

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047962.D
 Acq On : 21 Jan 2021 20:43
 Operator : CG/JU
 Sample : M1191-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0041-043-COMP-C

Quant Time: Jan 21 23:41:41 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)

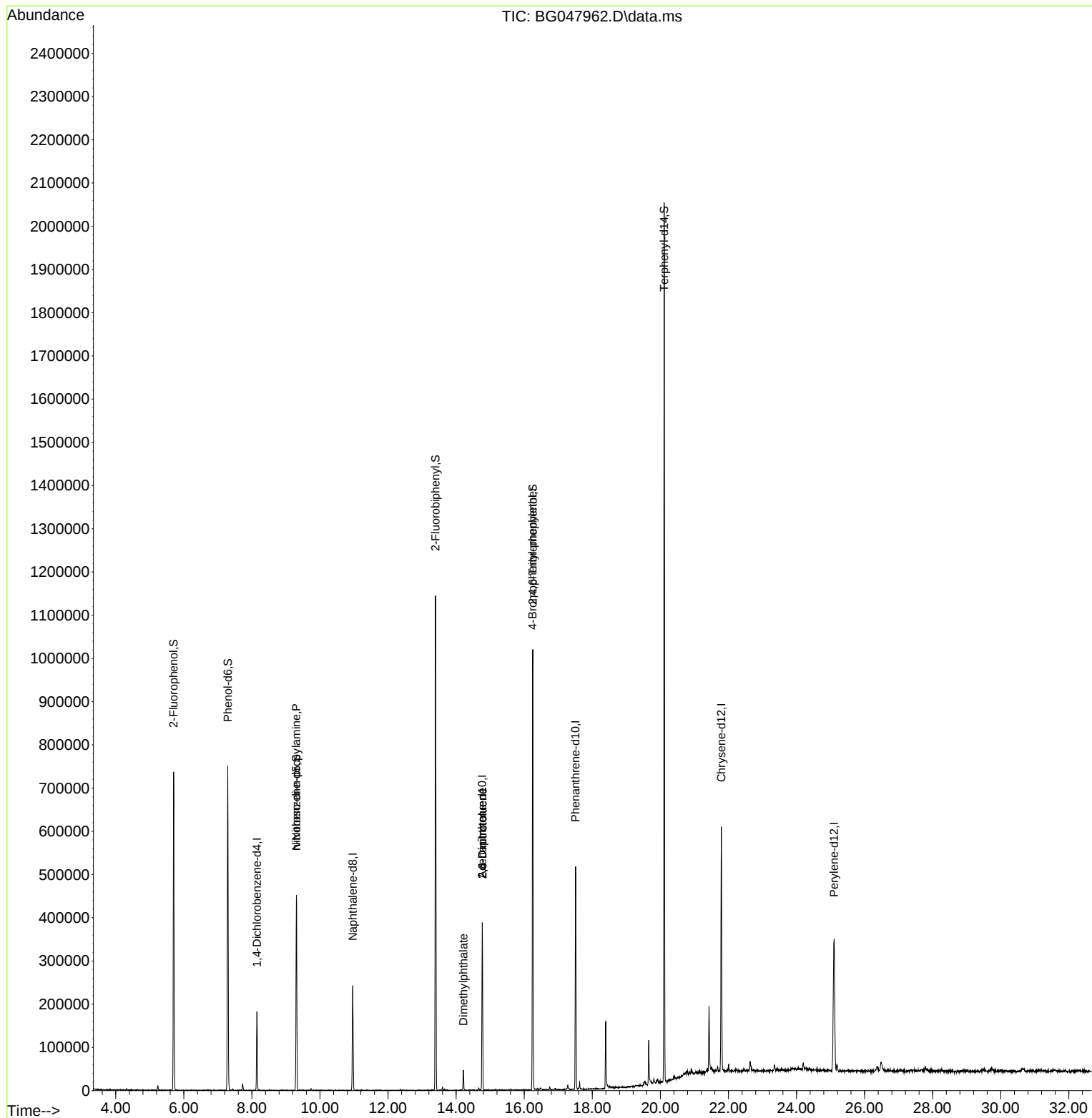
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	48017	20.00	ng	0.00
21) Naphthalene-d8	10.963	136	195279	20.00	ng	0.00
39) Acenaphthene-d10	14.765	164	141616	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	337547	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	355075	20.00	ng	# 0.00
86) Perylene-d12	25.100	264	357070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	280087	95.13	ng	0.00
7) Phenol-d6	7.291	99	385039	86.64	ng	0.00
23) Nitrobenzene-d5	9.307	82	260352	58.63	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	199270	87.93	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	577319	54.44	ng	0.00
79) Terphenyl-d14	20.111	244	918326	47.82	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.443	88	55	Below Cal	#	1
9) Benzaldehyde	7.291	77	1179	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.307	70	37948	12.06	ng	# 77
50) Dimethylphthalate	14.213	163	28044	2.28	ng	# 97
51) 2,6-Dinitrotoluene	14.771	165	18461	7.79	ng	# 35
57) 2,4-Dinitrotoluene	14.771	165	18461	5.55	ng	# 33
67) 4-Bromophenyl-phenylether	16.245	248	13507	3.02	ng	# 1

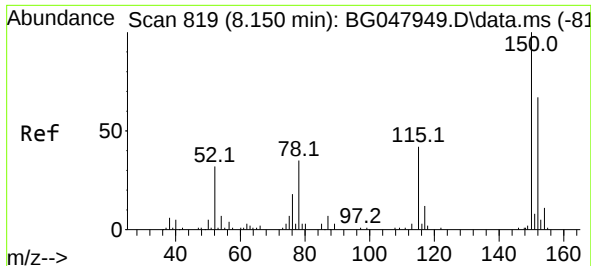
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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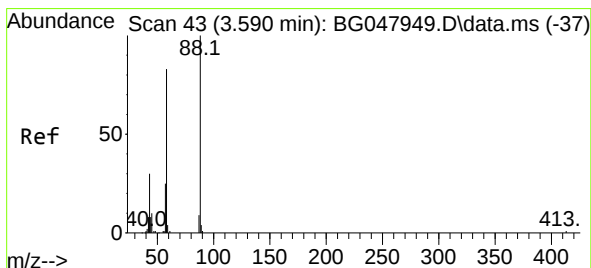
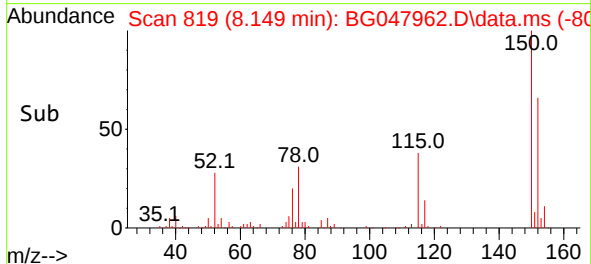
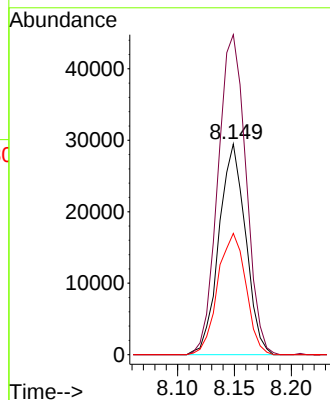
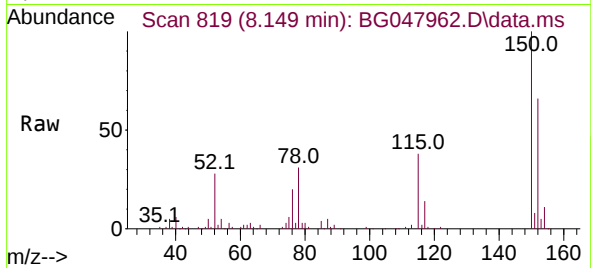




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.149 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

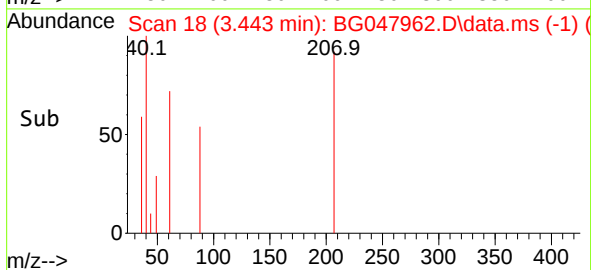
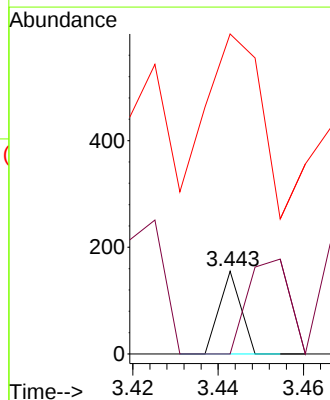
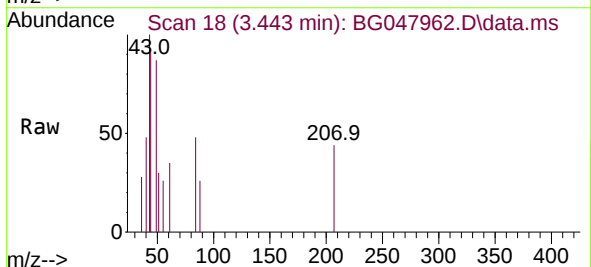
Instrument :
BNA_G
ClientSampleId :
0041-043-COMP-C

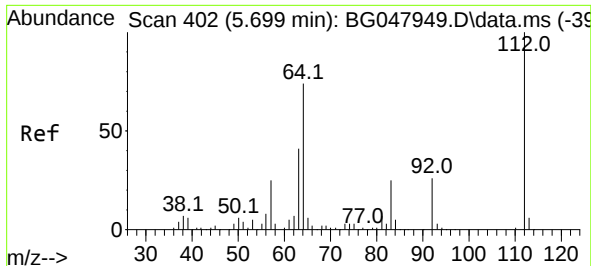
Tgt Ion:152 Resp: 48017
Ion Ratio Lower Upper
152 100
150 151.9 125.0 187.6
115 57.6 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.443 min Scan# 18
Delta R.T. -0.147 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
58 218.2 61.6 92.4#
43 452.7 21.3 31.9#

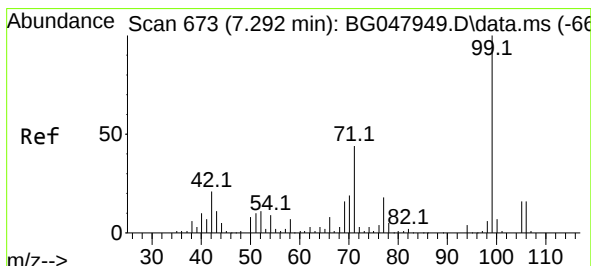
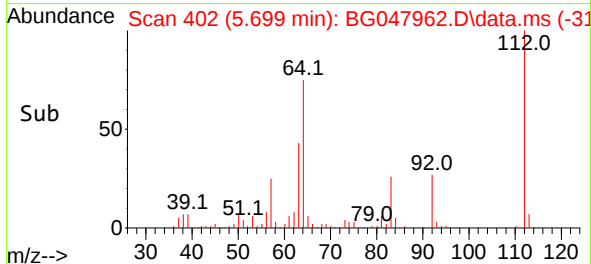
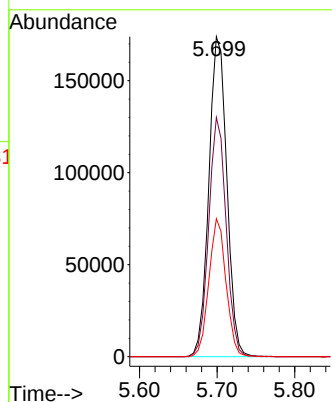
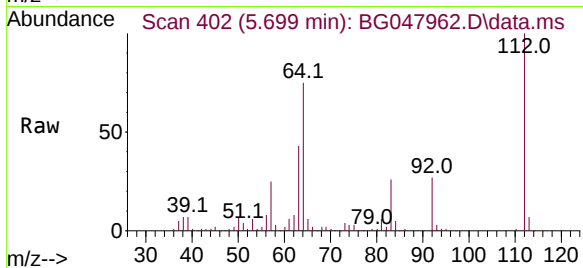




#5
2-Fluorophenol
Concen: 95.13 ng
RT: 5.699 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

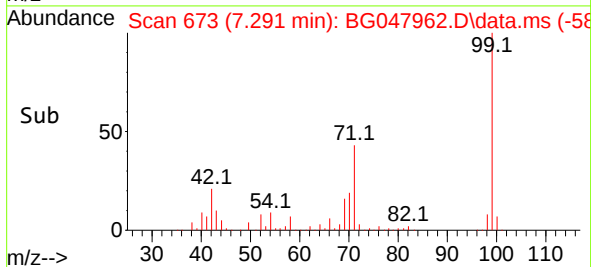
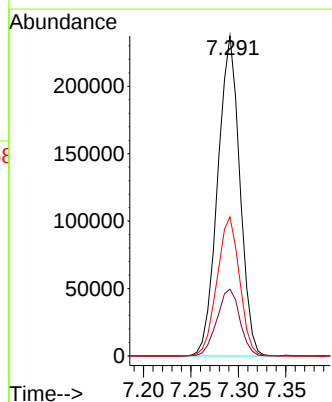
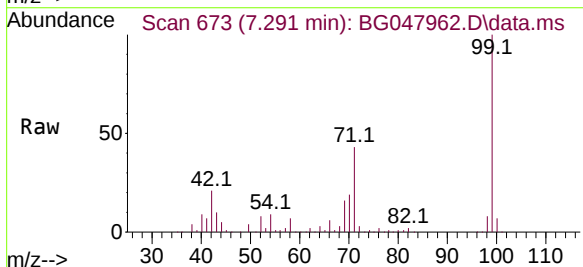
Instrument :
BNA_G
ClientSampleId :
0041-043-COMP-C

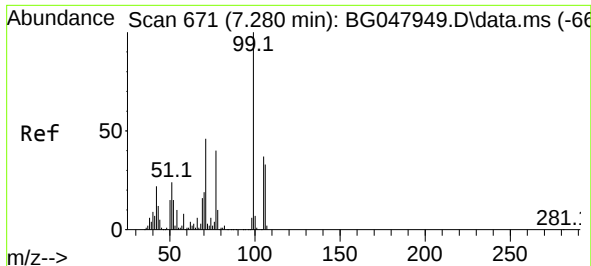
Tgt Ion:112 Resp: 280087
Ion Ratio Lower Upper
112 100
64 74.8 46.7 70.1#
63 43.1 22.8 34.2#



#7
Phenol-d6
Concen: 86.64 ng
RT: 7.291 min Scan# 673
Delta R.T. -0.000 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion: 99 Resp: 385039
Ion Ratio Lower Upper
99 100
42 20.8 12.8 19.2#
71 43.4 24.6 36.8#

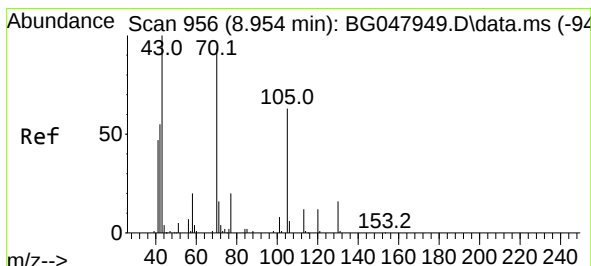
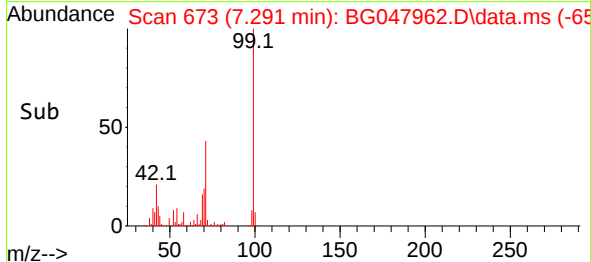
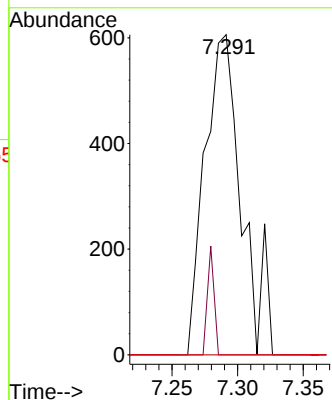
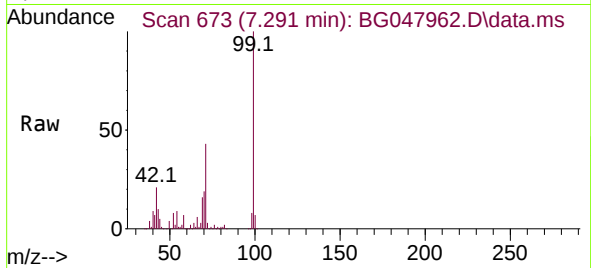




#9
Benzaldehyde
Concen: Below Cal
RT: 7.291 min Scan# 673
Delta R.T. 0.011 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

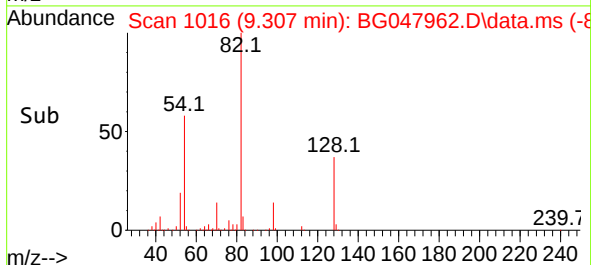
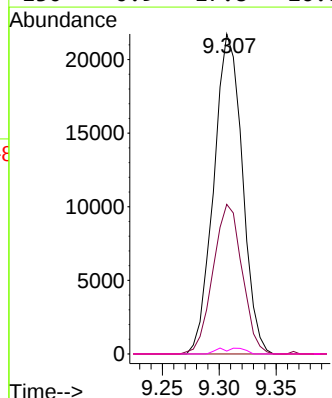
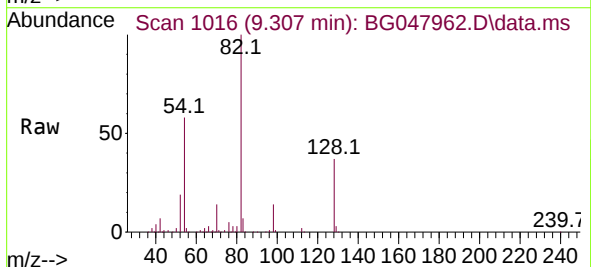
Instrument :
BNA_G
ClientSampleId :
0041-043-COMP-C

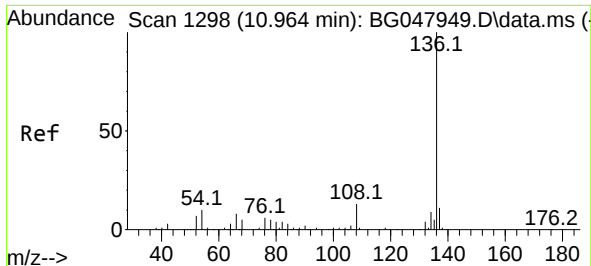
Tgt Ion: 77 Resp: 1179
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 12.06 ng
RT: 9.307 min Scan# 1016
Delta R.T. 0.352 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion: 70 Resp: 37948
Ion Ratio Lower Upper
70 100
42 46.8 45.6 68.4
101 0.0 8.4 12.6#
130 0.9 17.8 26.8#

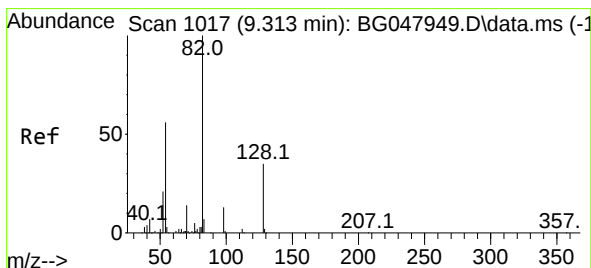
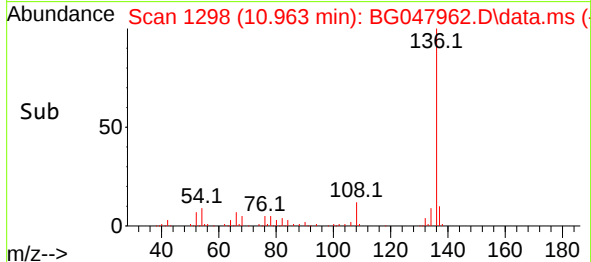
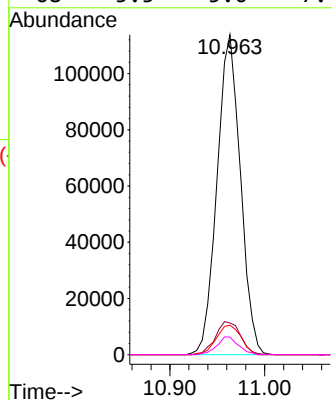
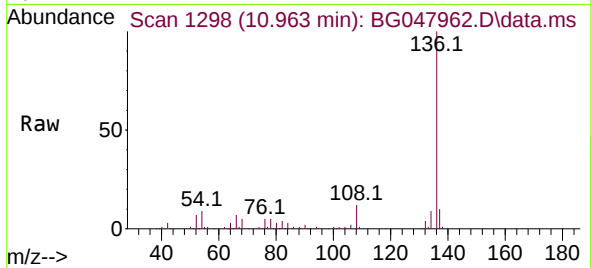




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.963 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

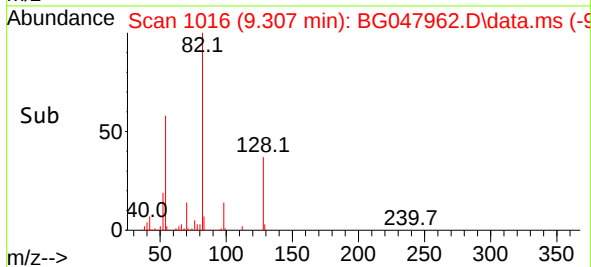
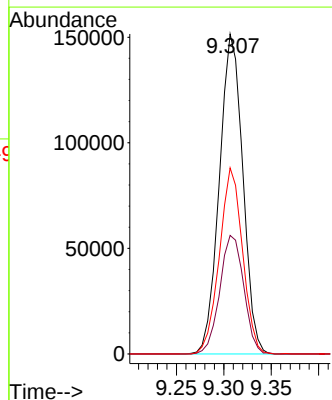
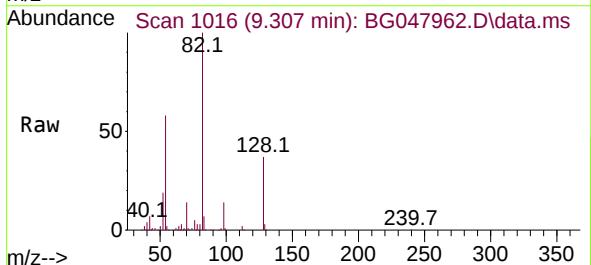
Instrument :
BNA_G
ClientSampleId :
0041-043-COMP-C

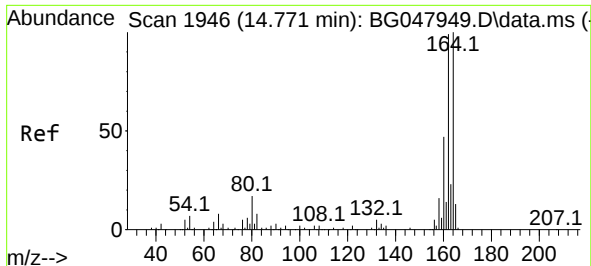
Tgt Ion:	136	Resp:	195279
Ion Ratio	Lower	Upper	
136	100		
137	9.9	9.1	13.7
54	9.2	6.2	9.4
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 58.63 ng
RT: 9.307 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion:	82	Resp:	260352
Ion Ratio	Lower	Upper	
82	100		
128	37.1	37.0	55.6
54	58.2	39.0	58.4

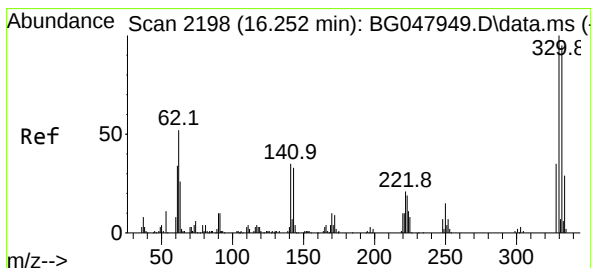
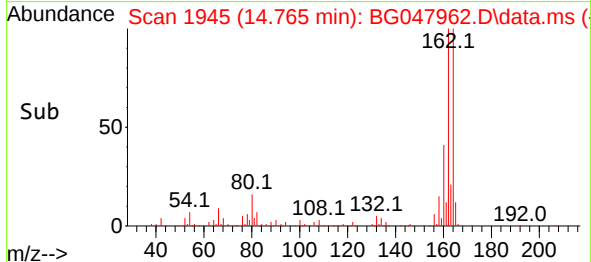
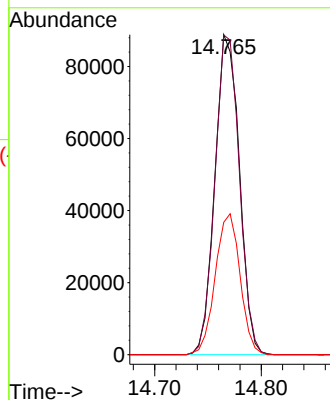
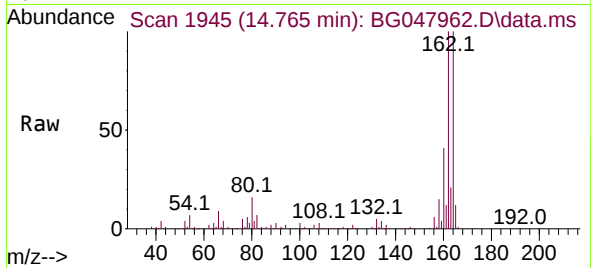




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

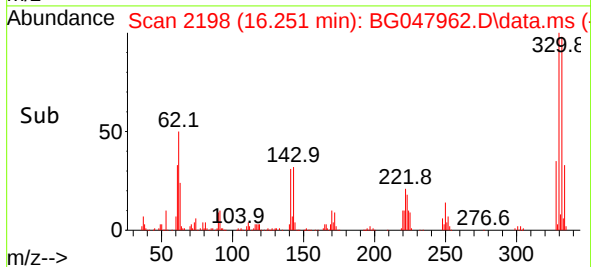
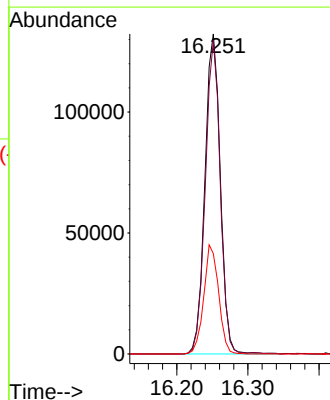
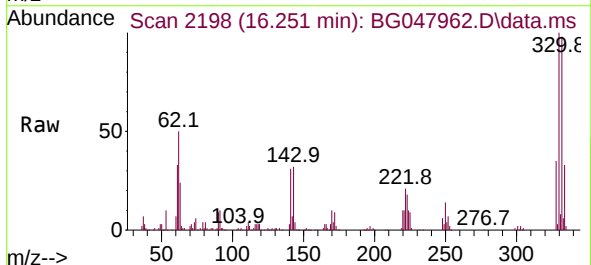
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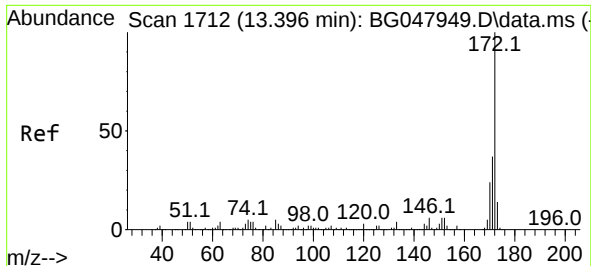
Tgt Ion:164	Resp:	141616
Ion Ratio	Lower	Upper
164	100	
162	99.9	82.3 123.5
160	41.3	35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 87.93 ng
RT: 16.251 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion:330	Resp:	199270
Ion Ratio	Lower	Upper
330	100	
332	94.9	76.5 114.7
141	32.9	26.0 39.0

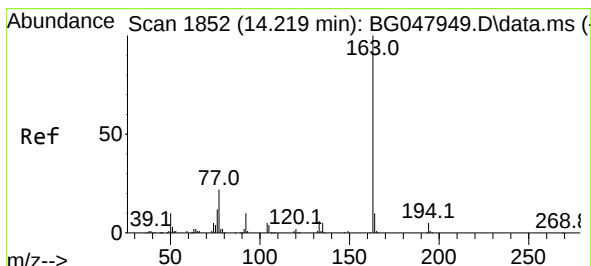
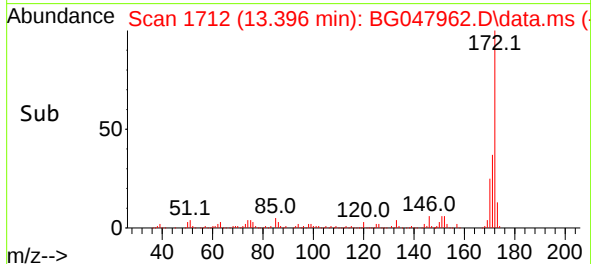
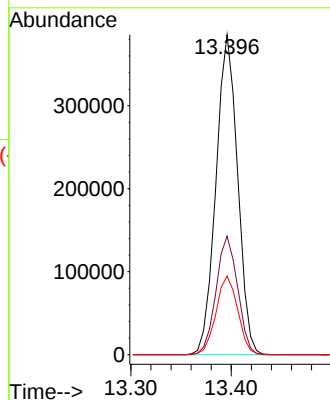
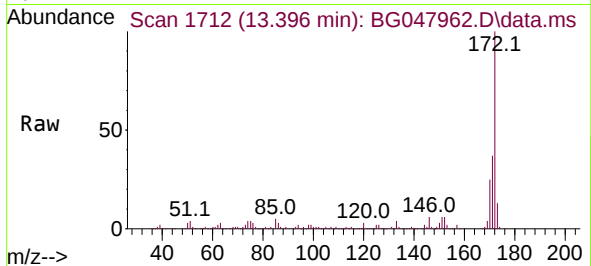




#45
2-Fluorobiphenyl
Concen: 54.44 ng
RT: 13.396 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

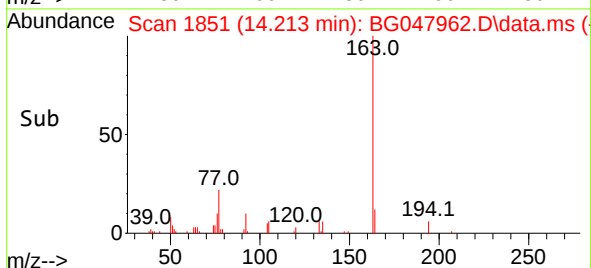
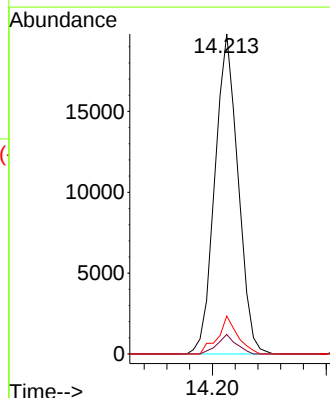
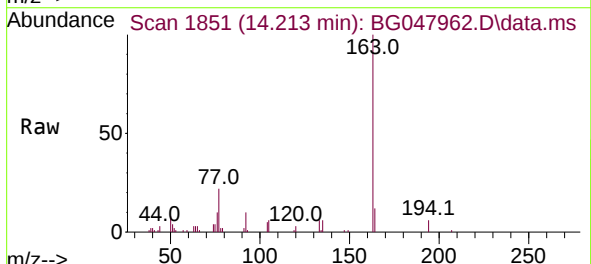
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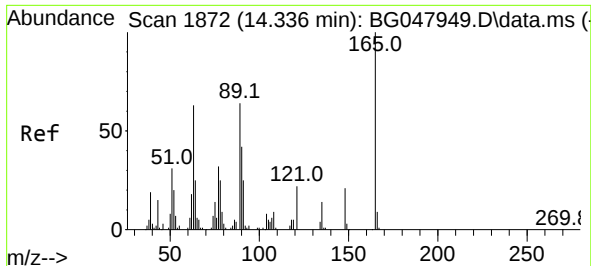
Tgt Ion:172 Resp: 577319
Ion Ratio Lower Upper
172 100
171 37.0 31.3 46.9
170 24.5 20.8 31.2



#50
Dimethylphthalate
Concen: 2.28 ng
RT: 14.213 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion:163 Resp: 28044
Ion Ratio Lower Upper
163 100
194 6.1 3.8 5.8#
164 11.8 8.8 13.2

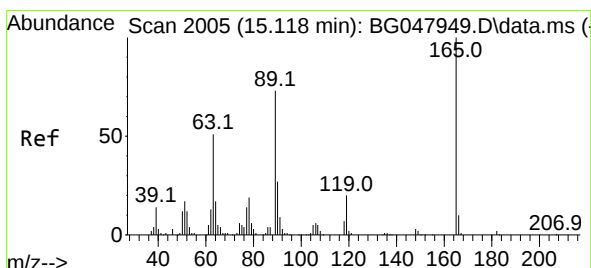
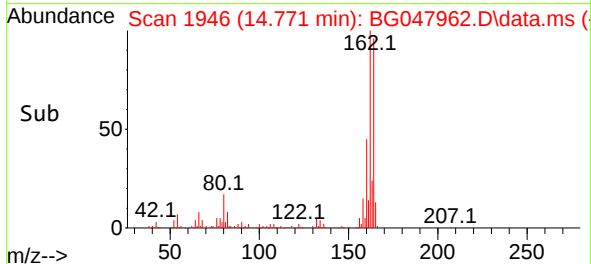
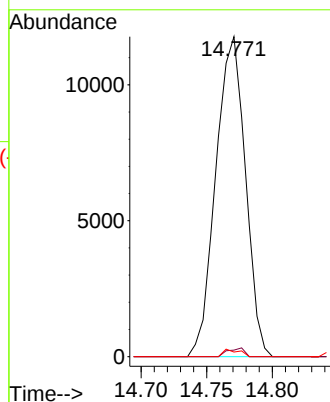
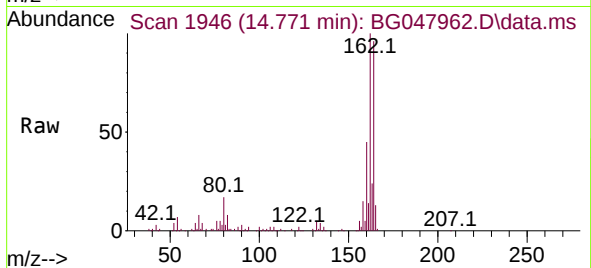




#51
2,6-Dinitrotoluene
Concen: 7.79 ng
RT: 14.771 min Scan# 1946
Delta R.T. 0.434 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

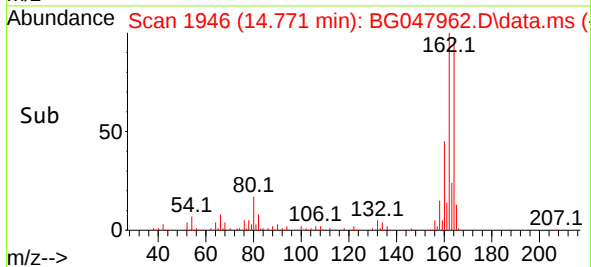
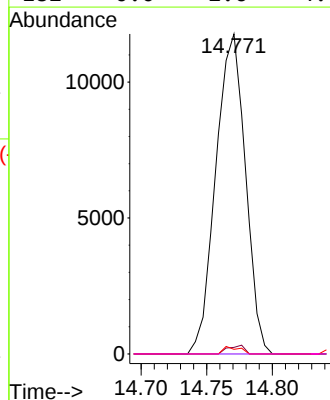
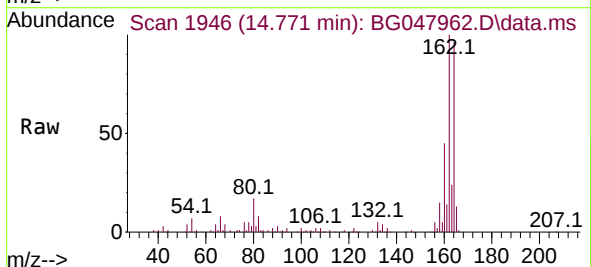
Instrument :
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0041-043-COMP-C

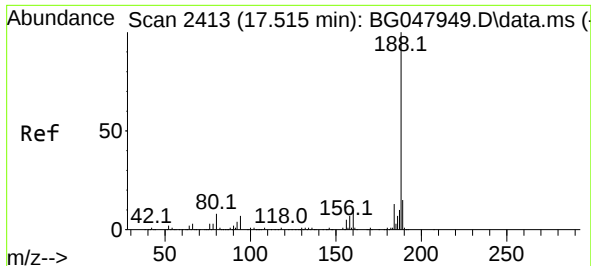
Tgt Ion:165 Resp: 18461
Ion Ratio Lower Upper
165 100
63 2.1 33.7 50.5#
89 1.5 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.347 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion:165 Resp: 18461
Ion Ratio Lower Upper
165 100
63 2.1 26.4 39.6#
89 1.5 47.8 71.8#
182 0.0 2.6 4.0#

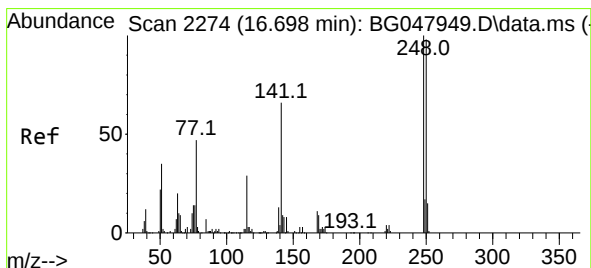
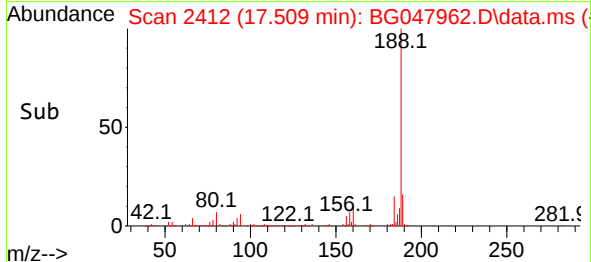
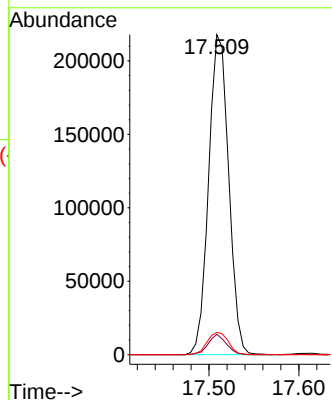
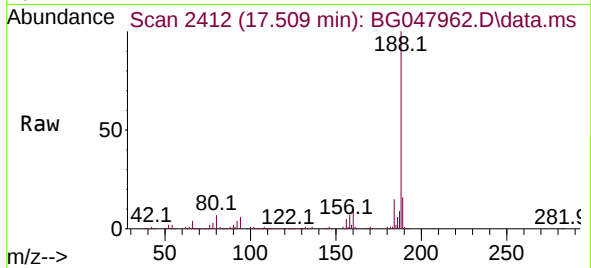




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

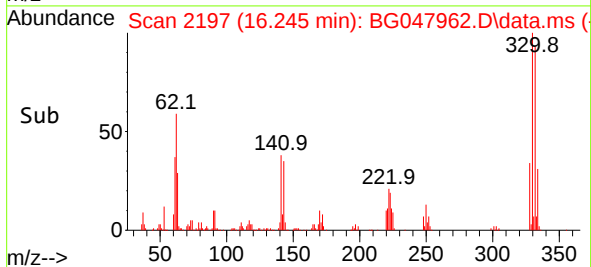
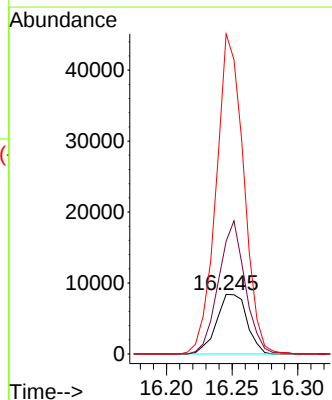
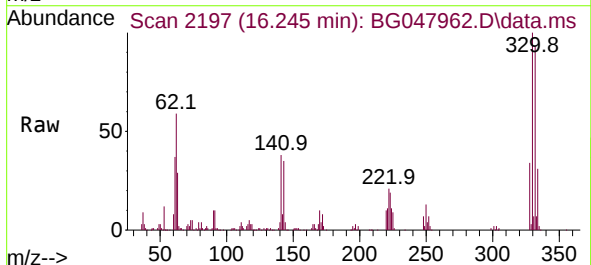
Instrument :
BNA_G
ClientSampleId :
0041-043-COMP-C

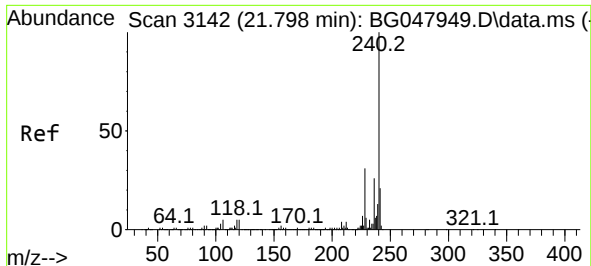
Tgt Ion:188 Resp: 337547
Ion Ratio Lower Upper
188 100
94 6.4 6.3 9.5
80 7.0 7.0 10.6#



#67
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 16.245 min Scan# 2197
Delta R.T. -0.453 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion:248 Resp: 13507
Ion Ratio Lower Upper
248 100
250 189.4 78.9 118.3#
141 538.2 46.2 69.4#

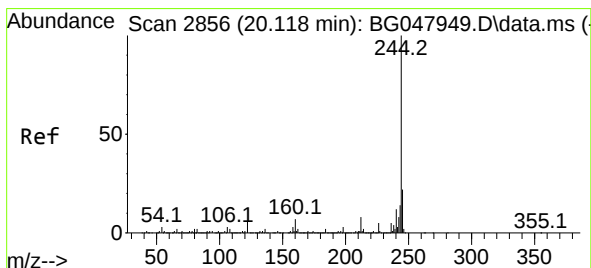
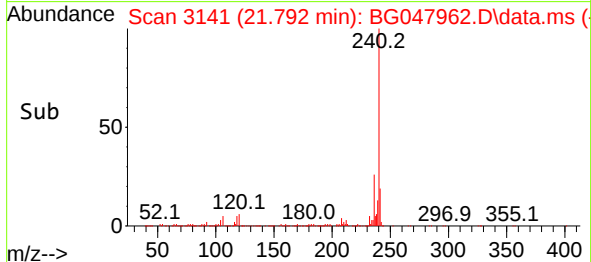
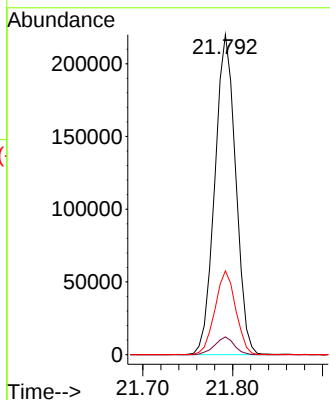
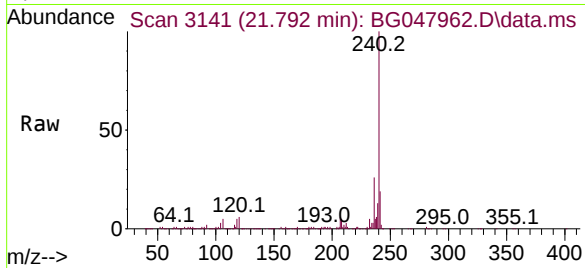




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

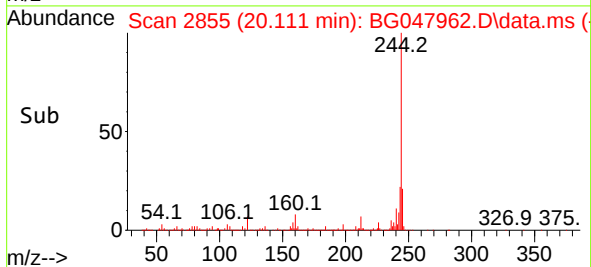
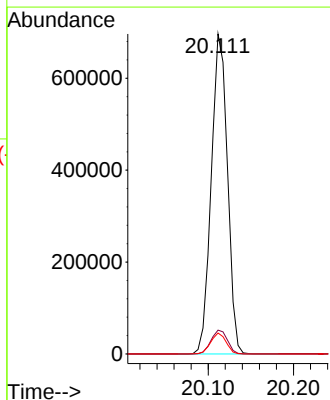
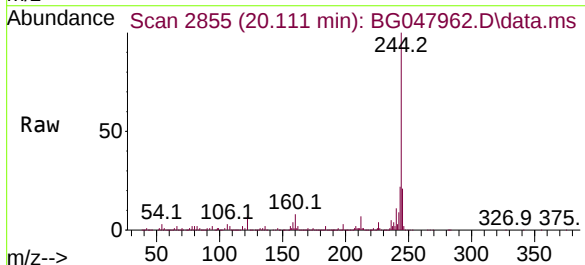
Instrument :
BNA_G
ClientSampleId :
0041-043-COMP-C

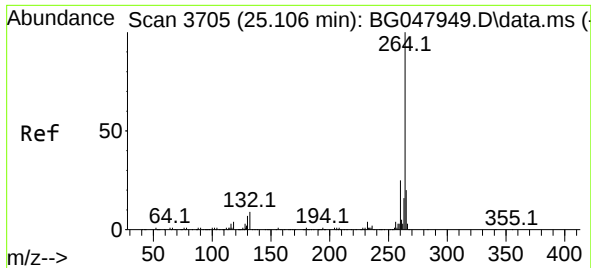
Tgt Ion:240 Resp: 355075
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 26.2 20.5 30.7



#79
Terphenyl-d14
Concen: 47.82 ng
RT: 20.111 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Tgt Ion:244 Resp: 918326
Ion Ratio Lower Upper
244 100
212 7.5 6.7 10.1
122 6.6 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.100 min Scan# 3704
Delta R.T. -0.006 min
Lab File: BG047962.D
Acq: 21 Jan 2021 20:43

Instrument :
BNA_G
ClientSampleId :
0041-043-COMP-C

Tgt Ion:264	Resp:	357070
Ion	Ratio	Lower Upper
264	100	
260	24.3	18.8 28.2
265	21.3	17.8 26.8

