

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043953.D
 Acq On : 7 Jan 2020 13:44
 Operator : JU
 Sample : IDOC-W-04-CG
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 07 16:42:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	116208	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	513816	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	345556	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	754872	20.00	ng	0.00
76) Chrysene-d12	21.58	240	649083	20.00	ng	0.00
87) Perylene-d12	24.71	264	711066	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	774938	122.44	ng	0.00
7) Phenol-d6	7.13	99	1027398	116.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	654151	68.11	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	393369	108.78	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1431263	75.04	ng	0.00
79) Terphenyl-d14	19.95	244	2045920	73.13	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	107039	38.788	ng 98
3) Pyridine	3.82	79	260862	31.999	ng 96
4) n-Nitrosodimethylamine	3.73	42	139111	38.328	ng 99
6) Aniline	7.28	93	348917	30.027	ng 99
8) 2-Chlorophenol	7.52	128	332169	44.706	ng 99
9) Benzaldehyde	7.09	77	196896	34.774	ng 99
10) Phenol	7.15	94	414592	45.485	ng 100
11) bis(2-Chloroethyl)ether	7.38	93	307097	39.031	ng 99
12) 1,3-Dichlorobenzene	7.85	146	340082	39.113	ng 98
13) 1,4-Dichlorobenzene	7.99	146	339945	39.626	ng 99
14) 1,2-Dichlorobenzene	8.32	146	324604	39.420	ng 99
15) Benzyl Alcohol	8.19	79	286183	40.988	ng 100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	429672	35.298	ng 98
17) 2-Methylphenol	8.41	107	287652	43.609	ng 97
18) Hexachloroethane	9.05	117	127107	38.077	ng 97
19) n-Nitroso-di-n-propylamine	8.76	70	248538	37.724	ng 98
20) 3+4-Methylphenols	8.73	107	397482	43.196	ng 96
22) Acetophenone	8.78	105	458224	35.872	ng 99
24) Nitrobenzene	9.16	77	353555	37.166	ng 99
25) Isophorone	9.68	82	666616	36.994	ng 100
26) 2-Nitrophenol	9.87	139	184653	41.028	ng 98
27) 2,4-Dimethylphenol	9.93	122	318994	47.085	ng 99
28) bis(2-Chloroethoxy)methane	10.17	93	429572	35.758	ng 100
29) 2,4-Dichlorophenol	10.41	162	333783	41.304	ng 99
30) 1,2,4-Trichlorobenzene	10.63	180	332388	36.683	ng 98
31) Naphthalene	10.81	128	973175	39.139	ng 99
32) Benzoic acid	10.06	122	116411	24.609	ng 98
33) 4-Chloroaniline	10.91	127	271137	22.863	ng 99
34) Hexachlorobutadiene	11.11	225	194769	35.206	ng 98
35) Caprolactam	11.68	113	89485	29.745	ng 98
36) 4-Chloro-3-methylphenol	12.04	107	355728	41.350	ng 98
37) 2-Methylnaphthalene	12.42	142	728051	38.893	ng 99
38) 1-Methylnaphthalene	12.64	142	700077	39.460	ng 100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	350336	34.590	ng 99

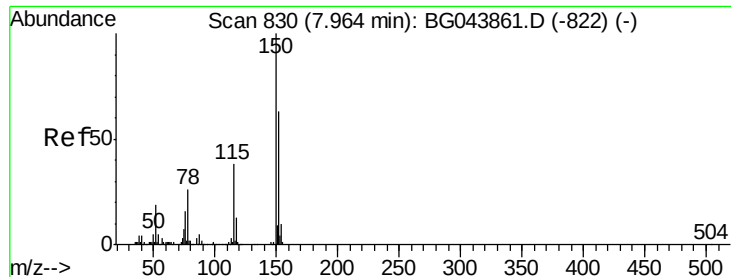
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043953.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	446146	84.966	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	260888	37.435	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	284891	39.636	ng	98
46) 1,1'-Biphenyl	13.42	154	923553	37.276	ng	100
47) 2-Chloronaphthalene	13.46	162	725547	36.240	ng	98
48) 2-Nitroaniline	13.66	65	233323	36.230	ng	98
49) Acenaphthylene	14.31	152	1142365	39.699	ng	99
50) Dimethylphthalate	14.05	163	936944	38.187	ng	99
51) 2,6-Dinitrotoluene	14.16	165	214458	38.671	ng	97
52) Acenaphthene	14.66	154	817112	40.492	ng	99
53) 3-Nitroaniline	14.49	138	174541	27.716	ng	99
54) 2,4-Dinitrophenol	14.69	184	188088	67.494	ng	99
55) Dibenzofuran	14.99	168	1109502	39.939	ng	99
56) 4-Nitrophenol	14.80	139	412973	85.575	ng	97
57) 2,4-Dinitrotoluene	14.95	165	305275	40.455	ng	99
58) Fluorene	15.64	166	880448	39.987	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	252178	40.801	ng	97
60) Diethylphthalate	15.42	149	962368	39.215	ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	456795	38.207	ng	98
62) 4-Nitroaniline	15.65	138	229308	36.872	ng	97
63) Azobenzene	15.93	77	906362	39.825	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	158525	41.421	ng	98
66) n-Nitrosodiphenylamine	15.84	169	827984	37.246	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	296624	34.938	ng	99
68) Hexachlorobenzene	16.65	284	320593	35.044	ng	98
69) Atrazine	16.80	200	316036	43.736	ng	99
70) Pentachlorophenol	16.99	266	352987	69.996	ng	98
71) Phenanthrene	17.38	178	1388841	38.358	ng	99
72) Anthracene	17.47	178	1430817	39.986	ng	99
73) Carbazole	17.73	167	1313301	39.732	ng	99
74) Di-n-butylphthalate	18.31	149	1607184	38.084	ng	98
75) Fluoranthene	19.39	202	1603180	38.716	ng	99
77) Benzidine	19.56	184	717165	43.957	ng	99
78) Pyrene	19.75	202	1591543	37.565	ng	99
80) Butylbenzylphthalate	20.64	149	739551	36.664	ng	99
81) Benzo(a)anthracene	21.57	228	1534670	38.131	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	493378	31.028	ng	99
83) Chrysene	21.63	228	1478082	38.650	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1056787	37.970	ng	99
85) Di-n-octyl phthalate	22.68	149	1818239	38.859	ng	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1828805	35.188	ng	# 91
88) Benzo(b)fluoranthene	23.72	252	1648482	39.216	ng	99
89) Benzo(k)fluoranthene	23.79	252	1576732	39.444	ng	99
90) Benzo(a)pyrene	24.56	252	1512471	38.121	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1483537	37.232	ng	98
92) Benzo(g,h,i)perylene	29.35	276	1502333	37.958	ng	98

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

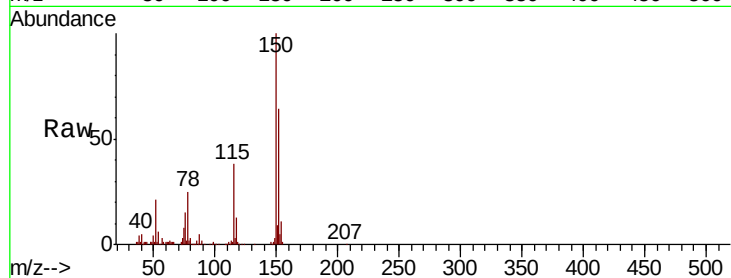


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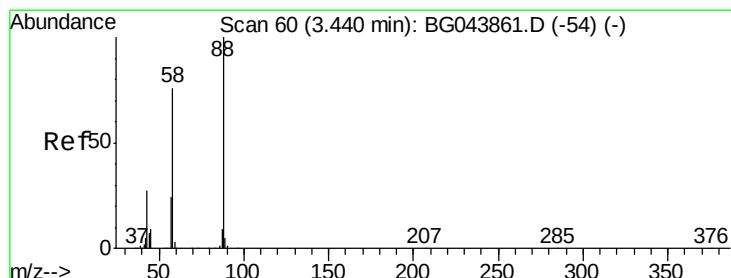
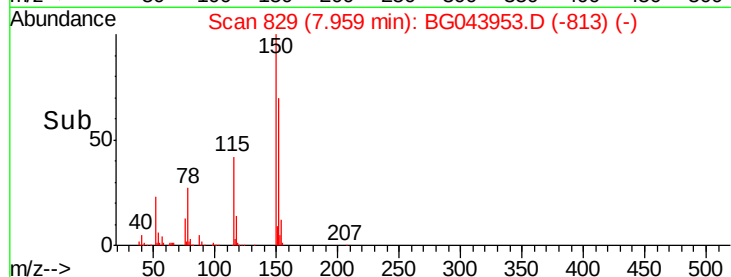
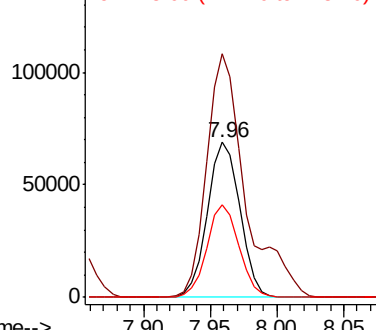
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 116208
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.4
115 60.0 47.8 71.8



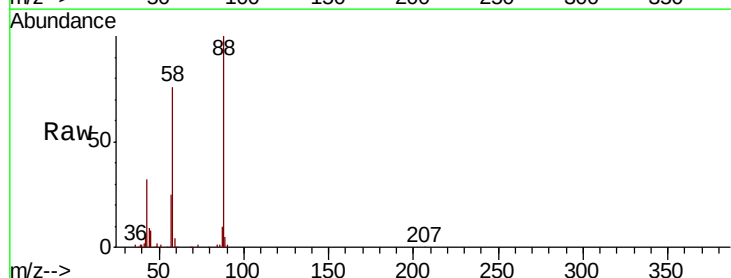
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



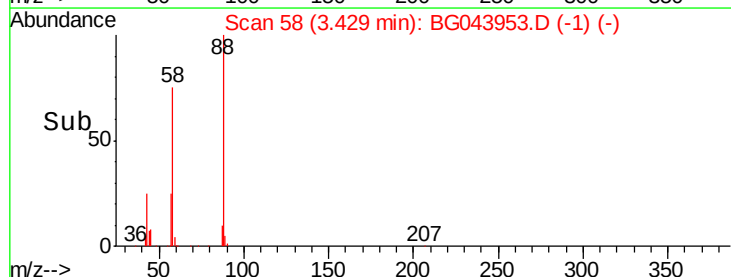
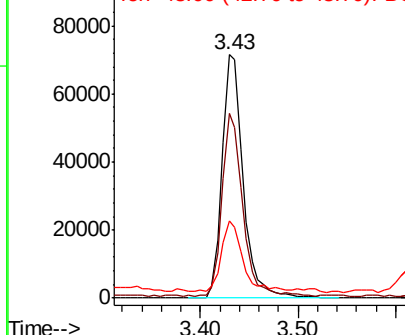
#2

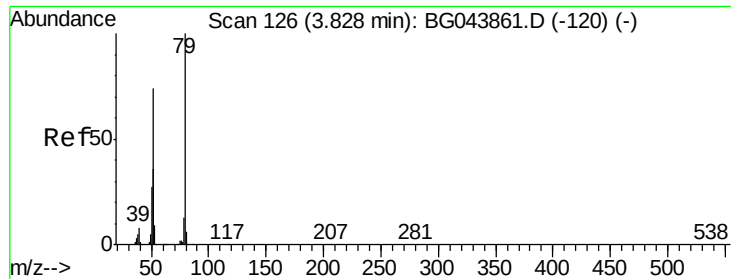
1,4-Dioxane
Concen: 38.788 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion: 88 Resp: 107039
Ion Ratio Lower Upper
88 100
58 72.0 59.8 89.8
43 28.8 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: 31.999 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

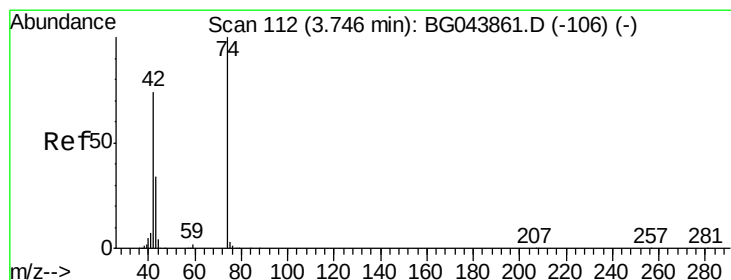
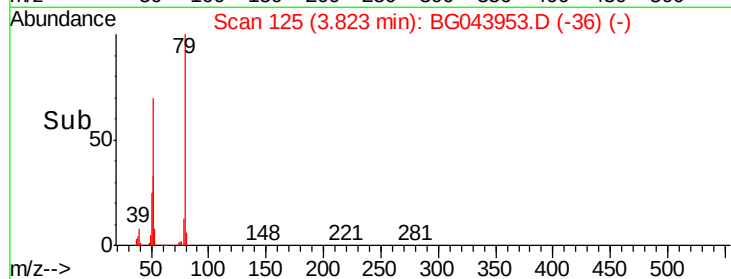
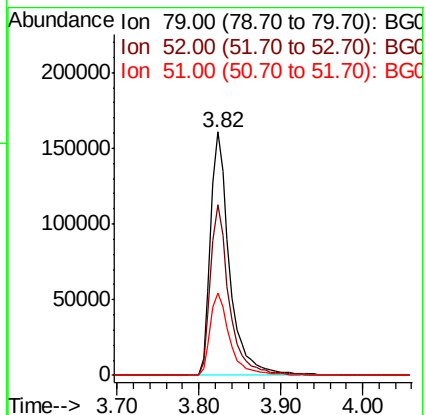
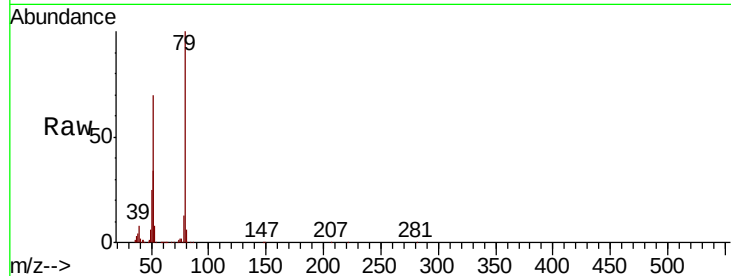
Tot Ion: 79 Resp: 260862

Ion Ratio Lower Upper

79 100

52 70.3 58.9 88.3

51 33.6 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 38.328 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

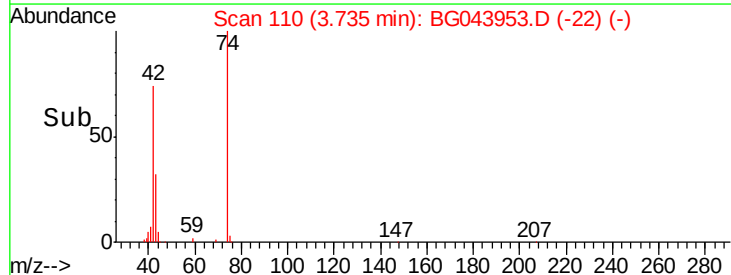
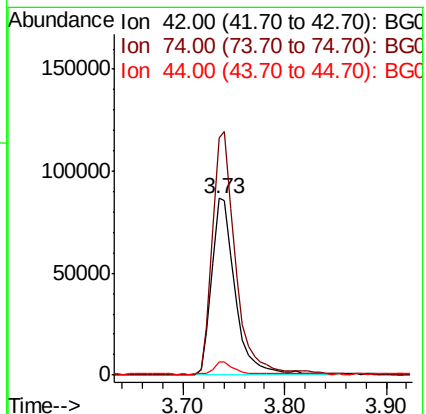
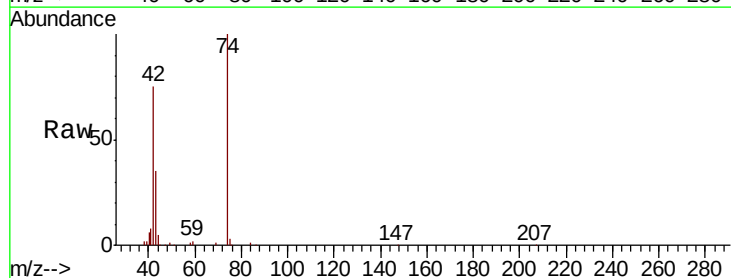
Tgt Ion: 42 Resp: 139111

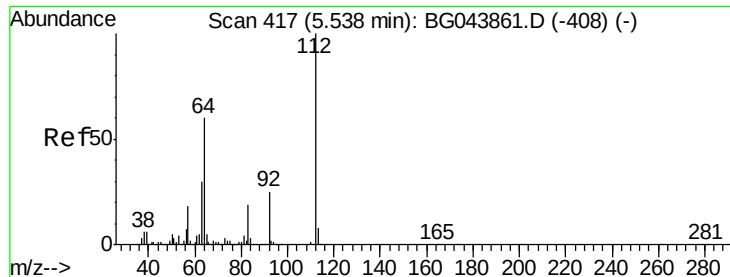
Ion Ratio Lower Upper

42 100

74 134.2 108.6 162.8

44 7.3 5.0 7.6





#5

2-Fluorophenol

Concen: 122.442 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

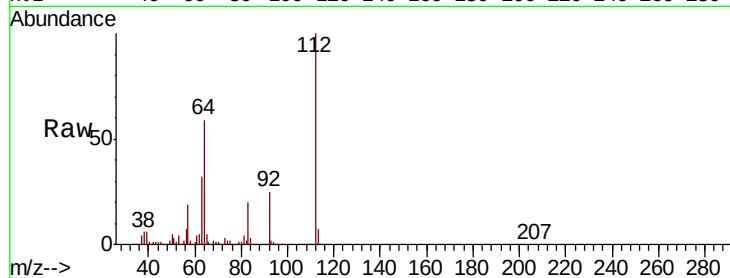
Tot Ion:112 Resp: 774938

Ion Ratio Lower Upper

112 100

64 58.8 47.8 71.6

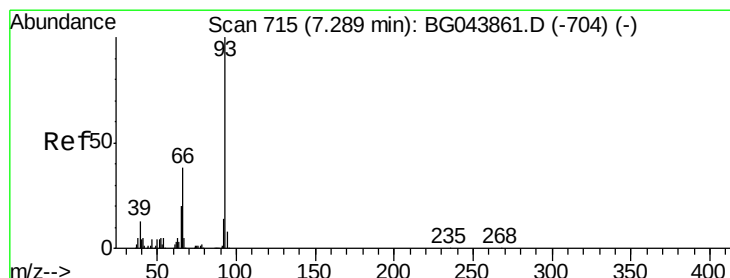
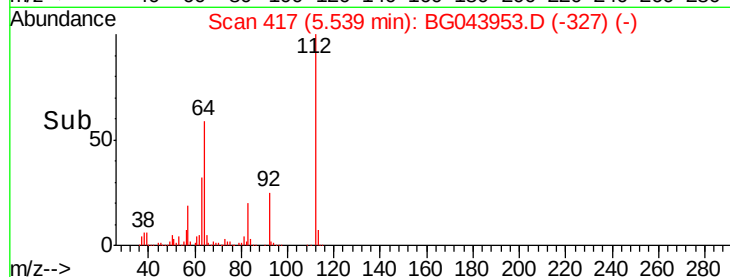
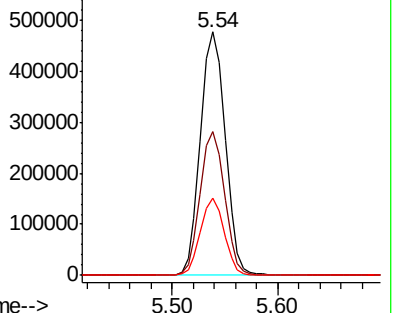
63 31.8 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.027 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

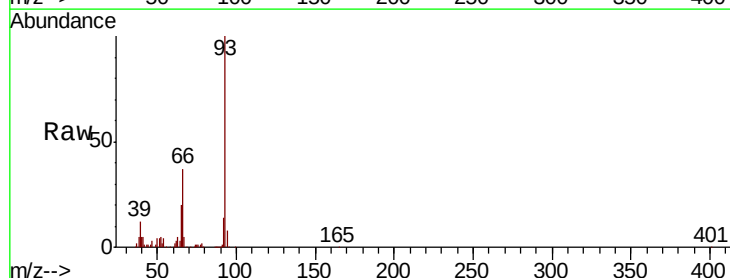
Tgt Ion: 93 Resp: 348917

Ion Ratio Lower Upper

93 100

66 37.4 30.8 46.2

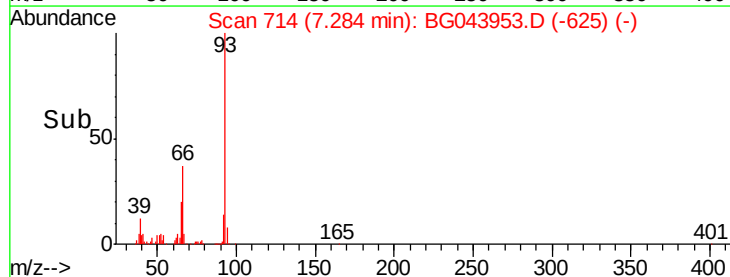
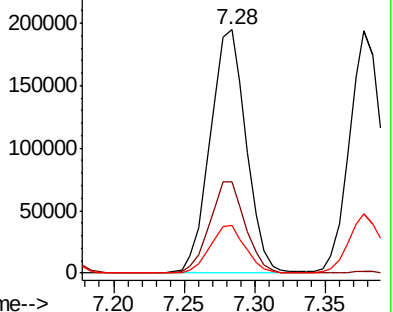
65 19.6 16.0 24.0

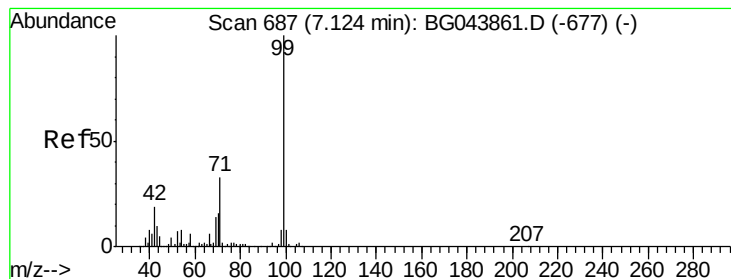


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.132 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

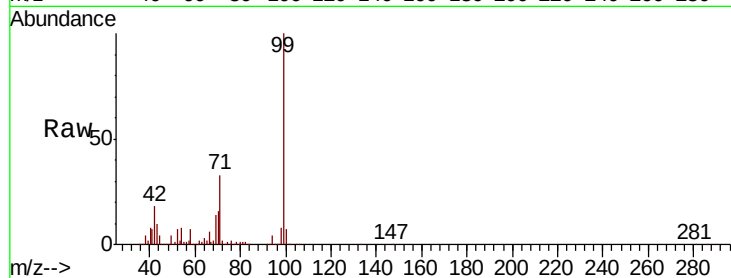
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1027398

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	32.5	26.4	39.6

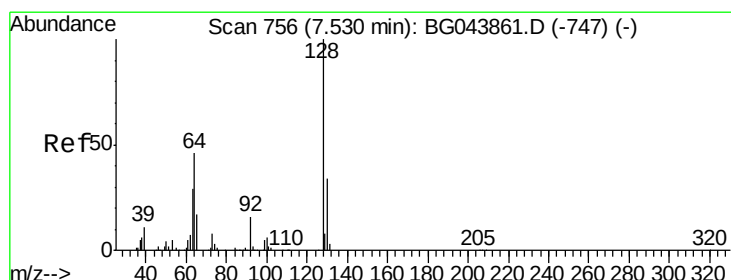
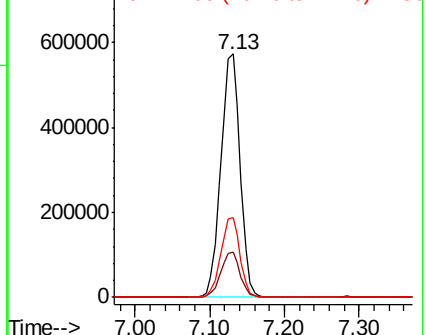
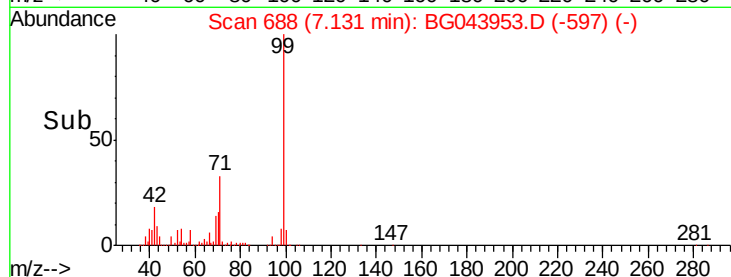


Abundance

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: 44.706 ng

RT: 7.52 min Scan# 755

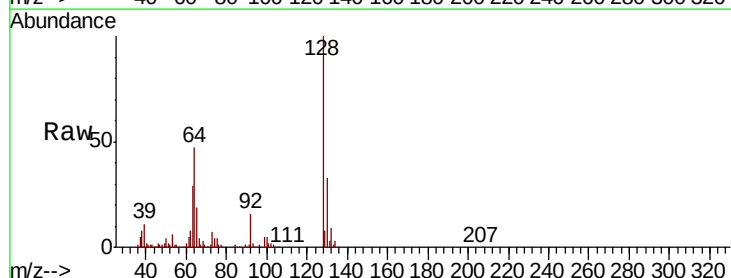
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion: 128 Resp: 332169

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.8	53.8
64	47.0	27.6	67.6

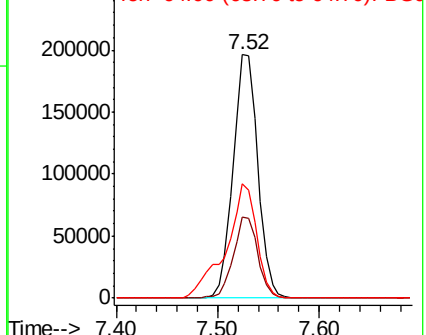
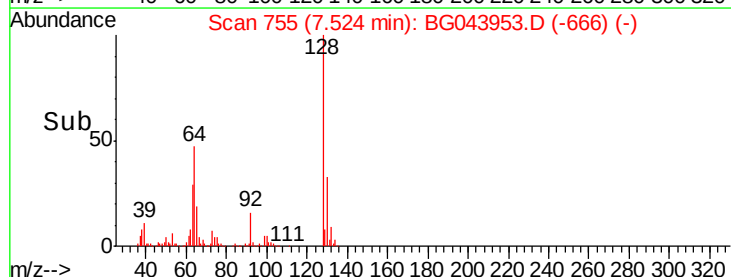


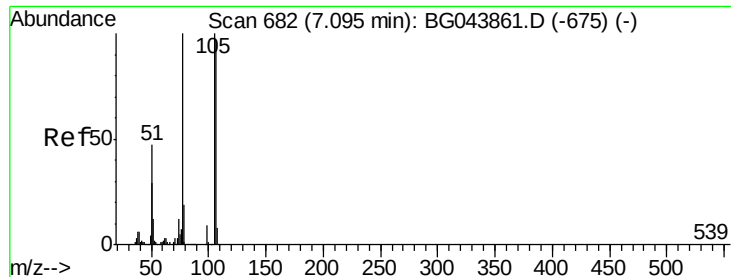
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.774 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

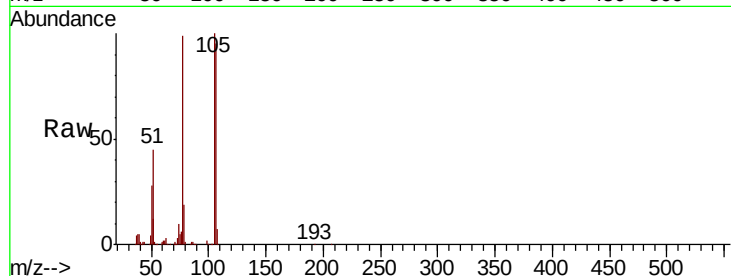
Tot Ion: 77 Resp: 196896

Ion Ratio Lower Upper

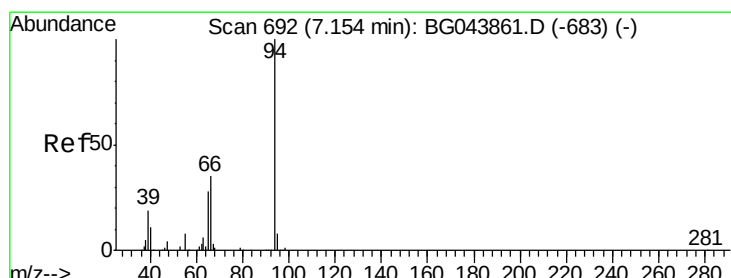
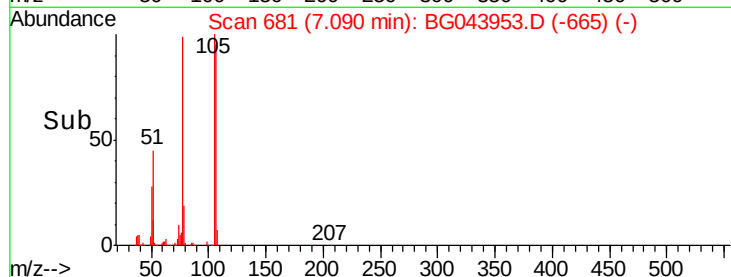
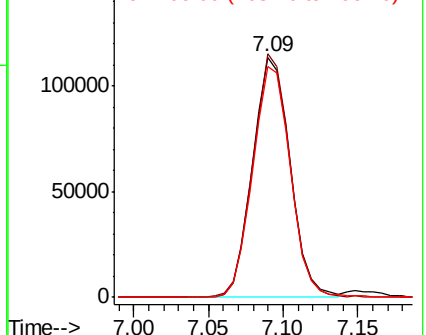
77 100

105 101.5 80.2 120.2

106 96.0 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: 45.485 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

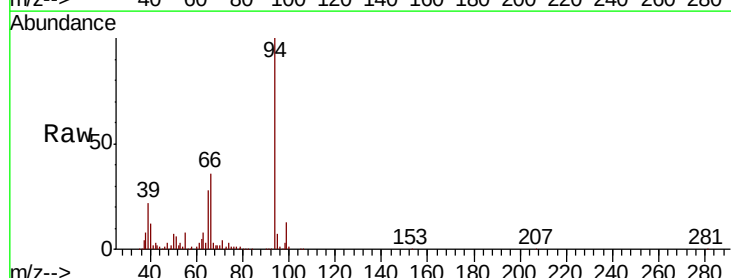
Tgt Ion: 94 Resp: 414592

Ion Ratio Lower Upper

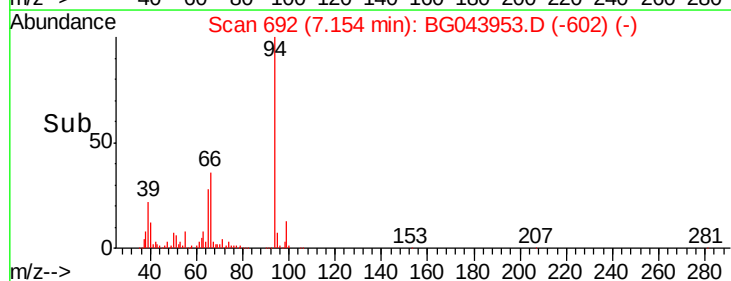
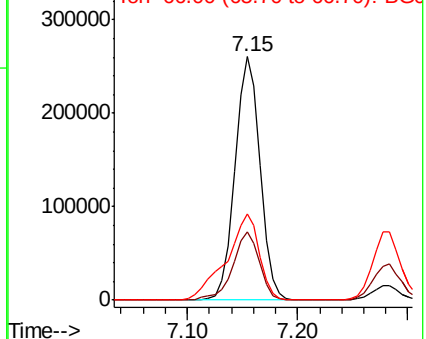
94 100

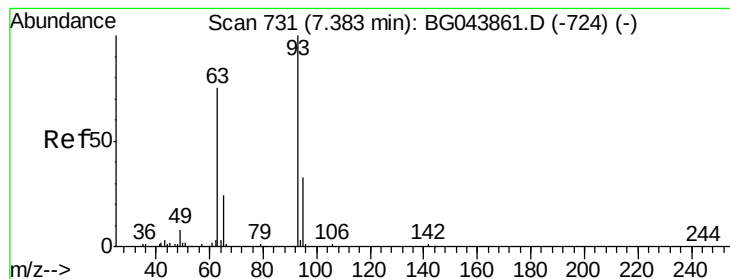
65 28.0 8.1 48.1

66 35.6 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: 39.031 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

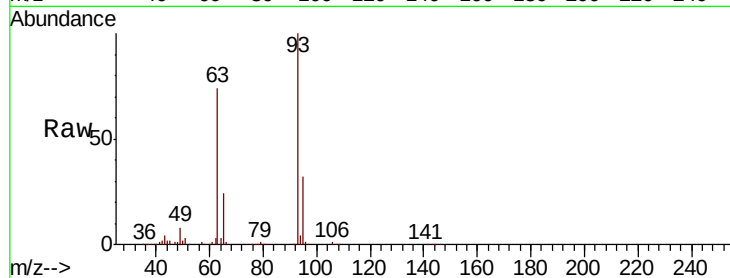
Tot Ion: 93 Resp: 307097

Ion Ratio Lower Upper

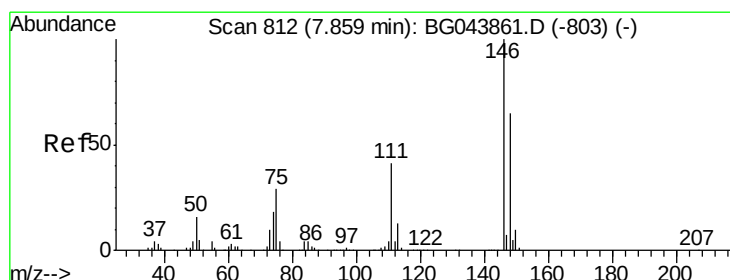
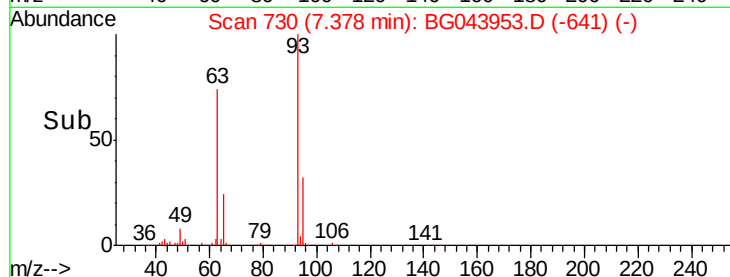
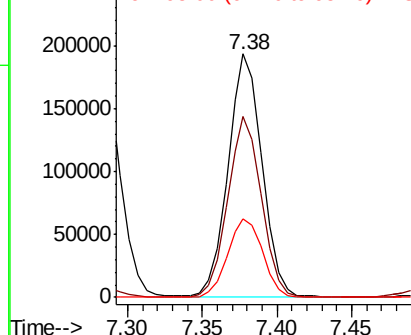
93 100

63 74.4 55.0 95.0

95 32.1 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: 39.113 ng

RT: 7.85 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

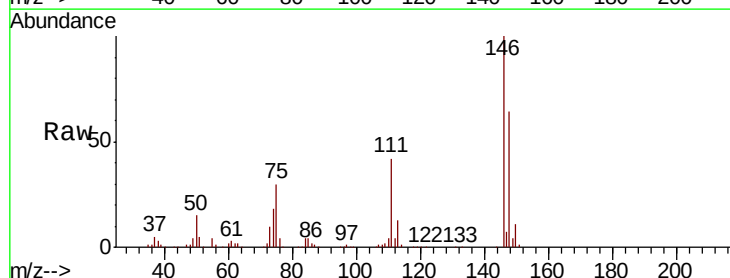
Tgt Ion: 146 Resp: 340082

Ion Ratio Lower Upper

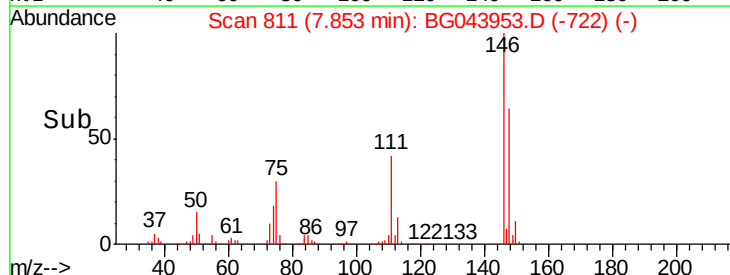
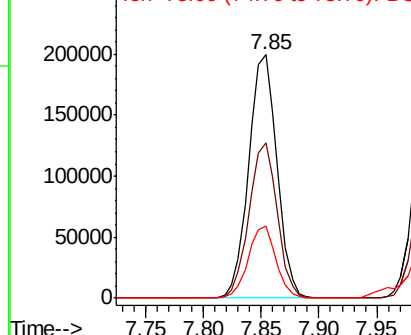
146 100

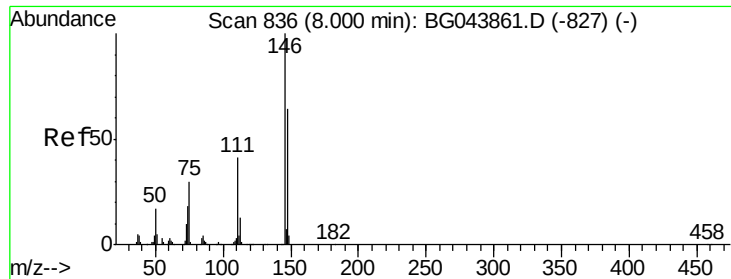
148 63.7 52.1 78.1

75 29.6 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

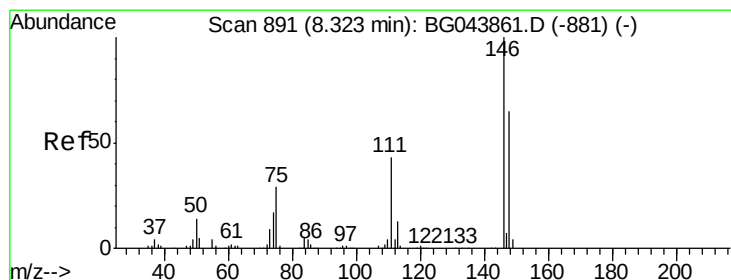
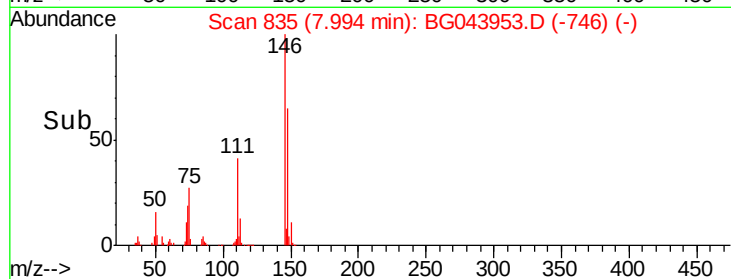
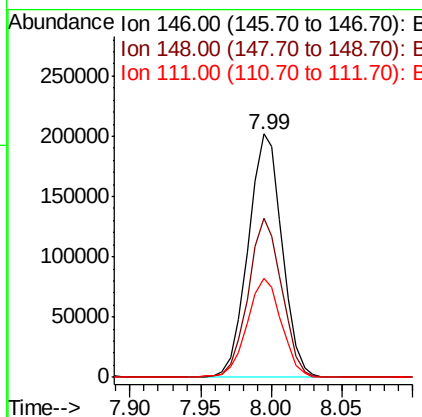
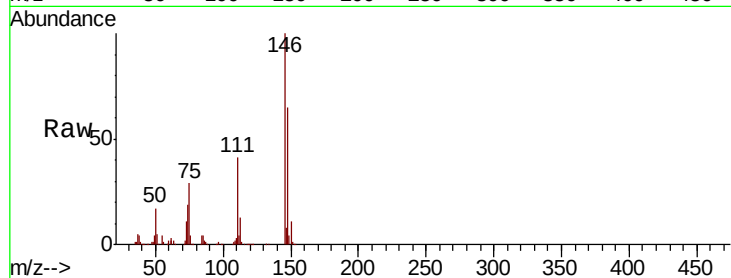




#13
 1,4-Dichlorobenzene
 Concen: 39.626 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

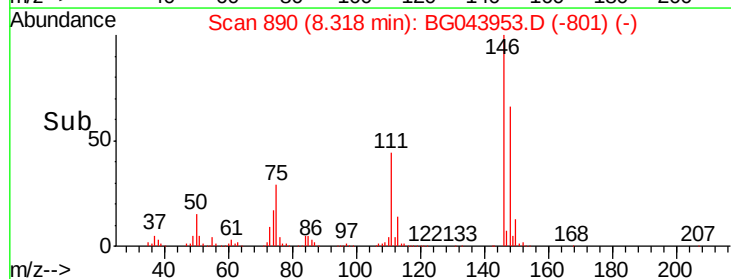
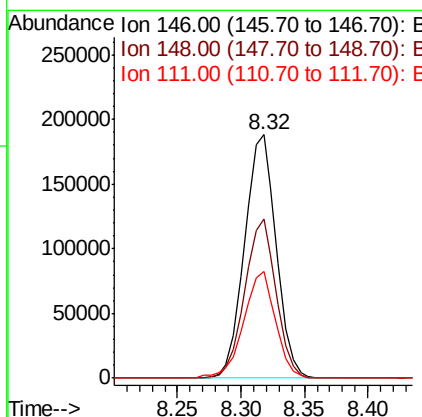
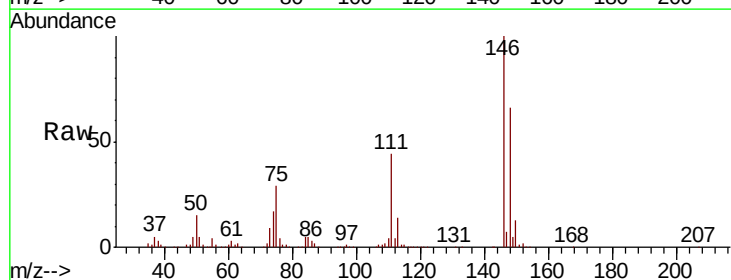
Instrument :
 BNA_G
 ClientSampleId :

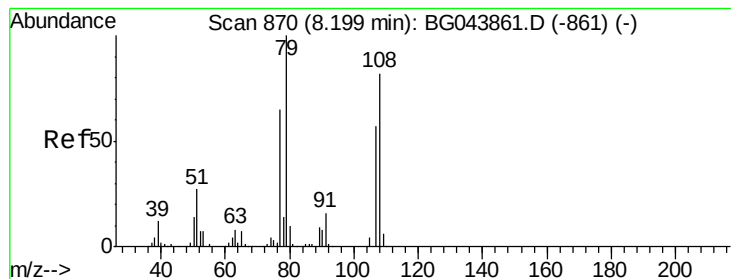
Tot Ion:146 Resp: 339945
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.2 76.8
 111 40.9 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 39.420 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion:146 Resp: 324604
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.7 77.5
 111 43.6 34.4 51.6





#15

Benzyl Alcohol

Concen: 40.988 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

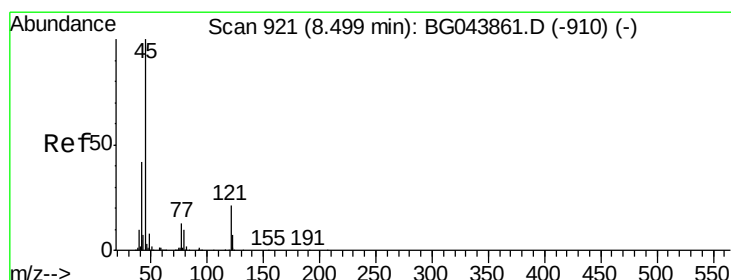
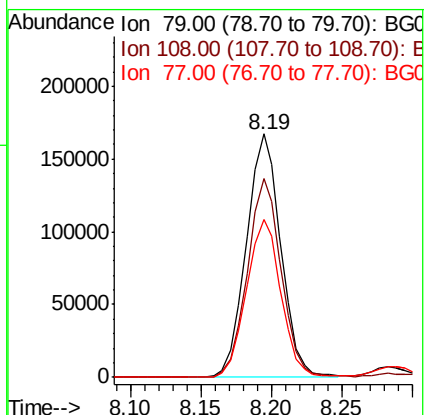
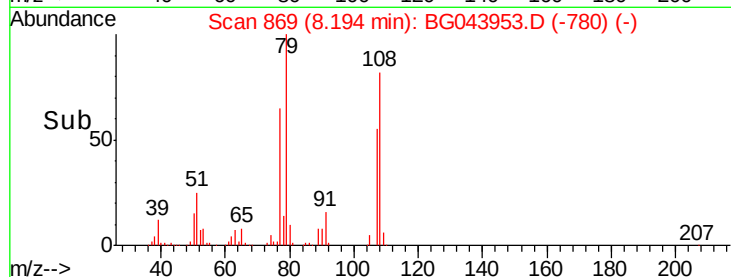
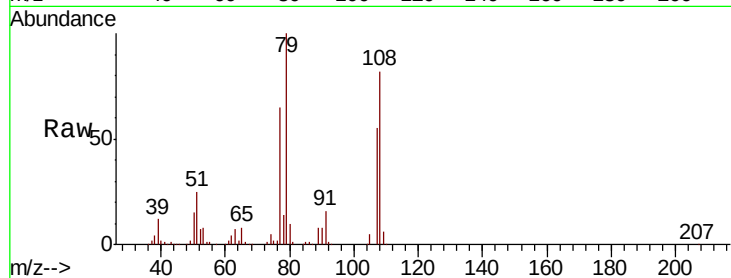
Tot Ion: 79 Resp: 286183

Ion Ratio Lower Upper

79 100

108 81.6 65.6 98.4

77 65.1 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.298 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

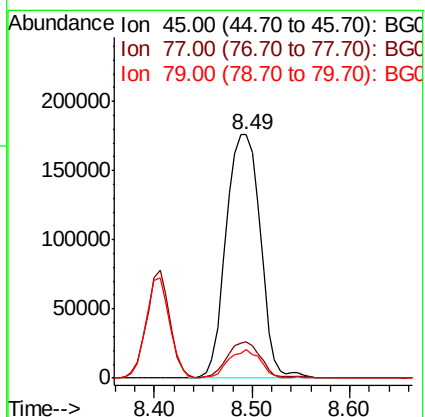
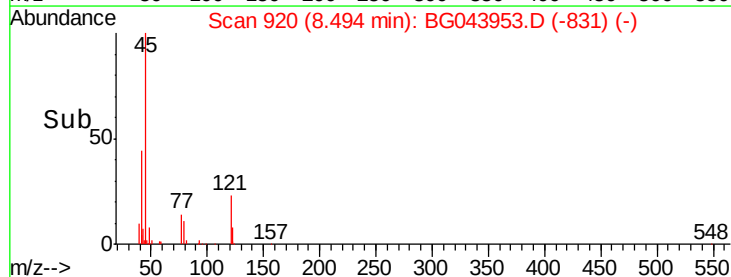
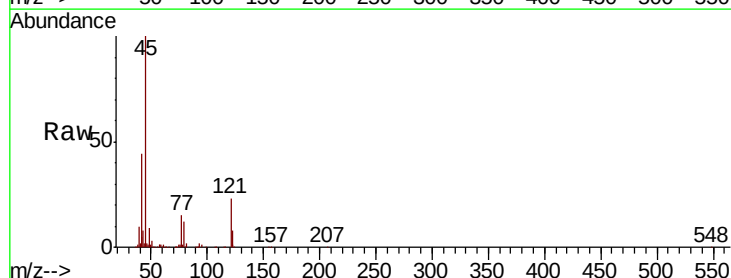
Tgt Ion: 45 Resp: 429672

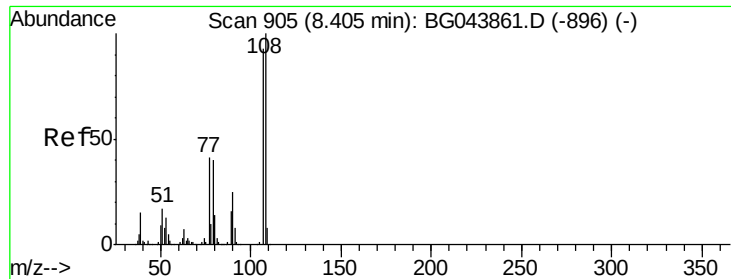
Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.8

79 11.6 0.0 31.0

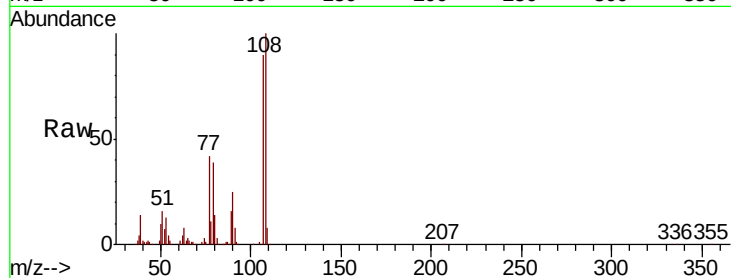




#17
2-Methylphenol
Concen: 43.609 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	86.1	129.1
77	46.5	35.4	53.0
79	43.4	34.8	52.2



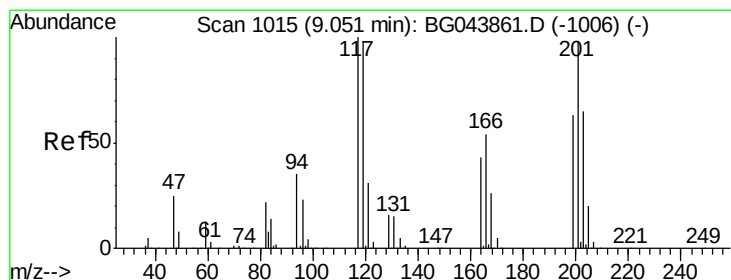
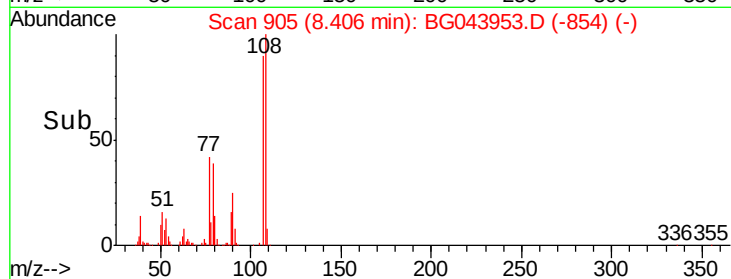
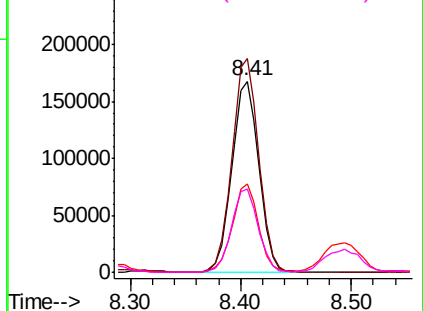
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

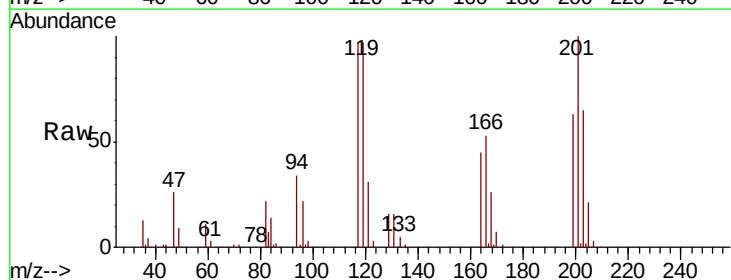
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.077 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	78.1	117.1
201	102.9	78.6	117.8

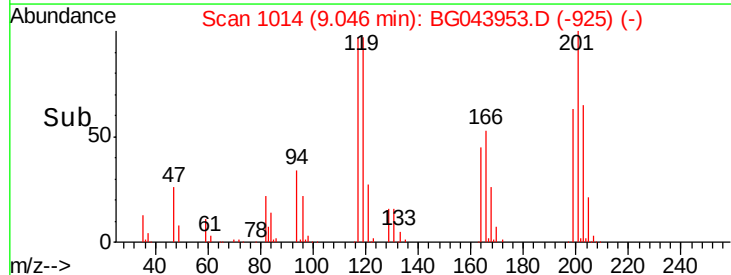
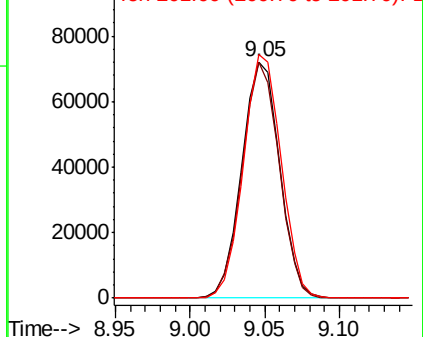


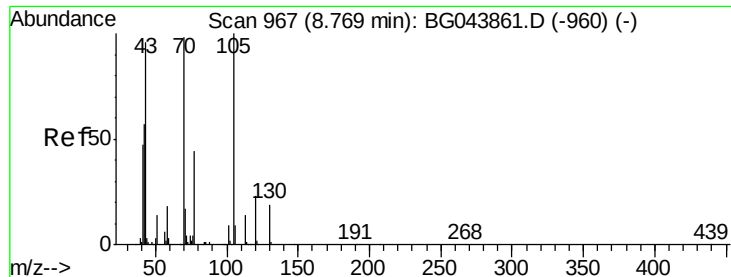
Abundance

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: 37.724 ng

RT: 8.76 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 248538

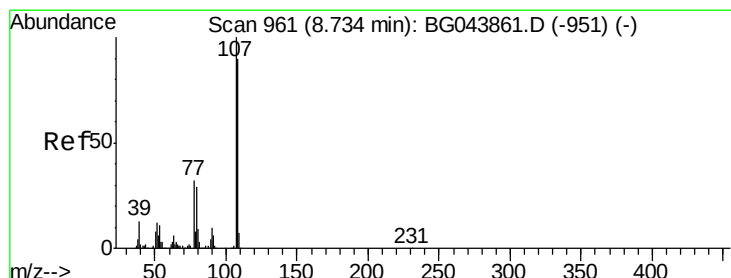
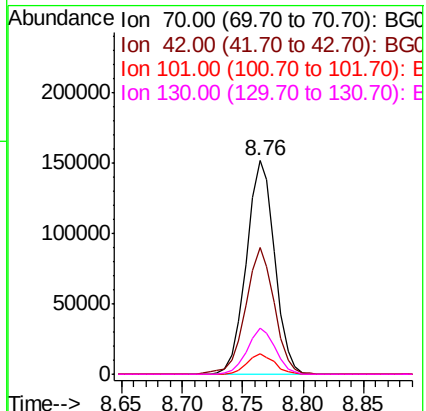
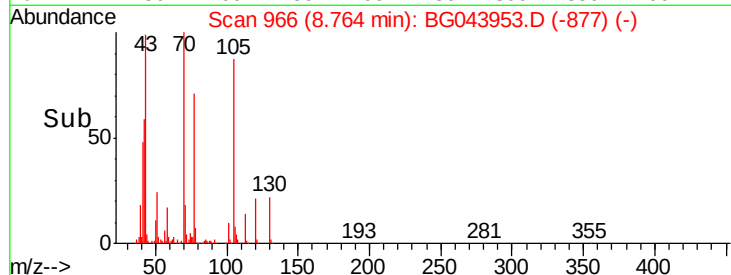
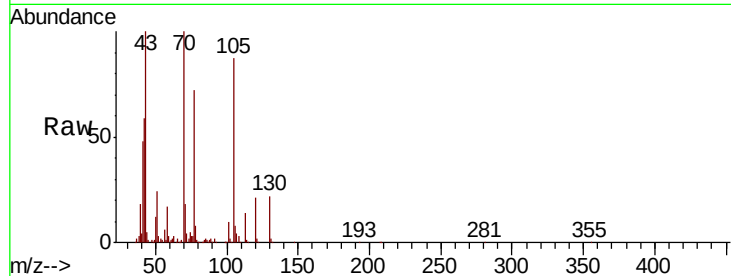
Ion Ratio Lower Upper

70 100

42 59.1 47.0 70.4

101 9.8 7.2 10.8

130 21.7 15.6 23.4



#20

3+4-Methylphenols

Concen: 43.196 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion: 107 Resp: 397482

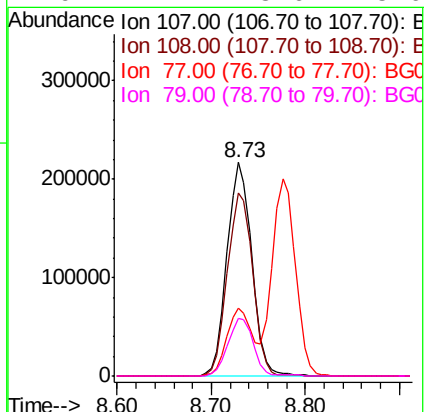
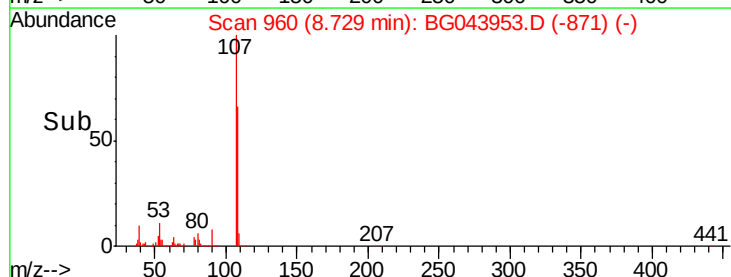
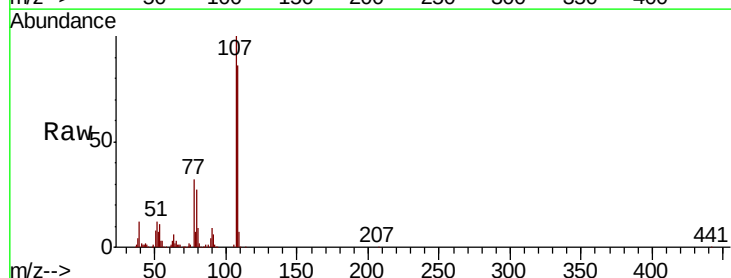
Ion Ratio Lower Upper

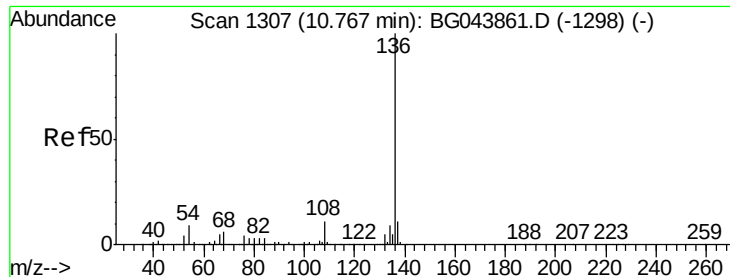
107 100

108 85.8 70.3 110.3

77 31.7 12.4 52.4

79 27.1 8.6 48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 513816

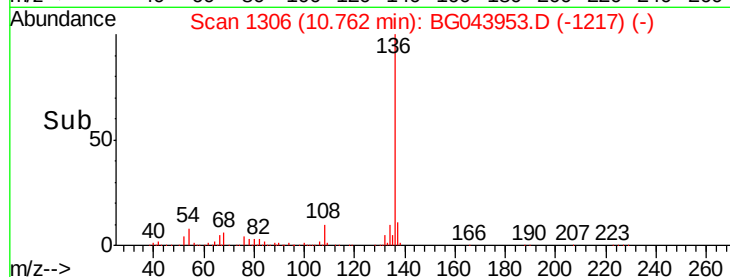
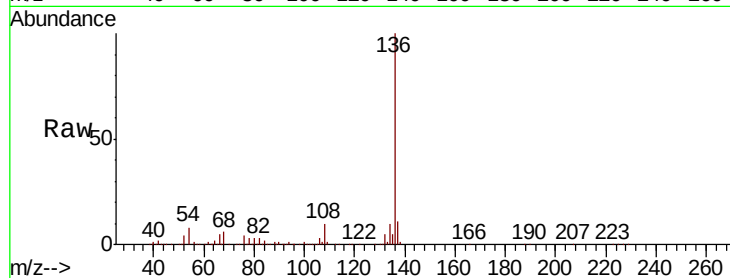
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 7.0 10.4

68 6.0 4.9 7.3



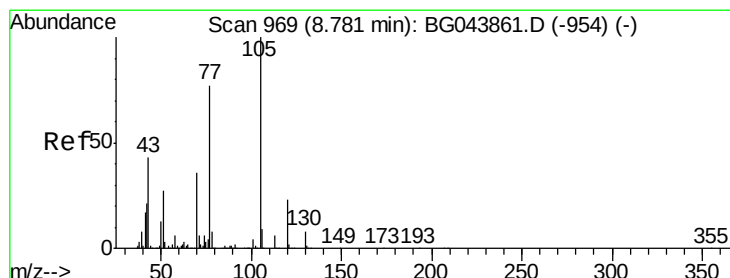
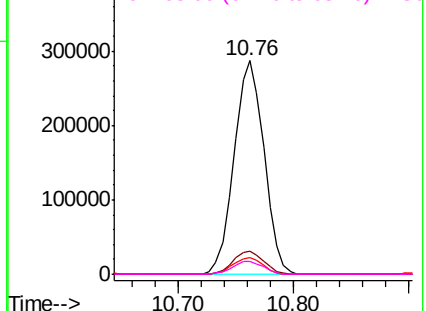
Abundance

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: 35.872 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:105 Resp: 458224

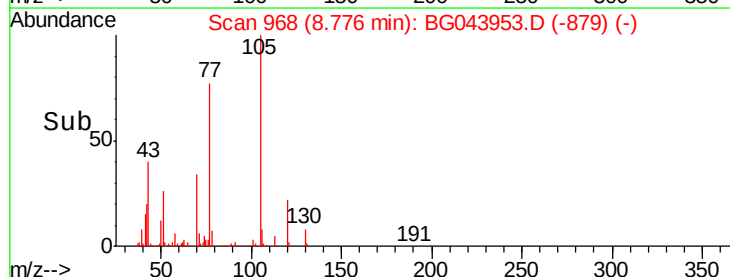
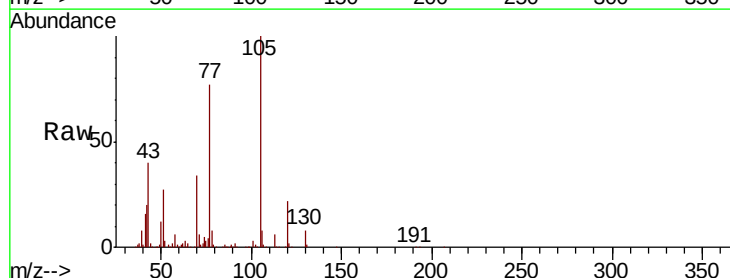
Ion Ratio Lower Upper

105 100

71 5.9 4.8 7.2

51 26.6 21.4 32.0

120 22.4 18.6 28.0



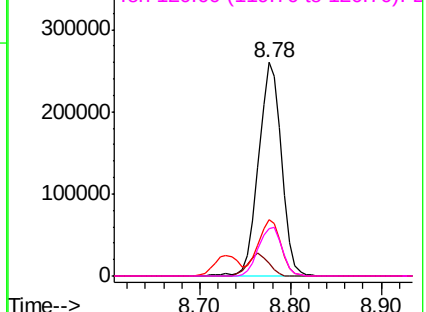
Abundance

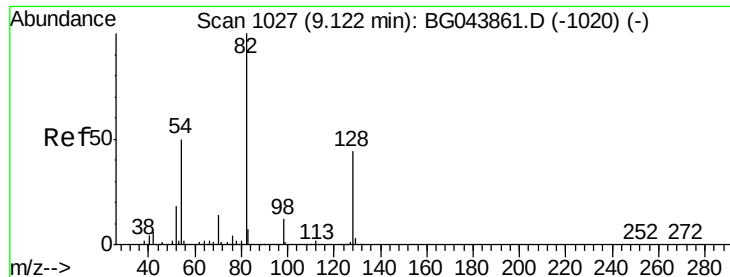
Ion 105.00 (104.70 to 105.70): E

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: 68.107 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

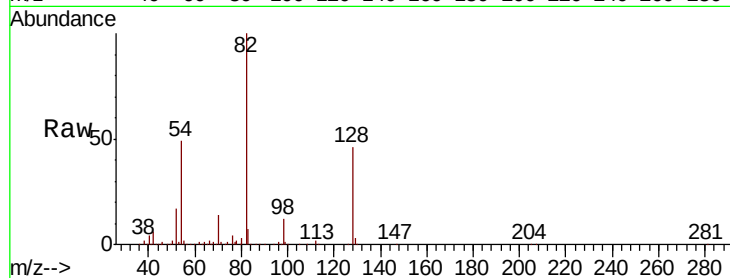
Tot Ion: 82 Resp: 654151

Ion Ratio Lower Upper

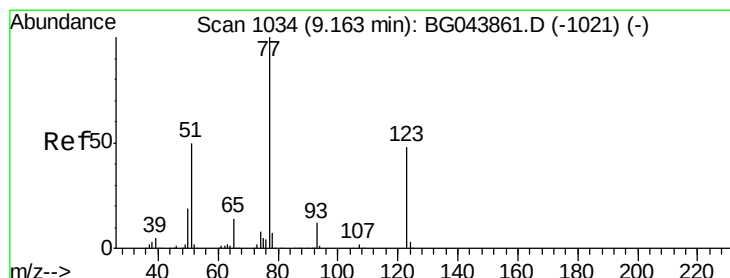
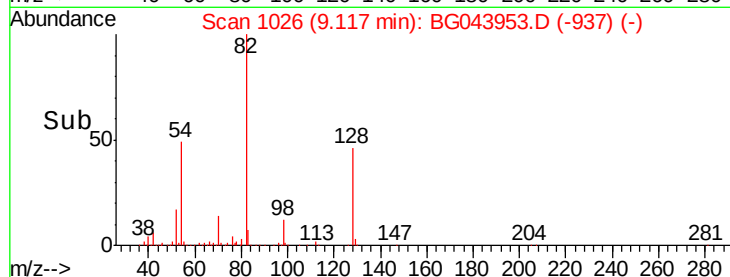
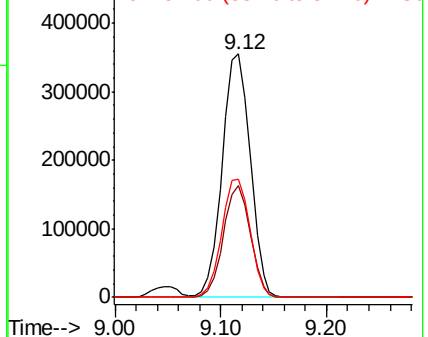
82 100

128 46.0 35.1 52.7

54 48.5 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 37.166 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

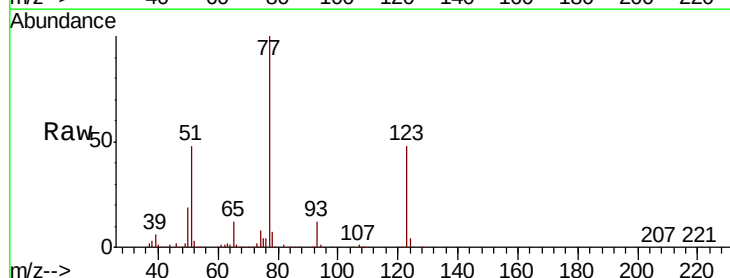
Tgt Ion: 77 Resp: 353555

Ion Ratio Lower Upper

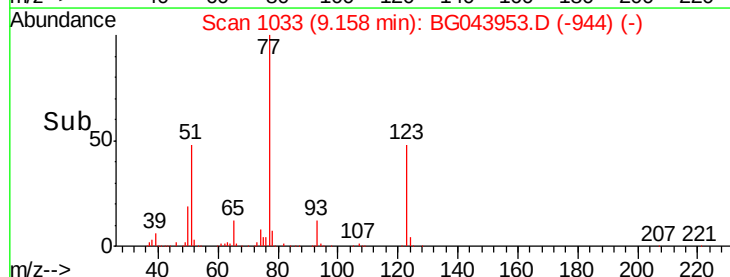
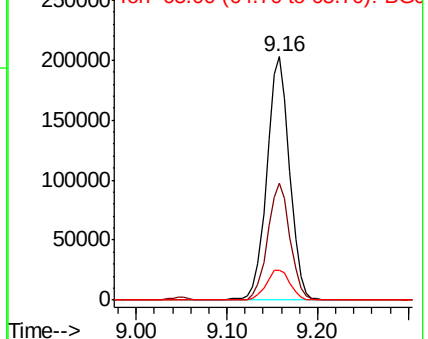
77 100

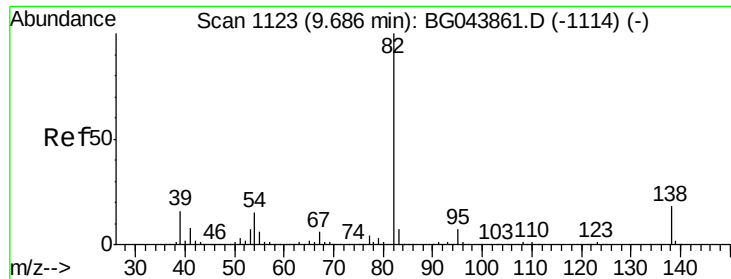
123 48.0 38.7 58.1

65 12.4 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 36.994 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

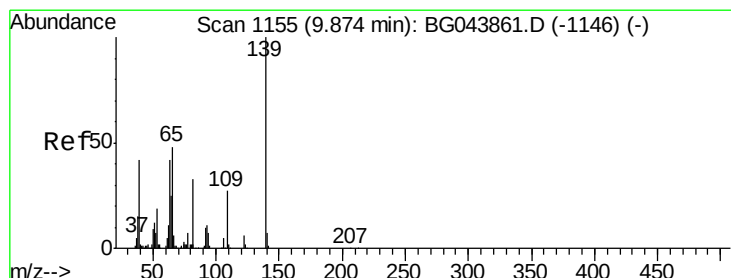
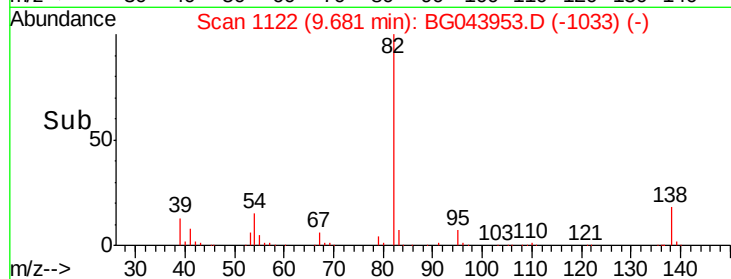
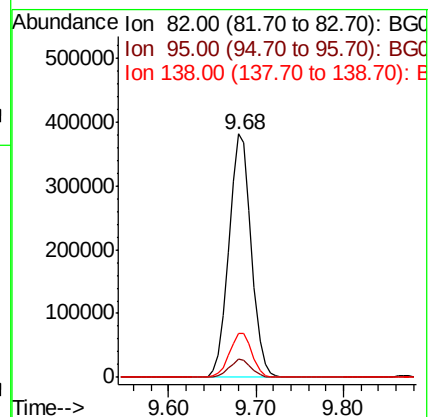
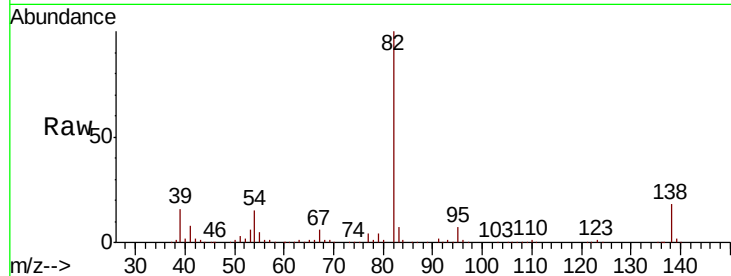
Tot Ion: 82 Resp: 666616

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 18.3 14.6 22.0



#26

2-Nitrophenol

Concen: 41.028 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

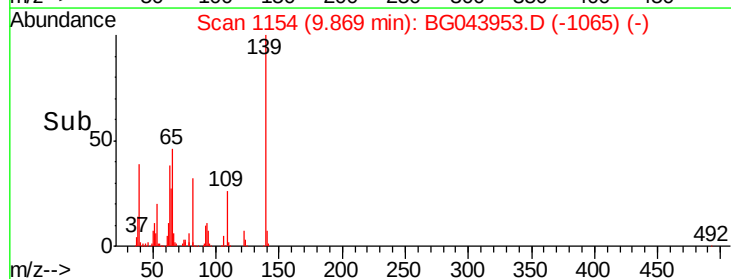
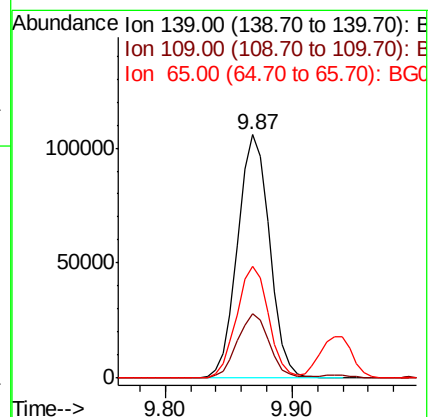
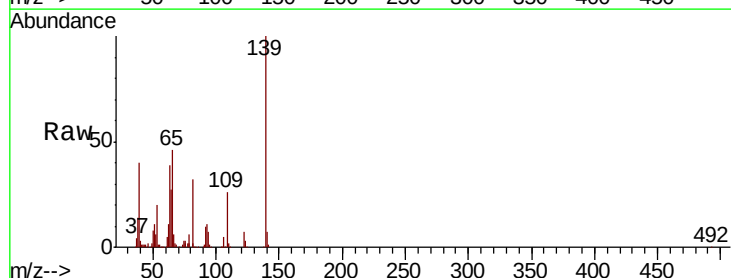
Tgt Ion: 139 Resp: 184653

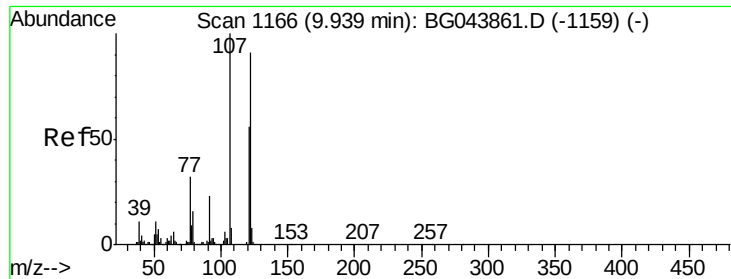
Ion Ratio Lower Upper

139 100

109 26.3 21.3 31.9

65 46.0 38.6 57.8

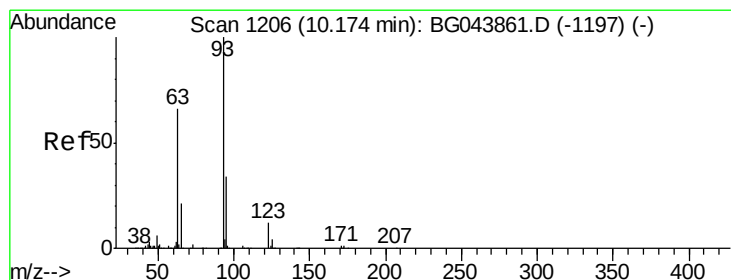
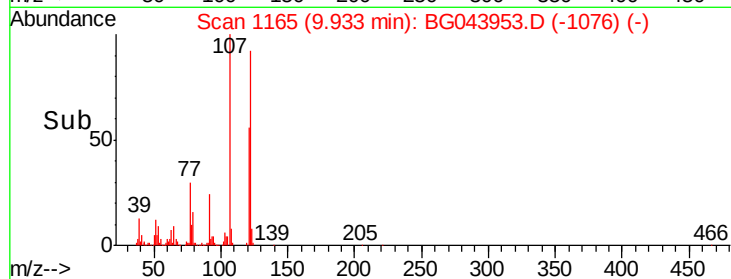
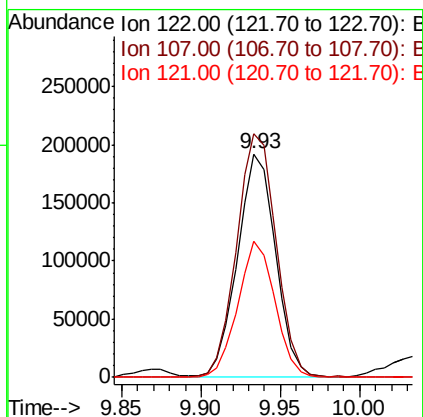
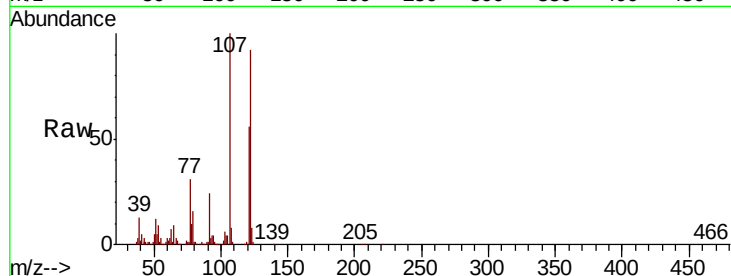




#27
2,4-Dimethylphenol
Concen: 47.085 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

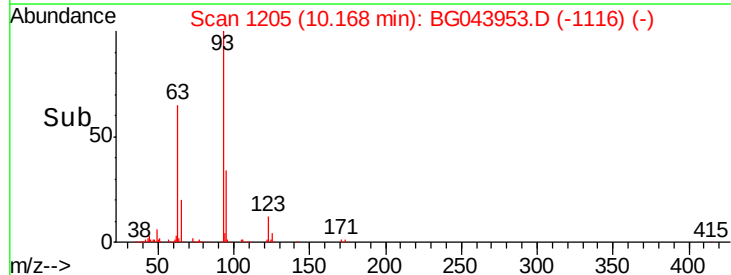
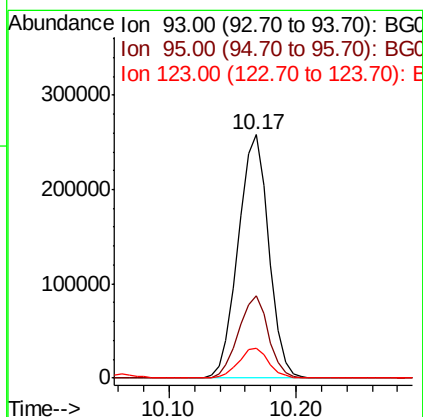
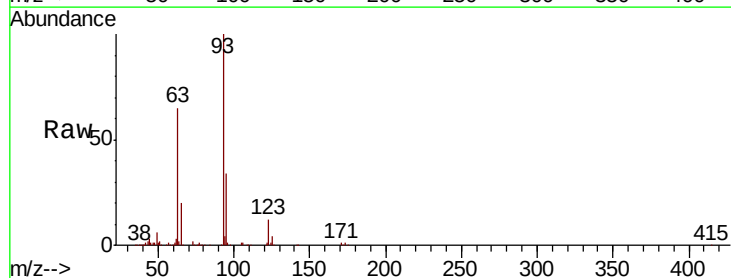
Instrument :
BNA_G
ClientSampled :

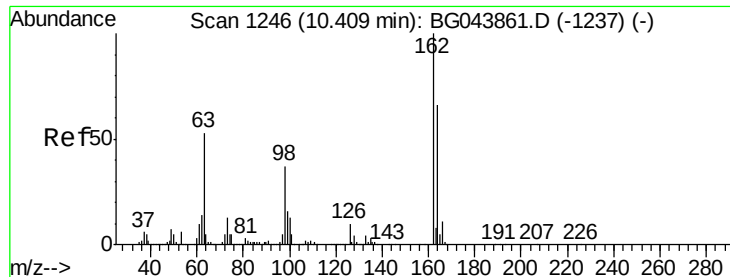
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	88.0	132.0
121	60.9	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 35.758 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	27.2	40.8
123	12.1	9.7	14.5

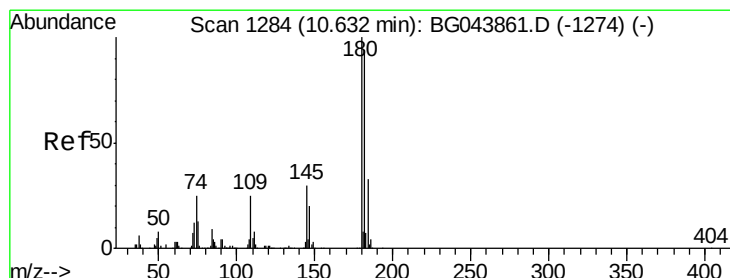
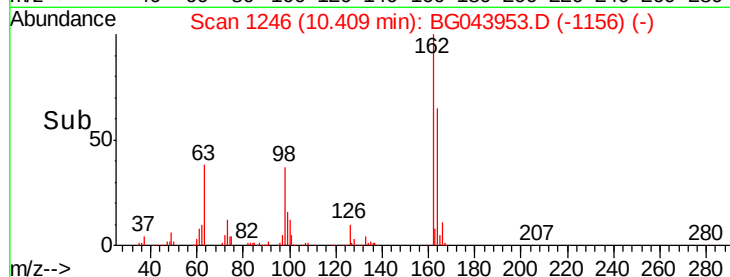
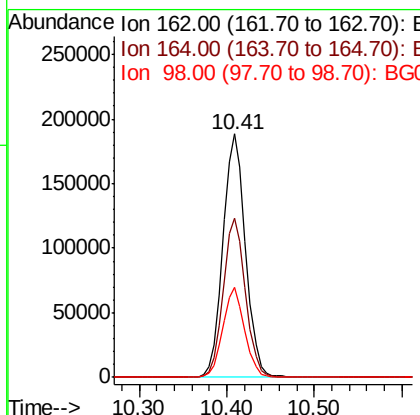
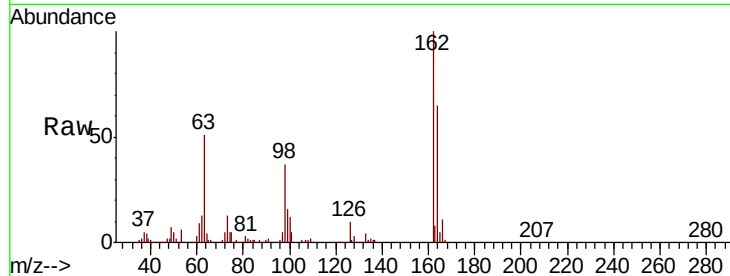




#29
 2,4-Dichlorophenol
 Concen: 41.304 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

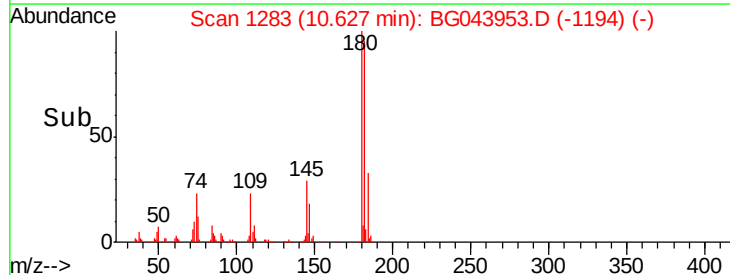
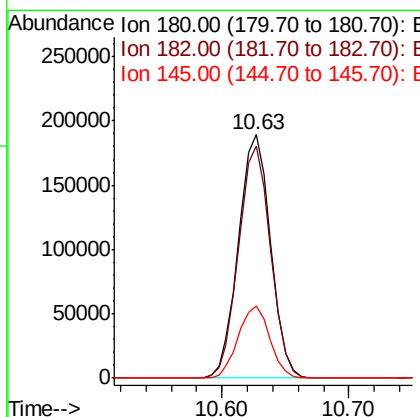
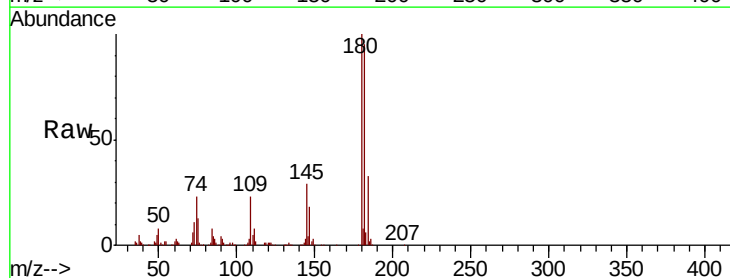
Instrument :
 BNA_G
 ClientSampleId :

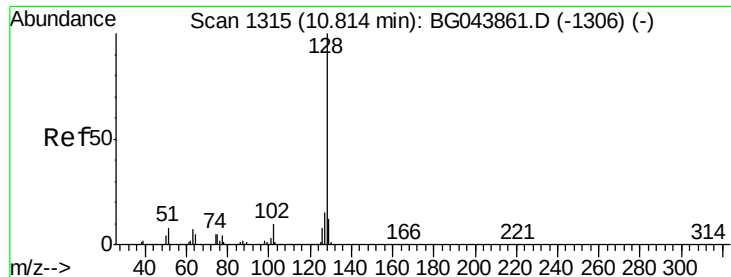
Tot Ion	162	Resp	333783
Ion	Ratio	Lower	Upper
162	100		
164	65.2	46.3	86.3
98	37.0	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 36.683 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion	180	Resp	332388
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.0	112.4
145	29.4	24.2	36.4

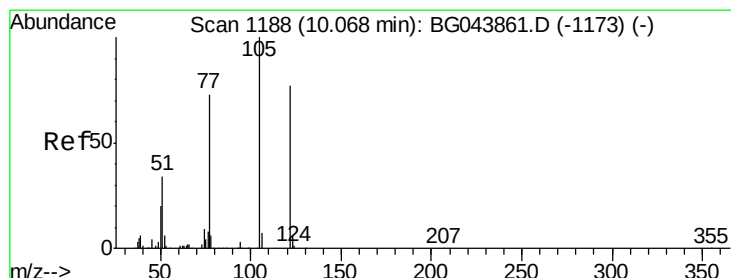
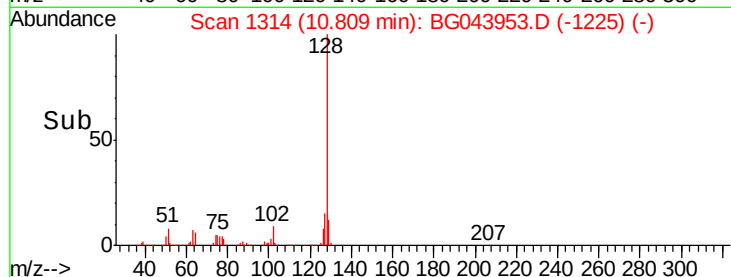
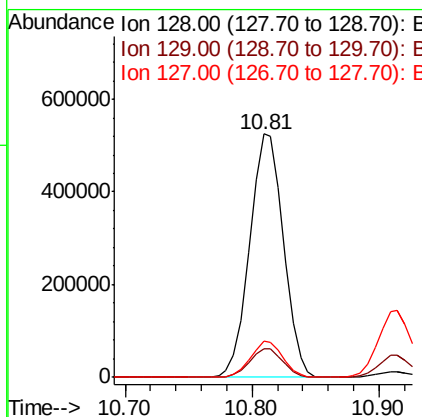
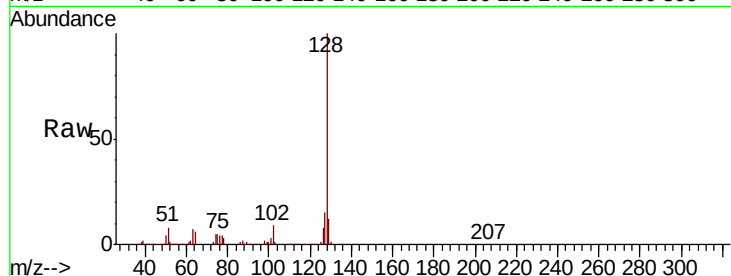




#31
Naphthalene
Concen: 39.139 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

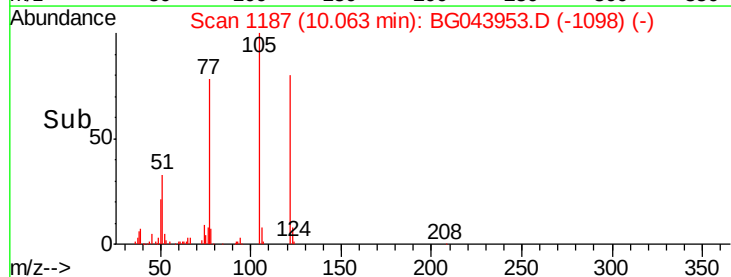
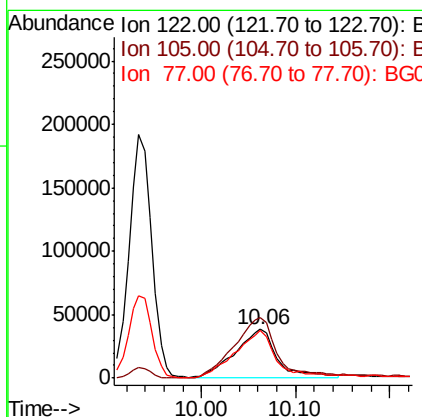
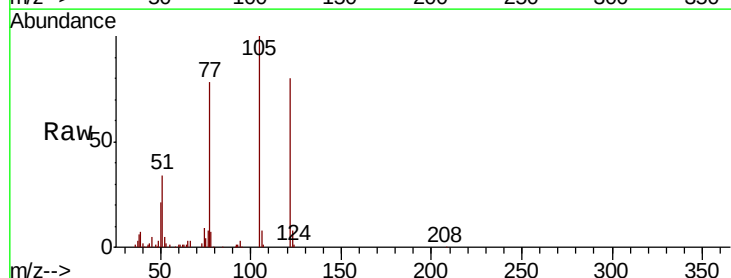
Instrument :
BNA_G
ClientSampleId :

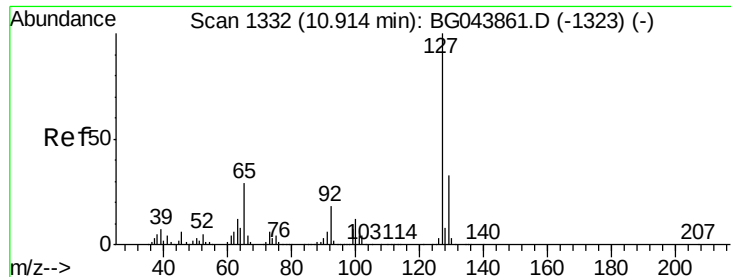
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.8	12.0	18.0



#32
Benzoic acid
Concen: 24.609 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	106.4	146.4
77	97.2	74.6	114.6

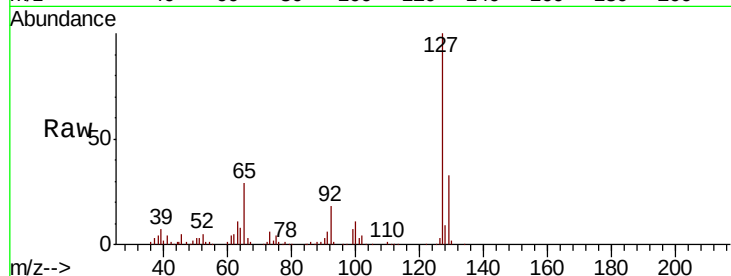




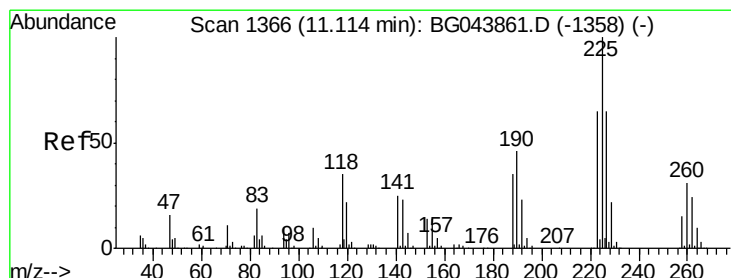
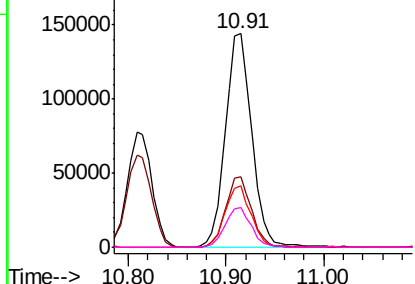
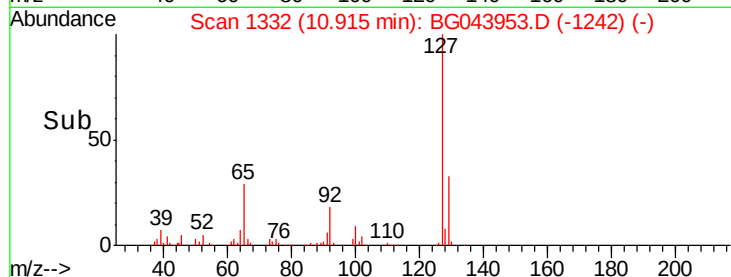
#33
4-Chloroaniline
Concen: 22.863 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	271137
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	28.9	23.3	34.9
92	18.4	14.7	22.1

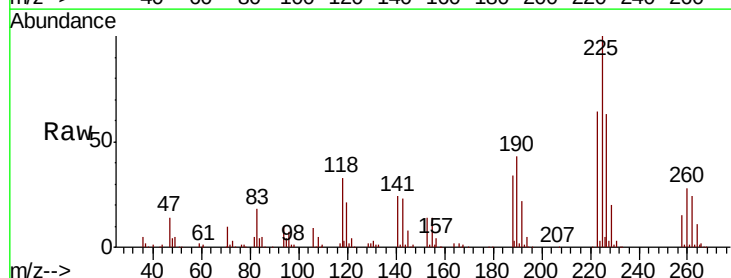


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

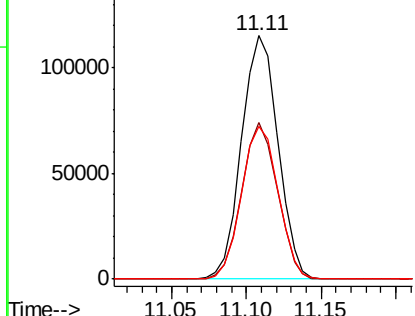
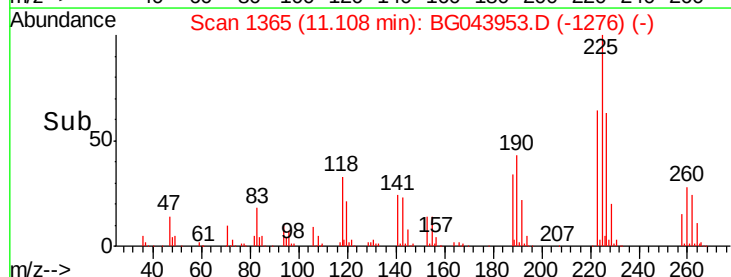


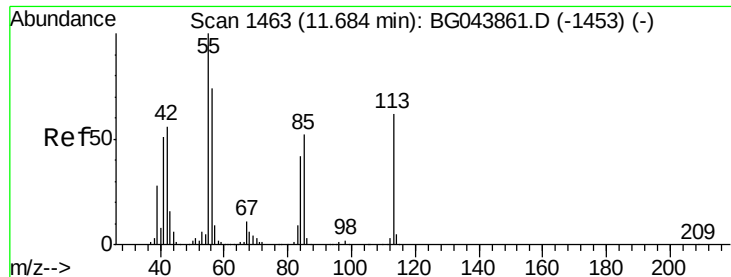
#34
Hexachlorobutadiene
Concen: 35.206 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:	225	Resp:	194769
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.2	78.4
227	62.7	52.1	78.1



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





#35

Caprolactam

Concen: 29.745 ng

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampled :

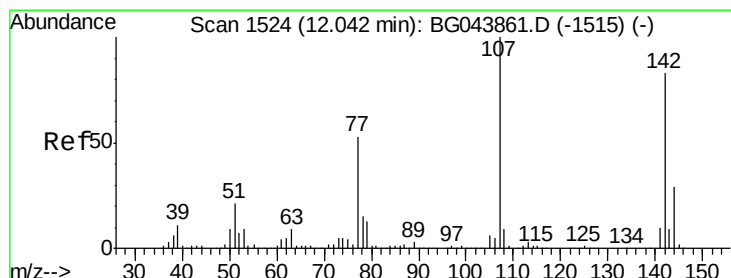
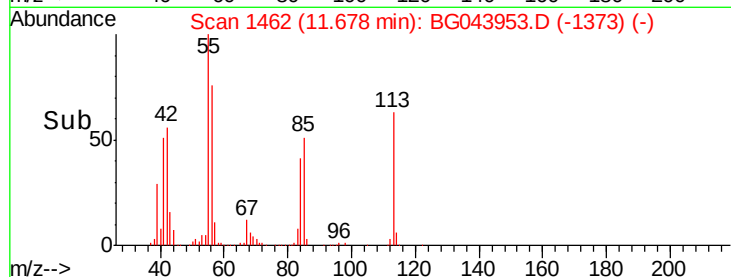
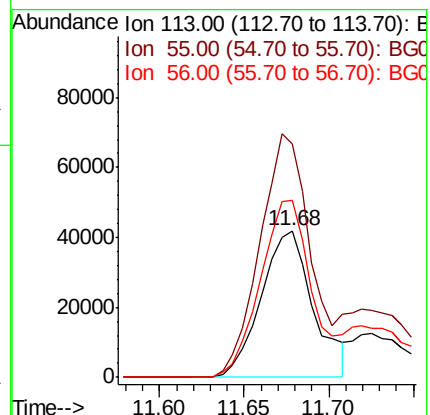
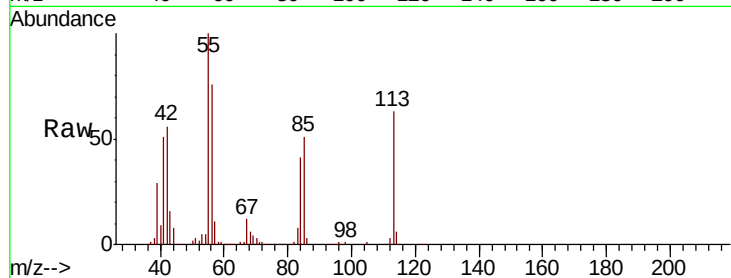
Tot Ion:113 Resp: 89485

Ion Ratio Lower Upper

113 100

55 159.3 142.5 182.5

56 120.9 101.4 141.4



#36

4-Chloro-3-methylphenol

Concen: 41.350 ng

RT: 12.04 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

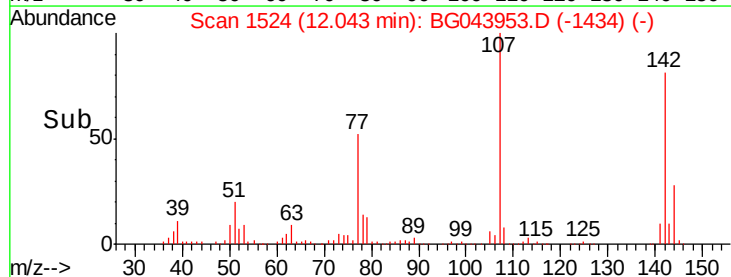
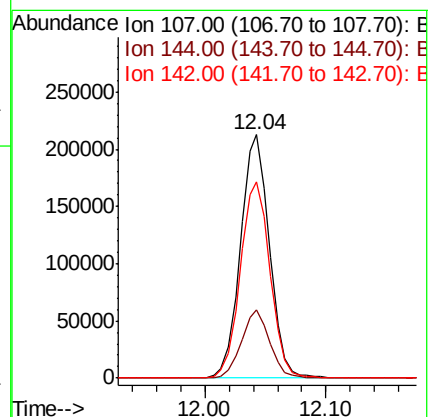
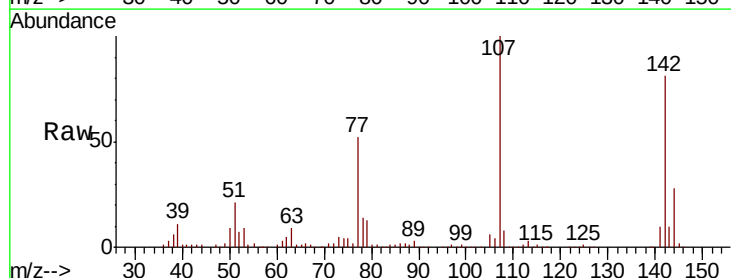
Tgt Ion:107 Resp: 355728

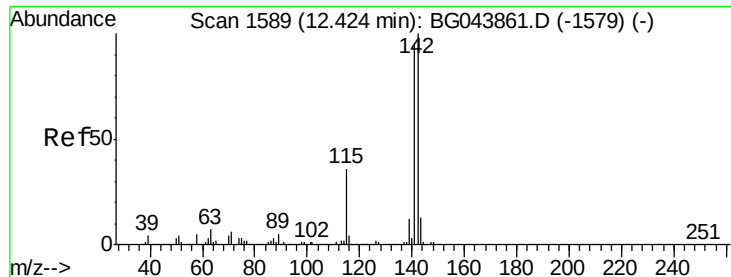
Ion Ratio Lower Upper

107 100

144 28.0 23.4 35.2

142 80.8 66.3 99.5

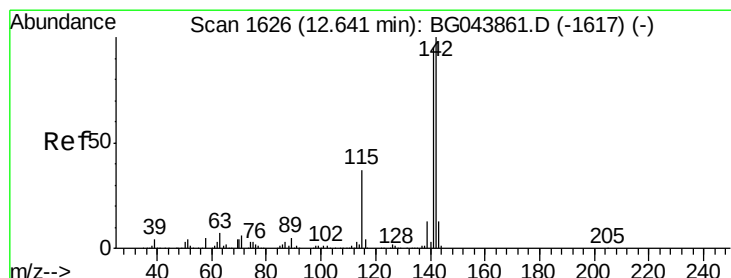
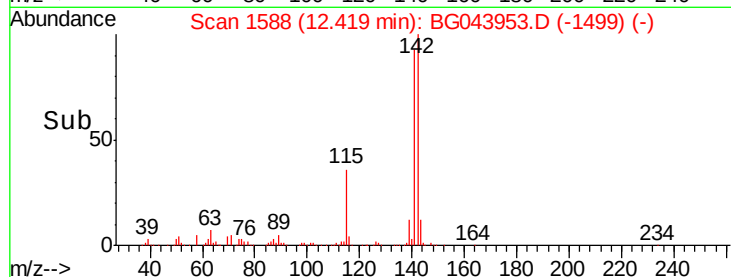
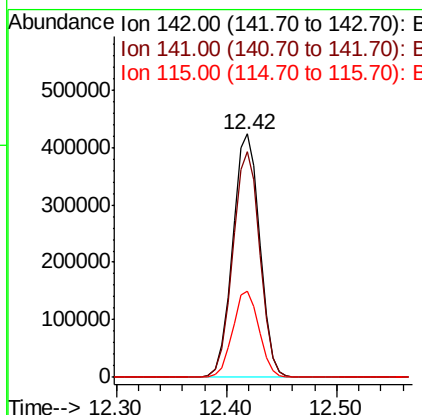
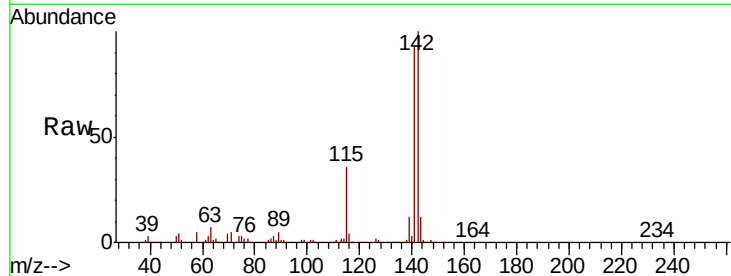




#37
2-Methylnaphthalene
Concen: 38.893 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

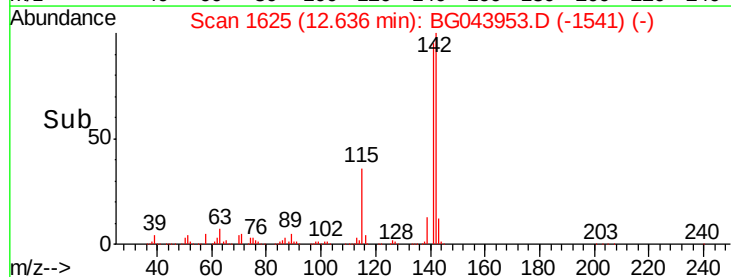
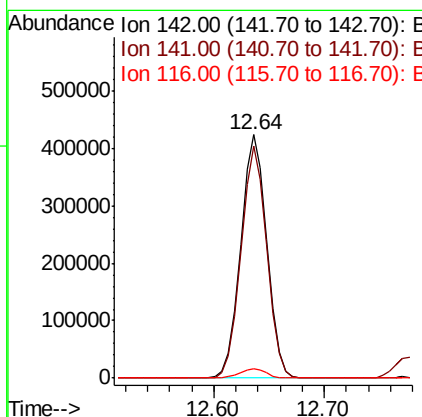
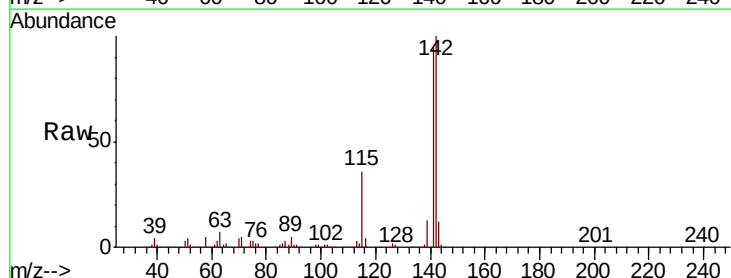
Instrument :
BNA_G
ClientSampleId :

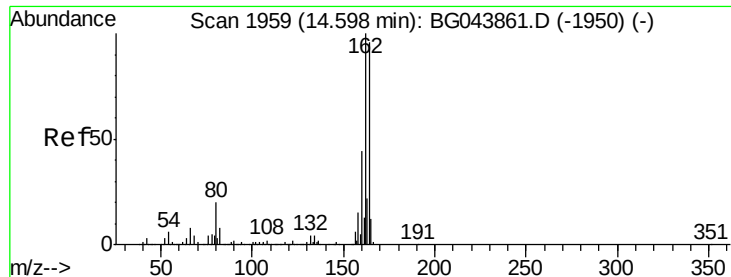
Tot Ion:142 Resp: 728051
Ion Ratio Lower Upper
142 100
141 92.9 75.8 113.8
115 35.6 28.6 42.8



#38
1-Methylnaphthalene
Concen: 39.460 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:142 Resp: 700077
Ion Ratio Lower Upper
142 100
141 95.2 76.0 114.0
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

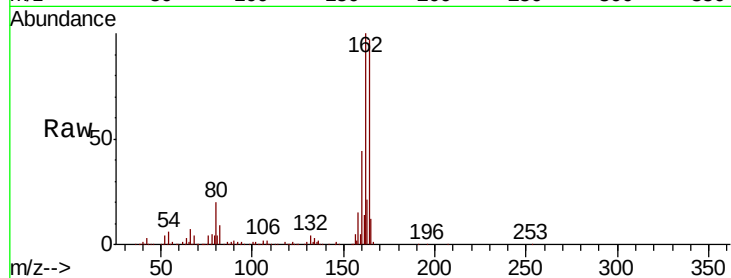
Tot Ion:164 Resp: 345556

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.4

160 45.5 36.1 54.1

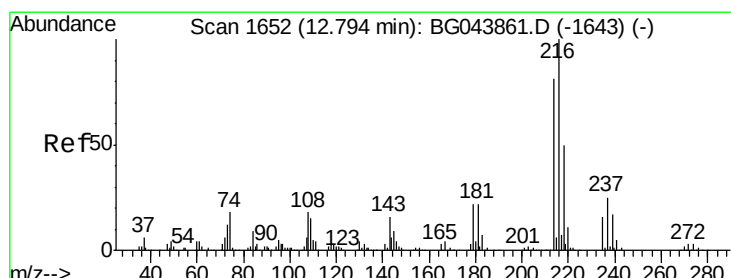
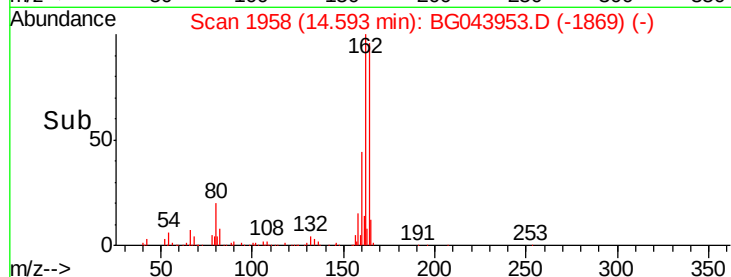
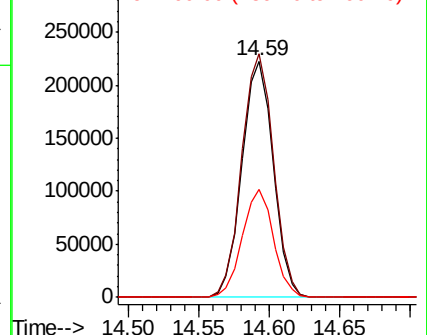


Abundance

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: 34.590 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:216 Resp: 350336

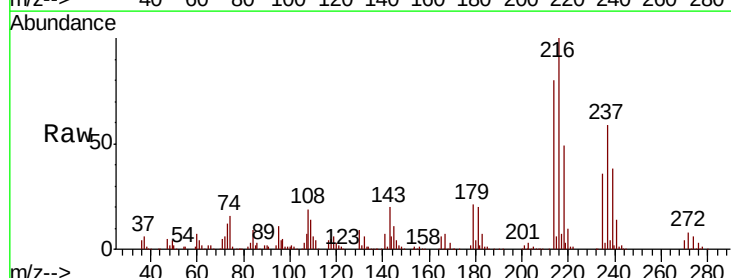
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 21.1 17.3 25.9

108 21.1 15.3 22.9



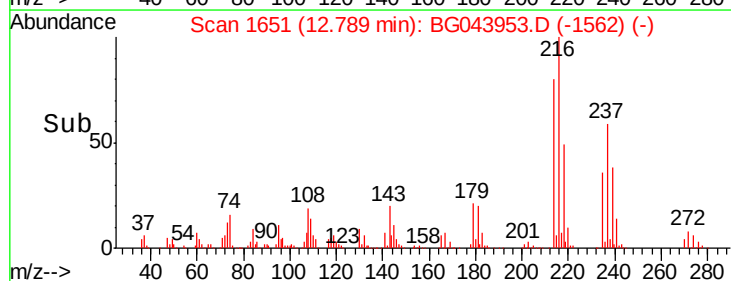
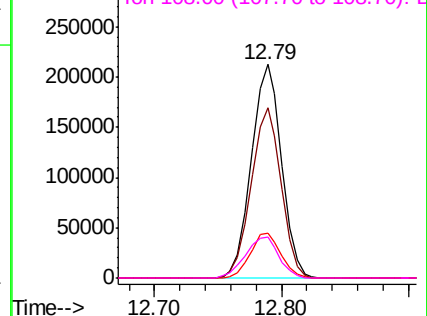
Abundance

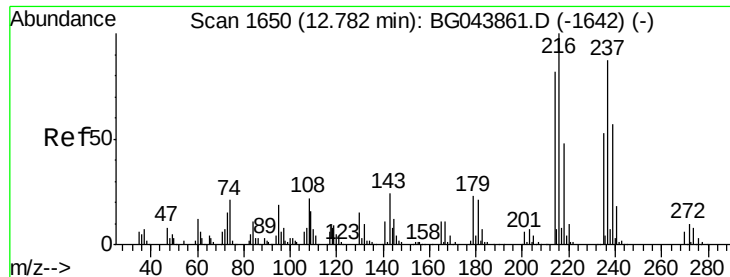
Ion 216.00 (215.70 to 216.70): E

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: 84.966 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

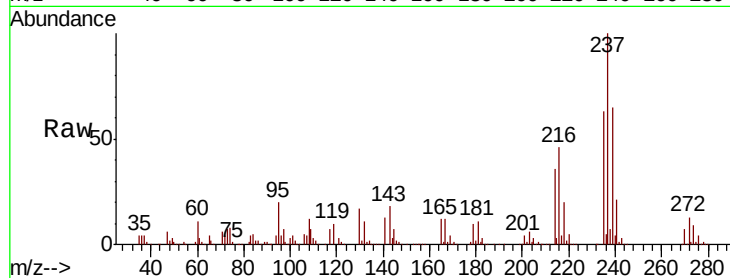
Tot Ion:237 Resp: 446146

Ion Ratio Lower Upper

237 100

235 62.8 41.1 81.1

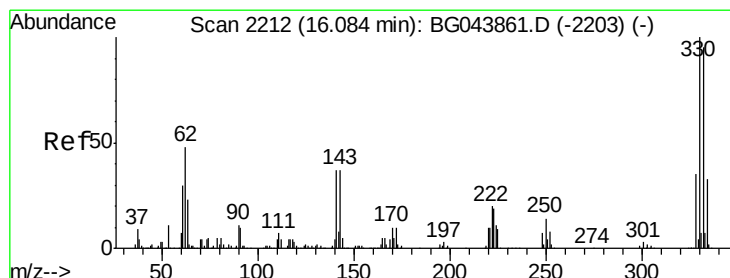
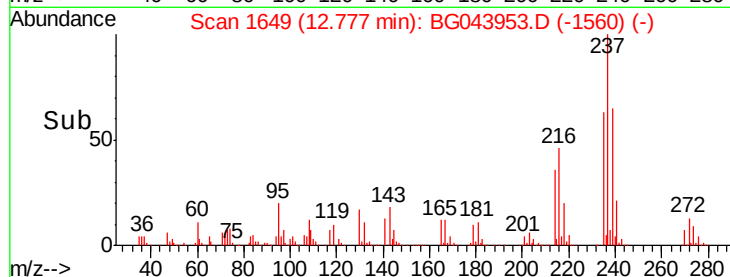
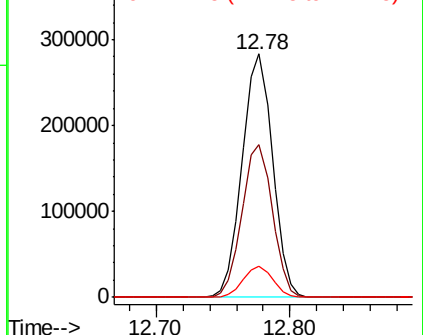
272 12.8 0.0 31.7



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: 108.780 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

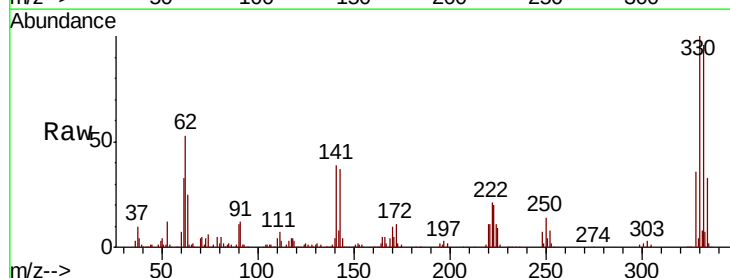
Tgt Ion:330 Resp: 393369

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

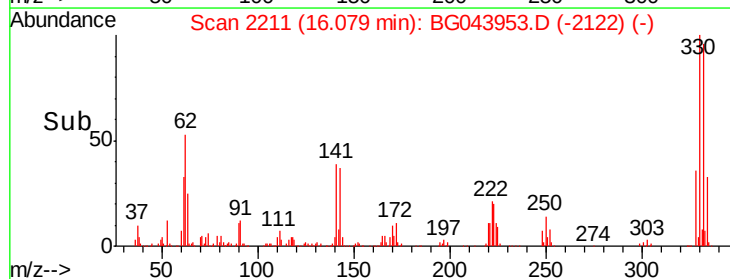
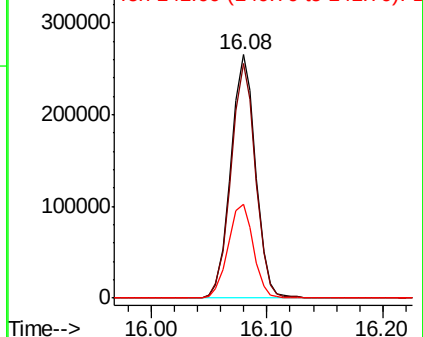
141 39.5 33.1 49.7

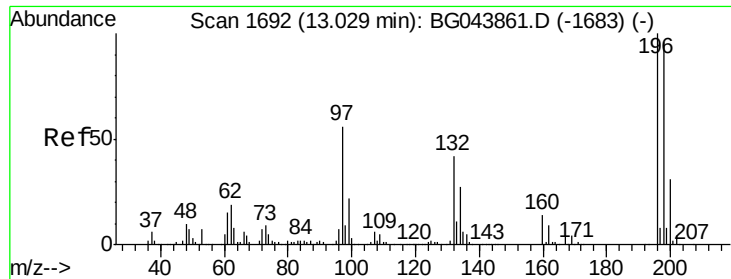


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

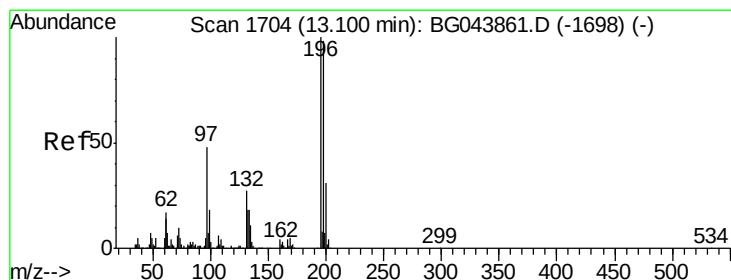
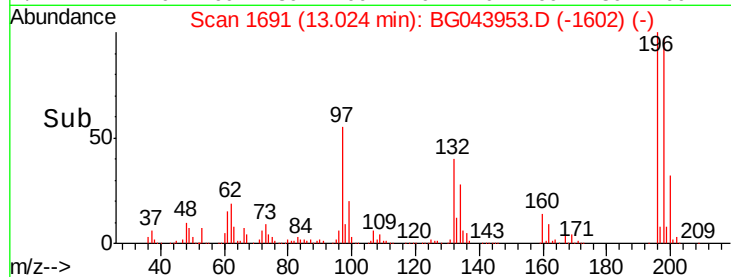
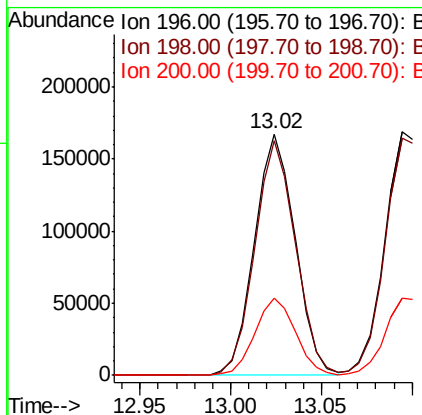
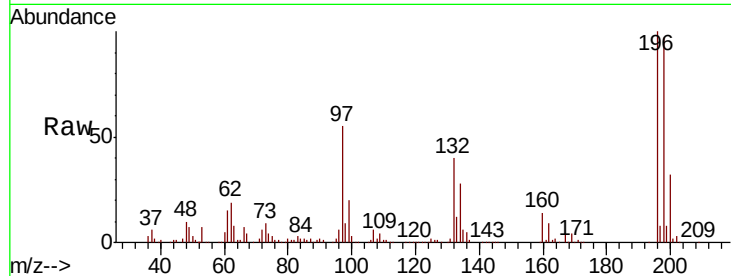




#43
 2,4,6-Trichlorophenol
 Concen: 37.435 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

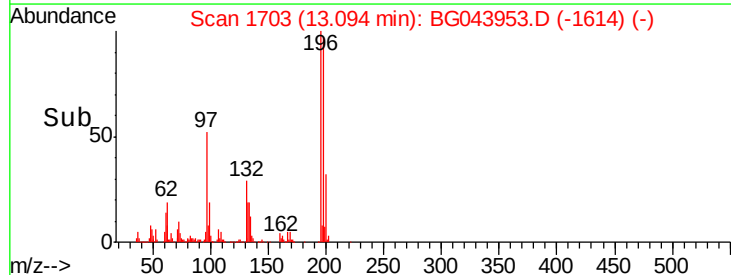
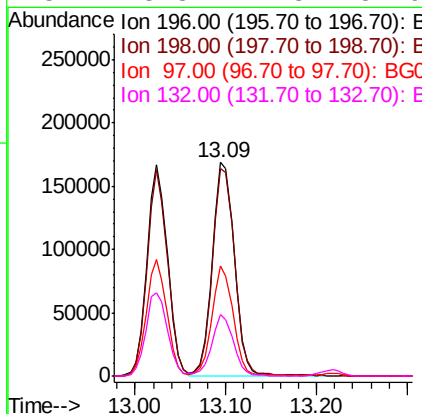
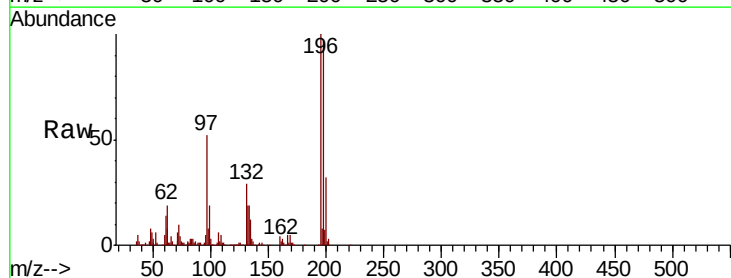
Instrument :
 BNA_G
 ClientSampleId :

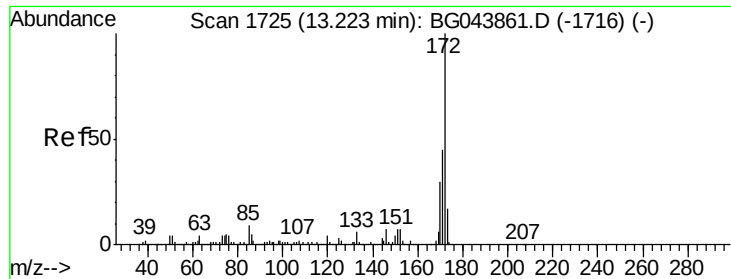
Tot Ion:196 Resp: 260888
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.6 115.0
 200 31.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.636 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion:196 Resp: 284891
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.3 117.5
 97 51.6 38.8 58.2
 132 28.8 21.3 31.9

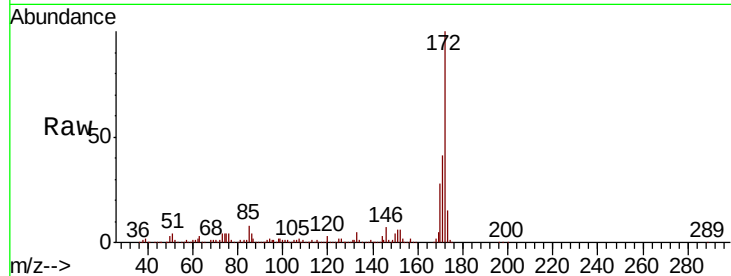




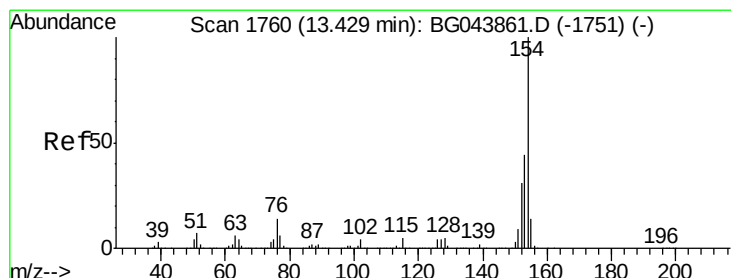
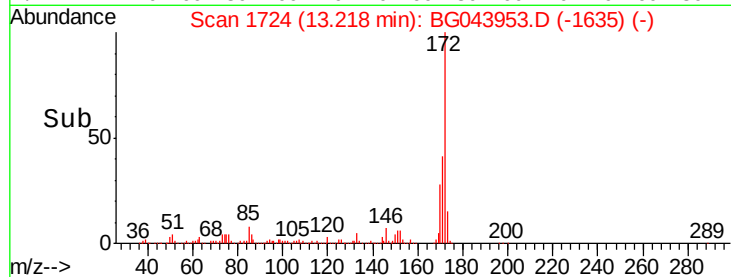
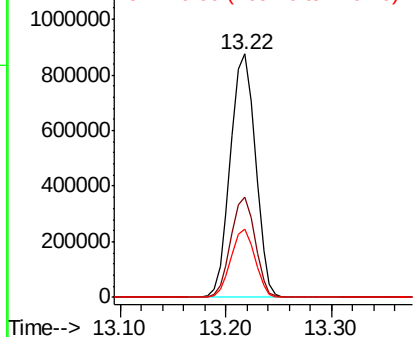
#45
2-Fluorobiphenyl
Concen: 75.042 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1431263
Ion Ratio Lower Upper
172 100
171 41.1 35.8 53.8
170 28.0 24.2 36.4

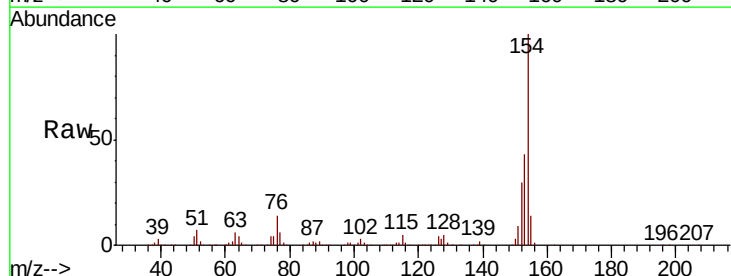


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

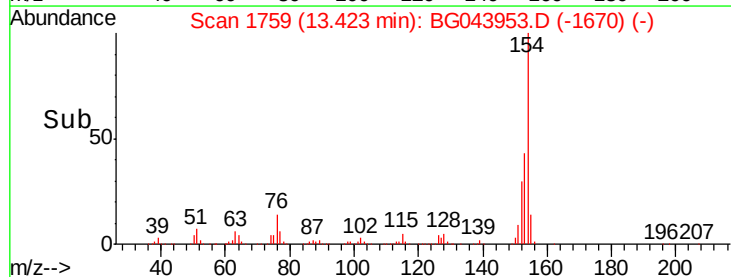
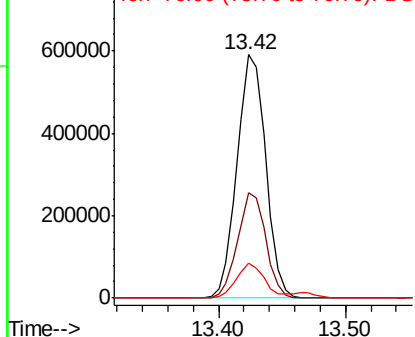


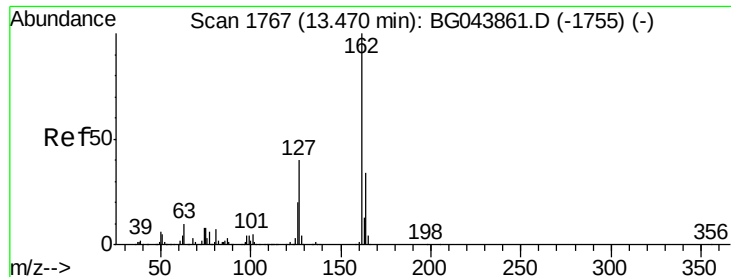
#46
1,1'-Biphenyl
Concen: 37.276 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:154 Resp: 923553
Ion Ratio Lower Upper
154 100
153 43.4 23.6 63.6
76 14.2 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): BG

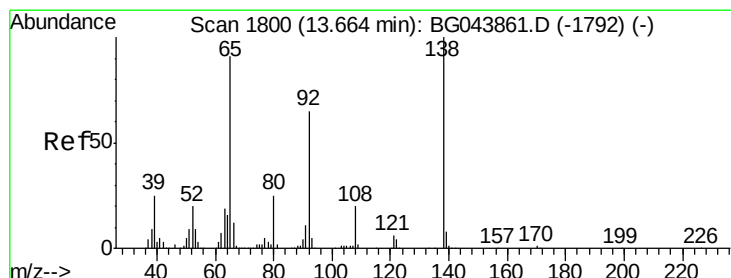
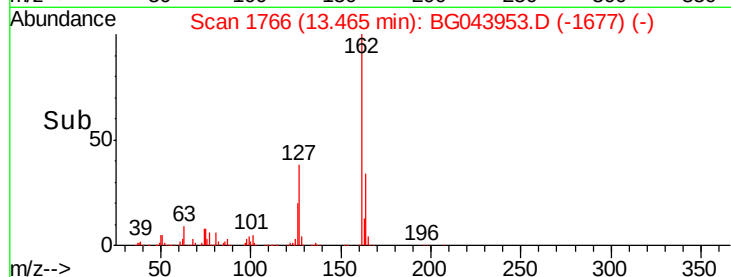
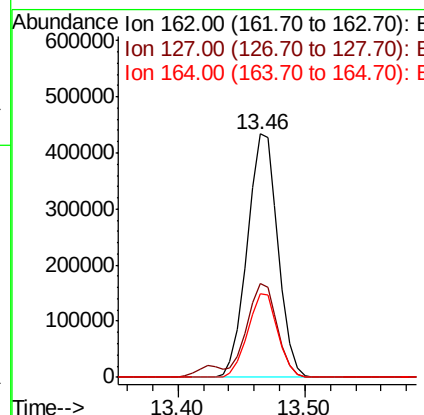
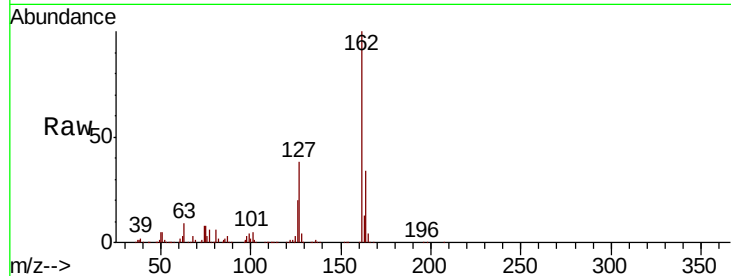




#47
 2-Chloronaphthalene
 Concen: 36.240 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

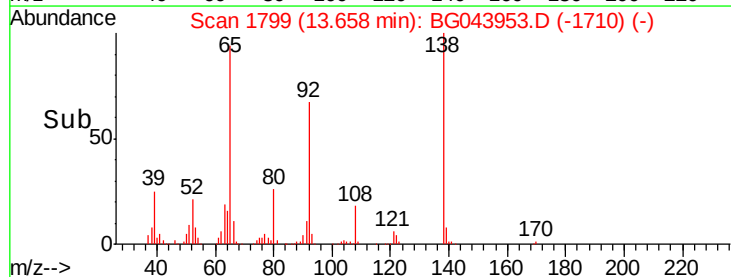
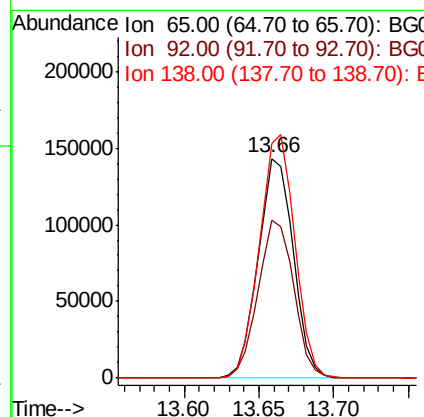
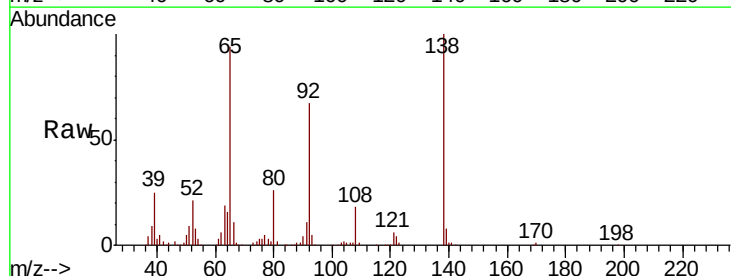
Instrument :
 BNA_G
 ClientSampleId :

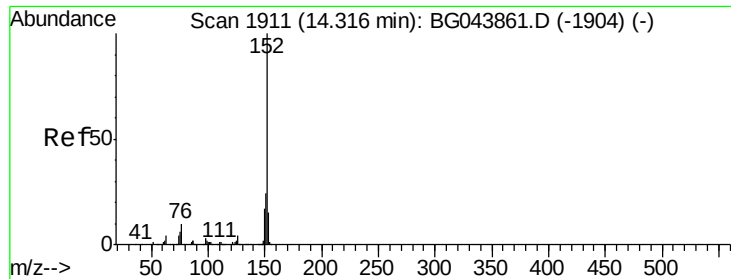
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.1	48.1
164	34.2	27.5	41.3



#48
 2-Nitroaniline
 Concen: 36.230 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	57.4	86.2
138	106.9	88.2	132.4





#49

Acenaphthylene

Concen: 39.699 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

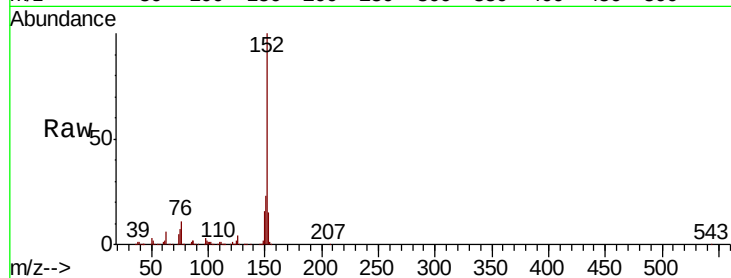
Tot Ion:152 Resp: 1142365

Ion Ratio Lower Upper

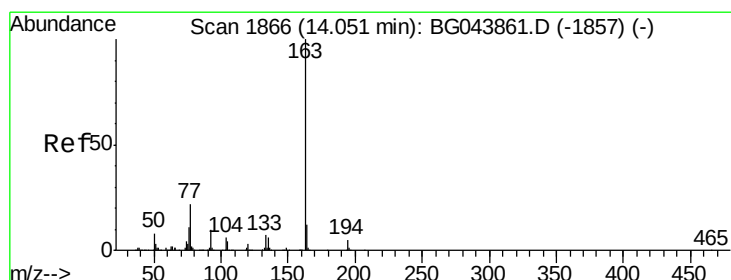
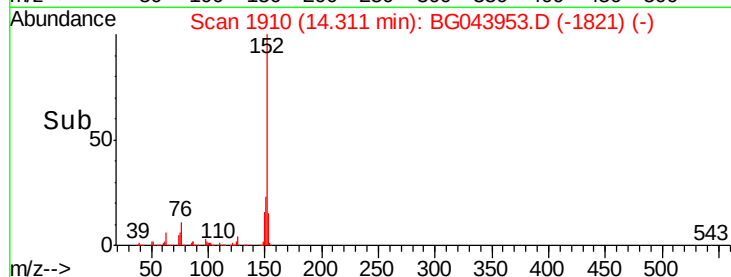
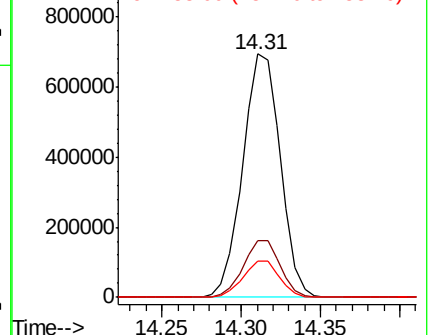
152 100

151 23.3 19.4 29.2

153 14.9 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: 38.187 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

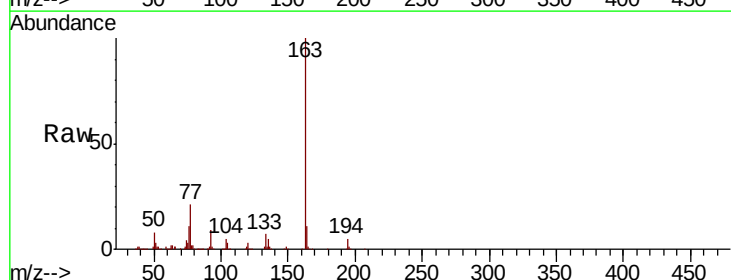
Tgt Ion:163 Resp: 936944

Ion Ratio Lower Upper

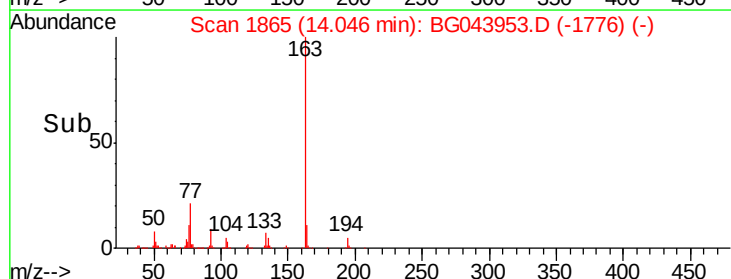
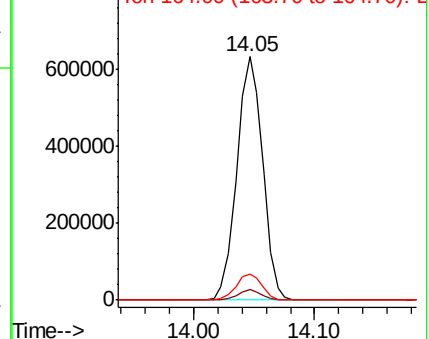
163 100

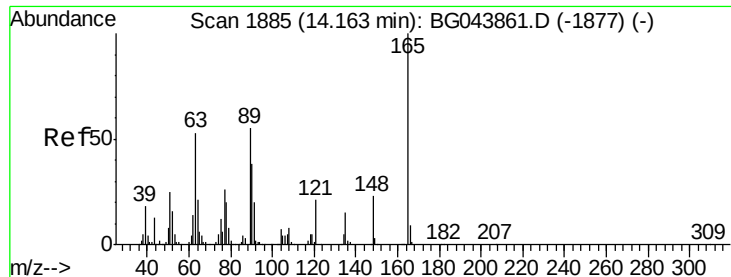
194 4.6 3.7 5.5

164 10.9 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

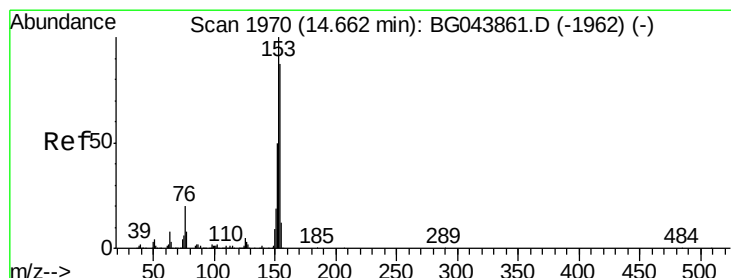
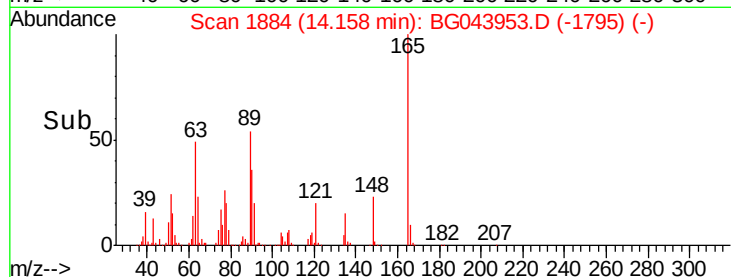
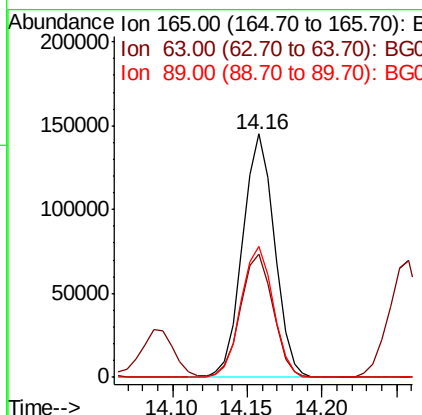
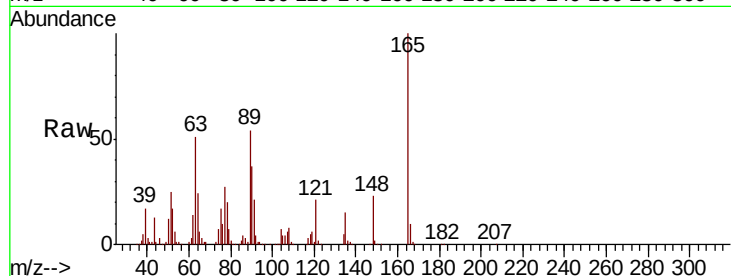




#51
2,6-Dinitrotoluene
Concen: 38.671 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

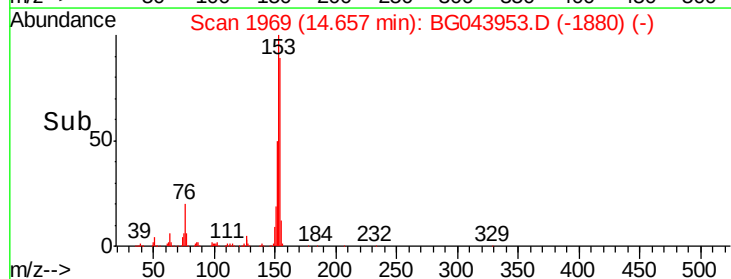
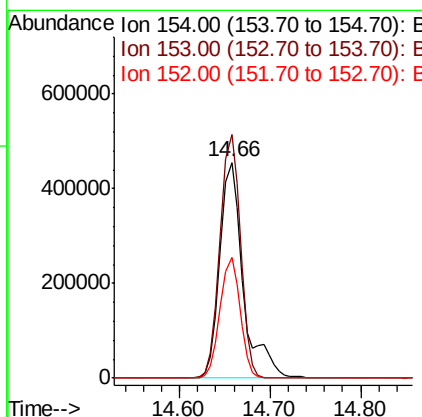
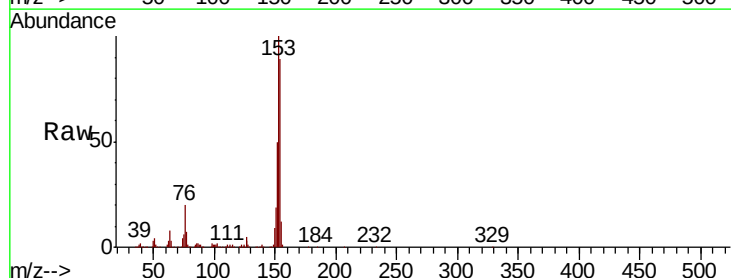
Instrument :
BNA_G
ClientSampleId :

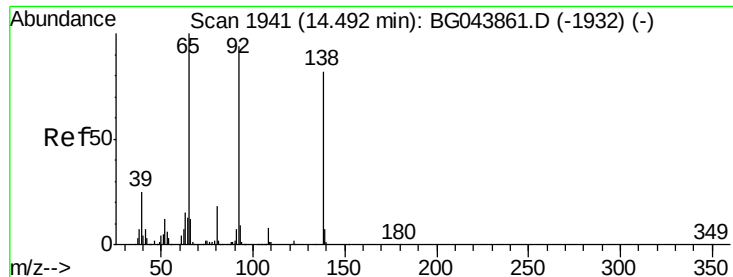
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	43.1	64.7
89	53.9	43.8	65.6



#52
Acenaphthene
Concen: 40.492 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.6	137.4
152	56.0	45.4	68.0

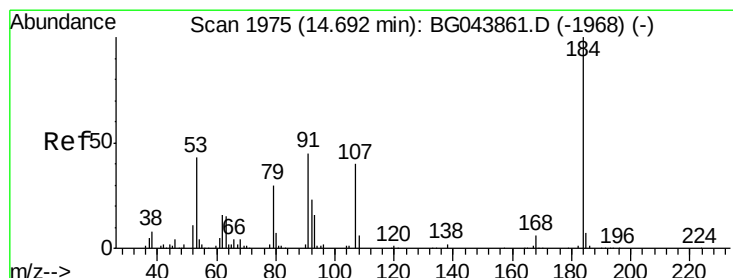
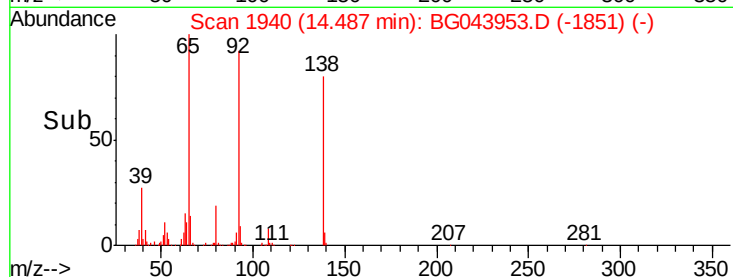
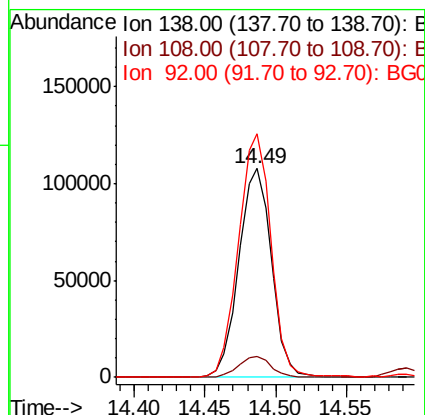
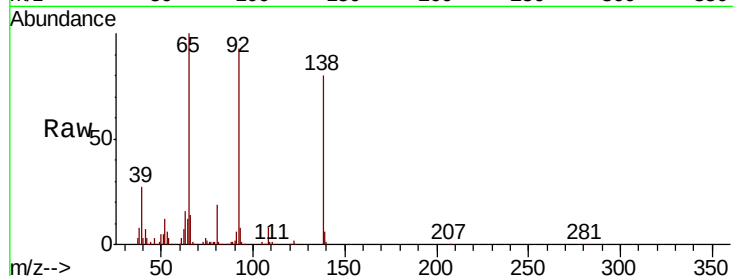




#53
3-Nitroaniline
Concen: 27.716 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

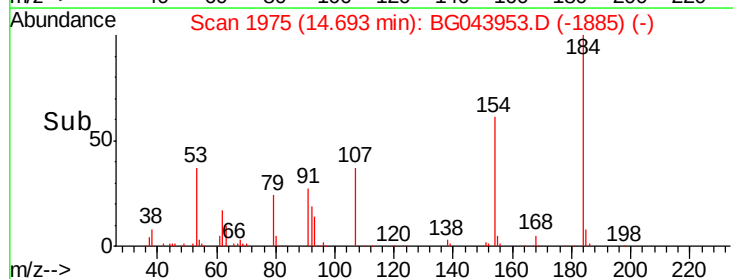
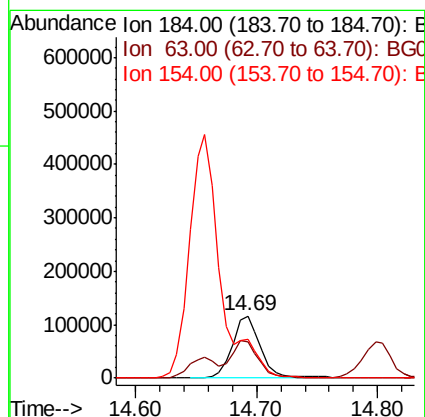
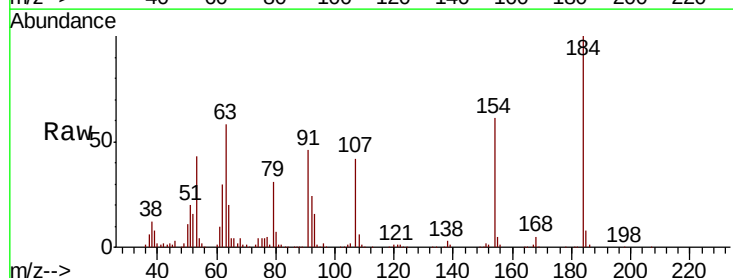
Instrument :
BNA_G
ClientSampleId :

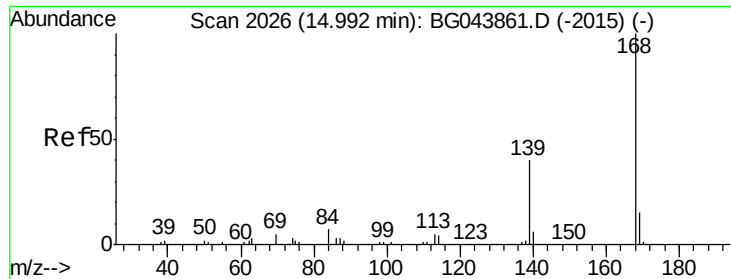
Tot Ion:138 Resp: 174541
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 116.6 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 67.494 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:184 Resp: 188088
Ion Ratio Lower Upper
184 100
63 58.2 46.6 70.0
154 61.4 50.2 75.4

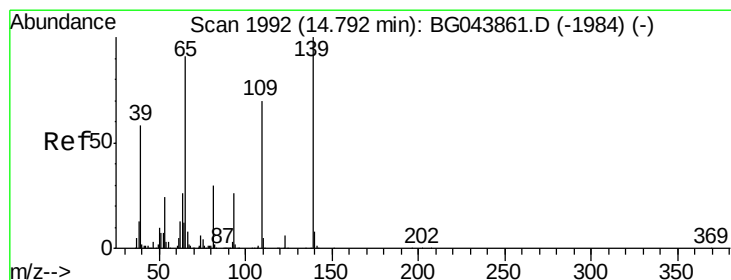
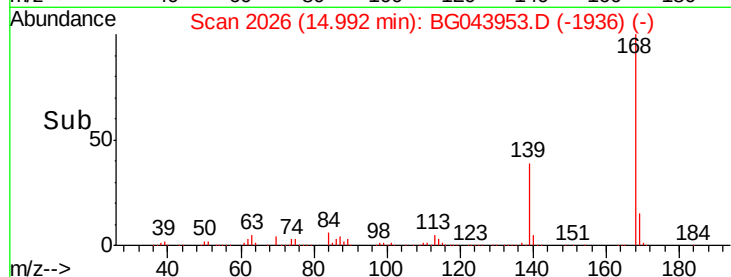
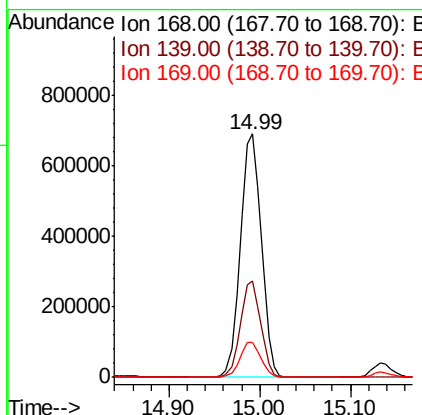
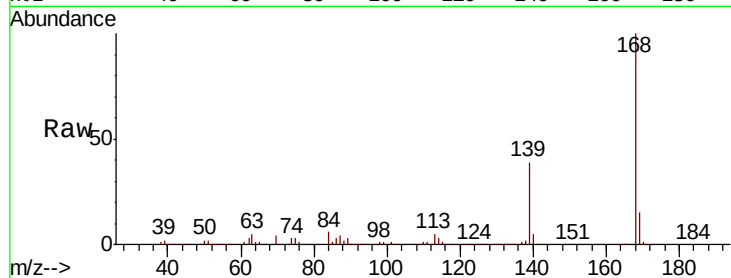




#55
Dibenzenofuran
Concen: 39.939 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

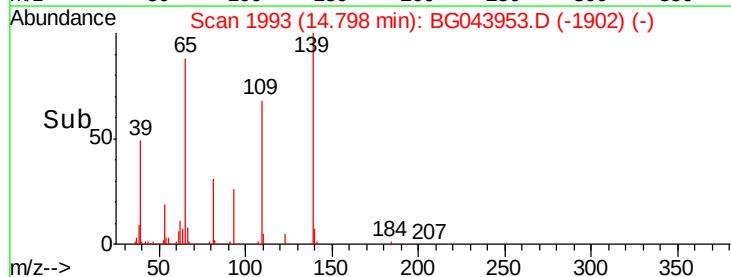
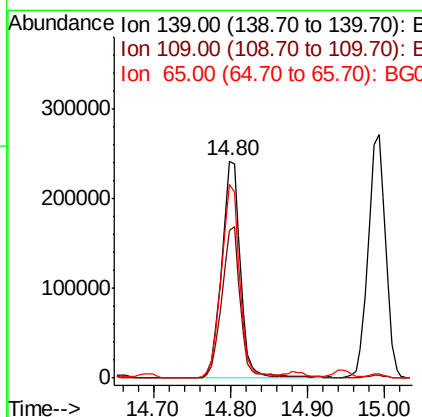
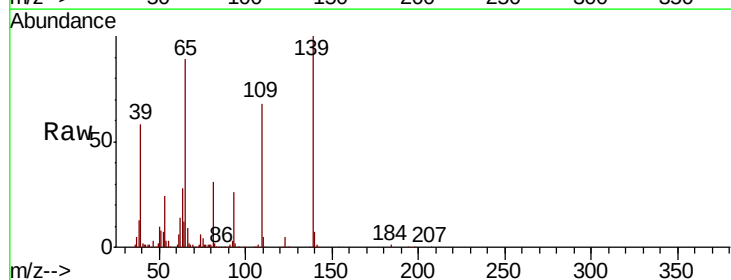
Instrument :
BNA_G
ClientSampleId :

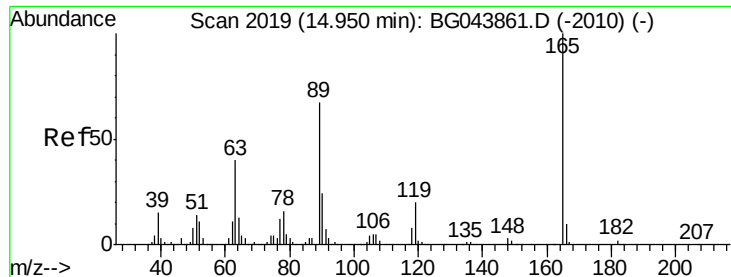
Tot Ion:168 Resp: 1109502
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.2
169 14.6 12.2 18.2



#56
4-Nitrophenol
Concen: 85.575 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:139 Resp: 412973
Ion Ratio Lower Upper
139 100
109 67.8 50.4 90.4
65 89.3 71.4 111.4

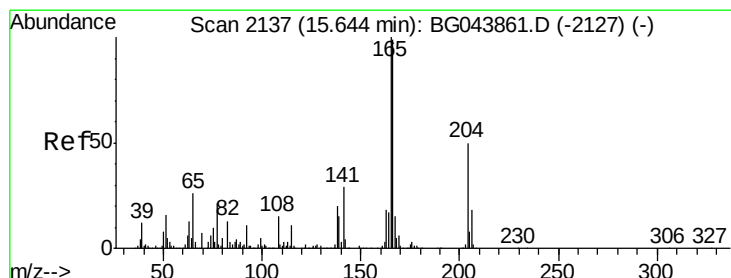
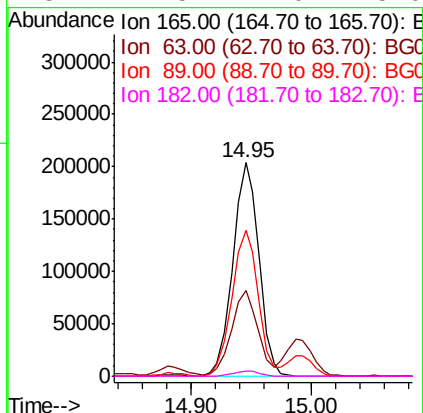
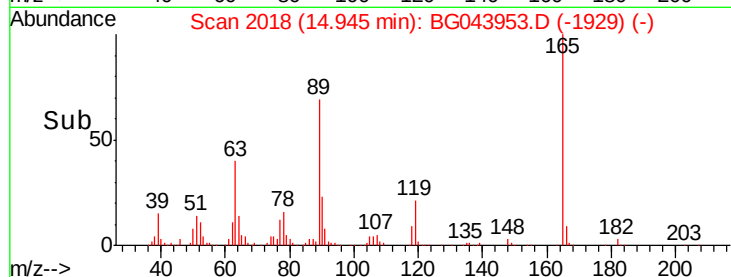
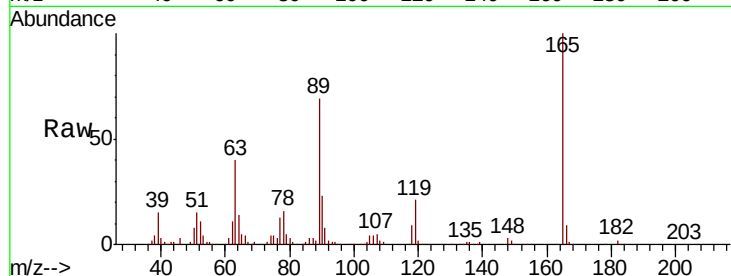




#57
2,4-Dinitrotoluene
Concen: 40.455 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

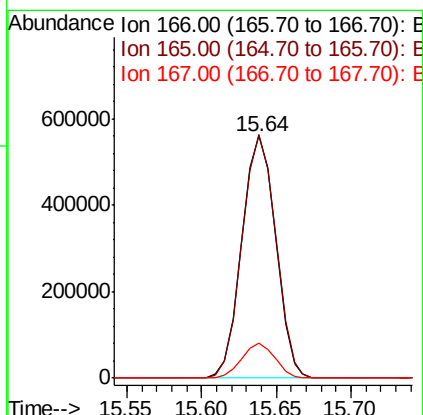
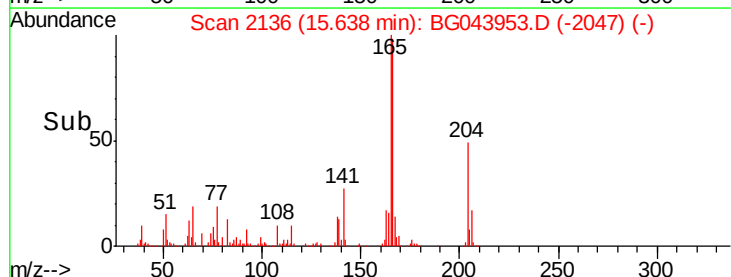
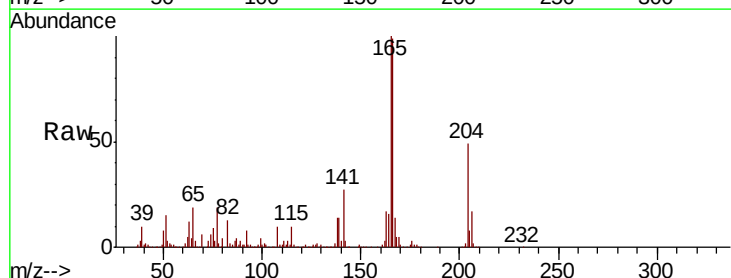
Instrument :
BNA_G
ClientSampleId :

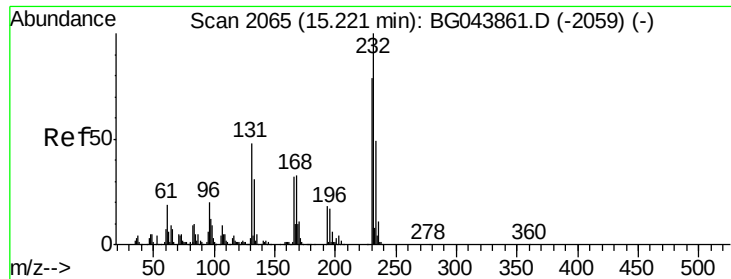
Tot Ion:	165	Resp:	305275
Ion	Ratio	Lower	Upper
165	100		
63	40.3	31.9	47.9
89	68.5	53.8	80.6
182	2.5	2.0	3.0



#58
Fluorene
Concen: 39.987 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:	166	Resp:	880448
Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.8	121.2
167	14.5	12.1	18.1

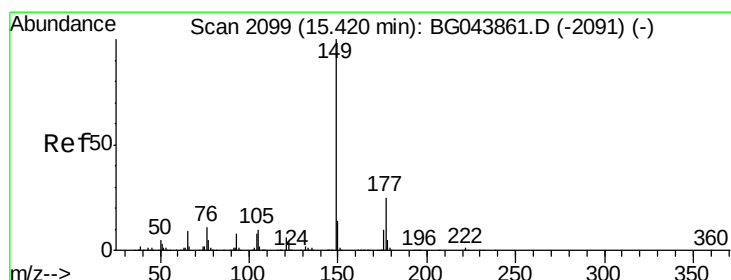
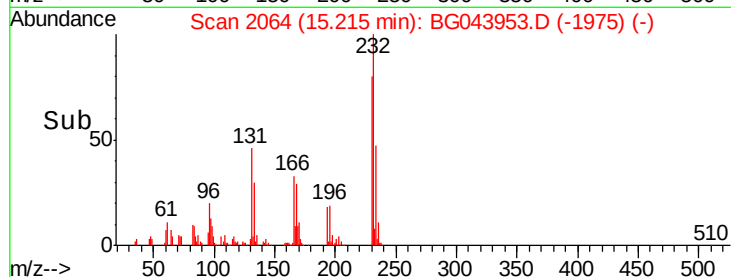
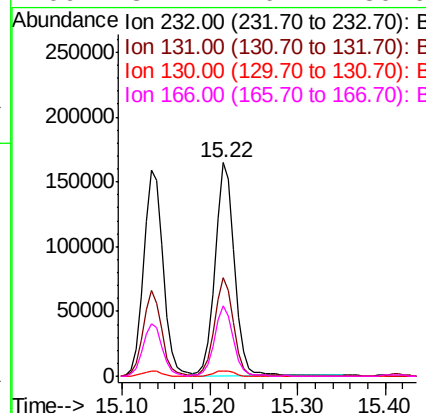
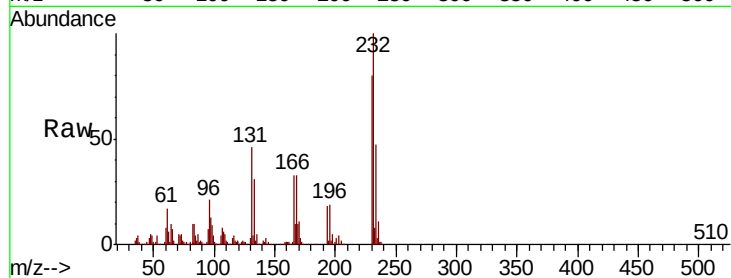




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.801 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

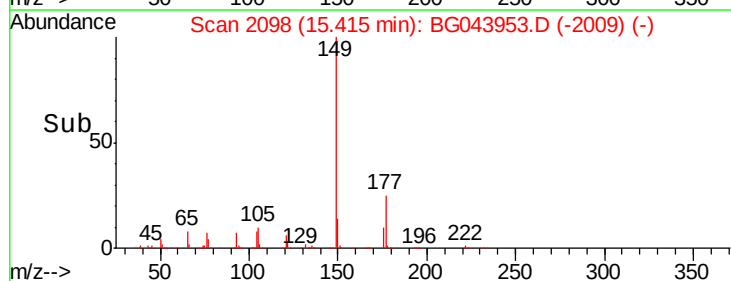
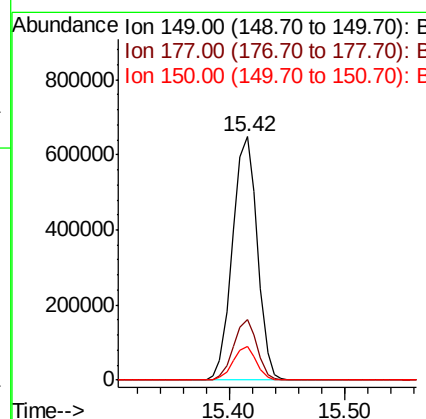
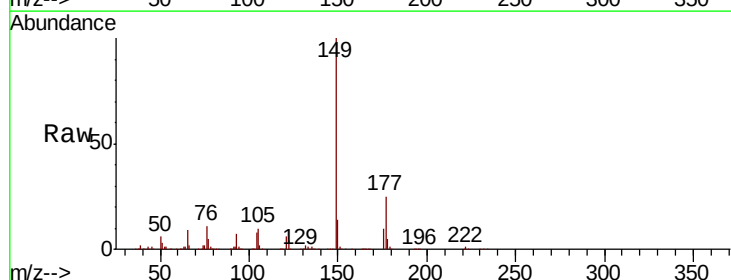
Instrument :
 BNA_G
 ClientSampleId :

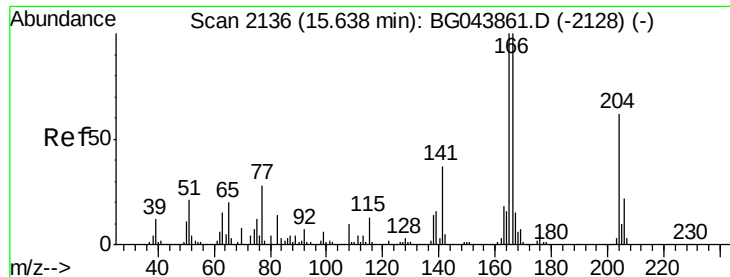
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	38.2	57.2
130	2.6	2.2	3.2
166	32.1	26.4	39.6



#60
 Diethylphthalate
 Concen: 39.215 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	20.0	30.0
150	13.6	11.1	16.7

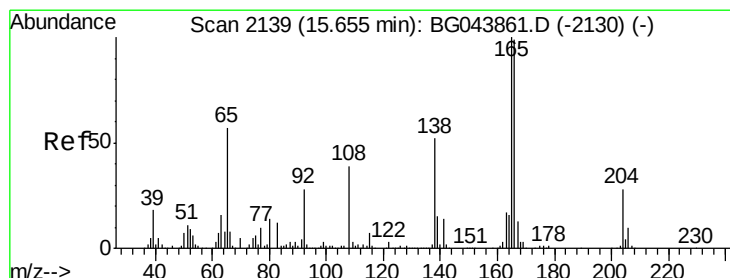
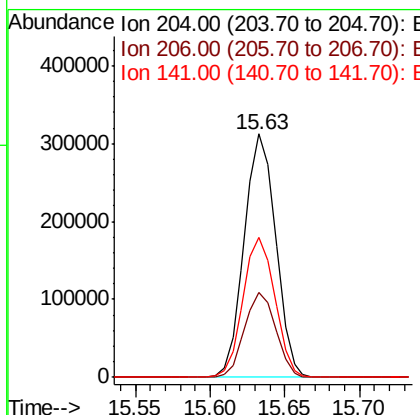
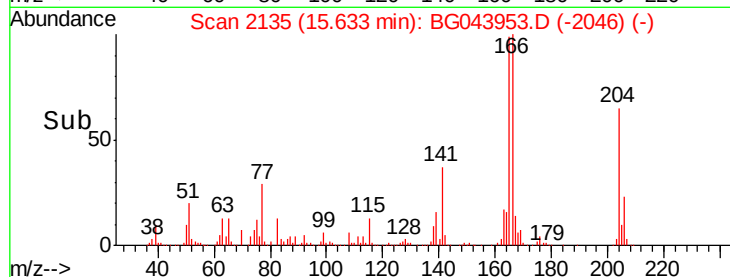
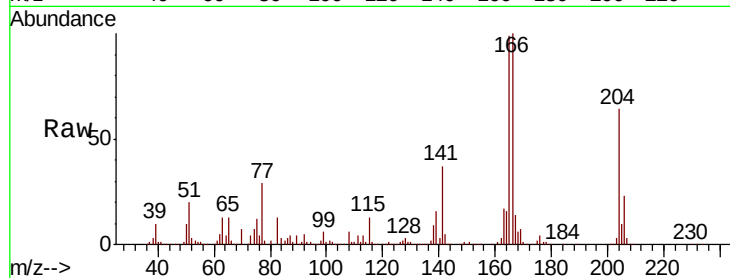




#61
4-Chlorophenyl-phenylether
Concen: 38.207 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

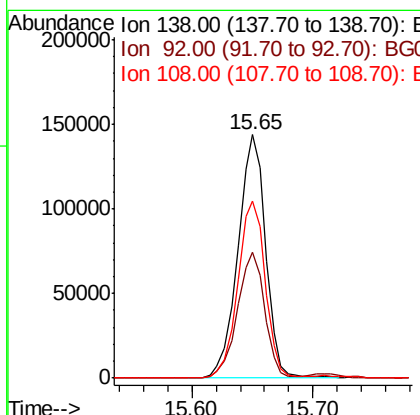
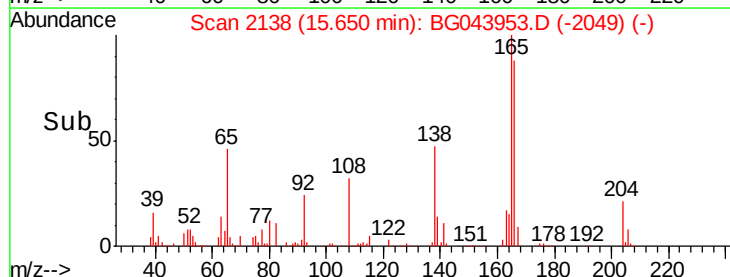
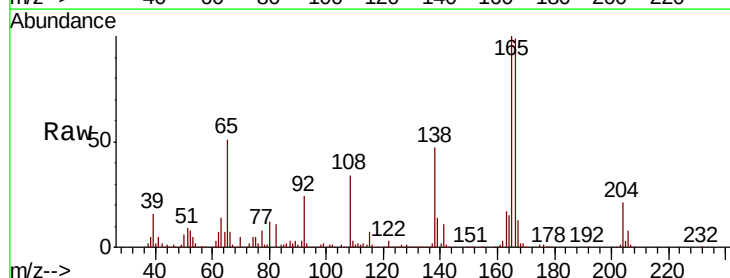
Instrument :
BNA_G
ClientSampleId :

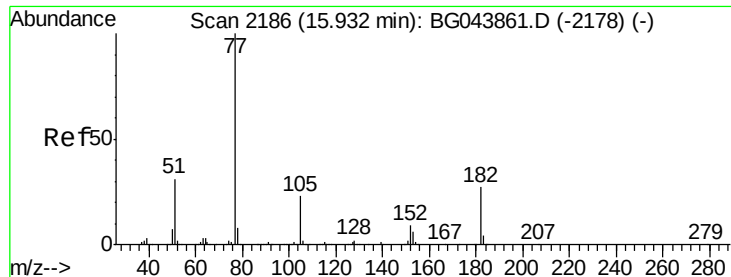
Tot Ion:204 Resp: 456795
Ion Ratio Lower Upper
204 100
206 35.1 28.2 42.2
141 57.7 48.2 72.2



#62
4-Nitroaniline
Concen: 36.872 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:138 Resp: 229308
Ion Ratio Lower Upper
138 100
92 51.6 34.3 74.3
108 73.0 55.0 95.0





#63

Azobenzene

Concen: 39.825 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 906362

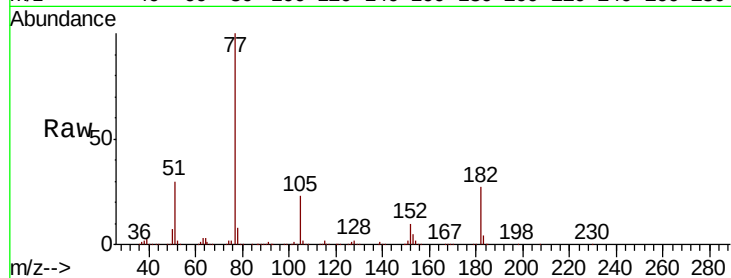
Ion Ratio Lower Upper

77 100

182 27.4 7.3 47.3

105 23.1 3.2 43.2

51 29.9 10.6 50.6

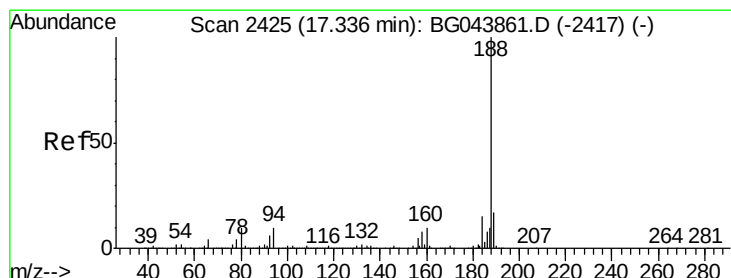
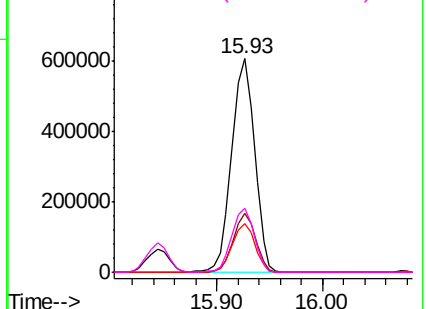
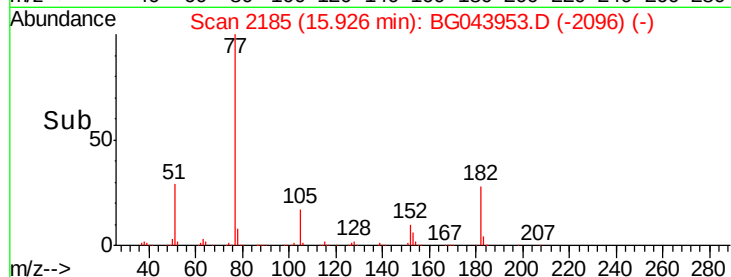


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG043953.D

Acq: 7 Jan 2020 13:44

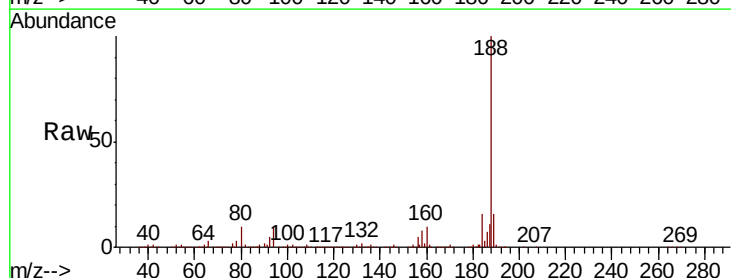
Tgt Ion: 188 Resp: 754872

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

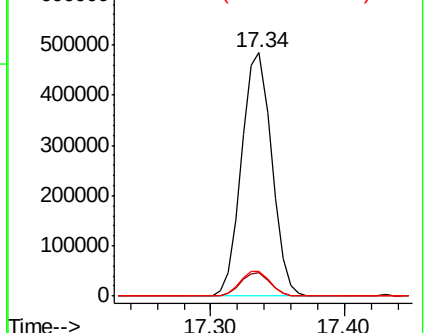
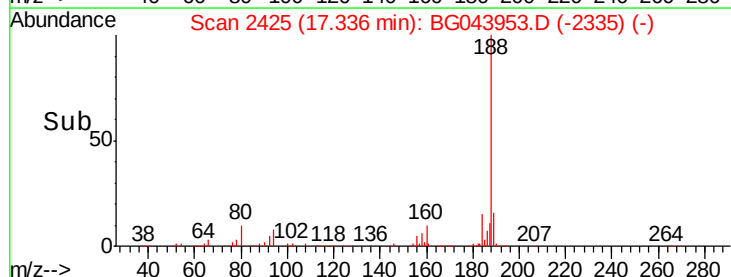
80 9.9 8.2 12.4

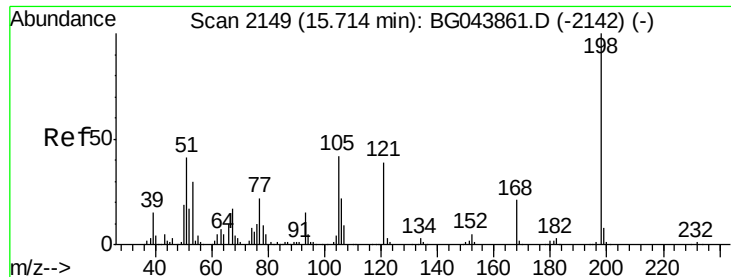


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

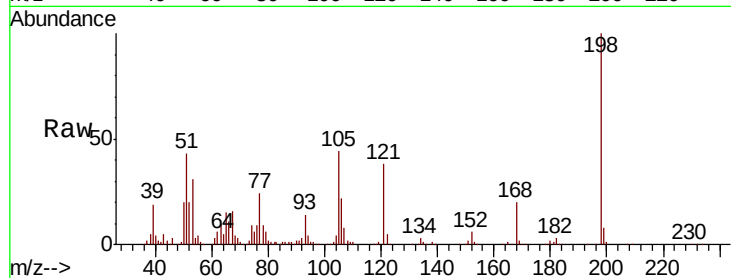




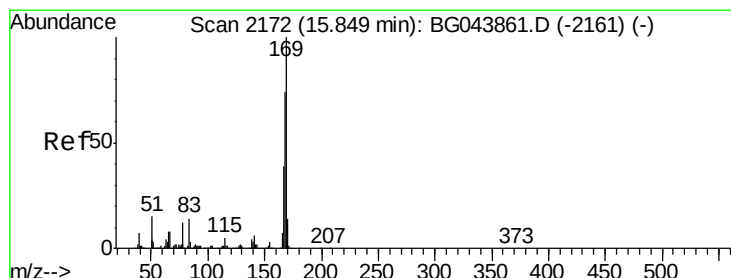
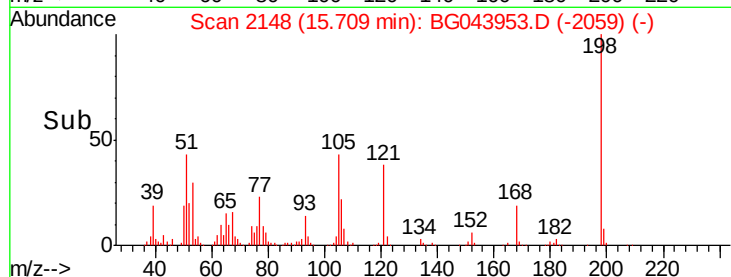
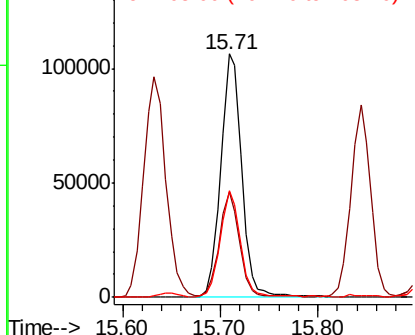
#65
4,6-Dinitro-2-methylphenol
Concen: 41.421 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 158525
Ion Ratio Lower Upper
198 100
51 43.1 22.5 62.5
105 43.6 22.3 62.3

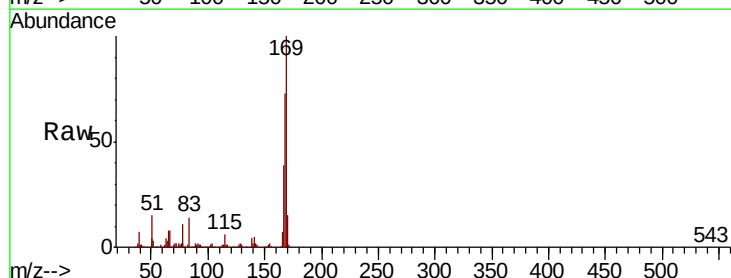


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

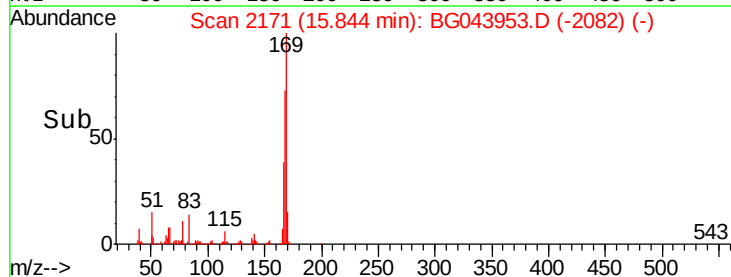
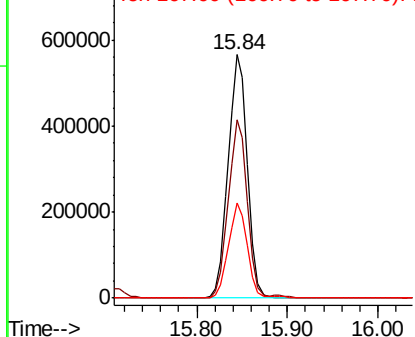


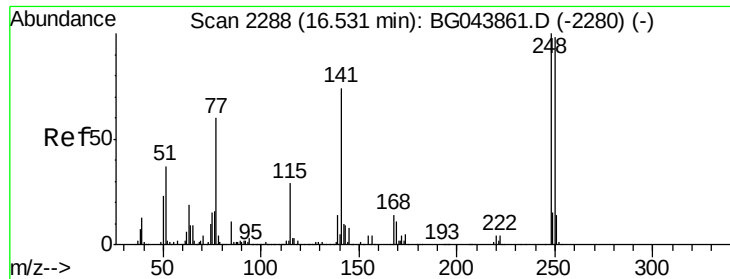
#66
n-Nitrosodiphenylamine
Concen: 37.246 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:169 Resp: 827984
Ion Ratio Lower Upper
169 100
168 73.1 59.0 88.6
167 39.2 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

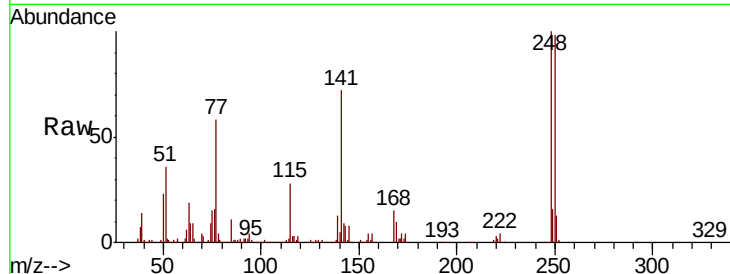




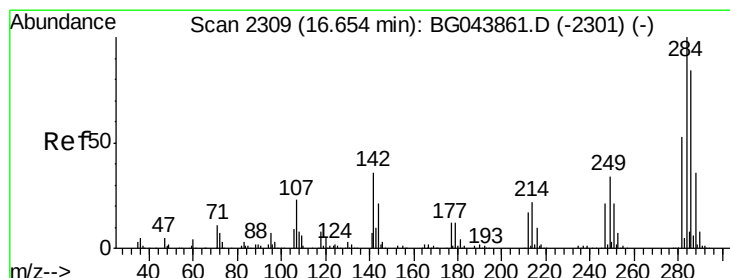
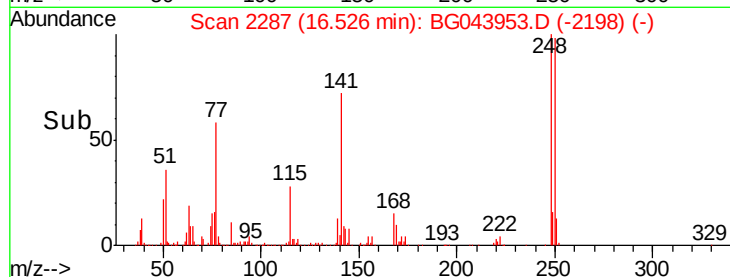
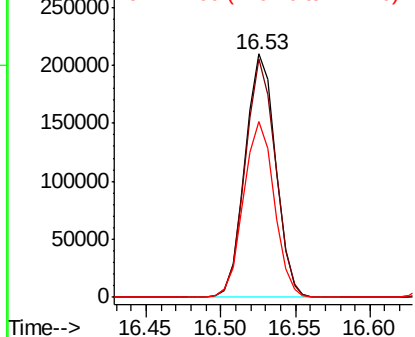
#67
4-Bromophenyl-phenylether
Concen: 34.938 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 296624
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.2
141 72.4 59.3 88.9

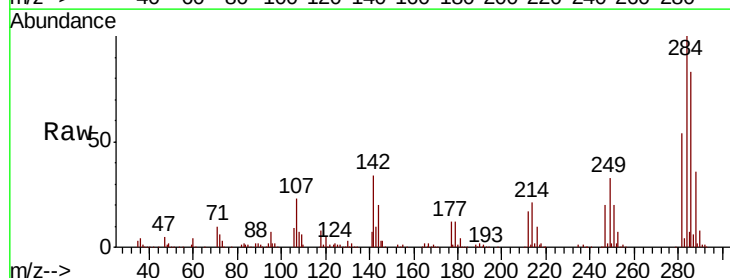


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

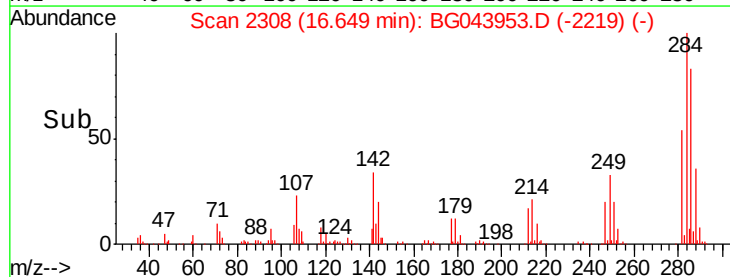
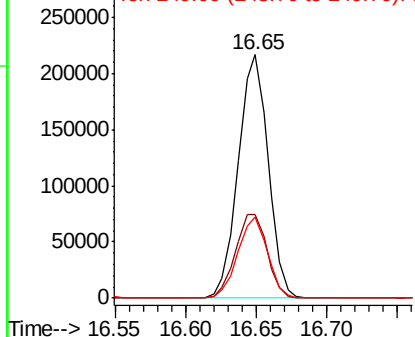


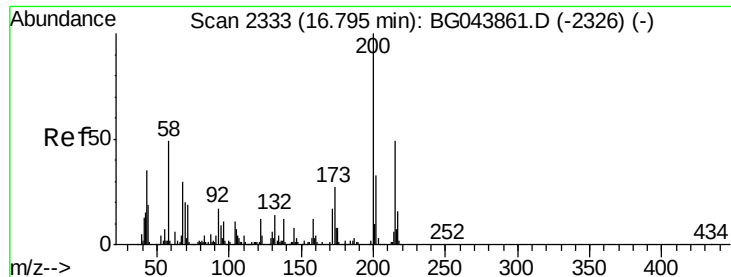
#68
Hexachlorobenzene
Concen: 35.044 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:284 Resp: 320593
Ion Ratio Lower Upper
284 100
142 34.4 28.6 43.0
249 33.1 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: 43.736 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

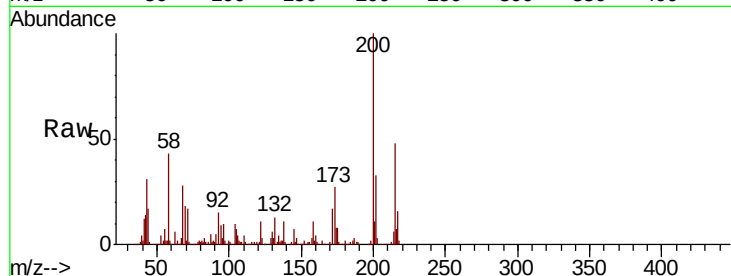
Tot Ion:200 Resp: 316036

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

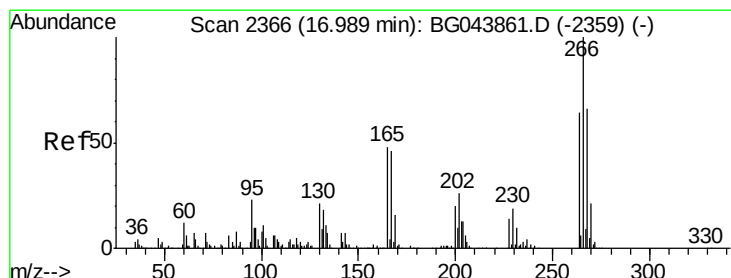
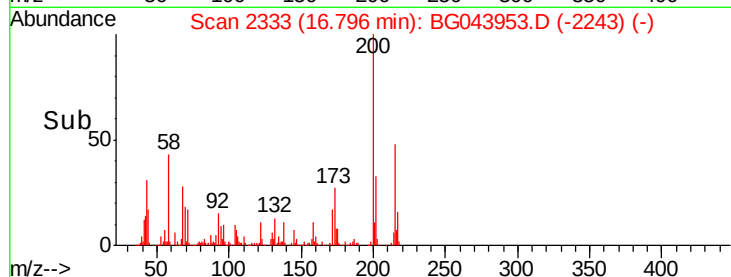
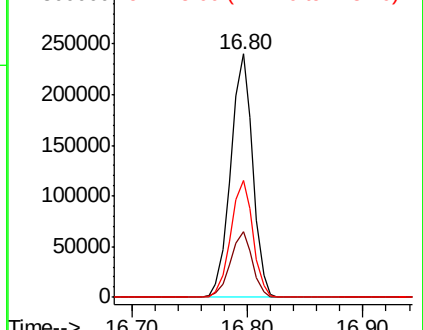
215 47.8 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.996 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

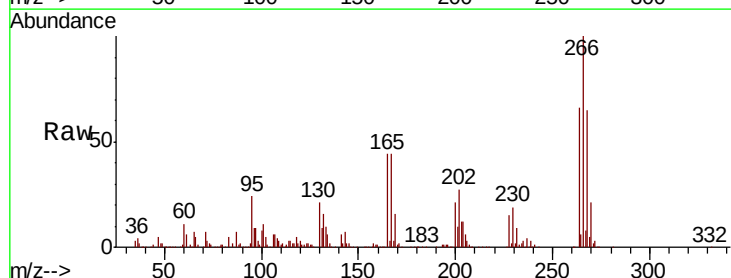
Tgt Ion:266 Resp: 352987

Ion Ratio Lower Upper

266 100

268 65.4 52.6 79.0

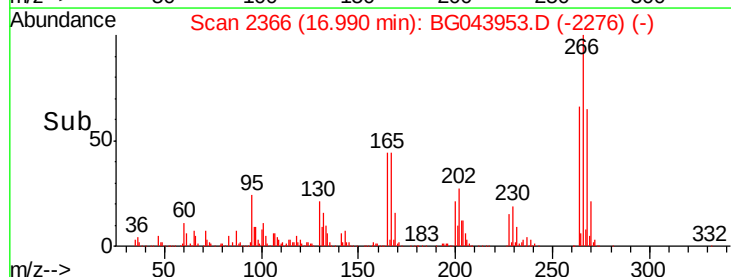
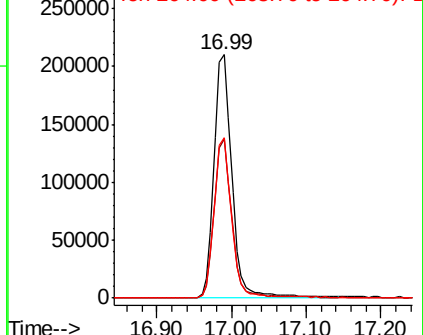
264 65.9 50.8 76.2

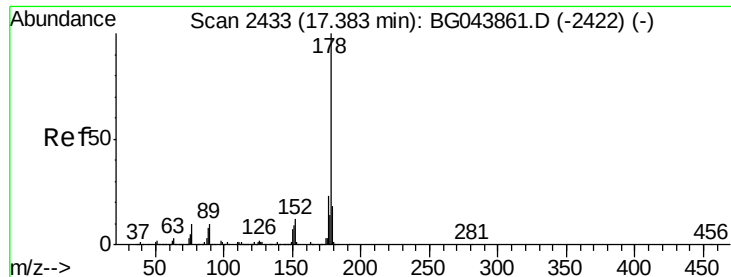


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.358 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

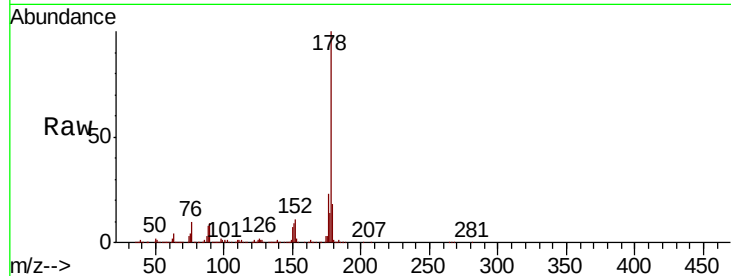
Tot Ion:178 Resp: 1388841

Ion Ratio Lower Upper

178 100

176 22.7 18.6 28.0

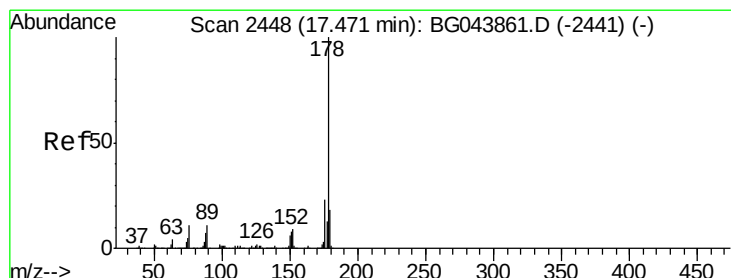
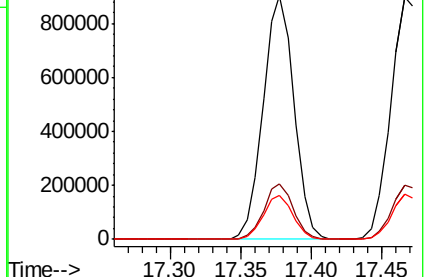
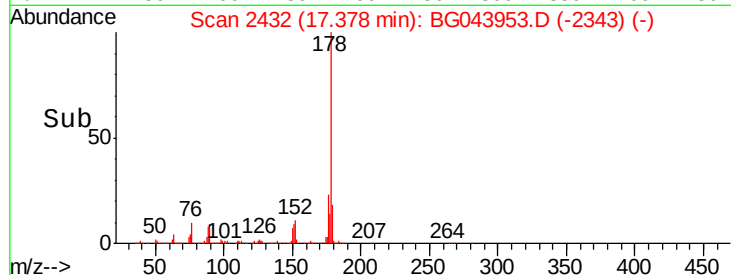
179 18.2 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.986 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

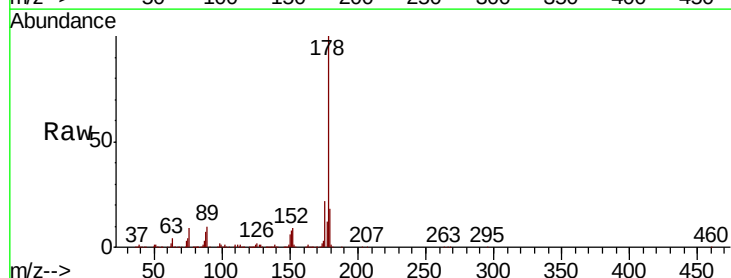
Tgt Ion:178 Resp: 1430817

Ion Ratio Lower Upper

178 100

176 22.5 18.3 27.5

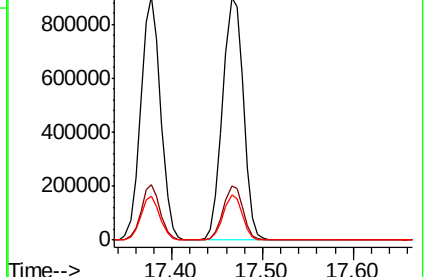
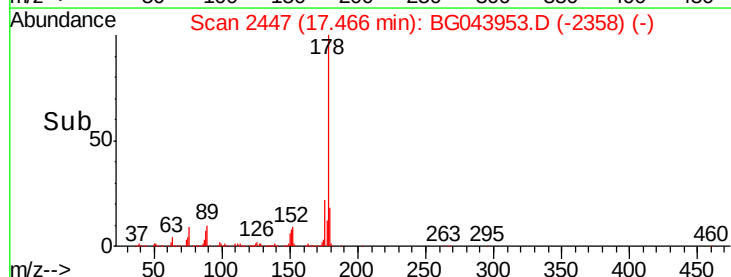
179 18.4 14.6 22.0

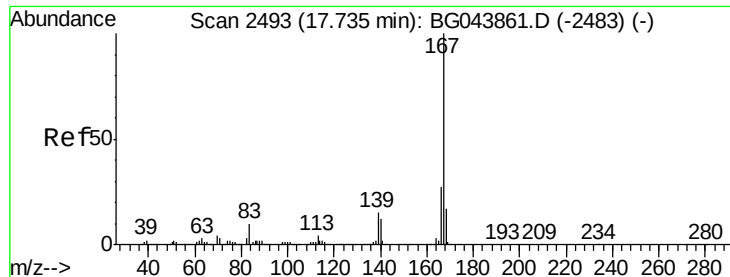


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.732 ng

RT: 17.73 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

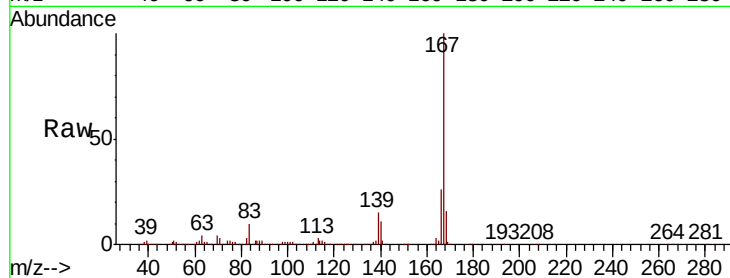
Tot Ion:167 Resp: 1313301

Ion	Ratio	Lower	Upper
167	100		
166	26.2	21.6	32.4
139	14.8	12.1	18.1

167 100

166 26.2 21.6 32.4

139 14.8 12.1 18.1

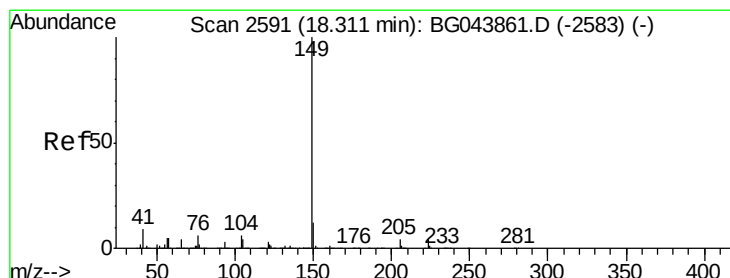
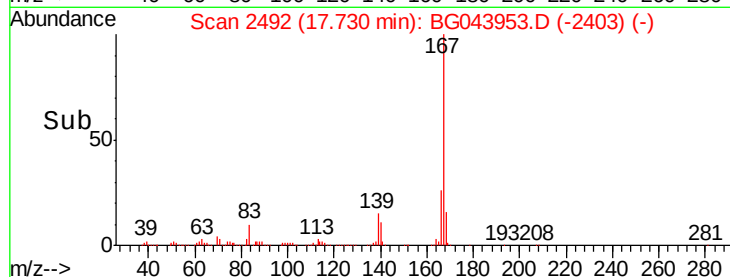
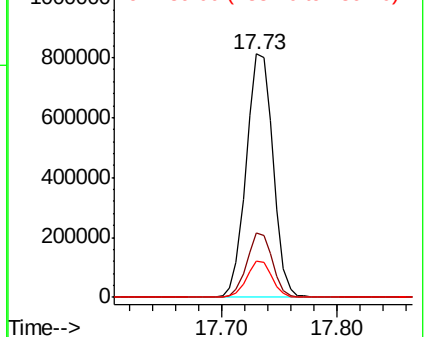


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.084 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

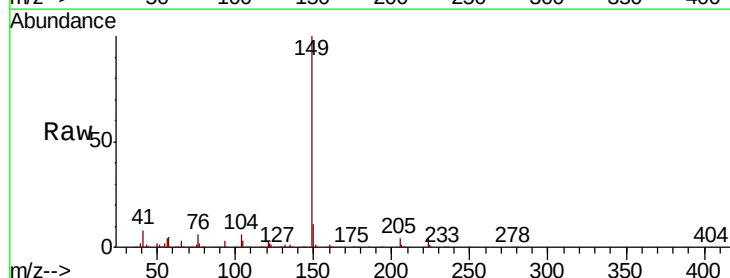
Tgt Ion:149 Resp: 1607184

Ion	Ratio	Lower	Upper
149	100		
150	11.2	9.7	14.5
104	5.8	5.0	7.4

149 100

150 11.2 9.7 14.5

104 5.8 5.0 7.4

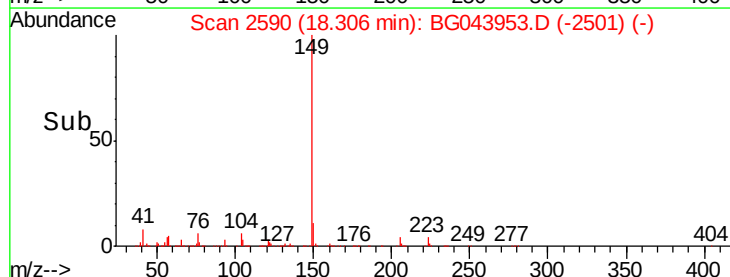
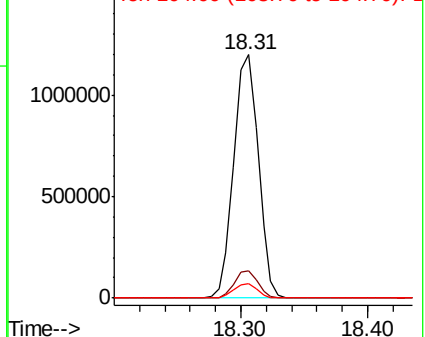


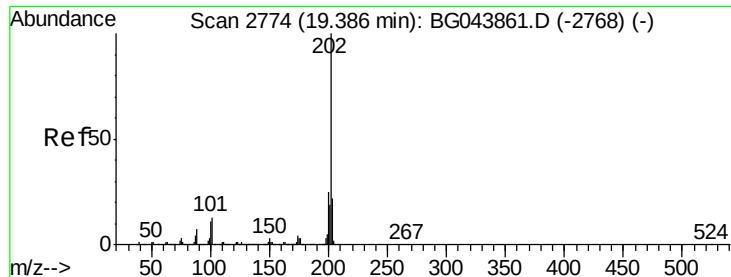
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.716 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

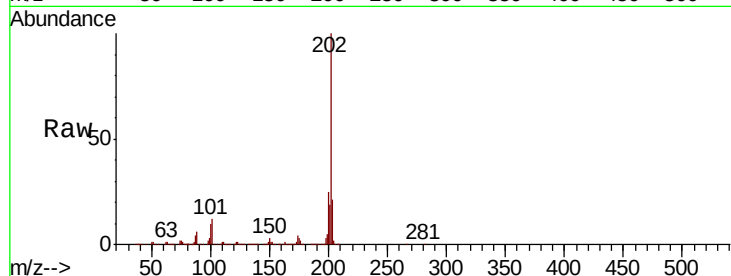
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1603180

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.3
203	21.3	1.6	41.6

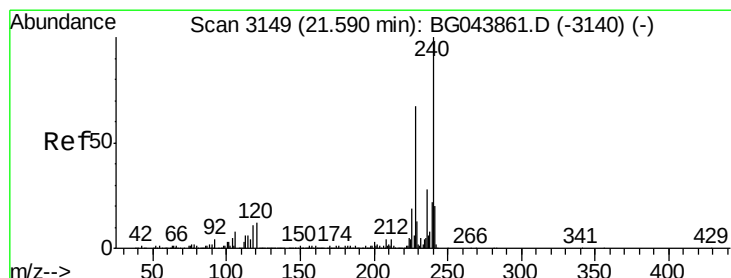
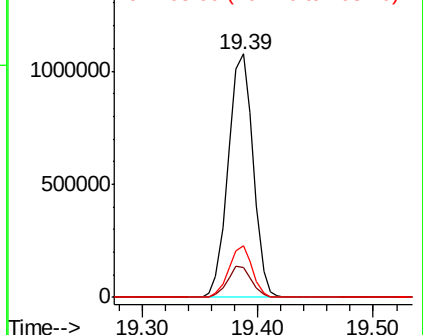
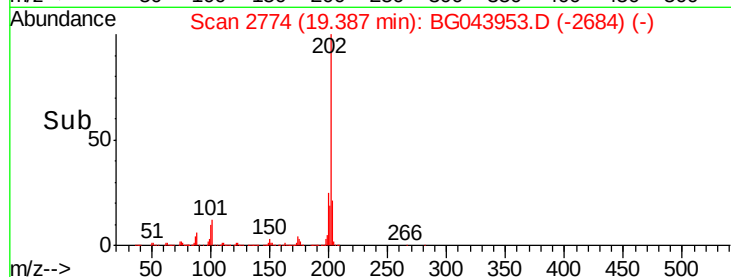


Abundance

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: 21.58 min Scan# 3148

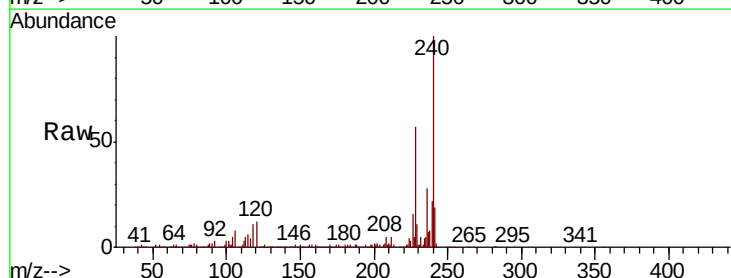
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:240 Resp: 649083

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	28.2	22.2	33.2

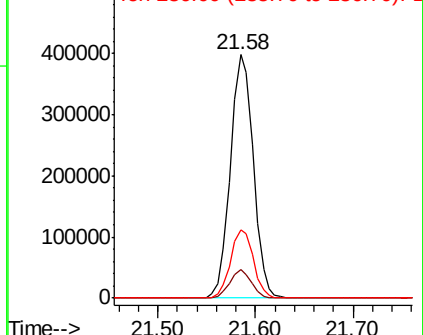
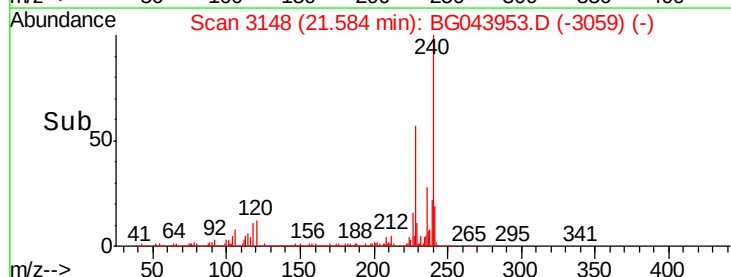


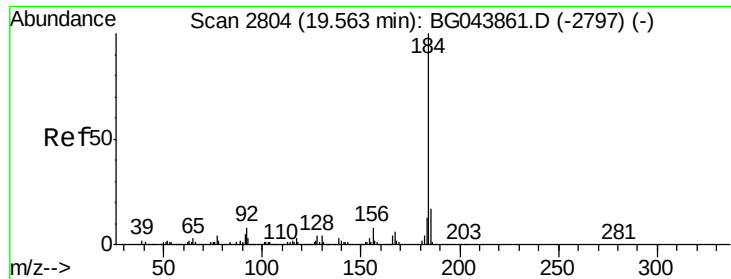
Abundance

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: 43.957 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

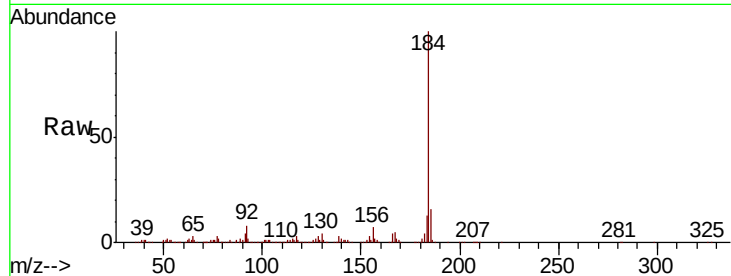
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 717165

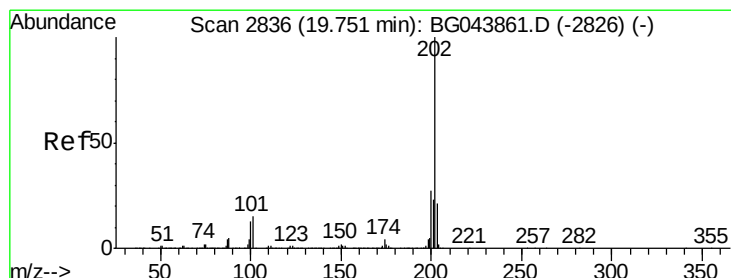
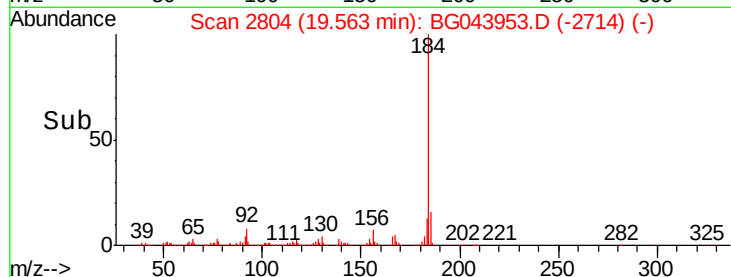
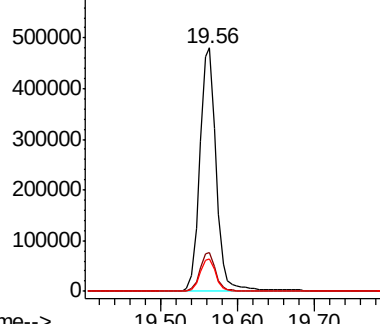
Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.4	20.0
183	13.4	10.6	15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.565 ng

RT: 19.75 min Scan# 2835

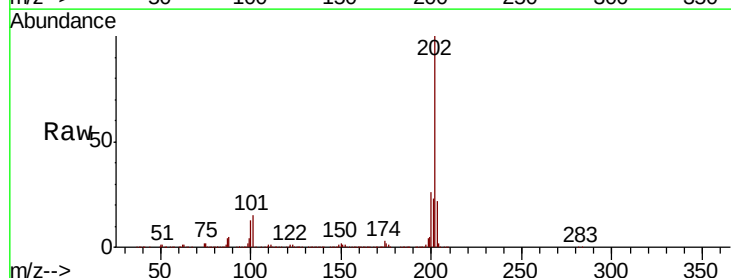
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:202 Resp: 1591543

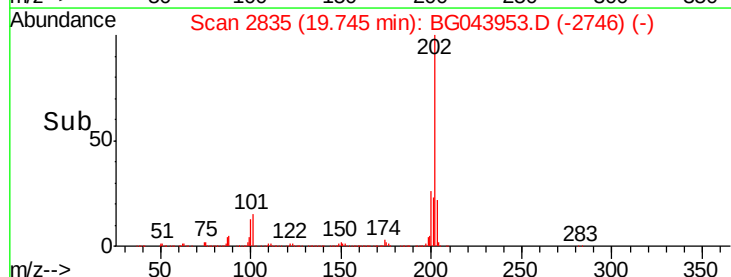
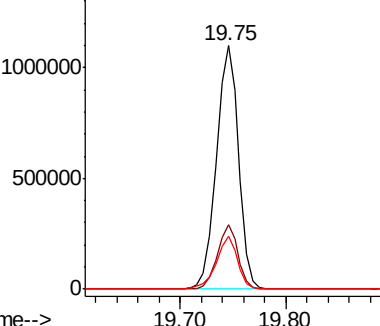
Ion	Ratio	Lower	Upper
202	100		
200	26.3	21.7	32.5
203	21.6	17.0	25.6

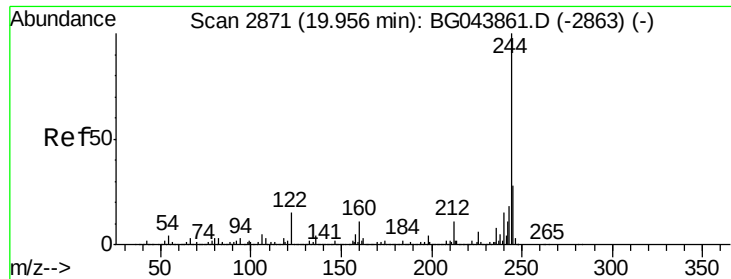


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.131 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

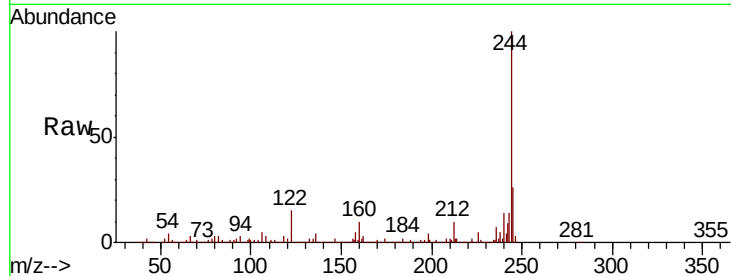
Tot Ion:244 Resp: 2045920

Ion Ratio Lower Upper

244 100

212 10.0 8.6 13.0

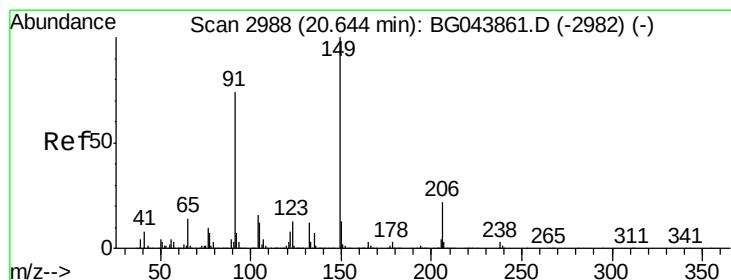
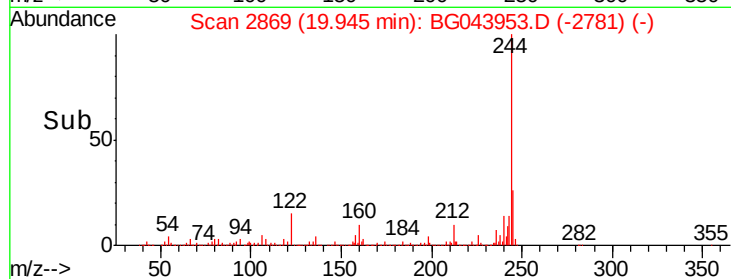
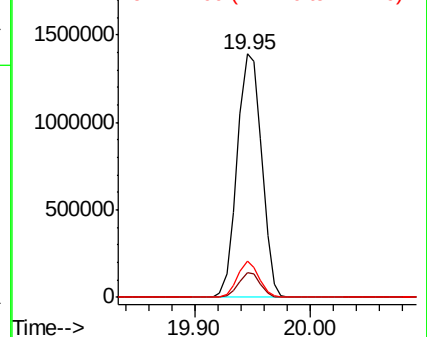
122 14.7 11.9 17.9



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: 36.664 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

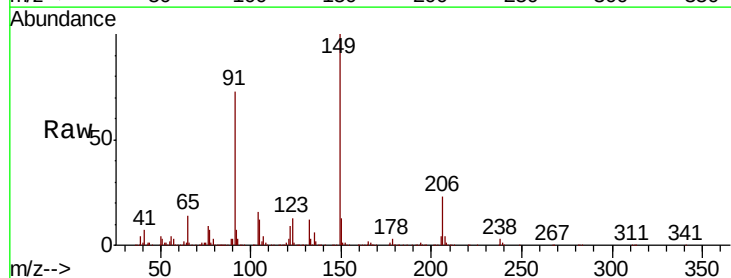
Tgt Ion:149 Resp: 739551

Ion Ratio Lower Upper

149 100

91 73.0 59.5 89.3

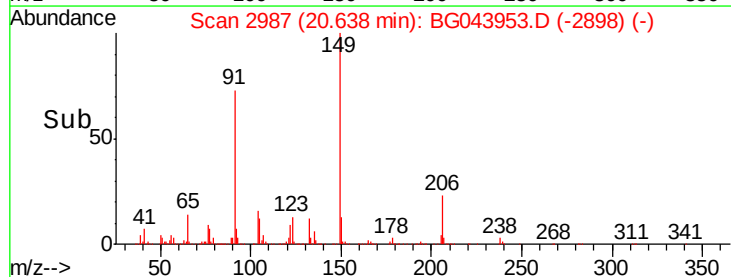
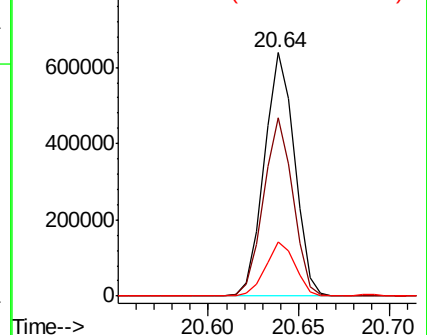
206 22.5 17.8 26.6

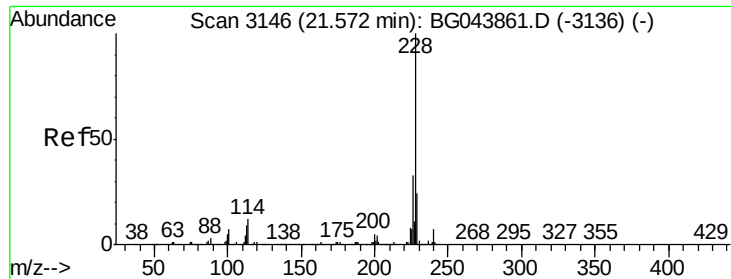


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.131 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

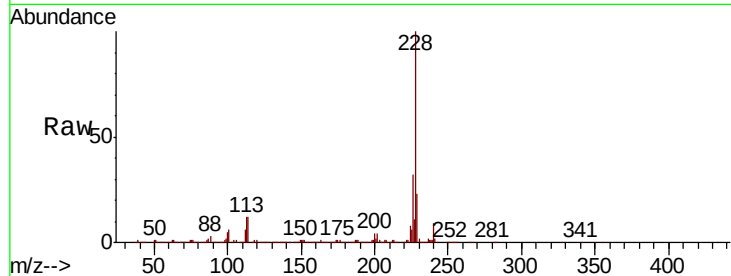
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1534670

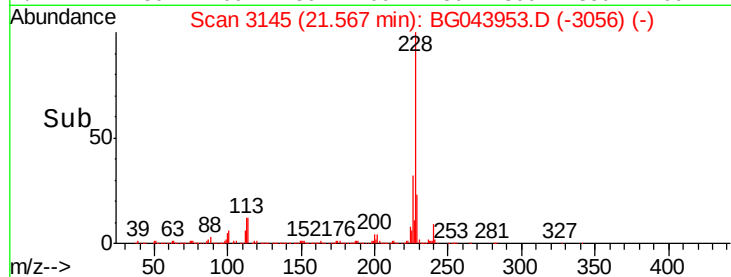
Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	23.3	18.9	28.3



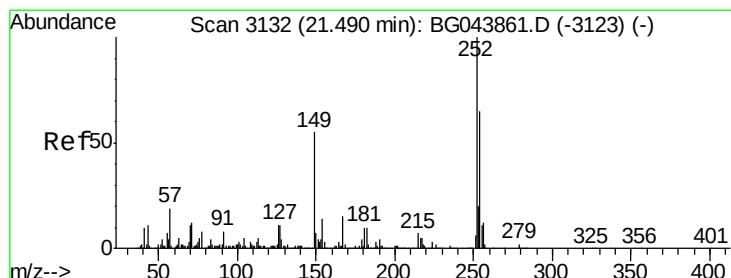
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 31.028 ng

RT: 21.48 min Scan# 3131

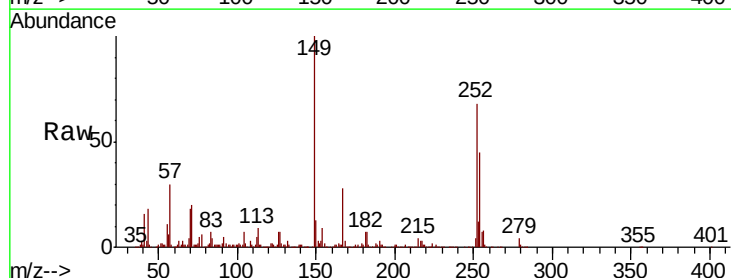
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:252 Resp: 493378

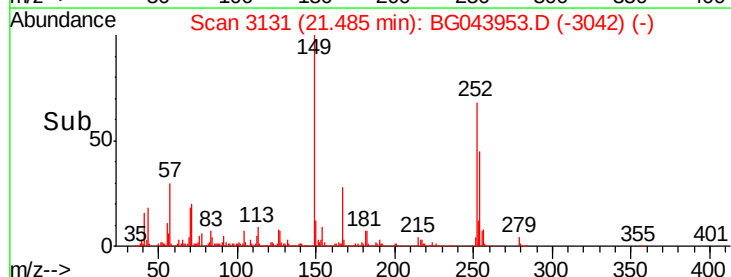
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	11.0	9.1	13.7



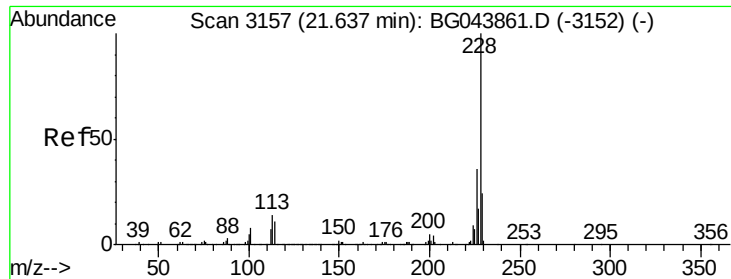
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 38.650 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

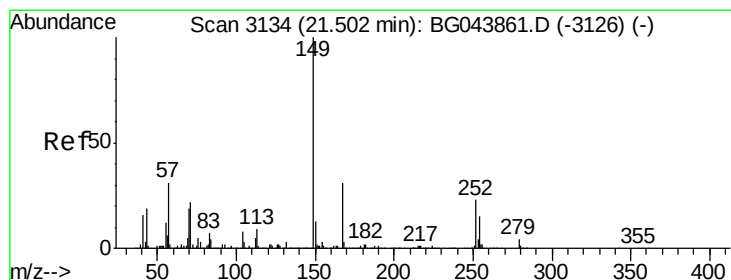
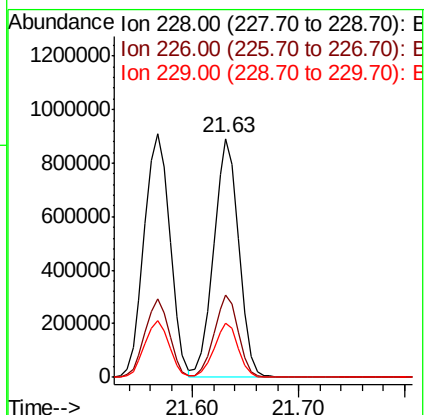
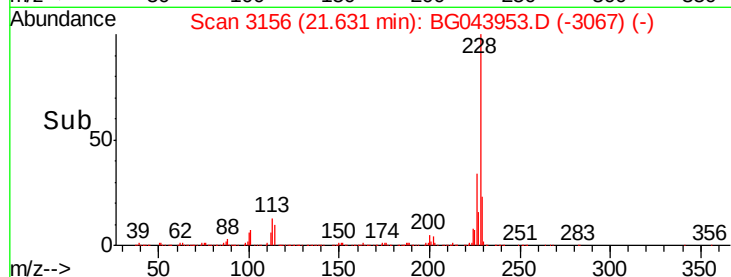
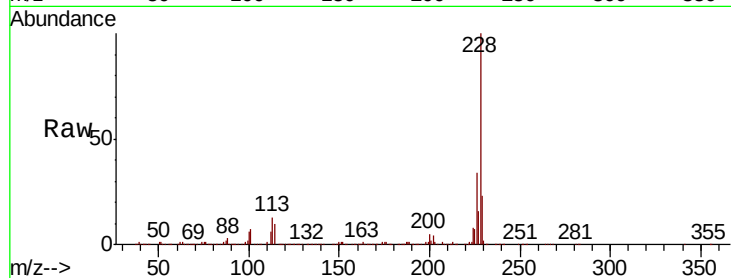
Tot Ion:228 Resp: 1478082

Ion Ratio Lower Upper

228 100

226 34.4 28.8 43.2

229 22.8 19.0 28.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.970 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

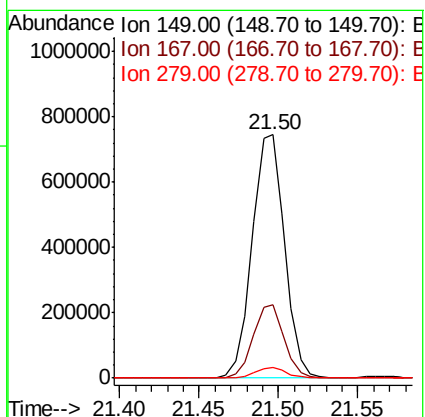
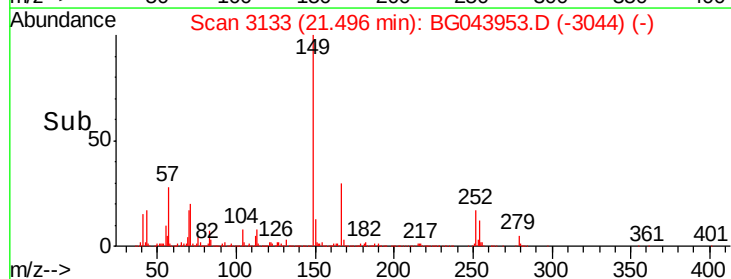
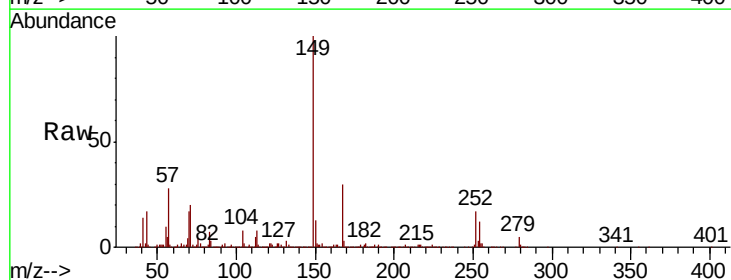
Tgt Ion:149 Resp: 1056787

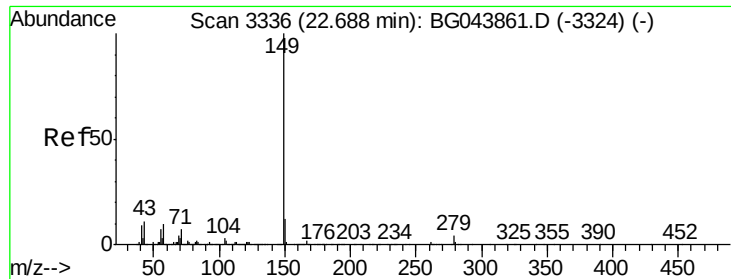
Ion Ratio Lower Upper

149 100

167 30.3 24.7 37.1

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.859 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampled :

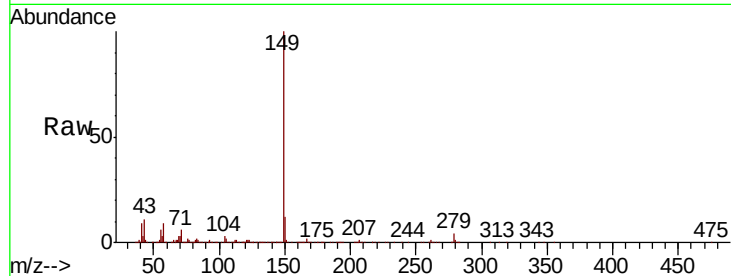
Tot Ion:149 Resp: 1818239

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

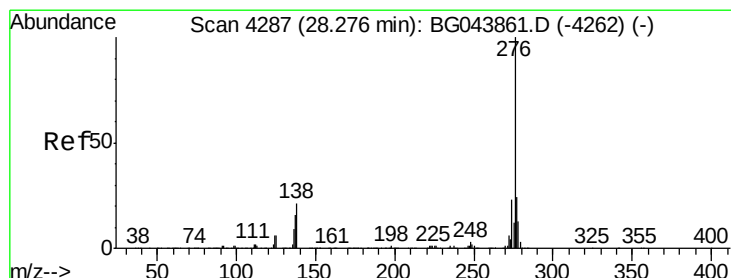
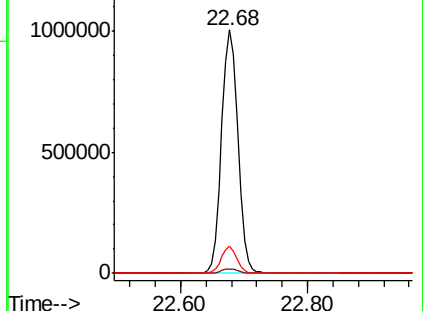
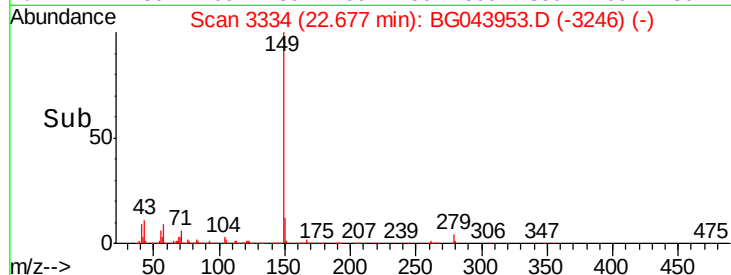
43 10.3 8.8 13.2



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: 35.188 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.02 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

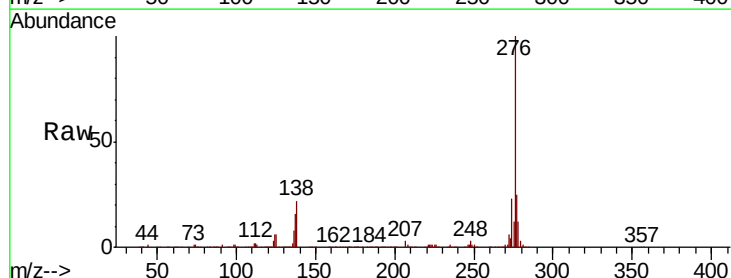
Tgt Ion:276 Resp: 1828805

Ion Ratio Lower Upper

276 100

138 17.1 21.0 31.4#

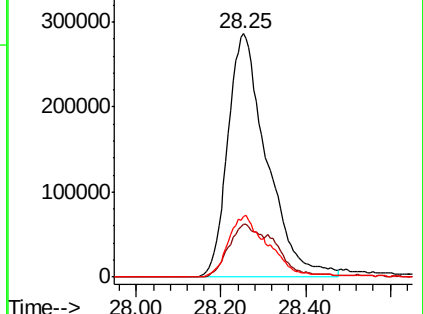
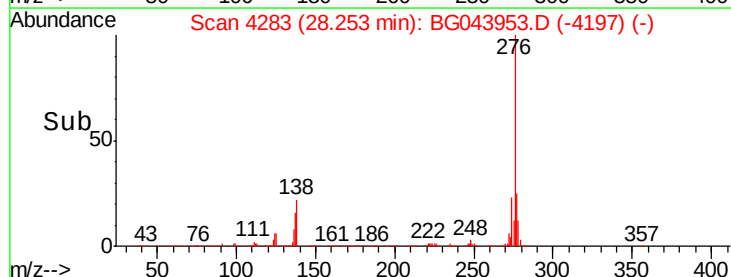
277 26.3 21.1 31.7

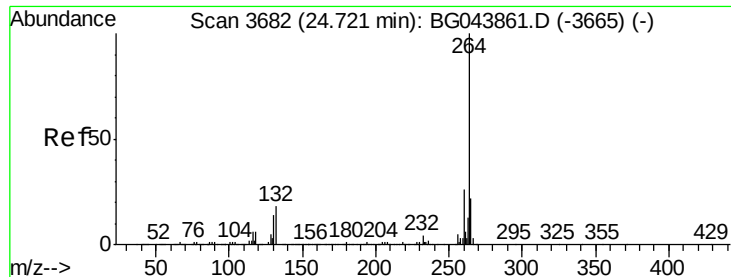


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

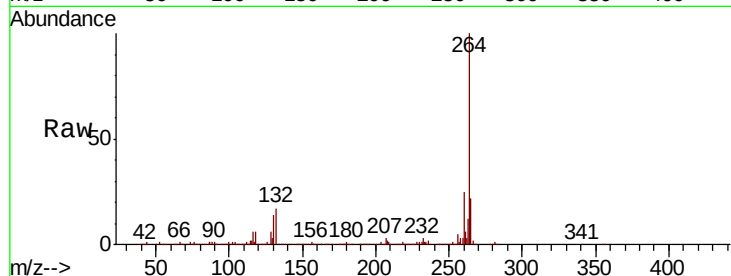
Tot Ion:264 Resp: 711066

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	22.2	17.4	26.2

264 100

260 24.7 20.4 30.6

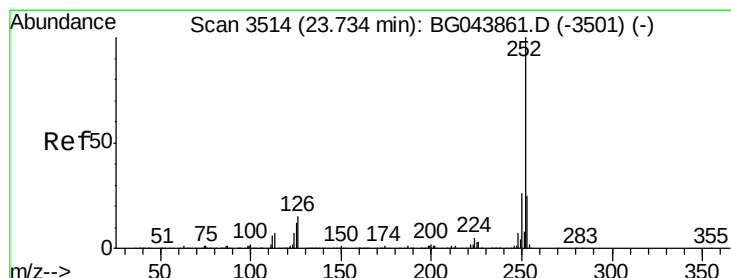
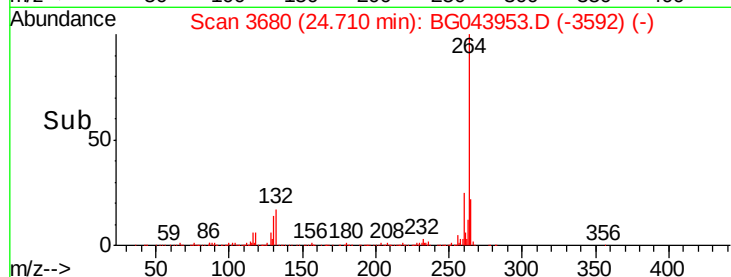
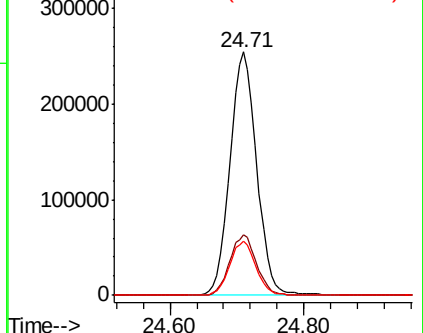
265 22.2 17.4 26.2



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: 39.216 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

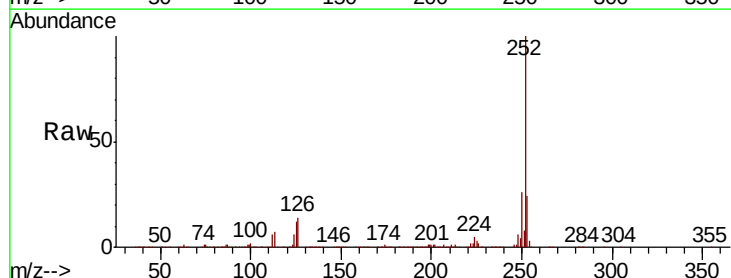
Tgt Ion:252 Resp: 1648482

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.7	29.5
125	11.8	9.4	14.2

252 100

253 23.6 19.7 29.5

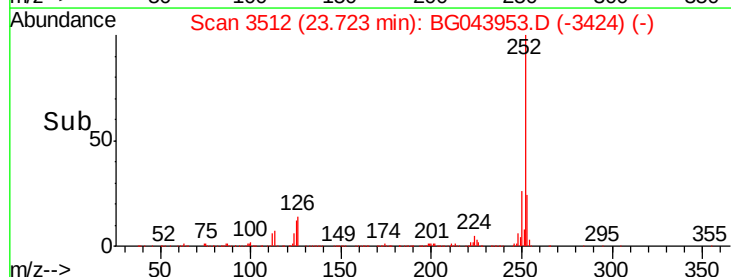
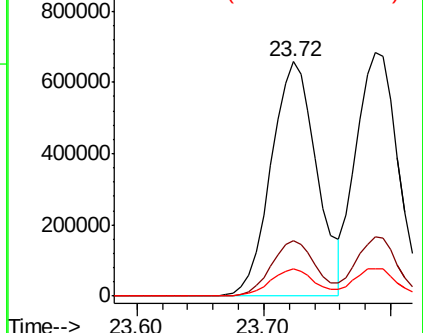
125 11.8 9.4 14.2

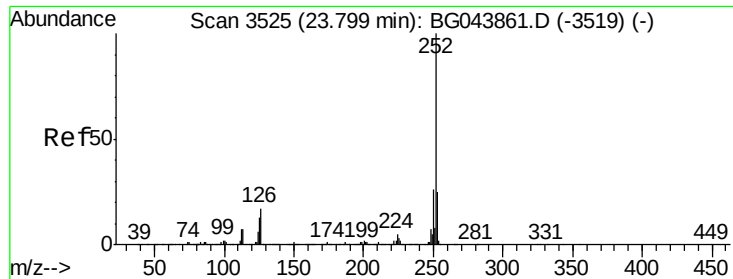


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.444 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

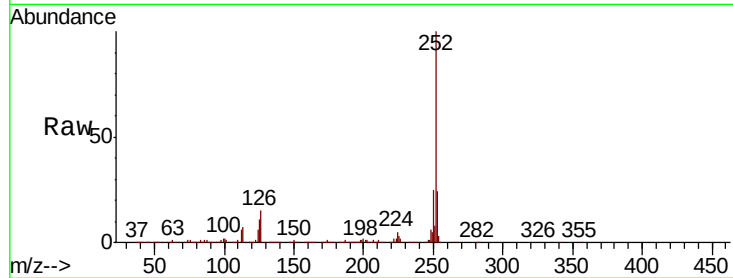
Tot Ion:252 Resp: 1576732

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

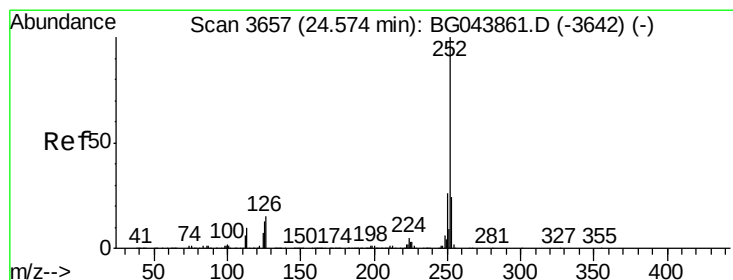
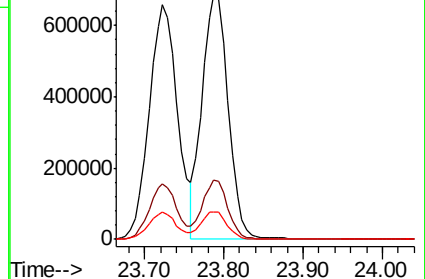
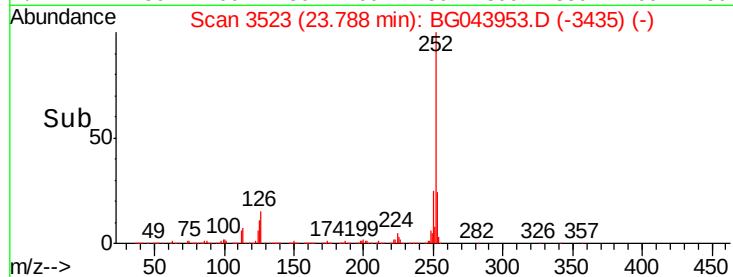
125 11.3 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.121 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

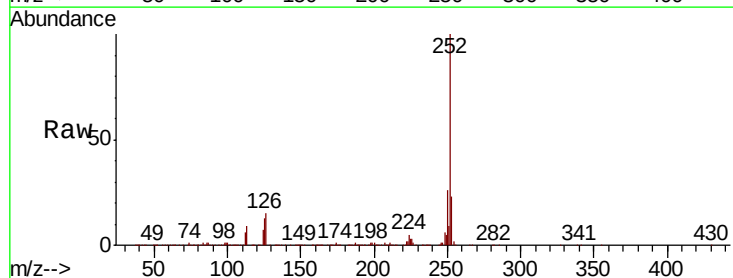
Tgt Ion:252 Resp: 1512471

Ion Ratio Lower Upper

252 100

253 23.4 19.3 28.9

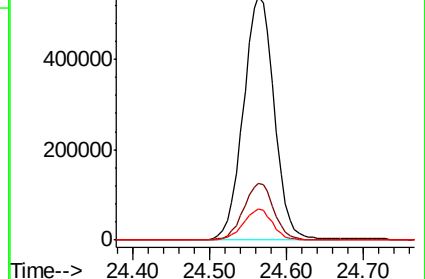
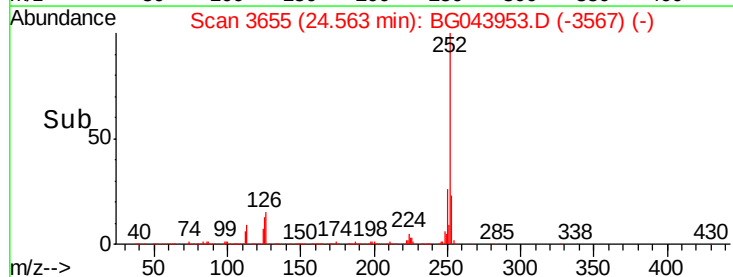
125 12.8 10.4 15.6

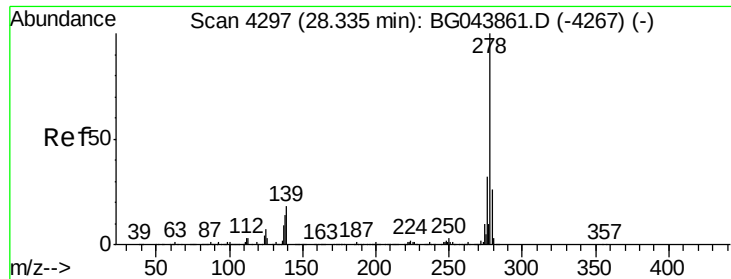


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

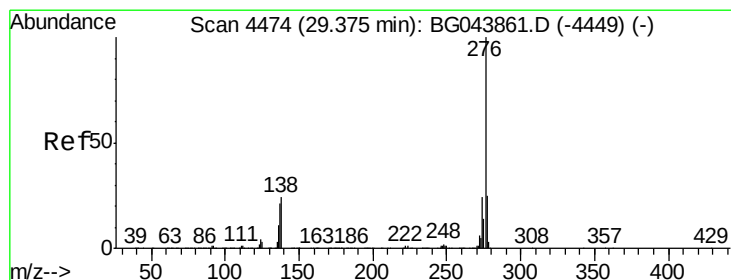
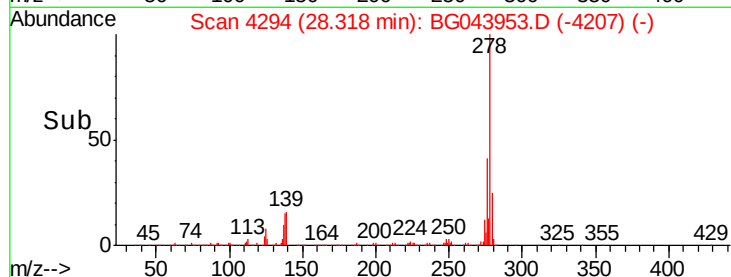
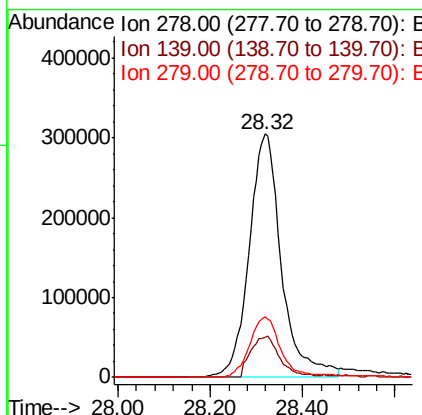
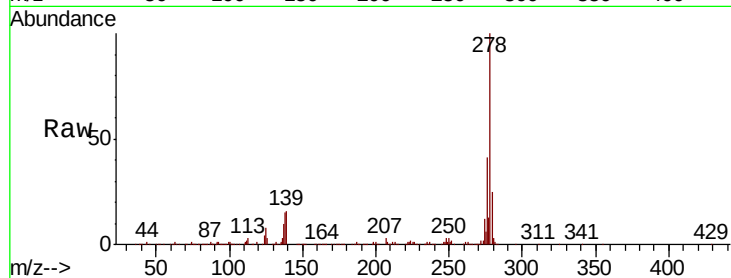




#91
Dibenzo(a,h)anthracene
Concen: 37.232 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1483537
Ion Ratio Lower Upper
278 100
139 16.4 14.2 21.4
279 24.9 20.6 30.8



#92
Benzo(g,h,i)perylene
Concen: 37.958 ng
RT: 29.35 min Scan# 4470
Delta R.T. -0.02 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:276 Resp: 1502333
Ion Ratio Lower Upper
276 100
277 24.6 20.2 30.4
138 22.4 19.0 28.6

