

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047971.D
 Acq On : 22 Jan 2021 2:48
 Operator : CG/JU
 Sample : M1152-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-EF-01-017-ABCD

Quant Time: Jan 22 03:24:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

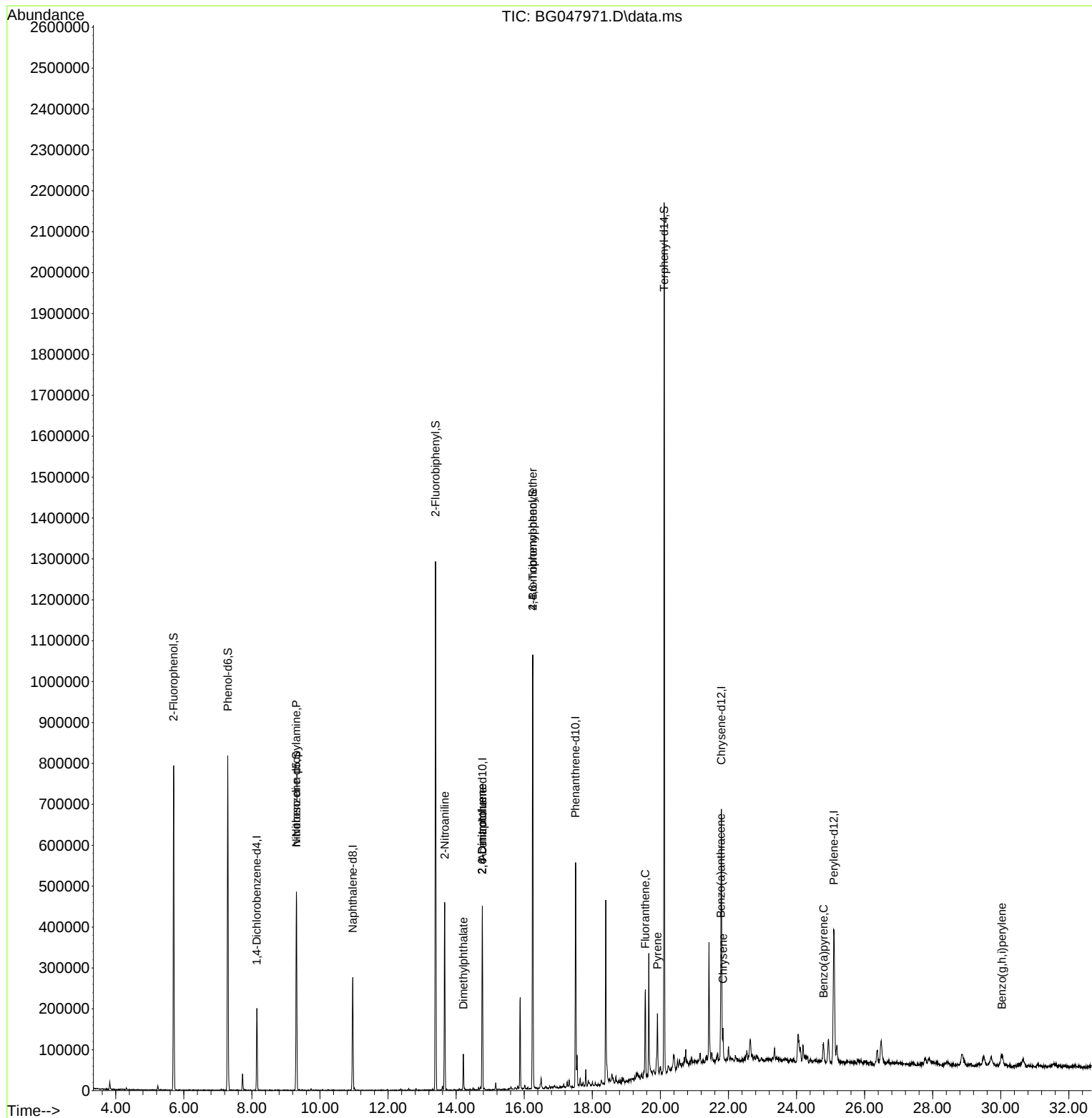
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	55781	20.00	ng	0.00
21) Naphthalene-d8	10.963	136	219021	20.00	ng	0.00
39) Acenaphthene-d10	14.771	164	156067	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	356030	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	362864	20.00	ng	# 0.00
86) Perylene-d12	25.094	264	374132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	299035	87.43	ng	0.00
7) Phenol-d6	7.291	99	416863	80.74	ng	0.00
23) Nitrobenzene-d5	9.306	82	286098	57.44	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	209213	83.77	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	656076	56.14	ng	0.00
79) Terphenyl-d14	20.111	244	967983	49.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.572	88	57	Below Cal	#	1
9) Benzaldehyde	7.291	77	1122	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.306	70	41484	11.35	ng	# 74
32) Benzoic acid	10.429	122	55	Below Cal	#	1
48) 2-Nitroaniline	13.666	65	9498	2.82	ng	# 6
50) Dimethylphthalate	14.212	163	52575	3.88	ng	97
51) 2,6-Dinitrotoluene	14.765	165	20283	7.77	ng	# 36
57) 2,4-Dinitrotoluene	14.765	165	20283	5.54	ng	# 34
67) 4-Bromophenyl-phenylether	16.251	248	13944	2.95	ng	# 1
75) Fluoranthene	19.553	202	106002	4.14	ng	94
78) Pyrene	19.912	202	100336	4.09	ng	94
81) Benzo(a)anthracene	21.774	228	66985	2.67	ng	99
83) Chrysene	21.839	228	61364	2.56	ng	97
90) Benzo(a)pyrene	24.794	252	48831	2.08	ng	97
92) Benzo(g,h,i)perylene	30.035	276	53092	2.33	ng	97

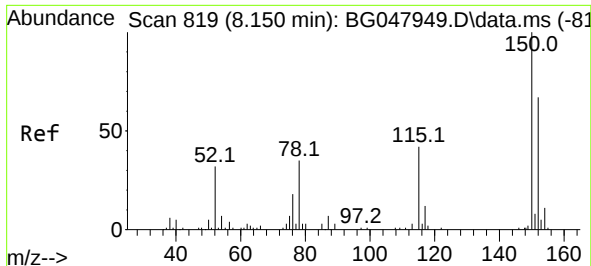
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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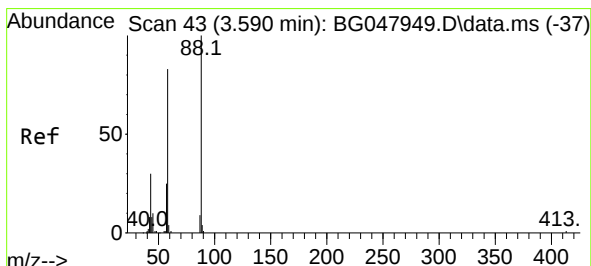
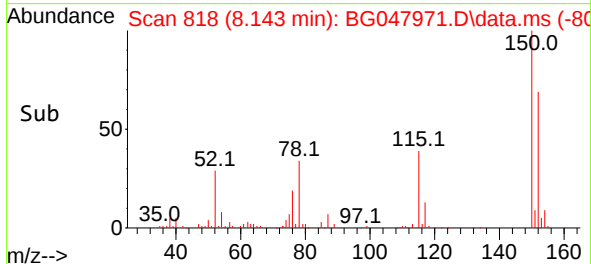
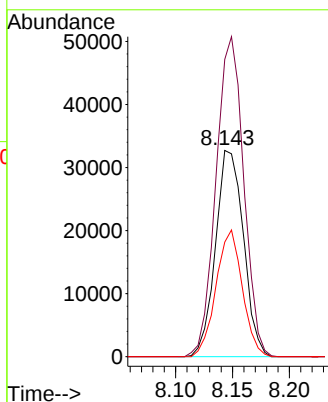
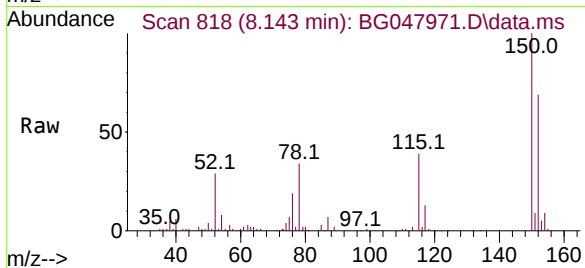




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.143 min Scan# 818
Delta R.T. -0.007 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

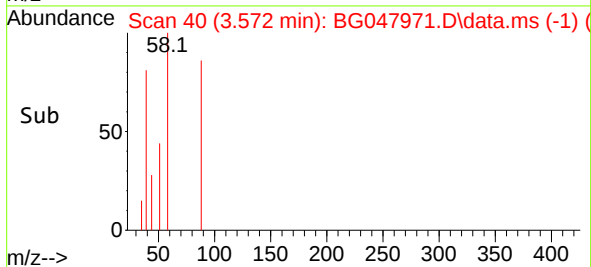
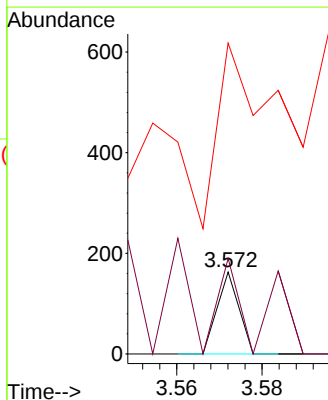
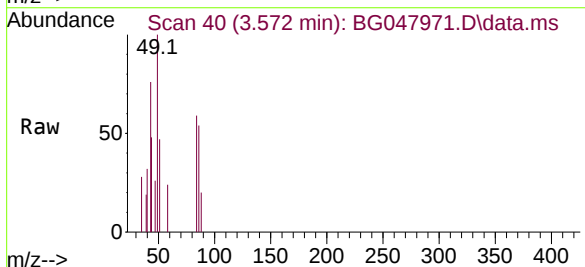
Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

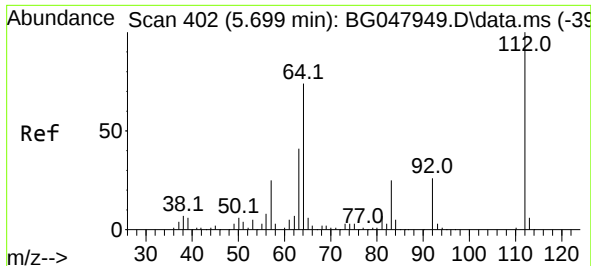
Tgt Ion:152 Resp: 55781
Ion Ratio Lower Upper
152 100
150 144.1 125.0 187.6
115 55.6 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.572 min Scan# 40
Delta R.T. -0.018 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
58 0.0 61.6 92.4#
43 636.8 21.3 31.9#

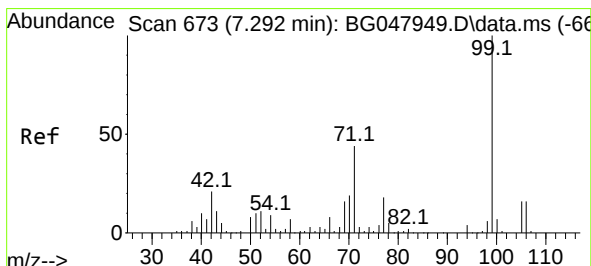
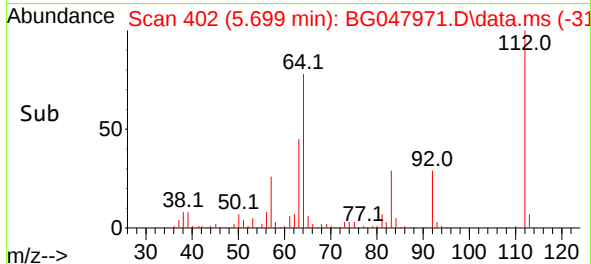
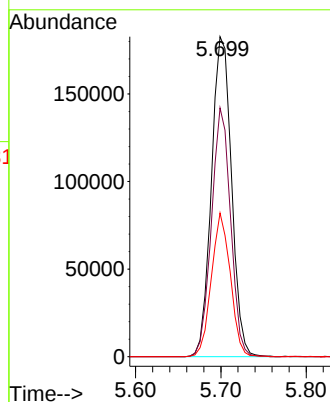
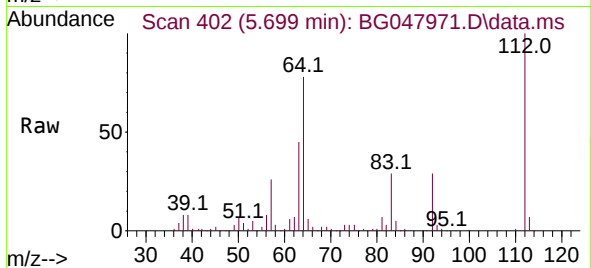




#5
2-Fluorophenol
Concen: 87.43 ng
RT: 5.699 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

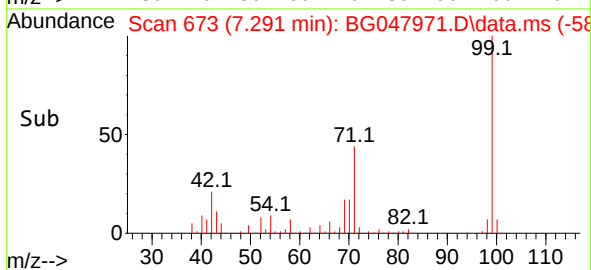
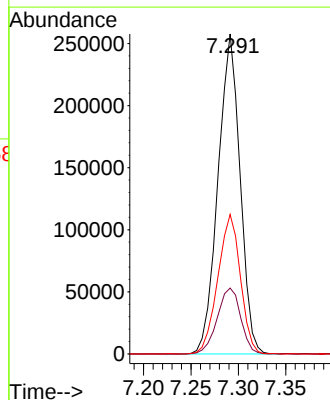
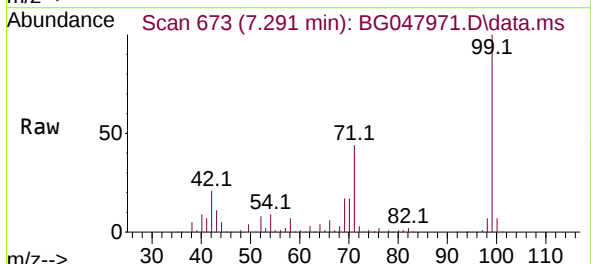
Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

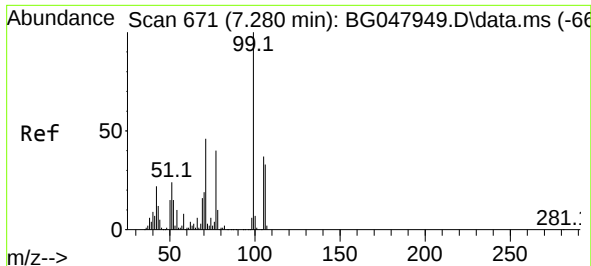
Tgt Ion:112 Resp: 299035
Ion Ratio Lower Upper
112 100
64 77.8 46.7 70.1#
63 44.9 22.8 34.2#



#7
Phenol-d6
Concen: 80.74 ng
RT: 7.291 min Scan# 673
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion: 99 Resp: 416863
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 43.6 24.6 36.8#

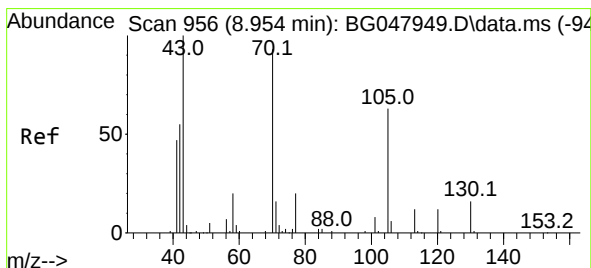
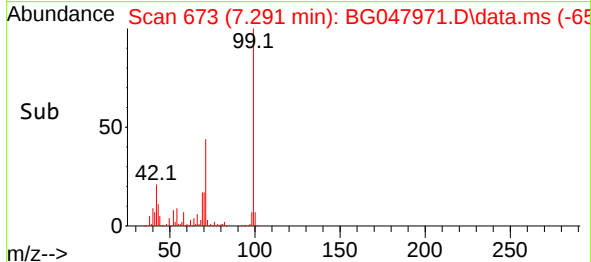
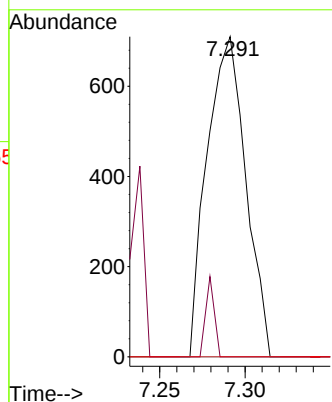
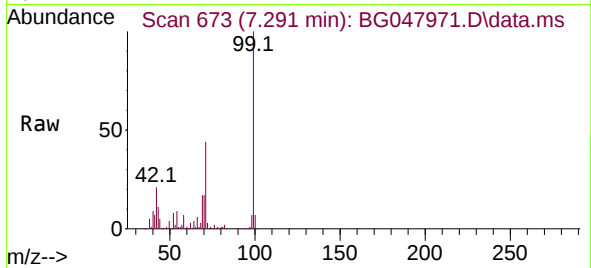




#9
Benzaldehyde
Concen: Below Cal
RT: 7.291 min Scan# 673
Delta R.T. 0.011 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

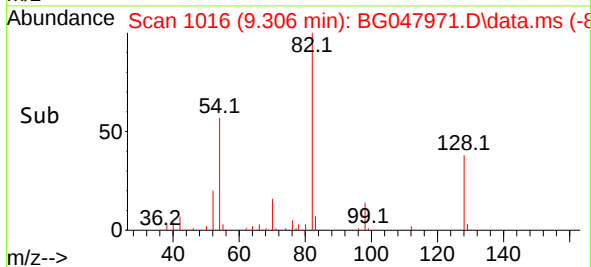
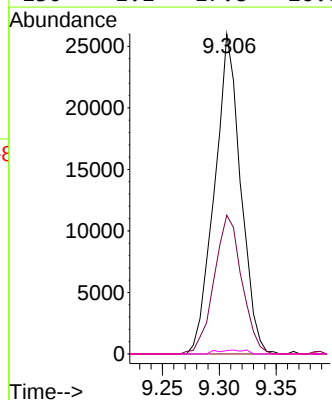
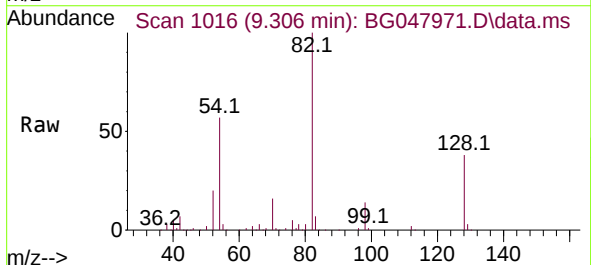
Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

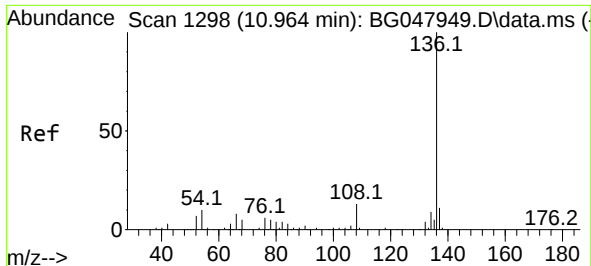
Tgt Ion: 77 Resp: 1122
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 11.35 ng
RT: 9.306 min Scan# 1016
Delta R.T. 0.352 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion: 70 Resp: 41484
Ion Ratio Lower Upper
70 100
42 43.3 45.6 68.4#
101 0.0 8.4 12.6#
130 1.1 17.8 26.8#

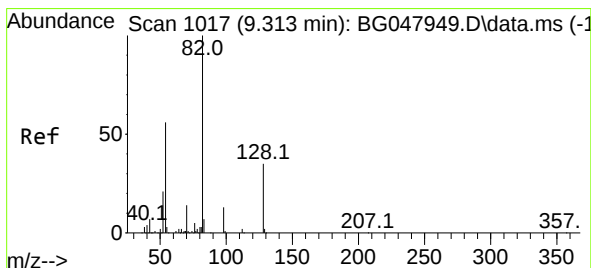
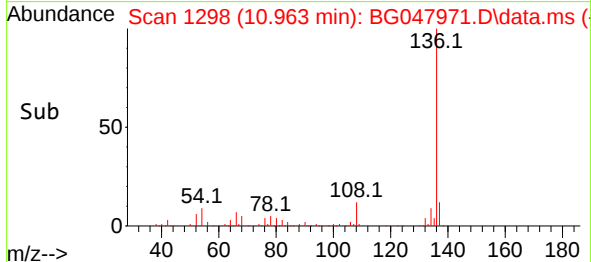
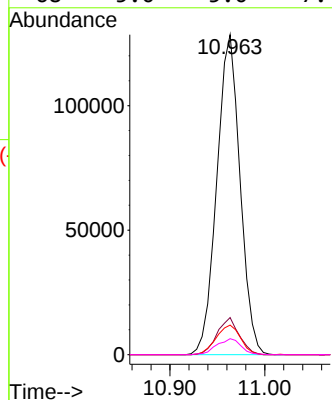
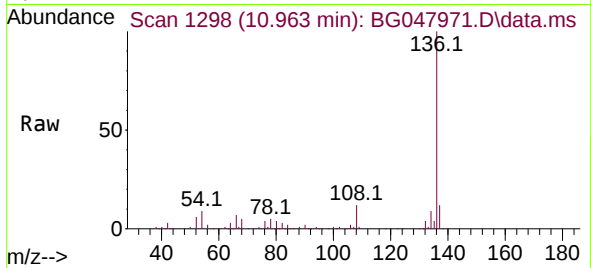




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.963 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

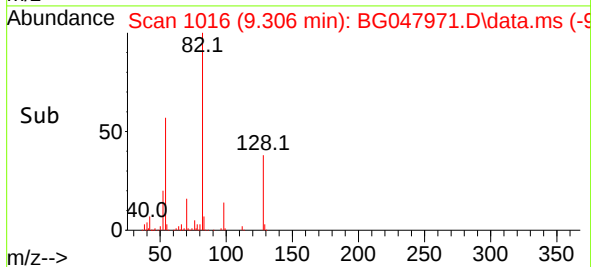
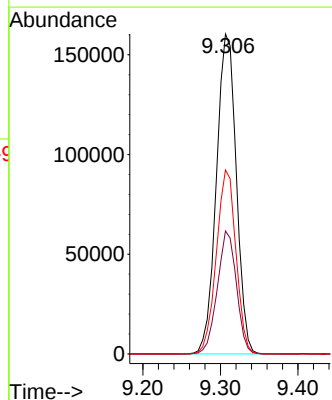
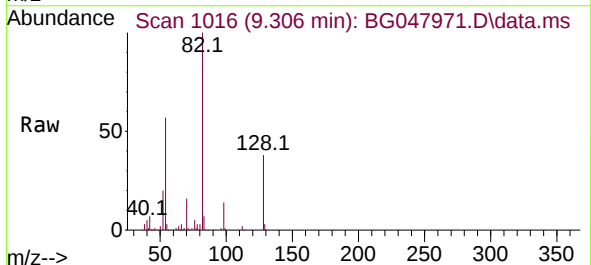
Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

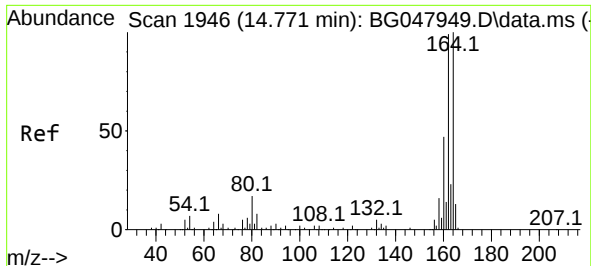
Tgt Ion:	136	Resp:	219021
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	9.3	6.2	9.4
68	5.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 57.44 ng
RT: 9.306 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

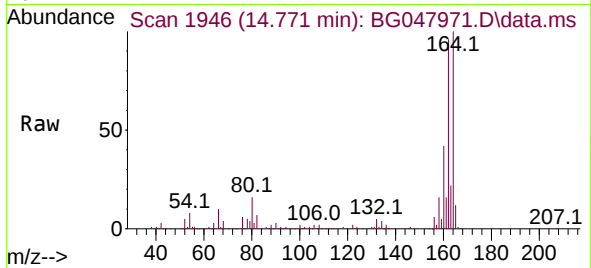
Tgt Ion:	82	Resp:	286098
Ion Ratio	Lower	Upper	
82	100		
128	38.5	37.0	55.6
54	57.5	39.0	58.4



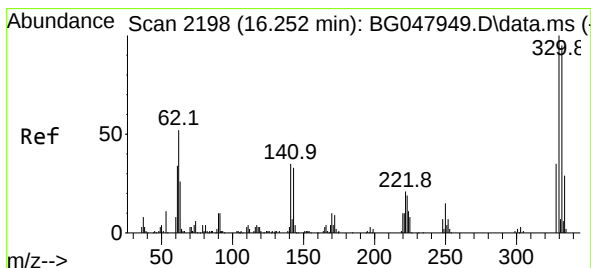
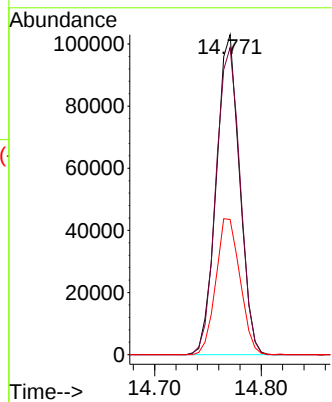
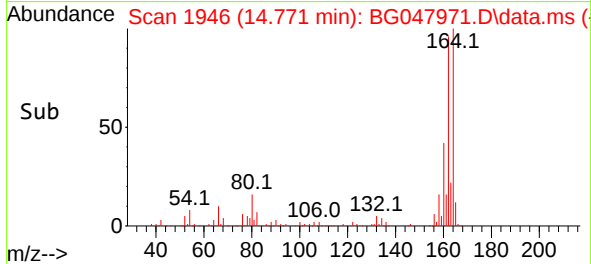


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

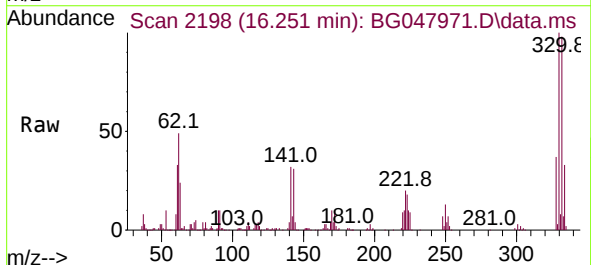
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ClientSampleId :
FK-EF-01-017-ABCD



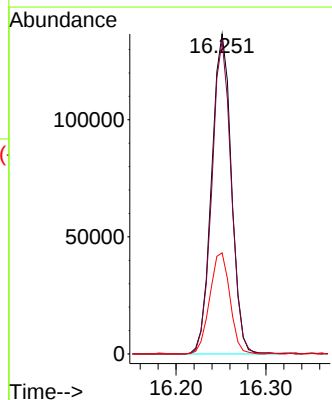
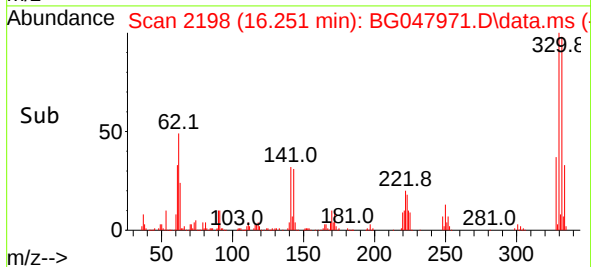
Tgt Ion:164 Resp: 156067
Ion Ratio Lower Upper
164 100
162 96.0 82.3 123.5
160 42.2 35.3 52.9

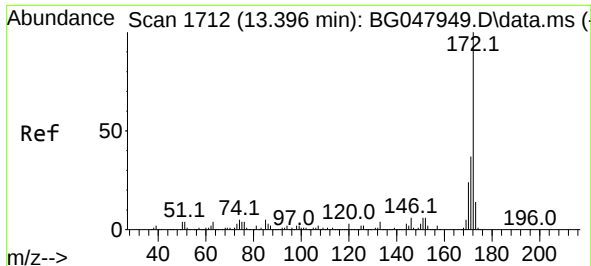


#42
2,4,6-Tribromophenol
Concen: 83.77 ng
RT: 16.251 min Scan# 2198
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48



Tgt Ion:330 Resp: 209213
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 32.2 26.0 39.0

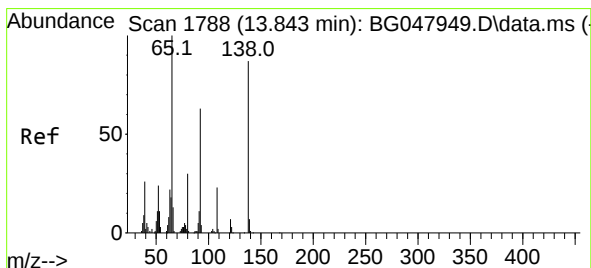
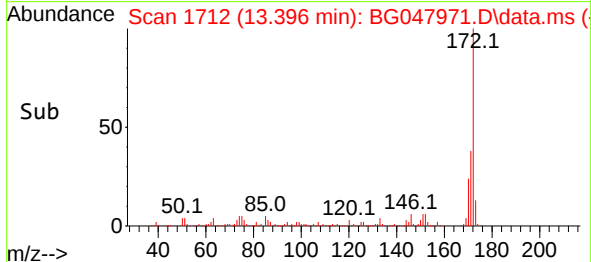
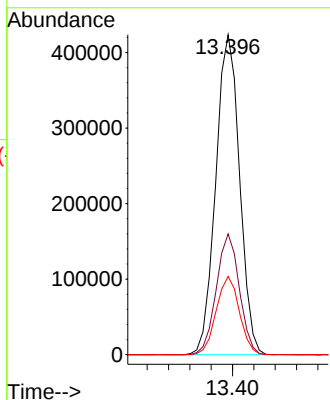
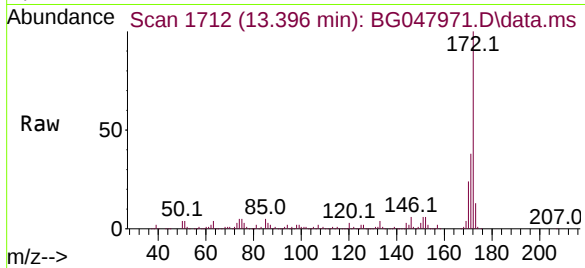




#45
2-Fluorobiphenyl
Concen: 56.14 ng
RT: 13.396 min Scan# 1712
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

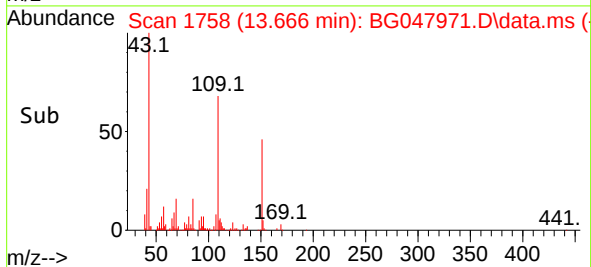
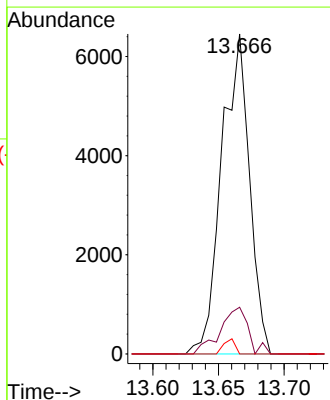
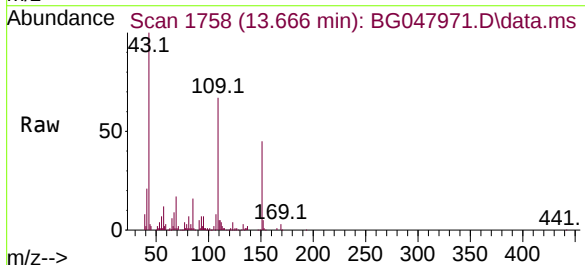
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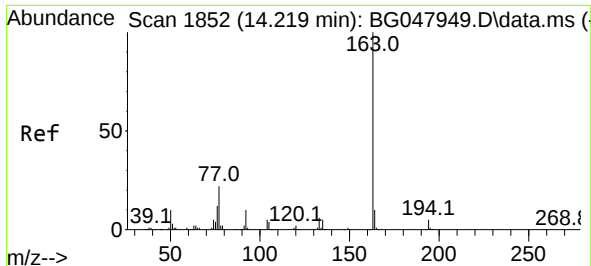
Tgt Ion:172 Resp: 656076
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 24.4 20.8 31.2



#48
2-Nitroaniline
Concen: 2.82 ng
RT: 13.666 min Scan# 1758
Delta R.T. -0.177 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion: 65 Resp: 9498
Ion Ratio Lower Upper
65 100
92 14.6 58.6 88.0#
138 0.0 98.2 147.4#

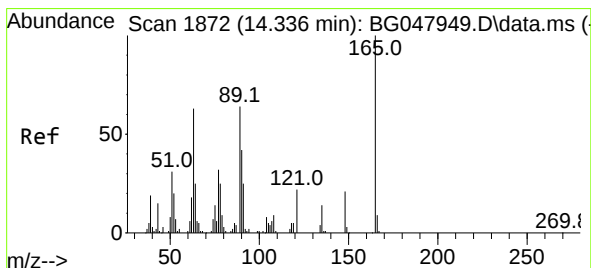
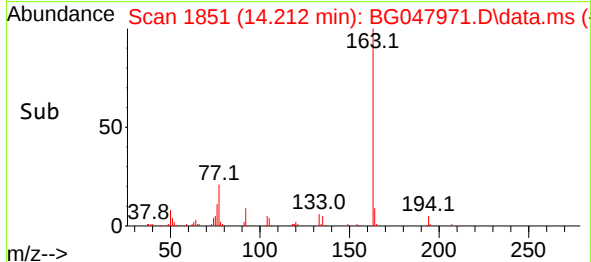
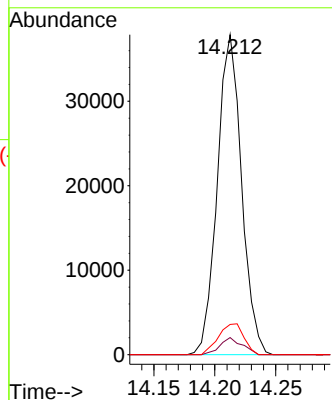
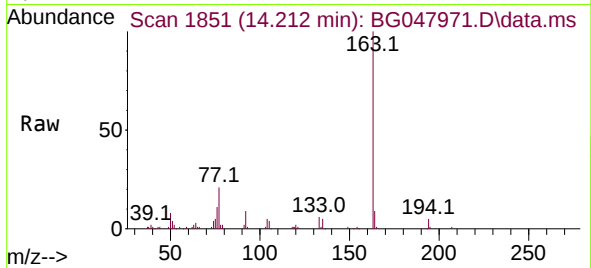




#50
Dimethylphthalate
Concen: 3.88 ng
RT: 14.212 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

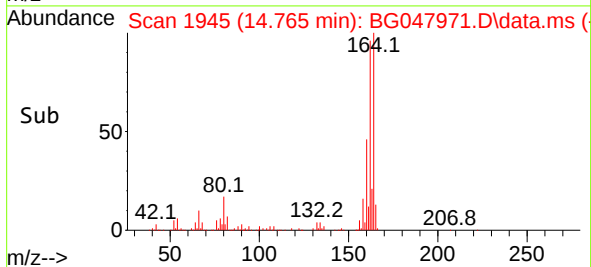
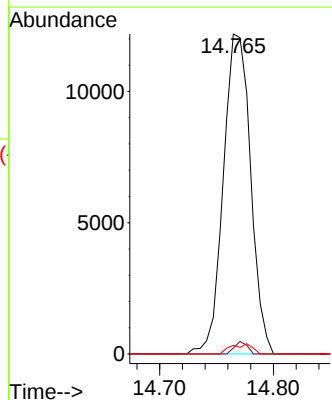
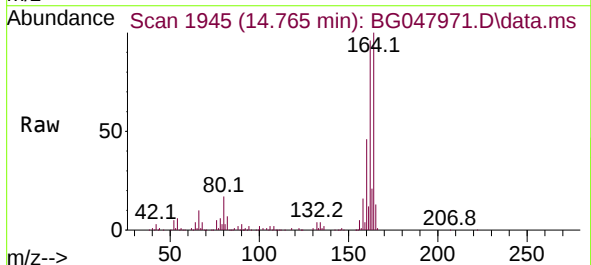
Instrument :
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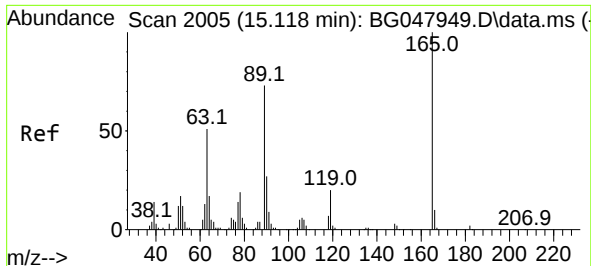
Tgt Ion:163 Resp: 52575
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.8
164 9.5 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 14.765 min Scan# 1945
Delta R.T. 0.428 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

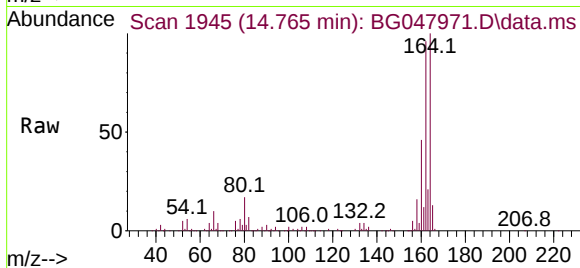
Tgt Ion:165 Resp: 20283
Ion Ratio Lower Upper
165 100
63 1.9 33.7 50.5#
89 2.7 36.6 54.8#



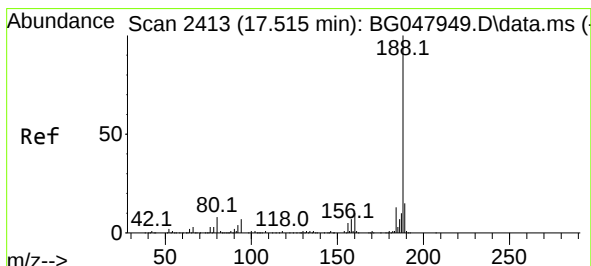
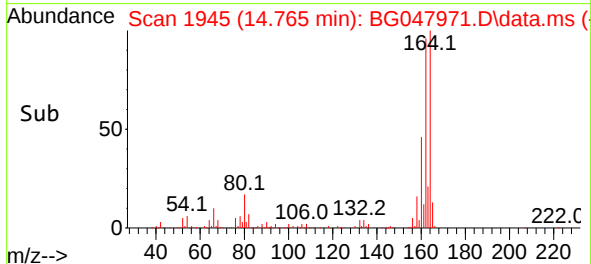
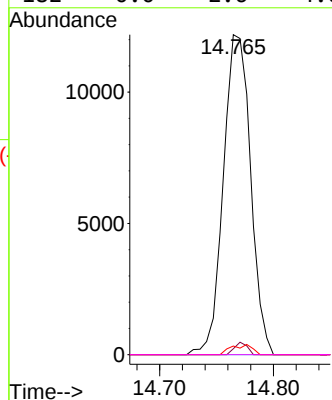


#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 14.765 min Scan# 1945
Delta R.T. -0.353 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

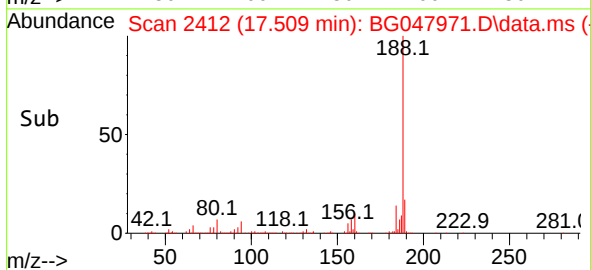
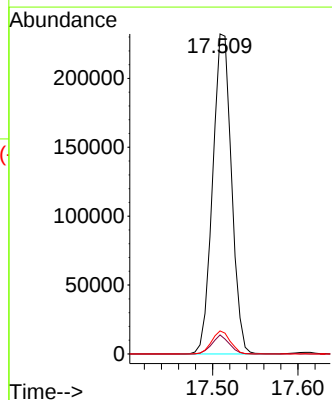
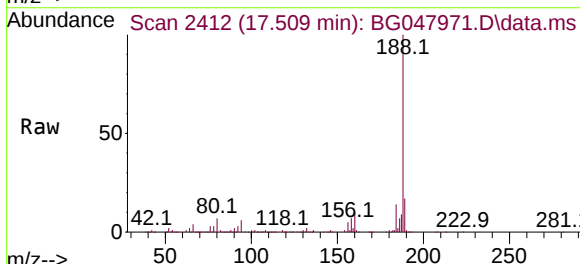


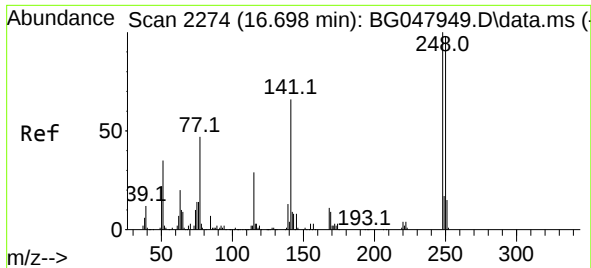
Tgt Ion:165 Resp: 20283
Ion Ratio Lower Upper
165 100
63 1.9 26.4 39.6#
89 2.7 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:188 Resp: 356030
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.2 7.0 10.6

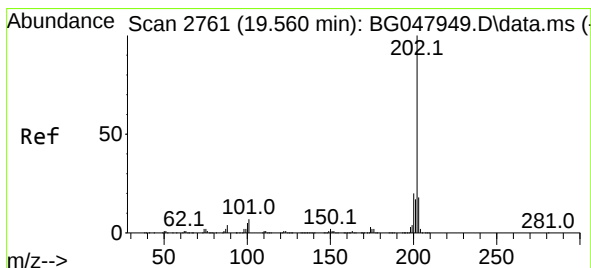
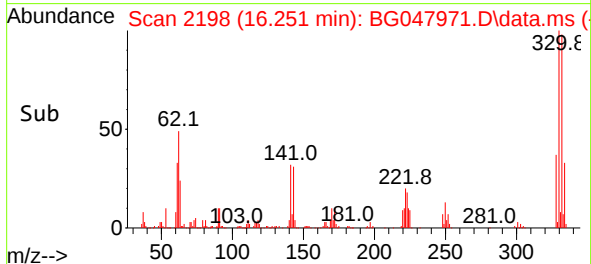
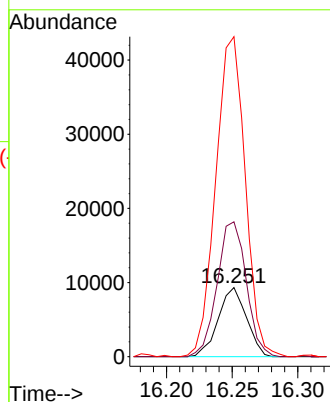
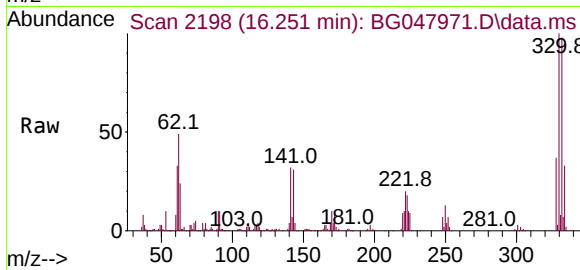




#67
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 16.251 min Scan# 2198
Delta R.T. -0.447 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

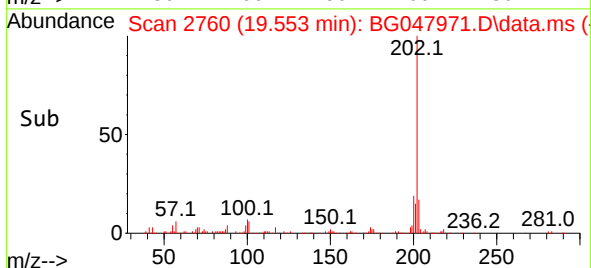
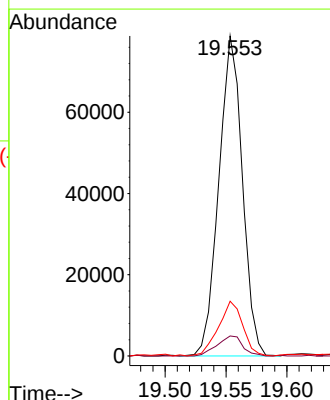
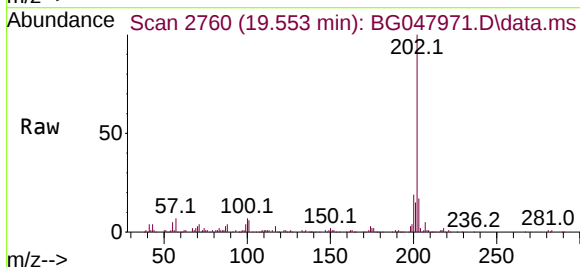
Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

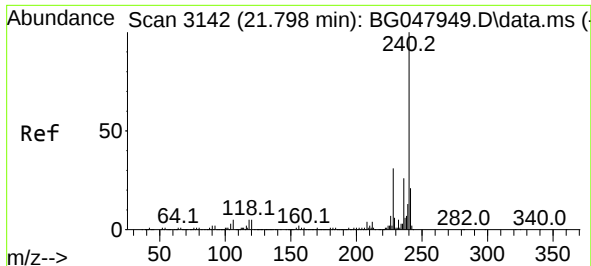
Tgt Ion:248 Resp: 13944
Ion Ratio Lower Upper
248 100
250 195.3 78.9 118.3#
141 463.2 46.2 69.4#



#75
Fluoranthene
Concen: 4.14 ng
RT: 19.553 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:202 Resp: 106002
Ion Ratio Lower Upper
202 100
101 6.3 0.0 29.7
203 17.1 0.0 39.2

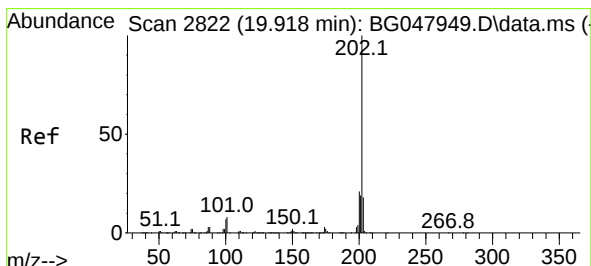
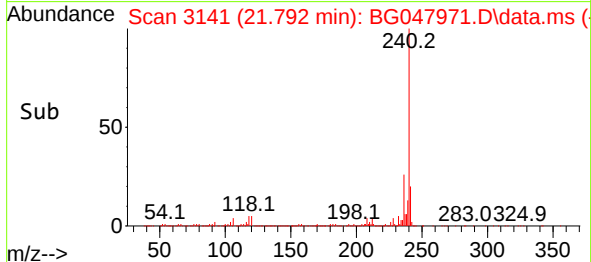
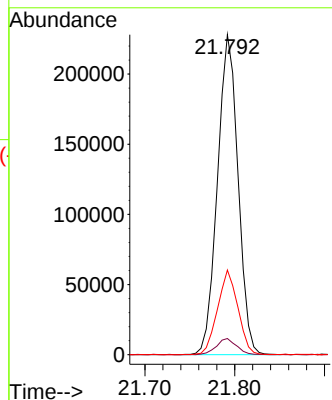
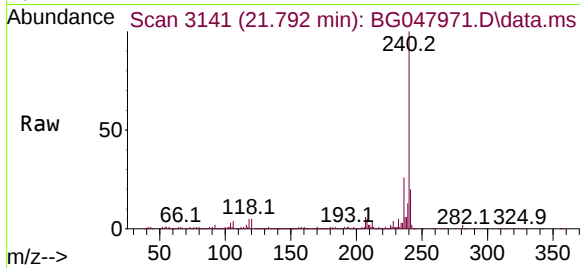




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

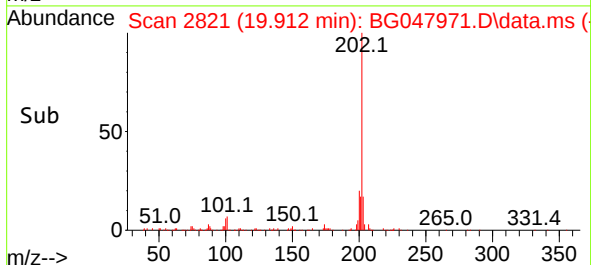
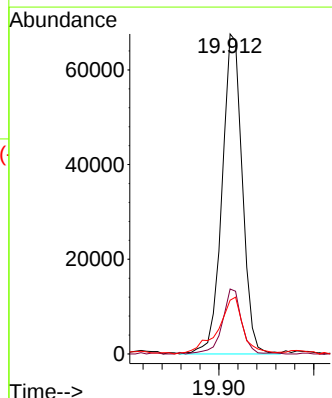
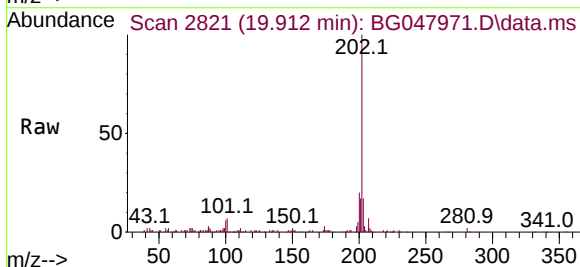
Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

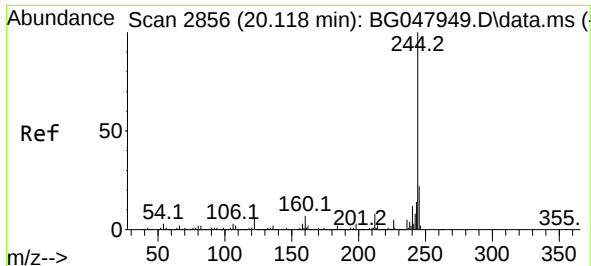
Tgt Ion:240 Resp: 362864
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.5 20.5 30.7



#78
Pyrene
Concen: 4.09 ng
RT: 19.912 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:202 Resp: 100336
Ion Ratio Lower Upper
202 100
200 20.3 18.6 27.8
203 16.8 15.3 22.9

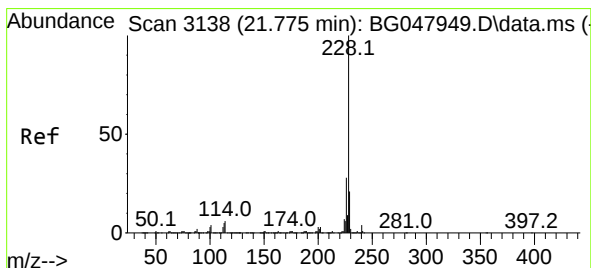
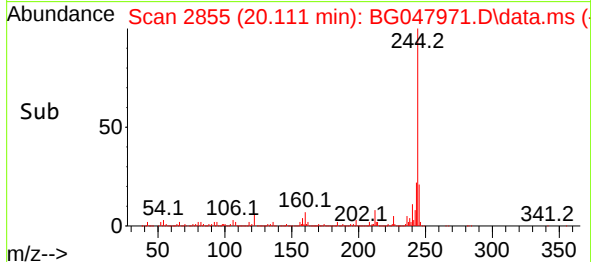
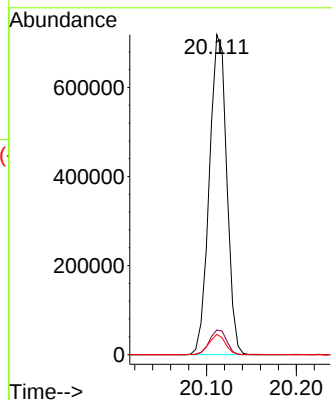
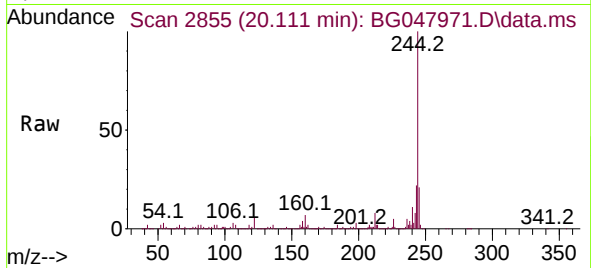




#79
 Terphenyl-d14
 Concen: 49.32 ng
 RT: 20.111 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BG047971.D
 Acq: 22 Jan 2021 2:48

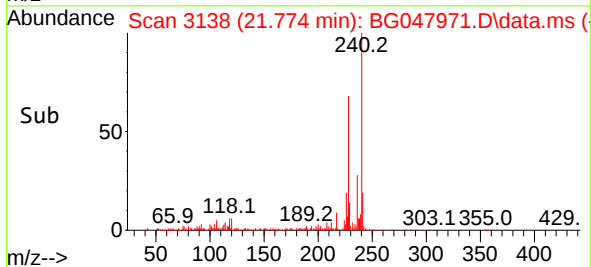
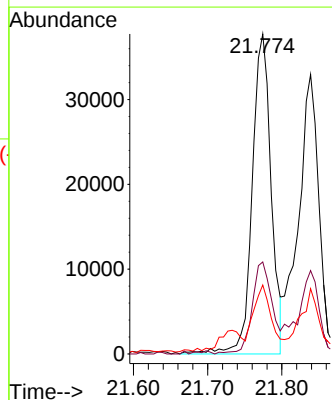
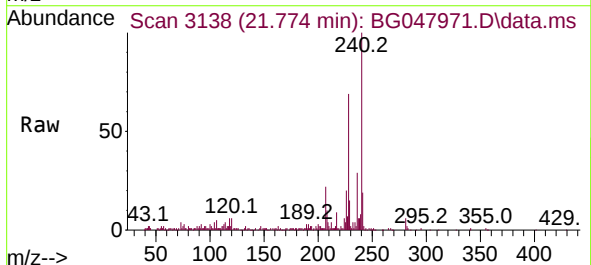
Instrument :
 BNA_G
 ClientSampleId :
 FK-EF-01-017-ABCD

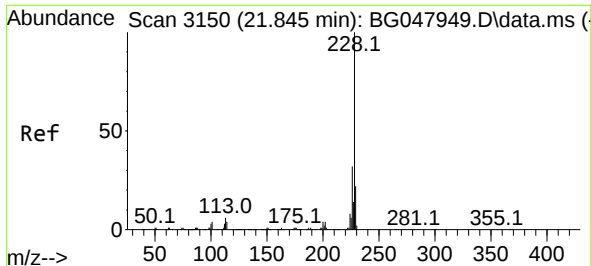
Tgt Ion:244 Resp: 967983
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 6.4 7.8 11.6#



#81
 Benzo(a)anthracene
 Concen: 2.67 ng
 RT: 21.774 min Scan# 3138
 Delta R.T. -0.001 min
 Lab File: BG047971.D
 Acq: 22 Jan 2021 2:48

Tgt Ion:228 Resp: 66985
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.3 34.9
 229 21.5 17.4 26.0

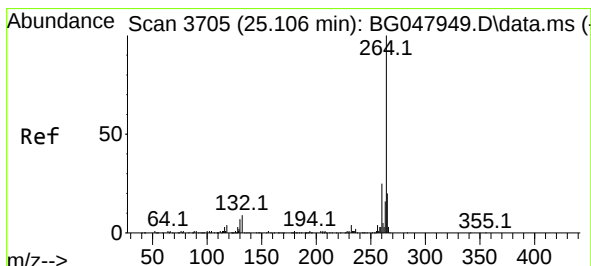
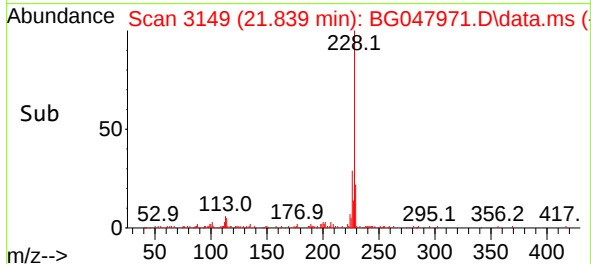
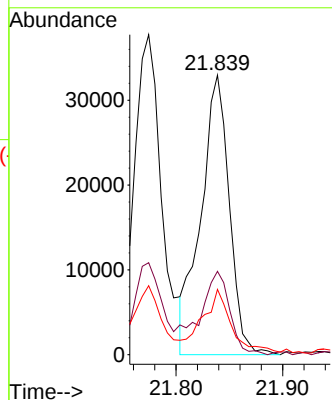
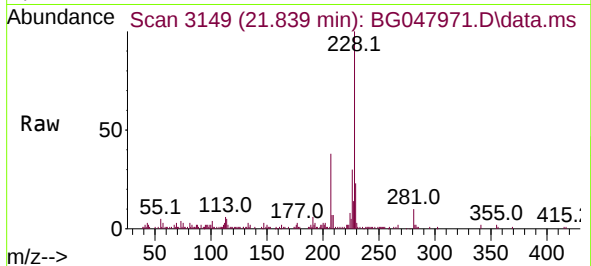




#83
Chrysene
Concen: 2.56 ng
RT: 21.839 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

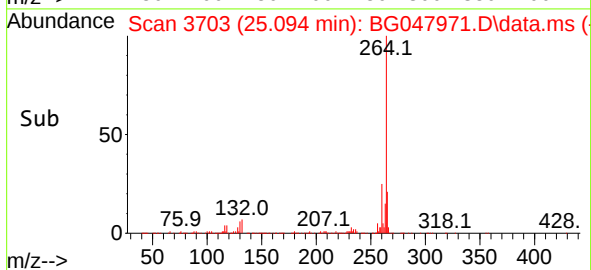
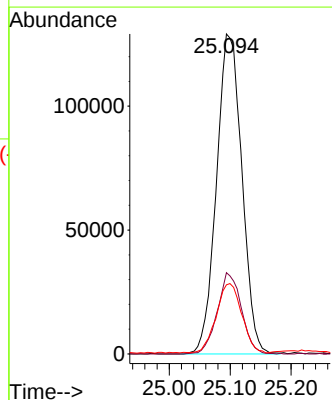
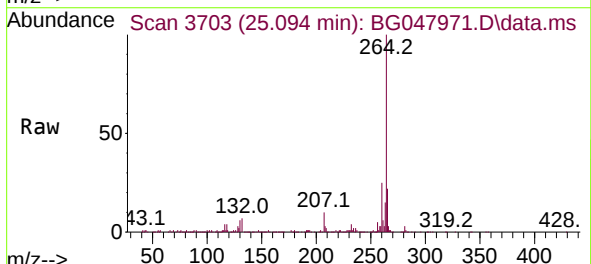
Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

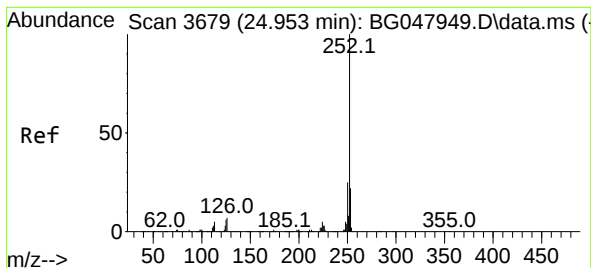
Tgt Ion:228	Resp: 61364
Ion Ratio	Lower Upper
228 100	
226 29.8	25.0 37.4
229 23.4	17.3 25.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.094 min Scan# 3703
Delta R.T. -0.012 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:264	Resp: 374132
Ion Ratio	Lower Upper
264 100	
260 25.4	18.8 28.2
265 21.6	17.8 26.8

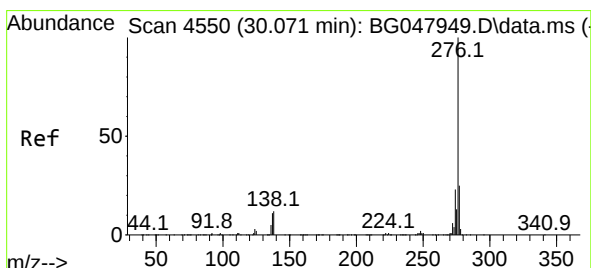
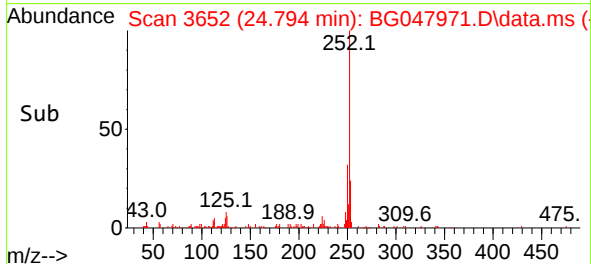
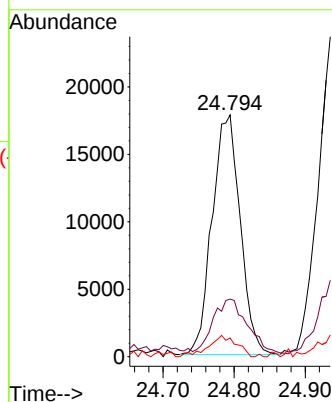
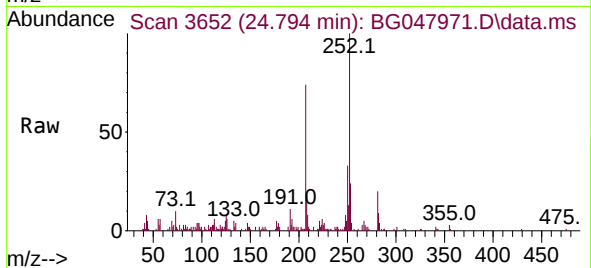




#90
Benzo(a)pyrene
Concen: 2.08 ng
RT: 24.794 min Scan# 3652
Delta R.T. -0.159 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

Tgt Ion:252 Resp: 48831
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 7.8 7.0 10.4



#92
Benzo(g,h,i)perylene
Concen: 2.33 ng
RT: 30.035 min Scan# 4544
Delta R.T. -0.036 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:276 Resp: 53092
Ion Ratio Lower Upper
276 100
277 24.7 19.6 29.4
138 13.7 13.4 20.2

