

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042998.D
 Acq On : 2 Oct 2019 23:35
 Operator : JU
 Sample : K5133-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Quant Time: Oct 03 04:29:06 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	63758	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	235526	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	170107	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	412716	20.00	ng	0.00
76) Chrysene-d12	21.70	240	446566	20.00	ng	-0.01
87) Perylene-d12	24.93	264	529910	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	466194	130.49	ng	0.00
7) Phenol-d6	7.24	99	674947	131.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	423161	87.33	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	406768	139.06	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	972758	82.90	ng	-0.01
79) Terphenyl-d14	20.04	244	1769849	84.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	56463	37.906	ng	96
3) Pyridine	3.95	79	147838	35.288	ng	95
4) n-Nitrosodimethylamine	3.86	42	89728	44.537	ng	87
6) Aniline	7.40	93	199223	32.079	ng	99
8) 2-Chlorophenol	7.64	128	187298	50.271	ng	97
9) Benzaldehyde	7.21	77	123293	39.217	ng	92
10) Phenol	7.27	94	248532	52.653	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	163738	44.833	ng	96
12) 1,3-Dichlorobenzene	7.96	146	212406	44.690	ng	96
13) 1,4-Dichlorobenzene	8.11	146	212872	44.928	ng	96
14) 1,2-Dichlorobenzene	8.42	146	205196	45.489	ng	97
15) Benzyl Alcohol	8.31	79	188083	48.625	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	270190	38.523	ng	99
17) 2-Methylphenol	8.52	107	161350	48.853	ng	95
18) Hexachloroethane	9.15	117	78364	43.916	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	149268	44.185	ng	# 96
20) 3+4-Methylphenols	8.84	107	222062	49.062	ng	97
22) Acetophenone	8.89	105	281103	46.302	ng	# 97
24) Nitrobenzene	9.27	77	231156	50.012	ng	97
25) Isophorone	9.79	82	414345	48.680	ng	99
26) 2-Nitrophenol	9.98	139	109532	55.668	ng	97
27) 2,4-Dimethylphenol	10.05	122	179203	59.306	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	227279	47.063	ng	98
29) 2,4-Dichlorophenol	10.52	162	208759	55.550	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	235645	48.556	ng	97
31) Naphthalene	10.92	128	585510	50.501	ng	99
32) Benzoic acid	10.19	122	126998	52.879	ng	91
33) 4-Chloroaniline	11.03	127	113500	22.560	ng	94
34) Hexachlorobutadiene	11.21	225	168240	46.299	ng	95
35) Caprolactam	11.81	113	38080	28.734	ng	# 91
36) 4-Chloro-3-methylphenol	12.15	107	223664	54.738	ng	94
37) 2-Methylnaphthalene	12.52	142	439784	49.722	ng	95
38) 1-Methylnaphthalene	12.74	142	419761	50.155	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	292377	45.713	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	351434	86.238	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	195767	52.295	ng	94
44) 2,4,5-Trichlorophenol	13.20	196	212494	55.101	ng	99
46) 1,1'-Biphenyl	13.52	154	606090	46.984	ng	98
47) 2-Chloronaphthalene	13.57	162	479145	49.541	ng	99
48) 2-Nitroaniline	13.77	65	155192	48.252	ng	90
49) Acenaphthylene	14.41	152	769596	52.002	ng	99
50) Dimethylphthalate	14.15	163	747001	58.609	ng	100
51) 2,6-Dinitrotoluene	14.26	165	144253	53.147	ng	96
52) Acenaphthene	14.75	154	477158	48.169	ng	98
53) 3-Nitroaniline	14.59	138	92110	32.837	ng	# 99
54) 2,4-Dinitrophenol	14.79	184	168432	99.834	ng	94
55) Dibenzofuran	15.09	168	748583	51.085	ng	98
56) 4-Nitrophenol	14.91	139	235966	110.406	ng	95
57) 2,4-Dinitrotoluene	15.05	165	207470	52.197	ng	98
58) Fluorene	15.73	166	630504	50.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	214223	52.172	ng	98
60) Diethylphthalate	15.50	149	622679	48.005	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	368236	49.078	ng	99
62) 4-Nitroaniline	15.76	138	150717	49.266	ng	94
63) Azobenzene	16.02	77	572188	48.452	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	126432	54.137	ng	94
66) n-Nitrosodiphenylamine	15.94	169	563233	51.696	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	257092	49.632	ng	96
68) Hexachlorobenzene	16.74	284	283374	49.132	ng	98
69) Atrazine	16.88	200	218227	47.566	ng	96
70) Pentachlorophenol	17.08	266	367990	110.573	ng	98
71) Phenanthrene	17.47	178	1018629	50.555	ng	98
72) Anthracene	17.57	178	1038881	51.647	ng	99
73) Carbazole	17.84	167	949023	50.878	ng	100
74) Di-n-butylphthalate	18.39	149	1080527	48.551	ng	99
75) Fluoranthene	19.48	202	1323973	49.679	ng	100
77) Benzidine	19.66	184	717894	64.203	ng	99
78) Pyrene	19.84	202	1327929	49.821	ng	98
80) Butylbenzylphthalate	20.73	149	510568	50.466	ng	98
81) Benzo(a)anthracene	21.68	228	1377017	49.488	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	350386	32.106	ng	99
83) Chrysene	21.75	228	1337190	49.521	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	736276	51.144	ng	97
85) Di-n-octyl phthalate	22.81	149	1242976	52.801	ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1778249	52.900	ng	99
88) Benzo(b)fluoranthene	23.91	252	1465281	48.869	ng	98
89) Benzo(k)fluoranthene	23.97	252	1433325	48.322	ng	99
90) Benzo(a)pyrene	24.78	252	1461941	51.680	ng	100
91) Dibenzo(a,h)anthracene	28.66	278	1507872	51.982	ng	99
92) Benzo(g,h,i)perylene	29.75	276	1488958	52.977	ng	98

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

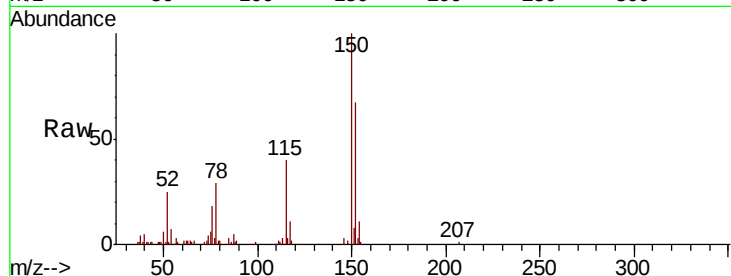


#1

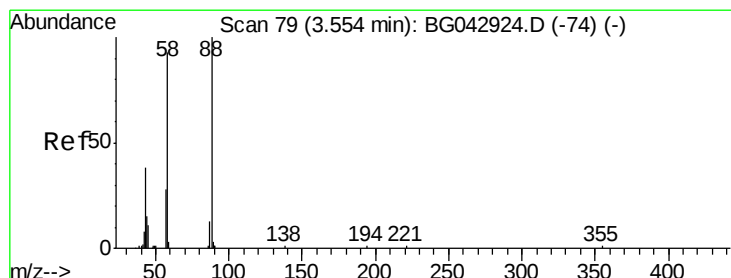
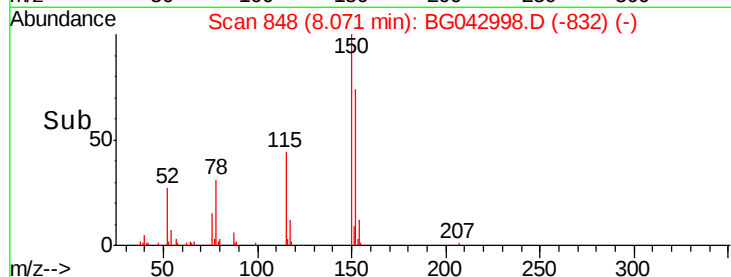
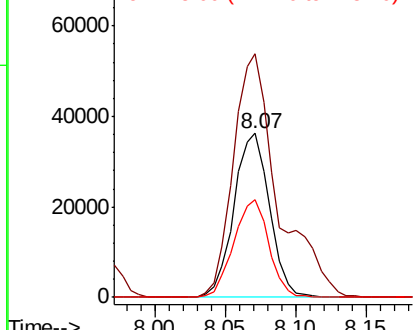
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion:152 Resp: 63758
Ion Ratio Lower Upper
152 100
150 148.7 115.0 172.4
115 59.7 47.0 70.6



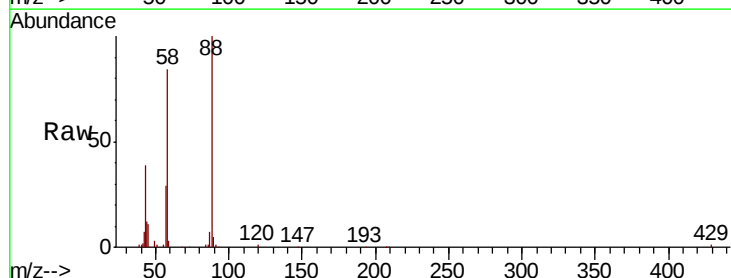
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



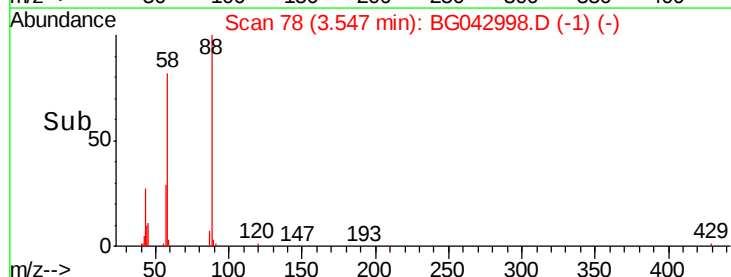
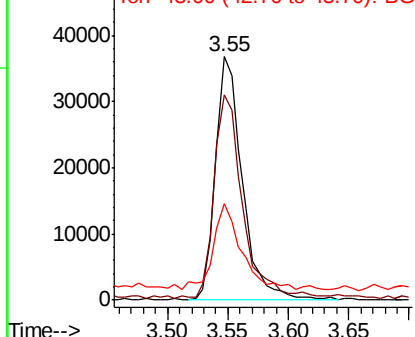
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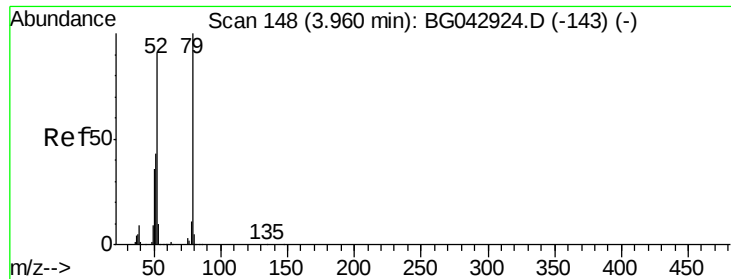
1,4-Dioxane
Concen: 37.906 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion: 88 Resp: 56463
Ion Ratio Lower Upper
88 100
58 87.4 74.3 111.5
43 37.5 29.8 44.8



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





#3

Pvridine

Concen: 35.288 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampled :

S-1MSD

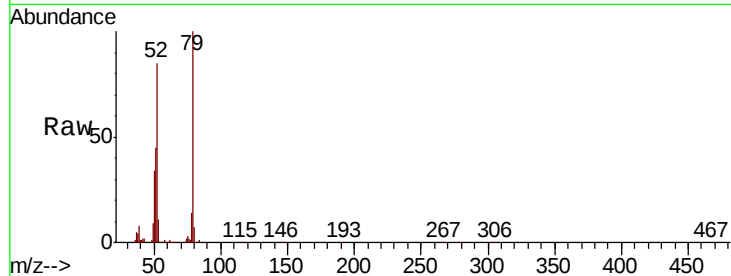
Tot Ion: 79 Resp: 147838

Ion Ratio Lower Upper

79 100

52 85.4 73.0 109.4

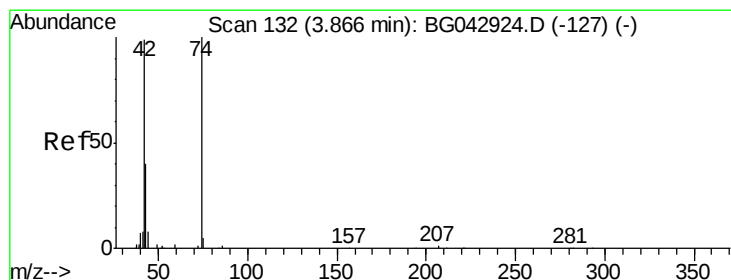
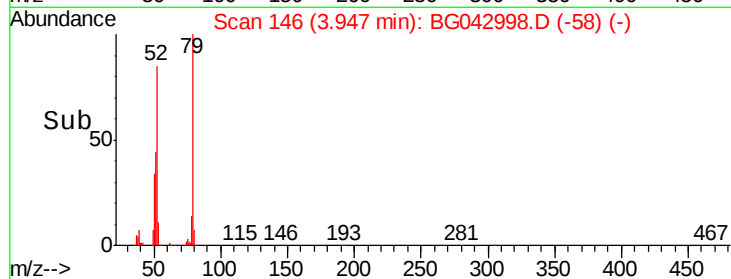
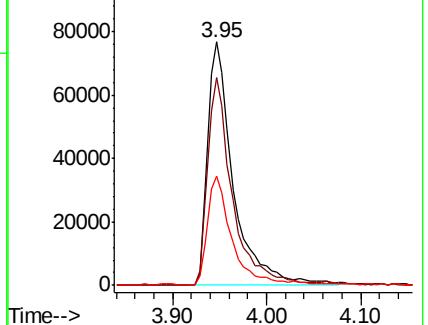
51 44.9 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.537 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

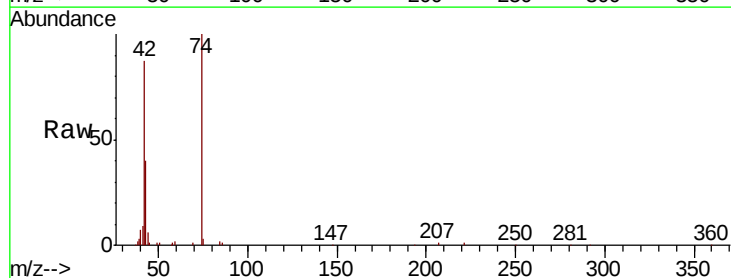
Tgt Ion: 42 Resp: 89728

Ion Ratio Lower Upper

42 100

74 114.6 80.5 120.7

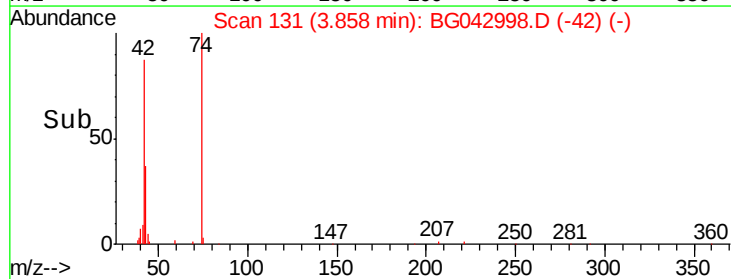
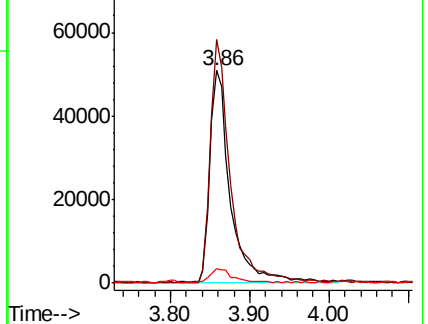
44 6.9 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 130.490 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

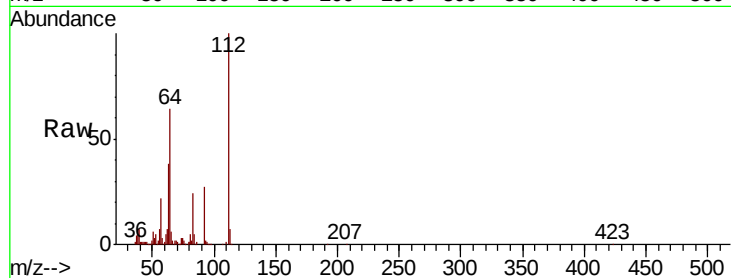
Tot Ion:112 Resp: 466194

Ion Ratio Lower Upper

112 100

64 63.9 56.6 84.8

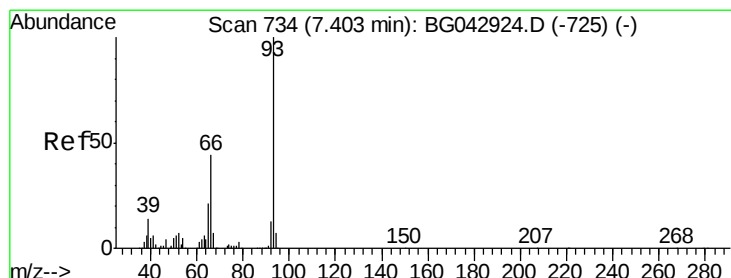
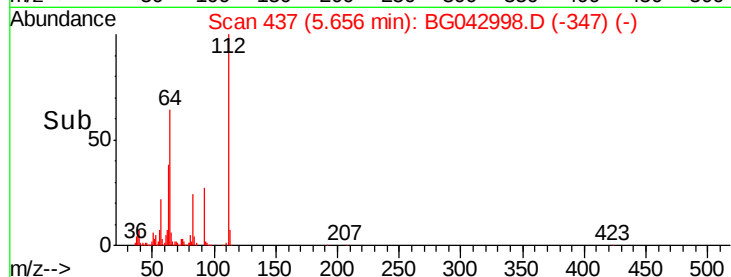
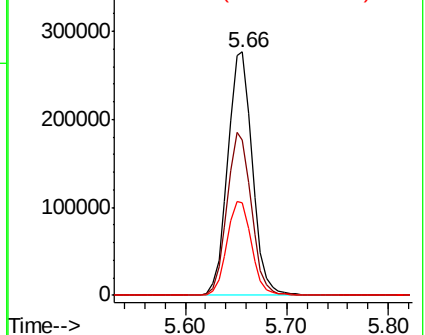
63 37.9 35.1 52.7



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: 32.079 ng

RT: 7.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

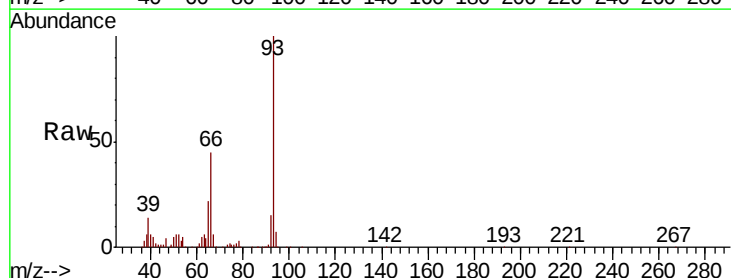
Tgt Ion: 93 Resp: 199223

Ion Ratio Lower Upper

93 100

66 44.9 35.0 52.6

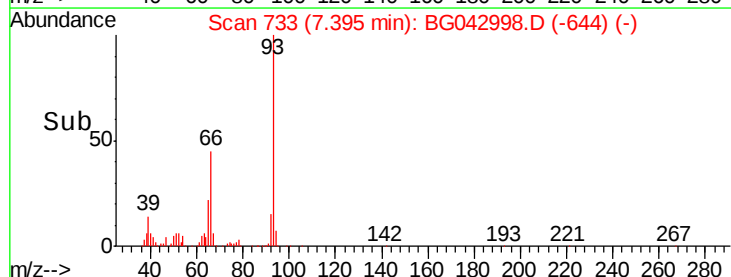
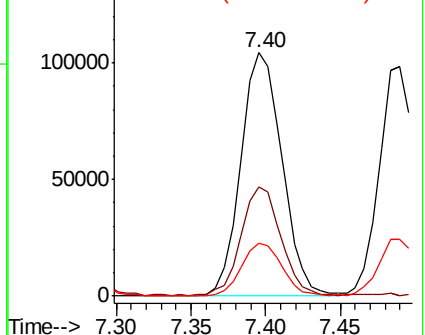
65 21.5 17.4 26.0

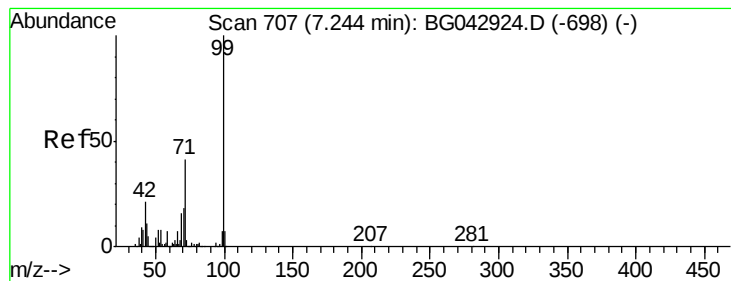


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.190 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

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ClientSampleId :

S-1MSD

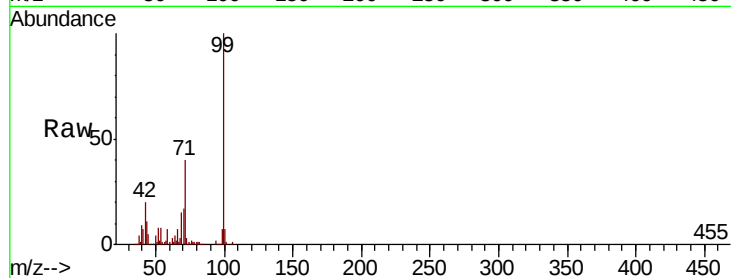
Tot Ion: 99 Resp: 674947

Ion Ratio Lower Upper

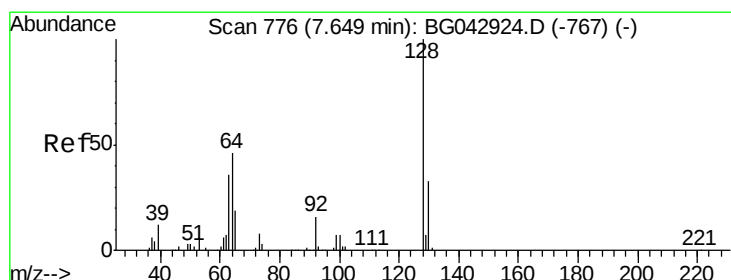
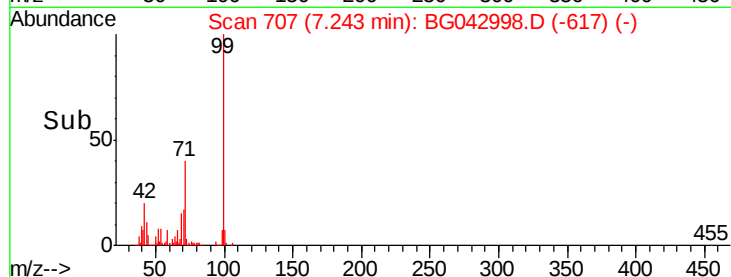
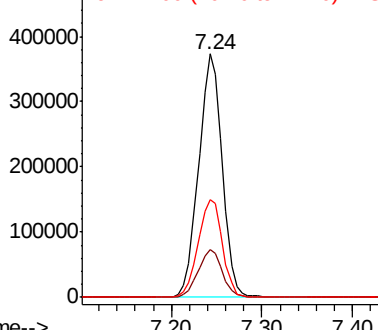
99 100

42 19.9 17.2 25.8

71 40.0 33.1 49.7



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



#8

2-Chlorophenol

Concen: 50.271 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

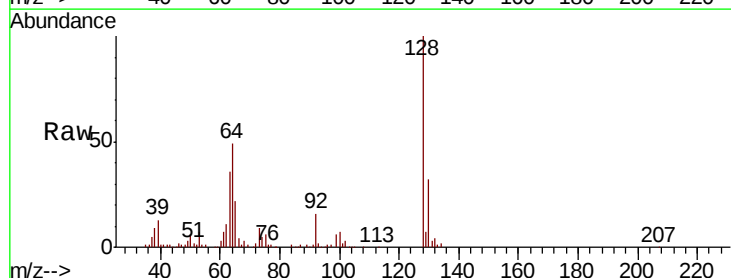
Tgt Ion: 128 Resp: 187298

Ion Ratio Lower Upper

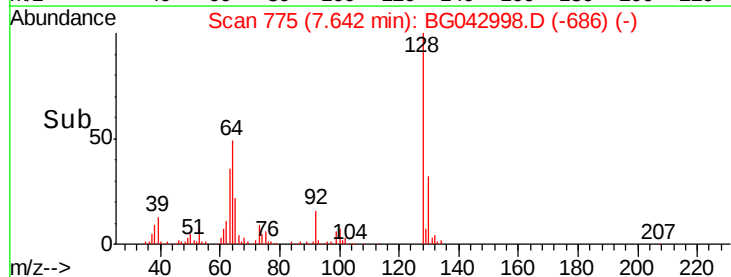
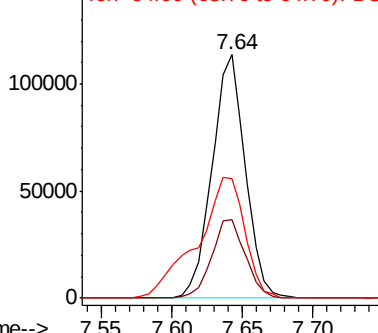
128 100

130 32.0 12.5 52.5

64 49.3 32.8 72.8



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





#9

Benzaldehyde

Concen: 39.217 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042998.D

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ClientSampleId :

S-1MSD

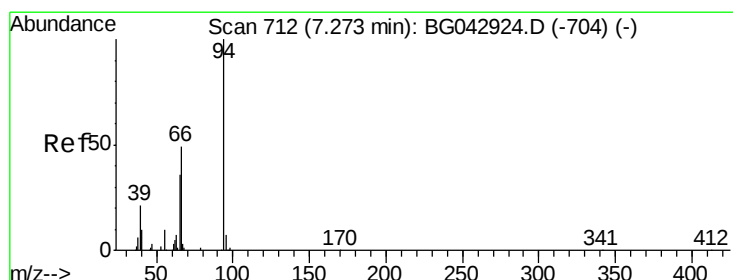
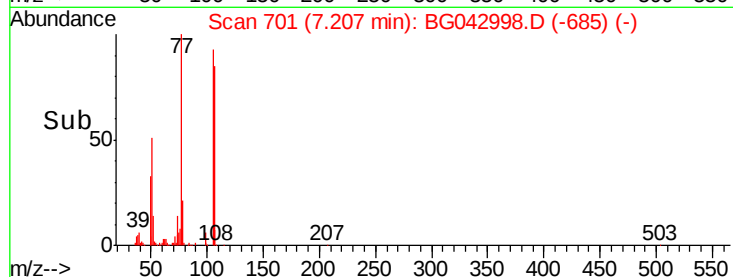
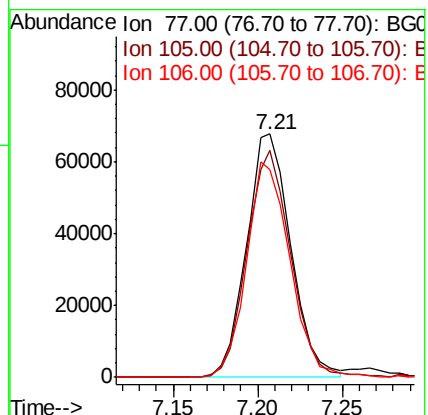
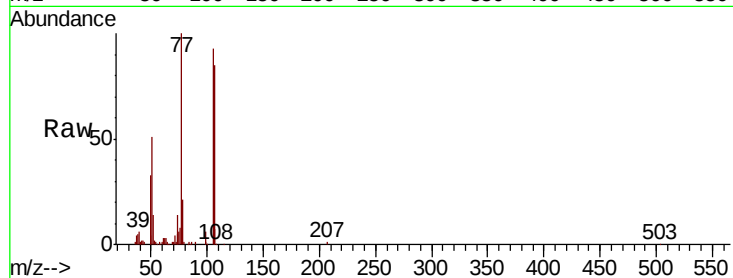
Tot Ion: 77 Resp: 123293

Ion Ratio Lower Upper

77 100

105 93.3 64.6 104.6

106 85.3 59.4 99.4



#10

Phenol

Concen: 52.653 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

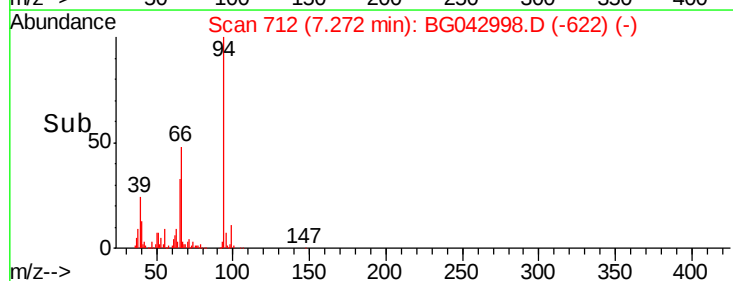
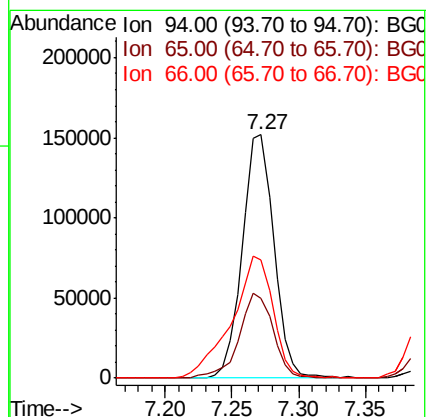
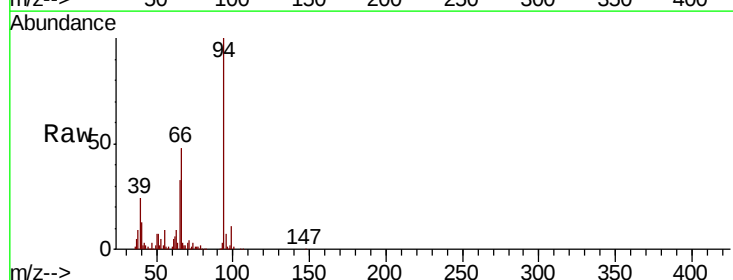
Tgt Ion: 94 Resp: 248532

Ion Ratio Lower Upper

94 100

65 32.7 16.6 56.6

66 48.4 32.4 72.4

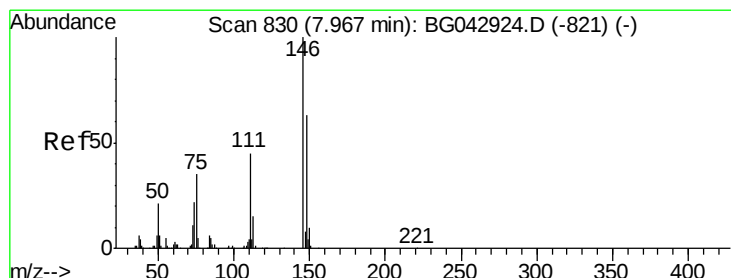
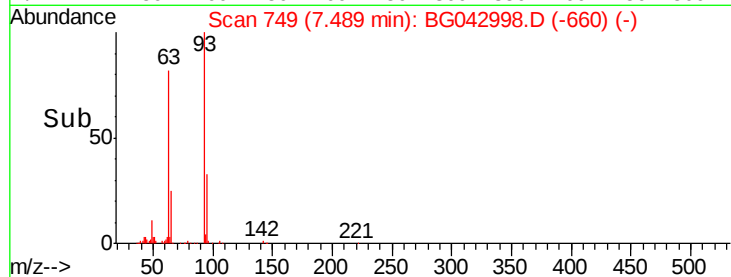
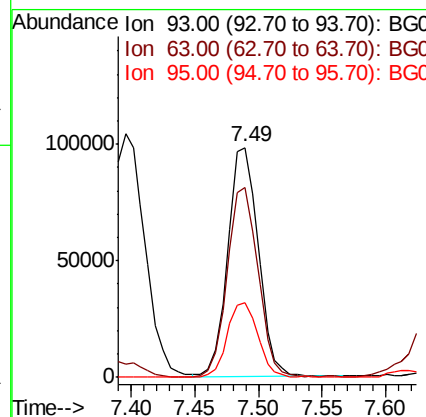
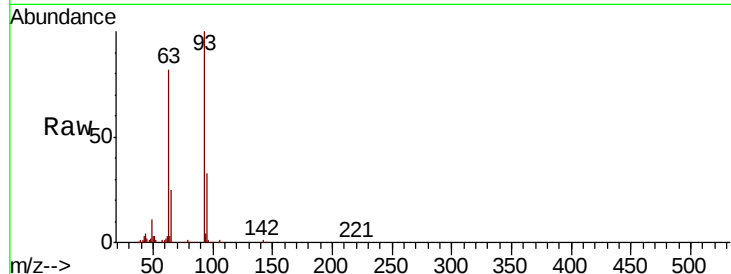




#11
 bis(2-Chloroethyl)ether
 Concen: 44.833 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

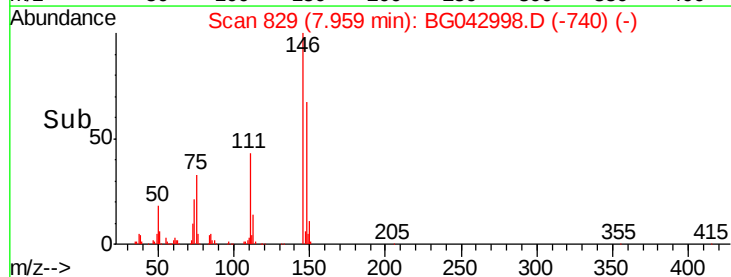
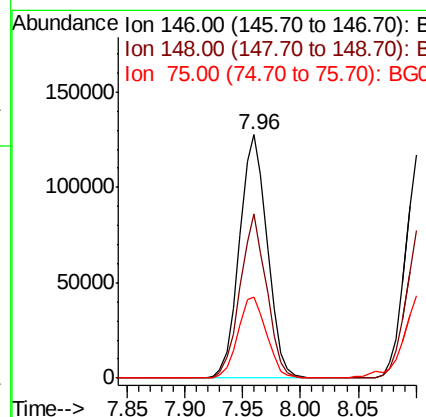
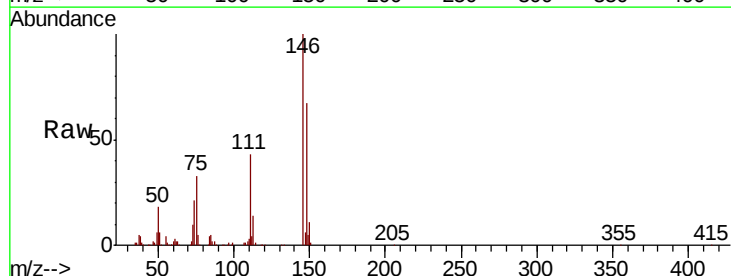
Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

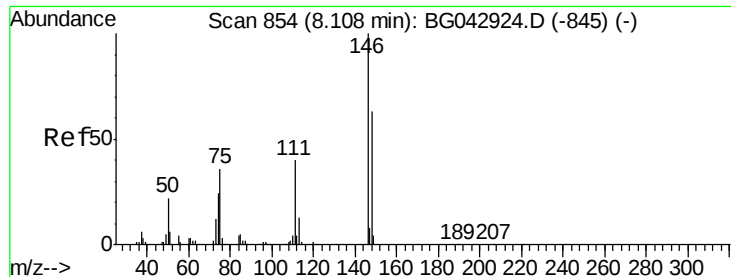
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	67.4	107.4
95	32.5	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 44.690 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.7	76.1
75	33.0	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 44.928 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

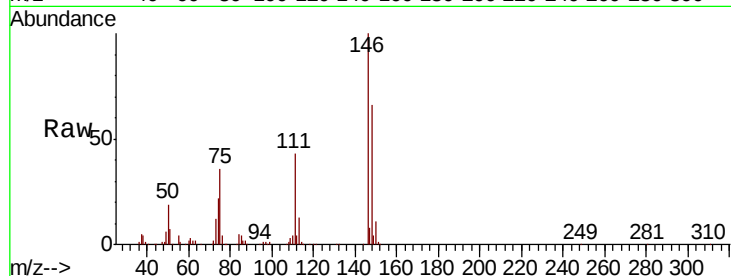
Tot Ion:146 Resp: 212872

Ion Ratio Lower Upper

146 100

148 65.9 50.9 76.3

111 43.1 31.8 47.8

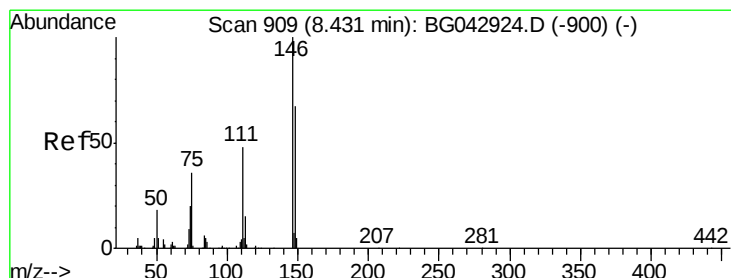
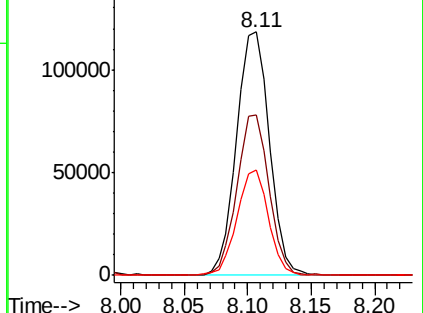
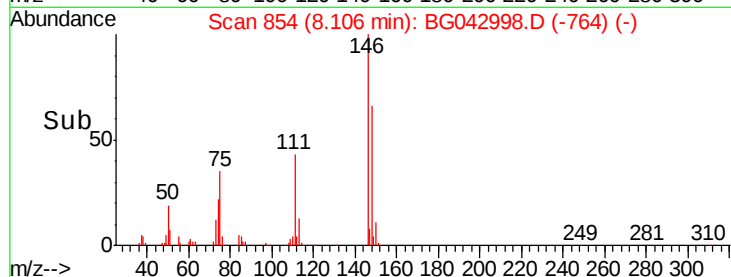


Abundance

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: 45.489 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

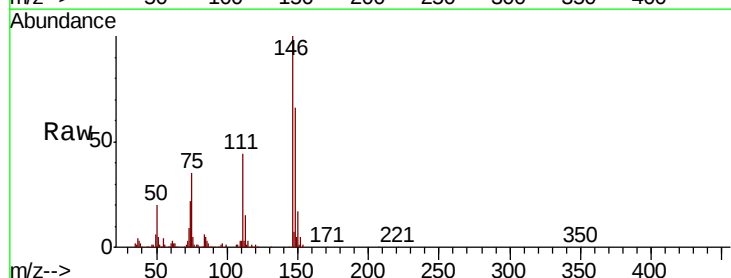
Tgt Ion:146 Resp: 205196

Ion Ratio Lower Upper

146 100

148 66.4 53.4 80.2

111 43.8 38.5 57.7

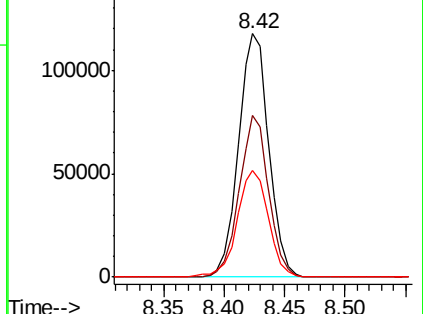
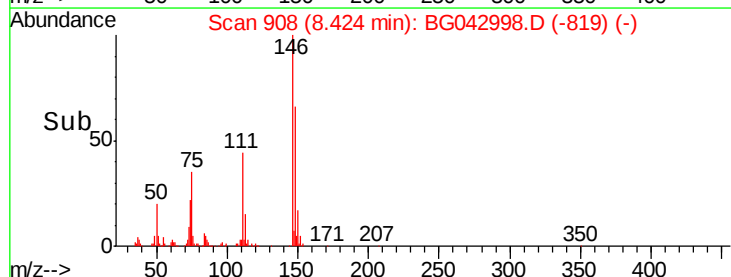


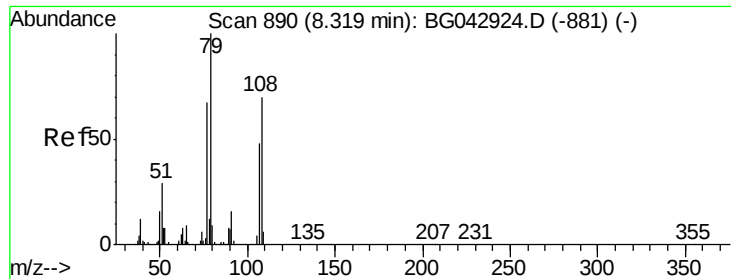
Abundance

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

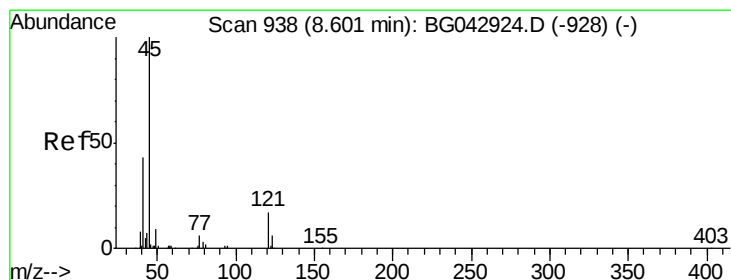
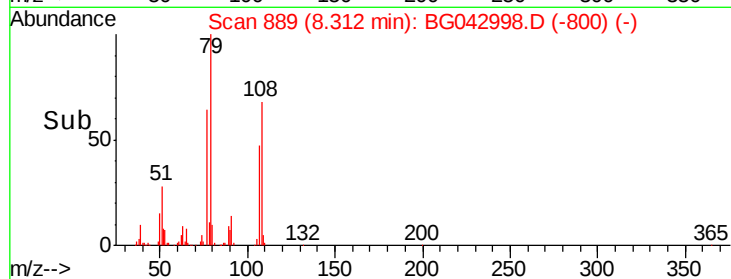
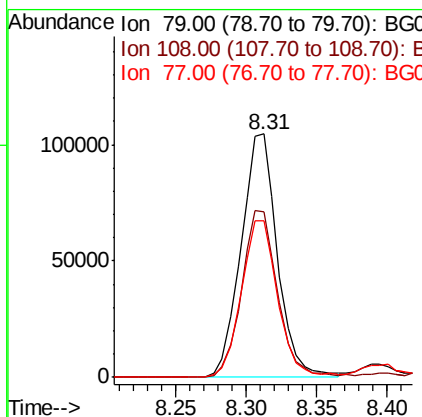
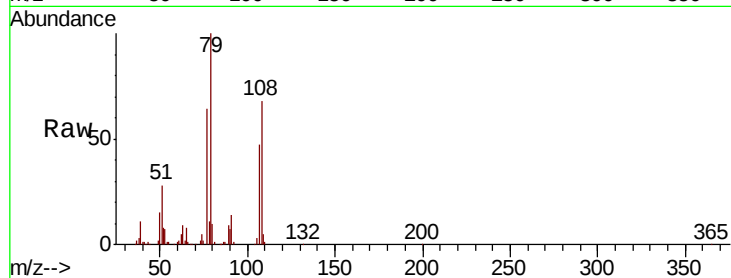




#15
Benzyl Alcohol
Concen: 48.625 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

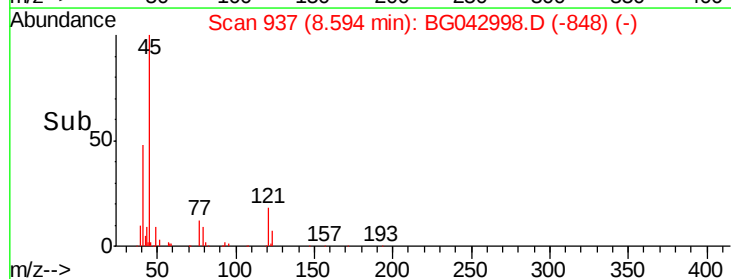
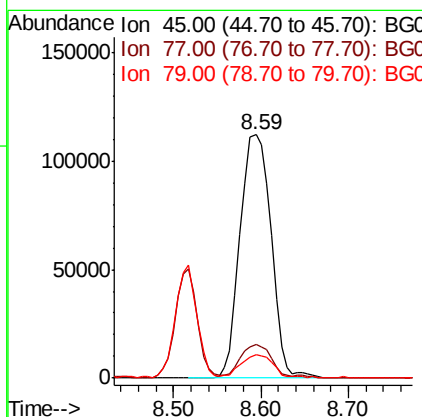
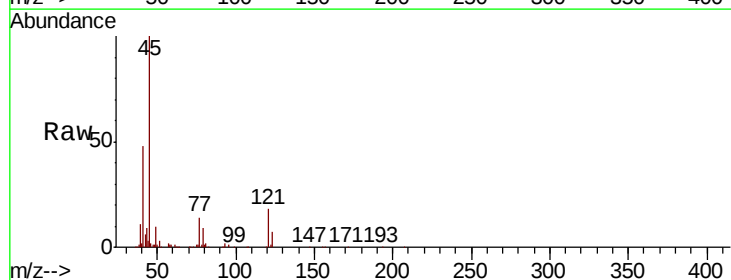
Instrument :
BNA_G
ClientSampleId :
S-1MSD

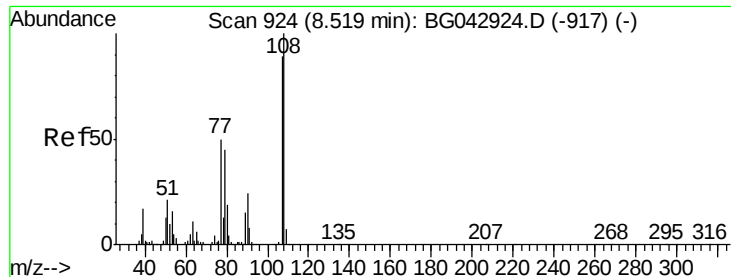
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.0	55.7	83.5
77	64.4	53.3	79.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.523 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.8
79	9.4	0.0	29.4





#17

2-Methylphenol

Concen: 48.853 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

Tot Ion:107 Resp: 161350

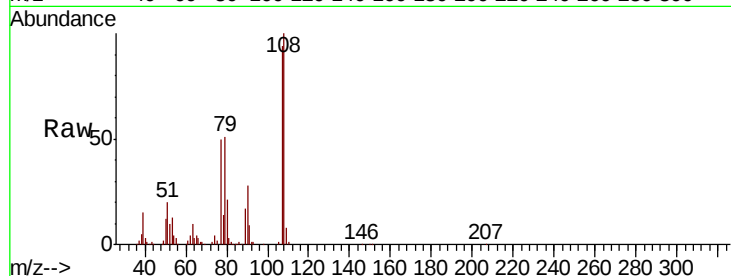
Ion Ratio Lower Upper

107 100

108 106.6 89.9 134.9

77 52.8 45.4 68.2

79 54.8 41.4 62.0

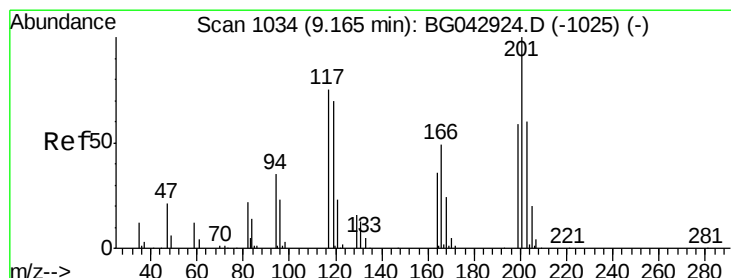
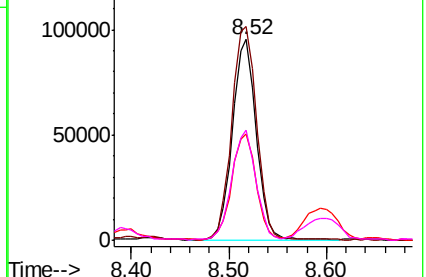
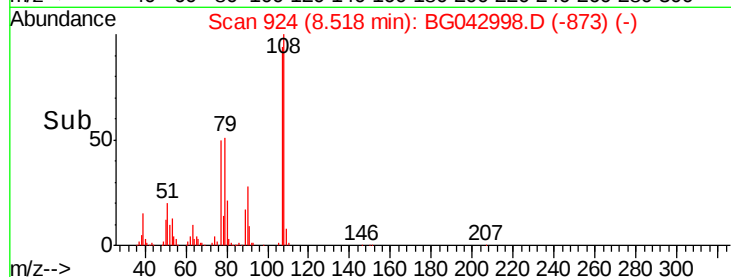


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.916 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

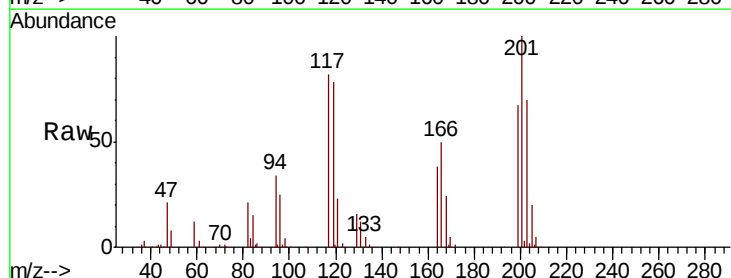
Tgt Ion:117 Resp: 78364

Ion Ratio Lower Upper

117 100

119 94.9 74.6 111.8

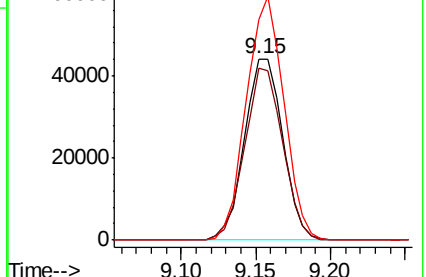
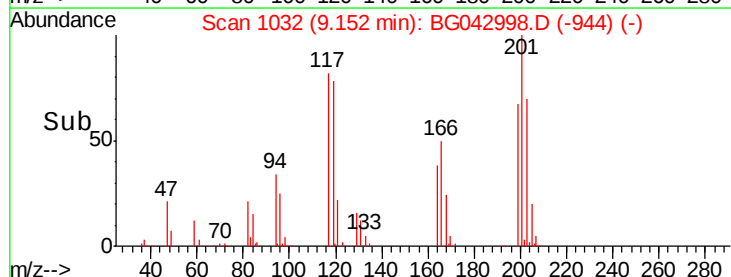
201 122.0 106.0 159.0

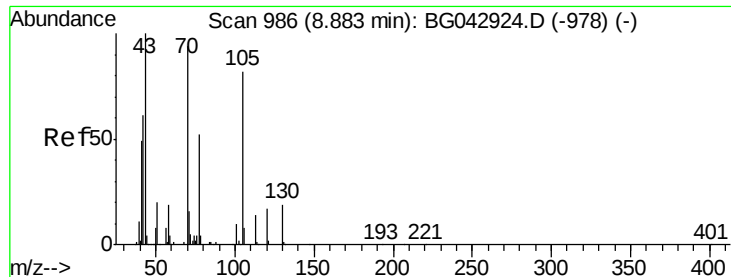


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

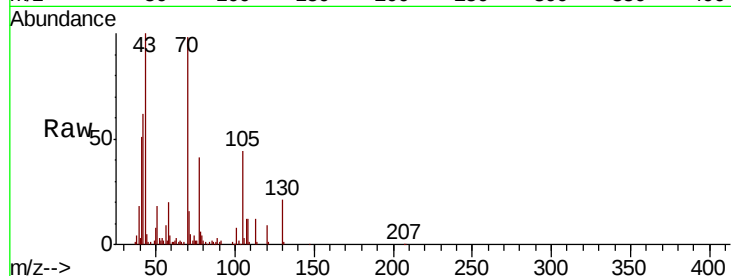




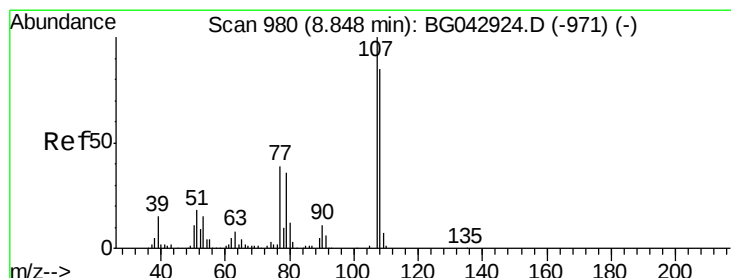
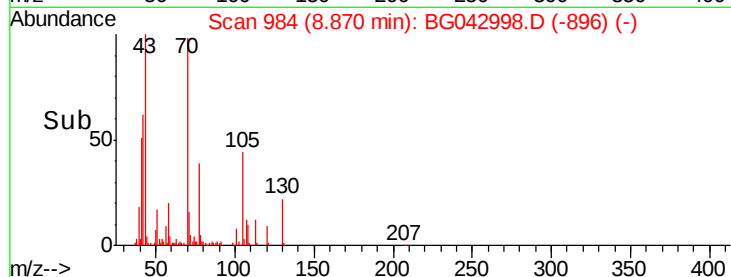
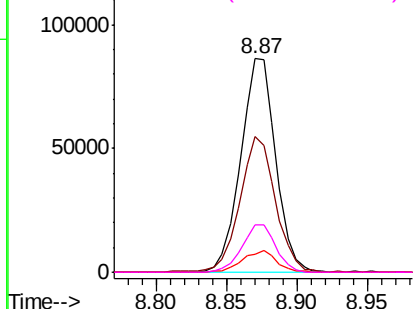
#19
n-Nitroso-di-n-propylamine
Concen: 44.185 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion: 70 Resp: 149268
Ion Ratio Lower Upper
70 100
42 63.5 52.6 79.0
101 8.6 8.7 13.1#
130 22.0 15.8 23.8

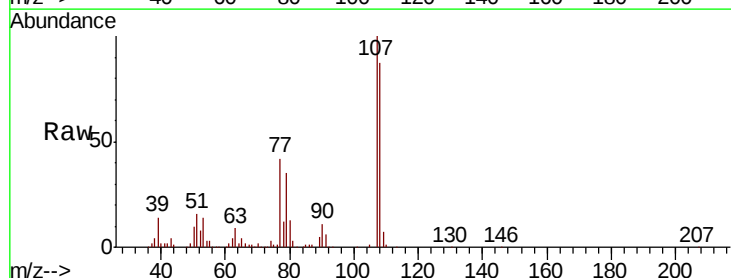


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

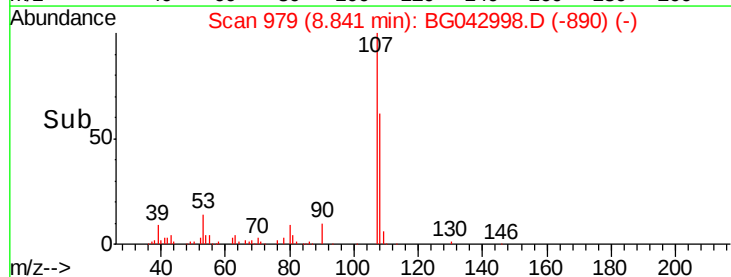
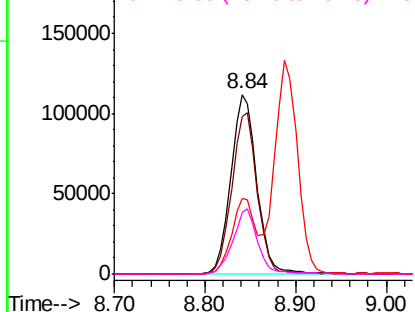


#20
3+4-Methylphenols
Concen: 49.062 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:107 Resp: 222062
Ion Ratio Lower Upper
107 100
108 87.4 64.9 104.9
77 41.8 19.4 59.4
79 34.6 16.2 56.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

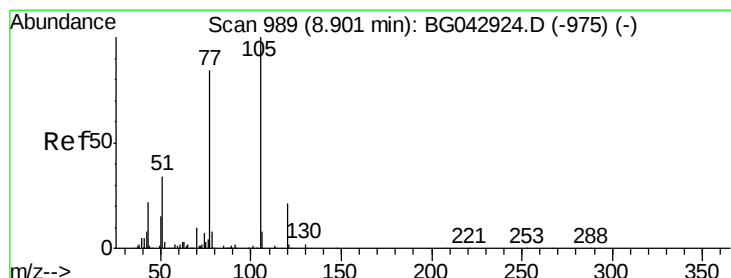
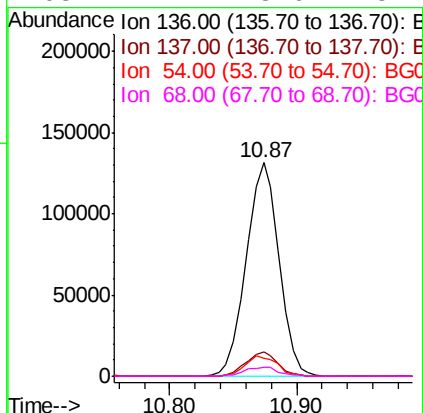
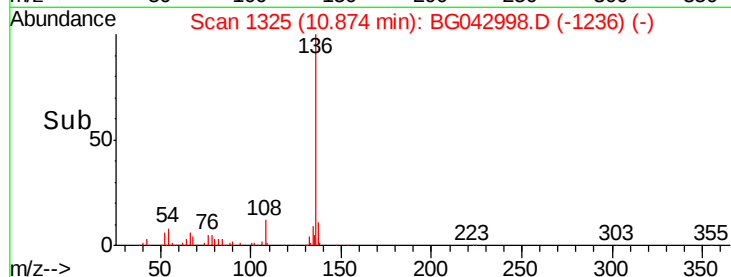
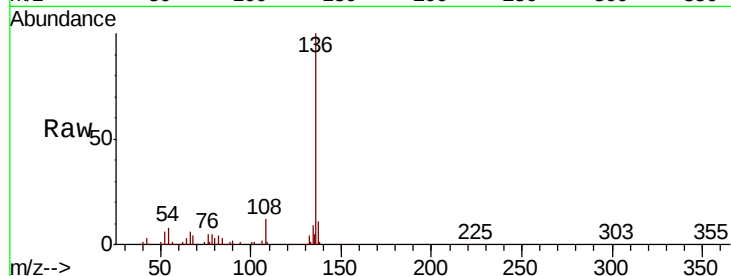




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

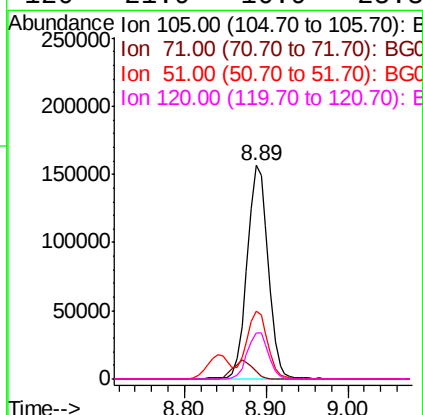
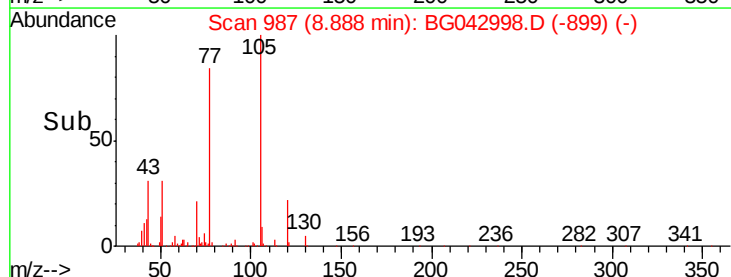
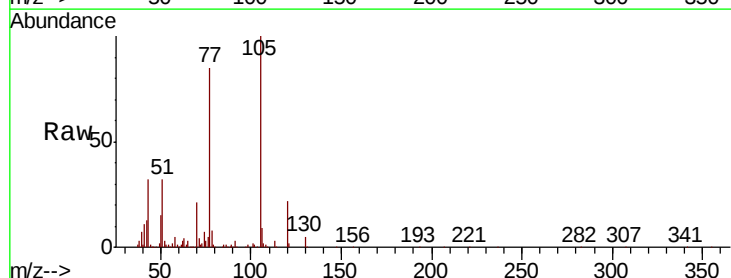
Instrument :
BNA_G
ClientSampleId :
S-1MSD

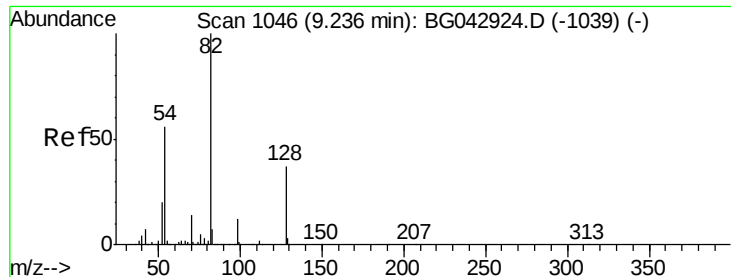
Tot Ion:136	Resp:	235526
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.5	12.7
54 8.2	7.4	11.2
68 4.1	3.6	5.4



#22
Acetophenone
Concen: 46.302 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt	Ion:105	Resp:	281103
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.2	1.8#
51	31.5	27.2	40.8
120	21.9	16.9	25.3

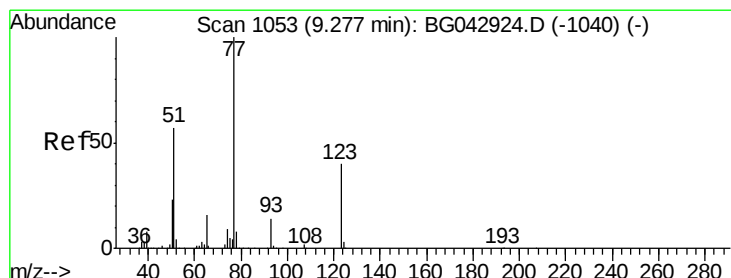
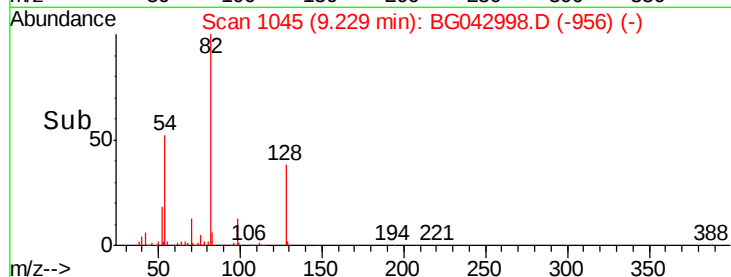
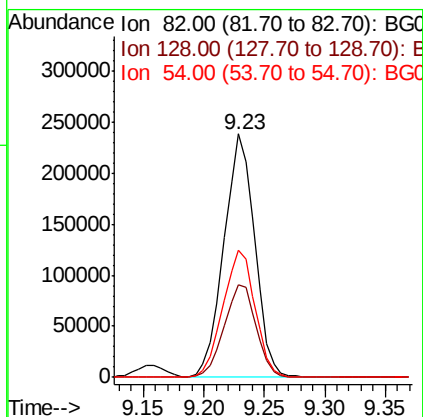
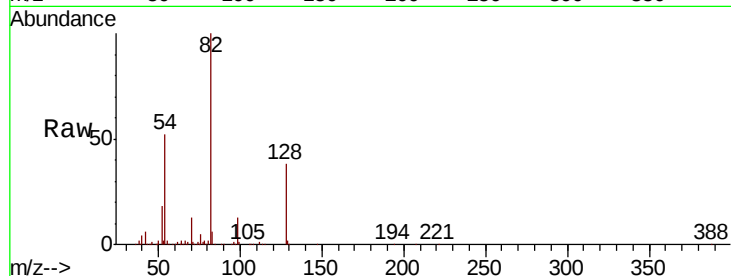




#23
 Nitrobenzene-d5
 Concen: 87.327 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

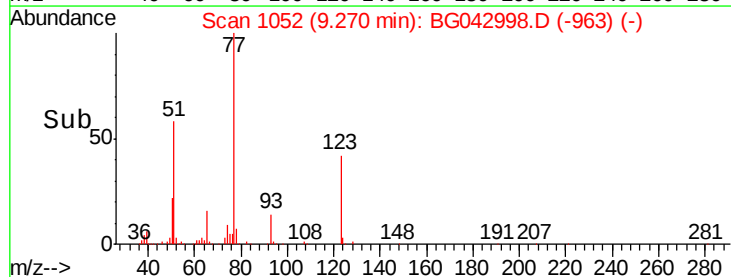
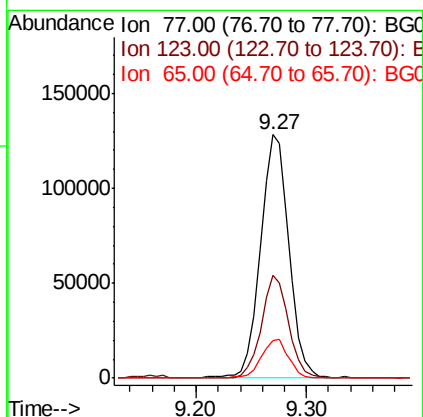
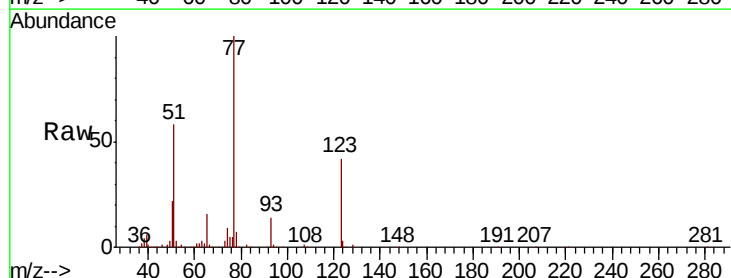
Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

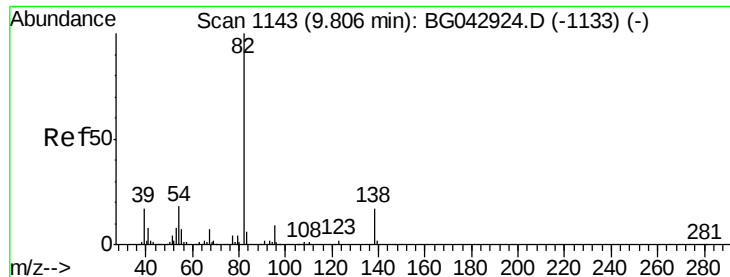
Tot Ion	82	Resp	423161
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.5	44.3
54	52.2	44.6	67.0



#24
 Nitrobenzene
 Concen: 50.012 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	77	Resp	231156
Ion Ratio	Lower	Upper	
77	100		
123	42.2	31.9	47.9
65	15.6	12.4	18.6

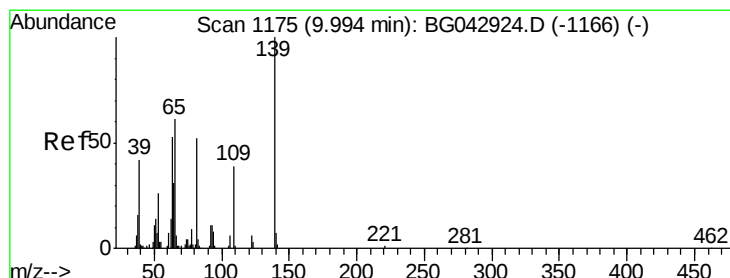
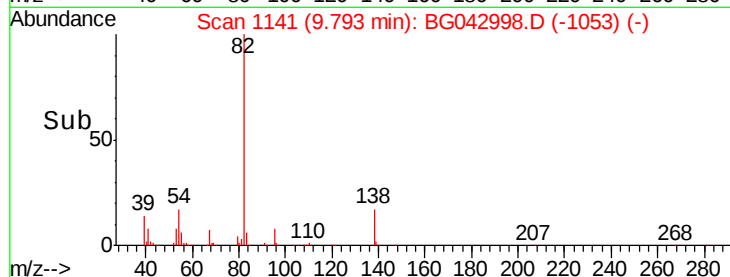
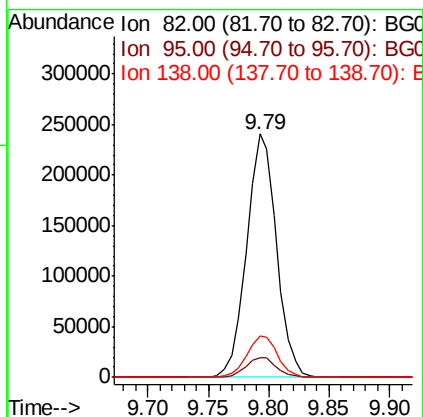
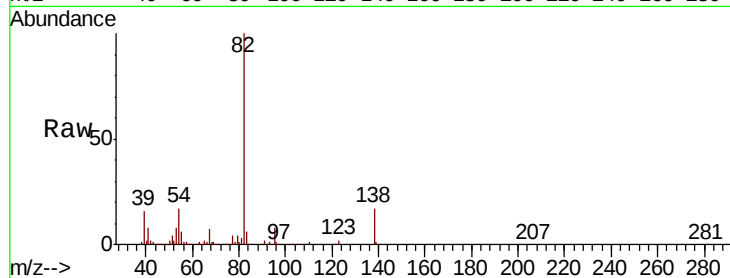




#25
Isophorone
Concen: 48.680 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

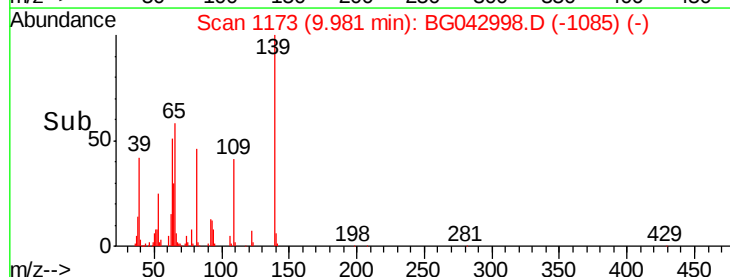
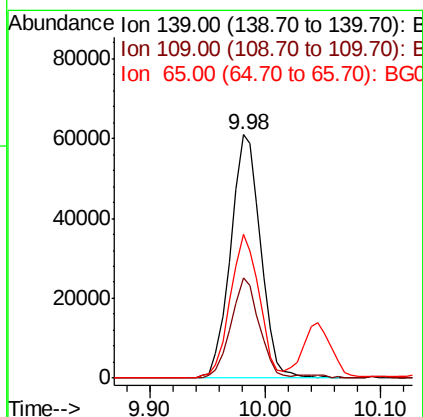
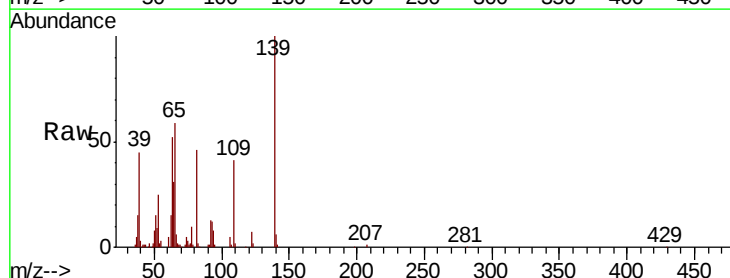
Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion: 82 Resp: 414345
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.4
138 16.8 13.8 20.6



#26
2-Nitrophenol
Concen: 55.668 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion: 139 Resp: 109532
Ion Ratio Lower Upper
139 100
109 41.3 31.0 46.6
65 59.0 48.4 72.6

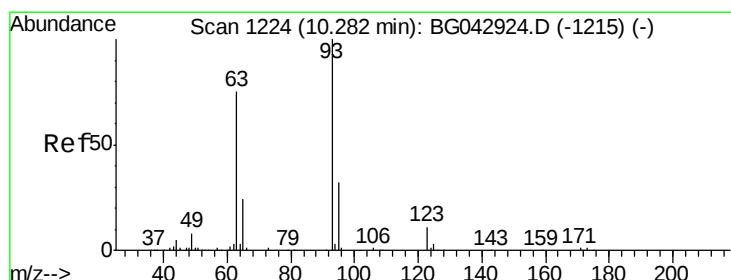
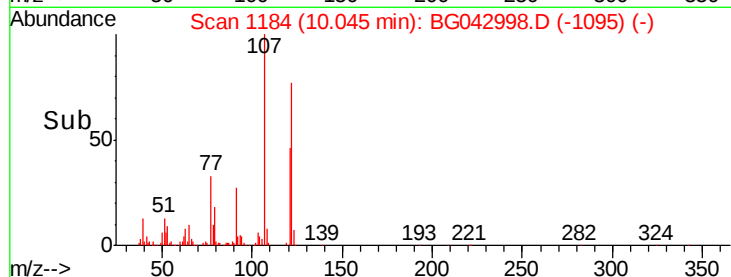
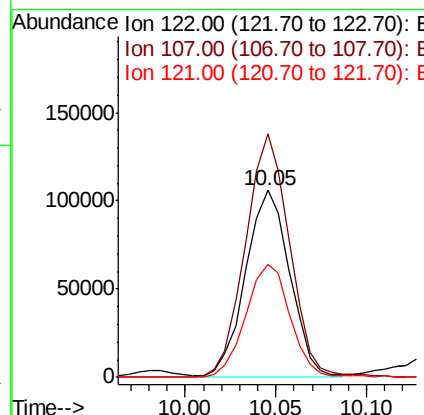
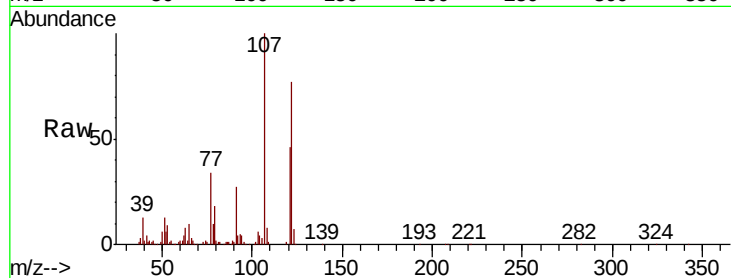




#27
2,4-Dimethylphenol
Concen: 59.306 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

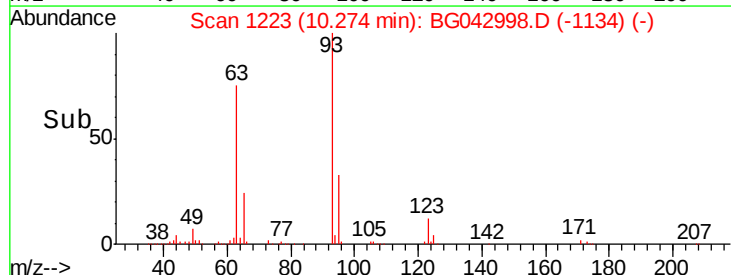
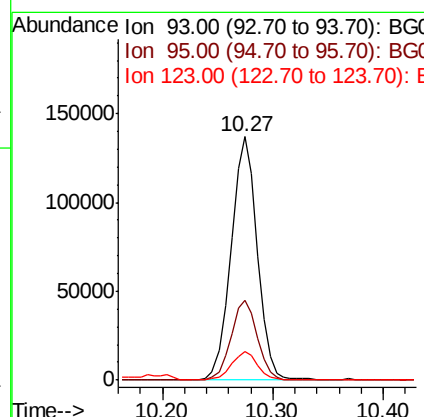
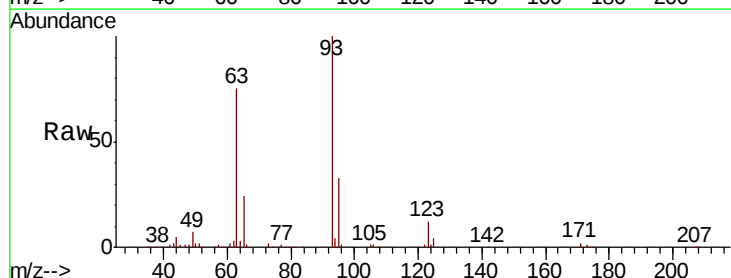
Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.2	102.2	153.2
121	60.3	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 47.063 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.4	38.0
123	11.7	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 55.550 ng

RT: 10.52 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampled :

S-1MSD

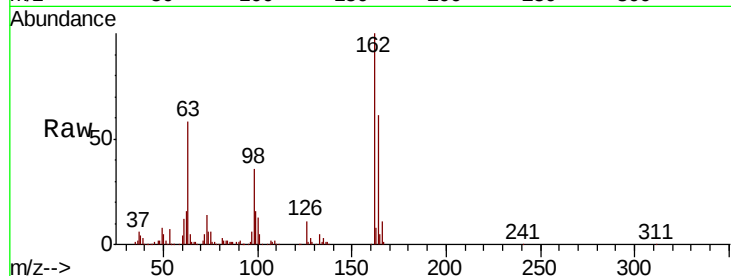
Tot Ion:162 Resp: 208759

Ion Ratio Lower Upper

162 100

164 61.4 44.7 84.7

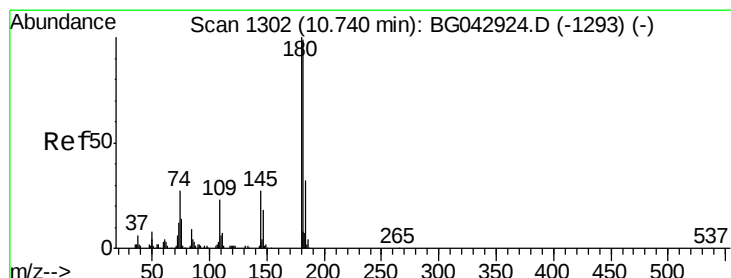
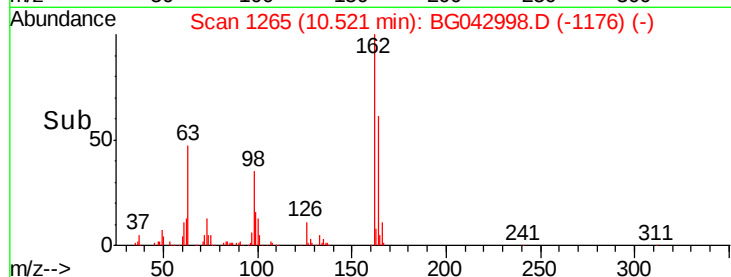
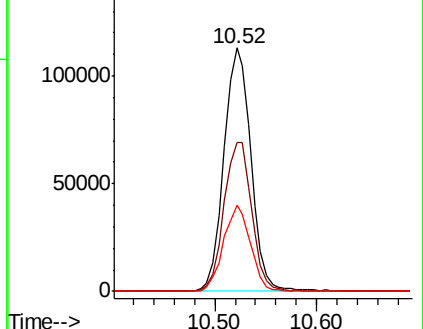
98 35.6 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 48.556 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

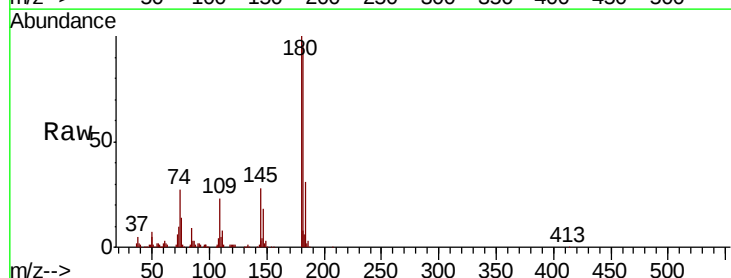
Tgt Ion:180 Resp: 235645

Ion Ratio Lower Upper

180 100

182 95.7 79.3 118.9

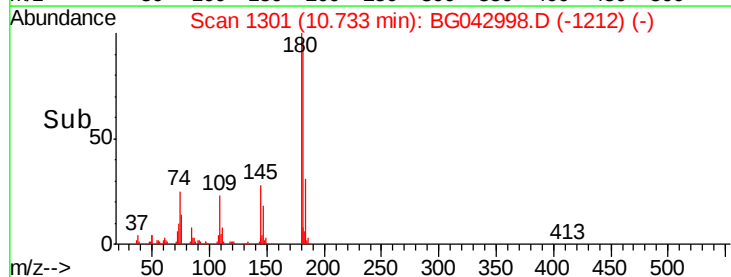
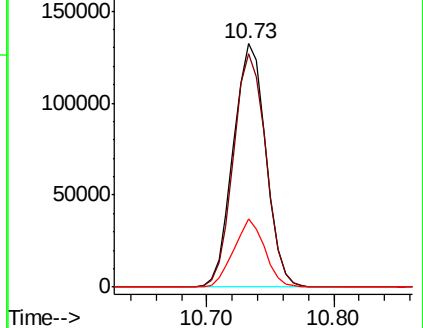
145 28.3 22.0 33.0

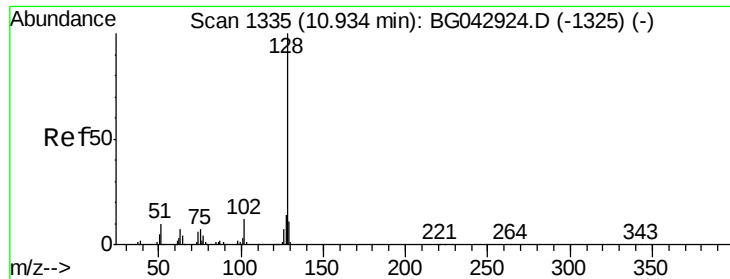


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

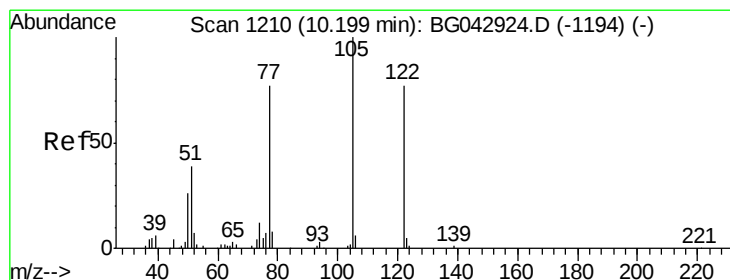
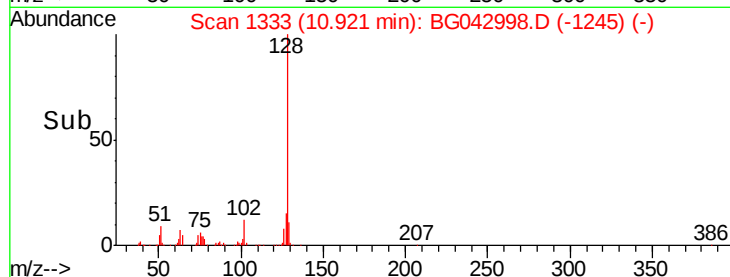
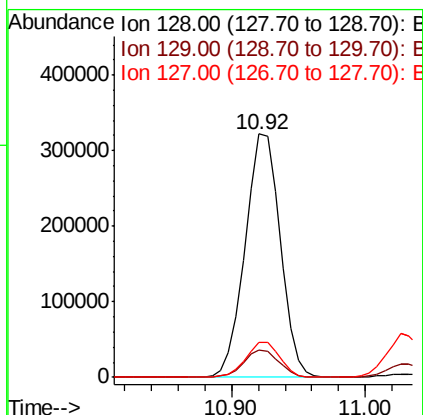
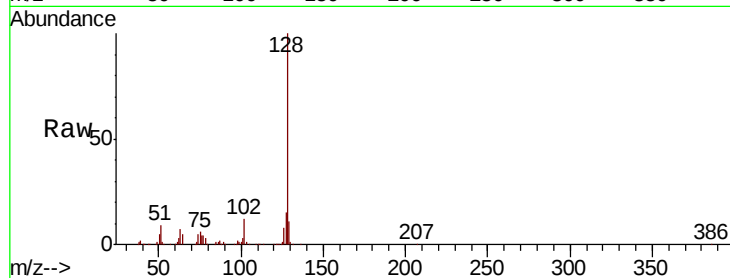




#31
Naphthalene
Concen: 50.501 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

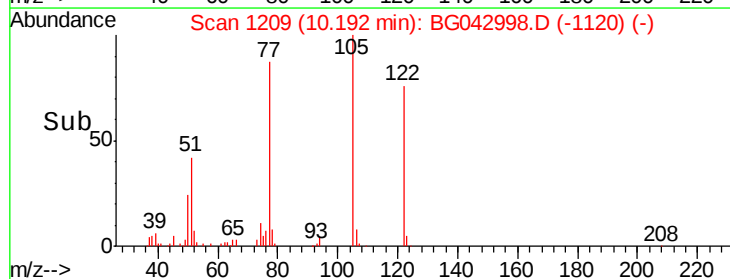
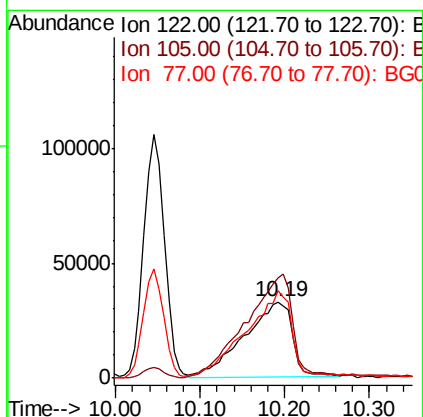
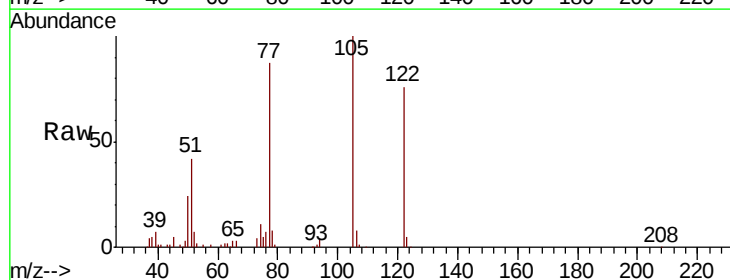
Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	14.5	11.3	16.9



#32
Benzoic acid
Concen: 52.879 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.7	107.5	147.5
77	115.0	79.8	119.8

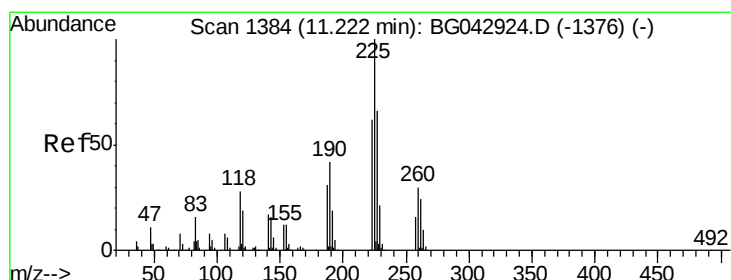
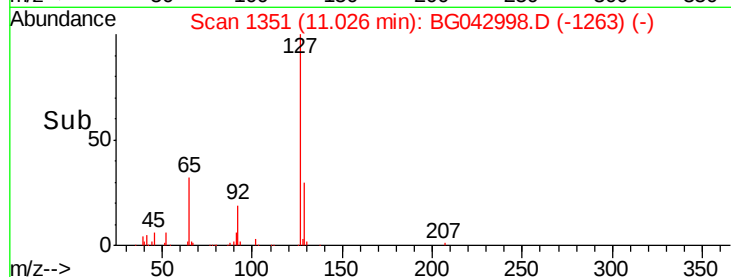
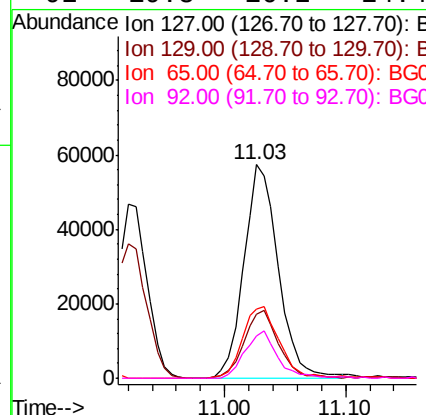
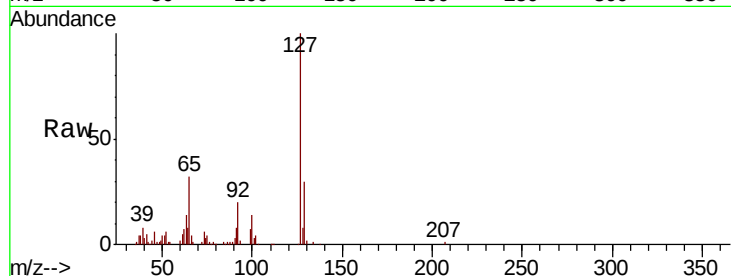




#33
4-Chloroaniline
Concen: 22.560 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

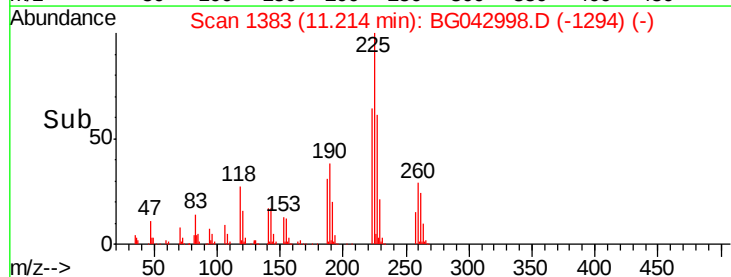
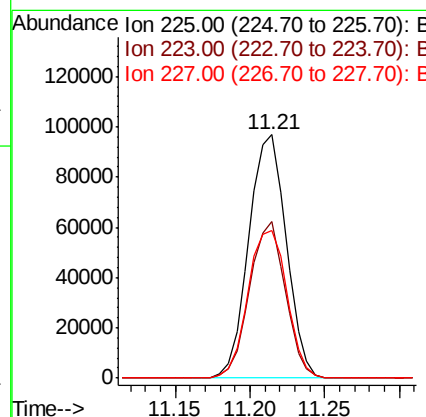
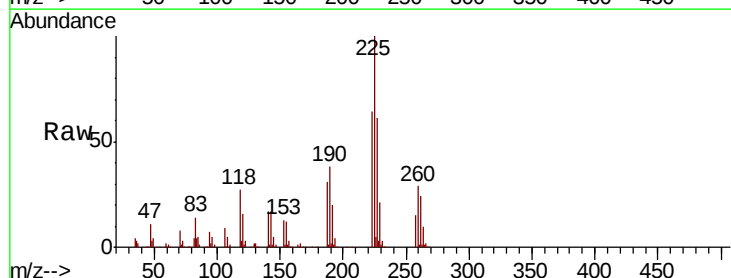
Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion:	127	Resp:	113500
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.2	39.2
65	32.4	30.6	45.8
92	19.8	16.2	24.4



#34
Hexachlorobutadiene
Concen: 46.299 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:	225	Resp:	168240
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.3	73.9
227	60.5	52.8	79.2





#35

Caprolactam

Concen: 28.734 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

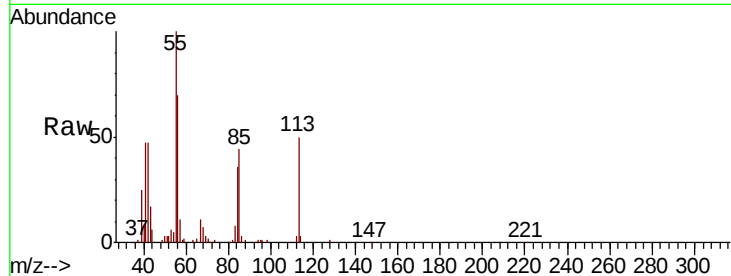
Tot Ion:113 Resp: 38080

Ion Ratio Lower Upper

113 100

55 198.8 175.5 215.5

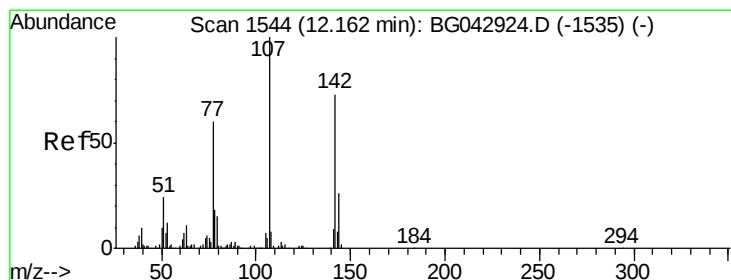
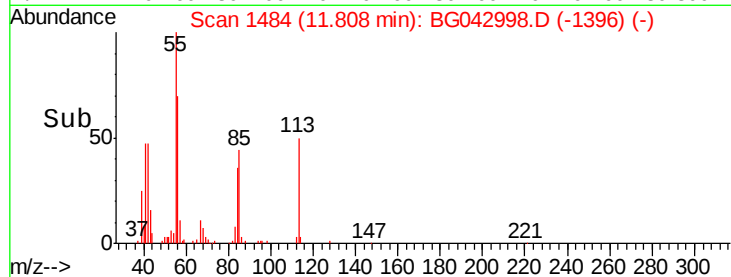
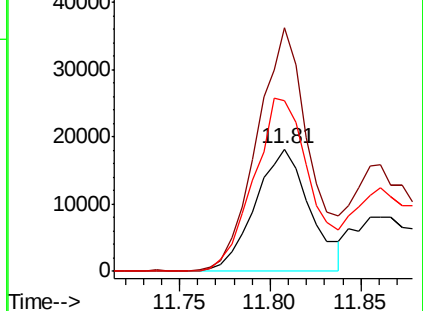
56 138.8 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 54.738 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

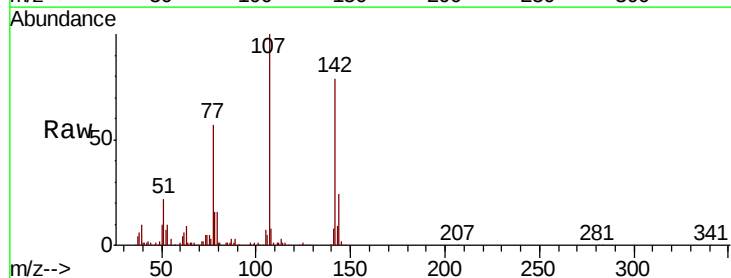
Tgt Ion:107 Resp: 223664

Ion Ratio Lower Upper

107 100

144 24.4 20.7 31.1

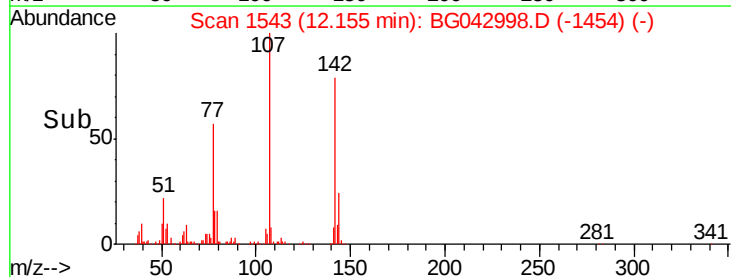
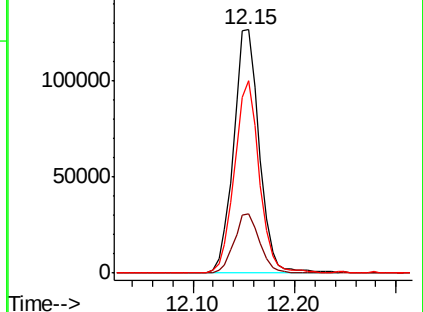
142 79.1 58.6 87.8

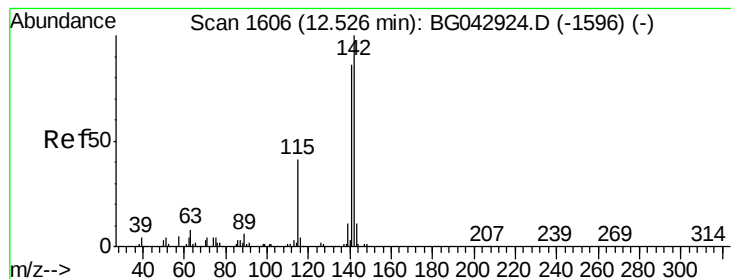


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.722 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

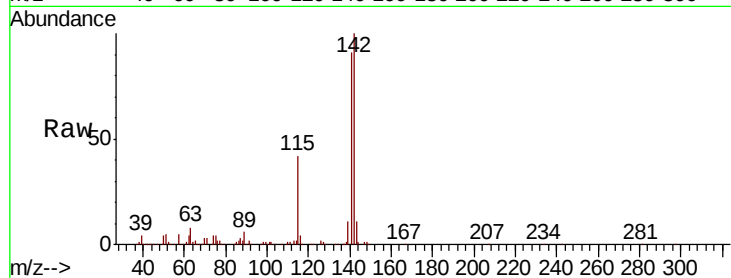
Tot Ion:142 Resp: 439784

Ion Ratio Lower Upper

142 100

141 91.5 69.0 103.4

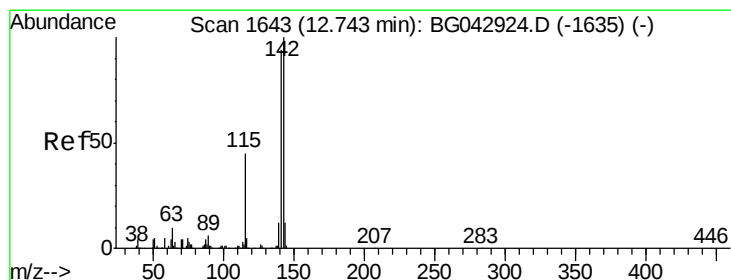
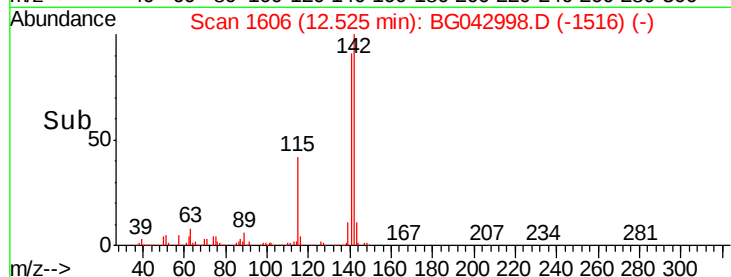
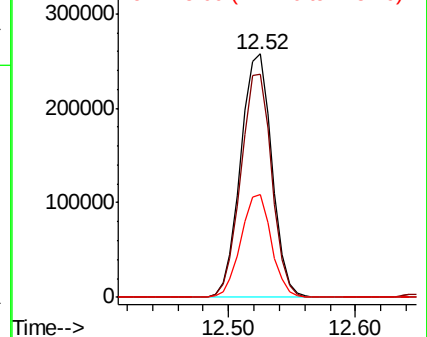
115 42.3 32.8 49.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.155 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

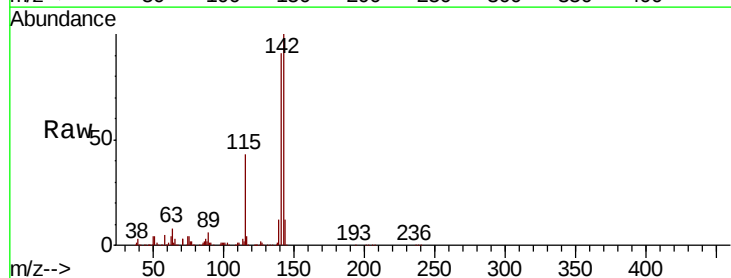
Tgt Ion:142 Resp: 419761

Ion Ratio Lower Upper

142 100

141 91.1 74.9 112.3

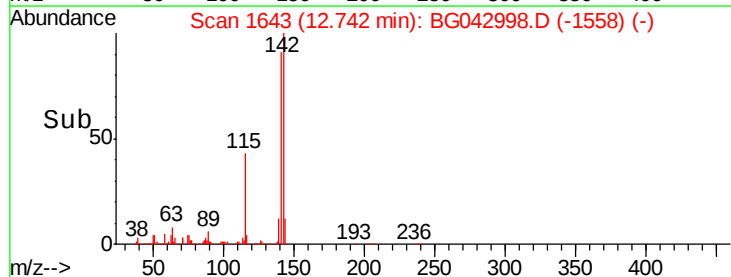
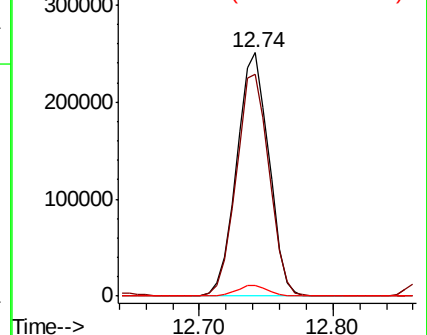
116 4.2 3.7 5.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

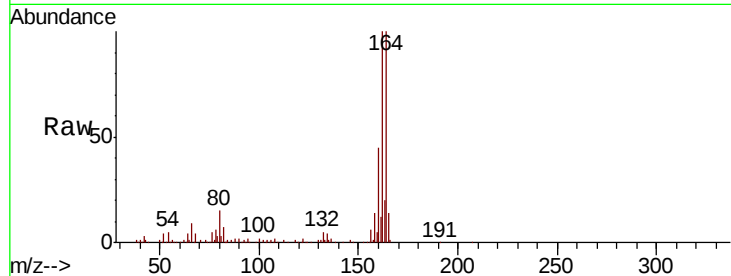
Tot Ion:164 Resp: 170107

Ion Ratio Lower Upper

164 100

162 99.9 78.5 117.7

160 44.9 35.9 53.9

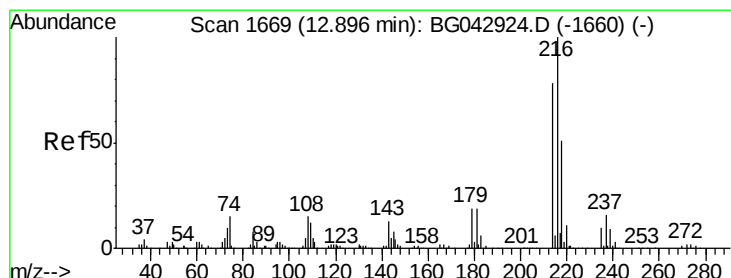
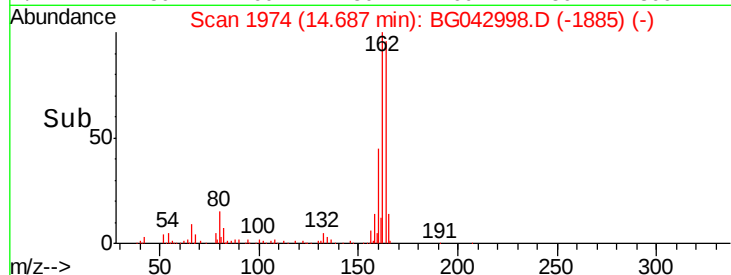
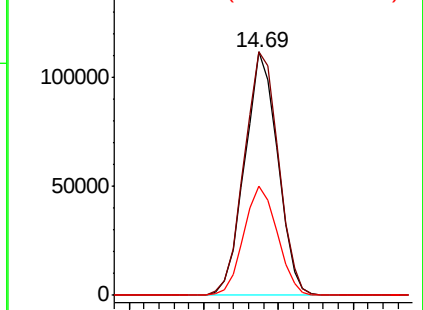


Abundance

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: 45.713 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:216 Resp: 292377

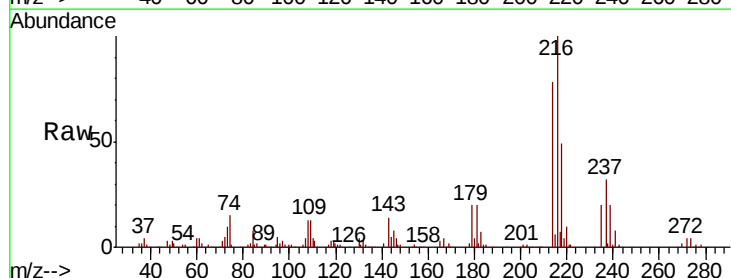
Ion Ratio Lower Upper

216 100

214 79.3 62.4 93.6

179 20.1 15.4 23.2

108 16.5 12.6 19.0



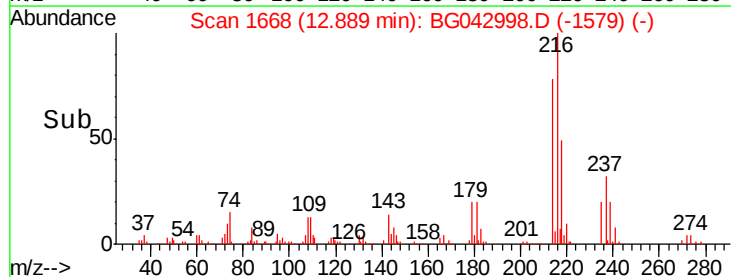
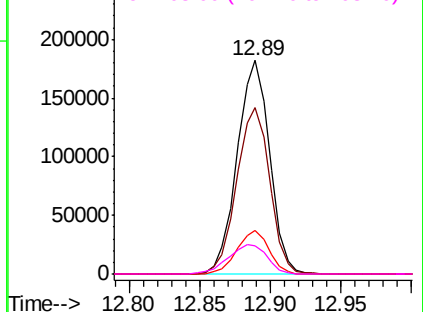
Abundance

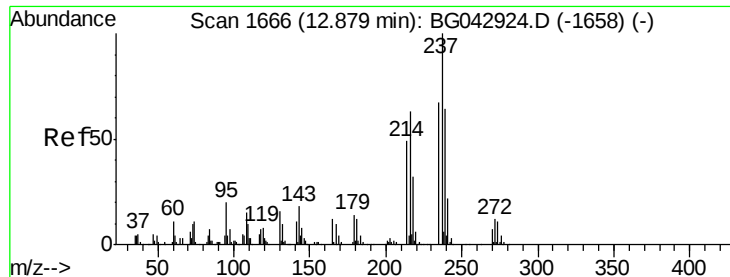
Ion 216.00 (215.70 to 216.70): E

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: 86.238 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

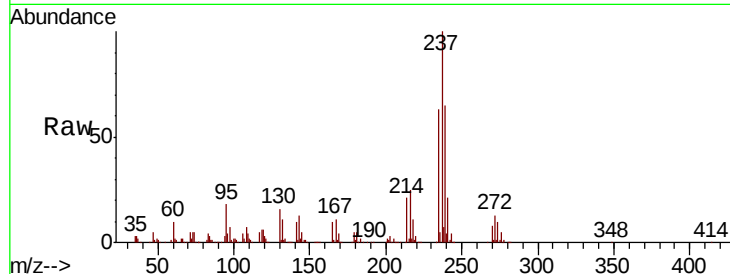
Tot Ion:237 Resp: 351434

Ion Ratio Lower Upper

237 100

235 63.4 46.7 86.7

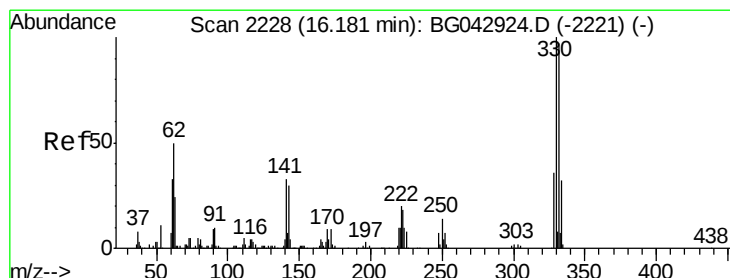
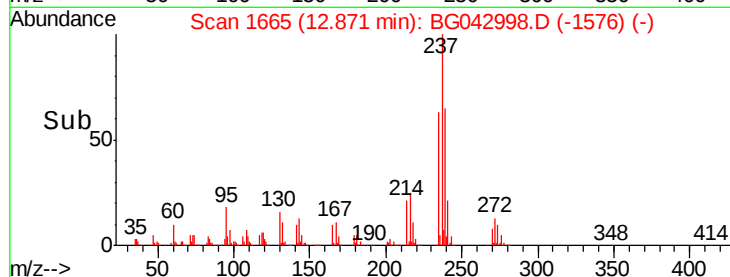
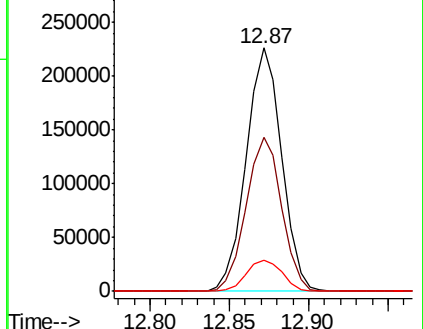
272 12.8 0.0 32.3



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: 139.061 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

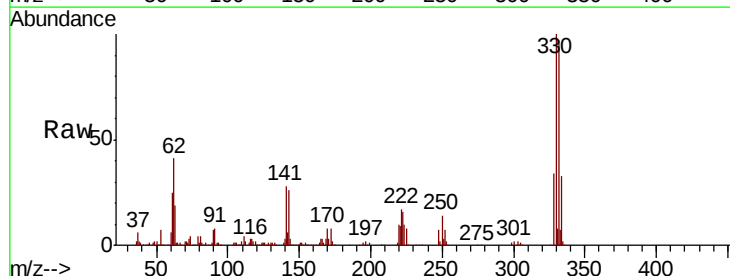
Tgt Ion:330 Resp: 406768

Ion Ratio Lower Upper

330 100

332 95.7 78.2 117.2

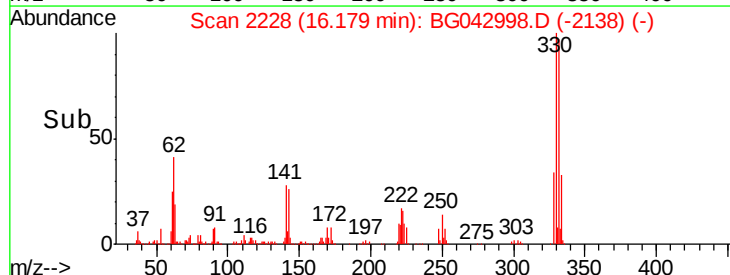
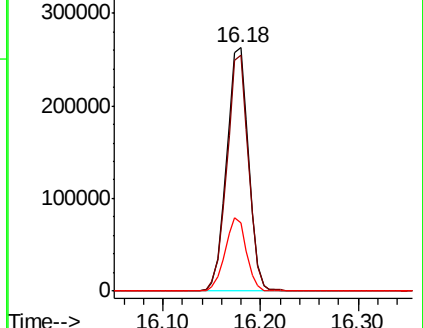
141 29.6 26.0 39.0

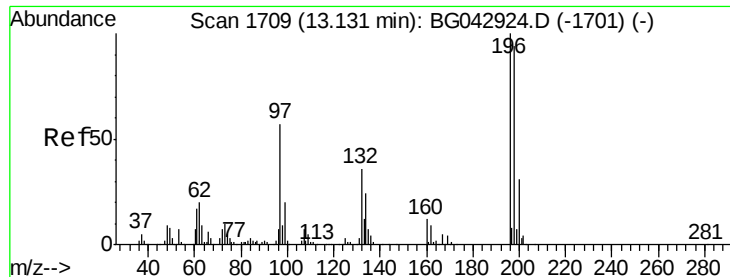


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

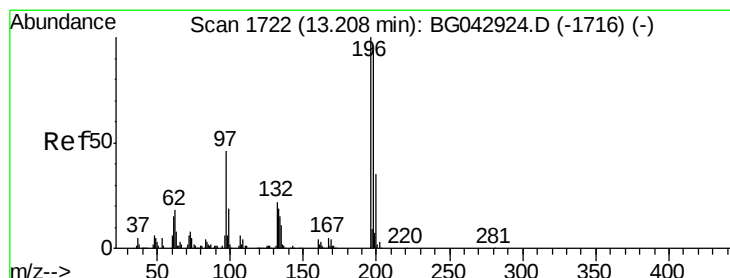
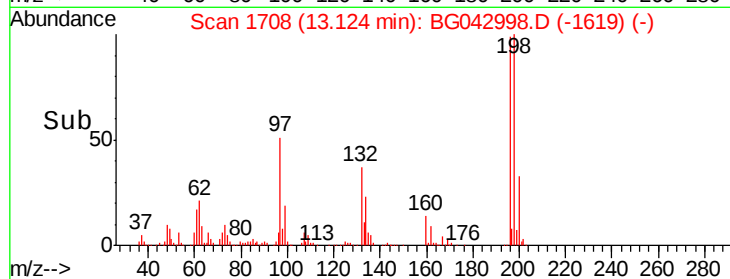
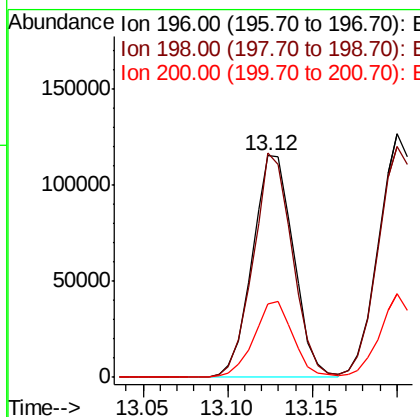
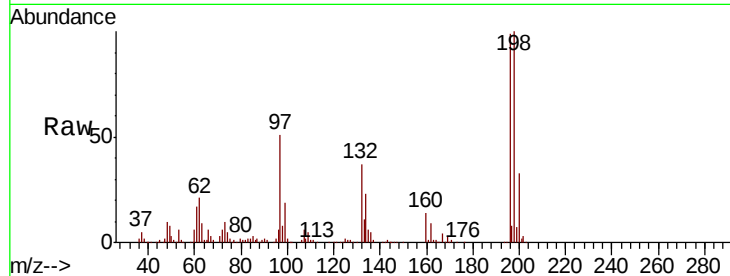




#43
2,4,6-Trichlorophenol
Concen: 52.295 ng
RT: 13.12 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

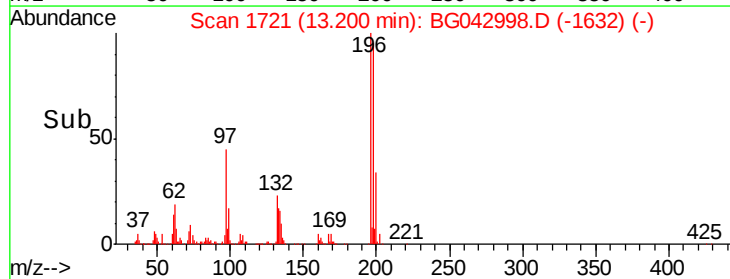
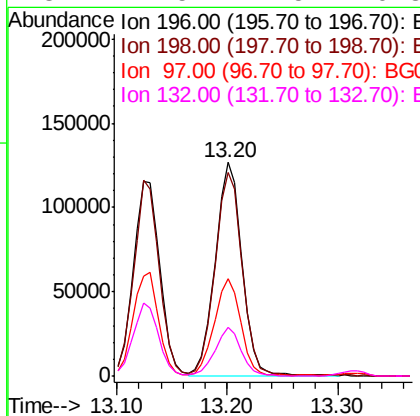
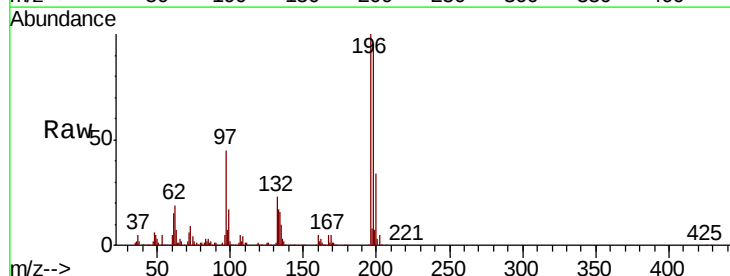
Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion:196 Resp: 195767
Ion Ratio Lower Upper
196 100
198 101.0 75.5 113.3
200 33.0 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 55.101 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:196 Resp: 212494
Ion Ratio Lower Upper
196 100
198 95.0 75.1 112.7
97 45.4 37.0 55.4
132 22.5 17.5 26.3

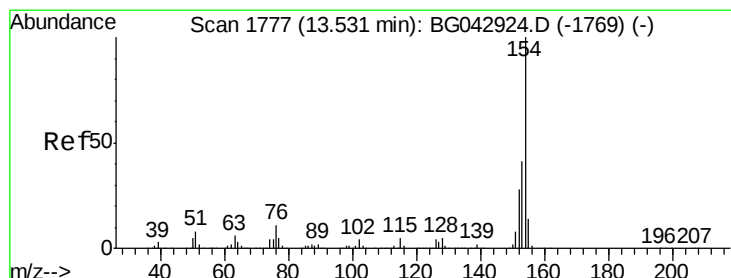
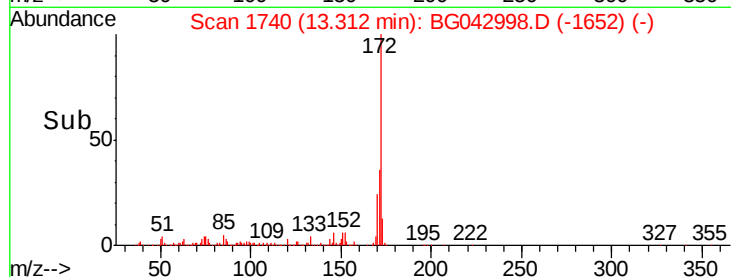
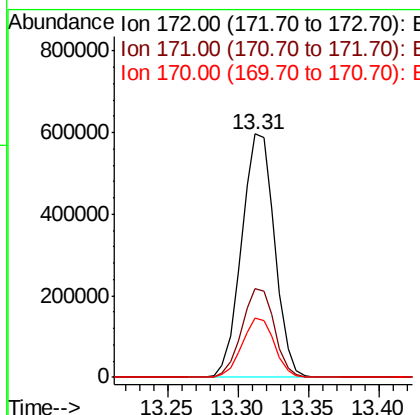
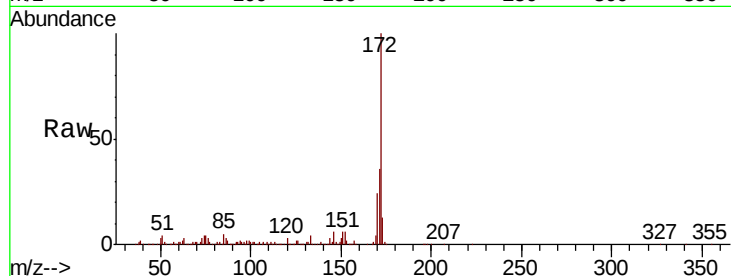




#45
2-Fluorobiphenyl
Concen: 82.901 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

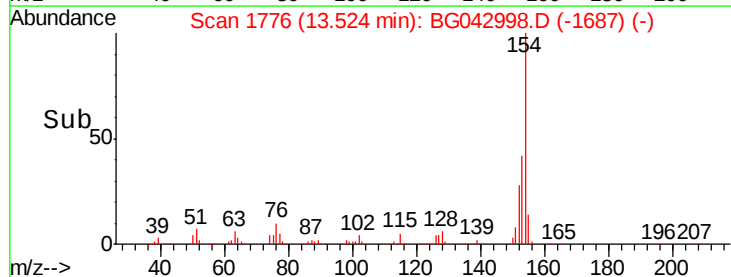
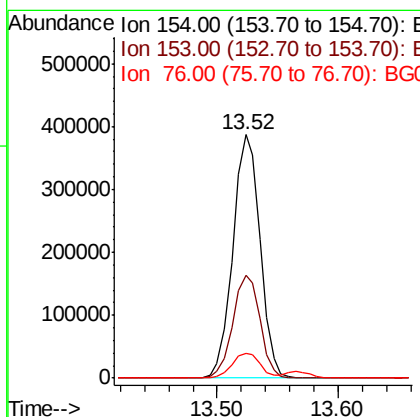
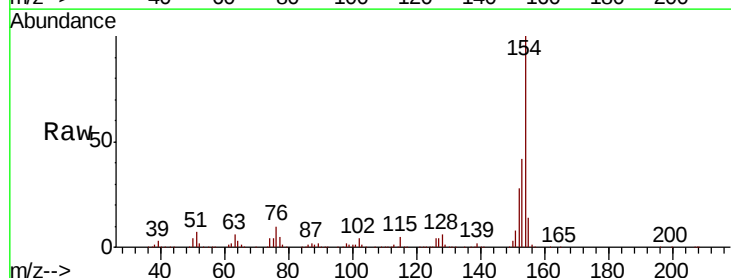
Instrument :
BNA_G
ClientSampleId :
S-1MSD

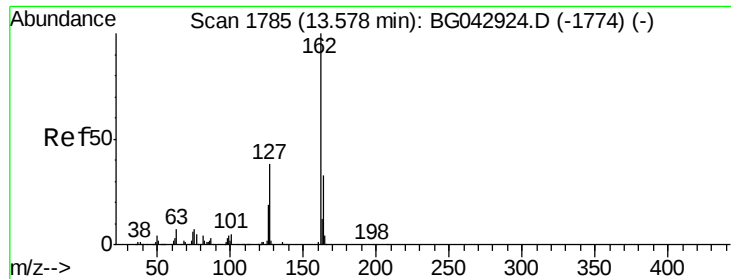
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.6	29.4



#46
1,1'-Biphenyl
Concen: 46.984 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.4	61.4
76	10.4	0.0	31.3





#47

2-Chloronaphthalene

Concen: 49.541 ng

RT: 13.57 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

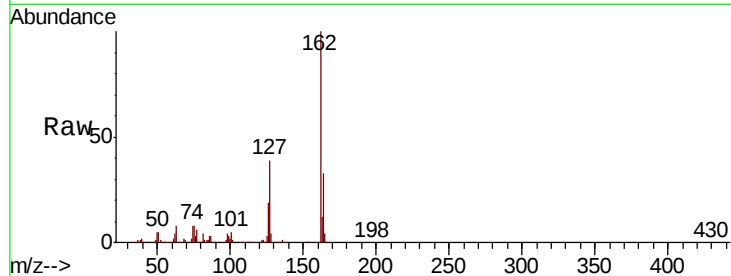
Tot Ion:162 Resp: 479145

Ion Ratio Lower Upper

162 100

127 38.6 31.0 46.6

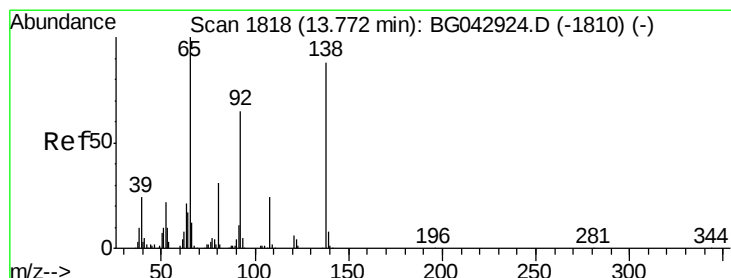
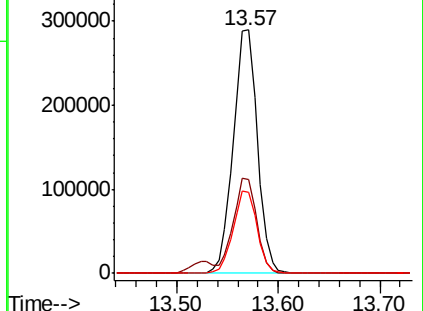
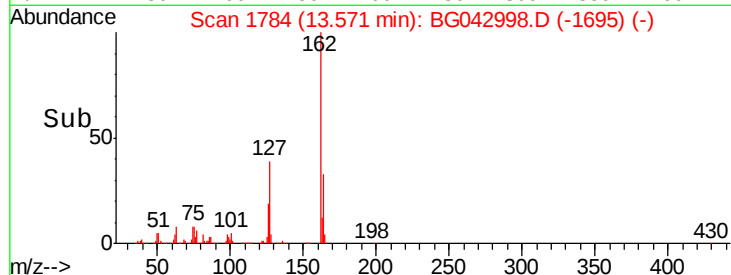
164 33.2 26.2 39.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.252 ng

RT: 13.77 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

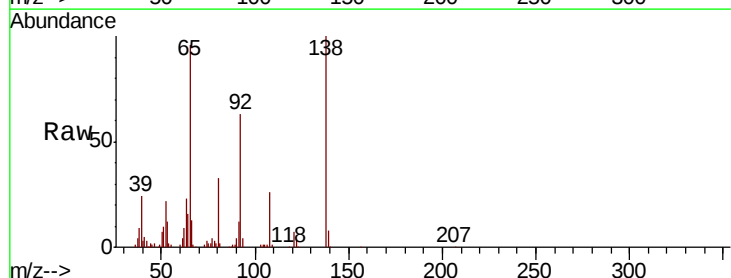
Tgt Ion: 65 Resp: 155192

Ion Ratio Lower Upper

65 100

92 66.0 52.0 78.0

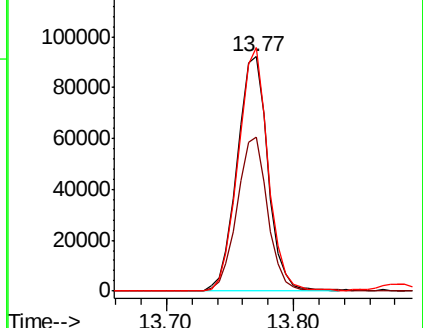
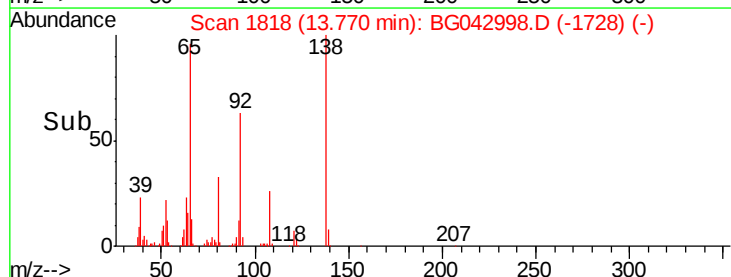
138 103.9 70.4 105.6

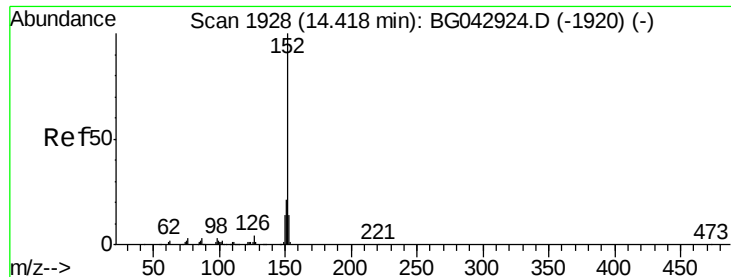


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.002 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

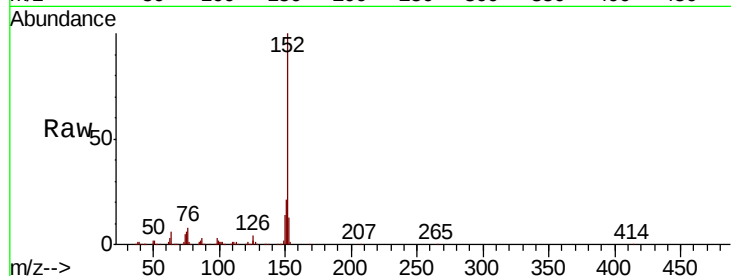
Tot Ion:152 Resp: 769596

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

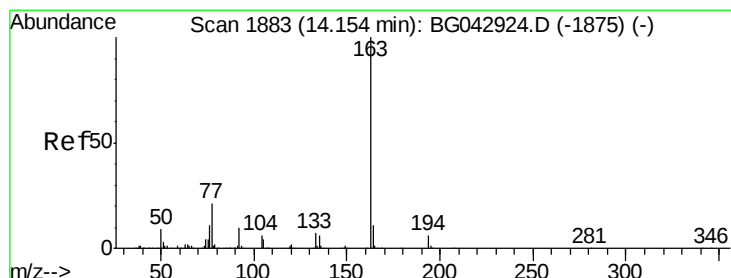
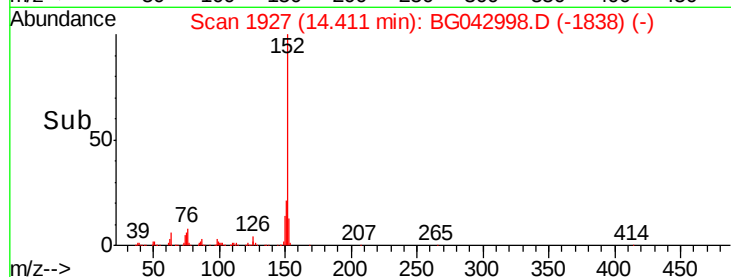
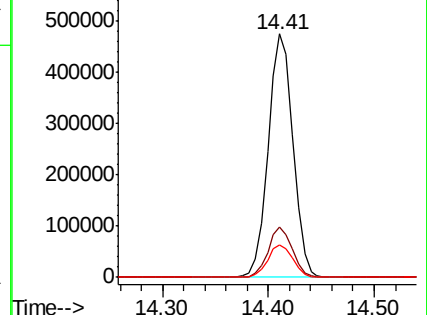
153 13.4 11.3 16.9



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: 58.609 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

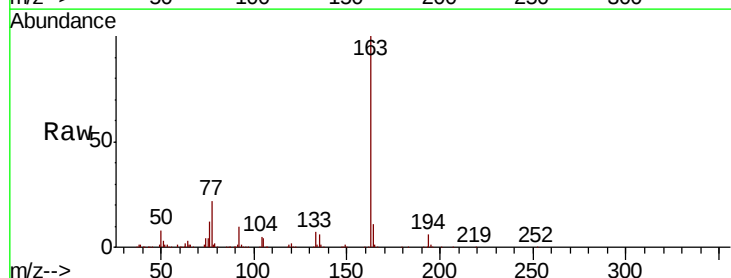
Tgt Ion:163 Resp: 747001

Ion Ratio Lower Upper

163 100

194 5.7 4.4 6.6

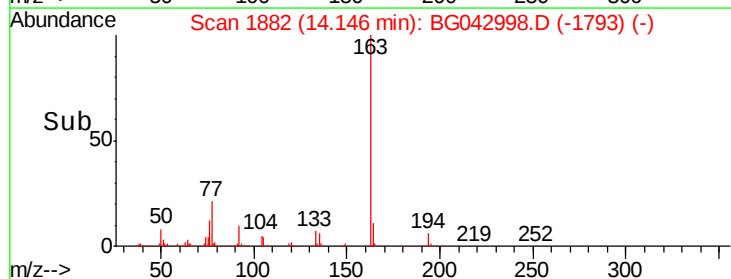
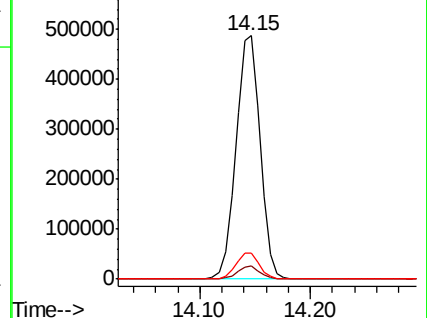
164 10.8 8.6 12.8



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

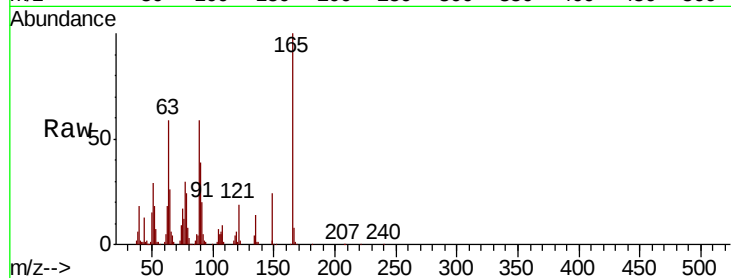




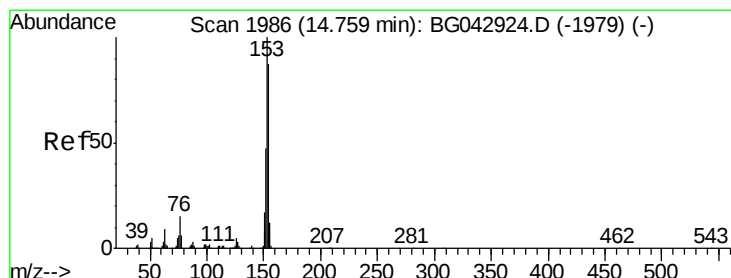
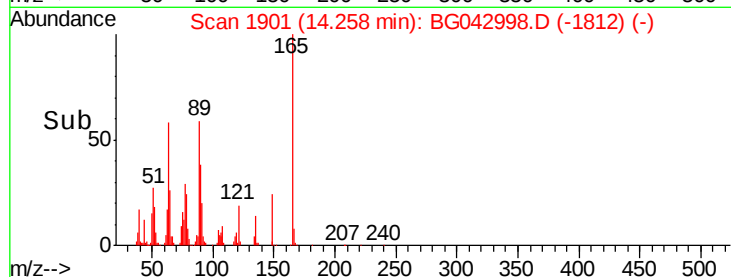
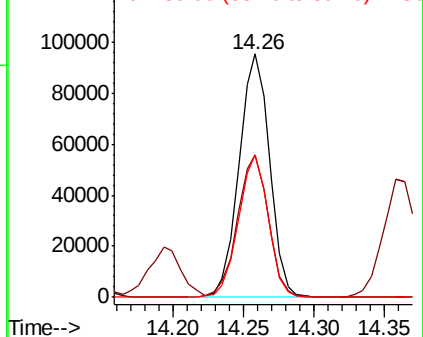
#51
 2,6-Dinitrotoluene
 Concen: 53.147 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

Tot Ion:165 Resp: 144253
 Ion Ratio Lower Upper
 165 100
 63 58.5 50.3 75.5
 89 58.7 48.9 73.3

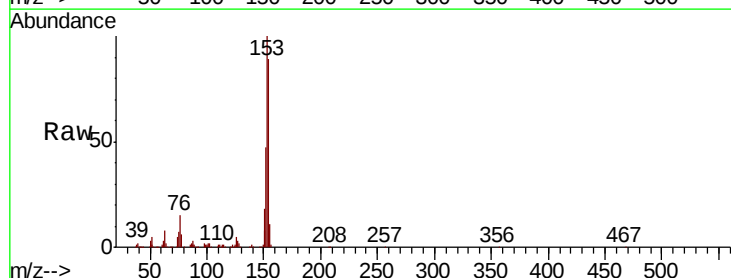


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

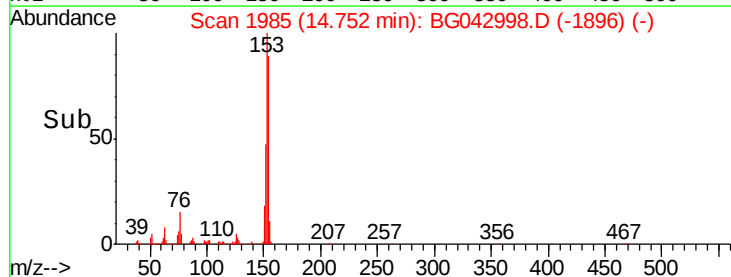
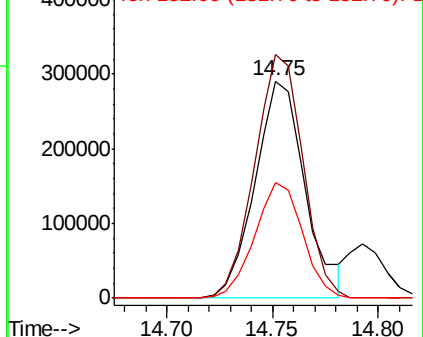


#52
 Acenaphthene
 Concen: 48.169 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion:154 Resp: 477158
 Ion Ratio Lower Upper
 154 100
 153 112.2 91.4 137.0
 152 53.0 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.837 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

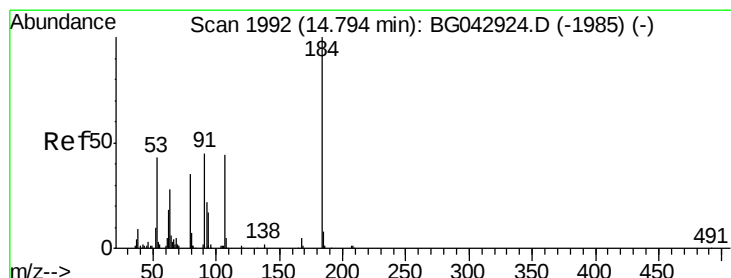
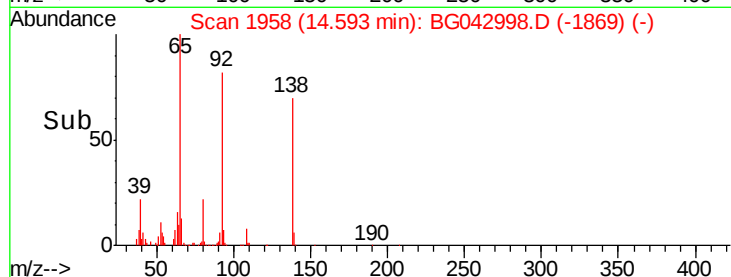
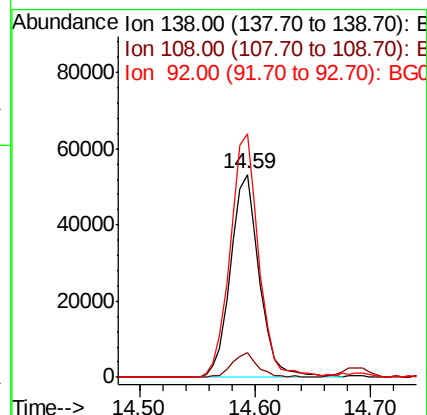
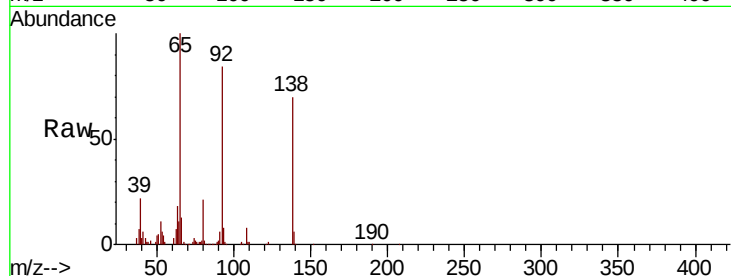
Tot Ion:138 Resp: 92110

Ion Ratio Lower Upper

138 100

108 11.9 7.9 11.9#

92 120.1 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 99.834 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

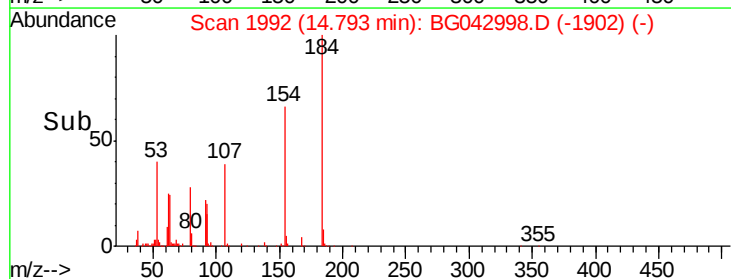
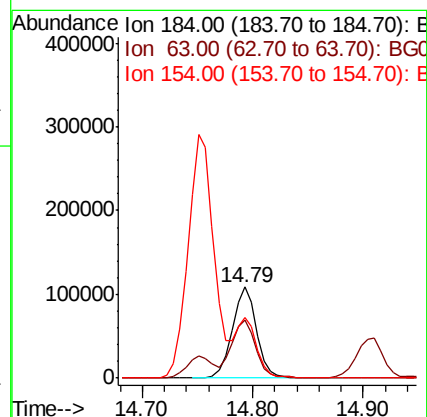
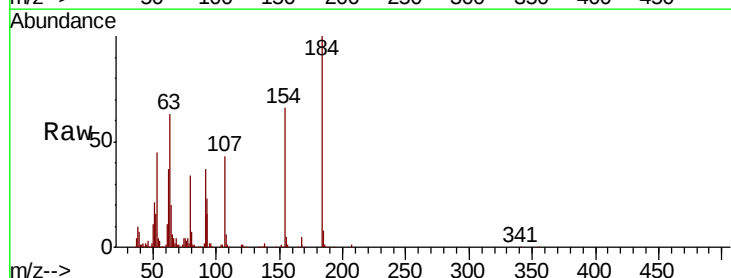
Tgt Ion:184 Resp: 168432

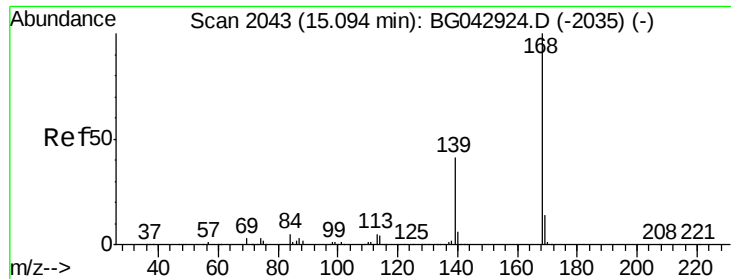
Ion Ratio Lower Upper

184 100

63 63.3 55.0 82.6

154 66.4 56.5 84.7

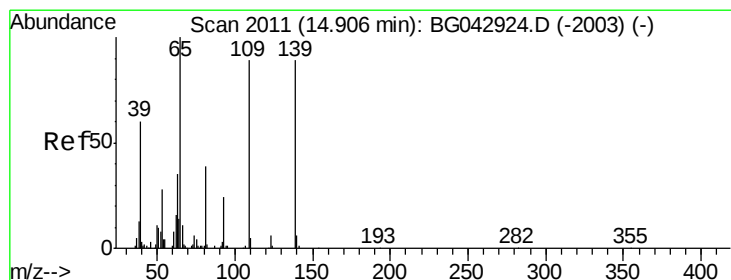
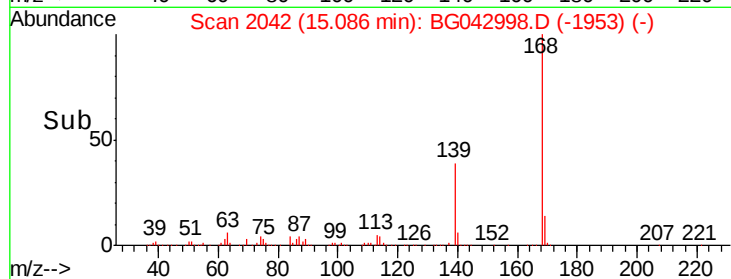
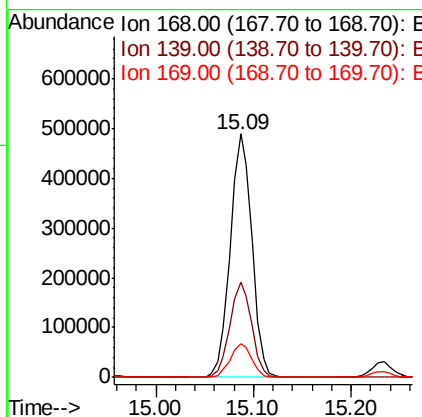
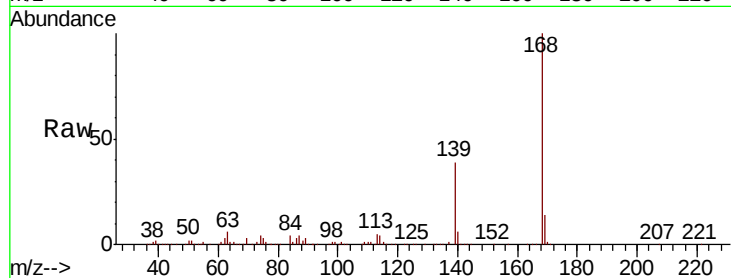




#55
Dibenzofuran
Concen: 51.085 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

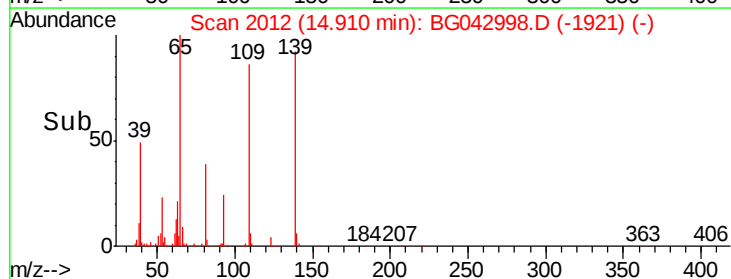
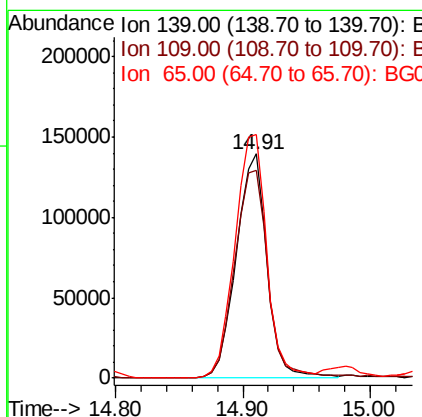
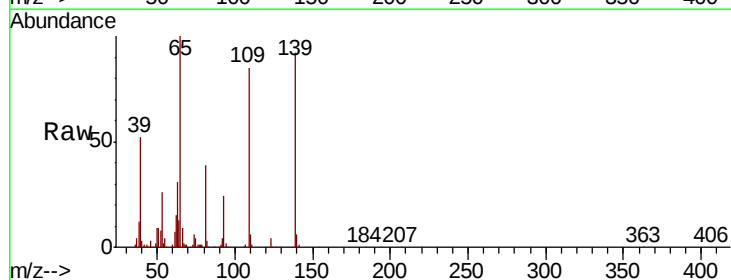
Instrument :
BNA_G
ClientSampleId :
S-1MSD

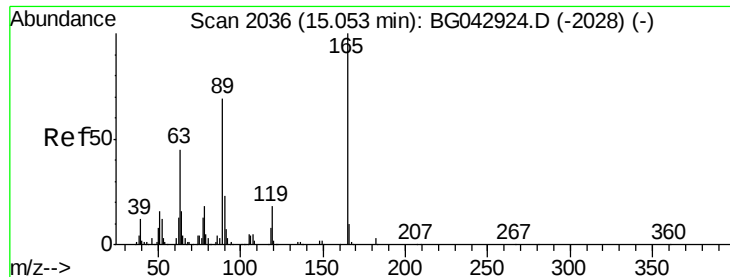
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.6	48.8
169	13.8	11.2	16.8



#56
4-Nitrophenol
Concen: 110.406 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.5	79.4	119.4
65	108.6	92.5	132.5

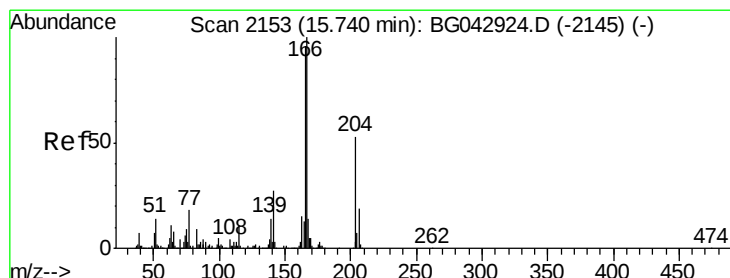
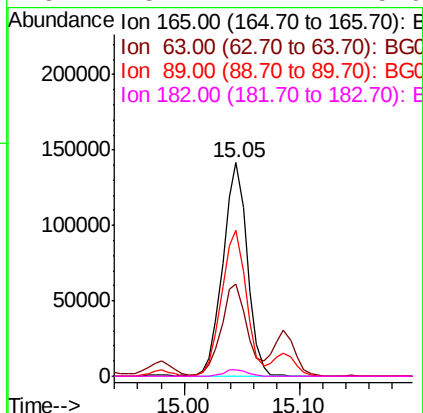
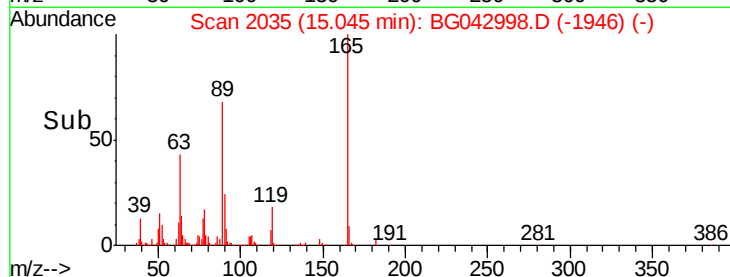
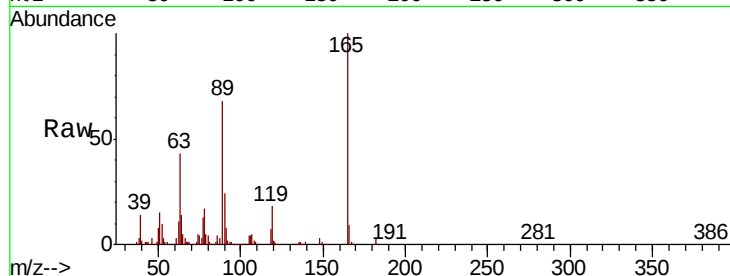




#57
2,4-Dinitrotoluene
Concen: 52.197 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

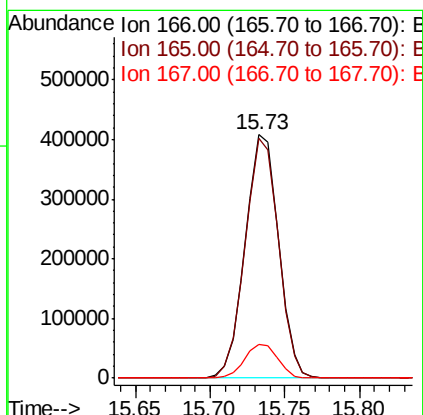
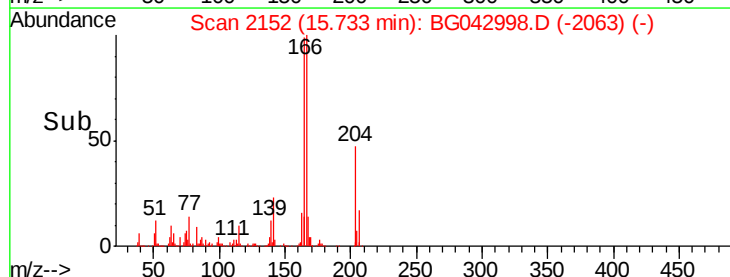
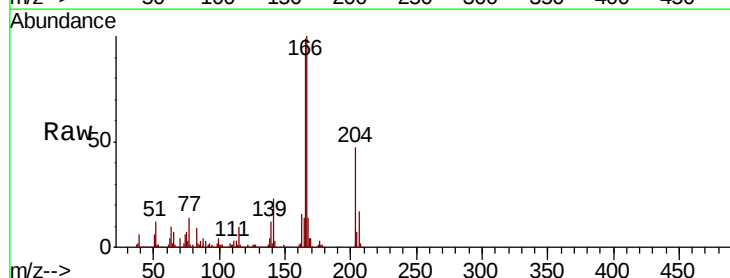
Instrument :
BNA_G
ClientSampleId :
S-1MSD

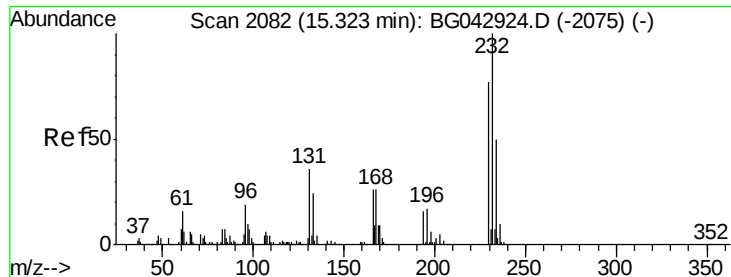
Tot Ion:165 Resp: 207470
Ion Ratio Lower Upper
165 100
63 43.5 36.5 54.7
89 68.2 55.5 83.3
182 3.2 2.4 3.6



#58
Fluorene
Concen: 50.398 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:166 Resp: 630504
Ion Ratio Lower Upper
166 100
165 98.6 77.1 115.7
167 13.7 11.0 16.6

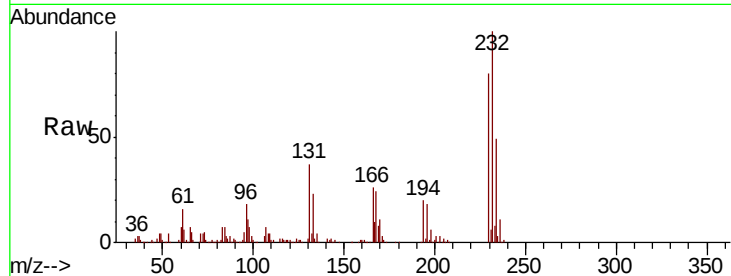




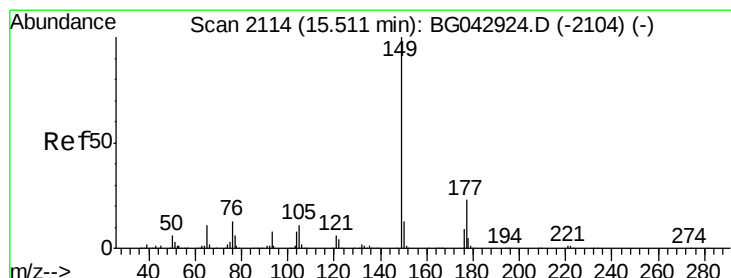
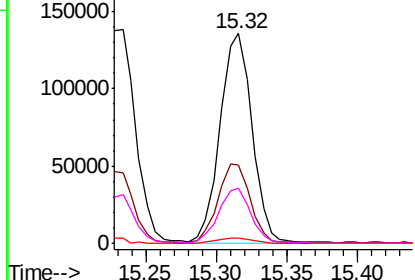
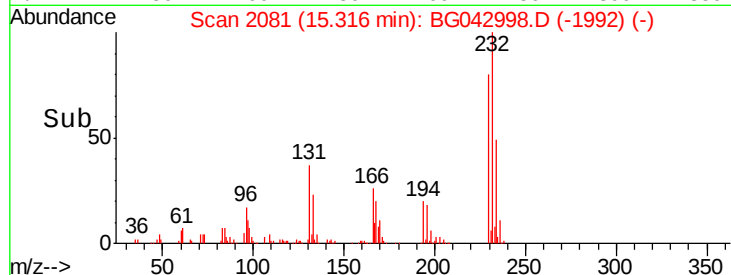
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.172 ng
RT: 15.32 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion:232	Resp:	214223
Ion	Ratio	Lower Upper
232	100	
131	38.3	29.6 44.4
130	2.5	1.9 2.9
166	26.6	21.8 32.8

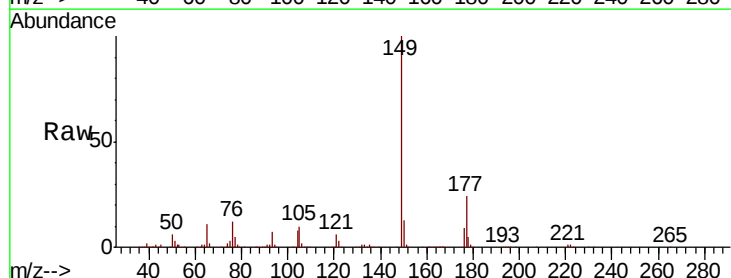


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

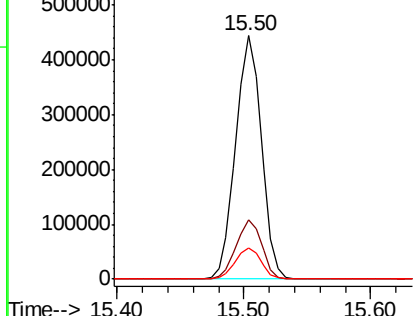
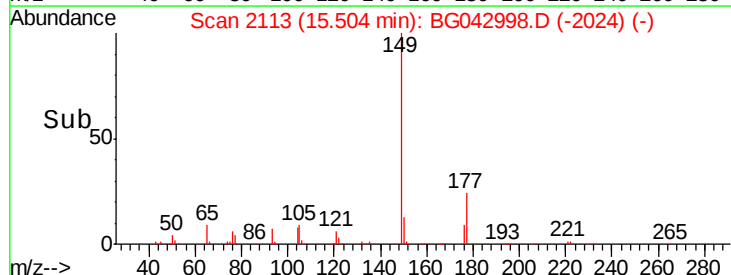


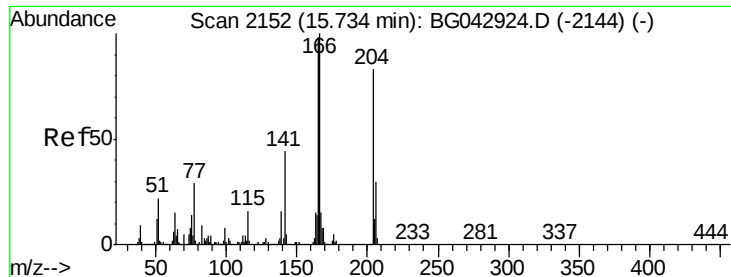
#60
Diethylphthalate
Concen: 48.005 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:149	Resp:	622679
Ion	Ratio	Lower Upper
149	100	
177	24.3	18.8 28.2
150	13.0	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

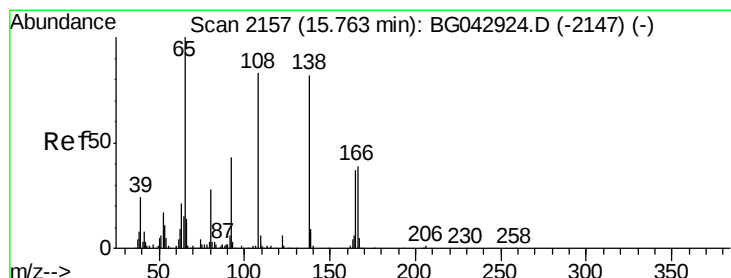
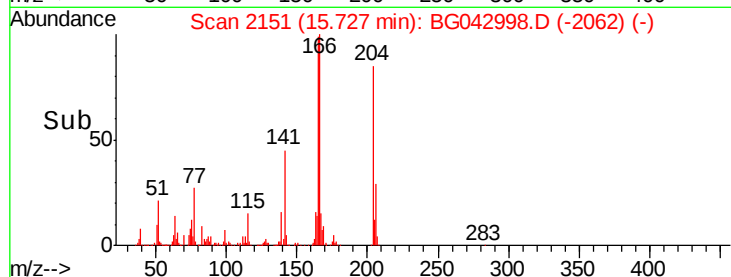
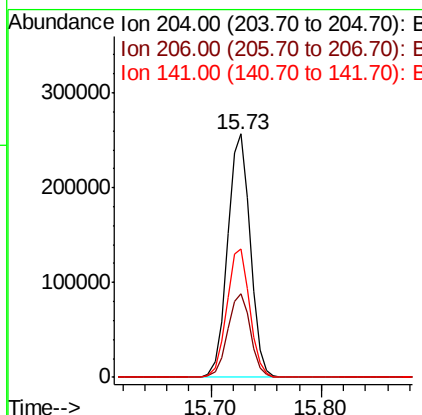
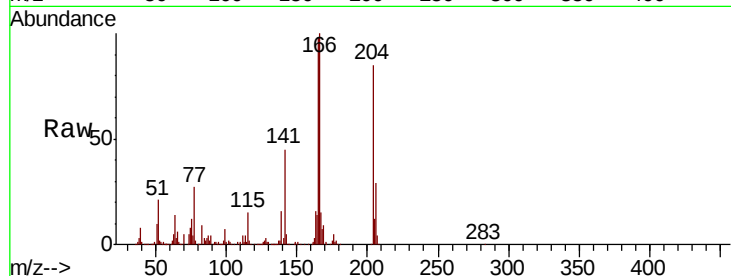




#61
4-Chlorophenyl-phenylether
Concen: 49.078 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

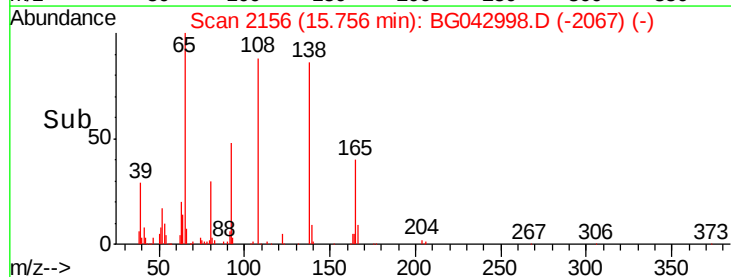
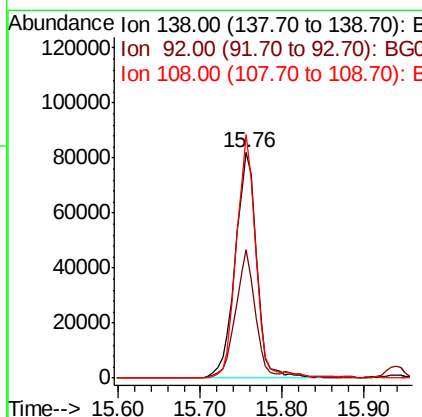
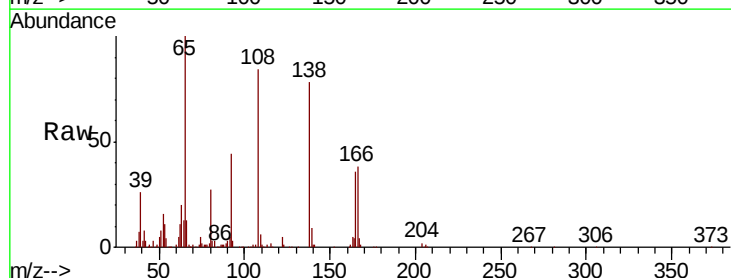
Instrument :
BNA_G
ClientSampleId :
S-1MSD

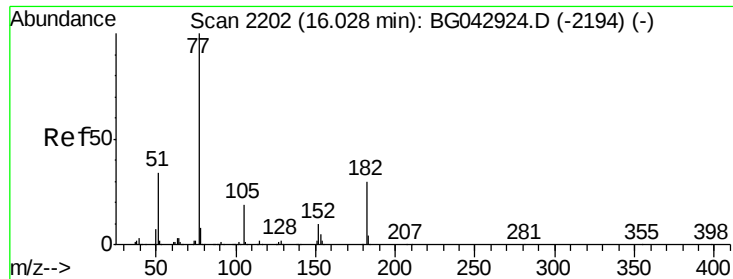
Tot Ion:204 Resp: 368236
Ion Ratio Lower Upper
204 100
206 34.5 28.5 42.7
141 52.6 42.4 63.6



#62
4-Nitroaniline
Concen: 49.266 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:138 Resp: 150717
Ion Ratio Lower Upper
138 100
92 56.8 32.9 72.9
108 108.0 81.3 121.3

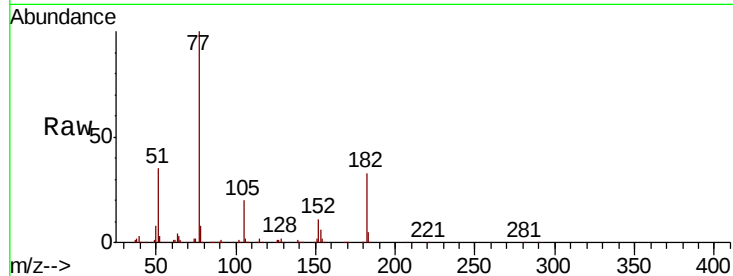




#63
Azobenzene
Concen: 48.452 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.4	10.2	50.2	
105	20.3	0.0	39.1	
51	34.6	13.9	53.9	



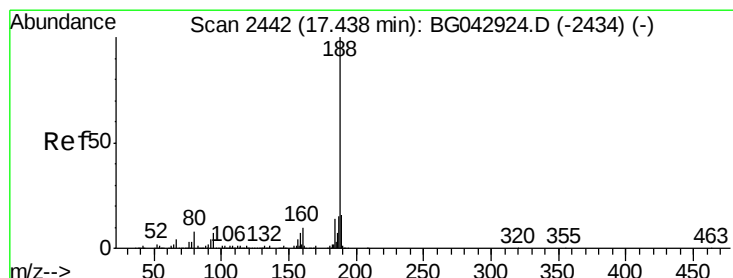
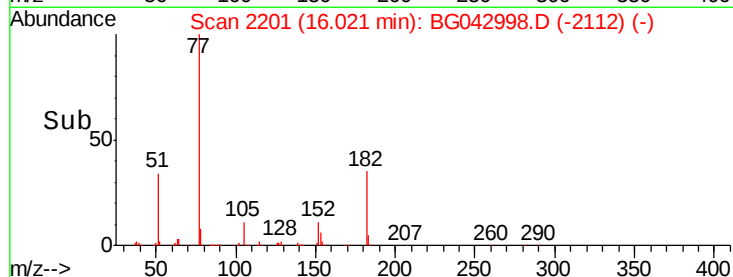
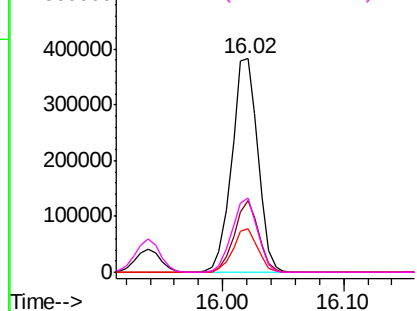
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

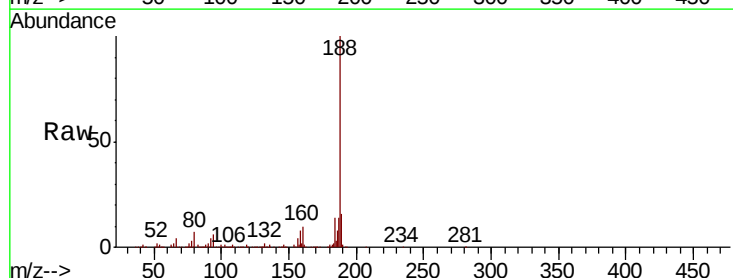
Ion 105.00 (104.70 to 105.70): BGC

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: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.6	5.7	8.5#	
80	6.7	6.5	9.7	

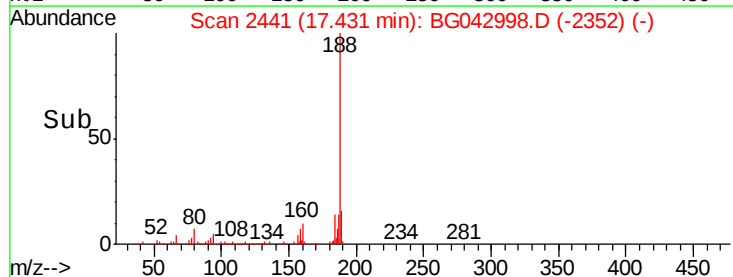
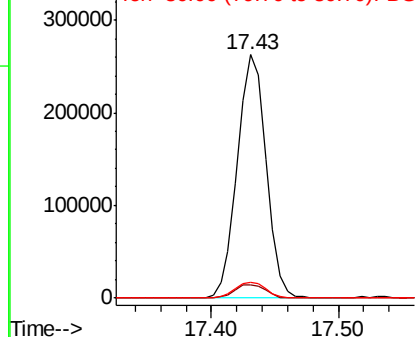


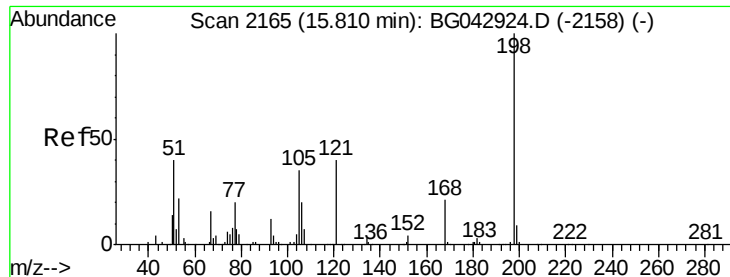
Abundance

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

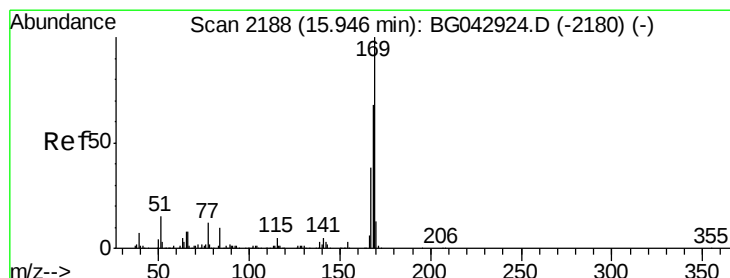
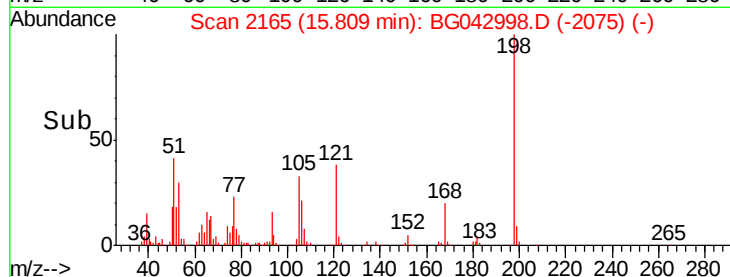
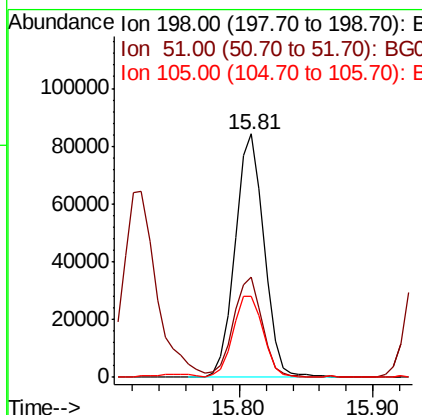
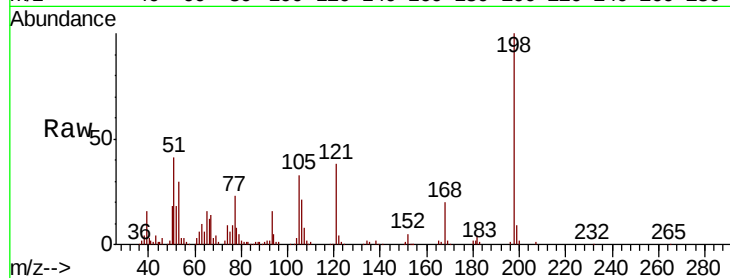




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.137 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

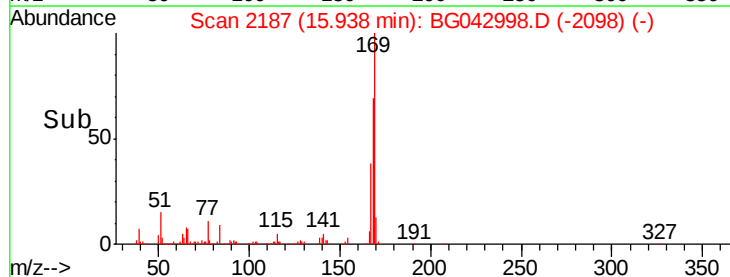
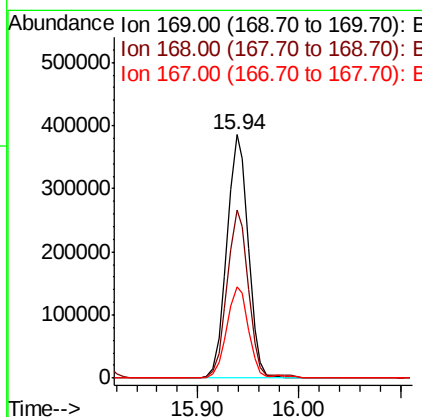
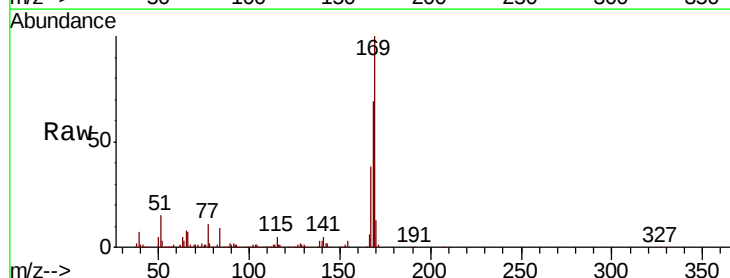
Instrument :
 BNA_G
 ClientSampleId :
 S-1MSD

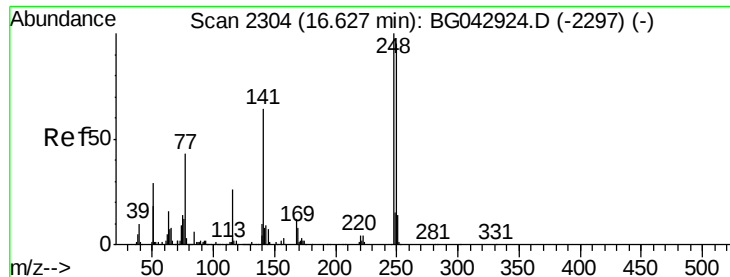
Tot Ion	198	Resp	126432
Ion Ratio	Lower	Upper	
198	100		
51	41.4	25.3	65.3
105	33.1	16.6	56.6



#66
 n-Nitrosodiphenylamine
 Concen: 51.696 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG042998.D
 Acq: 2 Oct 2019 23:35

Tgt Ion	169	Resp	563233
Ion Ratio	Lower	Upper	
169	100		
168	68.8	54.8	82.2
167	37.6	30.6	46.0

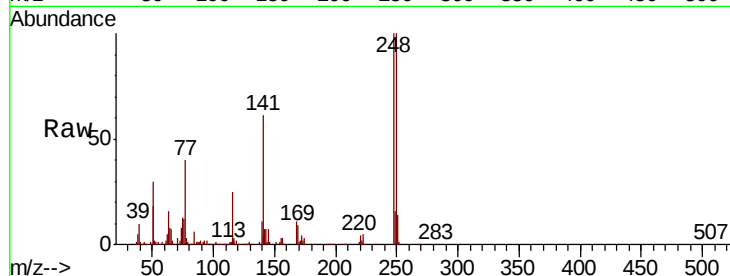




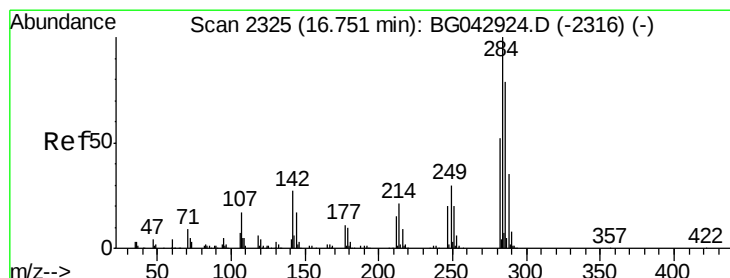
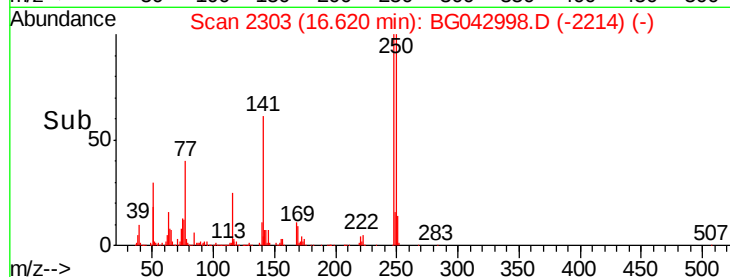
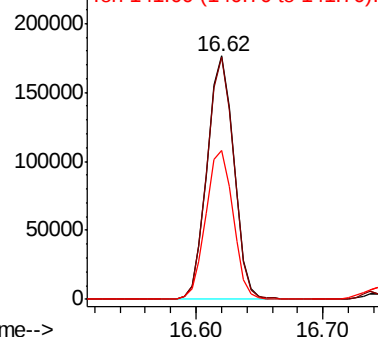
#67
4-Bromophenyl-phenylether
Concen: 49.632 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion:248 Resp: 257092
Ion Ratio Lower Upper
248 100
250 99.6 75.8 113.8
141 61.1 51.1 76.7

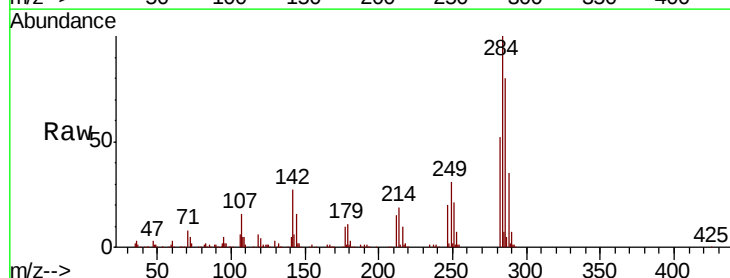


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

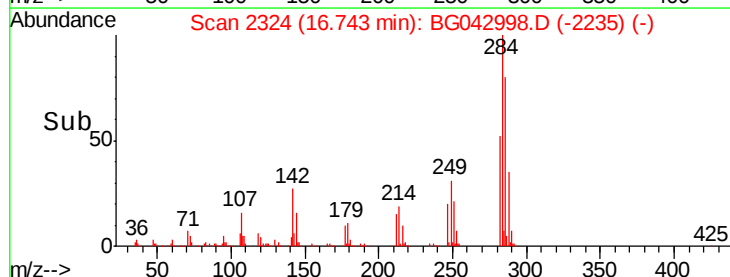
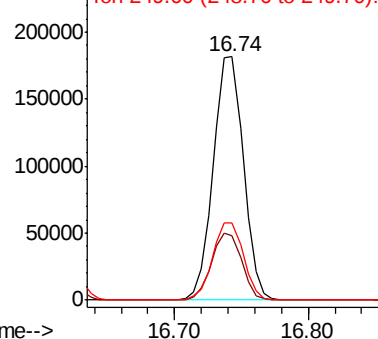


#68
Hexachlorobenzene
Concen: 49.132 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:284 Resp: 283374
Ion Ratio Lower Upper
284 100
142 26.7 21.6 32.4
249 31.5 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

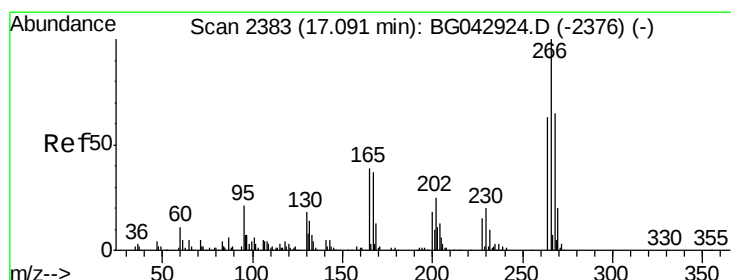
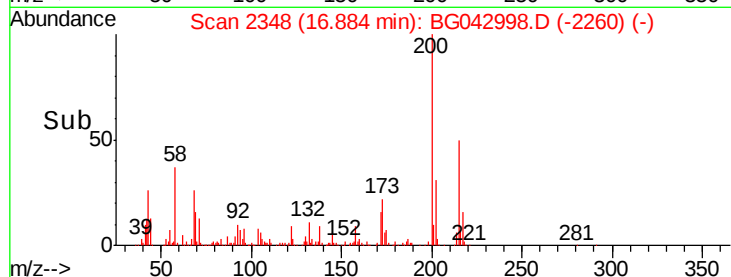
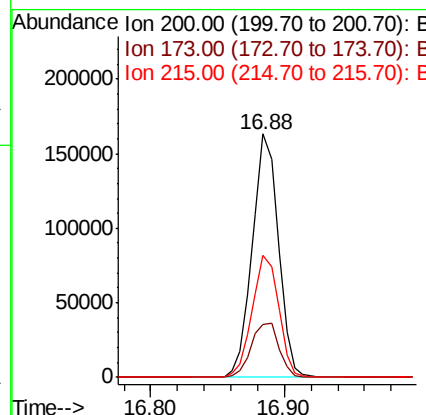
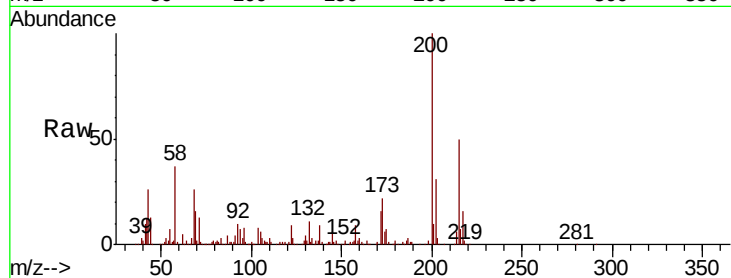




#69
Atrazine
Concen: 47.566 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

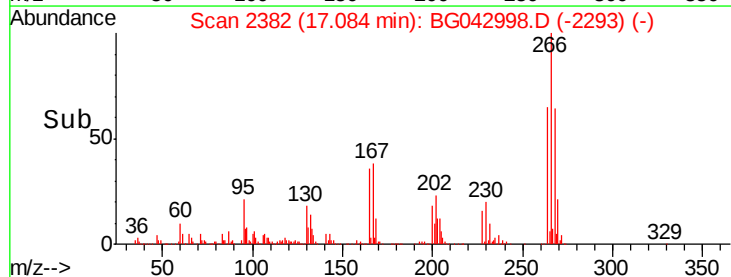
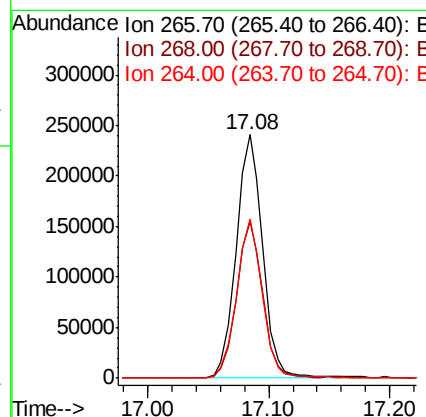
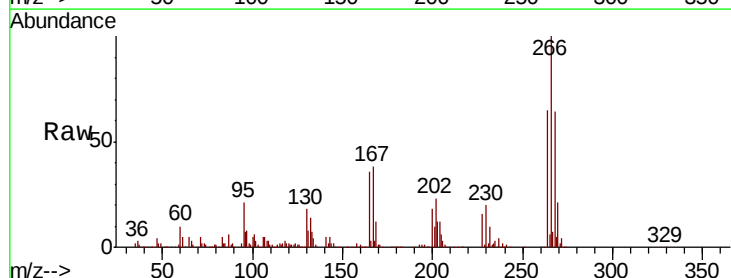
Instrument :
BNA_G
ClientSampleId :
S-1MSD

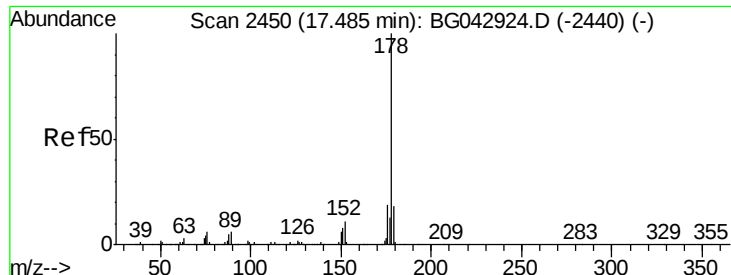
Tot Ion	Ratio	Lower	Upper
200	100		
173	21.9	4.0	44.0
215	50.1	27.4	67.4



#70
Pentachlorophenol
Concen: 110.573 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.2
264	65.5	50.7	76.1

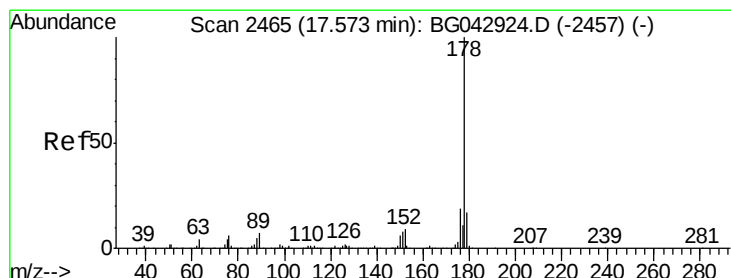
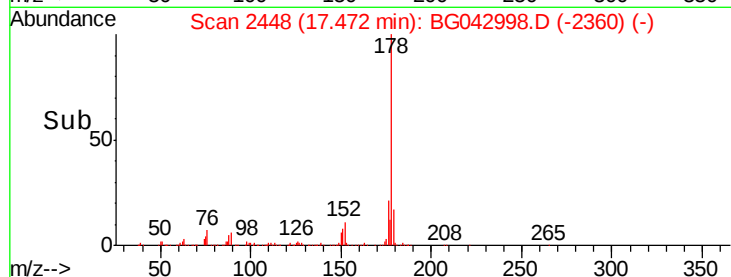
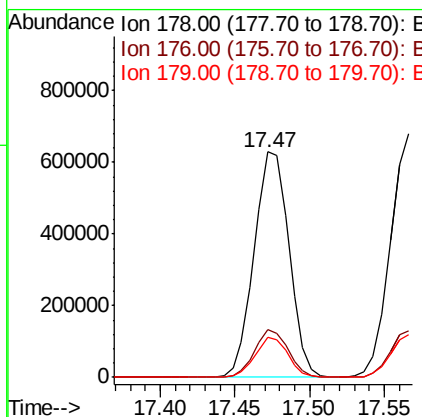
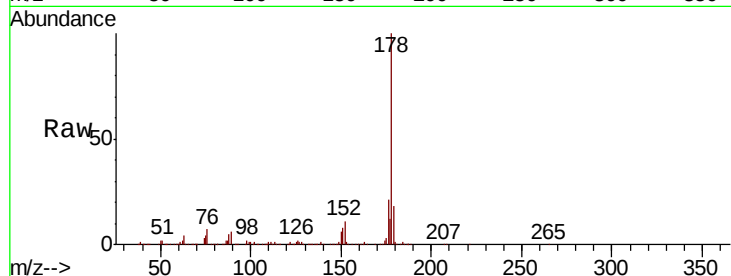




#71
Phenanthrene
Concen: 50.555 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

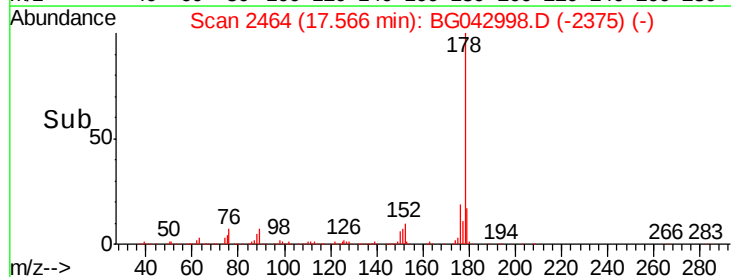
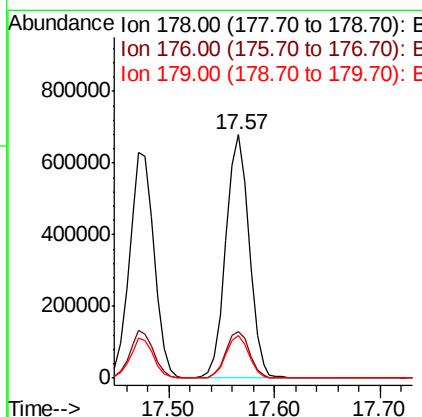
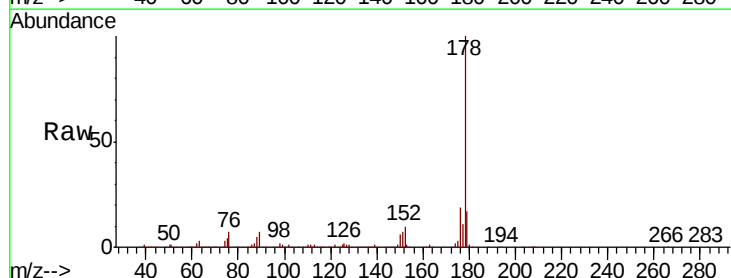
Instrument :
BNA_G
ClientSampleId :
S-1MSD

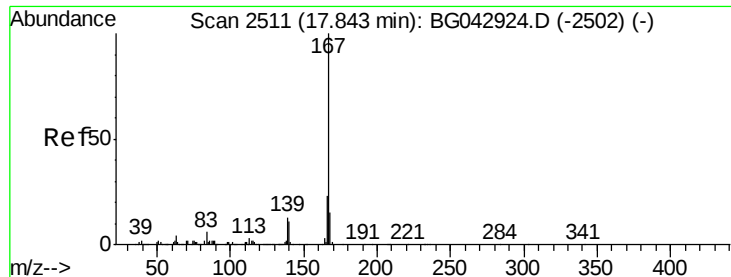
Tot Ion:178 Resp: 1018629
Ion Ratio Lower Upper
178 100
176 21.0 15.1 22.7
179 17.6 14.1 21.1



#72
Anthracene
Concen: 51.647 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:178 Resp: 1038881
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 17.3 13.5 20.3





#73

Carbazole

Concen: 50.878 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

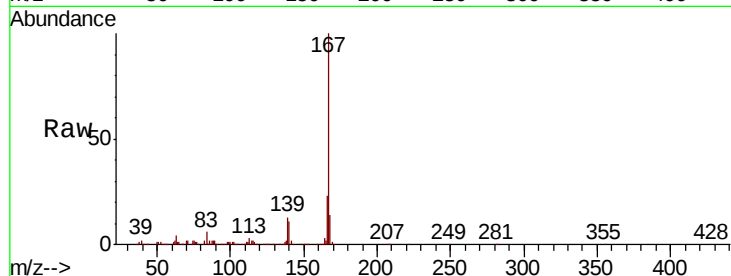
Tot Ion:167 Resp: 949023

Ion Ratio Lower Upper

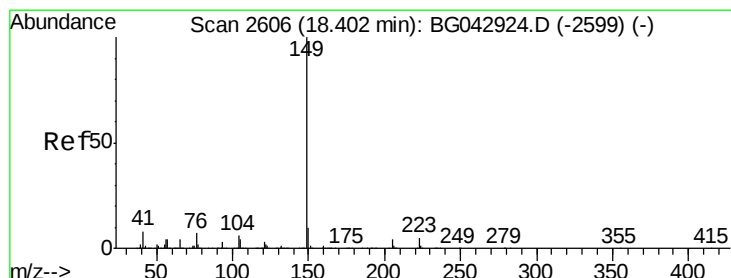
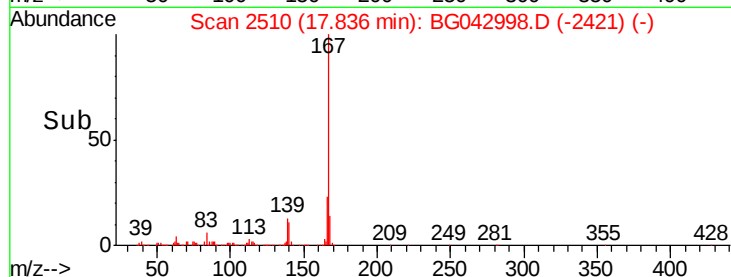
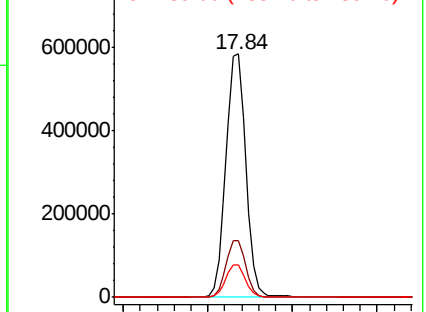
167 100

166 23.4 18.6 28.0

139 13.2 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: 48.551 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

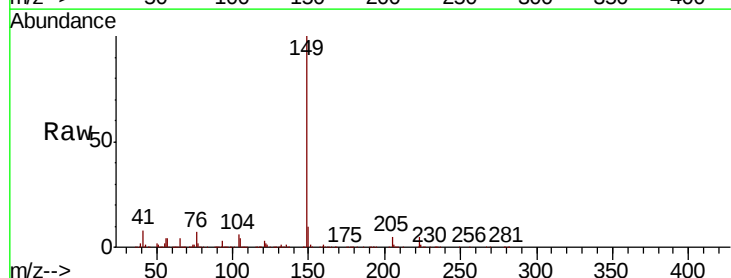
Tgt Ion:149 Resp: 1080527

Ion Ratio Lower Upper

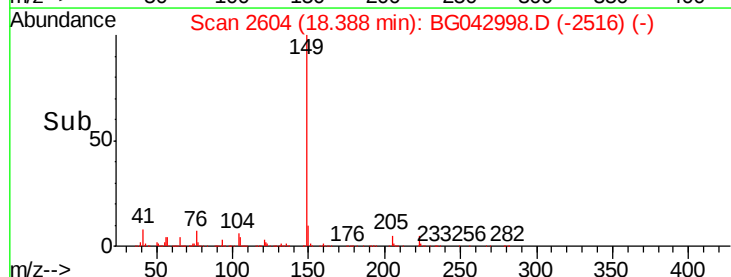
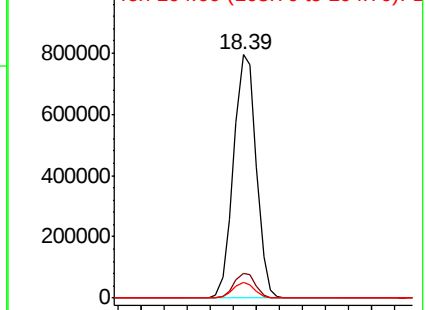
149 100

150 10.2 7.7 11.5

104 6.3 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: 49.679 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

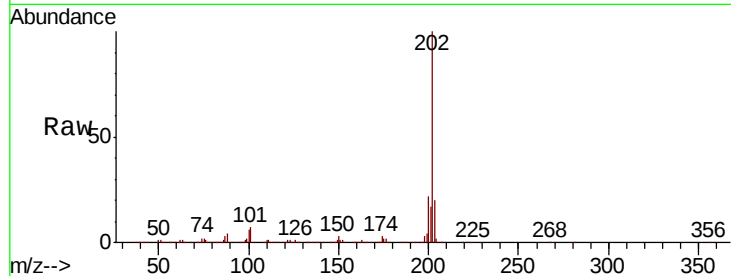
Tot Ion:202 Resp: 1323973

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.3

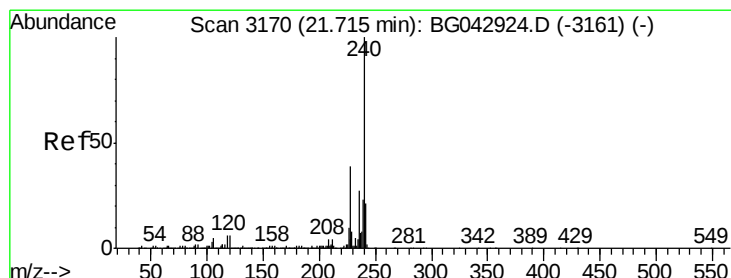
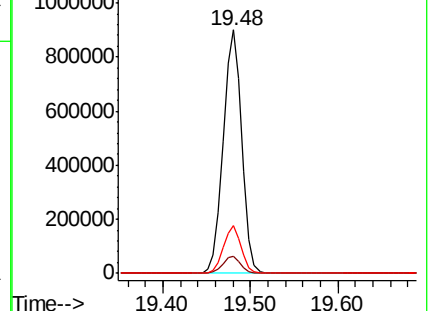
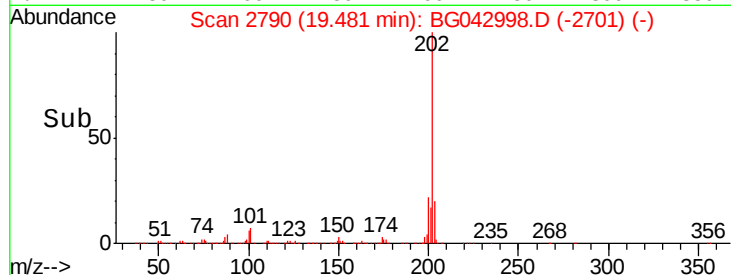
203 19.7 0.0 39.5



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: BG042998.D

Acq: 2 Oct 2019 23:35

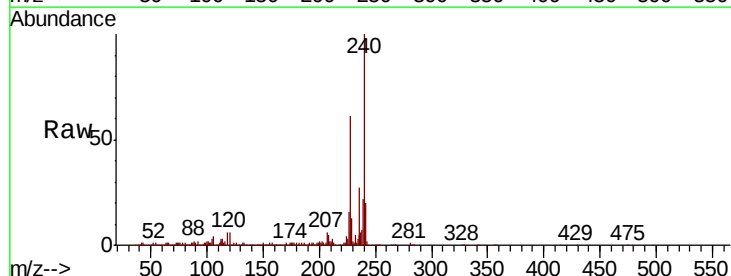
Tgt Ion:240 Resp: 446566

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

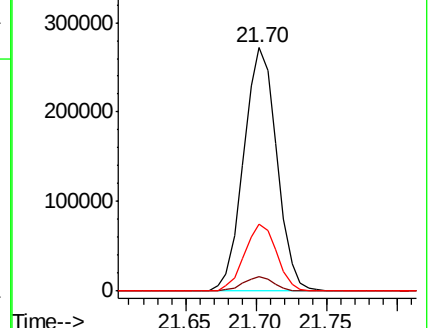
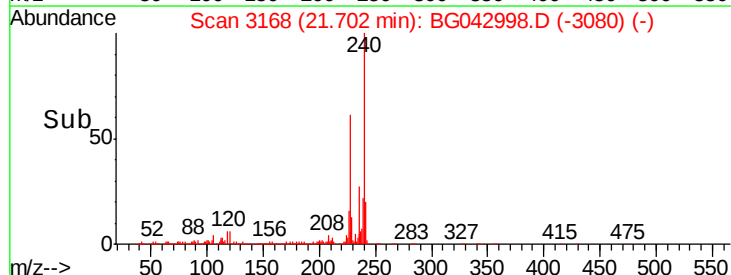
236 27.4 21.4 32.0



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: 64.203 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

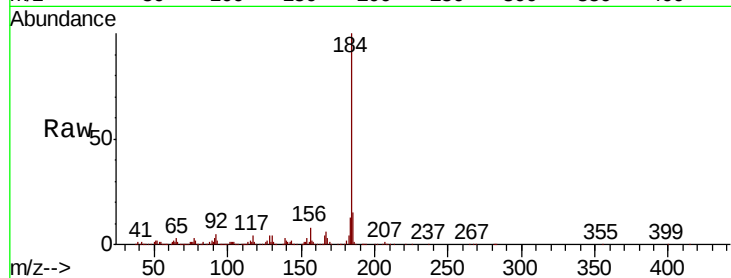
Tot Ion:184 Resp: 717894

Ion Ratio Lower Upper

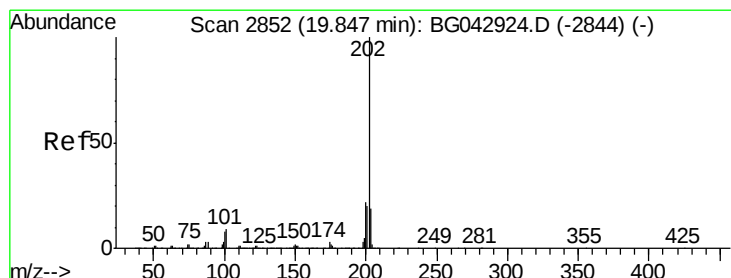
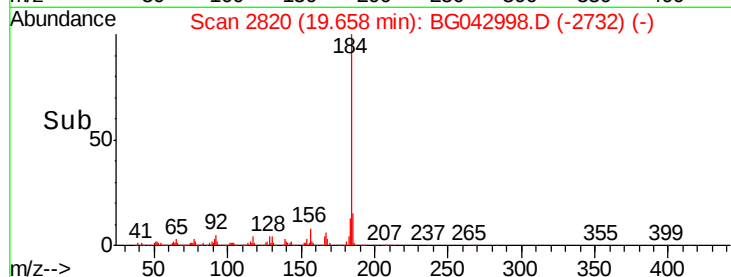
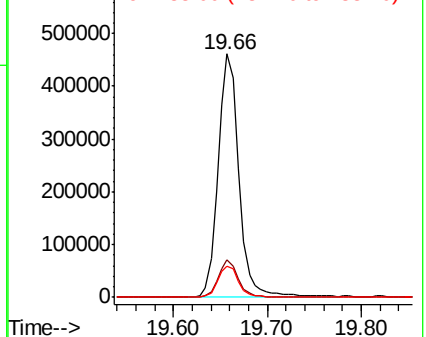
184 100

185 15.2 11.8 17.8

183 13.0 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.821 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

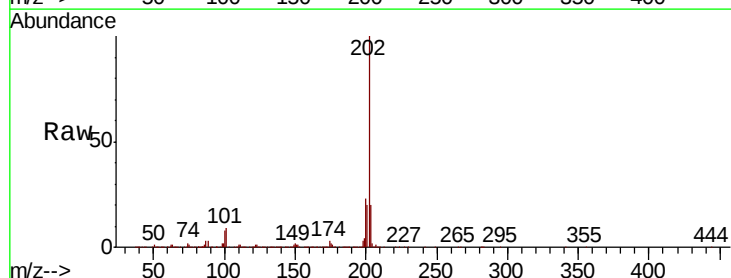
Tgt Ion:202 Resp: 1327929

Ion Ratio Lower Upper

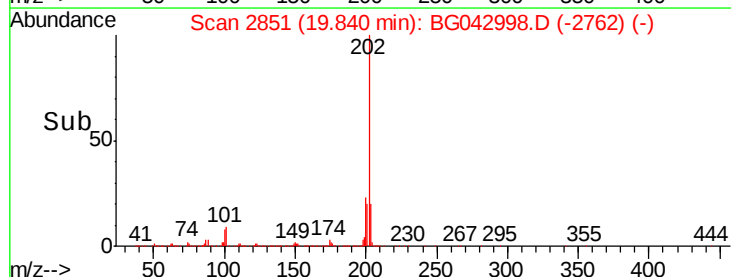
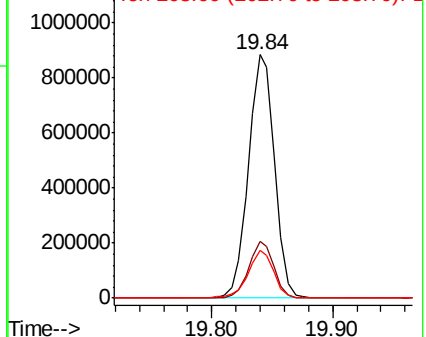
202 100

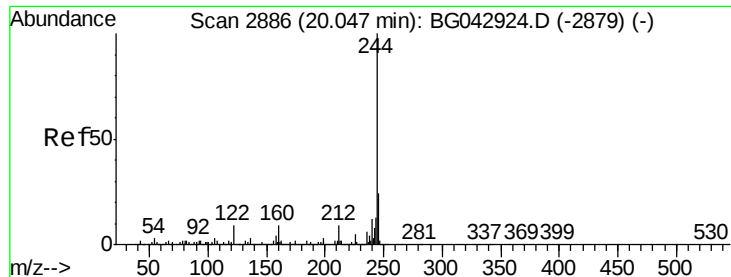
200 23.2 17.6 26.4

203 19.8 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: 84.452 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

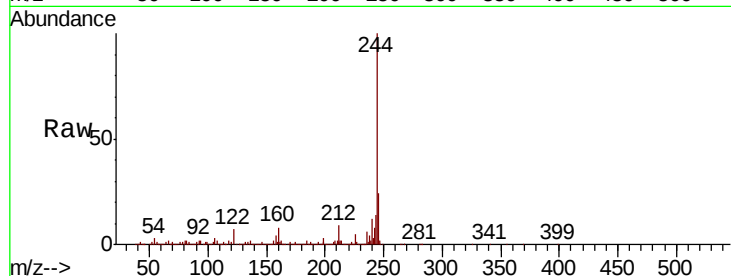
Tot Ion:244 Resp: 1769849

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

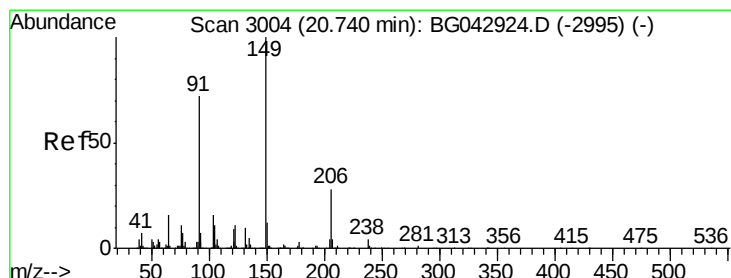
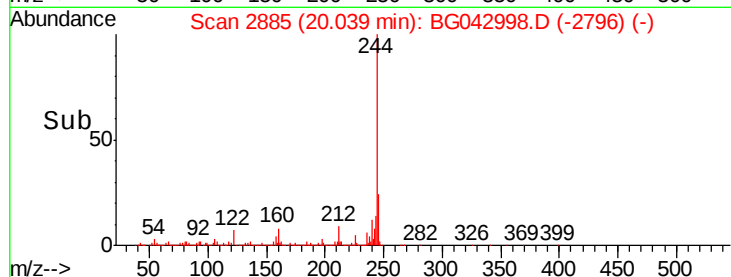
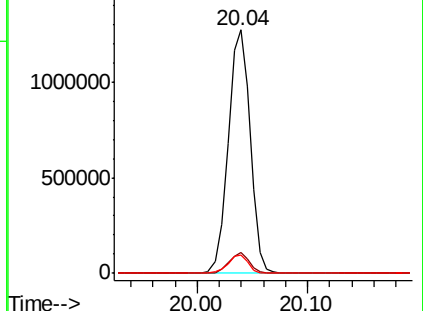
122 7.3 7.0 10.4



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: 50.466 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

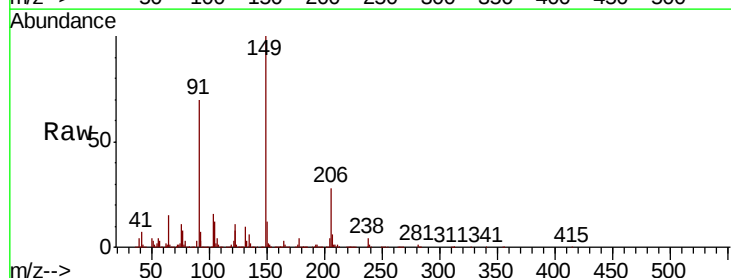
Tgt Ion:149 Resp: 510568

Ion Ratio Lower Upper

149 100

91 69.9 57.7 86.5

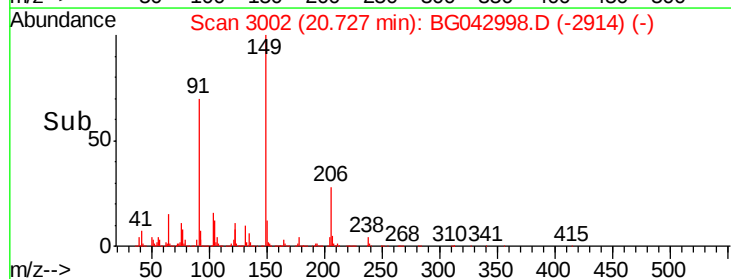
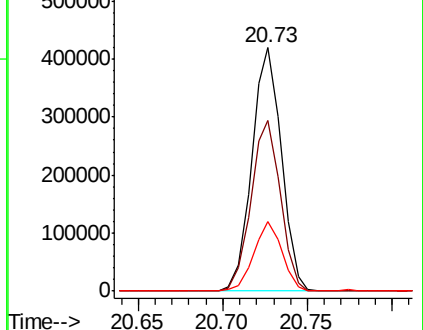
206 28.3 22.6 33.8

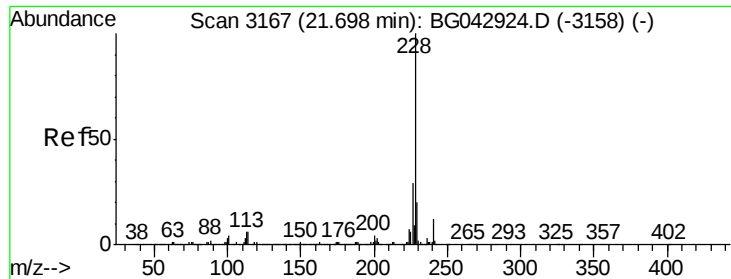


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.488 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

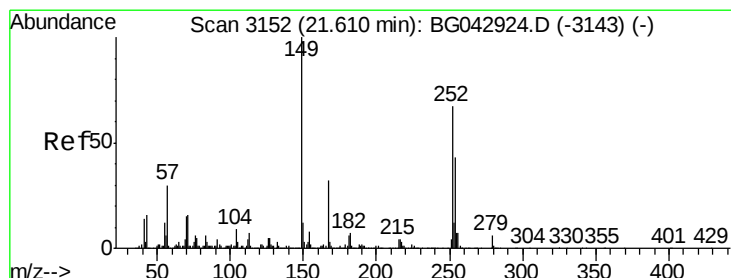
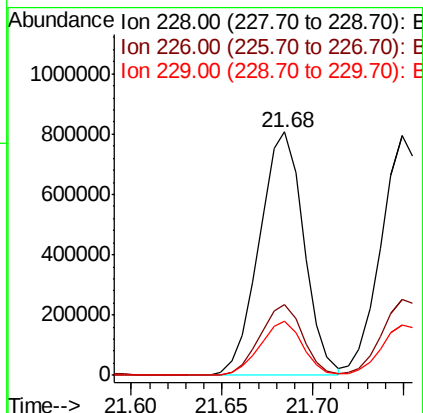
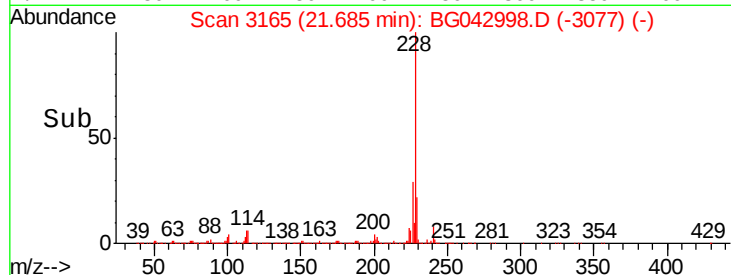
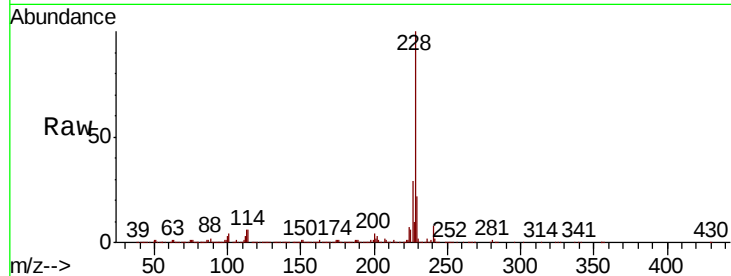
BNA_G

ClientSampled :

S-1MSD

Tot Ion:228 Resp: 1377017

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	22.1	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 32.106 ng

RT: 21.60 min Scan# 3150

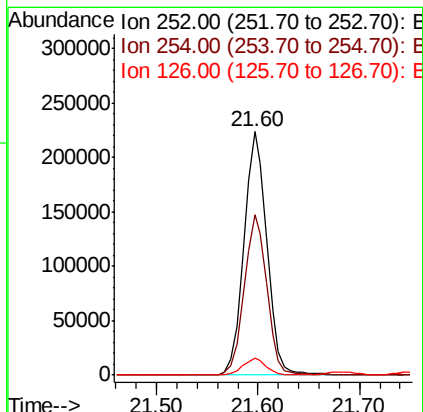
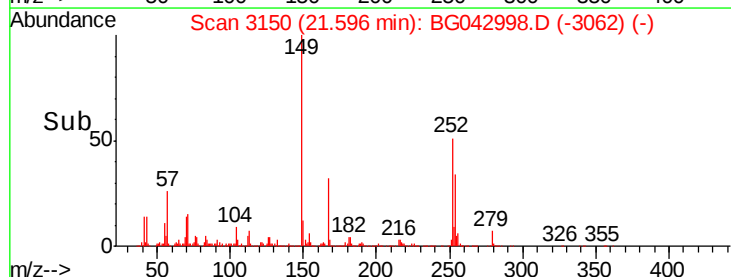
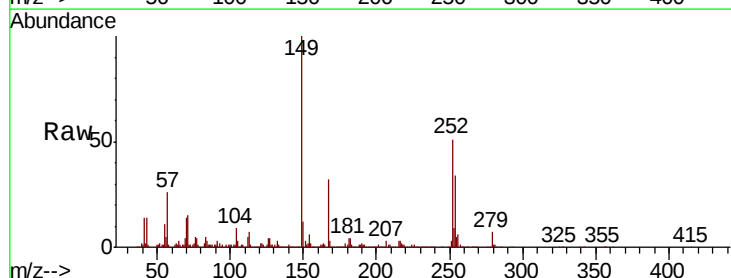
Delta R.T. -0.01 min

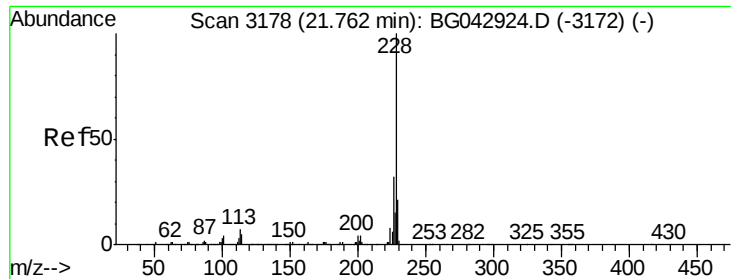
Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:252 Resp: 350386

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.9	77.9
126	7.3	6.1	9.1





#83

Chrysene

Concen: 49.521 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

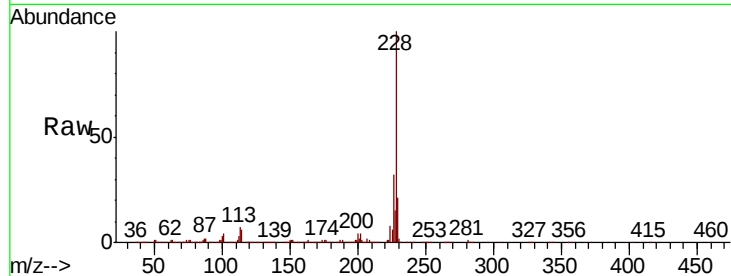
BNA_G

ClientSampleId :

S-1MSD

Tot Ion:228 Resp: 1337190

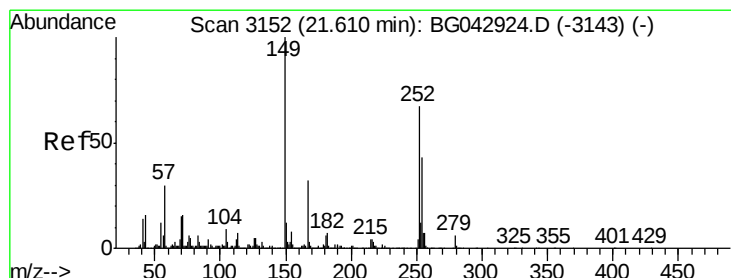
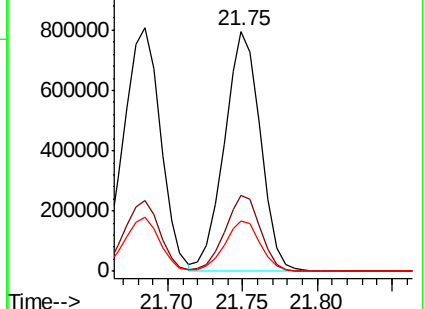
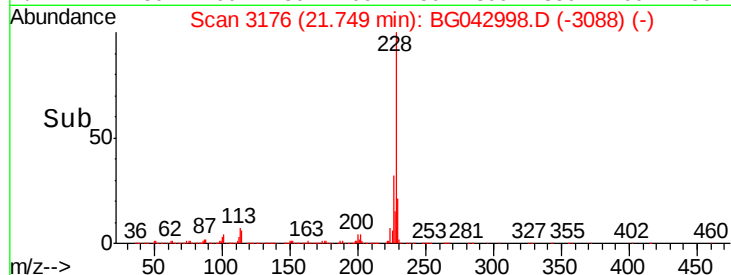
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.6	38.4
229	21.2	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.144 ng

RT: 21.59 min Scan# 3149

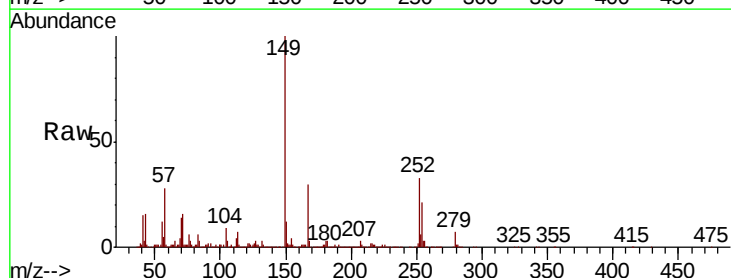
Delta R.T. -0.02 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:149 Resp: 736276

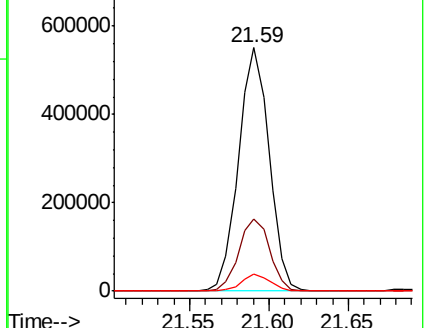
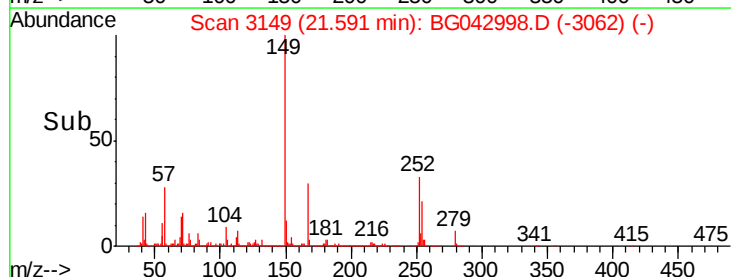
Ion	Ratio	Lower	Upper
149	100		
167	29.8	25.4	38.2
279	6.9	5.1	7.7

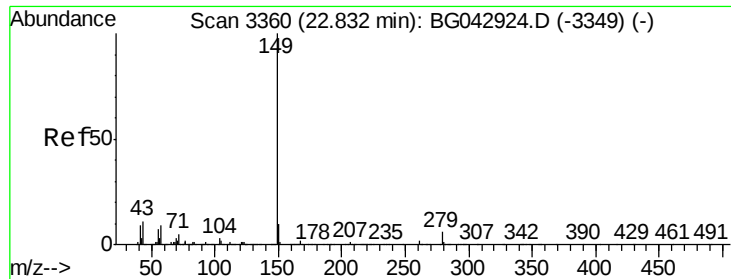


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

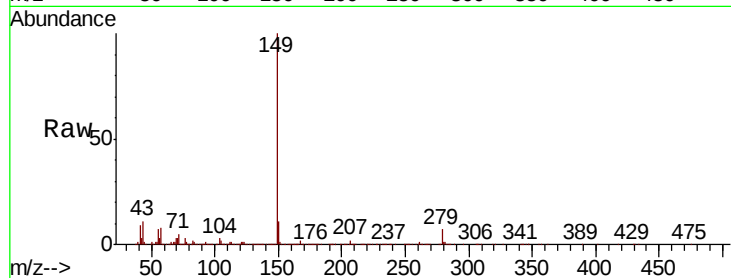




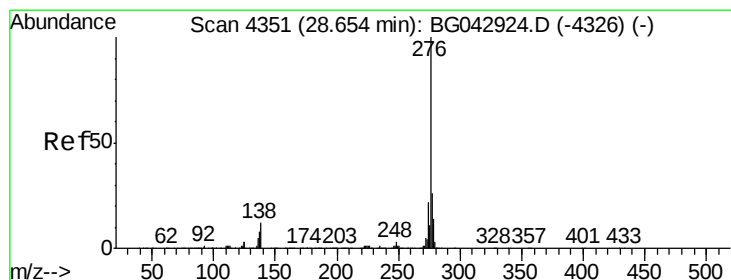
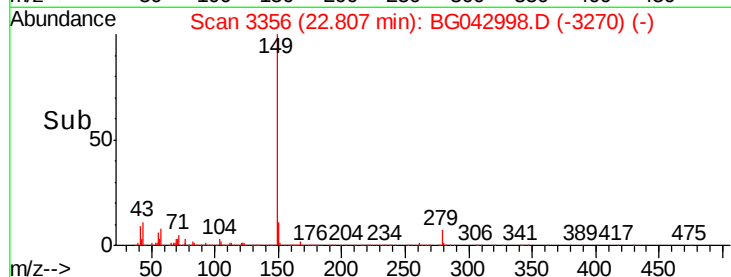
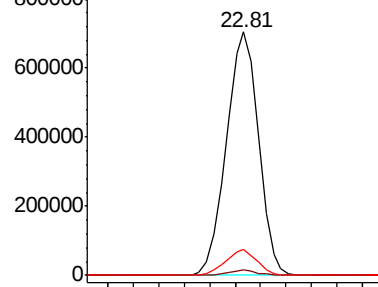
#85
Di-n-octyl phthalate
Concen: 52.801 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Instrument :
BNA_G
ClientSampleId :
S-1MSD

Tot Ion:149 Resp: 1242976
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 10.2 8.7 13.1

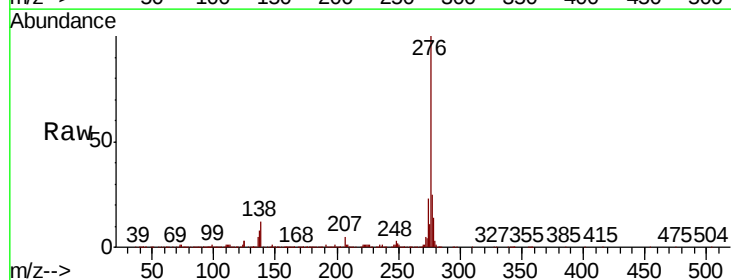


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

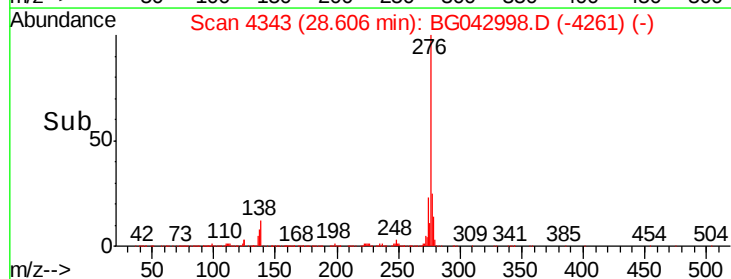
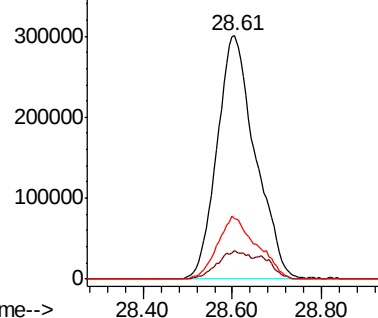


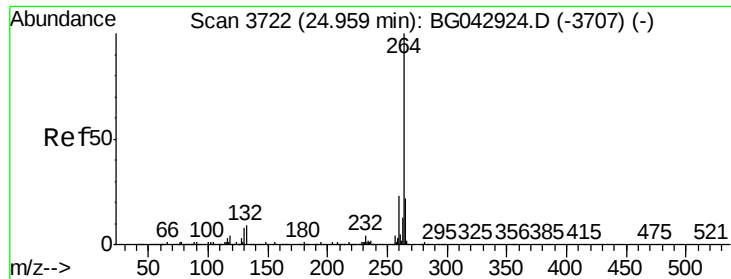
#86
Indeno(1,2,3-cd)pyrene
Concen: 52.900 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.05 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:276 Resp: 1778249
Ion Ratio Lower Upper
276 100
138 9.8 7.0 10.6
277 26.5 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

BNA_G

ClientSampleId :

S-1MSD

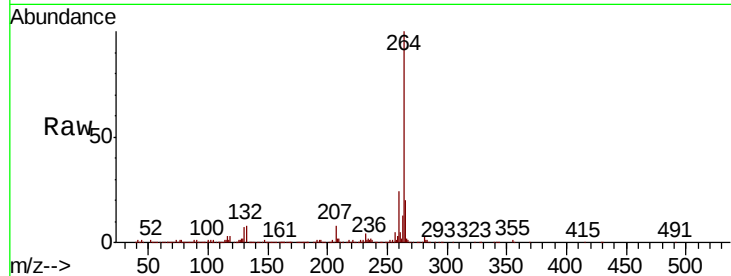
Tot Ion:264 Resp: 529910

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

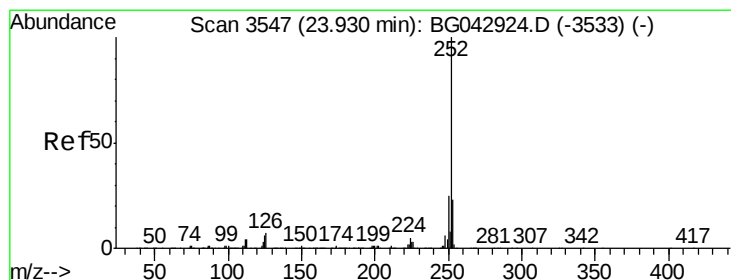
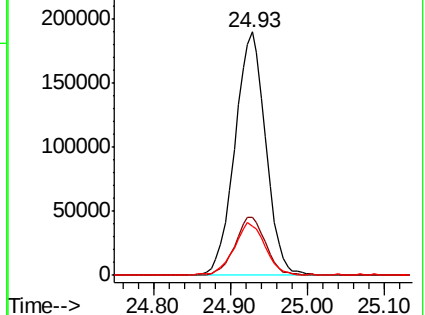
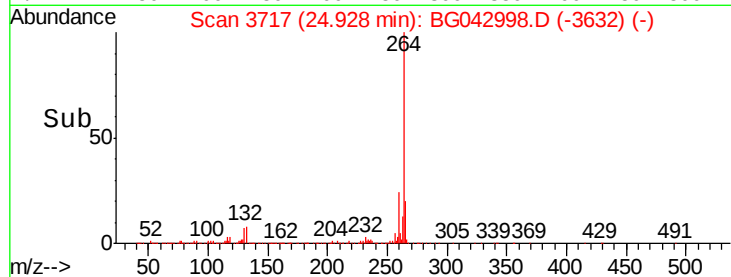
265 20.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.869 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.02 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

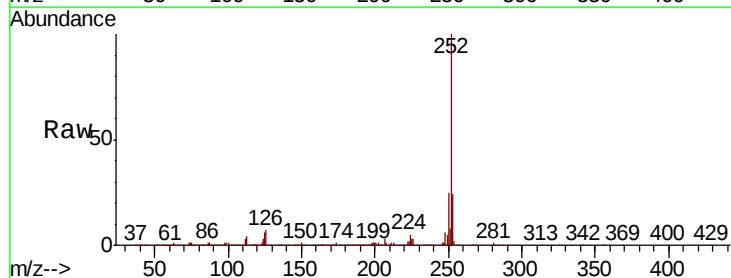
Tgt Ion:252 Resp: 1465281

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

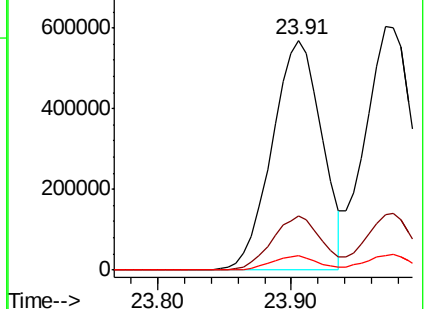
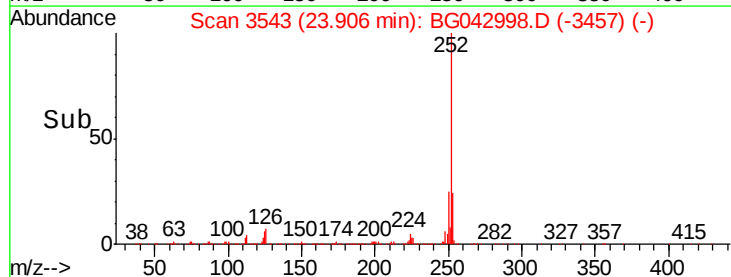
125 6.4 4.6 7.0

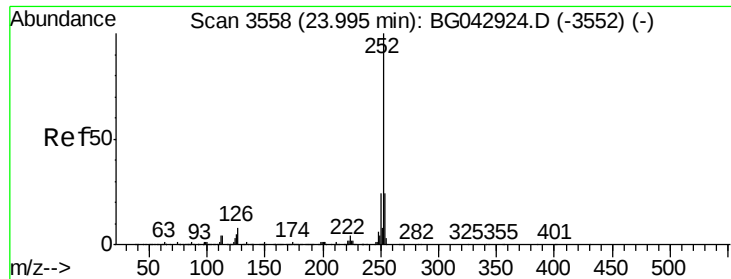


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

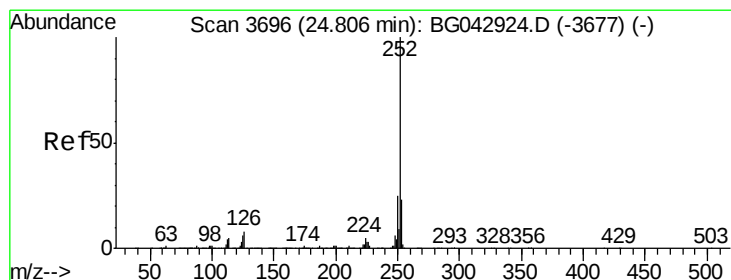
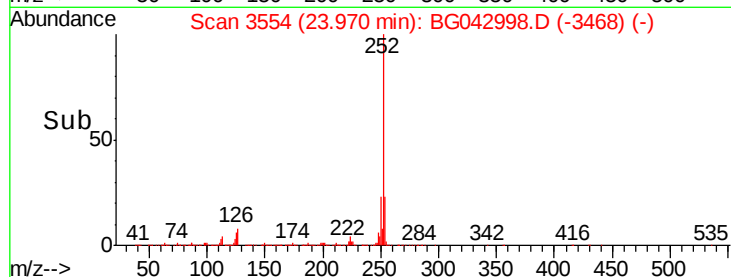
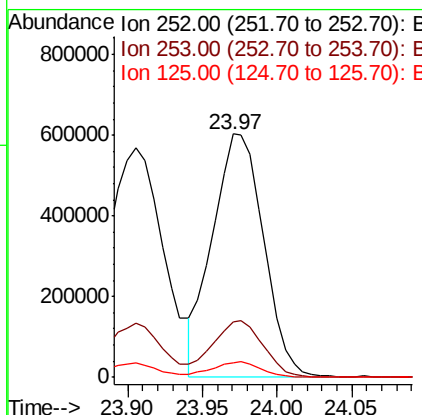
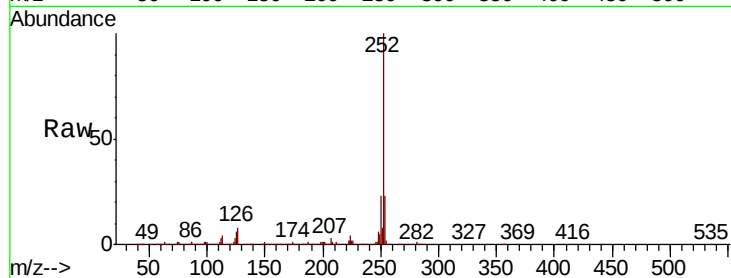




#89
Benzo(k)fluoranthene
Concen: 48.322 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.02 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

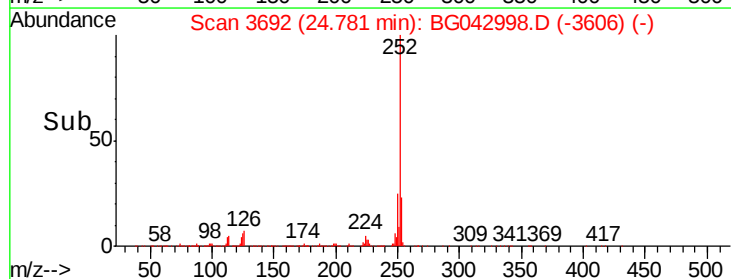
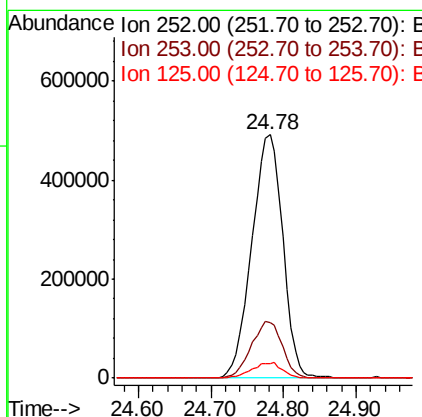
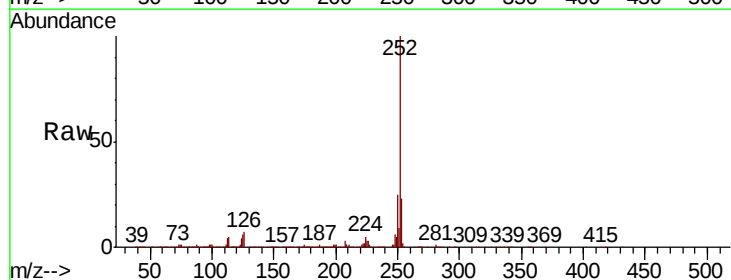
Instrument :
BNA_G
ClientSampleId :
S-1MSD

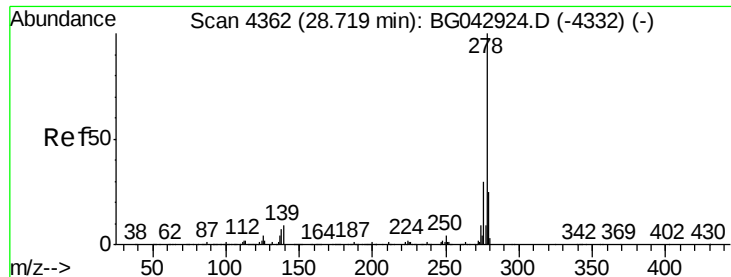
Tot Ion:252 Resp: 1433325
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 5.7 4.5 6.7



#90
Benzo(a)pyrene
Concen: 51.680 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG042998.D
Acq: 2 Oct 2019 23:35

Tgt Ion:252 Resp: 1461941
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 5.9 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 51.982 ng

RT: 28.66 min Scan# 4353

Delta R.T. -0.05 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Instrument :

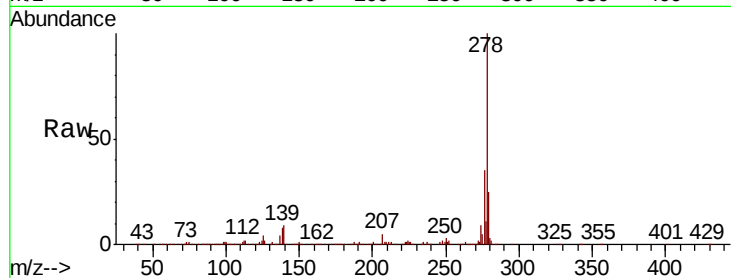
BNA_G

ClientSampleId :

S-1MSD

Tot Ion:278 Resp: 1507872

Ion	Ratio	Lower	Upper
278	100		
139	9.1	6.8	10.2
279	24.8	20.1	30.1

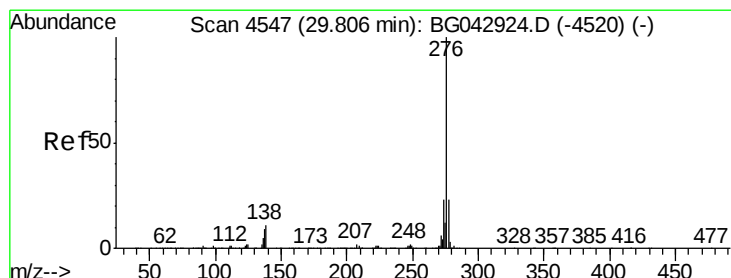
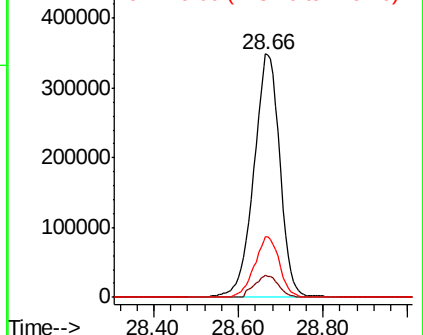
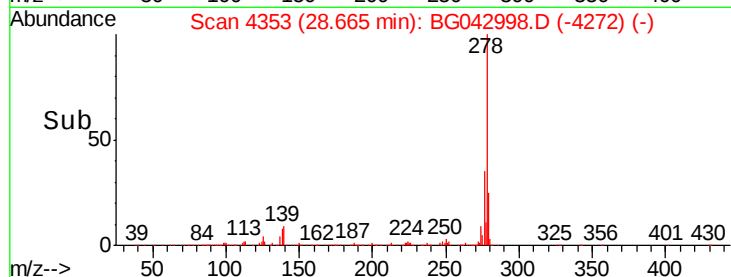


Abundance

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: 52.977 ng

RT: 29.75 min Scan# 4537

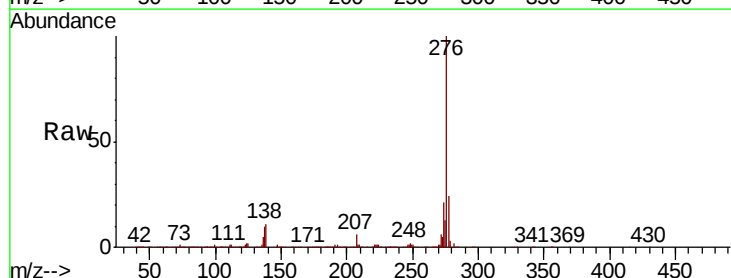
Delta R.T. -0.06 min

Lab File: BG042998.D

Acq: 2 Oct 2019 23:35

Tgt Ion:276 Resp: 1488958

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	10.9	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

