

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048592.D
 Acq On : 5 Apr 2021 20:40
 Operator : CG/JU
 Sample : M1909-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB-10-26-27

Quant Time: Apr 06 04:42:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	39740	20.00	ng	# 0.01
21) Naphthalene-d8	11.015	136	118905	20.00	ng	# 0.09
39) Acenaphthene-d10	14.752	164	109960	20.00	ng	0.00
64) Phenanthrene-d10	17.513	188	196812	20.00	ng	# 0.00
76) Chrysene-d12	21.820	240	180155	20.00	ng	# 0.02
86) Perylene-d12	25.180	264	178902	20.00	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	249280	110.75	ng	0.04
7) Phenol-d6	7.266	99	393004	120.39	ng	0.02
23) Nitrobenzene-d5	9.281	82	274508	111.77	ng	0.01
42) 2,4,6-Tribromophenol	16.244	330	106863	73.93	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	676920	91.50	ng	0.00
79) Terphenyl-d14	20.128	244	793172	80.52	ng	0.01
Target Compounds						
						Qvalue
3) Pyridine	3.935	79	91464	40.28	ng	# 41
6) Aniline	7.484	93	17118	4.57	ng	# 1
9) Benzaldehyde	7.249	77	239317	114.69	ng	# 1
10) Phenol	7.296	94	17318	5.30	ng	# 7
15) Benzyl Alcohol	8.300	79	14870	5.56	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.688	45	4842	2.21	ng	# 1
18) Hexachloroethane	9.229	117	279503	260.34	ng	# 1
19) n-Nitroso-di-n-propyla...	8.864	70	9292	4.13	ng	# 40
20) 3+4-Methylphenols	8.876	107	10555	3.60	ng	# 1
22) Acetophenone	9.064	105	77810	25.38	ng	# 39
24) Nitrobenzene	9.387	77	8559	3.55	ng	# 44
26) 2-Nitrophenol	10.098	139	3348	3.02	ng	# 1
27) 2,4-Dimethylphenol	10.145	122	5266	3.02	ng	# 1
28) bis(2-Chloroethoxy)met...	10.392	93	7665	3.69	ng	# 1
31) Naphthalene	11.132	128	24660700	4033.67	ng	# 1
32) Benzoic acid	10.374	122	9114	6.80	ng	# 1
33) 4-Chloroaniline	11.126	127	11924677	4622.03	ng	# 31
35) Caprolactam	11.943	113	15992	22.22	ng	# 1
37) 2-Methylnaphthalene	12.642	142	7699135	1581.88	ng	# 78
38) 1-Methylnaphthalene	12.848	142	4442690	957.12	ng	# 94
46) 1,1'-Biphenyl	13.588	154	661049	82.28	ng	94
48) 2-Nitroaniline	13.811	65	4488	2.31	ng	# 30
49) Acenaphthylene	14.475	152	139398	14.53	ng	# 70
50) Dimethylphthalate	14.193	163	33036	4.05	ng	# 92
51) 2,6-Dinitrotoluene	14.358	165	8672	4.64	ng	# 1
52) Acenaphthene	14.816	154	116591	16.80	ng	# 88
54) 2,4-Dinitrophenol	14.863	184	4949	4.71	ng	# 1
55) Dibenzofuran	15.151	168	143891	14.19	ng	# 94
56) 4-Nitrophenol	14.998	139	4264	2.89	ng	# 1
57) 2,4-Dinitrotoluene	15.110	165	40287	15.25	ng	# 37
58) Fluorene	15.803	166	170640	20.11	ng	99
61) 4-Chlorophenyl-phenyle...	15.744	204	13137	2.88	ng	# 90
63) Azobenzene	16.115	77	31838	3.86	ng	# 46
71) Phenanthrene	17.560	178	673403	65.91	ng	99
72) Anthracene	17.560	178	673403	66.14	ng	97
73) Carbazole	17.918	167	48769	5.05	ng	# 71

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
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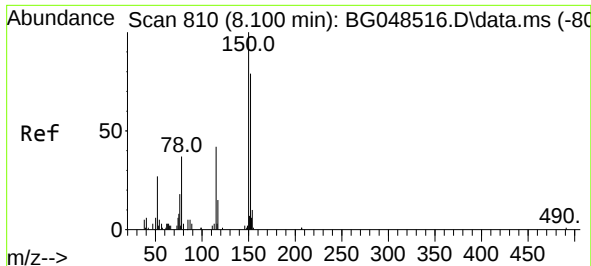
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

75) Fluoranthene	19.575	202	644223	50.86	ng	96
78) Pyrene	19.934	202	622902	50.29	ng	94
81) Benzo(a)anthracene	21.802	228	304290	25.28	ng	97
83) Chrysene	21.867	228	282908	24.63	ng	92
87) Indeno(1,2,3-cd)pyrene	29.023	276	129316	10.31	ng #	87
88) Benzo(b)fluoranthene	24.111	252	303999	26.16	ng	95
89) Benzo(k)fluoranthene	24.111	252	303999	27.21	ng #	93
90) Benzo(a)pyrene	25.022	252	220896	20.63	ng #	99
91) Dibenzo(a,h)anthracene	29.076	278	25828	2.41	ng #	98
92) Benzo(g,h,i)perylene	30.233	276	122097	11.65	ng	95

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

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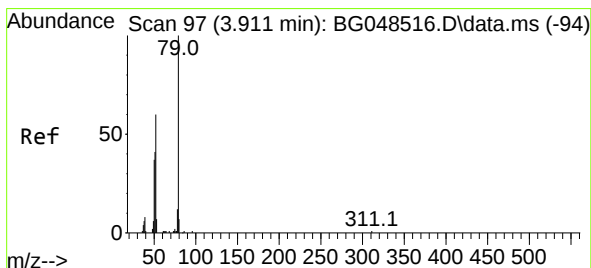
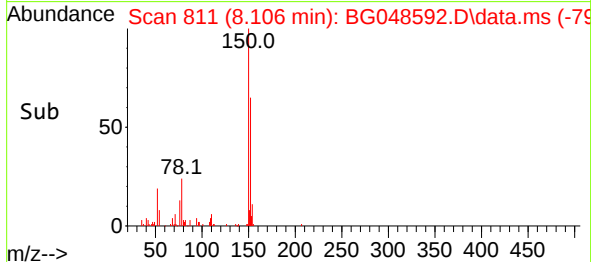
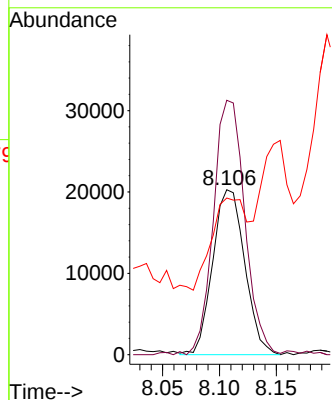
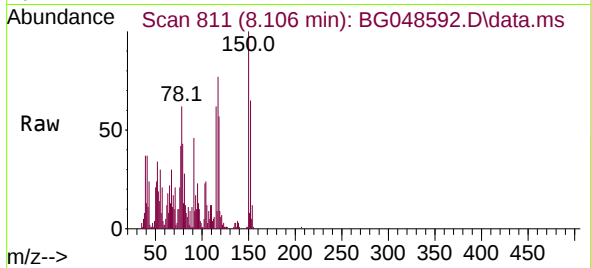




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. 0.012 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

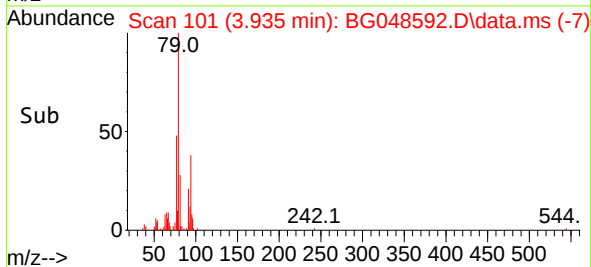
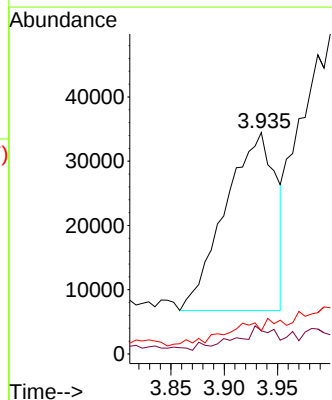
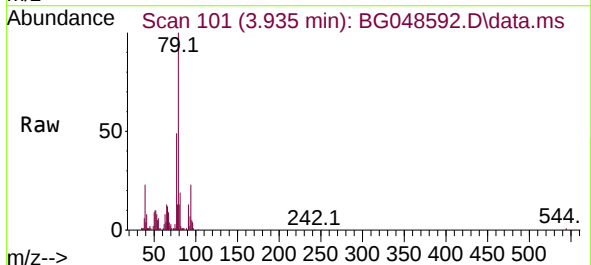
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

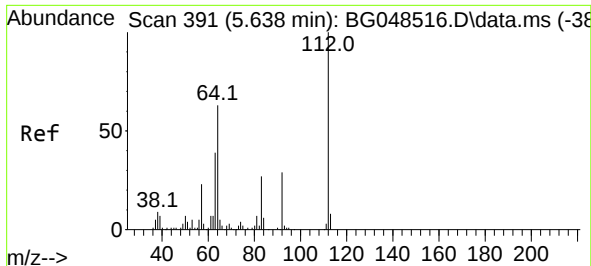
Tgt Ion:152 Resp: 39740
Ion Ratio Lower Upper
152 100
150 154.2 101.3 151.9#
115 94.9 42.3 63.5#



#3
Pyridine
Concen: 40.28 ng
RT: 3.935 min Scan# 101
Delta R.T. 0.024 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion: 79 Resp: 91464
Ion Ratio Lower Upper
79 100
52 10.5 48.2 72.2#
51 10.4 33.2 49.8#

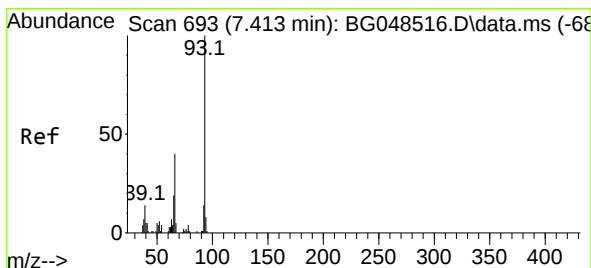
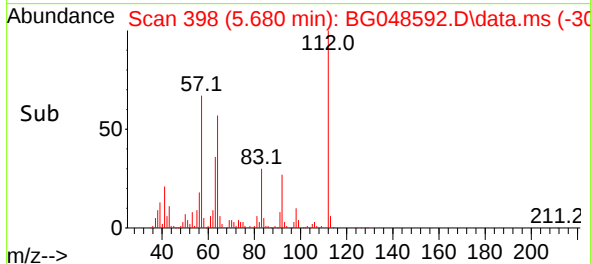
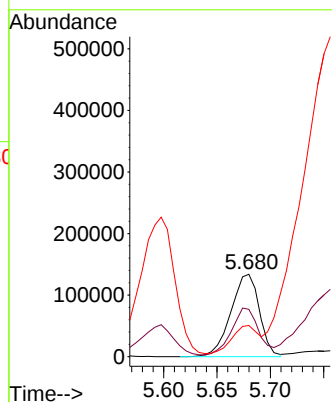
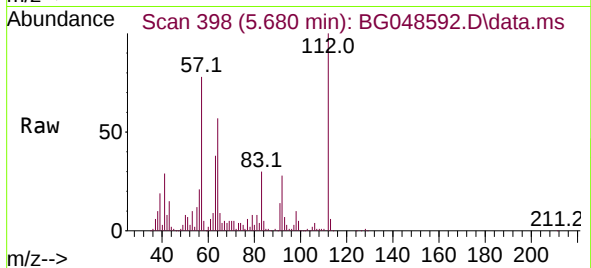




#5
2-Fluorophenol
Concen: 110.75 ng
RT: 5.680 min Scan# 398
Delta R.T. 0.042 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

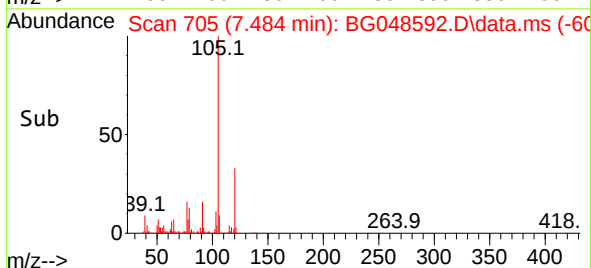
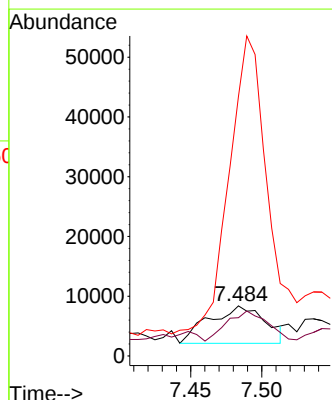
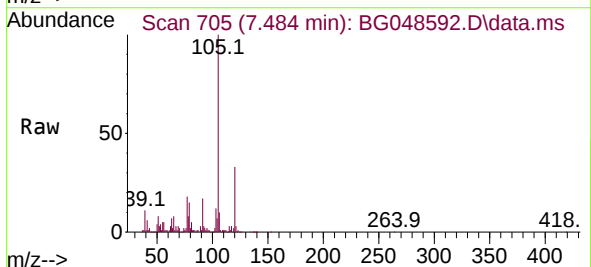
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

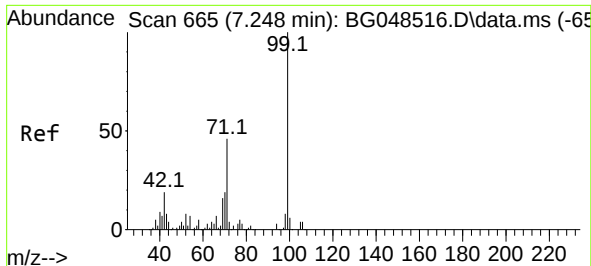
Tgt Ion:112 Resp: 249280
Ion Ratio Lower Upper
112 100
64 57.5 50.4 75.6
63 37.8 31.4 47.2



#6
Aniline
Concen: 4.57 ng
RT: 7.484 min Scan# 705
Delta R.T. 0.066 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion: 93 Resp: 17118
Ion Ratio Lower Upper
93 100
66 76.4 31.8 47.6#
65 517.3 15.2 22.8#

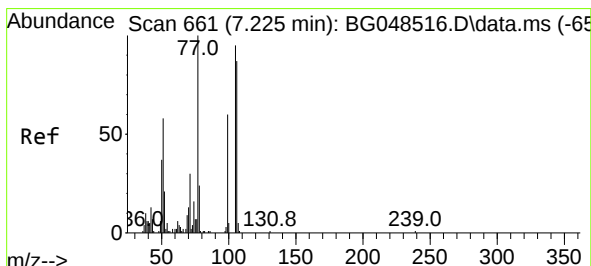
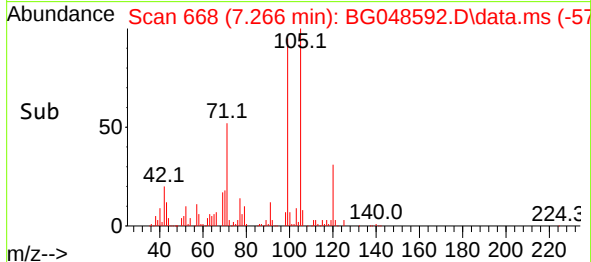
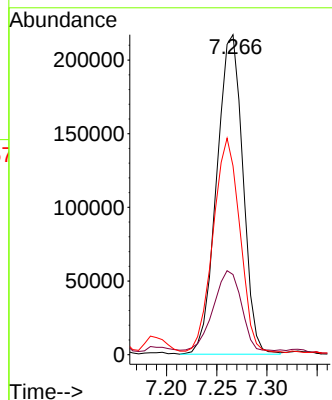
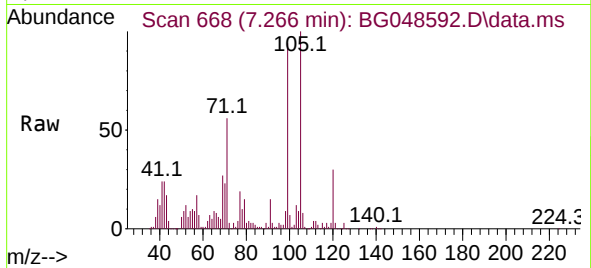




#7
Phenol-d6
Concen: 120.39 ng
RT: 7.266 min Scan# 668
Delta R.T. 0.019 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

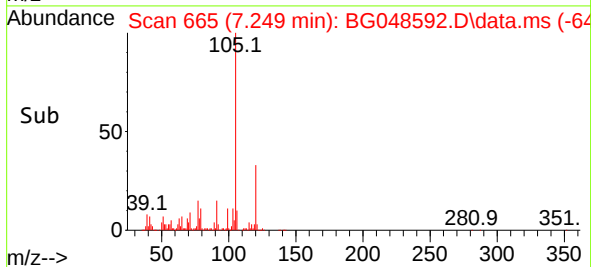
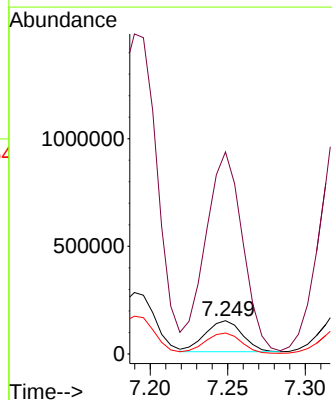
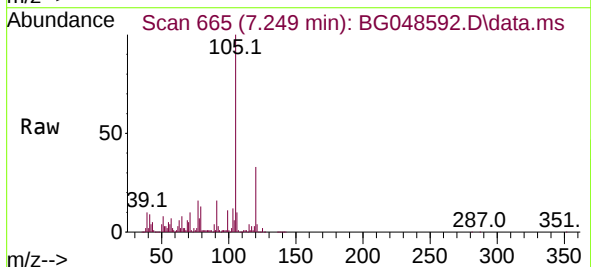
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ClientSampleId :
FS-SB-10-26-27

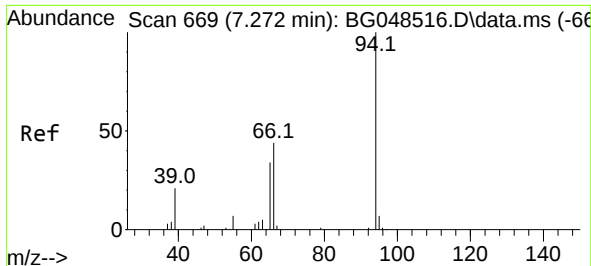
Tgt Ion: 99 Resp: 393004
Ion Ratio Lower Upper
99 100
42 25.0 15.5 23.3#
71 59.0 36.6 54.8#



#9
Benzaldehyde
Concen: 114.69 ng
RT: 7.249 min Scan# 665
Delta R.T. 0.024 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion: 77 Resp: 239317
Ion Ratio Lower Upper
77 100
105 606.8 75.2 115.2#
106 62.9 66.5 106.5#

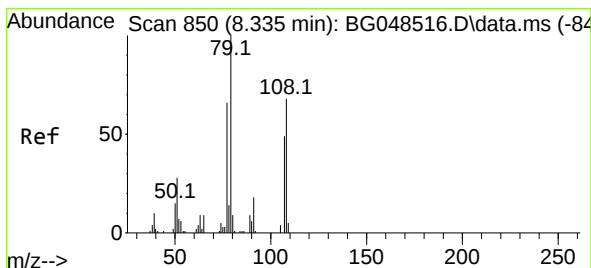
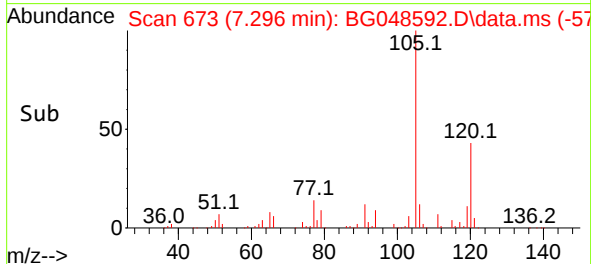
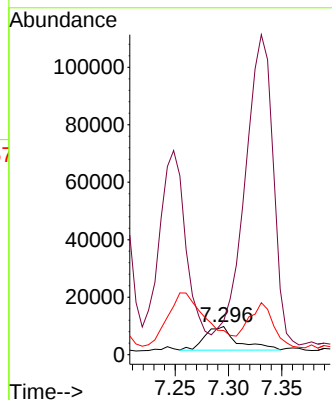
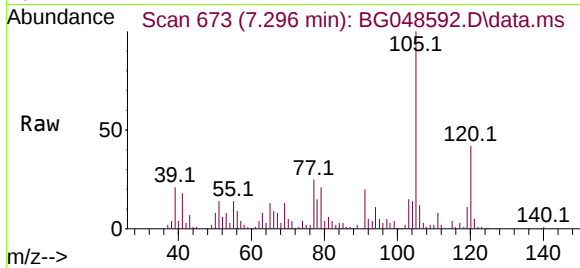




#10
Phenol
Concen: 5.30 ng
RT: 7.296 min Scan# 673
Delta R.T. 0.024 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

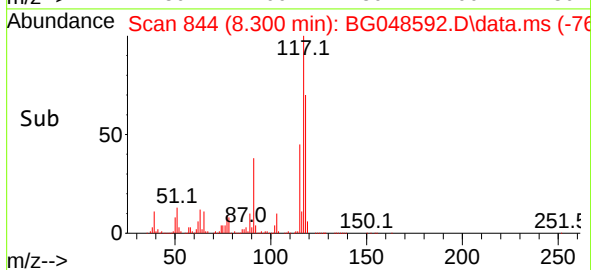
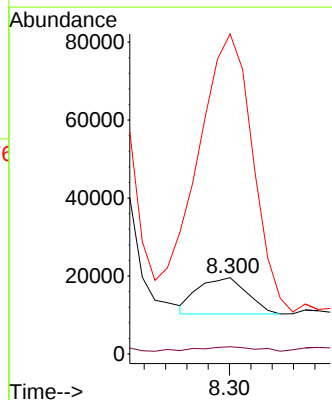
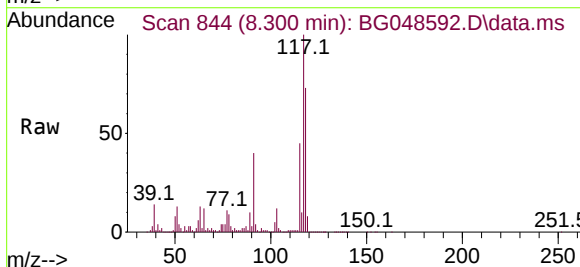
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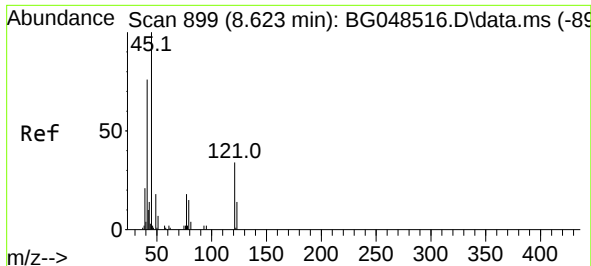
Tgt Ion: 94 Resp: 17318
Ion Ratio Lower Upper
94 100
65 120.2 15.1 55.1#
66 85.8 28.9 68.9#



#15
Benzyl Alcohol
Concen: 5.56 ng
RT: 8.300 min Scan# 844
Delta R.T. -0.034 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

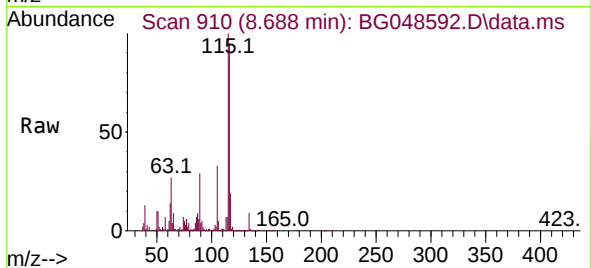
Tgt Ion: 79 Resp: 14870
Ion Ratio Lower Upper
79 100
108 9.5 54.1 81.1#
77 419.2 52.6 79.0#



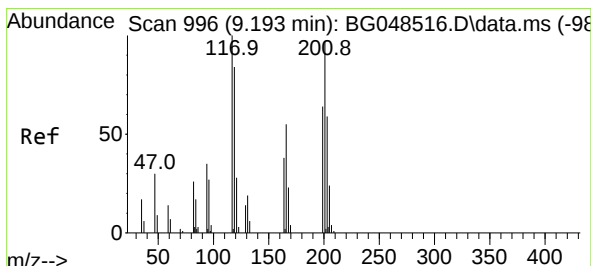
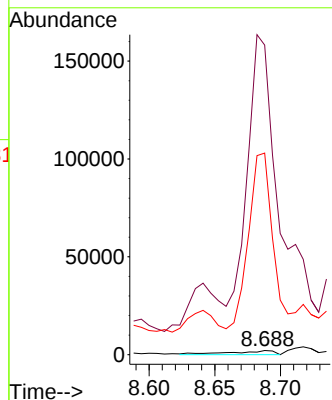
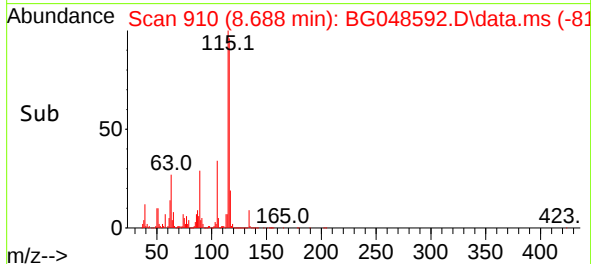


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.21 ng
RT: 8.688 min Scan# 910
Delta R.T. 0.060 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

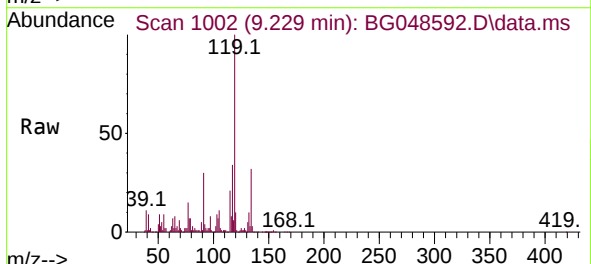
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FS-SB-10-26-27



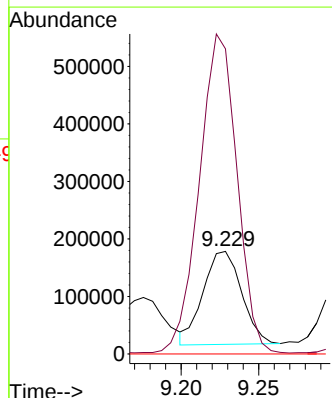
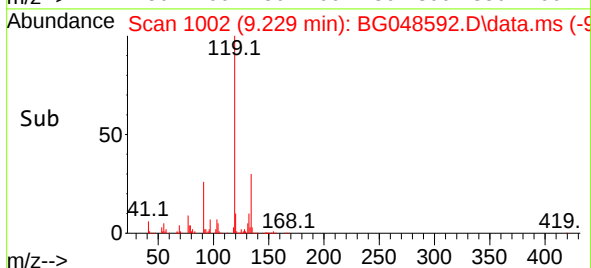
Tgt Ion: 45 Resp: 4842
Ion Ratio Lower Upper
45 100
77 7483.8 0.0 38.4#
79 4873.0 0.0 34.5#

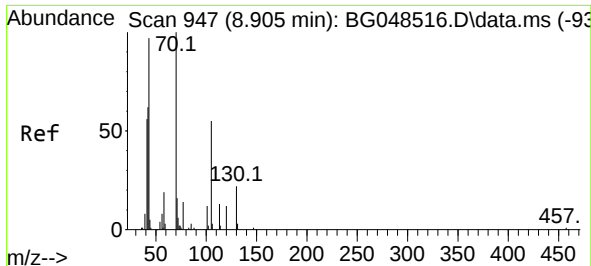


#18
Hexachloroethane
Concen: 260.34 ng
RT: 9.229 min Scan# 1002
Delta R.T. 0.036 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40



Tgt Ion: 117 Resp: 279503
Ion Ratio Lower Upper
117 100
119 297.3 67.0 100.6#
201 0.0 79.8 119.6#



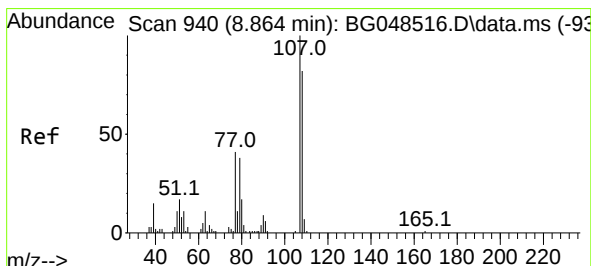
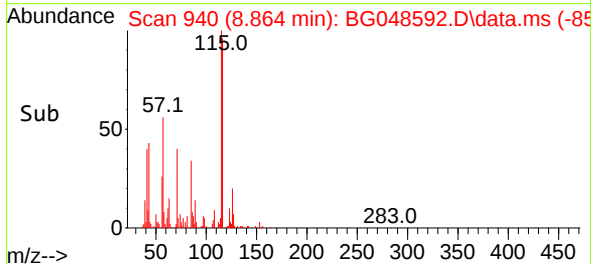
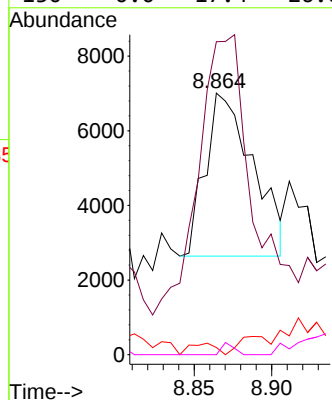
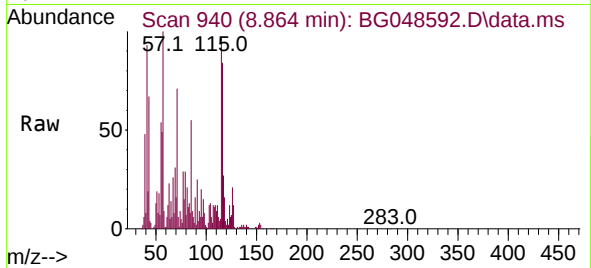


#19
n-Nitroso-di-n-propylamine
Concen: 4.13 ng
RT: 8.864 min Scan# 940
Delta R.T. -0.040 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

Tgt Ion: 70 Resp: 9292

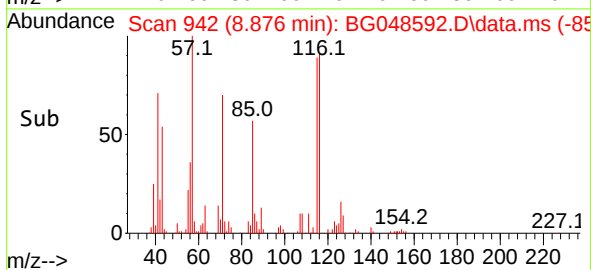
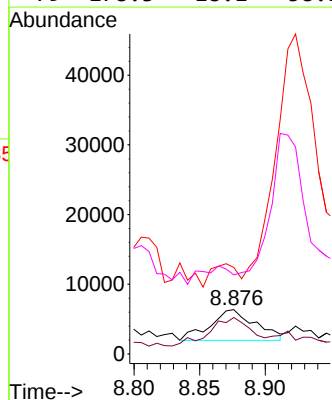
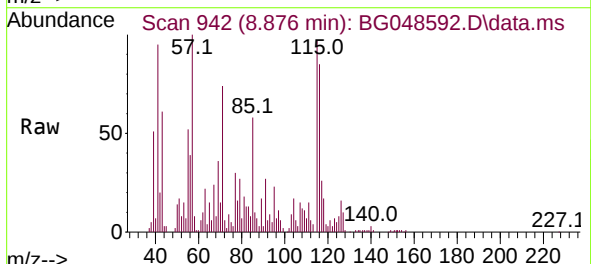
Ion	Ratio	Lower	Upper
70	100		
42	119.6	50.8	76.2#
101	2.8	9.7	14.5#
130	0.0	17.4	26.0#

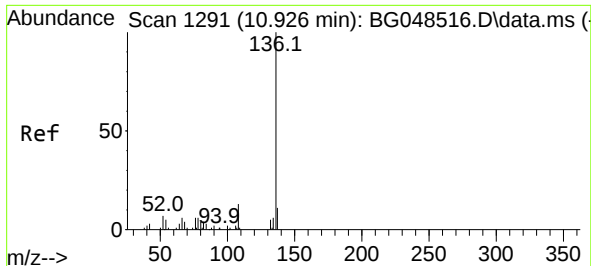


#20
3+4-Methylphenols
Concen: 3.60 ng
RT: 8.876 min Scan# 942
Delta R.T. 0.013 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion: 107 Resp: 10555

Ion	Ratio	Lower	Upper
107	100		
108	82.4	62.3	102.3
77	195.3	21.3	61.3#
79	178.3	18.1	58.1#

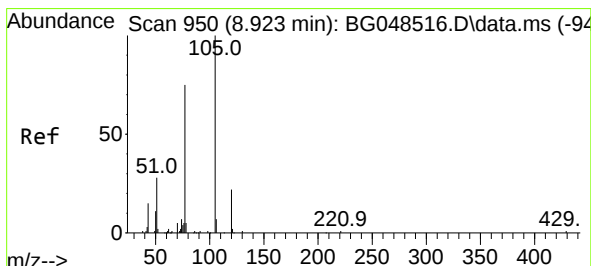
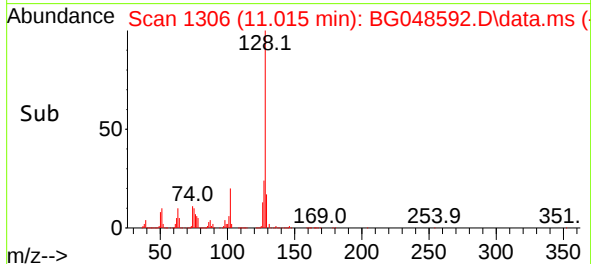
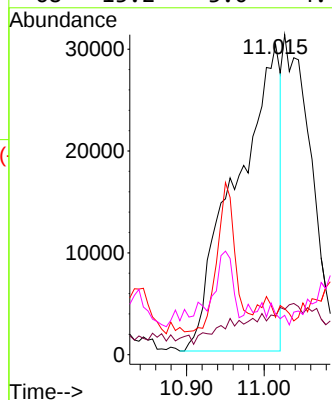
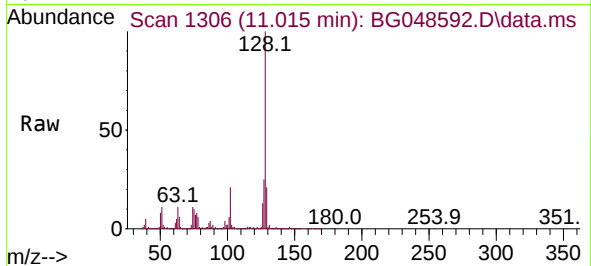




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.015 min Scan# 1306
Delta R.T. 0.089 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

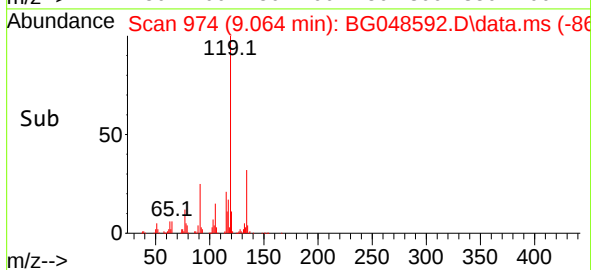
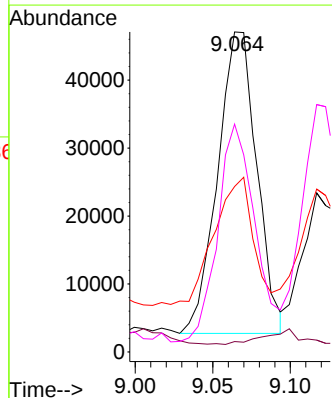
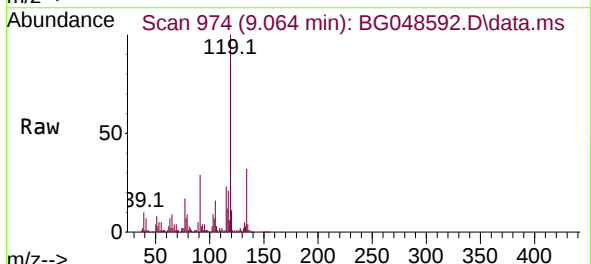
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

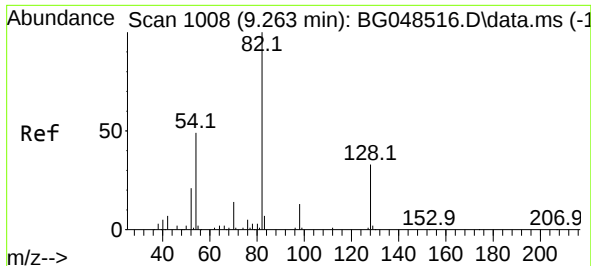
Tgt Ion:136 Resp: 118905
Ion Ratio Lower Upper
136 100
137 12.4 8.6 12.8
54 12.1 4.2 6.4#
68 13.2 3.0 4.4#



#22
Acetophenone
Concen: 25.38 ng
RT: 9.064 min Scan# 974
Delta R.T. 0.142 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:105 Resp: 77810
Ion Ratio Lower Upper
105 100
71 3.3 1.1 1.7#
51 51.7 26.1 39.1#
120 71.2 17.5 26.3#

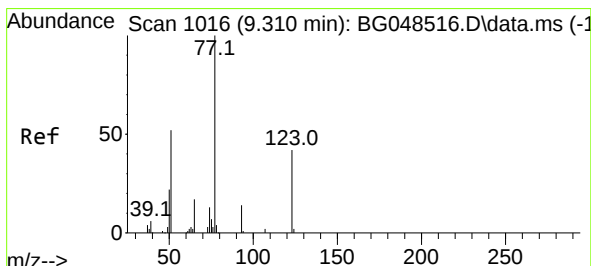
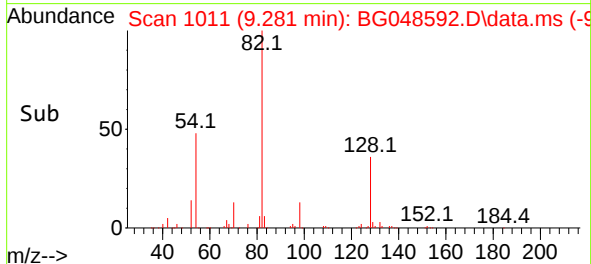
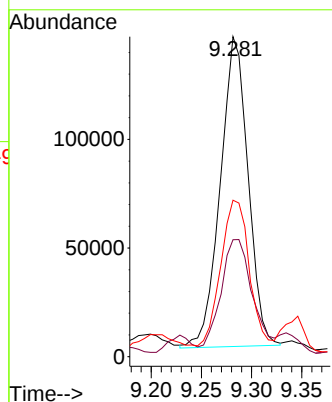
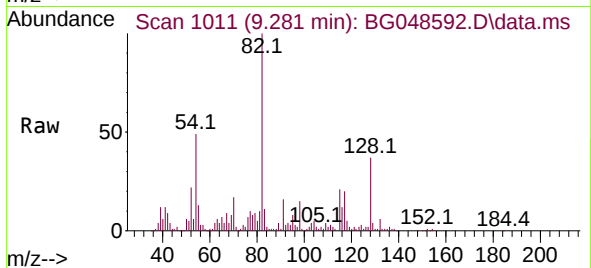




#23
Nitrobenzene-d5
Concen: 111.77 ng
RT: 9.281 min Scan# 1011
Delta R.T. 0.013 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

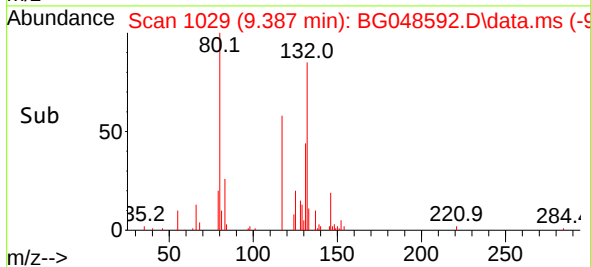
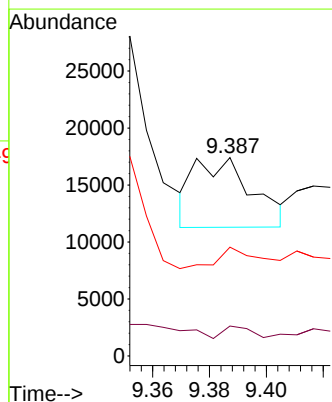
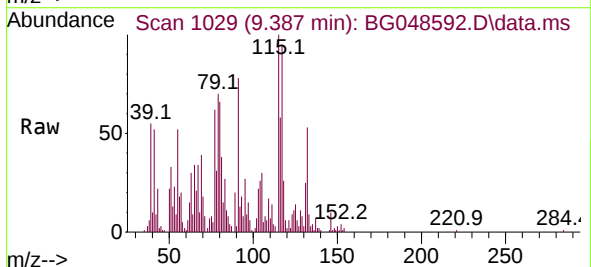
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

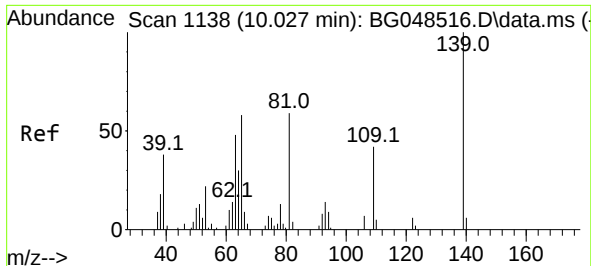
Tgt Ion: 82 Resp: 274508
Ion Ratio Lower Upper
82 100
128 36.5 26.2 39.4
54 48.9 38.9 58.3



#24
Nitrobenzene
Concen: 3.55 ng
RT: 9.387 min Scan# 1029
Delta R.T. 0.077 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion: 77 Resp: 8559
Ion Ratio Lower Upper
77 100
123 15.1 33.4 50.2#
65 54.8 13.3 19.9#

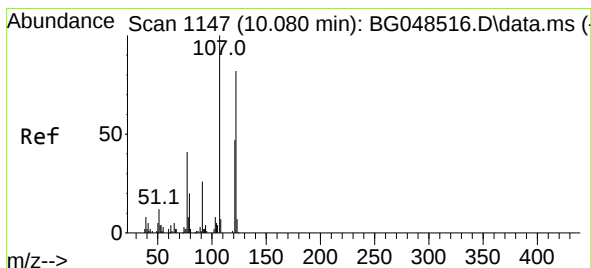
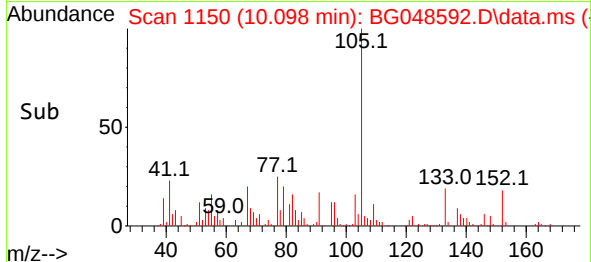
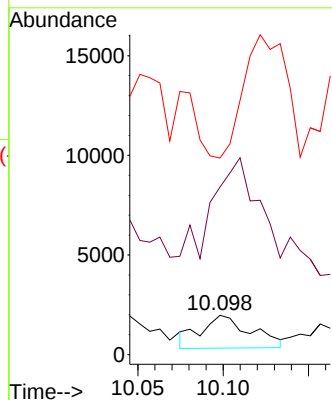
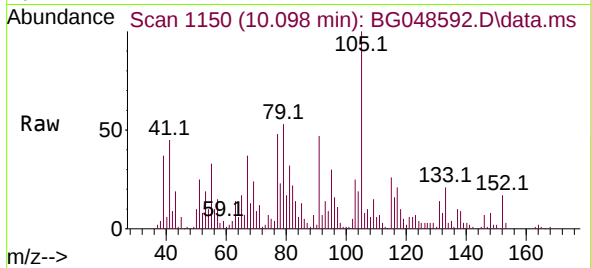




#26
2-Nitrophenol
Concen: 3.02 ng
RT: 10.098 min Scan# 1150
Delta R.T. 0.071 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

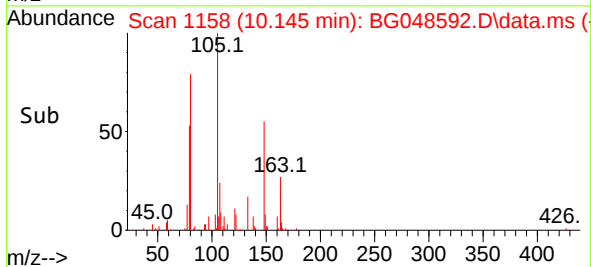
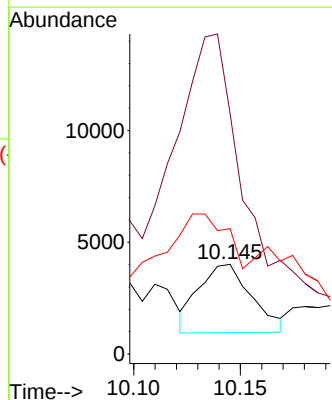
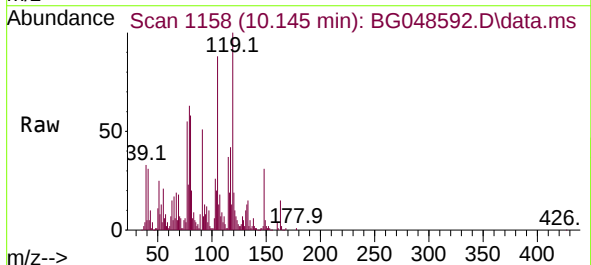
Instrument :
BNA_G
ClientSampled :
FS-SB-10-26-27

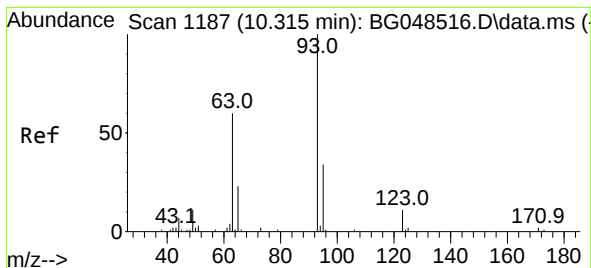
Tgt Ion:139 Resp: 3348
Ion Ratio Lower Upper
139 100
109 425.1 33.7 50.5#
65 498.5 46.8 70.2#



#27
2,4-Dimethylphenol
Concen: 3.02 ng
RT: 10.145 min Scan# 1158
Delta R.T. 0.066 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:122 Resp: 5266
Ion Ratio Lower Upper
122 100
107 267.7 96.6 145.0#
121 139.7 45.3 67.9#

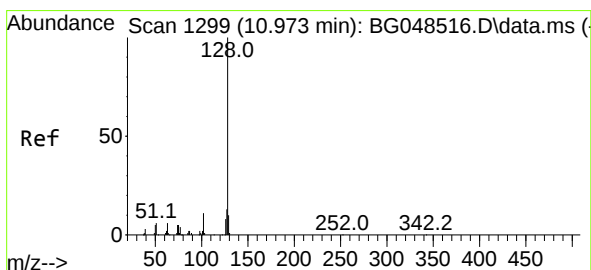
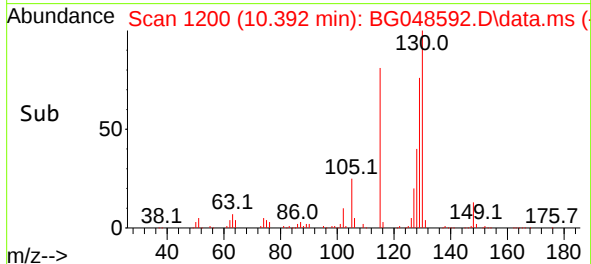
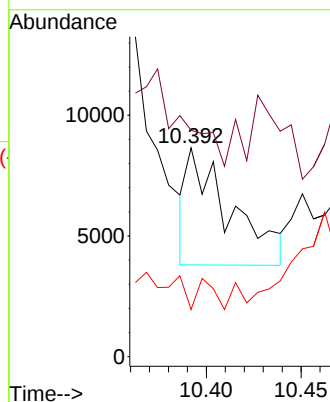
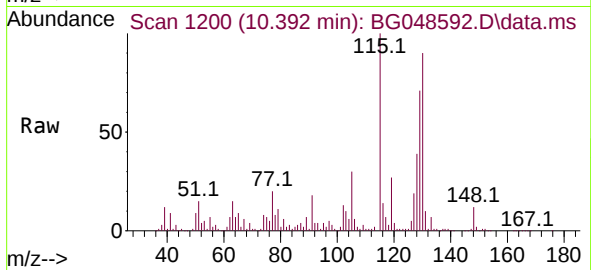




#28
bis(2-Chloroethoxy)methane
Concen: 3.69 ng
RT: 10.392 min Scan# 1200
Delta R.T. 0.071 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

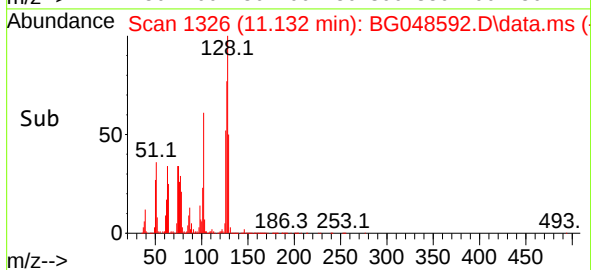
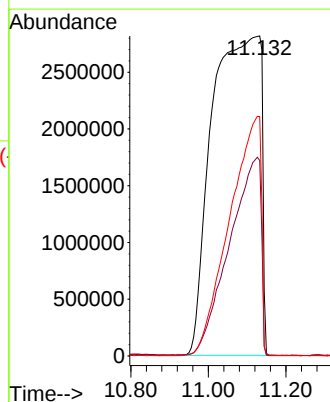
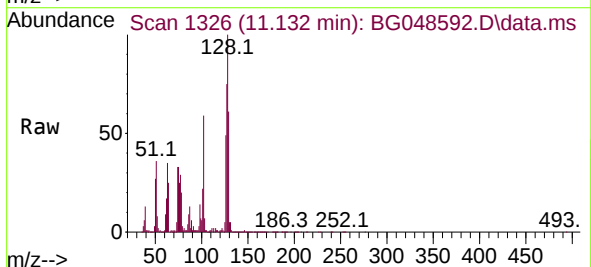
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

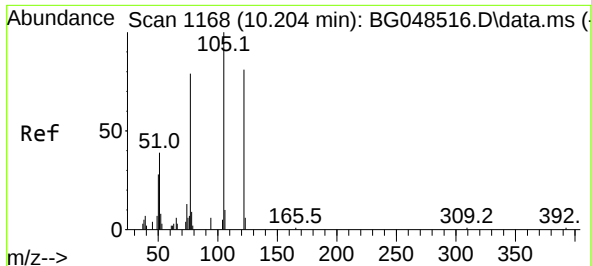
Tgt Ion: 93 Resp: 7665
Ion Ratio Lower Upper
93 100
95 108.4 27.0 40.6#
123 22.6 9.0 13.6#



#31
Naphthalene
Concen: 4033.67 ng
RT: 11.132 min Scan# 1326
Delta R.T. 0.154 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion: 128 Resp: 24660700
Ion Ratio Lower Upper
128 100
129 61.1 8.2 12.2#
127 74.8 10.6 16.0#

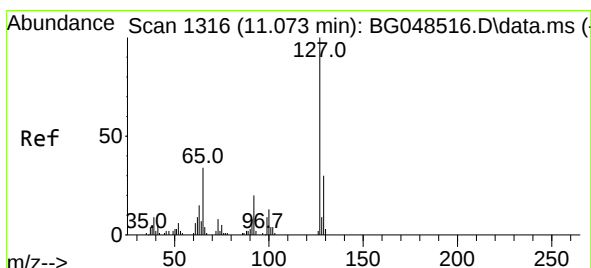
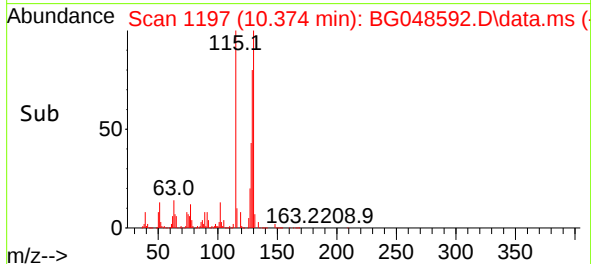
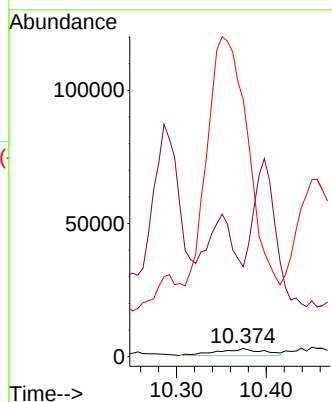
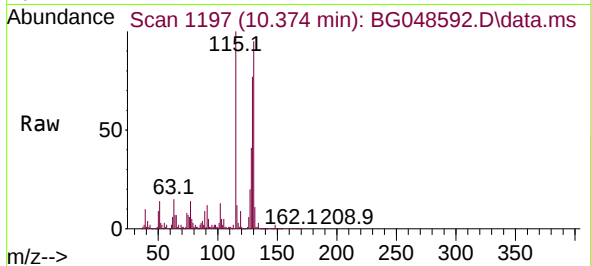




#32
Benzoic acid
Concen: 6.80 ng
RT: 10.374 min Scan# 1197
Delta R.T. 0.160 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

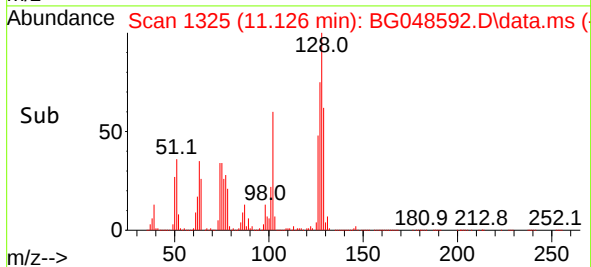
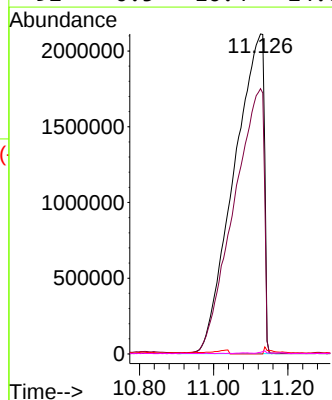
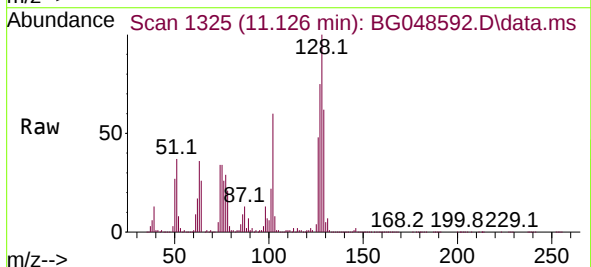
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

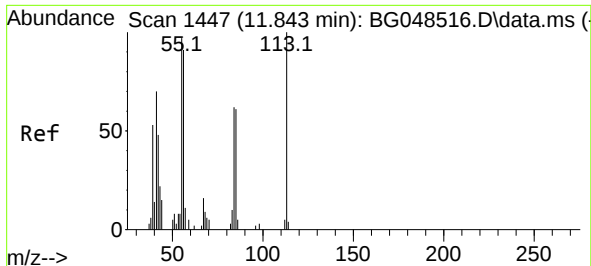
Tgt Ion:122 Resp: 9114
Ion Ratio Lower Upper
122 100
105 1079.6 97.1 137.1#
77 3082.0 76.8 116.8#



#33
4-Chloroaniline
Concen: 4622.03 ng
RT: 11.126 min Scan# 1325
Delta R.T. 0.048 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

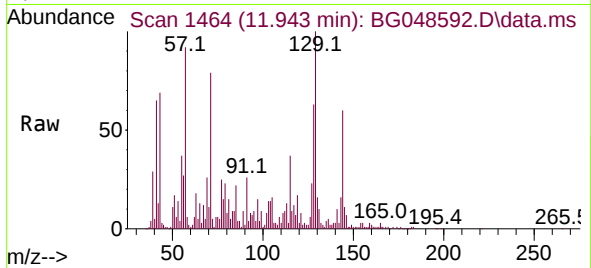
Tgt Ion:127 Resp:11924677
Ion Ratio Lower Upper
127 100
129 82.9 24.3 36.5#
65 0.0 27.0 40.4#
92 0.5 16.4 24.6#



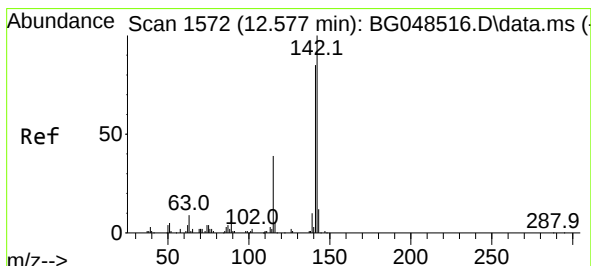
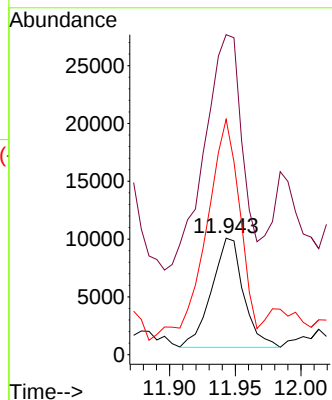
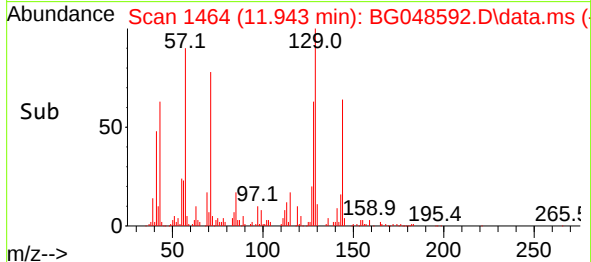


#35
Caprolactam
Concen: 22.22 ng
RT: 11.943 min Scan# 1464
Delta R.T. 0.095 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

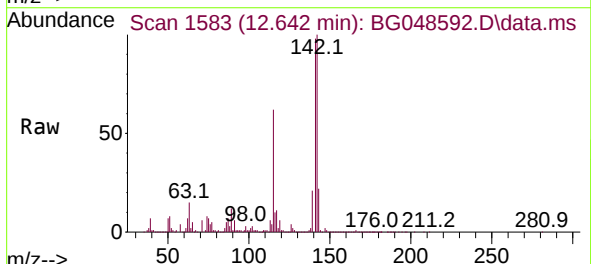
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27



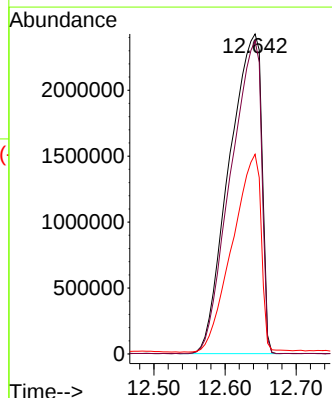
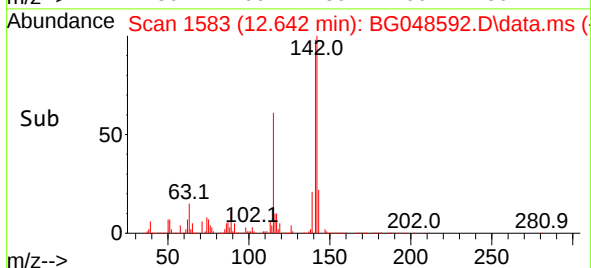
Tgt Ion:113 Resp: 15992
Ion Ratio Lower Upper
113 100
55 274.5 76.8 116.8#
56 201.9 71.1 111.1#

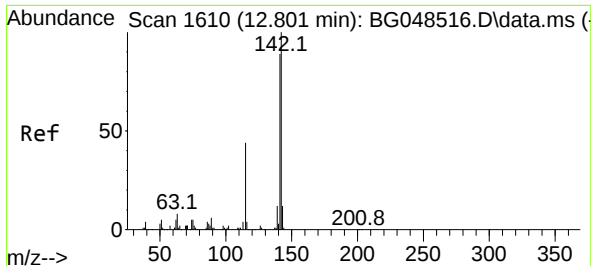


#37
2-Methylnaphthalene
Concen: 1581.88 ng
RT: 12.642 min Scan# 1583
Delta R.T. 0.066 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40



Tgt Ion:142 Resp: 7699135
Ion Ratio Lower Upper
142 100
141 97.9 68.2 102.4
115 62.4 30.8 46.2#

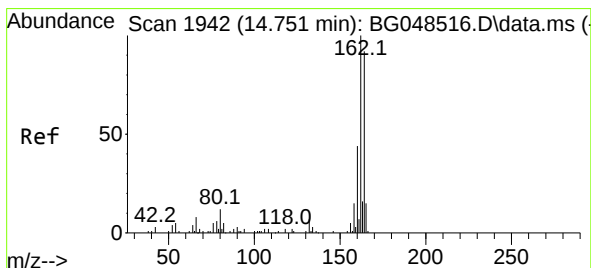
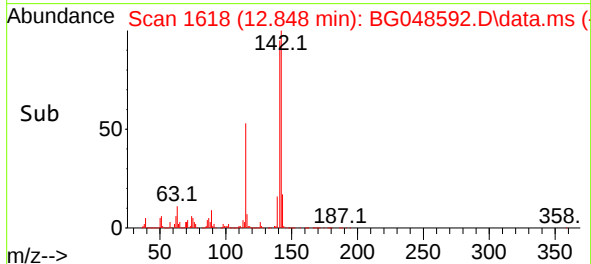
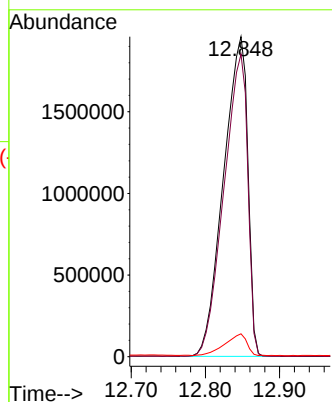
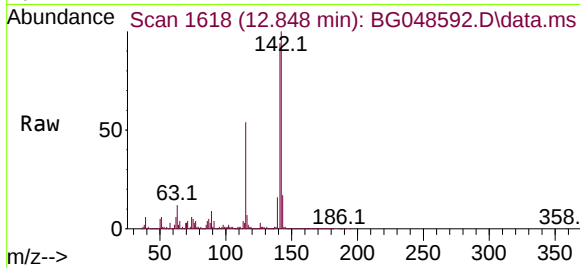




#38
1-Methylnaphthalene
Concen: 957.12 ng
RT: 12.848 min Scan# 1618
Delta R.T. 0.048 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

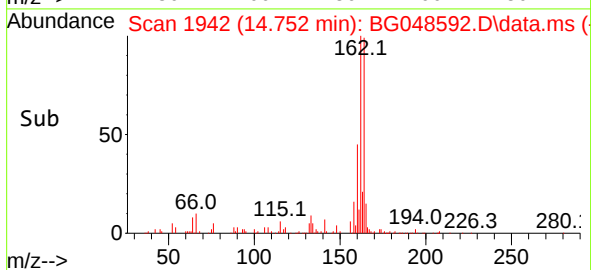
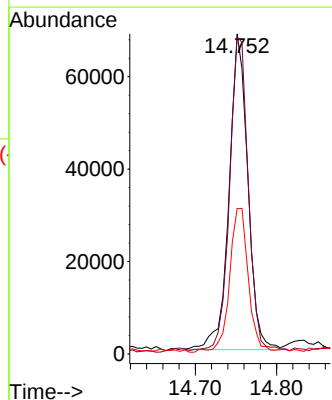
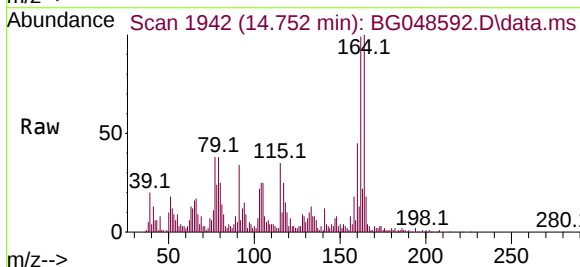
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

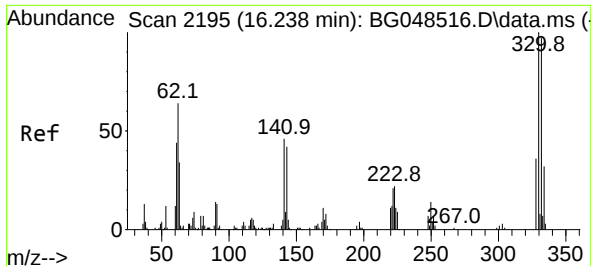
Tgt Ion:142 Resp: 4442690
Ion Ratio Lower Upper
142 100
141 94.5 71.2 106.8
116 7.2 3.4 5.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.752 min Scan# 1942
Delta R.T. 0.001 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:164 Resp: 109960
Ion Ratio Lower Upper
164 100
162 99.1 87.0 130.6
160 45.4 38.4 57.6

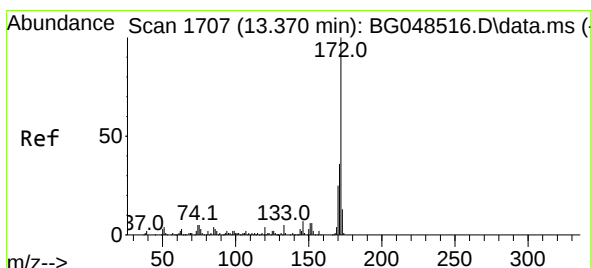
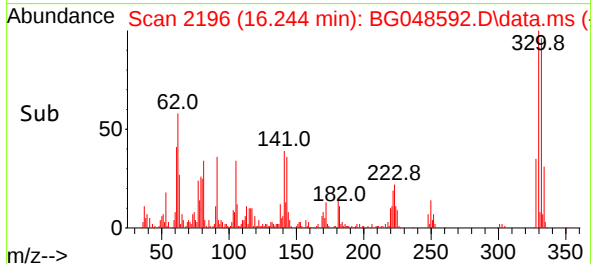
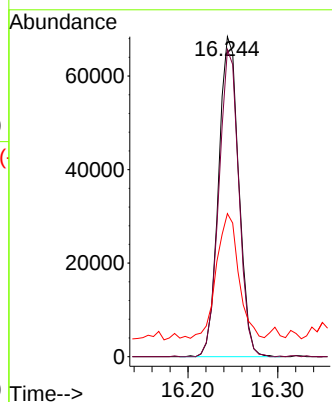
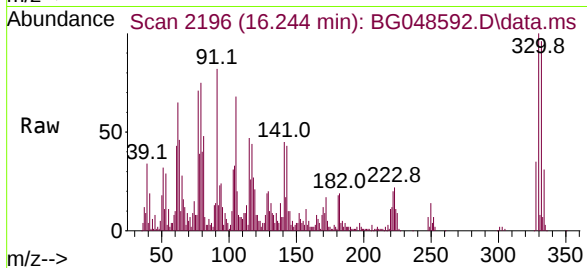




#42
2,4,6-Tribromophenol
Concen: 73.93 ng
RT: 16.244 min Scan# 2196
Delta R.T. 0.001 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

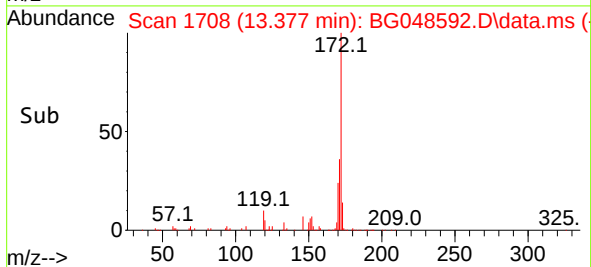
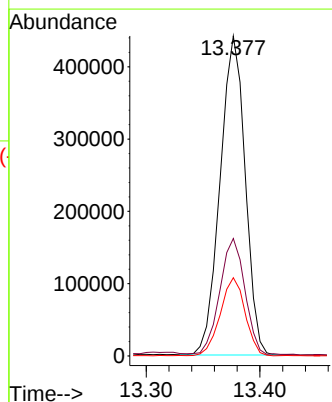
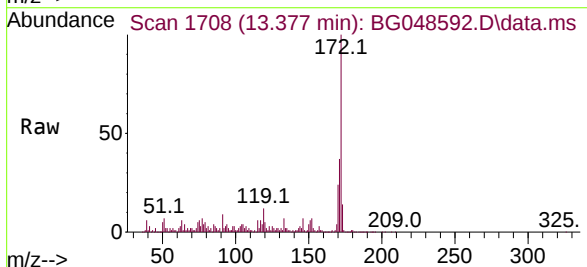
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

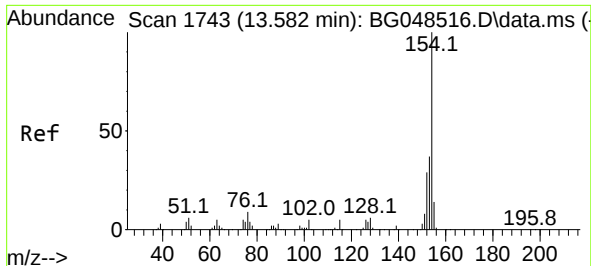
Tgt Ion:330 Resp: 106863
Ion Ratio Lower Upper
330 100
332 94.5 77.6 116.4
141 42.7 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 91.50 ng
RT: 13.377 min Scan# 1708
Delta R.T. 0.007 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:172 Resp: 676920
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.4 19.8 29.6

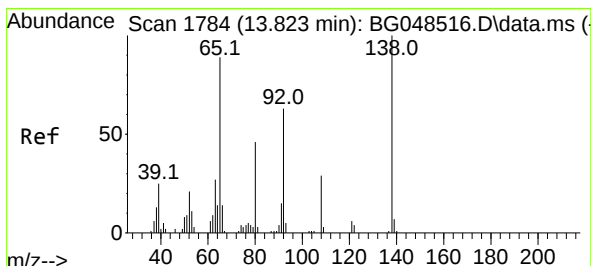
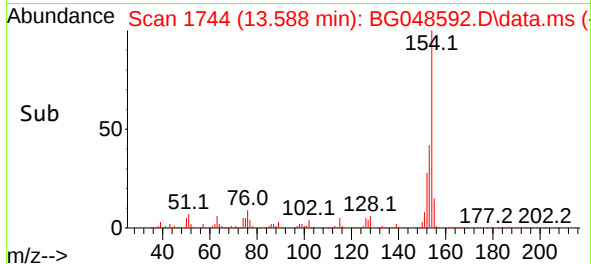
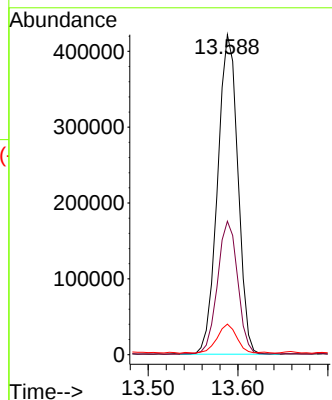
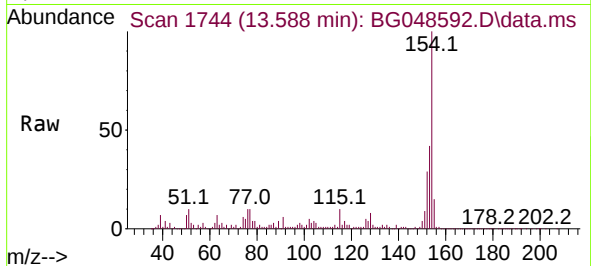




#46
1,1'-Biphenyl
Concen: 82.28 ng
RT: 13.588 min Scan# 1744
Delta R.T. 0.007 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

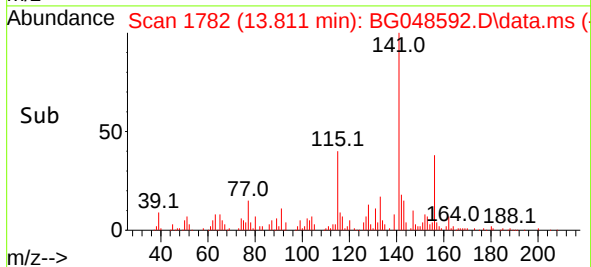
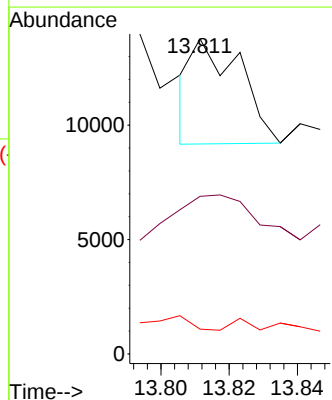
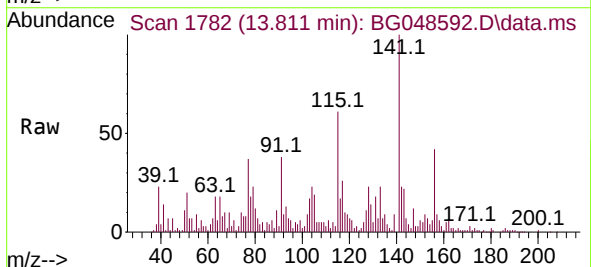
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

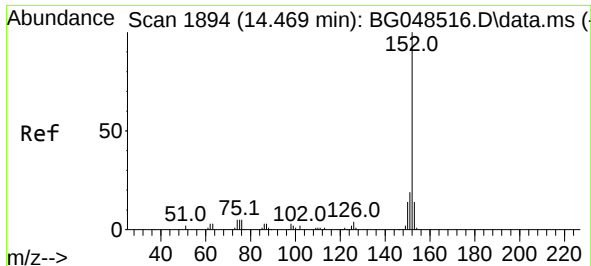
Tgt Ion:154 Resp: 661049
Ion Ratio Lower Upper
154 100
153 41.7 17.3 57.3
76 9.6 0.0 28.6



#48
2-Nitroaniline
Concen: 2.31 ng
RT: 13.811 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion: 65 Resp: 4488
Ion Ratio Lower Upper
65 100
92 50.0 56.7 85.1#
138 7.9 89.6 134.4#

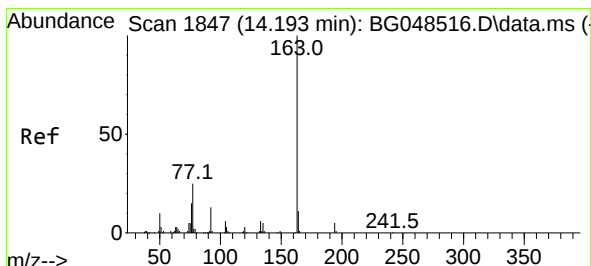
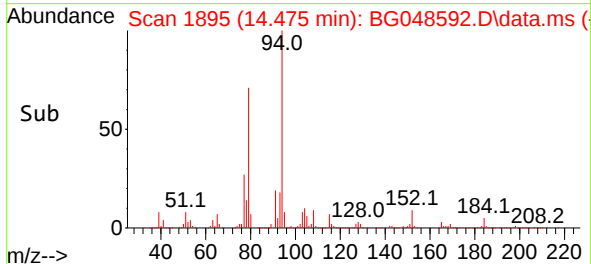
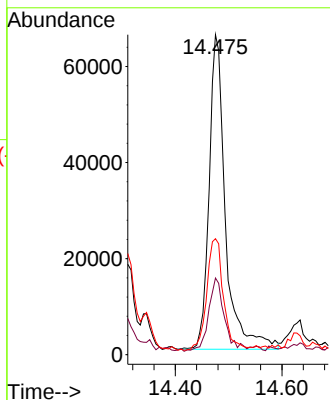
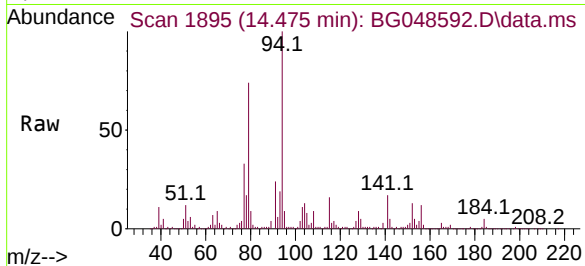




#49
Acenaphthylene
Concen: 14.53 ng
RT: 14.475 min Scan# 1895
Delta R.T. 0.001 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

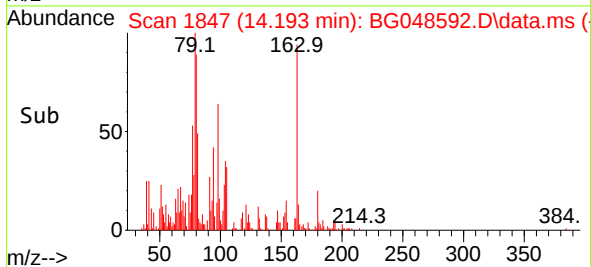
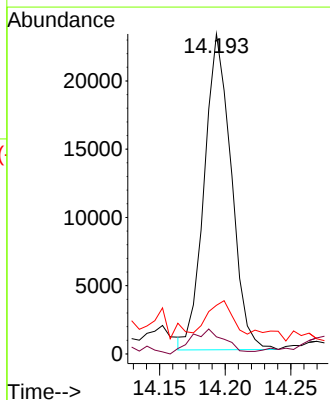
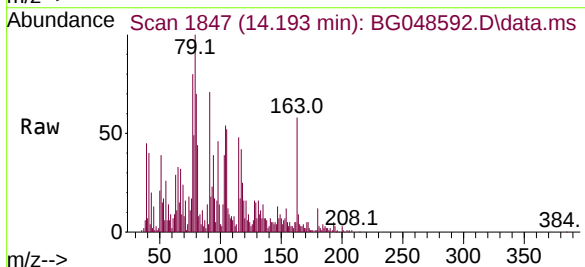
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

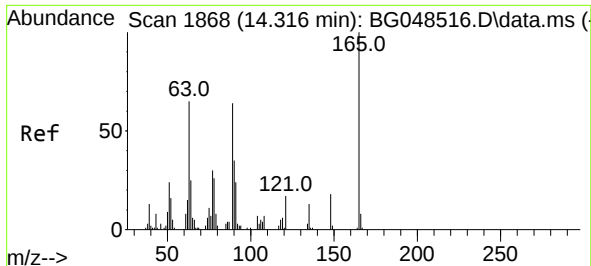
Tgt Ion:152 Resp: 139398
Ion Ratio Lower Upper
152 100
151 24.0 15.0 22.6#
153 36.3 11.0 16.6#



#50
Dimethylphthalate
Concen: 4.05 ng
RT: 14.193 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:163 Resp: 33036
Ion Ratio Lower Upper
163 100
194 5.3 4.1 6.1
164 15.2 8.6 12.8#

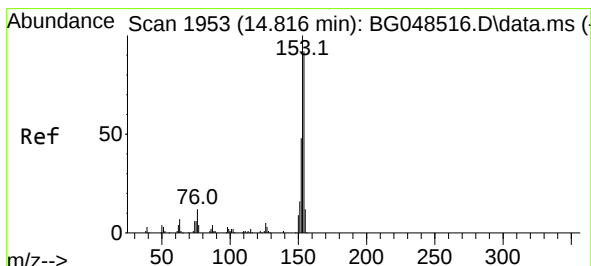
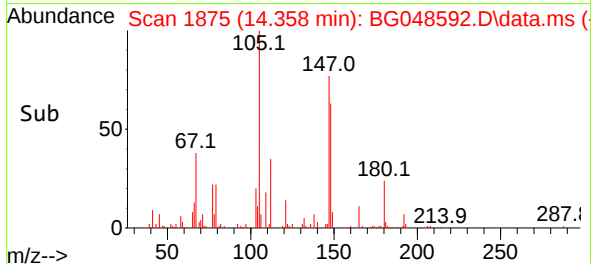
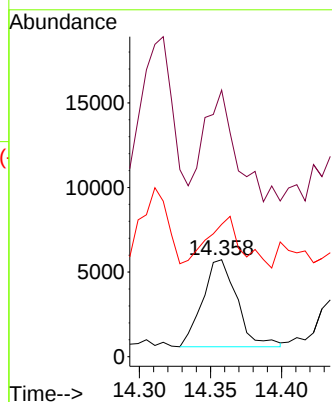
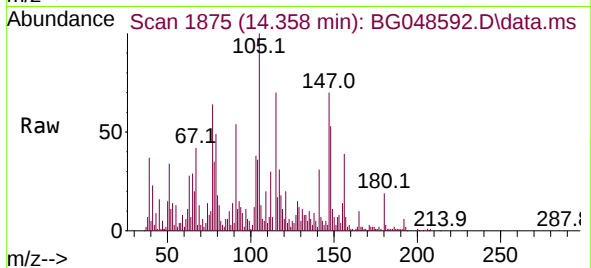




#51
2,6-Dinitrotoluene
Concen: 4.64 ng
RT: 14.358 min Scan# 1875
Delta R.T. 0.042 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

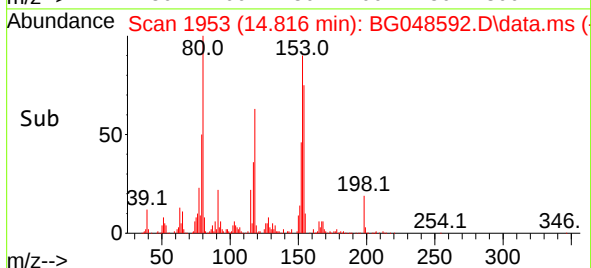
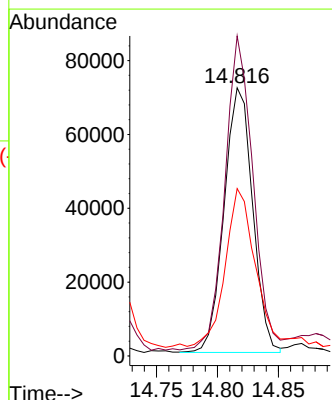
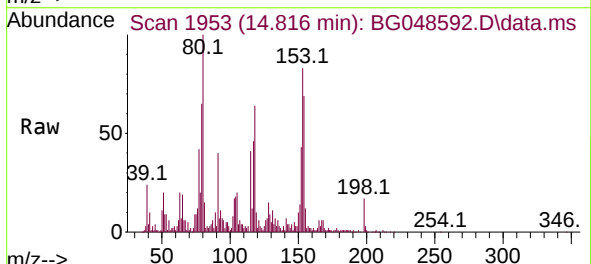
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

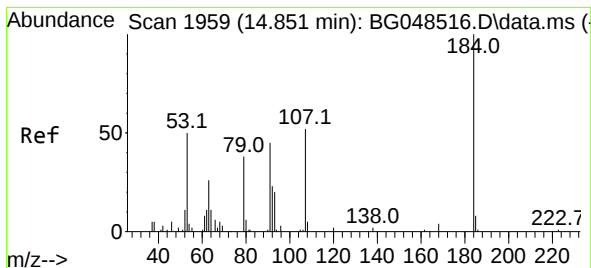
Tgt Ion:165 Resp: 8672
Ion Ratio Lower Upper
165 100
63 275.1 53.8 80.6#
89 136.6 50.8 76.2#



#52
Acenaphthene
Concen: 16.80 ng
RT: 14.816 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:154 Resp: 116591
Ion Ratio Lower Upper
154 100
153 119.4 86.6 129.8
152 62.4 41.5 62.3#

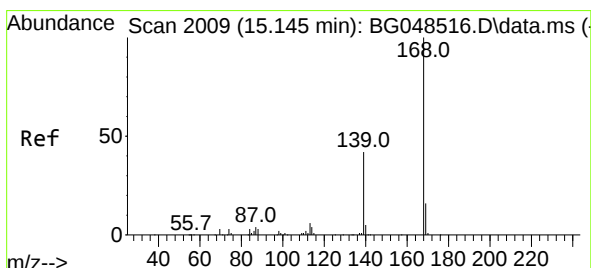
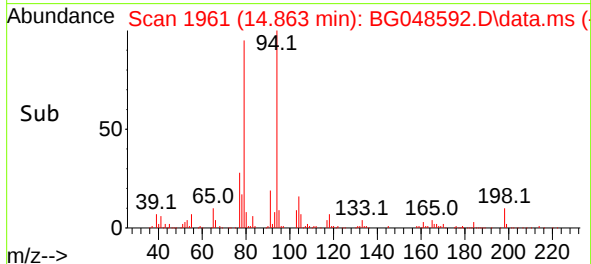
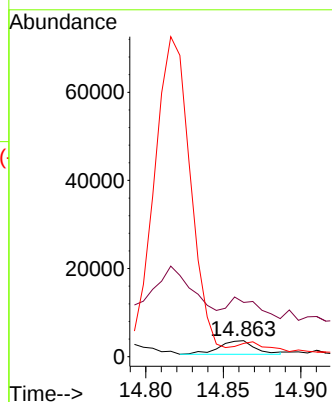
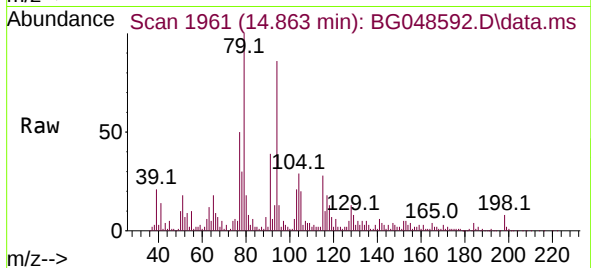




#54
2,4-Dinitrophenol
Concen: 4.71 ng
RT: 14.863 min Scan# 1961
Delta R.T. 0.013 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

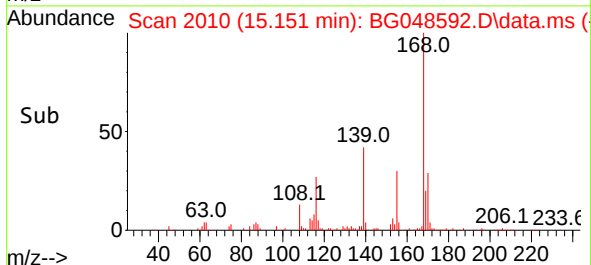
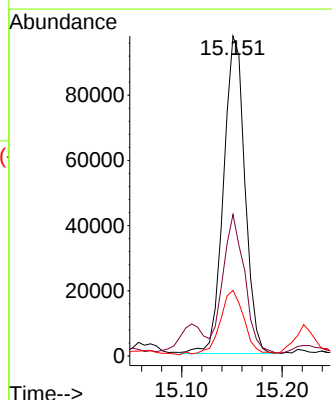
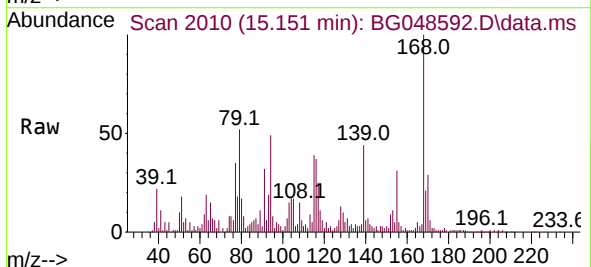
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

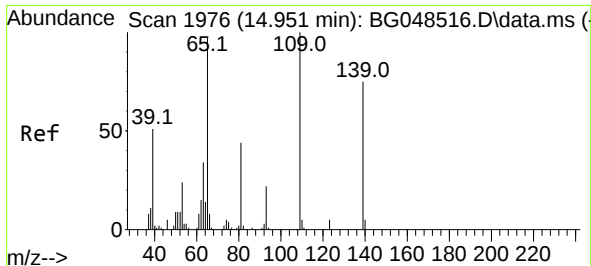
Tgt Ion:184 Resp: 4949
Ion Ratio Lower Upper
184 100
63 338.5 56.6 84.8#
154 83.2 54.9 82.3#



#55
Dibenzofuran
Concen: 14.19 ng
RT: 15.151 min Scan# 2010
Delta R.T. 0.001 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:168 Resp: 143891
Ion Ratio Lower Upper
168 100
139 44.2 33.7 50.5
169 20.5 12.5 18.7#

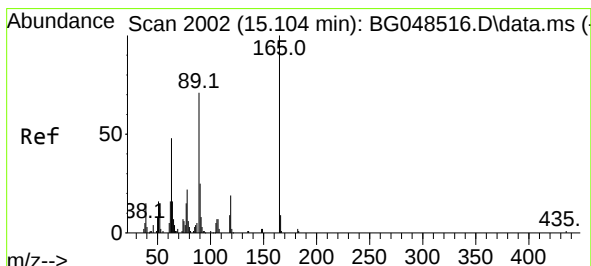
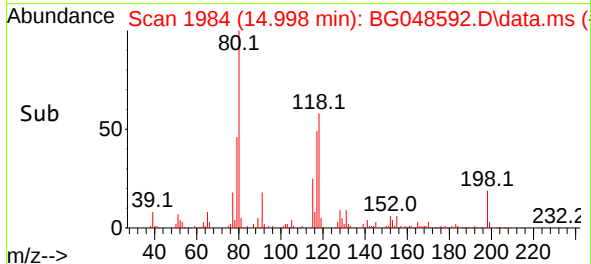
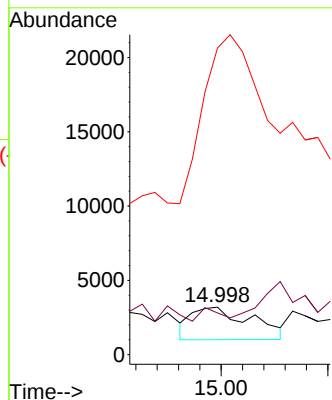
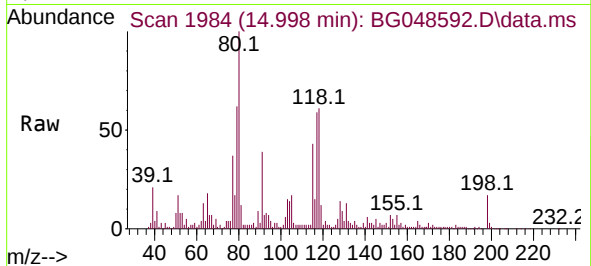




#56
4-Nitrophenol
Concen: 2.89 ng
RT: 14.998 min Scan# 1984
Delta R.T. 0.048 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

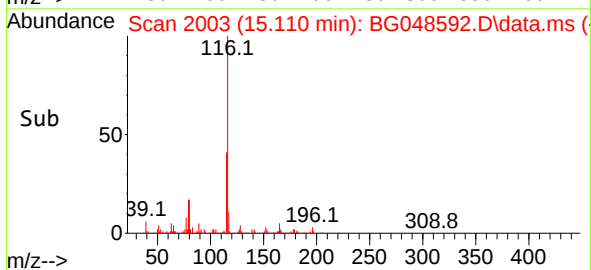
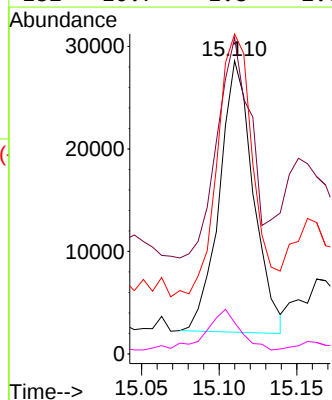
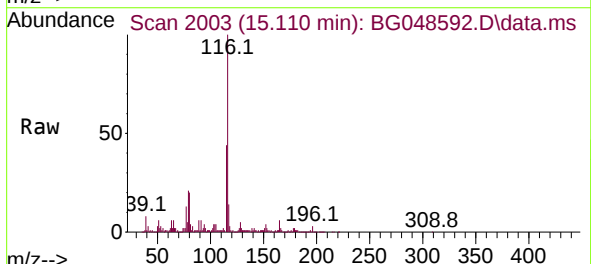
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

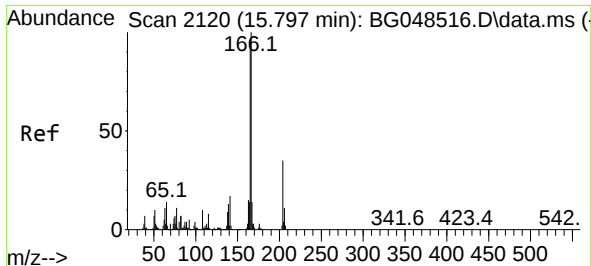
Tgt Ion:139 Resp: 4264
Ion Ratio Lower Upper
139 100
109 87.7 113.0 153.0#
65 645.2 109.4 149.4#



#57
2,4-Dinitrotoluene
Concen: 15.25 ng
RT: 15.110 min Scan# 2003
Delta R.T. 0.007 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:165 Resp: 40287
Ion Ratio Lower Upper
165 100
63 107.9 38.3 57.5#
89 109.2 56.5 84.7#
182 10.7 1.8 2.6#

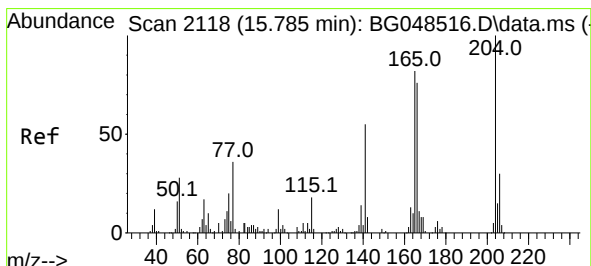
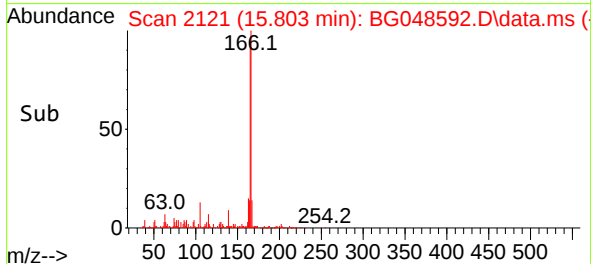
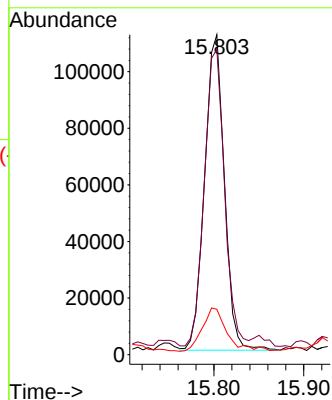
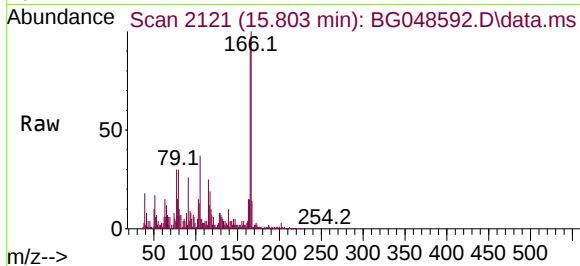




#58
Fluorene
Concen: 20.11 ng
RT: 15.803 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

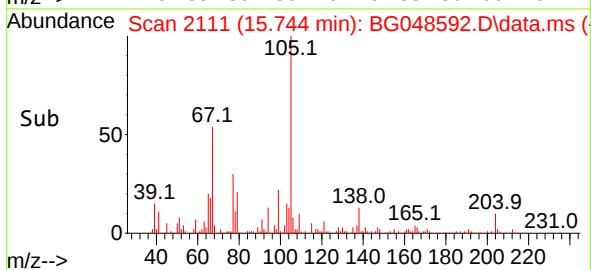
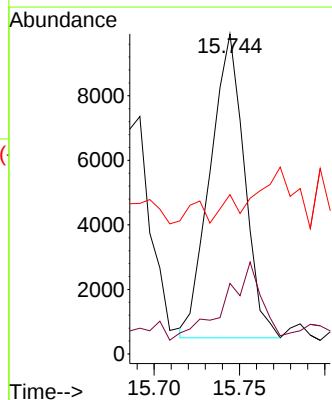
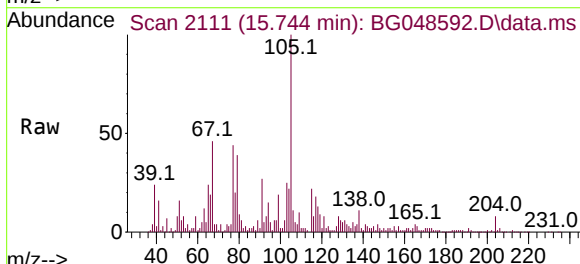
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

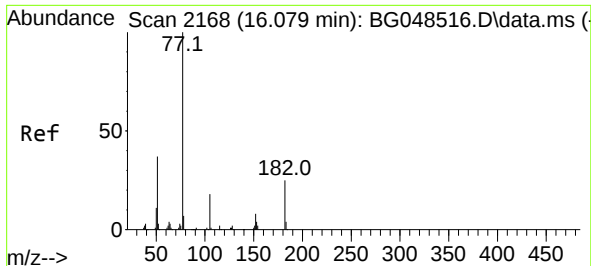
Tgt Ion:166 Resp: 170640
Ion Ratio Lower Upper
166 100
165 95.5 76.8 115.2
167 14.2 11.1 16.7



#61
4-Chlorophenyl-phenylether
Concen: 2.88 ng
RT: 15.744 min Scan# 2111
Delta R.T. -0.046 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

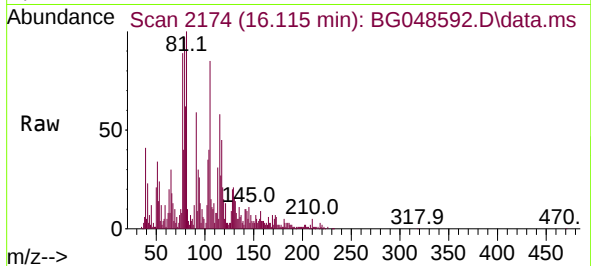
Tgt Ion:204 Resp: 13137
Ion Ratio Lower Upper
204 100
206 22.0 23.8 35.8#
141 49.8 44.0 66.0



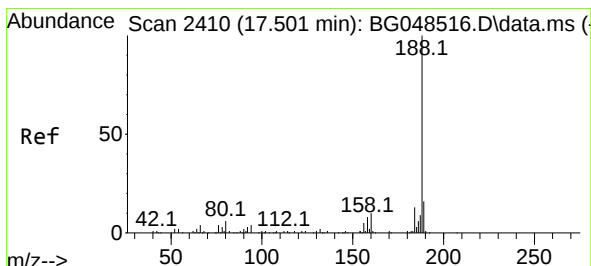
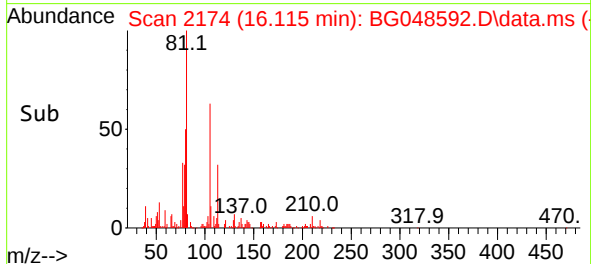
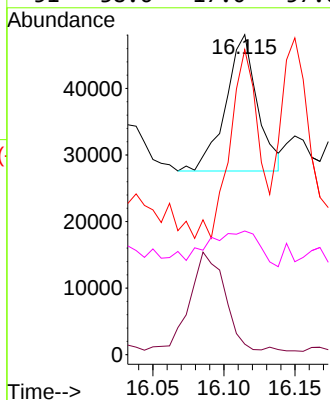


#63
Azobenzene
Concen: 3.86 ng
RT: 16.115 min Scan# 2174
Delta R.T. 0.030 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

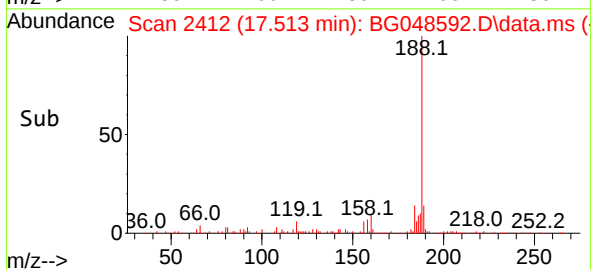
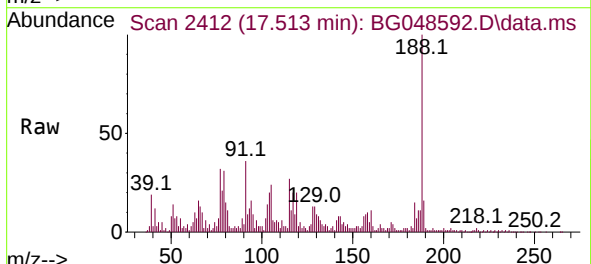
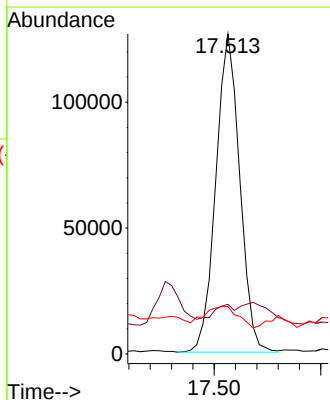


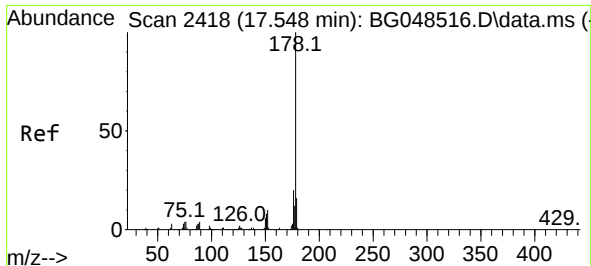
Tgt Ion: 77	Resp: 31838
Ion Ratio	Lower Upper
77 100	
182 3.3	5.3 45.3#
105 95.4	0.0 37.8#
51 38.6	17.0 57.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.513 min Scan# 2412
Delta R.T. 0.007 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:188	Resp: 196812
Ion Ratio	Lower Upper
188 100	
94 15.5	3.0 4.6#
80 14.8	4.5 6.7#

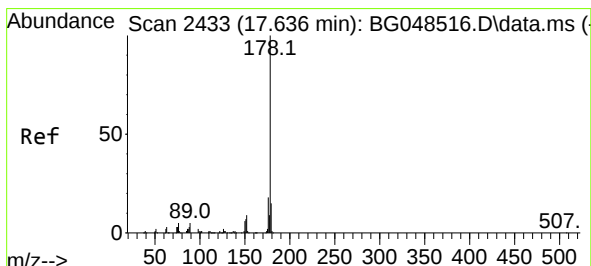
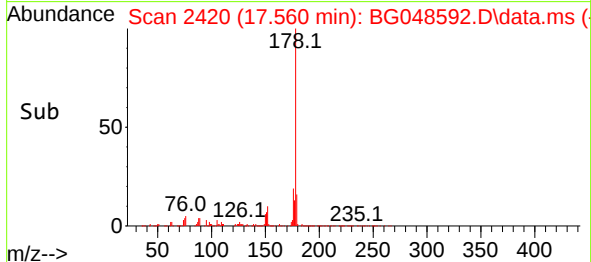
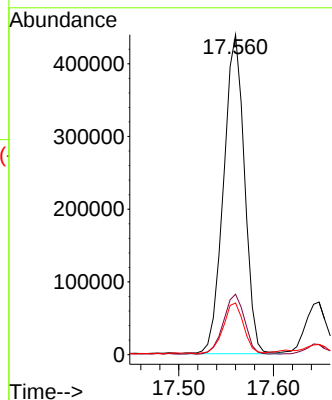
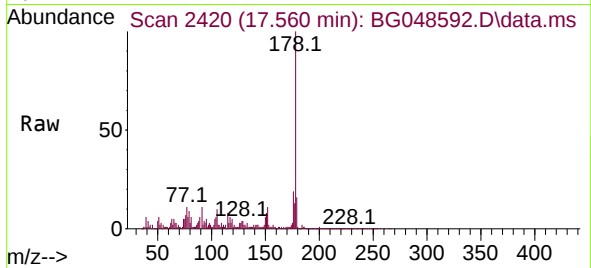




#71
Phenanthrene
Concen: 65.91 ng
RT: 17.560 min Scan# 2420
Delta R.T. 0.013 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

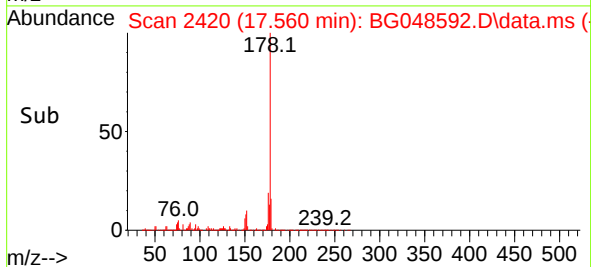
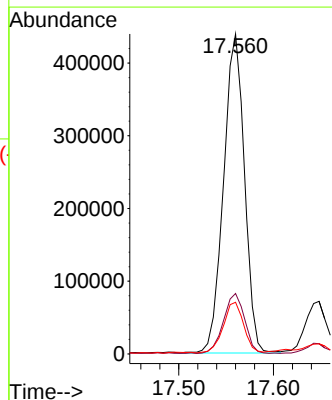
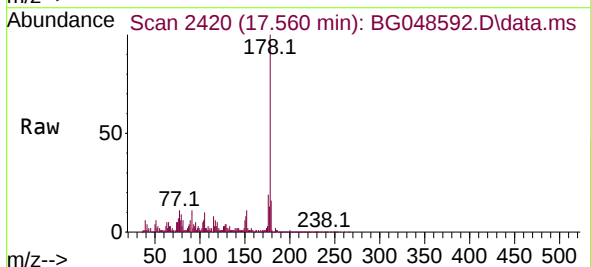
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

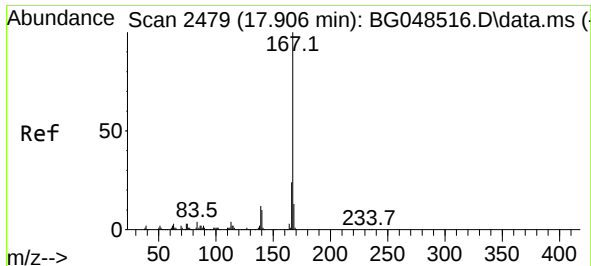
Tgt Ion:178 Resp: 673403
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 16.1 12.9 19.3



#72
Anthracene
Concen: 66.14 ng
RT: 17.560 min Scan# 2420
Delta R.T. -0.081 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:178 Resp: 673403
Ion Ratio Lower Upper
178 100
176 18.9 14.1 21.1
179 16.1 11.9 17.9

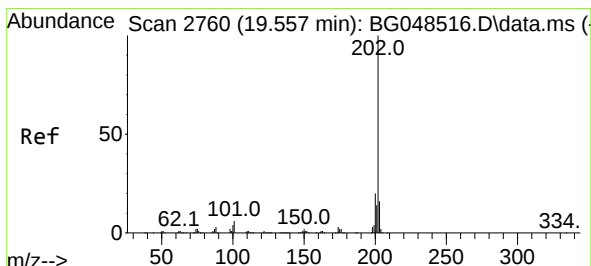
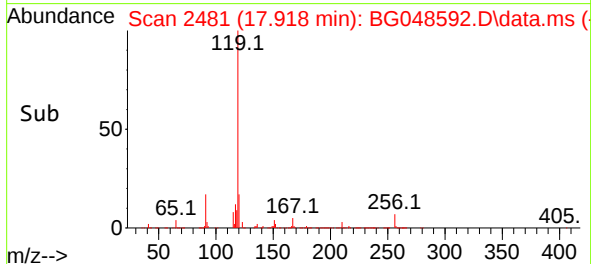
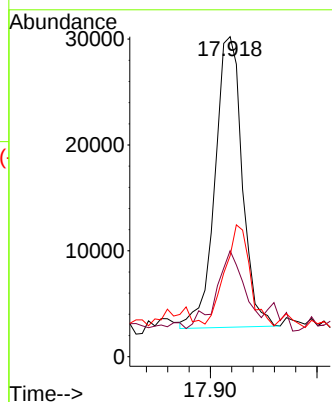
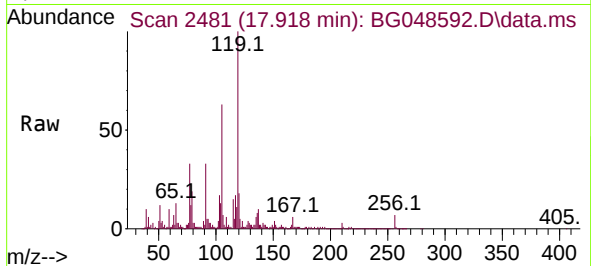




#73
 Carbazole
 Concen: 5.05 ng
 RT: 17.918 min Scan# 2481
 Delta R.T. 0.013 min
 Lab File: BG048592.D
 Acq: 5 Apr 2021 20:40

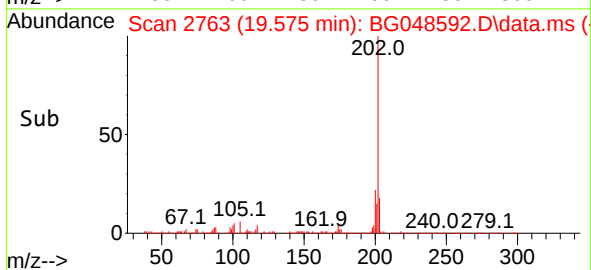
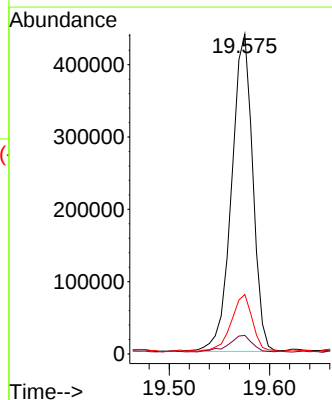
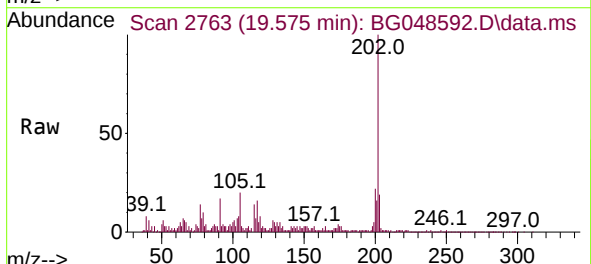
Instrument :
 BNA_G
 ClientSampleId :
 FS-SB-10-26-27

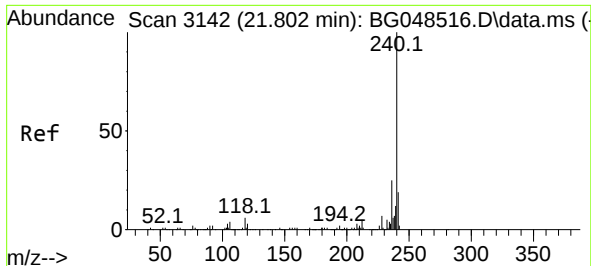
Tgt Ion:167 Resp: 48769
 Ion Ratio Lower Upper
 167 100
 166 33.1 19.0 28.6#
 139 31.5 10.0 15.0#



#75
 Fluoranthene
 Concen: 50.86 ng
 RT: 19.575 min Scan# 2763
 Delta R.T. 0.019 min
 Lab File: BG048592.D
 Acq: 5 Apr 2021 20:40

Tgt Ion:202 Resp: 644223
 Ion Ratio Lower Upper
 202 100
 101 5.8 0.0 25.8
 203 18.6 0.0 36.4

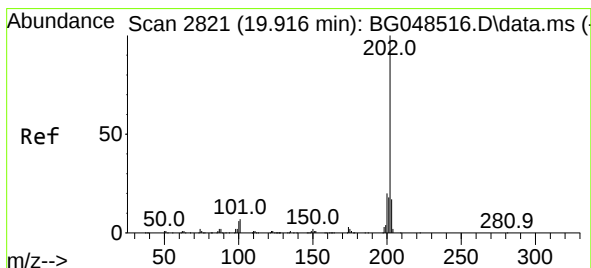
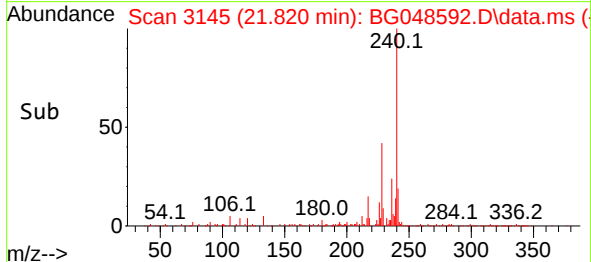
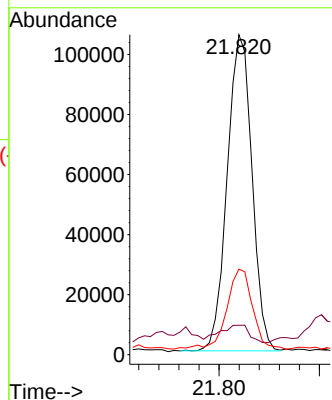
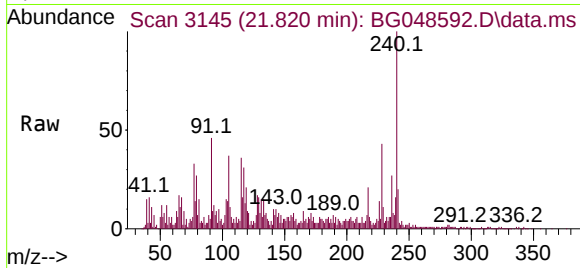




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.820 min Scan# 3145
Delta R.T. 0.019 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

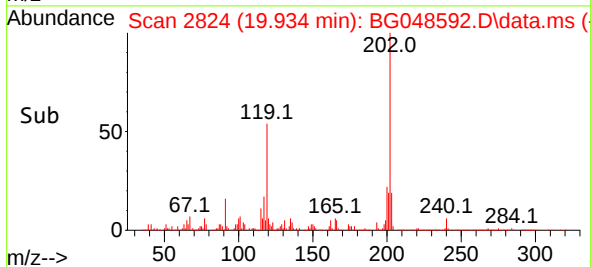
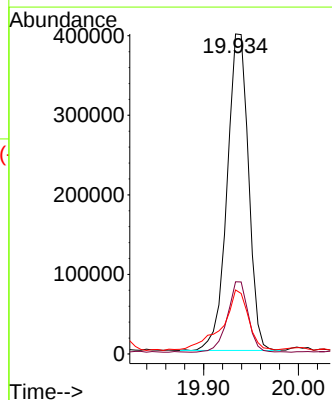
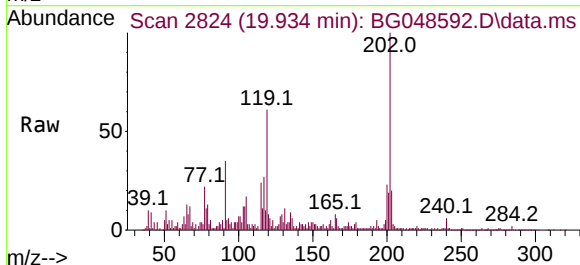
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

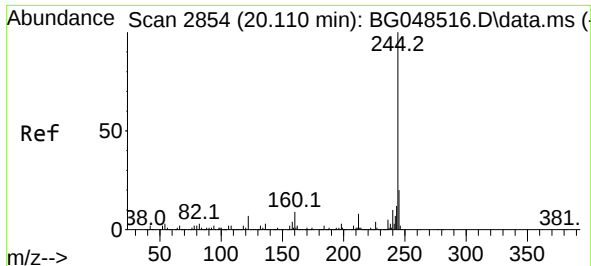
Tgt Ion:240 Resp: 180155
Ion Ratio Lower Upper
240 100
120 9.2 2.6 3.8#
236 26.8 19.8 29.6



#78
Pyrene
Concen: 50.29 ng
RT: 19.934 min Scan# 2824
Delta R.T. 0.013 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:202 Resp: 622902
Ion Ratio Lower Upper
202 100
200 22.6 16.1 24.1
203 20.0 13.6 20.4

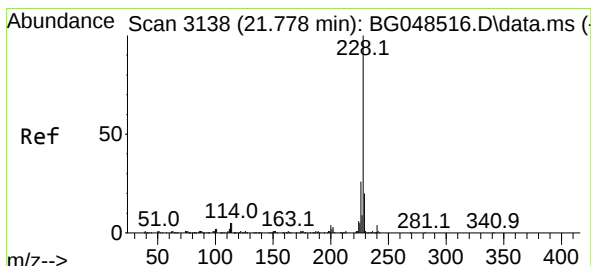
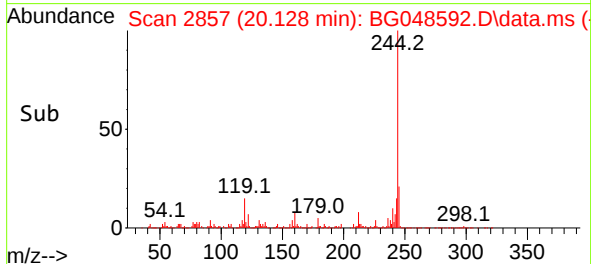
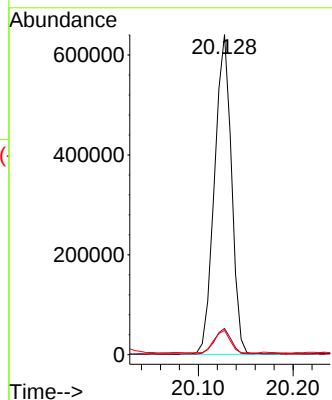
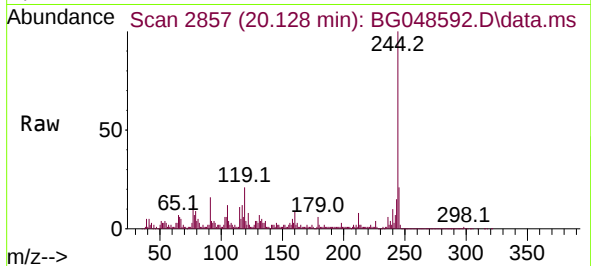




#79
 Terphenyl-d14
 Concen: 80.52 ng
 RT: 20.128 min Scan# 2857
 Delta R.T. 0.013 min
 Lab File: BG048592.D
 Acq: 5 Apr 2021 20:40

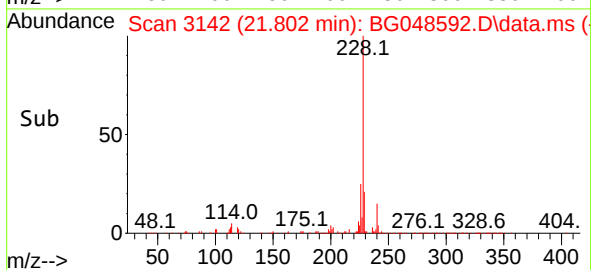
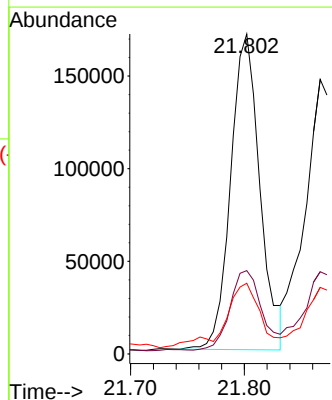
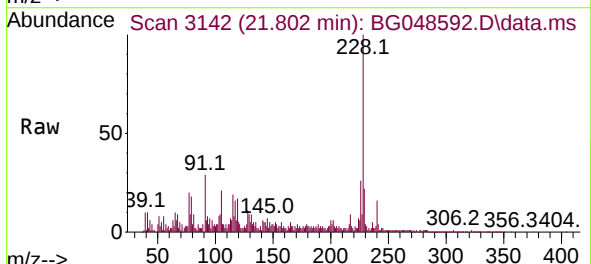
Instrument :
 BNA_G
 ClientSampleId :
 FS-SB-10-26-27

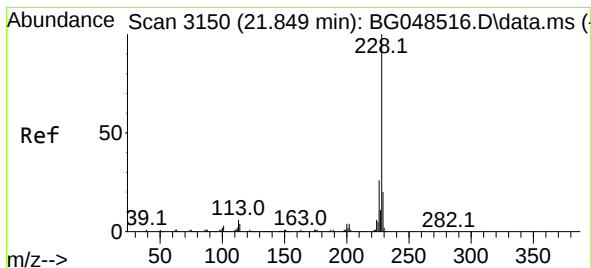
Tgt Ion:244 Resp: 793172
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 7.6 5.8 8.6



#81
 Benzo(a)anthracene
 Concen: 25.28 ng
 RT: 21.802 min Scan# 3142
 Delta R.T. 0.019 min
 Lab File: BG048592.D
 Acq: 5 Apr 2021 20:40

Tgt Ion:228 Resp: 304290
 Ion Ratio Lower Upper
 228 100
 226 26.1 20.6 30.8
 229 22.1 15.8 23.8





#83

Chrysene

Concen: 24.63 ng

RT: 21.867 min Scan# 3153

Delta R.T. 0.013 min

Lab File: BG048592.D

Acq: 5 Apr 2021 20:40

Tgt Ion:228 Resp: 282908

Ion Ratio Lower Upper

228 100

226 29.9 20.6 31.0

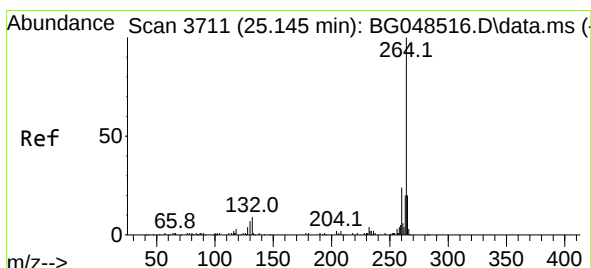
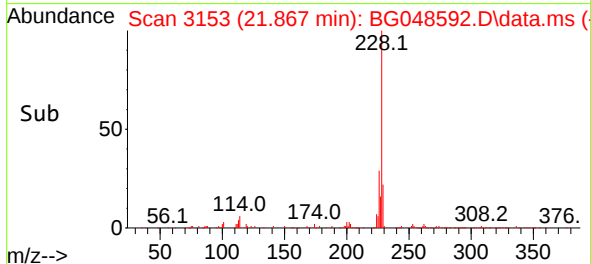
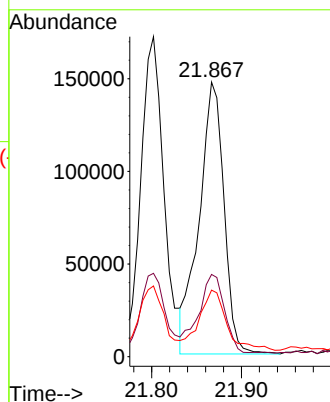
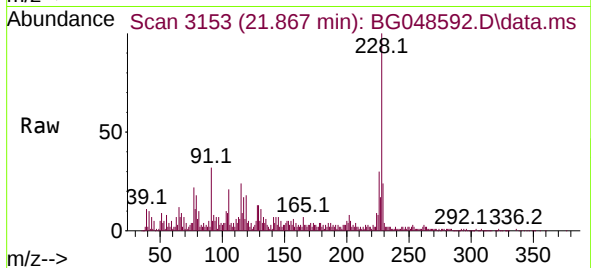
229 24.2 16.3 24.5

Instrument :

BNA_G

ClientSampleId :

FS-SB-10-26-27



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.180 min Scan# 3717

Delta R.T. 0.030 min

Lab File: BG048592.D

Acq: 5 Apr 2021 20:40

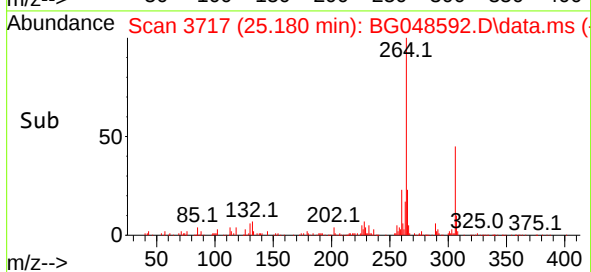
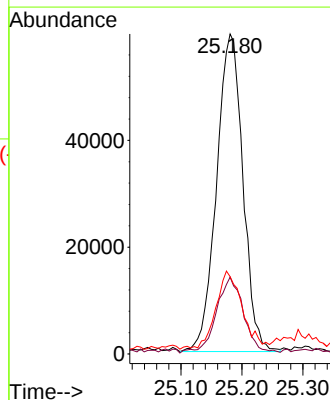
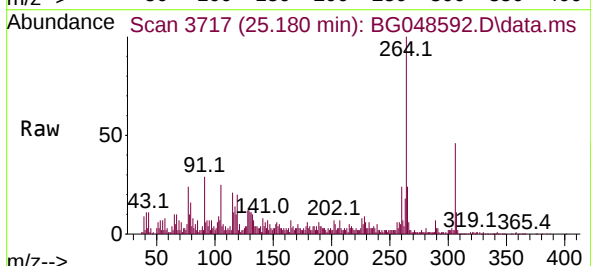
Tgt Ion:264 Resp: 178902

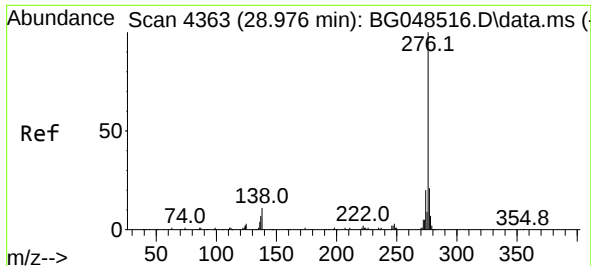
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 24.2 16.1 24.1#

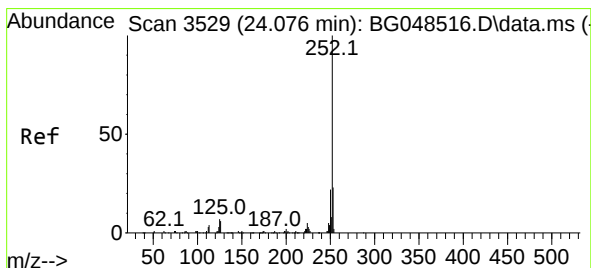
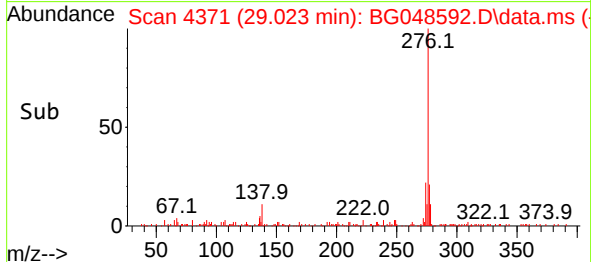
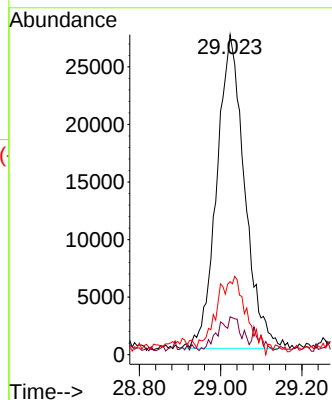
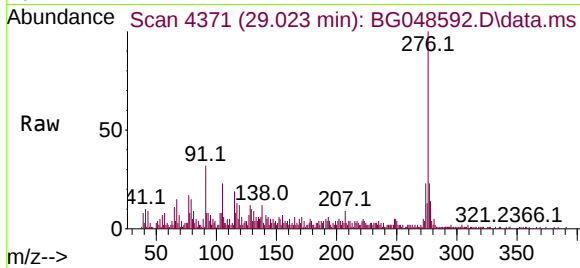




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.31 ng
 RT: 29.023 min Scan# 4371
 Delta R.T. 0.030 min
 Lab File: BG048592.D
 Acq: 5 Apr 2021 20:40

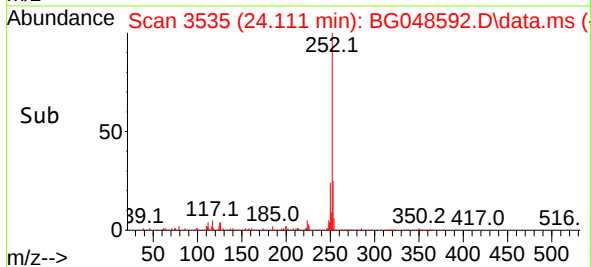
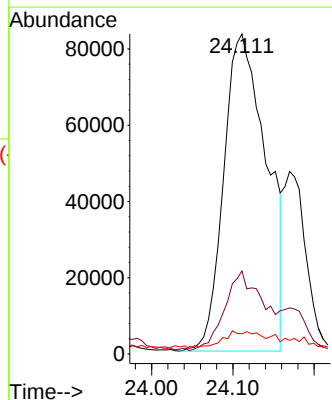
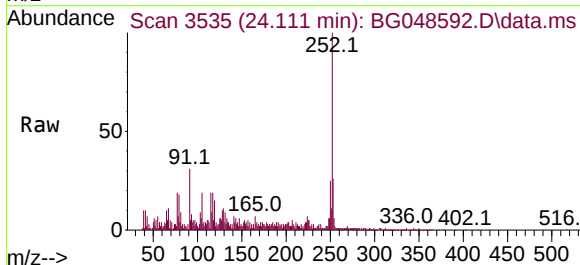
Instrument :
 BNA_G
 ClientSampleId :
 FS-SB-10-26-27

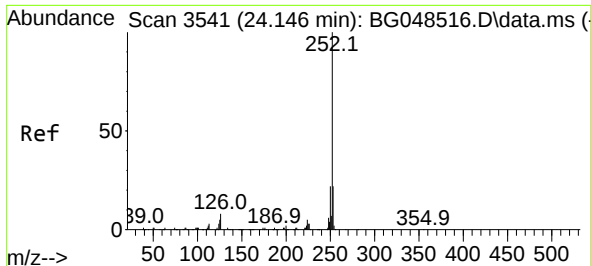
Tgt Ion:276 Resp: 129316
 Ion Ratio Lower Upper
 276 100
 138 4.9 7.8 11.8#
 277 0.0 0.0 0.0



#88
 Benzo(b)fluoranthene
 Concen: 26.16 ng
 RT: 24.111 min Scan# 3535
 Delta R.T. 0.030 min
 Lab File: BG048592.D
 Acq: 5 Apr 2021 20:40

Tgt Ion:252 Resp: 303999
 Ion Ratio Lower Upper
 252 100
 253 25.9 18.2 27.4
 125 6.3 5.3 7.9

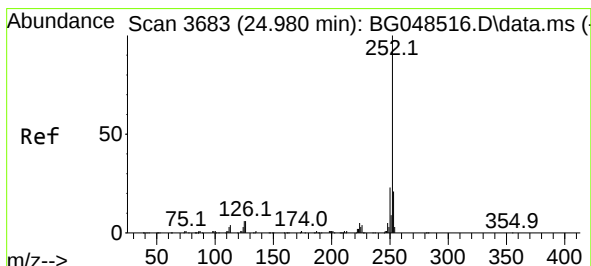
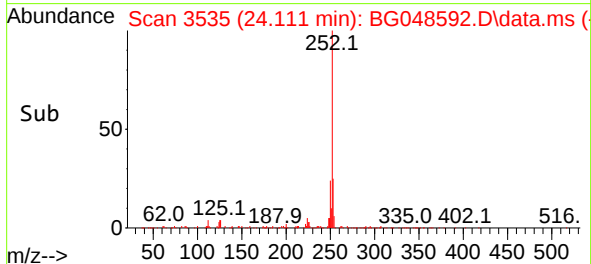
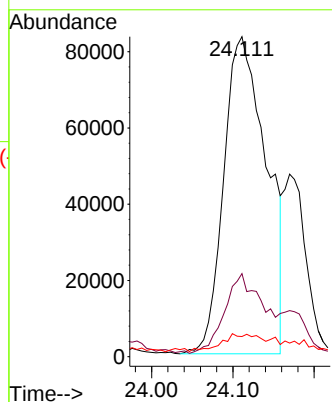
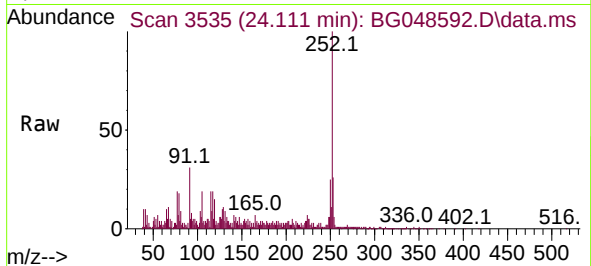




#89
Benzo(k)fluoranthene
Concen: 27.21 ng
RT: 24.111 min Scan# 3535
Delta R.T. -0.040 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

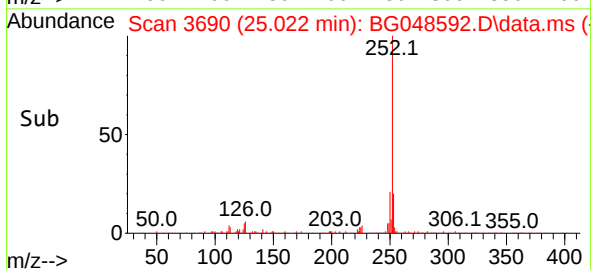
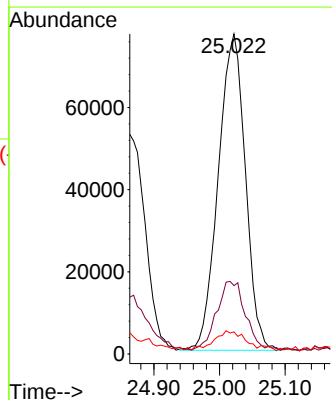
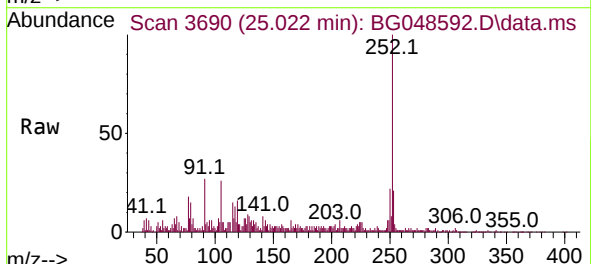
Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

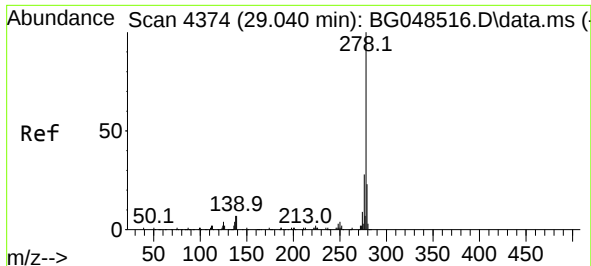
Tgt Ion:252 Resp: 303999
Ion Ratio Lower Upper
252 100
253 25.9 17.9 26.9
125 6.3 3.9 5.9#



#90
Benzo(a)pyrene
Concen: 20.63 ng
RT: 25.022 min Scan# 3690
Delta R.T. 0.030 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:252 Resp: 220896
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 6.9 4.4 6.6#

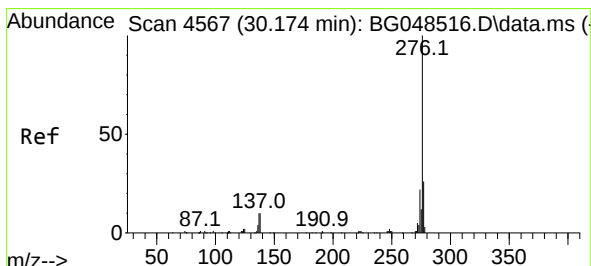
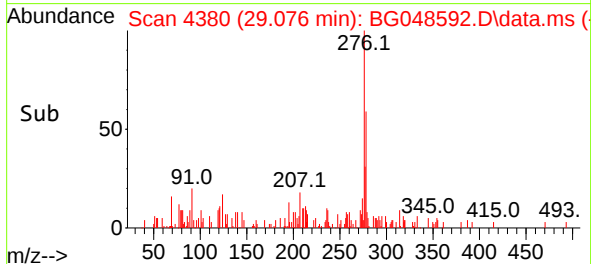
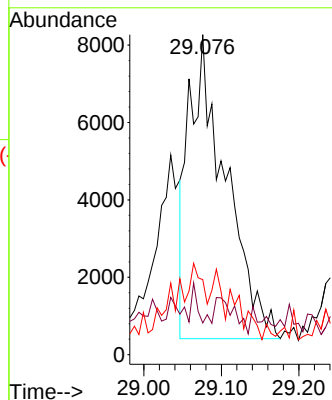
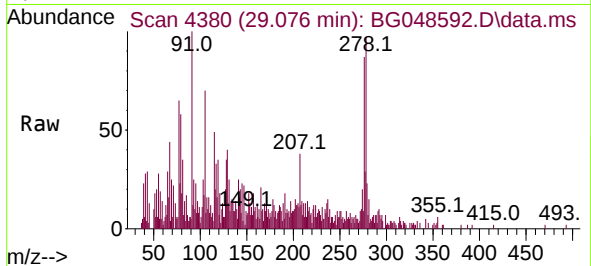




#91
Dibenzo(a,h)anthracene
Concen: 2.41 ng
RT: 29.076 min Scan# 4380
Delta R.T. 0.013 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Instrument :
BNA_G
ClientSampleId :
FS-SB-10-26-27

Tgt Ion:278 Resp: 25828
Ion Ratio Lower Upper
278 100
139 9.9 5.8 8.6#
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 11.65 ng
RT: 30.233 min Scan# 4577
Delta R.T. 0.036 min
Lab File: BG048592.D
Acq: 5 Apr 2021 20:40

Tgt Ion:276 Resp: 122097
Ion Ratio Lower Upper
276 100
277 22.4 20.4 30.6
138 11.4 8.1 12.1

