

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043725.D
 Acq On : 20 Nov 2019 13:19
 Operator : JU
 Sample : PB124969BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 00:34:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	37457	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	161633	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	119444	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	270067	20.00	ng	0.00
76) Chrysene-d12	21.64	240	278646	20.00	ng	0.00
87) Perylene-d12	24.81	264	300645	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	297251	145.42	ng	0.00
7) Phenol-d6	7.19	99	408358	138.85	ng	0.00
23) Nitrobenzene-d5	9.15	82	207965	66.33	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	254366	111.91	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	580868	67.20	ng	0.00
79) Terphenyl-d14	19.97	244	995254	67.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	22971	28.837	ng	92
3) Pyridine	3.85	79	66719	33.204	ng	98
4) n-Nitrosodimethylamine	3.76	42	48878	48.206	ng	90
6) Aniline	7.32	93	145123	42.836	ng	99
8) 2-Chlorophenol	7.57	128	119026	52.749	ng	96
9) Benzaldehyde	7.13	77	57939	40.087	ng	89
10) Phenol	7.21	94	144989	53.951	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	96391	46.391	ng	92
12) 1,3-Dichlorobenzene	7.88	146	116388	41.168	ng	96
13) 1,4-Dichlorobenzene	8.02	146	119591	41.810	ng	96
14) 1,2-Dichlorobenzene	8.34	146	119017	42.615	ng	96
15) Benzyl Alcohol	8.24	79	107853	52.218	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	134286	44.447	ng	97
17) 2-Methylphenol	8.45	107	102991	52.569	ng	97
18) Hexachloroethane	9.07	117	41032	39.760	ng	88
19) n-Nitroso-di-n-propylamine	8.79	70	87584	46.087	ng	95
20) 3+4-Methylphenols	8.79	107	137164	51.057	ng	96
22) Acetophenone	8.82	105	172514	41.678	ng	# 96
24) Nitrobenzene	9.20	77	133549	44.716	ng	98
25) Isophorone	9.72	82	252138	43.988	ng	98
26) 2-Nitrophenol	9.91	139	69006	47.858	ng	92
27) 2,4-Dimethylphenol	9.98	122	114891	55.594	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	135549	42.847	ng	98
29) 2,4-Dichlorophenol	10.46	162	129364	48.855	ng	93
30) 1,2,4-Trichlorobenzene	10.66	180	138748	41.575	ng	98
31) Naphthalene	10.84	128	366607	44.684	ng	99
32) Benzoic acid	10.19	122	61566	40.709	ng	94
33) 4-Chloroaniline	10.97	127	79481	23.633	ng	95
34) Hexachlorobutadiene	11.13	225	96599	39.156	ng	92
35) Caprolactam	11.75	113	20357	22.323	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	137950	47.762	ng	97
37) 2-Methylnaphthalene	12.45	142	282865	44.934	ng	100
38) 1-Methylnaphthalene	12.67	142	265311	44.295	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	180537	40.841	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	192110	82.732	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	115197	44.251	ng	97
44) 2,4,5-Trichlorophenol	13.15	196	129830	49.331	ng	98
46) 1,1'-Biphenyl	13.46	154	378656	41.672	ng	98
47) 2-Chloronaphthalene	13.50	162	296718	42.917	ng	97
48) 2-Nitroaniline	13.71	65	90532	43.812	ng	98
49) Acenaphthylene	14.35	152	482508	44.842	ng	99
50) Dimethylphthalate	14.08	163	394840	42.677	ng	99
51) 2,6-Dinitrotoluene	14.20	165	91008	45.279	ng	93
52) Acenaphthene	14.69	154	287945	43.881	ng	99
53) 3-Nitroaniline	14.54	138	64492	33.234	ng	99
54) 2,4-Dinitrophenol	14.75	184	99759	79.530	ng	95
55) Dibenzofuran	15.02	168	467568	43.939	ng	100
56) 4-Nitrophenol	14.88	139	117108	90.054	ng	87
57) 2,4-Dinitrotoluene	14.99	165	123915	43.140	ng	95
58) Fluorene	15.67	166	392578	43.986	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	127593	45.631	ng	# 98
60) Diethylphthalate	15.44	149	389292	41.877	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	224557	43.129	ng	96
62) 4-Nitroaniline	15.71	138	82233	41.033	ng	99
63) Azobenzene	15.95	77	332720	44.224	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	78246	49.231	ng	98
66) n-Nitrosodiphenylamine	15.88	169	345274	45.284	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	158743	43.677	ng	98
68) Hexachlorobenzene	16.68	284	174476	41.821	ng	98
69) Atrazine	16.82	200	137565	51.923	ng	98
70) Pentachlorophenol	17.03	266	176223	92.700	ng	98
71) Phenanthrene	17.41	178	603072	43.608	ng	99
72) Anthracene	17.50	178	621347	44.906	ng	100
73) Carbazole	17.78	167	531446	42.414	ng	98
74) Di-n-butylphthalate	18.32	149	630559	41.475	ng	100
75) Fluoranthene	19.42	202	749202	41.555	ng	98
77) Benzidine	19.60	184	142407	25.394	ng	97
78) Pyrene	19.78	202	754372	43.737	ng	99
80) Butylbenzylphthalate	20.66	149	282790	43.276	ng	99
81) Benzo(a)anthracene	21.61	228	773318	44.306	ng	99
82) 3,3'-Dichlorobenzidine	21.53	252	270961	40.137	ng	97
83) Chrysene	21.68	228	741882	42.779	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	418482	45.083	ng	98
85) Di-n-octyl phthalate	22.70	149	710718	45.130	ng	98
86) Indeno(1,2,3-cd)pyrene	28.44	276	970488	44.582	ng	99
88) Benzo(b)fluoranthene	23.81	252	826504	48.539	ng	98
89) Benzo(k)fluoranthene	23.87	252	801767	46.773	ng	99
90) Benzo(a)pyrene	24.66	252	756440	46.521	ng	98
91) Dibenzo(a,h)anthracene	28.49	278	820346	49.324	ng	98
92) Benzo(g,h,i)perylene	29.58	276	816165	49.749	ng	97

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

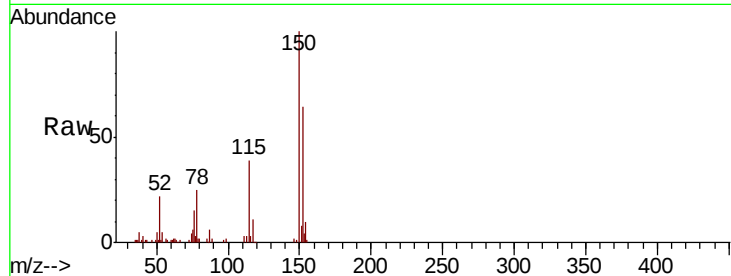


#1

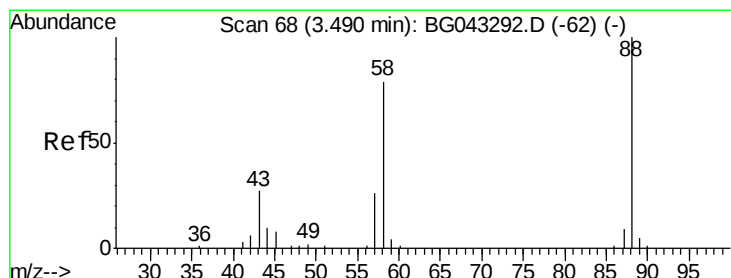
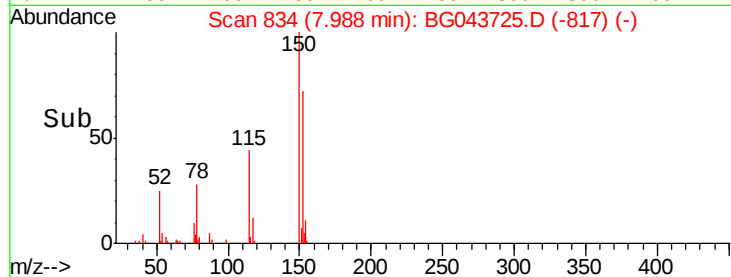
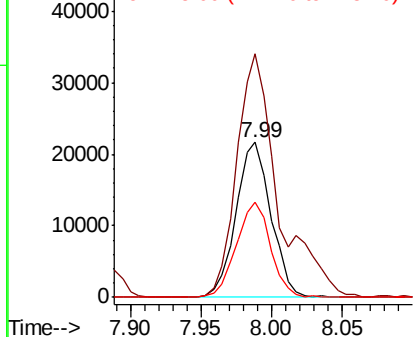
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37457
Ion Ratio Lower Upper
152 100
150 157.2 116.6 175.0
115 61.2 40.5 60.7#



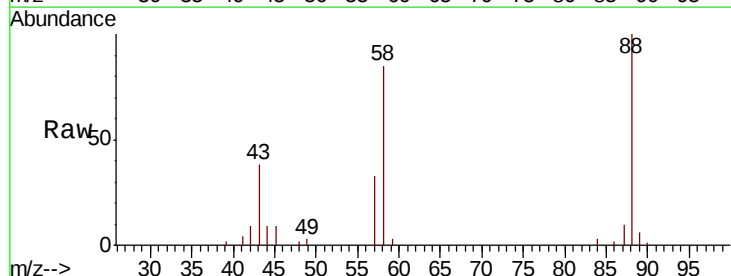
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



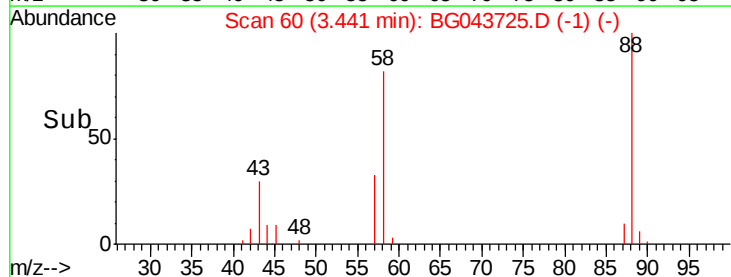
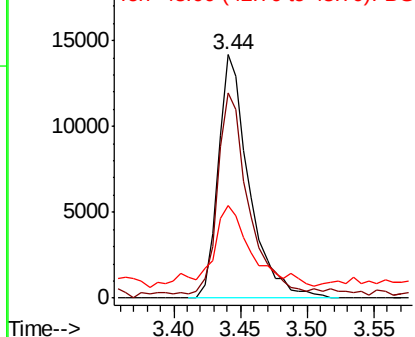
#2

1,4-Dioxane
Concen: 28.837 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion: 88 Resp: 22971
Ion Ratio Lower Upper
88 100
58 83.5 62.2 93.4
43 44.9 30.1 45.1



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: 33.204 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

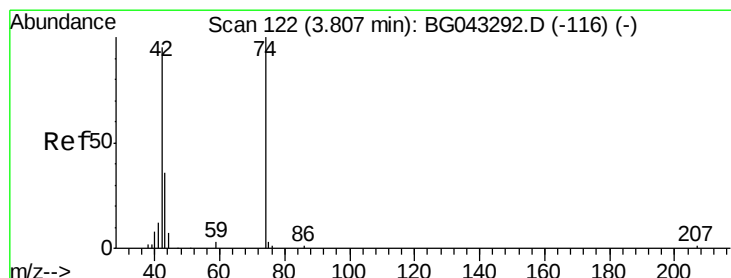
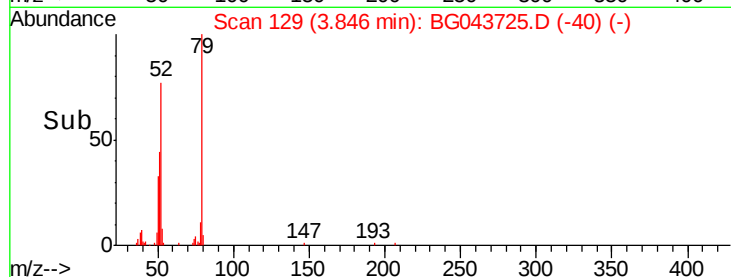
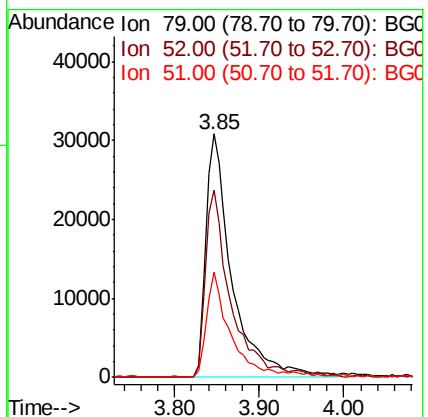
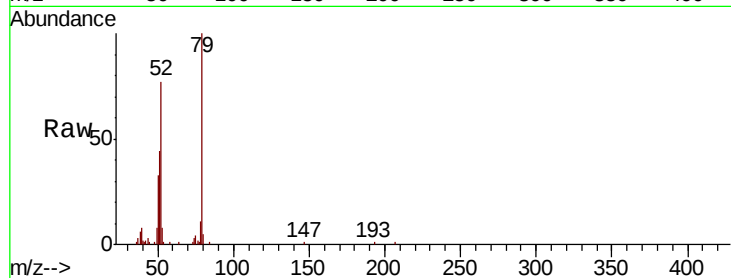
Tot Ion: 79 Resp: 66719

Ion Ratio Lower Upper

79 100

52 77.1 63.2 94.8

51 43.5 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 48.206 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

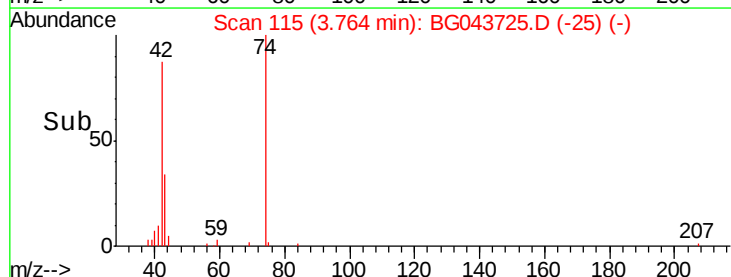
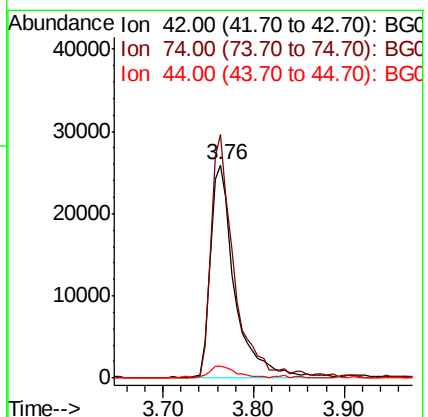
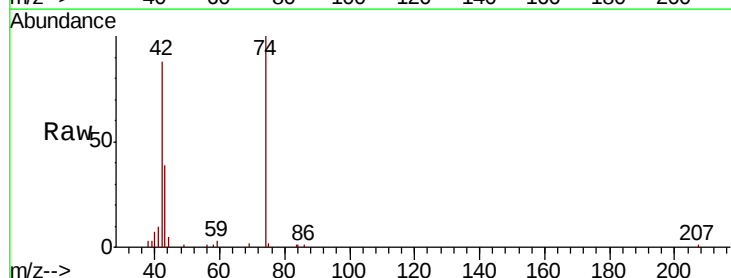
Tgt Ion: 42 Resp: 48878

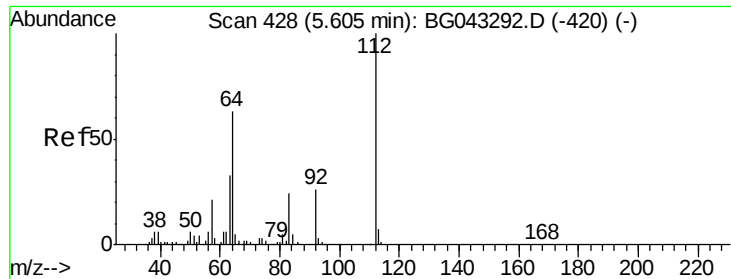
Ion Ratio Lower Upper

42 100

74 114.1 83.0 124.6

44 5.3 4.4 6.6





#5

2-Fluorophenol

Concen: 145.419 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

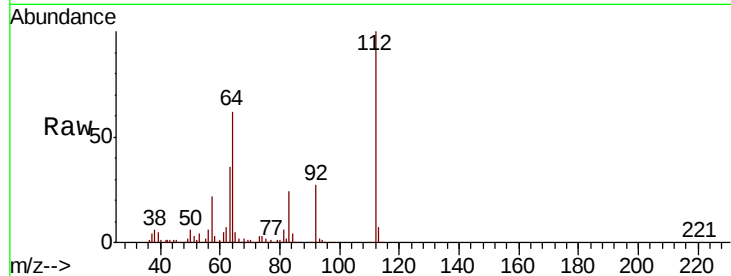
Tot Ion:112 Resp: 297251

Ion Ratio Lower Upper

112 100

64 61.8 50.6 75.8

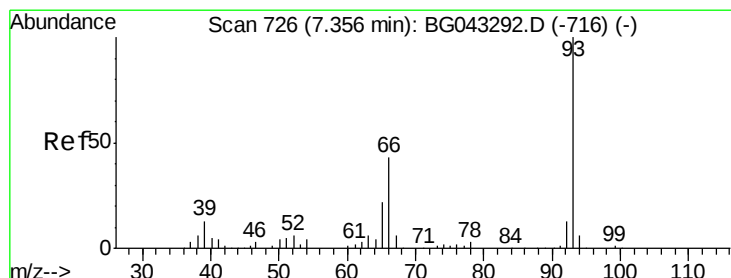
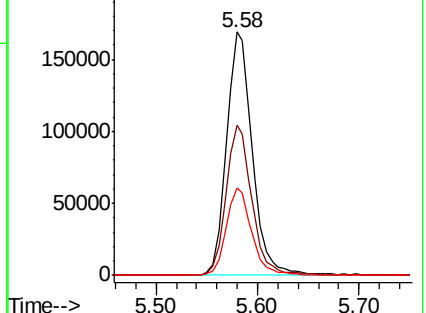
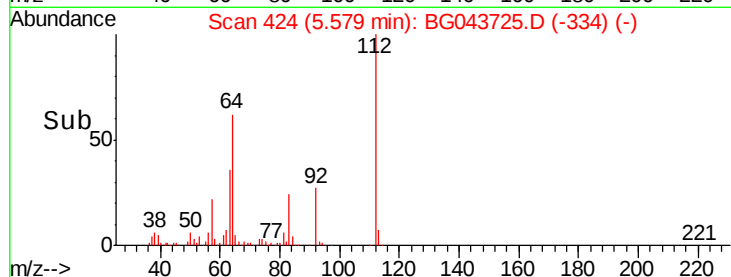
63 35.8 30.5 45.7



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: 42.836 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

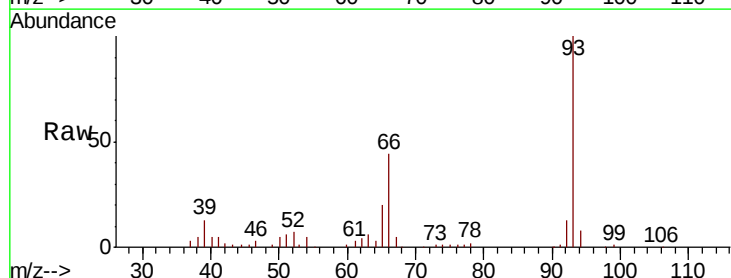
Tgt Ion: 93 Resp: 145123

Ion Ratio Lower Upper

93 100

66 44.1 35.4 53.2

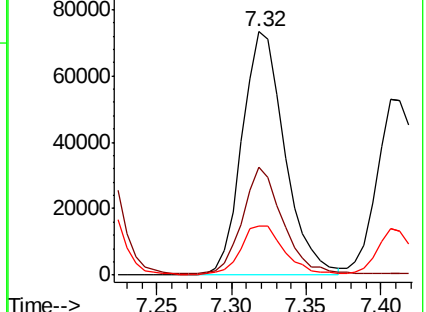
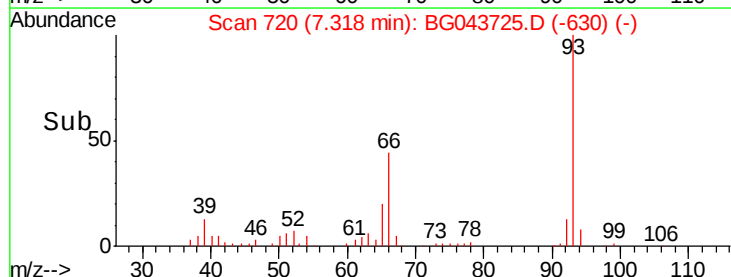
65 20.2 17.1 25.7

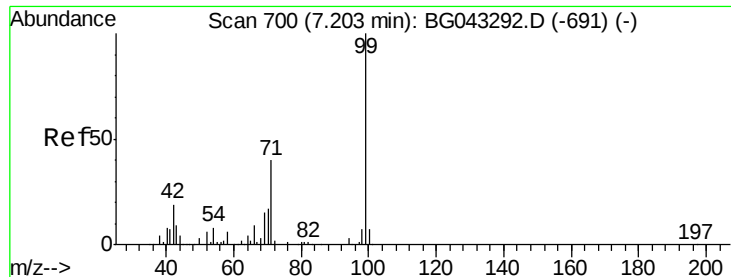


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.851 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampled :

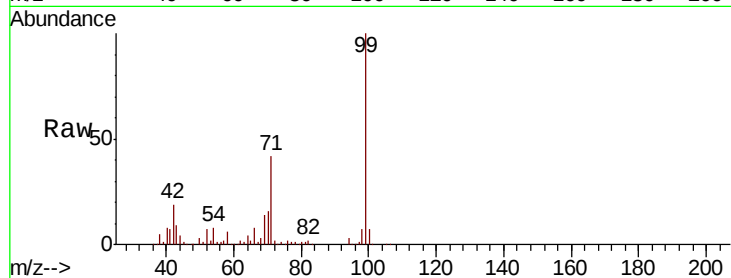
Tot Ion: 99 Resp: 408358

Ion Ratio Lower Upper

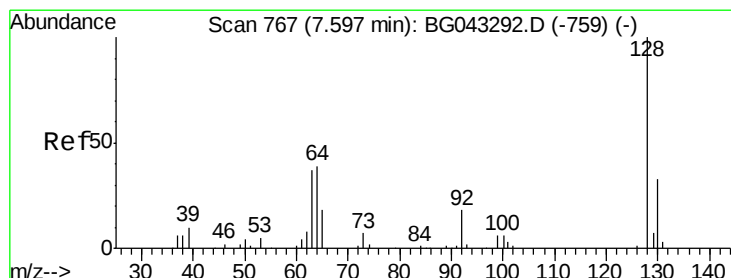
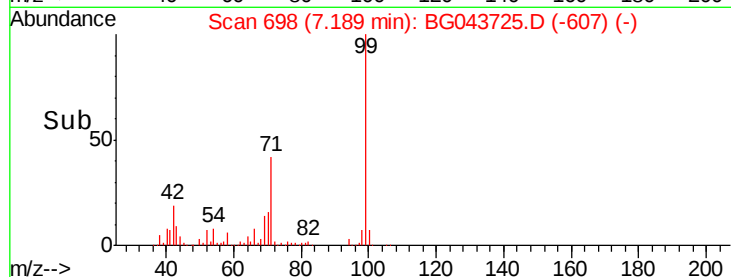
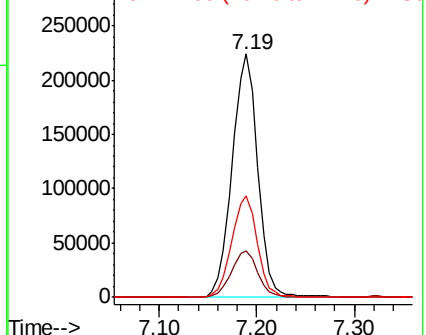
99 100

42 19.2 15.8 23.8

71 41.6 34.4 51.6



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: 52.749 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

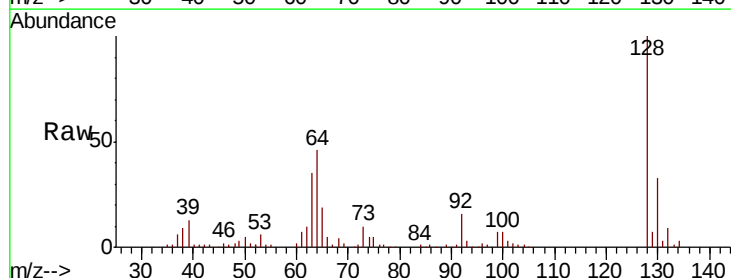
Tgt Ion: 128 Resp: 119026

Ion Ratio Lower Upper

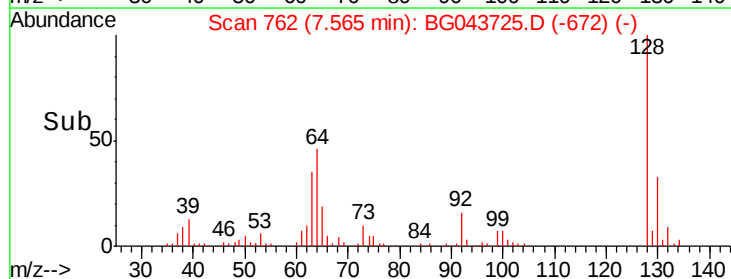
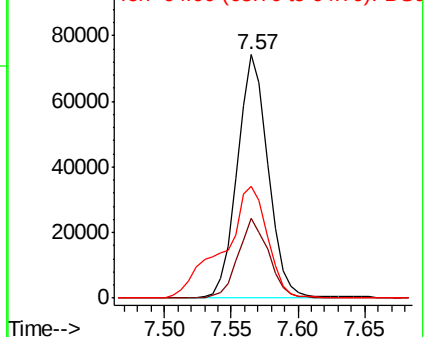
128 100

130 32.6 14.5 54.5

64 45.7 29.2 69.2



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: 40.087 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

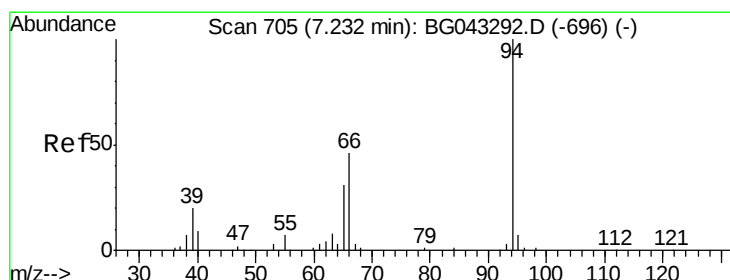
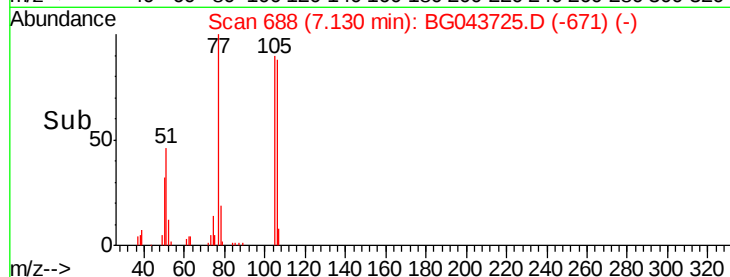
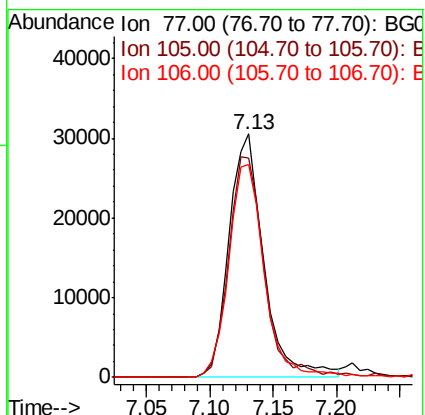
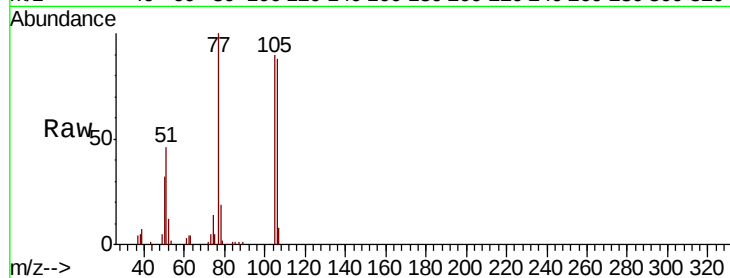
Tot Ion: 77 Resp: 57939

Ion Ratio Lower Upper

77 100

105 90.1 84.9 124.9

106 87.6 75.1 115.1



#10

Phenol

Concen: 53.951 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

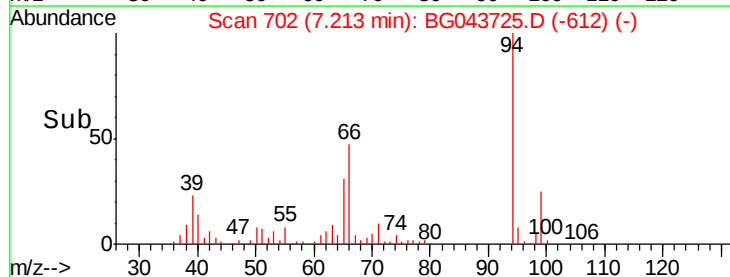
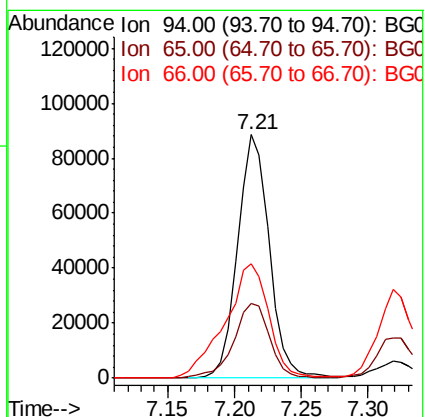
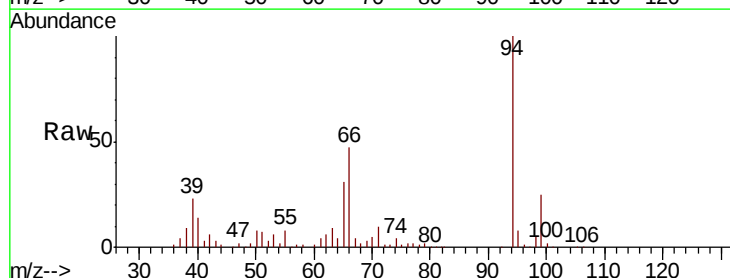
Tgt Ion: 94 Resp: 144989

Ion Ratio Lower Upper

94 100

65 30.6 11.4 51.4

66 47.1 28.4 68.4

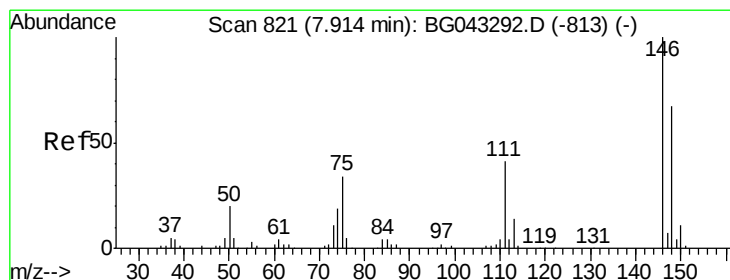
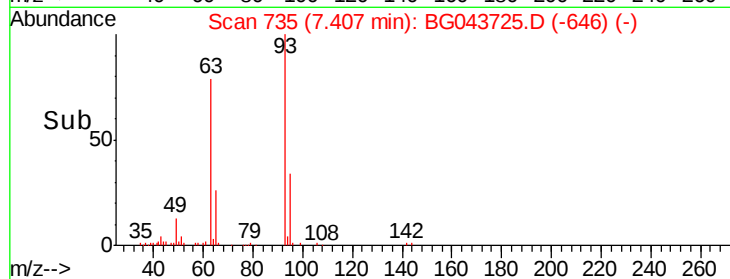
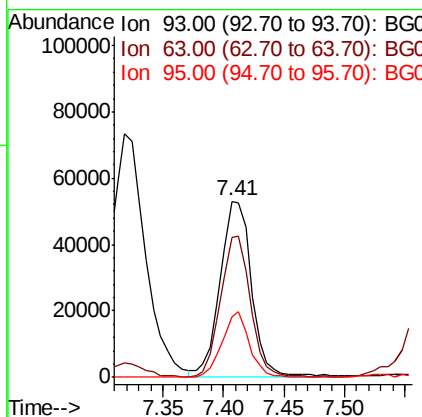
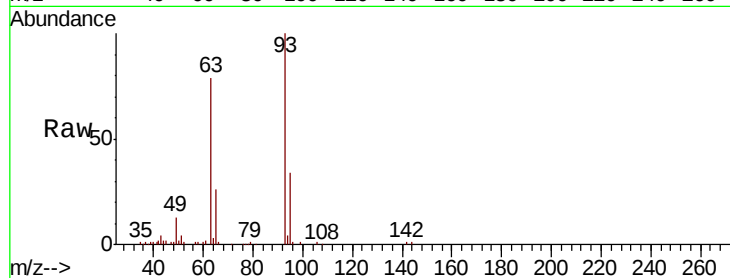




#11
 bis(2-Chloroethyl)ether
 Concen: 46.391 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

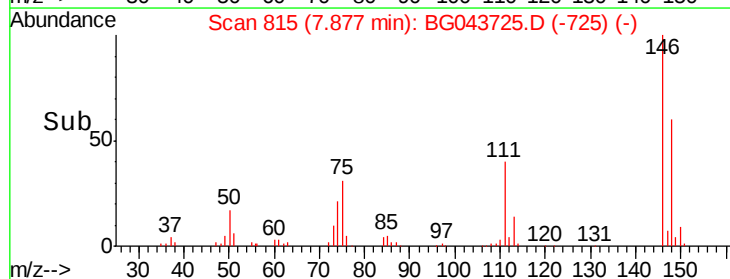
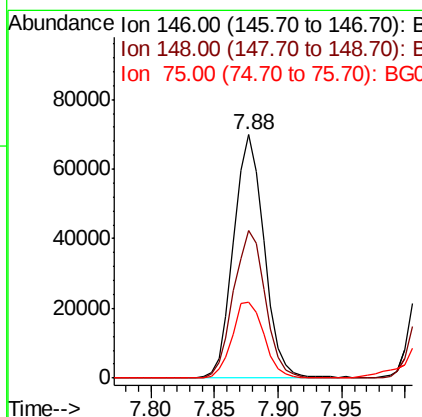
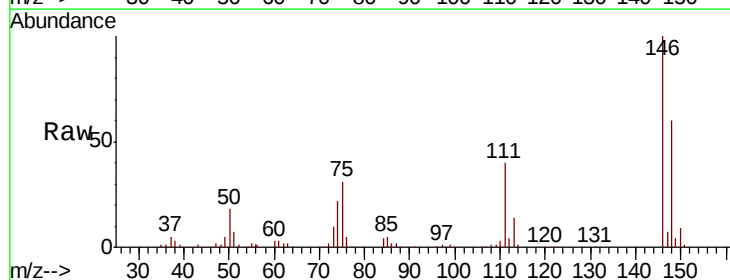
Instrument :
 BNA_G
 ClientSampleId :

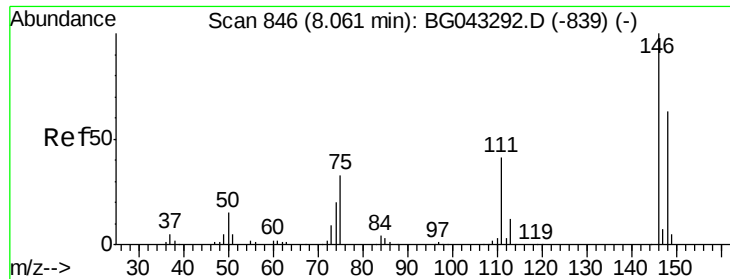
Tot Ion: 93 Resp: 96391
 Ion Ratio Lower Upper
 93 100
 63 79.4 54.9 94.9
 95 34.5 7.2 47.2



#12
 1,3-Dichlorobenzene
 Concen: 41.168 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion: 146 Resp: 116388
 Ion Ratio Lower Upper
 146 100
 148 60.4 51.4 77.2
 75 31.4 26.2 39.2

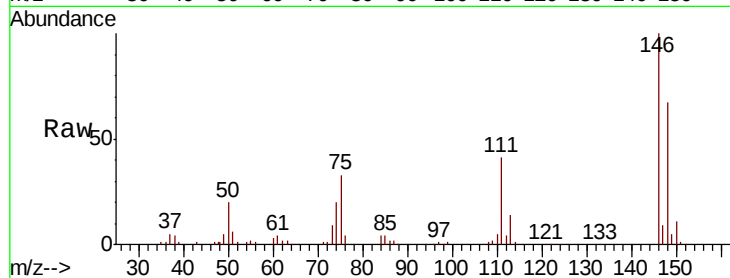




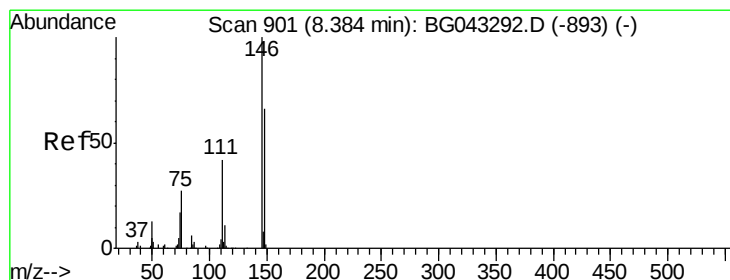
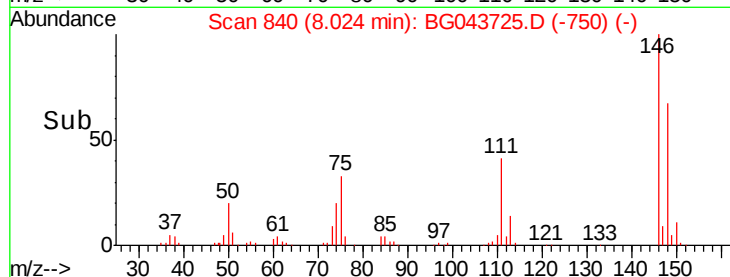
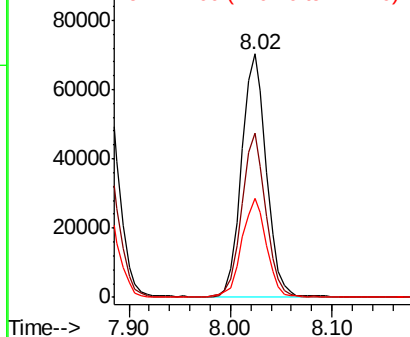
#13
 1,4-Dichlorobenzene
 Concen: 41.810 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 119591
 Ion Ratio Lower Upper
 146 100
 148 67.3 51.0 76.6
 111 40.7 34.3 51.5

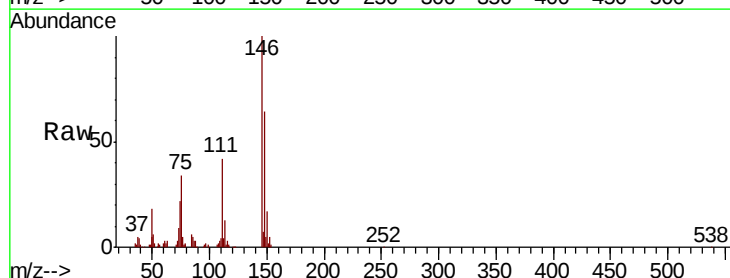


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

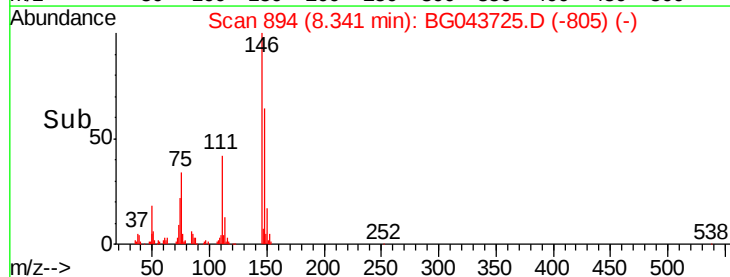
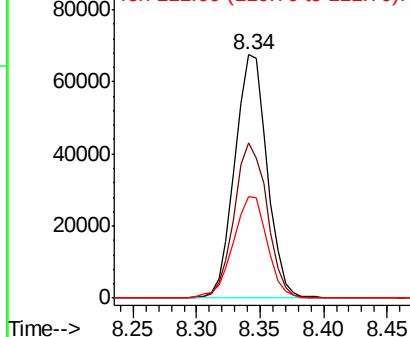


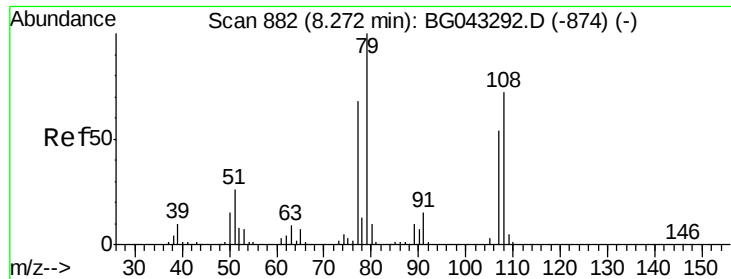
#14
 1,2-Dichlorobenzene
 Concen: 42.615 ng
 RT: 8.34 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion:146 Resp: 119017
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.4 80.2
 111 41.8 35.3 52.9



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





#15

Benzyl Alcohol

Concen: 52.218 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampled :

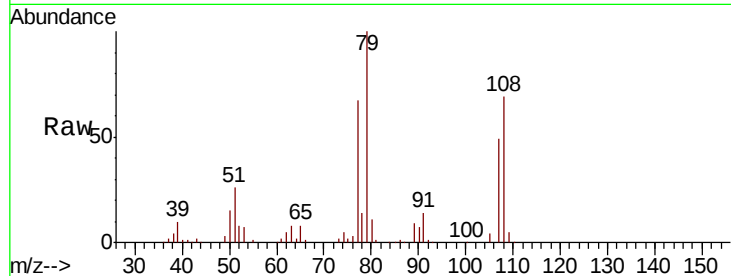
Tot Ion: 79 Resp: 107853

Ion Ratio Lower Upper

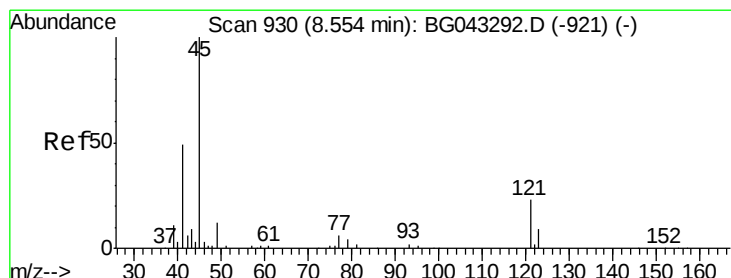
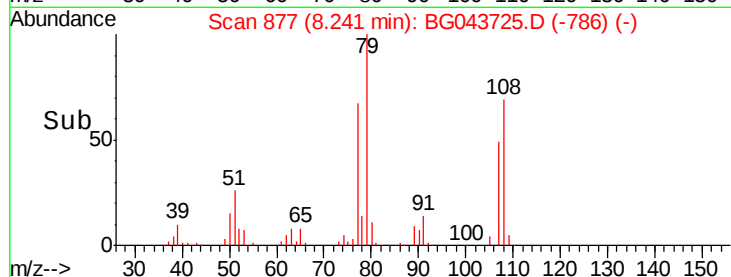
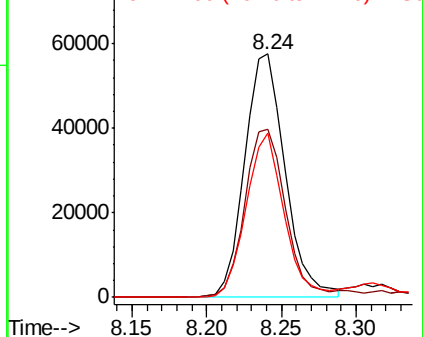
79 100

108 68.9 56.0 84.0

77 67.3 47.9 71.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.447 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

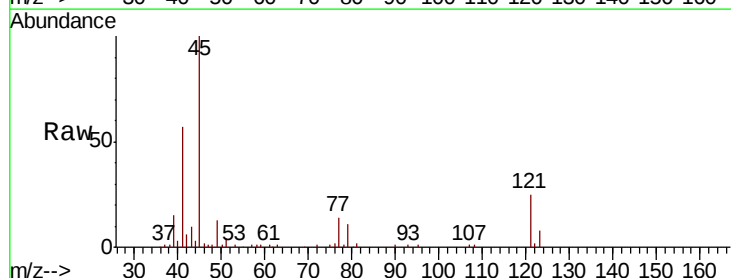
Tgt Ion: 45 Resp: 134286

Ion Ratio Lower Upper

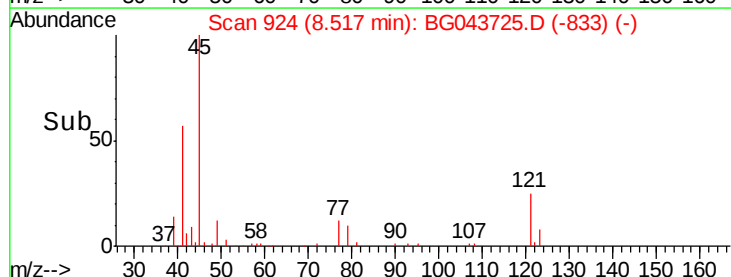
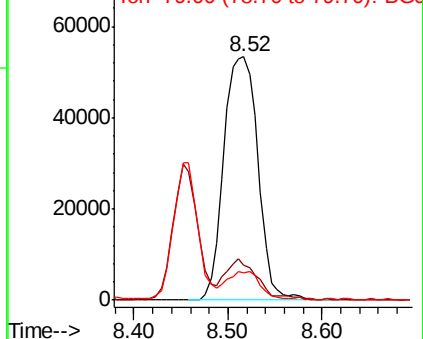
45 100

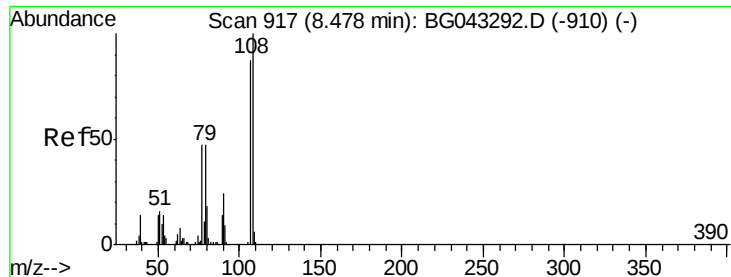
77 14.3 0.0 35.2

79 11.2 0.0 32.4



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





#17

2-Methylphenol

Concen: 52.569 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 102991

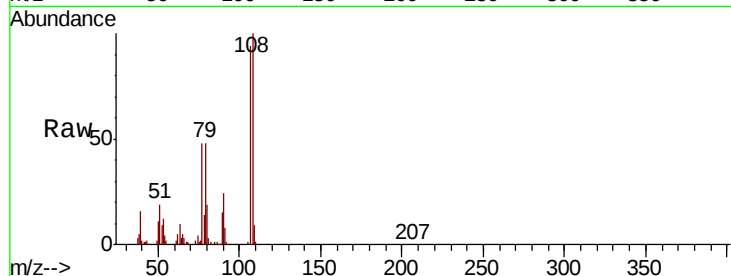
Ion Ratio Lower Upper

107 100

108 106.1 84.7 127.1

77 50.9 46.2 69.4

79 51.2 41.0 61.6

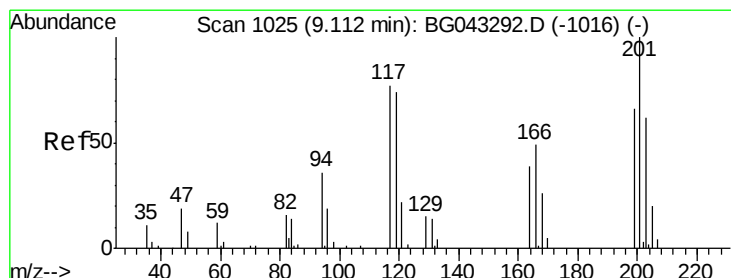
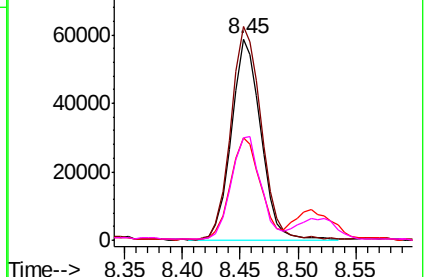
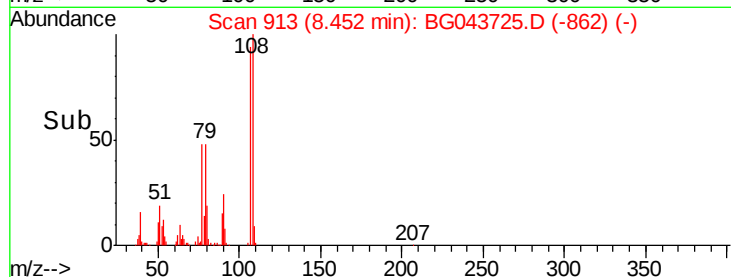


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.760 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

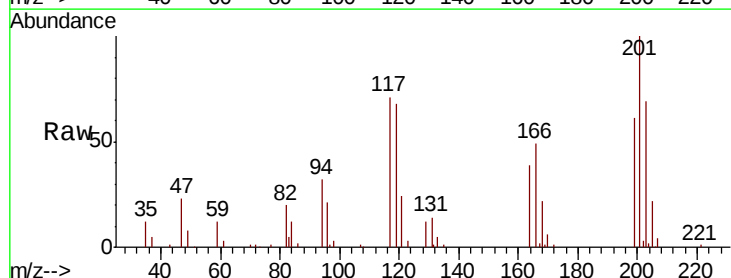
Tgt Ion:117 Resp: 41032

Ion Ratio Lower Upper

117 100

119 94.5 81.7 122.5

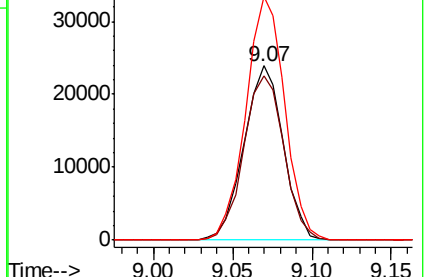
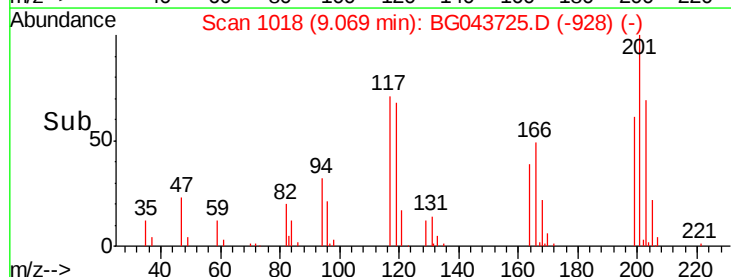
201 139.9 98.6 147.8

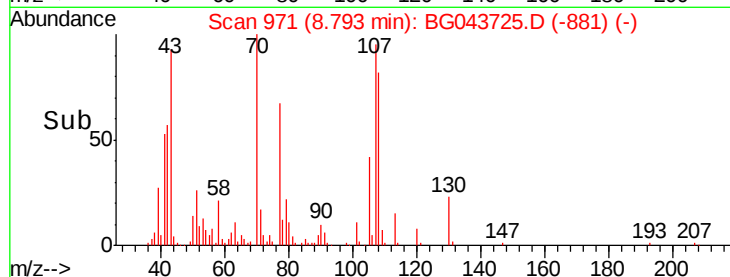
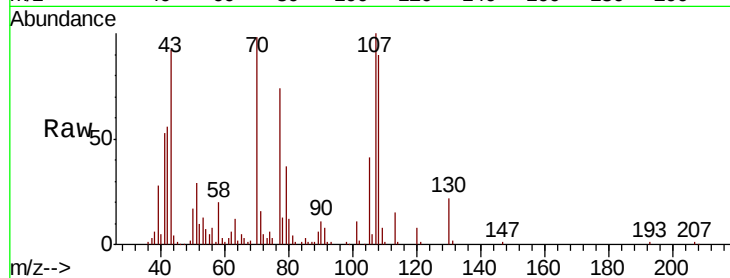
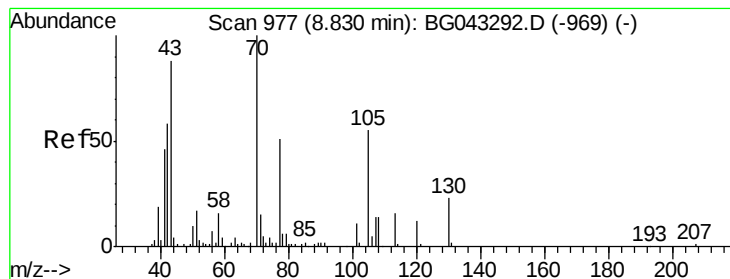


Abundance Ion 117.00 (116.70 to 117.70): E

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: 46.087 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 87584

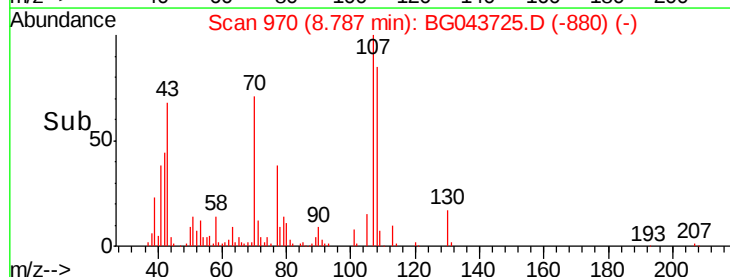
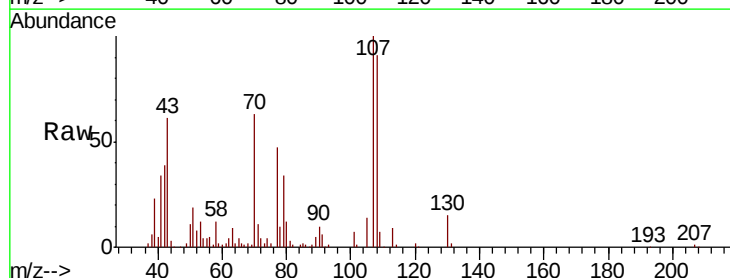
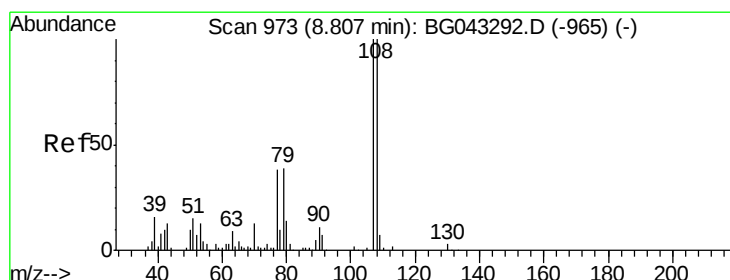
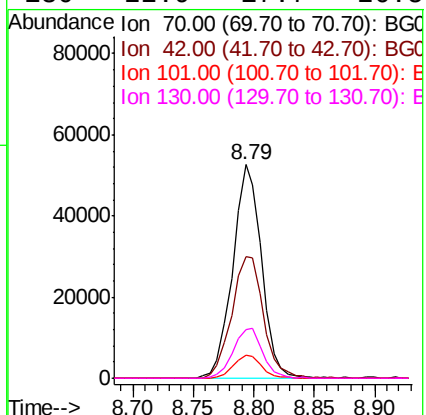
Ion Ratio Lower Upper

70 100

42 56.7 49.7 74.5

101 10.9 9.7 14.5

130 22.9 17.7 26.5



#20

3+4-Methylphenols

Concen: 51.057 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Tgt Ion:107 Resp: 137164

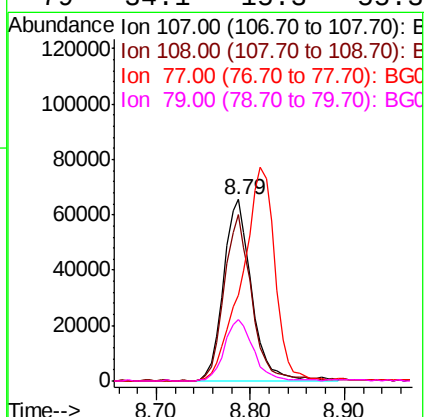
Ion Ratio Lower Upper

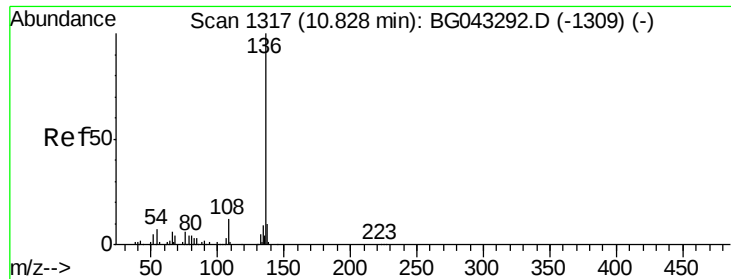
107 100

108 91.4 69.5 109.5

77 47.1 32.8 72.8

79 34.1 15.3 55.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 161633

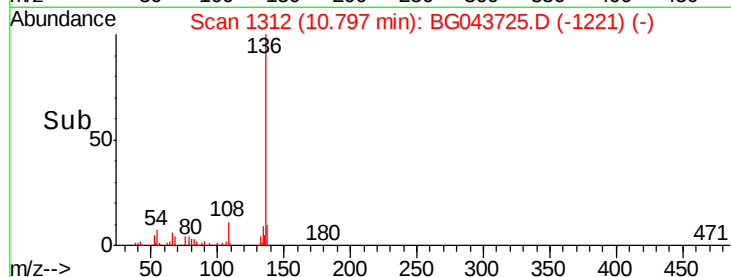
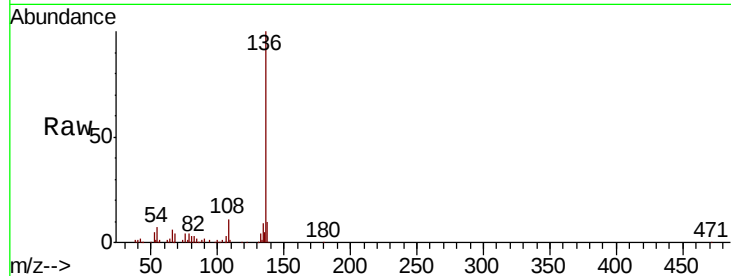
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.6 6.2 9.2

68 3.6 3.4 5.0

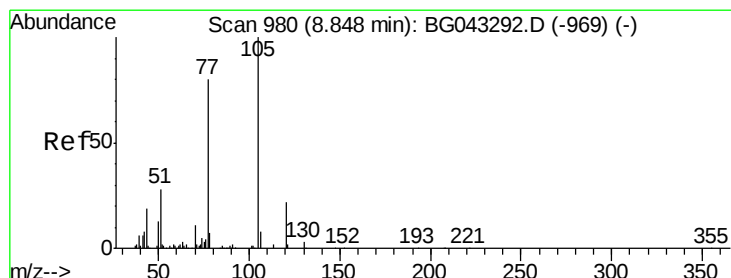
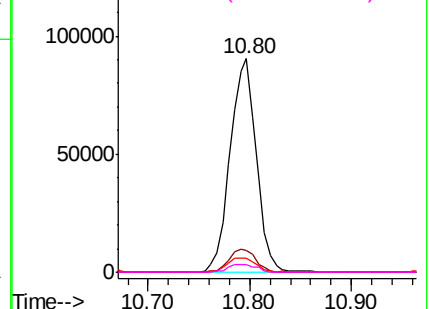


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.678 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Tgt Ion:105 Resp: 172514

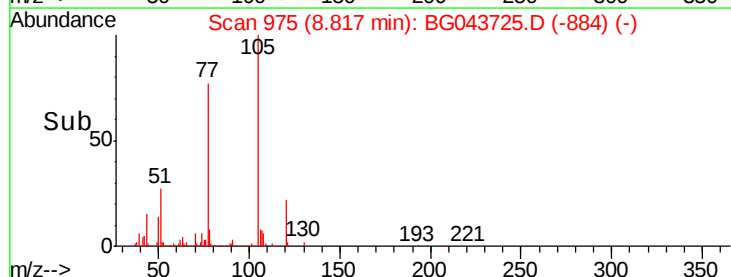
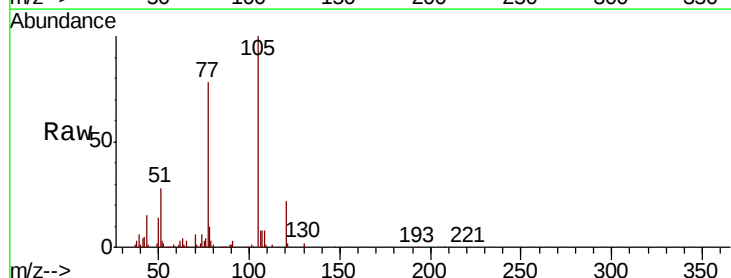
Ion Ratio Lower Upper

105 100

71 1.3 1.5 2.3#

51 28.2 25.0 37.6

120 22.4 18.3 27.5

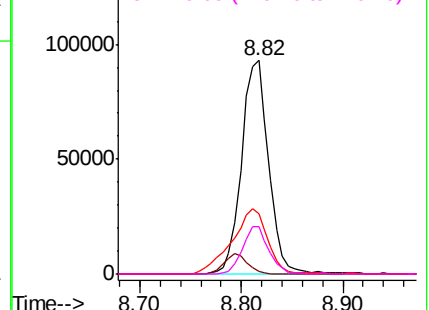


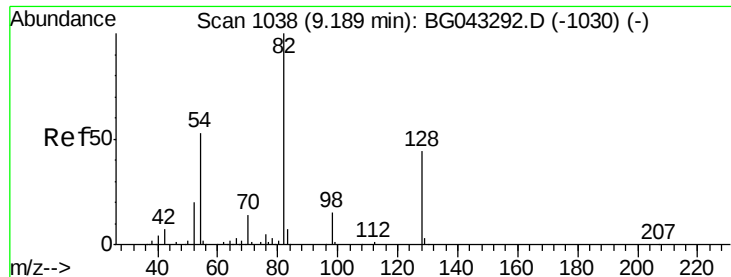
Abundance Ion 105.00 (104.70 to 105.70): E

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

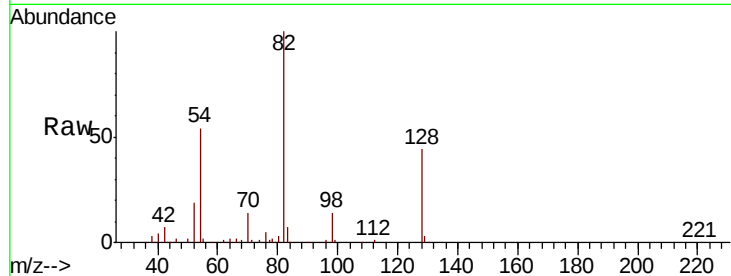




#23
 Nitrobenzene-d5
 Concen: 66.333 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	207965
Ion Ratio	100	Lower	Upper
128	43.8	34.2	51.4
54	53.6	44.7	67.1

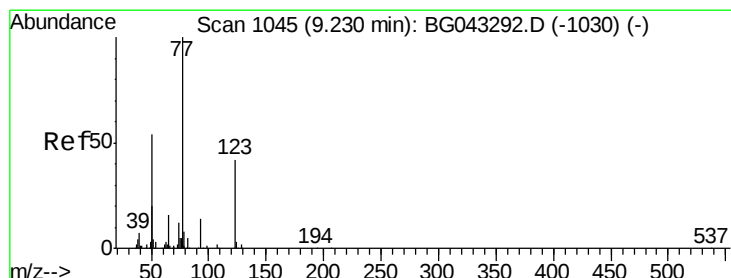
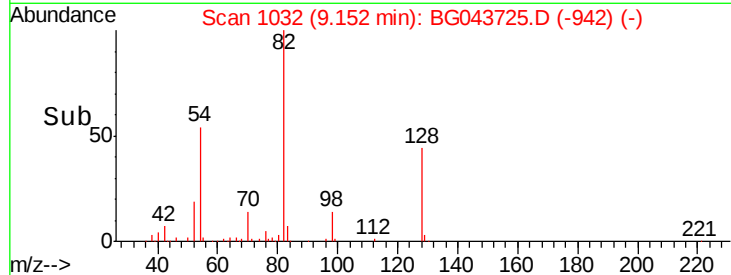
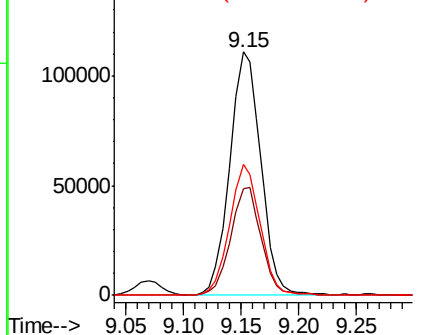


Abundance

Ion 82.00 (81.70 to 82.70): BGC

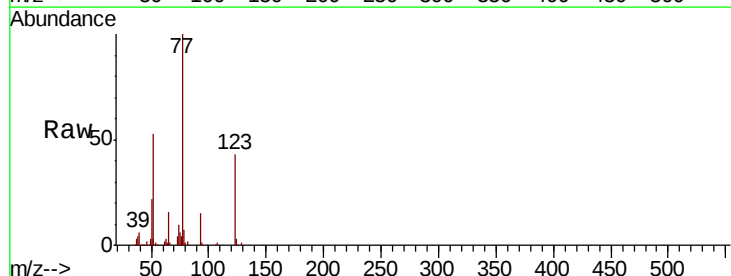
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 44.716 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion	77	Resp	133549
Ion Ratio	100	Lower	Upper
123	43.2	33.6	50.4
65	15.7	12.9	19.3

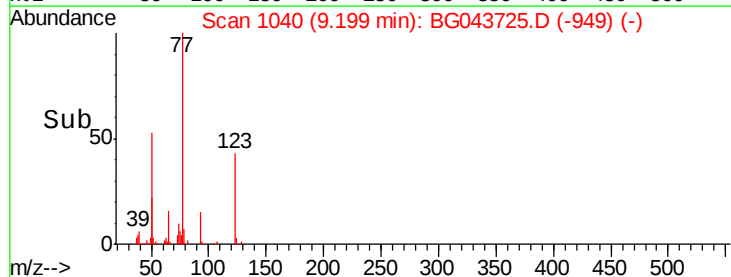
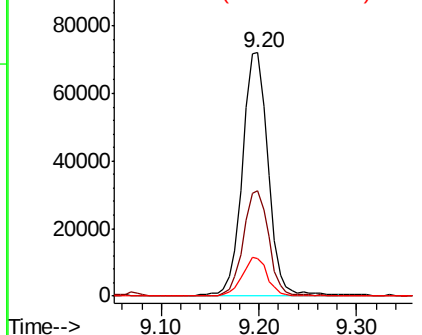


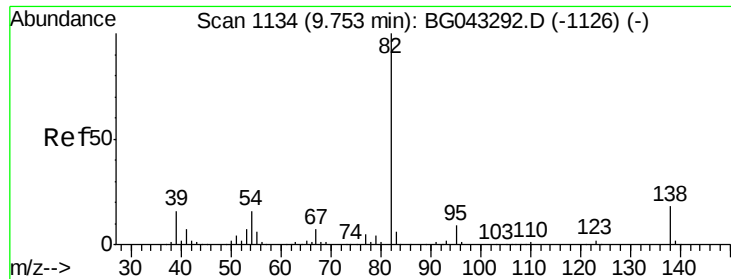
Abundance

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: 43.988 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

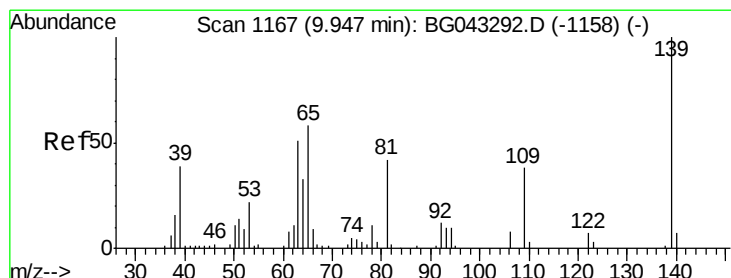
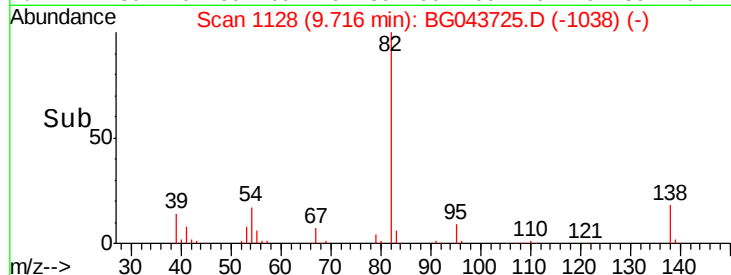
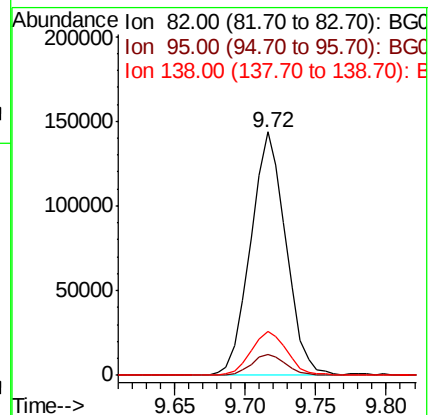
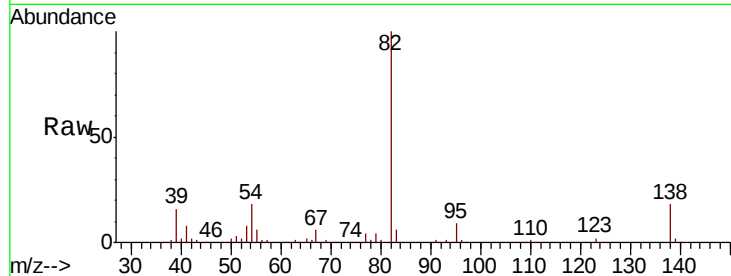
Tot Ion: 82 Resp: 252138

Ion Ratio Lower Upper

82 100

95 8.7 7.4 11.0

138 17.8 15.1 22.7



#26

2-Nitrophenol

Concen: 47.858 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

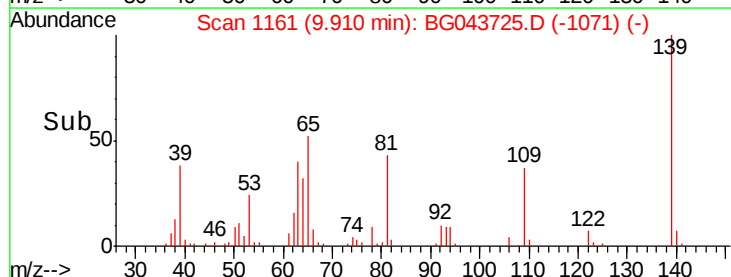
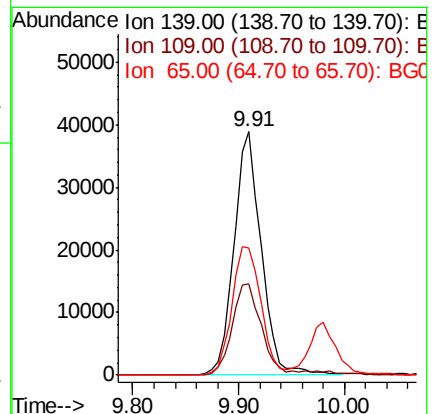
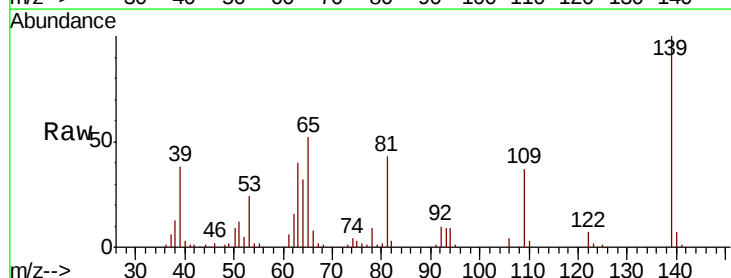
Tgt Ion: 139 Resp: 69006

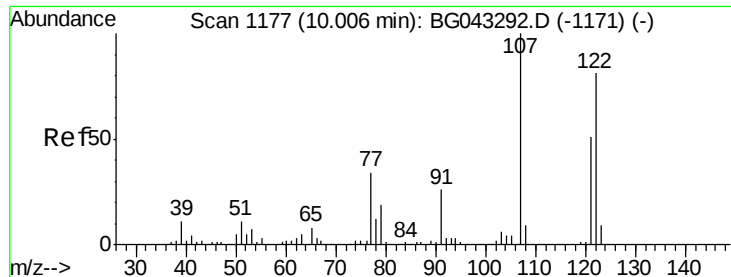
Ion Ratio Lower Upper

139 100

109 37.2 32.6 48.8

65 52.3 47.6 71.4

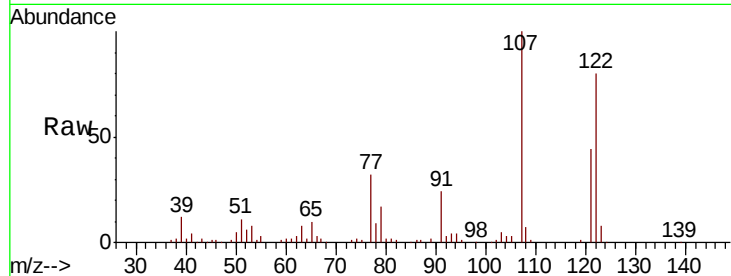




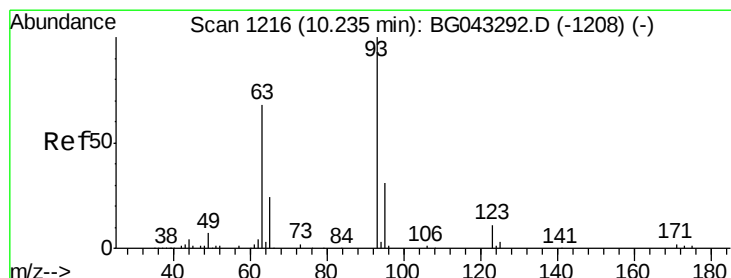
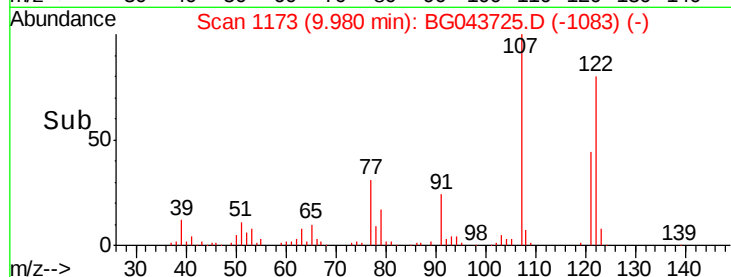
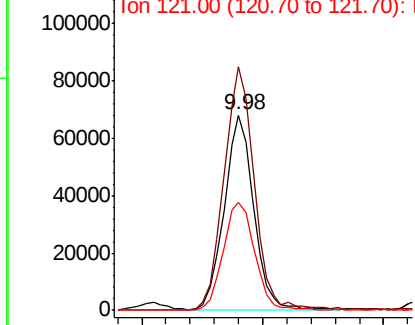
#27
 2,4-Dimethylphenol
 Concen: 55.594 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 114891
 Ion Ratio Lower Upper
 122 100
 107 124.7 100.7 151.1
 121 55.1 47.0 70.4

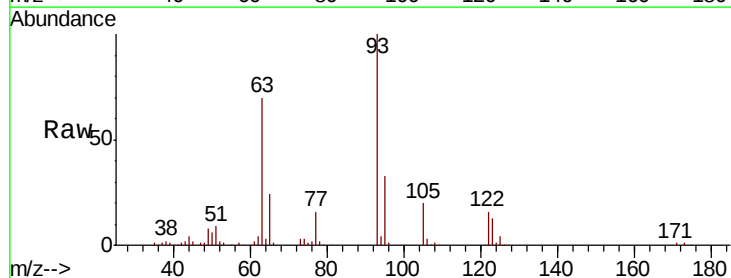


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

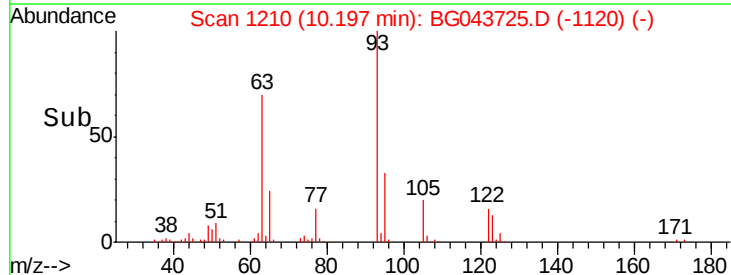
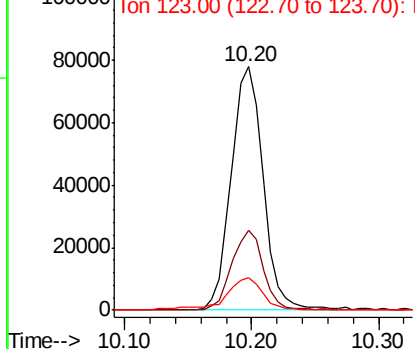


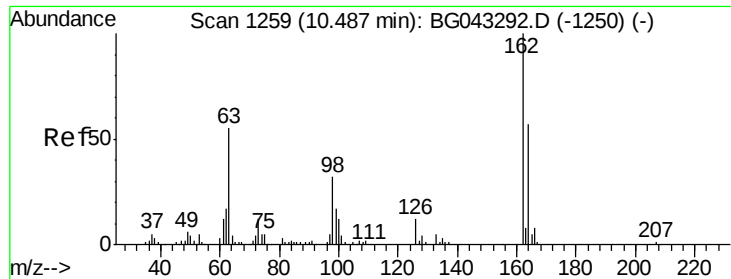
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.847 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion: 93 Resp: 135549
 Ion Ratio Lower Upper
 93 100
 95 32.6 27.5 41.3
 123 13.2 10.7 16.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

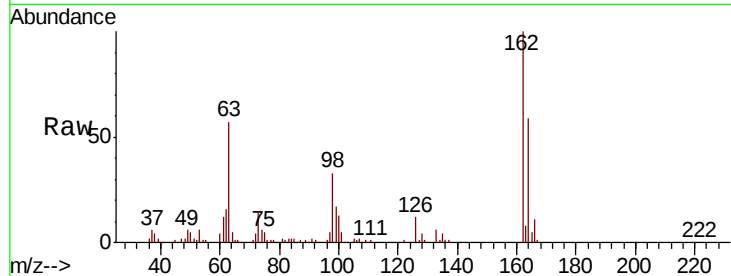




#29
2,4-Dichlorophenol
Concen: 48.855 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.3	45.4	85.4
98	33.1	10.1	50.1

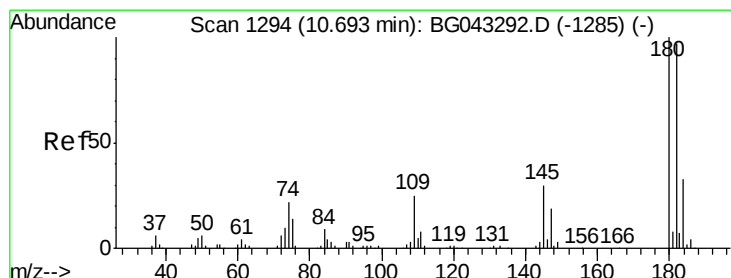
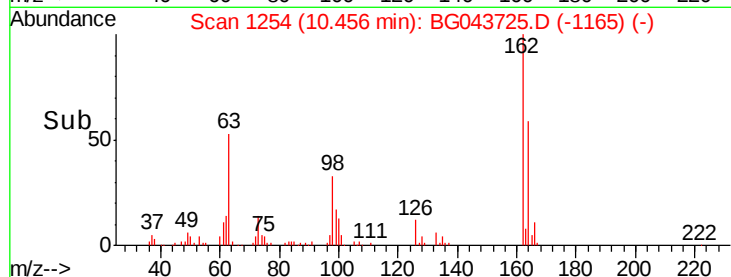
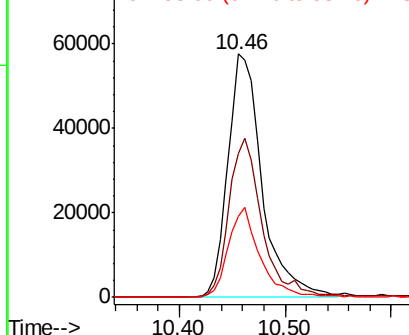


Abundance

Ion 162.00 (161.70 to 162.70): E

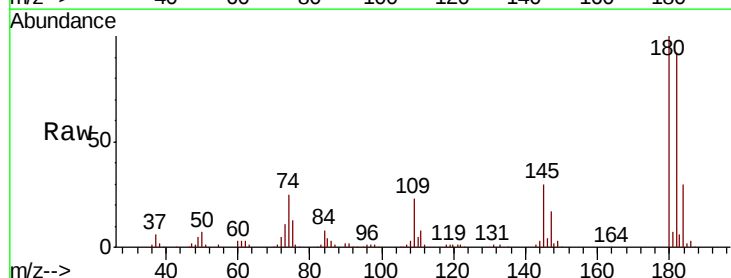
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 41.575 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	74.5	111.7
145	29.9	21.4	32.0

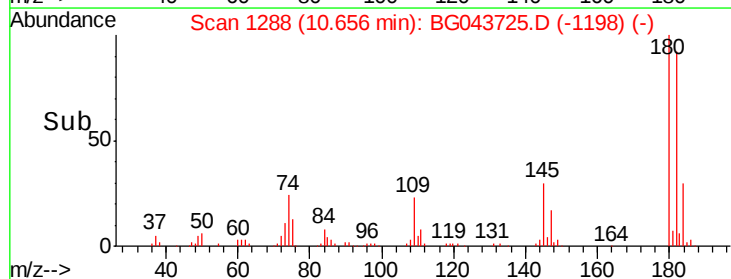
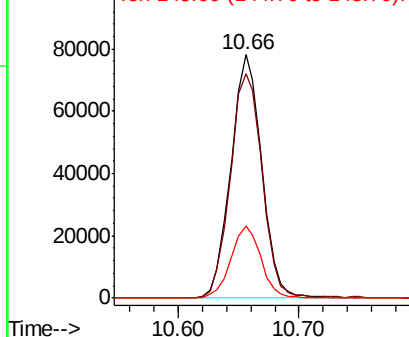


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

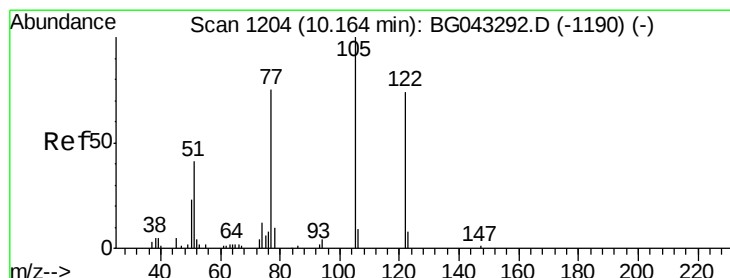
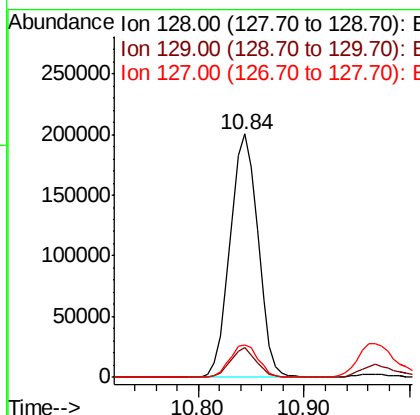
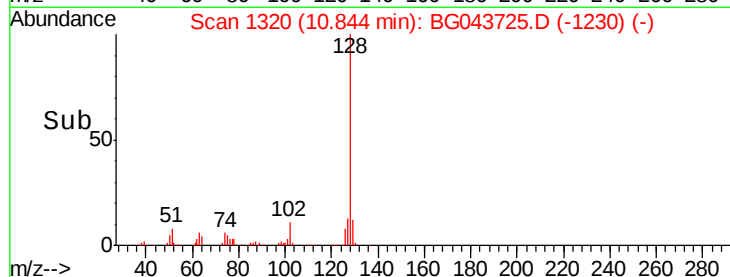
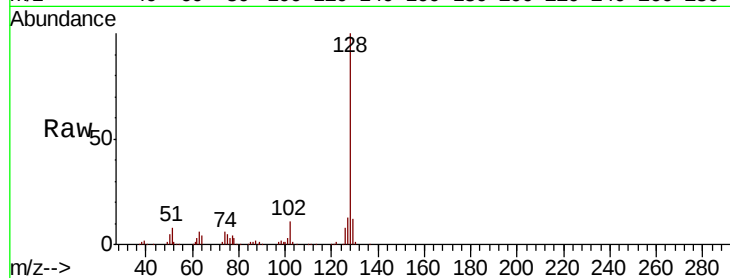




#31
Naphthalene
Concen: 44.684 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

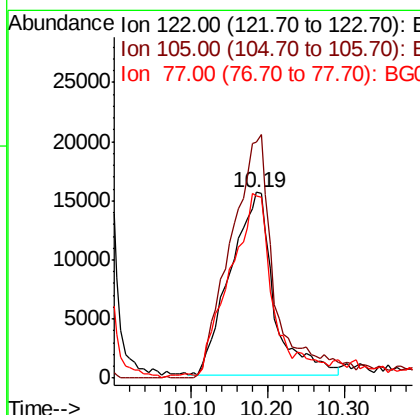
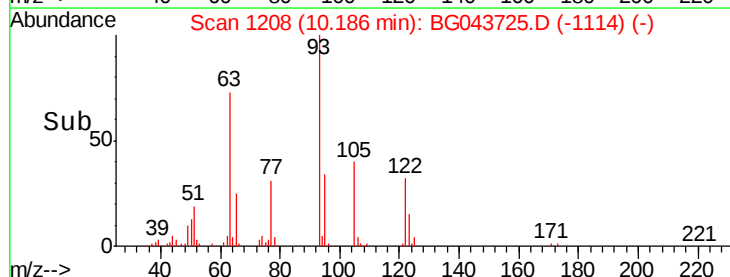
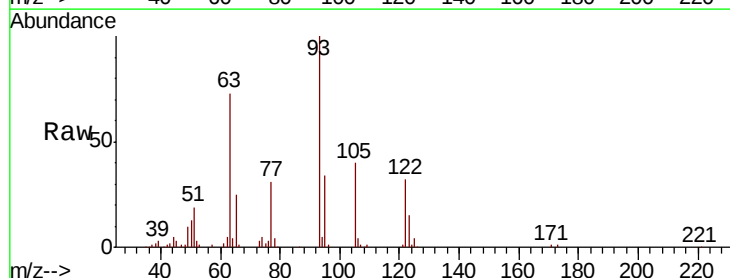
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 366607
Ion Ratio Lower Upper
128 100
129 12.4 9.5 14.3
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 40.709 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:122 Resp: 61566
Ion Ratio Lower Upper
122 100
105 126.8 101.8 141.8
77 98.1 86.8 126.8

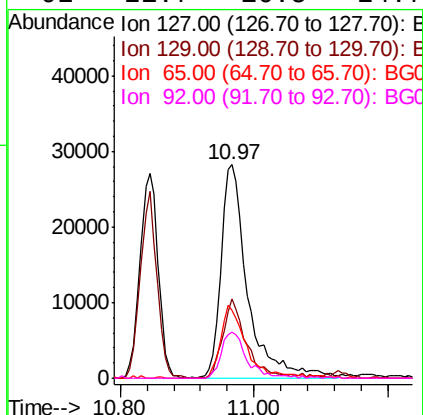
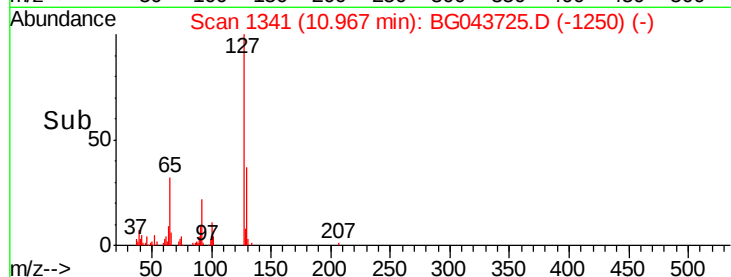
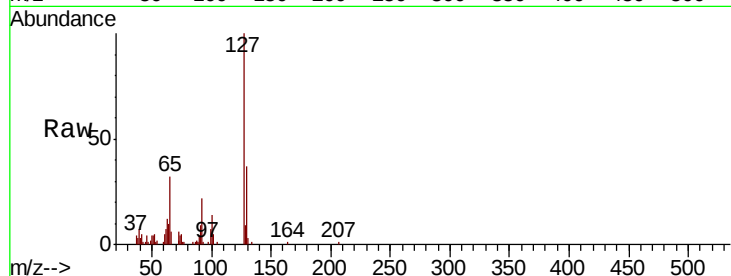




#33
4-Chloroaniline
Concen: 23.633 ng
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

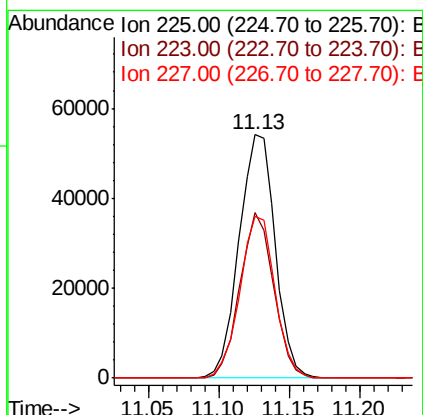
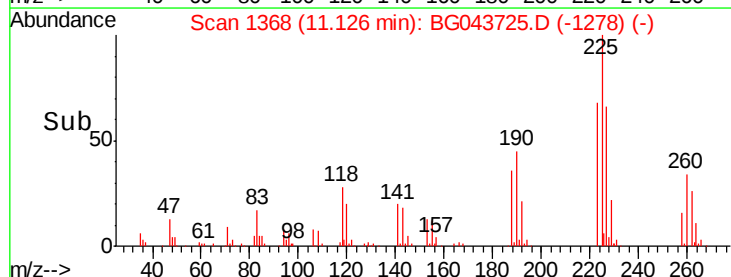
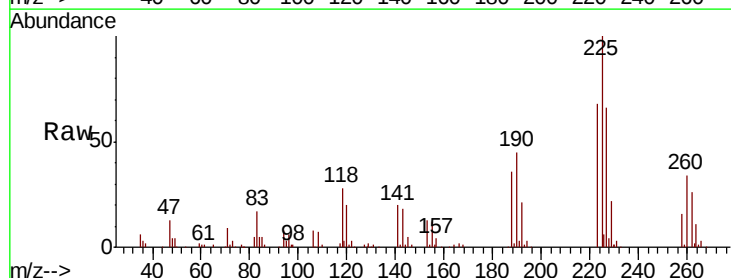
Instrument :
BNA_G
ClientSampleId :

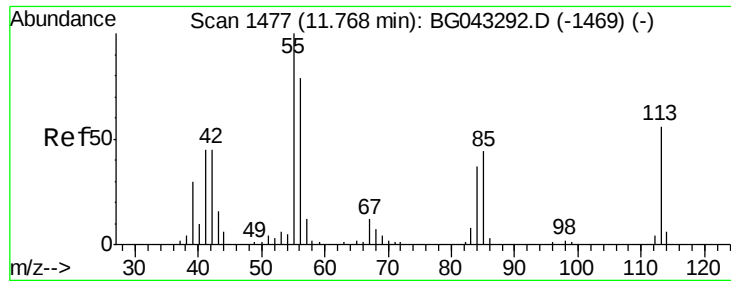
Tot Ion:127 Resp: 79481
Ion Ratio Lower Upper
127 100
129 37.1 28.0 42.0
65 31.6 28.3 42.5
92 21.7 16.5 24.7



#34
Hexachlorobutadiene
Concen: 39.156 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:225 Resp: 96599
Ion Ratio Lower Upper
225 100
223 68.0 48.6 73.0
227 66.3 49.1 73.7





#35

Caprolactam

Concen: 22.323 ng

RT: 11.75 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

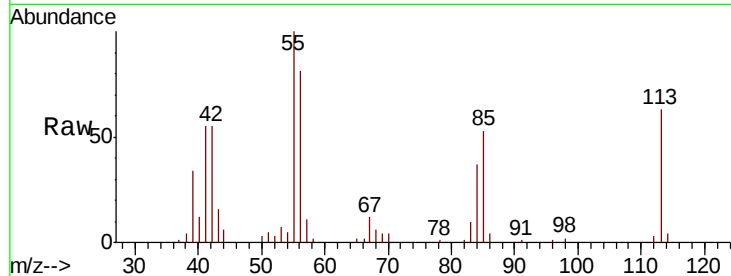
Tot Ion:113 Resp: 20357

Ion Ratio Lower Upper

113 100

55 158.1 154.4 194.4

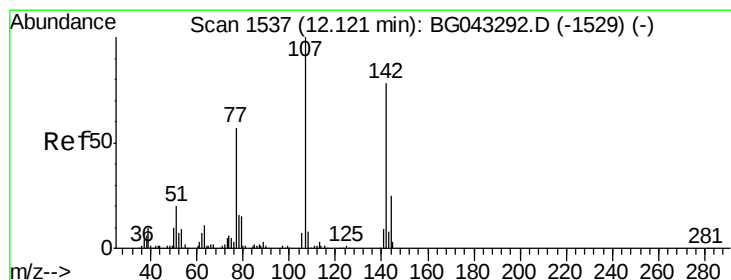
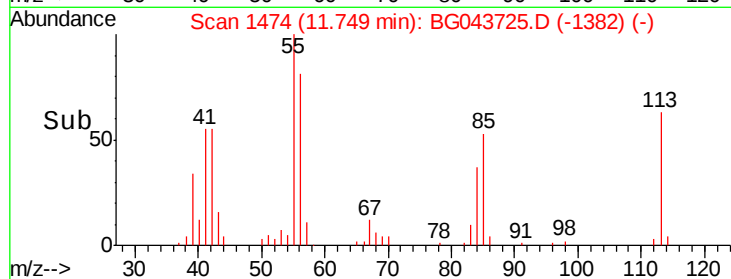
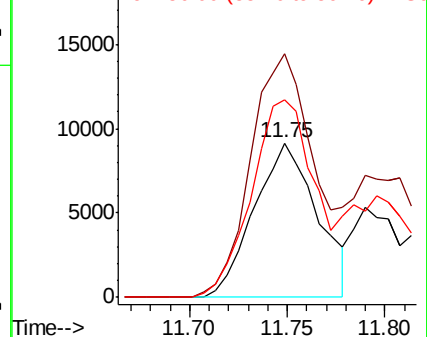
56 128.5 112.9 152.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.762 ng

RT: 12.11 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

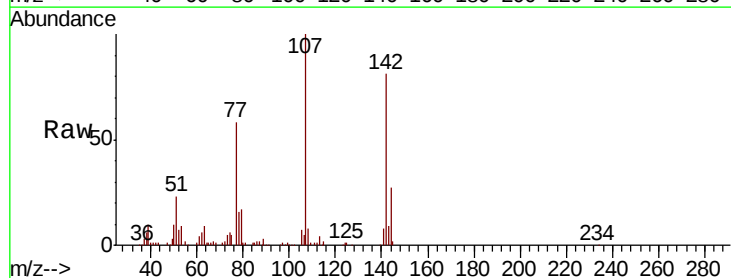
Tgt Ion:107 Resp: 137950

Ion Ratio Lower Upper

107 100

144 27.3 21.7 32.5

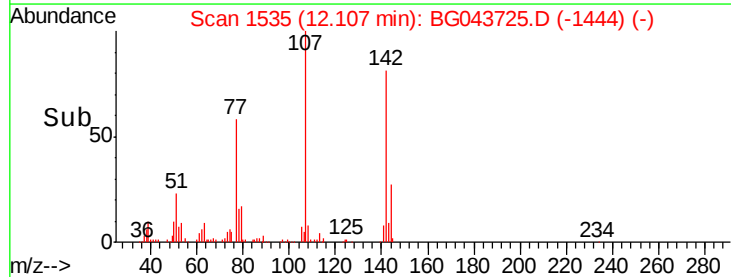
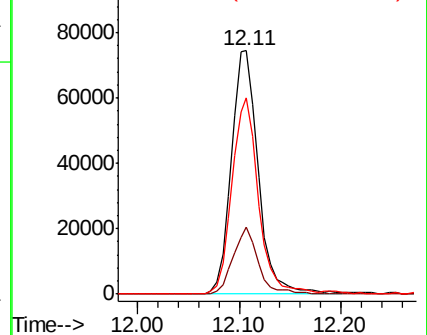
142 80.6 67.2 100.8

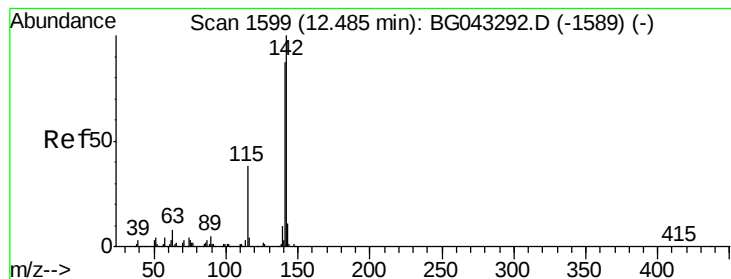


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.934 ng

RT: 12.45 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

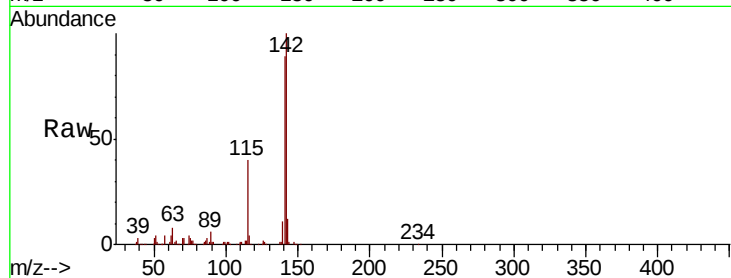
Tot Ion:142 Resp: 282865

Ion Ratio Lower Upper

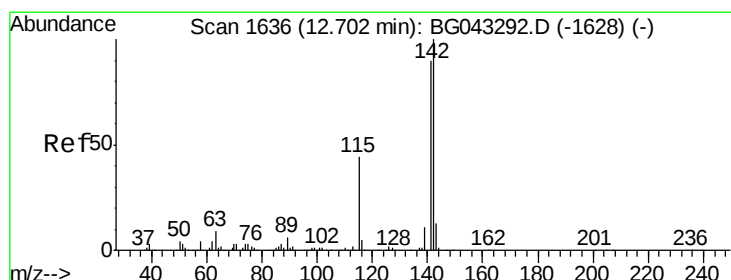
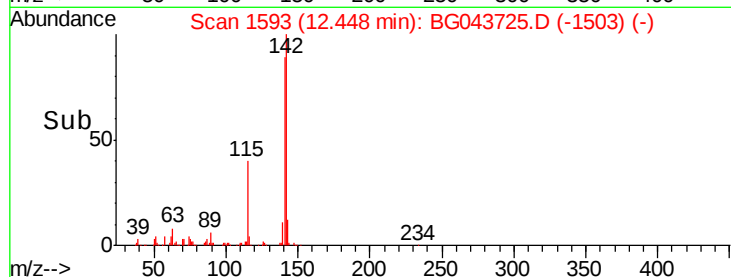
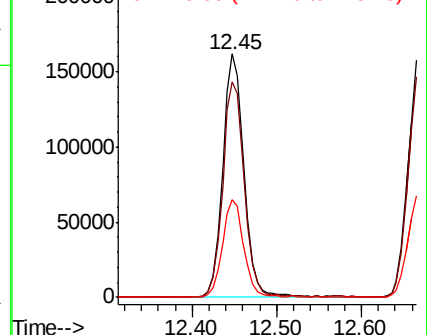
142 100

141 88.6 71.2 106.8

115 40.1 31.9 47.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.295 ng

RT: 12.67 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

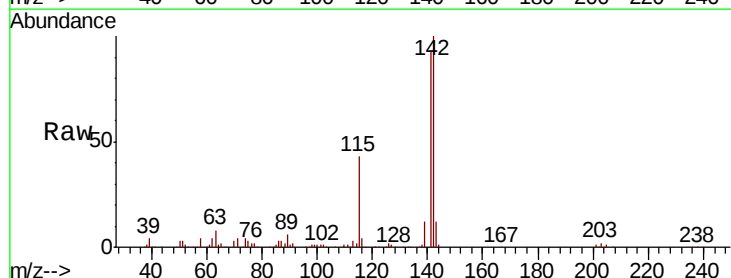
Tgt Ion:142 Resp: 265311

Ion Ratio Lower Upper

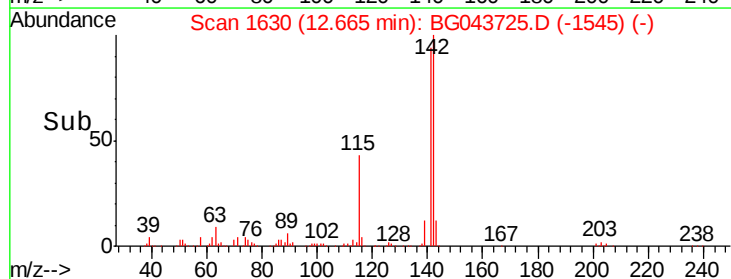
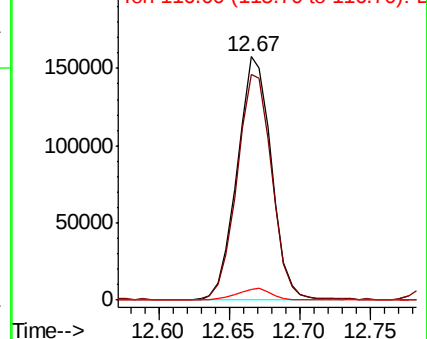
142 100

141 92.9 74.5 111.7

116 4.5 3.8 5.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

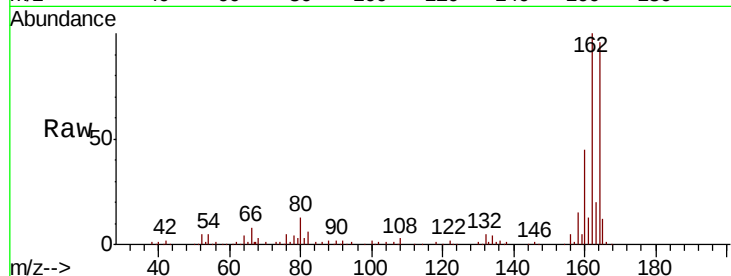




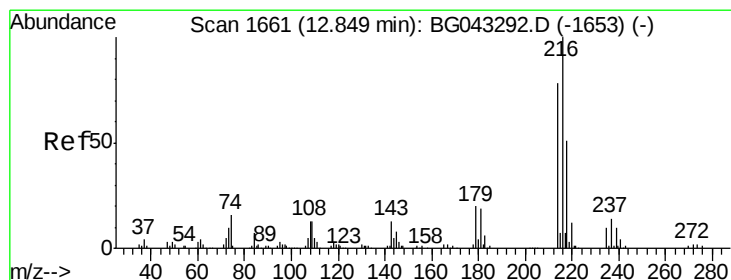
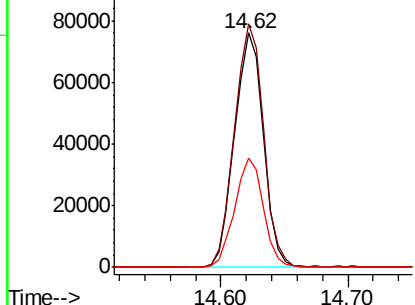
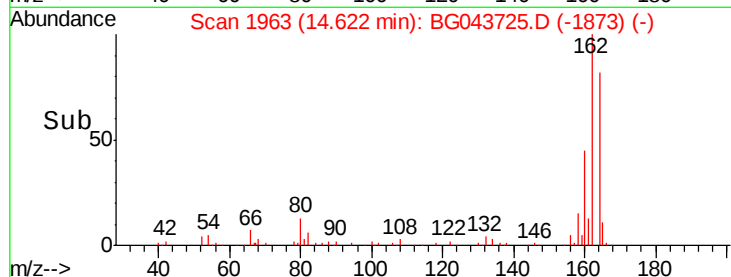
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 119444
 Ion Ratio Lower Upper
 164 100
 162 103.8 79.4 119.2
 160 46.6 36.3 54.5

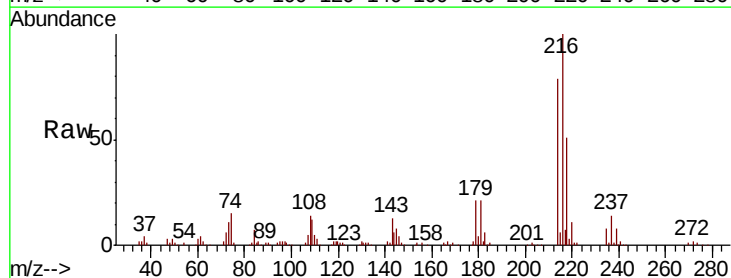


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

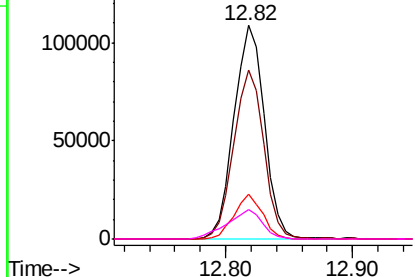
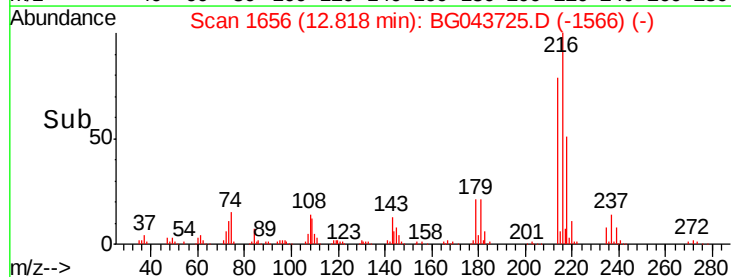


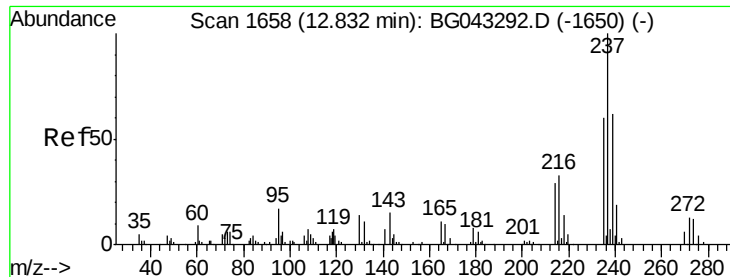
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.841 ng
 RT: 12.82 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion:216 Resp: 180537
 Ion Ratio Lower Upper
 216 100
 214 78.5 62.8 94.2
 179 19.8 16.5 24.7
 108 15.9 12.7 19.1



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: 82.732 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

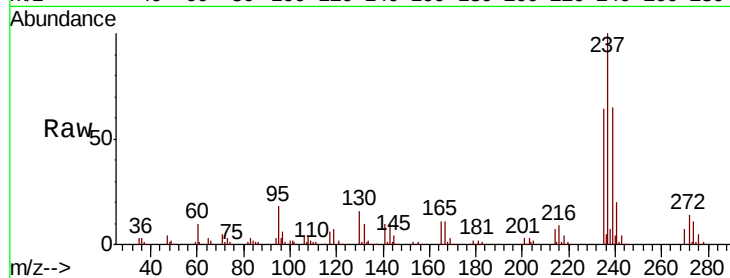
Tot Ion:237 Resp: 192110

Ion Ratio Lower Upper

237 100

235 64.3 42.2 82.2

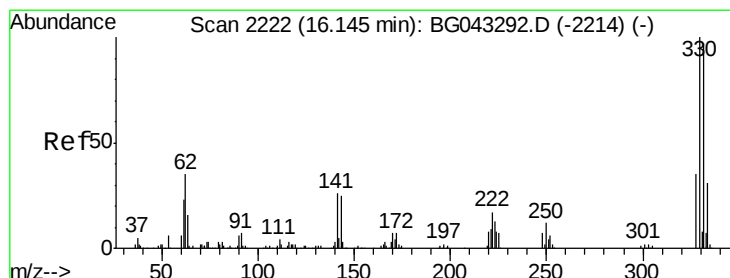
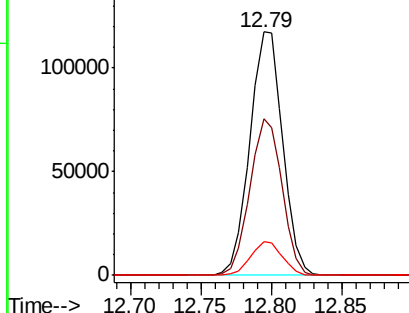
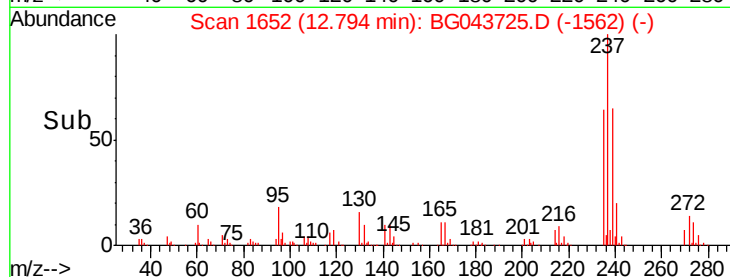
272 14.0 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.906 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

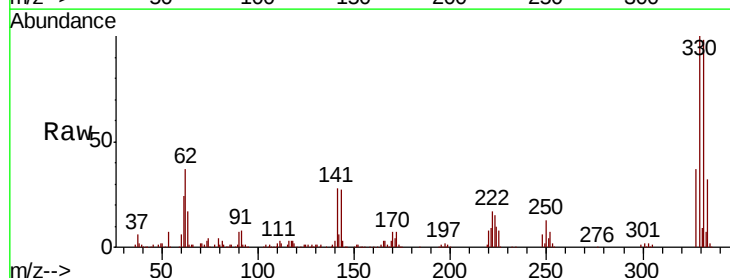
Tgt Ion:330 Resp: 254366

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

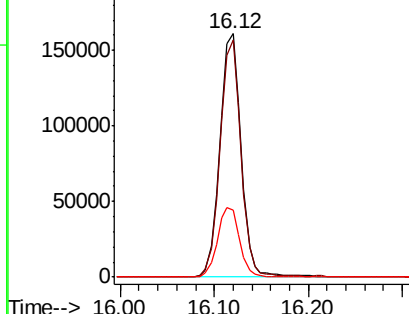
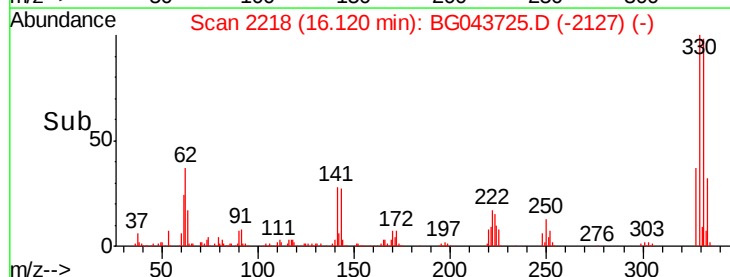
141 29.7 23.4 35.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

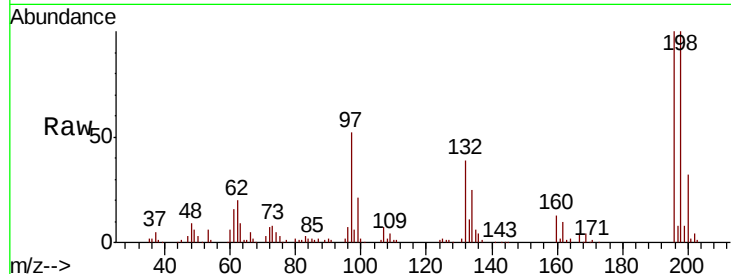




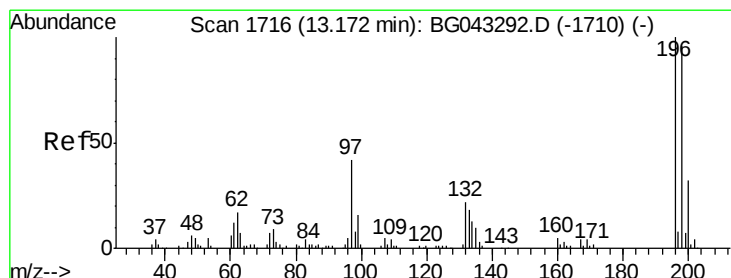
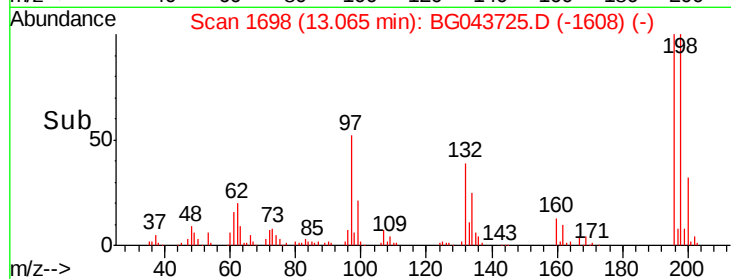
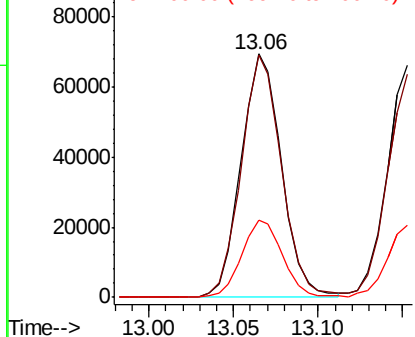
#43
 2,4,6-Trichlorophenol
 Concen: 44.251 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 115197
 Ion Ratio Lower Upper
 196 100
 198 99.6 81.3 121.9
 200 31.8 28.2 42.2



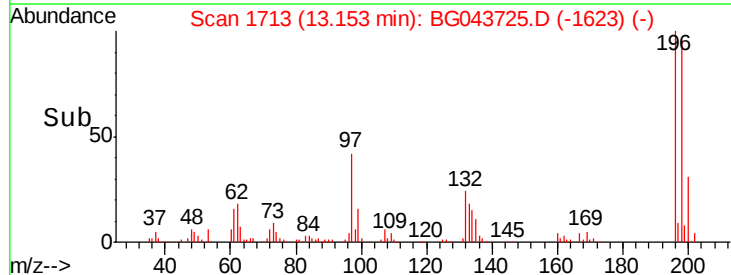
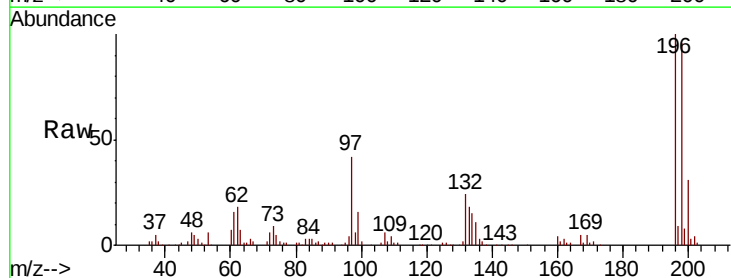
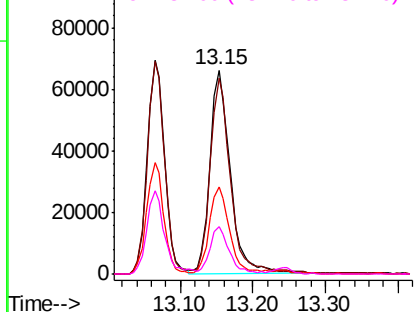
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

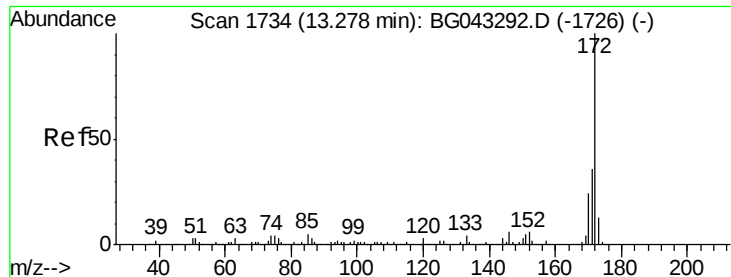


#44
 2,4,5-Trichlorophenol
 Concen: 49.331 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion:196 Resp: 129830
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.4 116.2
 97 42.4 35.9 53.9
 132 23.5 20.0 30.0

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

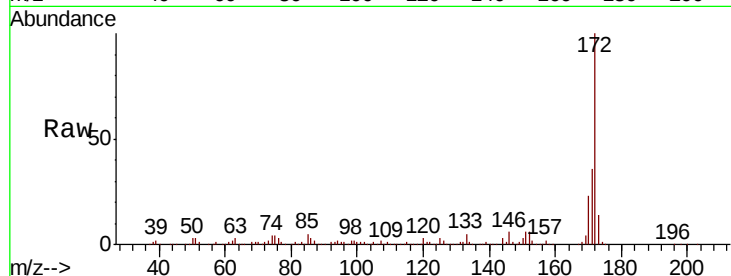




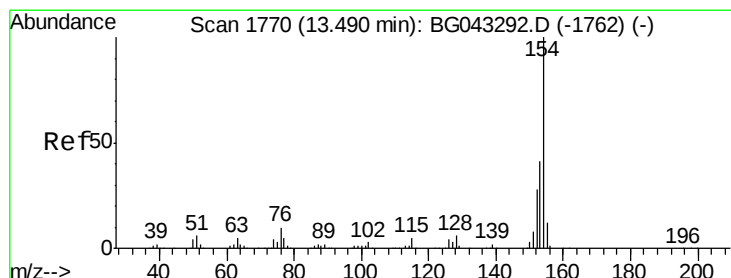
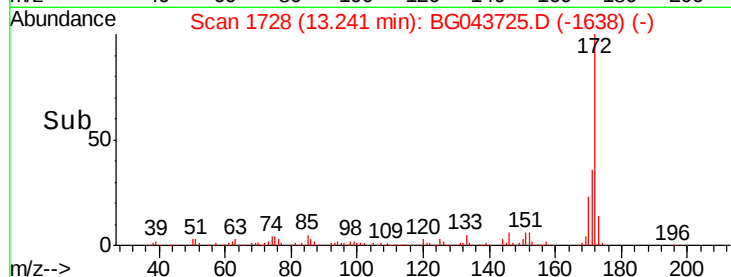
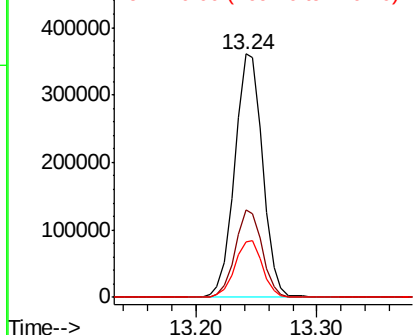
#45
2-Fluorobiphenyl
Concen: 67.198 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 580868
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.0 18.8 28.2

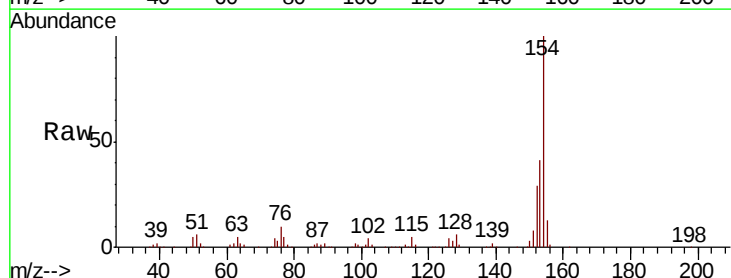


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

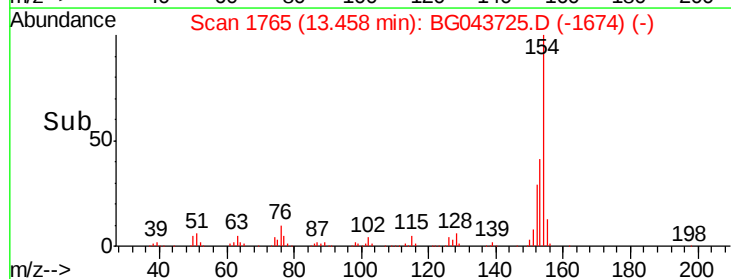
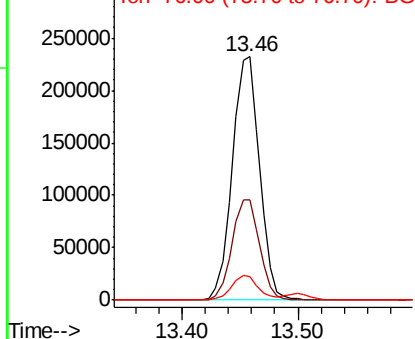


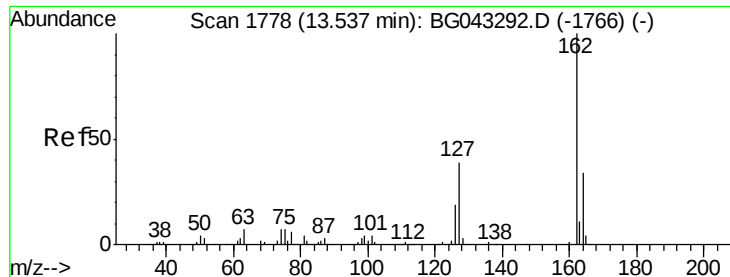
#46
1,1'-Biphenyl
Concen: 41.672 ng
RT: 13.46 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:154 Resp: 378656
Ion Ratio Lower Upper
154 100
153 41.2 22.6 62.6
76 9.9 0.0 29.1



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

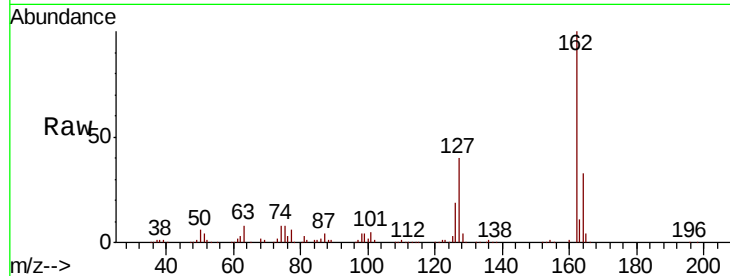




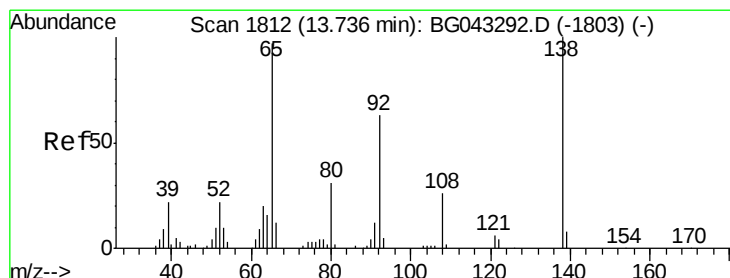
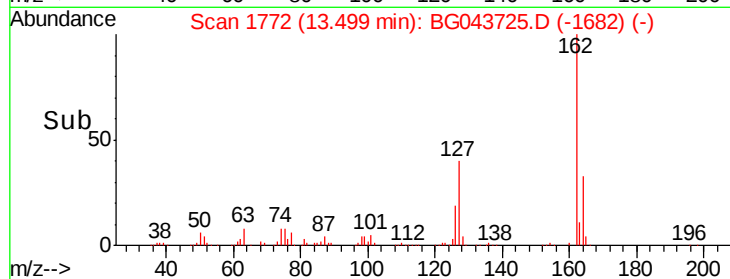
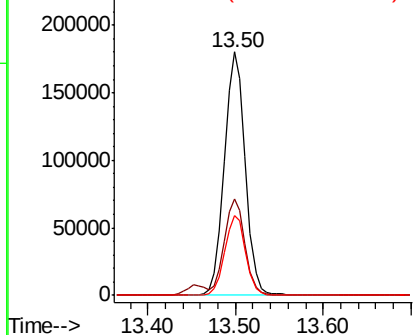
#47
2-Chloronaphthalene
Concen: 42.917 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 296718
Ion Ratio Lower Upper
162 100
127 39.6 32.8 49.2
164 32.8 27.8 41.8

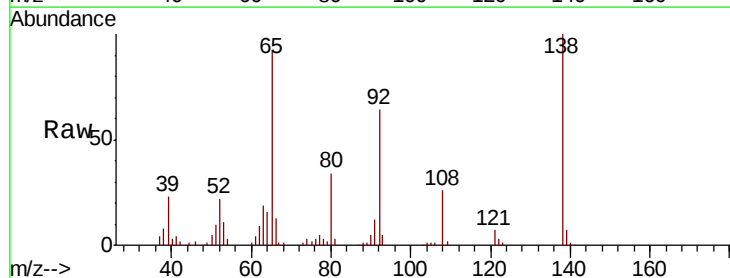


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

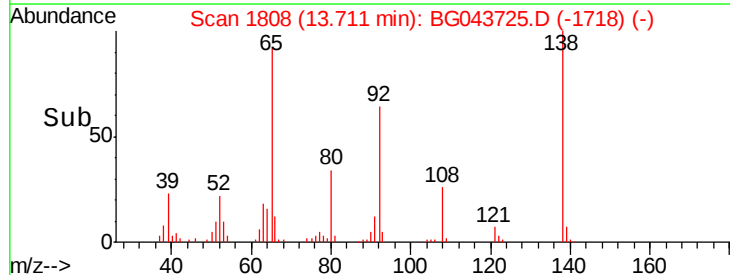
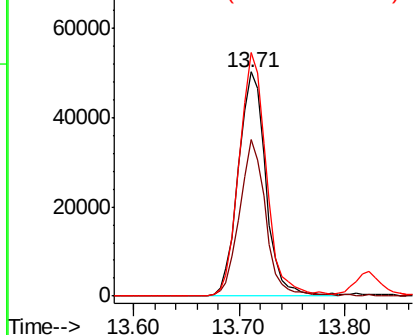


#48
2-Nitroaniline
Concen: 43.812 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion: 65 Resp: 90532
Ion Ratio Lower Upper
65 100
92 69.9 54.9 82.3
138 108.5 85.0 127.6



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





#49

Acenaphthylene

Concen: 44.842 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

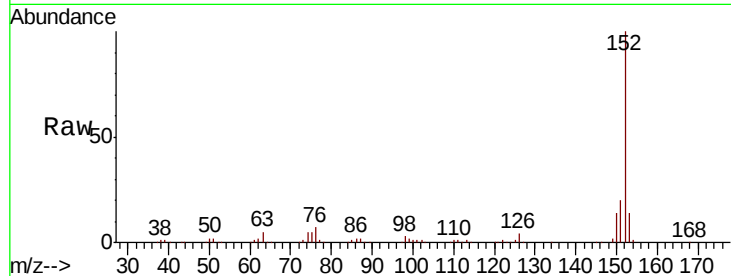
Tot Ion:152 Resp: 482508

Ion Ratio Lower Upper

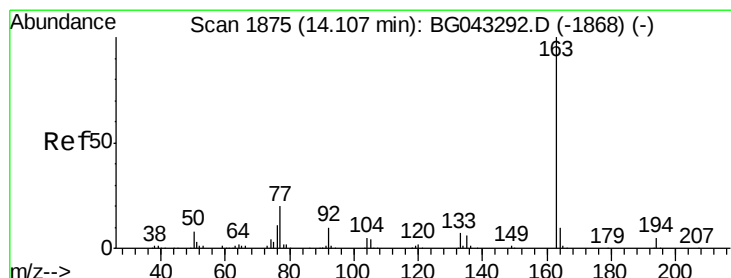
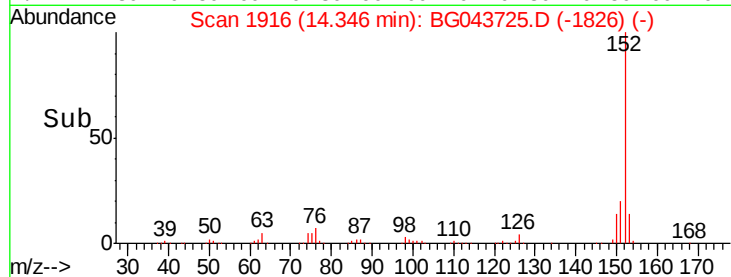
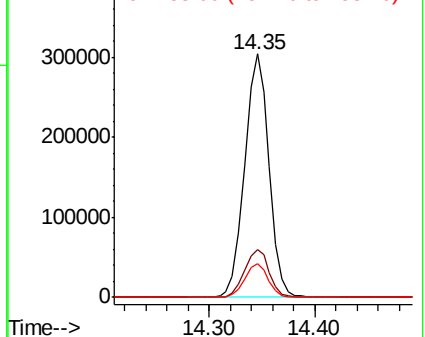
152 100

151 19.6 16.1 24.1

153 13.8 11.0 16.4



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: 42.677 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

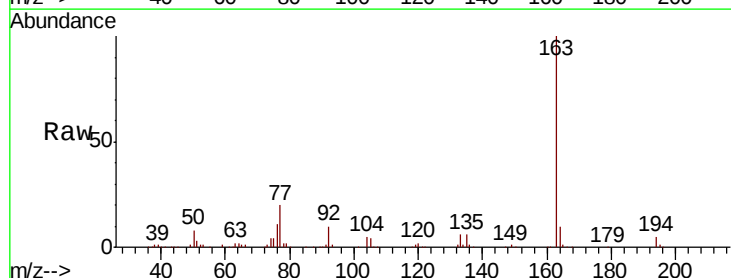
Tgt Ion:163 Resp: 394840

Ion Ratio Lower Upper

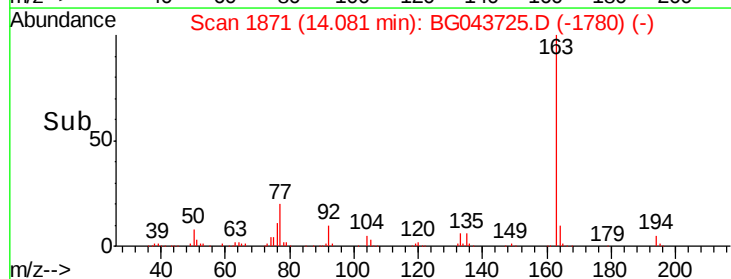
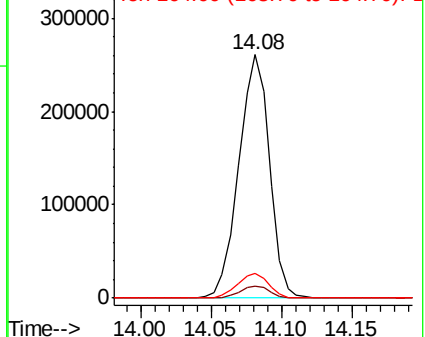
163 100

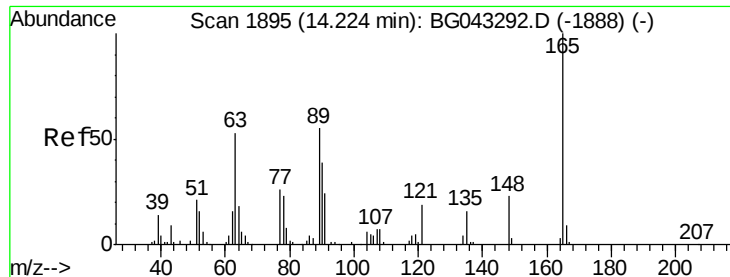
194 4.7 3.8 5.8

164 10.1 8.5 12.7



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: 45.279 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

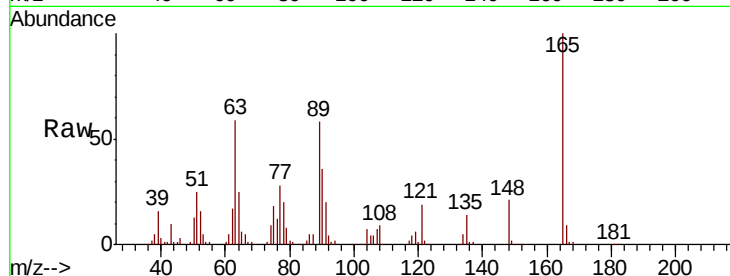
Tot Ion:165 Resp: 91008

Ion Ratio Lower Upper

165 100

63 58.8 45.0 67.6

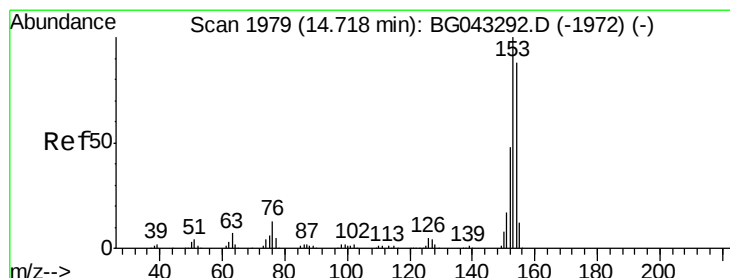
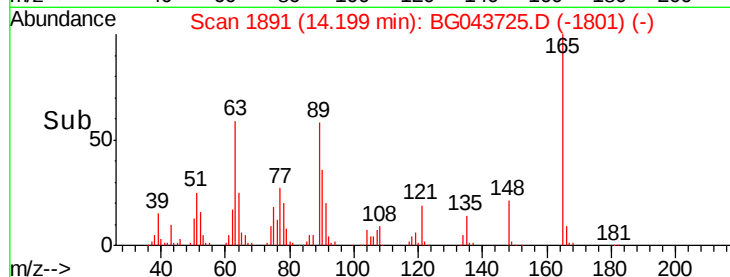
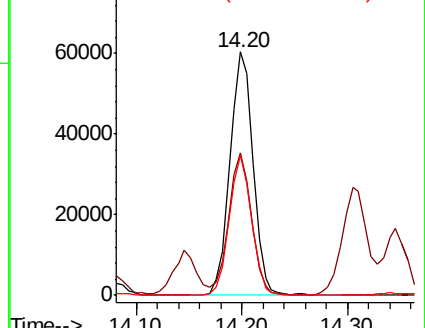
89 57.6 39.8 59.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 43.881 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

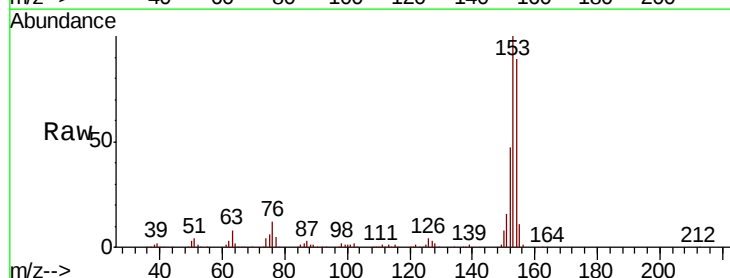
Tgt Ion:154 Resp: 287945

Ion Ratio Lower Upper

154 100

153 112.6 89.2 133.8

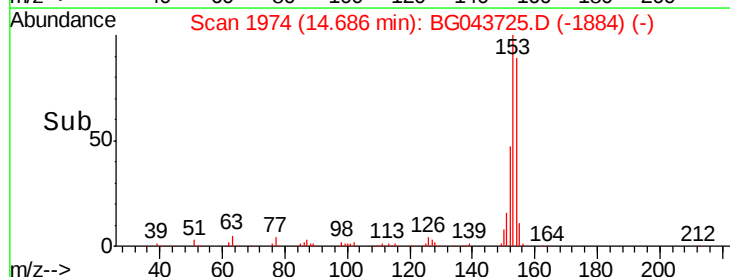
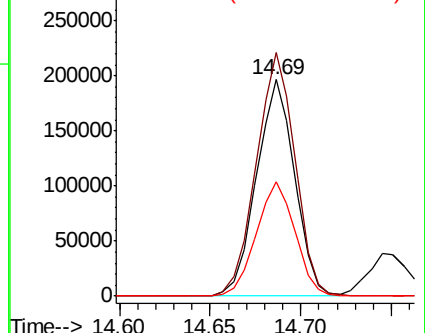
152 53.1 41.4 62.0

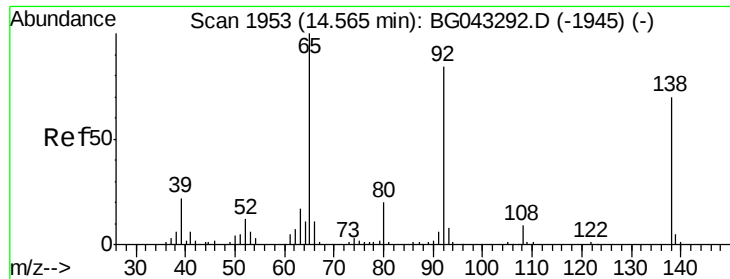


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.234 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampled :

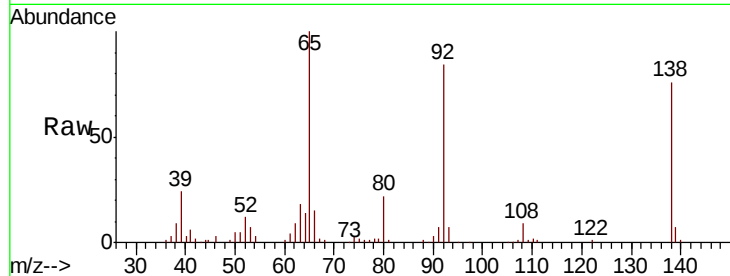
Tot Ion:138 Resp: 64492

Ion Ratio Lower Upper

138 100

108 12.3 9.8 14.8

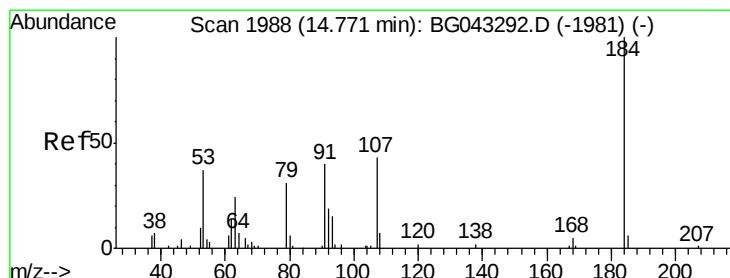
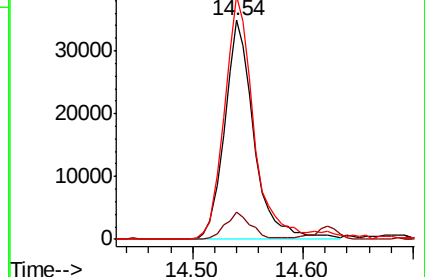
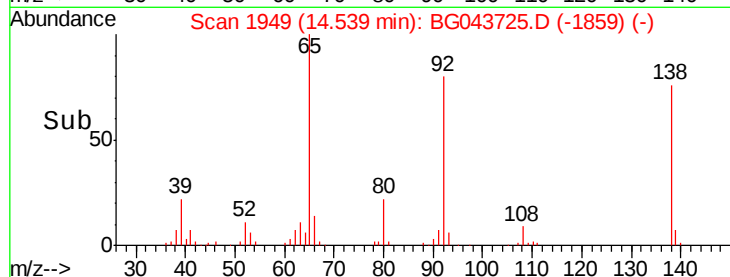
92 111.1 88.1 132.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 79.530 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

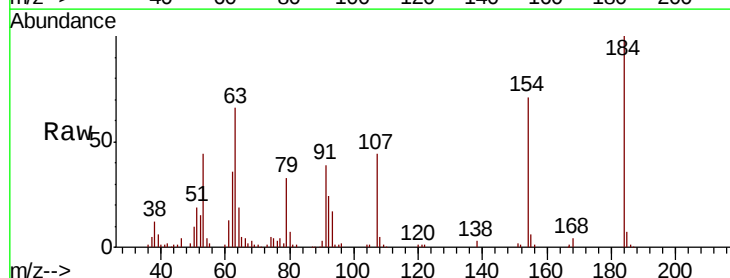
Tgt Ion:184 Resp: 99759

Ion Ratio Lower Upper

184 100

63 66.3 59.0 88.4

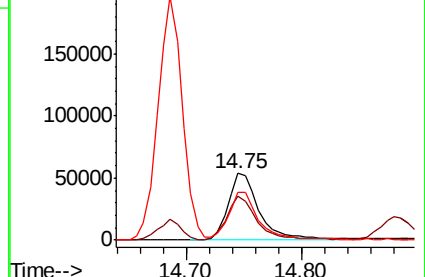
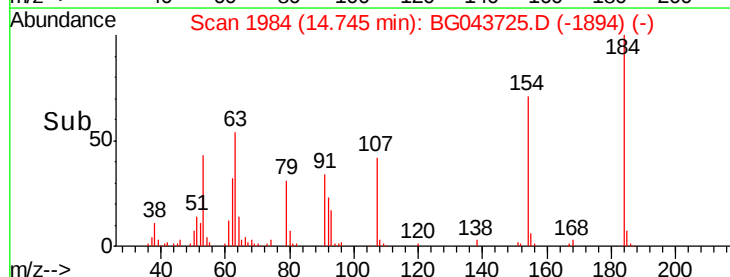
154 71.2 57.4 86.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

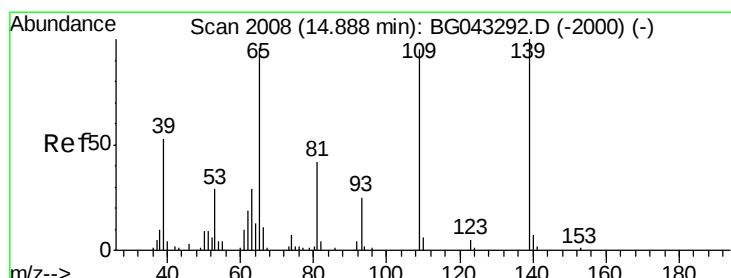
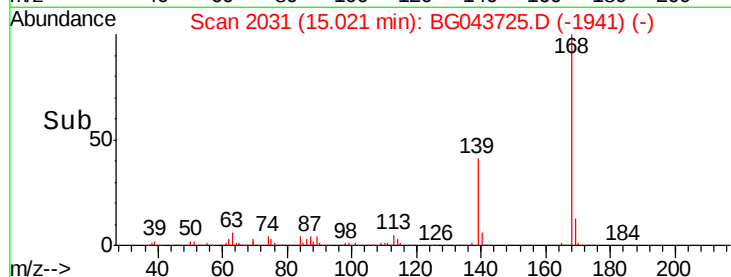
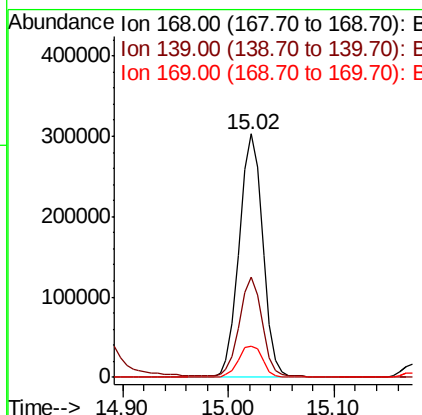
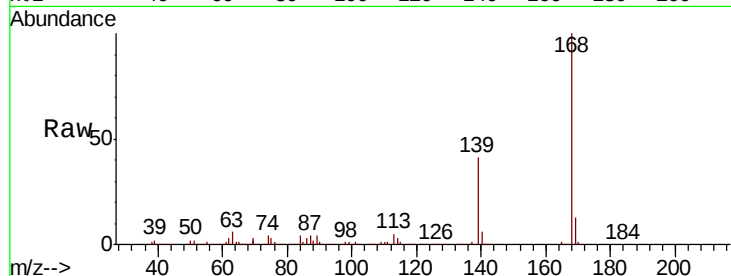




#55
Dibenzofuran
Concen: 43.939 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

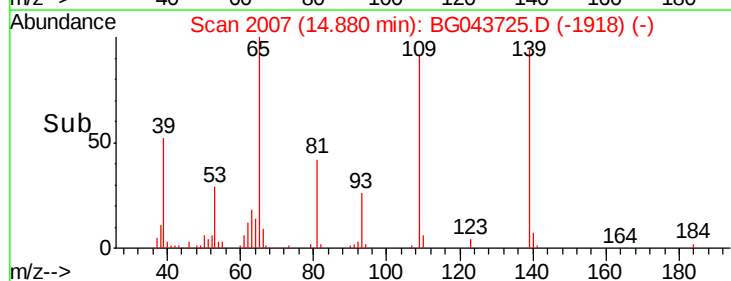
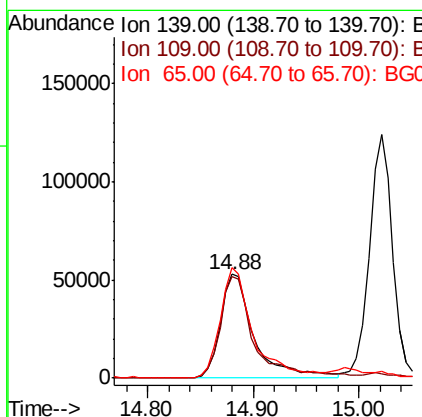
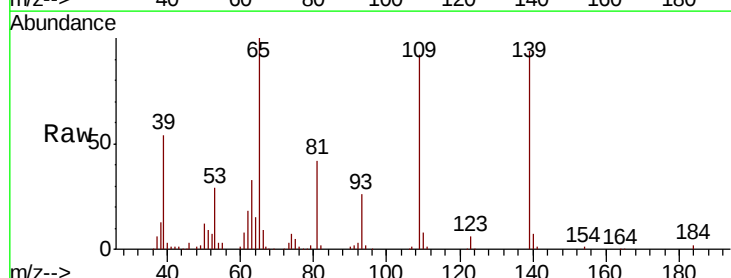
Instrument :
BNA_G
ClientSampleId :

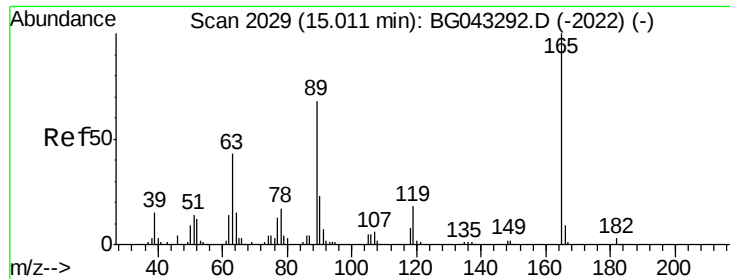
Tot Ion:168 Resp: 467568
Ion Ratio Lower Upper
168 100
139 41.0 32.7 49.1
169 12.7 10.6 15.8



#56
4-Nitrophenol
Concen: 90.054 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:139 Resp: 117108
Ion Ratio Lower Upper
139 100
109 97.7 64.0 104.0
65 106.5 75.6 115.6

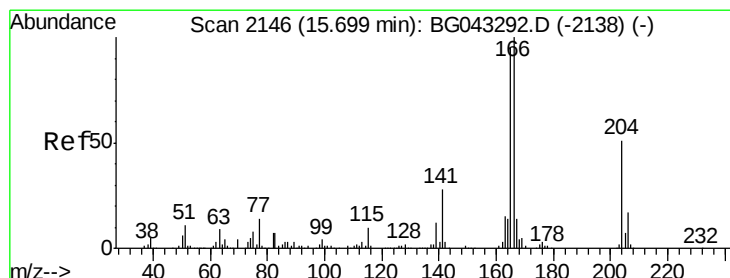
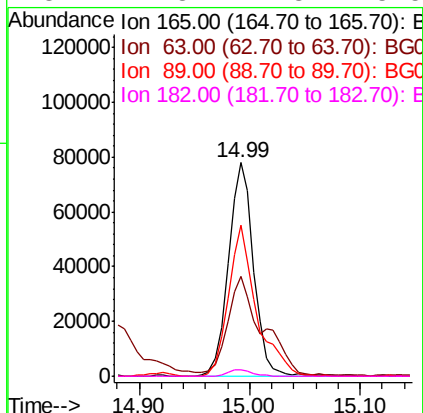
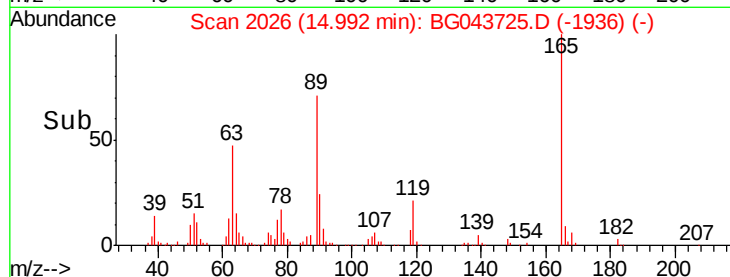
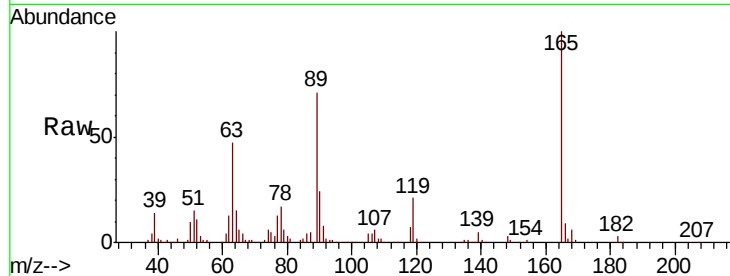




#57
 2,4-Dinitrotoluene
 Concen: 43.140 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

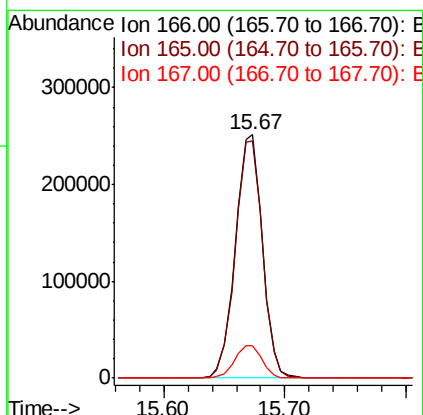
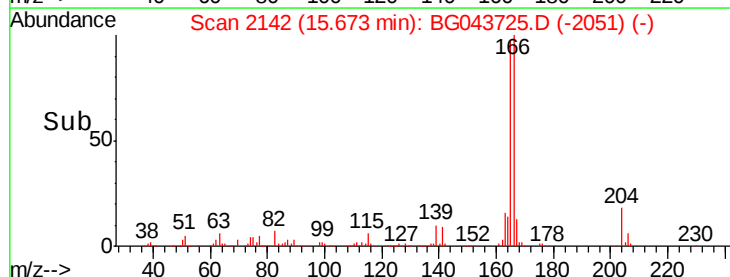
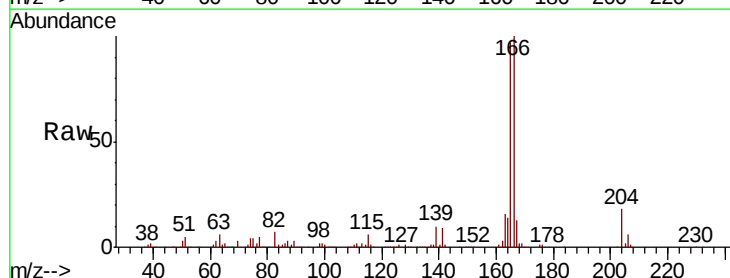
Instrument :
 BNA_G
 ClientSampleId :

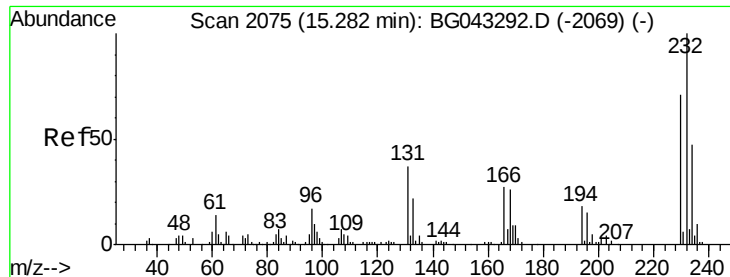
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	46.9	37.4	56.0	
89	70.6	50.9	76.3	
182	2.8	2.3	3.5	



#58
 Fluorene
 Concen: 43.986 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.2	78.4	117.6	
167	13.1	11.2	16.8	

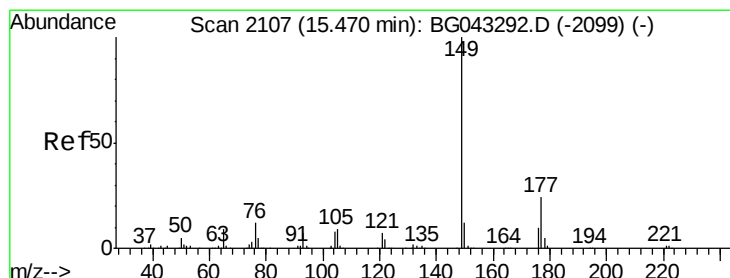
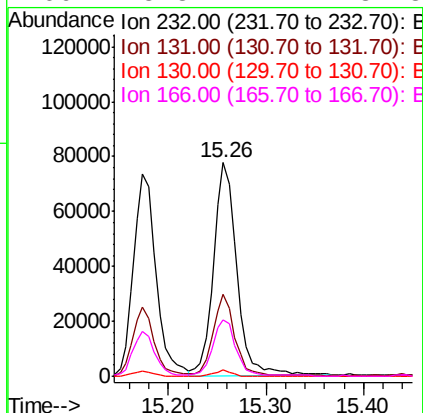
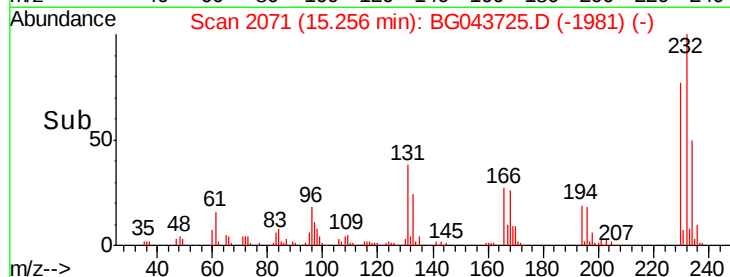
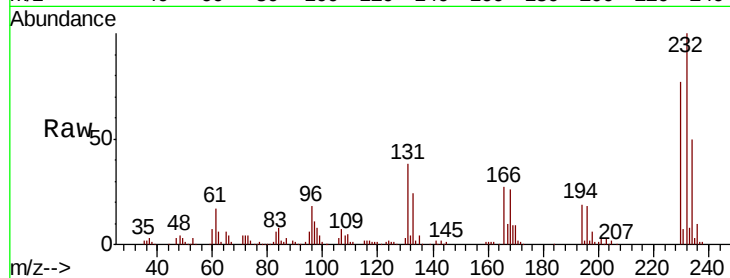




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.631 ng
 RT: 15.26 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

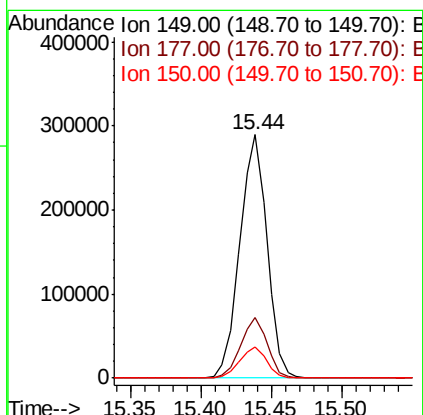
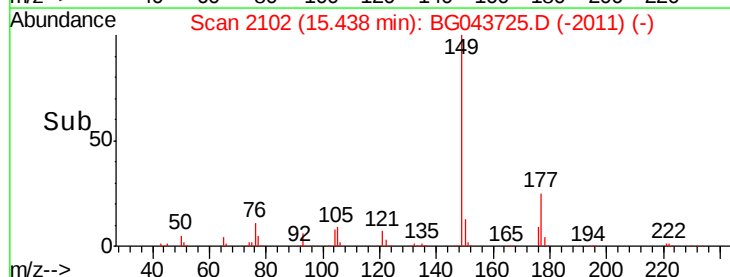
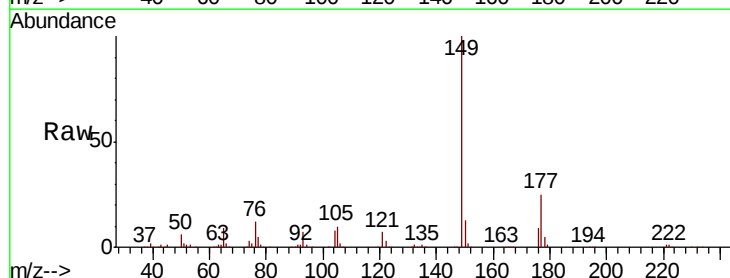
Instrument :
 BNA_G
 ClientSampled :

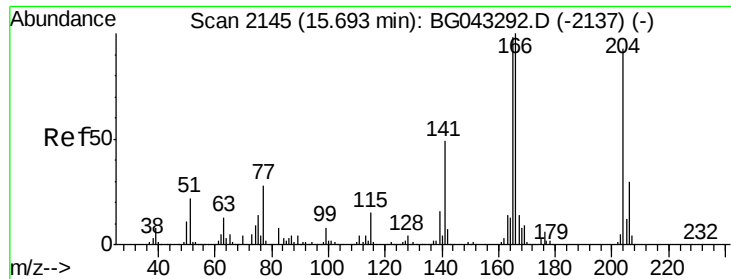
Tot Ion	Ratio	Lower	Upper
232	100		
131	35.5	29.6	44.4
130	2.2	1.4	2.0
166	25.8	21.2	31.8



#60
 Diethylphthalate
 Concen: 41.877 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.3	28.9
150	12.6	10.5	15.7

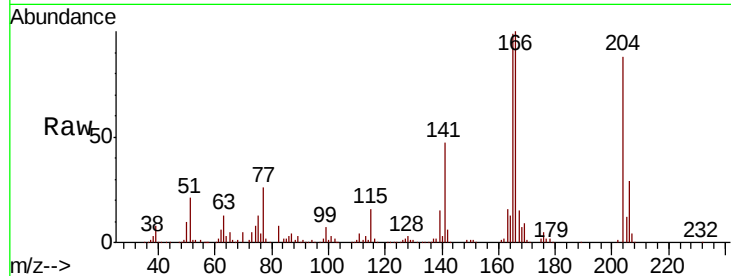




#61
4-Chlorophenyl-phenylether
Concen: 43.129 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	28.2	42.4
141	53.1	44.5	66.7

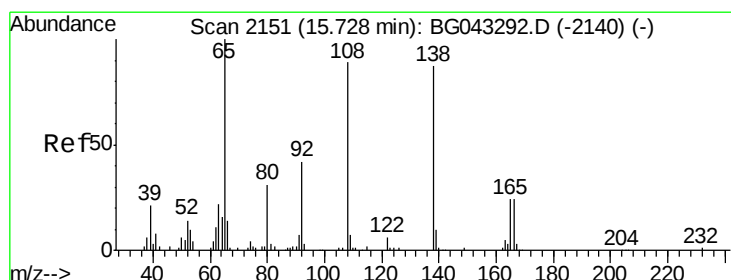
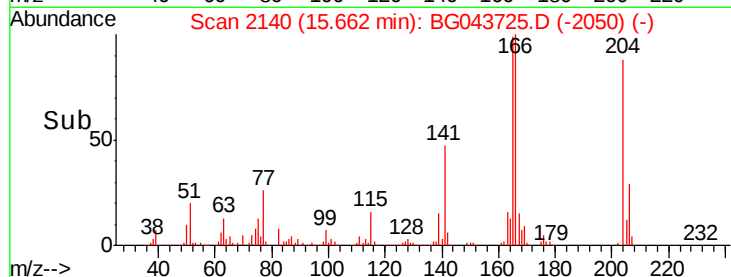
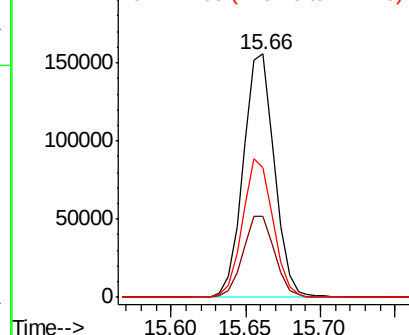


Abundance

Ion 204.00 (203.70 to 204.70): E

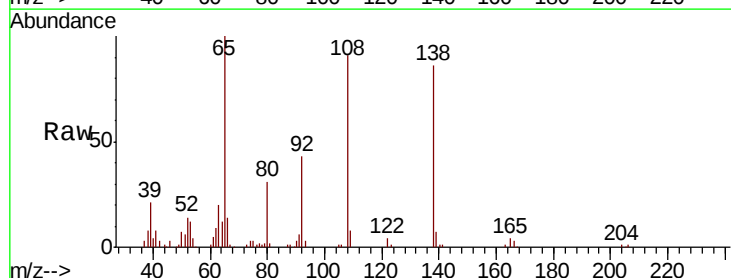
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.033 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.0	71.0
108	106.8	85.0	125.0

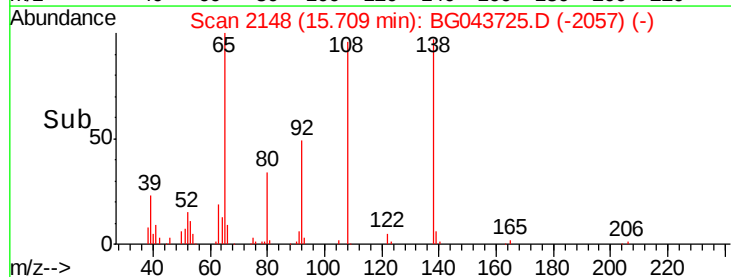
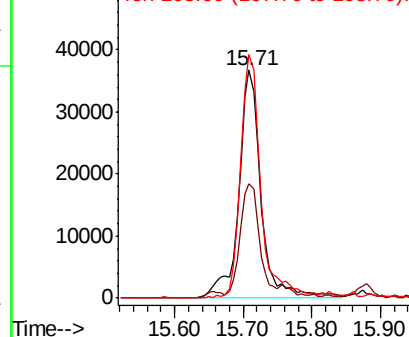


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

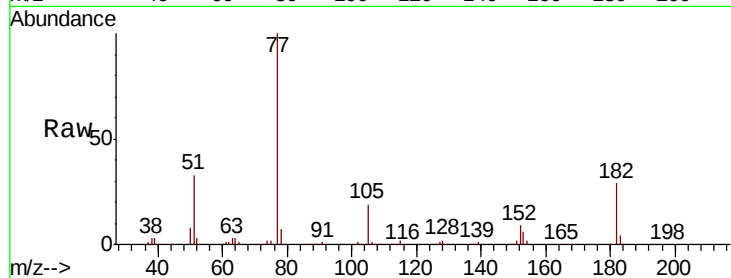




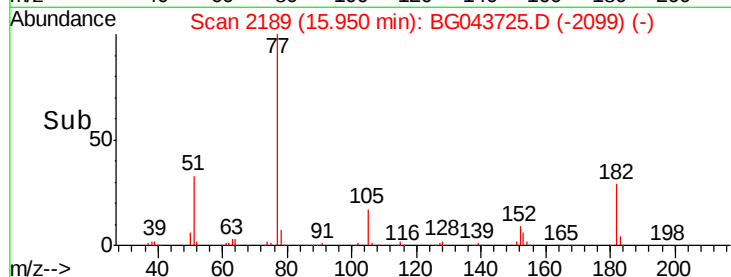
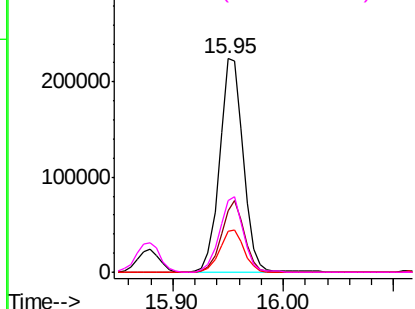
#63
Azobenzene
Concen: 44.224 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	332720
Ion	Ratio	Lower	Upper
77	100		
182	29.0	11.2	51.2
105	19.3	1.5	41.5
51	33.4	14.7	54.7

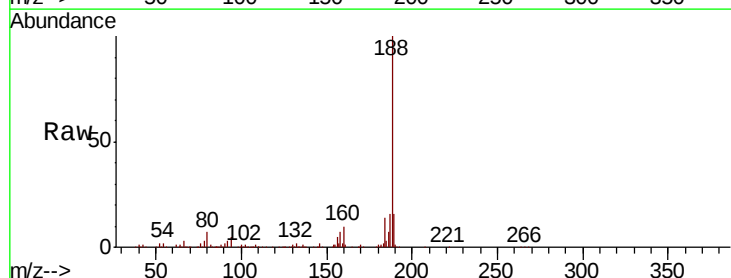


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

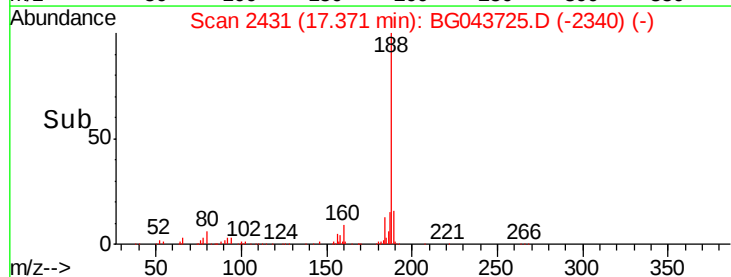
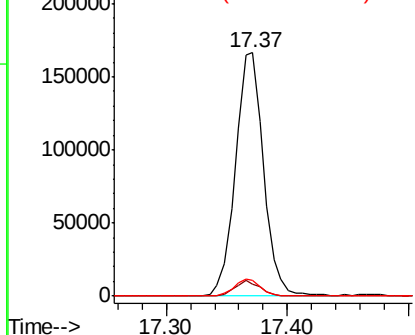


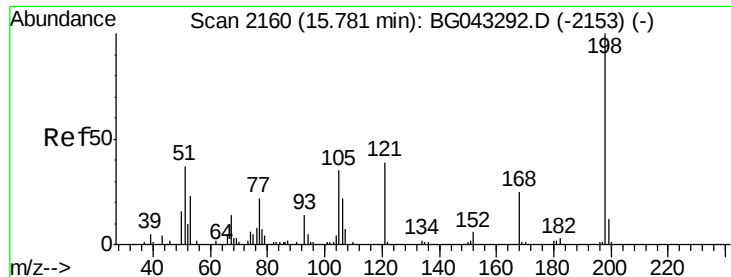
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:	188	Resp:	270067
Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.6	7.0
80	6.5	5.2	7.8



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

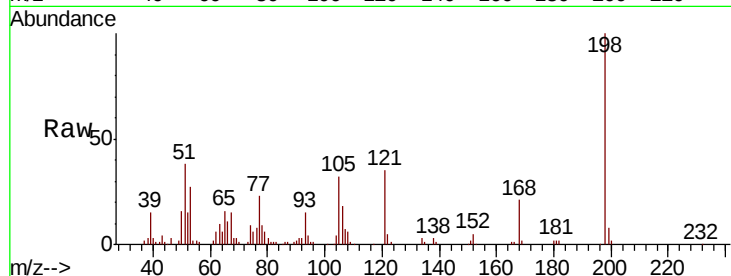




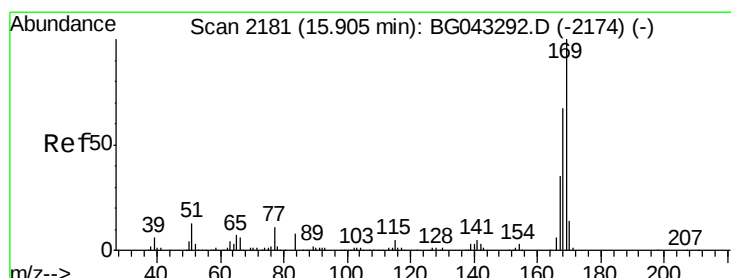
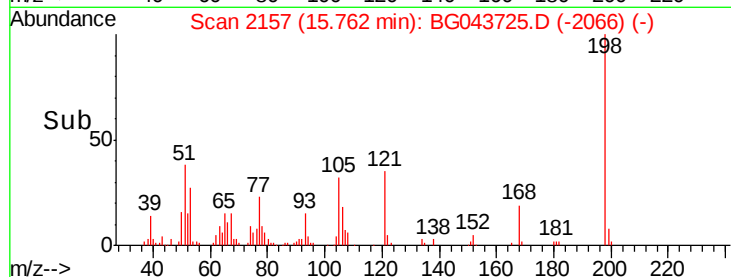
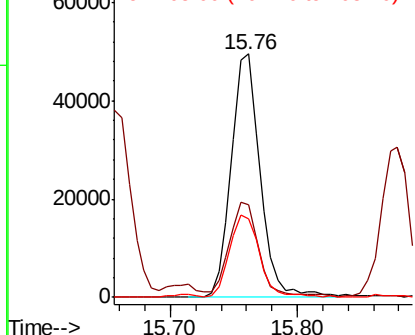
#65
4,6-Dinitro-2-methylphenol
Concen: 49.231 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 78246
Ion Ratio Lower Upper
198 100
51 38.2 17.3 57.3
105 32.4 13.9 53.9

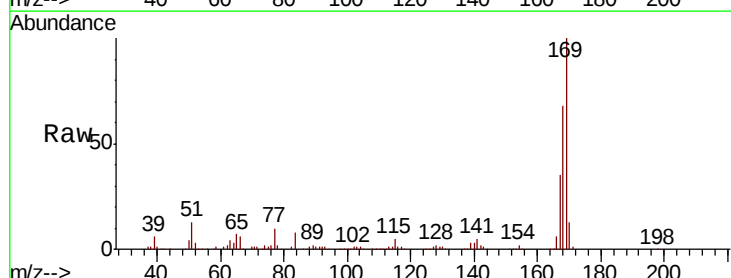


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

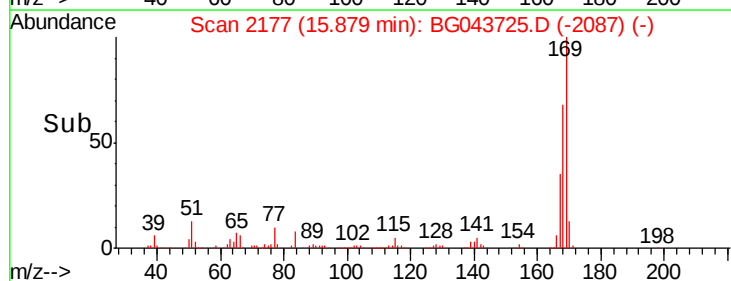
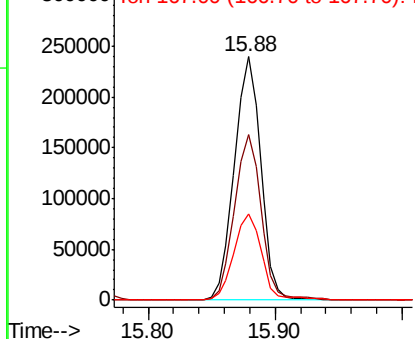


#66
n-Nitrosodiphenylamine
Concen: 45.284 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:169 Resp: 345274
Ion Ratio Lower Upper
169 100
168 68.2 56.2 84.4
167 35.2 29.8 44.8



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

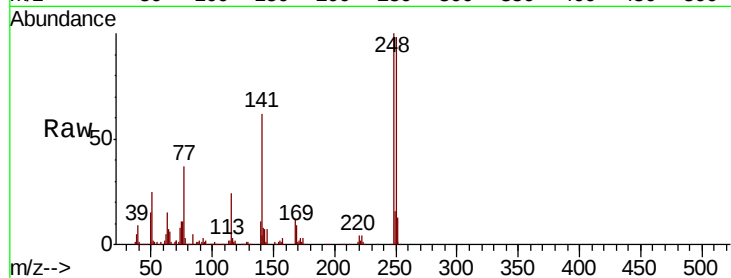




#67
4-Bromophenyl-phenylether
Concen: 43.677 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.3	114.5
141	61.7	49.5	74.3

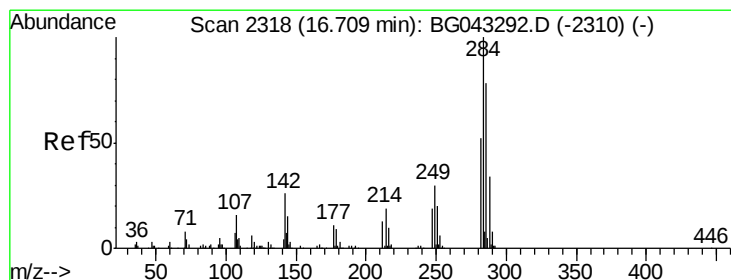
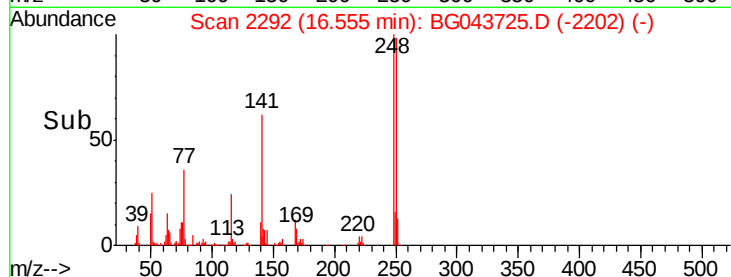
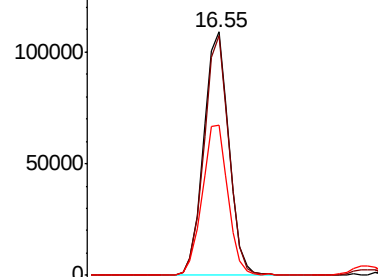


Abundance

Ion 248.00 (247.70 to 248.70): E

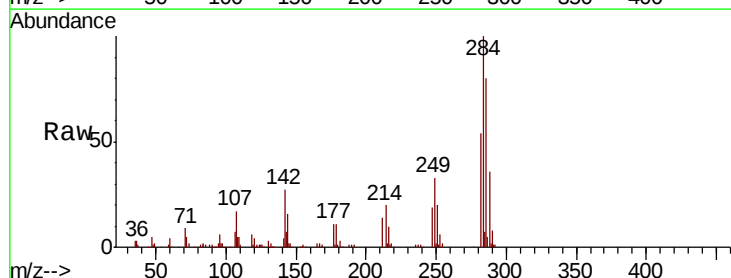
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.821 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	23.2	34.8
249	33.0	27.0	40.4

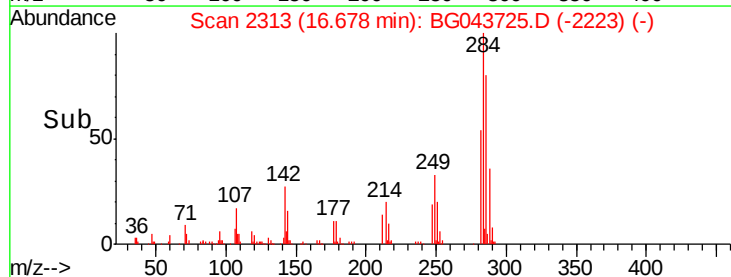
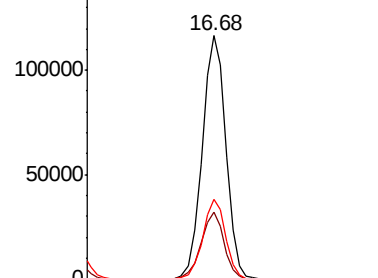


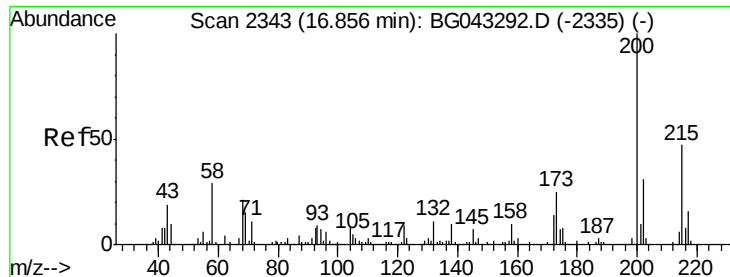
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 51.923 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

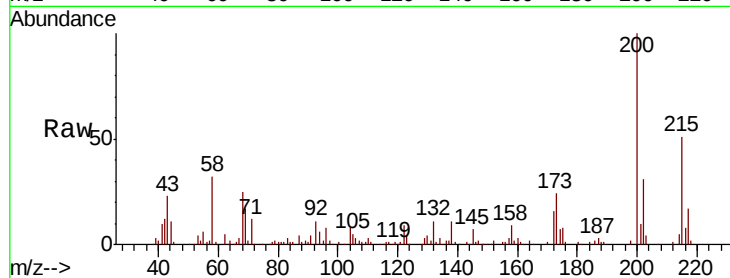
Tot Ion:200 Resp: 137565

Ion Ratio Lower Upper

200 100

173 24.3 5.1 45.1

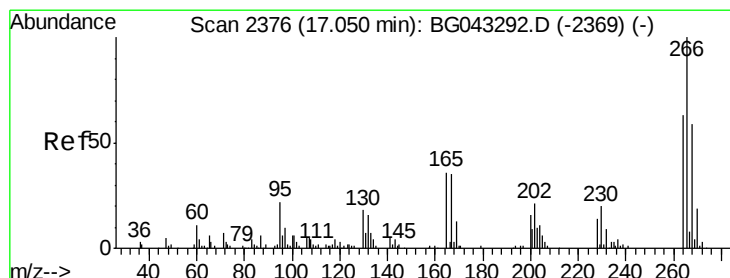
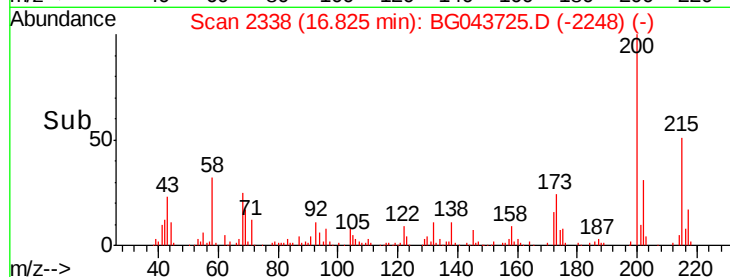
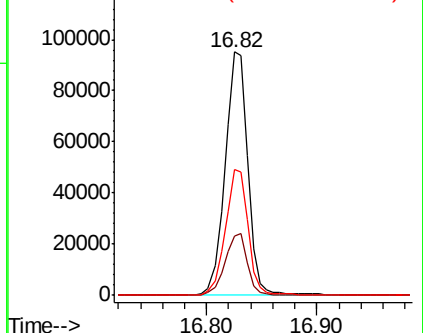
215 51.5 29.8 69.8



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: 92.700 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

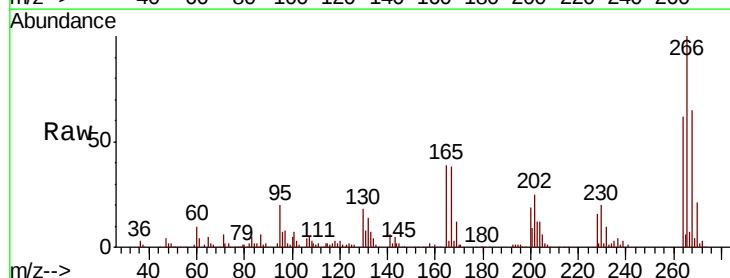
Tgt Ion:266 Resp: 176223

Ion Ratio Lower Upper

266 100

268 64.7 53.2 79.8

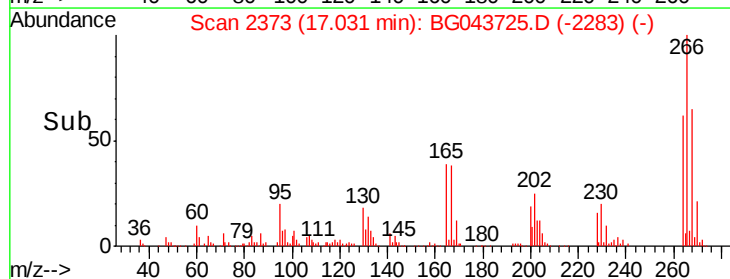
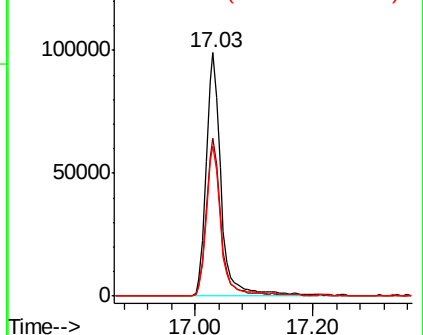
264 61.9 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

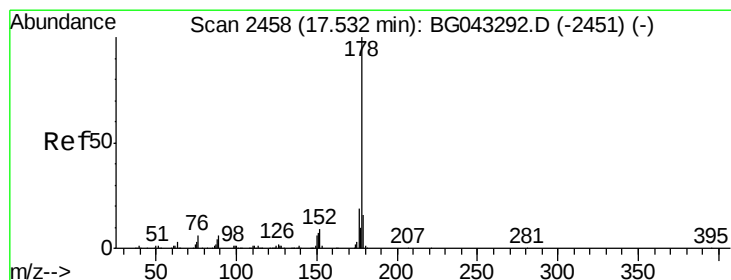
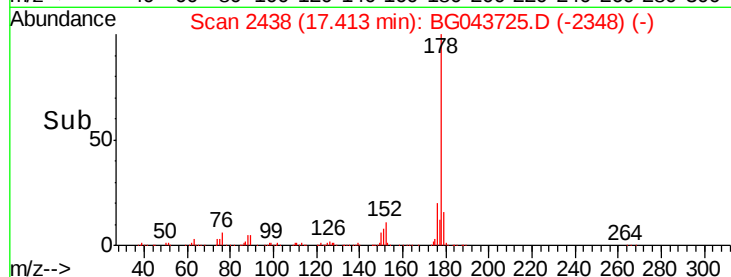
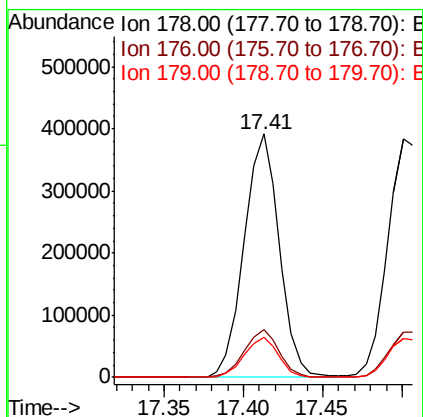
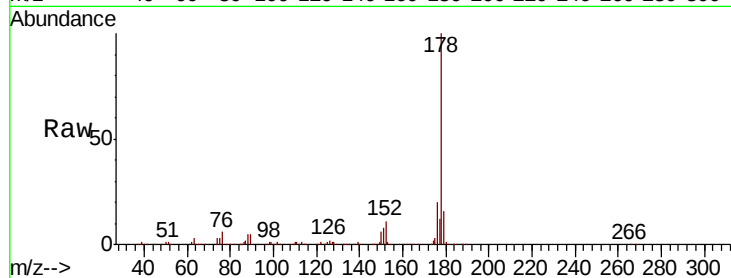




#71
Phenanthrene
Concen: 43.608 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

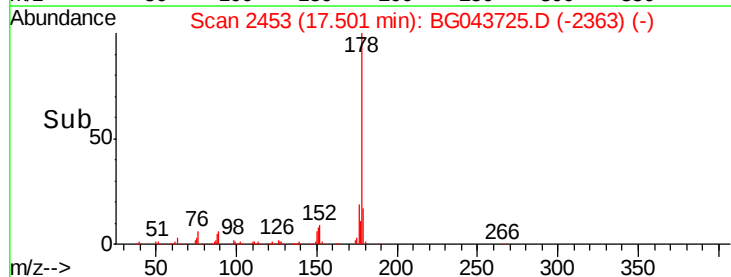
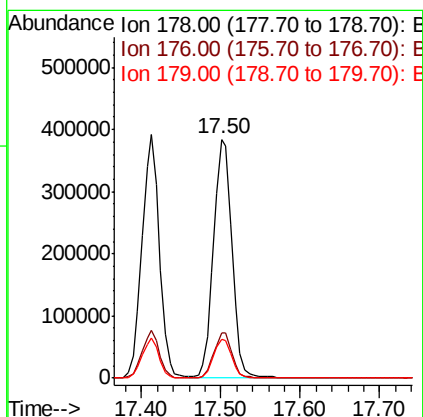
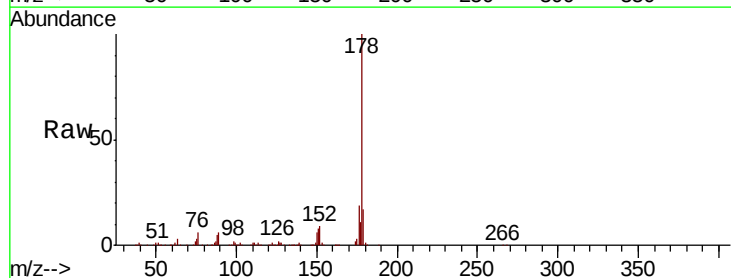
Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 603072
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 16.3 13.0 19.4



#72
Anthracene
Concen: 44.906 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:178 Resp: 621347
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 16.5 13.3 19.9

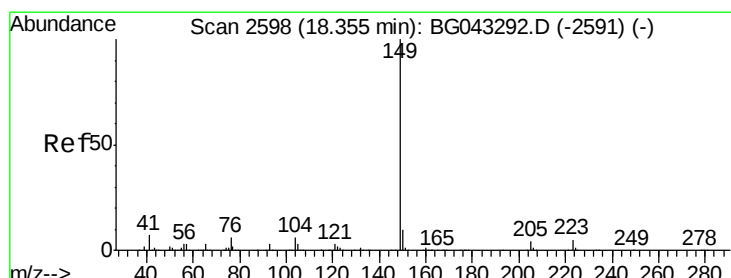
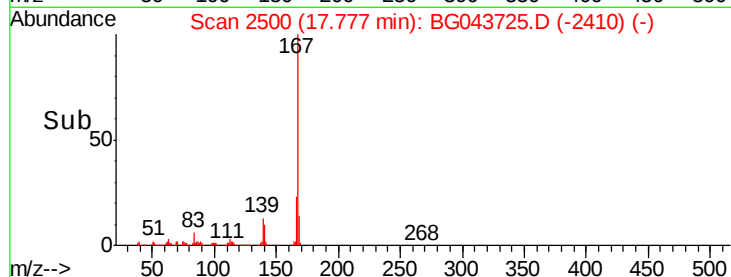
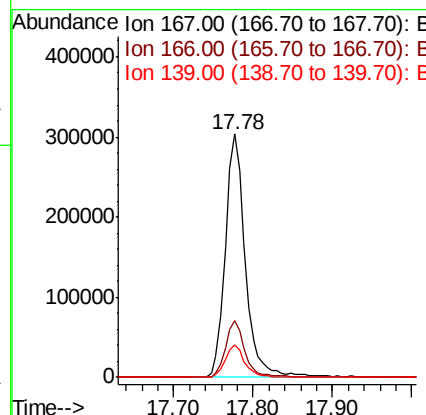
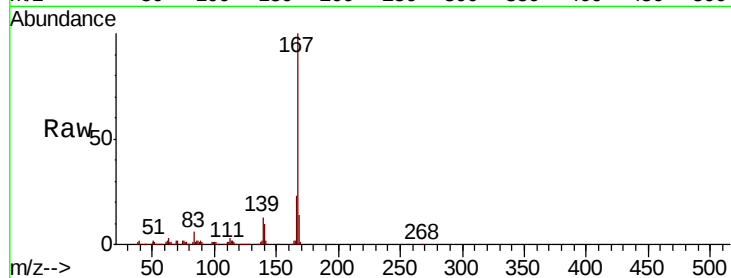




#73
 Carbazole
 Concen: 42.414 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

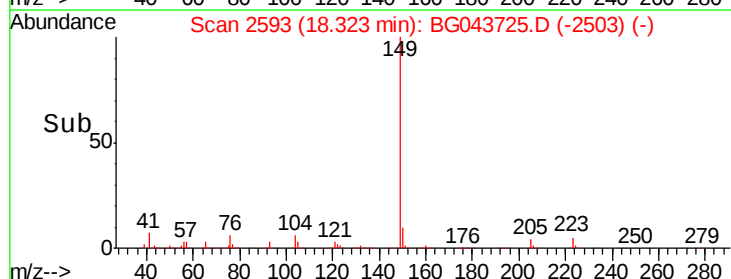
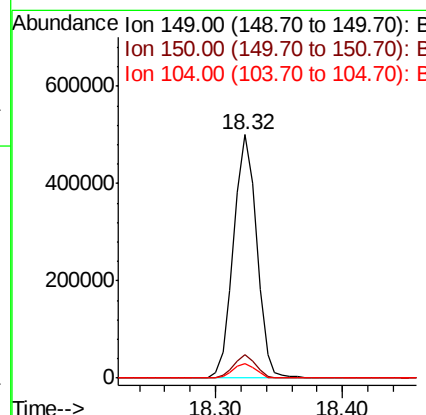
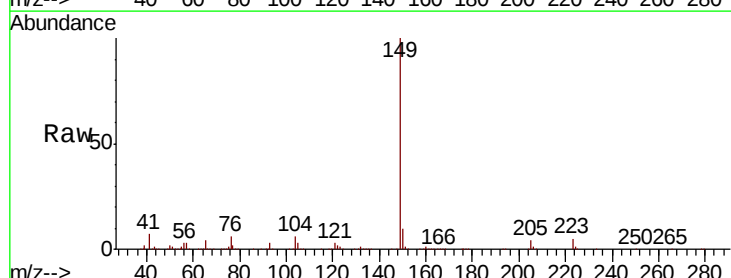
Instrument :
 BNA_G
 ClientSampleId :

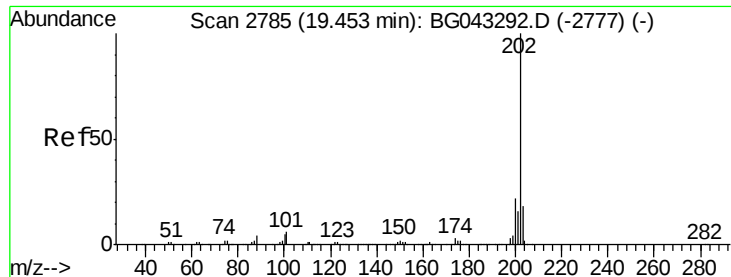
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	13.1	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 41.475 ng
 RT: 18.32 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	6.0	4.7	7.1





#75

Fluoranthene

Concen: 41.555 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

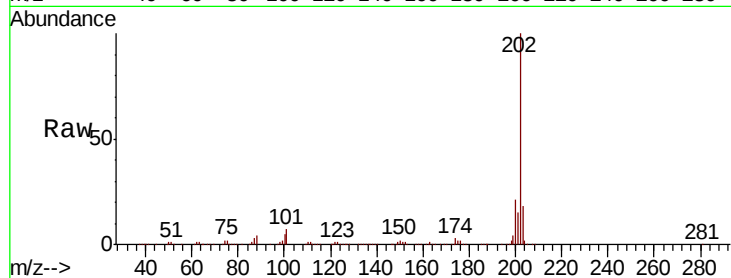
Tot Ion:202 Resp: 749202

Ion Ratio Lower Upper

202 100

101 6.7 0.0 25.6

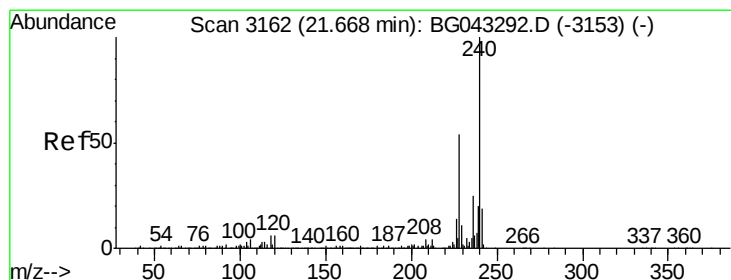
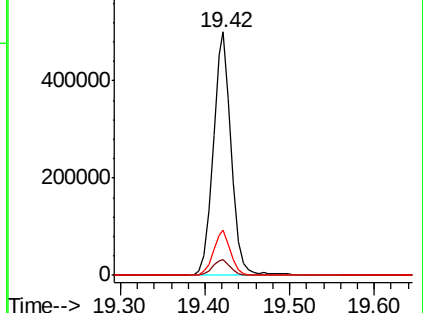
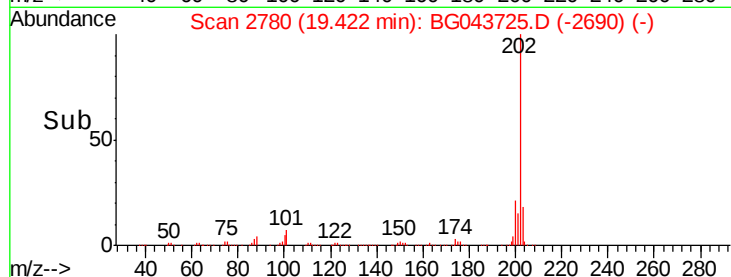
203 18.3 0.0 37.6



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: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

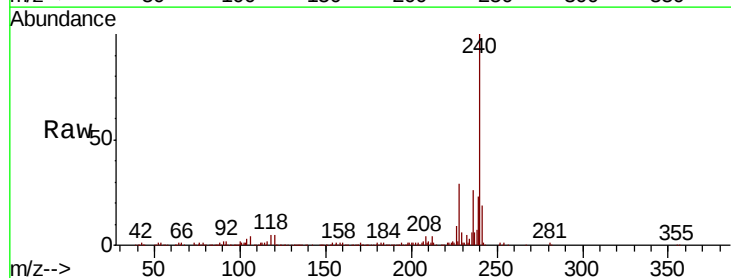
Tgt Ion:240 Resp: 278646

Ion Ratio Lower Upper

240 100

120 5.4 4.9 7.3

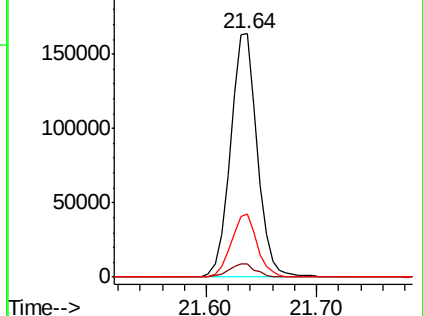
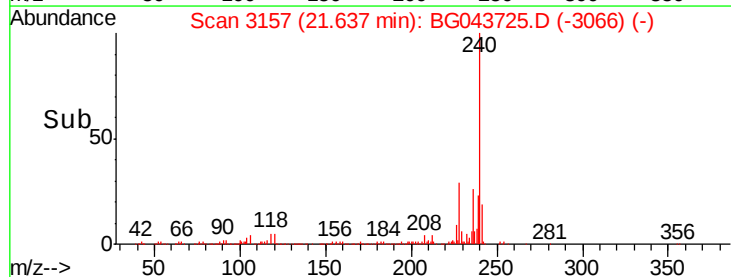
236 26.1 21.4 32.0



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: 25.394 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

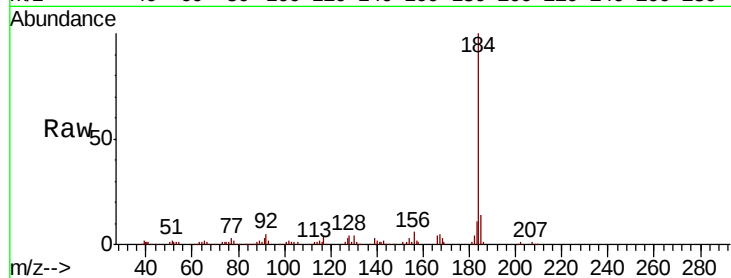
Tot Ion:184 Resp: 142407

Ion Ratio Lower Upper

184 100

185 14.2 12.7 19.1

183 11.3 8.8 13.2

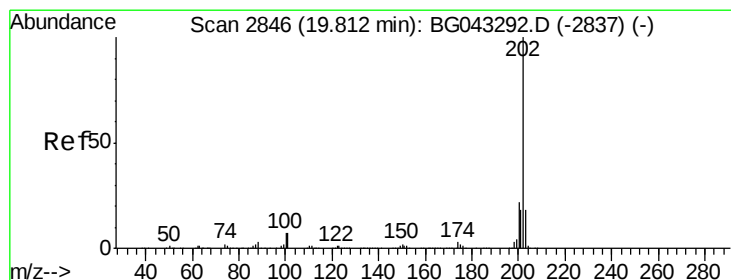
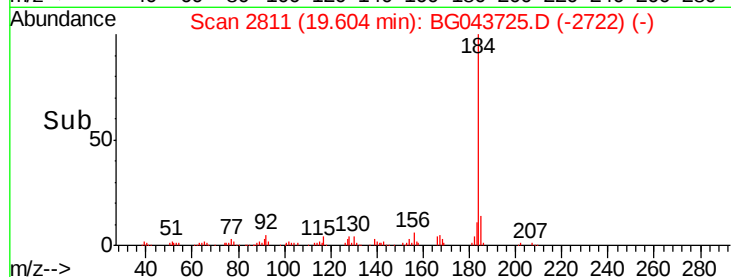
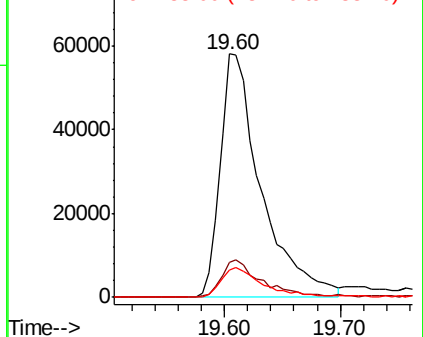


Abundance

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: 43.737 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

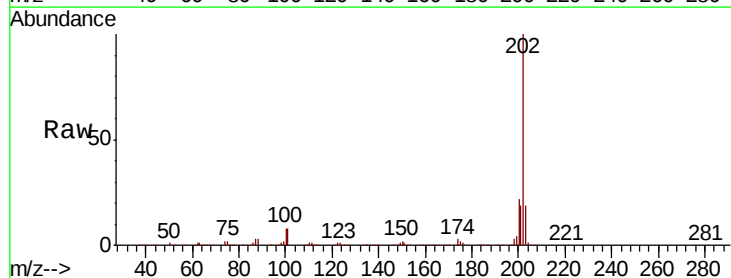
Tgt Ion:202 Resp: 754372

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

203 18.8 14.8 22.2

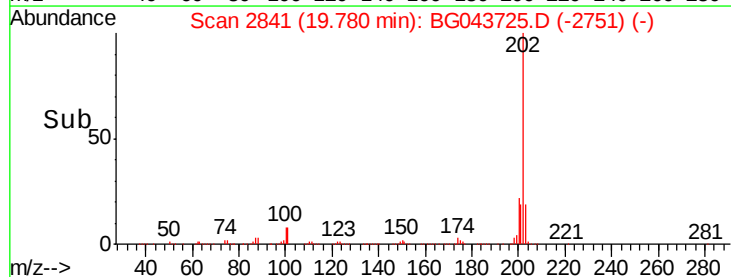
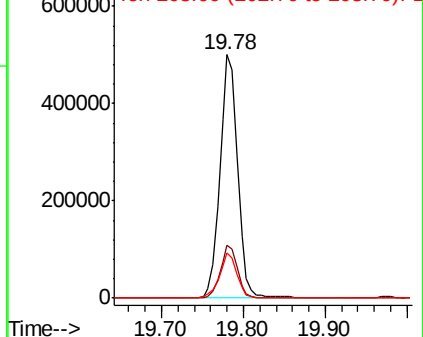


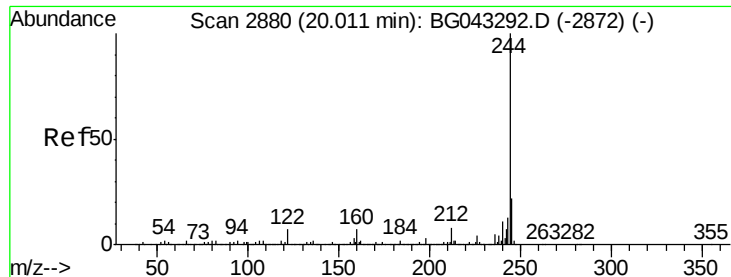
Abundance

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: 67.008 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

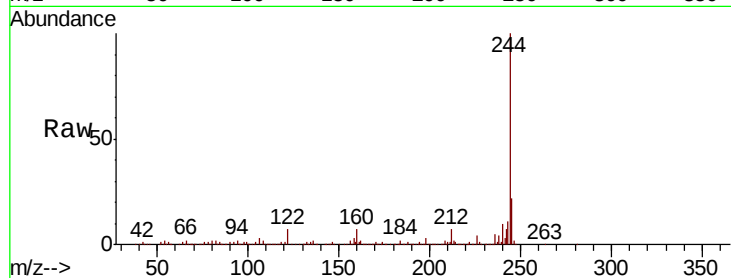
Tot Ion:244 Resp: 995254

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

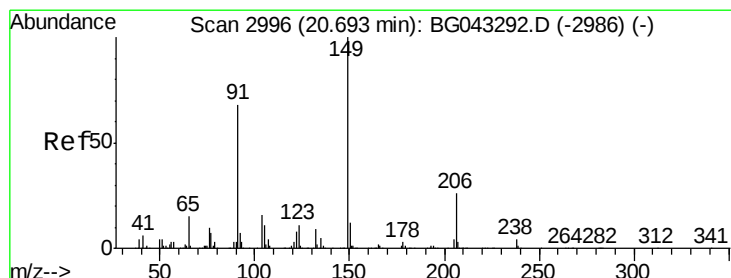
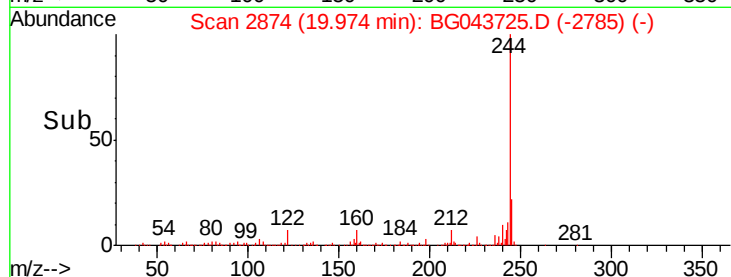
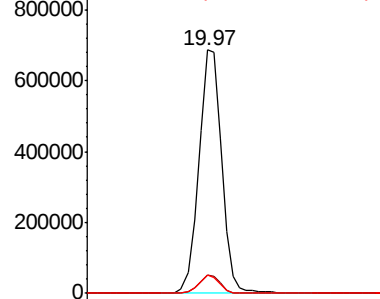
122 7.3 5.2 7.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.276 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

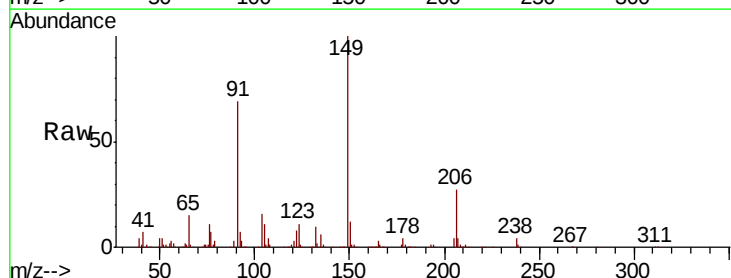
Tgt Ion:149 Resp: 282790

Ion Ratio Lower Upper

149 100

91 68.8 55.4 83.0

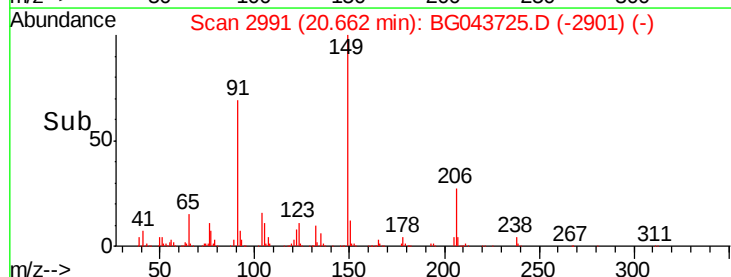
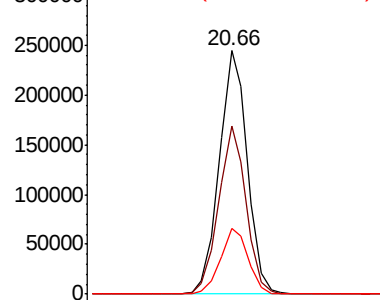
206 26.9 20.2 30.4

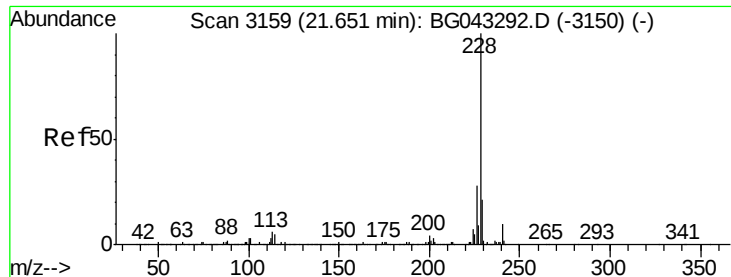


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.306 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampleId :

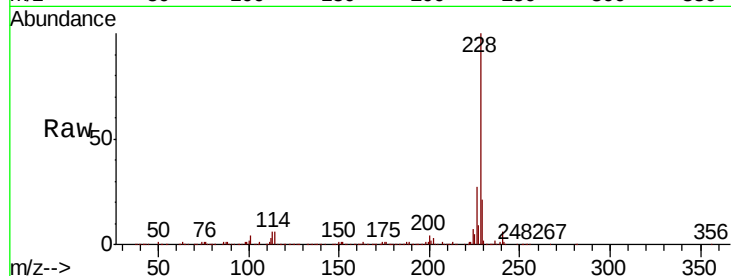
Tot Ion:228 Resp: 773318

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

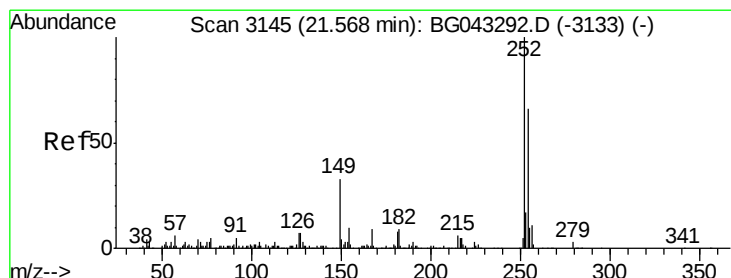
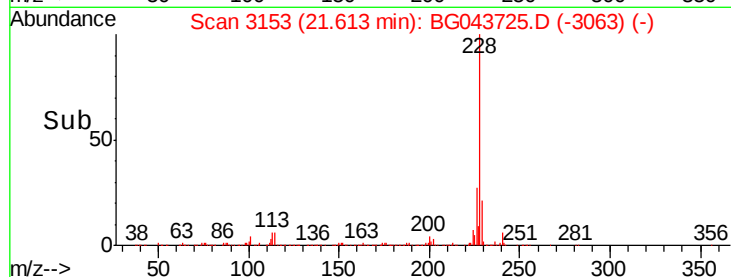
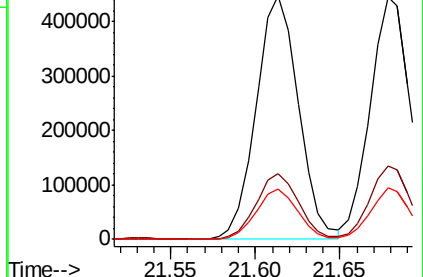
229 20.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

600000 Ion 226.00 (225.70 to 226.70): E

500000 Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.137 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

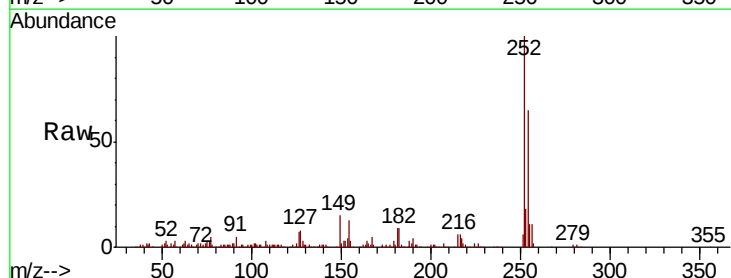
Tgt Ion:252 Resp: 270961

Ion Ratio Lower Upper

252 100

254 65.2 50.2 75.4

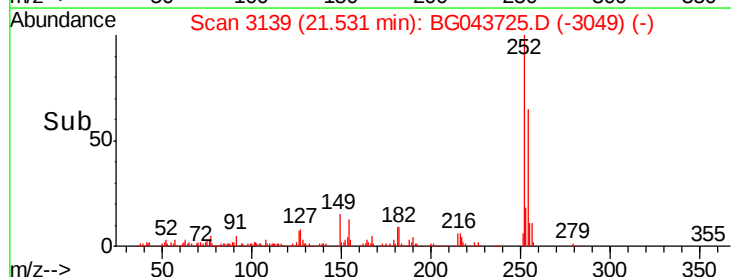
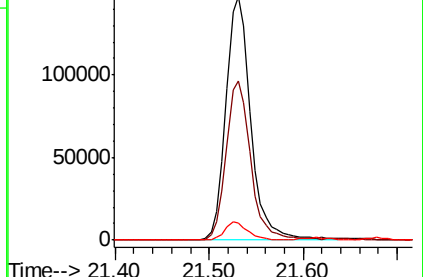
126 6.9 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

200000 Ion 254.00 (253.70 to 254.70): E

150000 Ion 126.00 (125.70 to 126.70): E

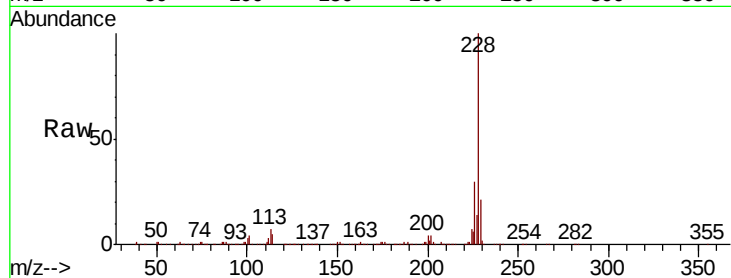




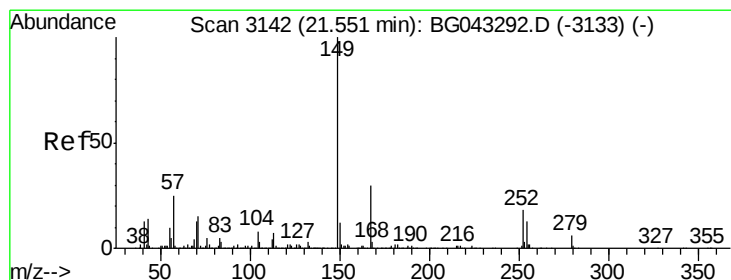
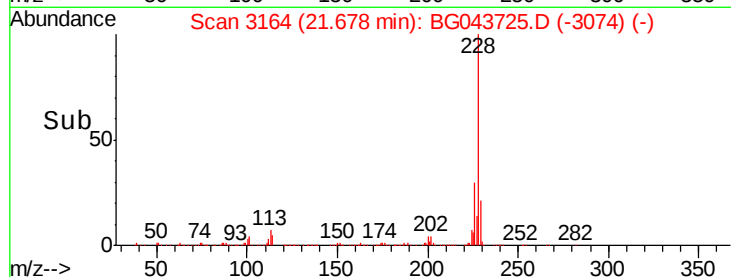
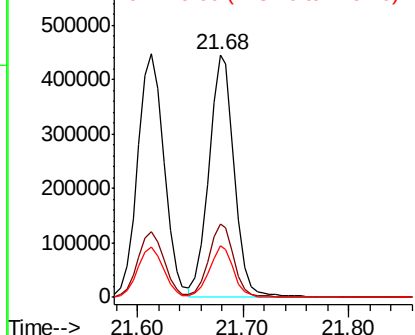
#83
 Chrvsene
 Concen: 42.779 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 741882
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.3 34.9
 229 21.3 16.5 24.7

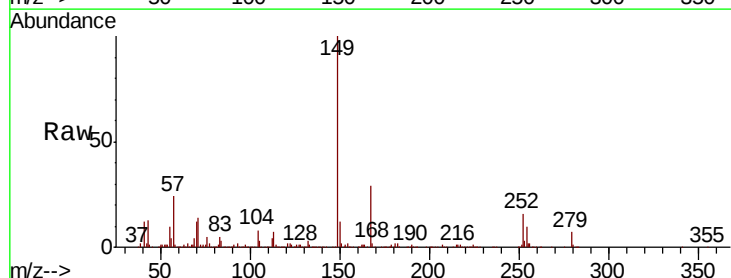


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

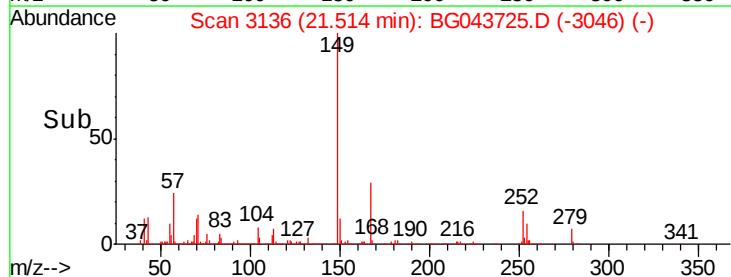
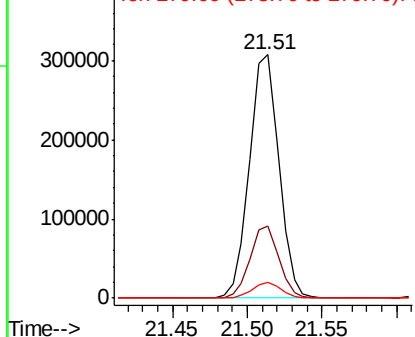


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.083 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion:149 Resp: 418482
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.8 37.2
 279 6.5 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

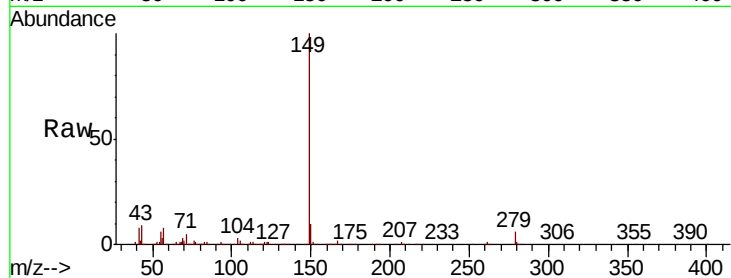




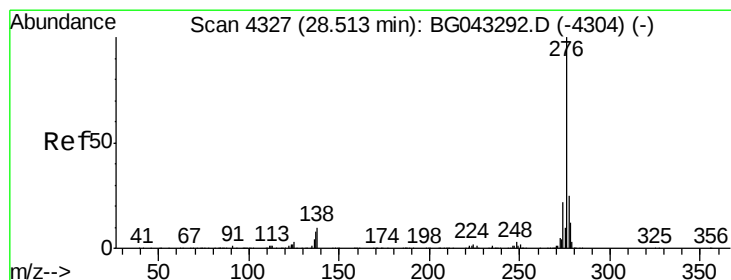
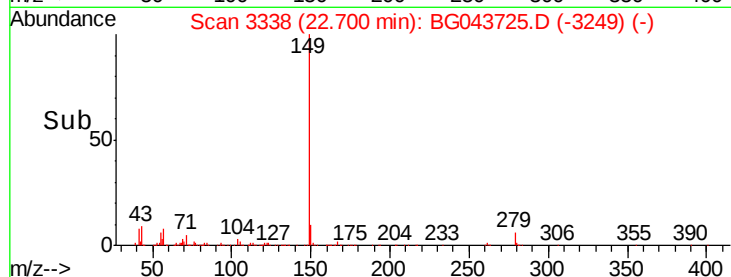
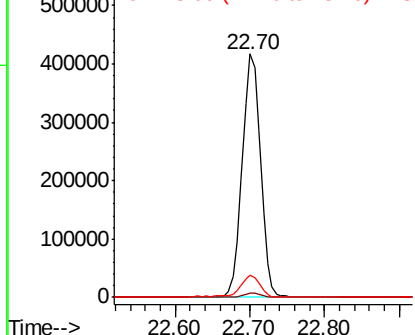
#85
Di-n-octyl phthalate
Concen: 45.130 ng
RT: 22.70 min Scan# 3338
Delta R.T. -0.01 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 710718
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 9.0 7.8 11.8

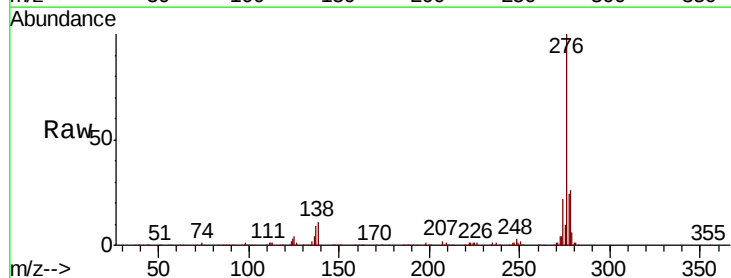


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

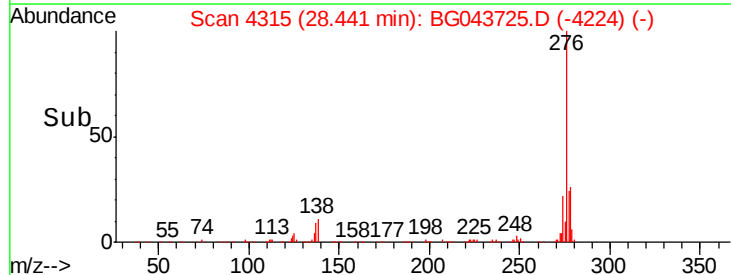
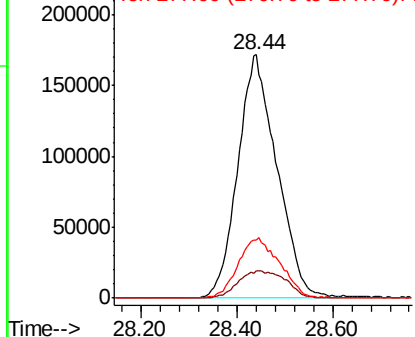


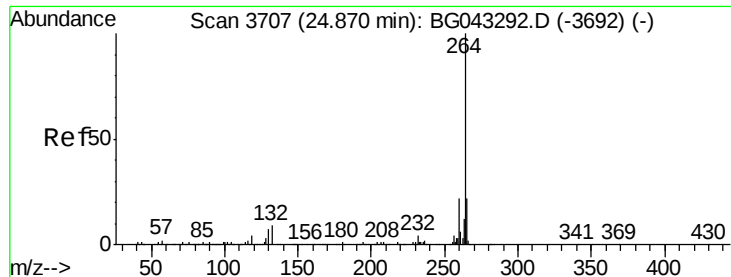
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.582 ng
RT: 28.44 min Scan# 4315
Delta R.T. 0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:276 Resp: 970488
Ion Ratio Lower Upper
276 100
138 13.8 11.3 16.9
277 26.4 20.6 31.0



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: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

Instrument :

BNA_G

ClientSampled :

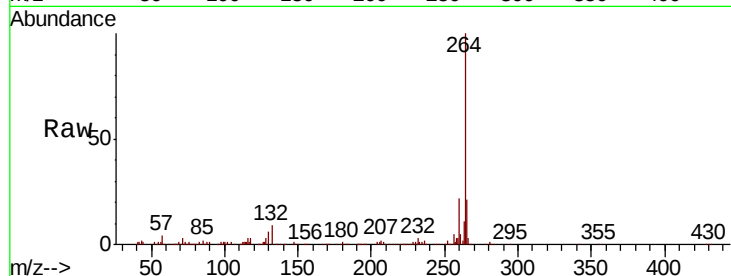
Tot Ion:264 Resp: 300645

Ion Ratio Lower Upper

264 100

260 21.7 18.4 27.6

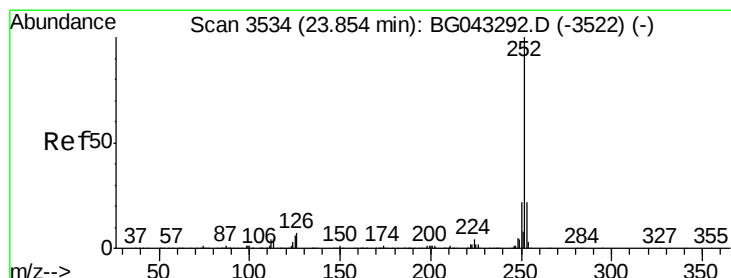
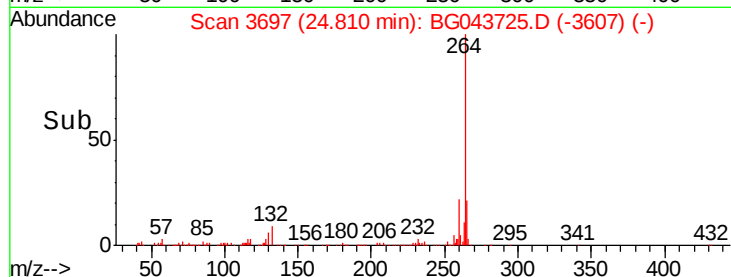
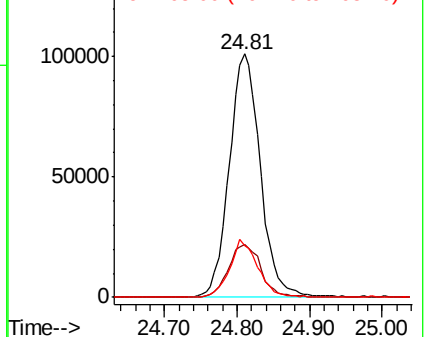
265 21.4 15.8 23.8



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: 48.539 ng

RT: 23.81 min Scan# 3526

Delta R.T. 0.00 min

Lab File: BG043725.D

Acq: 20 Nov 2019 13:19

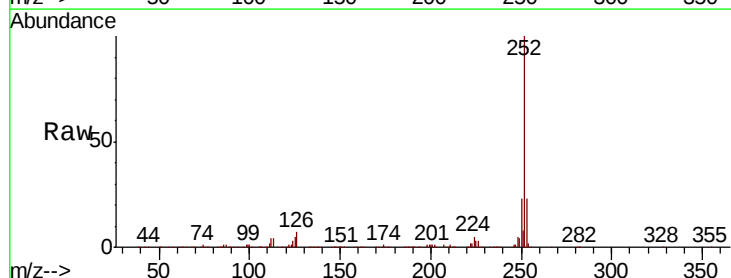
Tgt Ion:252 Resp: 826504

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

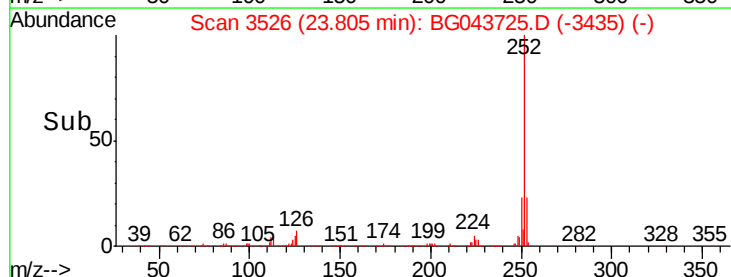
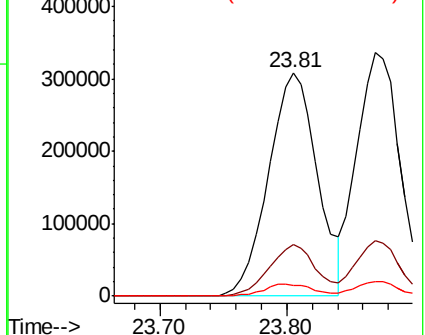
125 5.0 4.5 6.7

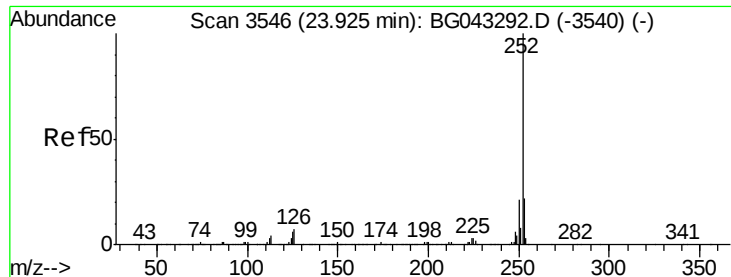


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

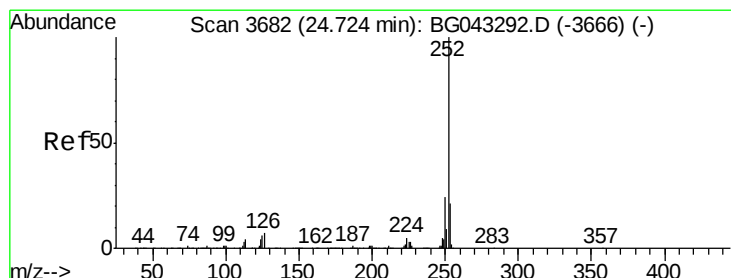
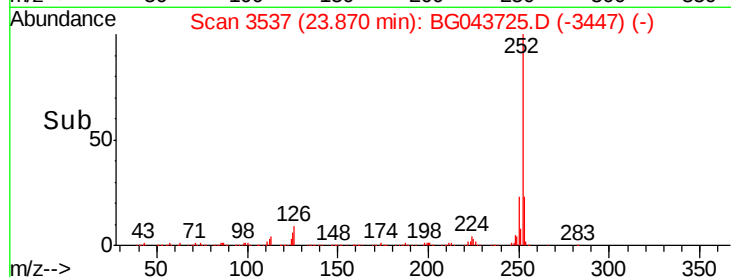
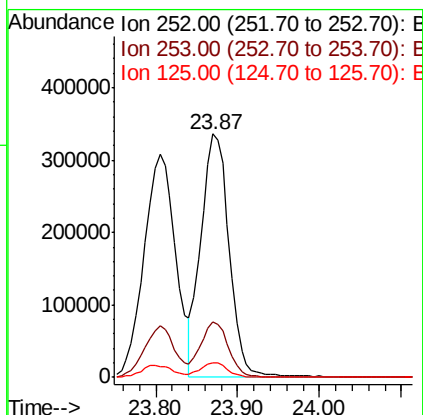
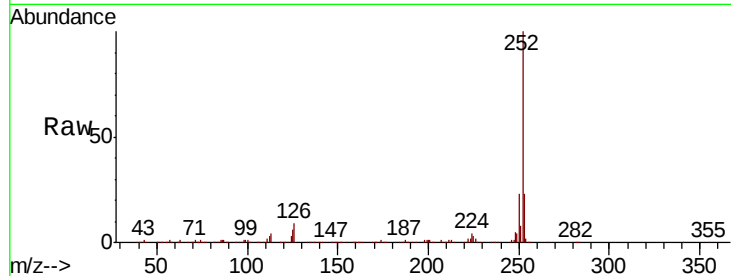




#89
Benzo(k)fluoranthene
Concen: 46.773 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

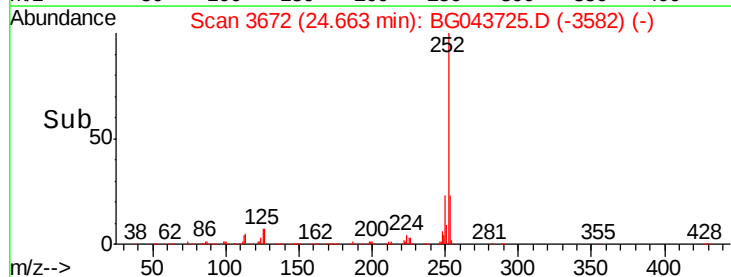
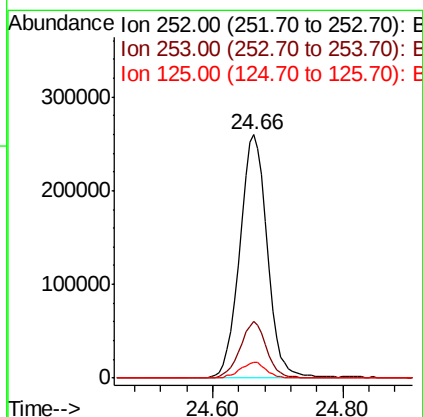
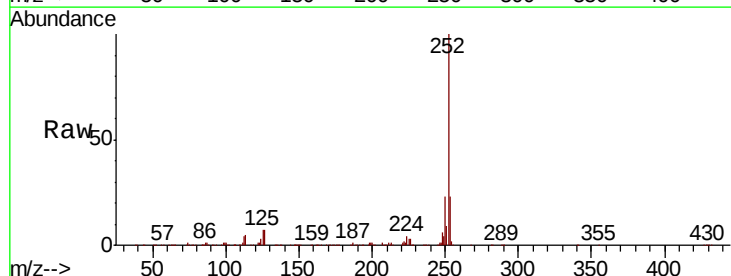
Instrument :
BNA_G
ClientSampleId :

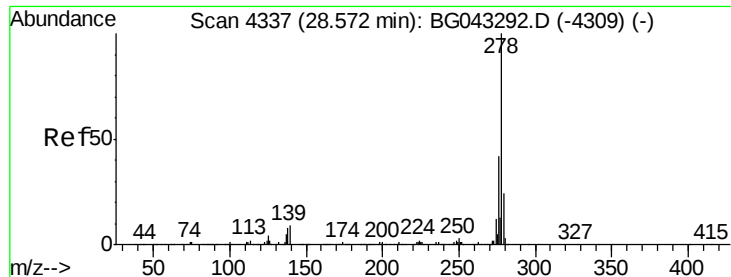
Tot Ion:252 Resp: 801767
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 5.9 4.7 7.1



#90
Benzo(a)pyrene
Concen: 46.521 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG043725.D
Acq: 20 Nov 2019 13:19

Tgt Ion:252 Resp: 756440
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 6.6 5.0 7.6

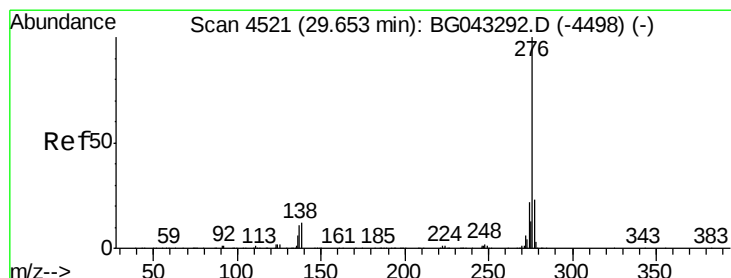
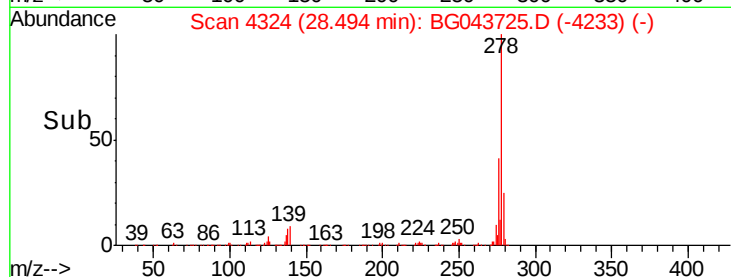
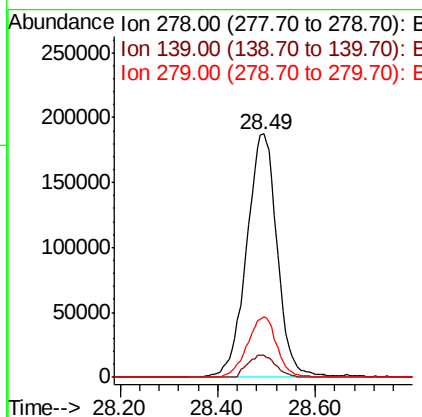
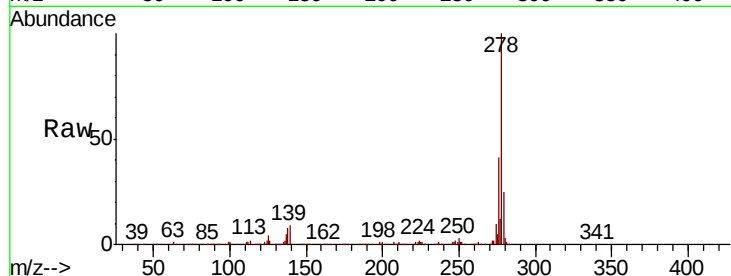




#91
 Dibenzo(a,h)anthracene
 Concen: 49.324 ng
 RT: 28.49 min Scan# 4324
 Delta R.T. 0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:278 Resp: 820346
 Ion Ratio Lower Upper
 278 100
 139 9.3 7.2 10.8
 279 25.0 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 49.749 ng
 RT: 29.58 min Scan# 4509
 Delta R.T. 0.00 min
 Lab File: BG043725.D
 Acq: 20 Nov 2019 13:19

Tgt Ion:276 Resp: 816165
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.8 29.6
 138 11.5 9.7 14.5

