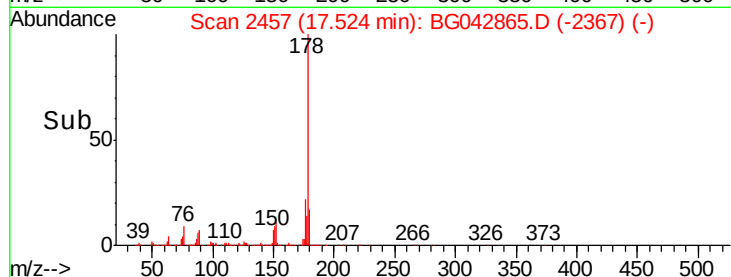
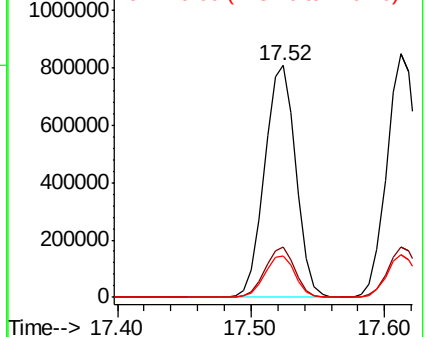


Abundance

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



#72

Anthracene

Concen: 44.153 ng

RT: 17.61 min Scan# 2472

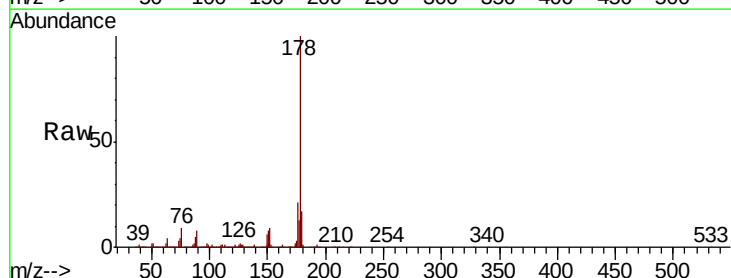
Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:178 Resp: 1343564

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	17.4	13.6	20.4

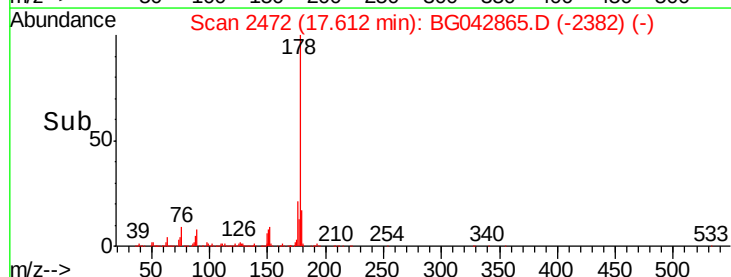
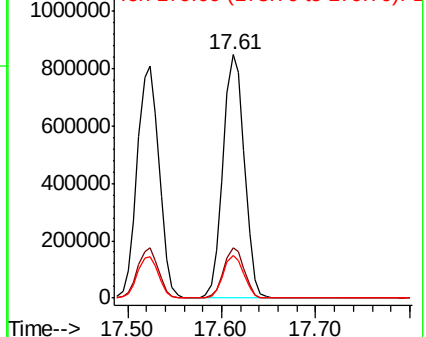


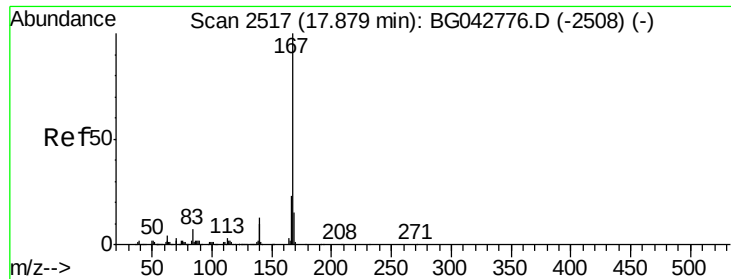
Abundance

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

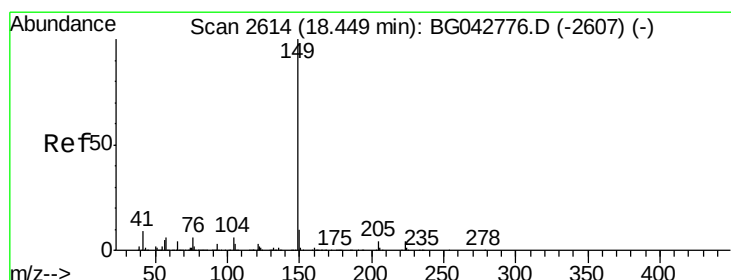
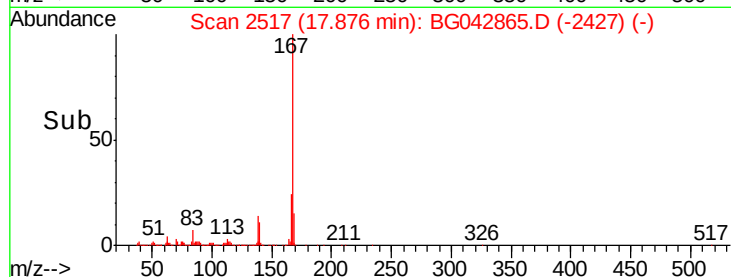
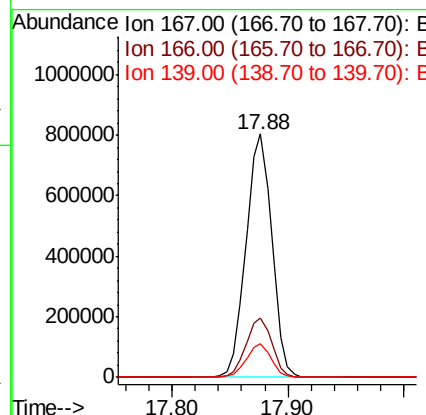
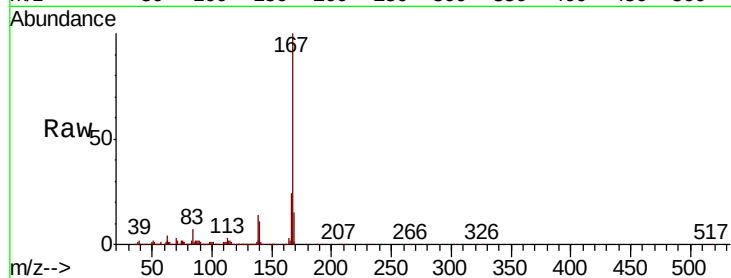




#73
 Carbazole
 Concen: 43.100 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

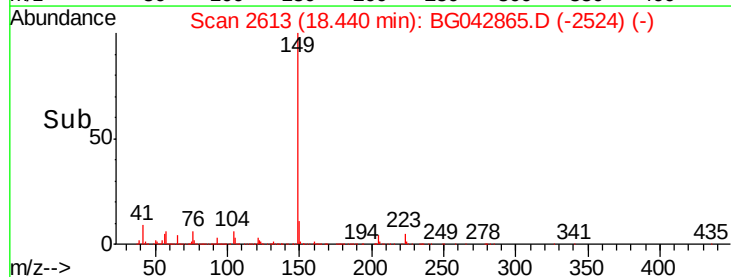
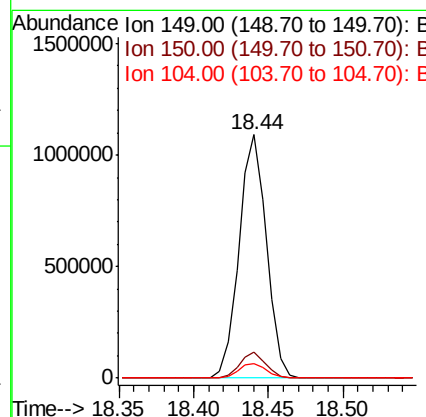
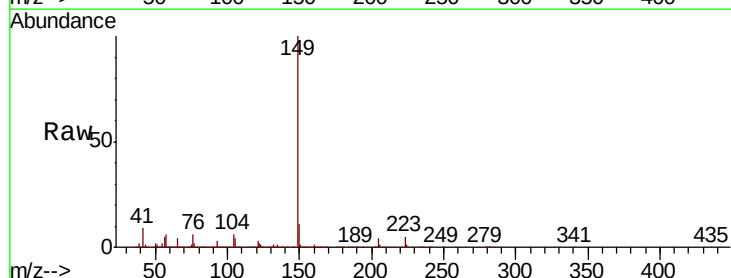
Instrument :
 BNA_G
 ClientSampleId :

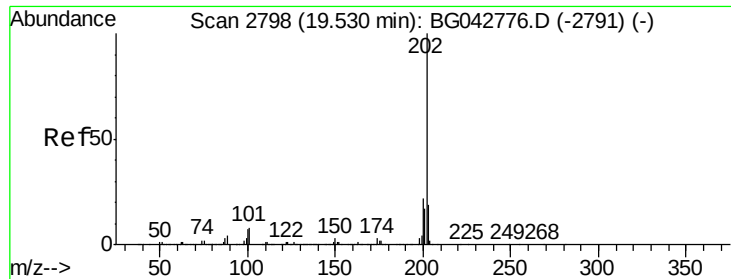
Tot Ion:167 Resp: 1246544
 Ion Ratio Lower Upper
 167 100
 166 24.5 18.3 27.5
 139 13.6 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.219 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042865.D
 Acq: 17 Sep 2019 1:34

Tgt Ion:149 Resp: 1393428
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.0 12.0
 104 6.1 5.1 7.7





#75

Fluoranthene

Concen: 40.698 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampled :

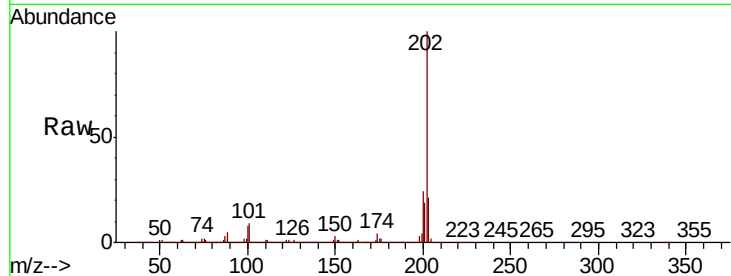
Tot Ion:202 Resp: 1606552

Ion Ratio Lower Upper

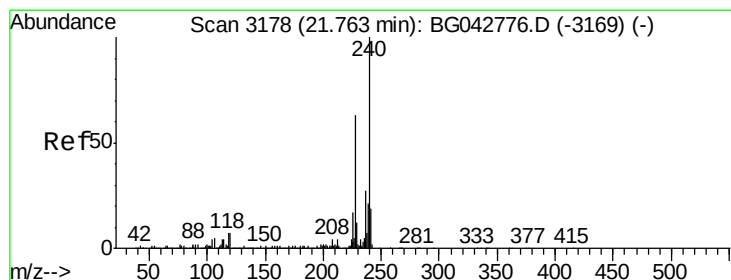
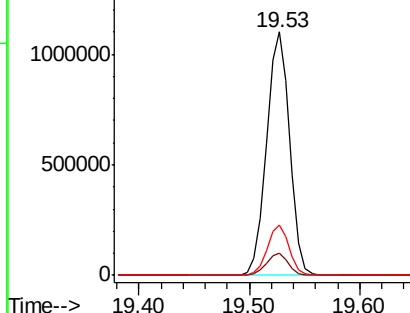
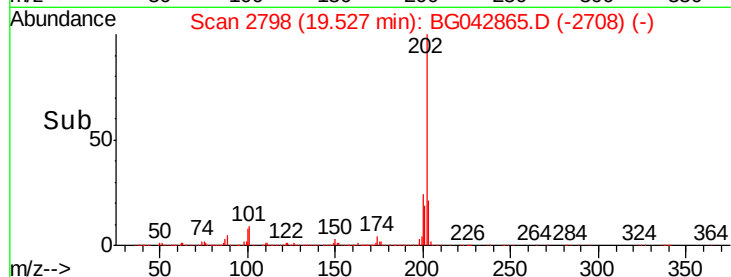
202 100

101 9.0 0.0 27.8

203 20.6 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: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

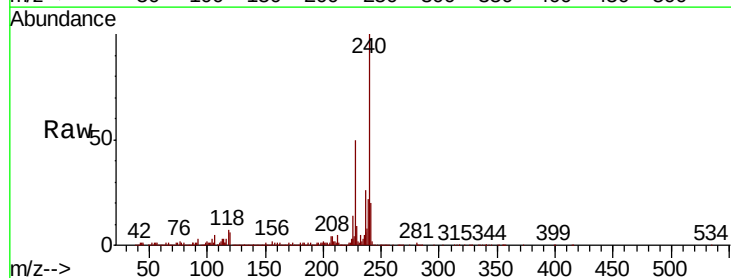
Tgt Ion:240 Resp: 588665

Ion Ratio Lower Upper

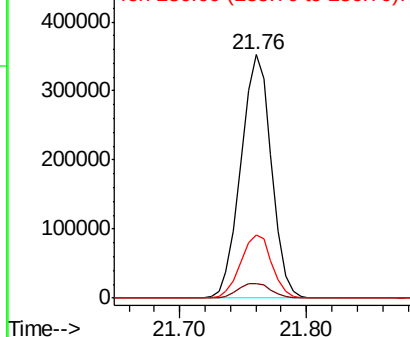
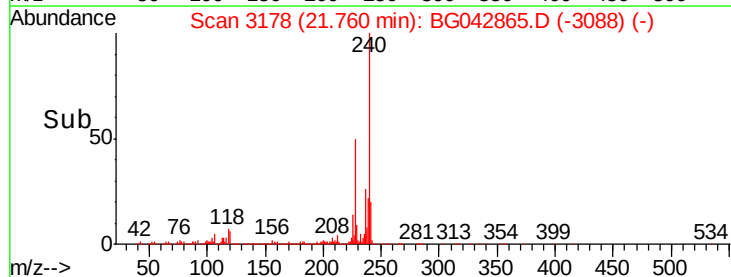
240 100

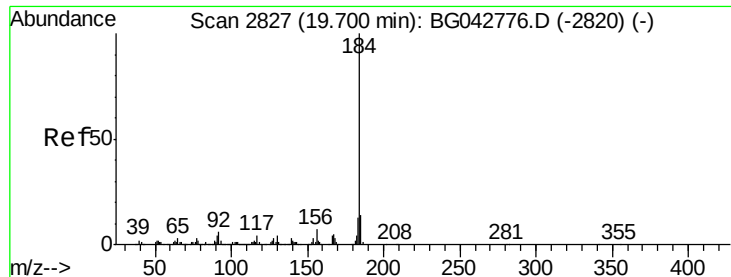
120 6.0 5.4 8.2

236 25.7 21.7 32.5



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: 49.896 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

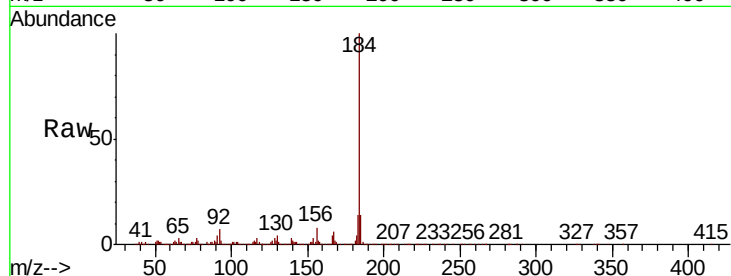
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 820621

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	13.9	10.4	15.6

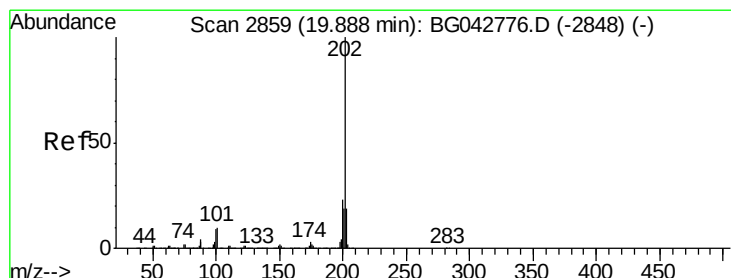
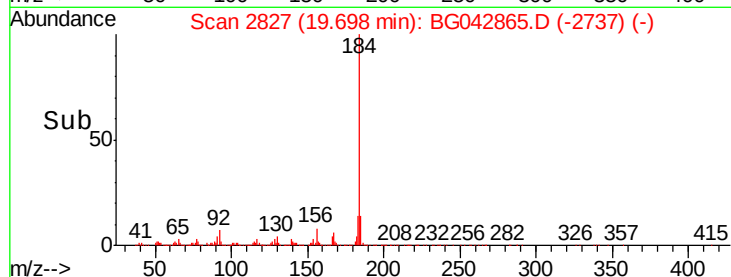
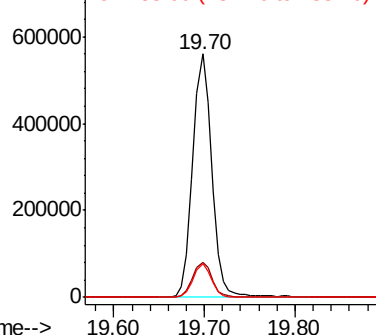


Abundance

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: 44.020 ng

RT: 19.89 min Scan# 2859

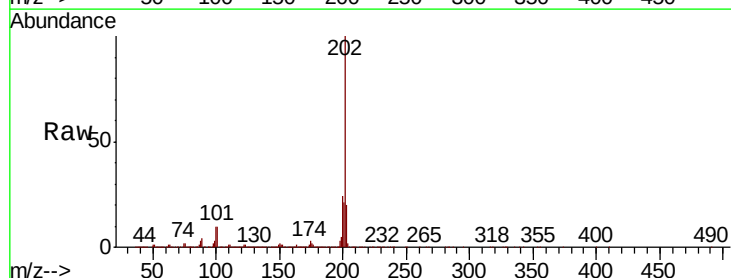
Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:202 Resp: 1622333

Ion	Ratio	Lower	Upper
202	100		
200	24.3	18.5	27.7
203	20.4	15.3	22.9

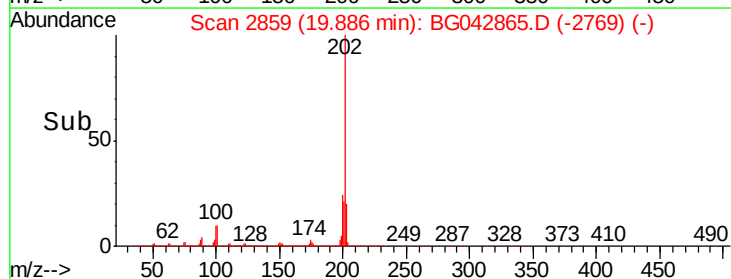
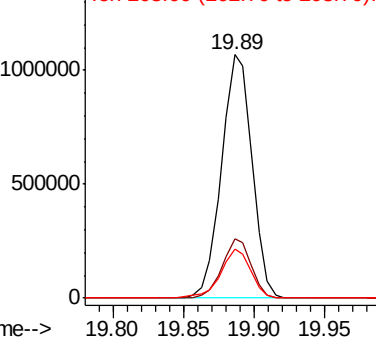


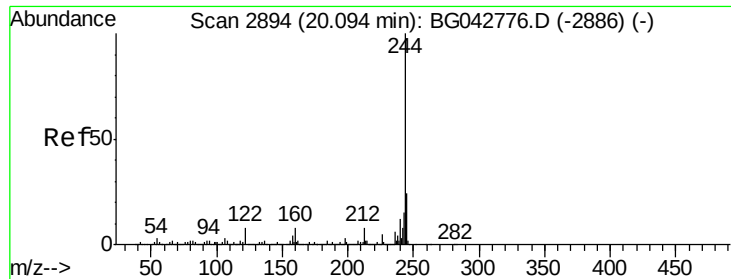
Abundance

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: 58.998 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

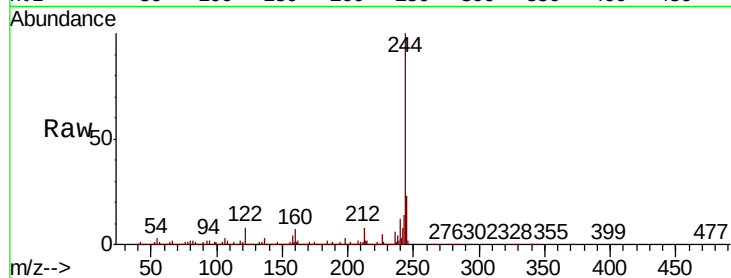
Tot Ion:244 Resp: 1567055

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 8.1 6.2 9.4

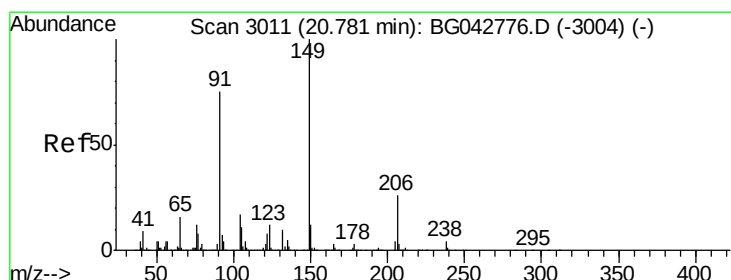
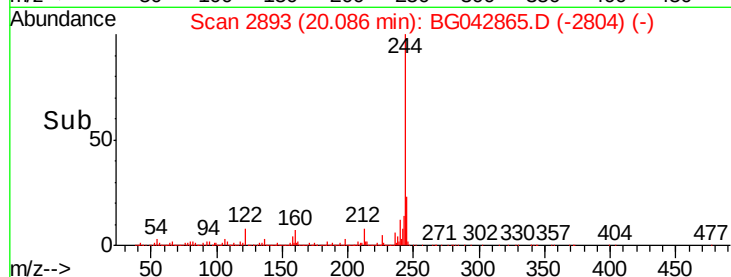
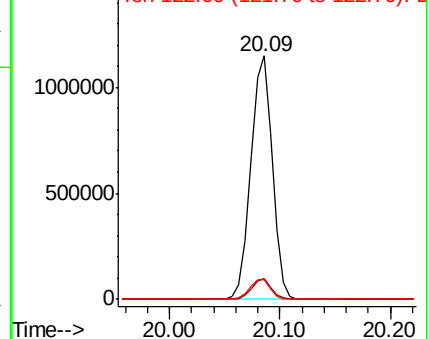


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.014 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

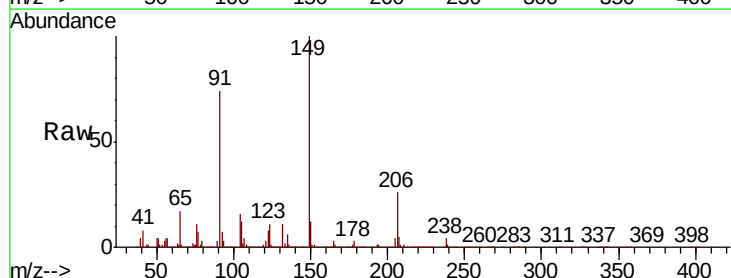
Tgt Ion:149 Resp: 641571

Ion Ratio Lower Upper

149 100

91 74.2 60.2 90.2

206 26.3 20.6 30.8

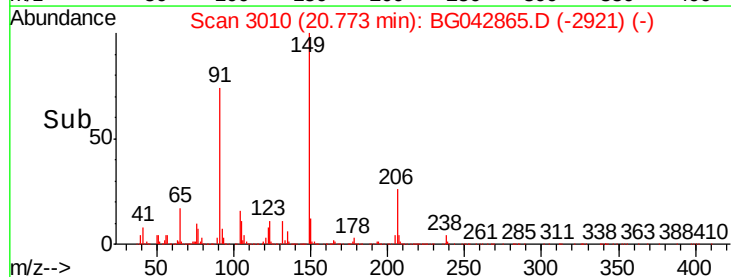
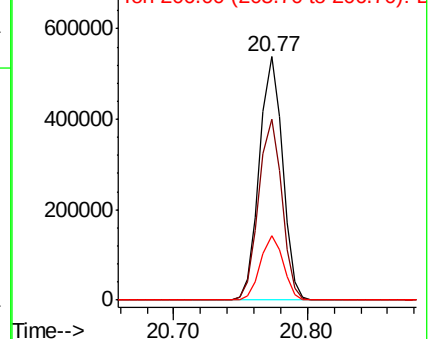


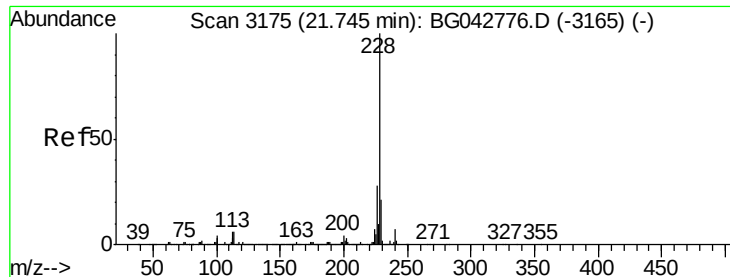
Abundance

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: 42.248 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

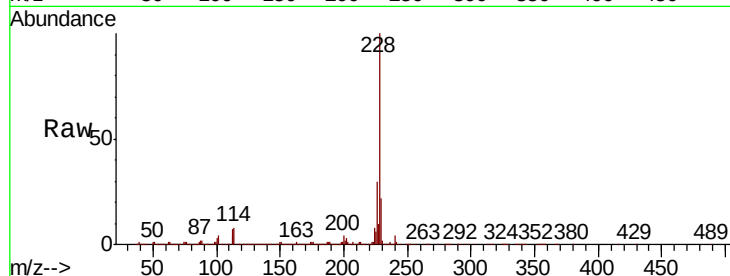
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1581257

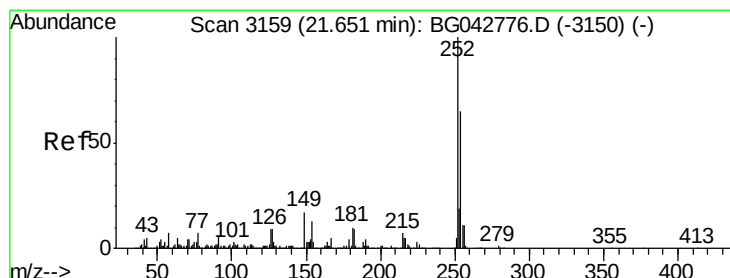
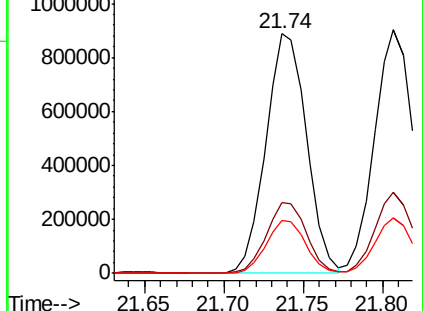
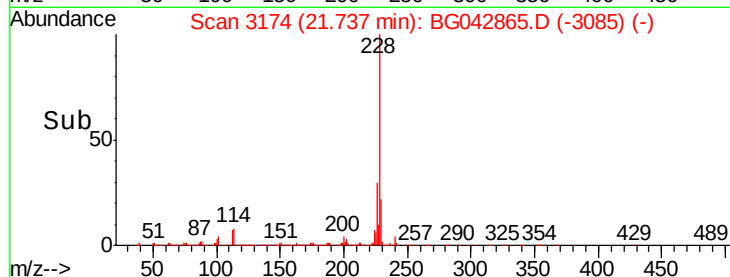
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.5	33.7
229	22.0	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.095 ng

RT: 21.65 min Scan# 3159

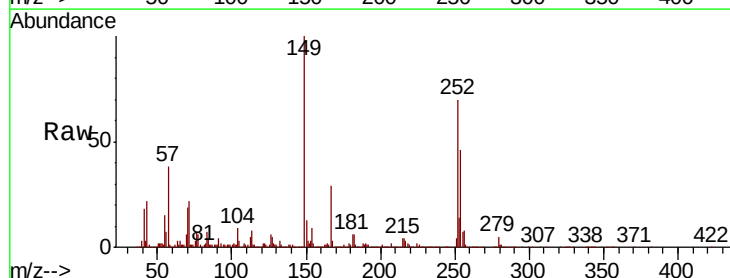
Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:252 Resp: 568647

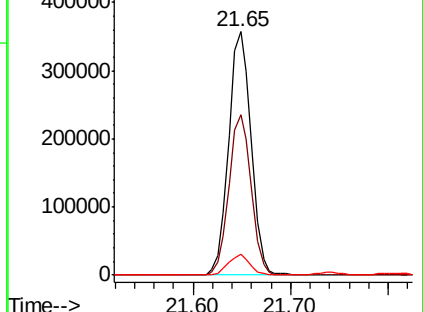
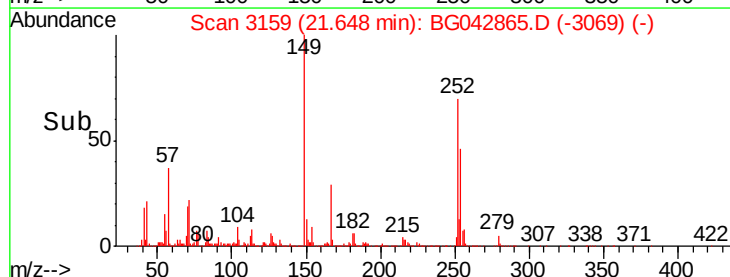
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.2	78.2
126	8.4	7.0	10.4

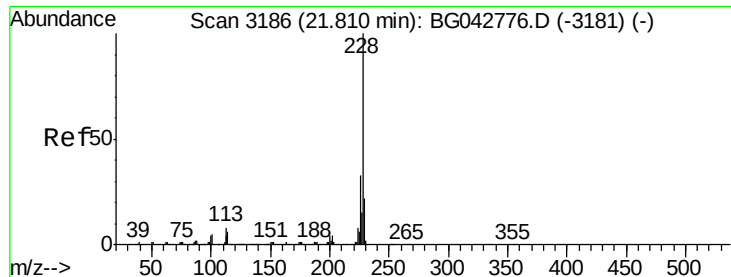


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.661 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

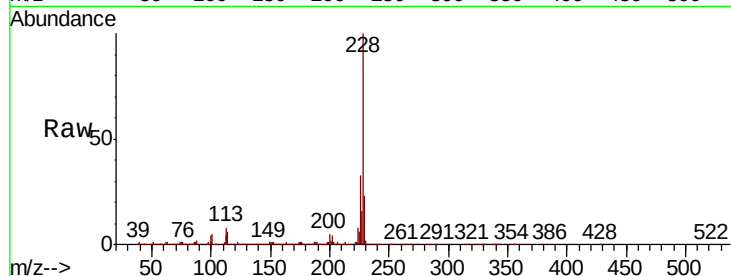
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1512453

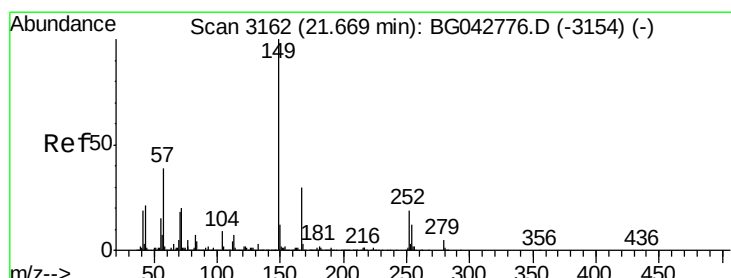
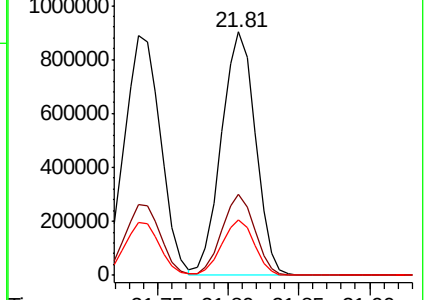
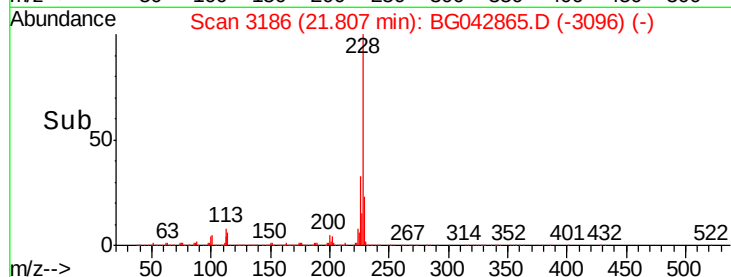
Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.0	39.0
229	22.8	17.1	25.7



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: 42.739 ng

RT: 21.65 min Scan# 3160

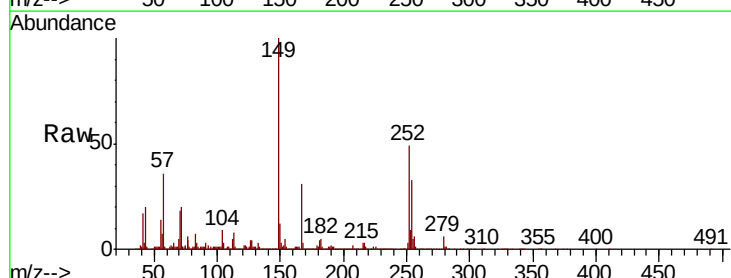
Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Tgt Ion:149 Resp: 871011

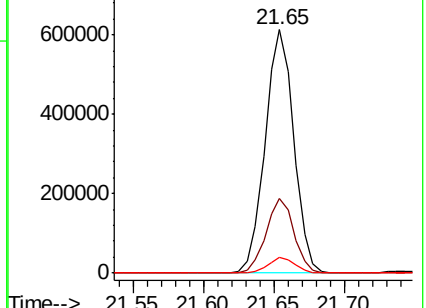
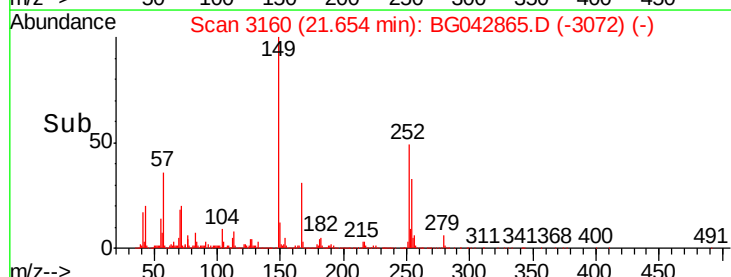
Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.3	36.5
279	6.3	4.2	6.4

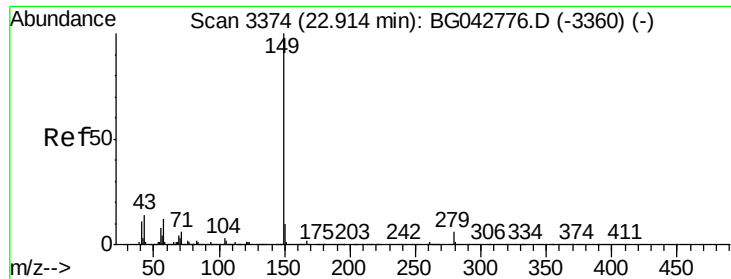


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

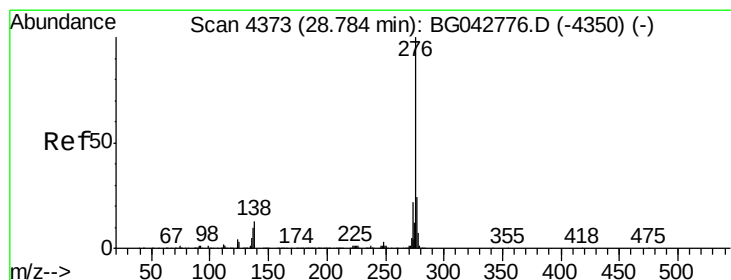
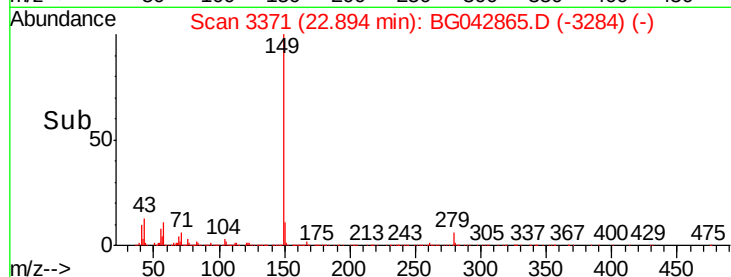
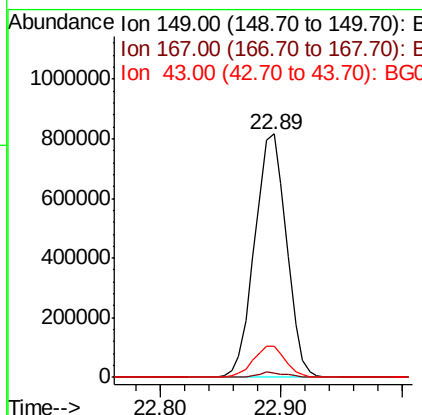
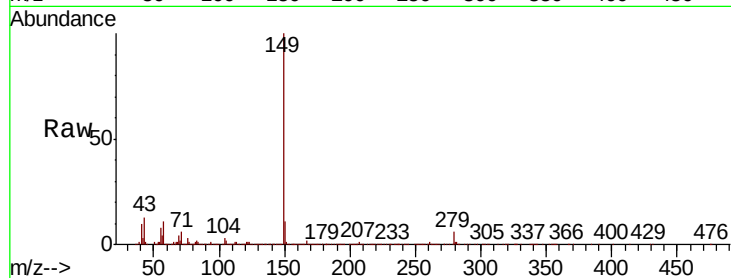




#85
Di-n-octyl phthalate
Concen: 42.835 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

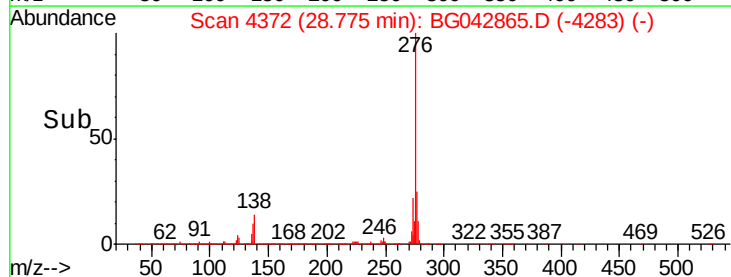
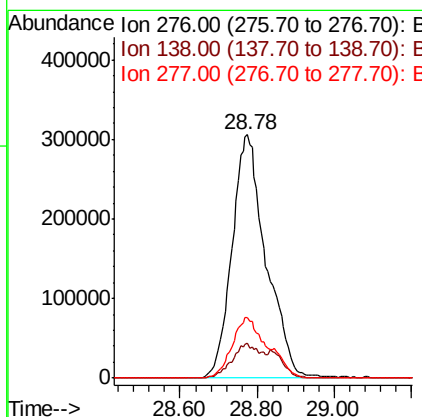
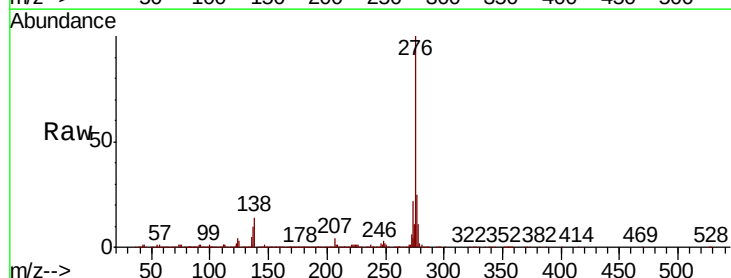
Instrument :
BNA_G
ClientSampleId :

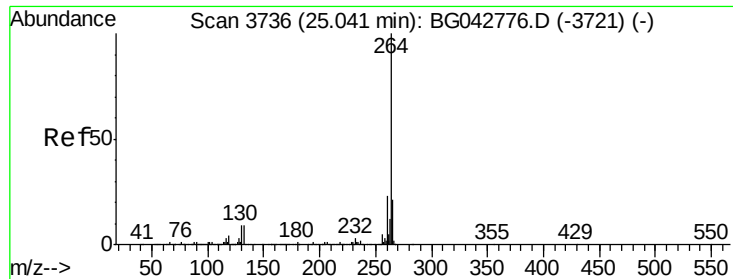
Tot Ion:149 Resp: 1488203
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 12.8 10.6 15.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.790 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion:276 Resp: 1878648
Ion Ratio Lower Upper
276 100
138 12.6 9.3 13.9
277 26.2 17.2 25.8#

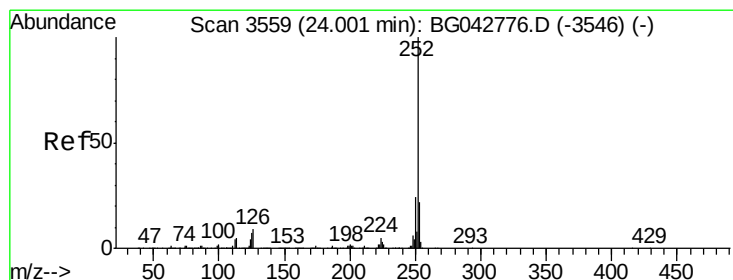
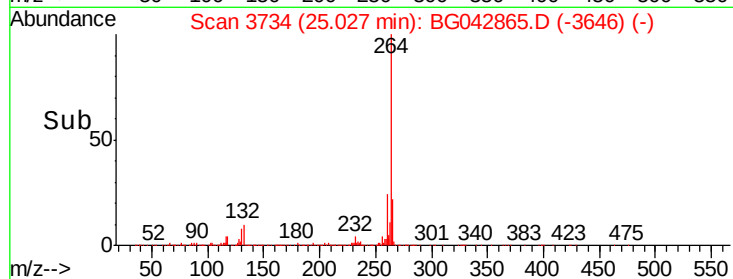
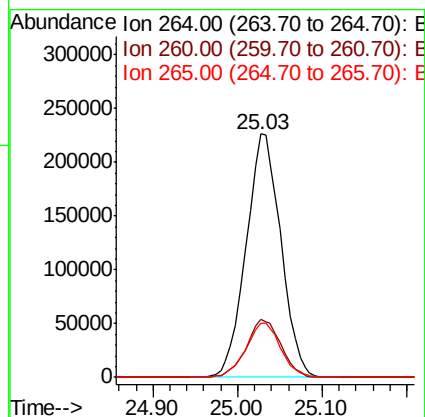
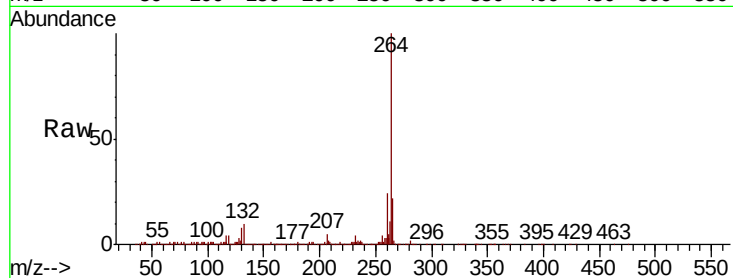




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

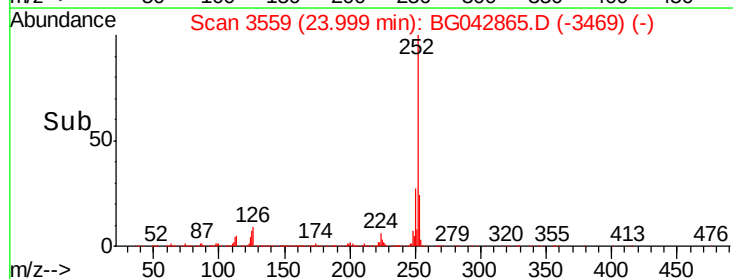
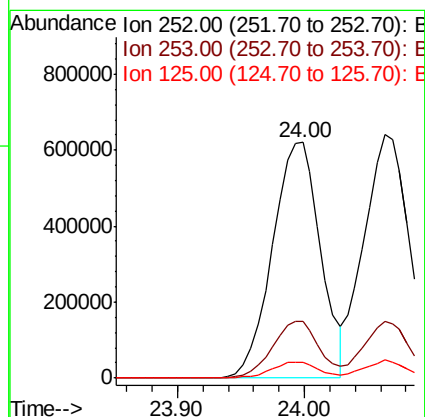
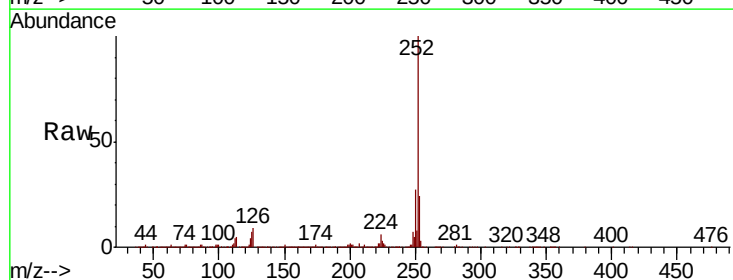
Instrument :
BNA_G
ClientSampleId :

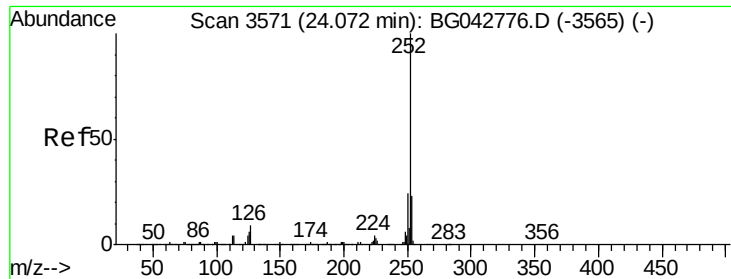
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	22.2	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 42.964 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BG042865.D
Acq: 17 Sep 2019 1:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	6.9	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 44.066 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampleId :

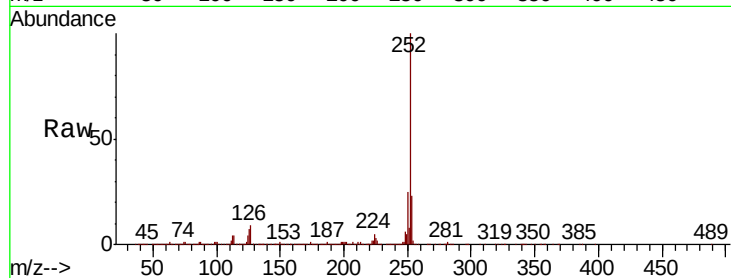
Tot Ion:252 Resp: 1583675

Ion Ratio Lower Upper

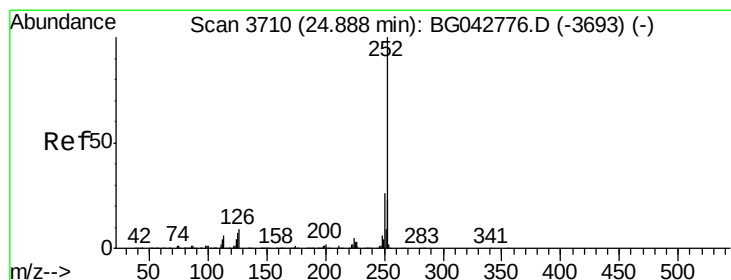
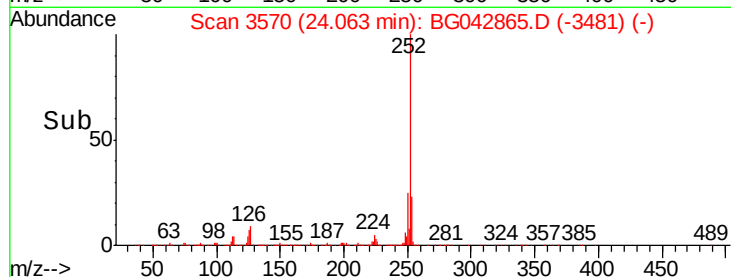
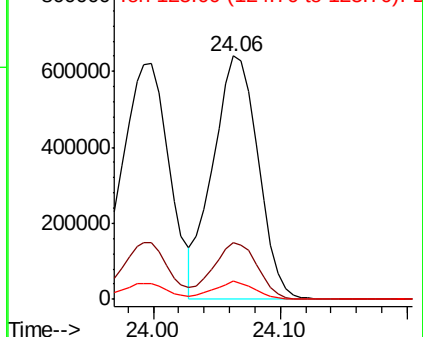
252 100

253 23.2 18.2 27.4

125 7.3 5.3 7.9



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: 44.616 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

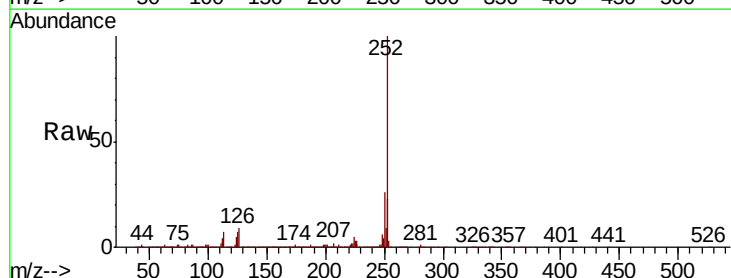
Tgt Ion:252 Resp: 1589455

Ion Ratio Lower Upper

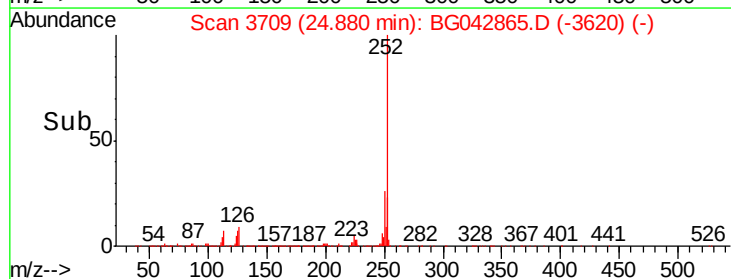
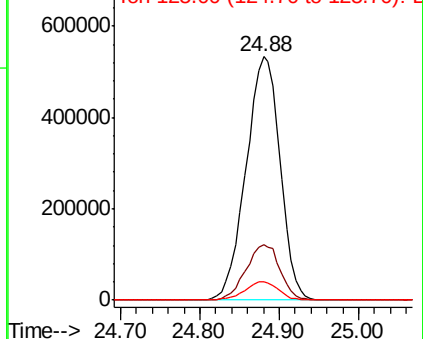
252 100

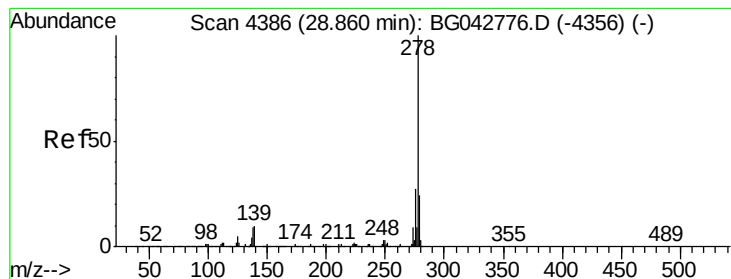
253 22.9 18.1 27.1

125 7.4 5.7 8.5



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: 44.781 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

Instrument :

BNA_G

ClientSampled :

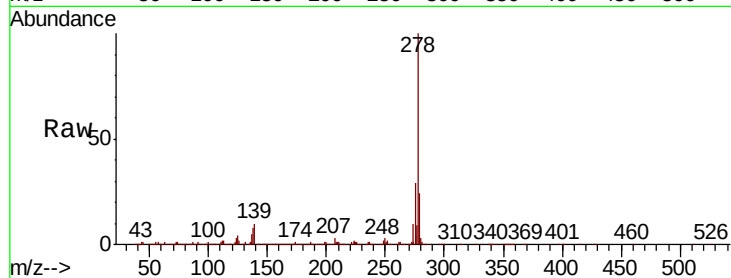
Tot Ion:278 Resp: 1569049

Ion Ratio Lower Upper

278 100

139 10.3 8.2 12.2

279 24.2 19.4 29.2

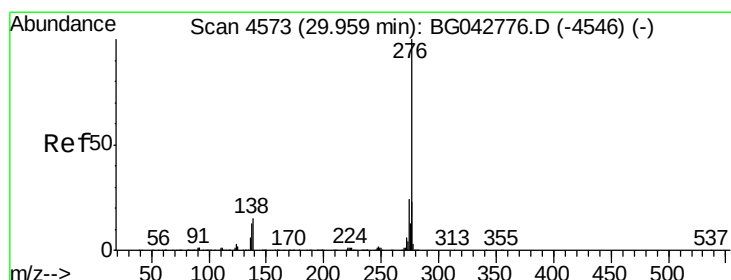
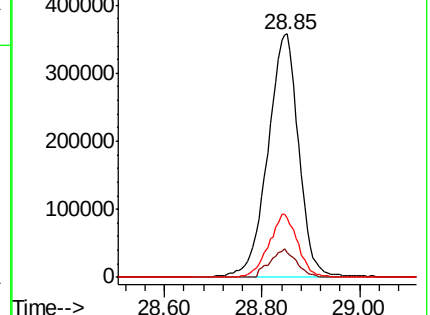
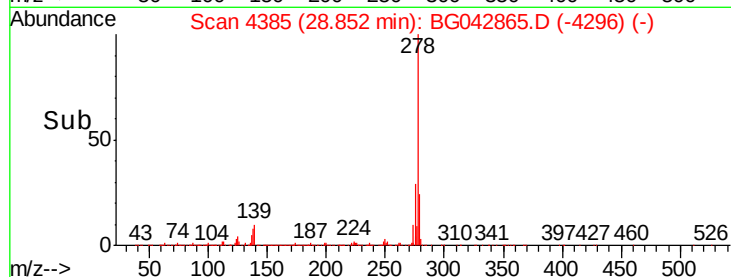


Abundance

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: 44.972 ng

RT: 29.94 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG042865.D

Acq: 17 Sep 2019 1:34

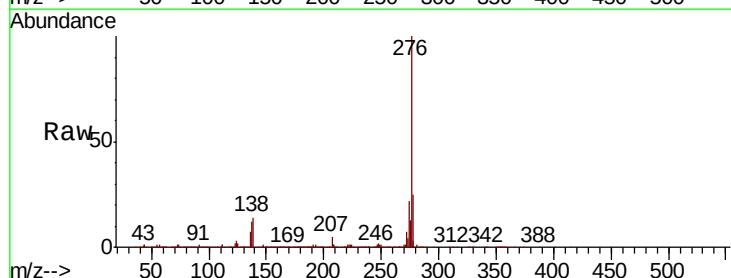
Tgt Ion:276 Resp: 1536994

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 13.9 11.8 17.8



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

