

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042997.D
 Acq On : 2 Oct 2019 22:57
 Operator : JU
 Sample : K5133-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

Quant Time: Oct 03 04:28:49 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	8.07	152	64560	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	248189	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	179227	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	431678	20.00	ng	0.00
76) Chrysene-d12	21.70	240	460468	20.00	ng	-0.01
87) Perylene-d12	24.92	264	547555	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	390706	108.00	ng	0.00
7) Phenol-d6	7.24	99	560346	107.56	ng	0.00
23) Nitrobenzene-d5	9.23	82	350753	68.69	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	335580	108.89	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	827415	66.93	ng	-0.01
79) Terphenyl-d14	20.04	244	1498914	69.36	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	50434	33.438	ng	96
3) Pyridine	3.95	79	128065	30.188	ng	94
4) n-Nitrosodimethylamine	3.86	42	80206	39.316	ng	90
6) Aniline	7.40	93	158390	25.187	ng	98
8) 2-Chlorophenol	7.64	128	167945	44.516	ng	97
9) Benzaldehyde	7.20	77	107472	33.760	ng	91
10) Phenol	7.27	94	221975	46.442	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	144381	39.042	ng	98
12) 1,3-Dichlorobenzene	7.96	146	185028	38.446	ng	97
13) 1,4-Dichlorobenzene	8.10	146	191609	39.938	ng	98
14) 1,2-Dichlorobenzene	8.43	146	181822	39.807	ng	96
15) Benzyl Alcohol	8.31	79	163264	41.684	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	244862	34.478	ng	97
17) 2-Methylphenol	8.51	107	143282	42.843	ng	96
18) Hexachloroethane	9.15	117	67837	37.544	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	129650	37.901	ng	# 94
20) 3+4-Methylphenols	8.84	107	198684	43.352	ng	98
22) Acetophenone	8.89	105	248778	38.887	ng	# 97
24) Nitrobenzene	9.27	77	199886	41.040	ng	97
25) Isophorone	9.79	82	362096	40.371	ng	100
26) 2-Nitrophenol	9.98	139	97133	46.847	ng	98
27) 2,4-Dimethylphenol	10.04	122	159884	50.212	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	202944	39.880	ng	99
29) 2,4-Dichlorophenol	10.52	162	183558	46.352	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	204274	39.944	ng	99
31) Naphthalene	10.92	128	513846	42.058	ng	99
32) Benzoic acid	10.19	122	104822	43.221	ng	93
33) 4-Chloroaniline	11.03	127	92698	17.485	ng	98
34) Hexachlorobutadiene	11.21	225	147689	38.570	ng	96
35) Caprolactam	11.80	113	32765	23.462	ng	96
36) 4-Chloro-3-methylphenol	12.15	107	198137			

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	318502	74.180	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	172707	43.787	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	190351	46.848	ng	98
46) 1,1'-Biphenyl	13.53	154	538168	39.596	ng	98
47) 2-Chloronaphthalene	13.57	162	426738	41.877	ng	98
48) 2-Nitroaniline	13.77	65	140063	41.332	ng	96
49) Acenaphthylene	14.41	152	675832	43.343	ng	99
50) Dimethylphthalate	14.14	163	656110	48.858	ng	98
51) 2,6-Dinitrotoluene	14.25	165	125141	43.759	ng	94
52) Acenaphthene	14.75	154	413076	39.578	ng	99
53) 3-Nitroaniline	14.59	138	77978	26.385	ng	99
54) 2,4-Dinitrophenol	14.79	184	139247	78.335	ng	93
55) Dibenzofuran	15.09	168	660148	42.758	ng	98
56) 4-Nitrophenol	14.91	139	207944	92.344	ng	97
57) 2,4-Dinitrotoluene	15.04	165	181375	43.310	ng	98
58) Fluorene	15.73	166	559323	42.433	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	188357	43.538	ng	99
60) Diethylphthalate	15.50	149	544699	39.856	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	324191	41.009	ng	98
62) 4-Nitroaniline	15.75	138	127429	39.534	ng	93
63) Azobenzene	16.02	77	508087	40.835	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	104292	42.695	ng	98
66) n-Nitrosodiphenylamine	15.94	169	499073	43.795	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	225450	41.611	ng	98
68) Hexachlorobenzene	16.74	284	249983	41.439	ng	96
69) Atrazine	16.89	200	192329	40.079	ng	99
70) Pentachlorophenol	17.08	266	314461	90.338	ng	99
71) Phenanthrene	17.47	178	885594	42.022	ng	98
72) Anthracene	17.56	178	905437	43.036	ng	99
73) Carbazole	17.83	167	824390	42.255	ng	99
74) Di-n-butylphthalate	18.39	149	949080	40.772	ng	99
75) Fluoranthene	19.48	202	1151666	41.315	ng	99
77) Benzidine	19.66	184	583206	50.583	ng	99
78) Pyrene	19.84	202	1173318	42.692	ng	99
80) Butylbenzylphthalate	20.73	149	439616	42.141	ng	97
81) Benzo(a)anthracene	21.68	228	1211052	42.210	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	277789	24.686	ng	99
83) Chrysene	21.75	228	1162544	41.754	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	633513	42.678	ng	100
85) Di-n-octyl phthalate	22.80	149	1087719	44.811	ng	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	1538864	44.396	ng	99
88) Benzo(b)fluoranthene	23.90	252	1317454	42.523	ng	98
89) Benzo(k)fluoranthene	23.97	252	1274657	41.588	ng	99
90) Benzo(a)pyrene	24.78	252	1274656	43.607	ng	100
91) Dibenzo(a,h)anthracene	28.67	278	1296550	43.257	ng	97
92) Benzo(g,h,i)perylene	29.75	276	1289391	44.398	ng	98

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

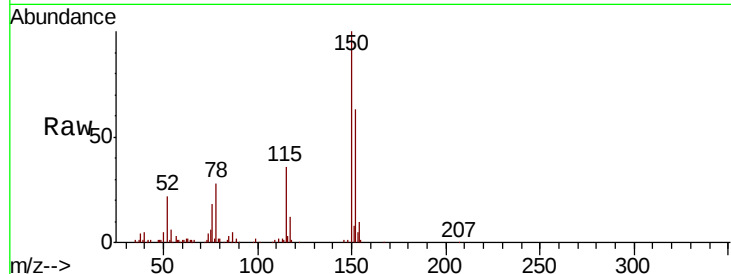


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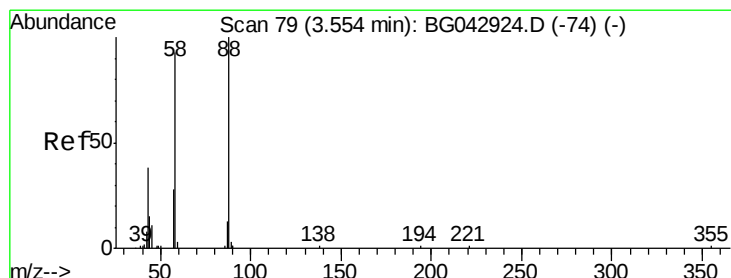
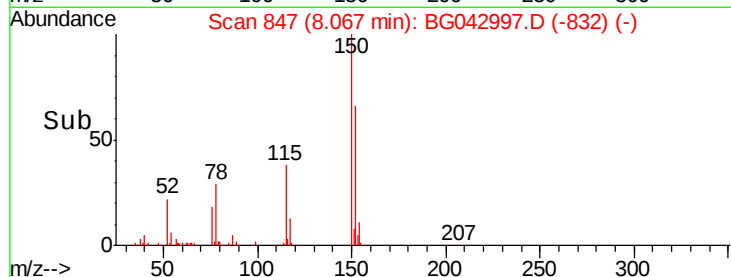
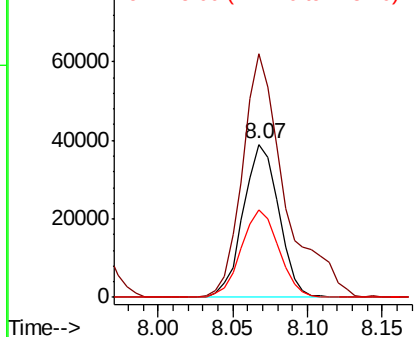
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion:152 Resp: 64560
Ion Ratio Lower Upper
152 100
150 159.3 115.0 172.4
115 57.3 47.0 70.6



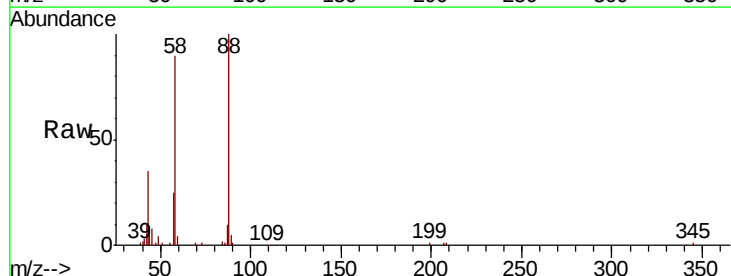
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



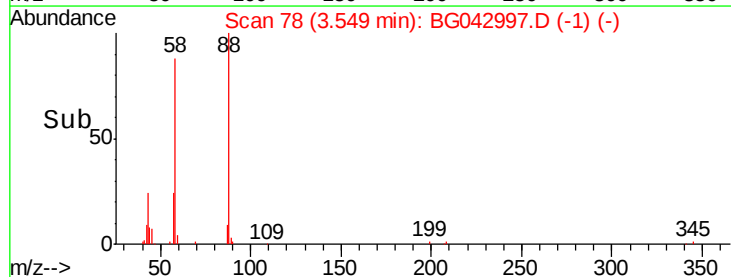
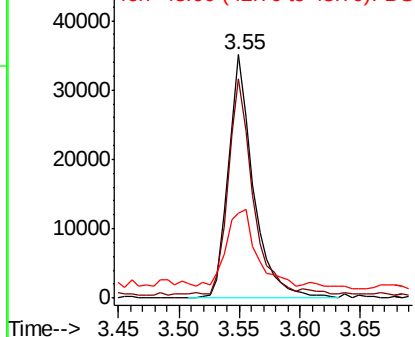
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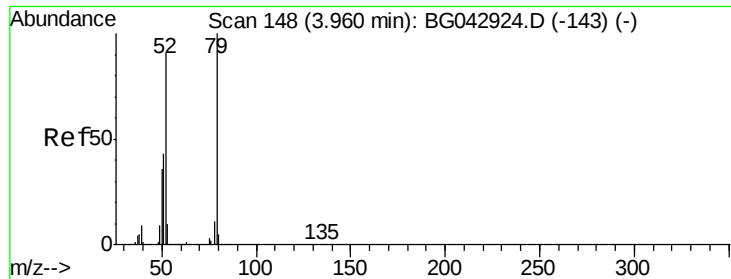
1,4-Dioxane
Concen: 33.438 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion: 88 Resp: 50434
Ion Ratio Lower Upper
88 100
58 88.0 74.3 111.5
43 37.9 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: 30.188 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

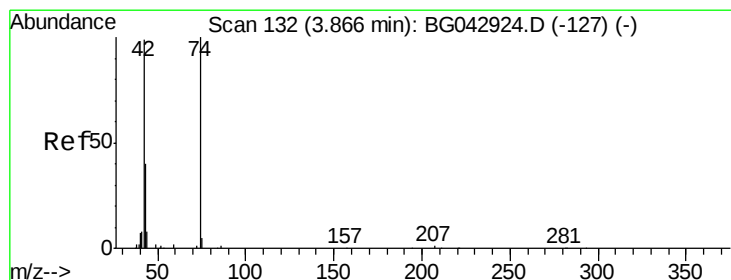
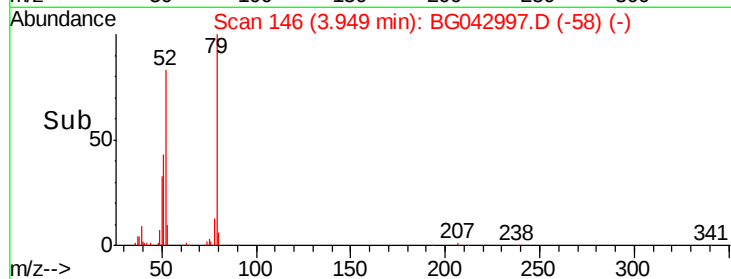
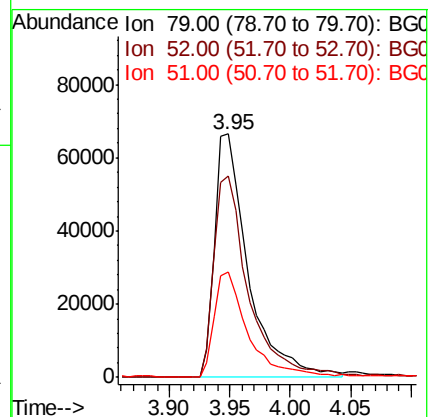
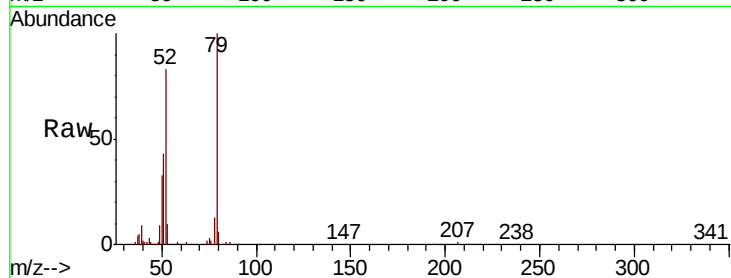
Tot Ion: 79 Resp: 128065

Ion Ratio Lower Upper

79 100

52 82.6 73.0 109.4

51 43.5 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 39.316 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

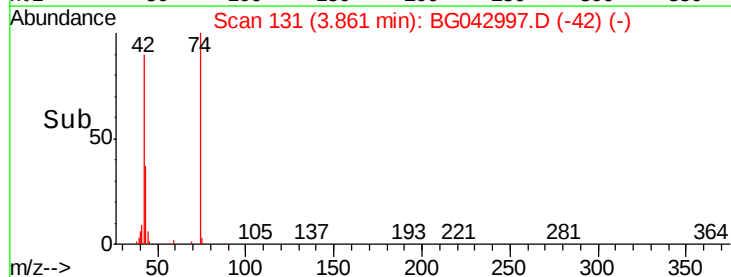
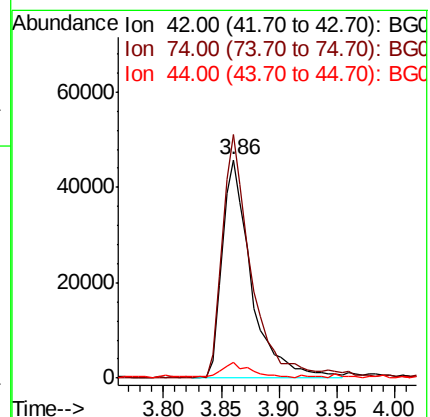
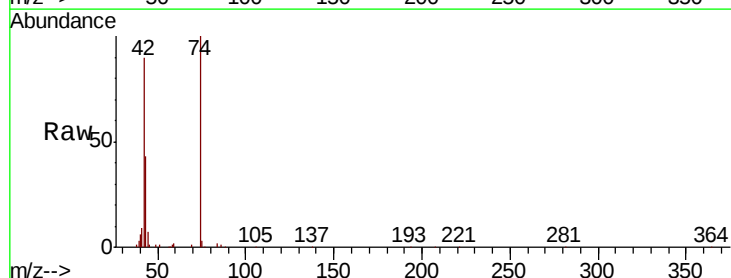
Tgt Ion: 42 Resp: 80206

Ion Ratio Lower Upper

42 100

74 111.5 80.5 120.7

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 108.002 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

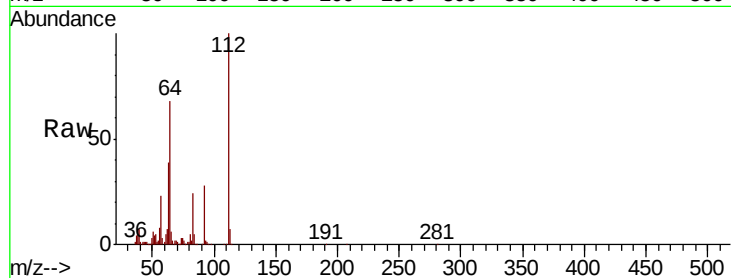
Tot Ion:112 Resp: 390706

Ion Ratio Lower Upper

112 100

64 68.1 56.6 84.8

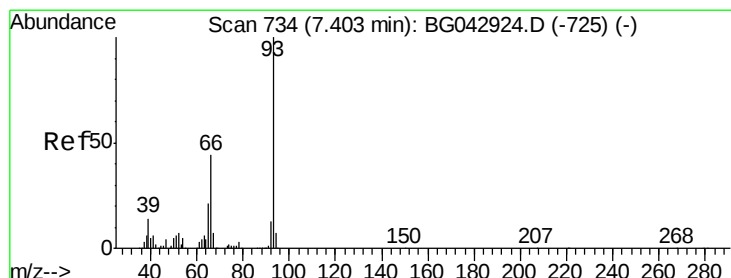
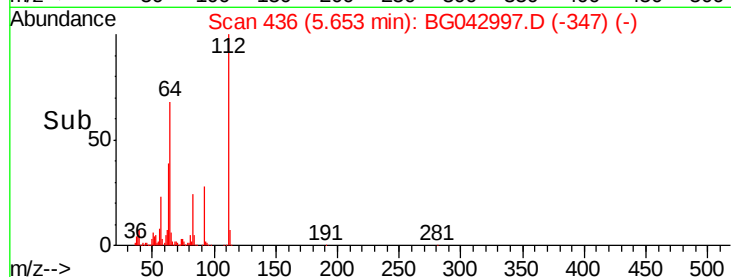
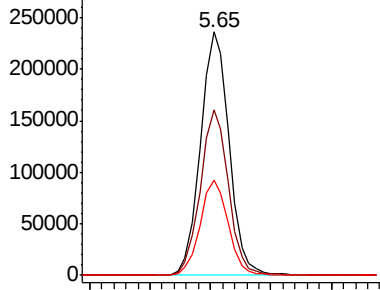
63 39.0 35.1 52.7



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: 25.187 ng

RT: 7.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

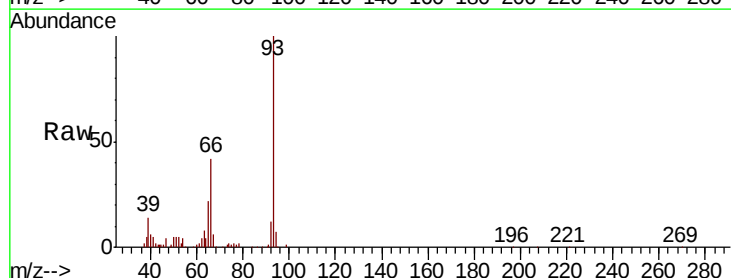
Tgt Ion: 93 Resp: 158390

Ion Ratio Lower Upper

93 100

66 42.2 35.0 52.6

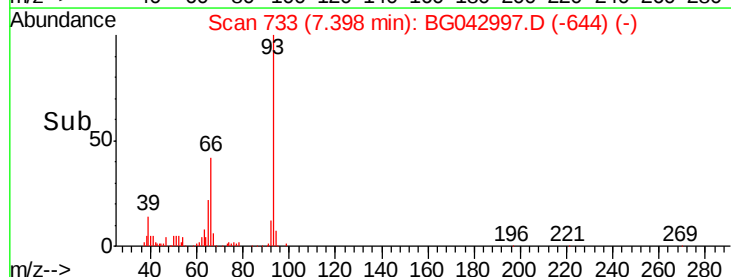
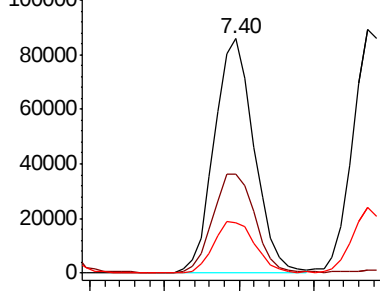
65 21.7 17.4 26.0

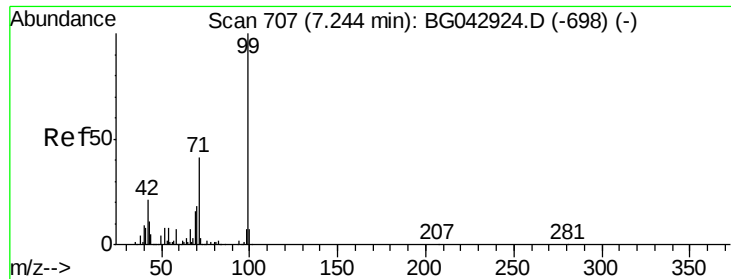


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.562 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

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ClientSampleId :

S-1MS

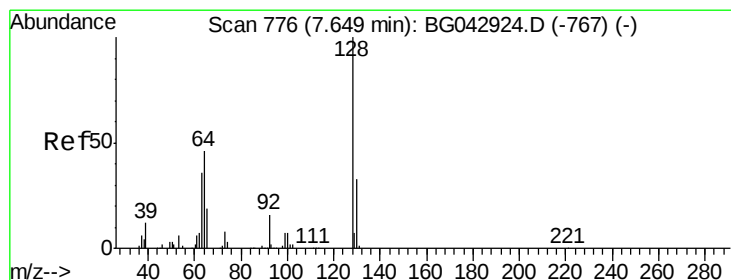
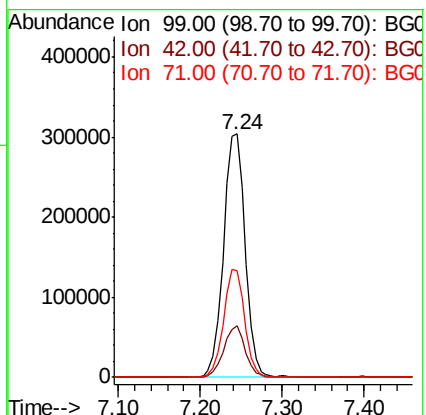
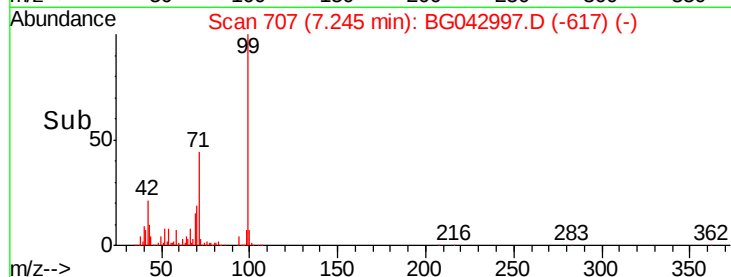
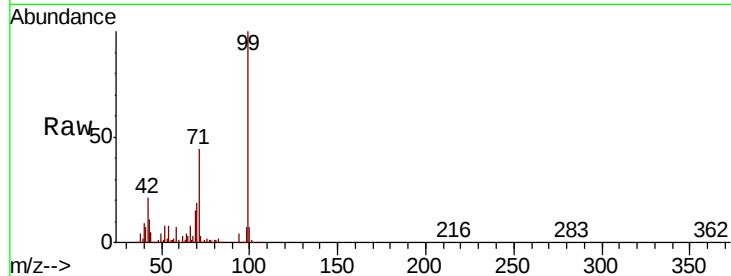
Tot Ion: 99 Resp: 560346

Ion Ratio Lower Upper

99 100

42 21.0 17.2 25.8

71 43.9 33.1 49.7



#8

2-Chlorophenol

Concen: 44.516 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

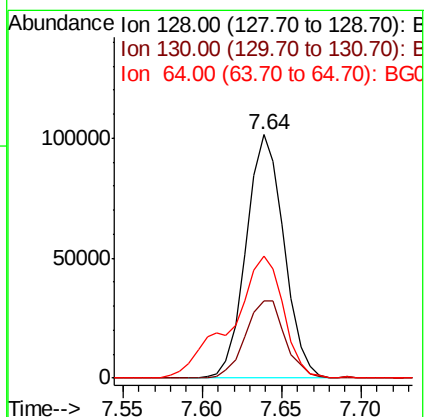
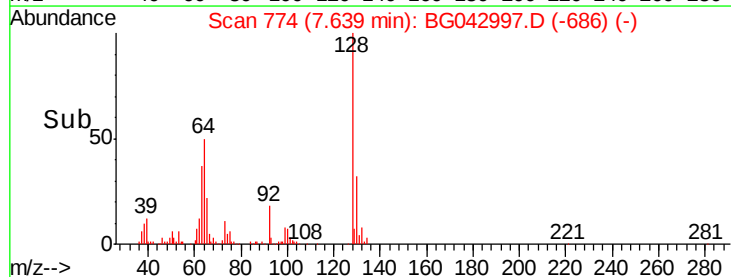
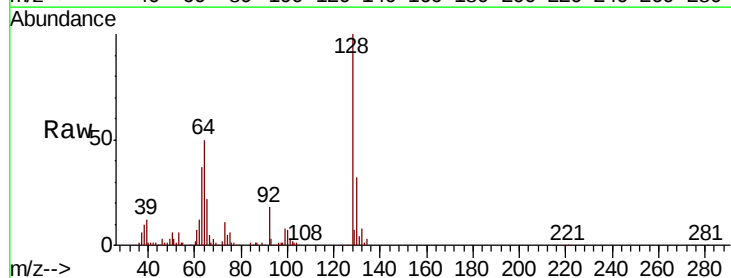
Tgt Ion:128 Resp: 167945

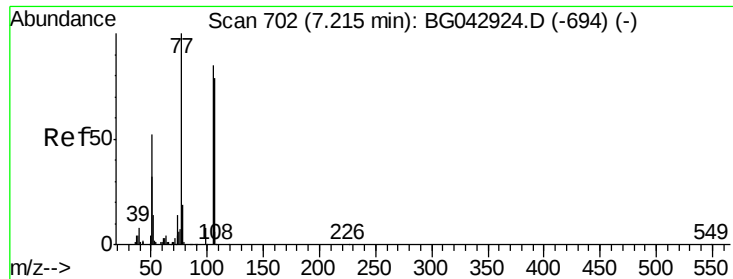
Ion Ratio Lower Upper

128 100

130 31.6 12.5 52.5

64 50.0 32.8 72.8





#9

Benzaldehyde

Concen: 33.760 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

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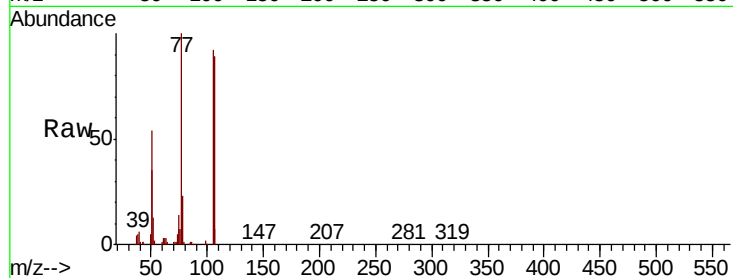
Tot Ion: 77 Resp: 107472

Ion Ratio Lower Upper

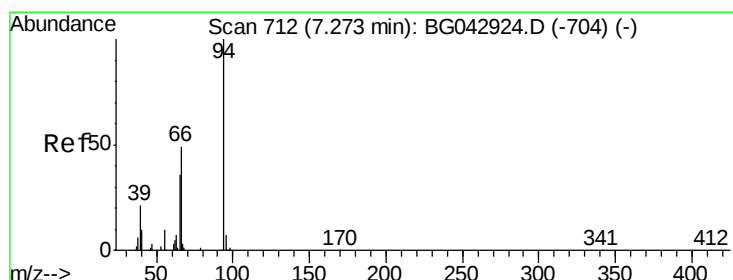
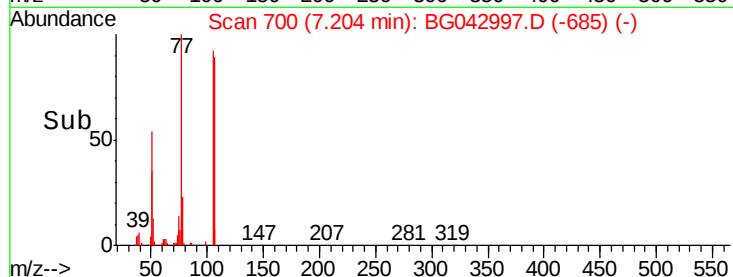
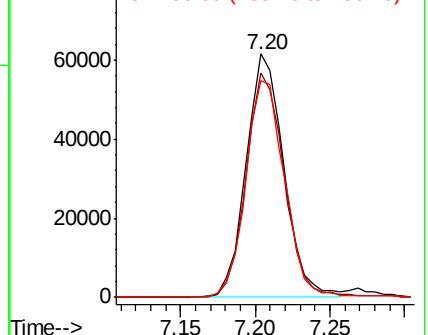
77 100

105 92.1 64.6 104.6

106 88.9 59.4 99.4



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



#10

Phenol

Concen: 46.442 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

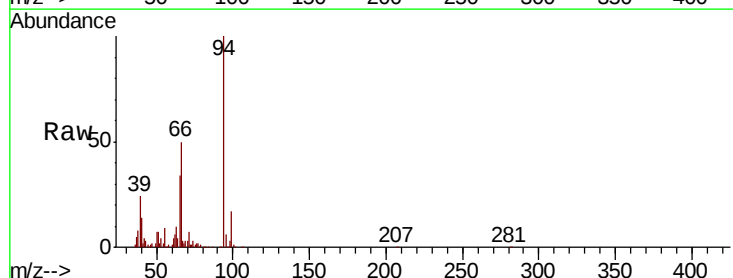
Tgt Ion: 94 Resp: 221975

Ion Ratio Lower Upper

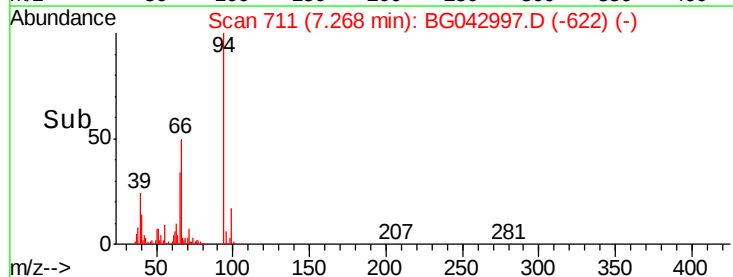
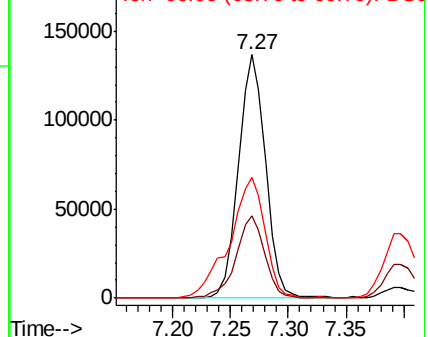
94 100

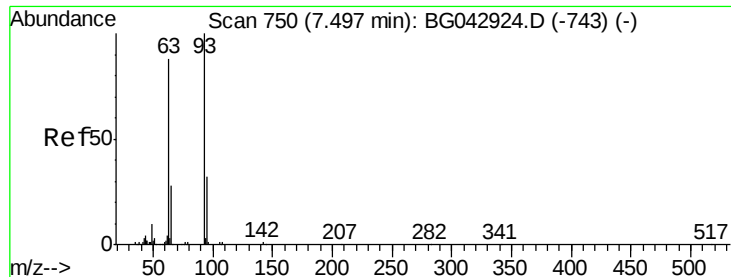
65 33.7 16.6 56.6

66 49.7 32.4 72.4



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

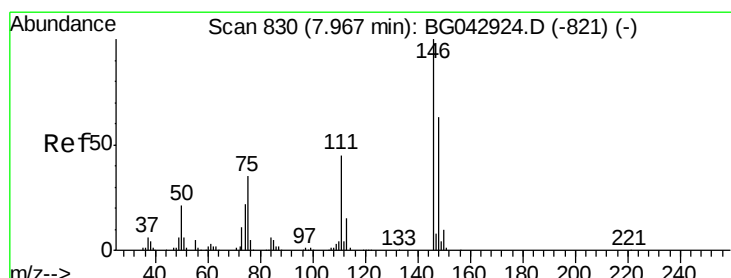
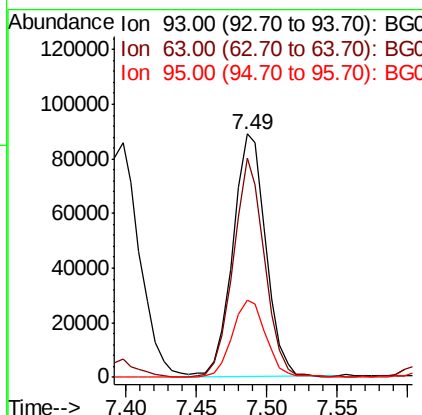
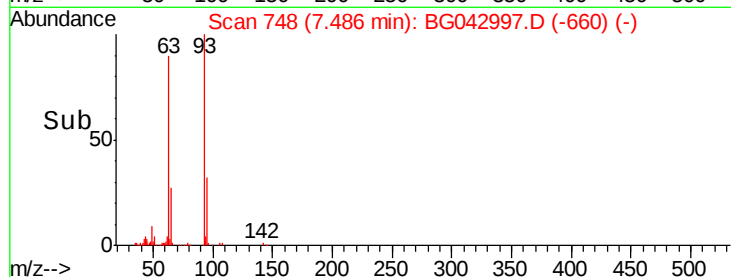
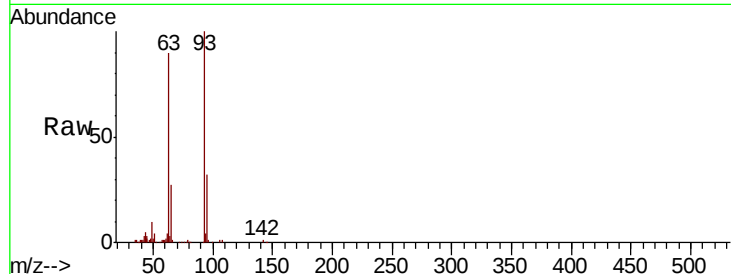




#11
bis(2-Chloroethyl)ether
Concen: 39.042 ng
RT: 7.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

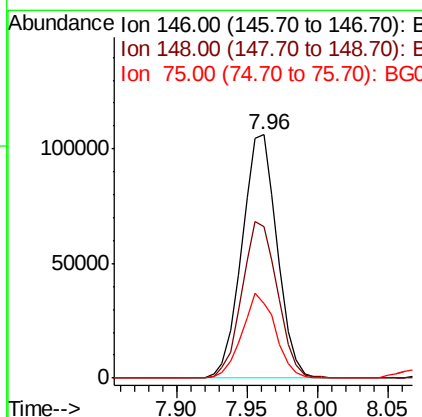
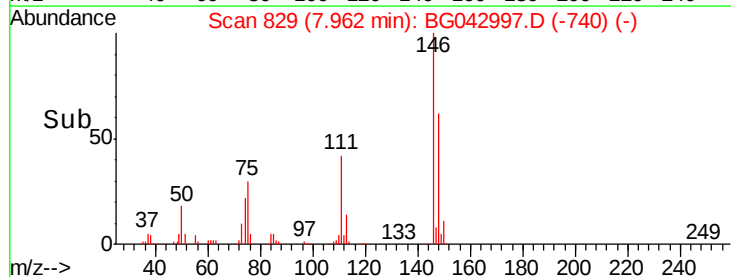
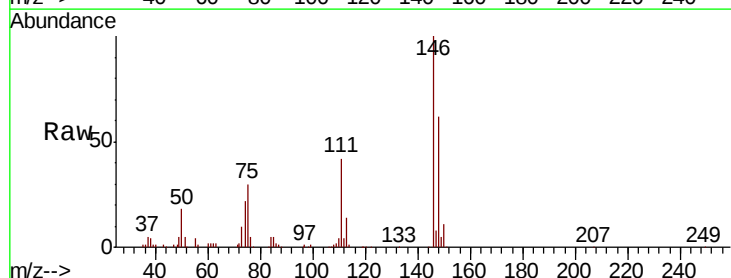
Instrument :
BNA_G
ClientSampleId :
S-1MS

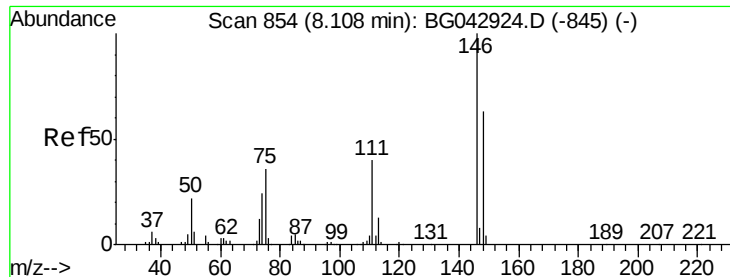
Tot Ion: 93 Resp: 144381
Ion Ratio Lower Upper
93 100
63 90.2 67.4 107.4
95 31.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.446 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion: 146 Resp: 185028
Ion Ratio Lower Upper
146 100
148 62.4 50.7 76.1
75 30.4 27.7 41.5

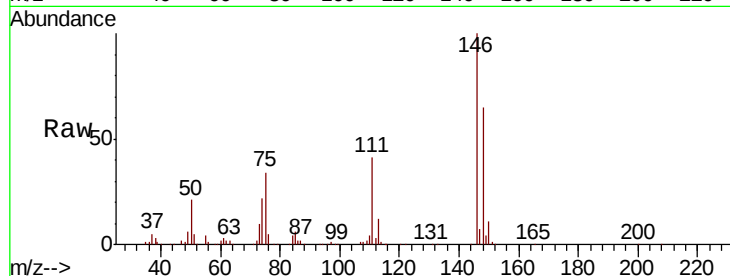




#13
 1,4-Dichlorobenzene
 Concen: 39.938 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.9	76.3
111	40.6	31.8	47.8

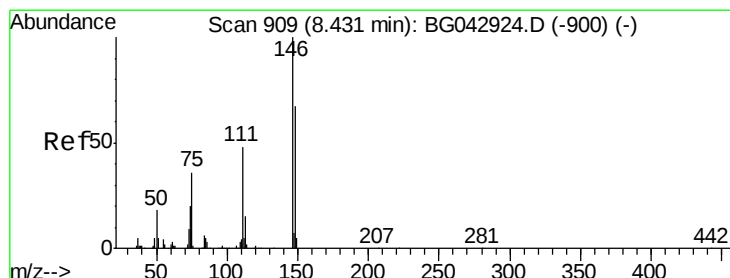
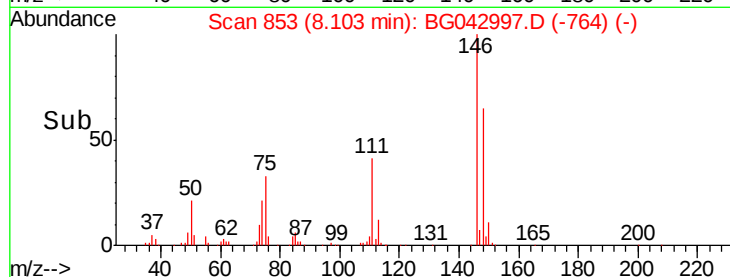
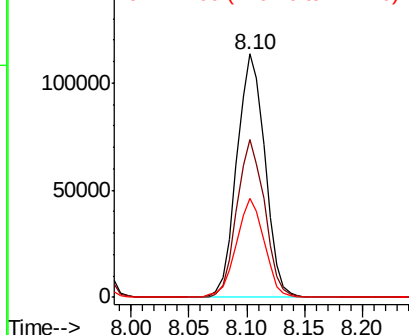


Abundance

Ion 146.00 (145.70 to 146.70): E

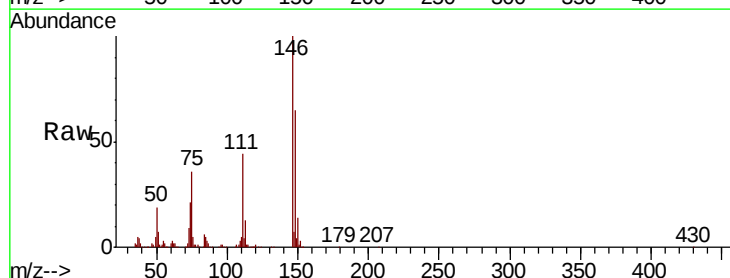
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.807 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.4	80.2
111	43.8	38.5	57.7

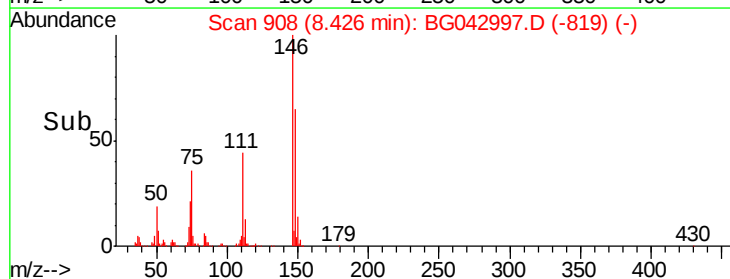
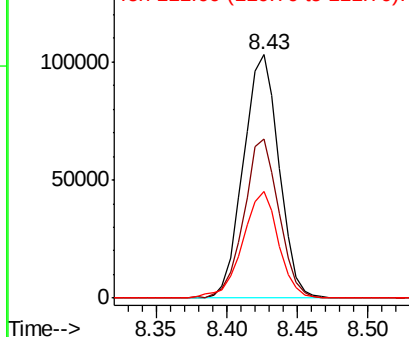


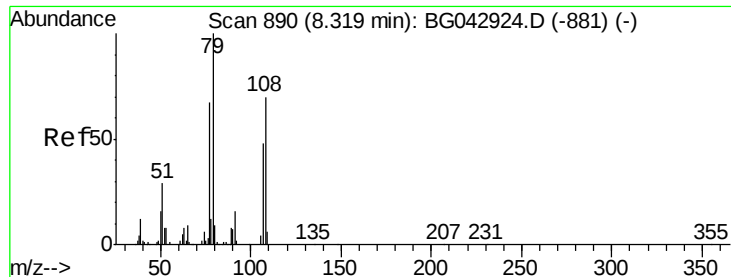
Abundance

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

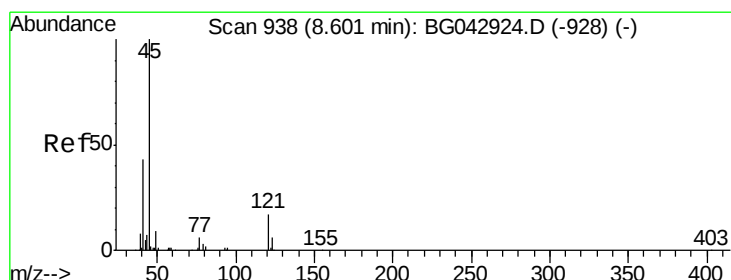
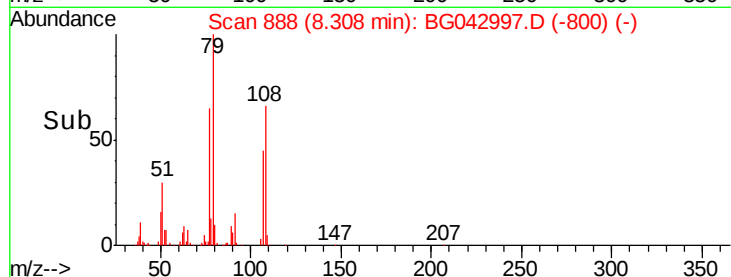
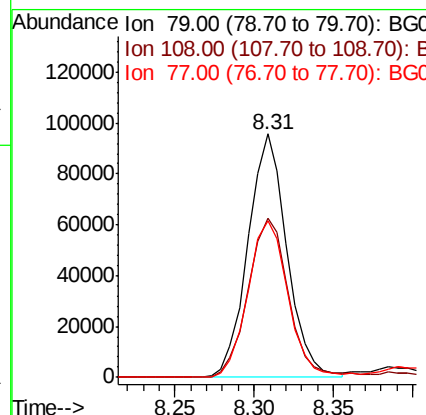
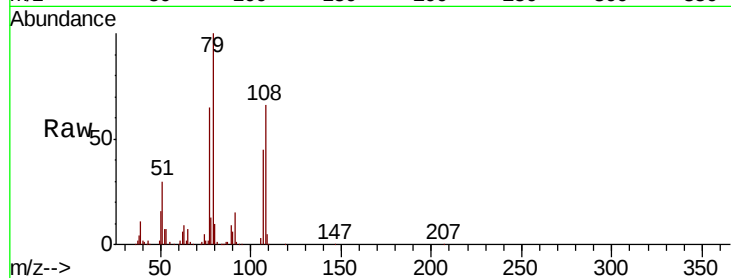




#15
Benzyl Alcohol
Concen: 41.684 ng
RT: 8.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

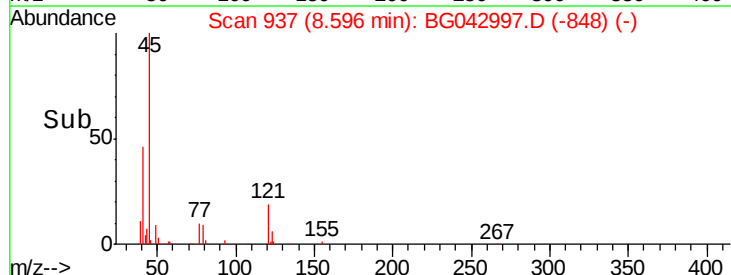
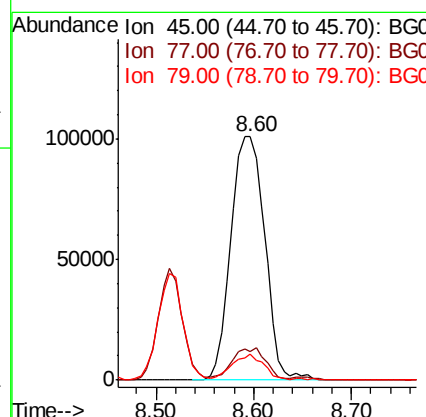
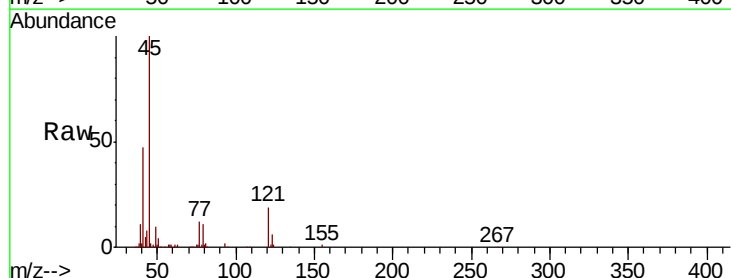
Instrument :
BNA_G
ClientSampleId :
S-1MS

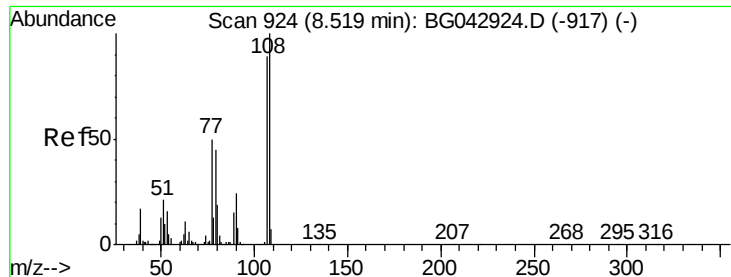
Tot Ion: 79 Resp: 163264
Ion Ratio Lower Upper
79 100
108 65.5 55.7 83.5
77 64.5 53.3 79.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.478 ng
RT: 8.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion: 45 Resp: 244862
Ion Ratio Lower Upper
45 100
77 11.7 0.0 32.8
79 10.6 0.0 29.4





#17

2-Methylphenol

Concen: 42.843 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

Tot Ion:107 Resp: 143282

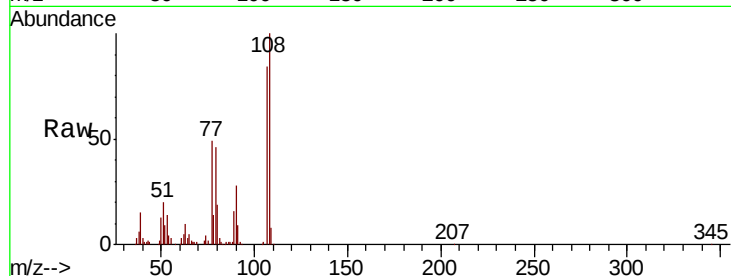
Ion Ratio Lower Upper

107 100

108 118.7 89.9 134.9

77 57.7 45.4 68.2

79 55.0 41.4 62.0

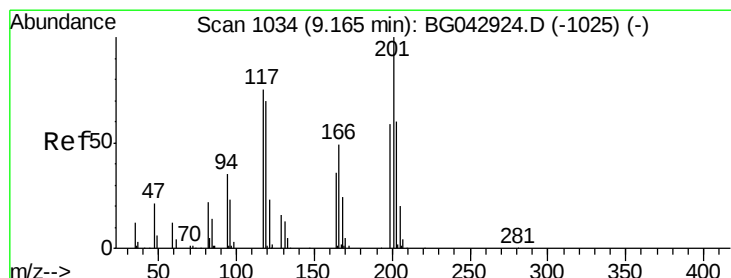
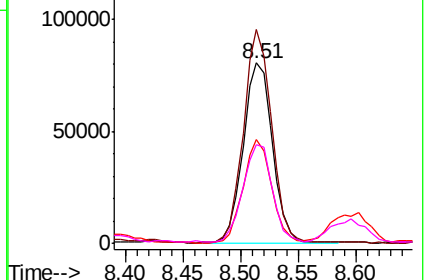
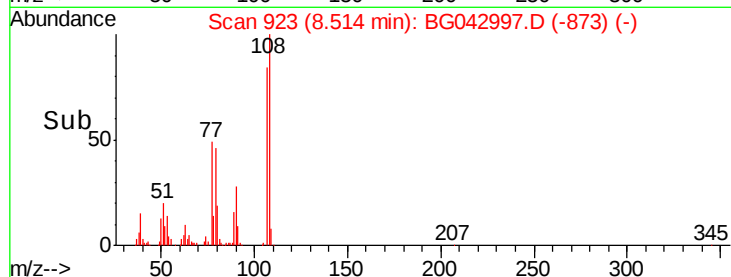


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.544 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

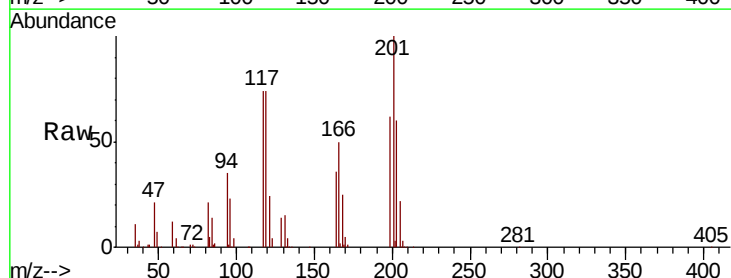
Tgt Ion:117 Resp: 67837

Ion Ratio Lower Upper

117 100

119 100.0 74.6 111.8

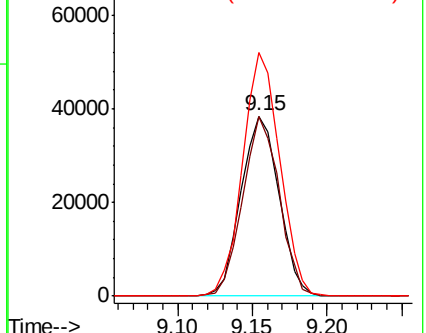
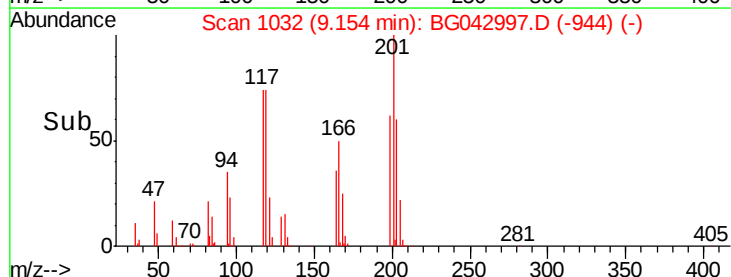
201 135.2 106.0 159.0

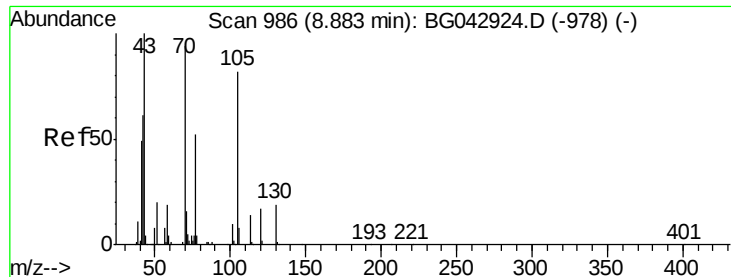


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

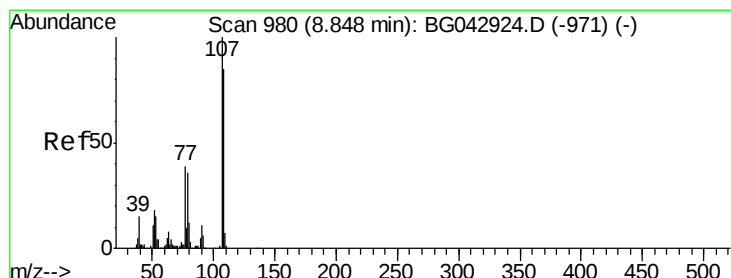
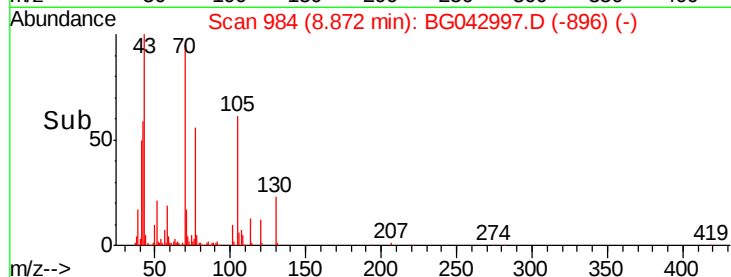
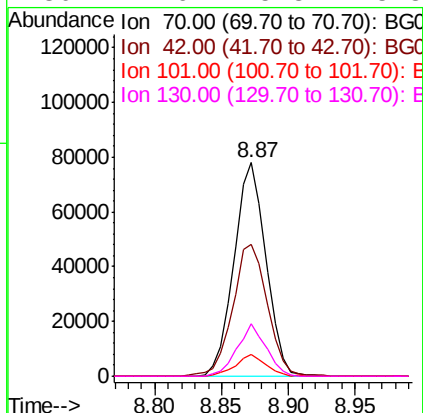
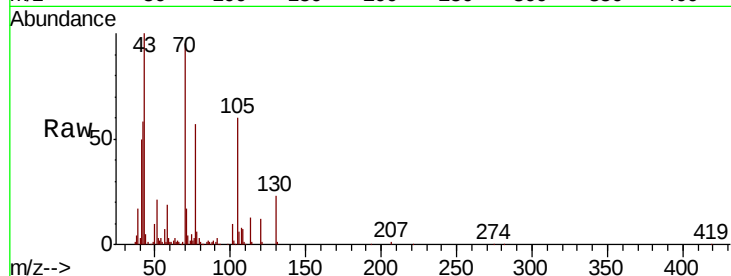




#19
n-Nitroso-di-n-propylamine
Concen: 37.901 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

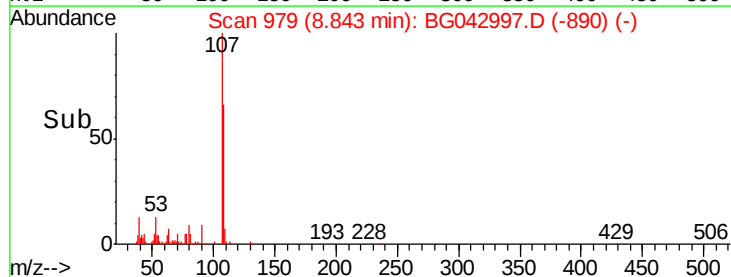
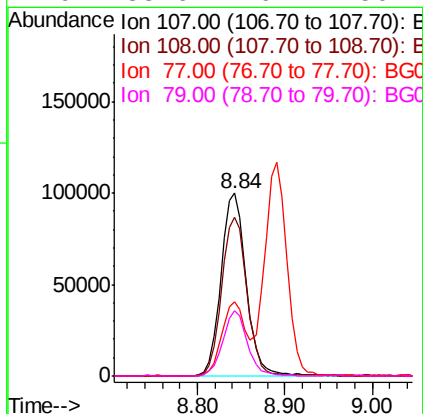
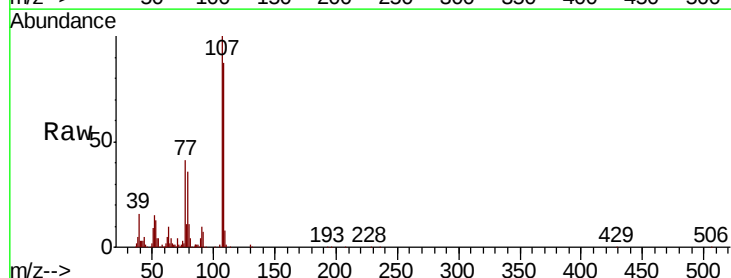
Instrument :
BNA_G
ClientSampleId :
S-1MS

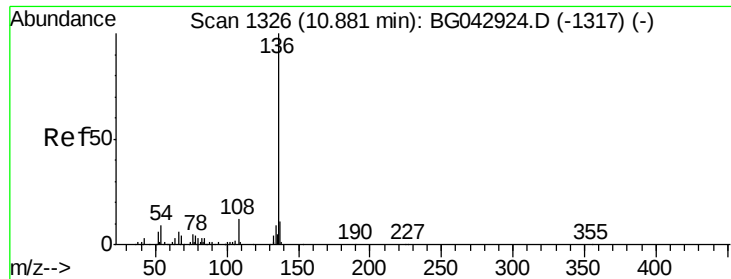
Tot Ion: 70 Resp: 129650
Ion Ratio Lower Upper
70 100
42 61.5 52.6 79.0
101 10.3 8.7 13.1
130 24.6 15.8 23.8#



#20
3+4-Methylphenols
Concen: 43.352 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion:107 Resp: 198684
Ion Ratio Lower Upper
107 100
108 86.5 64.9 104.9
77 40.6 19.4 59.4
79 35.6 16.2 56.2

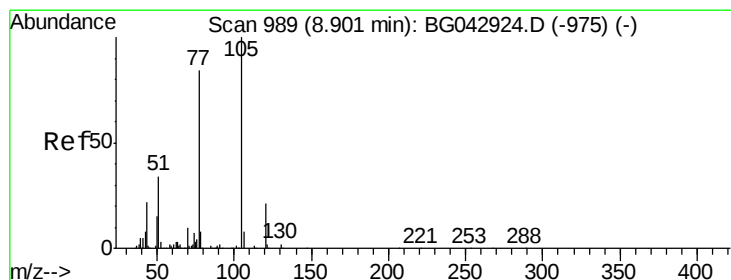
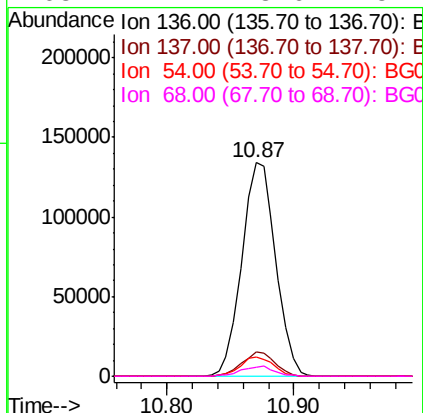
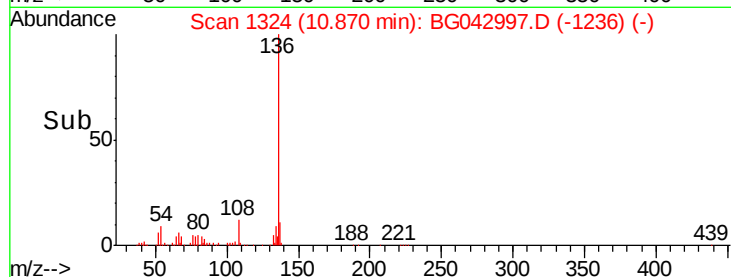
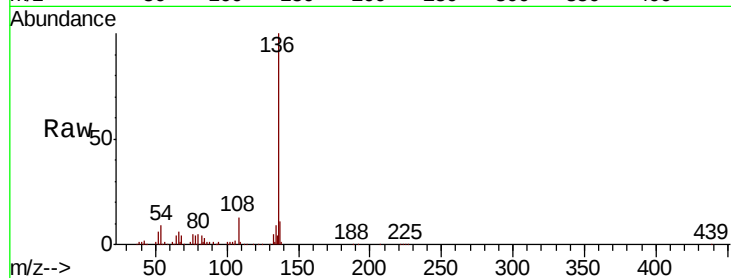




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

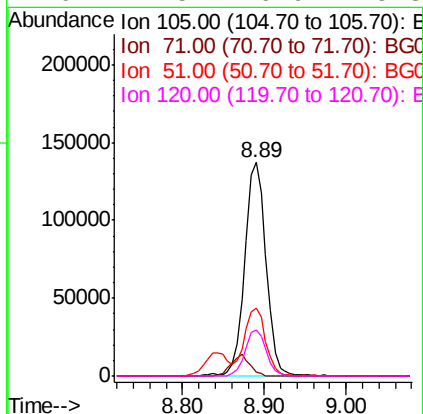
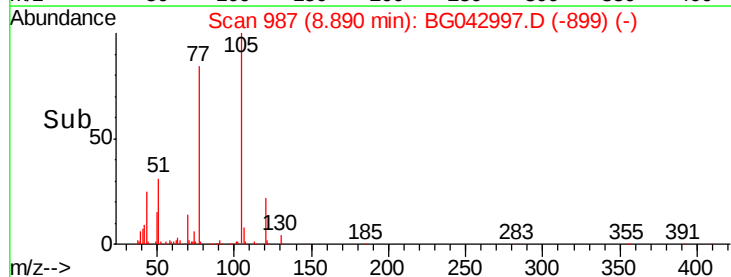
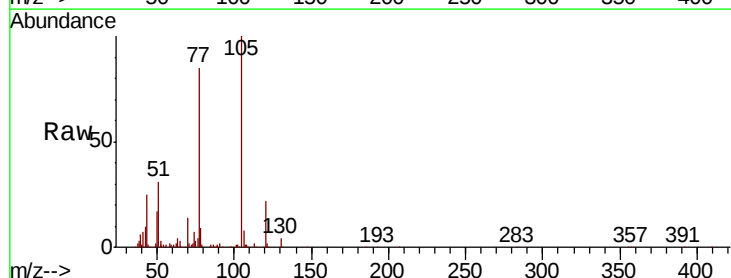
Instrument :
BNA_G
ClientSampleId :
S-1MS

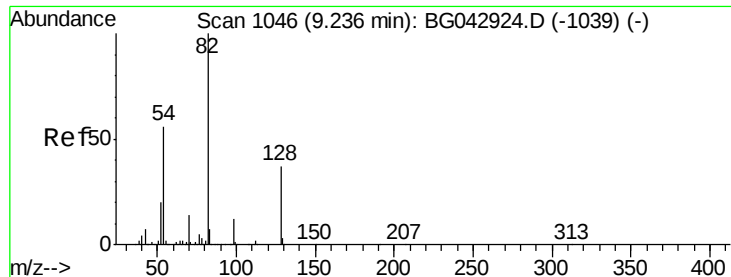
Tot Ion:136	Resp:	248189
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.5 12.7
54	8.8	7.4 11.2
68	4.4	3.6 5.4



#22
Acetophenone
Concen: 38.887 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion:105	Resp:	248778
Ion	Ratio	Lower Upper
105	100	
71	2.0	1.2 1.8#
51	31.5	27.2 40.8
120	21.5	16.9 25.3

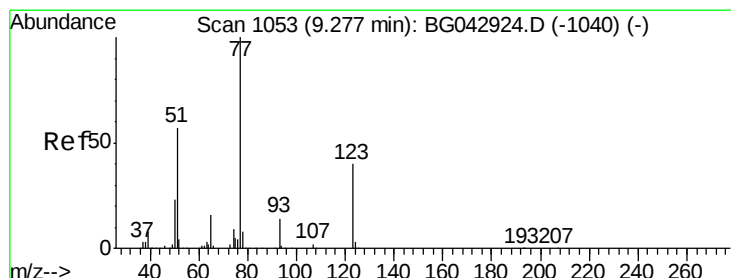
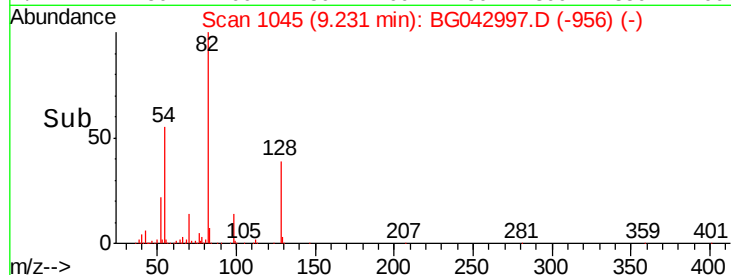
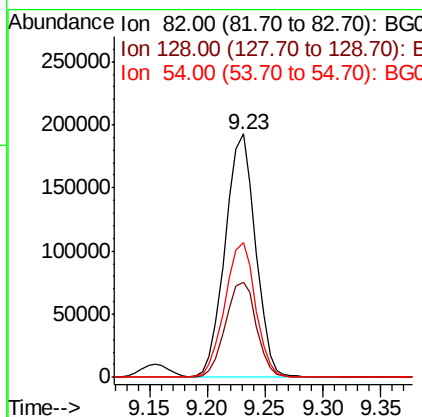
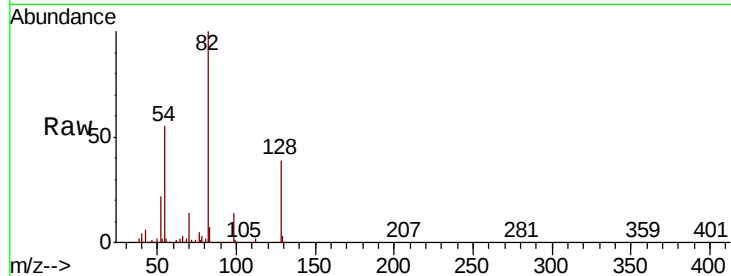




#23
 Nitrobenzene-d5
 Concen: 68.691 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

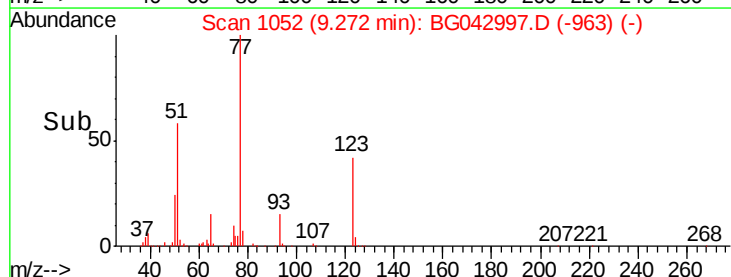
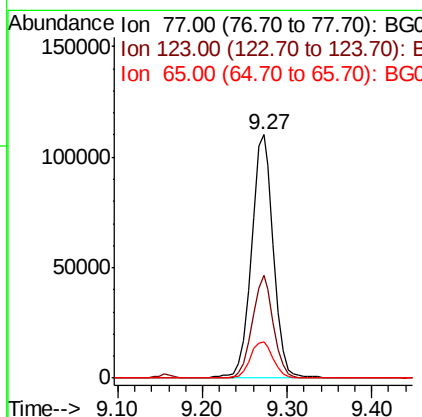
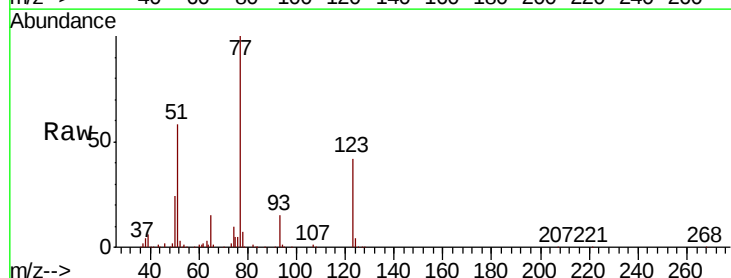
Instrument :
 BNA_G
 ClientSampled :
 S-1MS

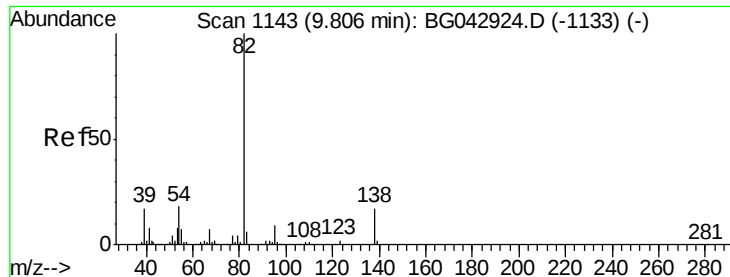
Tot Ion	82	Resp	350753
Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.5	44.3
54	55.3	44.6	67.0



#24
 Nitrobenzene
 Concen: 41.040 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion	77	Resp	199886
Ion	Ratio	Lower	Upper
77	100		
123	42.0	31.9	47.9
65	14.9	12.4	18.6

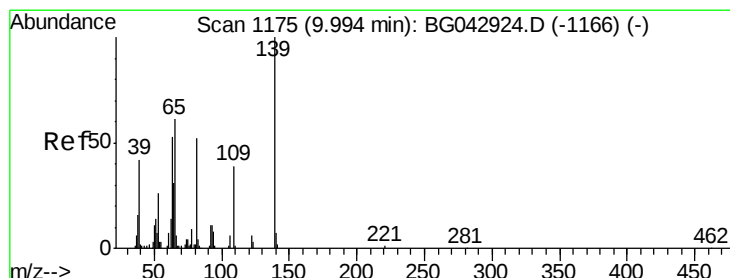
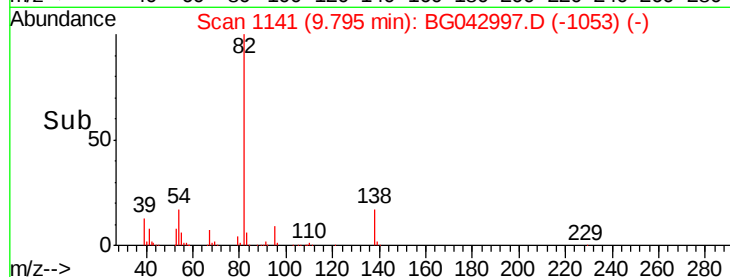
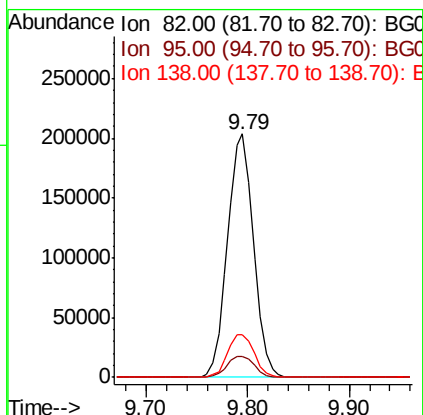
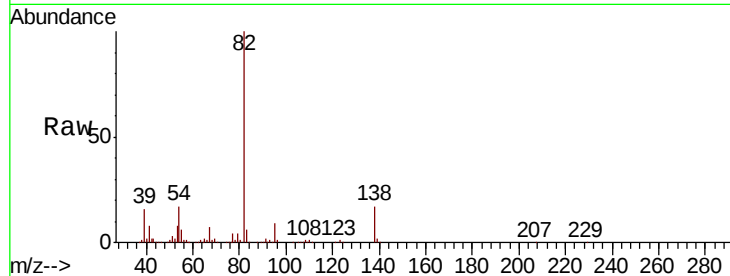




#25
Isophorone
Concen: 40.371 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

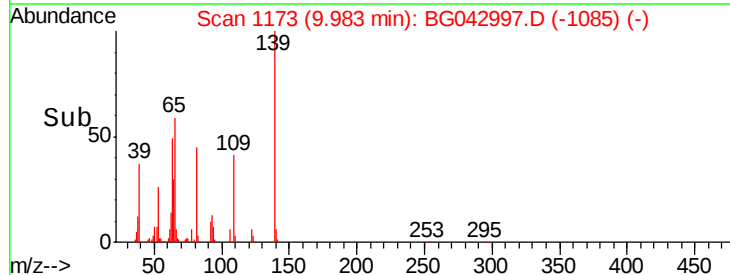
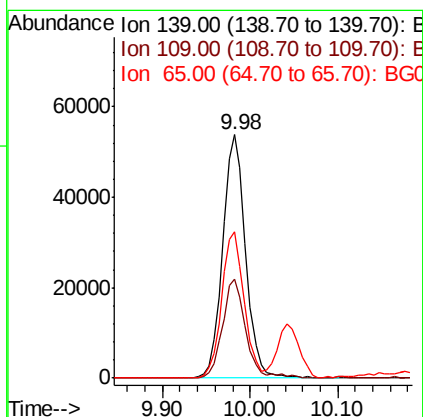
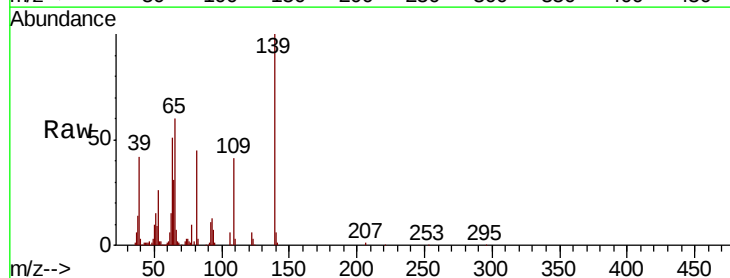
Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	82	Resp	362096
Ion Ratio	Lower	Upper	
82	100		
95	8.8	7.0	10.4
138	17.3	13.8	20.6



#26
2-Nitrophenol
Concen: 46.847 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	139	Resp	97133
Ion Ratio	Lower	Upper	
139	100		
109	40.9	31.0	46.6
65	60.2	48.4	72.6





#27

2,4-Dimethylphenol

Concen: 50.212 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

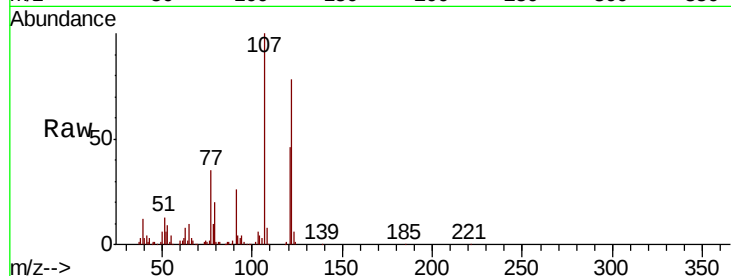
Tot Ion:122 Resp: 159884

Ion Ratio Lower Upper

122 100

107 128.0 102.2 153.2

121 59.0 48.5 72.7

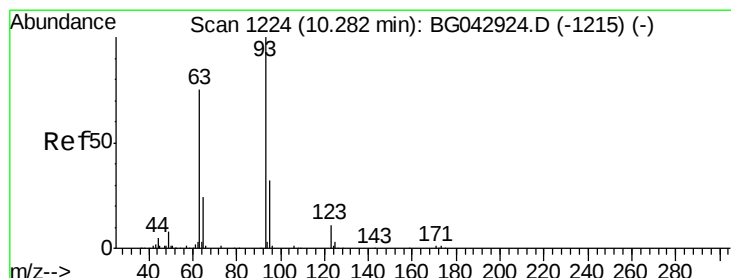
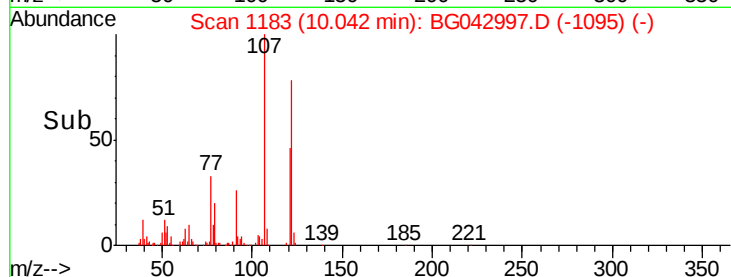
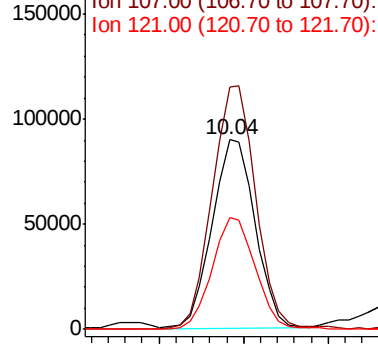


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.880 ng

RT: 10.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

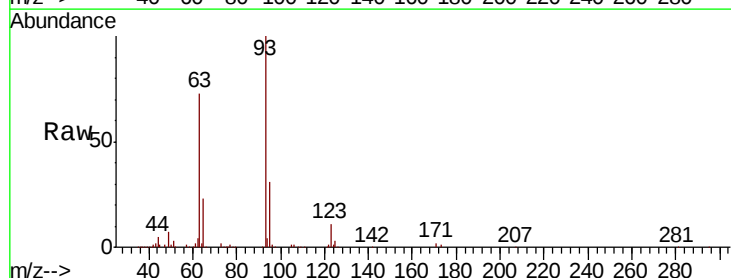
Tgt Ion: 93 Resp: 202944

Ion Ratio Lower Upper

93 100

95 31.0 25.4 38.0

123 10.9 9.3 13.9

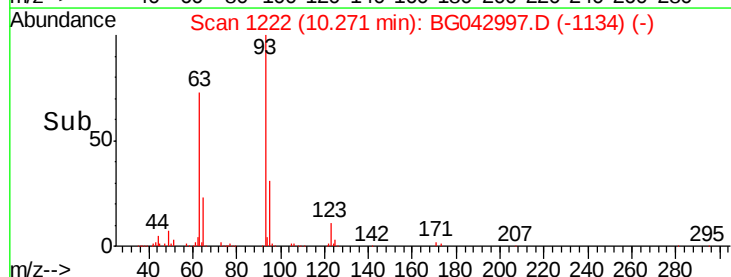
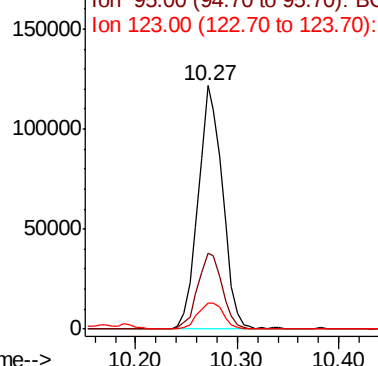


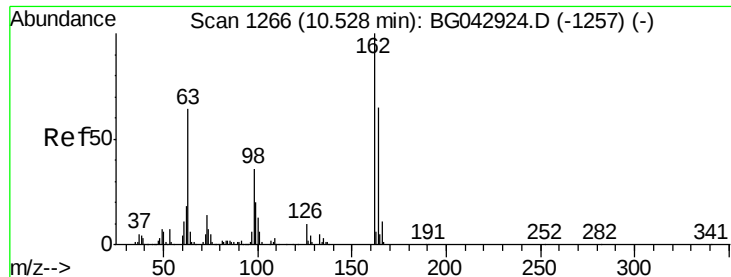
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.352 ng

RT: 10.52 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

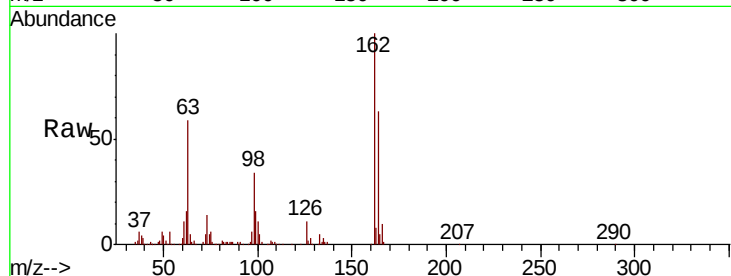
Tot Ion:162 Resp: 183558

Ion Ratio Lower Upper

162 100

164 62.9 44.7 84.7

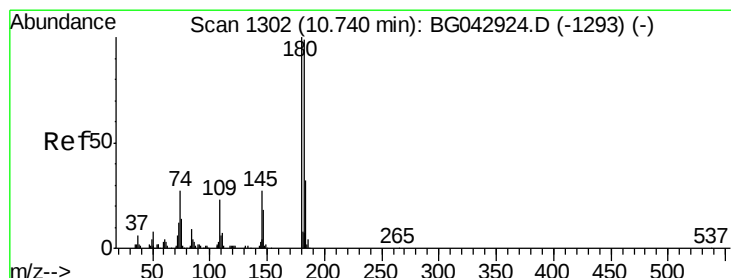
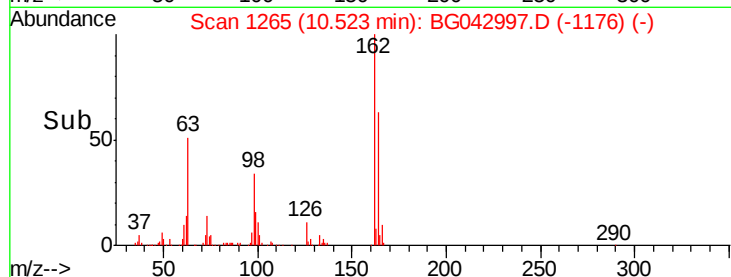
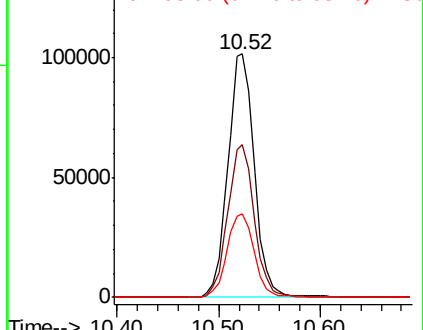
98 34.4 16.0 56.0



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.944 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

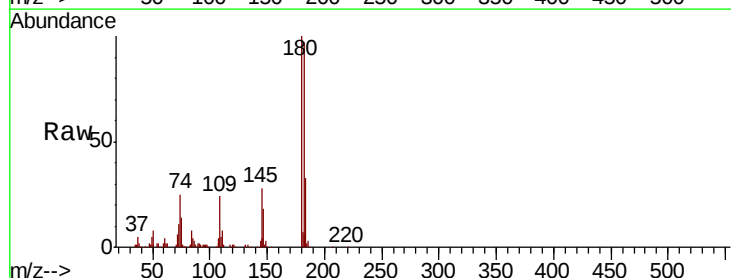
Tgt Ion:180 Resp: 204274

Ion Ratio Lower Upper

180 100

182 97.3 79.3 118.9

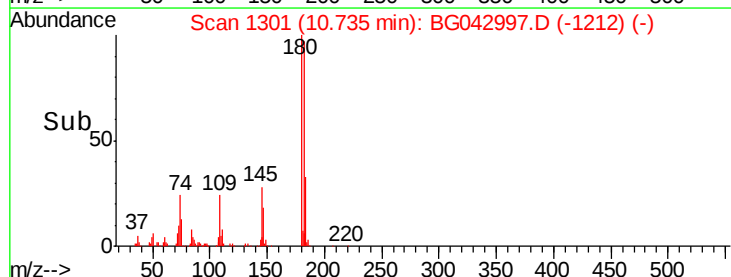
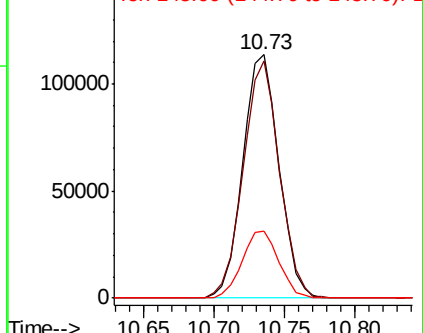
145 27.5 22.0 33.0



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

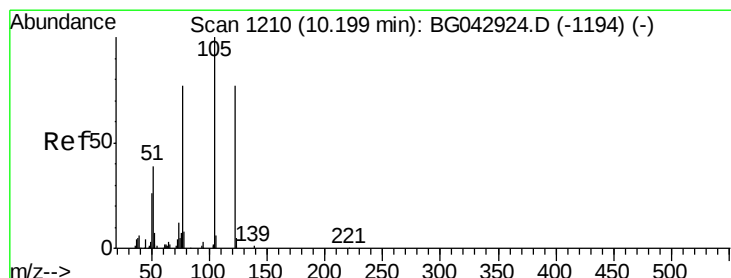
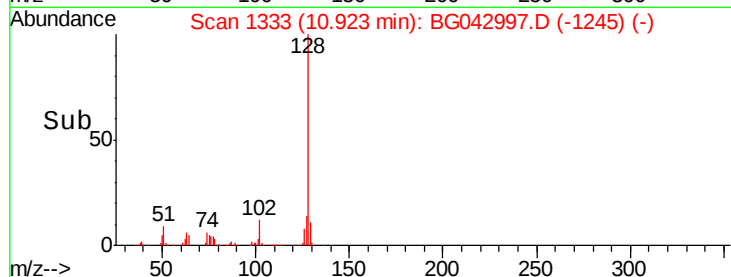
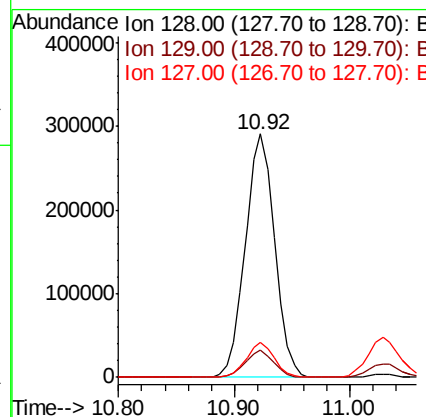
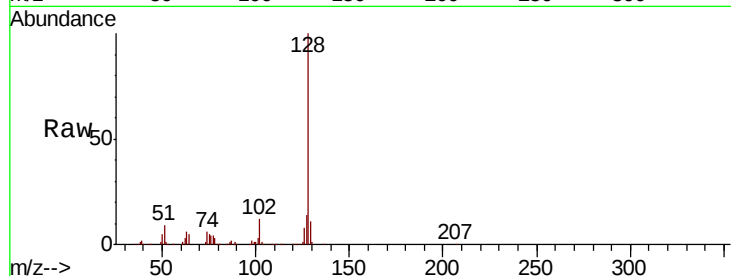




#31
Naphthalene
Concen: 42.058 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

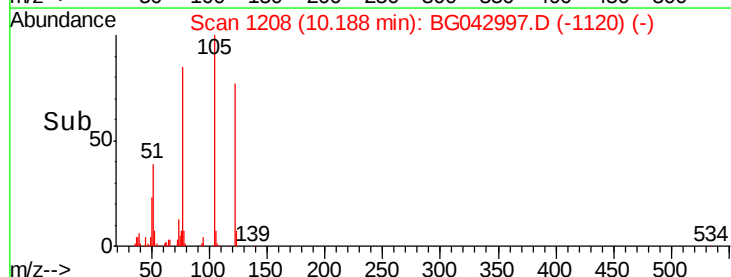
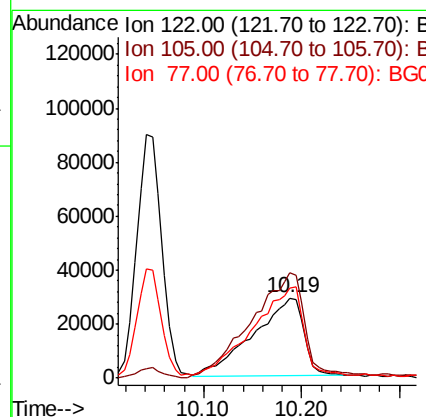
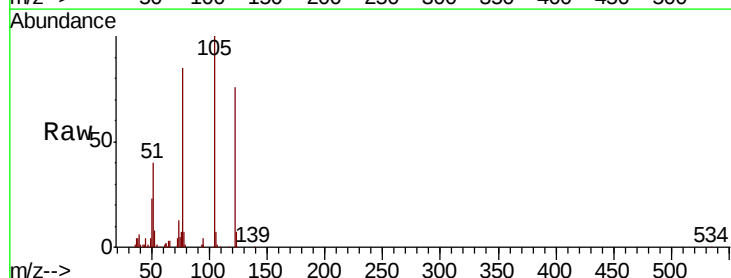
Instrument :
BNA_G
ClientSampleId :
S-1MS

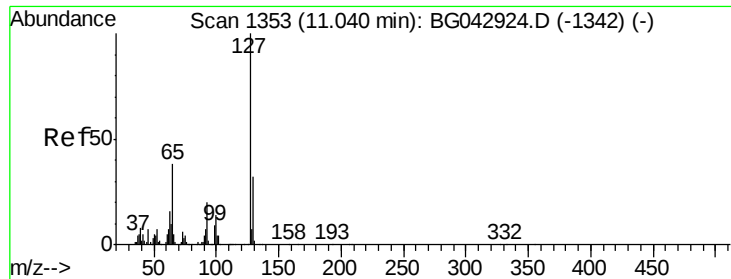
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 43.221 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.1	107.5	147.5
77	111.3	79.8	119.8

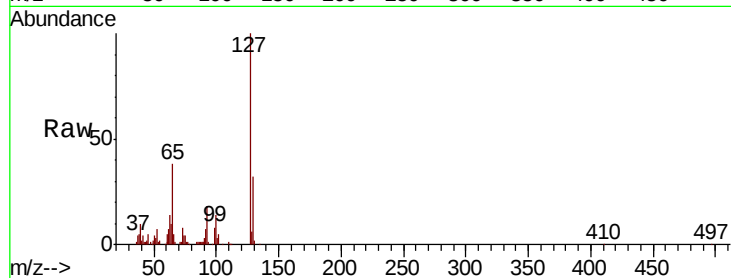




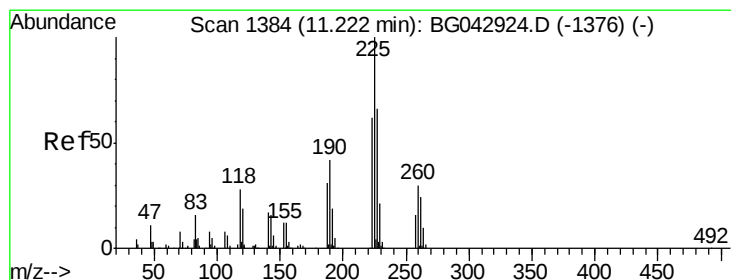
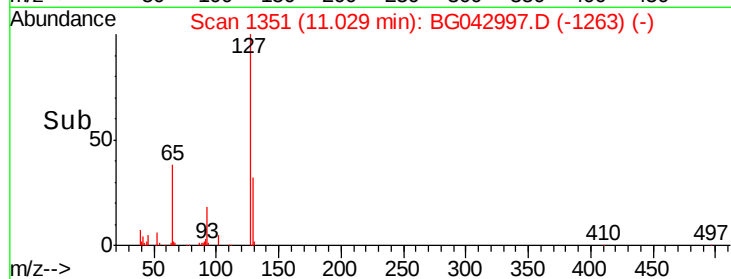
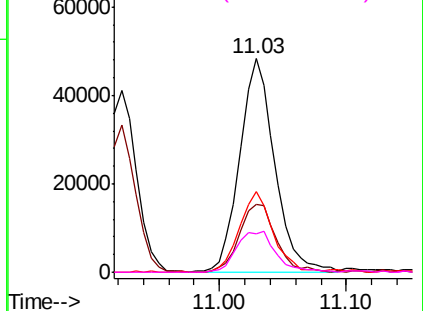
#33
4-Chloroaniline
Concen: 17.485 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion:127	Resp:	92698	
Ion Ratio	Lower	Upper	
127 100			
129 31.5	26.2	39.2	
65 37.7	30.6	45.8	
92 18.0	16.2	24.4	

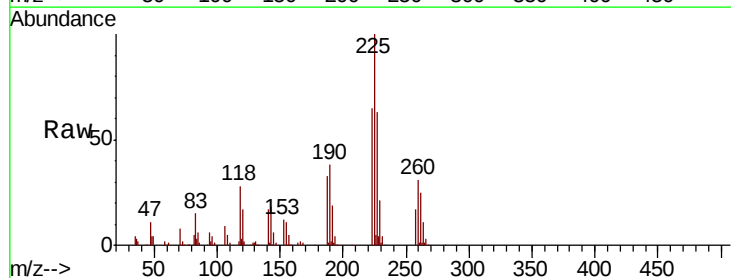


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

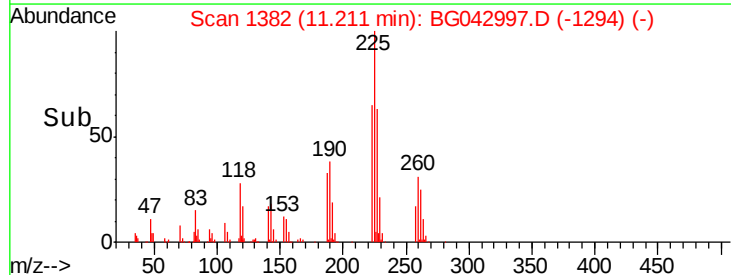
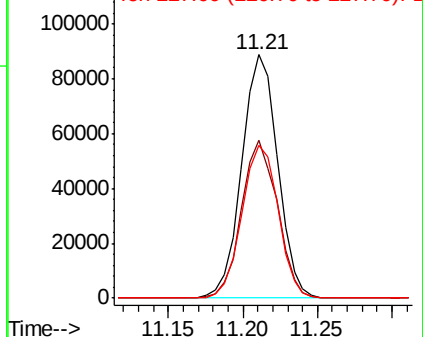


#34
Hexachlorobutadiene
Concen: 38.570 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	225	Resp:	147689
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.3	73.9
227	62.7	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: 23.462 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

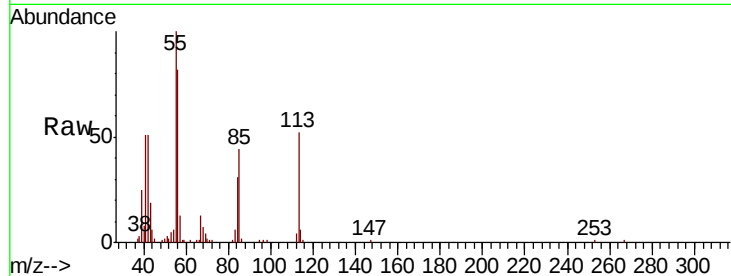
Tot Ion:113 Resp: 32765

Ion Ratio Lower Upper

113 100

55 190.5 175.5 215.5

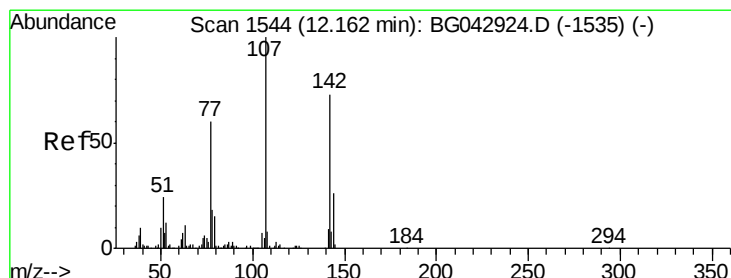
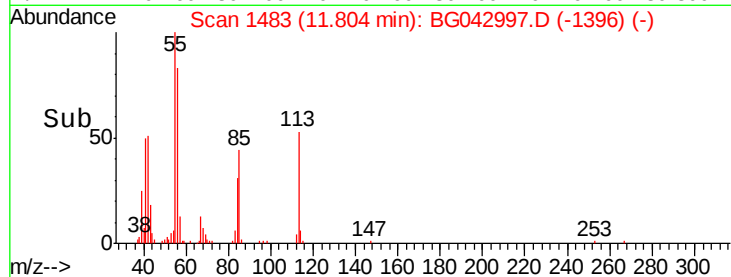
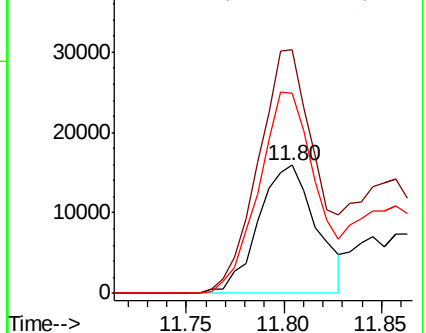
56 156.5 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.017 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

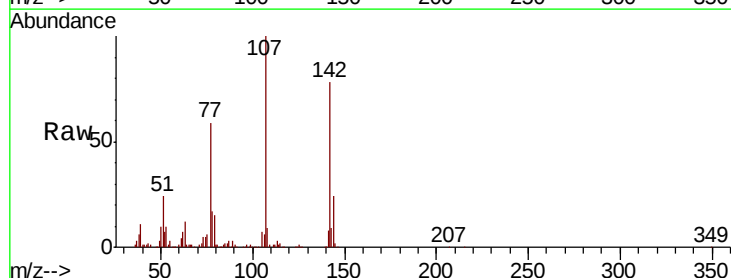
Tgt Ion:107 Resp: 198137

Ion Ratio Lower Upper

107 100

144 23.8 20.7 31.1

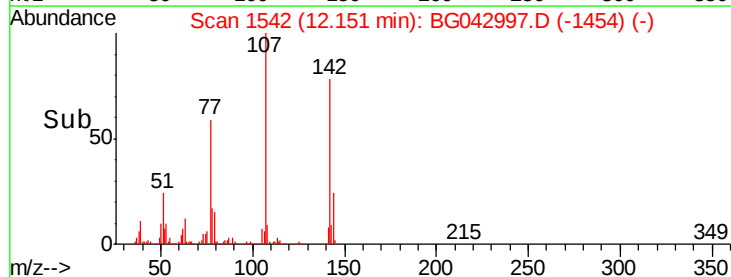
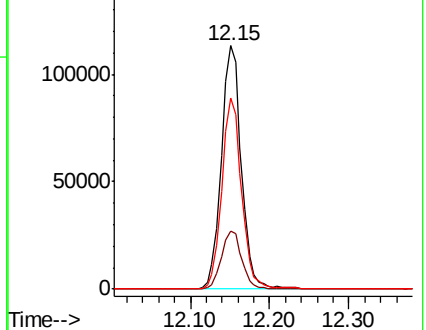
142 78.4 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

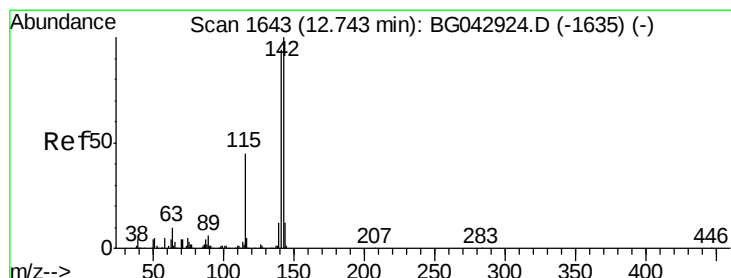
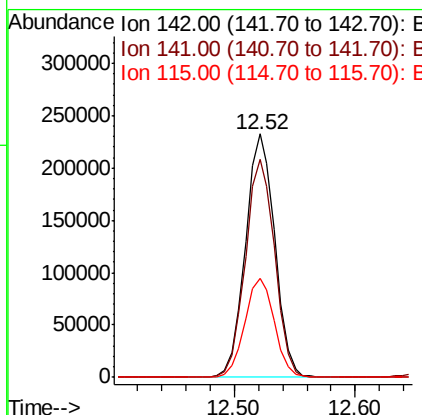
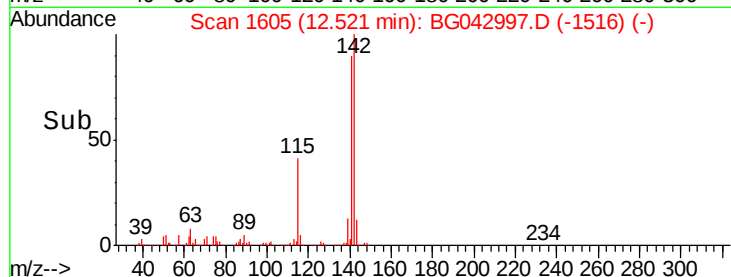
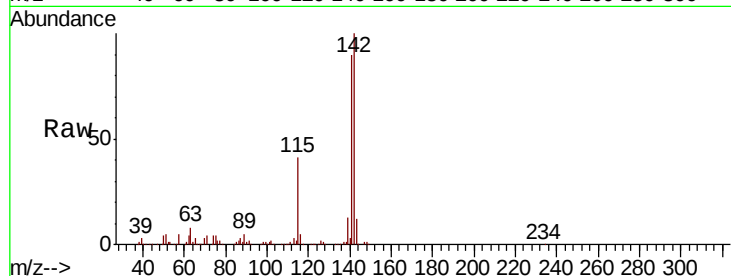




#37
2-Methylnaphthalene
Concen: 42.220 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

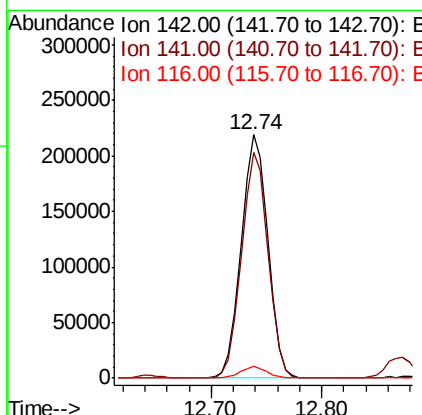
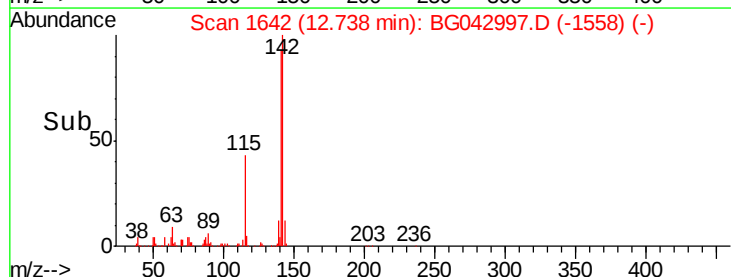
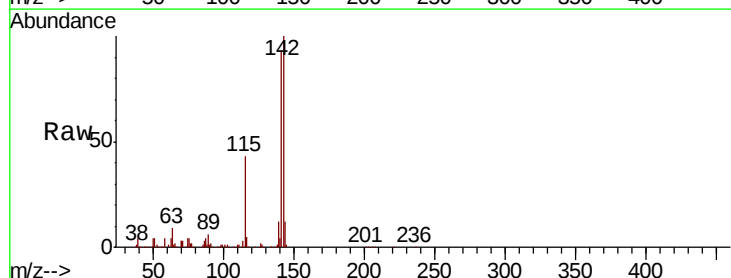
Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.0	103.4
115	40.5	32.8	49.2



#38
1-Methylnaphthalene
Concen: 42.204 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3
116	4.8	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

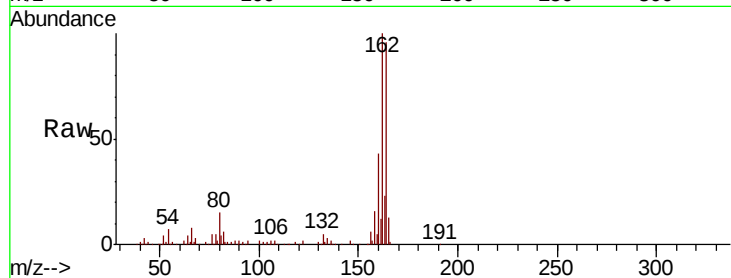
Tot Ion:164 Resp: 179227

Ion Ratio Lower Upper

164 100

162 104.0 78.5 117.7

160 44.9 35.9 53.9

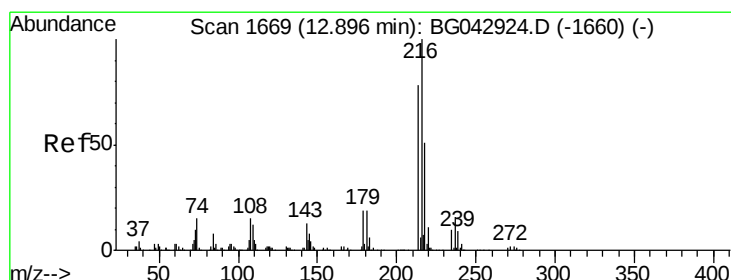
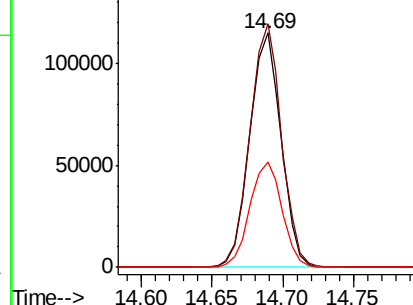
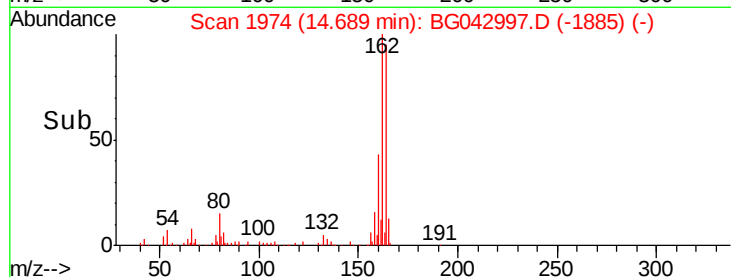


Abundance

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: 39.059 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:216 Resp: 263212

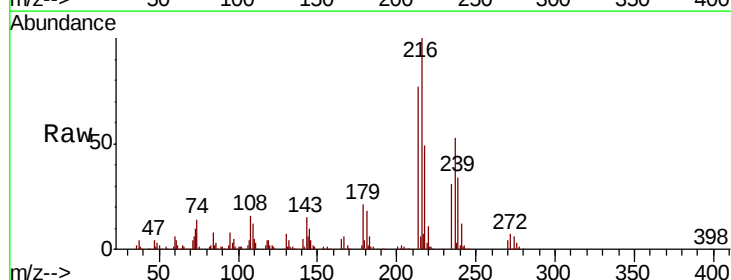
Ion Ratio Lower Upper

216 100

214 79.3 62.4 93.6

179 19.9 15.4 23.2

108 16.5 12.6 19.0



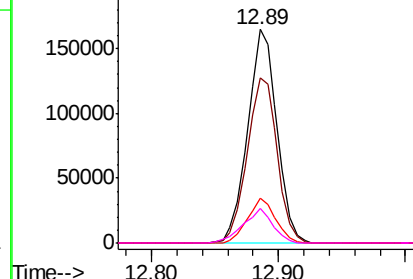
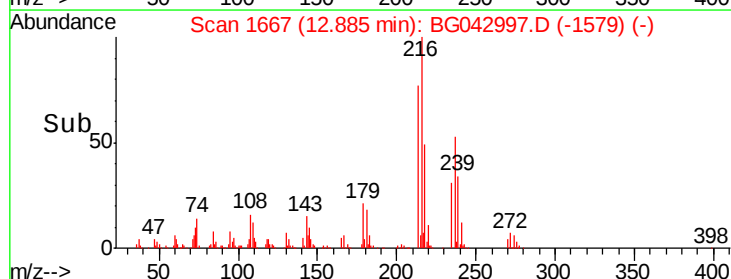
Abundance

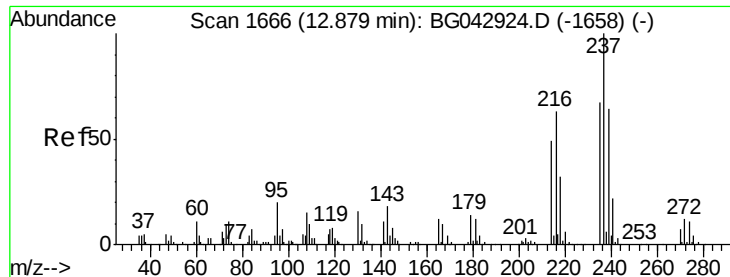
Ion 216.00 (215.70 to 216.70): E

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: 74.180 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

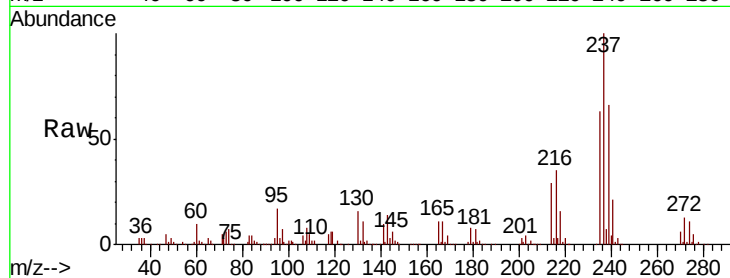
Tot Ion:237 Resp: 318502

Ion Ratio Lower Upper

237 100

235 62.6 46.7 86.7

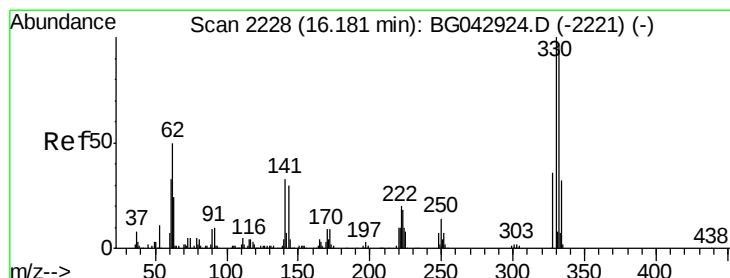
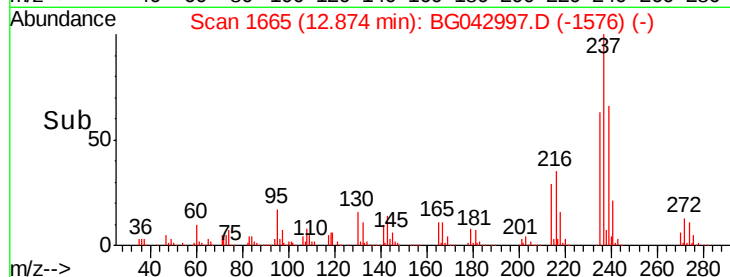
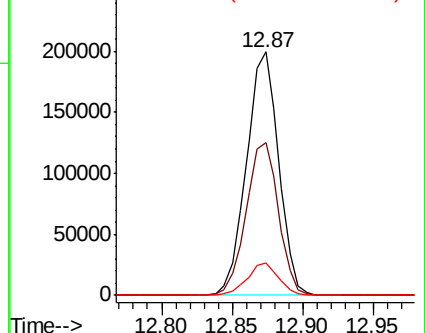
272 13.1 0.0 32.3



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: 108.887 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

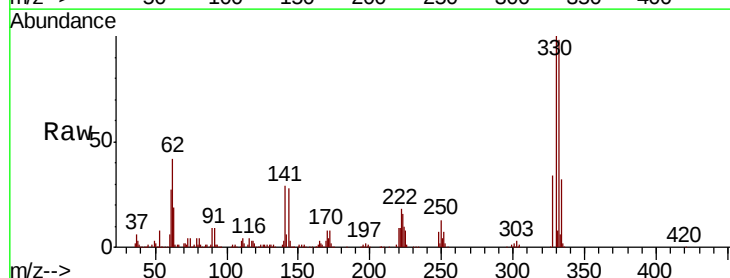
Tgt Ion:330 Resp: 335580

Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.2

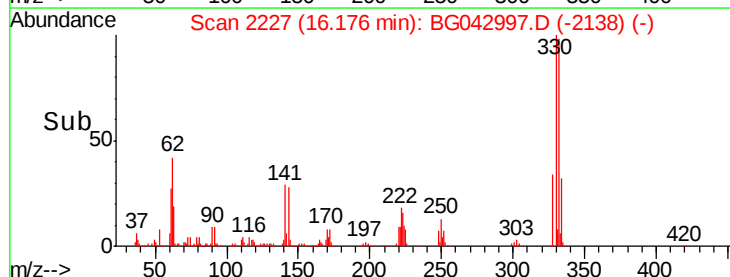
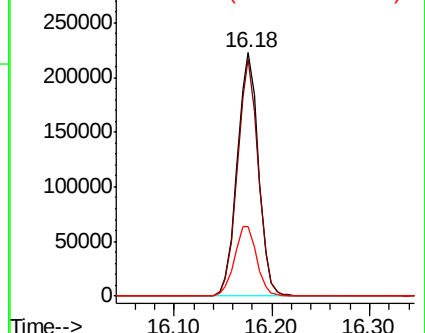
141 29.9 26.0 39.0

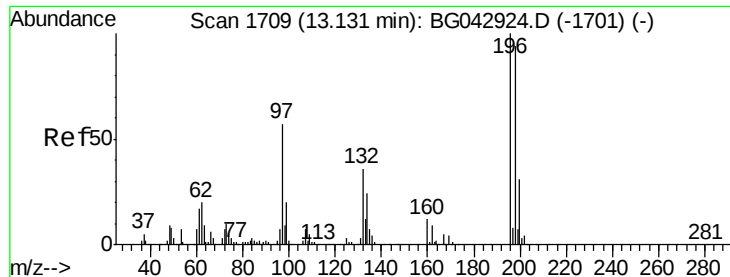


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

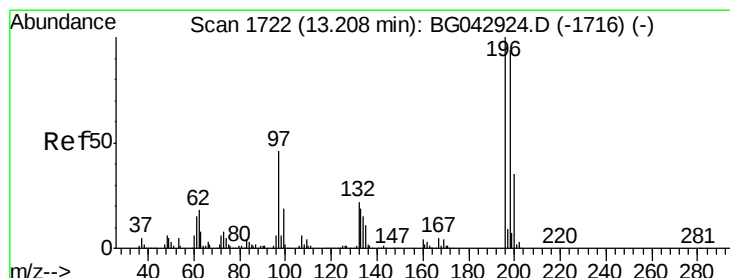
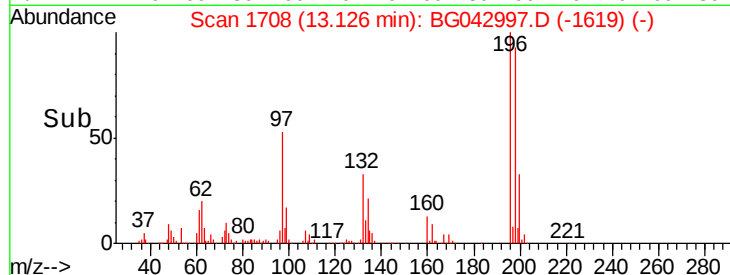
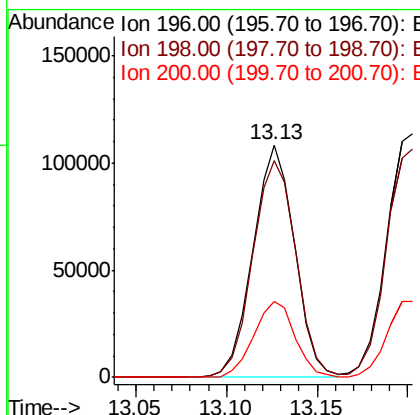
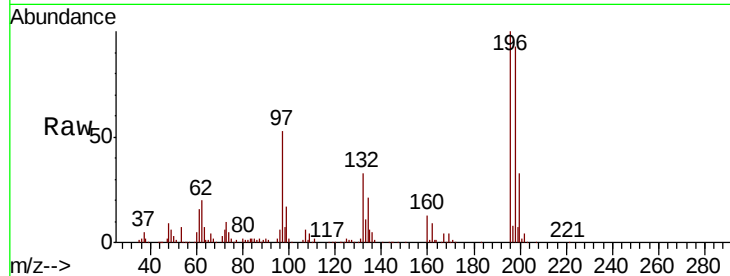




#43
 2,4,6-Trichlorophenol
 Concen: 43.787 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

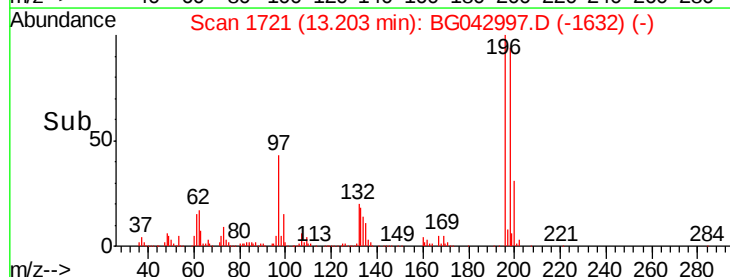
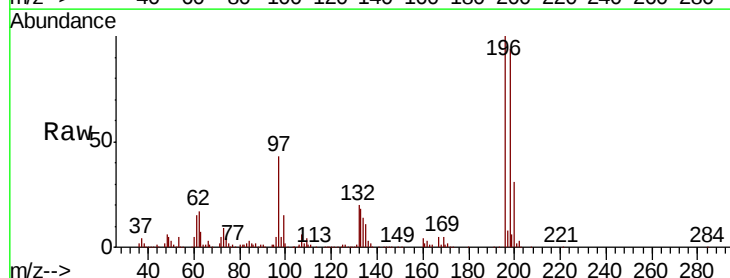
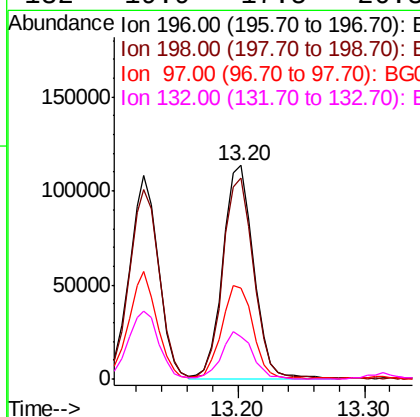
Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

Tot Ion:196 Resp: 172707
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.5 113.3
 200 32.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 46.848 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion:196 Resp: 190351
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.1 112.7
 97 42.6 37.0 55.4
 132 19.9 17.5 26.3

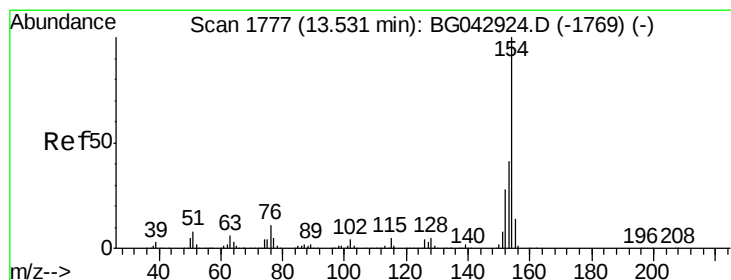
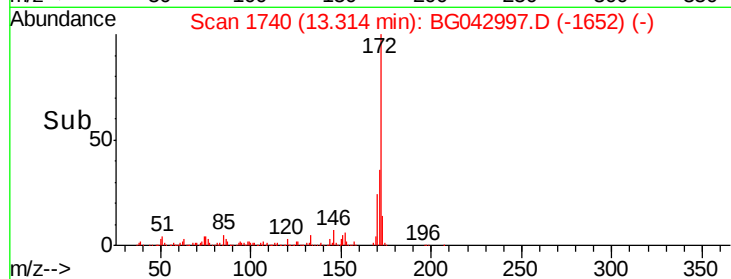
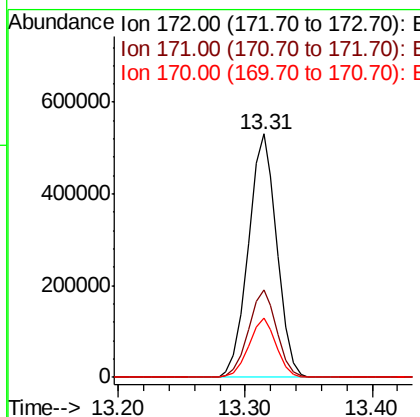
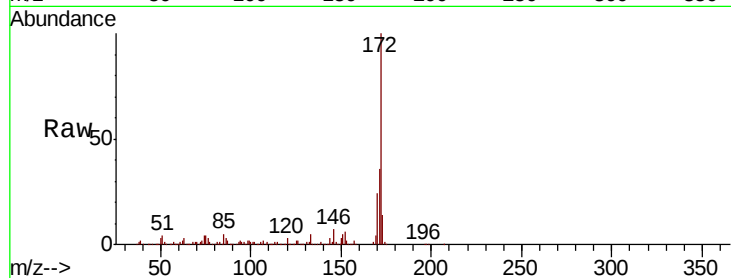




#45
2-Fluorobiphenyl
Concen: 66.926 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

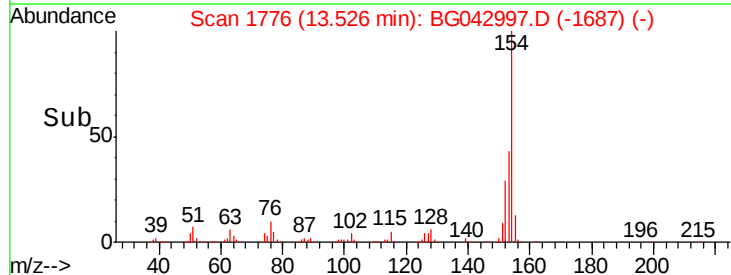
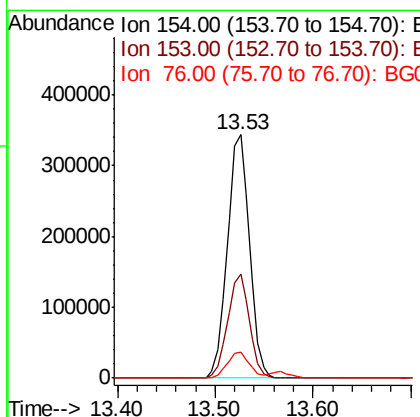
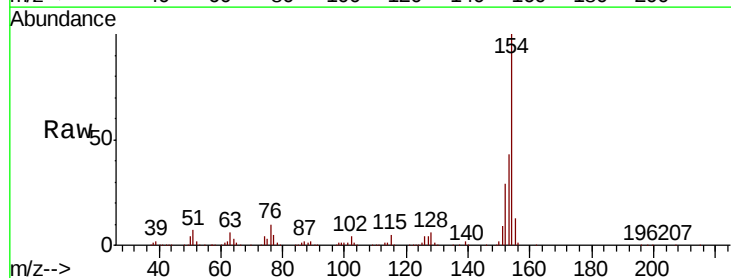
Instrument :
BNA_G
ClientSampleId :
S-1MS

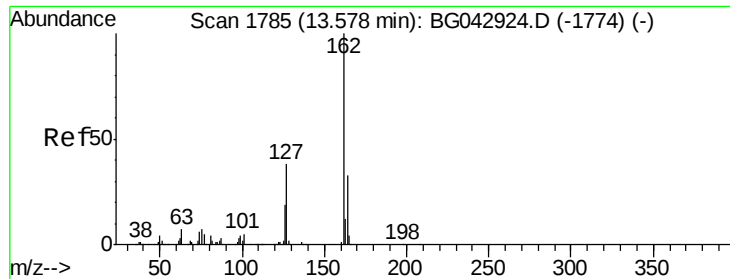
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.6	29.4



#46
1,1'-Biphenyl
Concen: 39.596 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.4	61.4
76	10.5	0.0	31.3

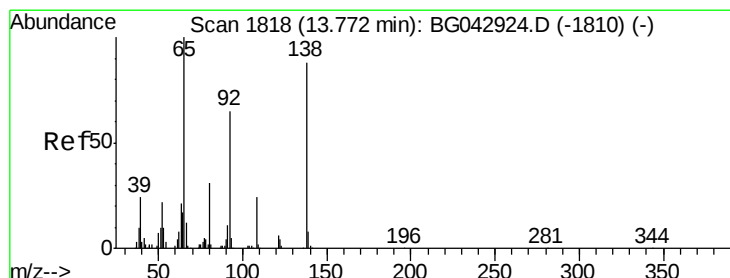
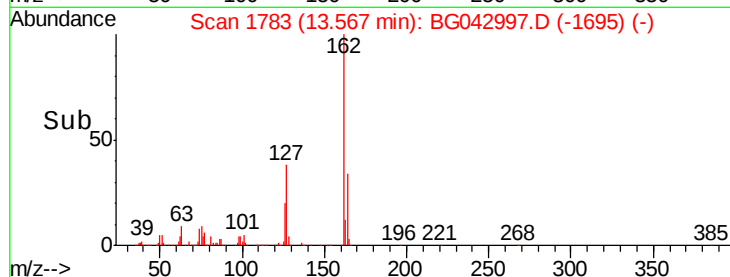
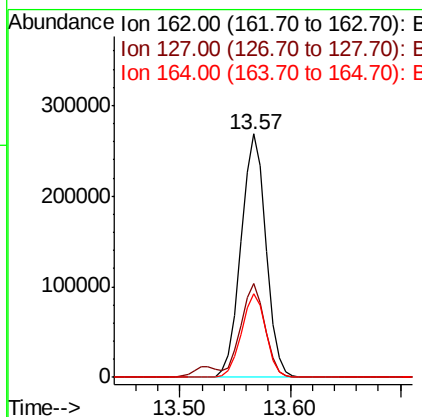
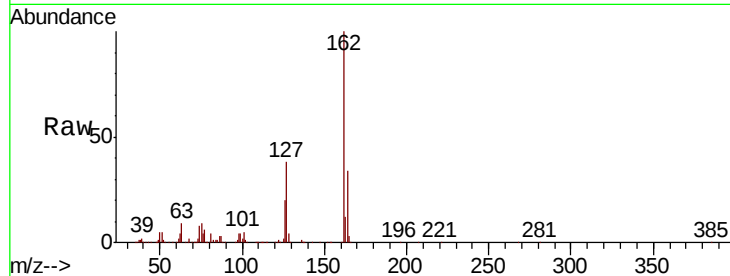




#47
 2-Chloronaphthalene
 Concen: 41.877 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

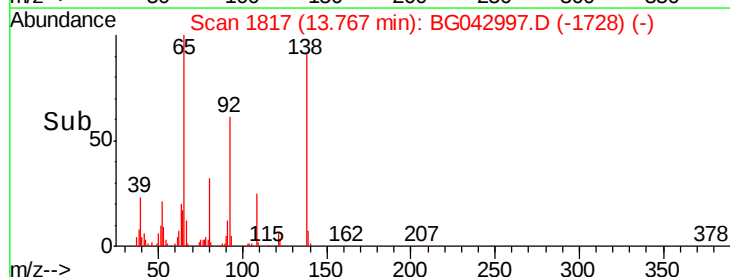
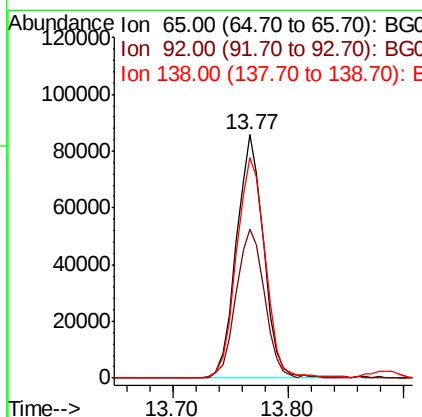
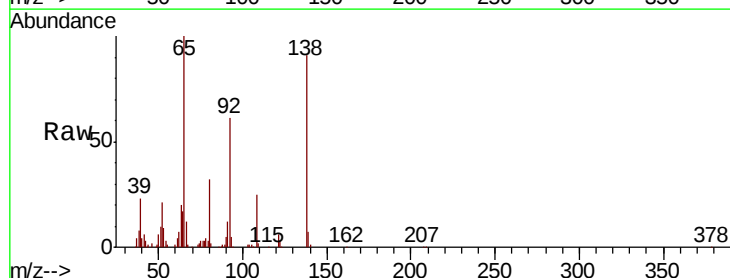
Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

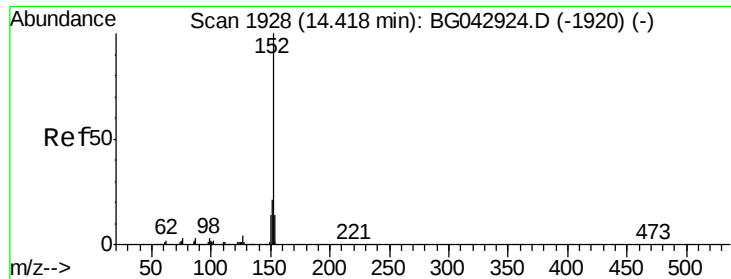
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.6
164	34.3	26.2	39.2



#48
 2-Nitroaniline
 Concen: 41.332 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	52.0	78.0
138	90.8	70.4	105.6





#49

Acenaphthylene

Concen: 43.343 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampled :

S-1MS

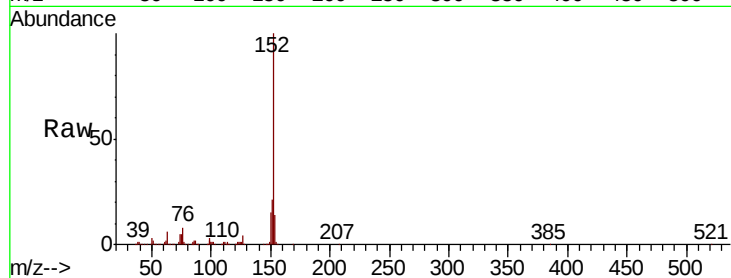
Tot Ion:152 Resp: 675832

Ion Ratio Lower Upper

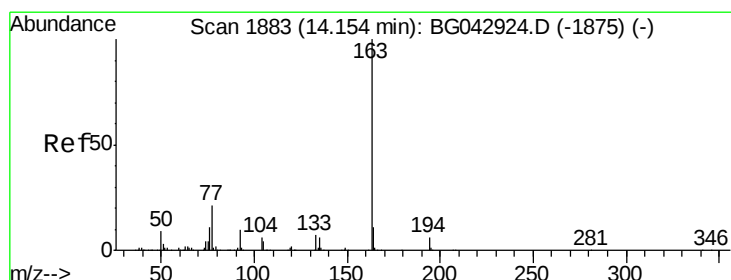
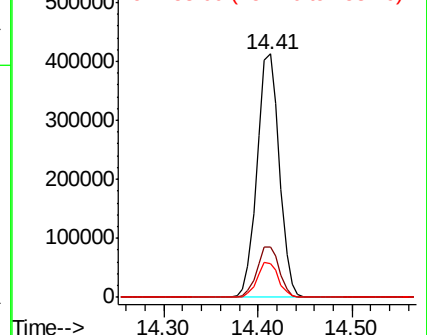
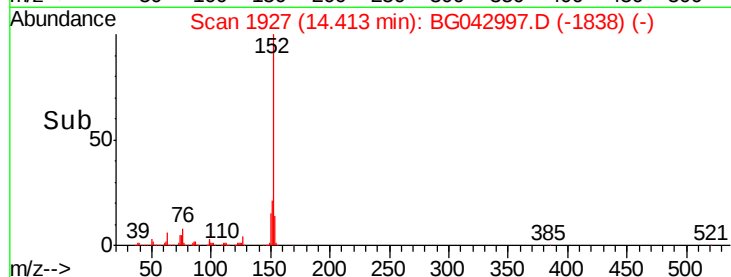
152 100

151 20.9 16.8 25.2

153 13.7 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.858 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

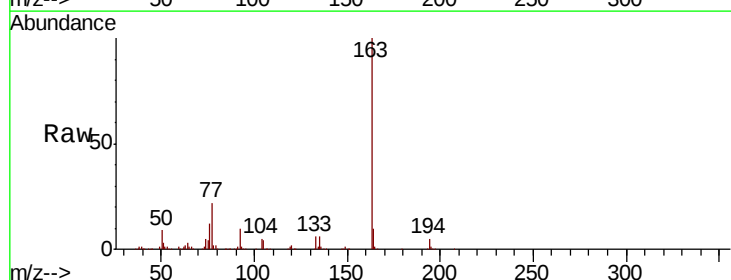
Tgt Ion:163 Resp: 656110

Ion Ratio Lower Upper

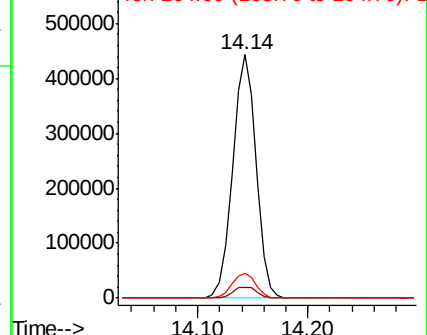
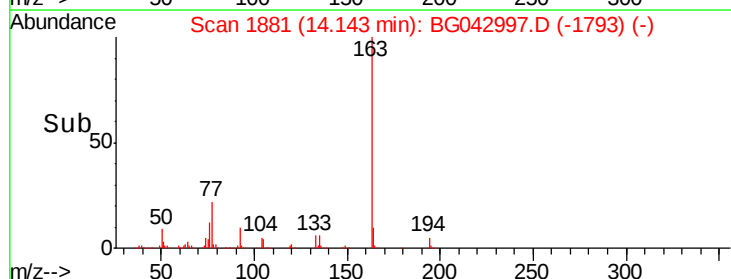
163 100

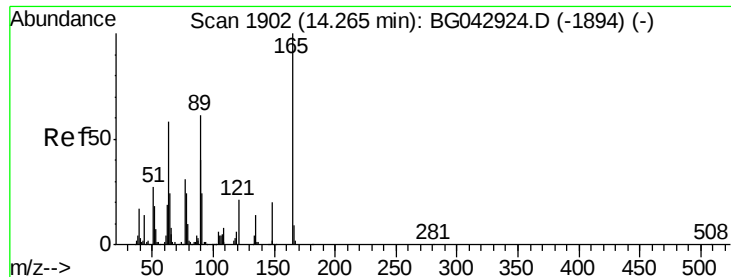
194 4.6 4.4 6.6

164 10.0 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

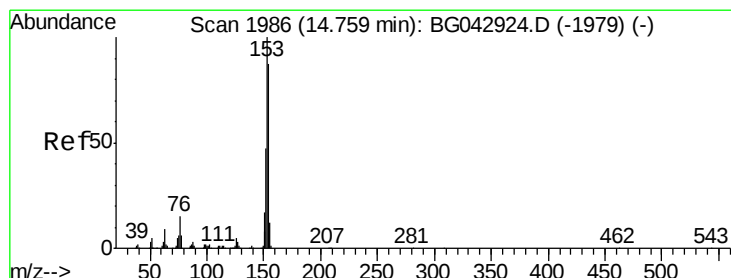
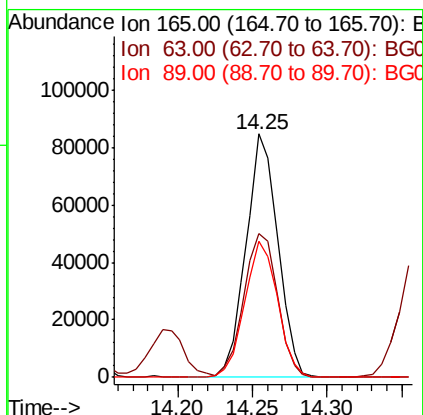
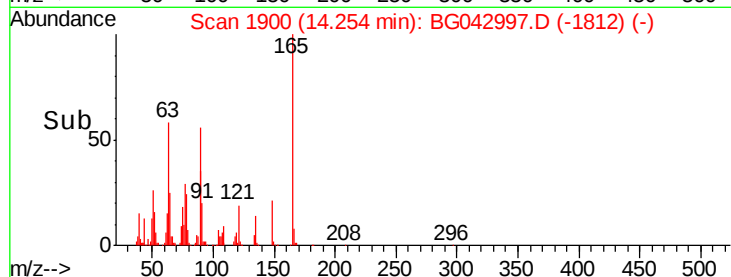
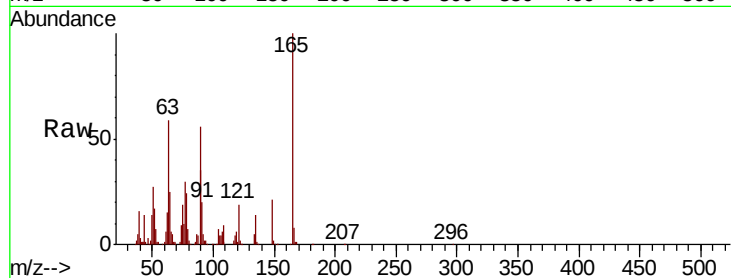




#51
 2,6-Dinitrotoluene
 Concen: 43.759 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

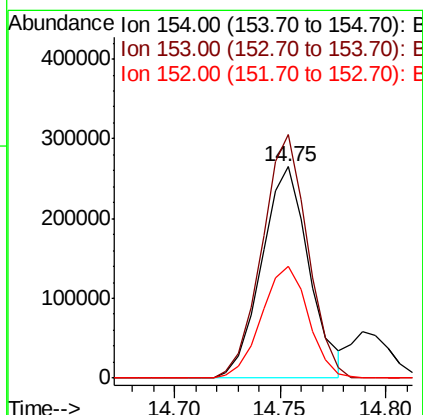
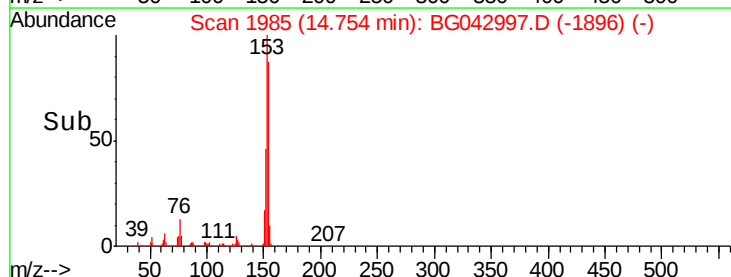
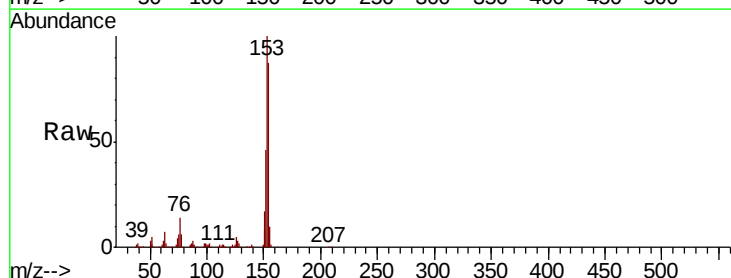
Instrument :
 BNA_G
 ClientSampled :
 S-1MS

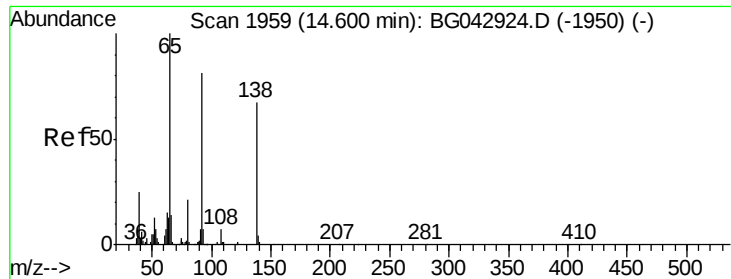
Tot Ion:165 Resp: 125141
 Ion Ratio Lower Upper
 165 100
 63 58.9 50.3 75.5
 89 55.7 48.9 73.3



#52
 Acenaphthene
 Concen: 39.578 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion:154 Resp: 413076
 Ion Ratio Lower Upper
 154 100
 153 115.4 91.4 137.0
 152 52.9 42.8 64.2





#53

3-Nitroaniline

Concen: 26.385 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

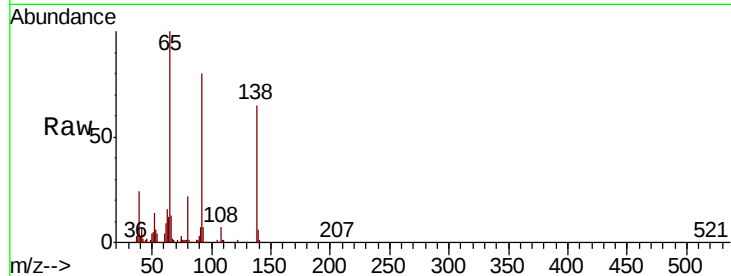
Tot Ion:138 Resp: 77978

Ion Ratio Lower Upper

138 100

108 10.8 7.9 11.9

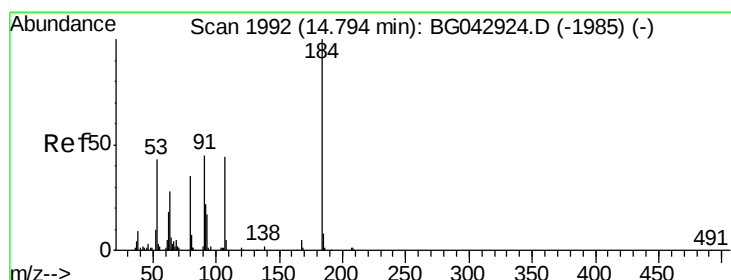
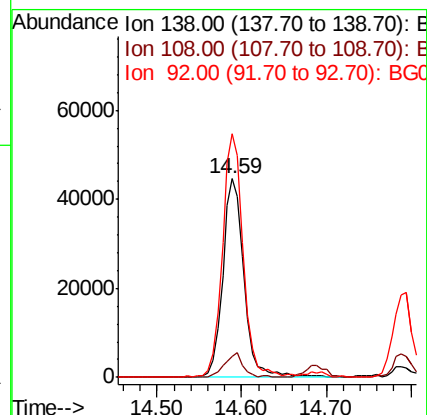
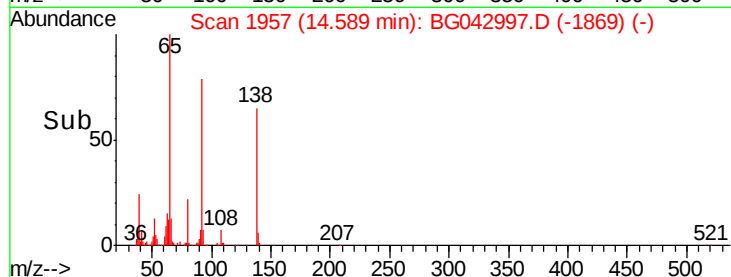
92 122.8 97.0 145.6



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: 78.335 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

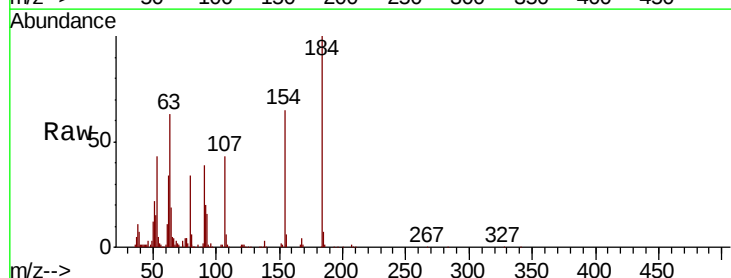
Tgt Ion:184 Resp: 139247

Ion Ratio Lower Upper

184 100

63 63.4 55.0 82.6

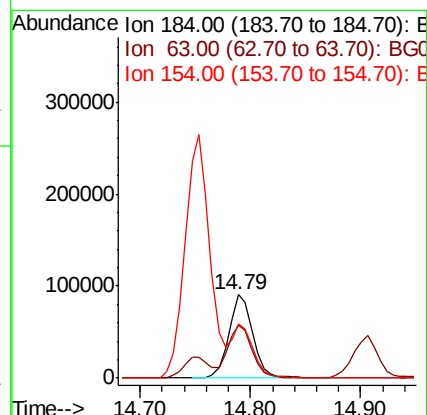
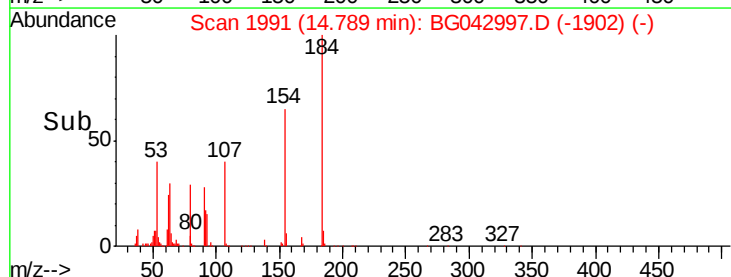
154 64.5 56.5 84.7

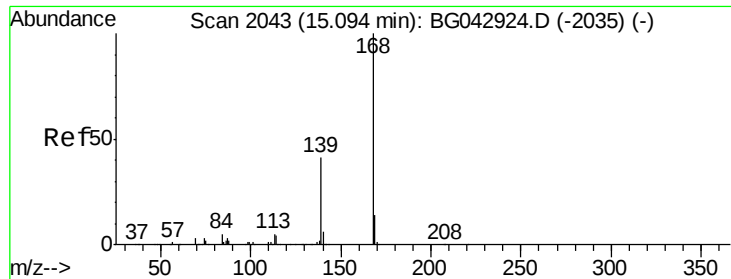


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

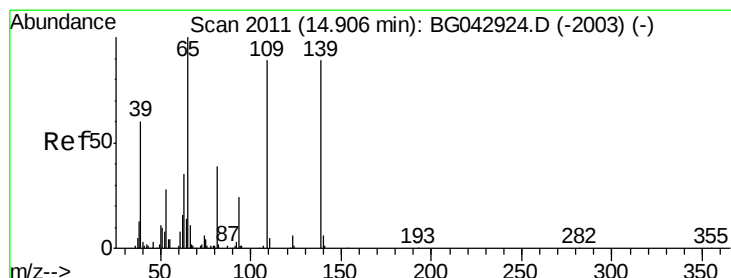
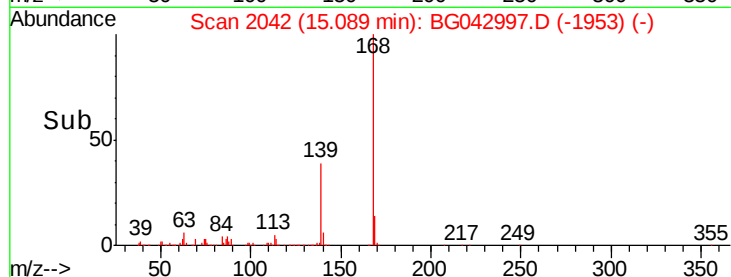
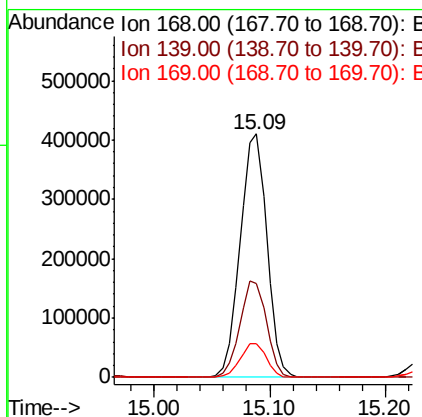
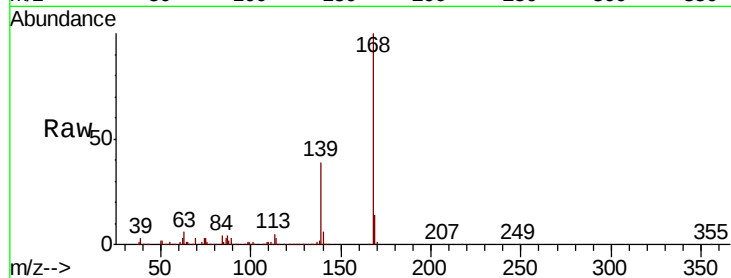




#55
Dibenzofuran
Concen: 42.758 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

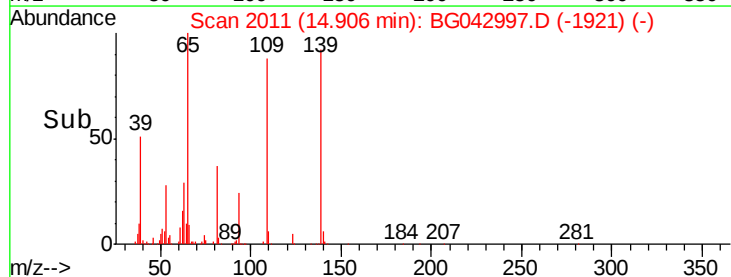
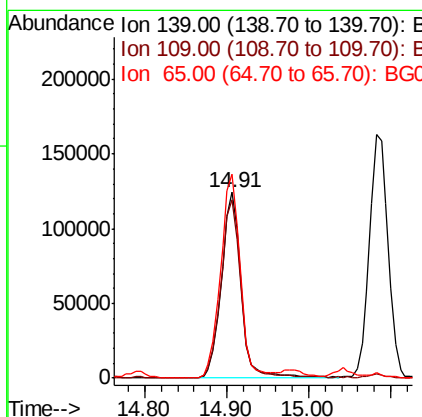
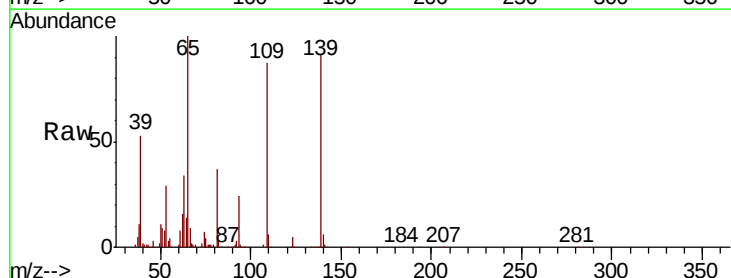
Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion:168 Resp: 660148
Ion Ratio Lower Upper
168 100
139 38.7 32.6 48.8
169 13.9 11.2 16.8



#56
4-Nitrophenol
Concen: 92.344 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion:139 Resp: 207944
Ion Ratio Lower Upper
139 100
109 95.7 79.4 119.4
65 109.4 92.5 132.5

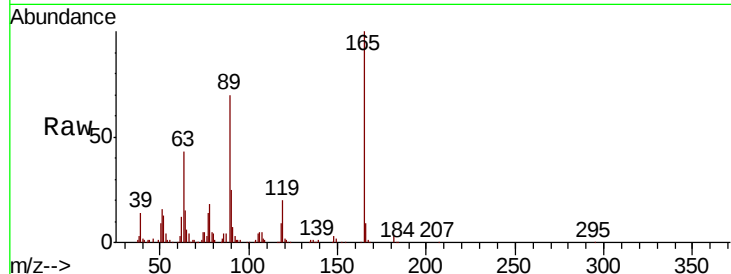




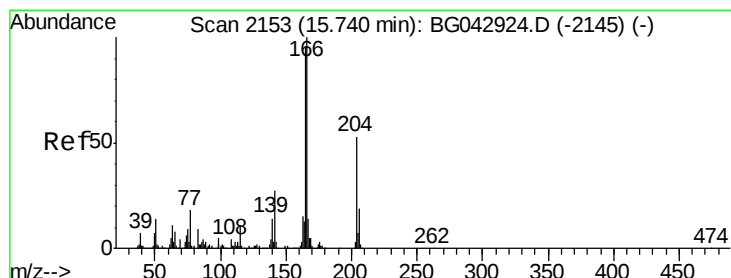
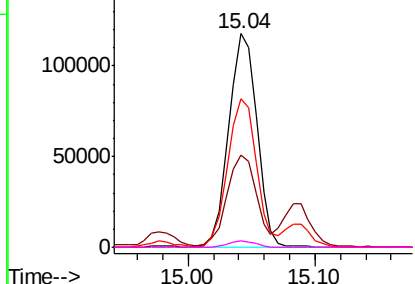
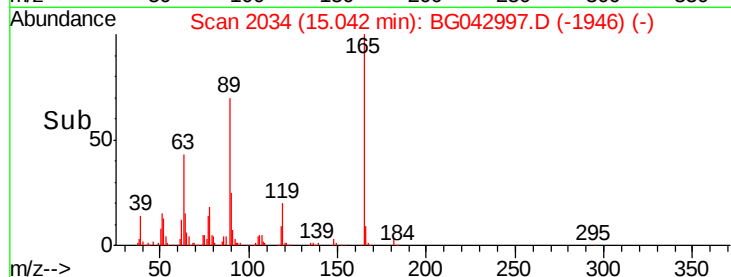
#57
2,4-Dinitrotoluene
Concen: 43.310 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	36.5	54.7
89	69.7	55.5	83.3
182	2.9	2.4	3.6

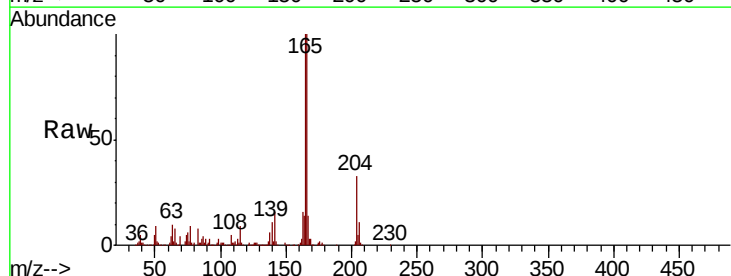


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

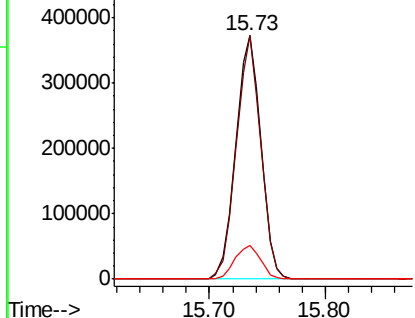
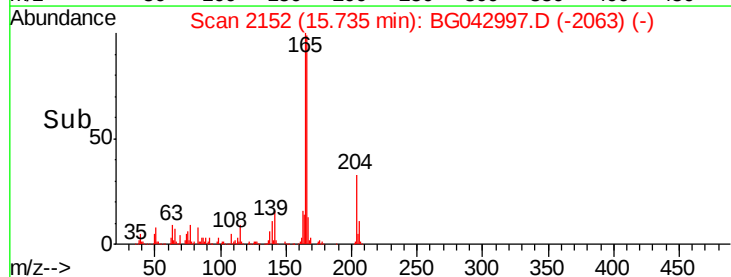


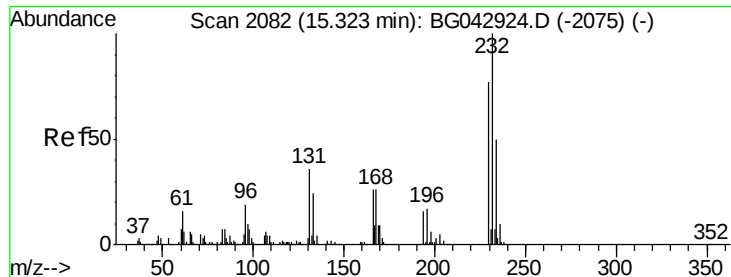
#58
Fluorene
Concen: 42.433 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.1	115.7
167	13.6	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: 43.538 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

Tot Ion:232 Resp: 188357

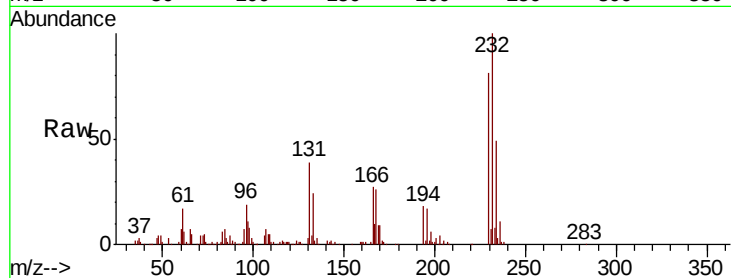
Ion Ratio Lower Upper

232 100

131 37.3 29.6 44.4

130 2.4 1.9 2.9

166 27.8 21.8 32.8

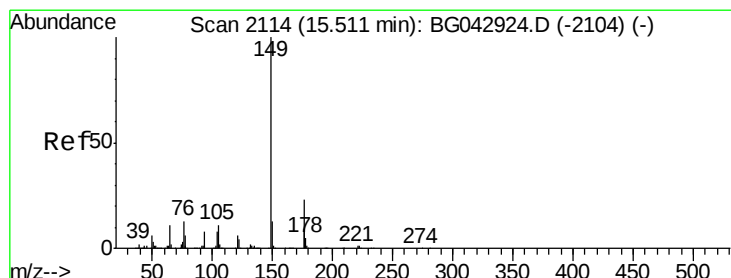
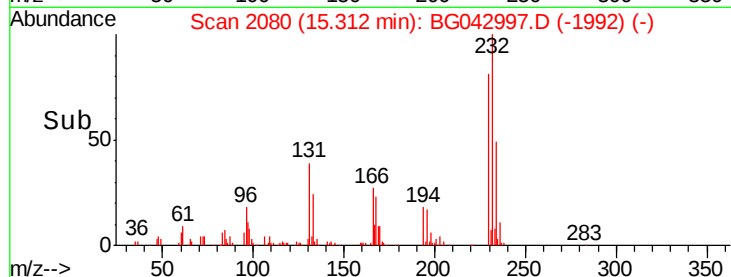
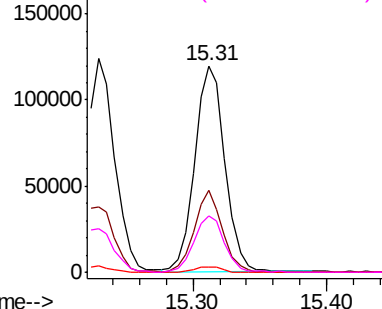


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.856 ng

RT: 15.50 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

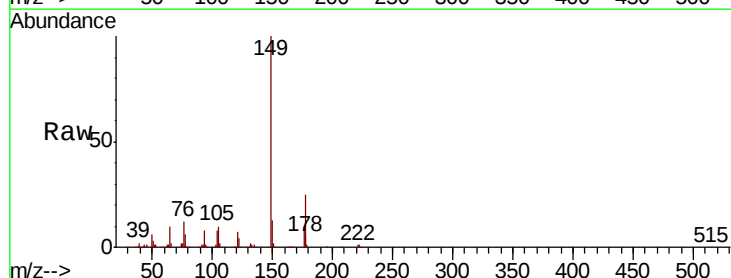
Tgt Ion:149 Resp: 544699

Ion Ratio Lower Upper

149 100

177 25.2 18.8 28.2

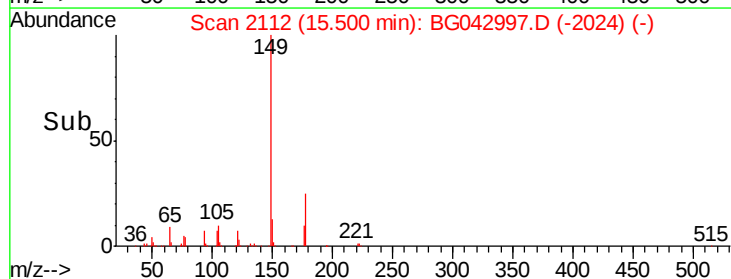
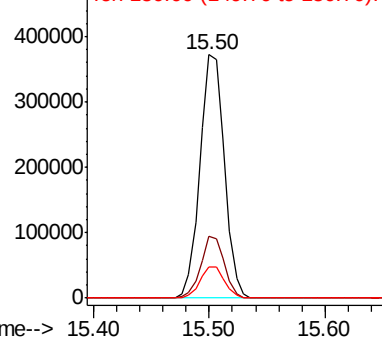
150 12.9 10.6 15.8



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

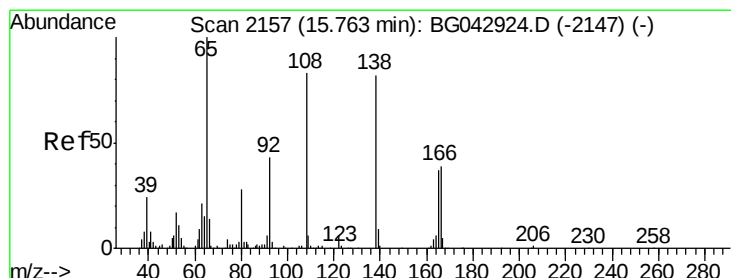
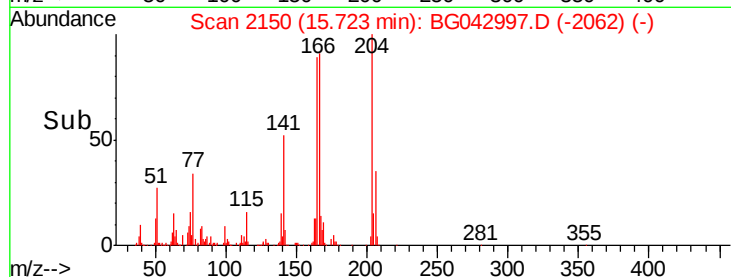
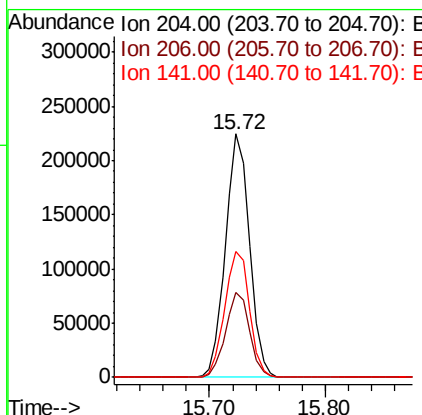
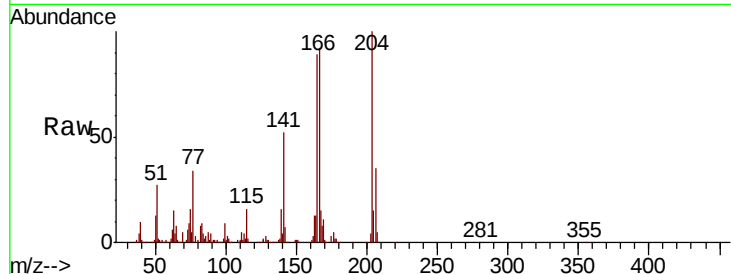




#61
4-Chlorophenyl-phenylether
Concen: 41.009 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

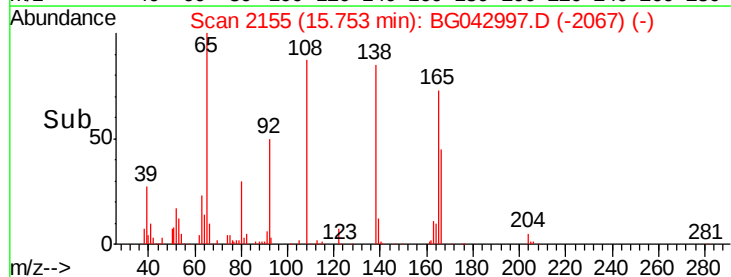
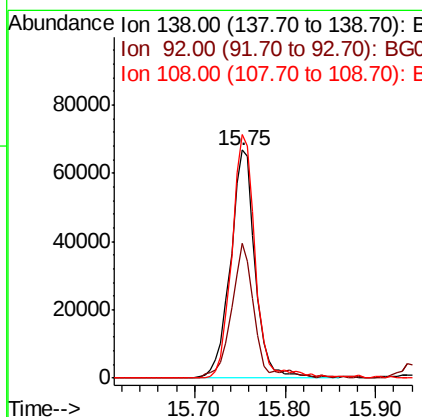
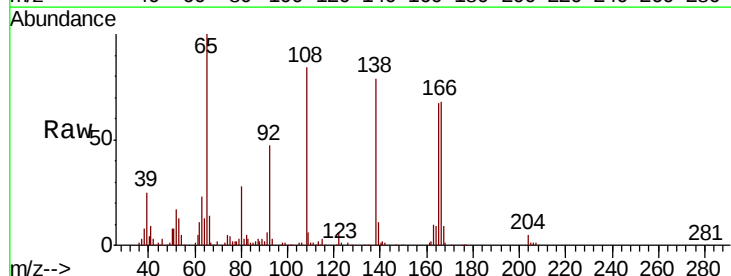
Instrument :
BNA_G
ClientSampleId :
S-1MS

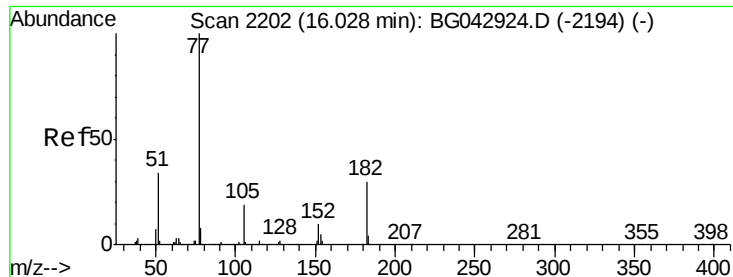
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	28.5	42.7
141	51.9	42.4	63.6



#62
4-Nitroaniline
Concen: 39.534 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	32.9	72.9
108	106.7	81.3	121.3

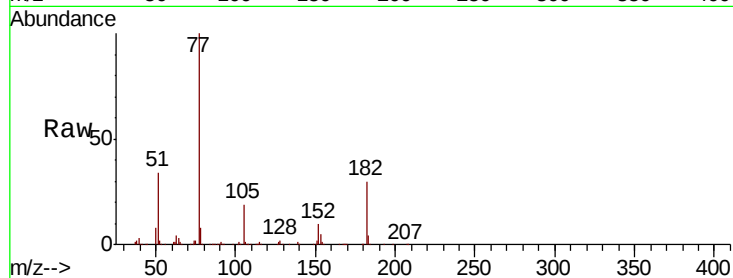




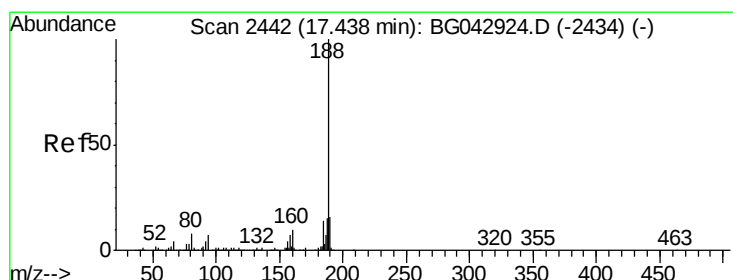
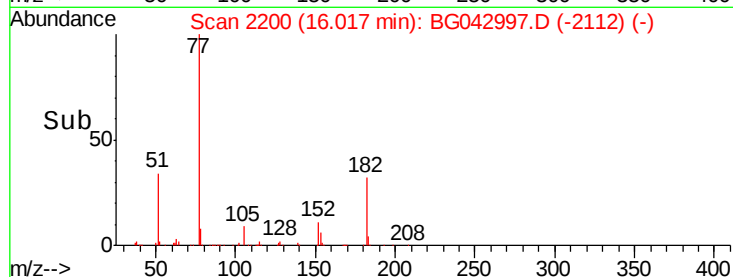
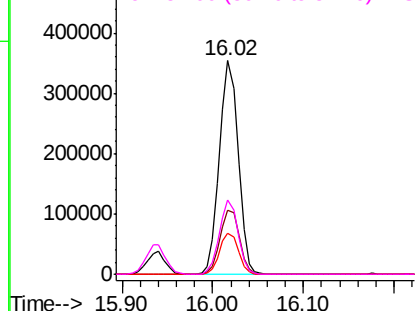
#63
Azobenzene
Concen: 40.835 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion:	77	Resp:	508087
Ion	Ratio	Lower	Upper
77	100		
182	30.0	10.2	50.2
105	18.9	0.0	39.1
51	34.5	13.9	53.9

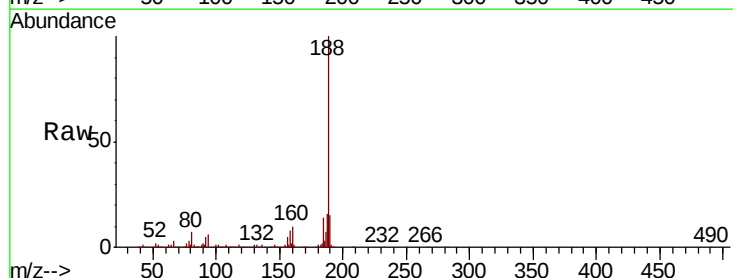


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

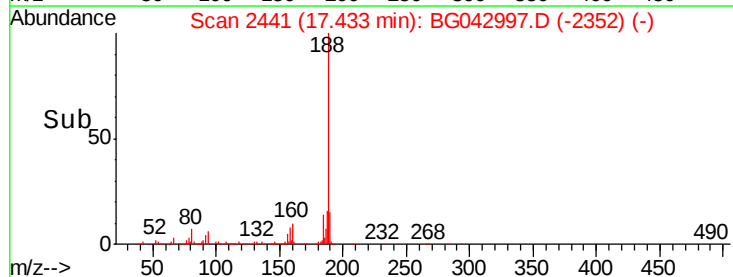
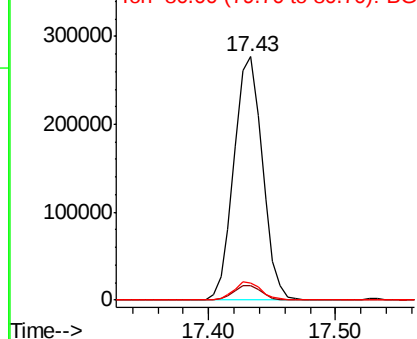


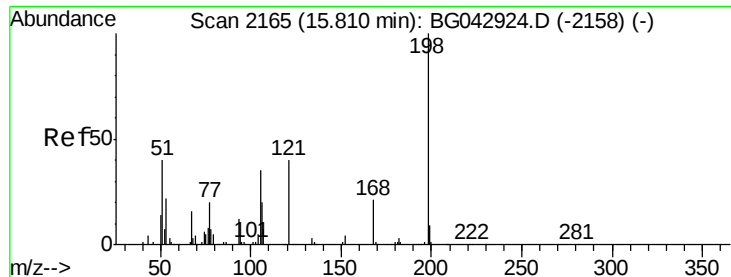
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion:	188	Resp:	431678
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	6.7	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

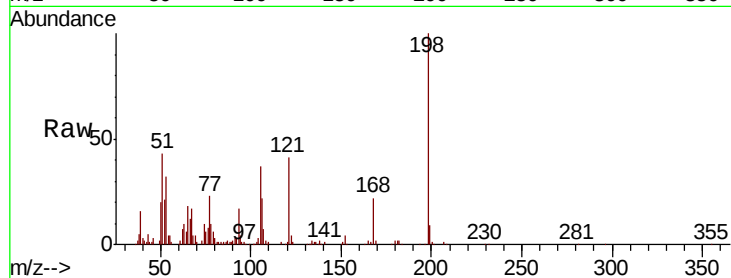




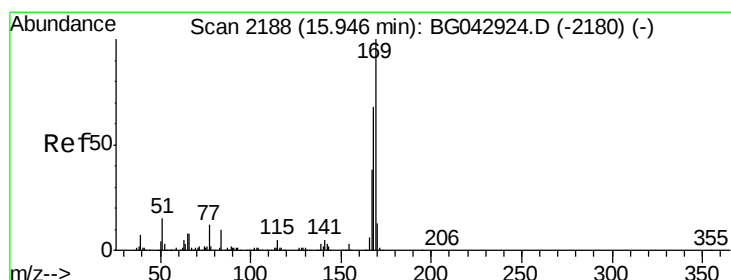
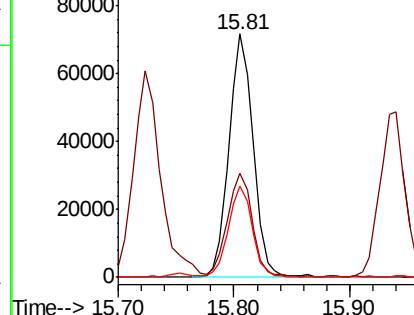
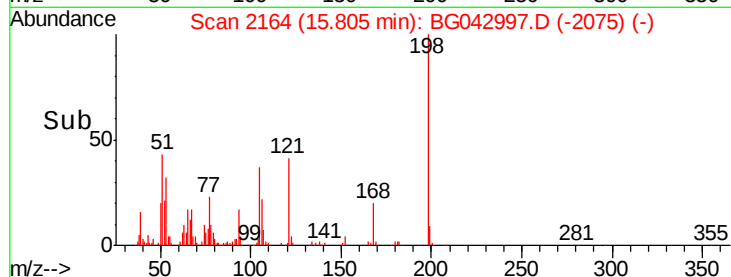
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.695 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Instrument :
 BNA_G
 ClientSampleId :
 S-1MS

Tot Ion:198 Resp: 104292
 Ion Ratio Lower Upper
 198 100
 51 43.0 25.3 65.3
 105 37.3 16.6 56.6

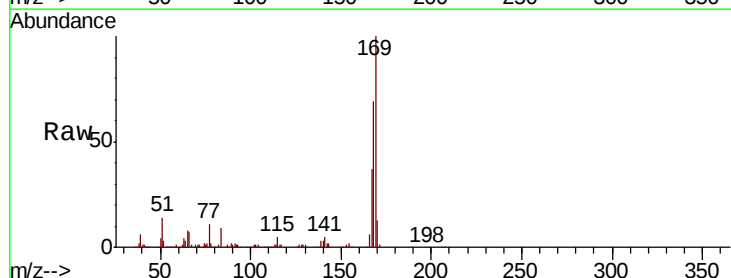


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

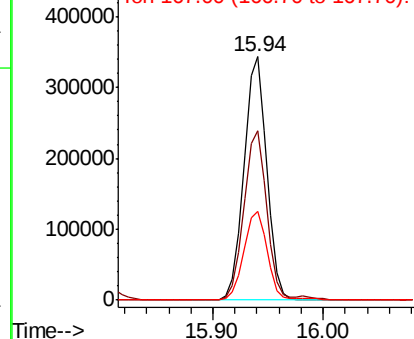
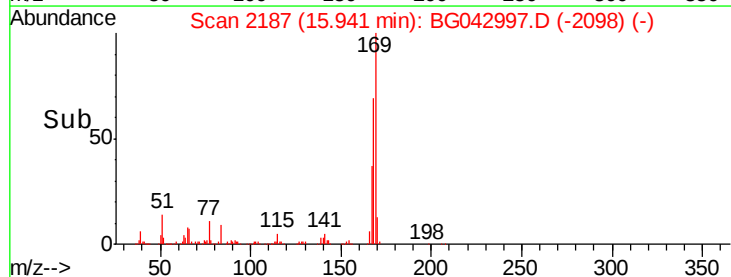


#66
 n-Nitrosodiphenylamine
 Concen: 43.795 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG042997.D
 Acq: 2 Oct 2019 22:57

Tgt Ion:169 Resp: 499073
 Ion Ratio Lower Upper
 169 100
 168 69.4 54.8 82.2
 167 36.5 30.6 46.0



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

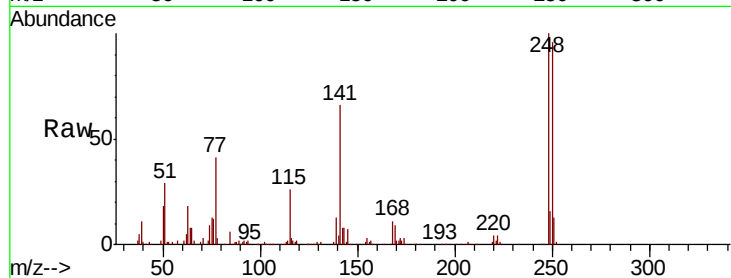




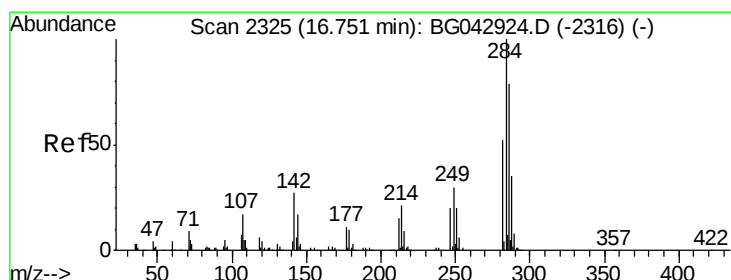
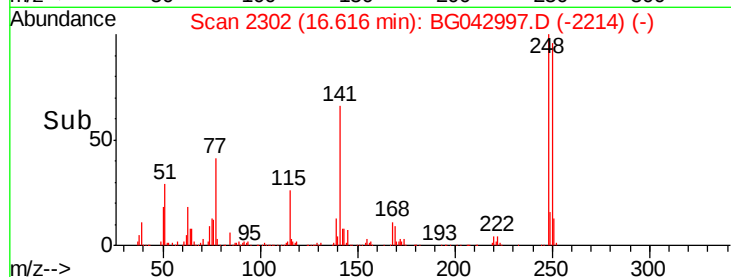
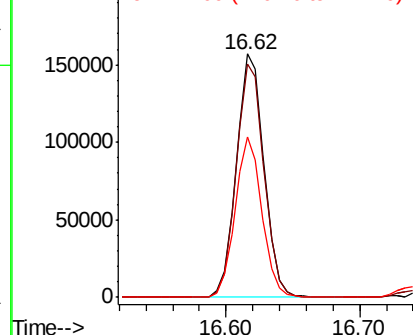
#67
4-Bromophenyl-phenylether
Concen: 41.611 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleId :
S-1MS

Tot Ion:248 Resp: 225450
Ion Ratio Lower Upper
248 100
250 96.0 75.8 113.8
141 65.8 51.1 76.7

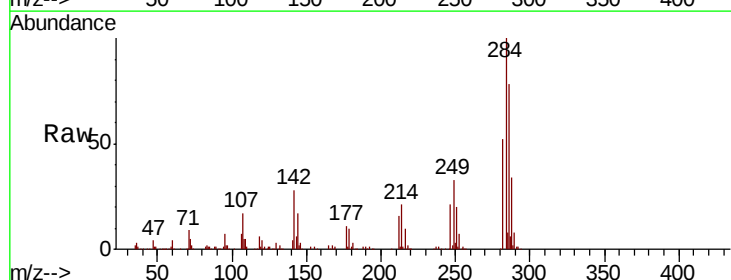


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

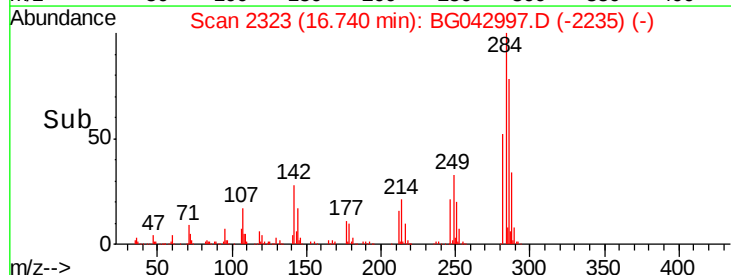
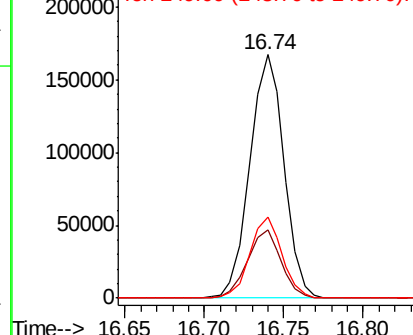


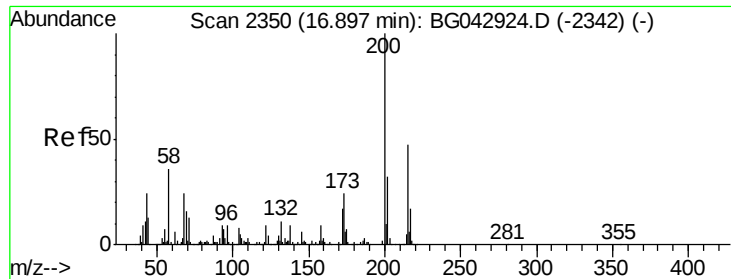
#68
Hexachlorobenzene
Concen: 41.439 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion:284 Resp: 249983
Ion Ratio Lower Upper
284 100
142 28.1 21.6 32.4
249 33.2 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: 40.079 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

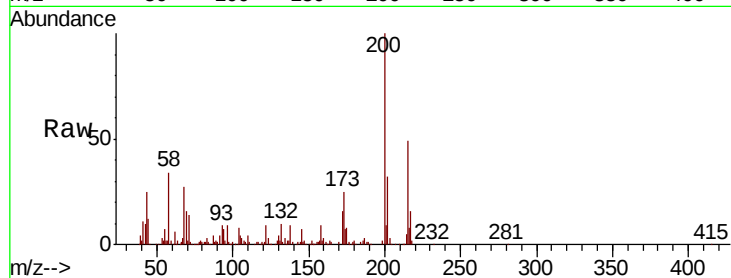
Tot Ion:200 Resp: 192329

Ion Ratio Lower Upper

200 100

173 24.6 4.0 44.0

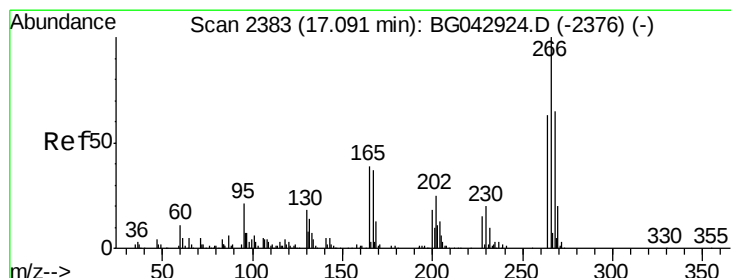
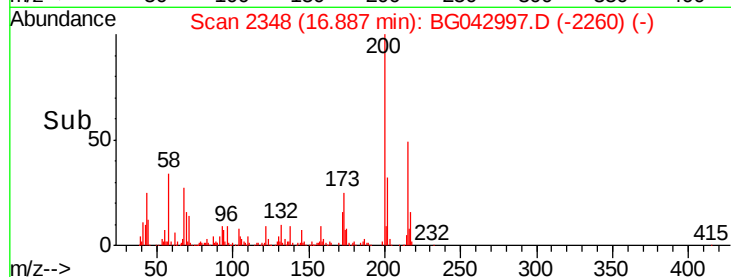
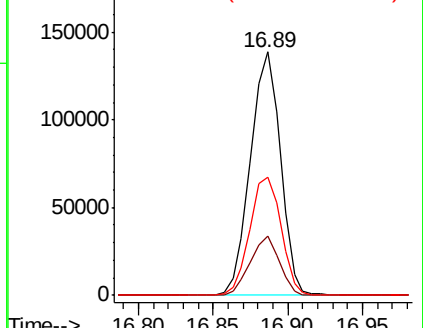
215 48.5 27.4 67.4



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: 90.338 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

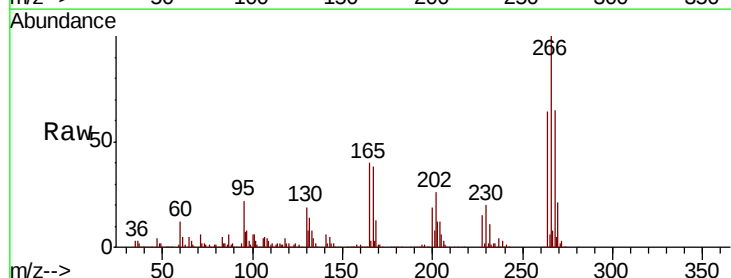
Tgt Ion:266 Resp: 314461

Ion Ratio Lower Upper

266 100

268 64.5 52.2 78.2

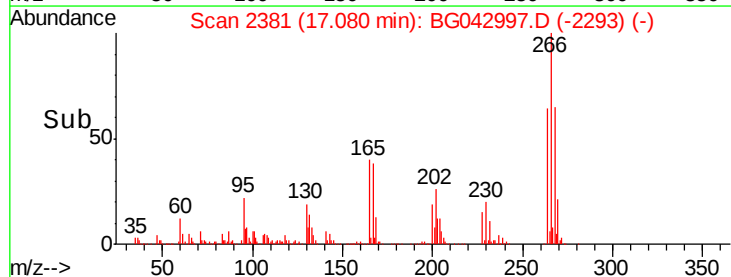
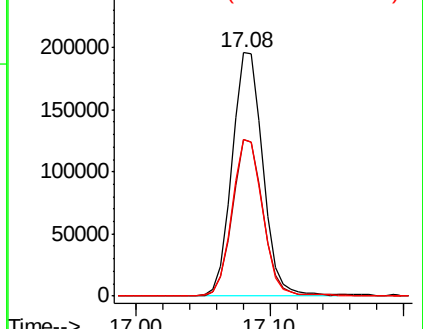
264 64.1 50.7 76.1



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

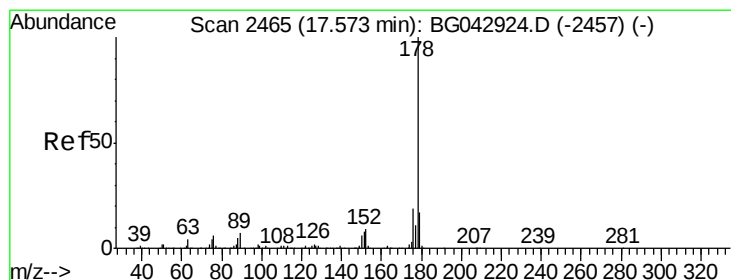
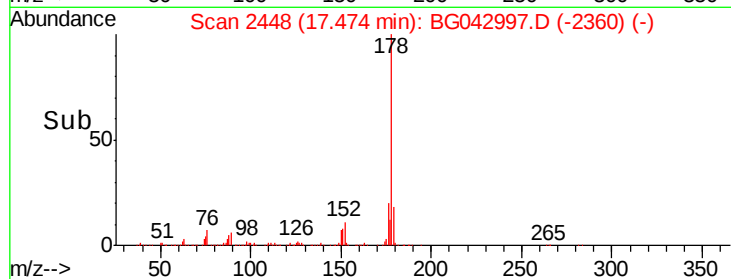
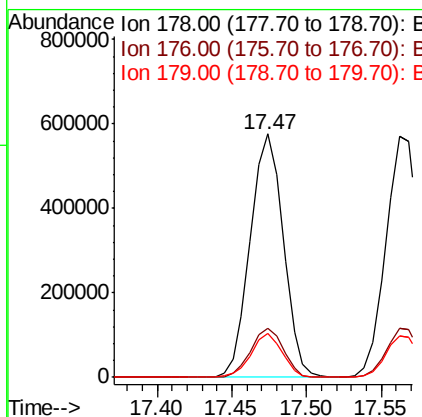
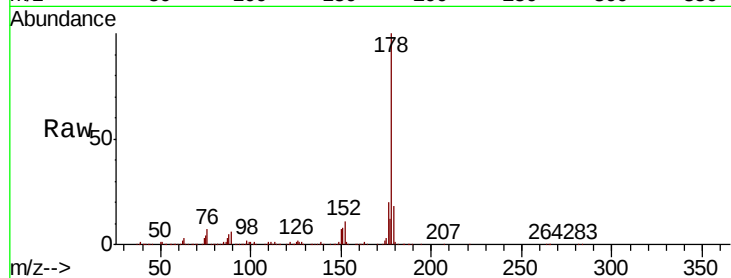




#71
Phenanthrene
Concen: 42.022 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

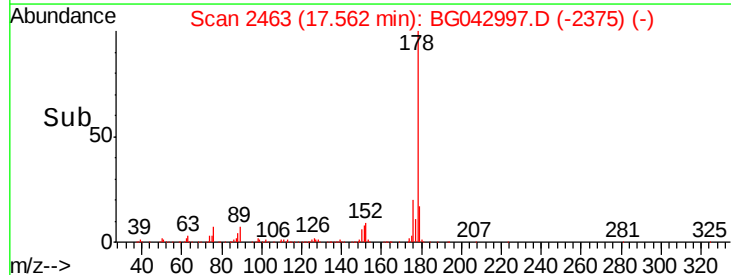
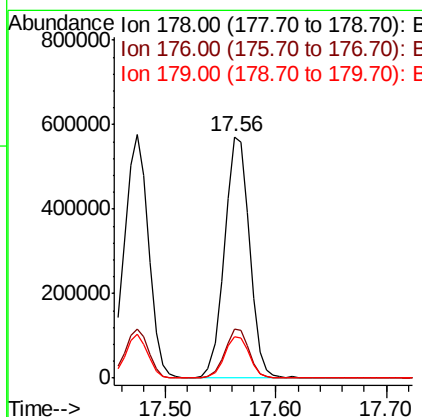
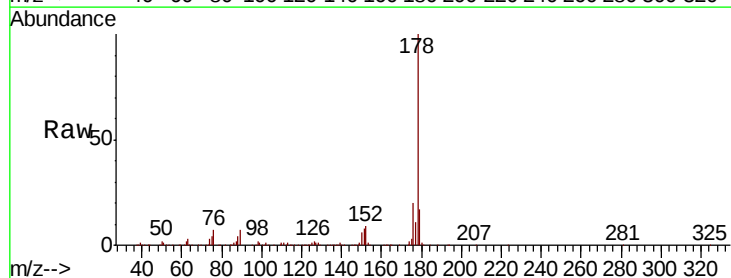
Instrument :
BNA_G
ClientSampleId :
S-1MS

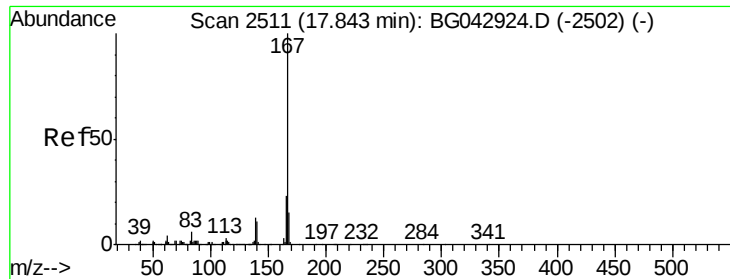
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	17.9	14.1	21.1



#72
Anthracene
Concen: 43.036 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	17.1	13.5	20.3





#73

Carbazole

Concen: 42.255 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

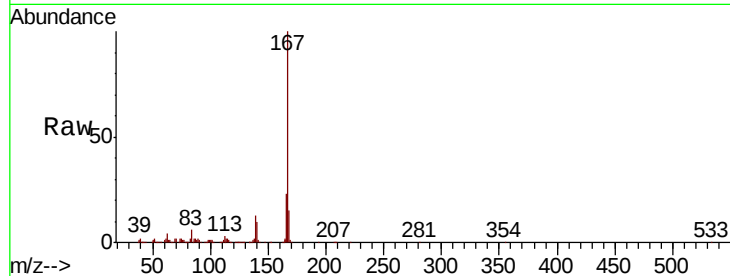
Tot Ion:167 Resp: 824390

Ion Ratio Lower Upper

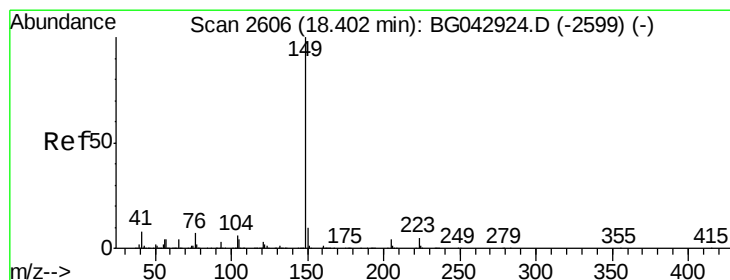
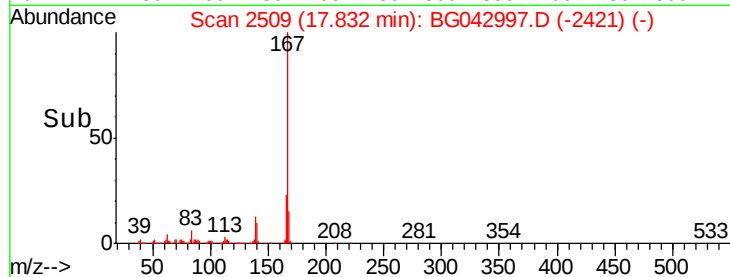
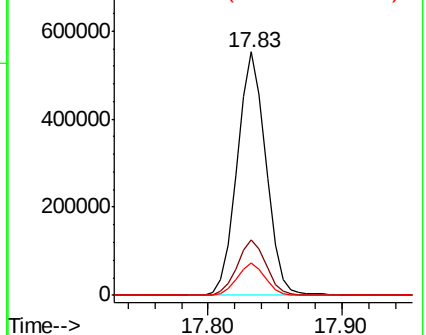
167 100

166 22.8 18.6 28.0

139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.772 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

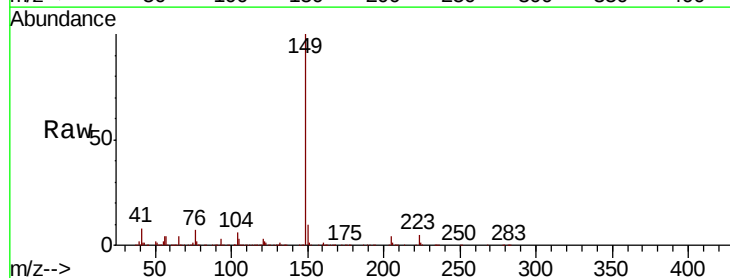
Tgt Ion:149 Resp: 949080

Ion Ratio Lower Upper

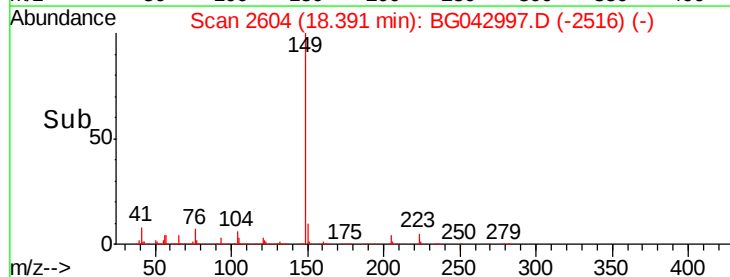
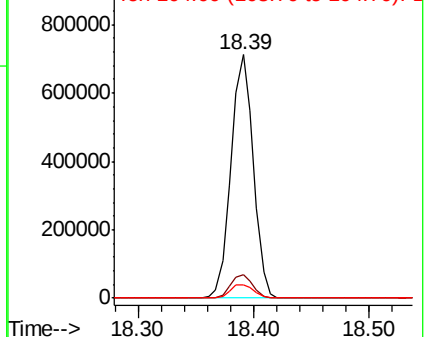
149 100

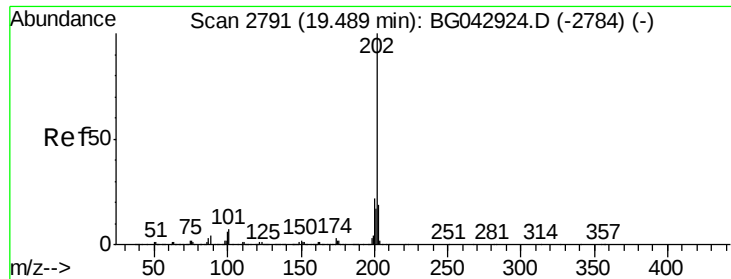
150 9.6 7.7 11.5

104 5.6 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.315 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampled :

S-1MS

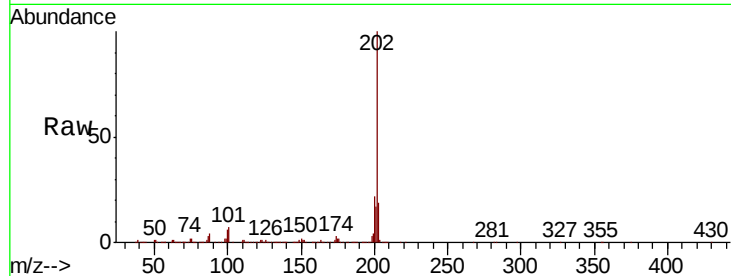
Tot Ion:202 Resp: 1151666

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.3

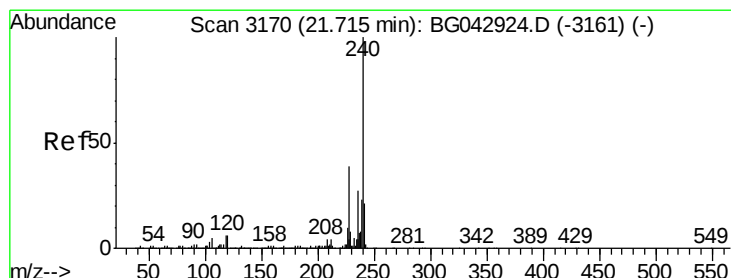
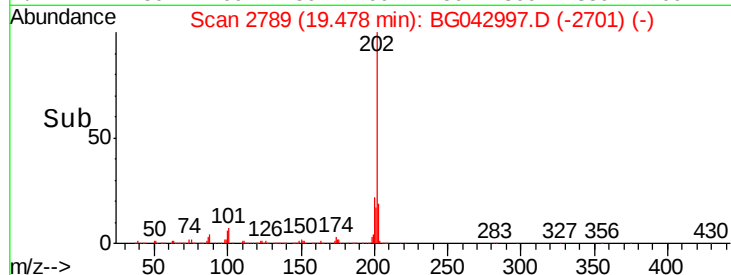
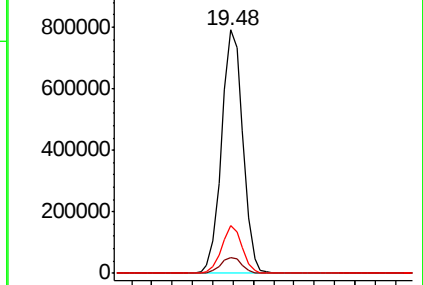
203 19.4 0.0 39.5



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# 3168

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

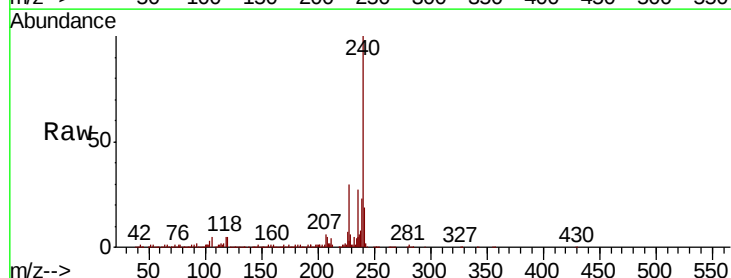
Tgt Ion:240 Resp: 460468

Ion Ratio Lower Upper

240 100

120 5.4 4.8 7.2

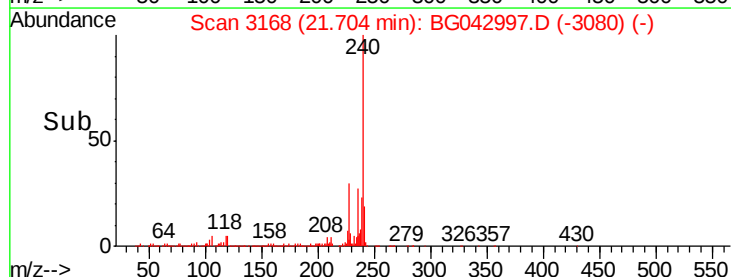
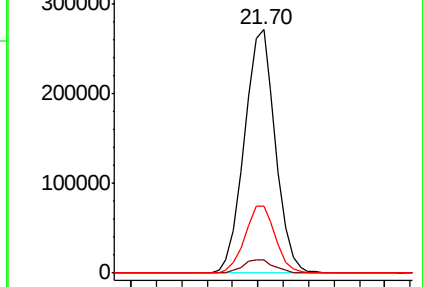
236 27.4 21.4 32.0

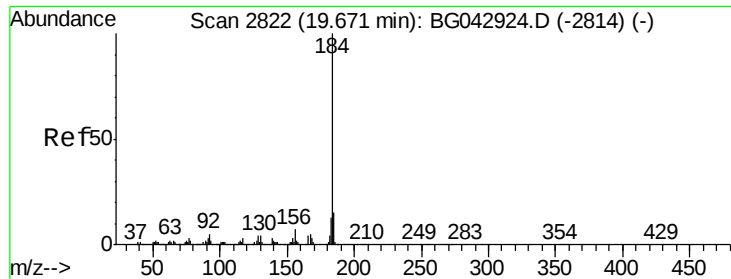


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.583 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

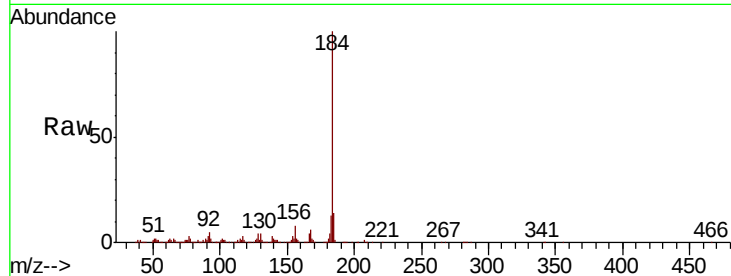
BNA_G

ClientSampleId :

S-1MS

Tot Ion:184 Resp: 583206

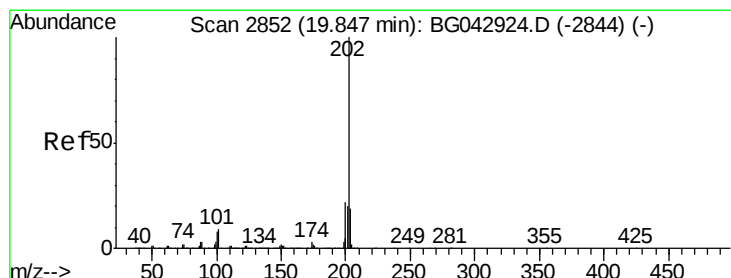
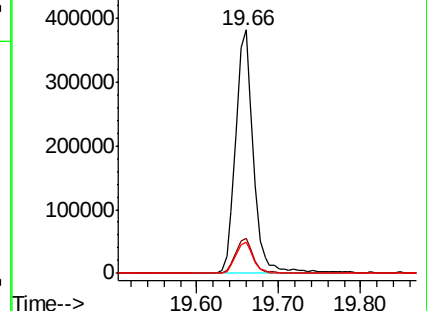
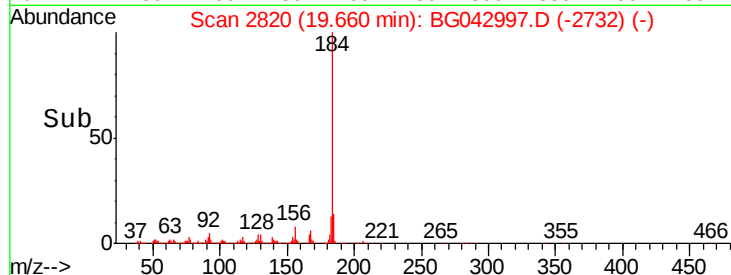
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	12.9	10.1	15.1



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: 42.692 ng

RT: 19.84 min Scan# 2851

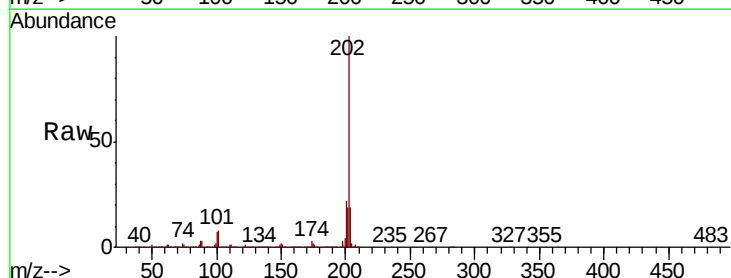
Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:202 Resp: 1173318

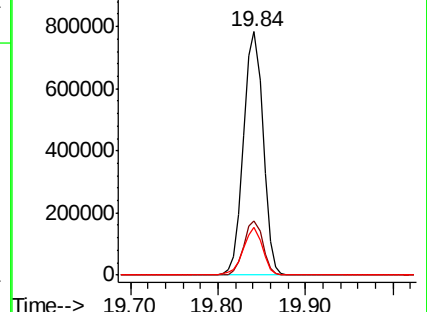
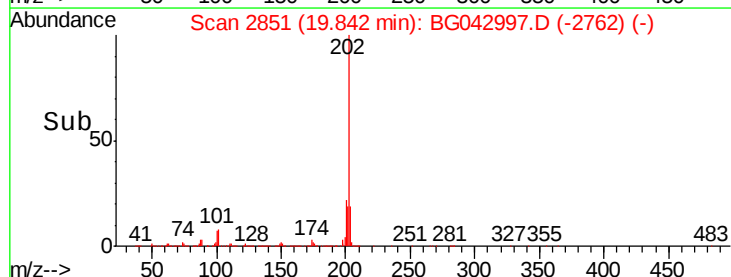
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	19.4	15.2	22.8

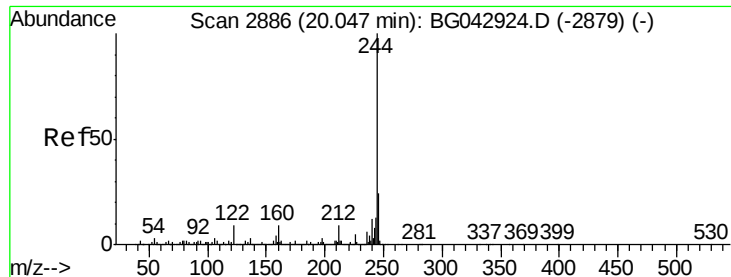


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.364 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampled :

S-1MS

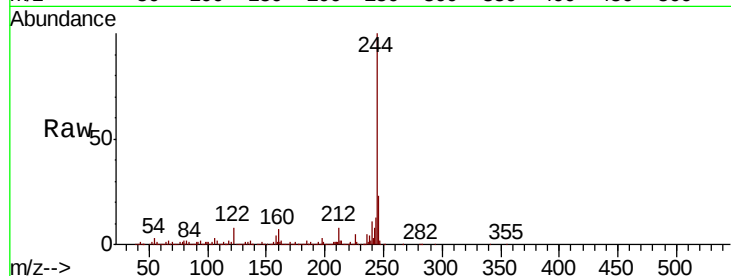
Tot Ion:244 Resp: 1498914

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

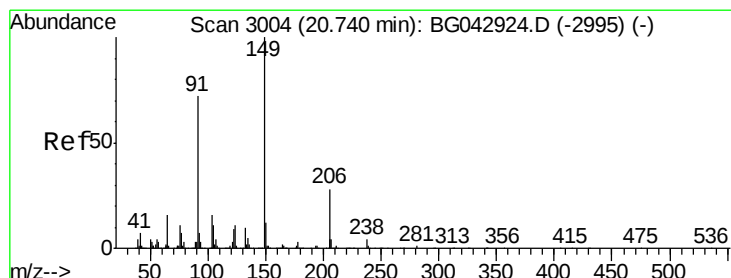
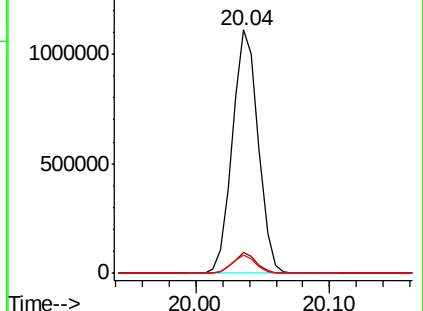
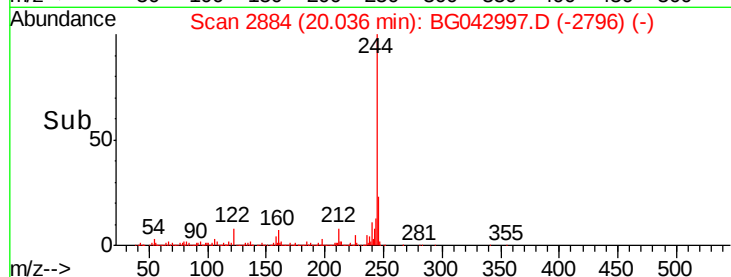
122 7.6 7.0 10.4



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: 42.141 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

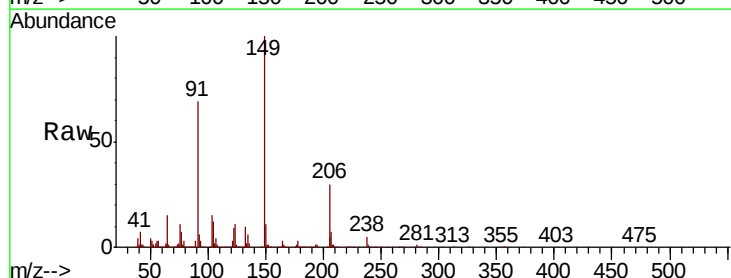
Tgt Ion:149 Resp: 439616

Ion Ratio Lower Upper

149 100

91 69.4 57.7 86.5

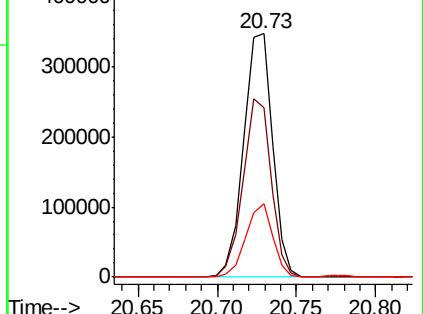
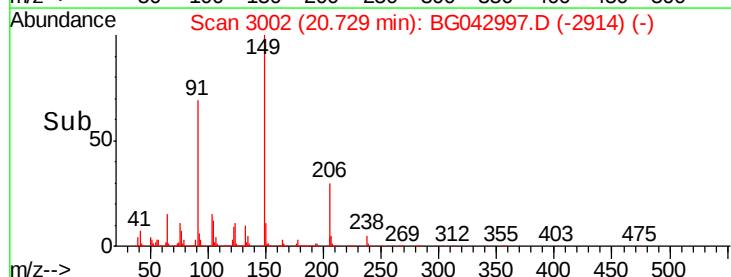
206 30.2 22.6 33.8

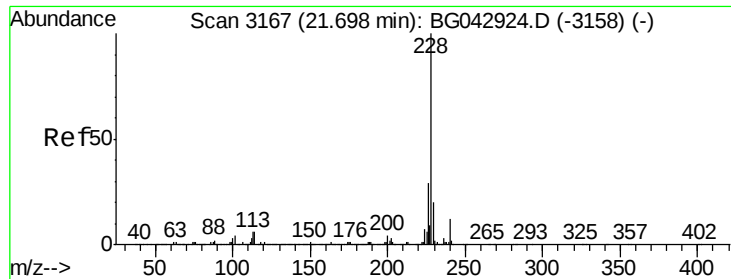


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



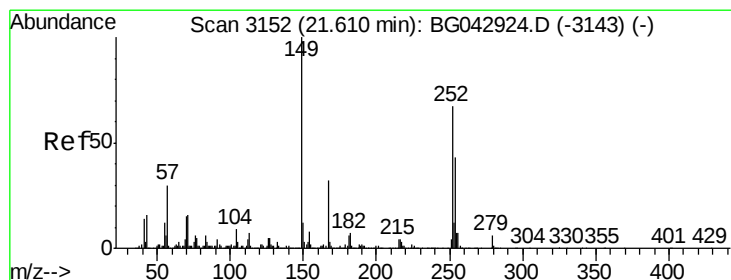
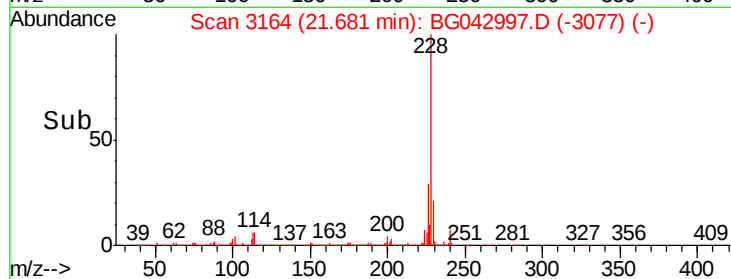
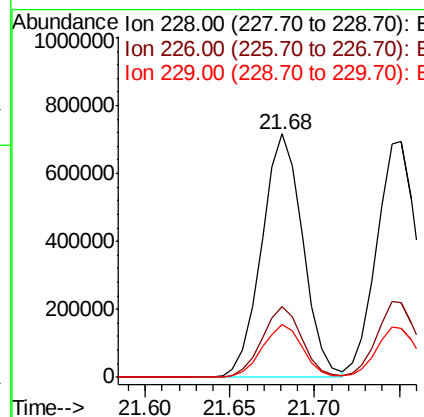
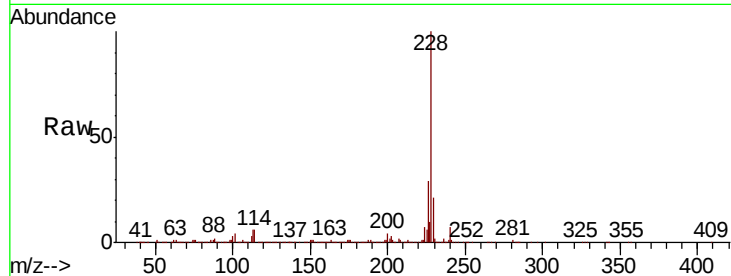


#81
Benzo(a)anthracene
Concen: 42.210 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Instrument :
BNA_G
ClientSampleID :
S-1MS

Tot Ion:228 Resp: 1211052

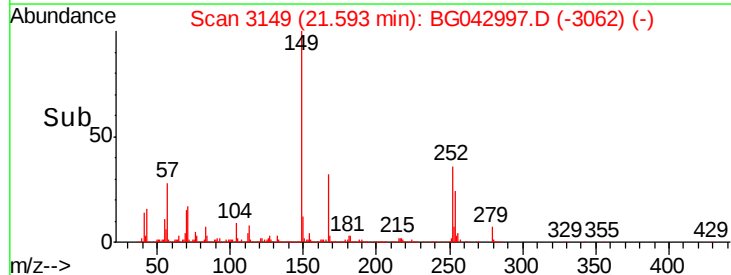
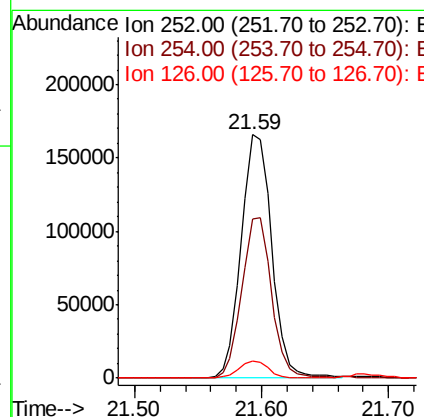
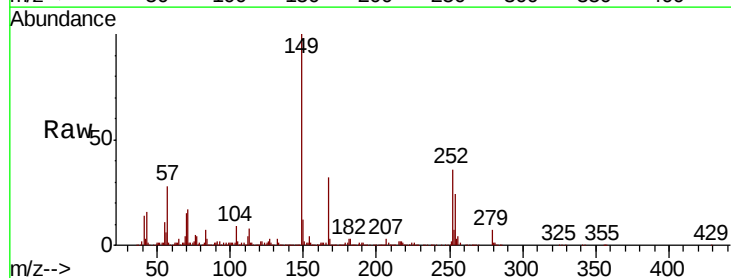
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	21.5	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 24.686 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion:252 Resp: 277789

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	6.7	6.1	9.1





#83

Chrysene

Concen: 41.754 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

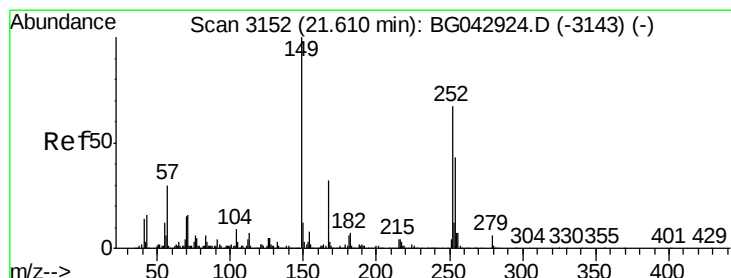
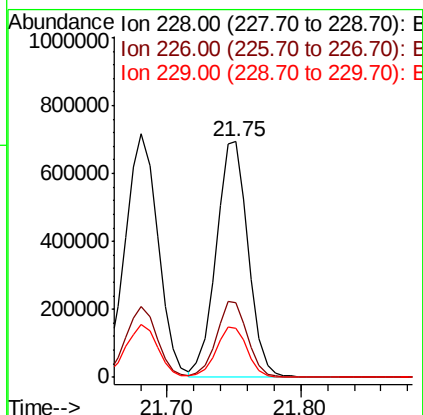
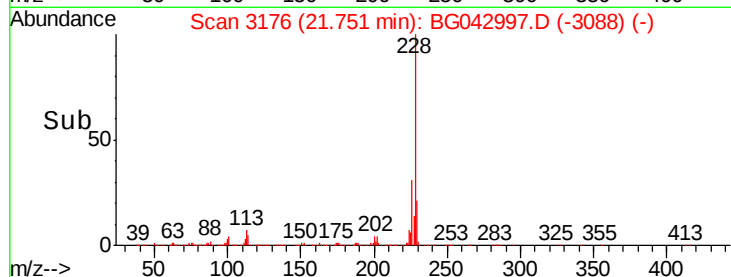
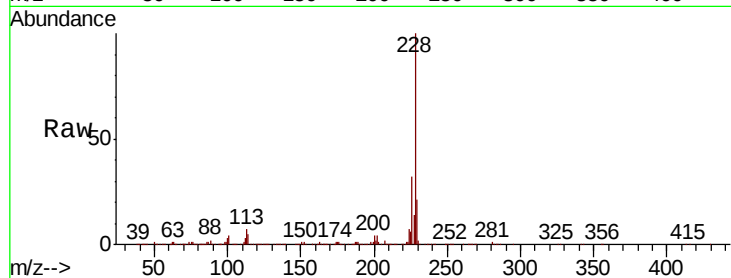
Tot Ion:228 Resp: 1162544

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	20.9	16.9	25.3

228 100

226 31.5 25.6 38.4

229 20.9 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.678 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

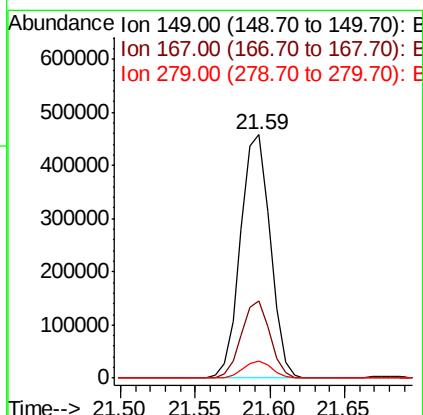
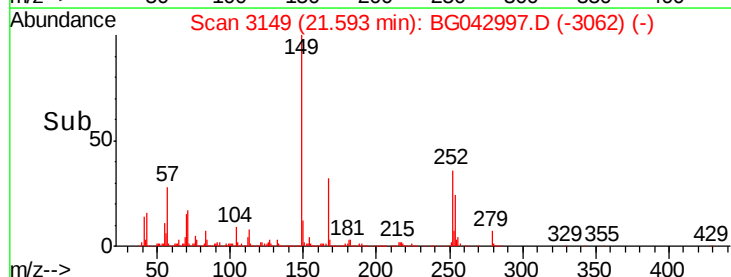
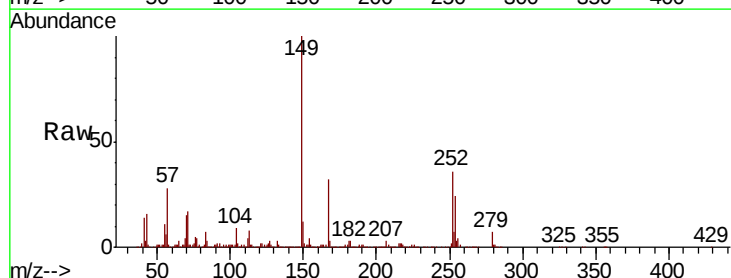
Tgt Ion:149 Resp: 633513

Ion	Ratio	Lower	Upper
149	100		
167	31.8	25.4	38.2
279	7.1	5.1	7.7

149 100

167 31.8 25.4 38.2

279 7.1 5.1 7.7

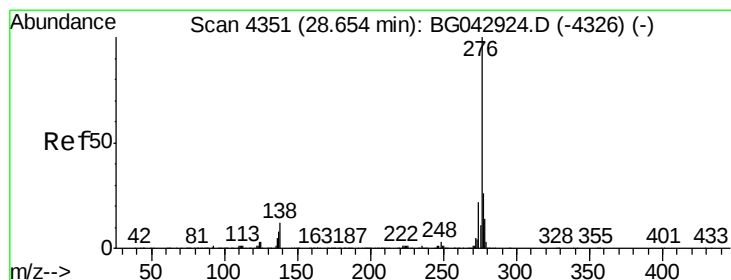
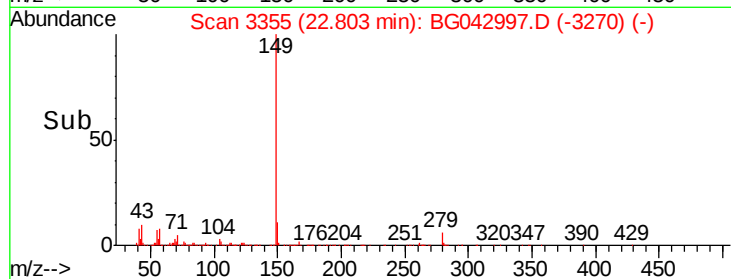
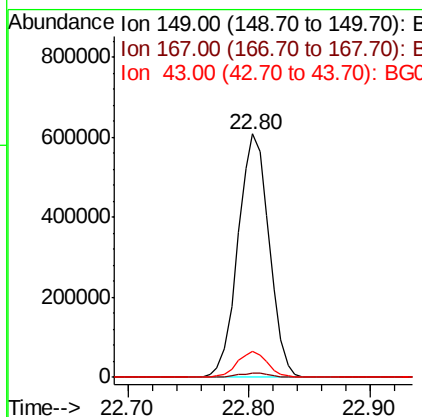
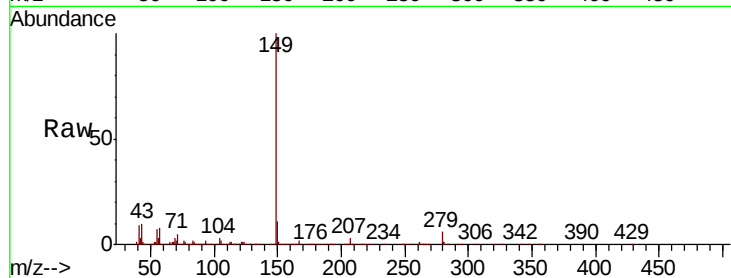




#85
Di-n-octyl phthalate
Concen: 44.811 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.03 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

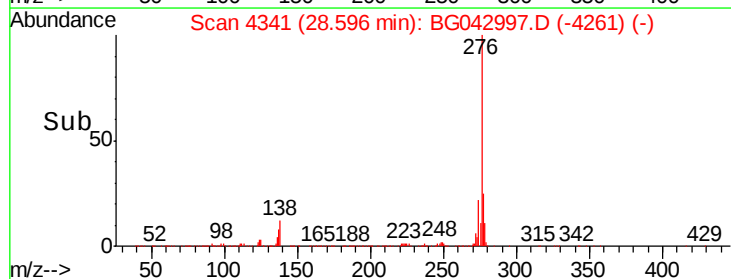
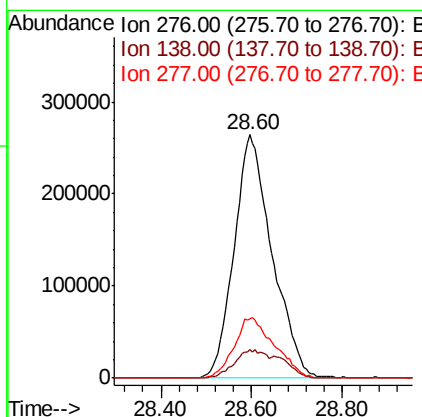
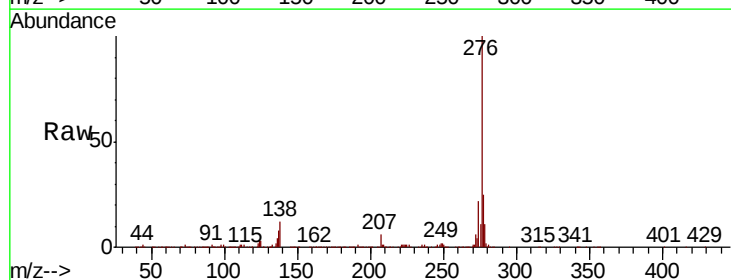
Instrument :
BNA_G
ClientSampleId :
S-1MS

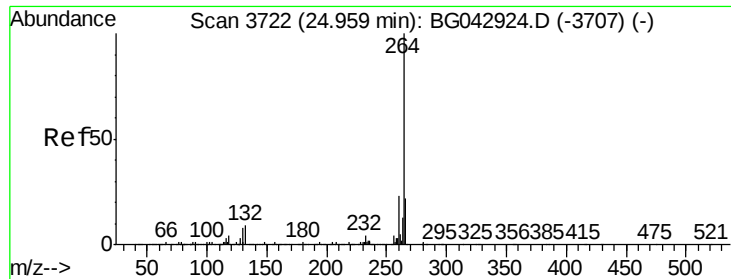
Tot Ion:149 Resp: 1087719
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.2 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.396 ng
RT: 28.60 min Scan# 4341
Delta R.T. -0.06 min
Lab File: BG042997.D
Acq: 2 Oct 2019 22:57

Tgt Ion:276 Resp: 1538864
Ion Ratio Lower Upper
276 100
138 10.0 7.0 10.6
277 26.3 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

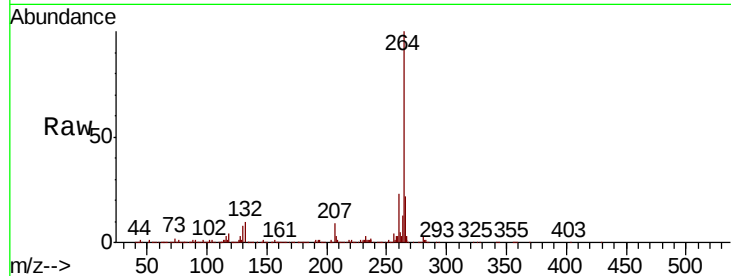
Tot Ion:264 Resp: 547555

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

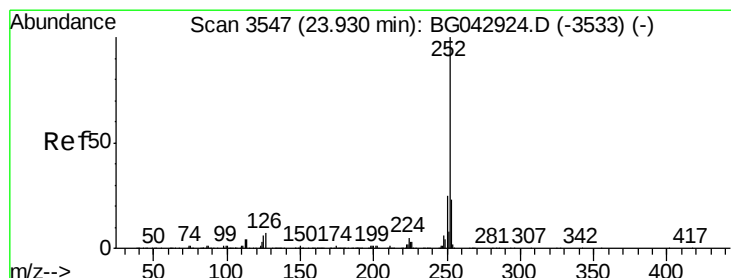
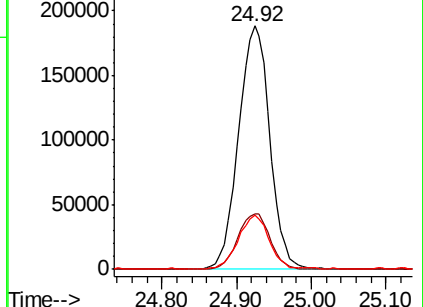
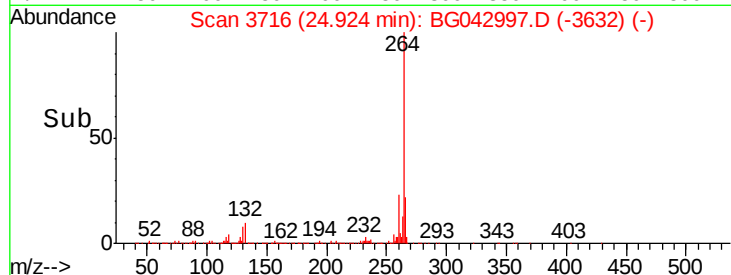
265 22.1 17.7 26.5



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: 42.523 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.03 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

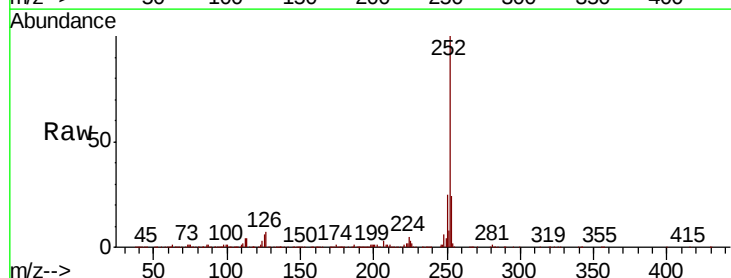
Tgt Ion:252 Resp: 1317454

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

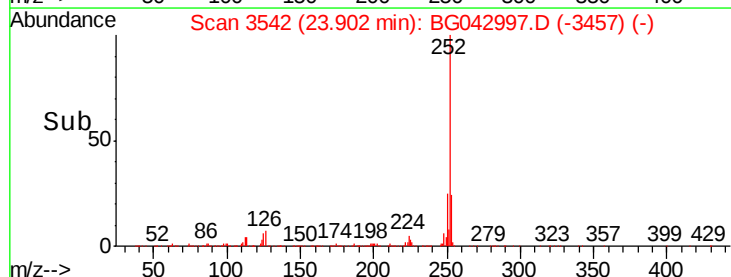
125 5.6 4.6 7.0

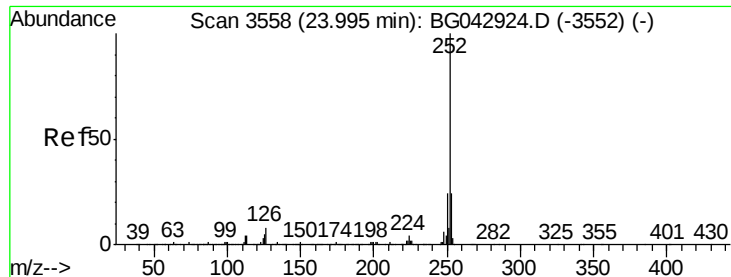


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.588 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.02 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

BNA_G

ClientSampleId :

S-1MS

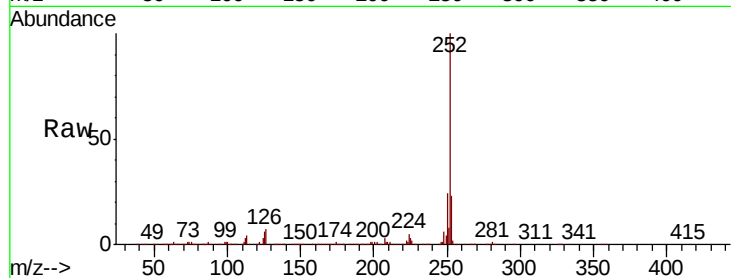
Tot Ion:252 Resp: 1274657

Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

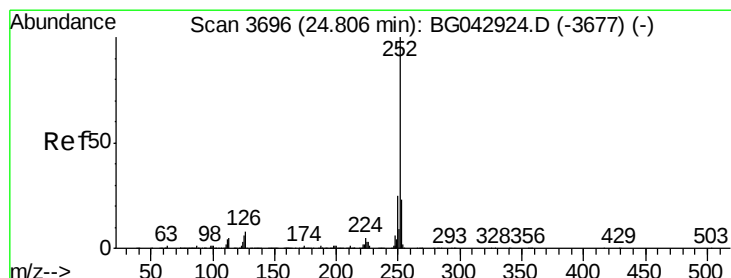
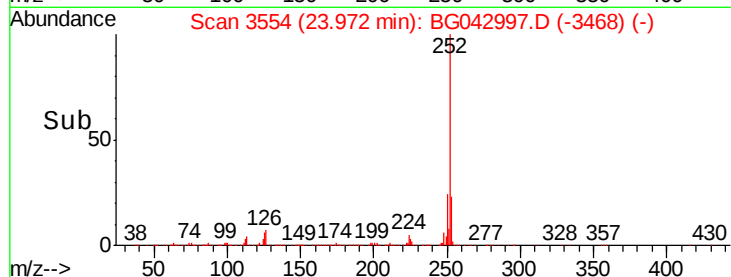
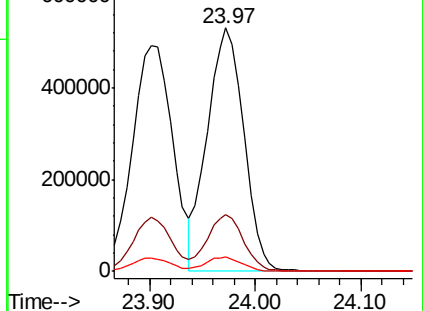
125 5.7 4.5 6.7



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: 43.607 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.03 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

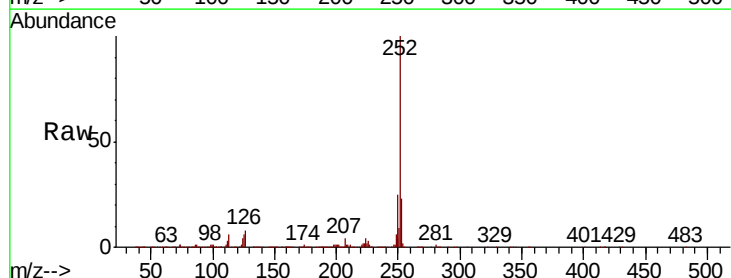
Tgt Ion:252 Resp: 1274656

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

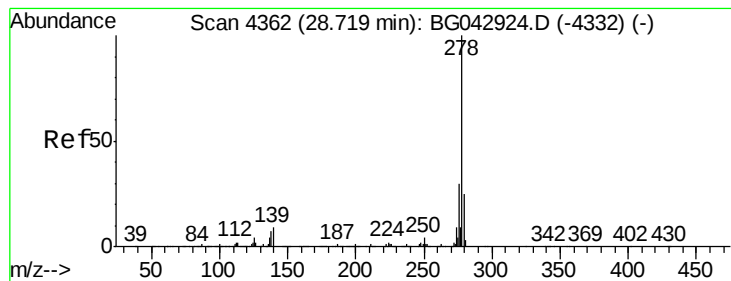
125 6.0 5.0 7.6



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: 43.257 ng

RT: 28.67 min Scan# 4353

Delta R.T. -0.05 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Instrument :

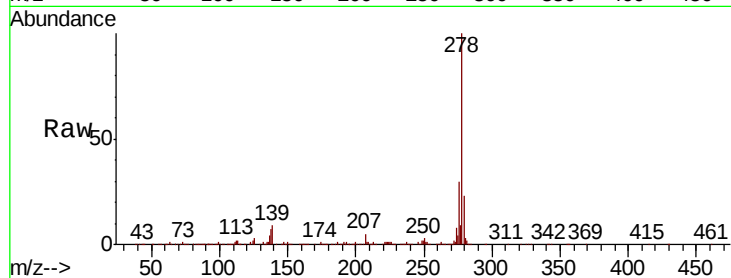
BNA_G

ClientSampleId :

S-1MS

Tot Ion:278 Resp: 1296550

Ion	Ratio	Lower	Upper
278	100		
139	8.9	6.8	10.2
279	23.3	20.1	30.1

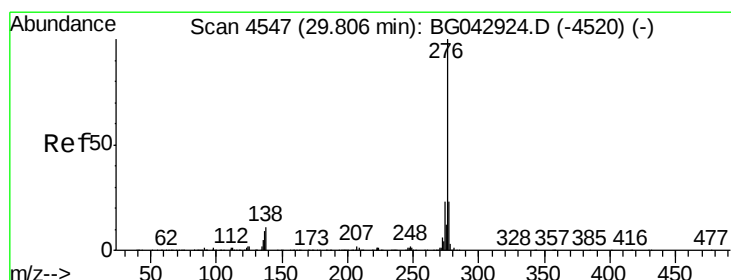
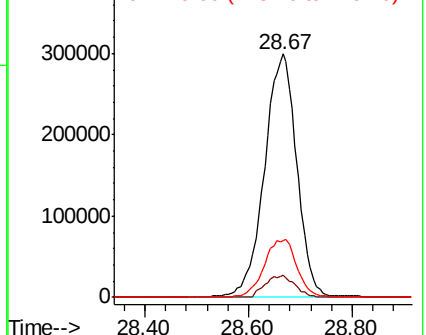
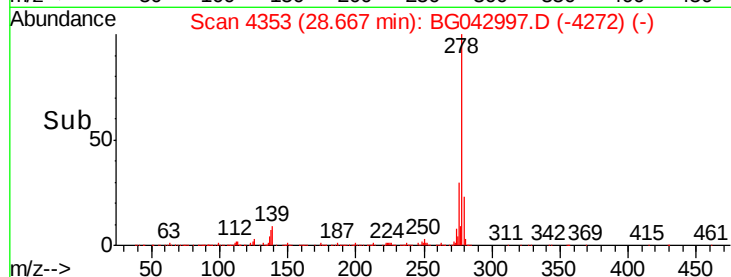


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.398 ng

RT: 29.75 min Scan# 4537

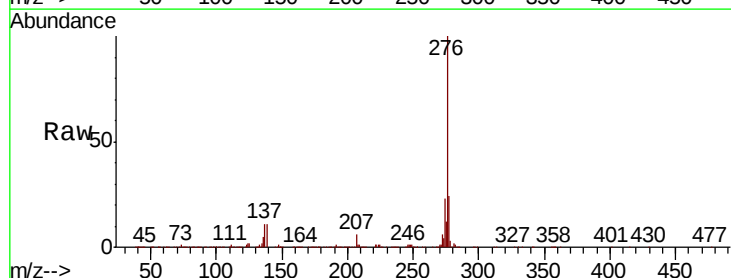
Delta R.T. -0.06 min

Lab File: BG042997.D

Acq: 2 Oct 2019 22:57

Tgt Ion:276 Resp: 1289391

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	11.3	8.6	12.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E