

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010521\
 Data File : BG047875.D
 Acq On : 5 Jan 2021 20:18
 Operator : CG/JU
 Sample : M1004-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1

Quant Time: Jan 06 00:02:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

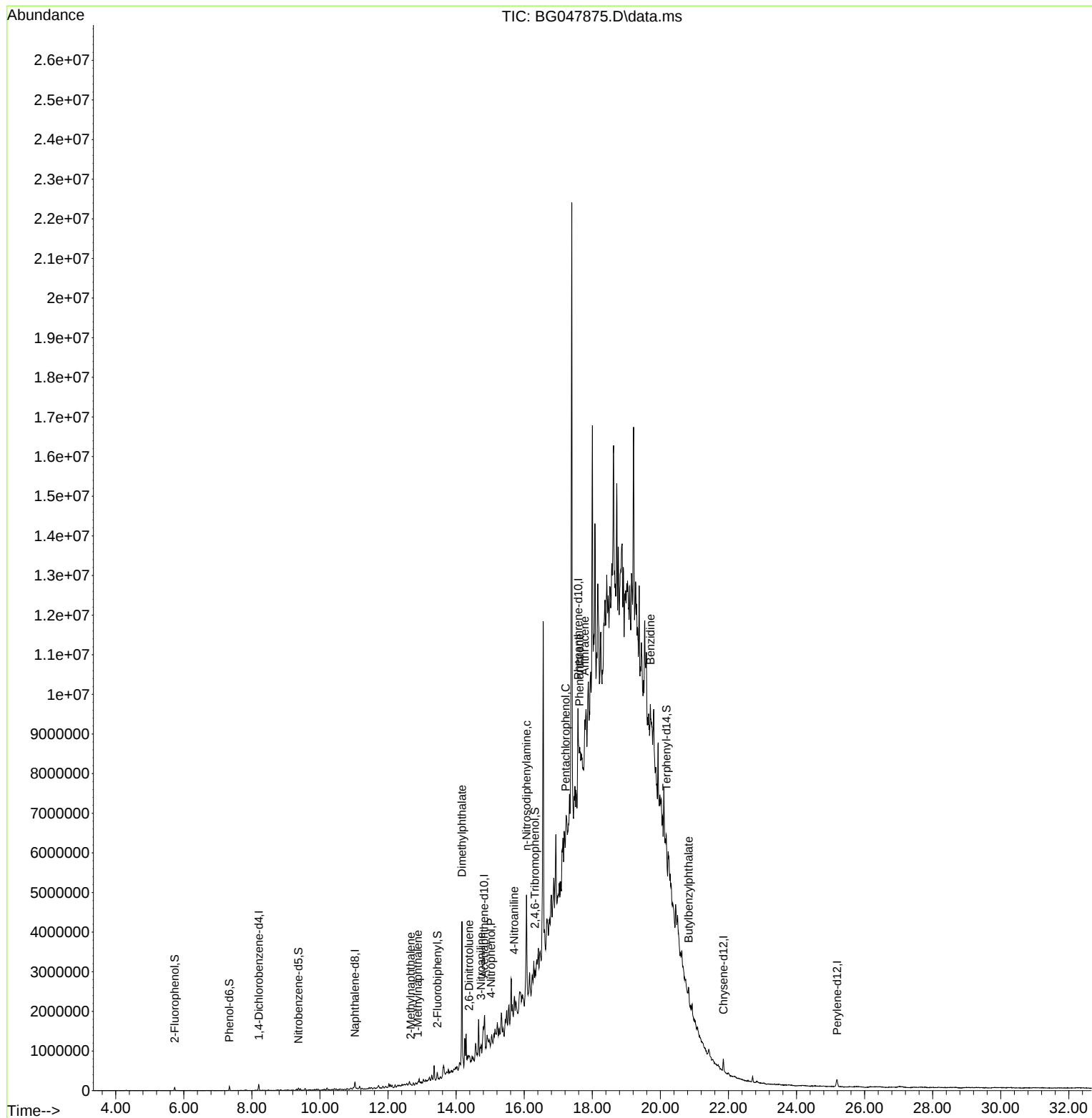
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	38765	20.00	ng	# 0.00
21) Naphthalene-d8	11.028	136	138097	20.00	ng	# 0.00
39) Acenaphthene-d10	14.823	164	93678	20.00	ng	0.00
64) Phenanthrene-d10	17.585	188	224545	20.00	ng	# 0.02
76) Chrysene-d12	21.850	240	185293	20.00	ng	# 0.02
86) Perylene-d12	25.194	264	199626	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	31292	13.96	ng	0.00
7) Phenol-d6	7.338	99	43800	13.37	ng	0.00
23) Nitrobenzene-d5	9.365	82	35344	9.41	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	19859	12.42	ng	0.00
45) 2-Fluorobiphenyl	13.449	172	65602	9.06	ng	0.00
79) Terphenyl-d14	20.176	244	123695	11.00	ng	0.03
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.667	142	17555	2.98	ng	# 72
38) 1-Methylnaphthalene	12.879	142	15402	2.77	ng	# 90
50) Dimethylphthalate	14.171	163	232482	28.79	ng	# 94
51) 2,6-Dinitrotoluene	14.377	165	6725	4.10	ng	# 67
53) 3-Nitroaniline	14.735	138	8578	5.27	ng	# 41
56) 4-Nitrophenol	15.023	139	5962	5.08	ng	# 1
62) 4-Nitroaniline	15.705	138	21188	11.84	ng	92
66) n-Nitrosodiphenylamine	16.069	169	89928	14.00	ng	# 50
70) Pentachlorophenol	17.215	266	7354	7.06	ng	# 4
71) Phenanthrene	17.620	178	61859	5.11	ng	# 1
72) Anthracene	17.779	178	44665	3.81	ng	# 1
77) Benzidine	19.712	184	14392	2.89	ng	# 1
80) Butylbenzylphthalate	20.828	149	33368	7.33	ng	# 13

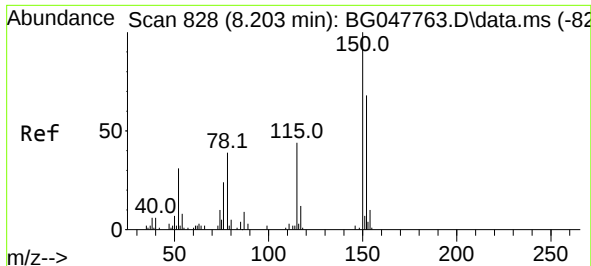
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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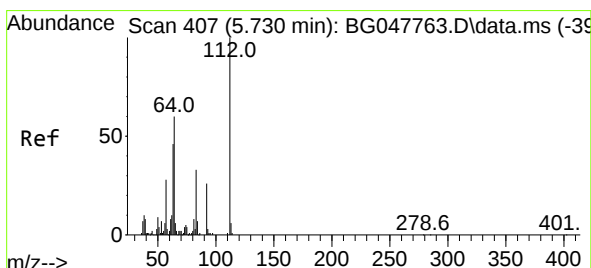
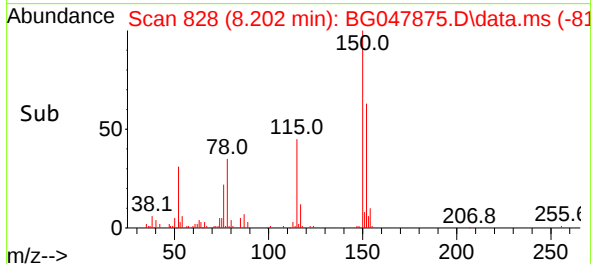
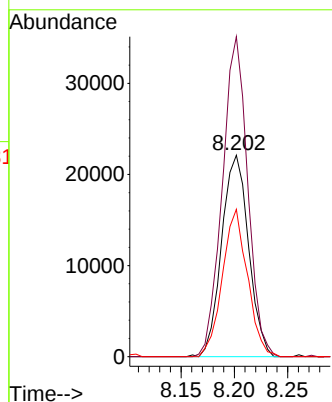
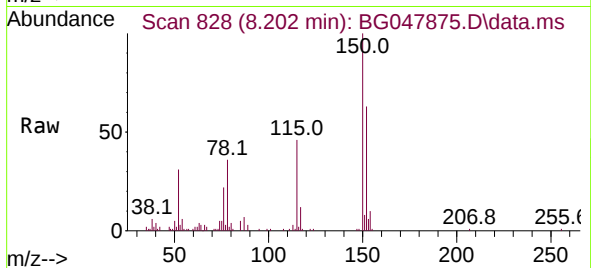




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.202 min Scan# 828
Delta R.T. -0.001 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

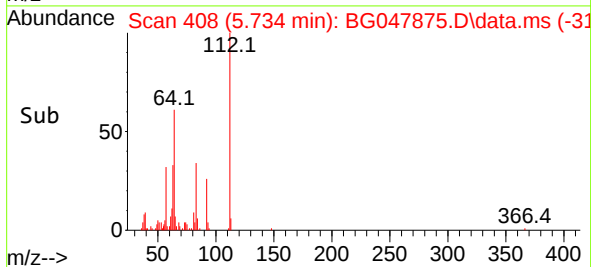
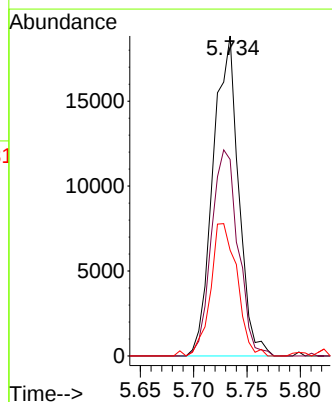
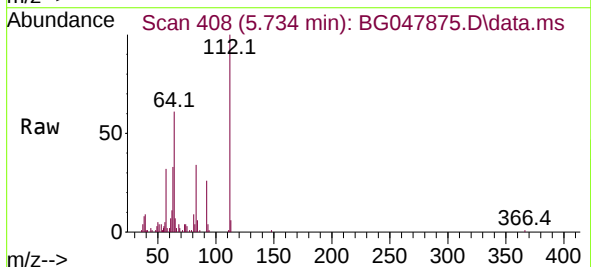
Instrument :
BNA_G
ClientSampleId :
T1

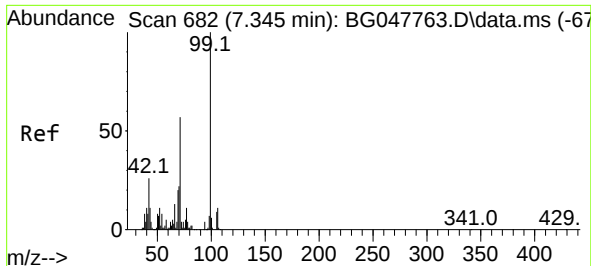
Tgt Ion:152 Resp: 38765
Ion Ratio Lower Upper
152 100
150 158.9 125.0 187.6
115 73.2 41.8 62.6#



#5
2-Fluorophenol
Concen: 13.96 ng
RT: 5.734 min Scan# 408
Delta R.T. 0.004 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:112 Resp: 31292
Ion Ratio Lower Upper
112 100
64 61.4 46.7 70.1
63 33.0 22.8 34.2

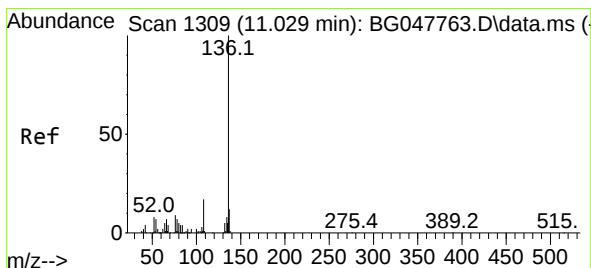
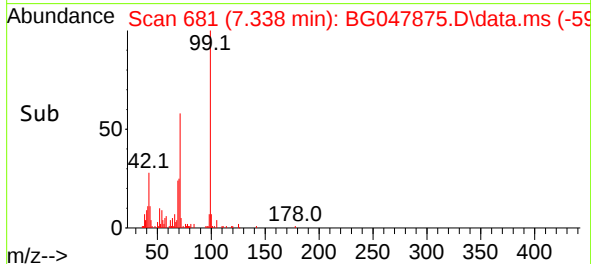
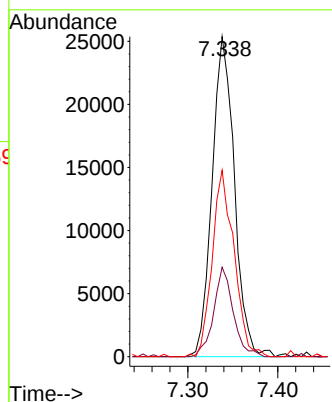
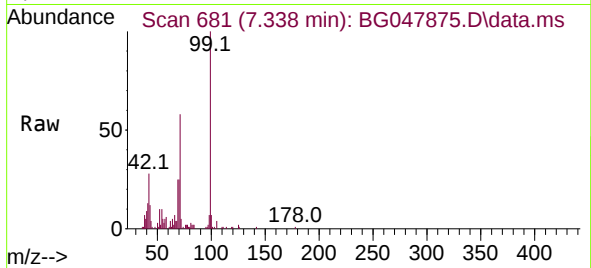




#7
Phenol-d6
Concen: 13.37 ng
RT: 7.338 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

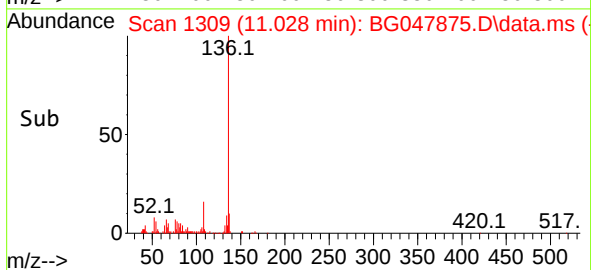
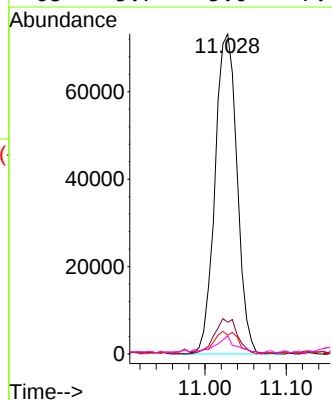
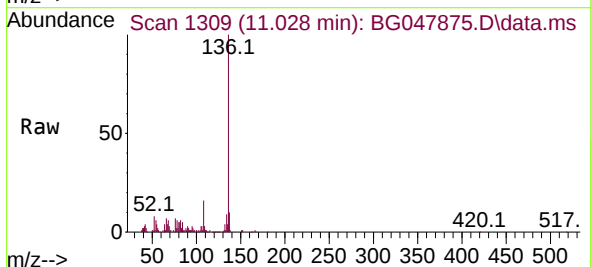
Instrument :
BNA_G
ClientSampleId :
T1

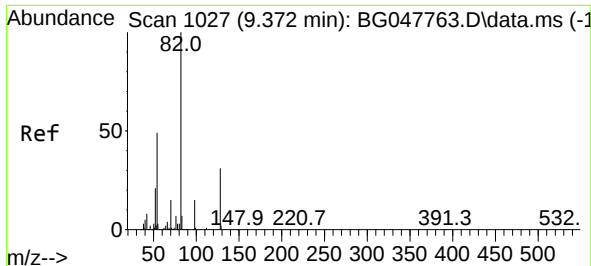
Tgt Ion: 99 Resp: 43800
Ion Ratio Lower Upper
99 100
42 28.0 12.8 19.2#
71 58.3 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.028 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:136 Resp: 138097
Ion Ratio Lower Upper
136 100
137 9.9 9.1 13.7
54 5.9 6.2 9.4#
68 5.7 5.0 7.4

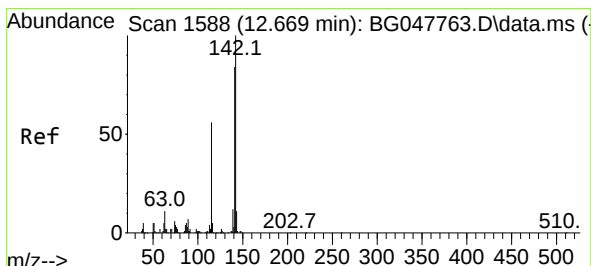
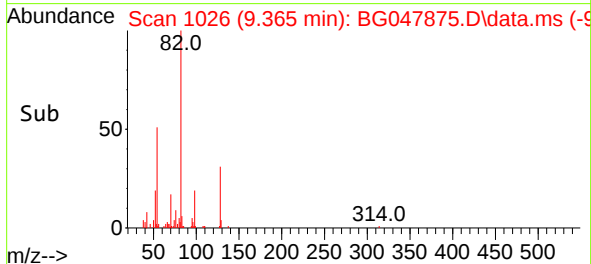
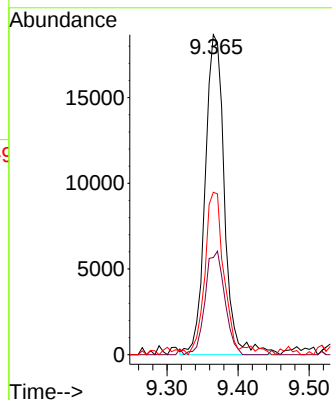
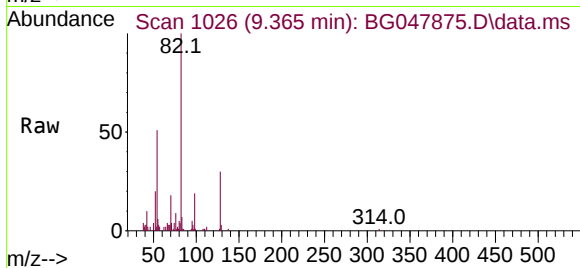




#23
Nitrobenzene-d5
Concen: 9.41 ng
RT: 9.365 min Scan# 1026
Delta R.T. -0.007 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

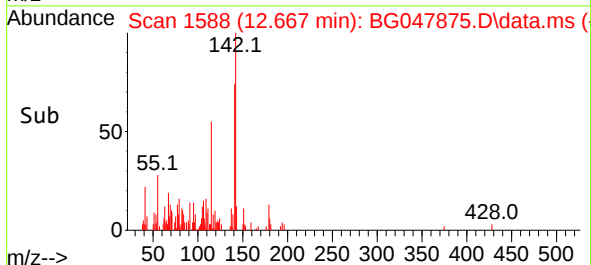
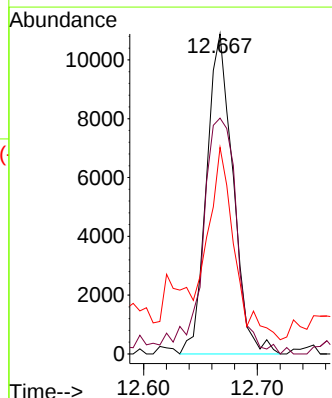
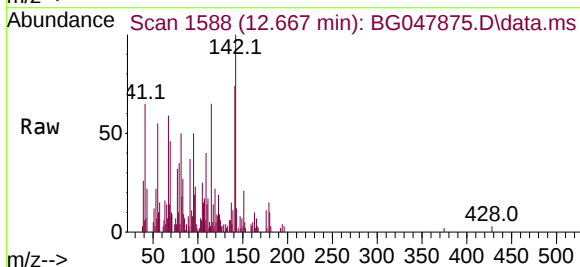
Instrument :
BNA_G
ClientSampleId :
T1

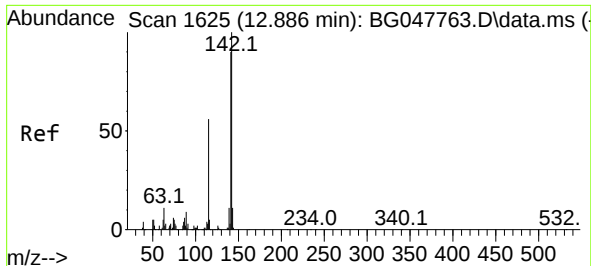
Tgt Ion: 82 Resp: 35344
Ion Ratio Lower Upper
82 100
128 30.3 37.0 55.6#
54 50.7 39.0 58.4



#37
2-Methylnaphthalene
Concen: 2.98 ng
RT: 12.667 min Scan# 1588
Delta R.T. -0.001 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:142 Resp: 17555
Ion Ratio Lower Upper
142 100
141 73.7 71.6 107.4
115 64.5 25.4 38.2#

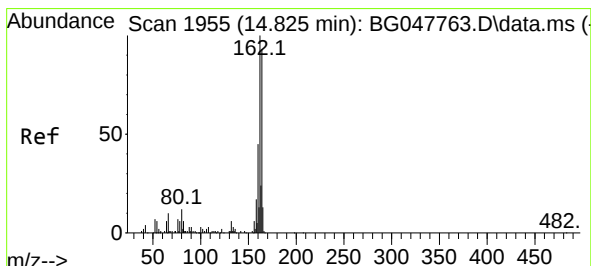
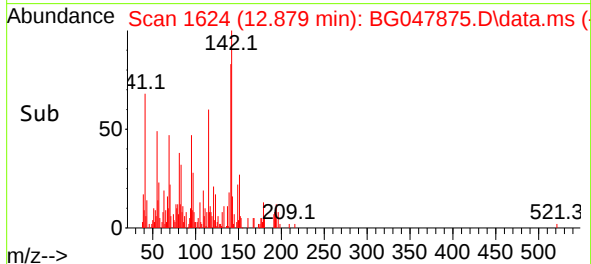
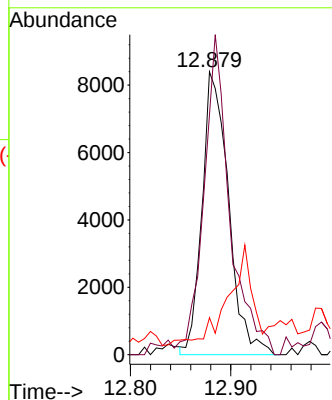
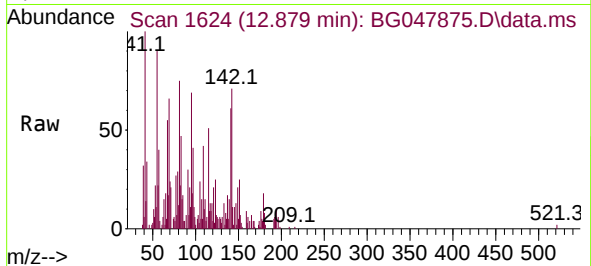




#38
1-Methylnaphthalene
Concen: 2.77 ng
RT: 12.879 min Scan# 1624
Delta R.T. -0.007 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

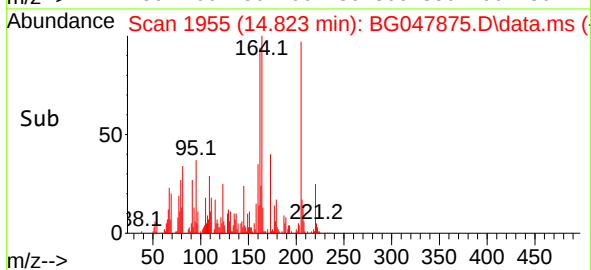
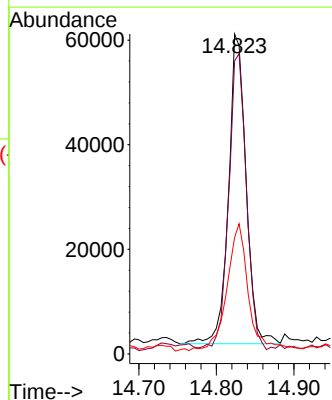
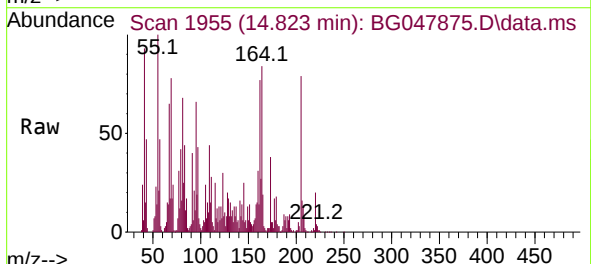
Instrument :
BNA_G
ClientSampleId :
T1

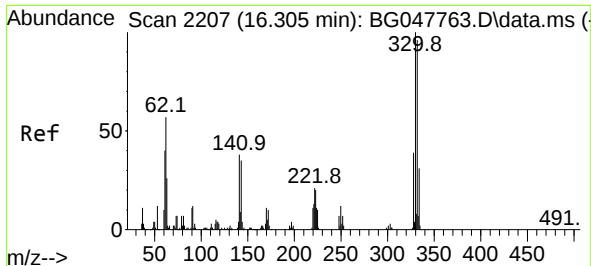
Tgt Ion:142 Resp: 15402
Ion Ratio Lower Upper
142 100
141 84.9 75.4 113.2
116 13.1 2.9 4.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.823 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:164 Resp: 93678
Ion Ratio Lower Upper
164 100
162 91.5 82.3 123.5
160 36.4 35.3 52.9

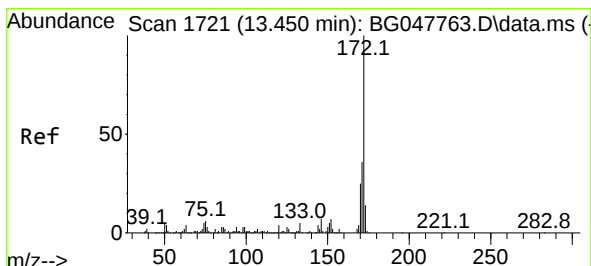
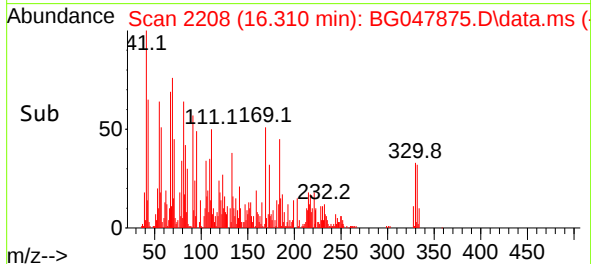
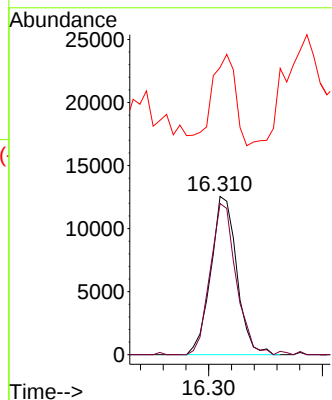
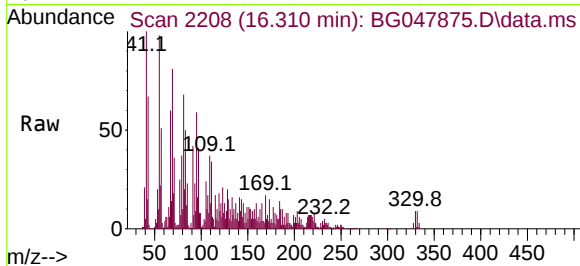




#42
2,4,6-Tribromophenol
Concen: 12.42 ng
RT: 16.310 min Scan# 2208
Delta R.T. 0.004 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

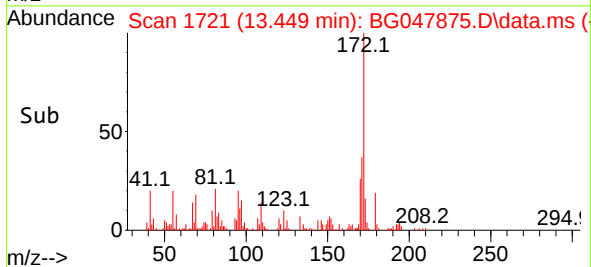
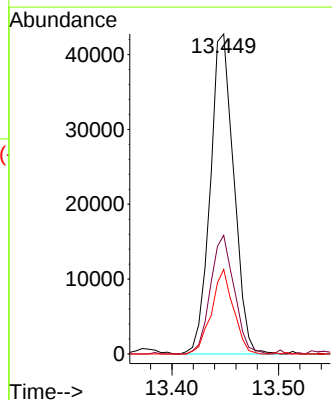
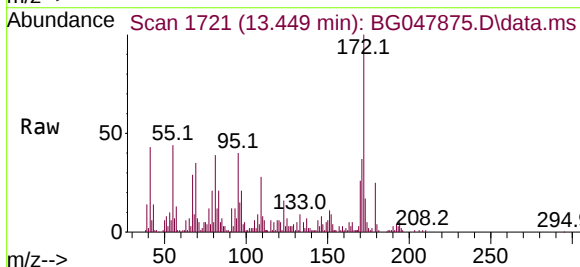
Instrument :
BNA_G
ClientSampled :
T1

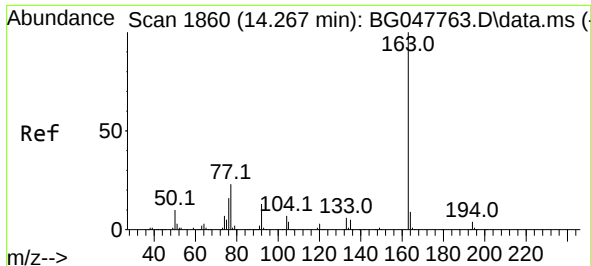
Tgt Ion:330 Resp: 19859
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 47.4 26.0 39.0#



#45
2-Fluorobiphenyl
Concen: 9.06 ng
RT: 13.449 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:172 Resp: 65602
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 26.4 20.8 31.2

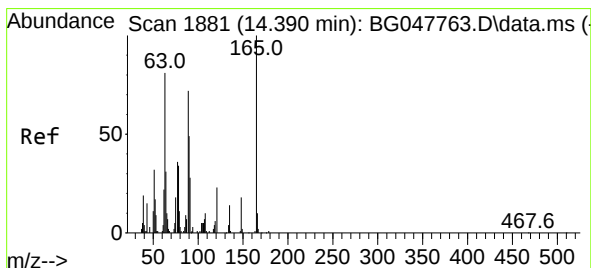
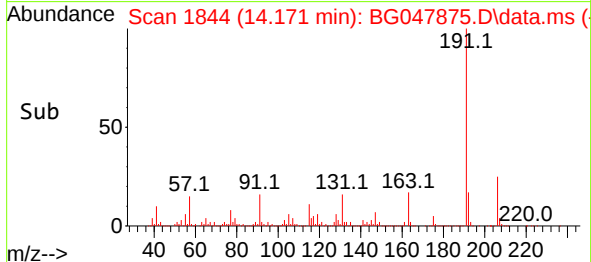
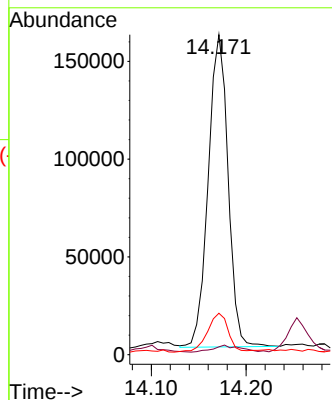
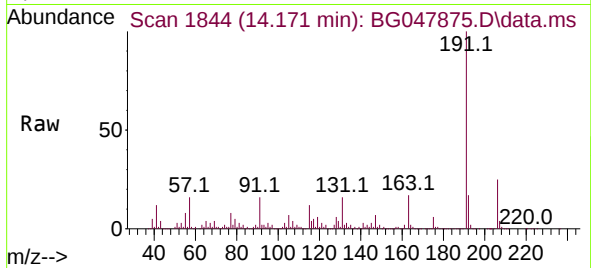




#50
Dimethylphthalate
Concen: 28.79 ng
RT: 14.171 min Scan# 1844
Delta R.T. -0.095 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

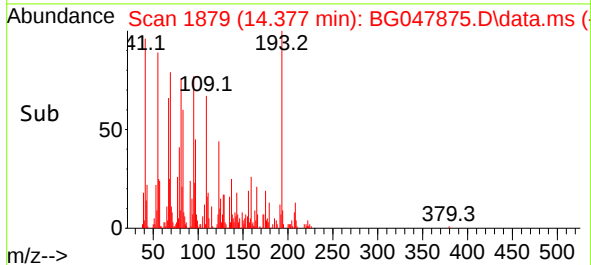
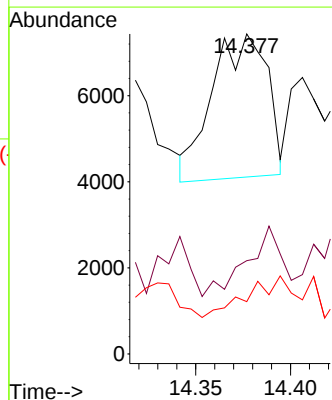
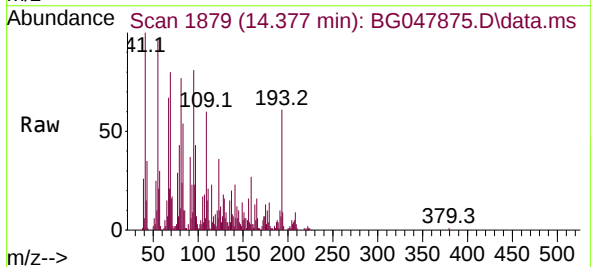
Instrument :
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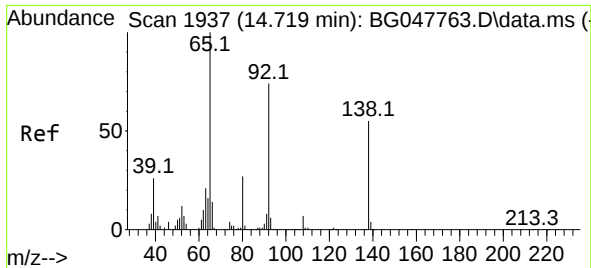
Tgt Ion:163 Resp: 232482
Ion Ratio Lower Upper
163 100
194 2.4 3.8 5.8#
164 13.0 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 4.10 ng
RT: 14.377 min Scan# 1879
Delta R.T. -0.013 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:165 Resp: 6725
Ion Ratio Lower Upper
165 100
63 29.2 33.7 50.5#
89 16.3 36.6 54.8#

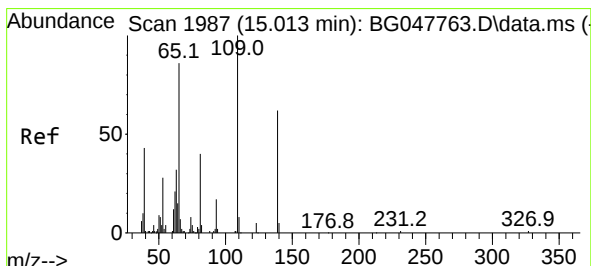
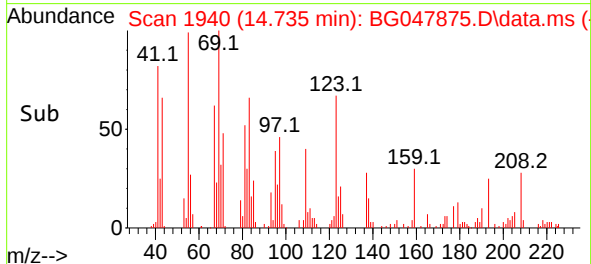
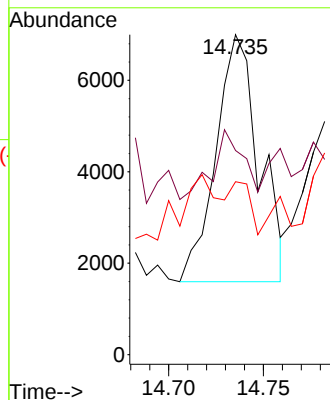
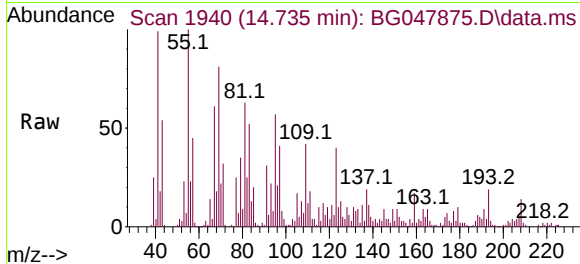




#53
3-Nitroaniline
Concen: 5.27 ng
RT: 14.735 min Scan# 1940
Delta R.T. 0.016 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

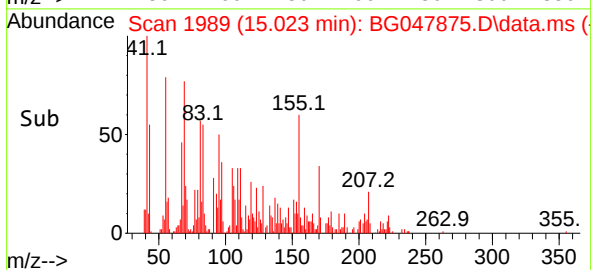
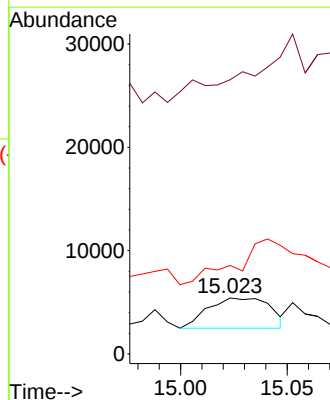
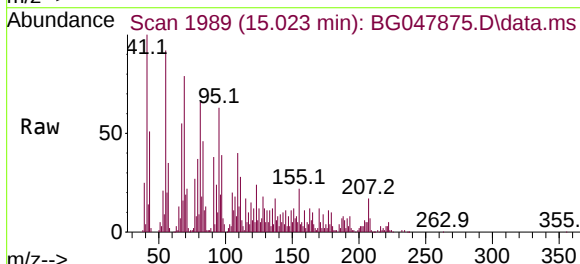
Instrument :
BNA_G
ClientSampleId :
T1

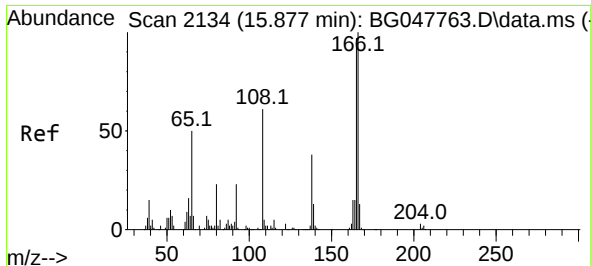
Tgt Ion:138 Resp: 8578
Ion Ratio Lower Upper
138 100
108 63.8 7.4 11.0#
92 54.0 85.2 127.8#



#56
4-Nitrophenol
Concen: 5.08 ng
RT: 15.023 min Scan# 1989
Delta R.T. 0.010 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:139 Resp: 5962
Ion Ratio Lower Upper
139 100
109 489.5 45.9 85.9#
65 157.8 65.4 105.4#

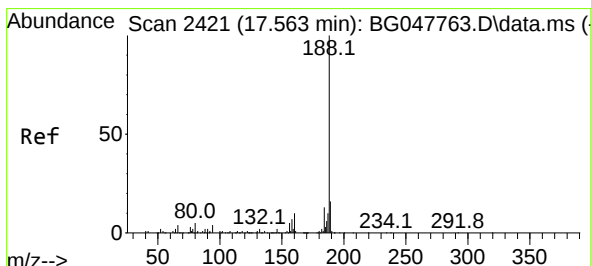
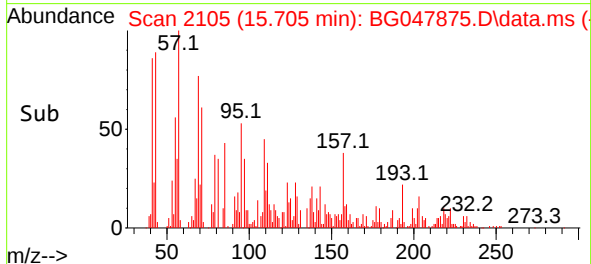
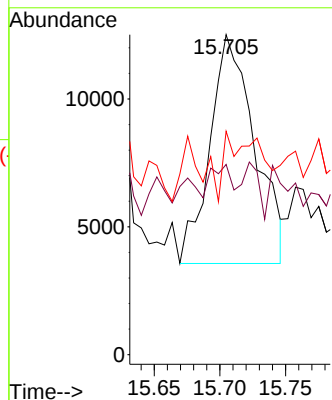
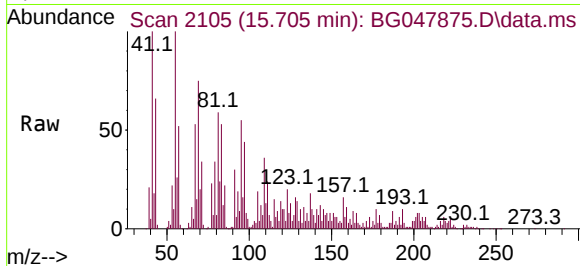




#62
4-Nitroaniline
Concen: 11.84 ng
RT: 15.705 min Scan# 2105
Delta R.T. -0.172 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

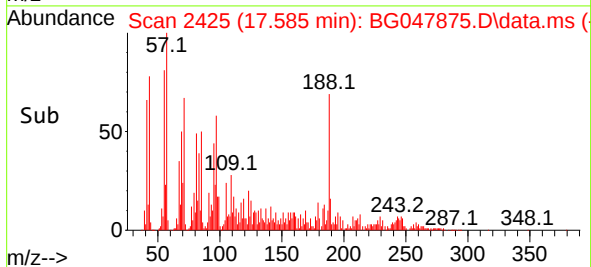
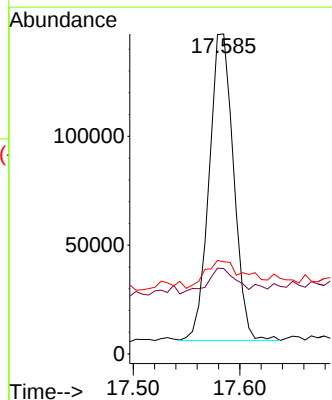
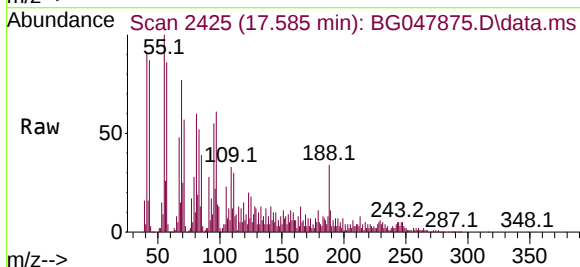
Instrument :
BNA_G
ClientSampleId :
T1

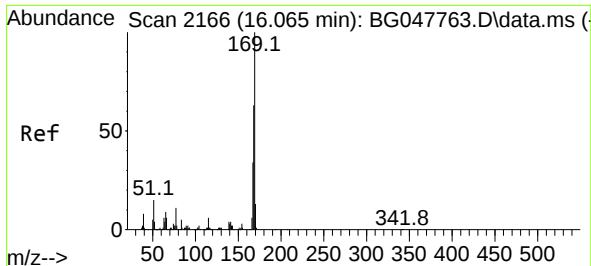
Tgt Ion:	138	Resp:	21188
Ion Ratio	Lower	Upper	
138	100		
92	59.4	26.9	66.9
108	69.8	49.4	89.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.585 min Scan# 2425
Delta R.T. 0.022 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:	188	Resp:	224545
Ion Ratio	Lower	Upper	
188	100		
94	26.7	6.3	9.5#
80	28.8	7.0	10.6#

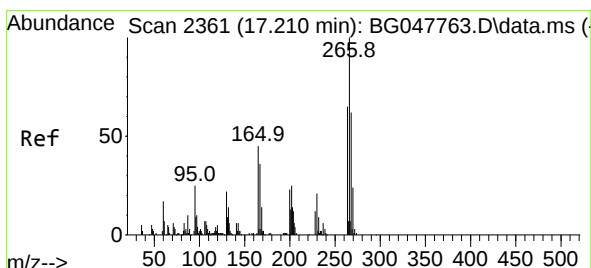
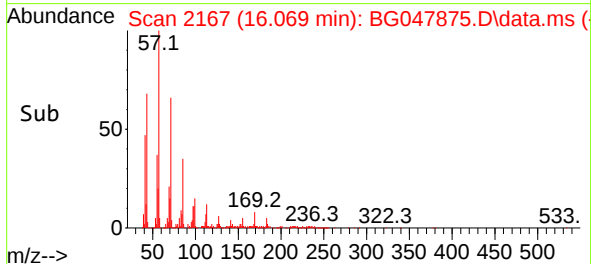
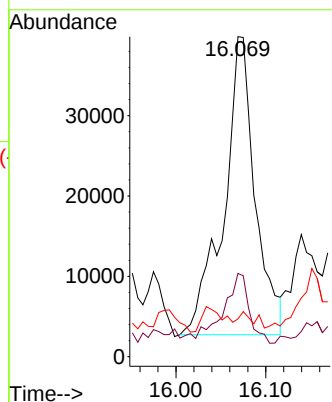
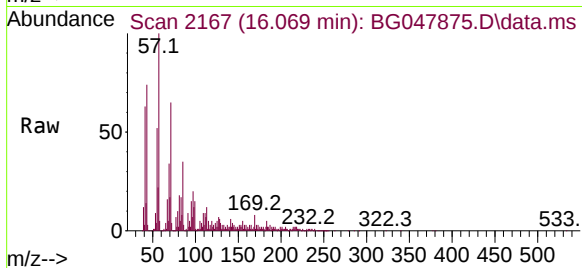




#66
n-Nitrosodiphenylamine
Concen: 14.00 ng
RT: 16.069 min Scan# 2167
Delta R.T. 0.004 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

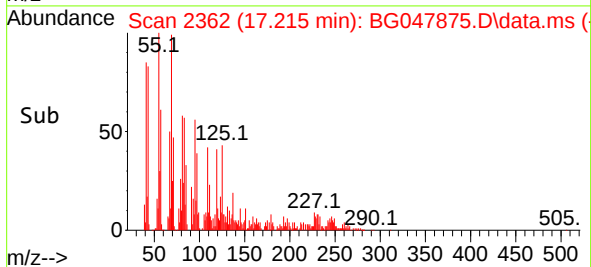
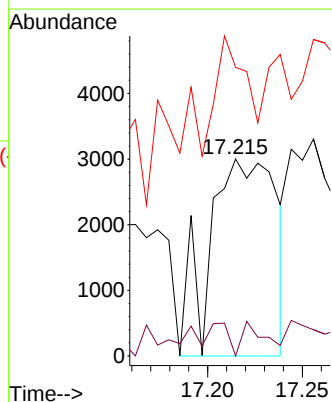
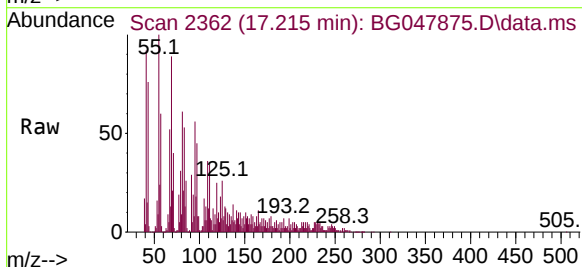
Instrument :
BNA_G
ClientSampleId :
T1

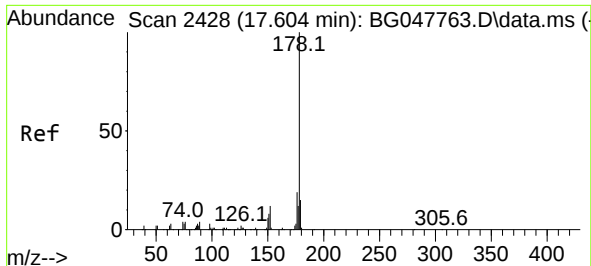
Tgt Ion:169 Resp: 89928
Ion Ratio Lower Upper
169 100
168 26.0 55.5 83.3#
167 11.8 30.5 45.7#



#70
Pentachlorophenol
Concen: 7.06 ng
RT: 17.215 min Scan# 2362
Delta R.T. 0.005 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:266 Resp: 7354
Ion Ratio Lower Upper
266 100
268 0.0 49.8 74.6#
264 146.6 49.3 73.9#

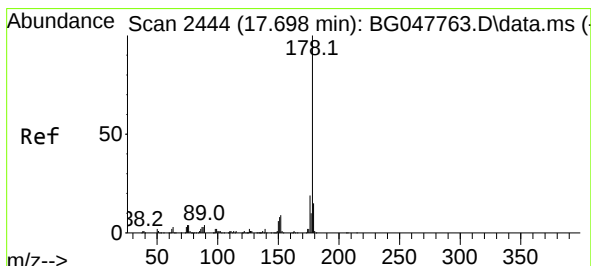
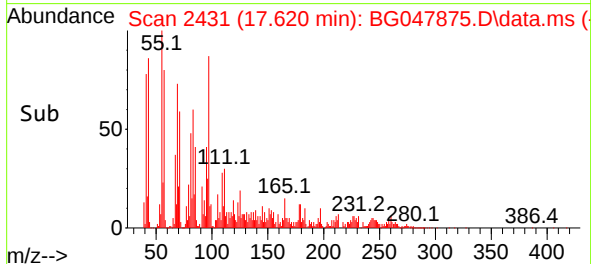
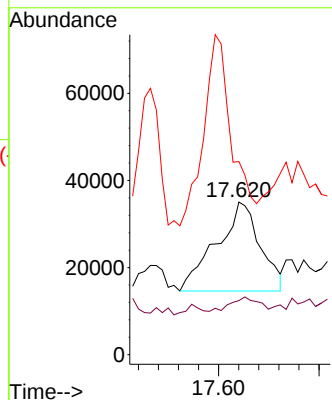
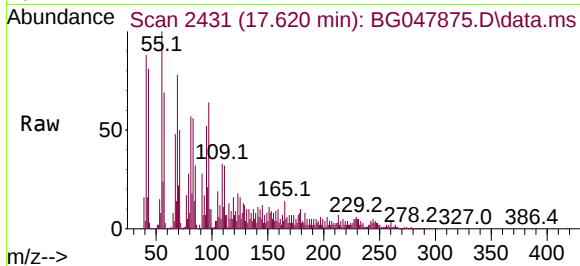




#71
Phenanthrene
Concen: 5.11 ng
RT: 17.620 min Scan# 2431
Delta R.T. 0.016 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

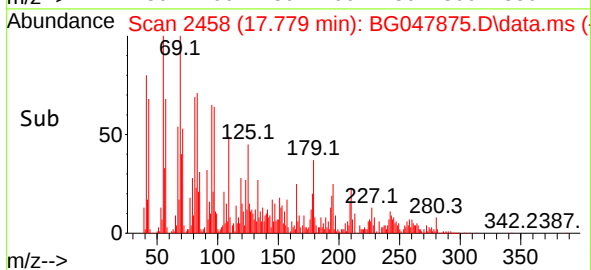
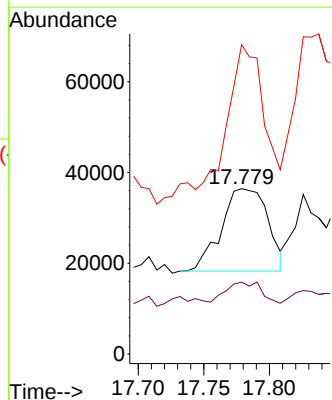
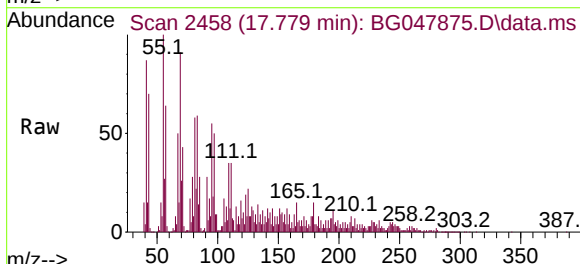
Instrument :
BNA_G
ClientSampleId :
T1

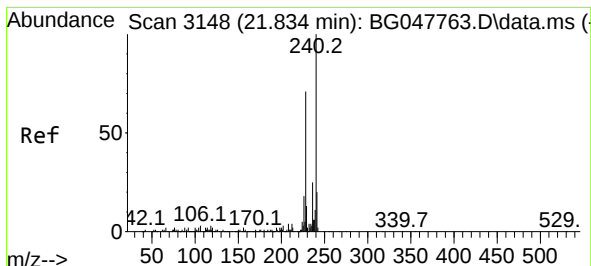
Tgt Ion:178 Resp: 61859
Ion Ratio Lower Upper
178 100
176 35.4 16.7 25.1#
179 126.5 14.0 21.0#



#72
Anthracene
Concen: 3.81 ng
RT: 17.779 min Scan# 2458
Delta R.T. 0.081 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:178 Resp: 44665
Ion Ratio Lower Upper
178 100
176 43.5 16.4 24.6#
179 187.1 13.8 20.6#

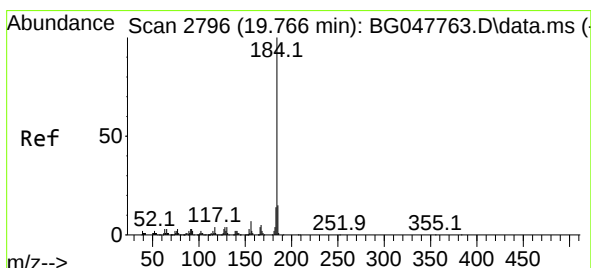
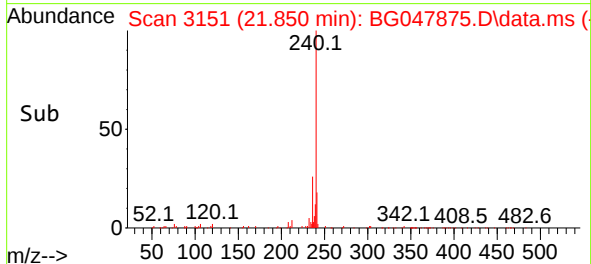
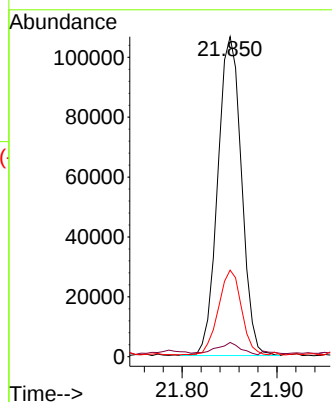
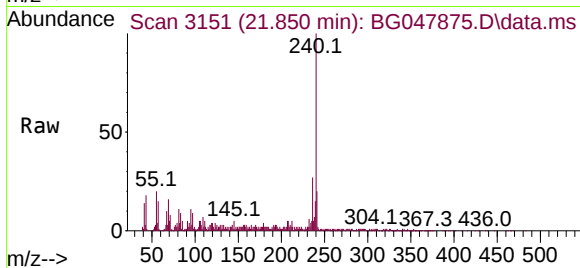




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.850 min Scan# 3151
Delta R.T. 0.016 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

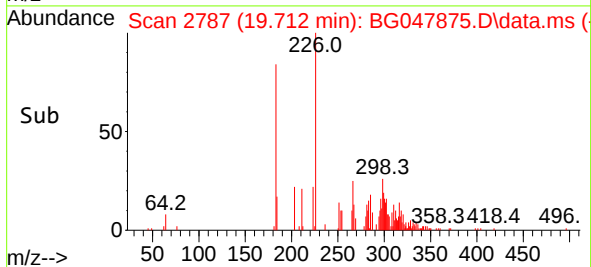
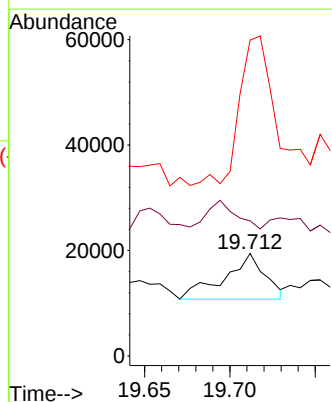
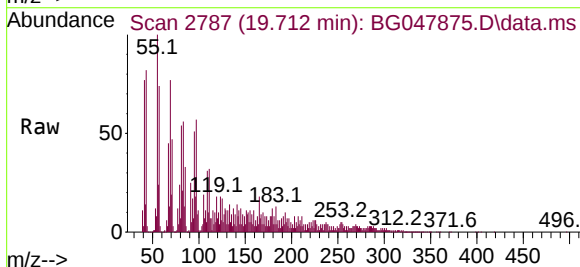
Instrument :
BNA_G
ClientSampled :
T1

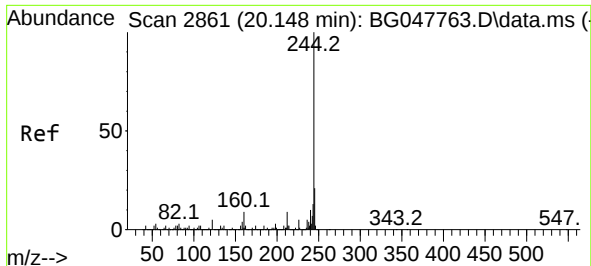
Tgt Ion:240 Resp: 185293
Ion Ratio Lower Upper
240 100
120 4.5 6.2 9.4#
236 27.0 20.5 30.7



#77
Benzydine
Concen: 2.89 ng
RT: 19.712 min Scan# 2787
Delta R.T. -0.054 min
Lab File: BG047875.D
Acq: 5 Jan 2021 20:18

Tgt Ion:184 Resp: 14392
Ion Ratio Lower Upper
184 100
185 131.7 12.4 18.6#
183 308.2 10.6 15.8#

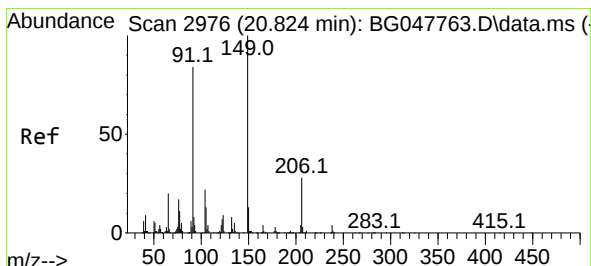
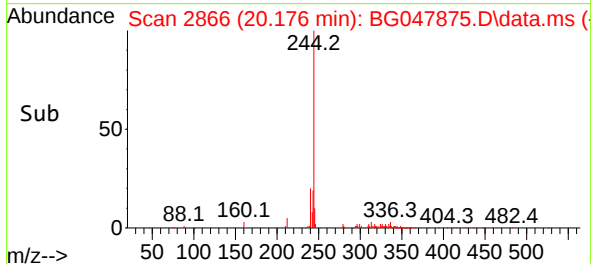
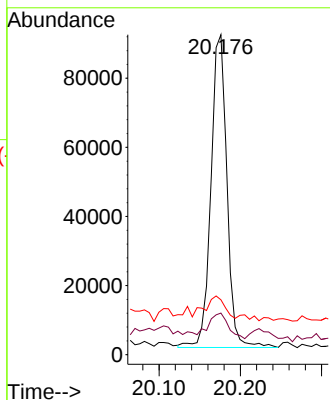
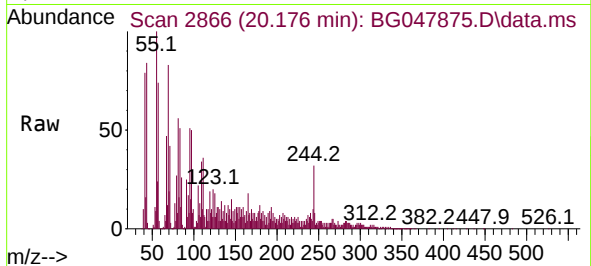




#79
 Terphenyl-d14
 Concen: 11.00 ng
 RT: 20.176 min Scan# 2866
 Delta R.T. 0.028 min
 Lab File: BG047875.D
 Acq: 5 Jan 2021 20:18

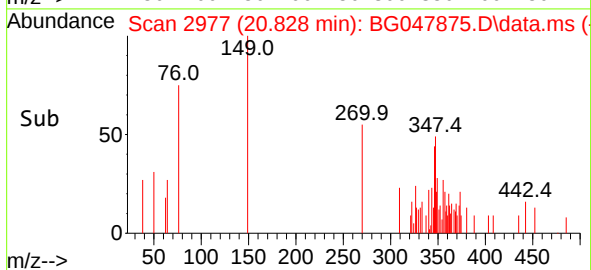
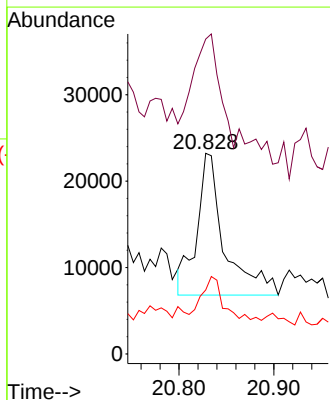
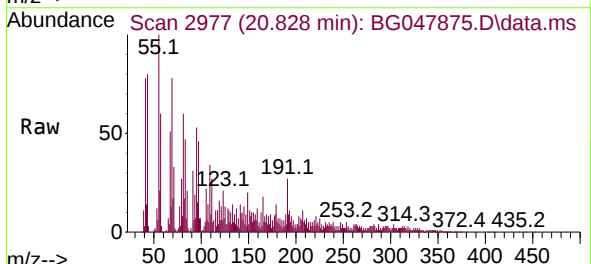
Instrument :
 BNA_G
 ClientSampleId :
 T1

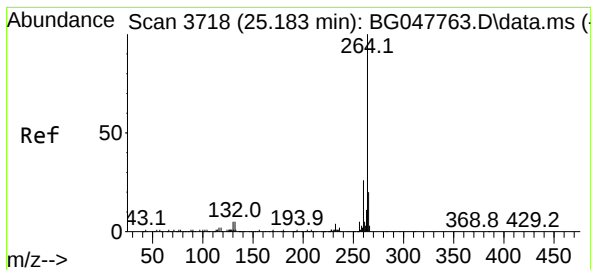
Tgt Ion:244 Resp: 123695
 Ion Ratio Lower Upper
 244 100
 212 13.0 6.7 10.1#
 122 17.2 7.8 11.6#



#80
 Butylbenzylphthalate
 Concen: 7.33 ng
 RT: 20.828 min Scan# 2977
 Delta R.T. 0.004 min
 Lab File: BG047875.D
 Acq: 5 Jan 2021 20:18

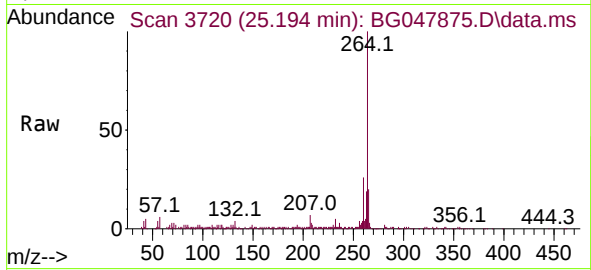
Tgt Ion:149 Resp: 33368
 Ion Ratio Lower Upper
 149 100
 91 157.0 51.5 77.3#
 206 31.9 21.2 31.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.194 min Scan# 3720
 Delta R.T. 0.010 min
 Lab File: BG047875.D
 Acq: 5 Jan 2021 20:18

Instrument :
 BNA_G
 ClientSampleId :
 T1



Tgt Ion:264 Resp: 199626

Ion	Ratio	Lower	Upper
264	100		
260	26.4	18.8	28.2
265	20.2	17.8	26.8

