

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043865.D
 Acq On : 30 Dec 2019 13:22
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 30 14:03:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:43:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	177533	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	696292	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	436017	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	817014	20.00	ng	0.00
76) Chrysene-d12	21.60	240	692857	20.00	ng	0.00
87) Perylene-d12	24.72	264	792988	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1666843	171.27	ng	0.00
7) Phenol-d6	7.14	99	2275434	165.64	ng	0.01
23) Nitrobenzene-d5	9.13	82	2270312	181.28	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	841247	183.12	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	3587915	146.94	ng	0.00
79) Terphenyl-d14	19.96	244	3774232	121.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	386281	92.126	ng	99
3) Pyridine	3.83	79	1071025	85.487	ng	99
4) n-Nitrosodimethylamine	3.74	42	513238	92.539	ng	97
6) Aniline	7.30	93	1569013	86.874	ng	95
8) 2-Chlorophenol	7.54	128	999100	87.651	ng	98
9) Benzaldehyde	7.10	77	547508	60.820	ng	99
10) Phenol	7.16	94	1221682	86.289	ng	95
11) bis(2-Chloroethyl)ether	7.39	93	1060171	86.664	ng	96
12) 1,3-Dichlorobenzene	7.86	146	1166052	87.586	ng	97
13) 1,4-Dichlorobenzene	8.00	146	1154077	86.998	ng	97
14) 1,2-Dichlorobenzene	8.33	146	1101692	86.617	ng	97
15) Benzyl Alcohol	8.21	79	965049	89.250	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	1657187	87.268	ng	97
17) 2-Methylphenol	8.41	107	912089	88.902	ng	98
18) Hexachloroethane	9.05	117	477073	93.488	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	896065	87.344	ng	96
20) 3+4-Methylphenols	8.75	107	1249163	87.892	ng	96
22) Acetophenone	8.79	105	1558880	89.442	ng	# 92
24) Nitrobenzene	9.17	77	1203288	93.838	ng	98
25) Isophorone	9.70	82	2225893	90.802	ng	95
26) 2-Nitrophenol	9.88	139	631463	106.159	ng	99
27) 2,4-Dimethylphenol	9.94	122	872256	95.251	ng	99
28) bis(2-Chloroethoxy)methane	10.18	93	1466775	89.931	ng	96
29) 2,4-Dichlorophenol	10.42	162	1029771	94.290	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	1153232	94.608	ng	98
31) Naphthalene	10.82	128	2854097	84.612	ng	# 90
32) Benzoic acid	10.15	122	877286	123.199	ng	99
33) 4-Chloroaniline	10.92	127	1461922	90.372	ng	93
34) Hexachlorobutadiene	11.12	225	716665	97.141	ng	99
35) Caprolactam	11.73	113	311148	76.268	ng	98
36) 4-Chloro-3-methylphenol	12.05	107	1083017	92.068	ng	99
37) 2-Methylnaphthalene	12.43	142	2199024	86.375	ng	97
38) 1-Methylnaphthalene	12.64	142	2087561	86.383	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	1187026	93.662	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	692702	102.362	nq	96
43) 2,4,6-Trichlorophenol	13.03	196	848107	96.684	nq	98
44) 2,4,5-Trichlorophenol	13.10	196	850657	94.662	nq	97
46) 1,1'-Biphenyl	13.44	154	2609710	83.372	nq	86
47) 2-Chloronaphthalene	13.48	162	2179294	86.350	nq	89
48) 2-Nitroaniline	13.67	65	768562	95.079	nq	97
49) Acenaphthylene	14.32	152	2928086	80.029	nq #	84
50) Dimethylphthalate	14.07	163	2513679	80.683	nq #	94
51) 2,6-Dinitrotoluene	14.17	165	650260	92.343	nq	99
52) Acenaphthene	14.67	154	2261482	88.472	nq	95
53) 3-Nitroaniline	14.50	138	725112	91.068	nq	99
54) 2,4-Dinitrophenol	14.70	184	358139	114.868	nq	97
55) Dibenzofuran	15.00	168	2776286	78.611	nq #	84
56) 4-Nitrophenol	14.81	139	581103	95.169	nq	100
57) 2,4-Dinitrotoluene	14.96	165	879289	92.644	nq	95
58) Fluorene	15.65	166	2238171	79.911	nq #	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	719281	91.650	nq	99
60) Diethylphthalate	15.43	149	2503929	80.499	nq #	90
61) 4-Chlorophenyl-phenylether	15.64	204	1291012	85.721	nq	94
62) 4-Nitroaniline	15.67	138	702393	89.943	nq	98
63) Azobenzene	15.93	77	2347274	81.218	nq	88
65) 4,6-Dinitro-2-methylphenol	15.72	198	442958	114.226	nq	94
66) n-Nitrosodiphenylamine	15.86	169	2120487	88.267	nq	93
67) 4-Bromophenyl-phenylether	16.53	248	862772	94.633	nq	98
68) Hexachlorobenzene	16.66	284	928056	93.970	nq	98
69) Atrazine	16.80	200	626704	79.549	nq	99
70) Pentachlorophenol	16.99	266	564675	104.426	nq	99
71) Phenanthrene	17.39	178	3142383	80.157	nq #	82
72) Anthracene	17.48	178	3069394	79.084	nq #	83
73) Carbazole	17.74	167	2903731	81.803	nq #	86
74) Di-n-butylphthalate	18.31	149	3280541	76.847	nq #	85
75) Fluoranthene	19.39	202	3346133	79.148	nq	84
77) Benzidine	19.57	184	1557126	84.199	nq #	91
78) Pyrene	19.75	202	3330789	76.492	nq #	78
80) Butylbenzylphthalate	20.65	149	1863597	87.714	nq #	93
81) Benzo(a)anthracene	21.58	228	3489960	81.270	nq #	82
82) 3,3'-Dichlorobenzidine	21.49	252	1479143	86.805	nq	93
83) Chrysene	21.65	228	3240216	79.326	nq #	80
84) Bis(2-ethylhexyl)phthalate	21.50	149	2380485	80.718	nq #	85
85) Di-n-octyl phthalate	22.70	149	4004852	80.739	nq #	92
86) Indeno(1,2,3-cd)pyrene	28.29	276	5227000	93.905	nq #	91
88) Benzo(b)fluoranthene	23.74	252	4151878	89.180	nq #	91
89) Benzo(k)fluoranthene	23.81	252	3741441	83.782	nq #	90
90) Benzo(a)pyrene	24.59	252	3926501	89.133	nq	92
91) Dibenzo(a,h)anthracene	28.37	278	4093839	91.870	nq	95
92) Benzo(g,h,i)perylene	29.42	276	4163715	94.540	nq	97

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

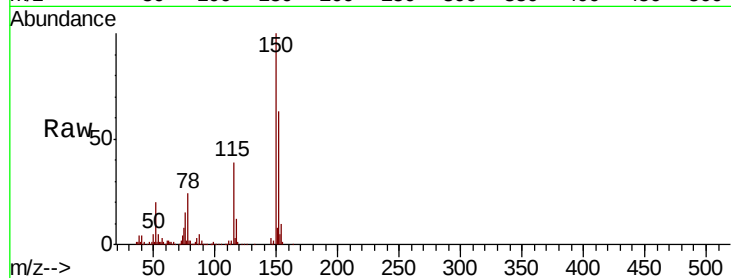


#1

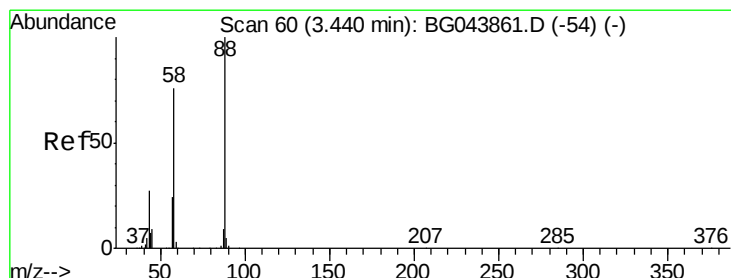
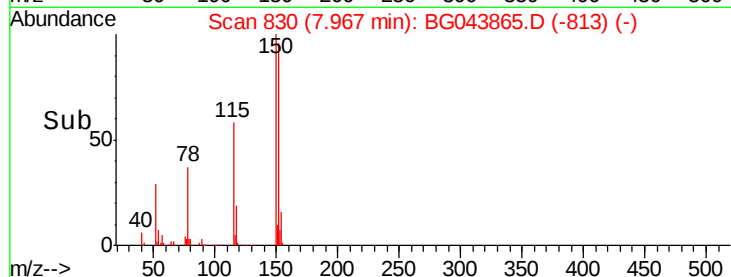
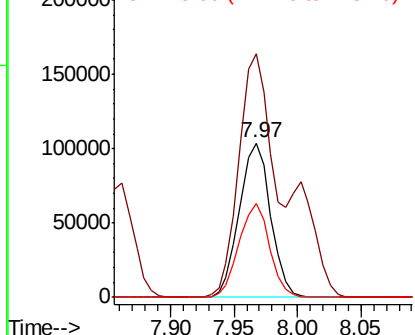
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 177533
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.4
115 61.0 47.8 71.8



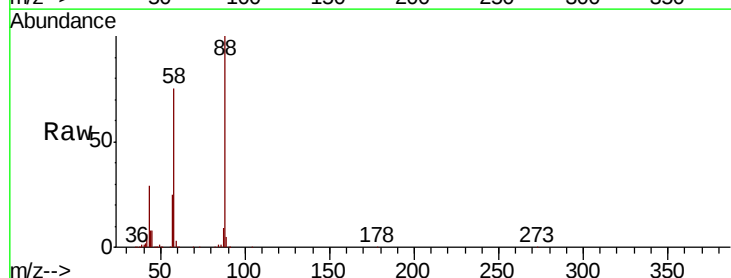
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



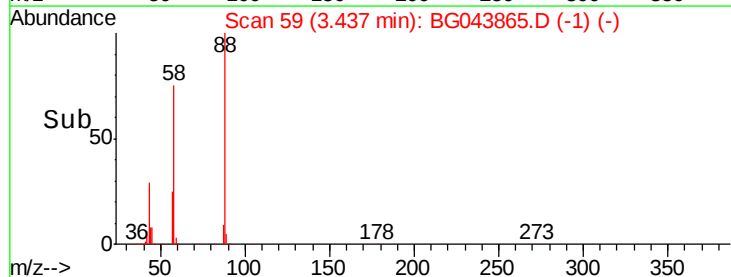
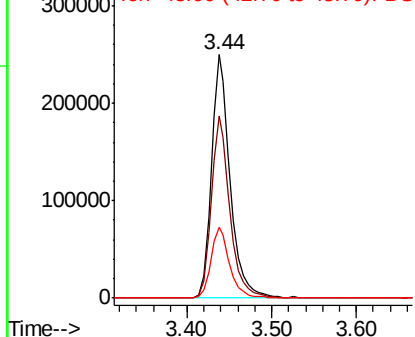
#2

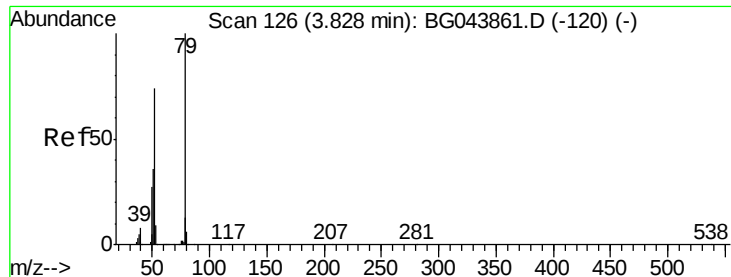
1,4-Dioxane
Concen: 92.126 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion: 88 Resp: 386281
Ion Ratio Lower Upper
88 100
58 75.0 59.8 89.8
43 29.4 22.9 34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 85.487 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

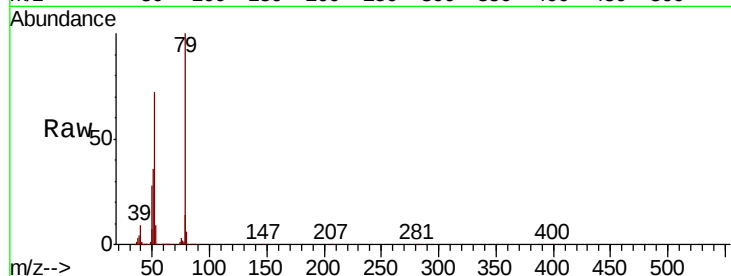
Tot Ion: 79 Resp: 1071025

Ion Ratio Lower Upper

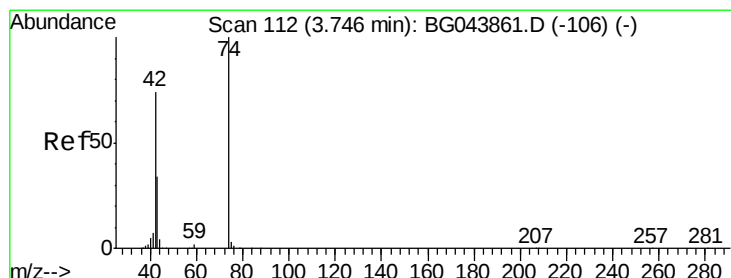
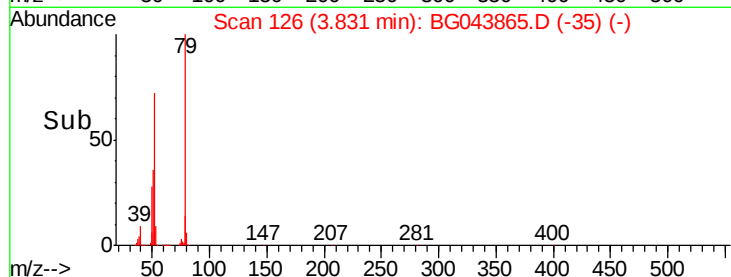
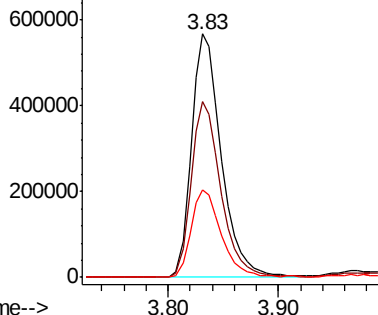
79 100

52 72.3 58.9 88.3

51 36.1 28.6 43.0



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



#4

n-Nitrosodimethylamine

Concen: 92.539 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

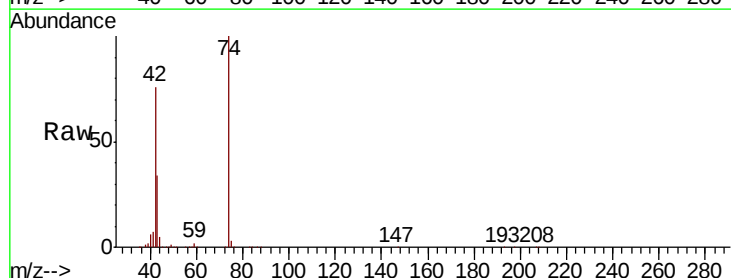
Tgt Ion: 42 Resp: 513238

Ion Ratio Lower Upper

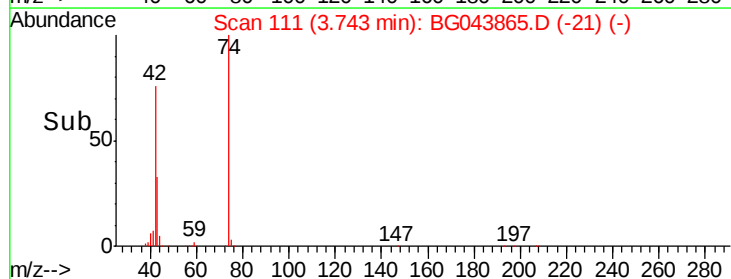
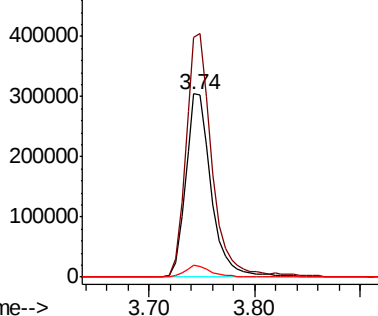
42 100

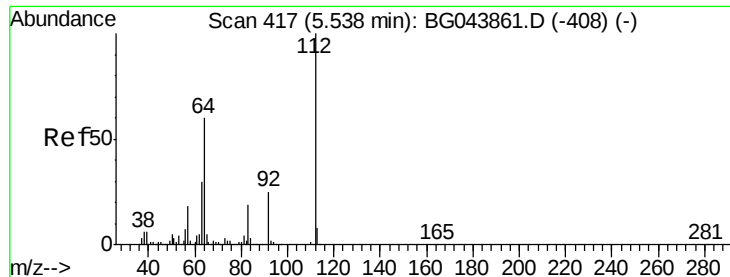
74 131.4 108.6 162.8

44 6.5 5.0 7.6



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





#5

2-Fluorophenol

Concen: 171.274 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

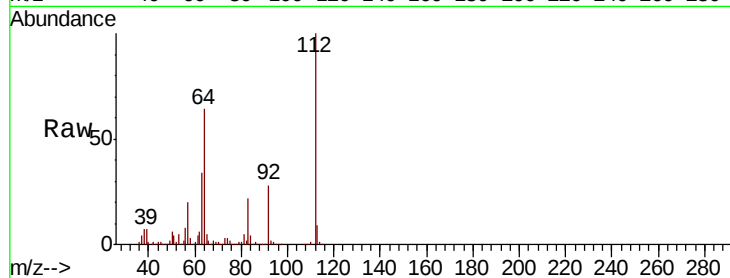
Tot Ion:112 Resp: 1666843

Ion Ratio Lower Upper

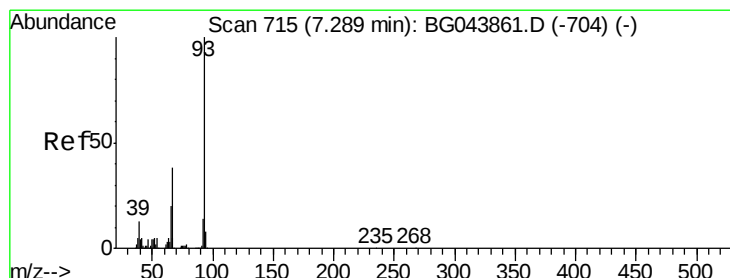
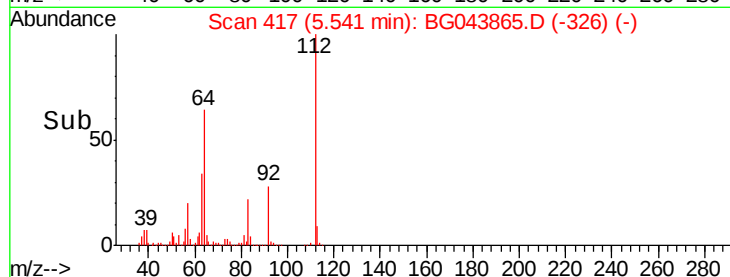
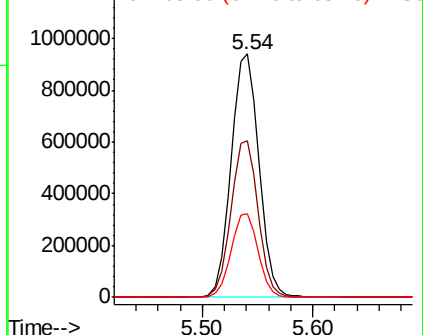
112 100

64 64.4 47.8 71.6

63 34.5 24.3 36.5



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



#6

Aniline

Concen: 86.874 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

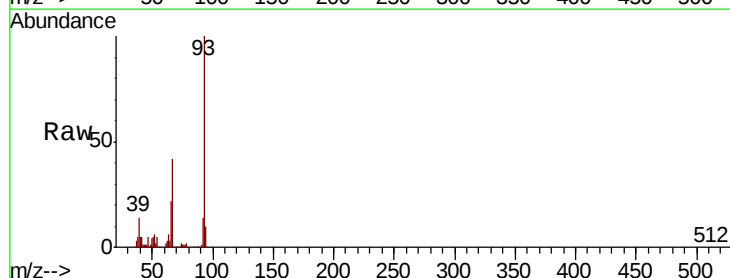
Tgt Ion: 93 Resp: 1569013

Ion Ratio Lower Upper

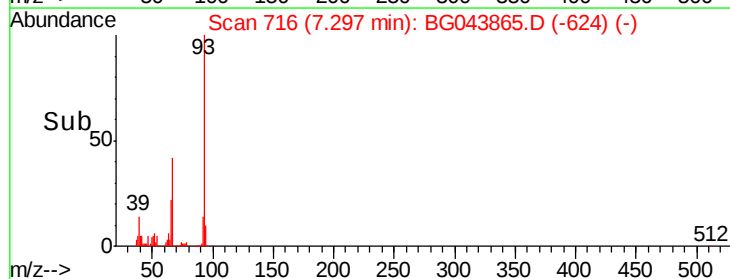
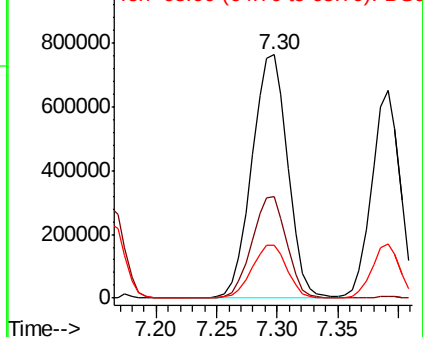
93 100

66 41.7 30.8 46.2

65 21.9 16.0 24.0



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





#7

Phenol-d6

Concen: 165.644 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

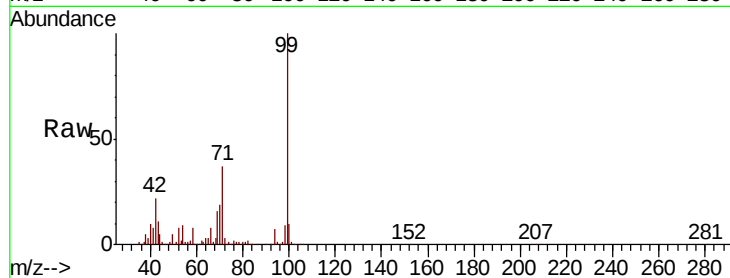
Tot Ion: 99 Resp: 2275434

Ion Ratio Lower Upper

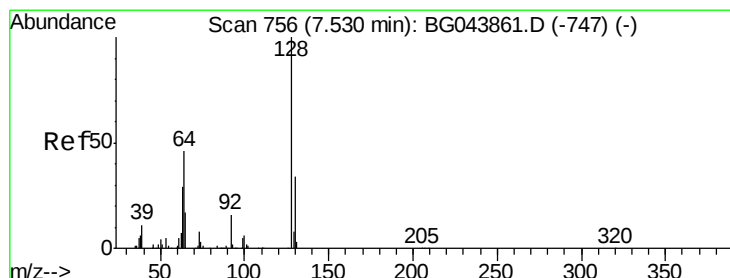
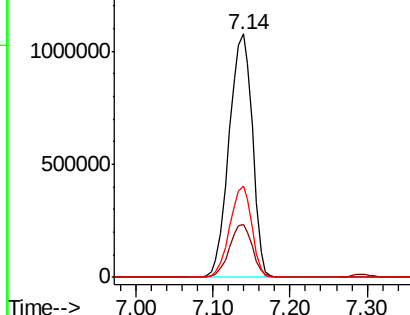
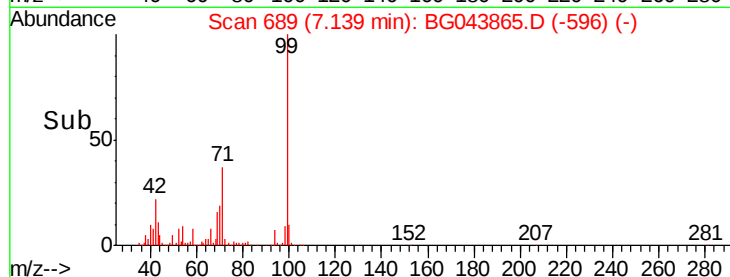
99 100

42 22.0 14.9 22.3

71 37.3 26.4 39.6



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



#8

2-Chlorophenol

Concen: 87.651 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

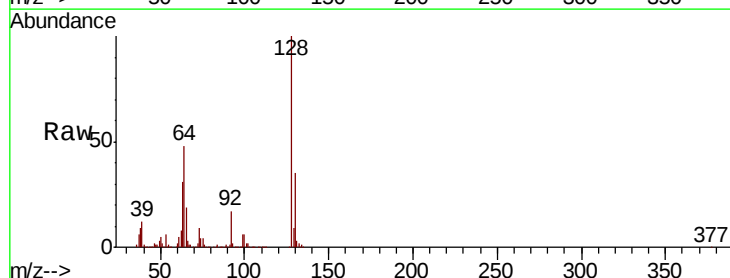
Tgt Ion:128 Resp: 999100

Ion Ratio Lower Upper

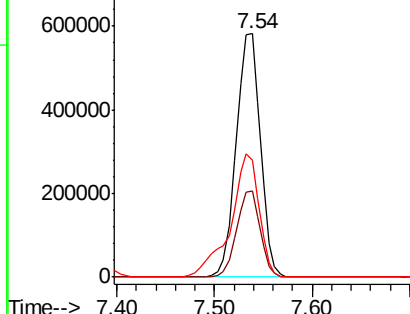
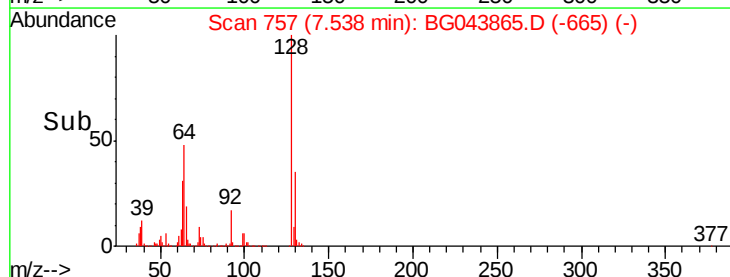
128 100

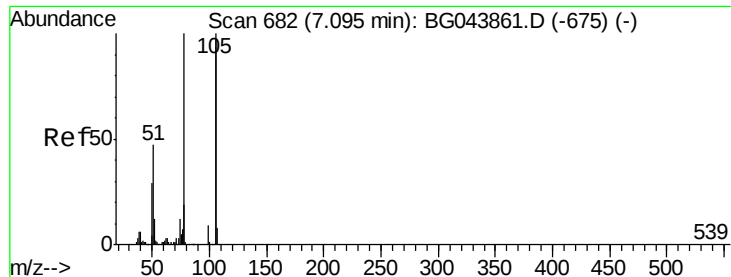
130 35.3 13.8 53.8

64 48.3 27.6 67.6



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: 60.820 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

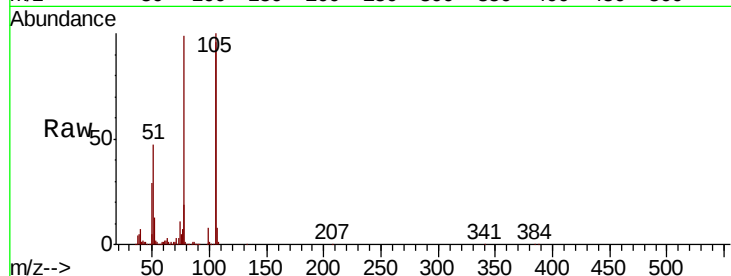
Tot Ion: 77 Resp: 547508

Ion Ratio Lower Upper

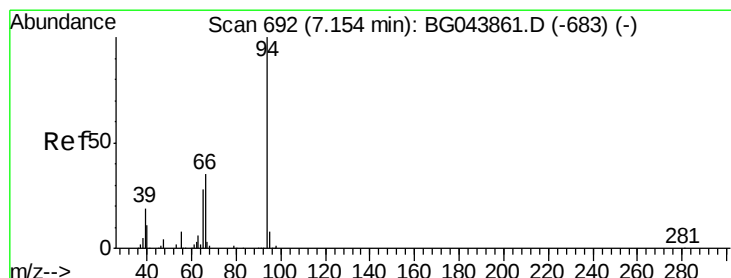
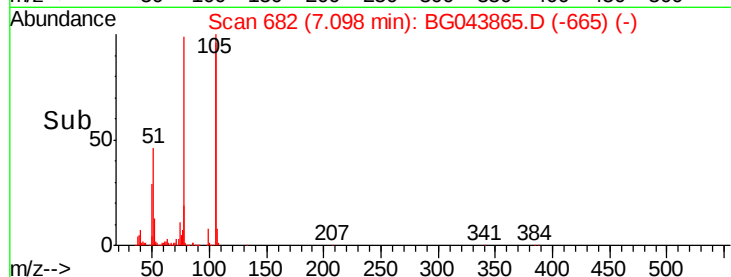
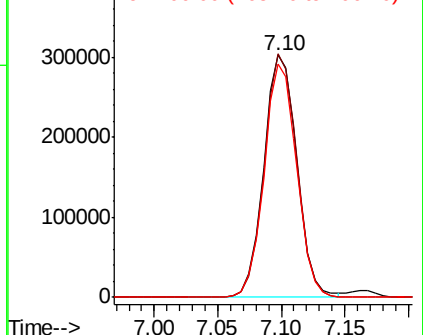
77 100

105 100.7 80.2 120.2

106 96.6 77.2 117.2



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



#10

Phenol

Concen: 86.289 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

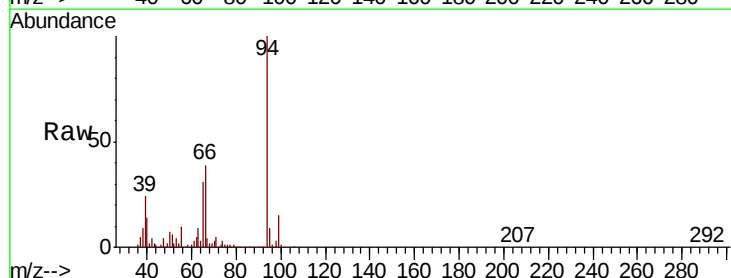
Tgt Ion: 94 Resp: 1221682

Ion Ratio Lower Upper

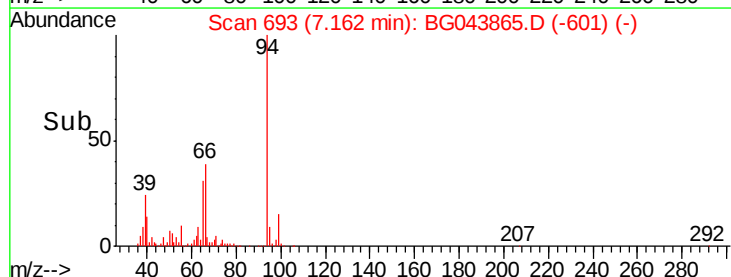
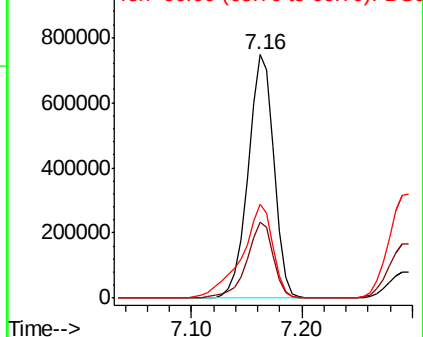
94 100

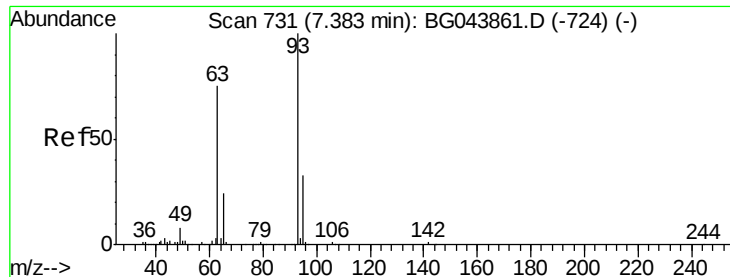
65 31.1 8.1 48.1

66 38.5 15.6 55.6



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

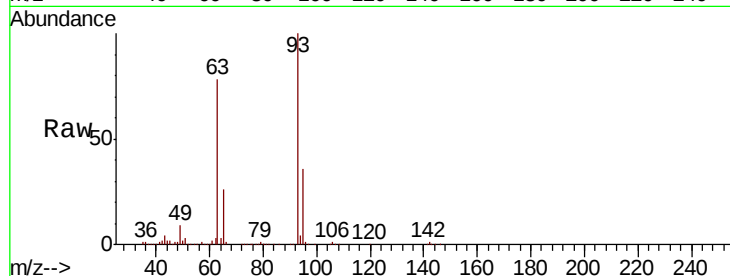




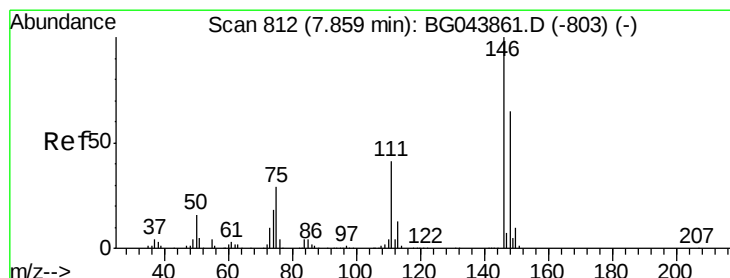
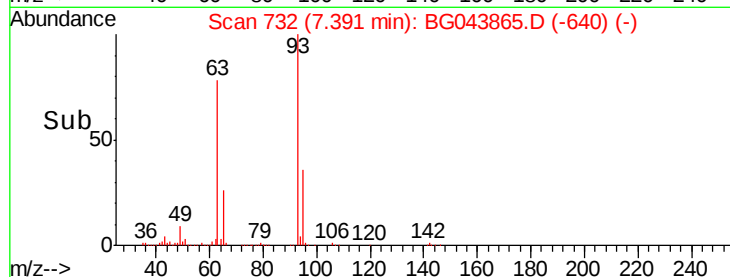
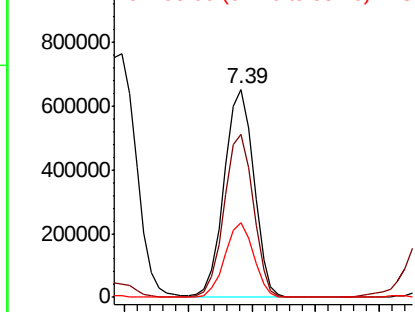
#11
bis(2-Chloroethyl)ether
Concen: 86.664 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 1060171
Ion Ratio Lower Upper
93 100
63 78.3 55.0 95.0
95 36.0 13.3 53.3

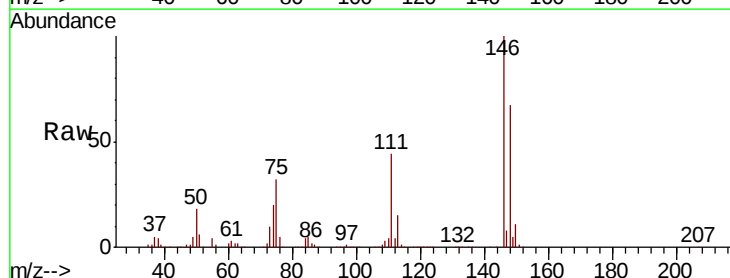


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

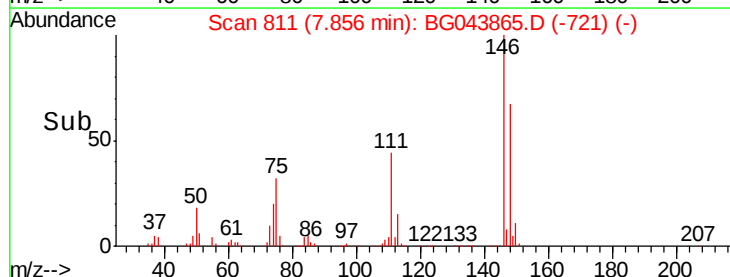
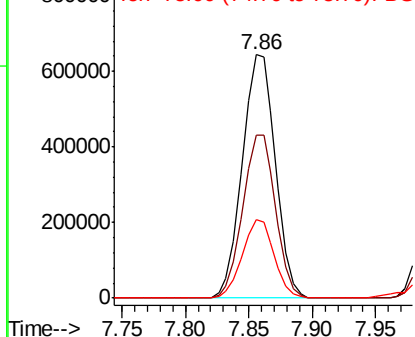


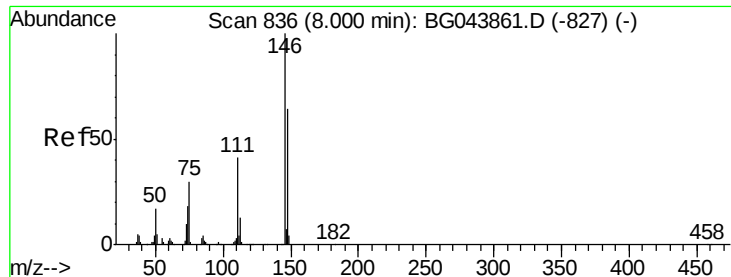
#12
1,3-Dichlorobenzene
Concen: 87.586 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion: 146 Resp: 1166052
Ion Ratio Lower Upper
146 100
148 66.7 52.1 78.1
75 32.1 23.0 34.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 86.998 ng

RT: 8.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

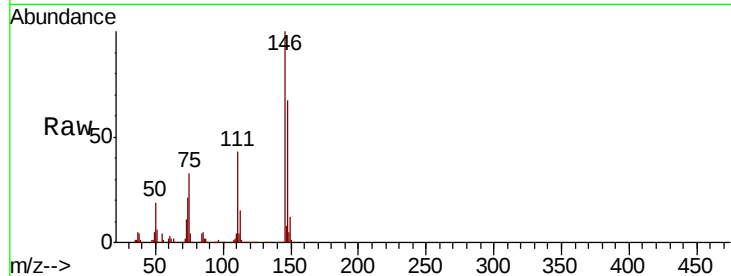
Tot Ion:146 Resp: 1154077

Ion Ratio Lower Upper

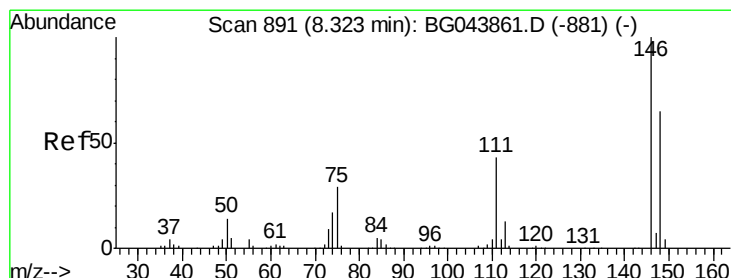
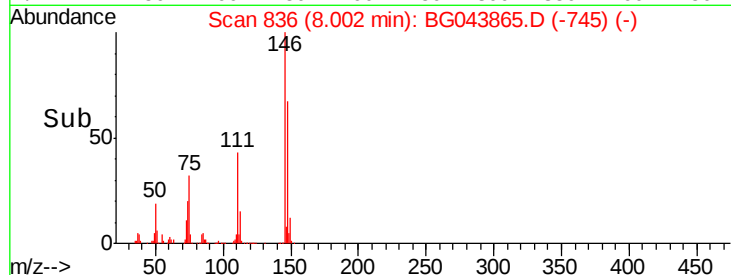
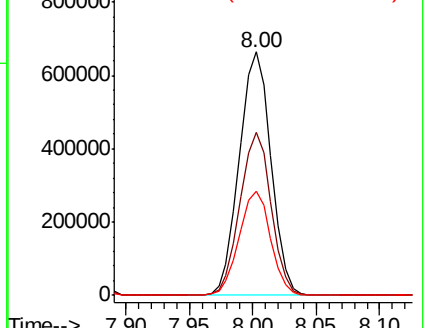
146 100

148 66.9 51.2 76.8

111 42.8 33.1 49.7



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



#14

1,2-Dichlorobenzene

Concen: 86.617 ng

RT: 8.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

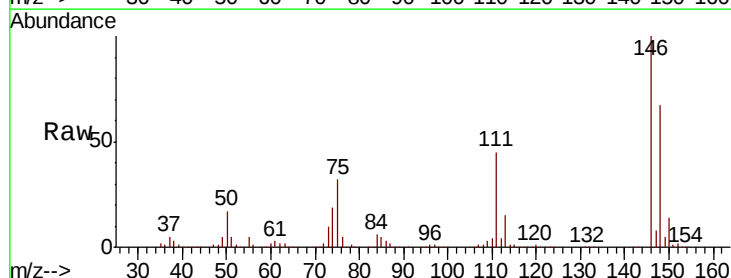
Tgt Ion:146 Resp: 1101692

Ion Ratio Lower Upper

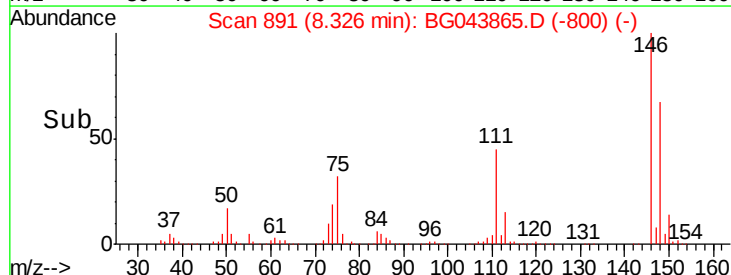
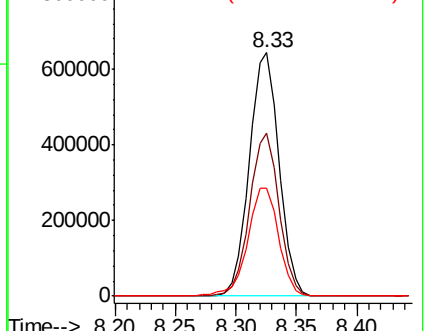
146 100

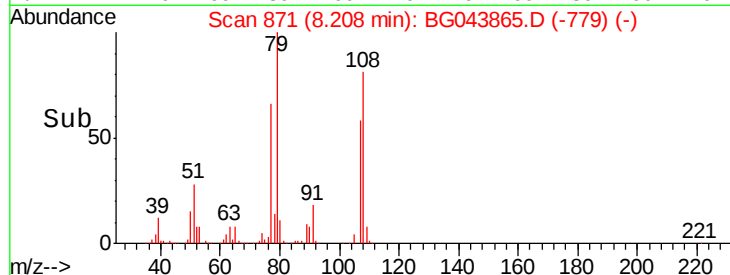
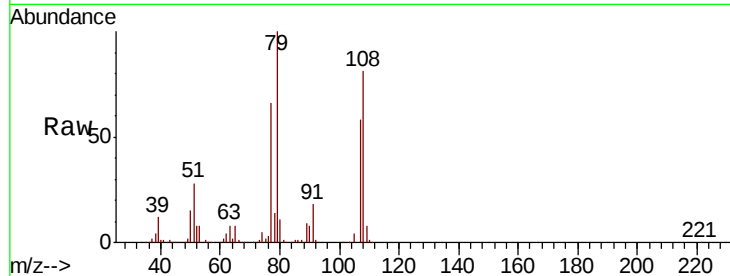
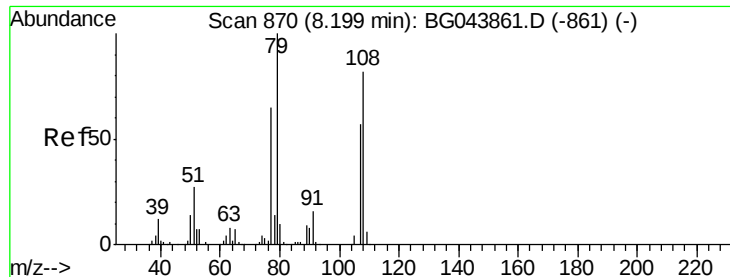
148 67.0 51.7 77.5

111 44.5 34.4 51.6



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

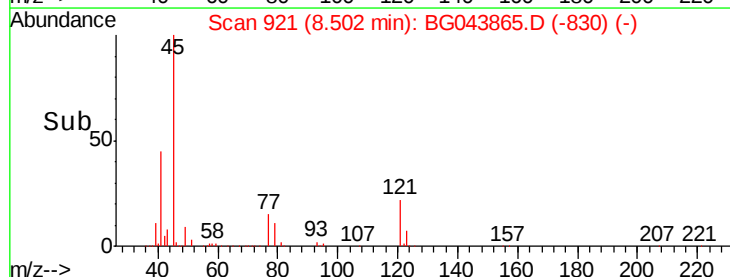
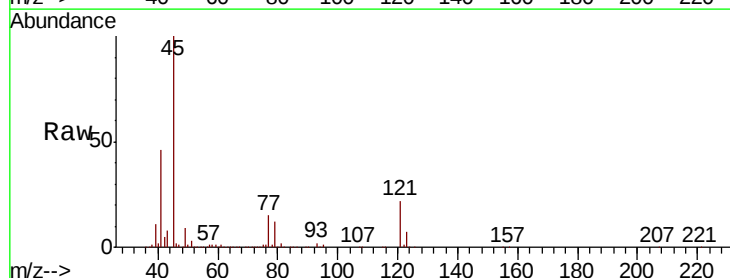
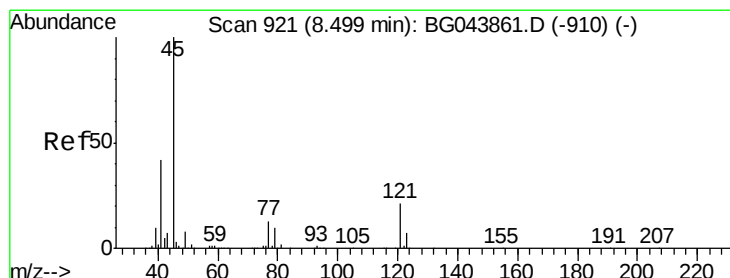
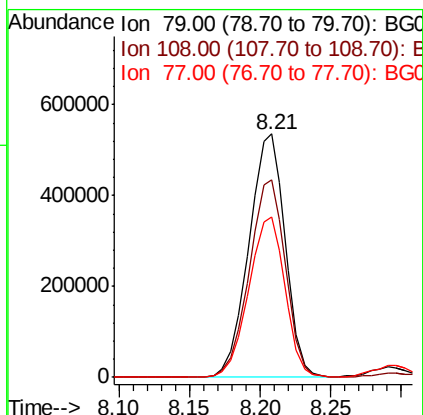




#15
Benzyl Alcohol
Concen: 89.250 ng
RT: 8.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

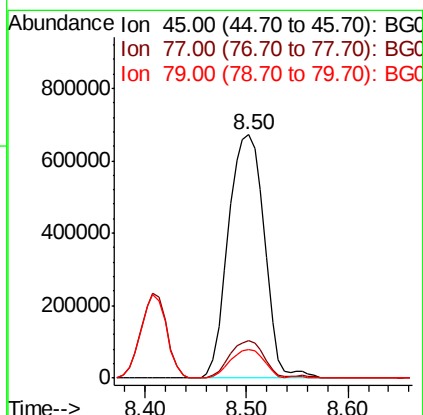
Instrument :
BNA_G
ClientSampleId :

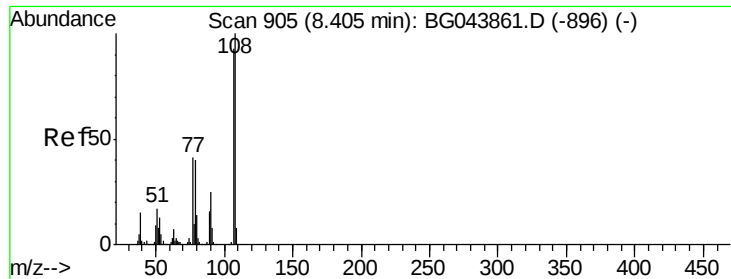
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	65.6	98.4
77	65.7	52.0	78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 87.268 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	33.8
79	11.6	0.0	31.0





#17

2-Methylphenol

Concen: 88.902 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 912089

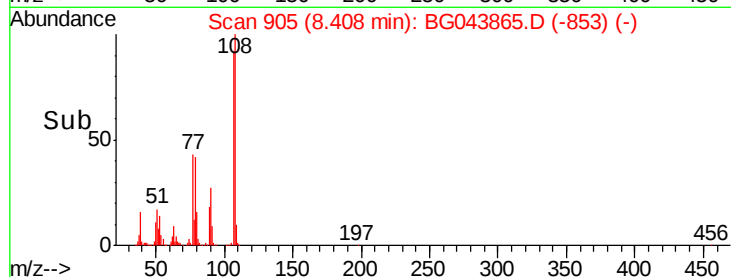
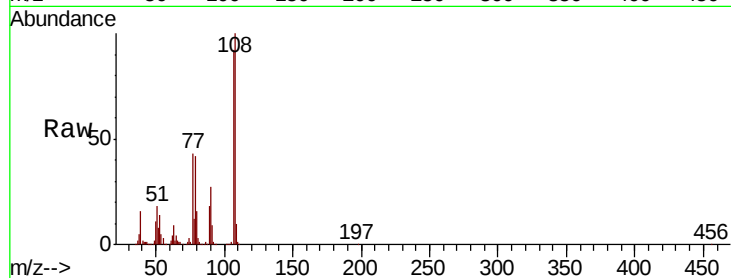
Ion Ratio Lower Upper

107 100

108 109.0 86.1 129.1

77 46.3 35.4 53.0

79 45.3 34.8 52.2



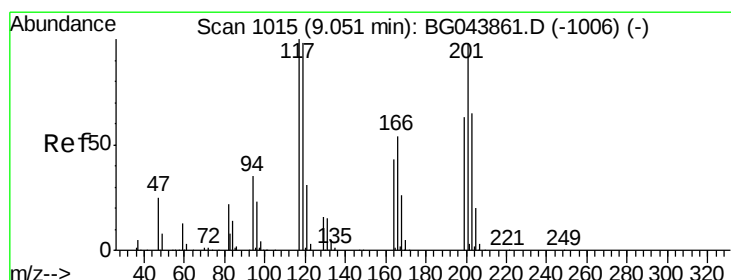
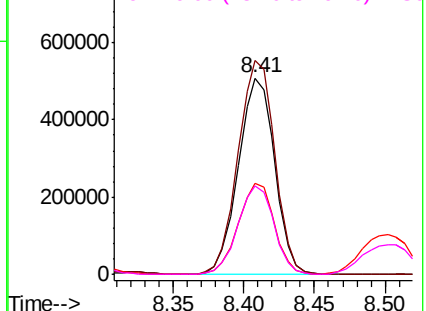
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 93.488 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

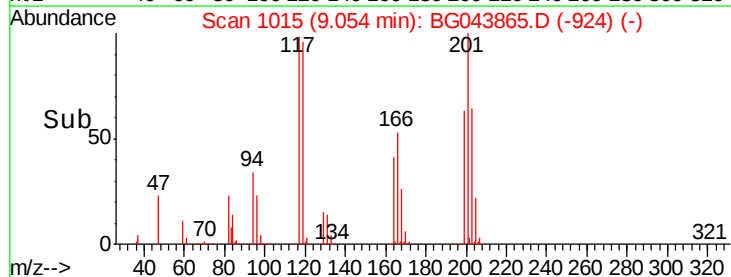
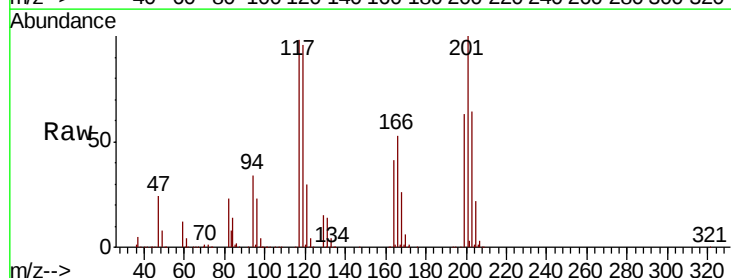
Tgt Ion:117 Resp: 477073

Ion Ratio Lower Upper

117 100

119 97.5 78.1 117.1

201 101.9 78.6 117.8

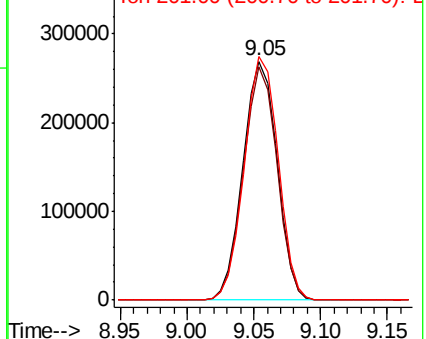


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

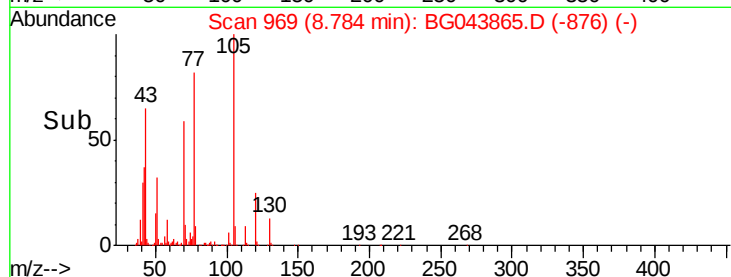
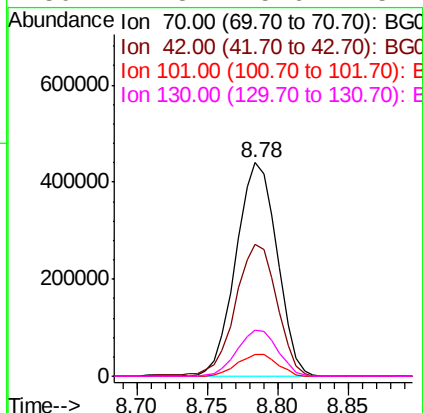
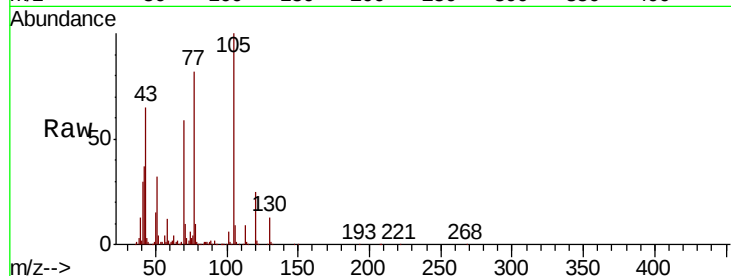




#19
n-Nitroso-di-n-propylamine
Concen: 87.344 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

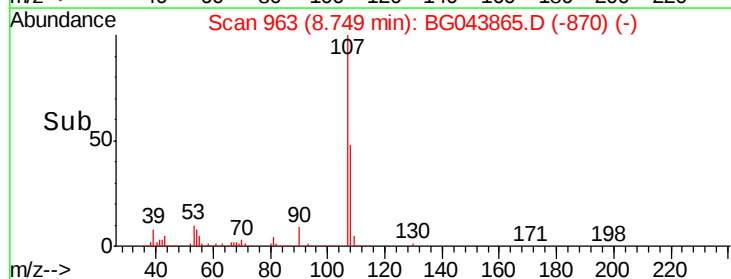
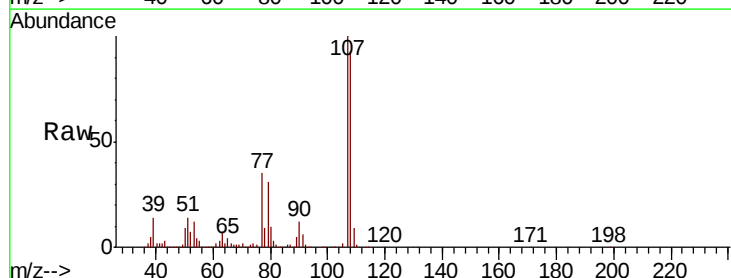
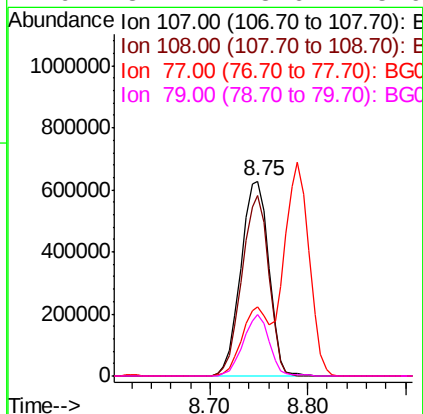
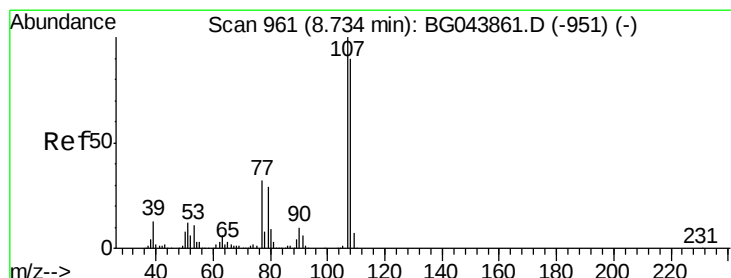
Instrument :
BNA_G
ClientSampleId :

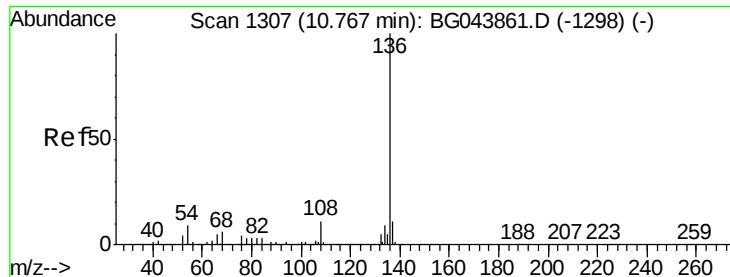
Tot Ion:	70	Resp:	896065
Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.0	70.4
101	10.1	7.2	10.8
130	21.8	15.6	23.4



#20
3+4-Methylphenols
Concen: 87.892 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:	107	Resp:	1249163
Ion	Ratio	Lower	Upper
107	100		
108	92.7	70.3	110.3
77	35.3	12.4	52.4
79	31.4	8.6	48.6

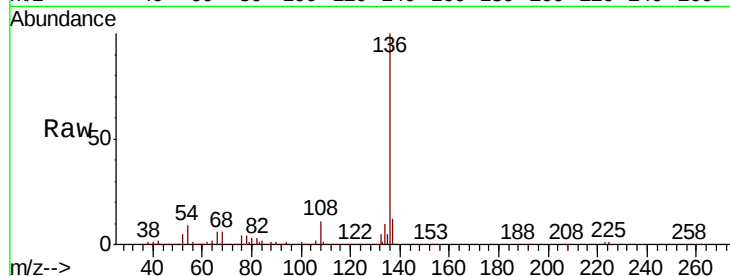




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 696292
Ion Ratio	Lower Upper
136 100	
137 11.8	8.8 13.2
54 8.5	7.0 10.4
68 6.5	4.9 7.3



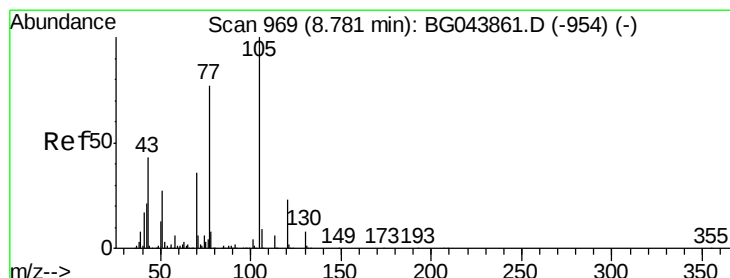
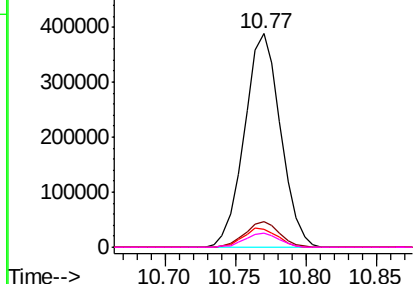
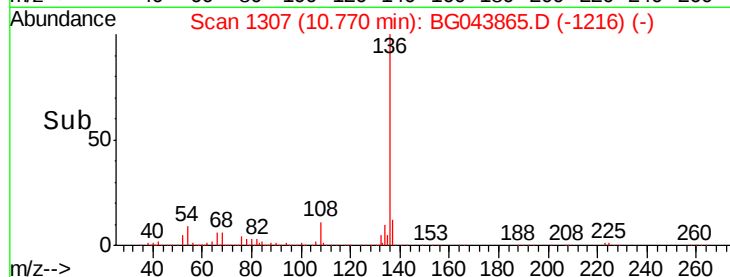
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

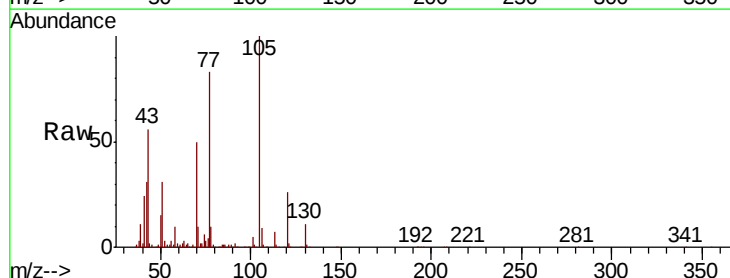
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 89.442 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt	Ion:105	Resp:	1558880
Ion	Ratio	Lower	Upper
105	100		
71	9.6	4.8	7.2#
51	31.5	21.4	32.0
120	26.3	18.6	28.0



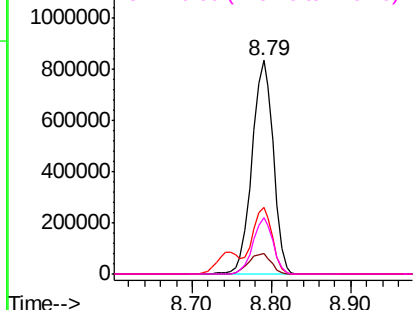
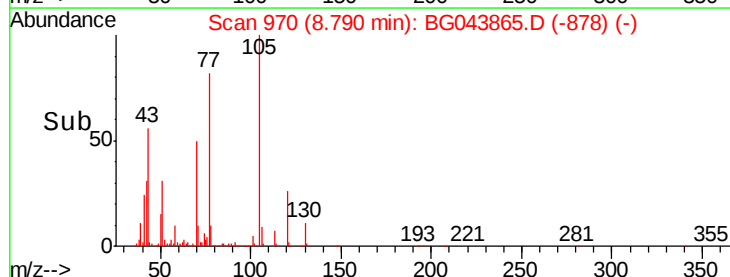
Abundance

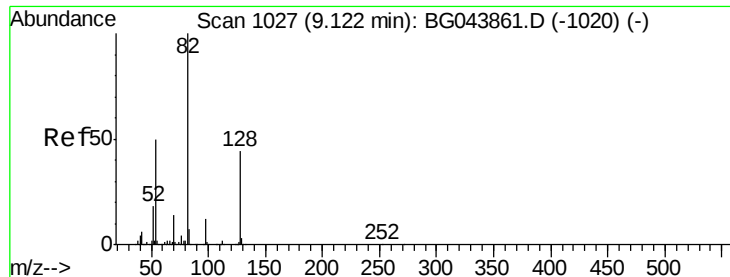
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

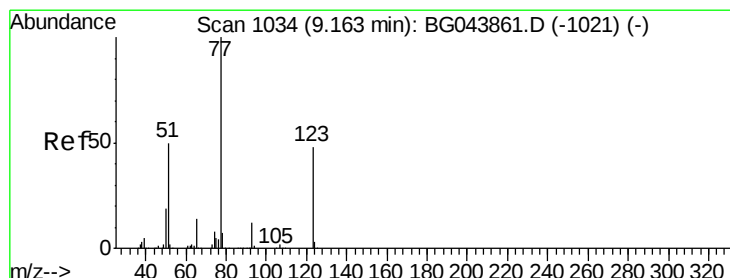
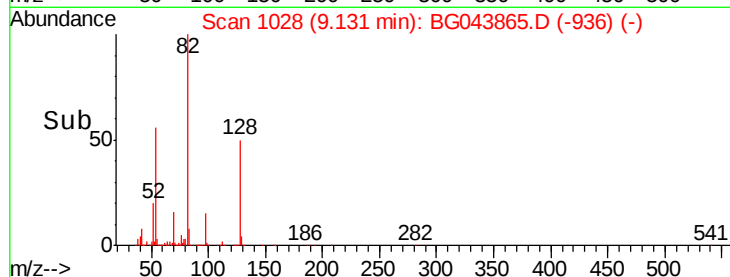
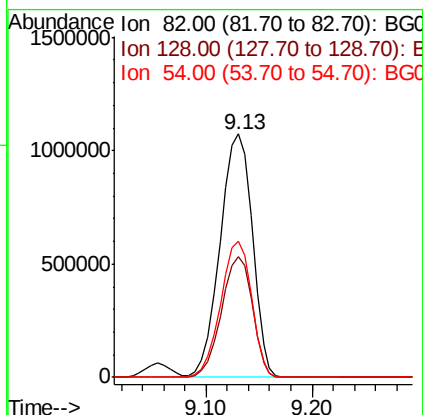
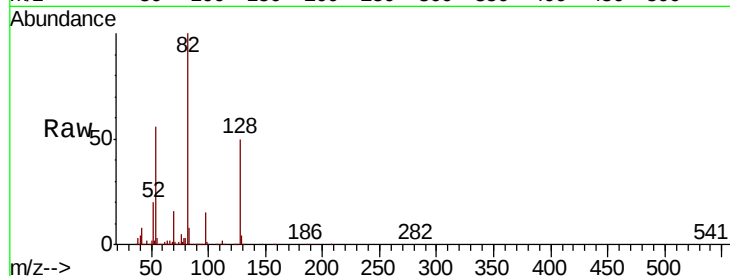




#23
 Nitrobenzene-d5
 Concen: 181.276 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

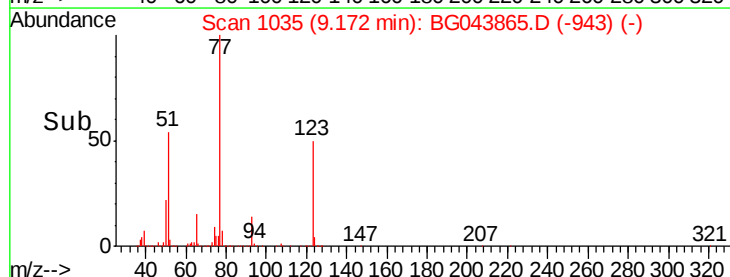
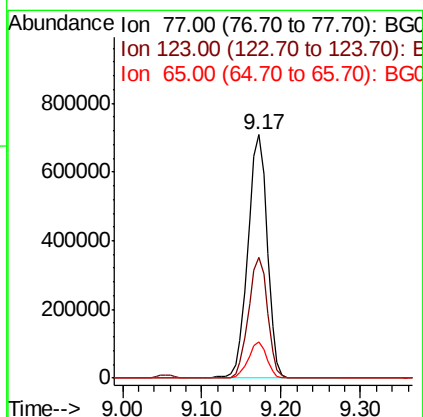
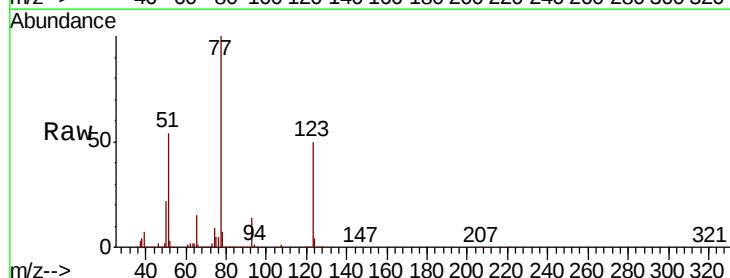
Instrument :
 BNA_G
 ClientSampled :

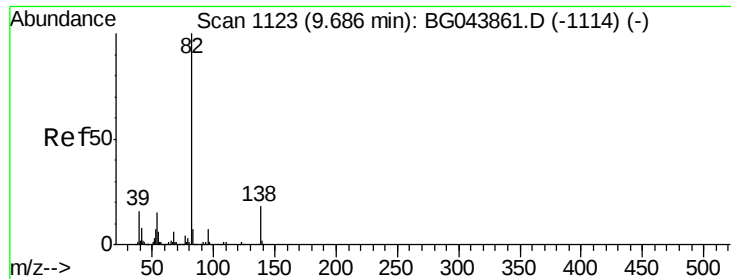
Tot Ion: 82 Resp: 2270312
 Ion Ratio Lower Upper
 82 100
 128 49.7 35.1 52.7
 54 56.0 40.1 60.1



#24
 Nitrobenzene
 Concen: 93.838 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Tgt Ion: 77 Resp: 1203288
 Ion Ratio Lower Upper
 77 100
 123 49.8 38.7 58.1
 65 14.7 11.1 16.7

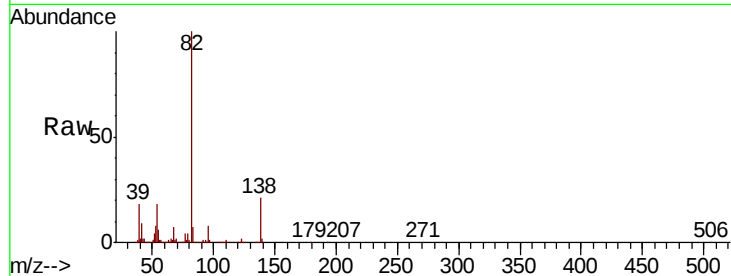




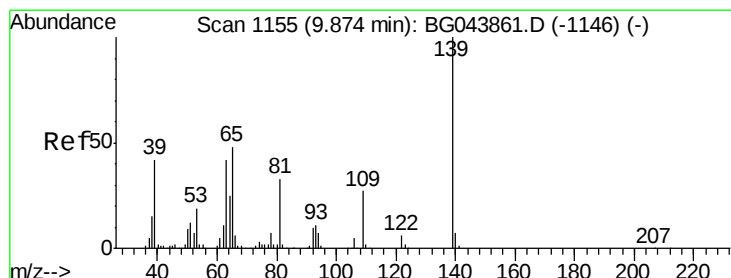
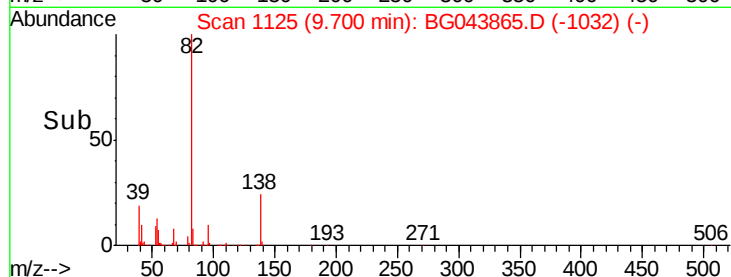
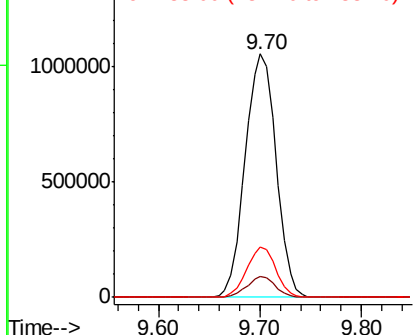
#25
Isophorone
Concen: 90.802 ng
RT: 9.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 2225893
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.6
138 20.8 14.6 22.0

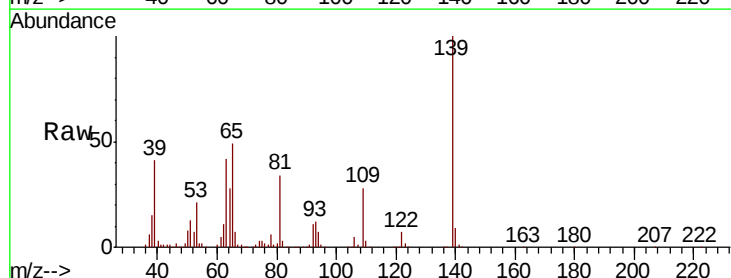


Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 95.00 (94.70 to 95.70): BG
Ion 138.00 (137.70 to 138.70): E

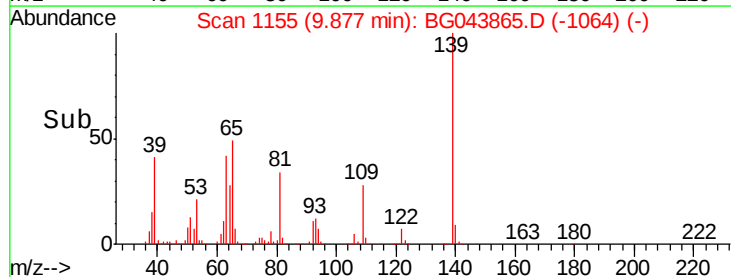
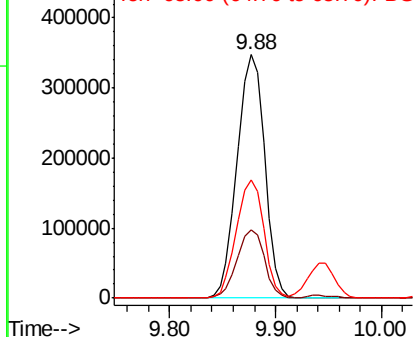


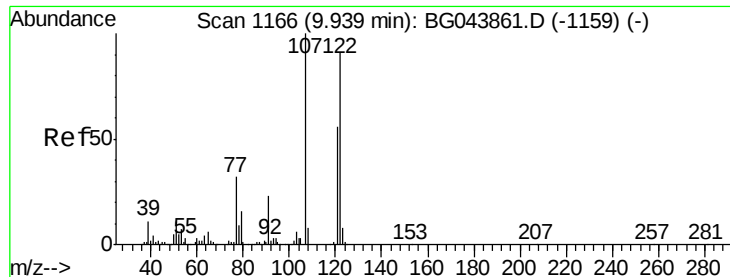
#26
2-Nitrophenol
Concen: 106.159 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:139 Resp: 631463
Ion Ratio Lower Upper
139 100
109 27.9 21.3 31.9
65 48.6 38.6 57.8



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





#27

2,4-Dimethylphenol

Concen: 95.251 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

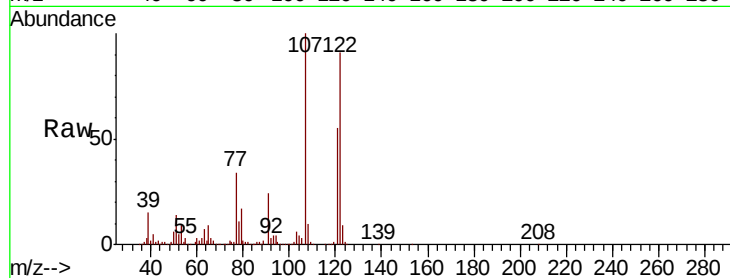
Tot Ion:122 Resp: 872256

Ion Ratio Lower Upper

122 100

107 109.5 88.0 132.0

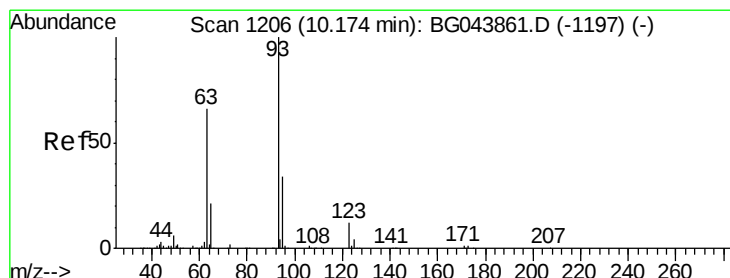
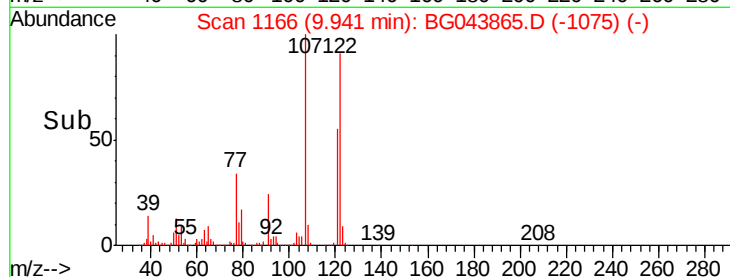
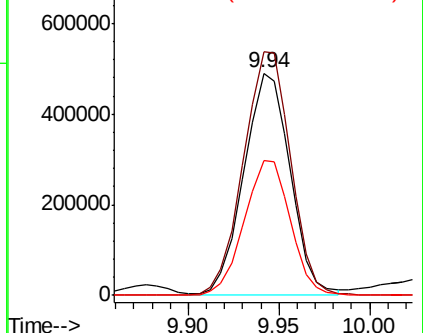
121 60.4 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 89.931 ng

RT: 10.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

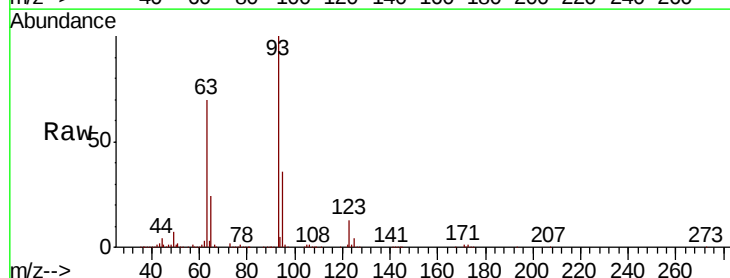
Tgt Ion: 93 Resp: 1466775

Ion Ratio Lower Upper

93 100

95 36.4 27.2 40.8

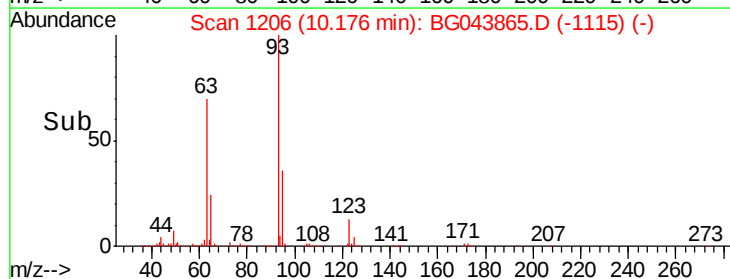
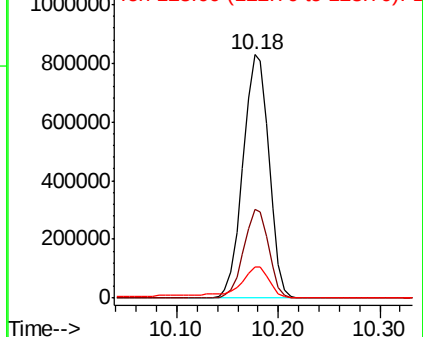
123 13.0 9.7 14.5

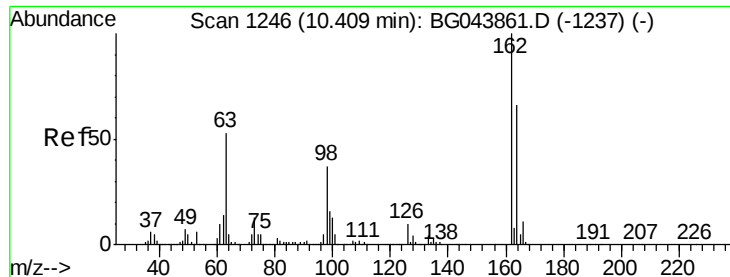


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

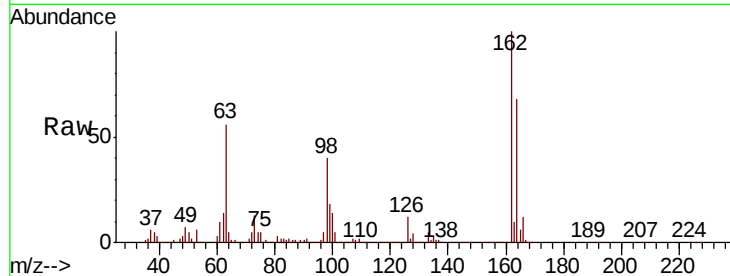




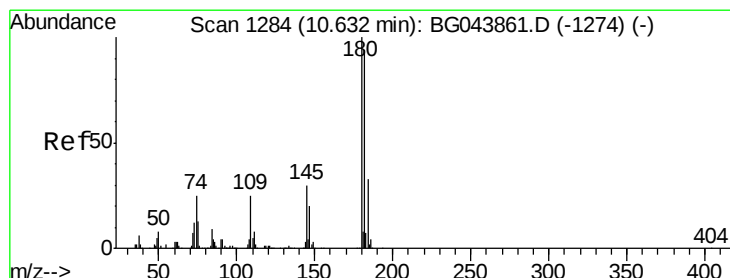
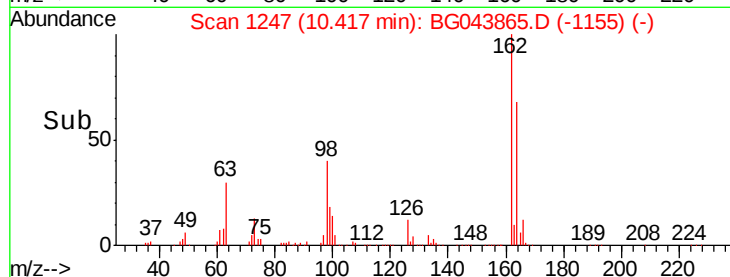
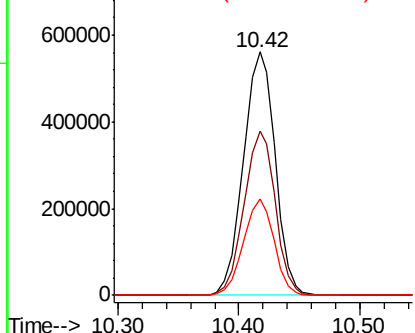
#29
2,4-Dichlorophenol
Concen: 94.290 ng
RT: 10.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 1029771
Ion Ratio Lower Upper
162 100
164 67.7 46.3 86.3
98 39.6 17.3 57.3

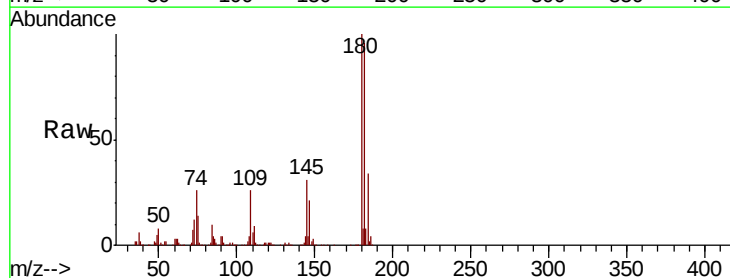


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

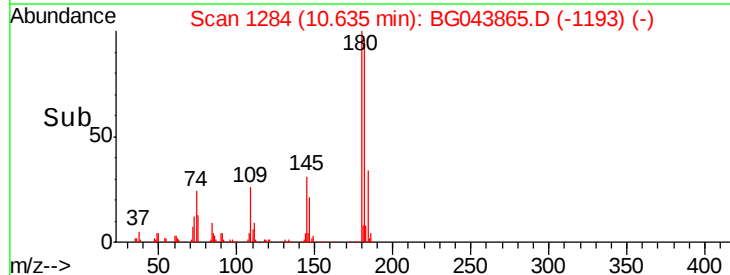
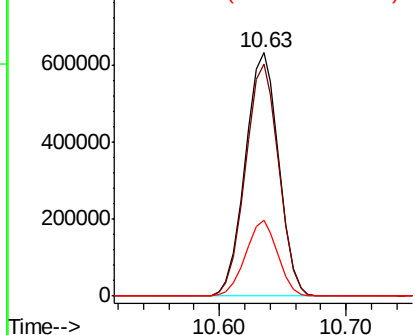


#30
1,2,4-Trichlorobenzene
Concen: 94.608 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:180 Resp: 1153232
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.4
145 31.0 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

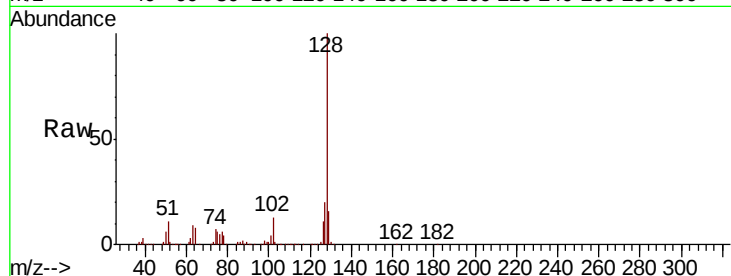




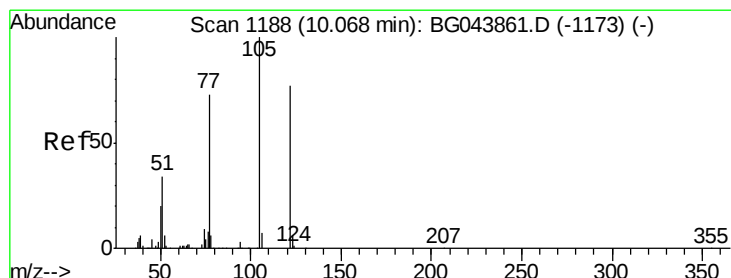
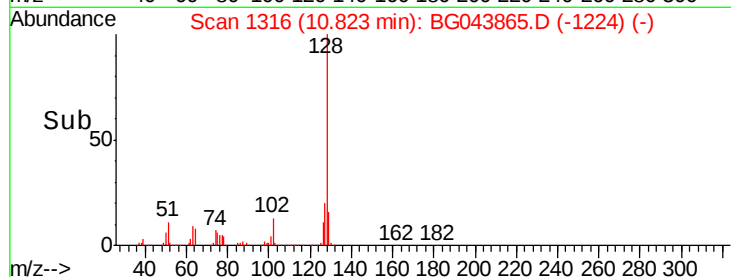
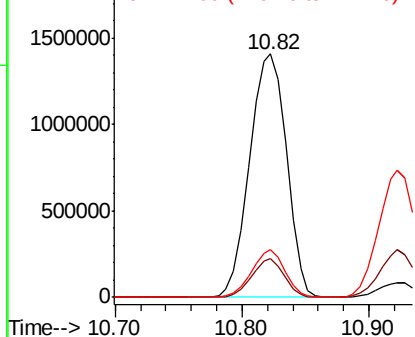
#31
Naphthalene
Concen: 84.612 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 2854097
Ion Ratio Lower Upper
128 100
129 15.8 9.8 14.6#
127 19.7 12.0 18.0#

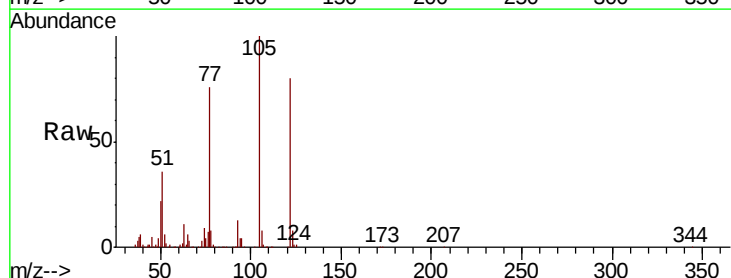


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

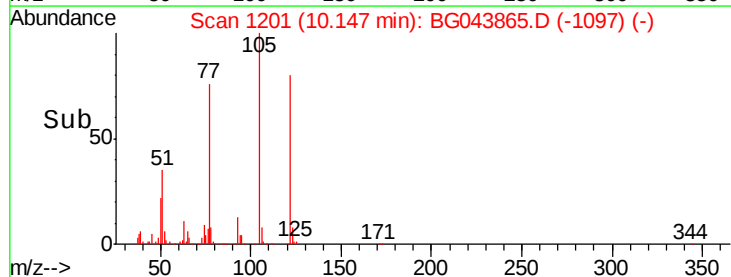
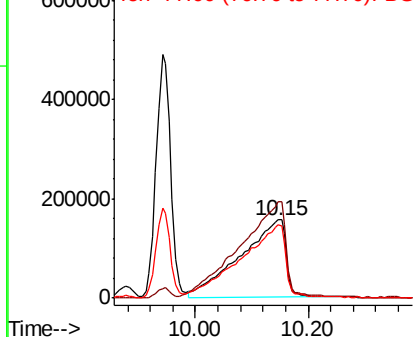


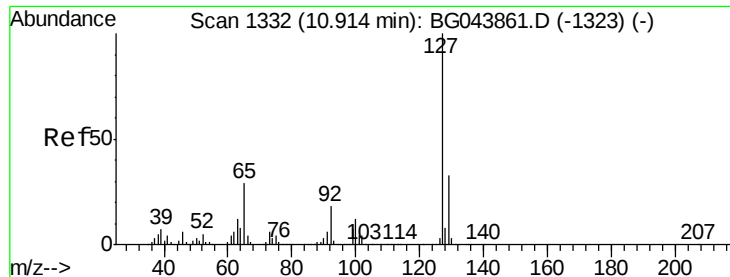
#32
Benzoic acid
Concen: 123.199 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.08 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:122 Resp: 877286
Ion Ratio Lower Upper
122 100
105 124.3 106.4 146.4
77 94.2 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

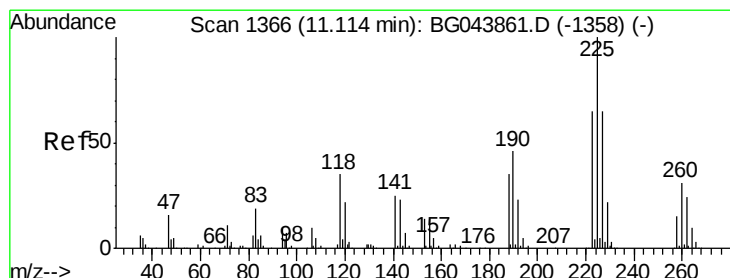
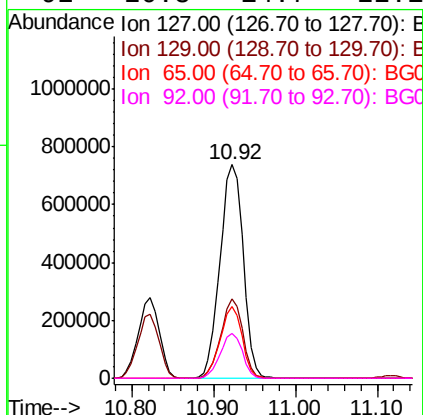
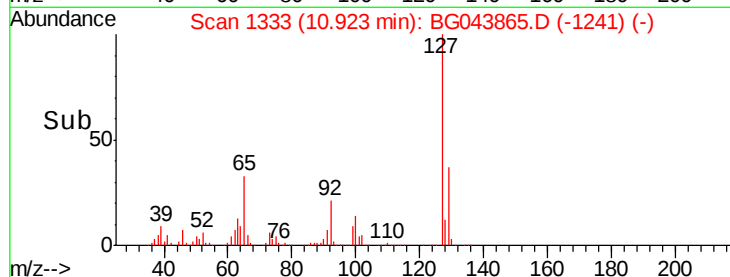
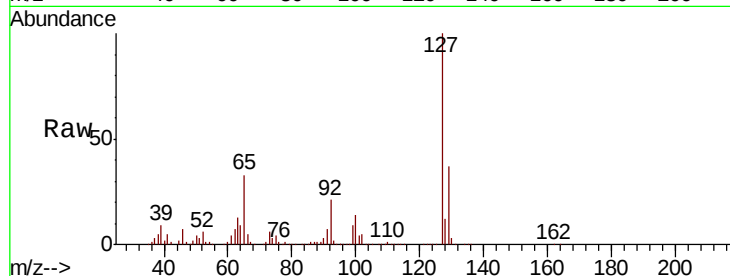




#33
4-Chloroaniline
Concen: 90.372 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

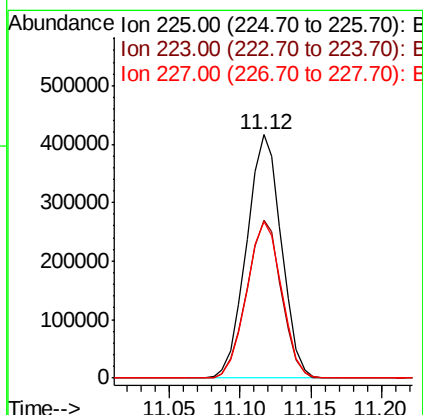
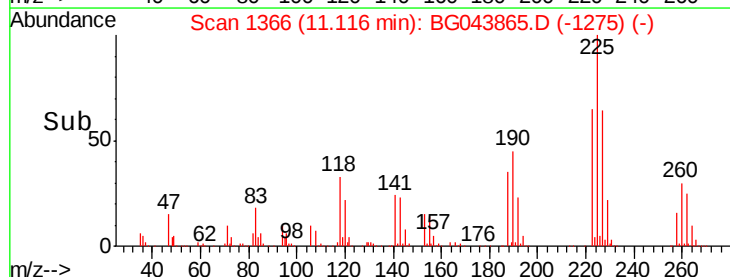
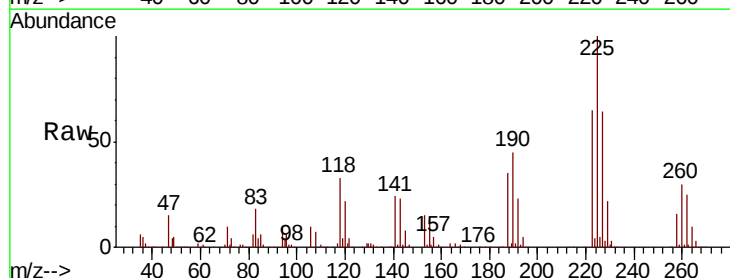
Instrument :
BNA_G
ClientSampleId :

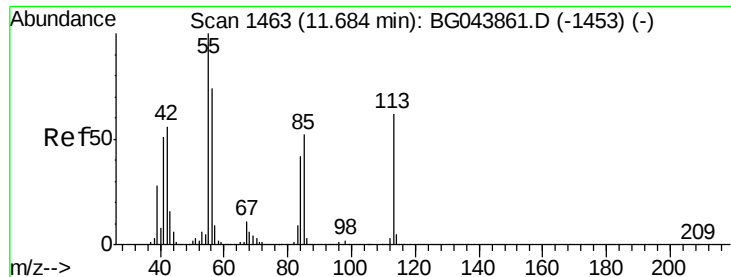
Tot Ion:	127	Resp:	1461922
Ion	Ratio	Lower	Upper
127	100		
129	37.1	26.6	40.0
65	33.5	23.3	34.9
92	20.8	14.7	22.1



#34
Hexachlorobutadiene
Concen: 97.141 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:	225	Resp:	716665
Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.2	78.4
227	64.1	52.1	78.1





#35

Caprolactam

Concen: 76.268 ng

RT: 11.73 min Scan# 1470

Delta R.T. 0.04 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampled :

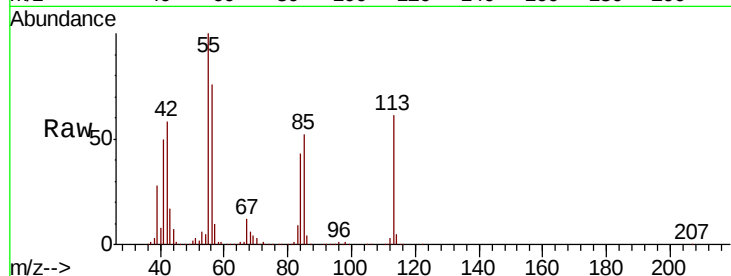
Tot Ion:113 Resp: 311148

Ion Ratio Lower Upper

113 100

55 164.5 142.5 182.5

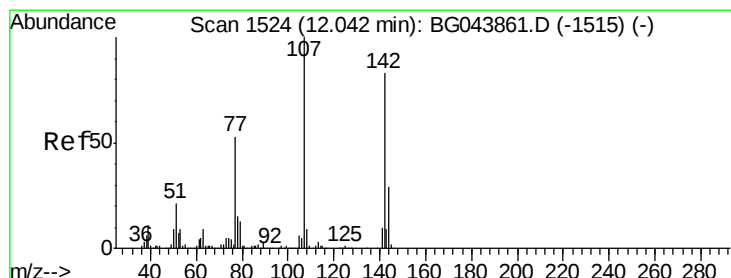
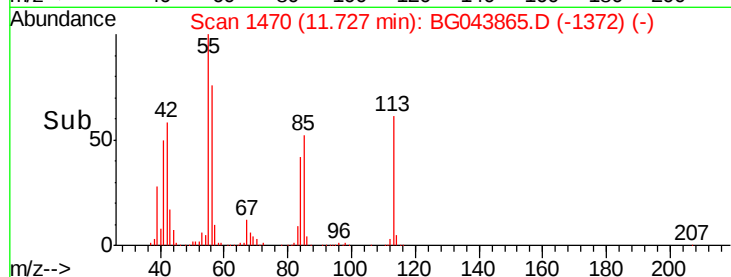
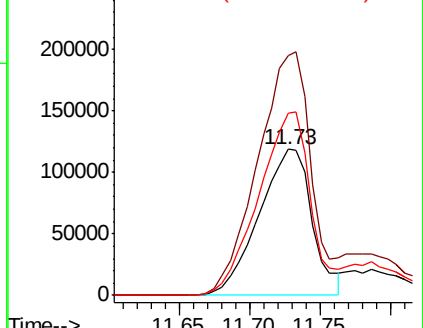
56 124.7 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 92.068 ng

RT: 12.05 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

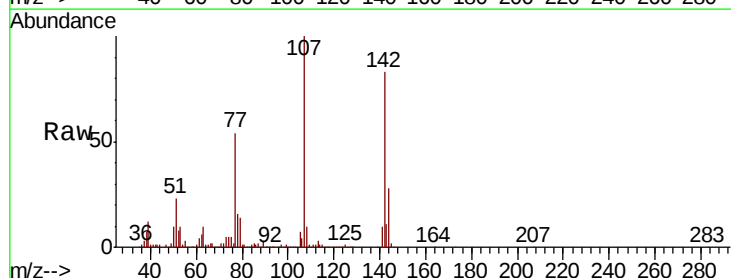
Tgt Ion:107 Resp: 1083017

Ion Ratio Lower Upper

107 100

144 27.7 23.4 35.2

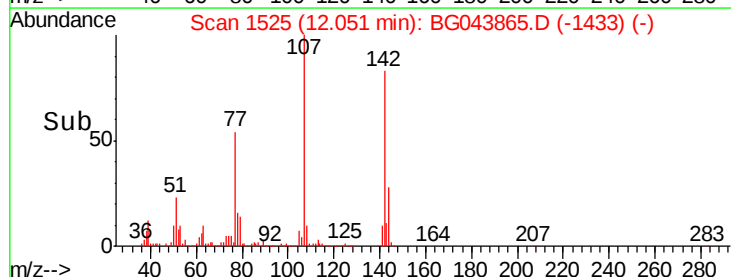
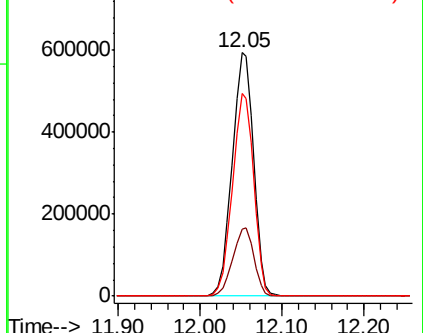
142 83.1 66.3 99.5

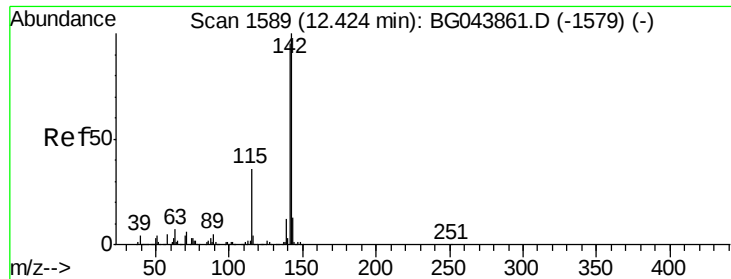


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

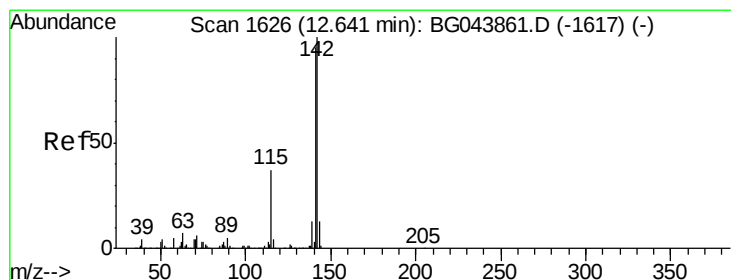
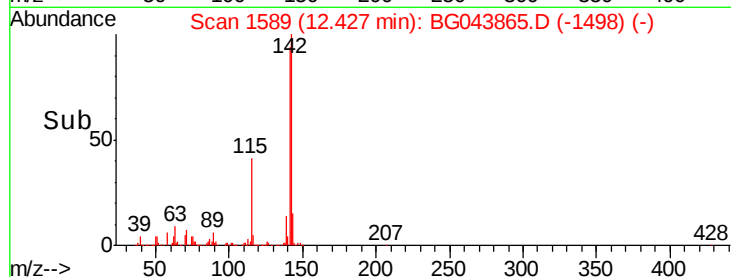
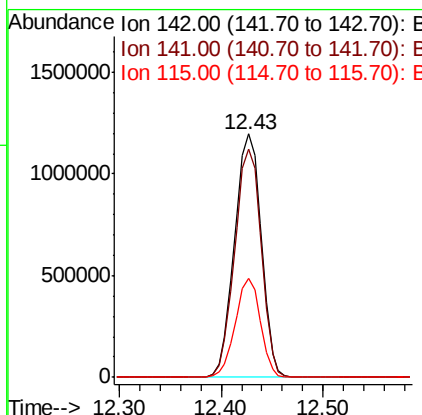
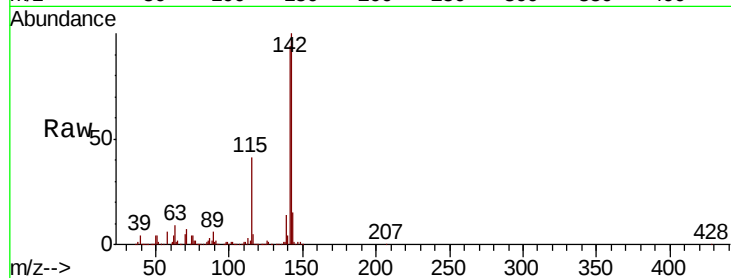




#37
2-Methylnaphthalene
Concen: 86.375 ng
RT: 12.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

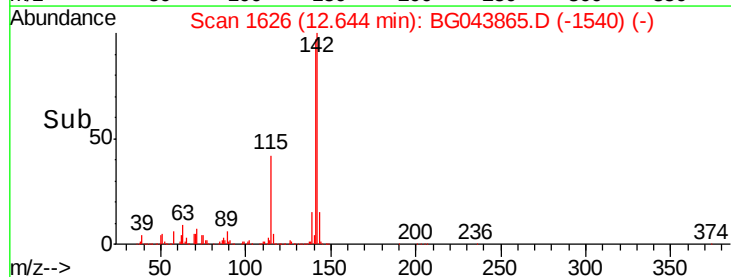
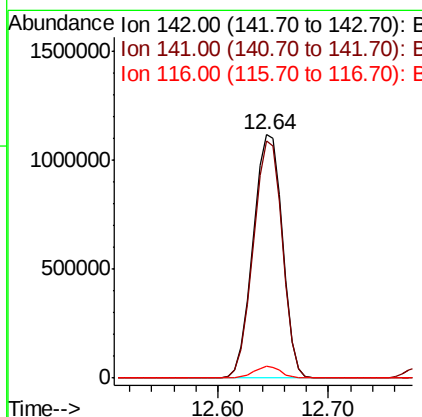
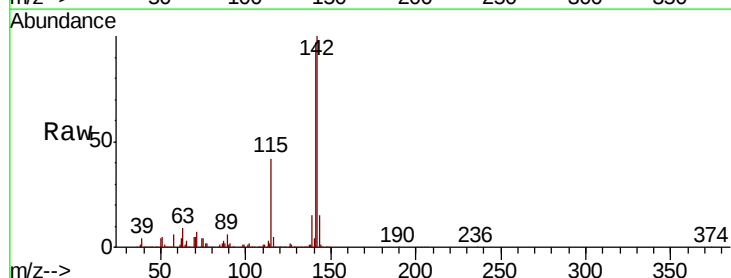
Instrument :
BNA_G
ClientSampleId :

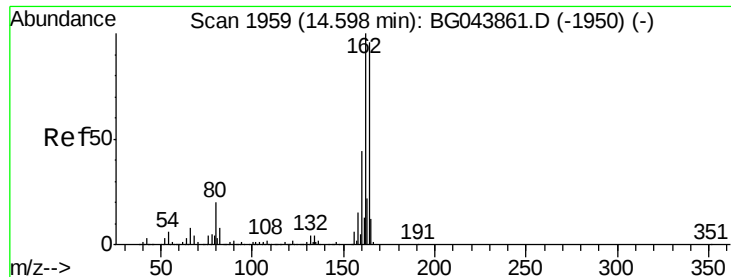
Tot Ion:142 Resp: 2199024
Ion Ratio Lower Upper
142 100
141 93.7 75.8 113.8
115 40.8 28.6 42.8



#38
1-Methylnaphthalene
Concen: 86.383 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:142 Resp: 2087561
Ion Ratio Lower Upper
142 100
141 97.3 76.0 114.0
116 4.9 3.1 4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

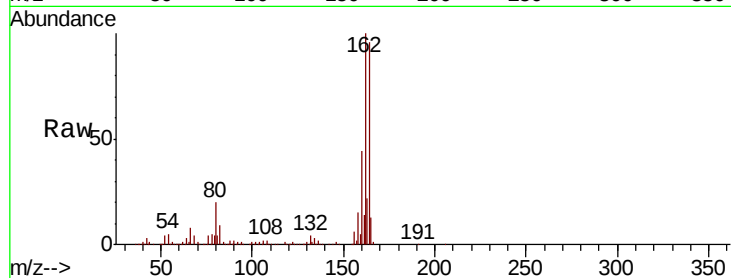
Tot Ion:164 Resp: 436017

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

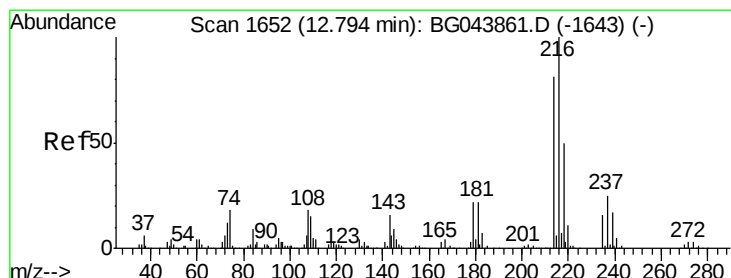
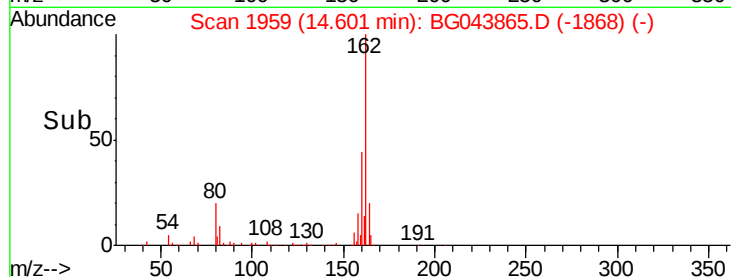
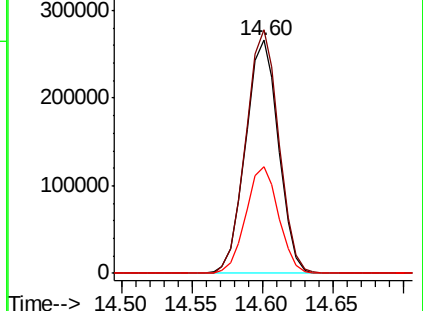
160 46.0 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 93.662 ng

RT: 12.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Tgt Ion:216 Resp: 1187026

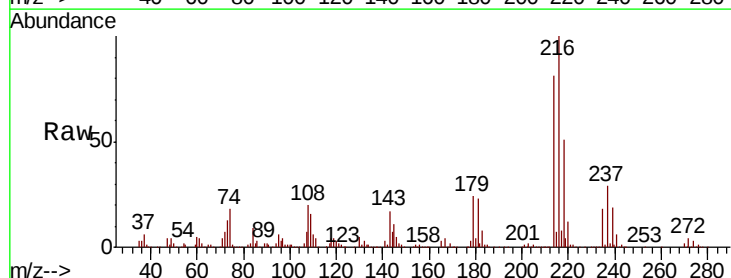
Ion Ratio Lower Upper

216 100

214 81.3 63.8 95.8

179 22.9 17.3 25.9

108 20.0 15.3 22.9

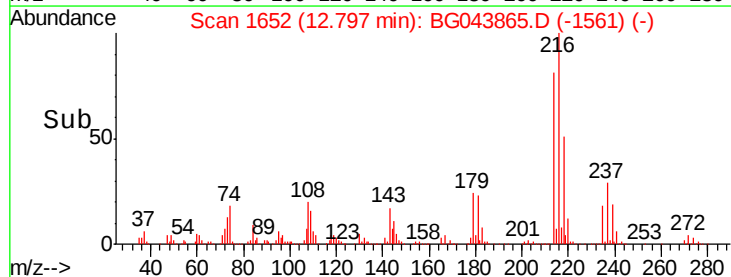
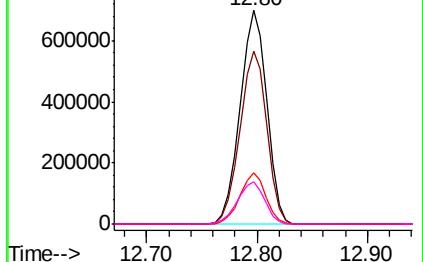


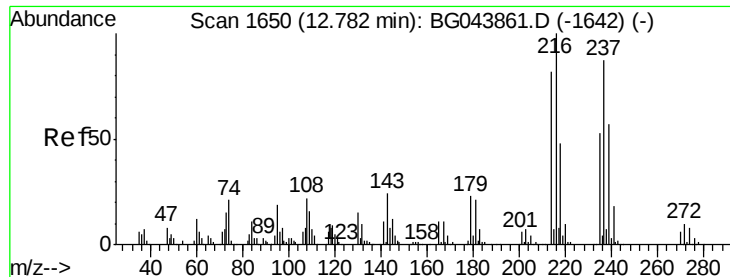
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.362 ng

RT: 12.79 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

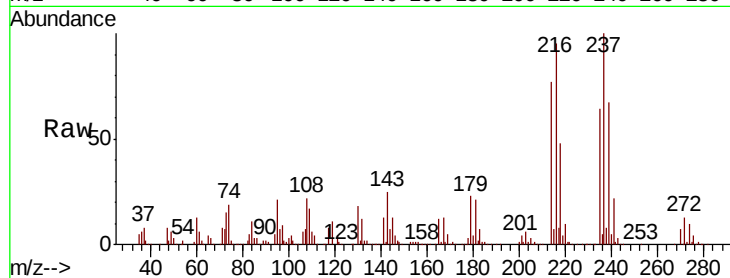
Tot Ion:237 Resp: 692702

Ion Ratio Lower Upper

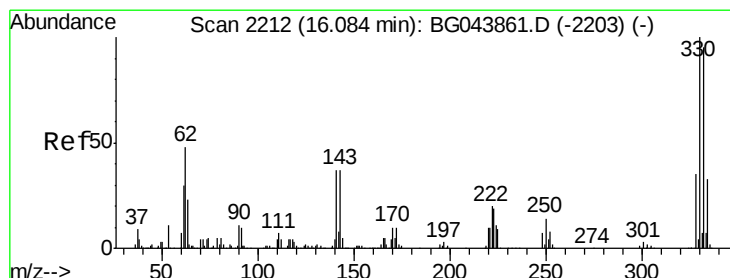
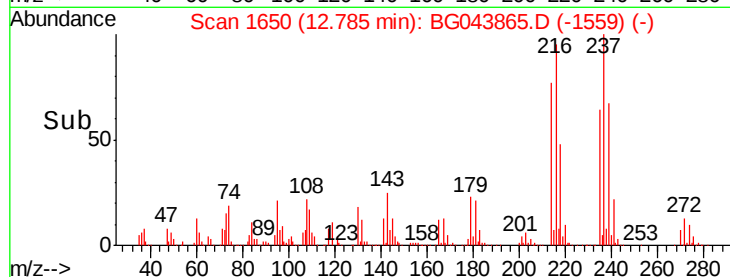
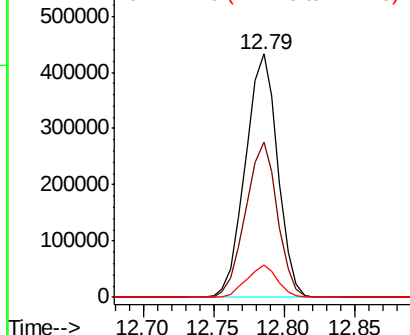
237 100

235 63.7 41.1 81.1

272 13.3 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 183.121 ng

RT: 16.09 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

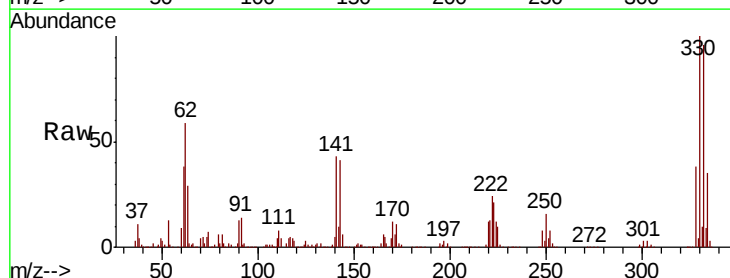
Tgt Ion:330 Resp: 841247

Ion Ratio Lower Upper

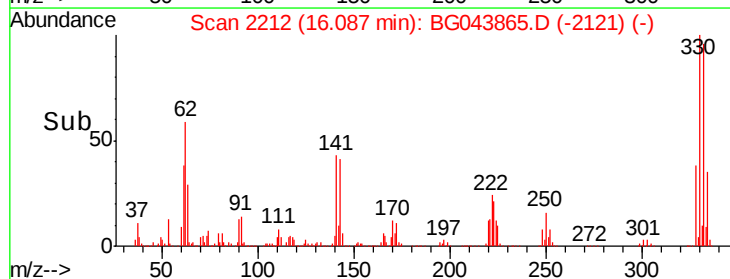
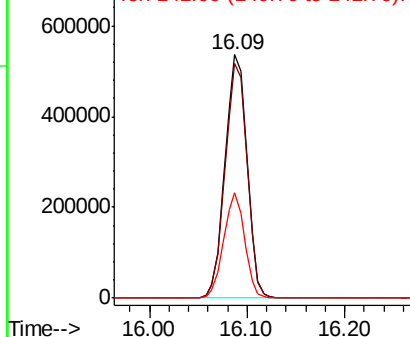
330 100

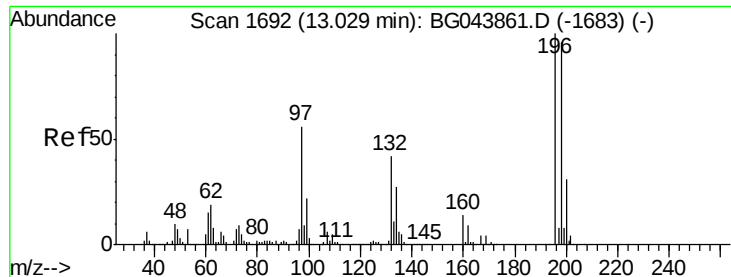
332 96.2 77.2 115.8

141 41.1 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

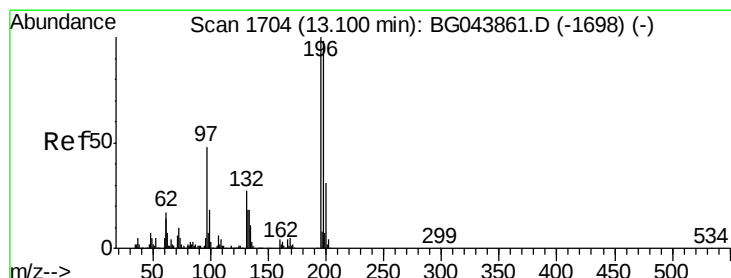
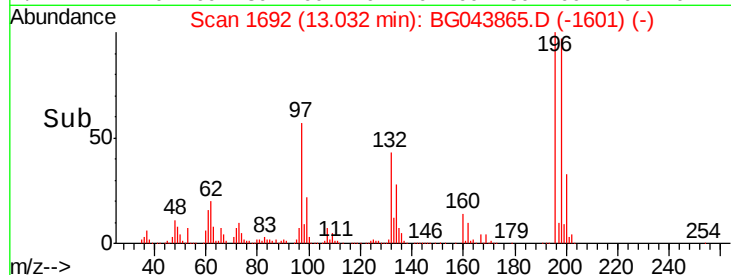
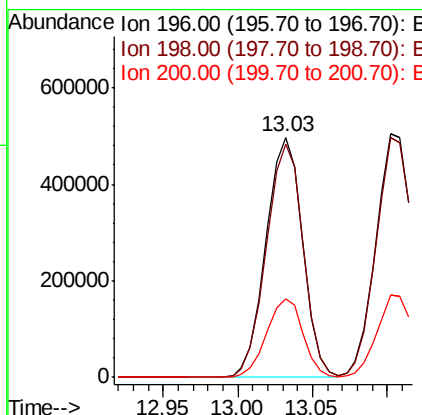
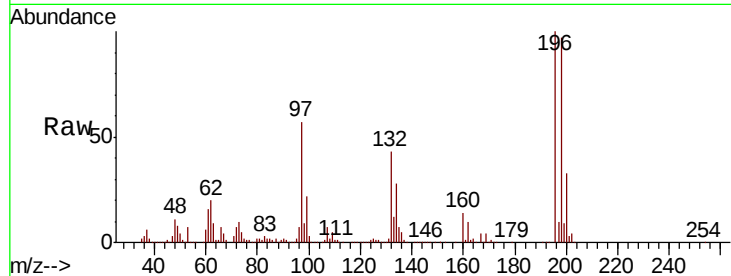




#43
 2,4,6-Trichlorophenol
 Concen: 96.684 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

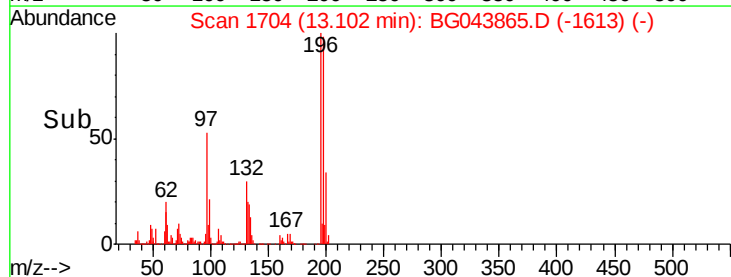
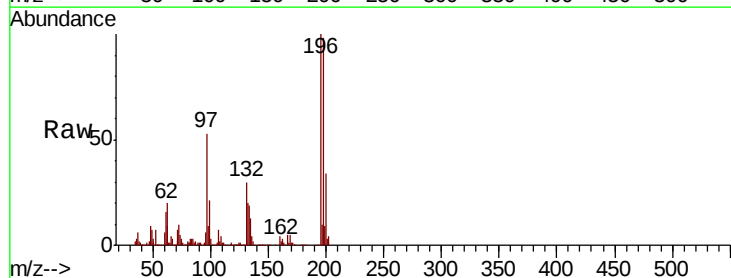
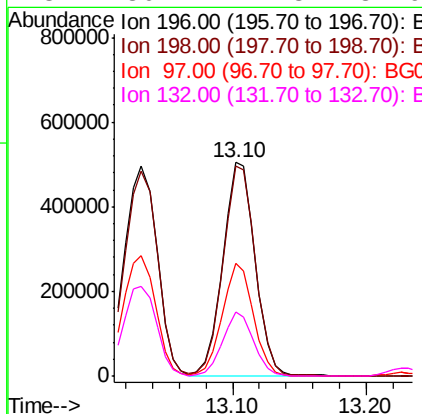
Instrument :
 BNA_G
 ClientSampleId :

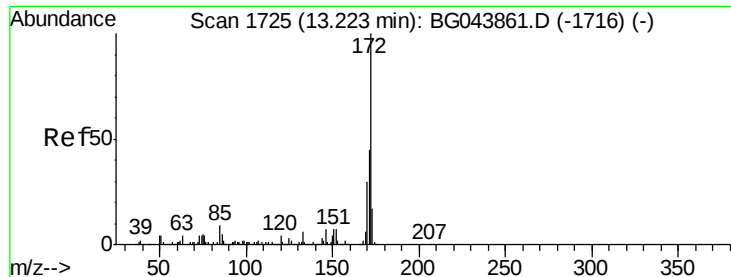
Tot Ion:196 Resp: 848107
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 115.0
 200 32.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 94.662 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Tgt Ion:196 Resp: 850657
 Ion Ratio Lower Upper
 196 100
 198 98.2 78.3 117.5
 97 53.0 38.8 58.2
 132 30.2 21.3 31.9

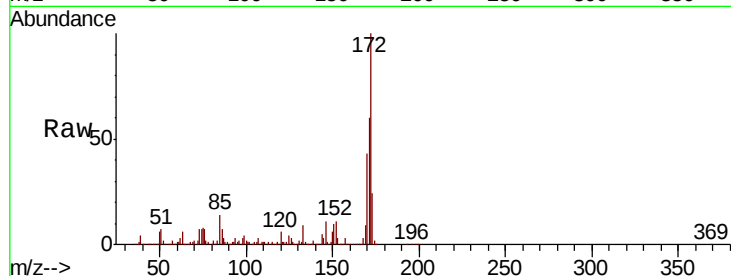




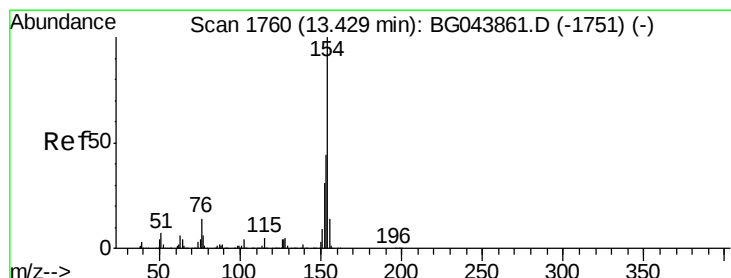
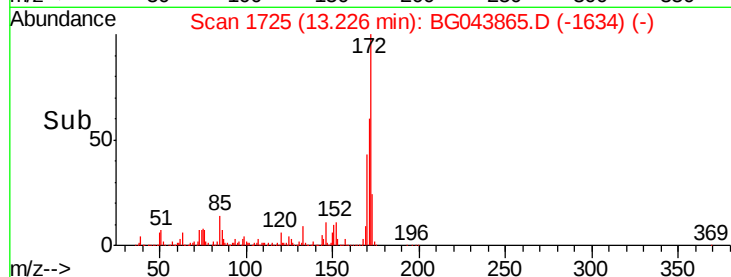
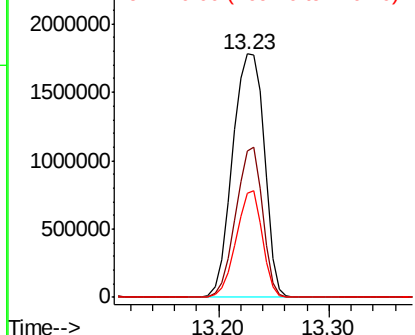
#45
2-Fluorobiphenyl
Concen: 146.945 ng
RT: 13.23 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 3587915
Ion Ratio Lower Upper
172 100
171 60.3 35.8 53.8#
170 42.8 24.2 36.4#

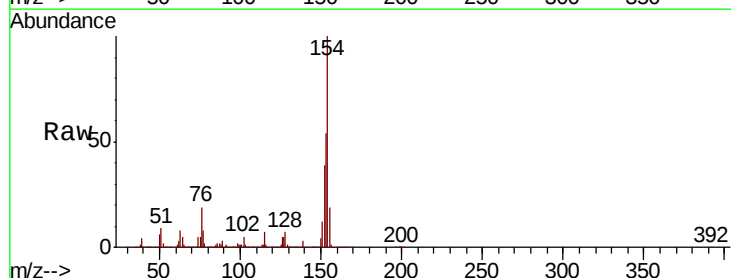


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

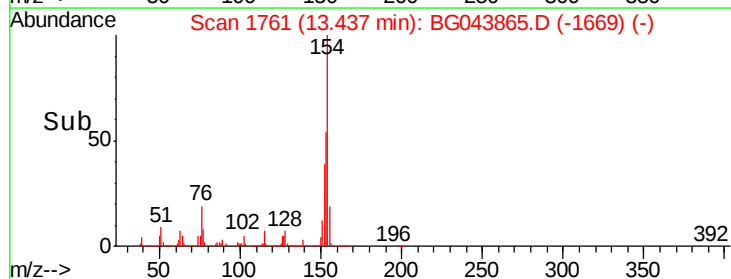
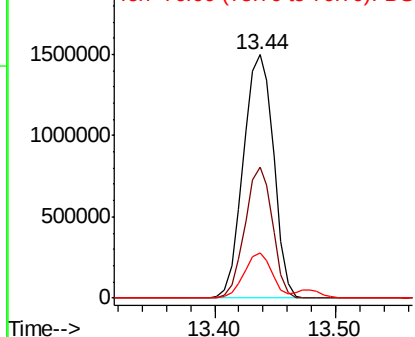


#46
1,1'-Biphenyl
Concen: 83.372 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:154 Resp: 2609710
Ion Ratio Lower Upper
154 100
153 53.7 23.6 63.6
76 18.5 0.0 34.4



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

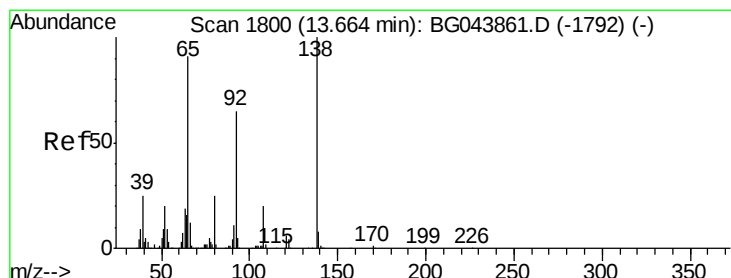
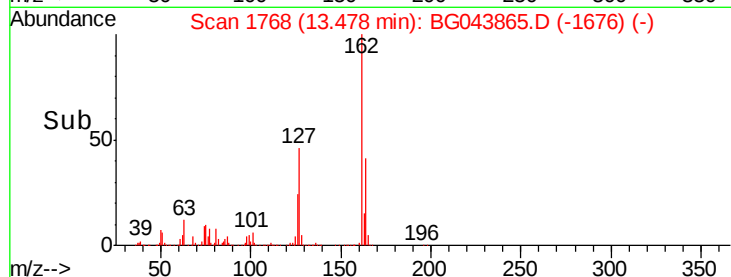
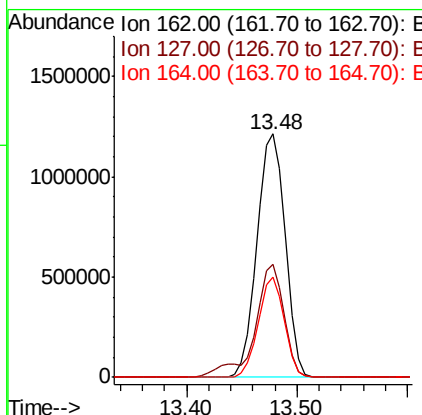
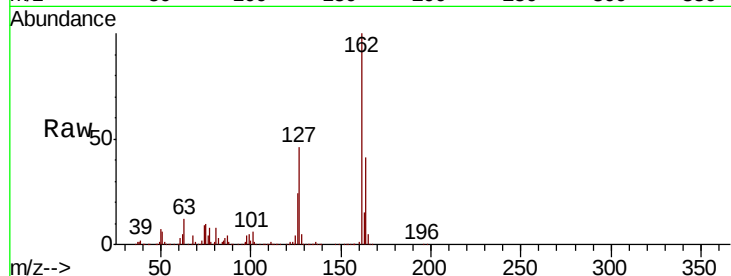




#47
 2-Chloronaphthalene
 Concen: 86.350 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

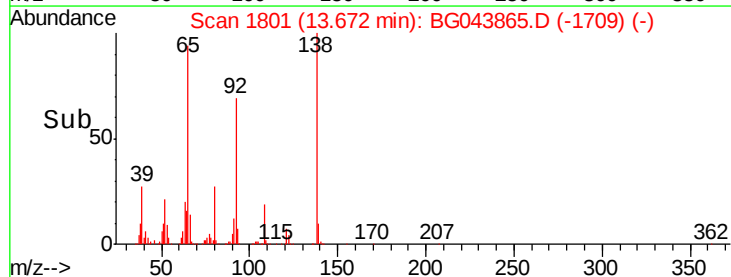
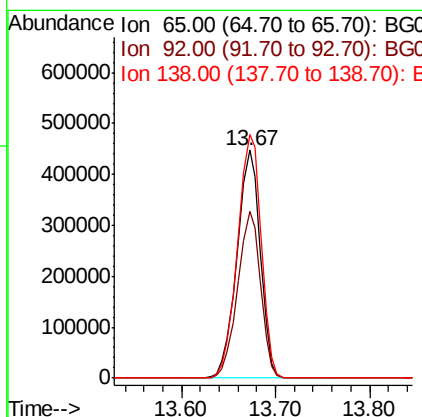
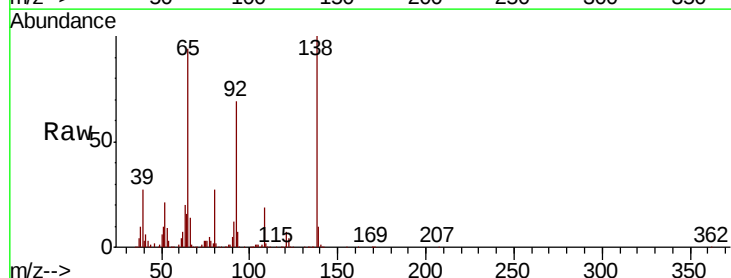
Instrument :
 BNA_G
 ClientSampleId :

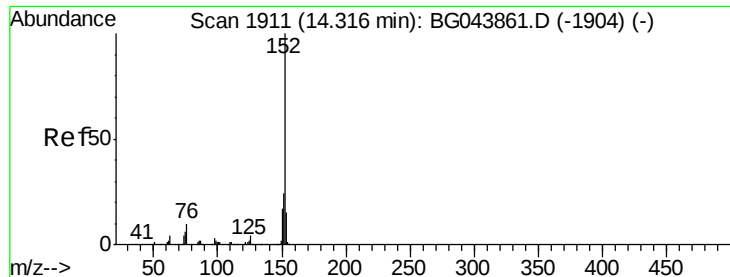
Tot Ion:162 Resp: 2179294
 Ion Ratio Lower Upper
 162 100
 127 46.4 32.1 48.1
 164 41.0 27.5 41.3



#48
 2-Nitroaniline
 Concen: 95.079 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Tgt Ion: 65 Resp: 768562
 Ion Ratio Lower Upper
 65 100
 92 73.2 57.4 86.2
 138 106.8 88.2 132.4





#49

Acenaphthylene

Concen: 80.029 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

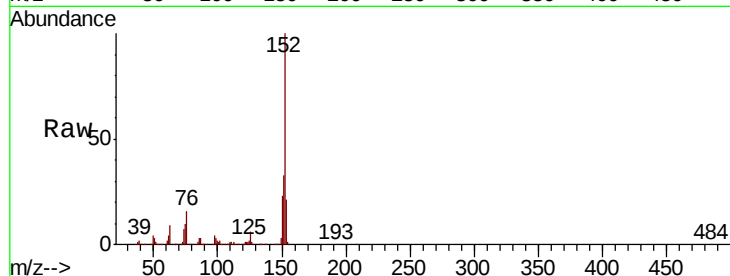
Tot Ion:152 Resp: 2928086

Ion Ratio Lower Upper

152 100

151 32.9 19.4 29.2#

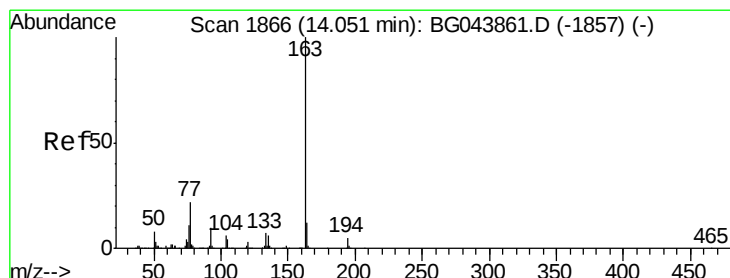
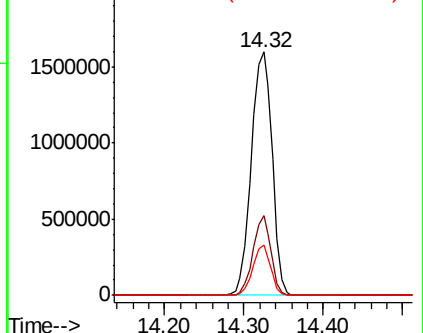
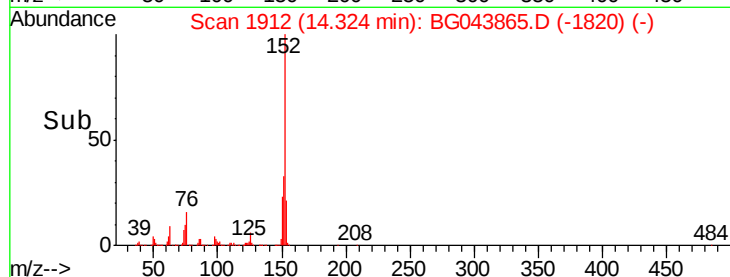
153 20.8 12.0 18.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 80.683 ng

RT: 14.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

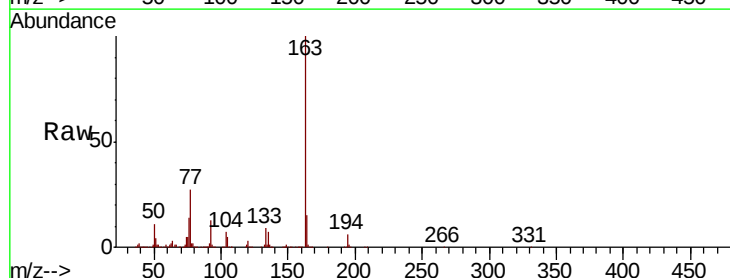
Tgt Ion:163 Resp: 2513679

Ion Ratio Lower Upper

163 100

194 5.6 3.7 5.5#

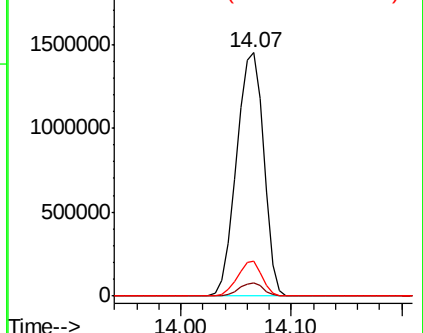
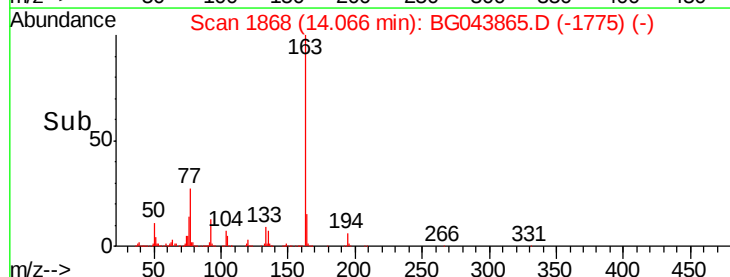
164 14.6 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

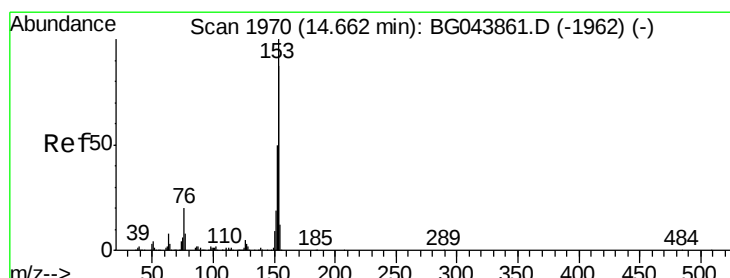
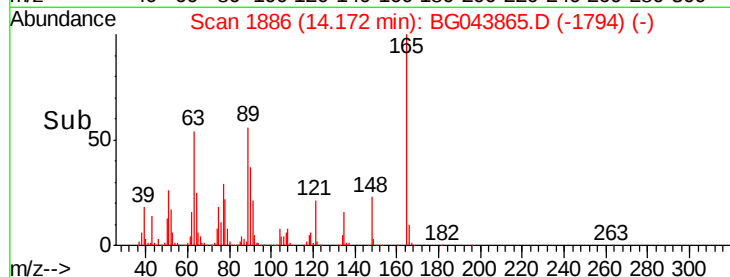
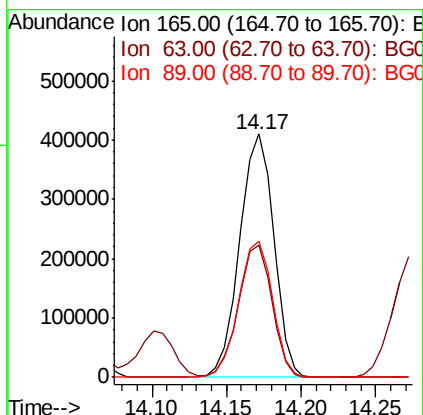
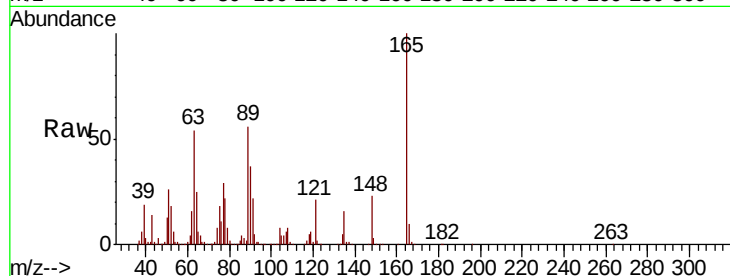




#51
2,6-Dinitrotoluene
Concen: 92.343 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

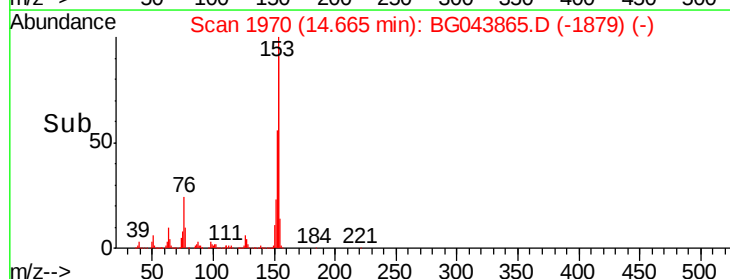
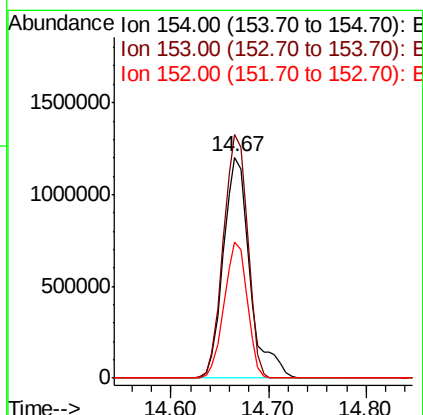
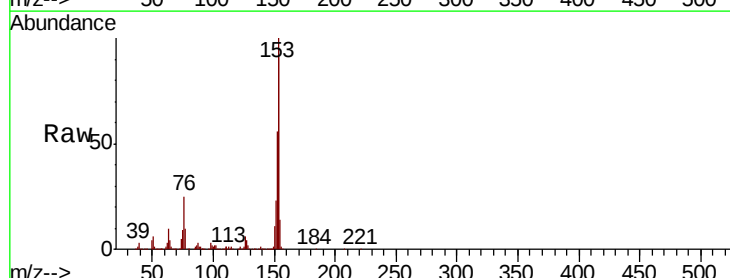
Instrument :
BNA_G
ClientSampled :

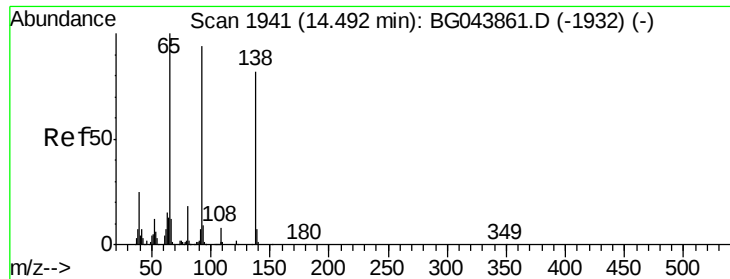
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.3	43.1	64.7
89	56.1	43.8	65.6



#52
Acenaphthene
Concen: 88.472 ng
RT: 14.67 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	91.6	137.4
152	61.9	45.4	68.0

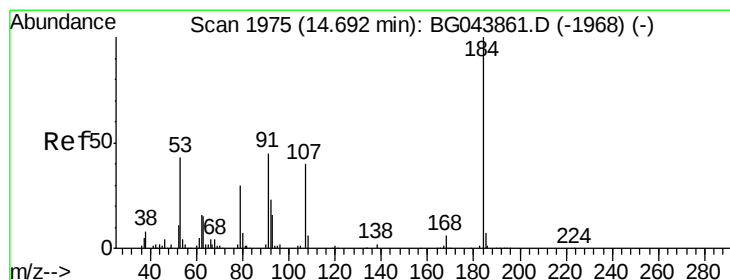
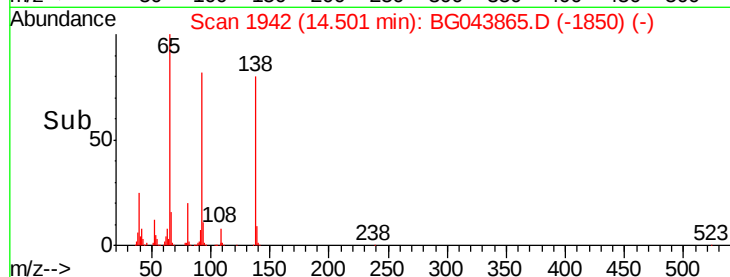
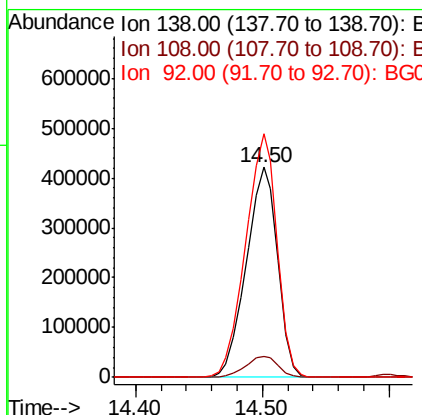
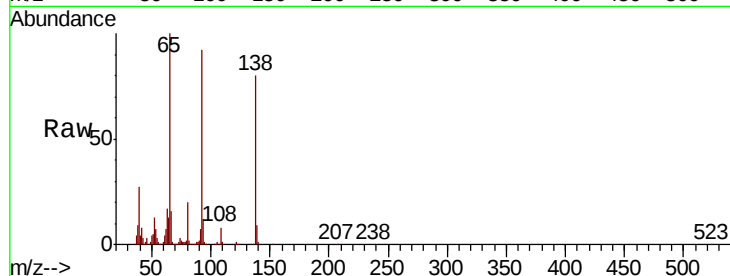




#53
3-Nitroaniline
Concen: 91.068 ng
RT: 14.50 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

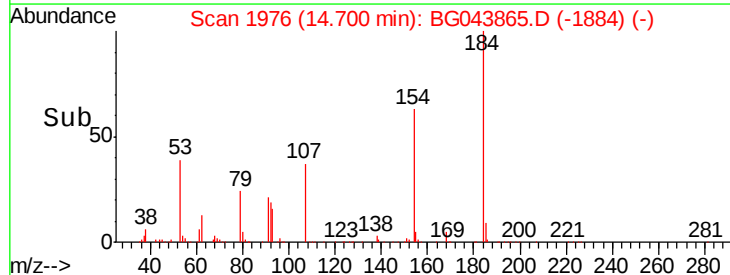
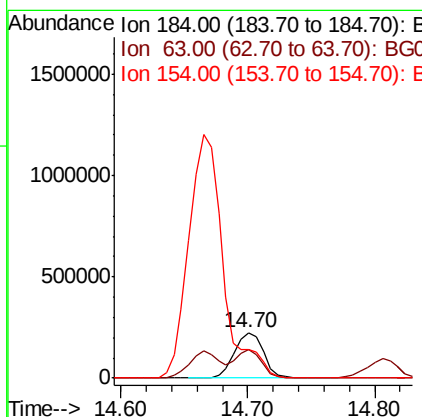
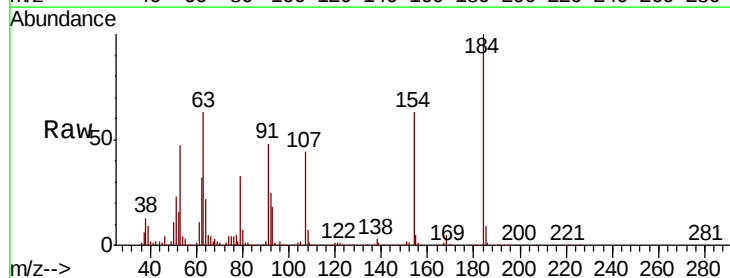
Instrument :
BNA_G
ClientSampleId :

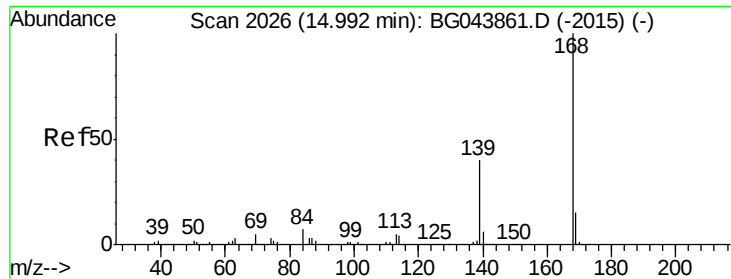
Tot Ion:138 Resp: 725112
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 116.1 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 114.868 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:184 Resp: 358139
Ion Ratio Lower Upper
184 100
63 63.1 46.6 70.0
154 63.0 50.2 75.4

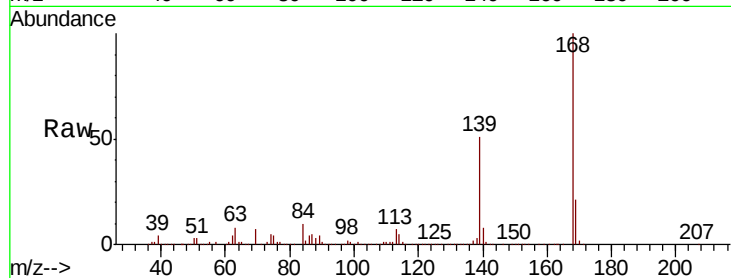




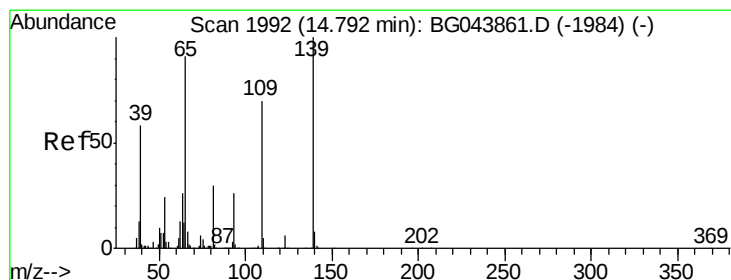
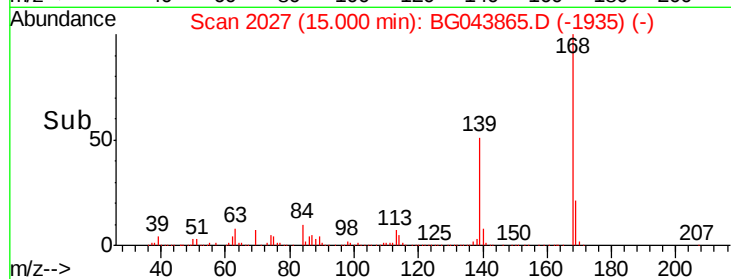
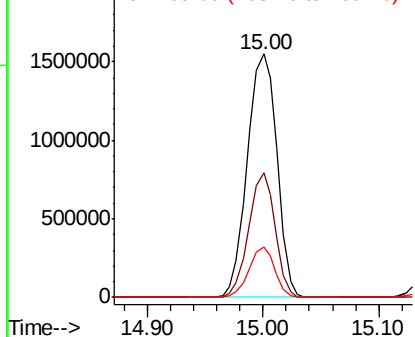
#55
Dibenzofuran
Concen: 78.611 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 2776286
Ion Ratio Lower Upper
168 100
139 51.1 32.2 48.2#
169 20.6 12.2 18.2#

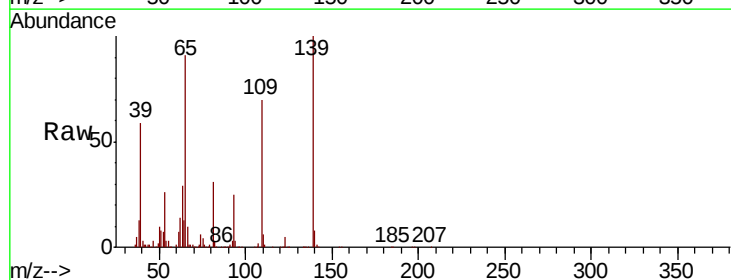


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

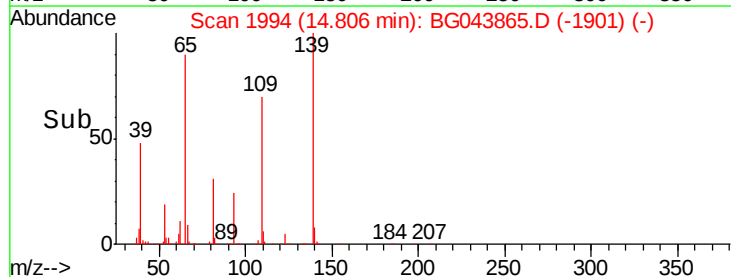
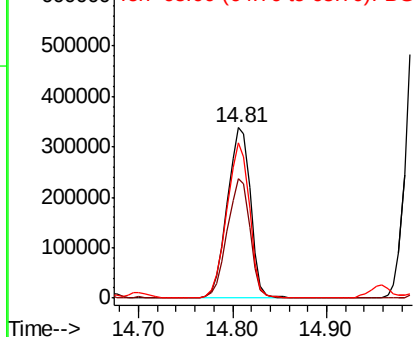


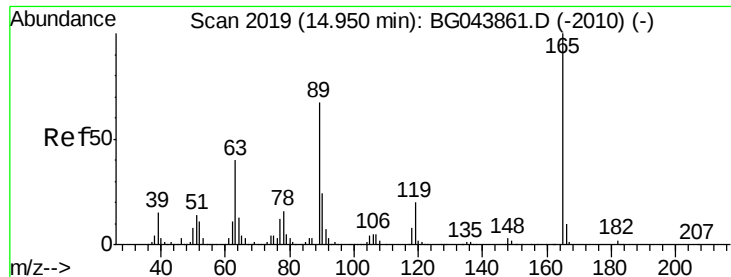
#56
4-Nitrophenol
Concen: 95.169 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:139 Resp: 581103
Ion Ratio Lower Upper
139 100
109 70.3 50.4 90.4
65 91.2 71.4 111.4



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

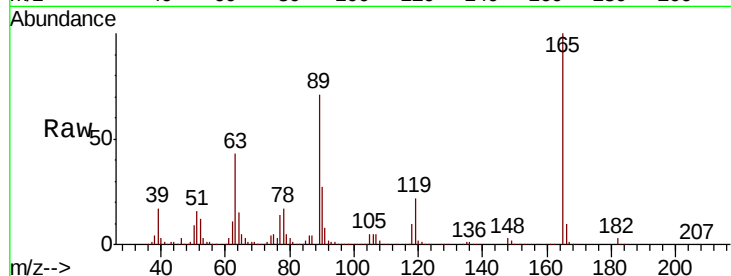




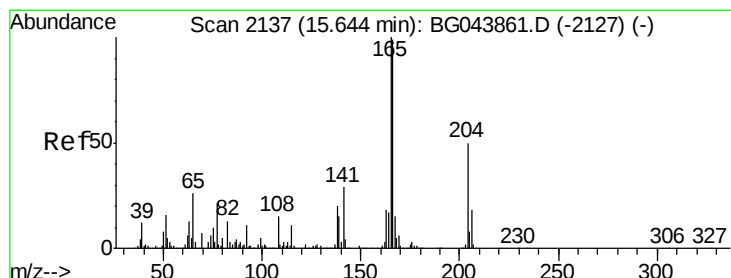
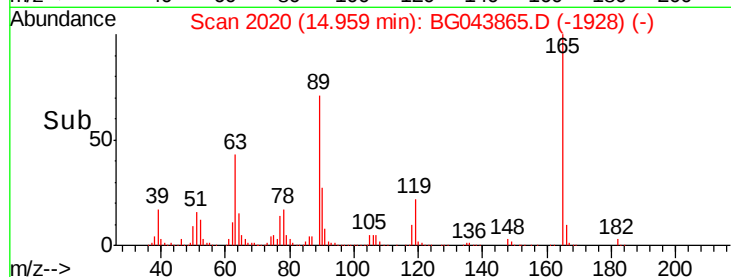
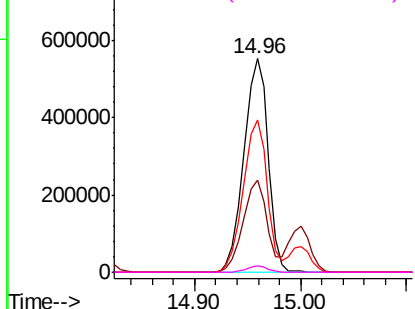
#57
 2,4-Dinitrotoluene
 Concen: 92.644 ng
 RT: 14.96 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 879289
 Ion Ratio Lower Upper
 165 100
 63 43.2 31.9 47.9
 89 71.1 53.8 80.6
 182 2.8 2.0 3.0

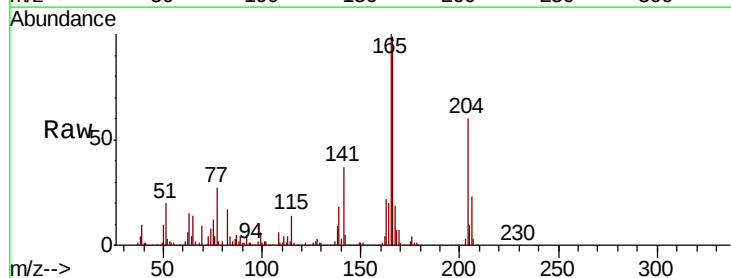


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

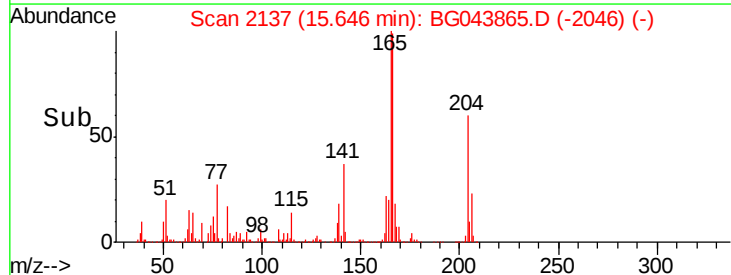
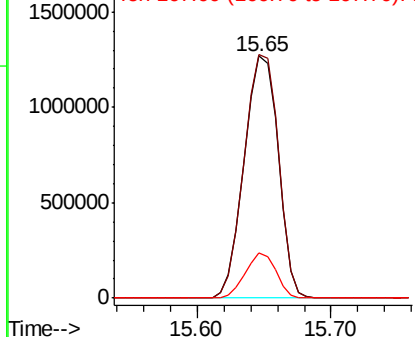


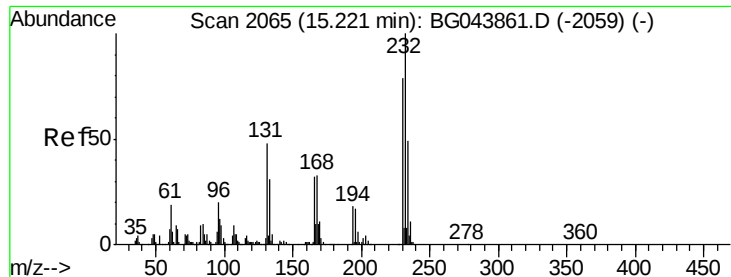
#58
 Fluorene
 Concen: 79.911 ng
 RT: 15.65 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Tgt Ion:166 Resp: 2238171
 Ion Ratio Lower Upper
 166 100
 165 100.6 80.8 121.2
 167 18.6 12.1 18.1#



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

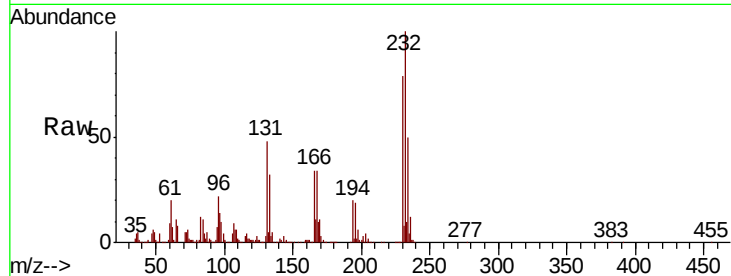




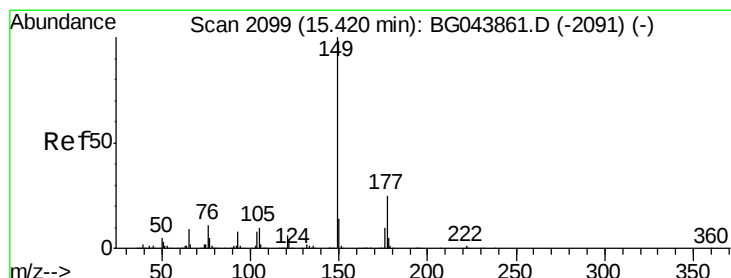
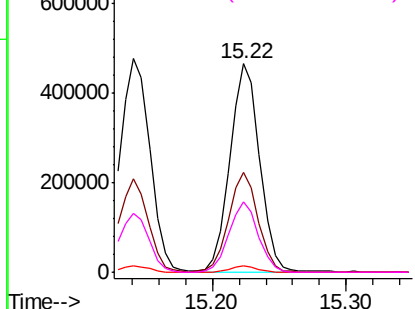
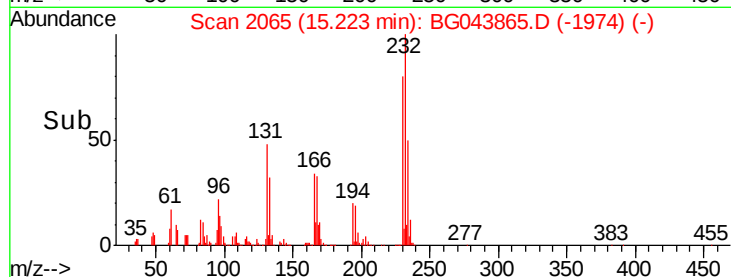
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 91.650 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	38.2	57.2
130	2.9	2.2	3.2
166	33.3	26.4	39.6

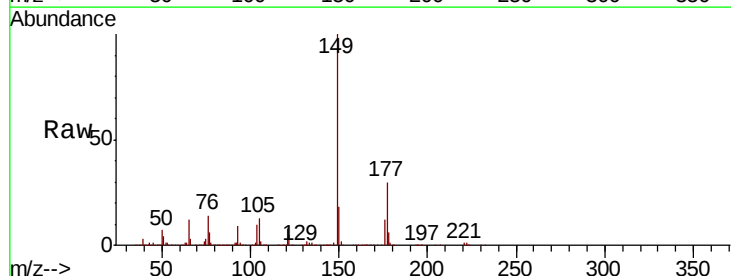


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

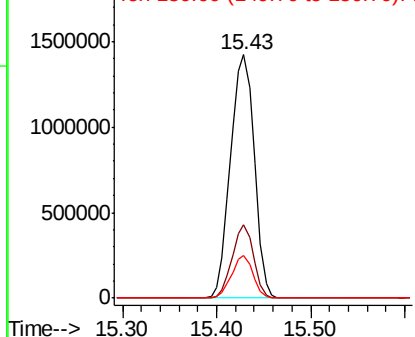
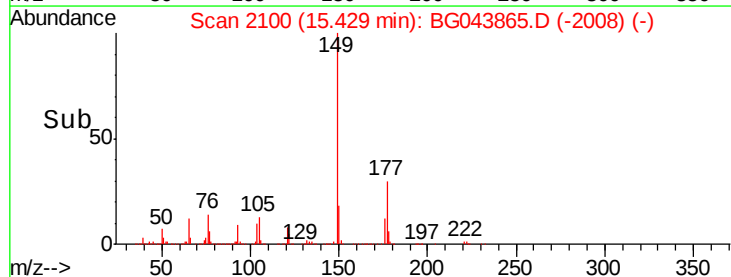


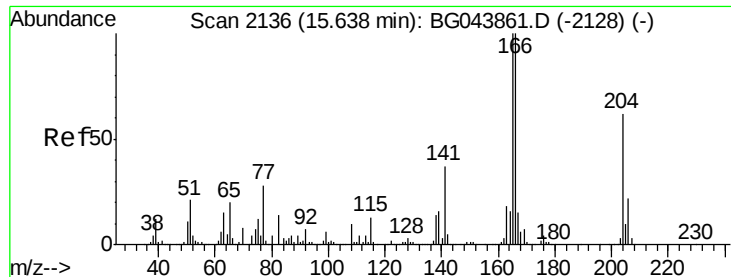
#60
 Diethylphthalate
 Concen: 80.499 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	30.3	20.0	30.0#
150	17.5	11.1	16.7#



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

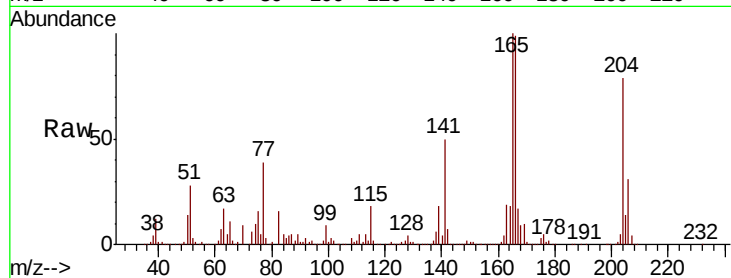




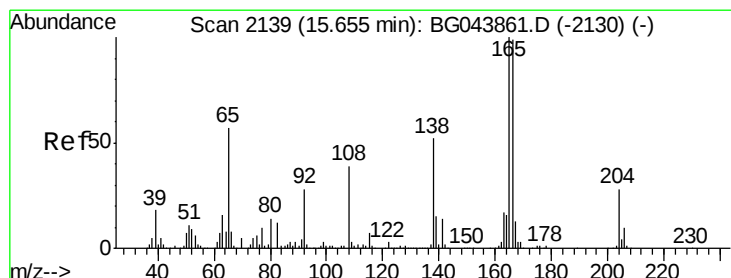
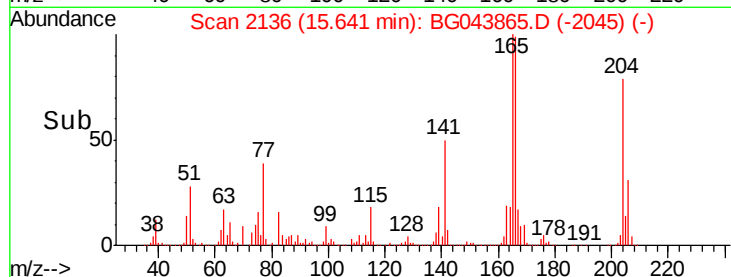
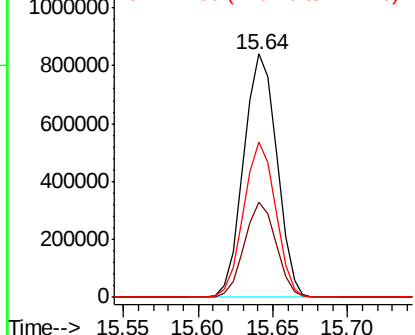
#61
4-Chlorophenyl-phenylether
Concen: 85.721 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 1291012
Ion Ratio Lower Upper
204 100
206 39.1 28.2 42.2
141 64.0 48.2 72.2

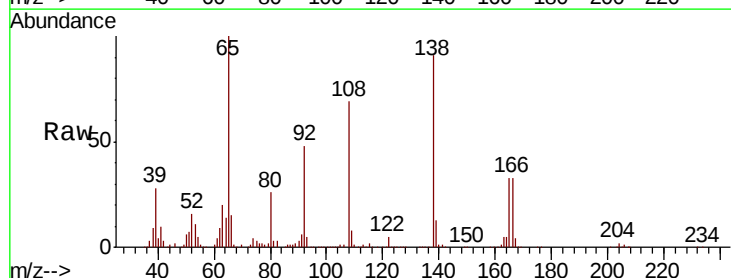


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

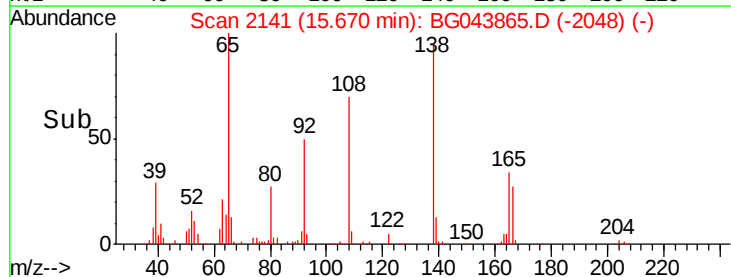
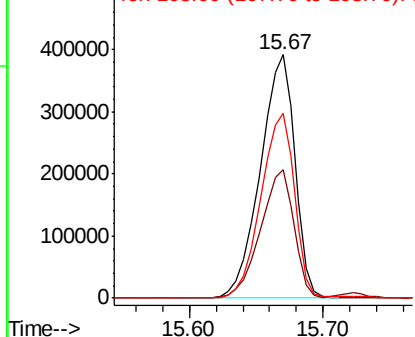


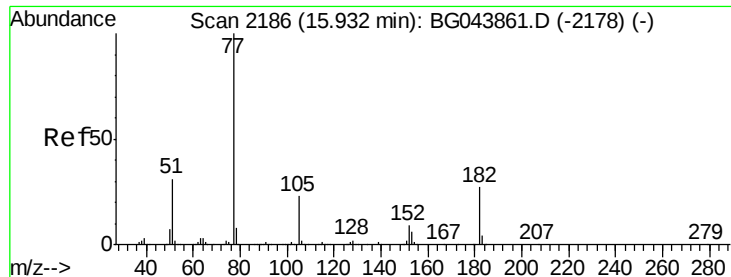
#62
4-Nitroaniline
Concen: 89.943 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:138 Resp: 702393
Ion Ratio Lower Upper
138 100
92 52.8 34.3 74.3
108 76.0 55.0 95.0



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





#63

Azobenzene

Concen: 81.218 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 2347274

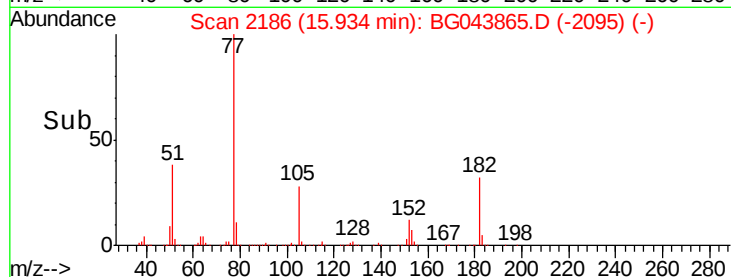
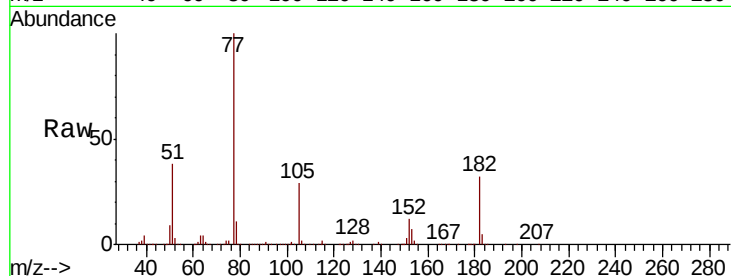
Ion	Ratio	Lower	Upper
77	100		
182	32.4	7.3	47.3
105	28.6	3.2	43.2
51	38.0	10.6	50.6

77 100

182 32.4 7.3 47.3

105 28.6 3.2 43.2

51 38.0 10.6 50.6



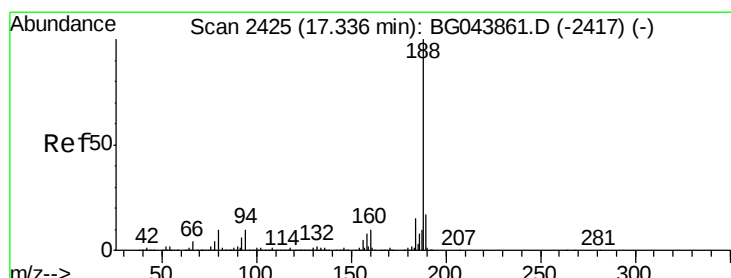
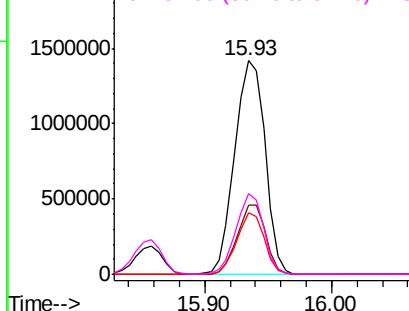
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

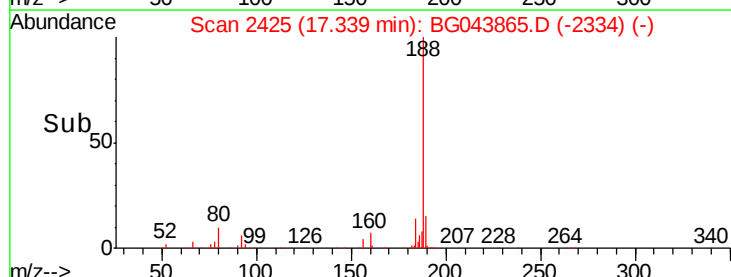
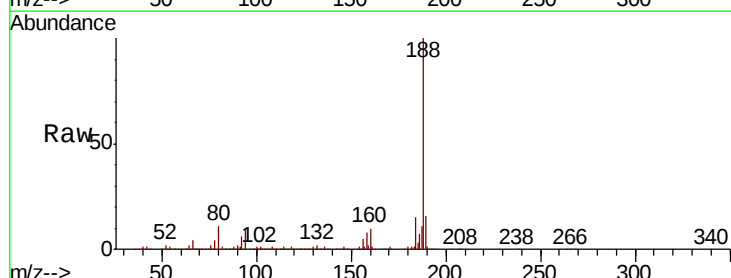
Tgt Ion: 188 Resp: 817014

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.0	8.2	12.4

188 100

94 10.2 7.9 11.9

80 11.0 8.2 12.4

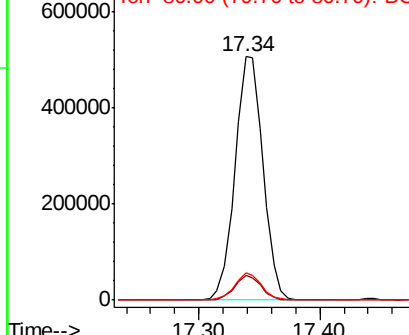


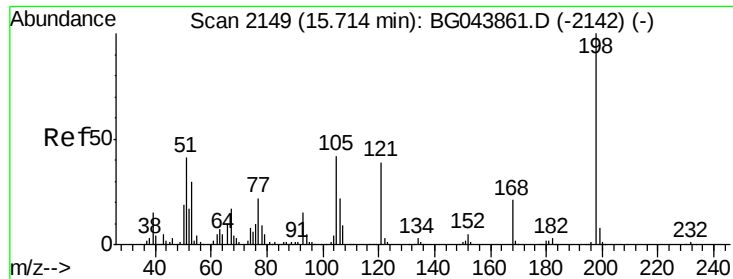
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

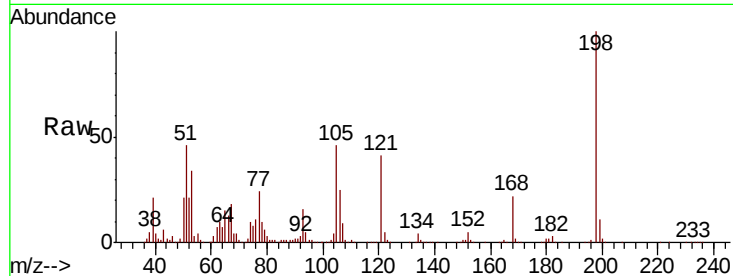




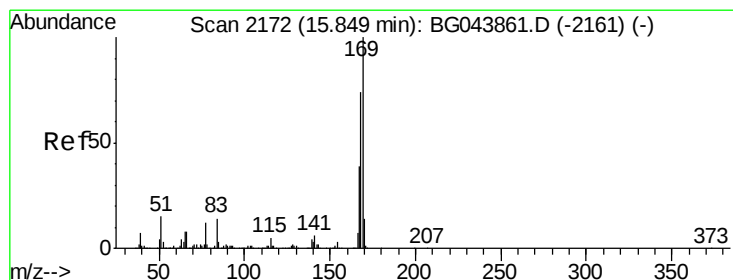
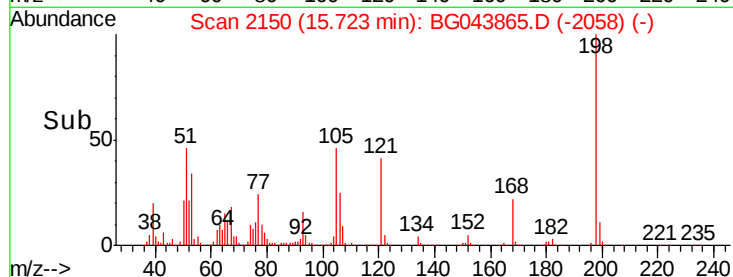
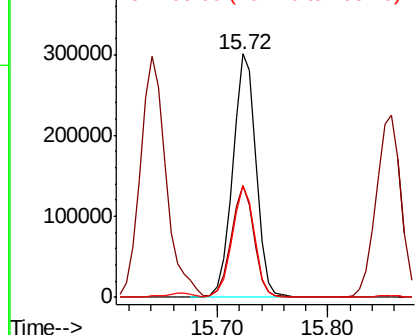
#65
 4,6-Dinitro-2-methylphenol
 Concen: 114.226 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 442958
 Ion Ratio Lower Upper
 198 100
 51 46.0 22.5 62.5
 105 46.2 22.3 62.3

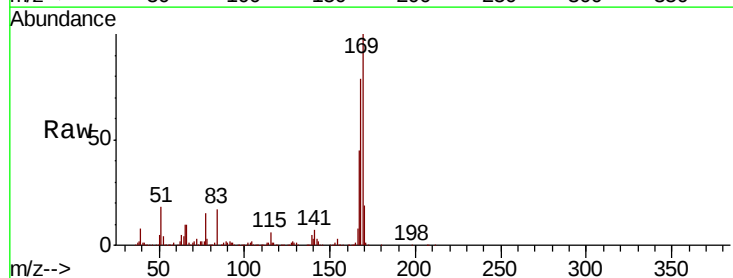


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

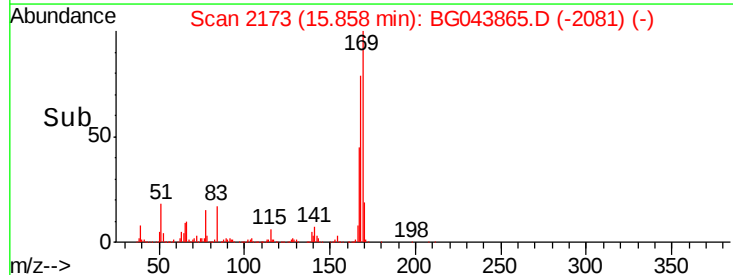
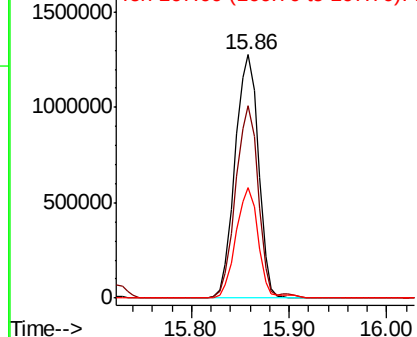


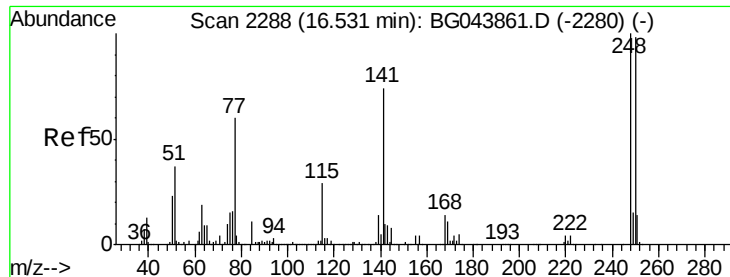
#66
 n-Nitrosodiphenylamine
 Concen: 88.267 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Tgt Ion:169 Resp: 2120487
 Ion Ratio Lower Upper
 169 100
 168 78.9 59.0 88.6
 167 45.2 31.4 47.0



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





#67

4-Bromophenyl-phenylether

Concen: 94.633 ng

RT: 16.53 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

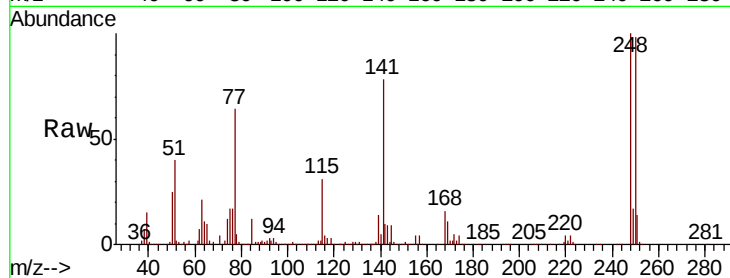
Tot Ion:248 Resp: 862772

Ion Ratio Lower Upper

248 100

250 97.6 78.2 117.2

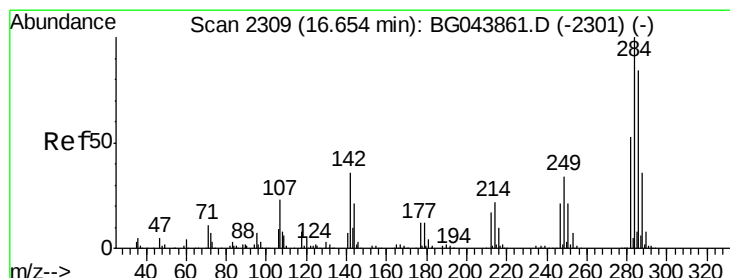
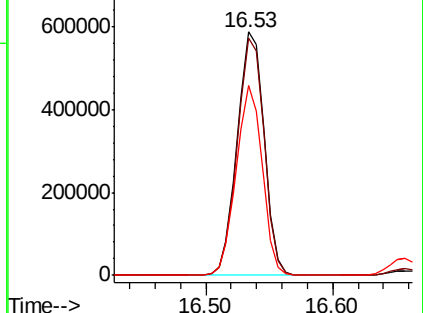
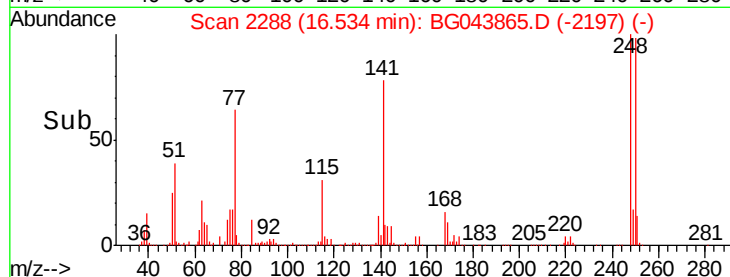
141 77.8 59.3 88.9



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 93.970 ng

RT: 16.66 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

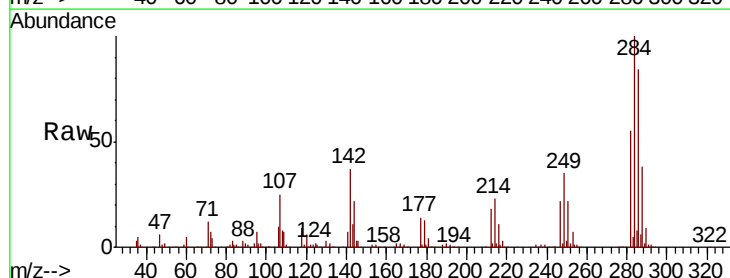
Tgt Ion:284 Resp: 928056

Ion Ratio Lower Upper

284 100

142 37.1 28.6 43.0

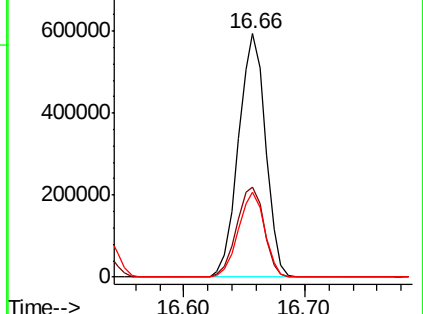
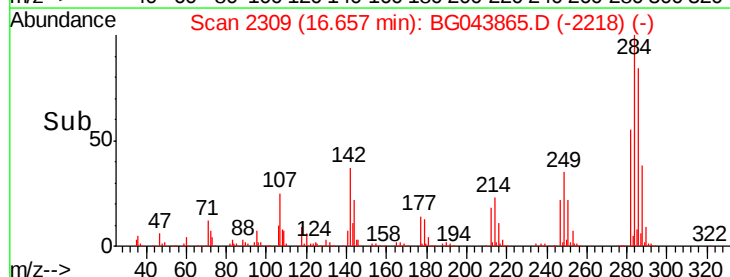
249 34.9 27.0 40.6

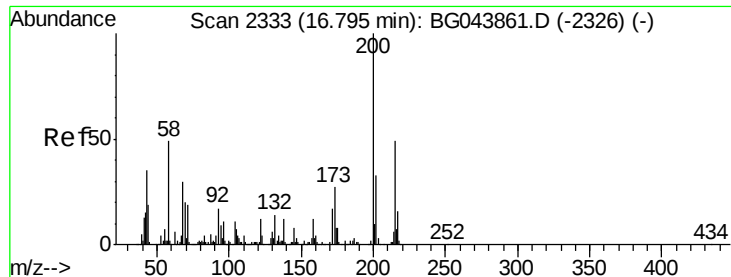


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

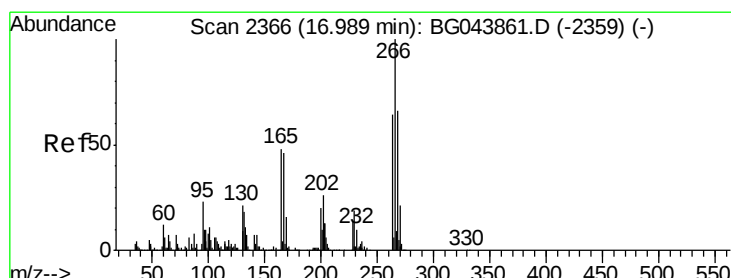
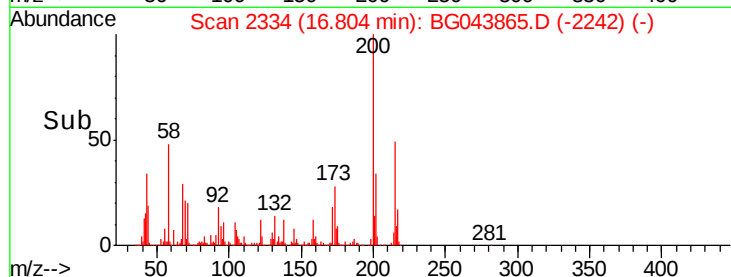
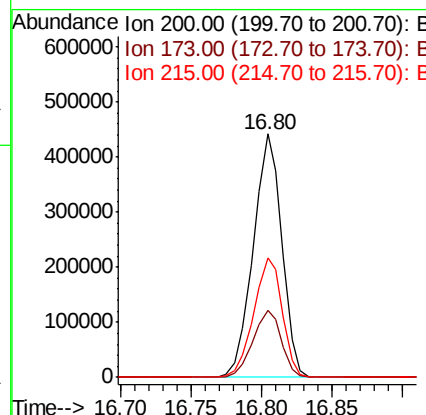
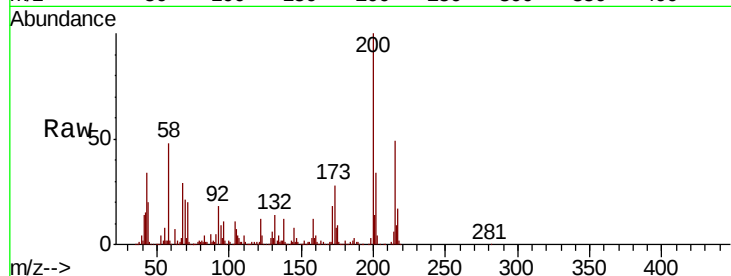




#69
Atrazine
Concen: 79.549 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

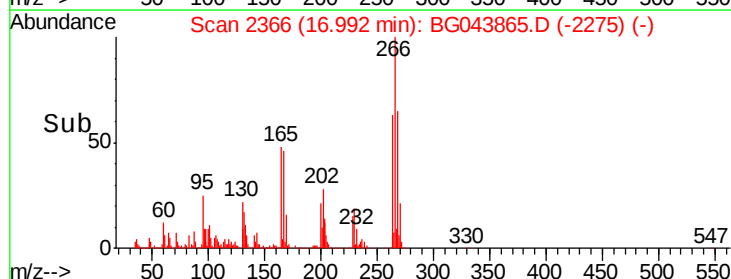
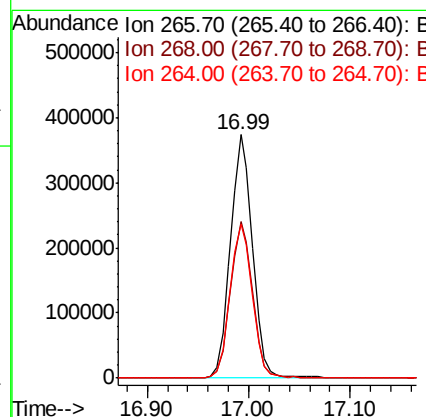
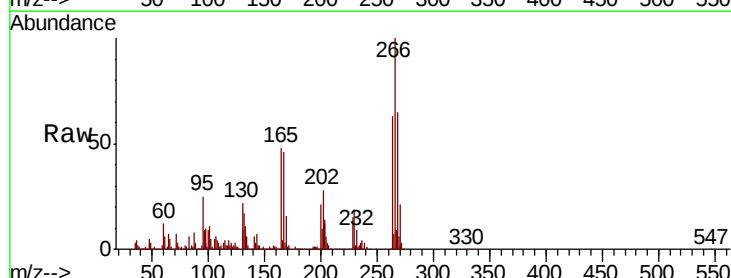
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.6	46.6
215	48.9	28.6	68.6



#70
Pentachlorophenol
Concen: 104.426 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.6	79.0
264	63.1	50.8	76.2

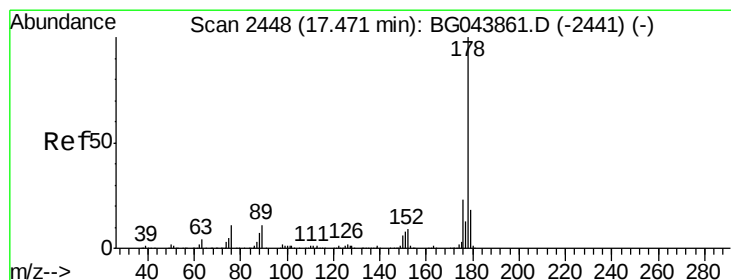
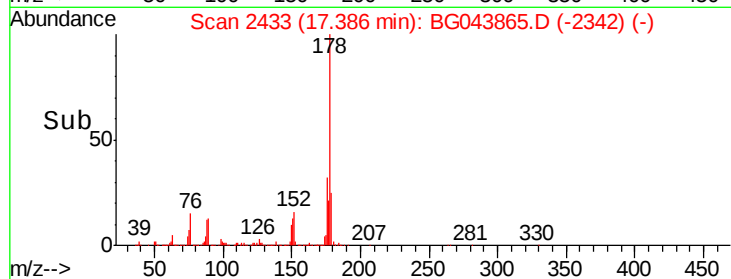
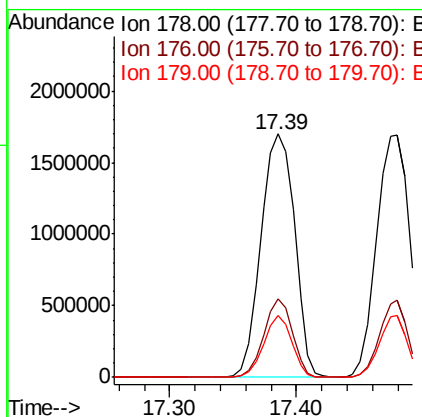
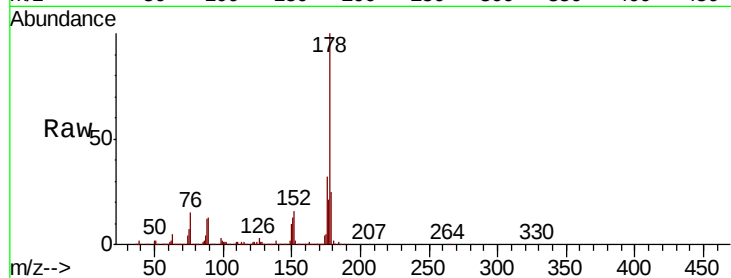




#71
Phenanthrene
Concen: 80.157 ng
RT: 17.39 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

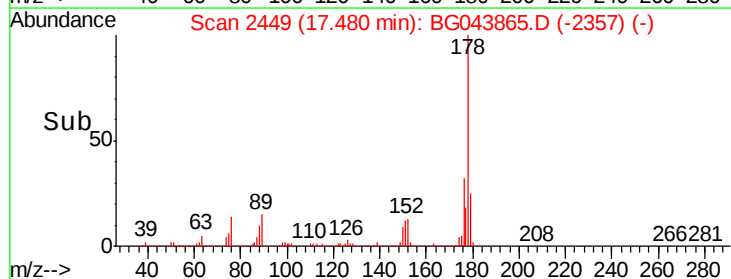
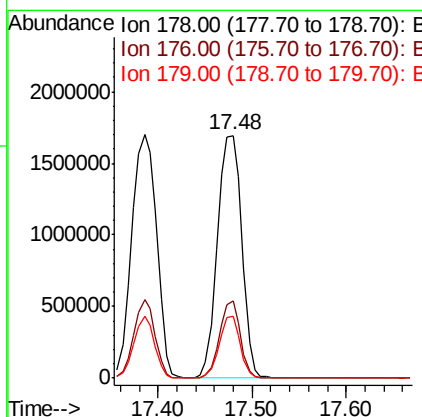
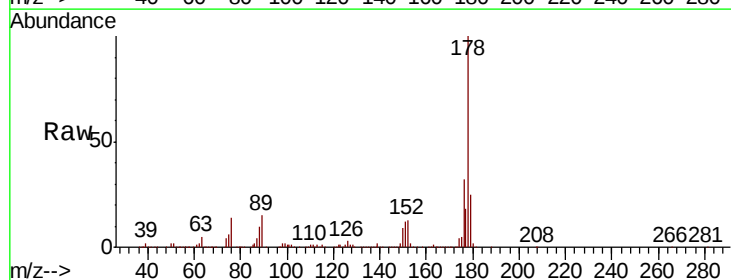
Instrument :
BNA_G
ClientSampleId :

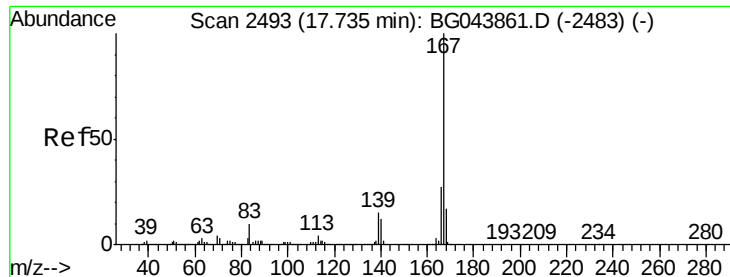
Tot Ion:178 Resp: 3142383
Ion Ratio Lower Upper
178 100
176 32.3 18.6 28.0#
179 25.2 14.4 21.6#



#72
Anthracene
Concen: 79.084 ng
RT: 17.48 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:178 Resp: 3069394
Ion Ratio Lower Upper
178 100
176 31.8 18.3 27.5#
179 25.3 14.6 22.0#

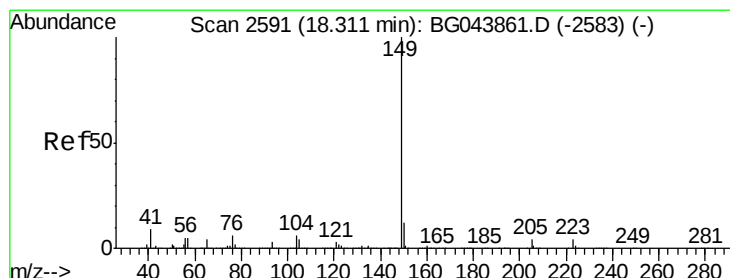
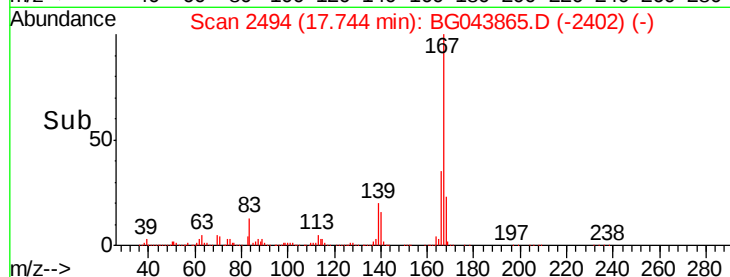
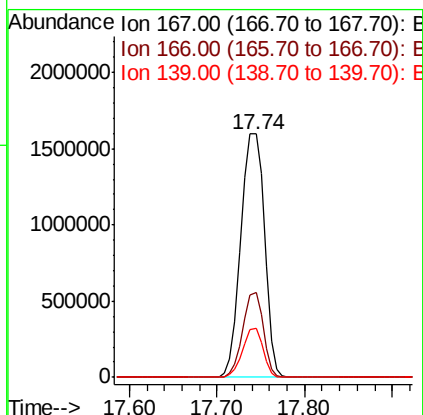
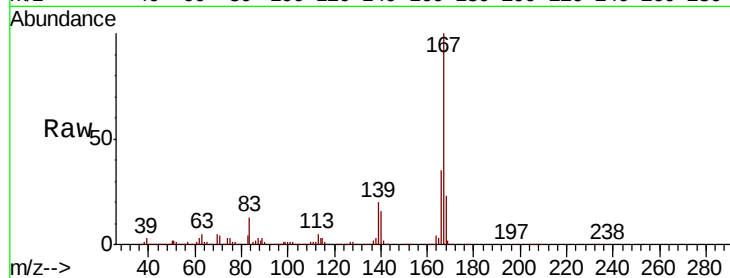




#73
 Carbazole
 Concen: 81.803 ng
 RT: 17.74 min Scan# 2494
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

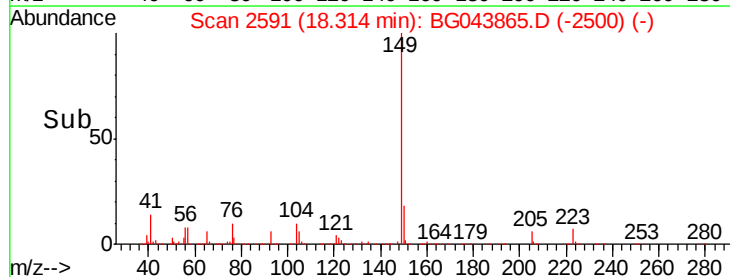
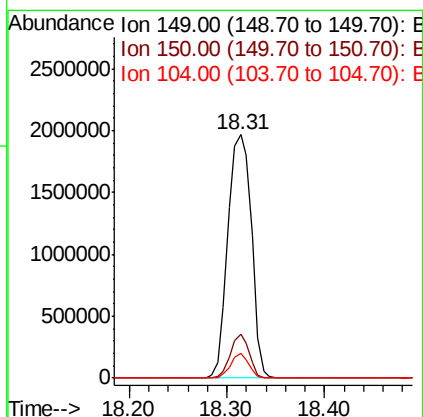
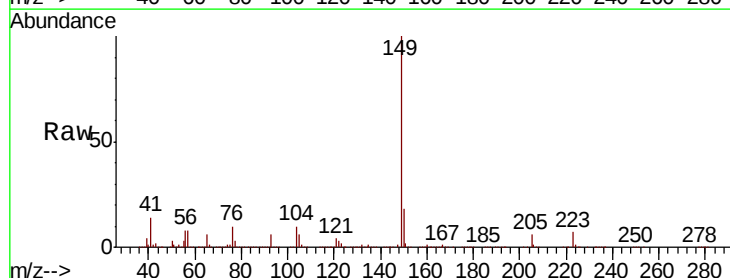
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 2903731
 Ion Ratio Lower Upper
 167 100
 166 34.9 21.6 32.4#
 139 20.0 12.1 18.1#



#74
 Di-n-butylphthalate
 Concen: 76.847 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Tgt Ion:149 Resp: 3280541
 Ion Ratio Lower Upper
 149 100
 150 18.3 9.7 14.5#
 104 10.2 5.0 7.4#





#75

Fluoranthene

Concen: 79.148 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

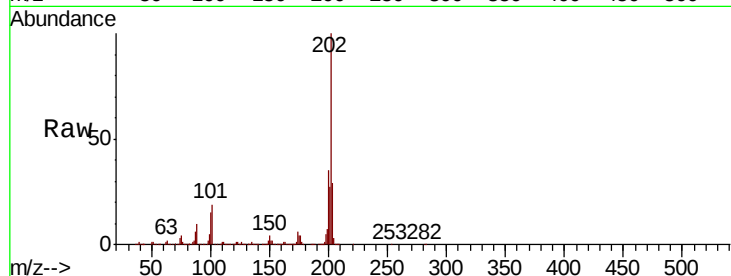
Tot Ion:202 Resp: 3346133

Ion Ratio Lower Upper

202 100

101 19.2 0.0 33.3

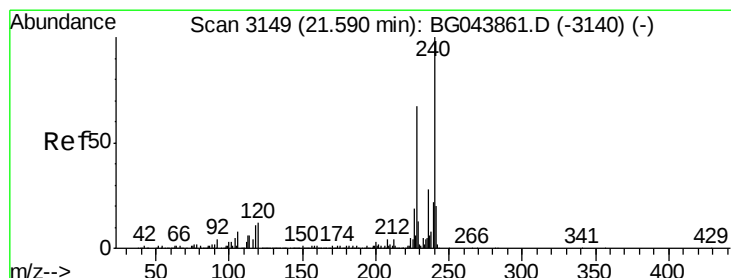
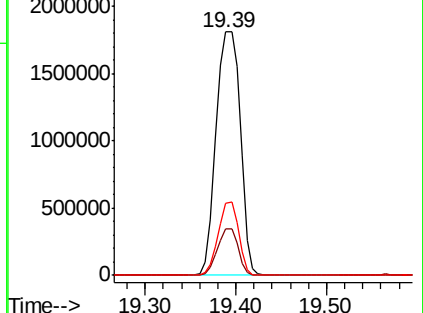
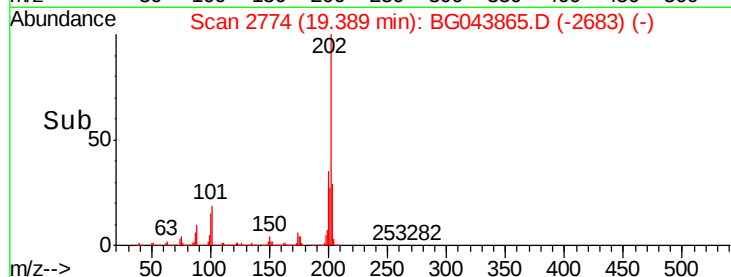
203 29.5 1.6 41.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

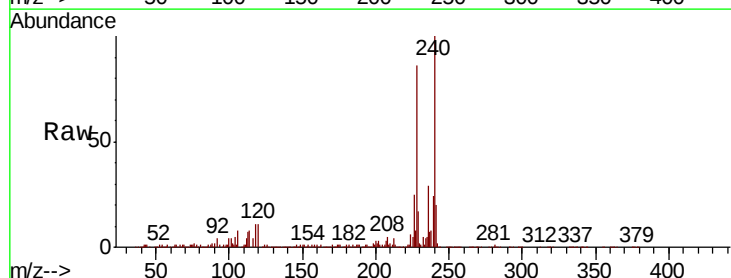
Tgt Ion:240 Resp: 692857

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

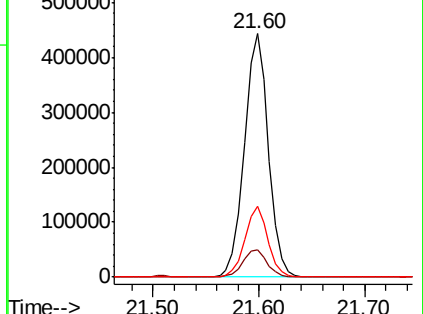
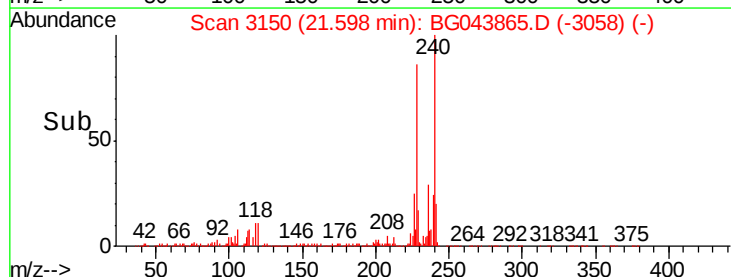
236 29.0 22.2 33.2

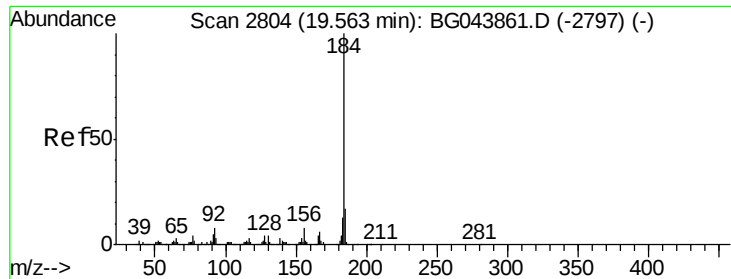


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 84.199 ng

RT: 19.57 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

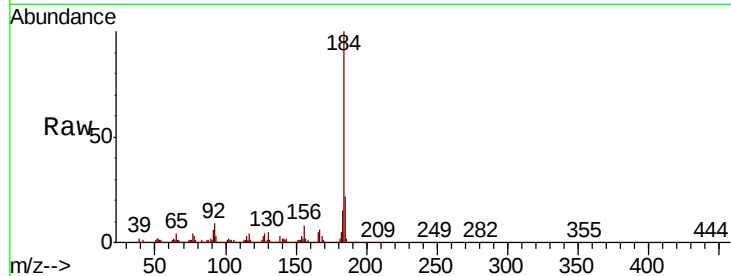
Tot Ion:184 Resp: 1557126

Ion	Ratio	Lower	Upper
184	100		
185	22.1	13.4	20.0#
183	14.9	10.6	15.8

184 100

185 22.1 13.4 20.0#

183 14.9 10.6 15.8

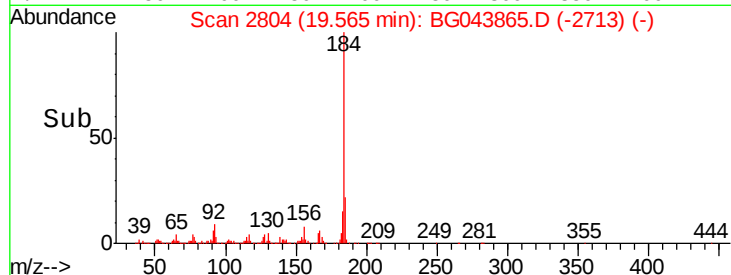
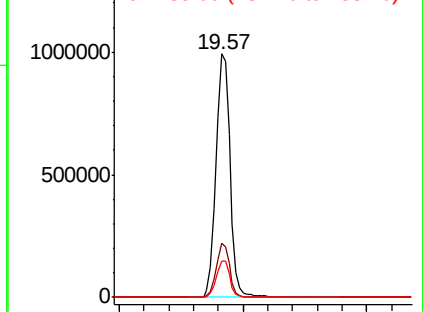


Abundance

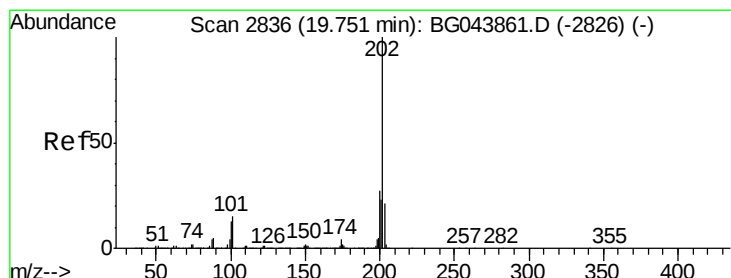
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 76.492 ng

RT: 19.75 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

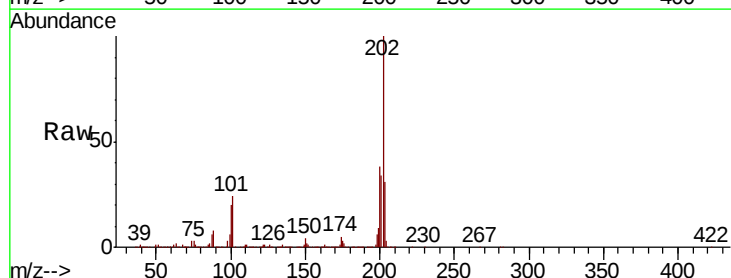
Tgt Ion:202 Resp: 3330789

Ion	Ratio	Lower	Upper
202	100		
200	38.3	21.7	32.5#
203	31.4	17.0	25.6#

202 100

200 38.3 21.7 32.5#

203 31.4 17.0 25.6#

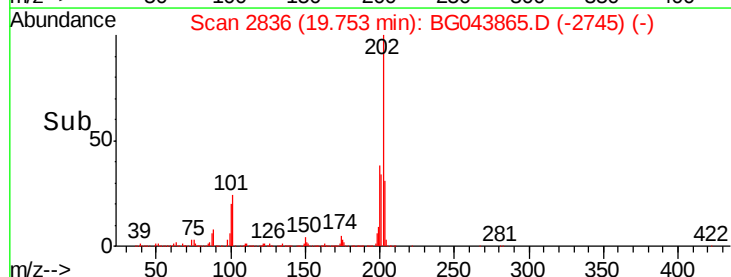
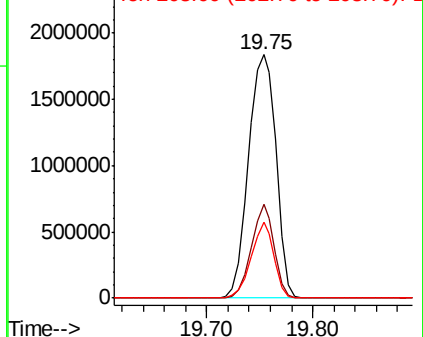


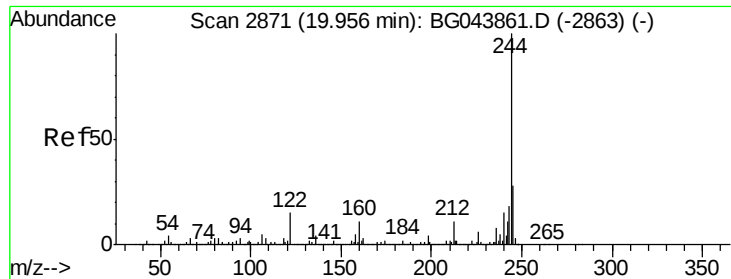
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

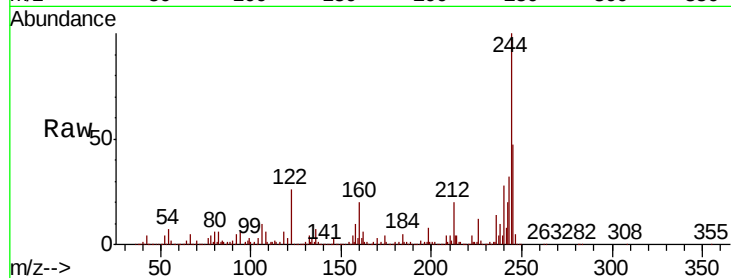




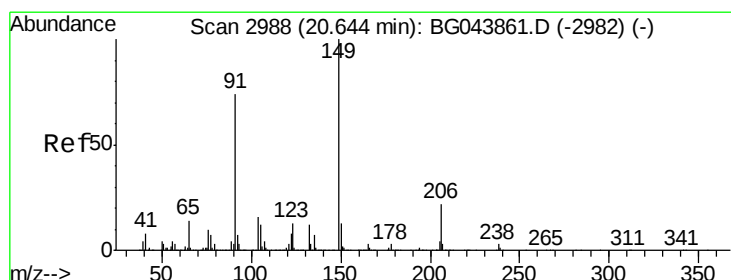
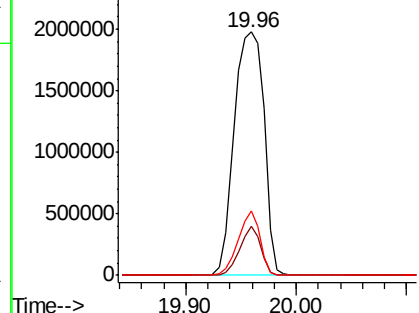
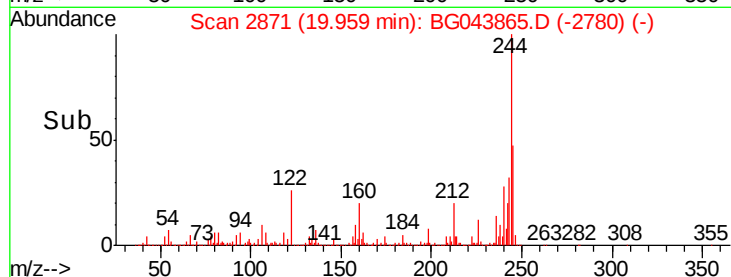
#79
 Terphenyl-d14
 Concen: 121.135 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 3774232
 Ion Ratio Lower Upper
 244 100
 212 20.2 8.6 13.0#
 122 26.4 11.9 17.9#

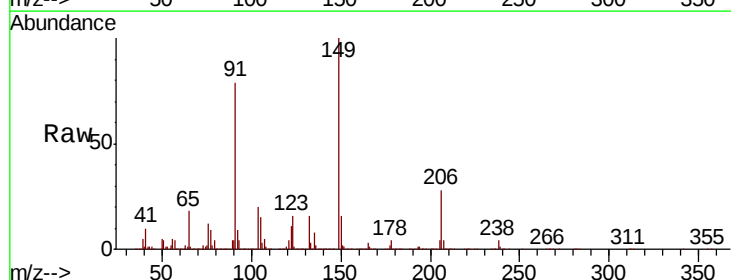


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

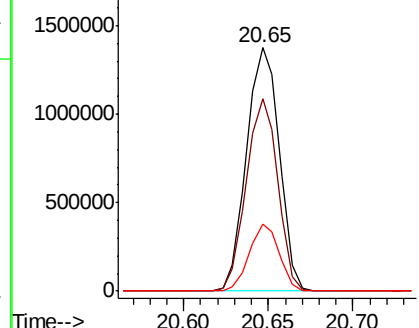
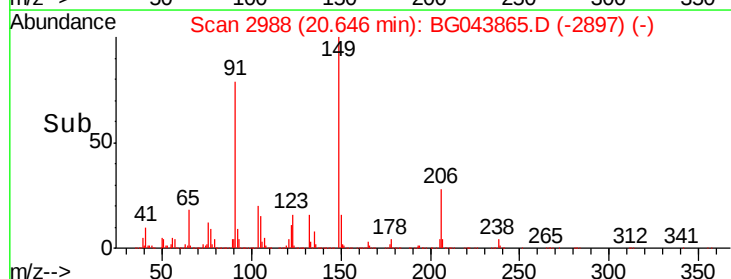


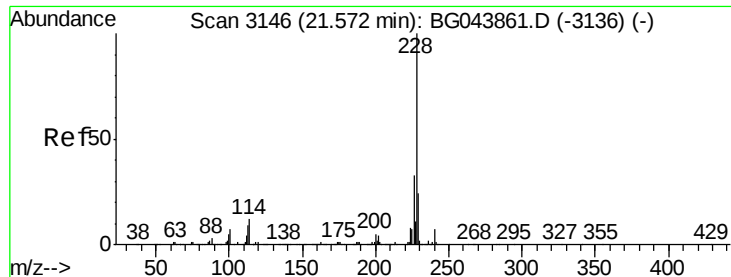
#80
 Butylbenzylphthalate
 Concen: 87.714 ng
 RT: 20.65 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 13:22

Tgt Ion:149 Resp: 1863597
 Ion Ratio Lower Upper
 149 100
 91 79.1 59.5 89.3
 206 27.7 17.8 26.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 81.270 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampled :

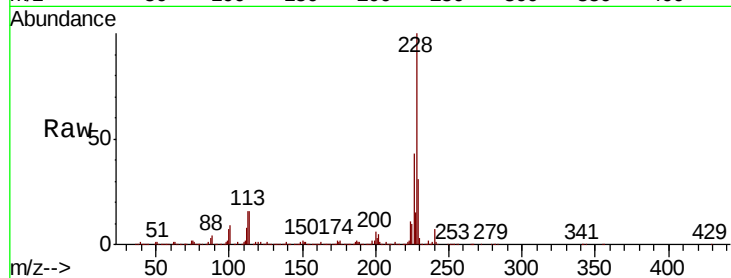
Tot Ion:228 Resp: 3489960

Ion Ratio Lower Upper

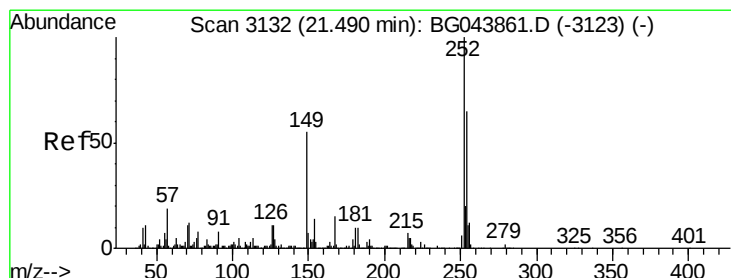
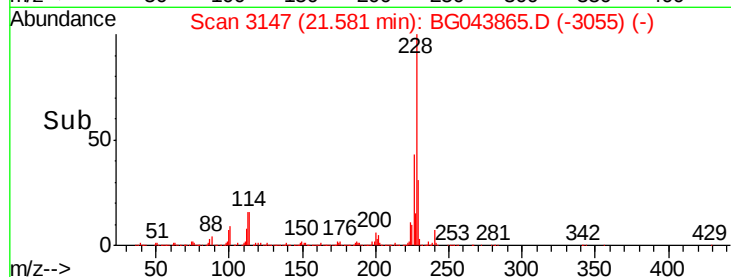
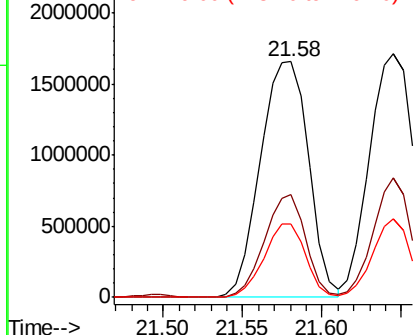
228 100

226 43.4 26.2 39.4#

229 31.3 18.9 28.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 86.805 ng

RT: 21.49 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

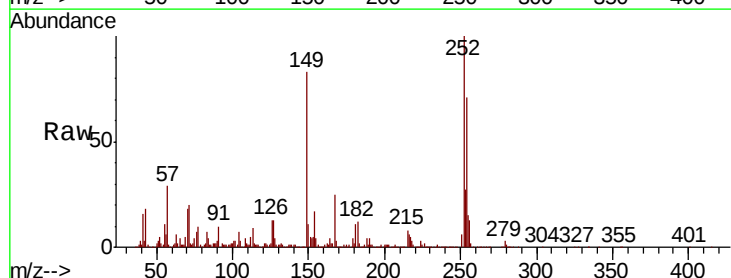
Tgt Ion:252 Resp: 1479143

Ion Ratio Lower Upper

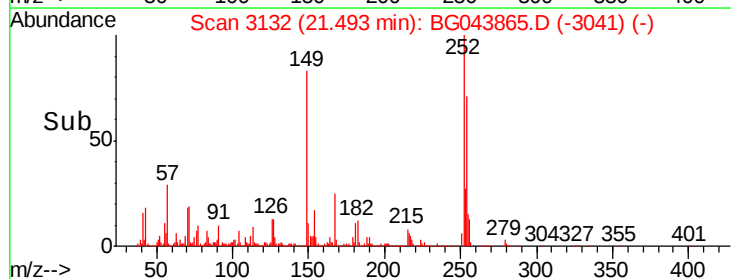
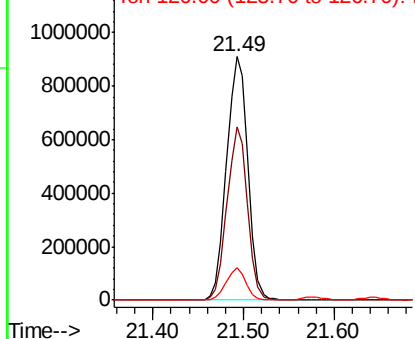
252 100

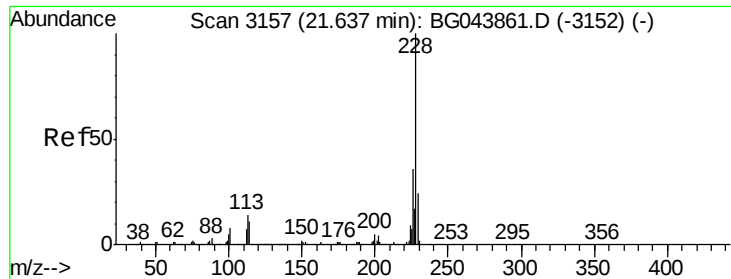
254 71.0 52.1 78.1

126 13.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 79.326 ng

RT: 21.65 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

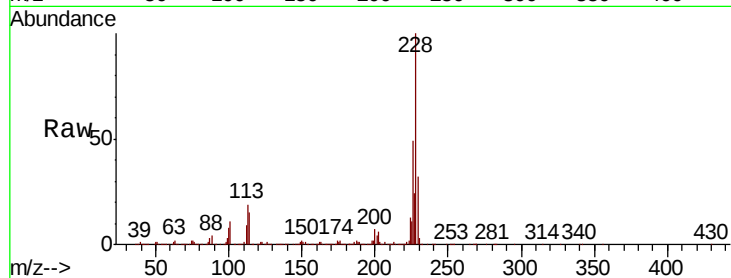
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 3240216

Ion	Ratio	Lower	Upper
228	100		
226	48.9	28.8	43.2#
229	32.3	19.0	28.6#

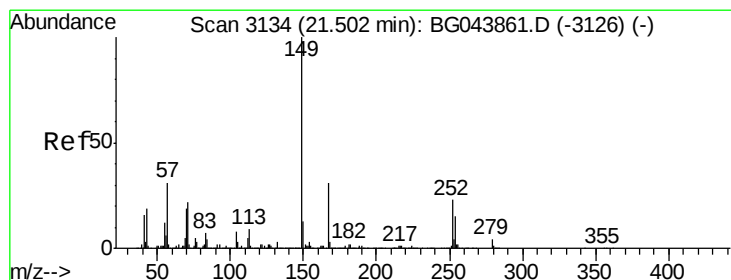
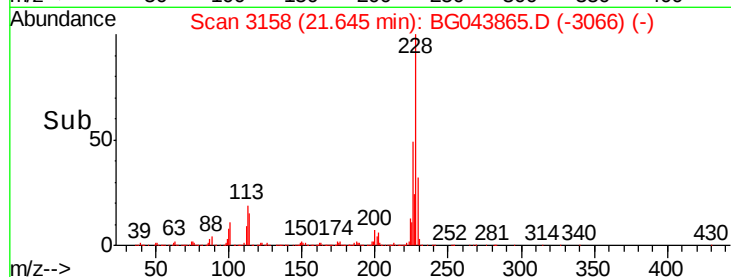
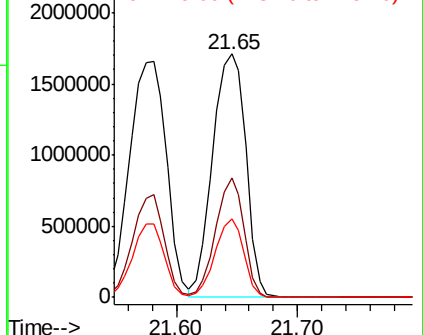


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 80.718 ng

RT: 21.50 min Scan# 3134

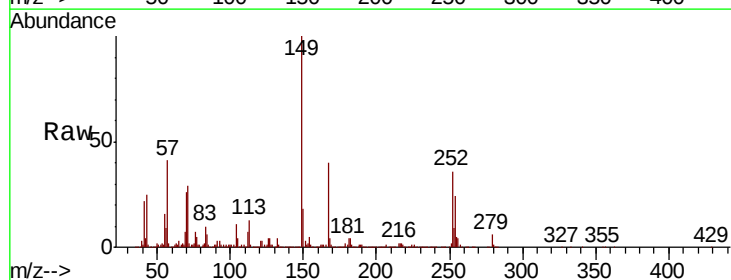
Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Tgt Ion:149 Resp: 2380485

Ion	Ratio	Lower	Upper
149	100		
167	39.7	24.7	37.1#
279	6.0	3.3	4.9#

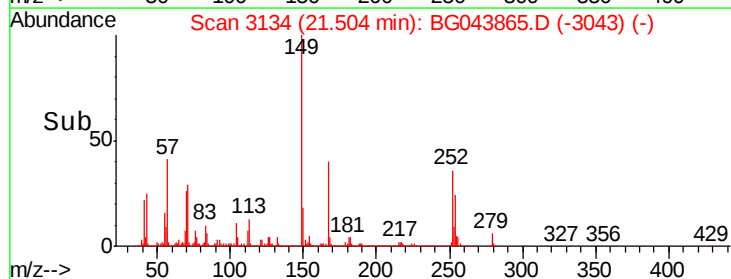
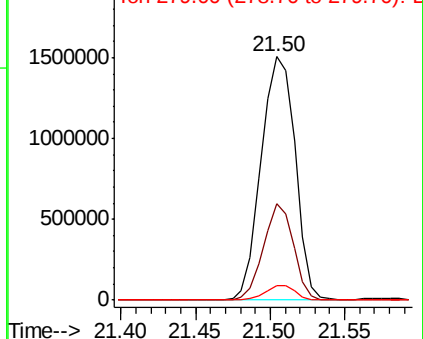


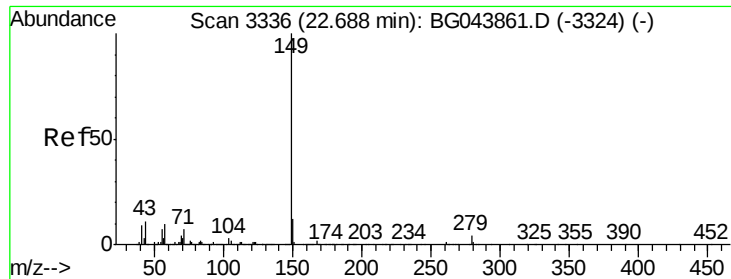
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 80.739 ng

RT: 22.70 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

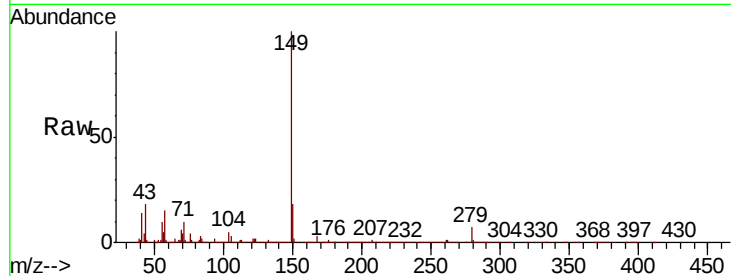
Tot Ion:149 Resp: 4004852

Ion Ratio Lower Upper

149 100

167 2.4 1.4 2.0#

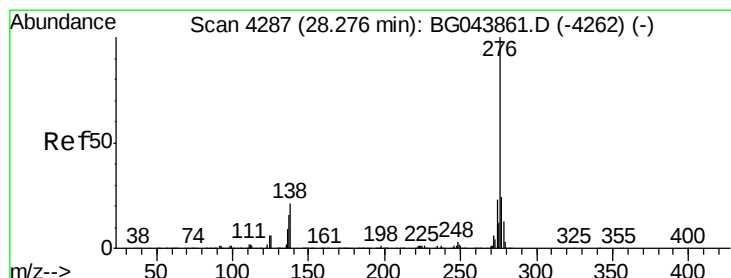
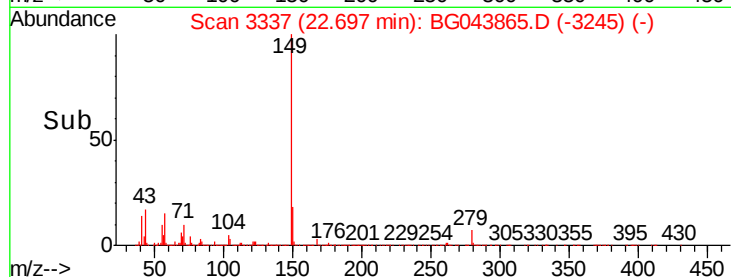
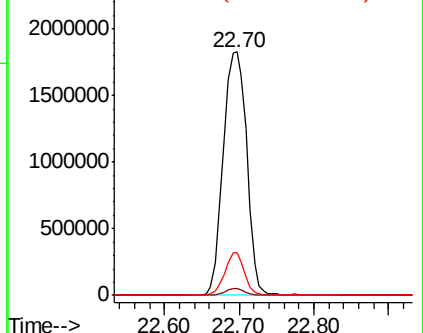
43 14.5 8.8 13.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 93.905 ng

RT: 28.29 min Scan# 4289

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

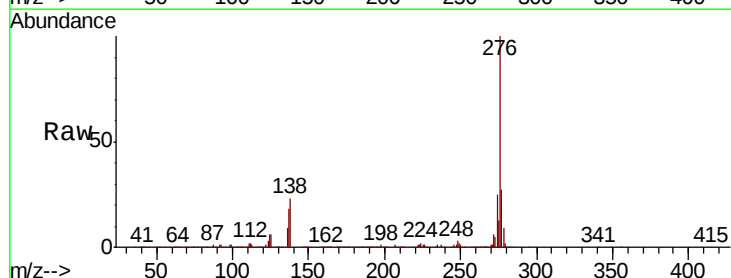
Tgt Ion:276 Resp: 5227000

Ion Ratio Lower Upper

276 100

138 18.7 21.0 31.4#

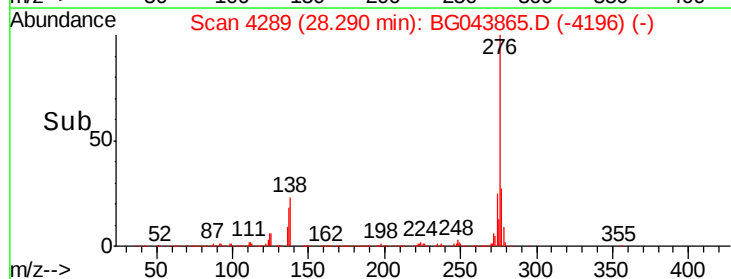
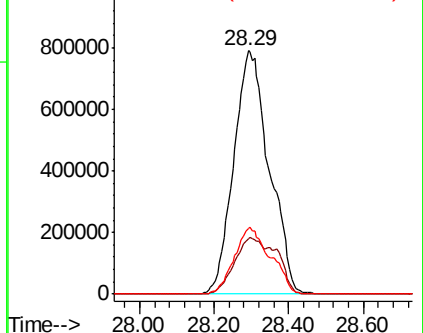
277 27.9 21.1 31.7

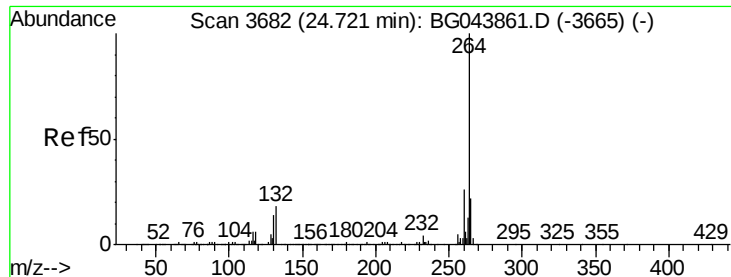


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

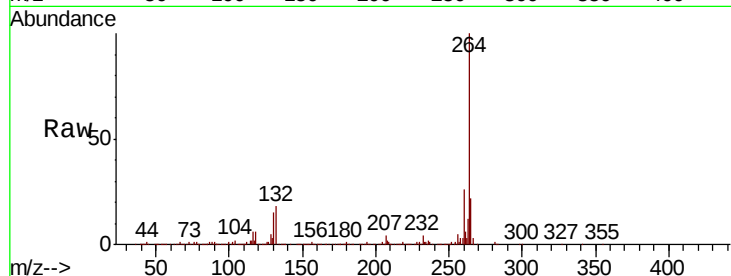
Tot Ion:264 Resp: 792988

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

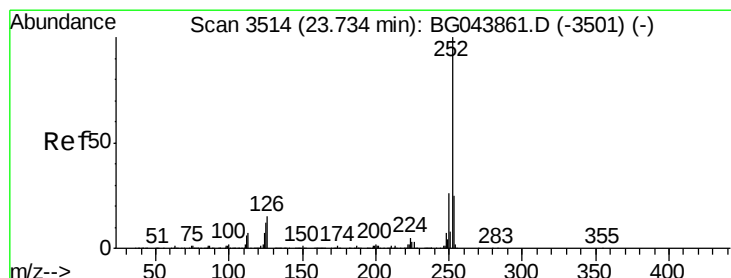
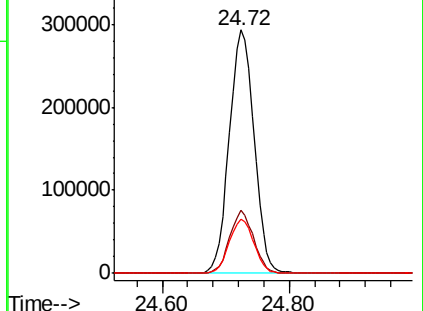
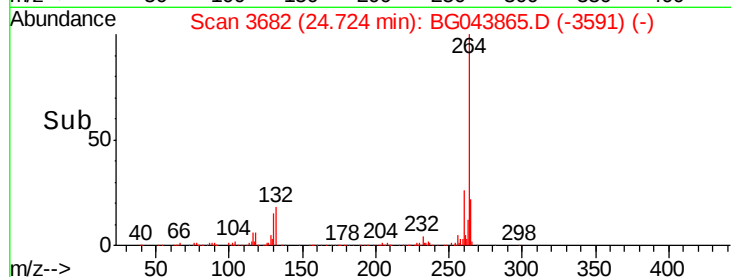
265 22.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 89.180 ng

RT: 23.74 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

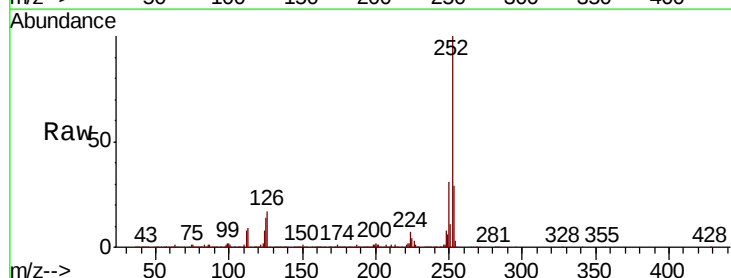
Tgt Ion:252 Resp: 4151878

Ion Ratio Lower Upper

252 100

253 29.3 19.7 29.5

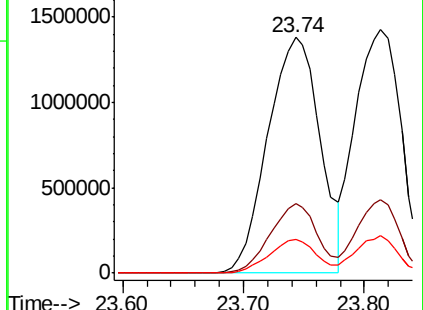
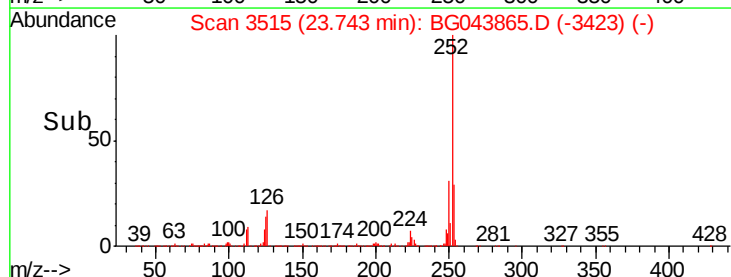
125 14.3 9.4 14.2#

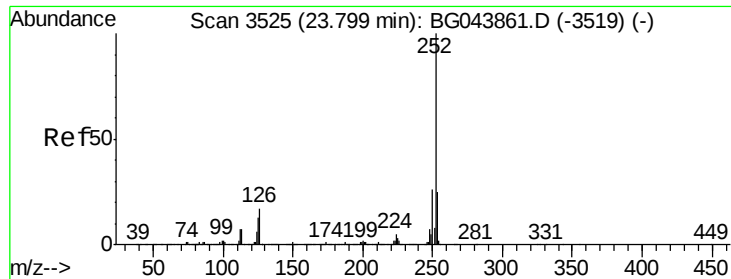


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

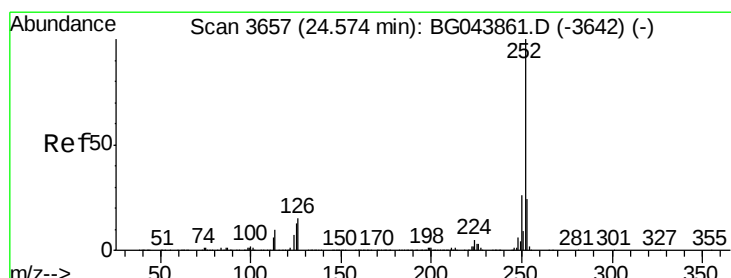
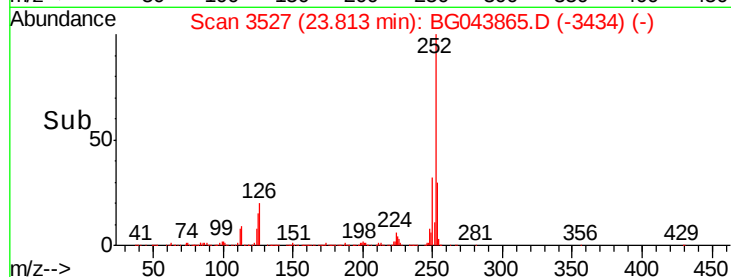
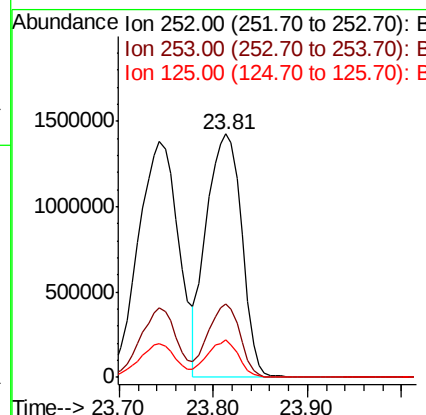
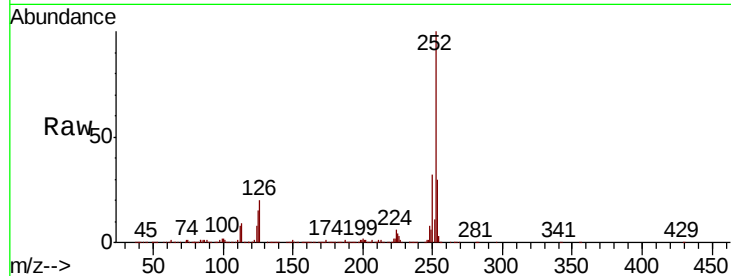




#89
Benzo(k)fluoranthene
Concen: 83.782 ng
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

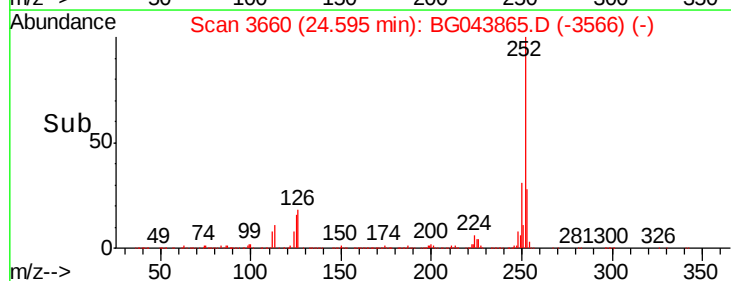
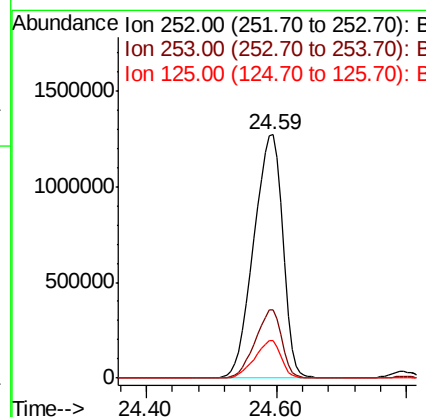
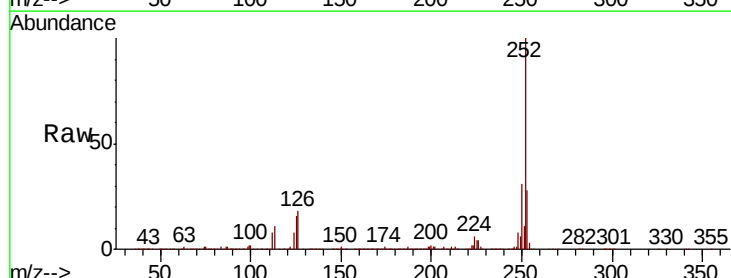
Instrument :
BNA_G
ClientSampleId :

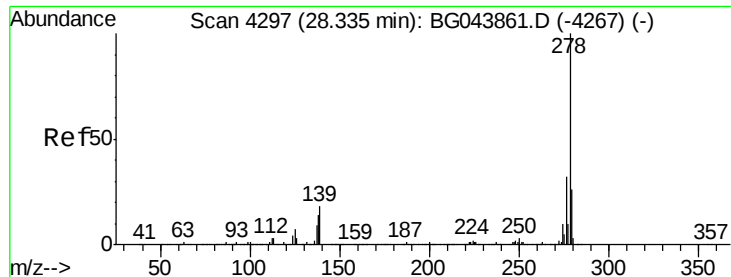
Tot Ion:252 Resp: 3741441
Ion Ratio Lower Upper
252 100
253 30.1 19.4 29.2#
125 15.4 9.9 14.9#



#90
Benzo(a)pyrene
Concen: 89.133 ng
RT: 24.59 min Scan# 3660
Delta R.T. 0.02 min
Lab File: BG043865.D
Acq: 30 Dec 2019 13:22

Tgt Ion:252 Resp: 3926501
Ion Ratio Lower Upper
252 100
253 28.2 19.3 28.9
125 15.5 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 91.870 ng

RT: 28.37 min Scan# 4302

Delta R.T. 0.03 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

Instrument :

BNA_G

ClientSampleId :

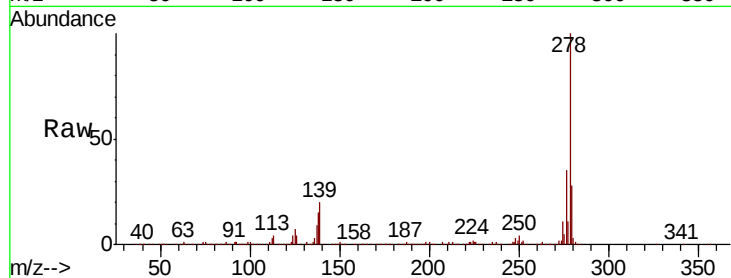
Tot Ion:278 Resp: 4093839

Ion Ratio Lower Upper

278 100

139 19.7 14.2 21.4

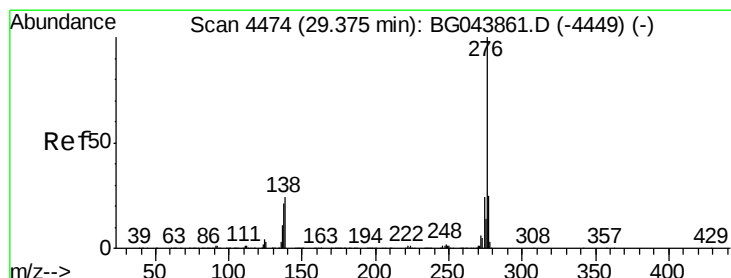
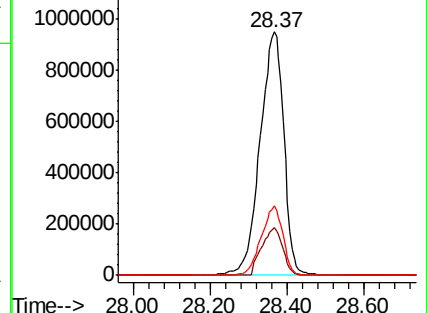
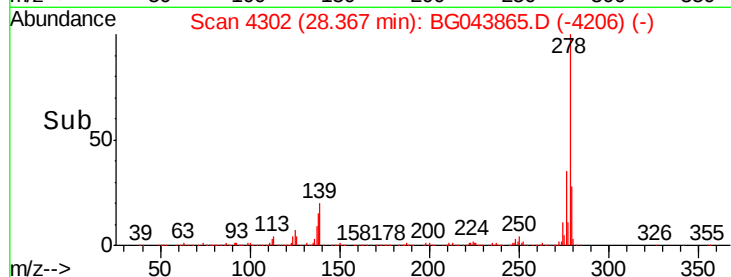
279 28.4 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 94.540 ng

RT: 29.42 min Scan# 4481

Delta R.T. 0.04 min

Lab File: BG043865.D

Acq: 30 Dec 2019 13:22

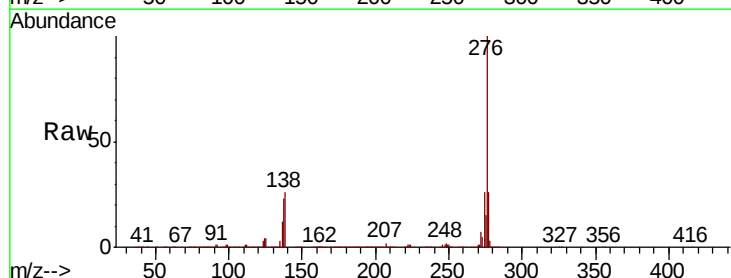
Tgt Ion:276 Resp: 4163715

Ion Ratio Lower Upper

276 100

277 26.4 20.2 30.4

138 25.8 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

