

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043069.D
 Acq On : 7 Oct 2019 15:58
 Operator : JU
 Sample : K5168-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 08 01:46:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48646	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	198113	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	156289	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	395048	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	430285	20.00	ng	-0.02
87) Perylene-d12	24.91	264	493030	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	328822	120.63	ng	-0.01
7) Phenol-d6	7.24	99	491542	125.22	ng	0.00
23) Nitrobenzene-d5	9.22	82	297016	72.87	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	342654	127.50	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	732043	67.90	ng	-0.02
79) Terphenyl-d14	20.03	244	1466964	72.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	37550	33.041	ng	89
3) Pyridine	3.93	79	95059	29.739	ng	87
4) n-Nitrosodimethylamine	3.85	42	59314	38.587	ng	85
6) Aniline	7.39	93	196316	41.431	ng	98
8) 2-Chlorophenol	7.63	128	145883	51.318	ng	98
9) Benzaldehyde	7.19	77	88166	36.756	ng	87
10) Phenol	7.26	94	204888	56.891	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	122894	44.103	ng	96
12) 1,3-Dichlorobenzene	7.95	146	147938	40.795	ng	96
13) 1,4-Dichlorobenzene	8.09	146	157122	43.463	ng	98
14) 1,2-Dichlorobenzene	8.42	146	149294	43.378	ng	95
15) Benzyl Alcohol	8.30	79	145549	49.318	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	187390	35.017	ng	96
17) 2-Methylphenol	8.50	107	129210	51.275	ng	97
18) Hexachloroethane	9.14	117	55507	40.770	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	114414	44.389	ng	92
20) 3+4-Methylphenols	8.83	107	178161	51.591	ng	95
22) Acetophenone	8.88	105	222456	43.561	ng	# 94
24) Nitrobenzene	9.26	77	175644	45.178	ng	98
25) Isophorone	9.79	82	331202	46.260	ng	97
26) 2-Nitrophenol	9.97	139	86033	51.982	ng	97
27) 2,4-Dimethylphenol	10.04	122	143272	56.369	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	179829	44.270	ng	97
29) 2,4-Dichlorophenol	10.51	162	168905	53.432	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	179318	43.927	ng	95
31) Naphthalene	10.91	128	455102	46.666	ng	99
32) Benzoic acid	10.19	122	92352	46.902	ng	96
33) 4-Chloroaniline	11.02	127	125357	29.623	ng	95
34) Hexachlorobutadiene	11.20	225	126138	41.268	ng	96
35) Caprolactam	11.79	113	26803	24.044	ng	# 85
36) 4-Chloro-3-methylphenol	12.15	107	188664	54.892	ng	97
37) 2-Methylnaphthalene	12.51	142	368225	49.494	ng	98
38) 1-Methylnaphthalene	12.73	142	343812	48.838	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	236921	40.318	ng	98

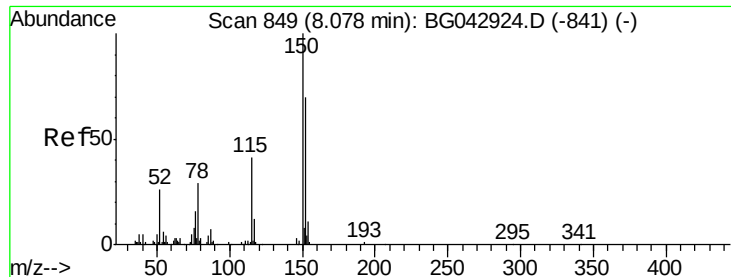
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	323887	86.505	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	166704	48.468	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	178203	50.295	ng	95
46) 1,1'-Biphenyl	13.52	154	511507	43.157	ng	97
47) 2-Chloronaphthalene	13.56	162	395481	44.506	ng	99
48) 2-Nitroaniline	13.76	65	131520	44.507	ng	# 86
49) Acenaphthylene	14.40	152	655786	48.230	ng	100
50) Dimethylphthalate	14.13	163	673894	57.548	ng	98
51) 2,6-Dinitrotoluene	14.25	165	128414	51.494	ng	91
52) Acenaphthene	14.74	154	400190	43.971	ng	99
53) 3-Nitroaniline	14.59	138	93464	36.266	ng	95
54) 2,4-Dinitrophenol	14.79	184	164429	106.078	ng	92
55) Dibenzofuran	15.08	168	647950	48.127	ng	99
56) 4-Nitrophenol	14.90	139	216180	110.091	ng	96
57) 2,4-Dinitrotoluene	15.04	165	184112	50.416	ng	97
58) Fluorene	15.73	166	554876	48.274	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	187774	49.774	ng	98
60) Diethylphthalate	15.50	149	570544	47.875	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	322108	46.726	ng	99
62) 4-Nitroaniline	15.75	138	139434	49.608	ng	97
63) Azobenzene	16.01	77	487970	44.974	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	118422	52.975	ng	95
66) n-Nitrosodiphenylamine	15.93	169	505210	48.444	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	228569	46.099	ng	96
68) Hexachlorobenzene	16.73	284	256847	46.525	ng	95
69) Atrazine	16.88	200	196448	44.734	ng	95
70) Pentachlorophenol	17.08	266	330032	103.603	ng	98
71) Phenanthrene	17.46	178	941721	48.828	ng	98
72) Anthracene	17.56	178	945485	49.106	ng	99
73) Carbazole	17.83	167	858827	48.101	ng	100
74) Di-n-butylphthalate	18.38	149	1002982	47.083	ng	99
75) Fluoranthene	19.47	202	1273676	49.929	ng	99
77) Benzidine	19.65	184	582939	54.107	ng	99
78) Pyrene	19.83	202	1265786	49.287	ng	99
80) Butylbenzylphthalate	20.72	149	454310	46.604	ng	97
81) Benzo(a)anthracene	21.67	228	1253625	46.758	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	392413	37.318	ng	96
83) Chrysene	21.74	228	1219994	46.891	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	651465	46.965	ng	98
85) Di-n-octyl phthalate	22.79	149	1111742	49.014	ng	95
86) Indeno(1,2,3-cd)pyrene	28.58	276	1606464	49.598	ng	# 96
88) Benzo(b)fluoranthene	23.89	252	1341965	48.104	ng	100
89) Benzo(k)fluoranthene	23.96	252	1336046	48.411	ng	100
90) Benzo(a)pyrene	24.76	252	1328076	50.459	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1344818	49.829	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1348199	51.557	ng	96

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

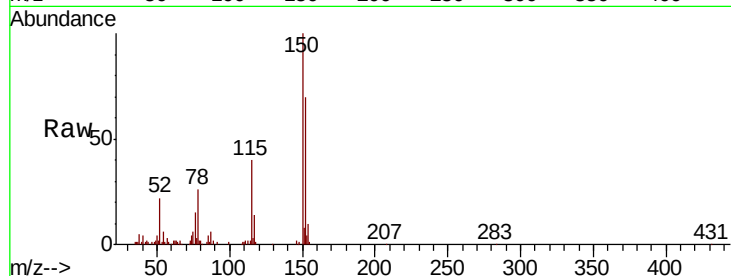


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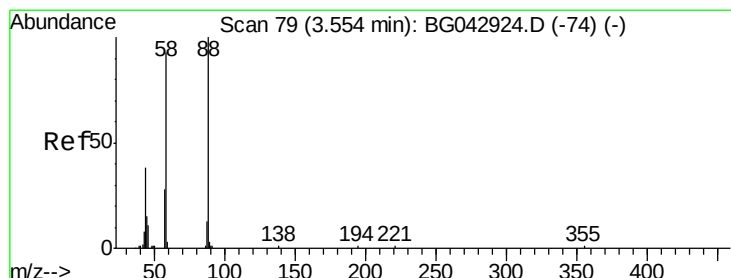
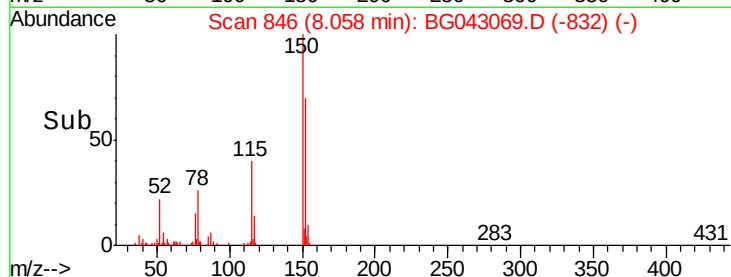
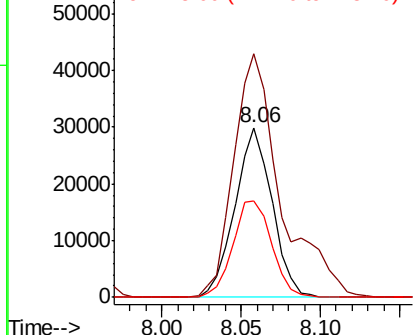
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48646
Ion Ratio Lower Upper
152 100
150 143.5 115.0 172.4
115 57.0 47.0 70.6



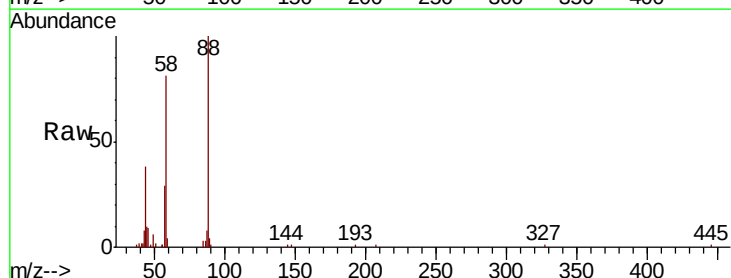
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



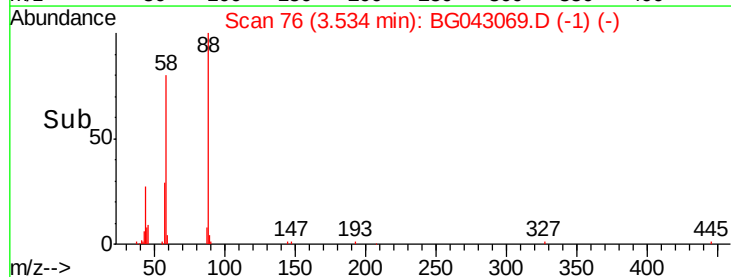
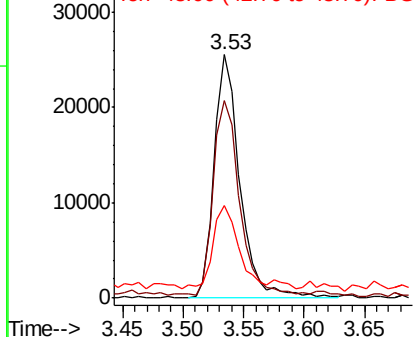
#2

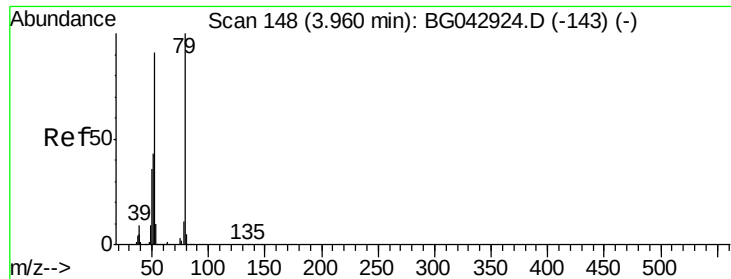
1,4-Dioxane
Concen: 33.041 ng
RT: 3.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion: 88 Resp: 37550
Ion Ratio Lower Upper
88 100
58 80.1 74.3 111.5
43 33.5 29.8 44.8



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: 29.739 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

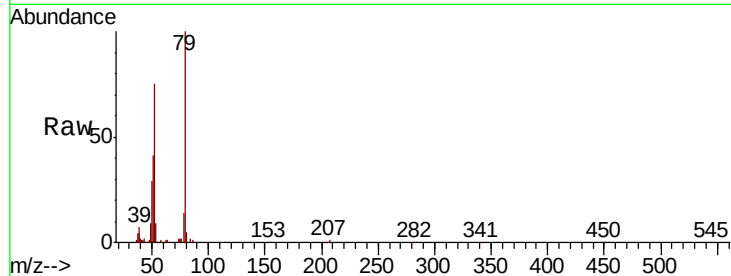
Tot Ion: 79 Resp: 95059

Ion Ratio Lower Upper

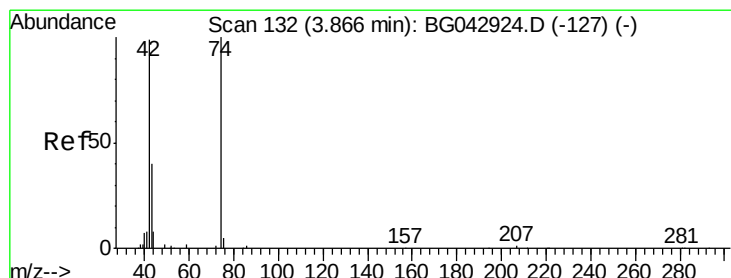
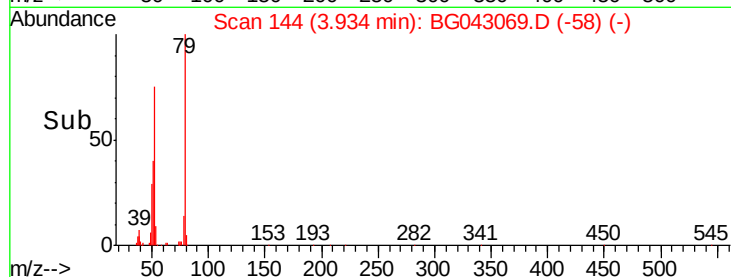
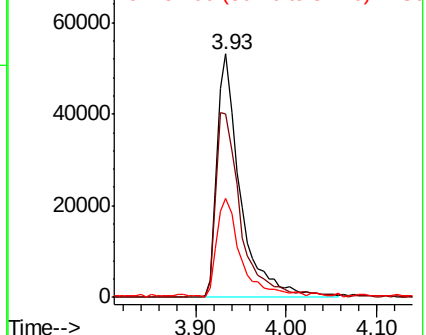
79 100

52 75.5 73.0 109.4

51 40.8 35.1 52.7



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



#4

n-Nitrosodimethylamine

Concen: 38.587 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

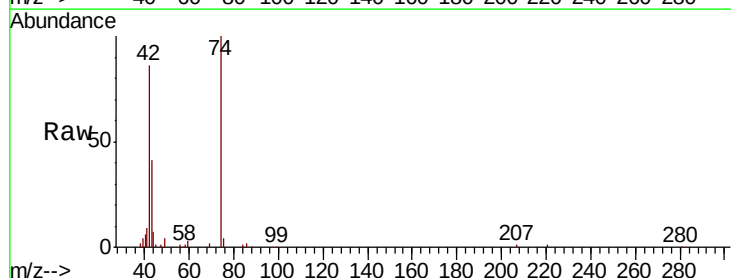
Tgt Ion: 42 Resp: 59314

Ion Ratio Lower Upper

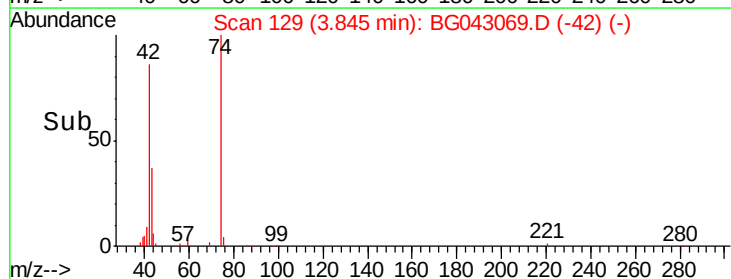
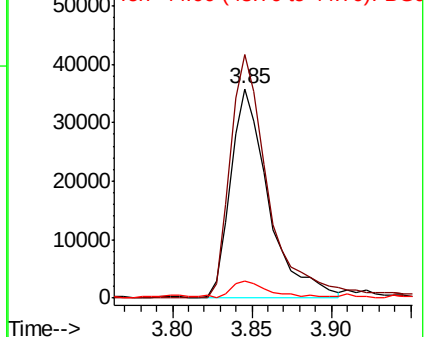
42 100

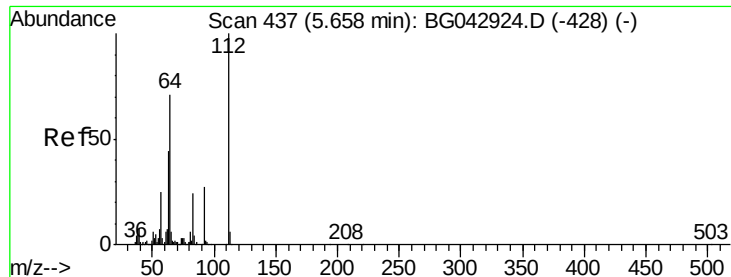
74 116.5 80.5 120.7

44 8.5 6.9 10.3



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





#5

2-Fluorophenol

Concen: 120.631 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

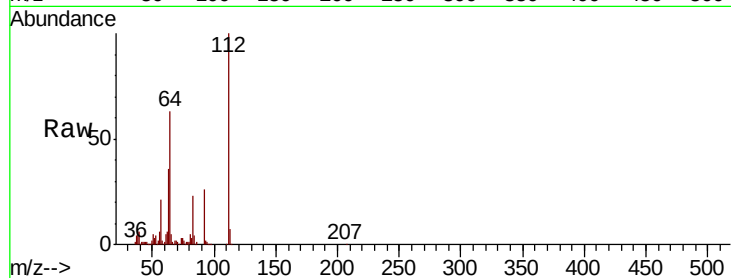
Tot Ion:112 Resp: 328822

Ion Ratio Lower Upper

112 100

64 63.2 56.6 84.8

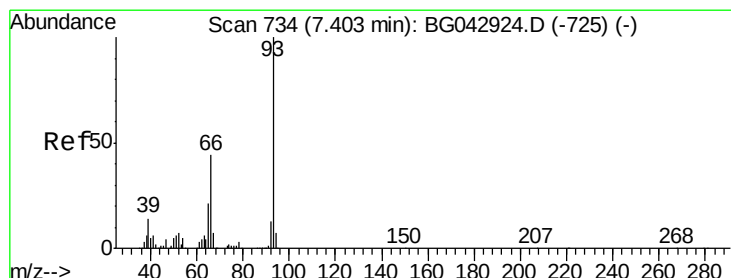
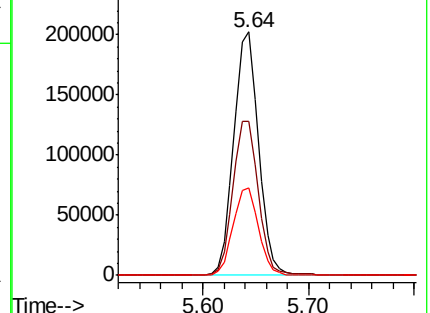
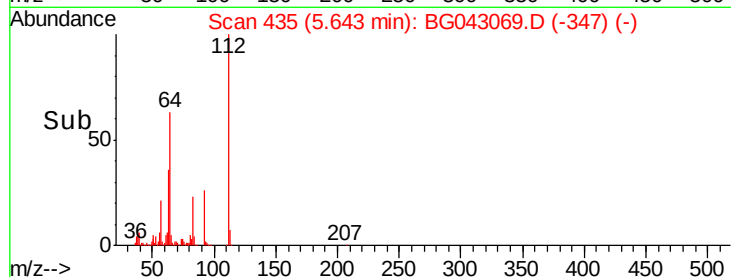
63 35.7 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.431 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

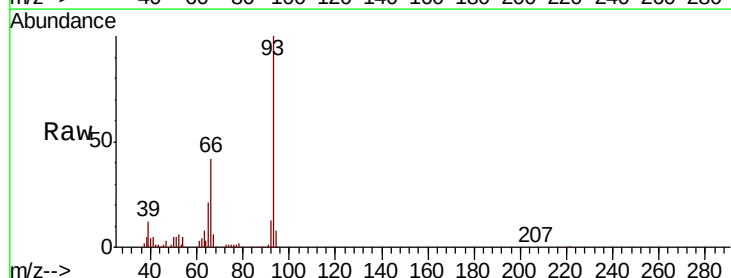
Tgt Ion: 93 Resp: 196316

Ion Ratio Lower Upper

93 100

66 42.2 35.0 52.6

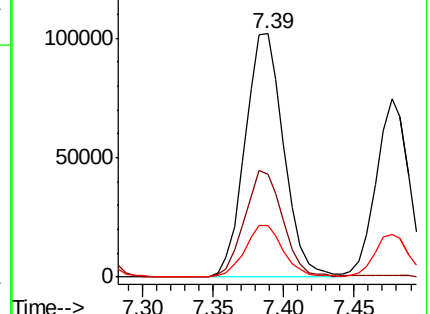
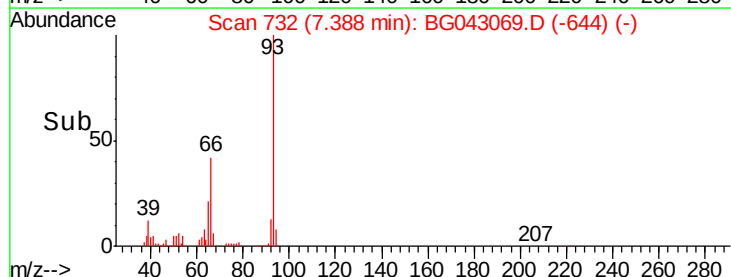
65 21.4 17.4 26.0

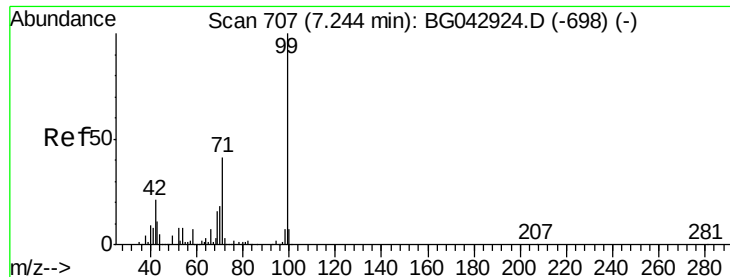


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.222 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

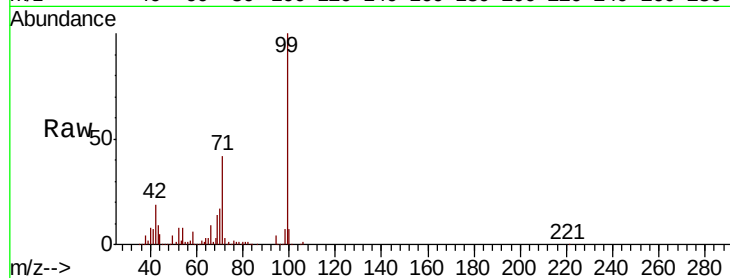
Tot Ion: 99 Resp: 491542

Ion Ratio Lower Upper

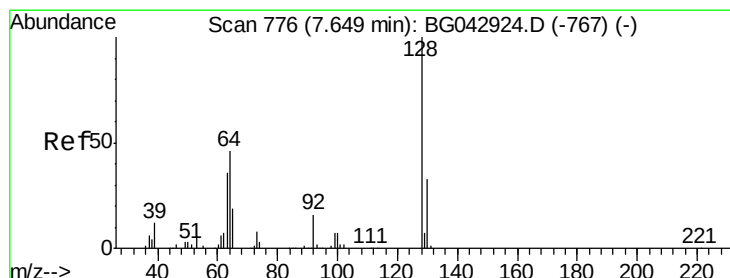
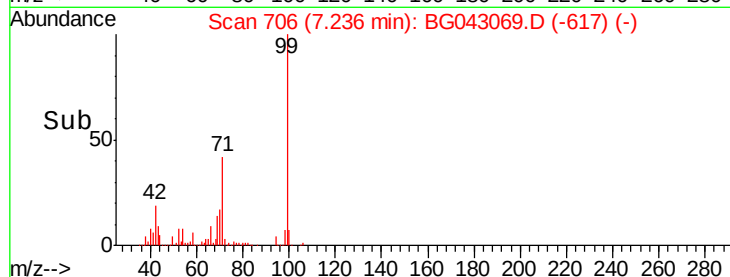
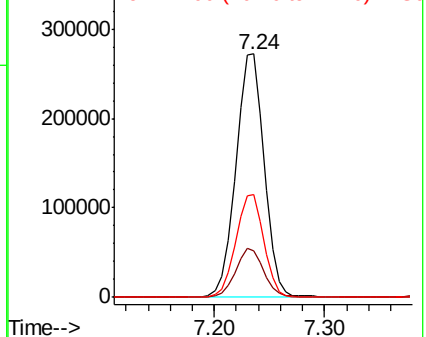
99 100

42 19.3 17.2 25.8

71 42.4 33.1 49.7



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



#8

2-Chlorophenol

Concen: 51.318 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

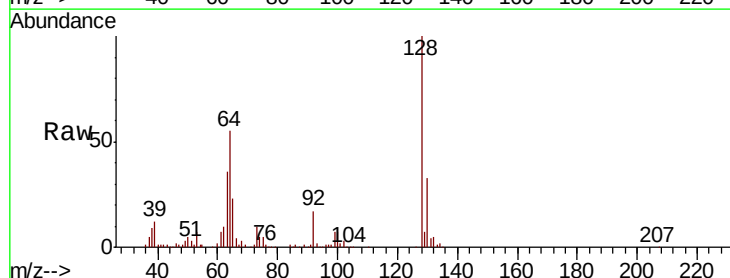
Tgt Ion: 128 Resp: 145883

Ion Ratio Lower Upper

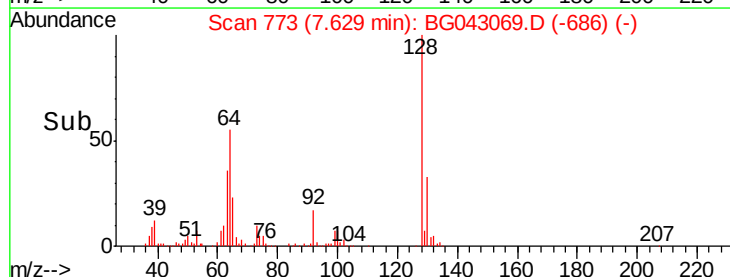
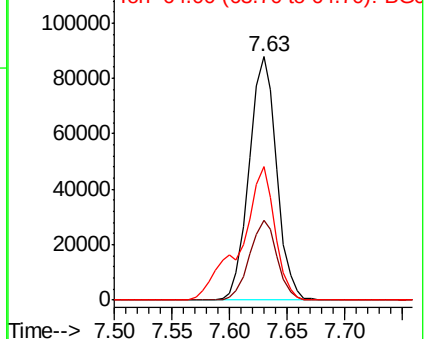
128 100

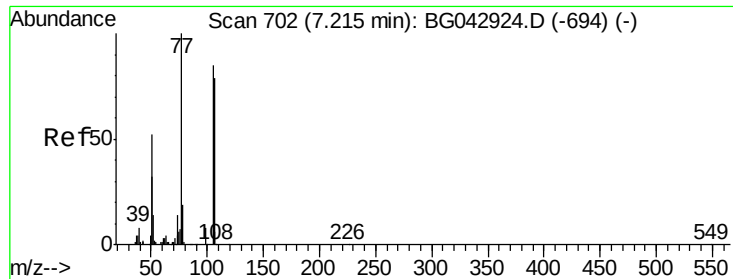
130 32.7 12.5 52.5

64 54.8 32.8 72.8



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





#9

Benzaldehyde

Concen: 36.756 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

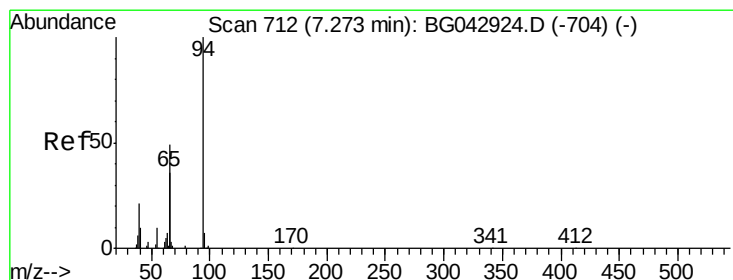
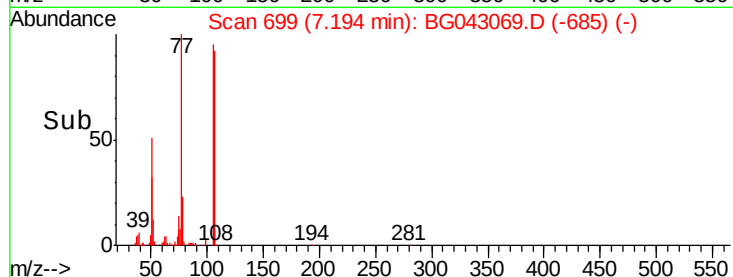
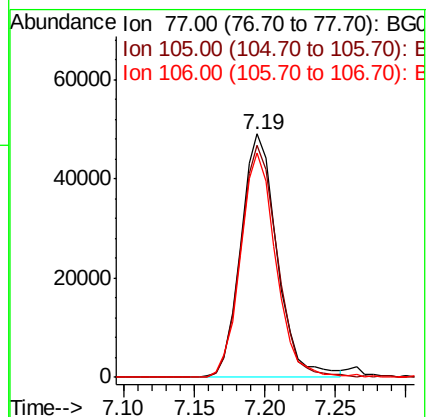
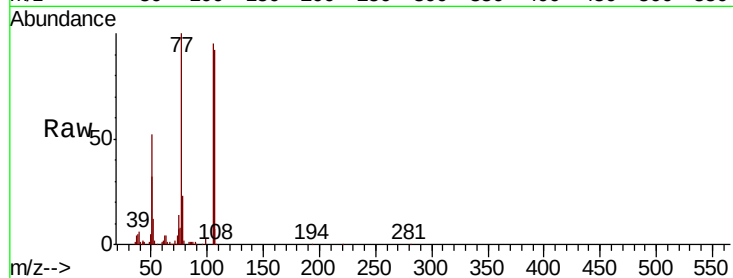
Tot Ion: 77 Resp: 88166

Ion Ratio Lower Upper

77 100

105 95.5 64.6 104.6

106 92.4 59.4 99.4



#10

Phenol

Concen: 56.891 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

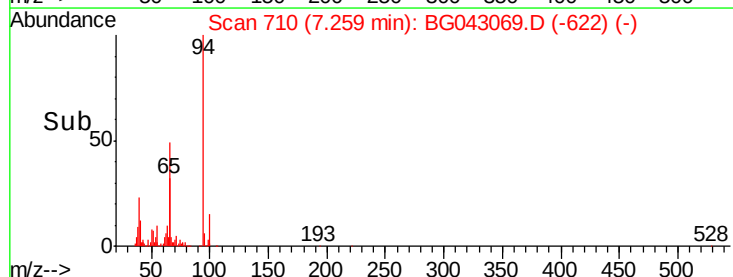
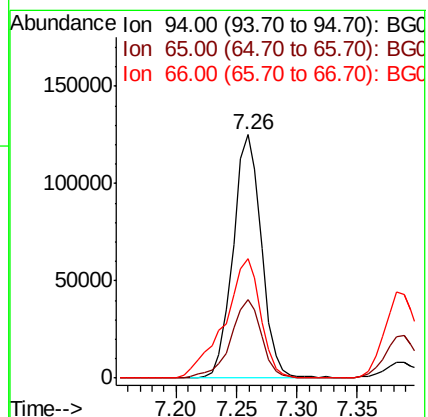
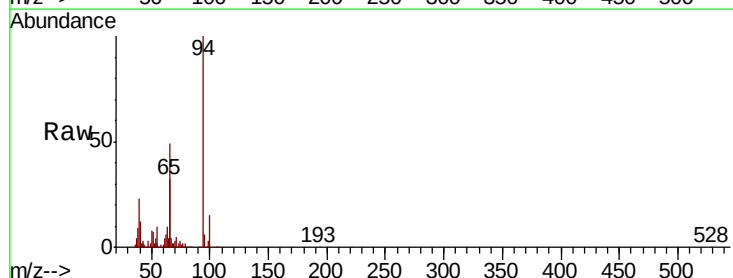
Tgt Ion: 94 Resp: 204888

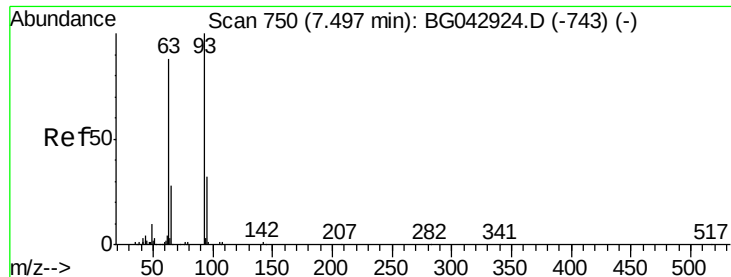
Ion Ratio Lower Upper

94 100

65 32.3 16.6 56.6

66 49.2 32.4 72.4

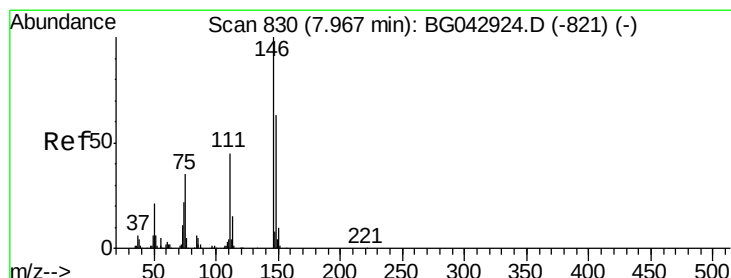
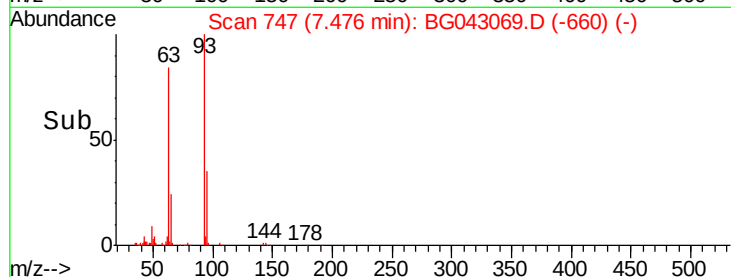
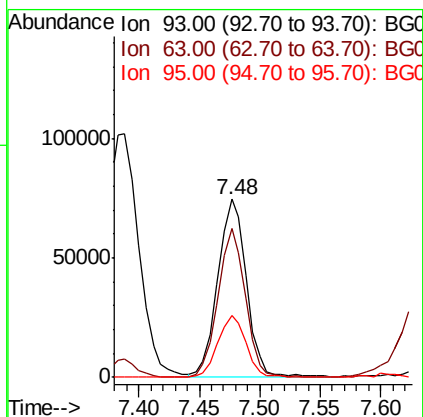
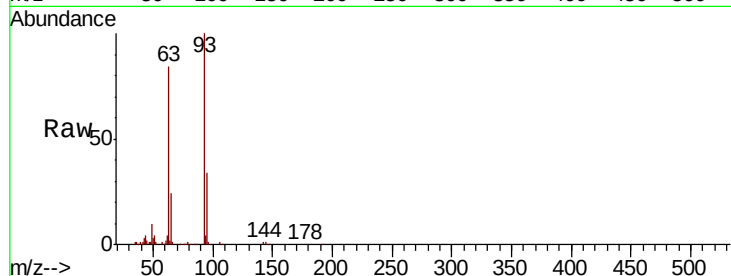




#11
bis(2-Chloroethyl)ether
Concen: 44.103 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

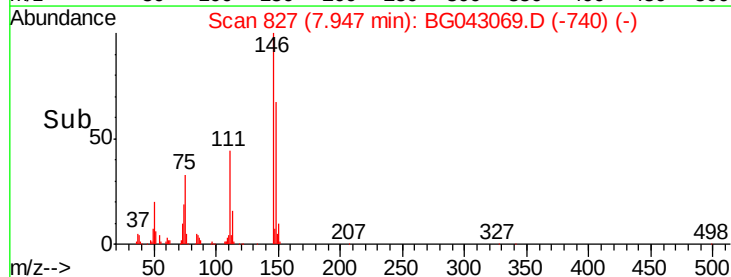
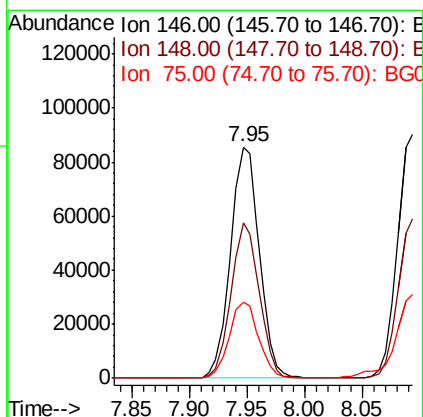
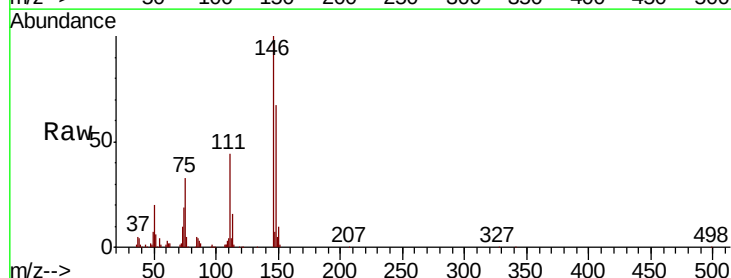
Instrument :
BNA_G
ClientSampleId :

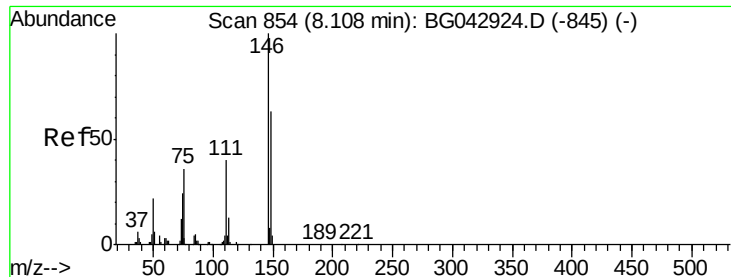
Tot Ion: 93 Resp: 122894
Ion Ratio Lower Upper
93 100
63 83.8 67.4 107.4
95 34.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.795 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion: 146 Resp: 147938
Ion Ratio Lower Upper
146 100
148 67.0 50.7 76.1
75 33.0 27.7 41.5

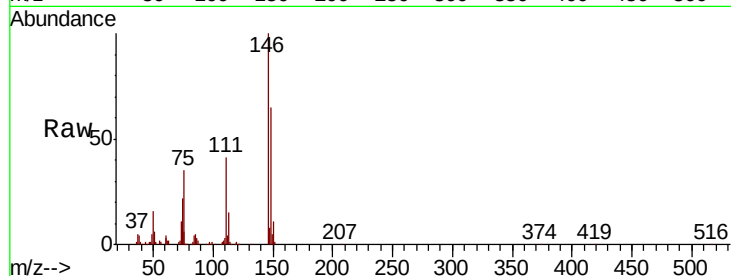




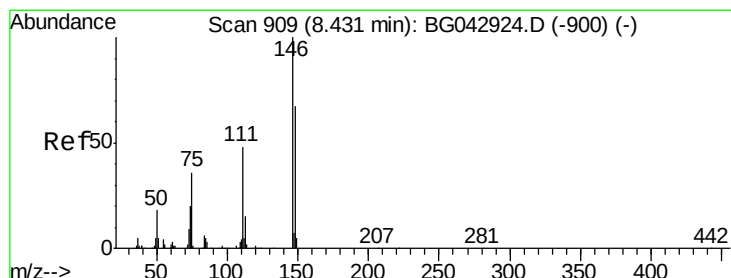
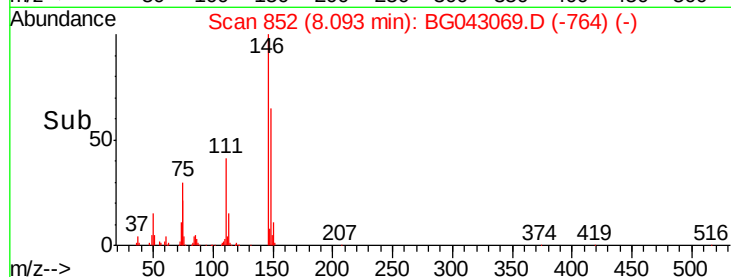
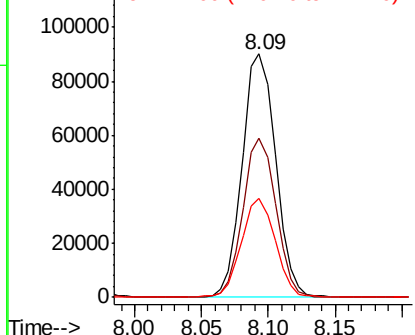
#13
 1,4-Dichlorobenzene
 Concen: 43.463 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 157122
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.9 76.3
 111 40.7 31.8 47.8

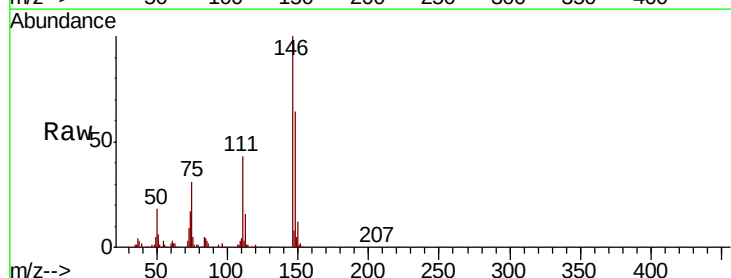


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

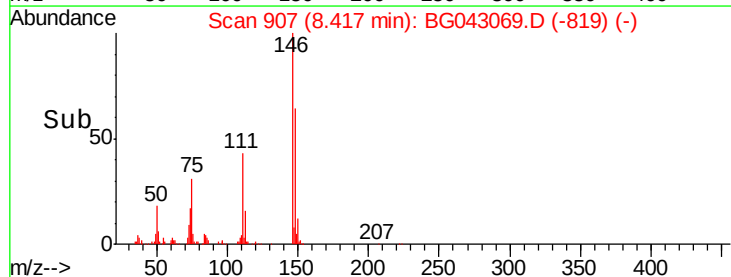
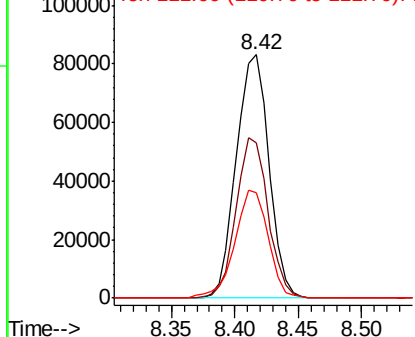


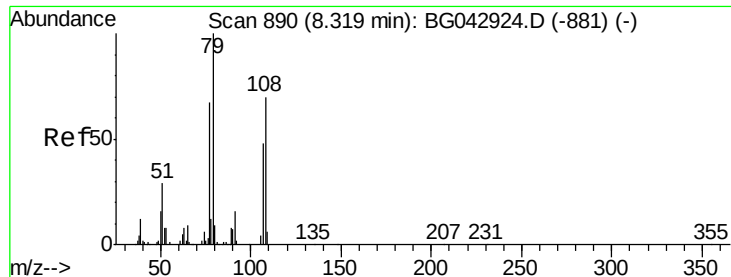
#14
 1,2-Dichlorobenzene
 Concen: 43.378 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion:146 Resp: 149294
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.4 80.2
 111 43.1 38.5 57.7



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





#15

Benzyl Alcohol

Concen: 49.318 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

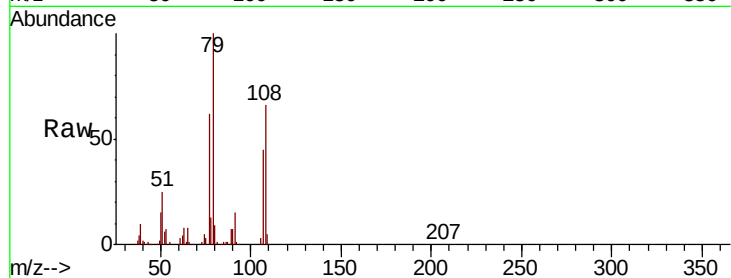
Tot Ion: 79 Resp: 145549

Ion Ratio Lower Upper

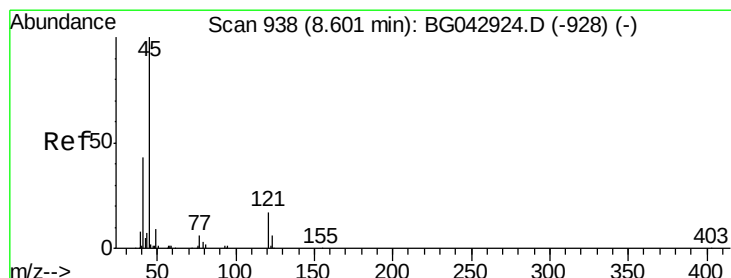
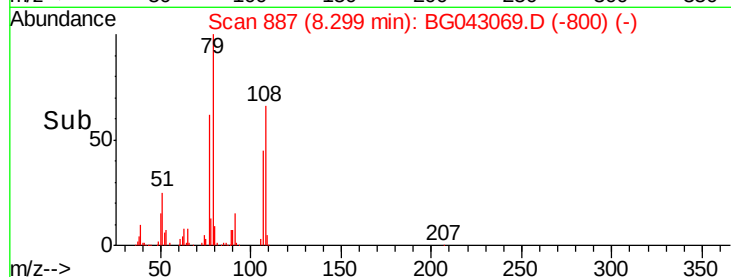
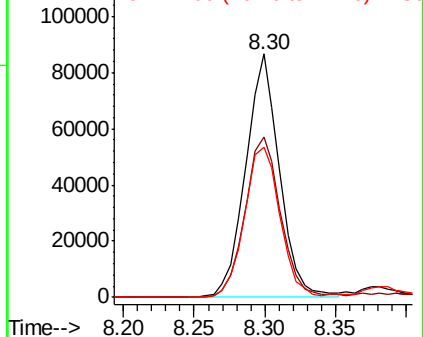
79 100

108 66.0 55.7 83.5

77 61.7 53.3 79.9



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: 35.017 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

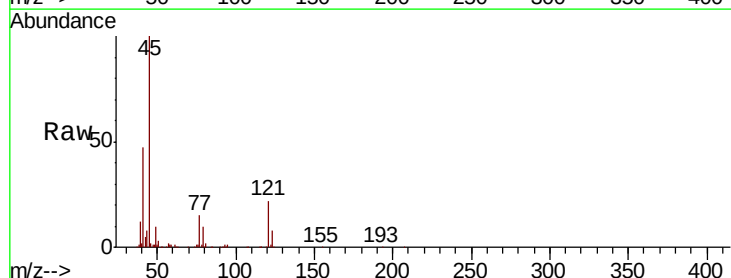
Tgt Ion: 45 Resp: 187390

Ion Ratio Lower Upper

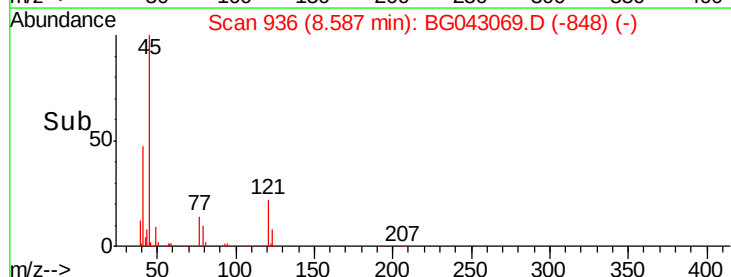
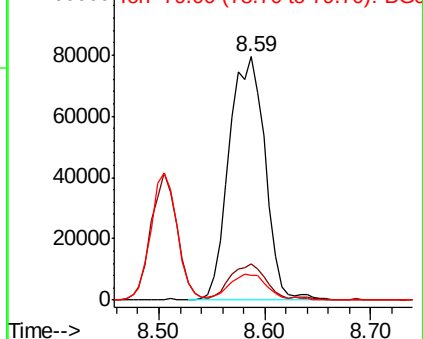
45 100

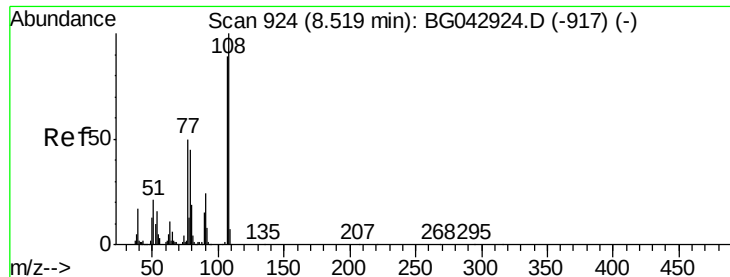
77 15.0 0.0 32.8

79 10.3 0.0 29.4



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: 51.275 ng

RT: 8.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 129210

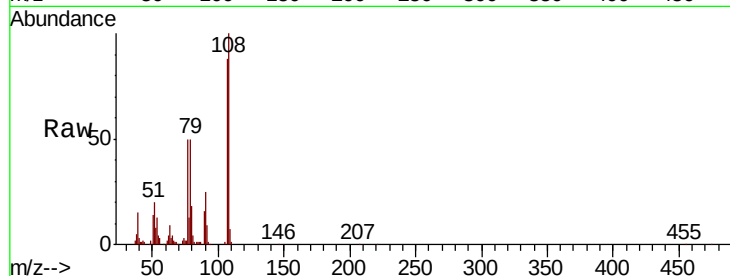
Ion Ratio Lower Upper

107 100

108 113.9 89.9 134.9

77 57.2 45.4 68.2

79 57.4 41.4 62.0

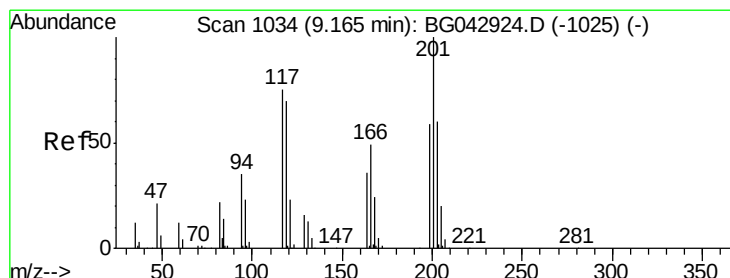
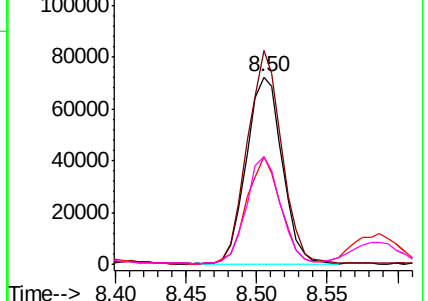
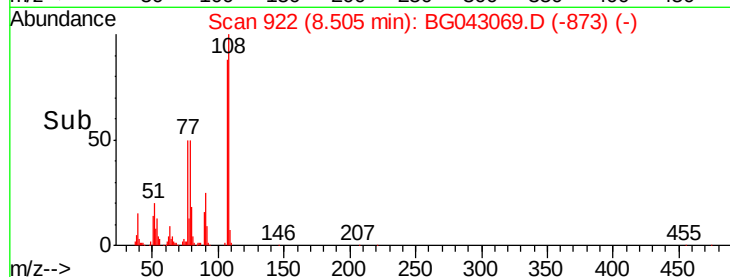


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.770 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

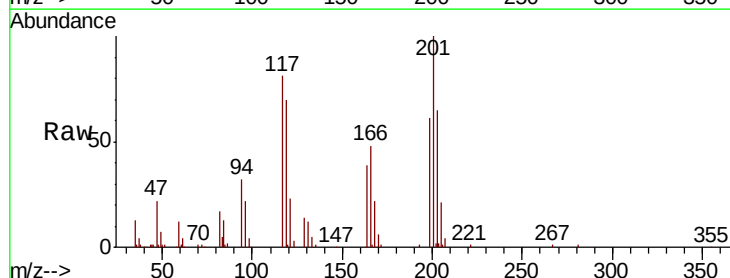
Tgt Ion:117 Resp: 55507

Ion Ratio Lower Upper

117 100

119 86.4 74.6 111.8

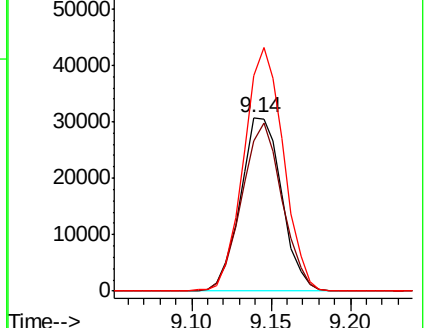
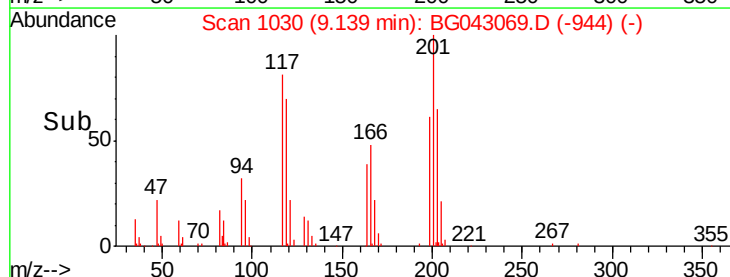
201 123.9 106.0 159.0

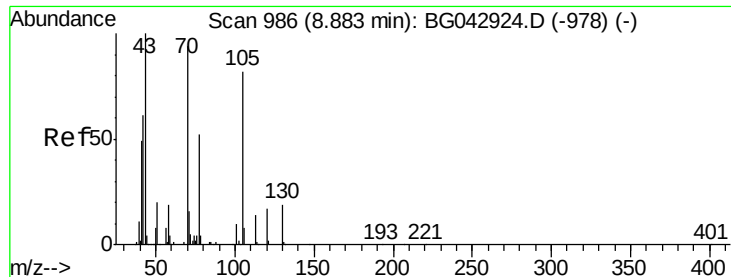


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

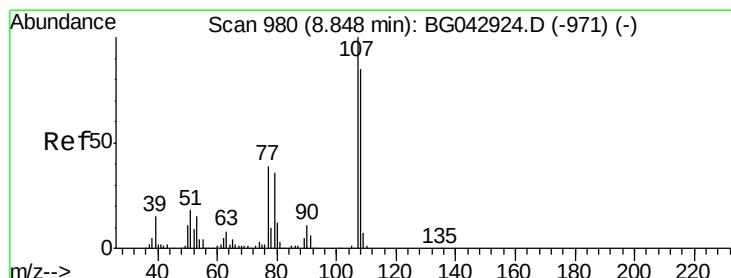
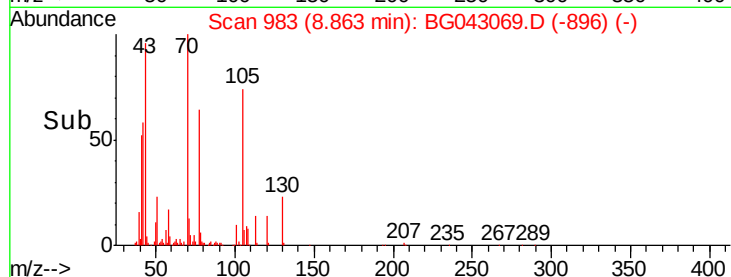
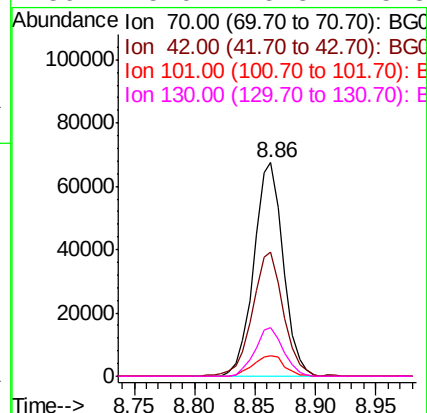
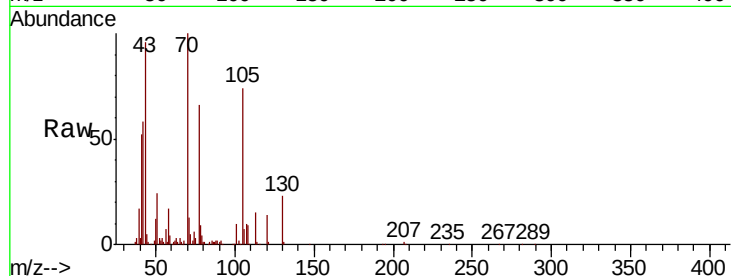




#19
n-Nitroso-di-n-propylamine
Concen: 44.389 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

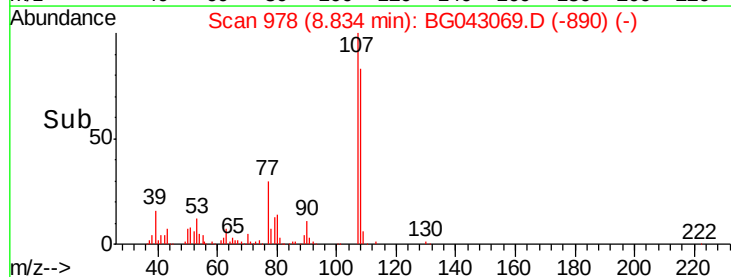
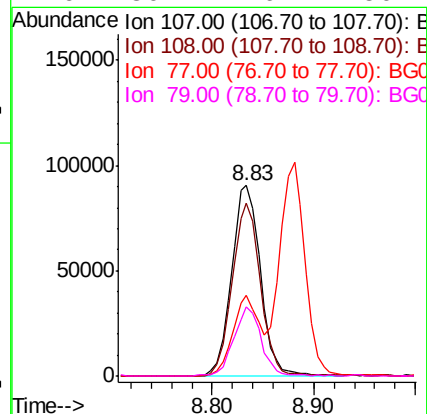
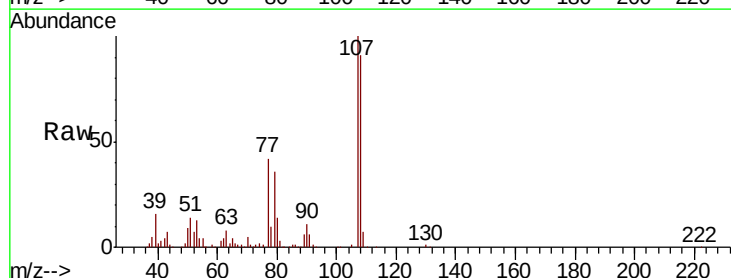
Instrument :
BNA_G
ClientSampleId :

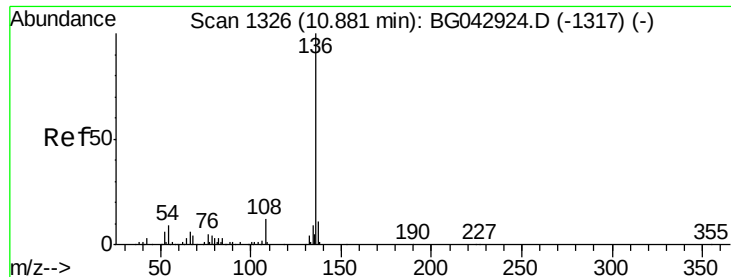
Tot Ion:	70	Resp:	114414
Ion	Ratio	Lower	Upper
70	100		
42	58.1	52.6	79.0
101	9.6	8.7	13.1
130	23.0	15.8	23.8



#20
3+4-Methylphenols
Concen: 51.591 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion:	107	Resp:	178161
Ion	Ratio	Lower	Upper
107	100		
108	90.9	64.9	104.9
77	42.3	19.4	59.4
79	36.2	16.2	56.2

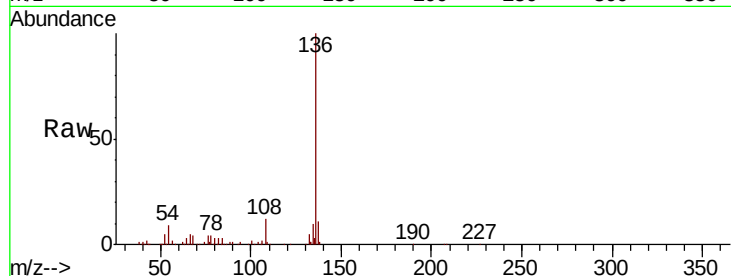




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	198113
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	9.2	7.4 11.2
68	4.3	3.6 5.4



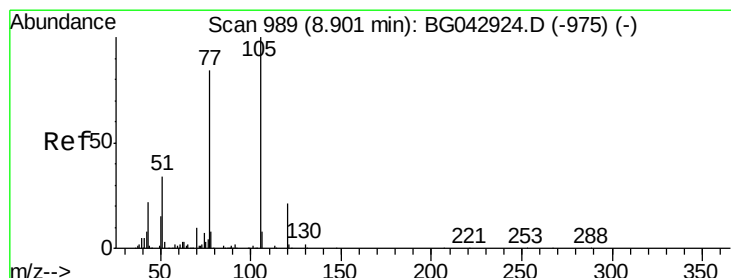
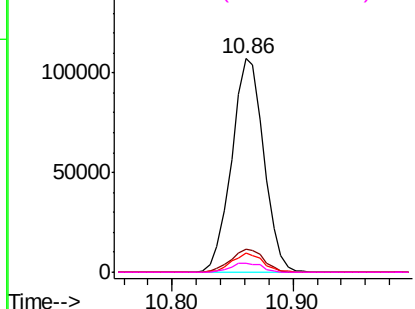
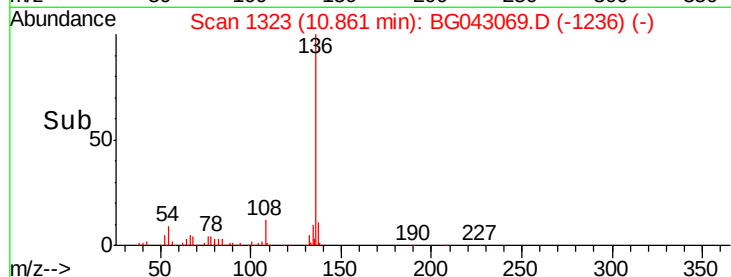
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

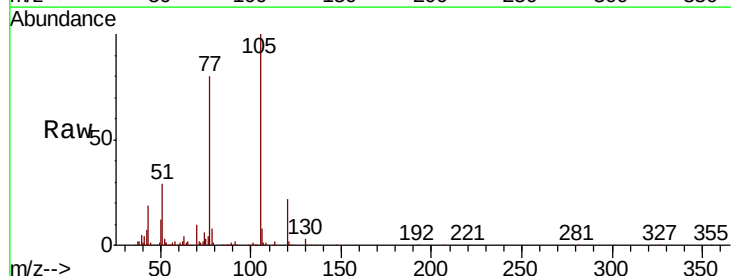
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.561 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion:105	Resp:	222456
Ion	Ratio	Lower Upper
105	100	
71	1.8	1.2 1.8#
51	28.8	27.2 40.8
120	21.6	16.9 25.3



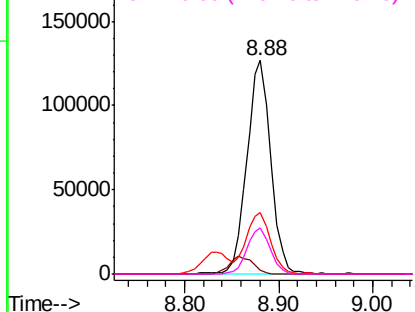
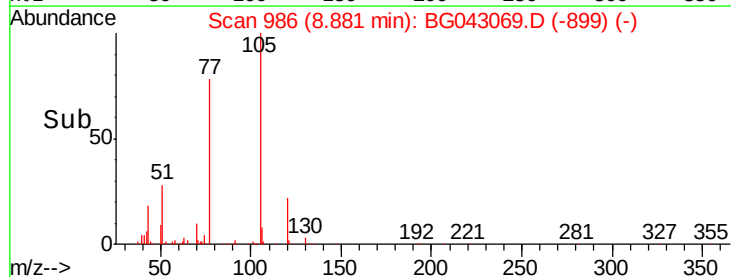
Abundance

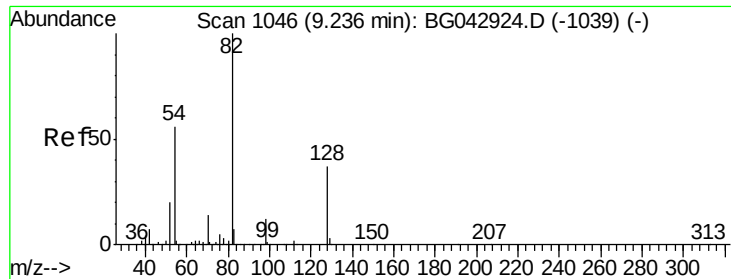
Ion 105.00 (104.70 to 105.70): E

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

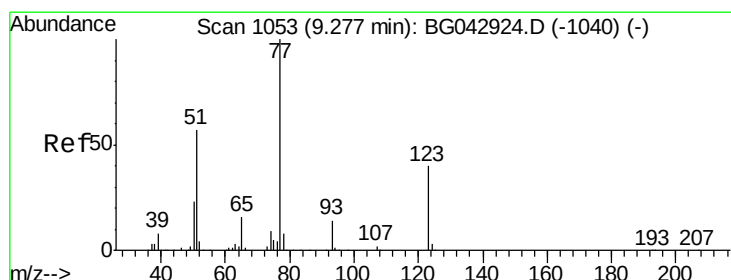
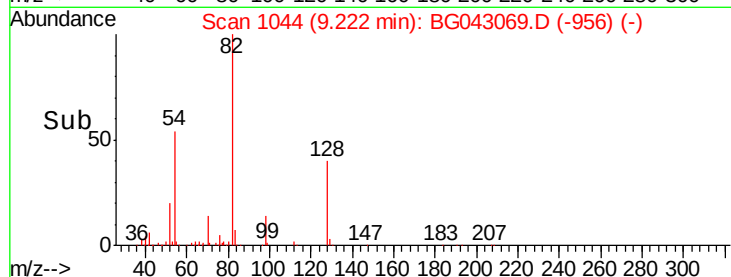
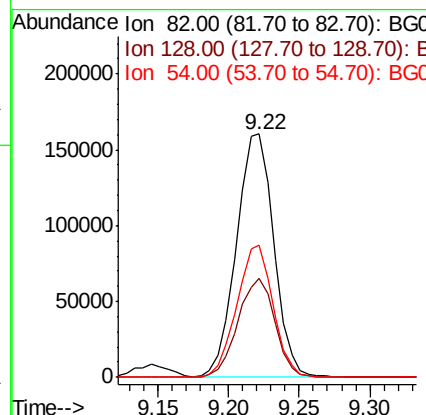
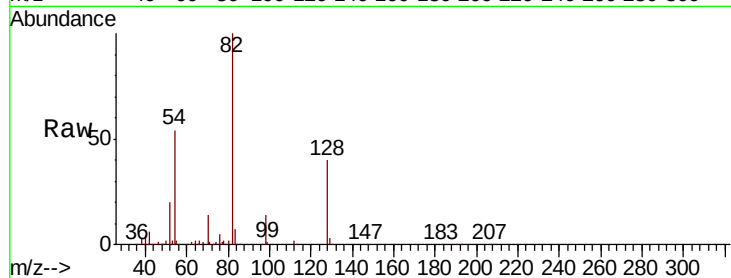




#23
 Nitrobenzene-d5
 Concen: 72.870 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

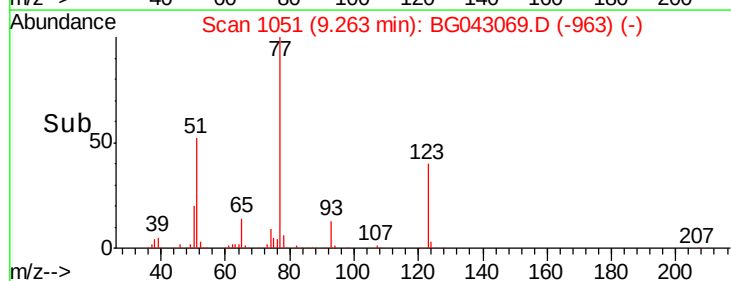
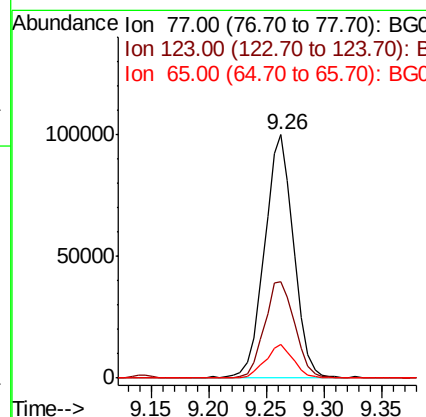
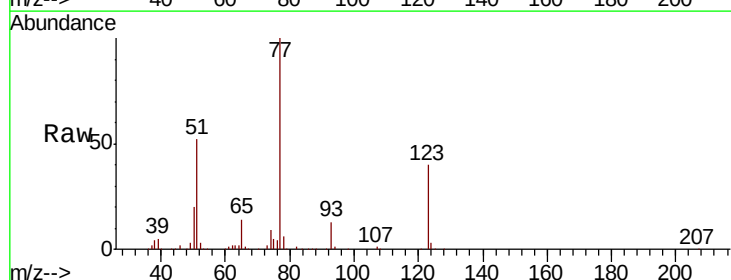
Instrument :
 BNA_G
 ClientSampleId :

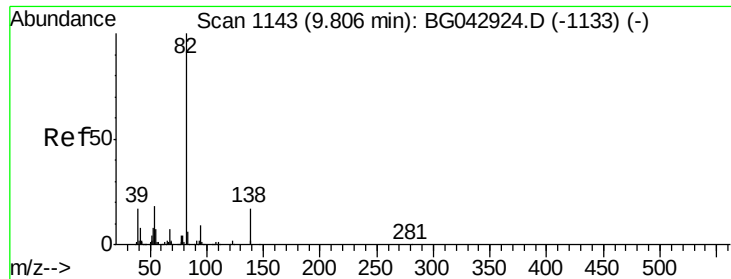
Tot Ion	82	Resp	297016
Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.5	44.3
54	54.1	44.6	67.0



#24
 Nitrobenzene
 Concen: 45.178 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	77	Resp	175644
Ion	Ratio	Lower	Upper
77	100		
123	39.6	31.9	47.9
65	13.7	12.4	18.6





#25

Isophorone

Concen: 46.260 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

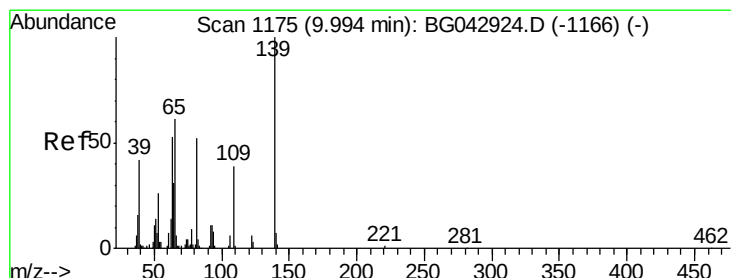
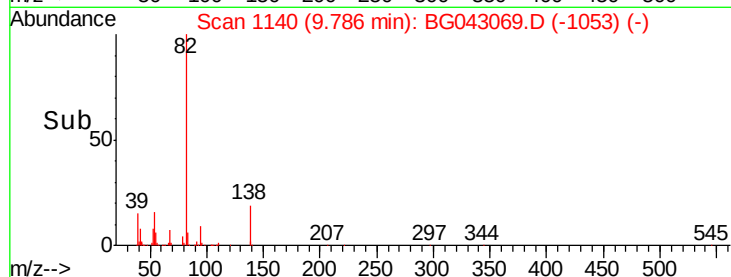
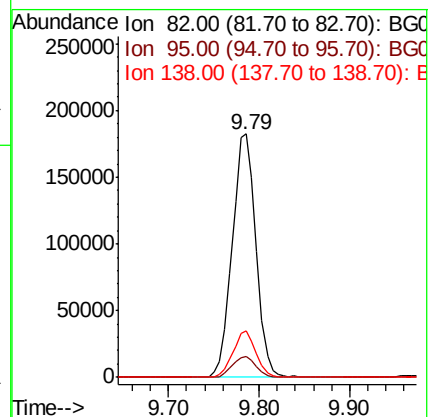
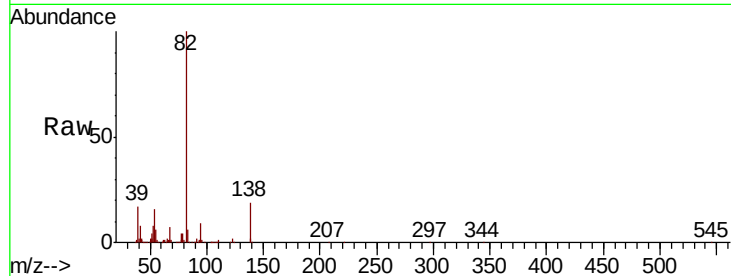
Tot Ion: 82 Resp: 331202

Ion Ratio Lower Upper

82 100

95 8.8 7.0 10.4

138 18.9 13.8 20.6



#26

2-Nitrophenol

Concen: 51.982 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

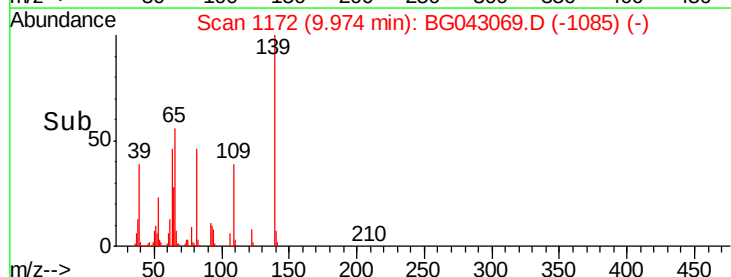
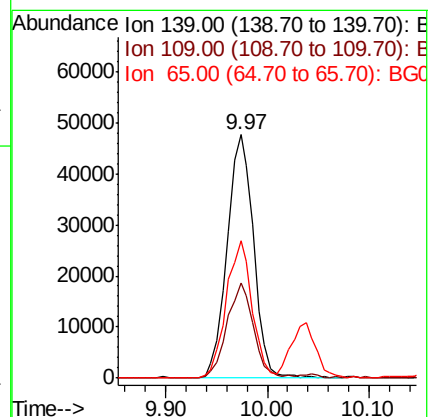
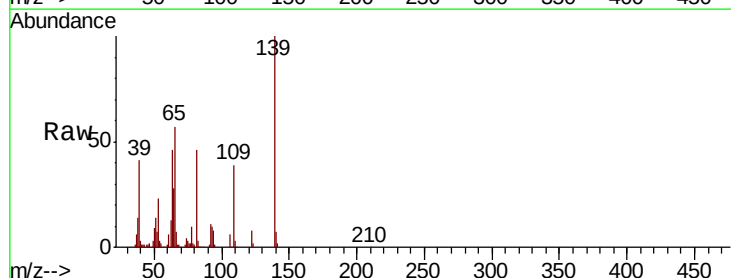
Tgt Ion: 139 Resp: 86033

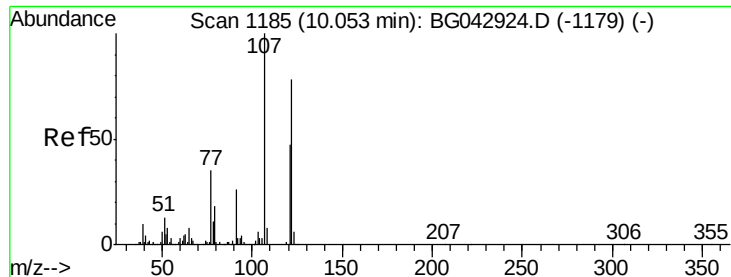
Ion Ratio Lower Upper

139 100

109 39.1 31.0 46.6

65 56.7 48.4 72.6

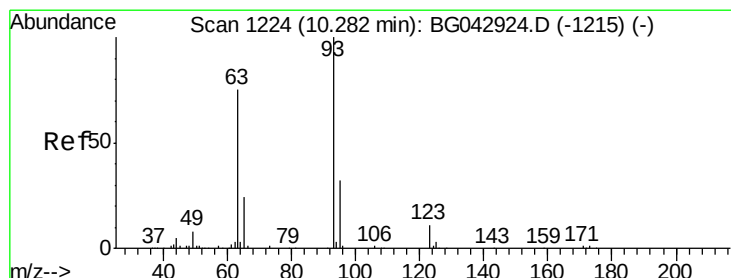
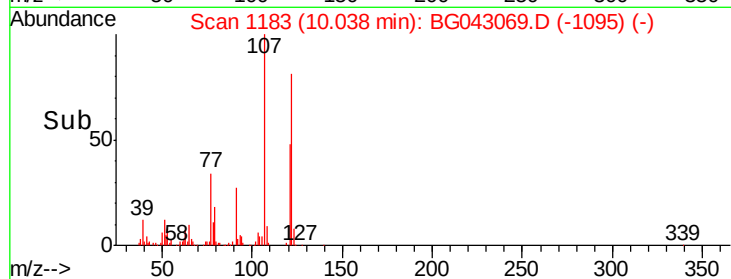
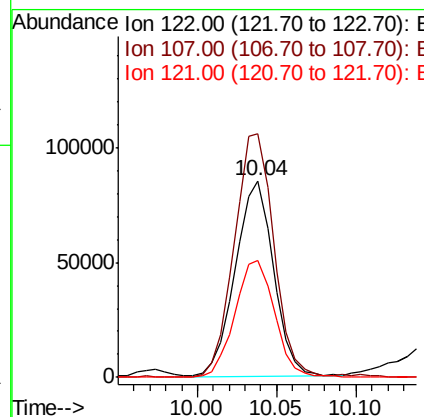
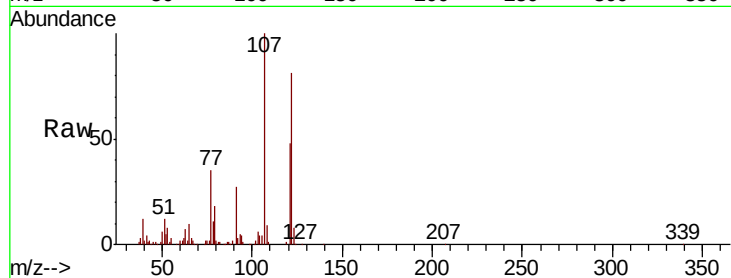




#27
 2,4-Dimethylphenol
 Concen: 56.369 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

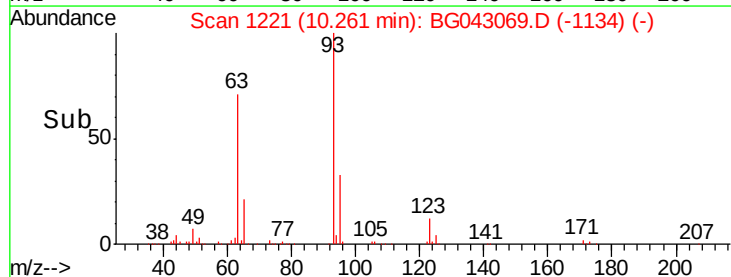
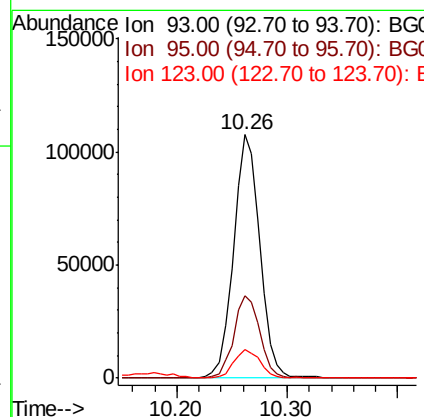
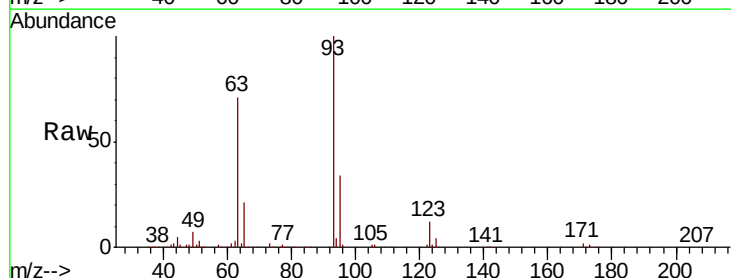
Instrument :
 BNA_G
 ClientSampled :

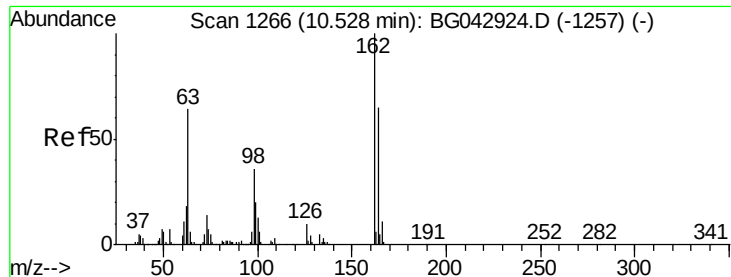
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	102.2	153.2
121	59.7	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.270 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.4	38.0
123	11.5	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 53.432 ng

RT: 10.51 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

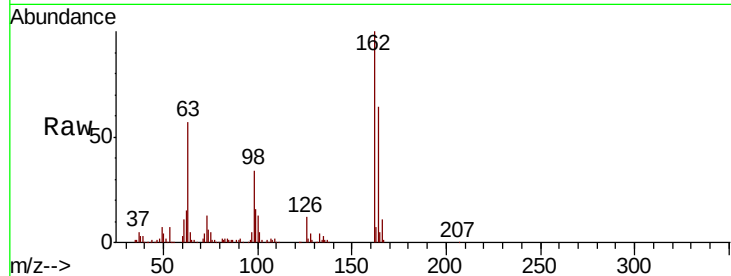
Tot Ion:162 Resp: 168905

Ion Ratio Lower Upper

162 100

164 63.8 44.7 84.7

98 34.2 16.0 56.0

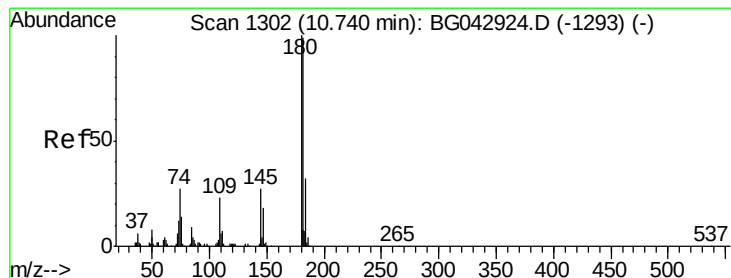
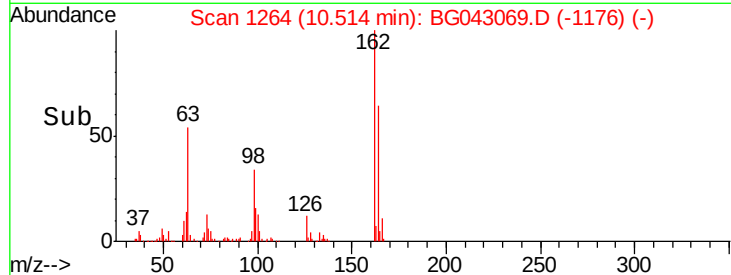
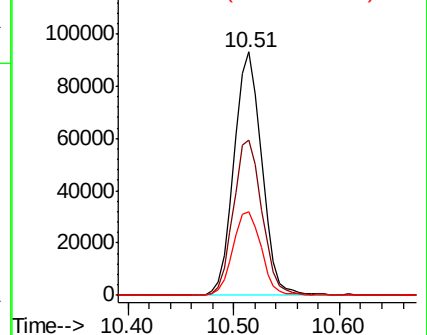


Abundance

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): E



#30

1,2,4-Trichlorobenzene

Concen: 43.927 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

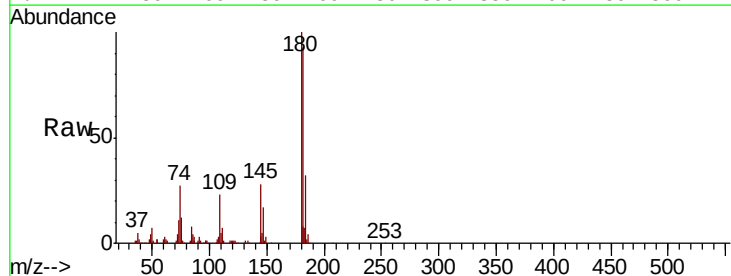
Tgt Ion:180 Resp: 179318

Ion Ratio Lower Upper

180 100

182 92.7 79.3 118.9

145 27.9 22.0 33.0

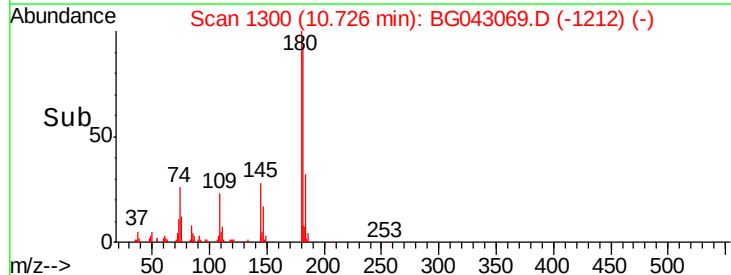
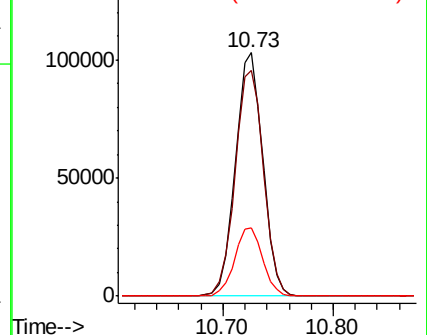


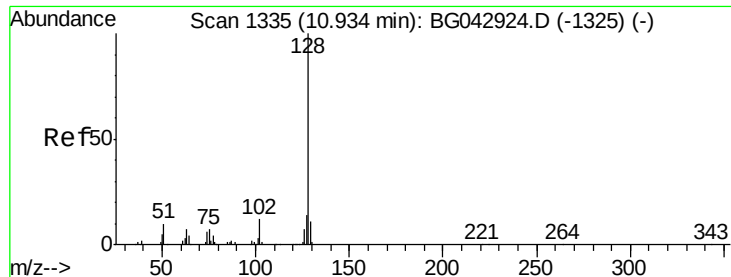
Abundance

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

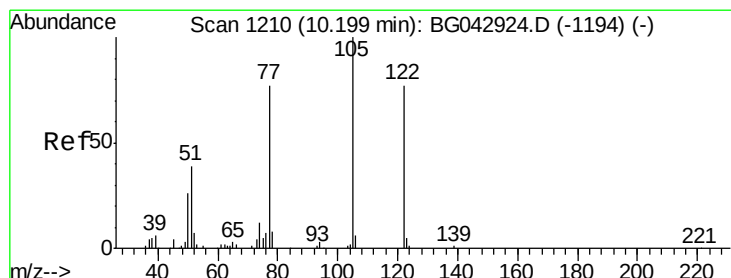
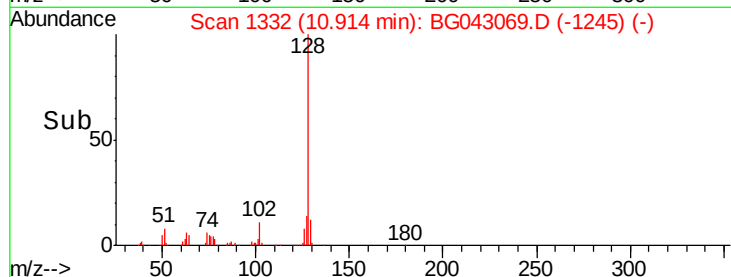
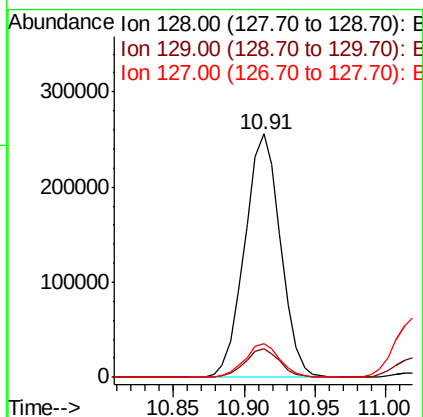
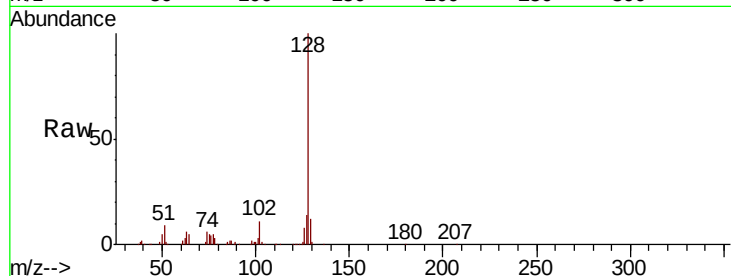




#31
Naphthalene
Concen: 46.666 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

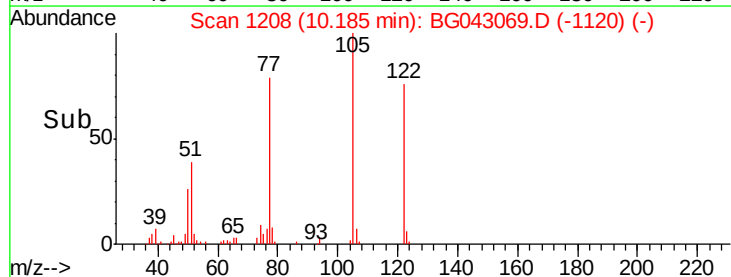
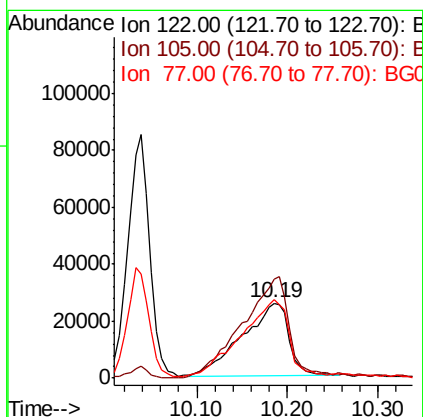
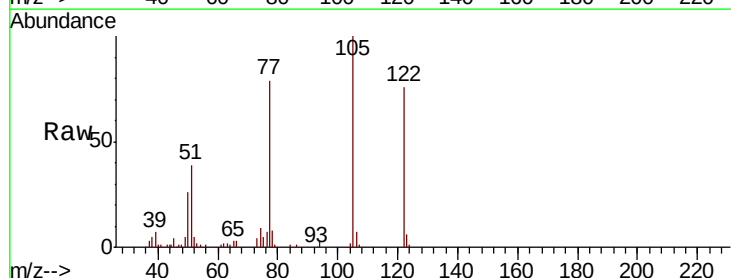
Instrument :
BNA_G
ClientSampleId :

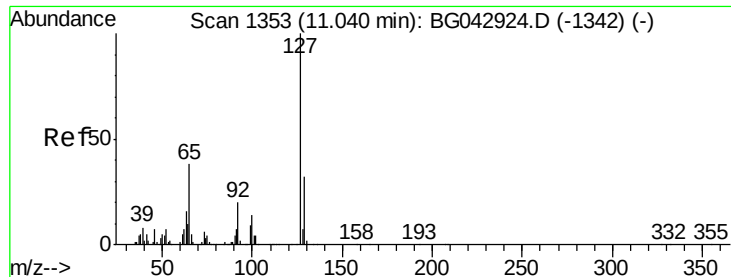
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 46.902 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.1	107.5	147.5
77	103.8	79.8	119.8

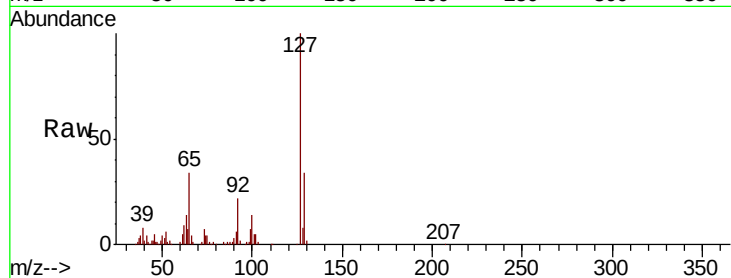




#33
4-Chloroaniline
Concen: 29.623 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	125357
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.2
65	33.5	30.6	45.8
92	21.6	16.2	24.4



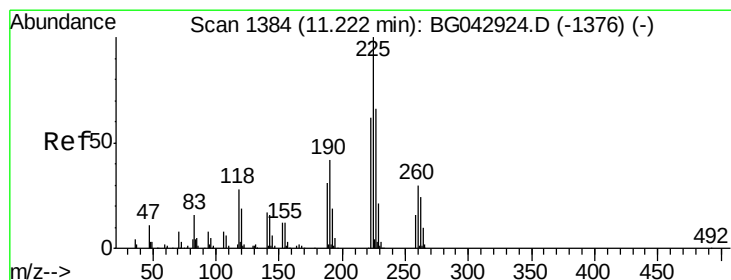
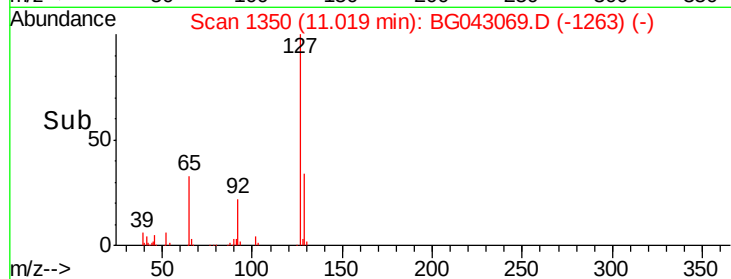
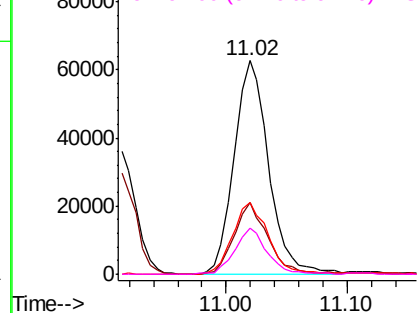
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

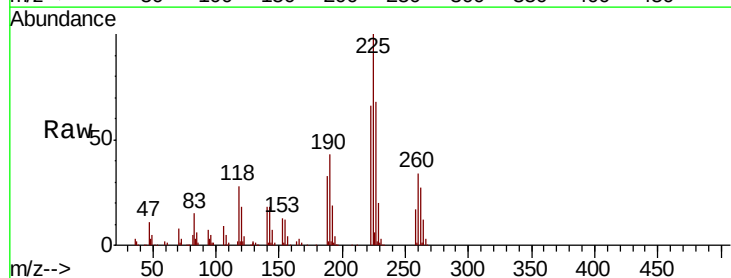
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.268 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion:	225	Resp:	126138
Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.3	73.9
227	68.4	52.8	79.2

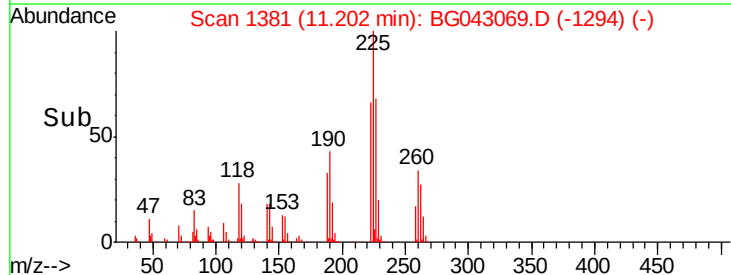
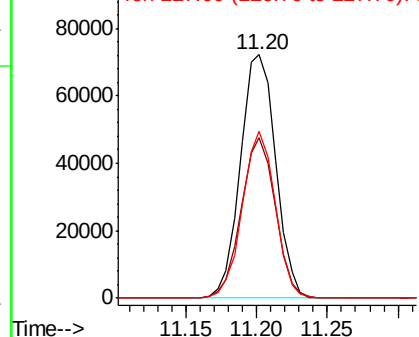


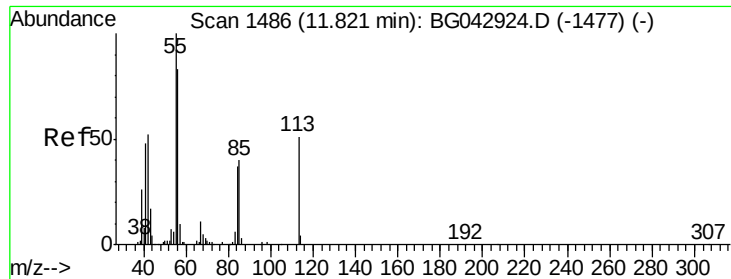
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

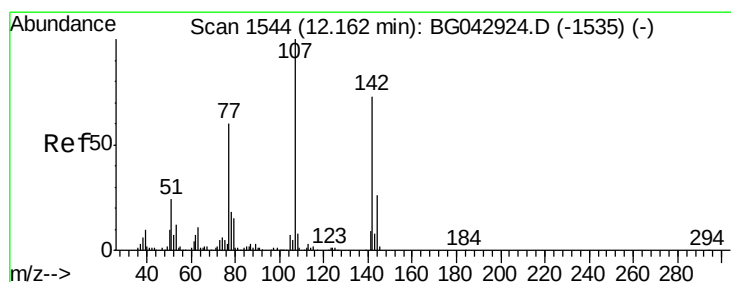
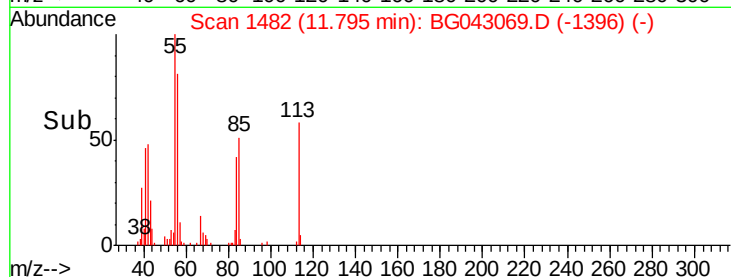
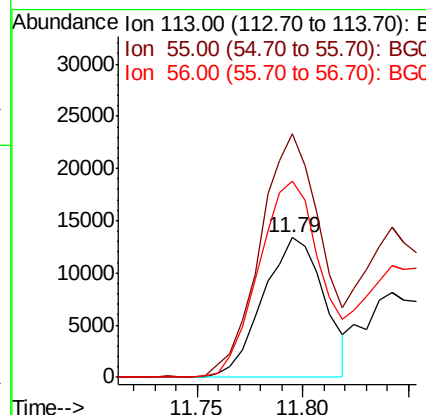
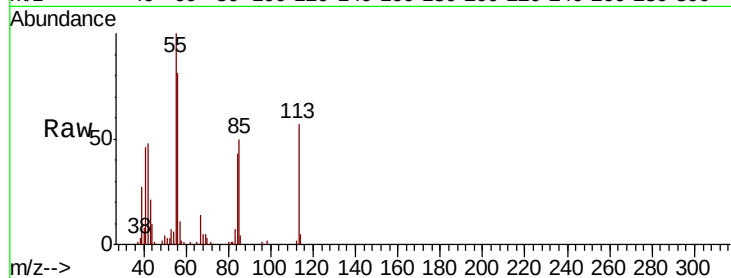




#35
 Caprolactam
 Concen: 24.044 ng
 RT: 11.79 min Scan# 1482
 Delta R.T. -0.03 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

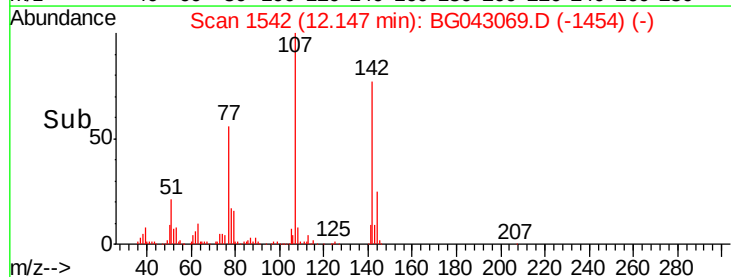
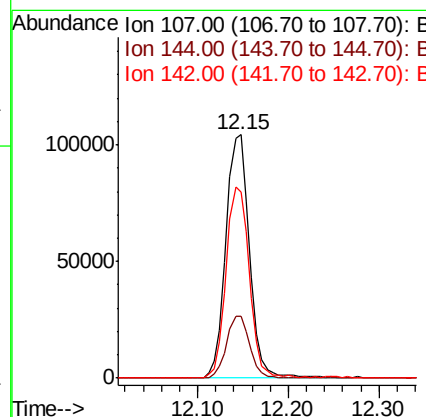
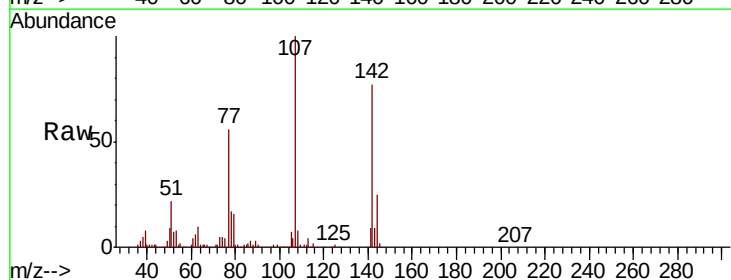
Instrument :
 BNA_G
 ClientSampled :

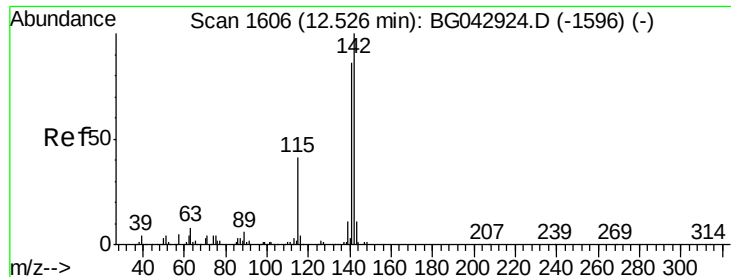
Tot Ion:113 Resp: 26803
 Ion Ratio Lower Upper
 113 100
 55 174.2 175.5 215.5#
 56 140.3 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 54.892 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion:107 Resp: 188664
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.7 31.1
 142 76.6 58.6 87.8

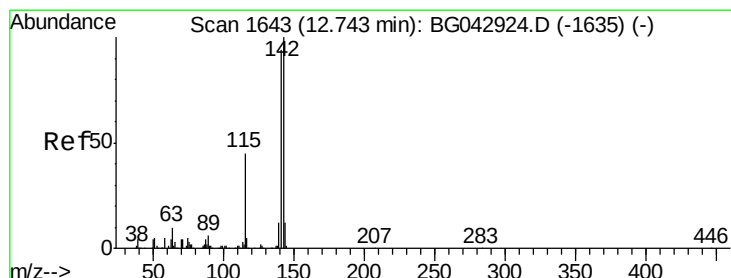
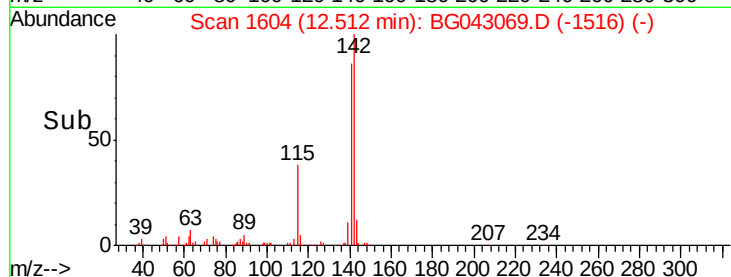
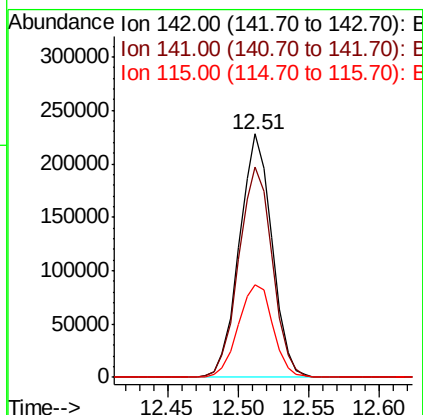
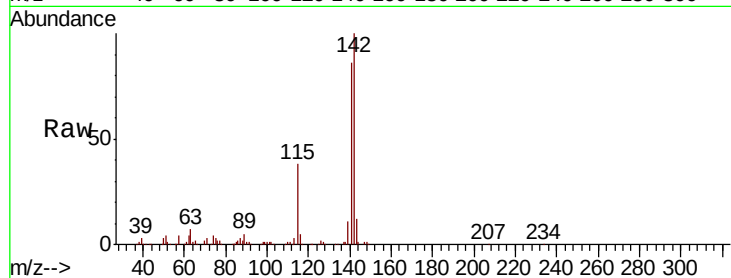




#37
2-Methylnaphthalene
Concen: 49.494 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

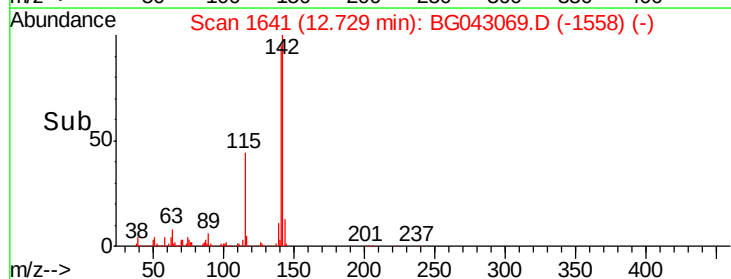
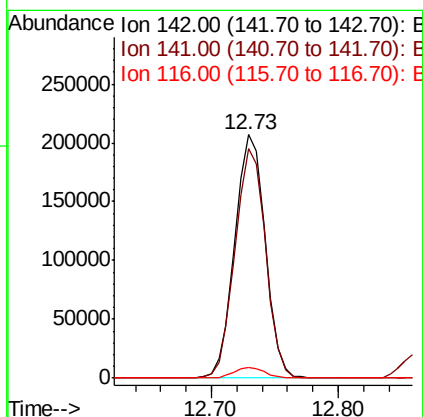
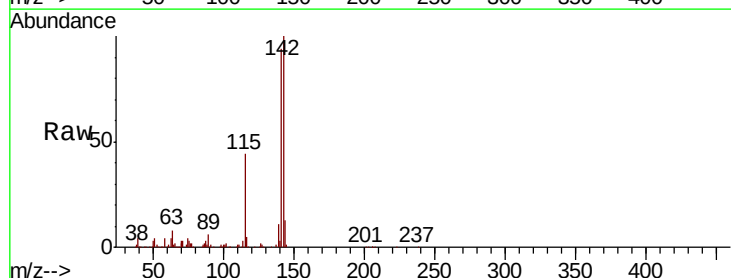
Instrument :
BNA_G
ClientSampleId :

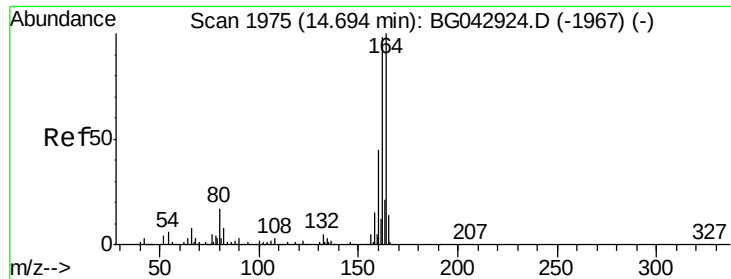
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	69.0	103.4
115	38.2	32.8	49.2



#38
1-Methylnaphthalene
Concen: 48.838 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.9	112.3
116	4.6	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

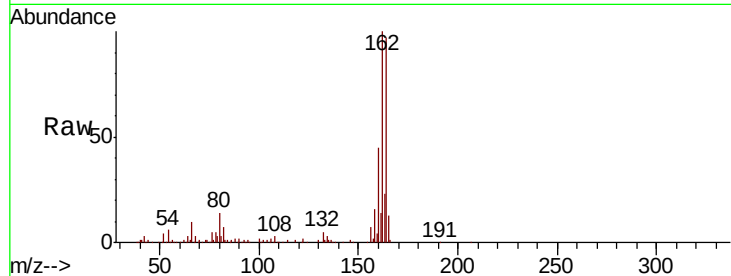
Tot Ion:164 Resp: 156289

Ion Ratio Lower Upper

164 100

162 103.2 78.5 117.7

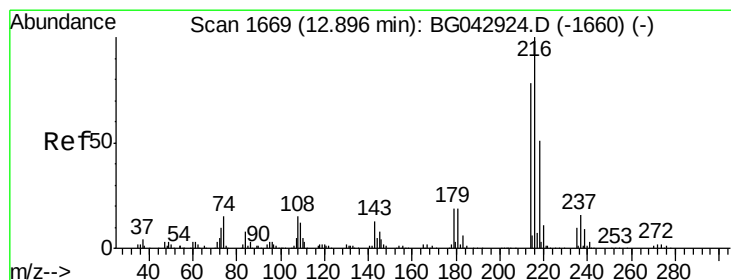
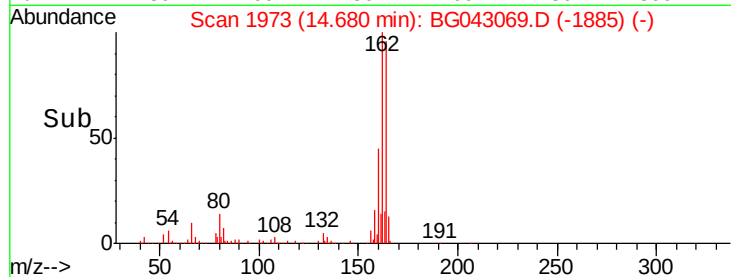
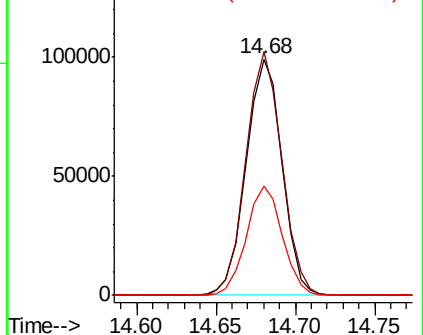
160 46.4 35.9 53.9



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: 40.318 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:216 Resp: 236921

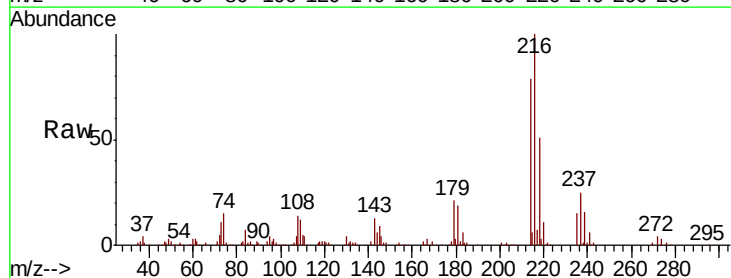
Ion Ratio Lower Upper

216 100

214 79.9 62.4 93.6

179 20.4 15.4 23.2

108 17.1 12.6 19.0

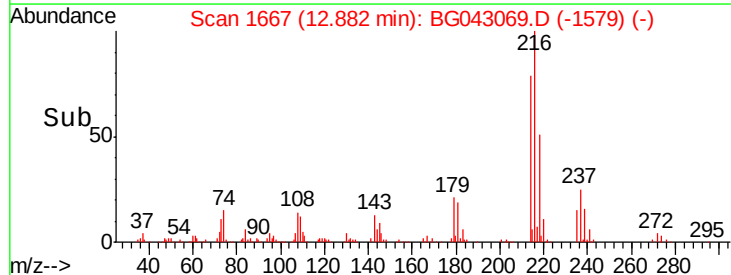
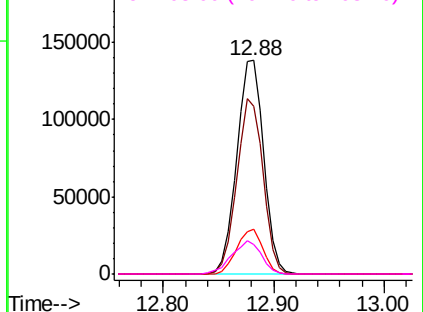


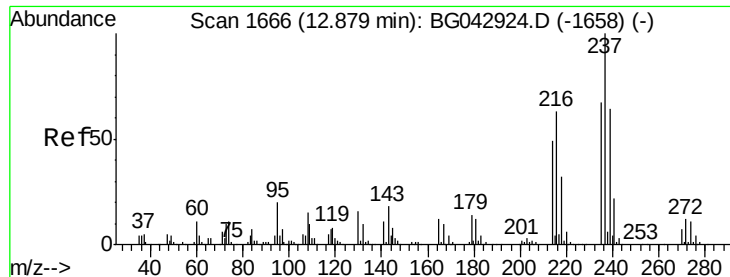
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.505 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampled :

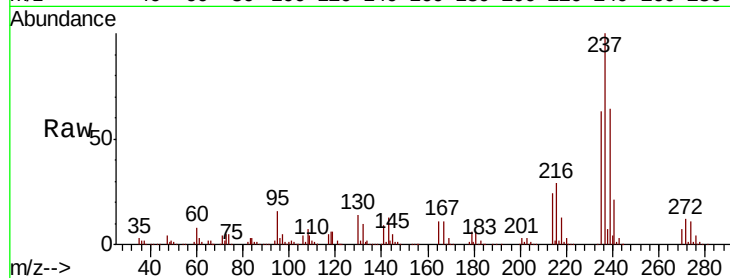
Tot Ion:237 Resp: 323887

Ion Ratio Lower Upper

237 100

235 63.3 46.7 86.7

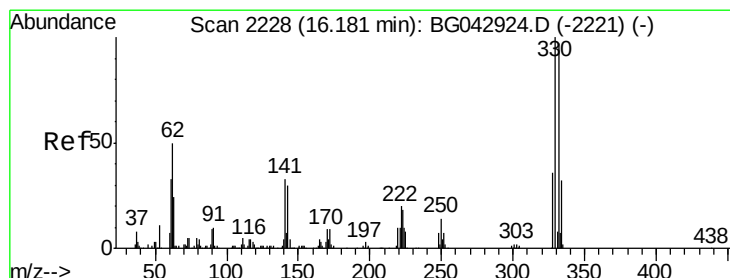
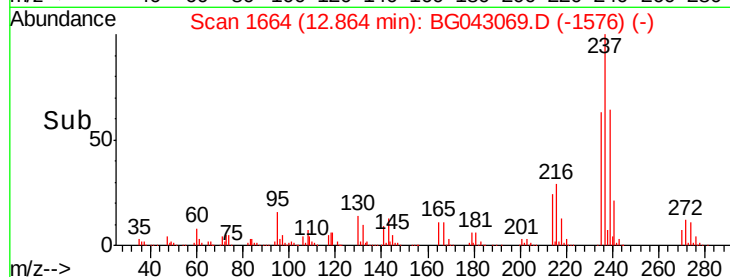
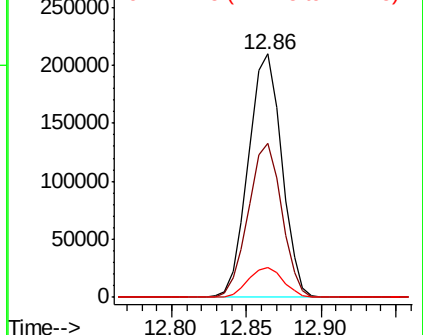
272 12.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.500 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

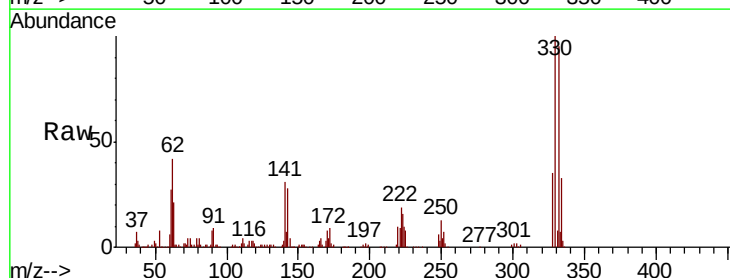
Tgt Ion:330 Resp: 342654

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

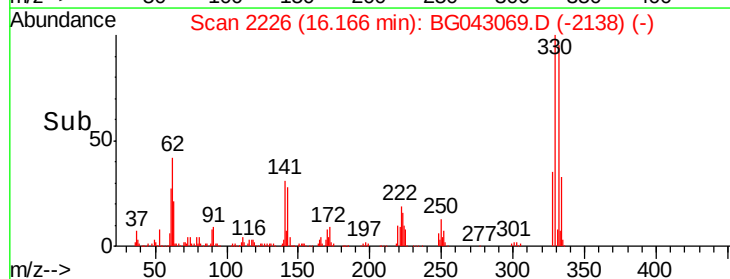
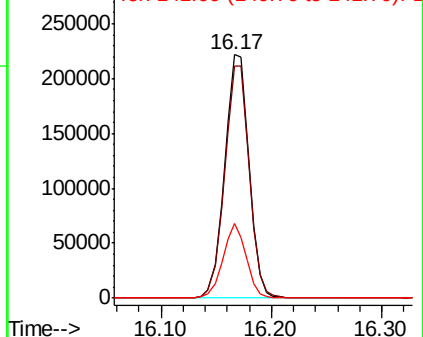
141 28.9 26.0 39.0

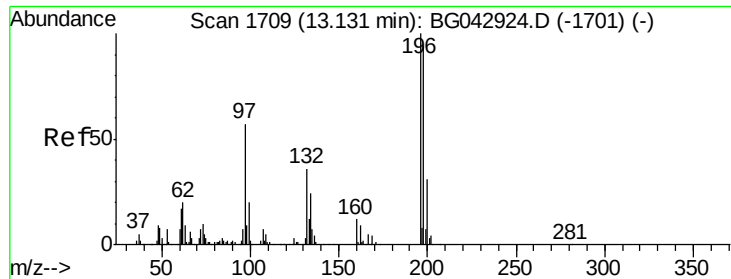


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

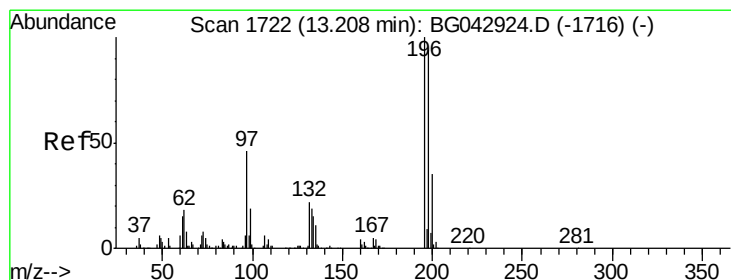
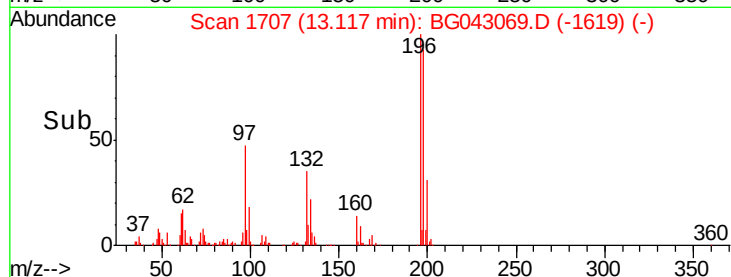
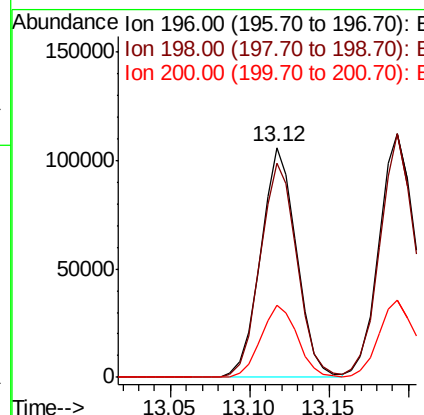
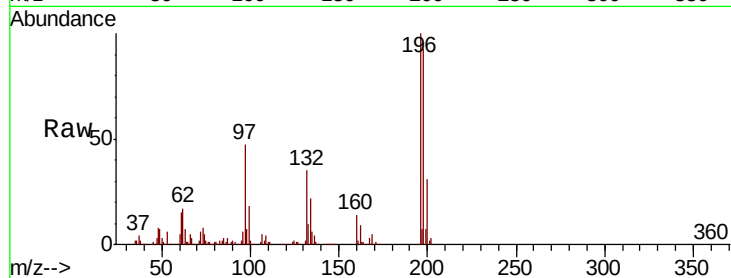




#43
 2,4,6-Trichlorophenol
 Concen: 48.468 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

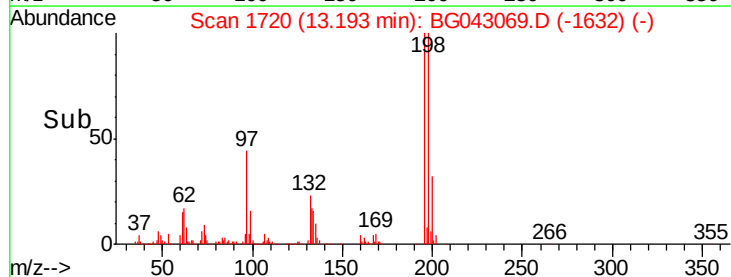
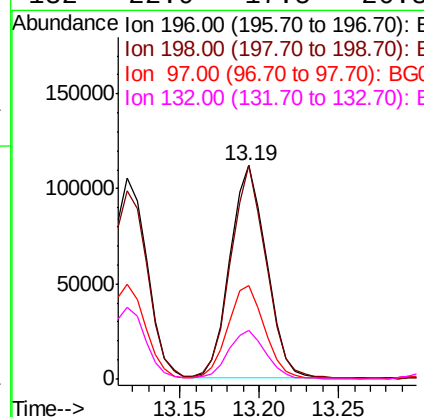
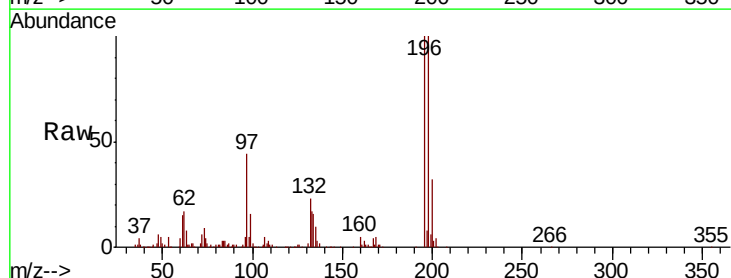
Instrument :
 BNA_G
 ClientSampled :

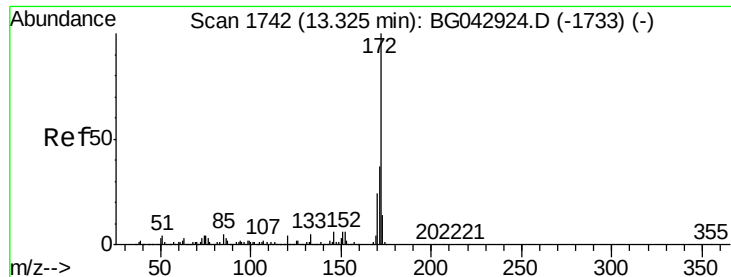
Tot Ion	196	Resp	166704
Ion Ratio	Lower	Upper	
196	100		
198	93.0	75.5	113.3
200	31.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.295 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	196	Resp	178203
Ion Ratio	Lower	Upper	
196	100		
198	100.2	75.1	112.7
97	43.7	37.0	55.4
132	22.9	17.5	26.3

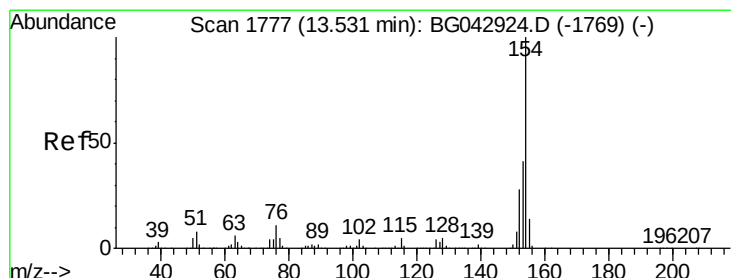
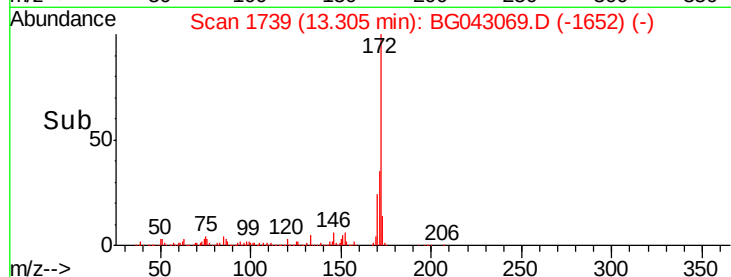
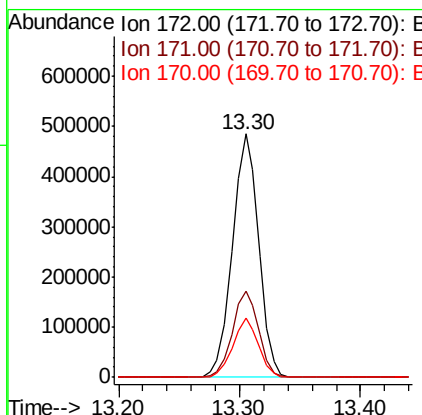
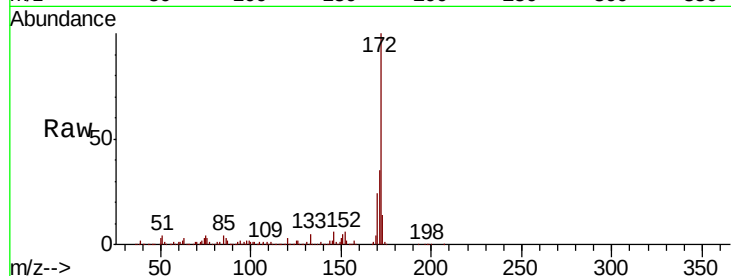




#45
2-Fluorobiphenyl
Concen: 67.902 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

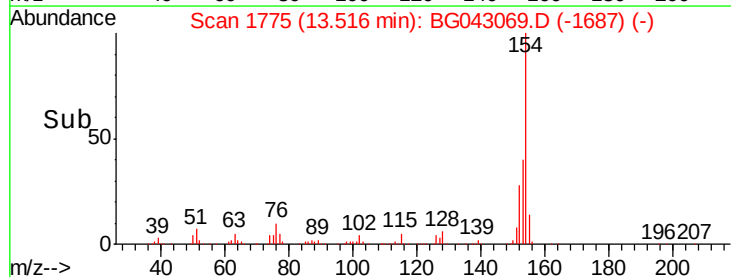
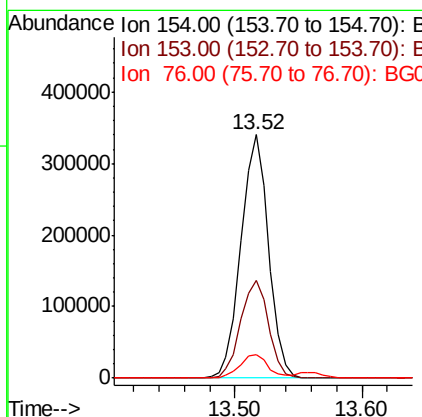
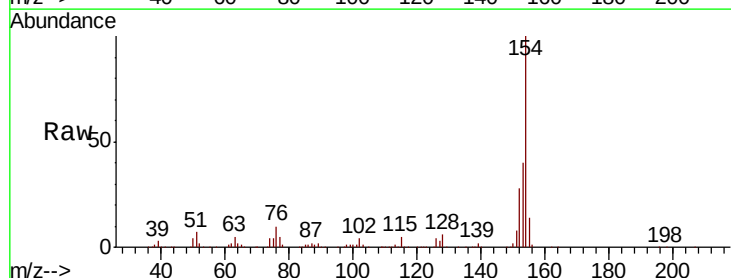
Instrument :
BNA_G
ClientSampleId :

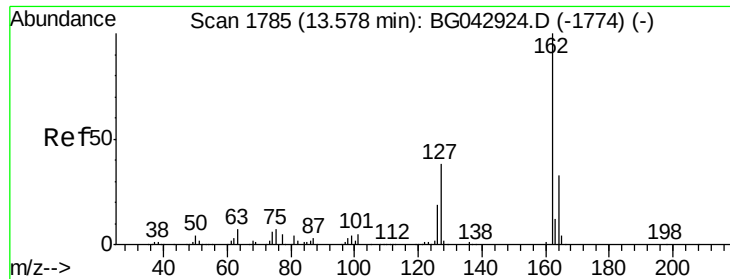
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.2	19.6	29.4



#46
1,1'-Biphenyl
Concen: 43.157 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.4	61.4
76	9.7	0.0	31.3

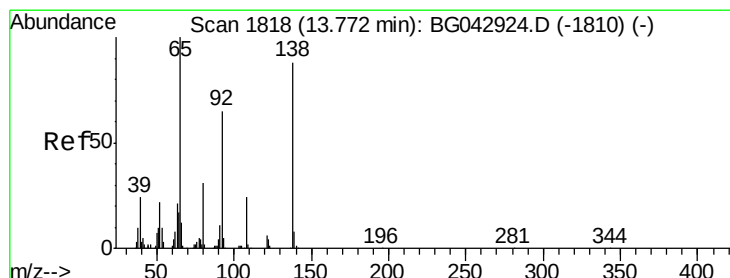
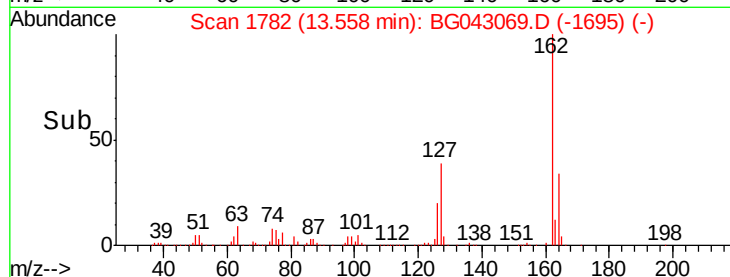
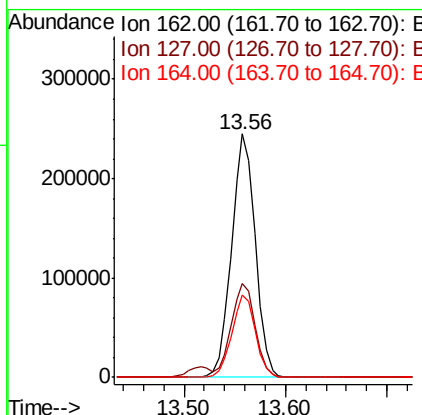
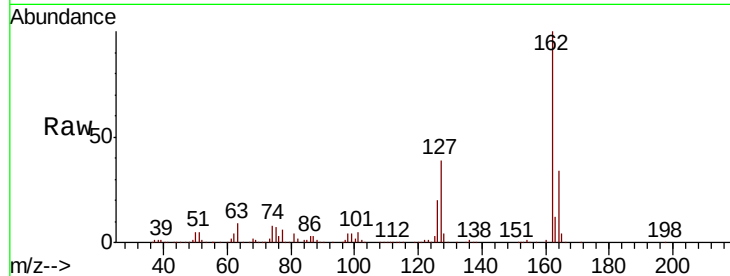




#47
2-Chloronaphthalene
Concen: 44.506 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

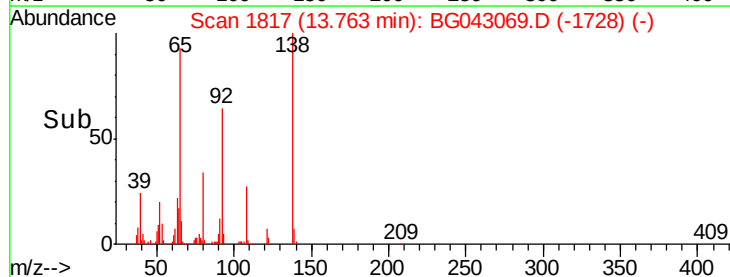
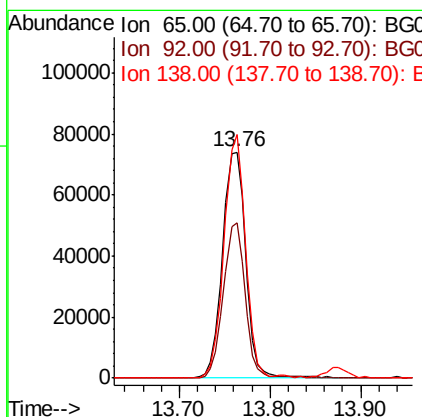
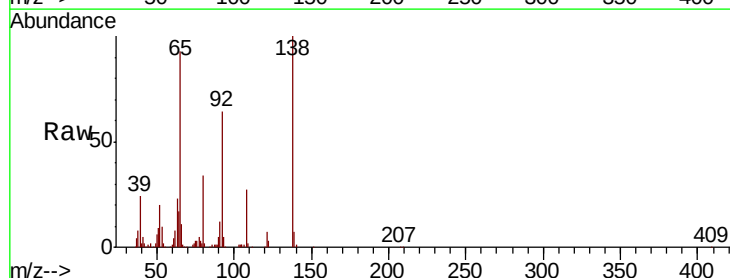
Instrument :
BNA_G
ClientSampleId :

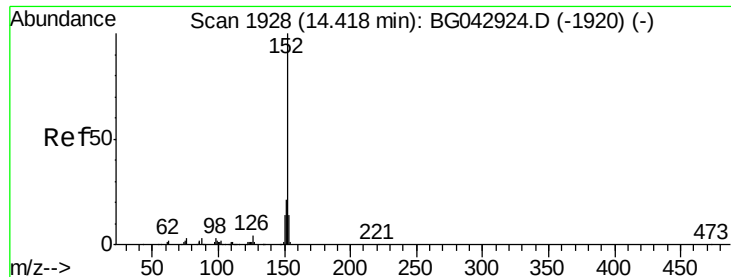
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.6
164	33.6	26.2	39.2



#48
2-Nitroaniline
Concen: 44.507 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	52.0	78.0
138	107.8	70.4	105.6





#49

Acenaphthylene

Concen: 48.230 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampled :

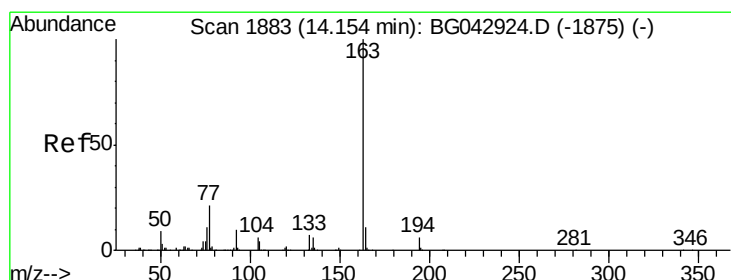
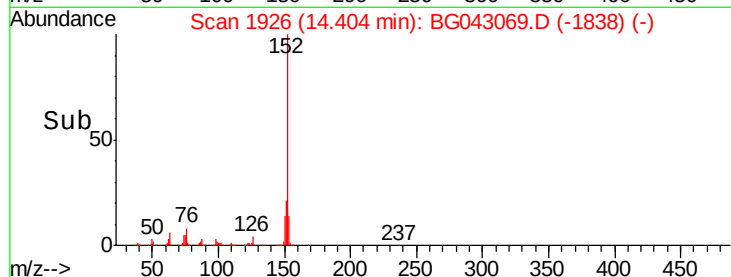
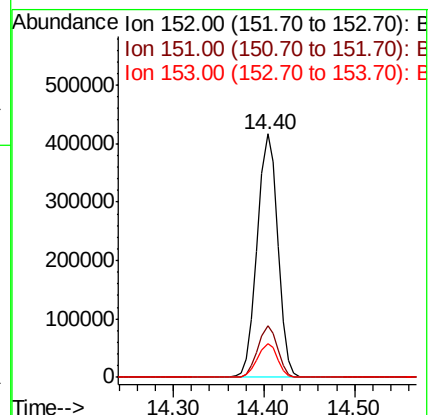
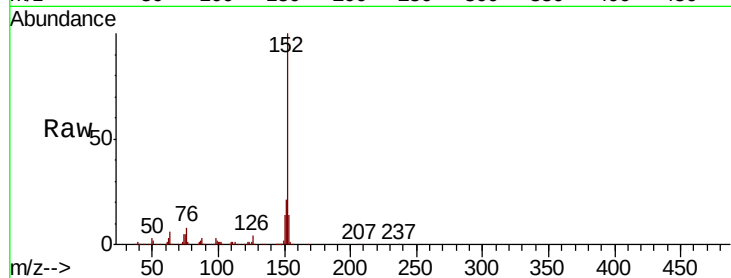
Tot Ion:152 Resp: 655786

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

153 13.8 11.3 16.9



#50

Dimethylphthalate

Concen: 57.548 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

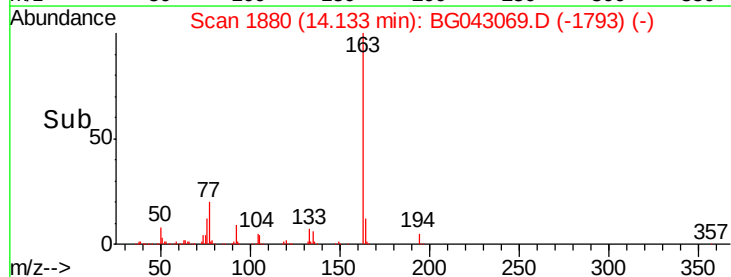
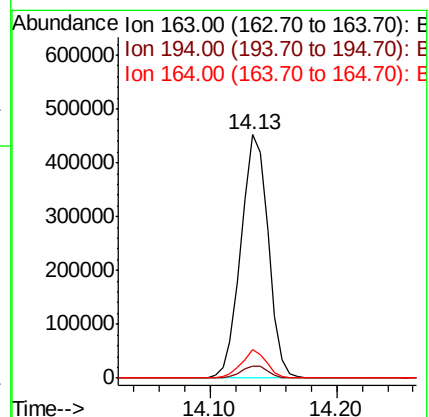
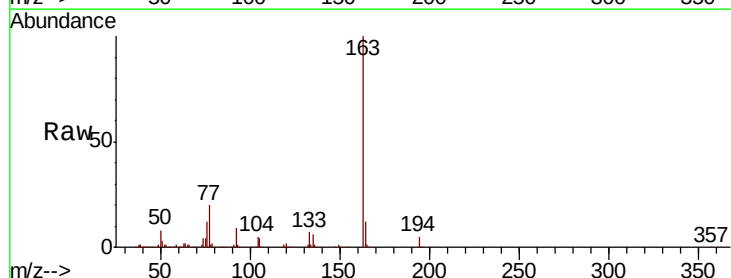
Tgt Ion:163 Resp: 673894

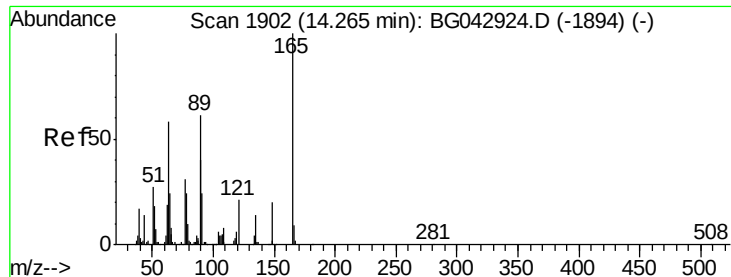
Ion Ratio Lower Upper

163 100

194 4.7 4.4 6.6

164 11.5 8.6 12.8

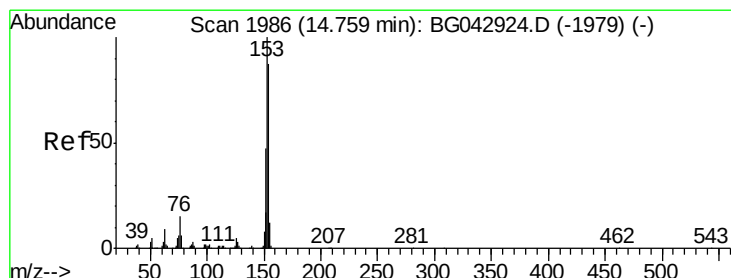
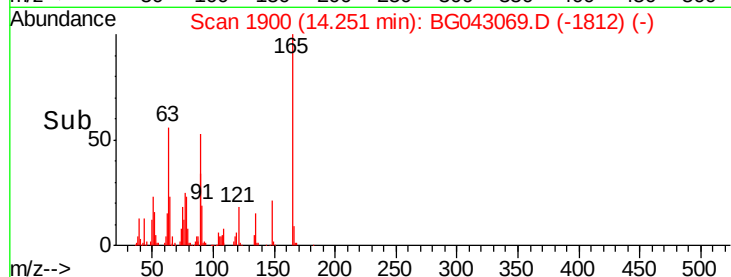
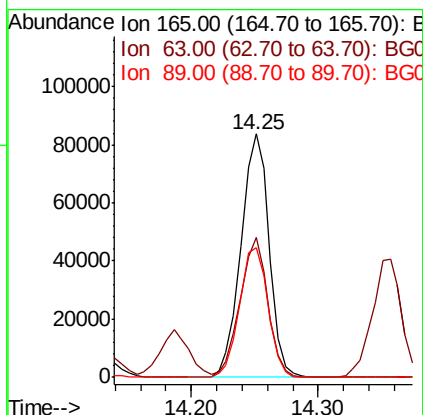
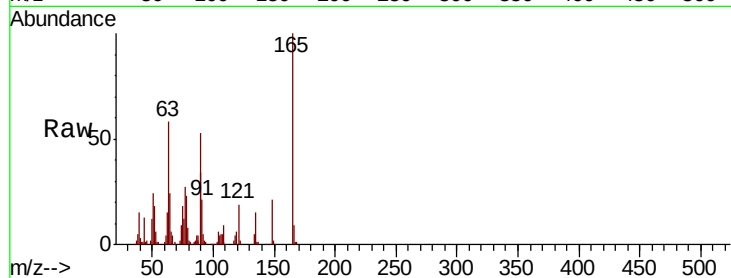




#51
 2,6-Dinitrotoluene
 Concen: 51.494 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

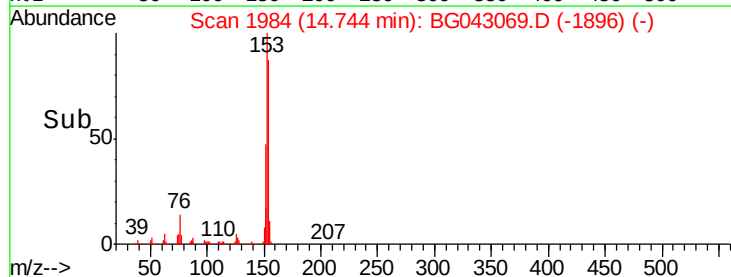
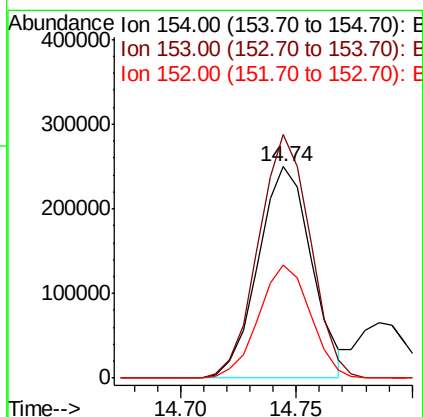
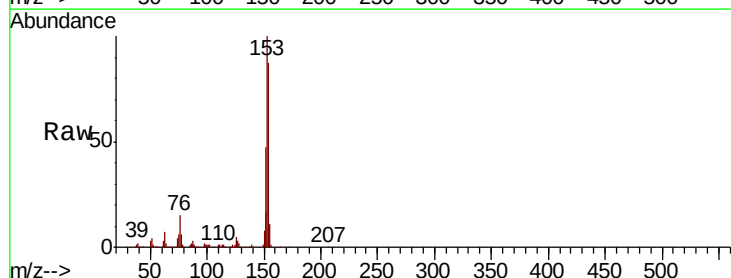
Instrument :
 BNA_G
 ClientSampleId :

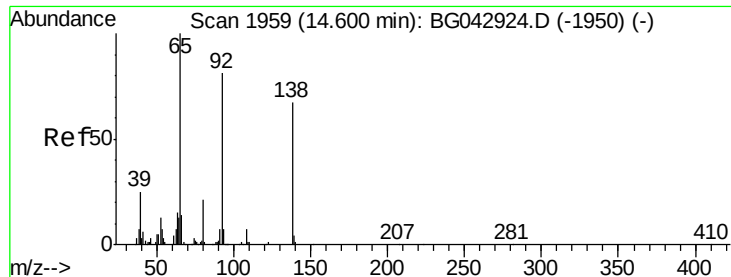
Tot Ion:165 Resp: 128414
 Ion Ratio Lower Upper
 165 100
 63 57.6 50.3 75.5
 89 53.1 48.9 73.3



#52
 Acenaphthene
 Concen: 43.971 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion:154 Resp: 400190
 Ion Ratio Lower Upper
 154 100
 153 115.1 91.4 137.0
 152 53.7 42.8 64.2





#53

3-Nitroaniline

Concen: 36.266 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

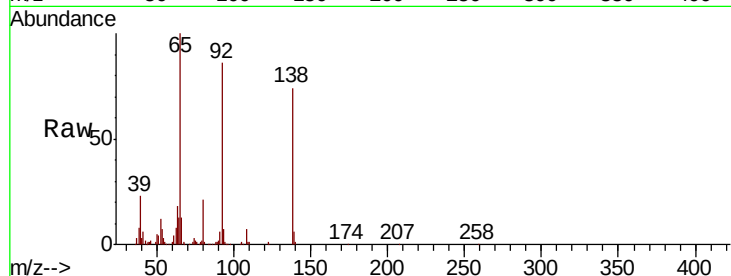
Tot Ion:138 Resp: 93464

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

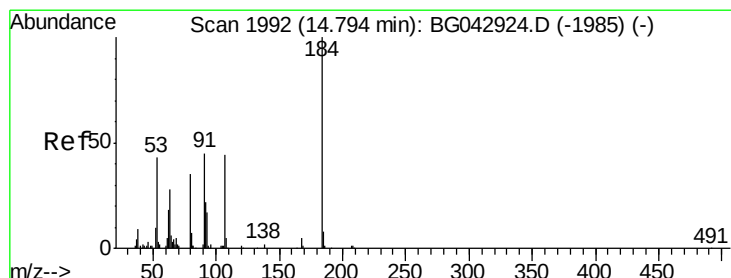
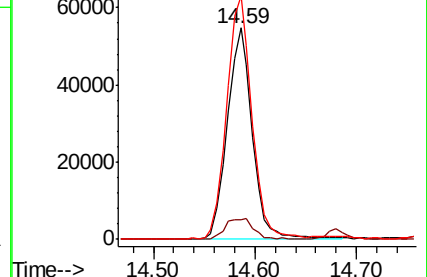
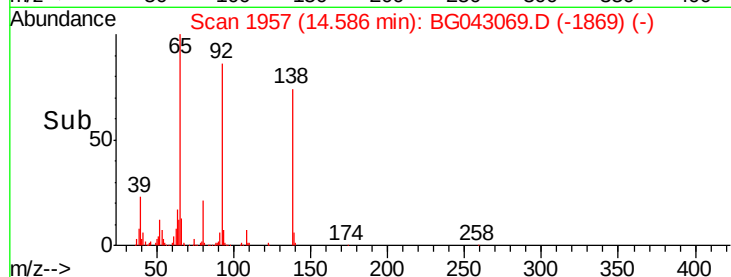
92 115.2 97.0 145.6



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: 106.078 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

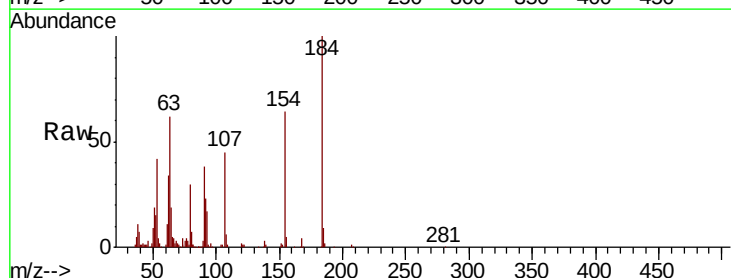
Tgt Ion:184 Resp: 164429

Ion Ratio Lower Upper

184 100

63 61.7 55.0 82.6

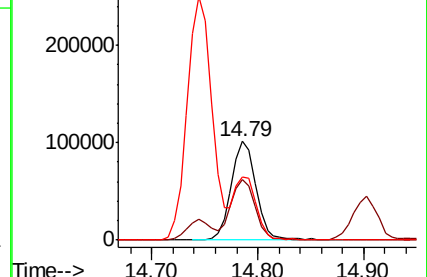
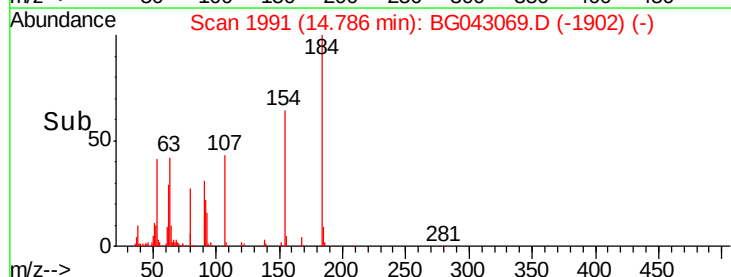
154 64.4 56.5 84.7

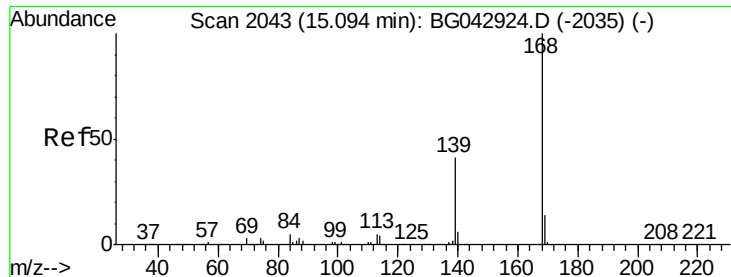


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

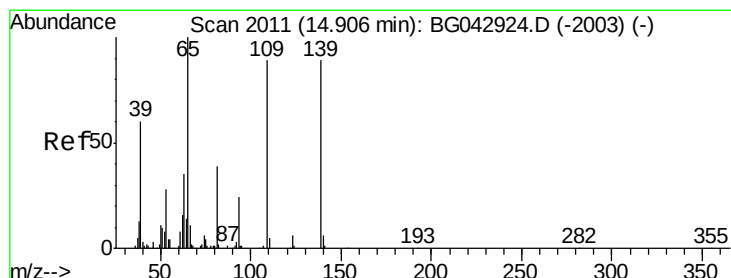
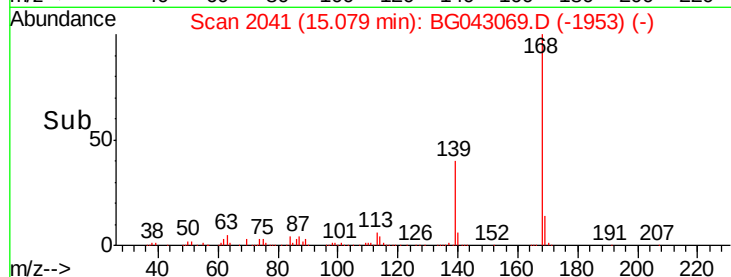
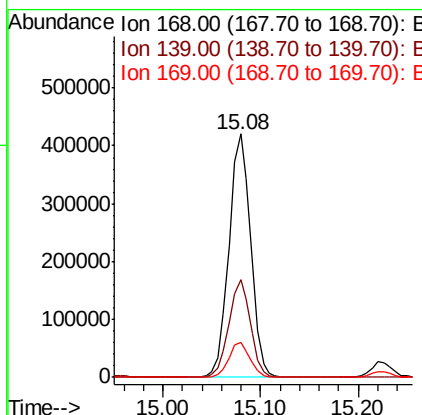
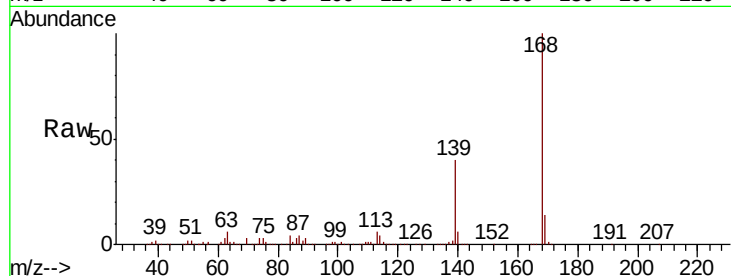




#55
Dibenzofuran
Concen: 48.127 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

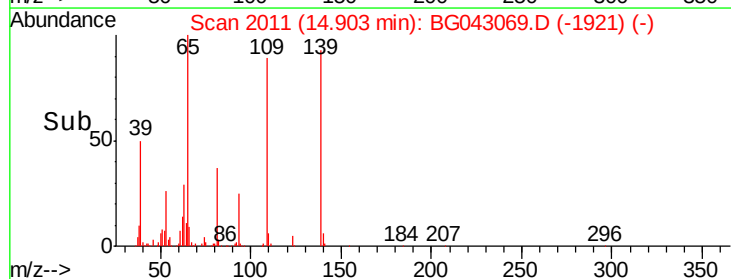
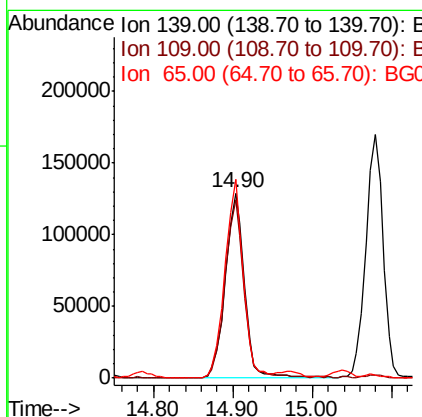
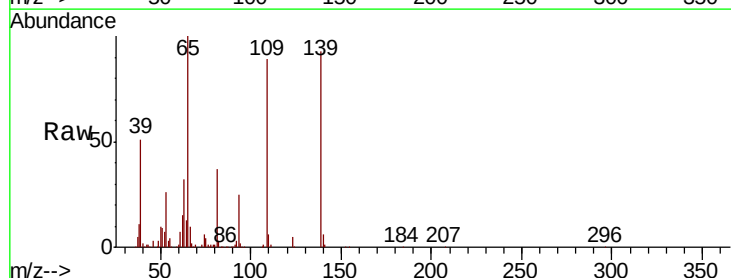
Instrument :
BNA_G
ClientSampleId :

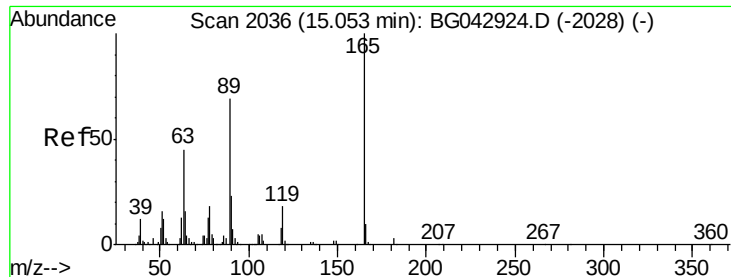
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.6	48.8
169	14.4	11.2	16.8



#56
4-Nitrophenol
Concen: 110.091 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.2	79.4	119.4
65	107.9	92.5	132.5

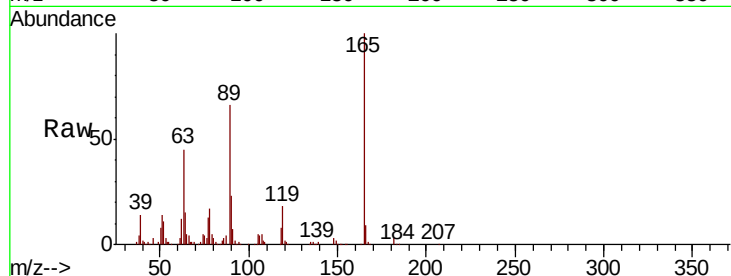




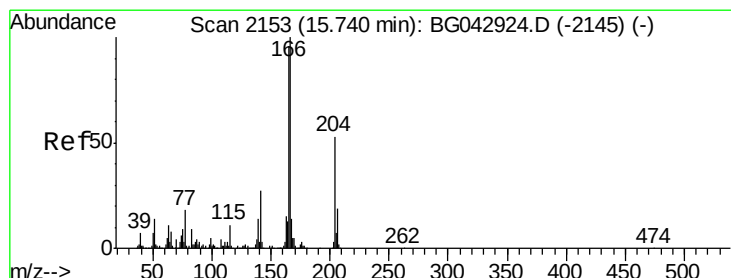
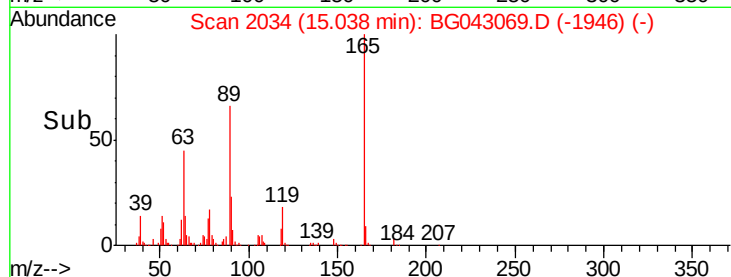
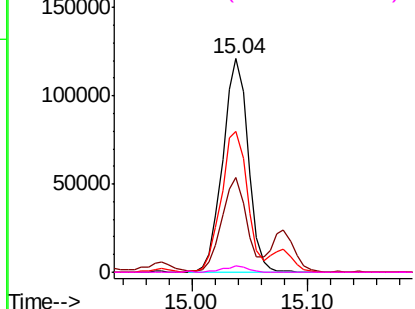
#57
 2,4-Dinitrotoluene
 Concen: 50.416 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.6	36.5	54.7
89	66.1	55.5	83.3
182	2.7	2.4	3.6

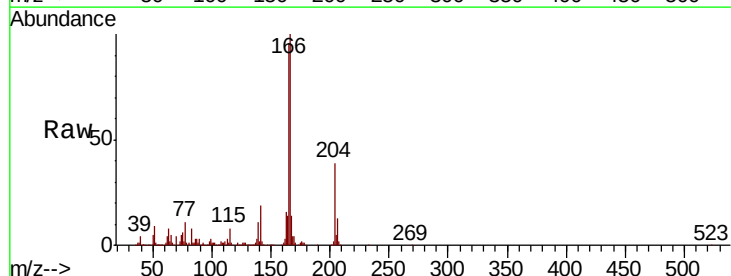


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

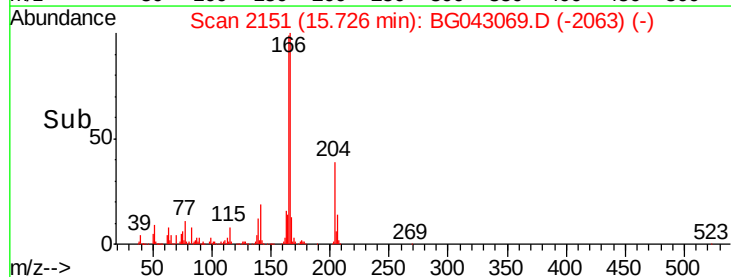
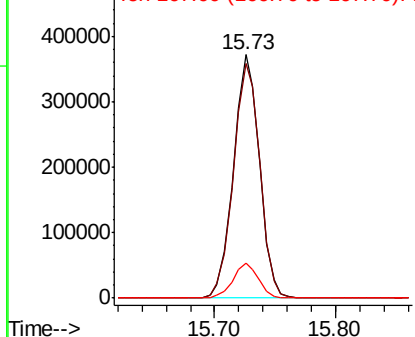


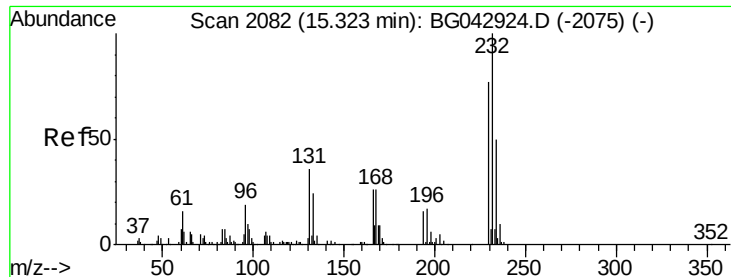
#58
 Fluorene
 Concen: 48.274 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.1	115.7
167	14.1	11.0	16.6



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

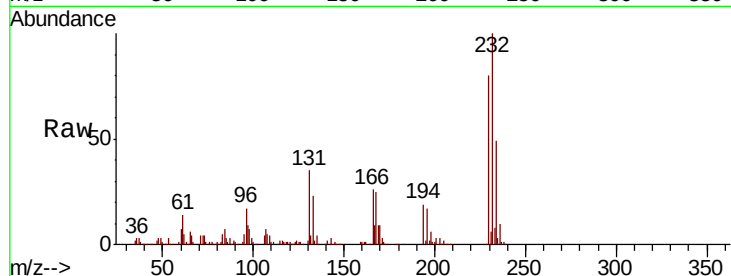




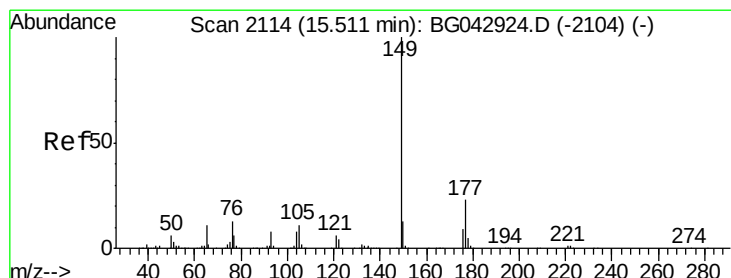
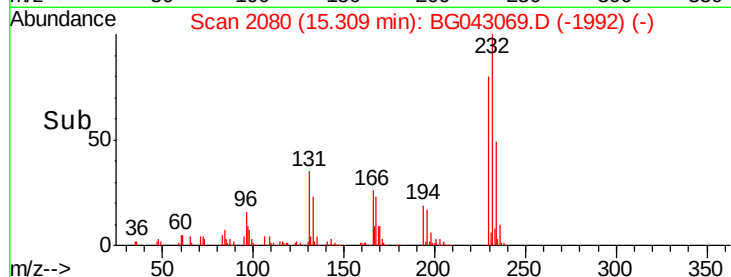
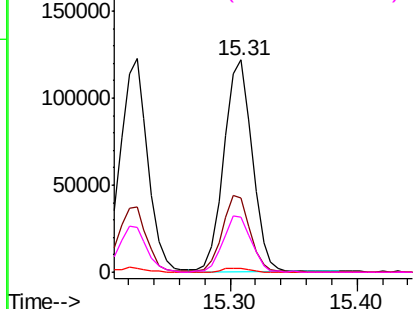
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.774 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	187774
Ion Ratio	Lower	Upper
232	100	
131	35.7	29.6 44.4
130	2.1	1.9 2.9
166	26.5	21.8 32.8

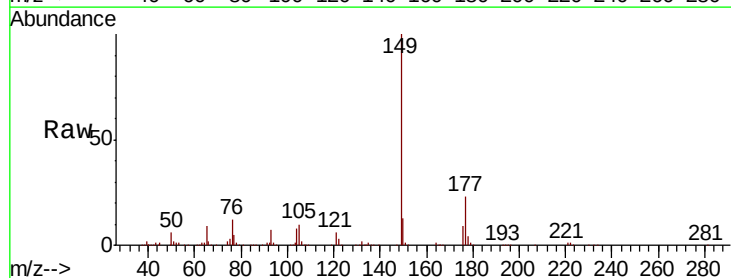


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

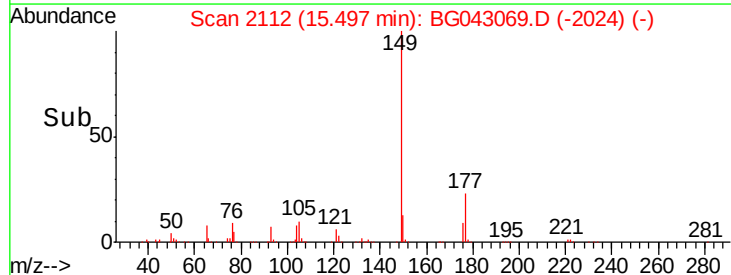
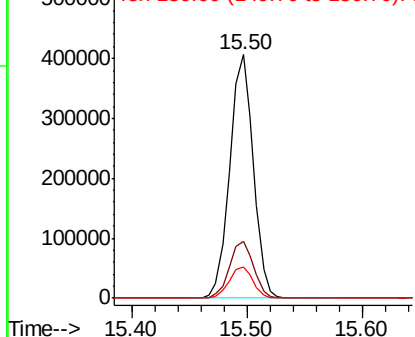


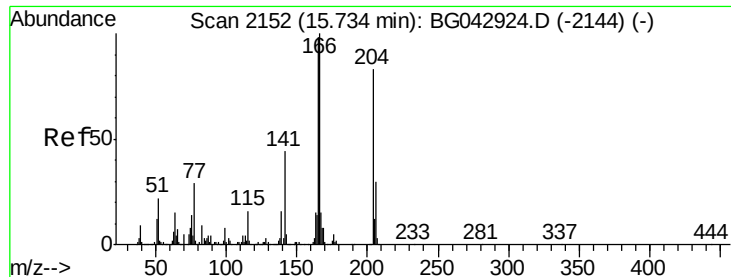
#60
 Diethylphthalate
 Concen: 47.875 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion:149	Resp:	570544
Ion Ratio	Lower	Upper
149	100	
177	23.3	18.8 28.2
150	12.6	10.6 15.8



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

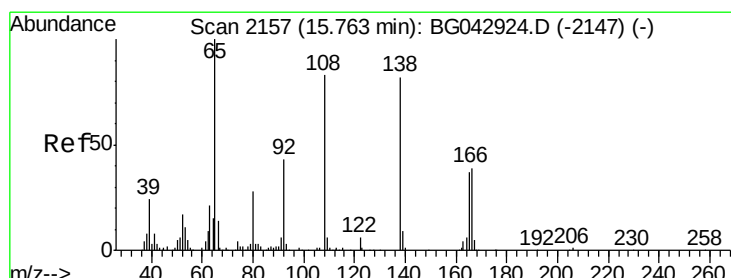
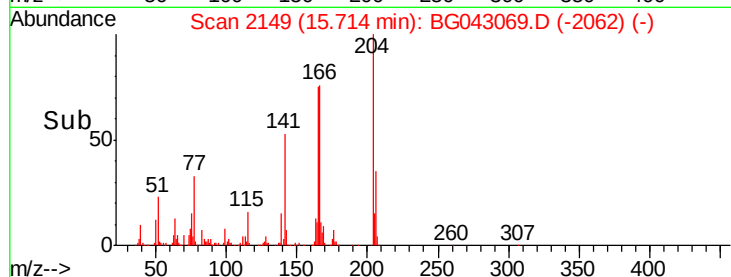
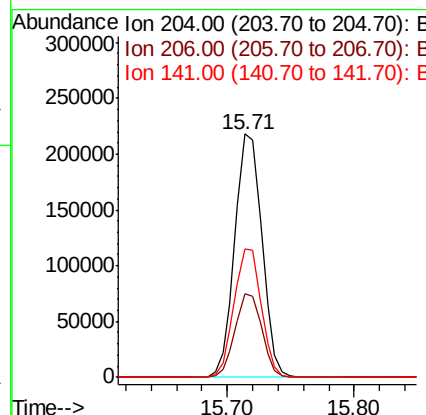
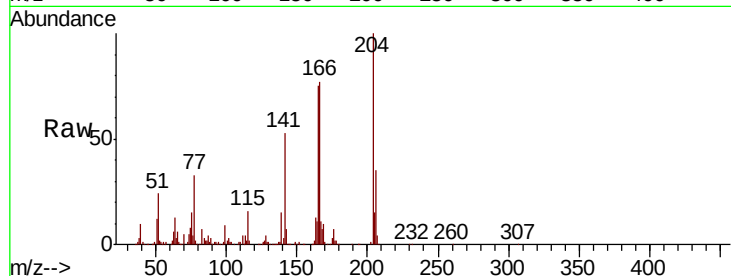




#61
4-Chlorophenyl-phenylether
Concen: 46.726 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

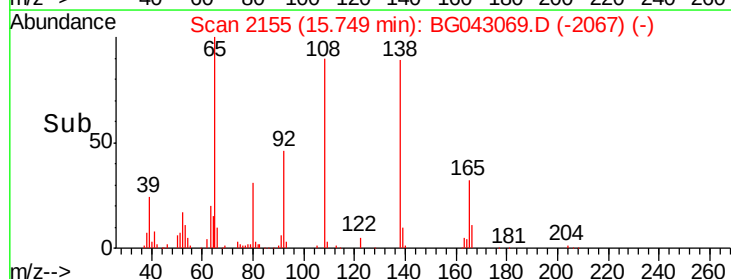
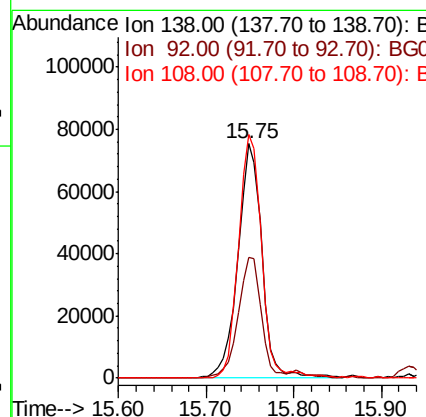
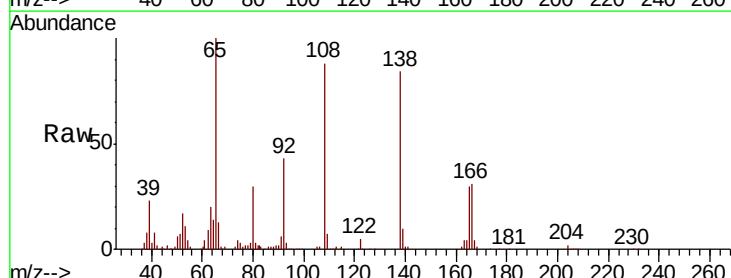
Instrument :
BNA_G
ClientSampled :

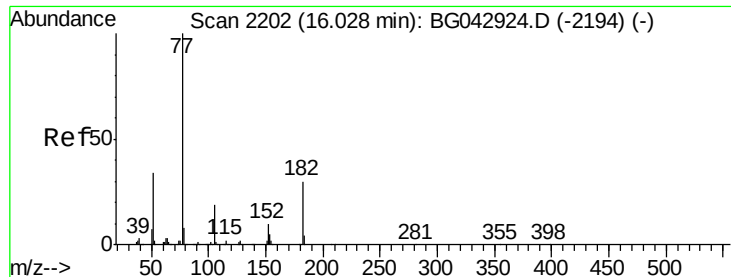
Tot Ion:204 Resp: 322108
Ion Ratio Lower Upper
204 100
206 34.5 28.5 42.7
141 52.7 42.4 63.6



#62
4-Nitroaniline
Concen: 49.608 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion:138 Resp: 139434
Ion Ratio Lower Upper
138 100
92 51.4 32.9 72.9
108 104.0 81.3 121.3





#63

Azobenzene

Concen: 44.974 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 487970

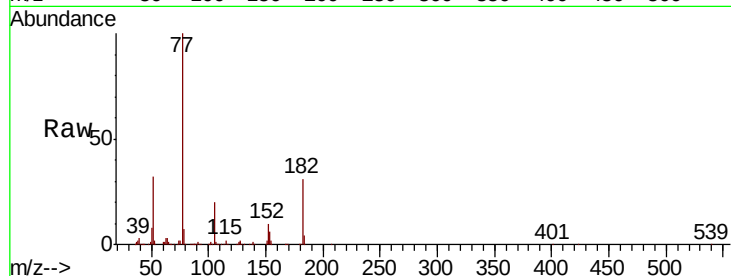
Ion Ratio Lower Upper

77 100

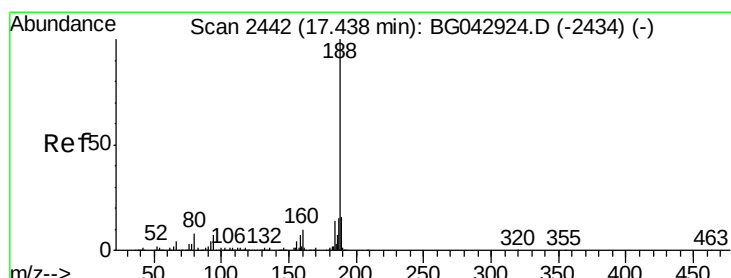
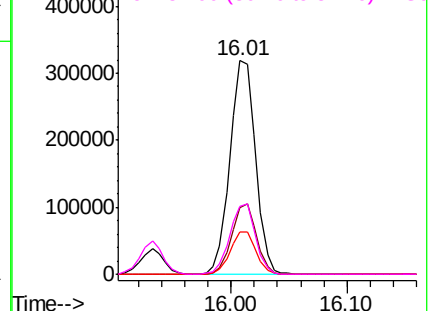
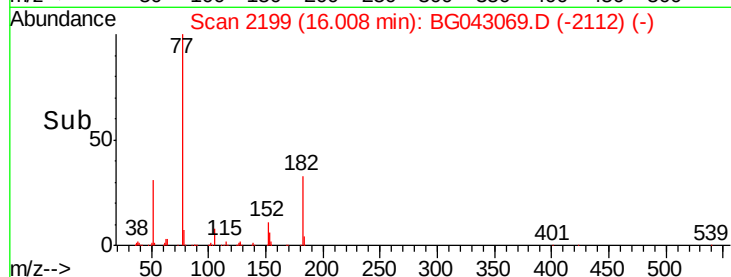
182 30.9 10.2 50.2

105 19.7 0.0 39.1

51 31.9 13.9 53.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

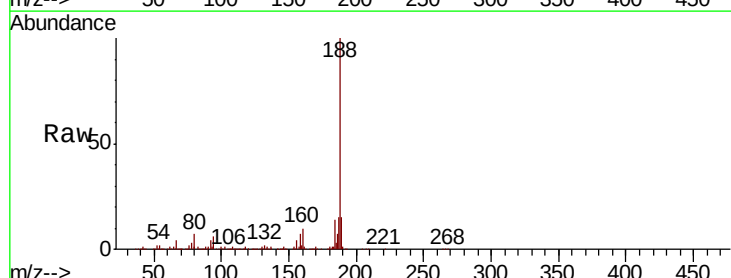
Tgt Ion: 188 Resp: 395048

Ion Ratio Lower Upper

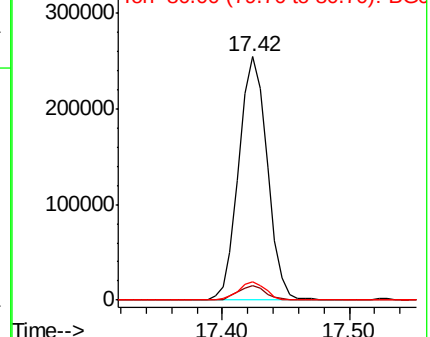
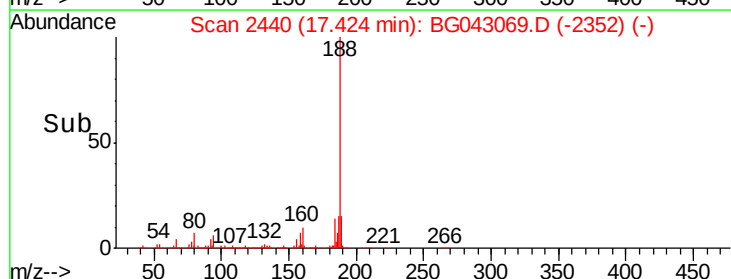
188 100

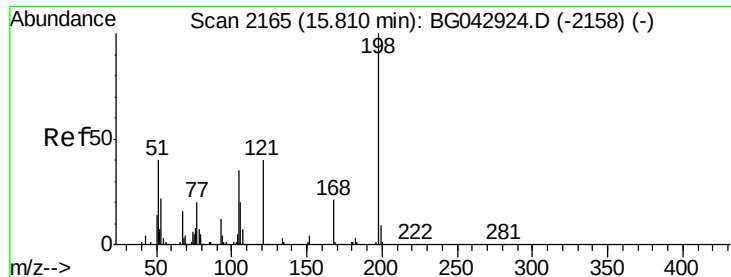
94 6.1 5.7 8.5

80 7.4 6.5 9.7



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

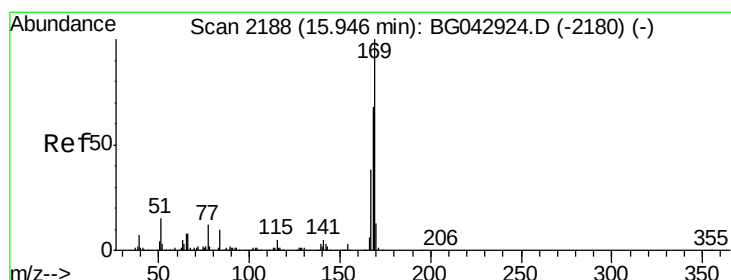
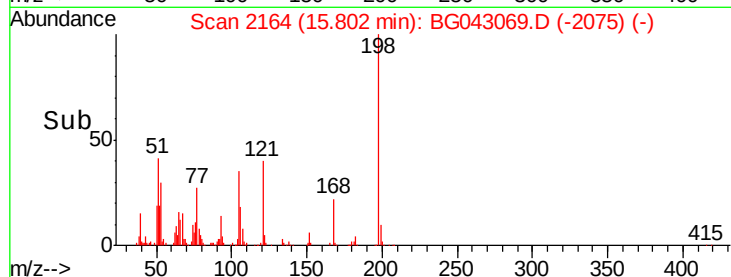
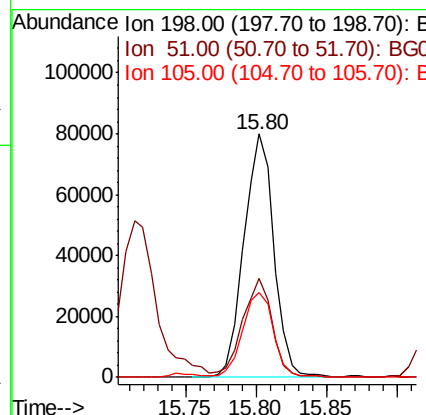
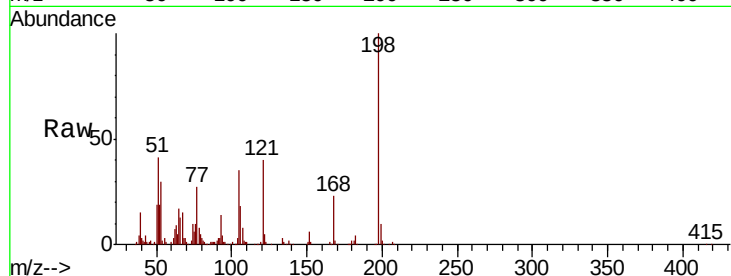




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.975 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

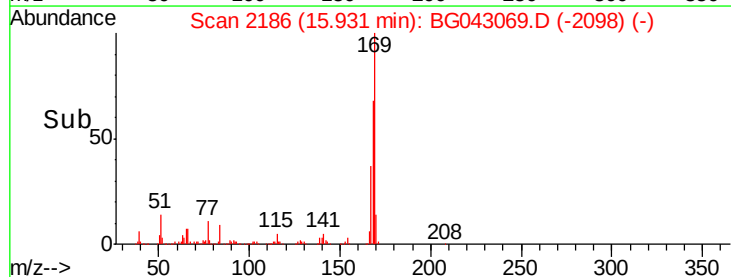
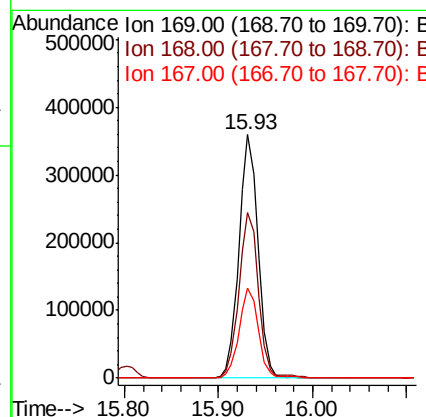
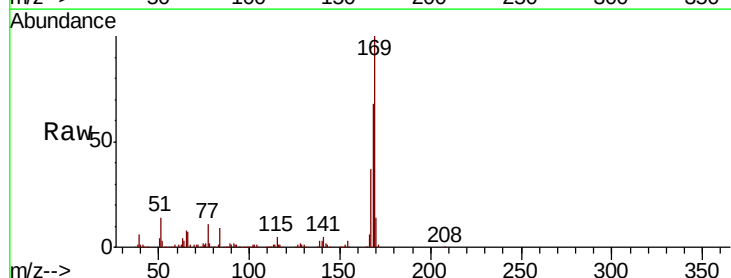
Instrument :
 BNA_G
 ClientSampled :

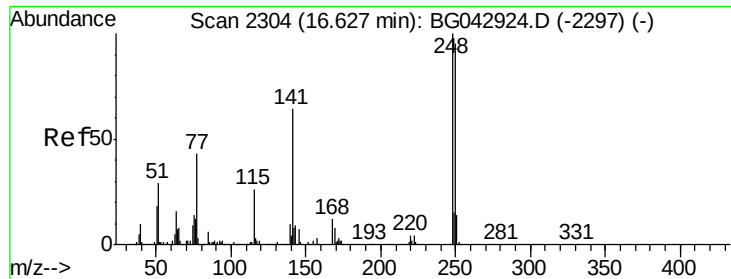
Tot Ion	Ratio	Lower	Upper
198	100		
51	40.7	25.3	65.3
105	34.8	16.6	56.6



#66
 n-Nitrosodiphenylamine
 Concen: 48.444 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.8	82.2
167	36.9	30.6	46.0

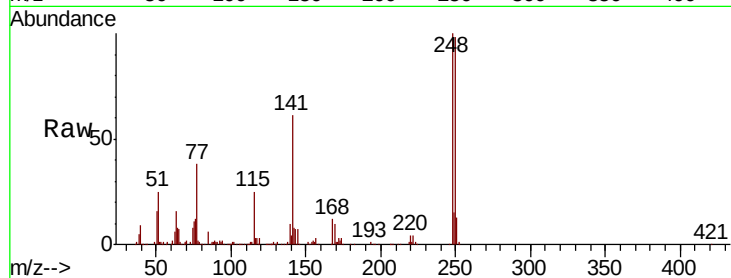




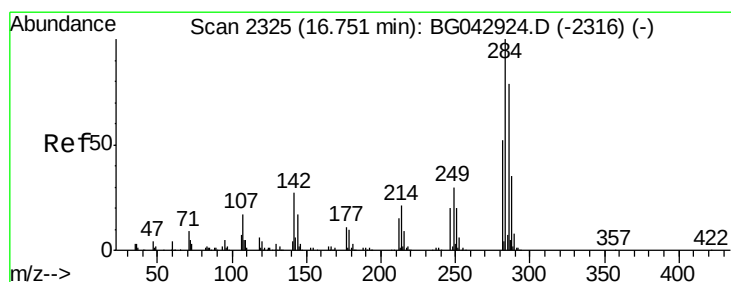
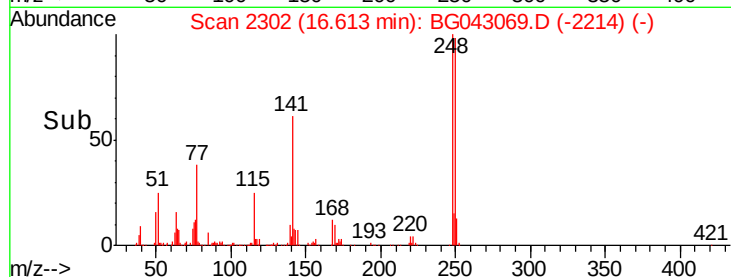
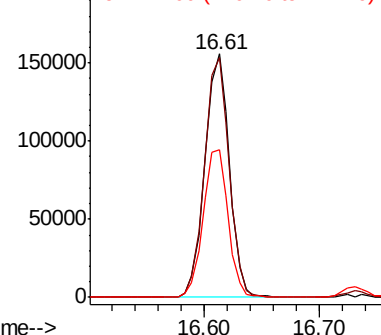
#67
4-Bromophenyl-phenylether
Concen: 46.099 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 228569
Ion Ratio Lower Upper
248 100
250 98.4 75.8 113.8
141 60.8 51.1 76.7

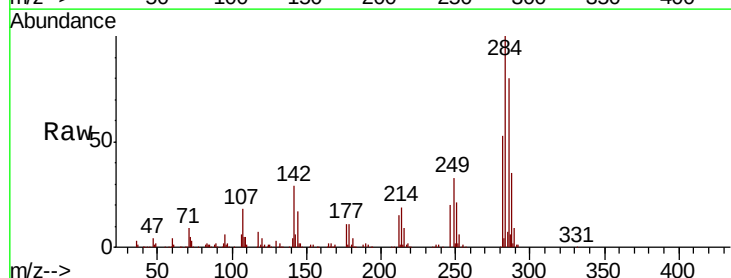


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

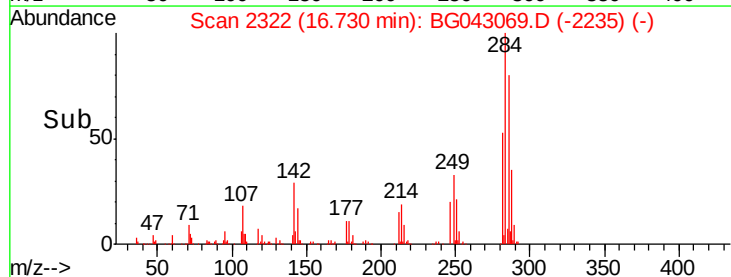
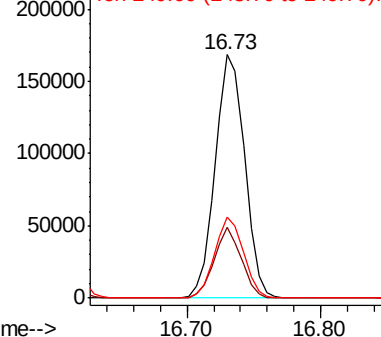


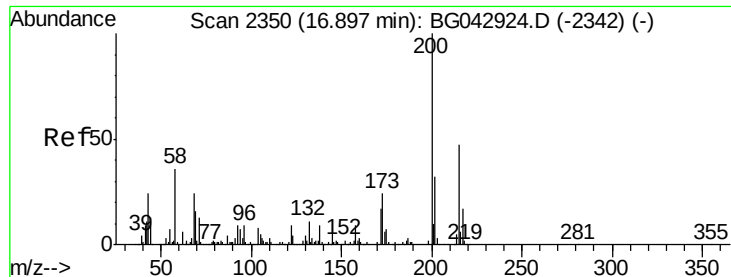
#68
Hexachlorobenzene
Concen: 46.525 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion:284 Resp: 256847
Ion Ratio Lower Upper
284 100
142 28.9 21.6 32.4
249 33.4 24.1 36.1



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: 44.734 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

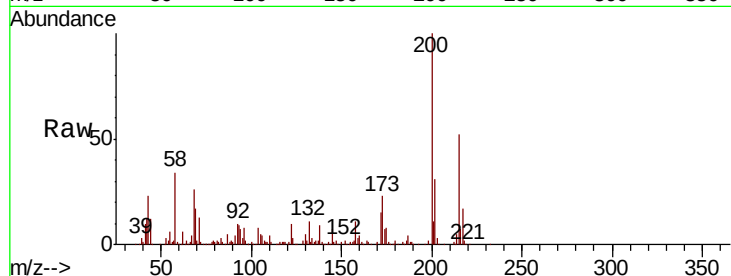
Tot Ion:200 Resp: 196448

Ion Ratio Lower Upper

200 100

173 23.4 4.0 44.0

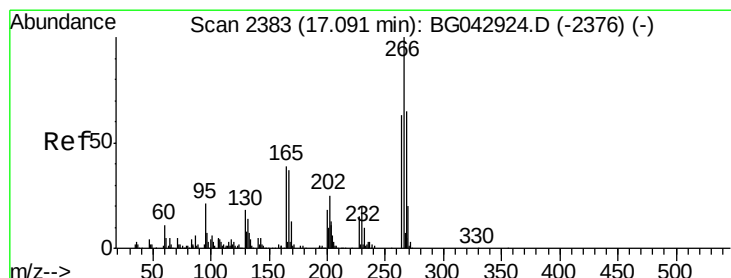
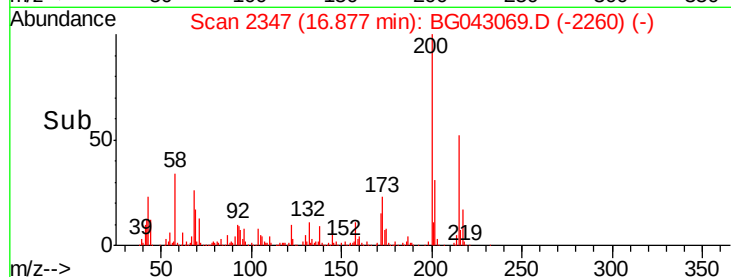
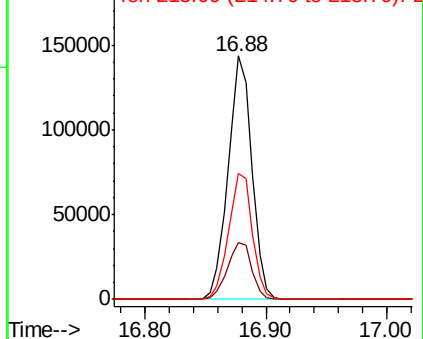
215 51.8 27.4 67.4



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: 103.603 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

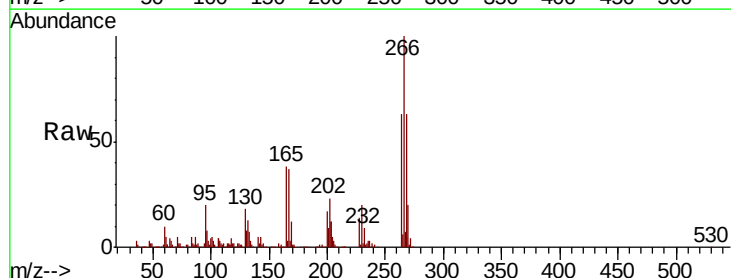
Tgt Ion:266 Resp: 330032

Ion Ratio Lower Upper

266 100

268 63.0 52.2 78.2

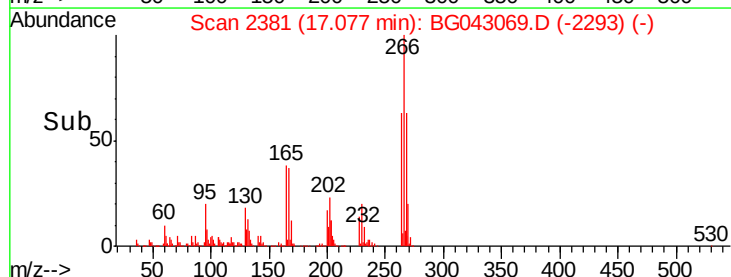
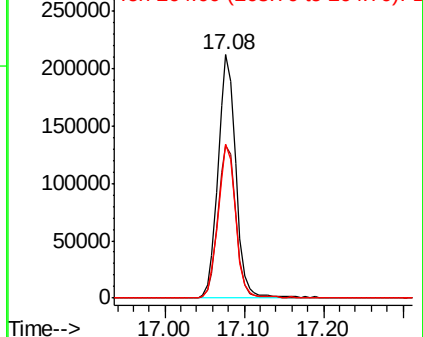
264 63.3 50.7 76.1

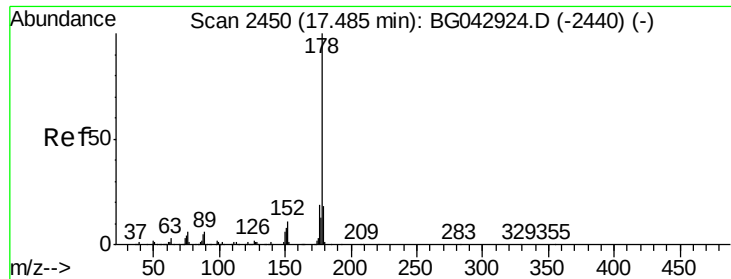


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

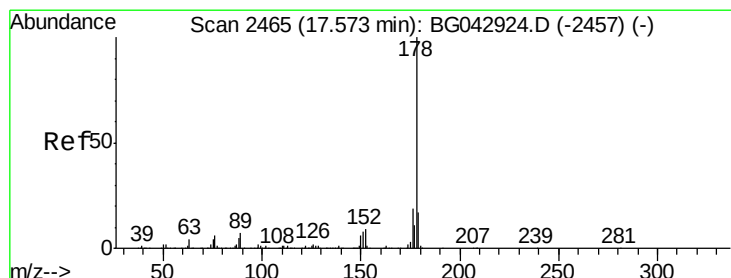
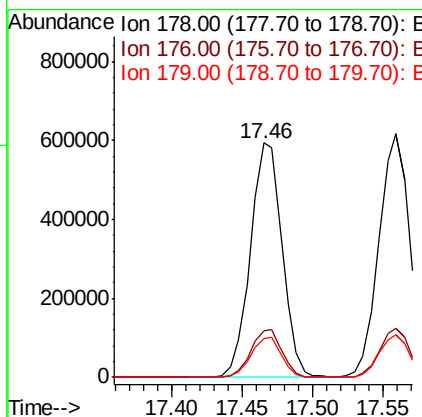
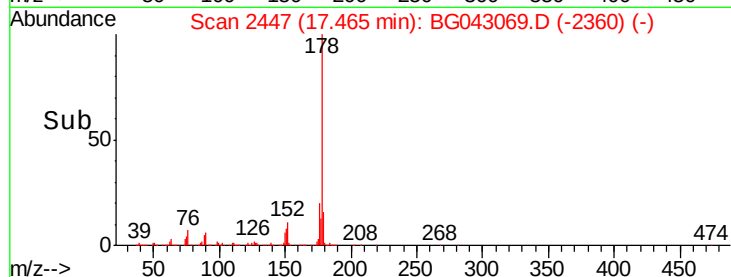
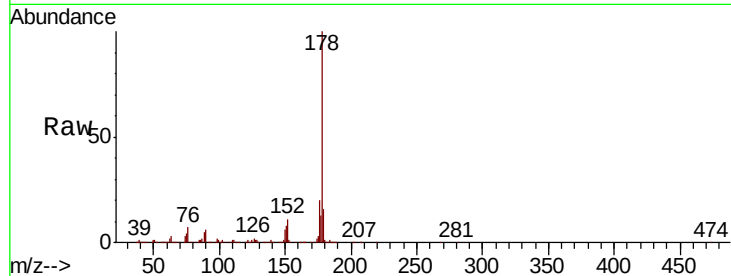




#71
Phenanthrene
Concen: 48.828 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

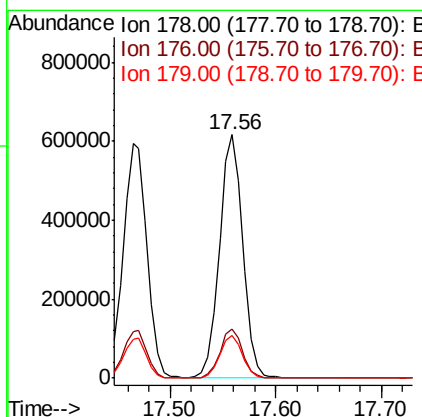
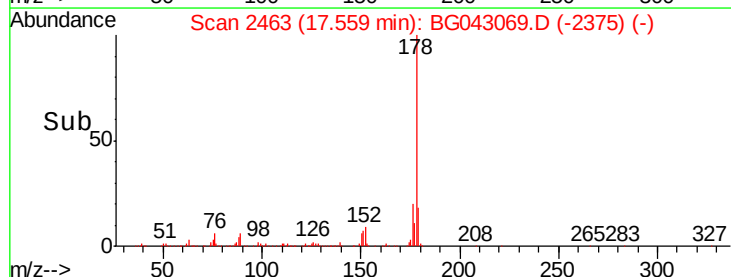
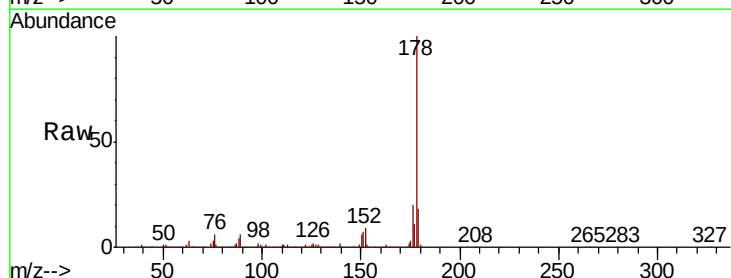
Instrument :
BNA_G
ClientSampleId :

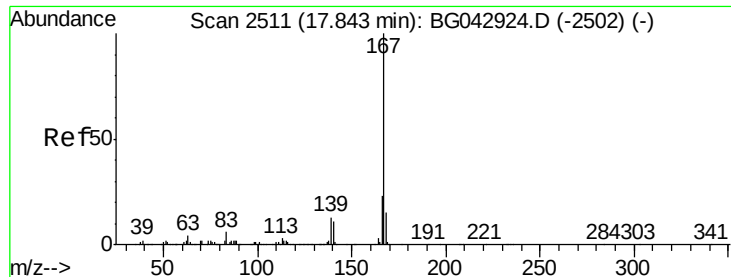
Tot Ion:178 Resp: 941721
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 16.5 14.1 21.1



#72
Anthracene
Concen: 49.106 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion:178 Resp: 945485
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 17.6 13.5 20.3

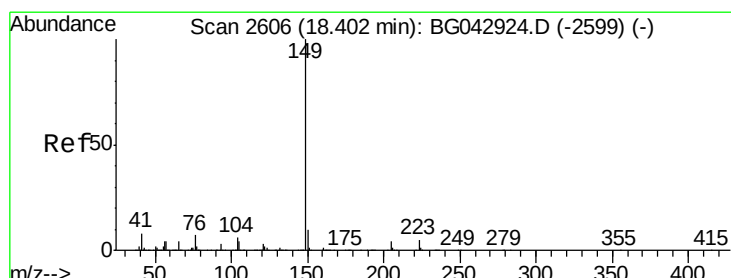
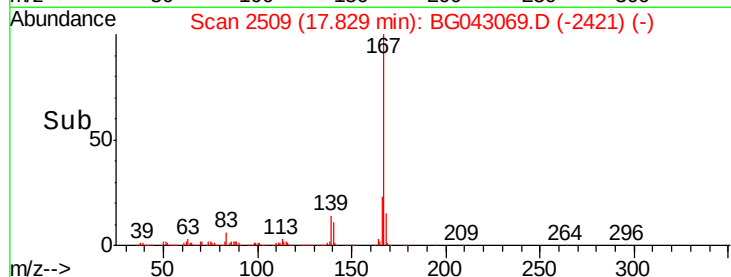
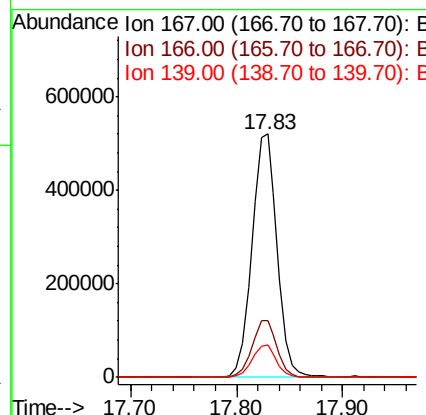
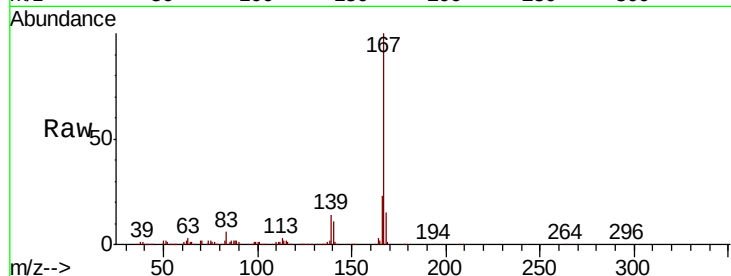




#73
 Carbazole
 Concen: 48.101 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

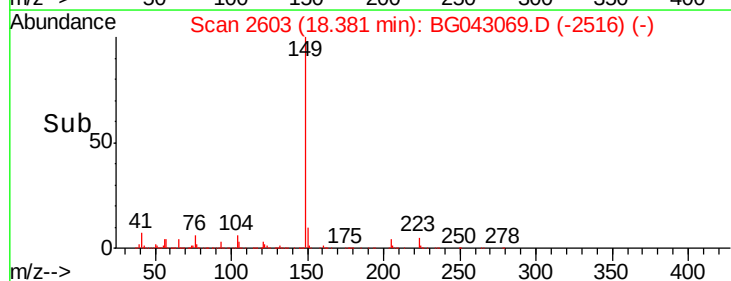
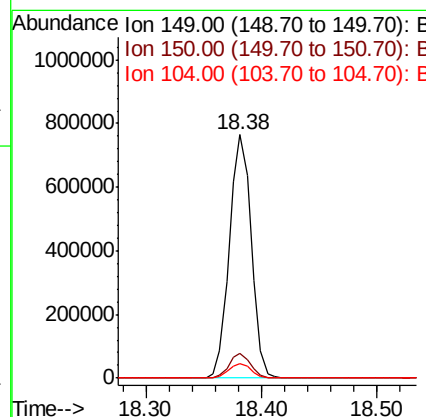
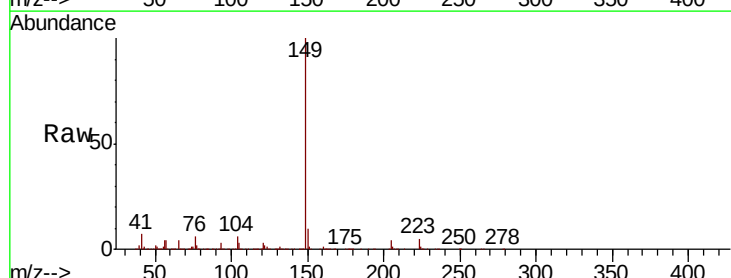
Instrument :
 BNA_G
 ClientSampleId :

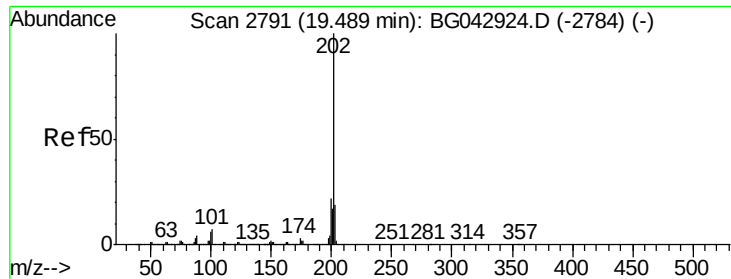
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.6	28.0
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 47.083 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043069.D
 Acq: 7 Oct 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.1	5.0	7.6





#75

Fluoranthene

Concen: 49.929 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampled :

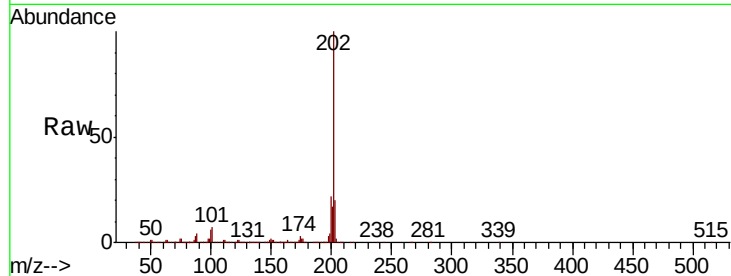
Tot Ion:202 Resp: 1273676

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.3

203 19.6 0.0 39.5

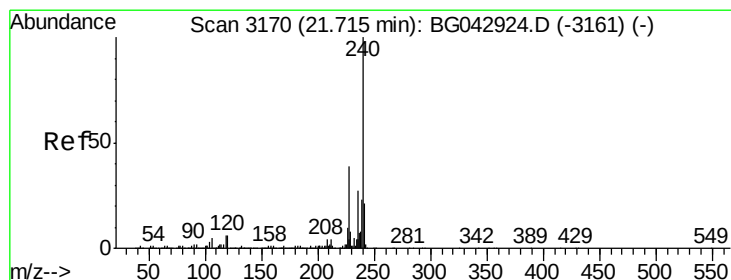
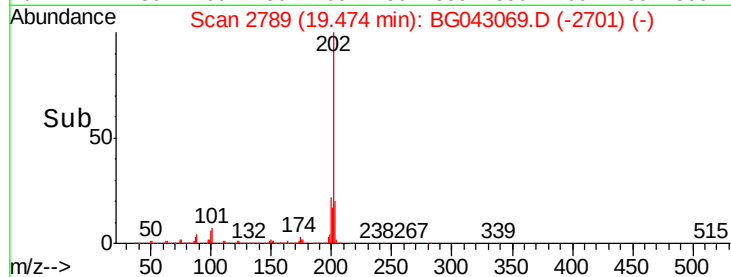
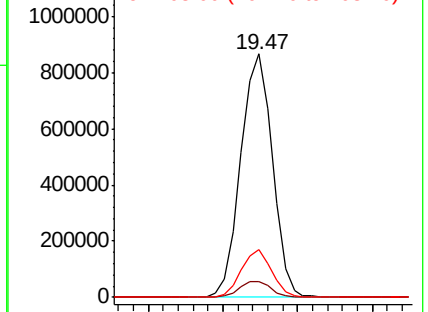


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

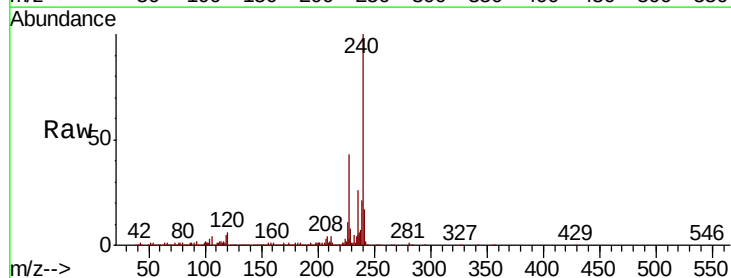
Tgt Ion:240 Resp: 430285

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

236 26.2 21.4 32.0

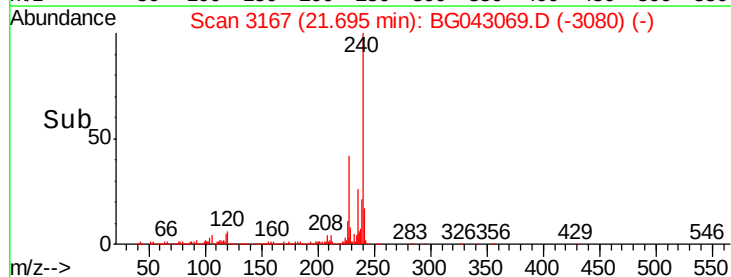
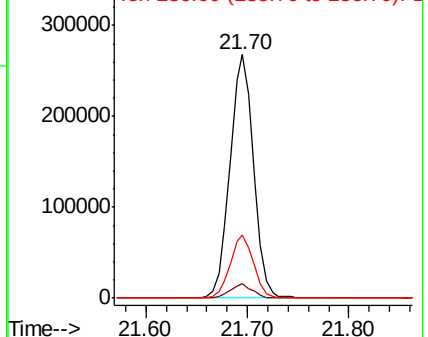


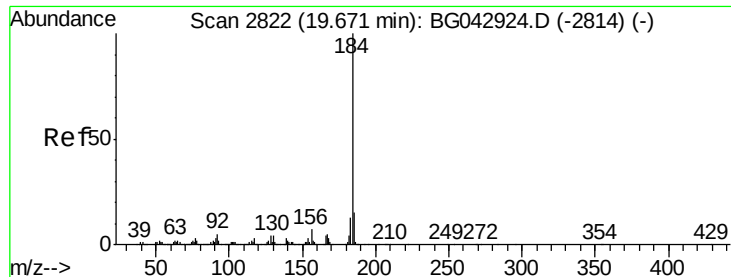
Abundance

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: 54.107 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

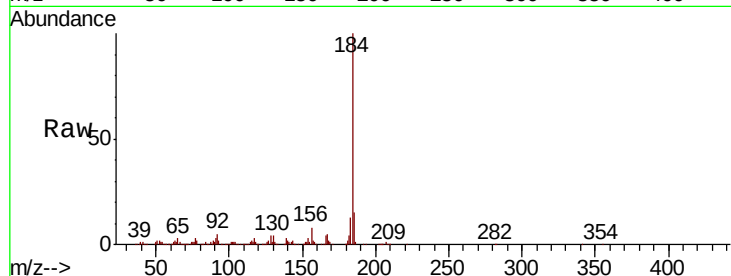
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 582939

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	13.0	10.1	15.1

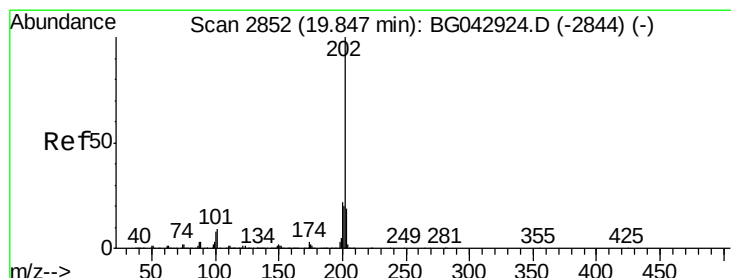
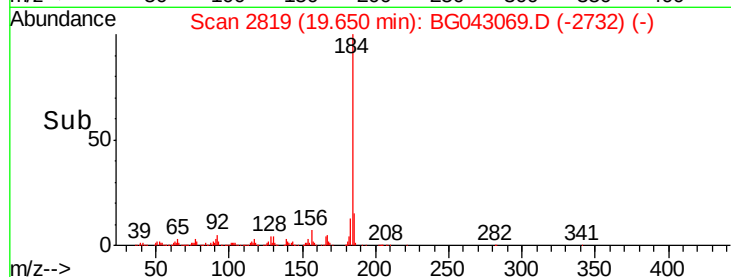
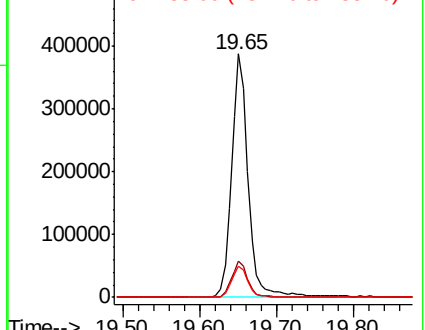


Abundance

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: 49.287 ng

RT: 19.83 min Scan# 2850

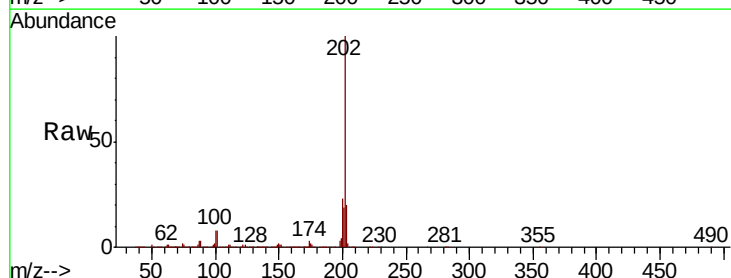
Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:202 Resp: 1265786

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.6	26.4
203	19.5	15.2	22.8

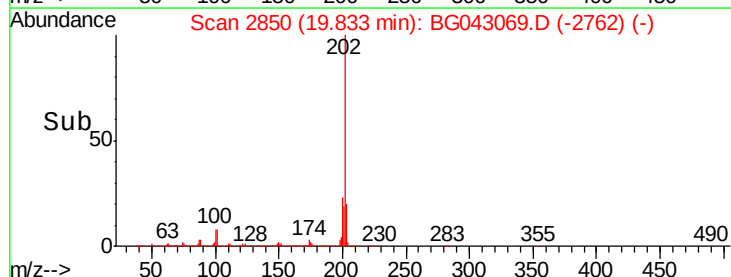
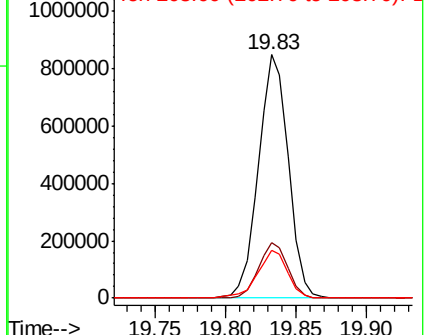


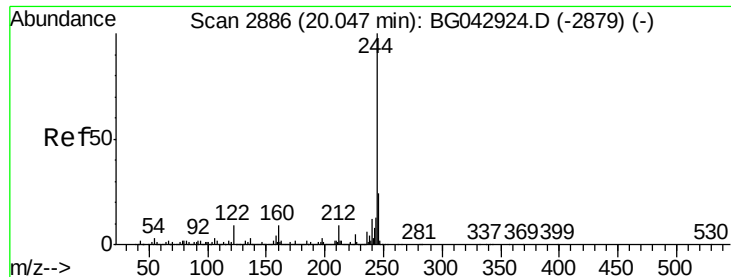
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.648 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

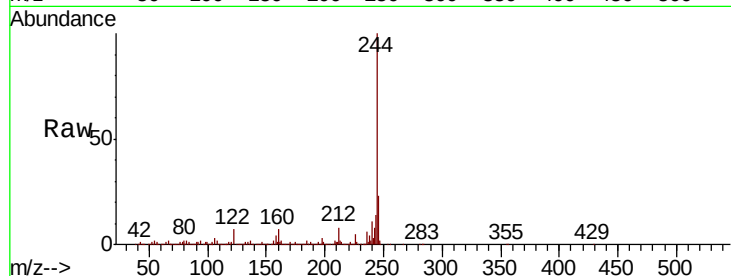
Tot Ion:244 Resp: 1466964

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	6.8	7.0	10.4

244 100

212 7.8 7.4 11.0

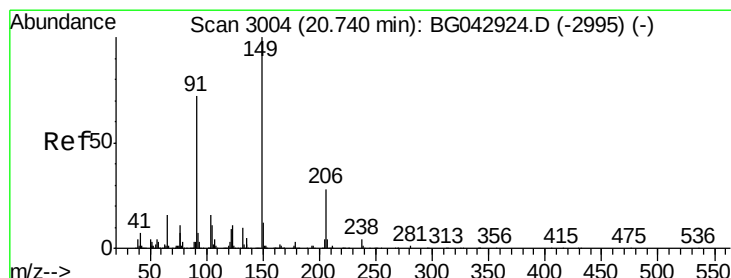
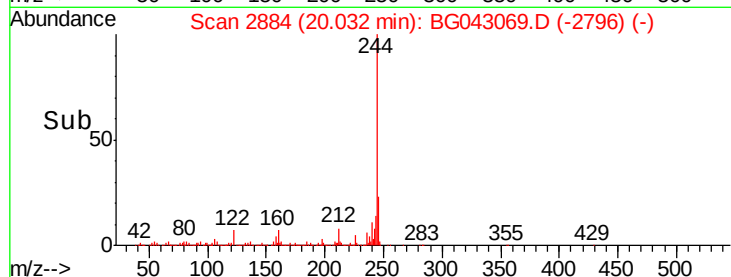
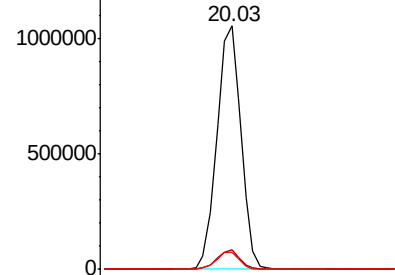
122 6.8 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.604 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

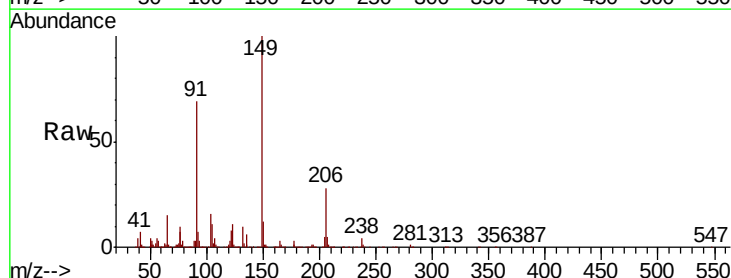
Tgt Ion:149 Resp: 454310

Ion	Ratio	Lower	Upper
149	100		
91	69.4	57.7	86.5
206	27.6	22.6	33.8

149 100

91 69.4 57.7 86.5

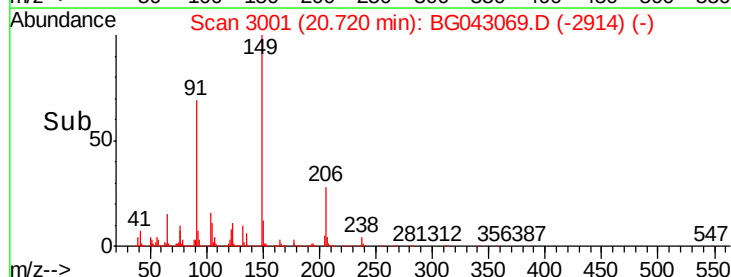
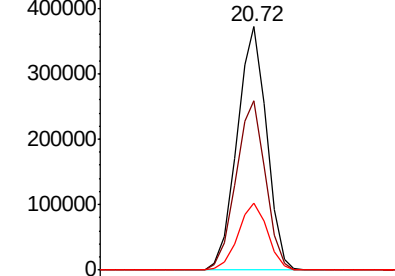
206 27.6 22.6 33.8

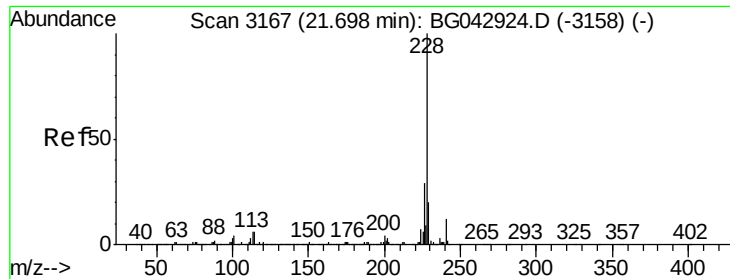


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

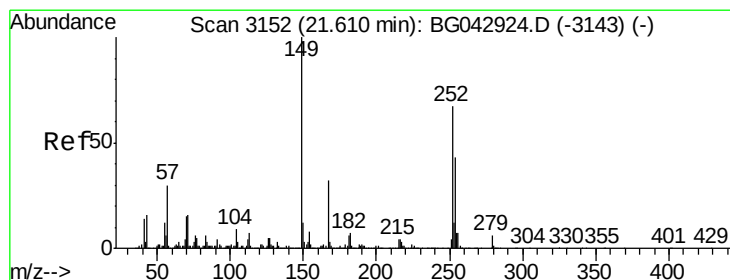
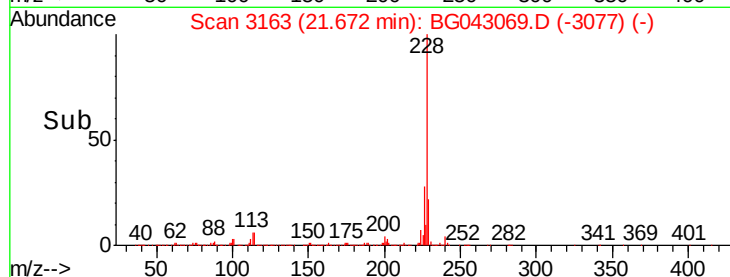
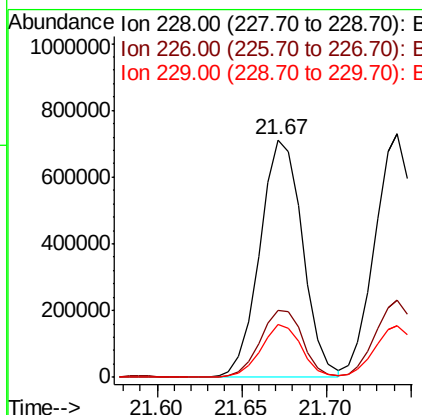
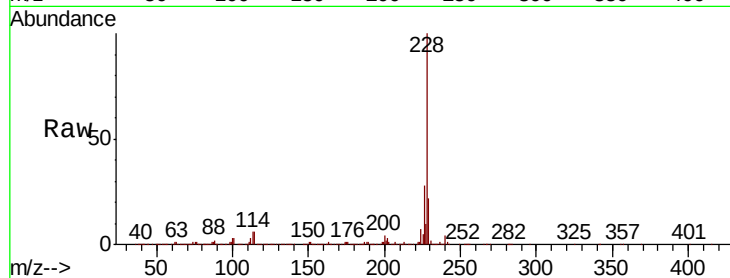




#81
Benzo(a)anthracene
Concen: 46.758 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

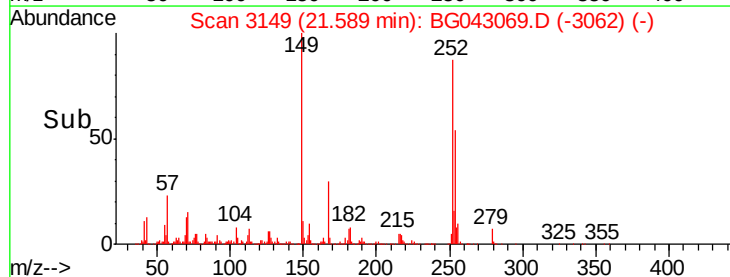
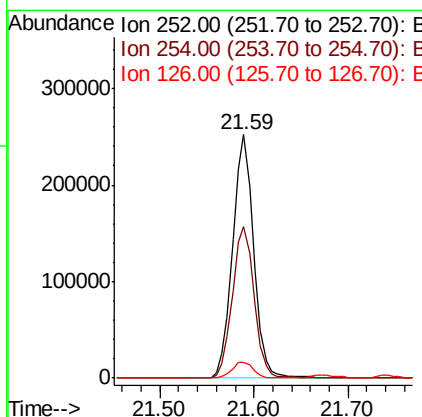
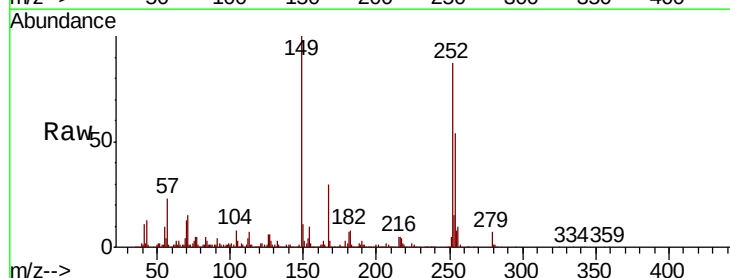
Instrument :
BNA_G
ClientSampled :

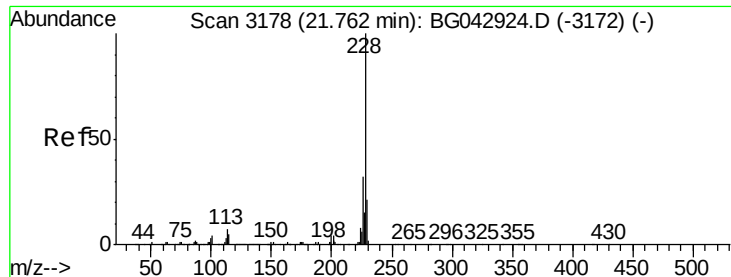
Tot Ion:228 Resp: 1253625
Ion Ratio Lower Upper
228 100
226 28.1 23.0 34.4
229 22.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 37.318 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion:252 Resp: 392413
Ion Ratio Lower Upper
252 100
254 62.0 51.9 77.9
126 6.4 6.1 9.1





#83

Chrysene

Concen: 46.891 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

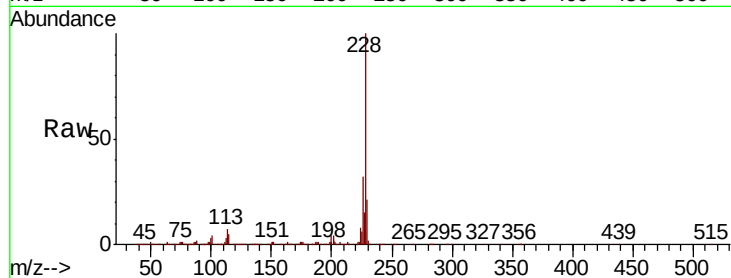
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1219994

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.4	16.9	25.3

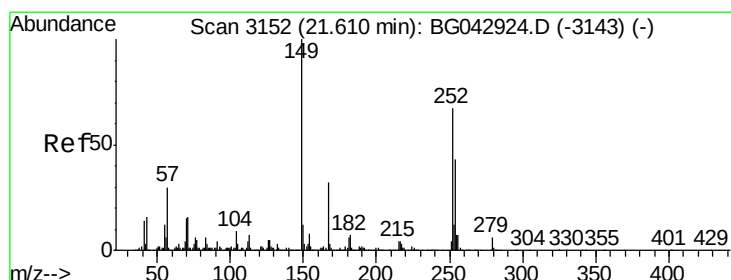
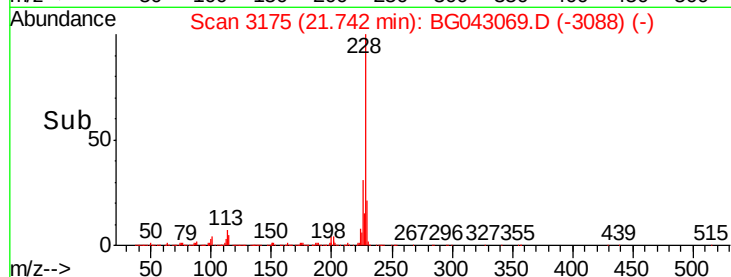
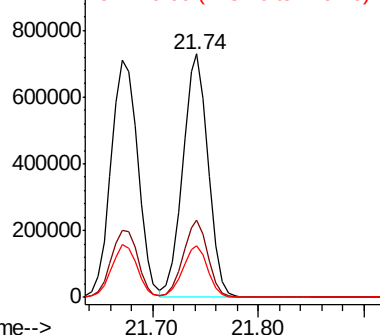


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.965 ng

RT: 21.58 min Scan# 3147

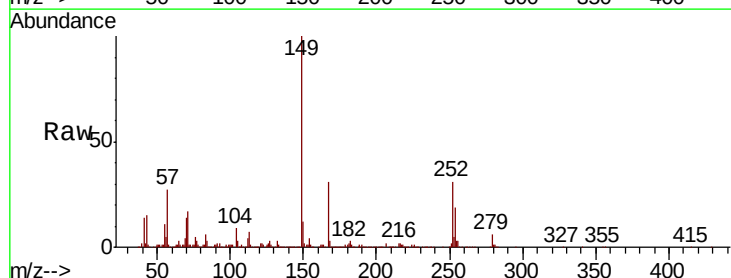
Delta R.T. -0.03 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:149 Resp: 651465

Ion	Ratio	Lower	Upper
149	100		
167	30.6	25.4	38.2
279	6.2	5.1	7.7

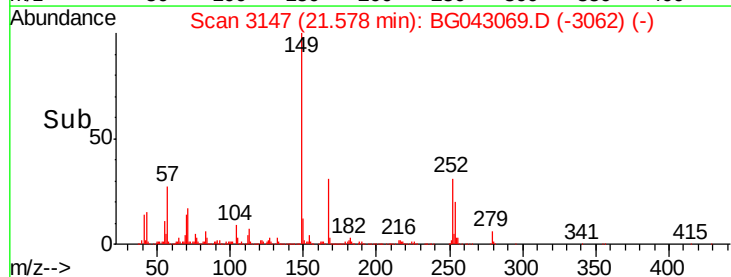
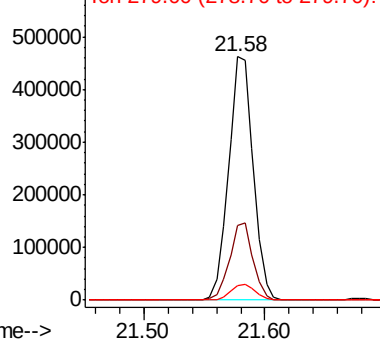


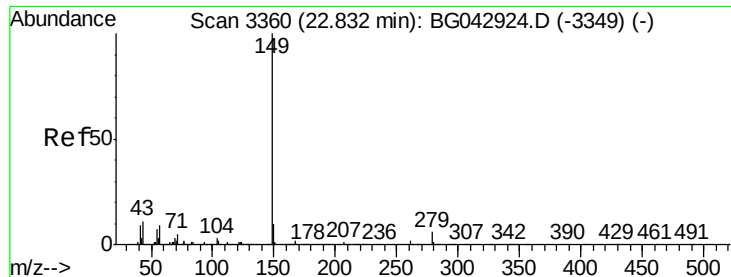
Abundance

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: 49.014 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

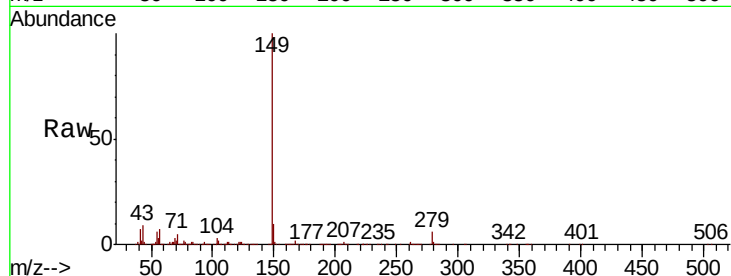
Tot Ion:149 Resp: 1111742

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 8.9 8.7 13.1



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

800000

600000

400000

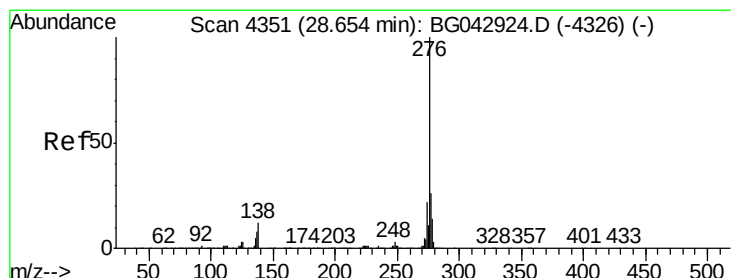
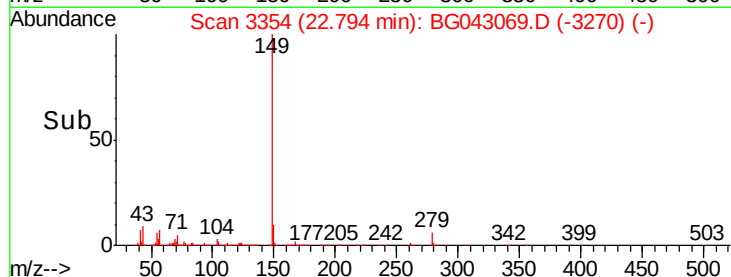
200000

0

22.79

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.598 ng

RT: 28.58 min Scan# 4339

Delta R.T. -0.07 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

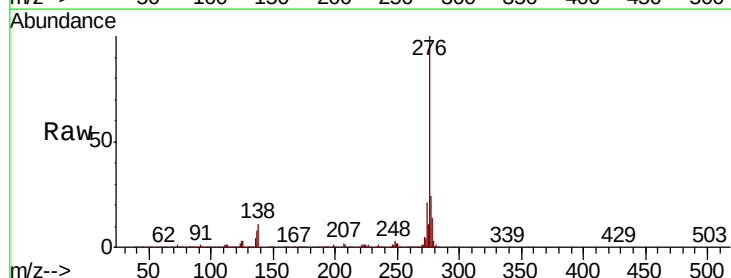
Tgt Ion:276 Resp: 1606464

Ion Ratio Lower Upper

276 100

138 14.2 7.0 10.6#

277 26.4 20.9 31.3



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

300000

200000

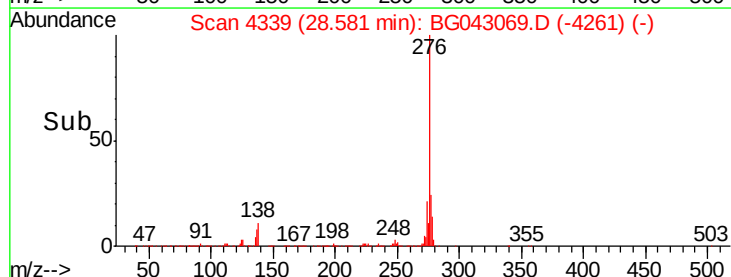
100000

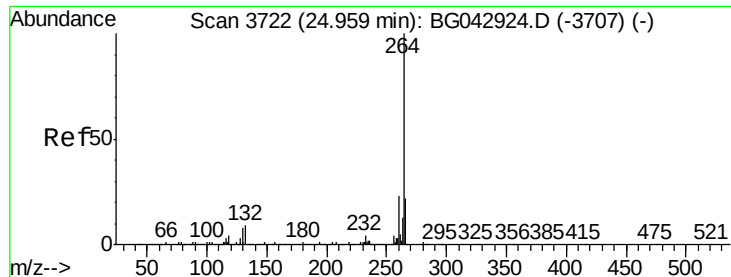
0

28.58

28.40 28.60 28.80

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

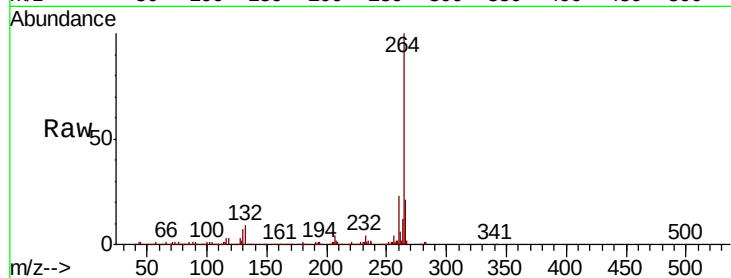
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 493030

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.3	17.7	26.5

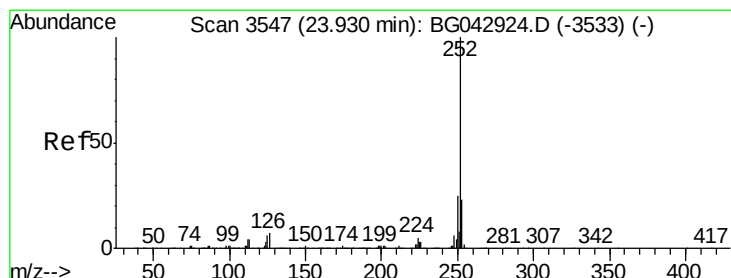
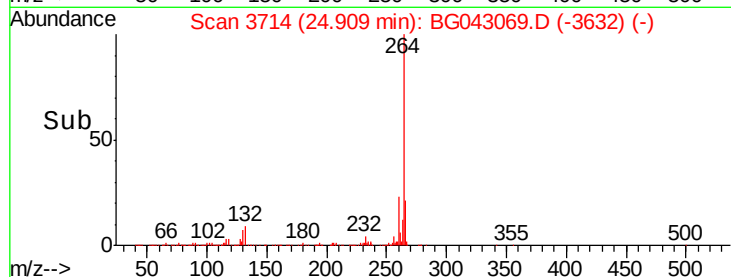
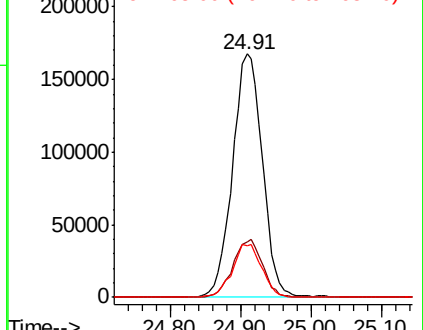


Abundance

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: 48.104 ng

RT: 23.89 min Scan# 3541

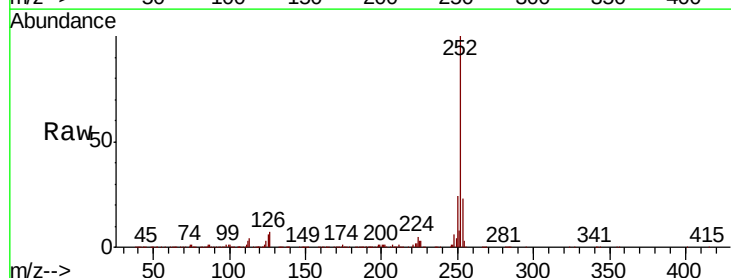
Delta R.T. -0.04 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Tgt Ion:252 Resp: 1341965

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	5.7	4.6	7.0

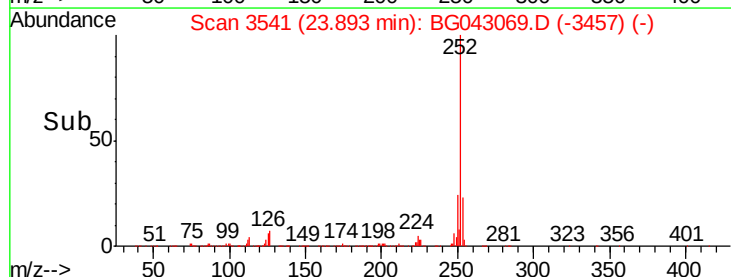
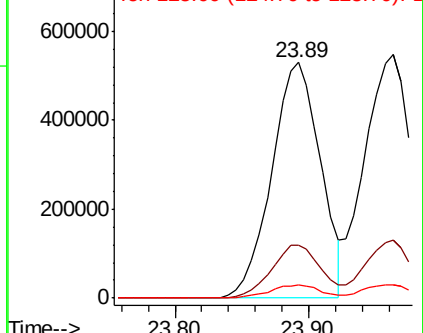


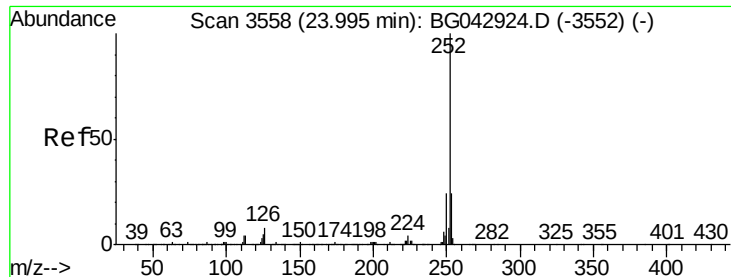
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.411 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

Instrument :

BNA_G

ClientSampleId :

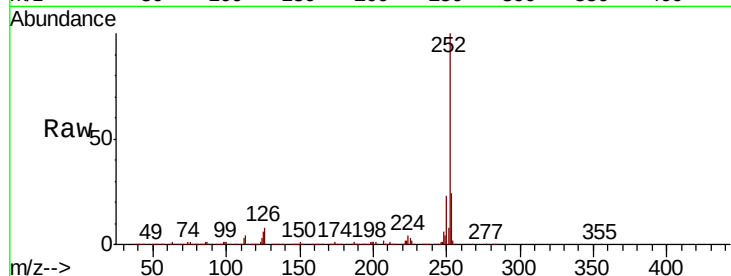
Tot Ion:252 Resp: 1336046

Ion Ratio Lower Upper

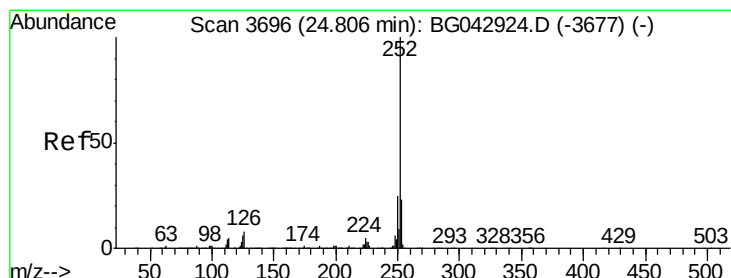
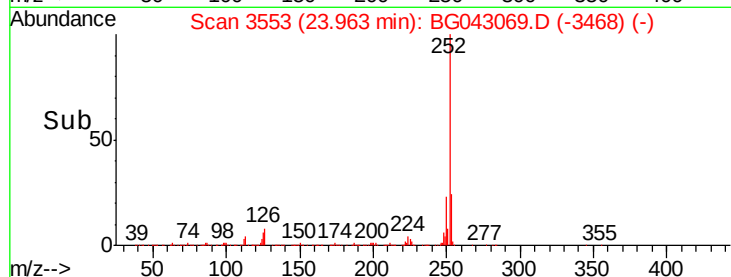
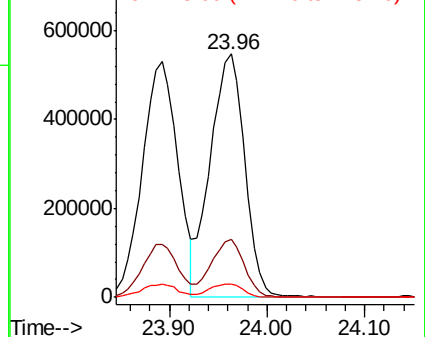
252 100

253 23.8 18.9 28.3

125 5.6 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



#90

Benzo(a)pyrene

Concen: 50.459 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.04 min

Lab File: BG043069.D

Acq: 7 Oct 2019 15:58

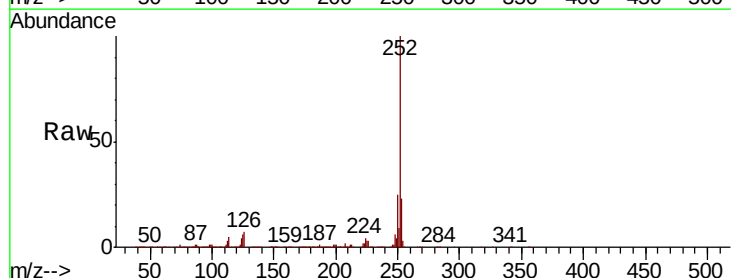
Tgt Ion:252 Resp: 1328076

Ion Ratio Lower Upper

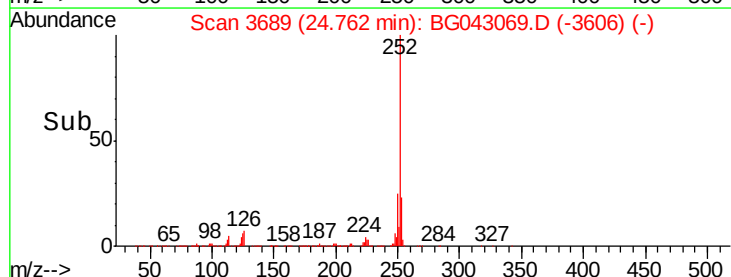
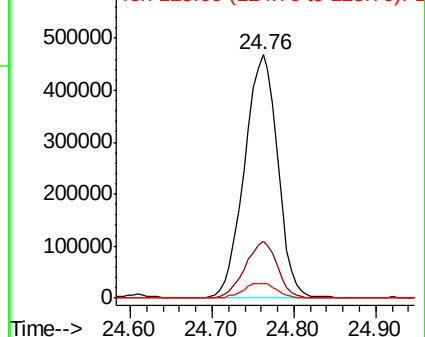
252 100

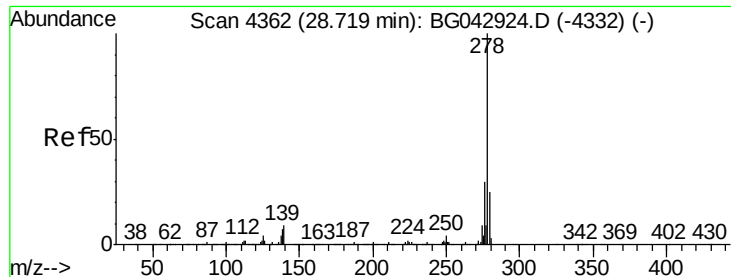
253 23.3 18.2 27.4

125 6.2 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

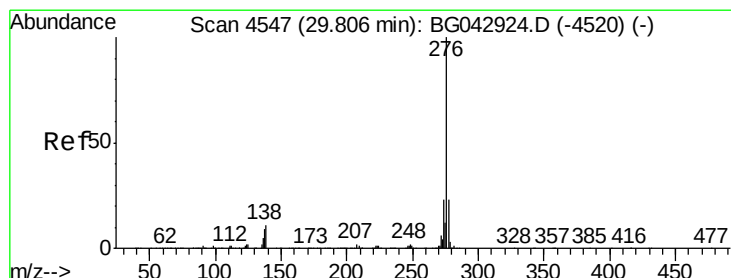
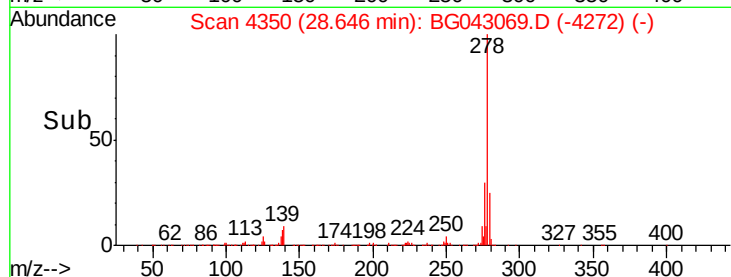
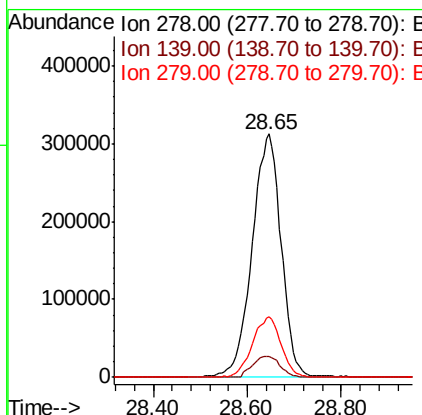
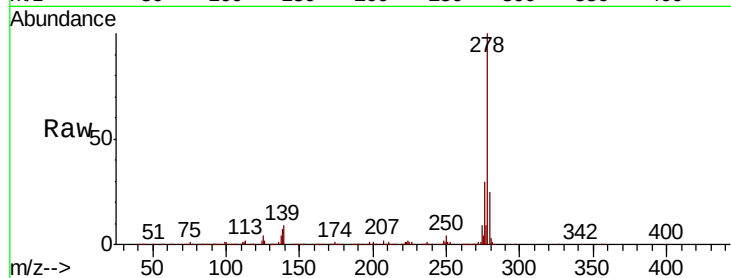




#91
Dibenzo(a,h)anthracene
Concen: 49.829 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 1344818
Ion Ratio Lower Upper
278 100
139 8.7 6.8 10.2
279 24.8 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 51.557 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.08 min
Lab File: BG043069.D
Acq: 7 Oct 2019 15:58

Tgt Ion:276 Resp: 1348199
Ion Ratio Lower Upper
276 100
277 25.3 18.4 27.6
138 11.7 8.6 12.8

