

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054263.D
 Acq On : 12 Jul 2022 19:46
 Operator : CG/JU
 Sample : N3649-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A-3-LC

Quant Time: Jul 13 01:36:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

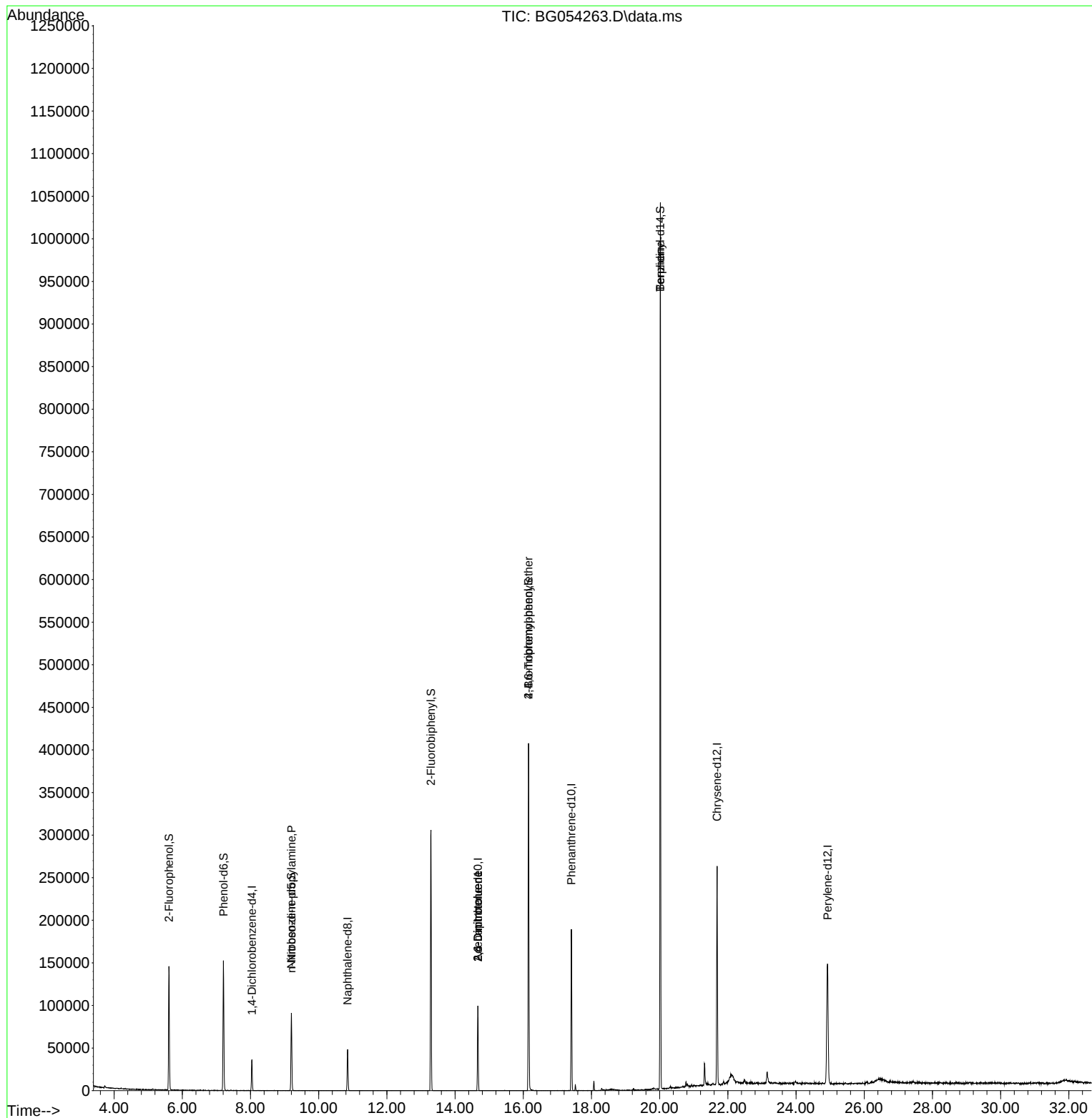
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	11960	20.000	ng	0.00
21) Naphthalene-d8	10.849	136	44619	20.000	ng	# 0.00
39) Acenaphthene-d10	14.668	164	39061	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	138176	20.000	ng	# 0.00
76) Chrysene-d12	21.683	240	178438	20.000	ng	# 0.00
86) Perylene-d12	24.927	264	184080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	65964	110.809	ng	0.00
7) Phenol-d6	7.206	99	86823	105.746	ng	0.00
23) Nitrobenzene-d5	9.198	82	56210	68.364	ng	0.00
42) 2,4,6-Tribromophenol	16.155	330	108701	143.661	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	181034	68.099	ng	0.00
79) Terphenyl-d14	20.021	244	614751	70.846	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.204	70	8182	14.597	ng	# 75
51) 2,6-Dinitrotoluene	14.668	165	5397	8.096	ng	# 16
57) 2,4-Dinitrotoluene	14.668	165	5397	5.591	ng	# 21
67) 4-Bromophenyl-phenylether	16.155	248	6585	3.573	ng	# 1
77) Benzidine	20.021	184	7792	2.488	ng	# 91

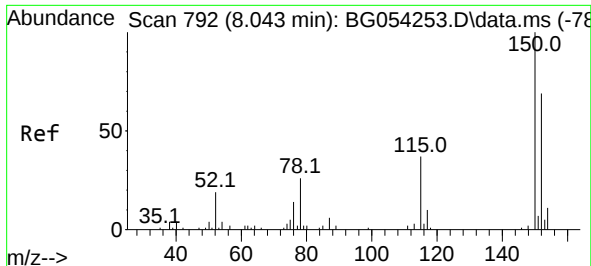
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
Data File : BG054263.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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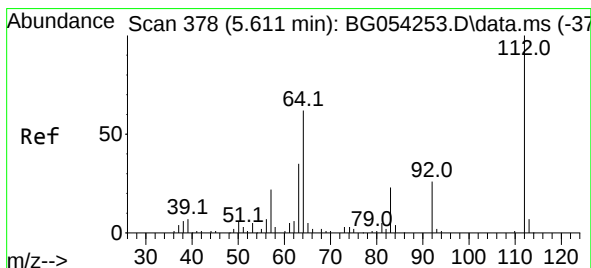
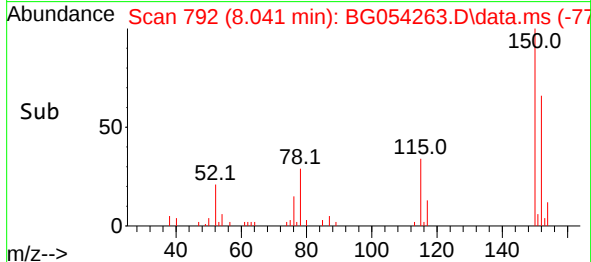
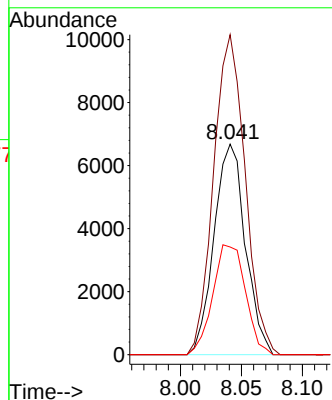
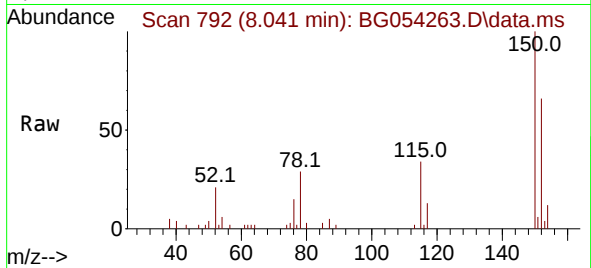




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.041 min Scan# 792
Delta R.T. -0.002 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

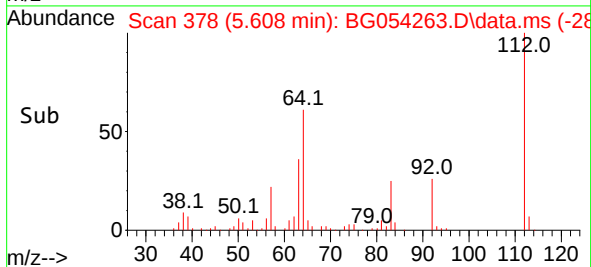
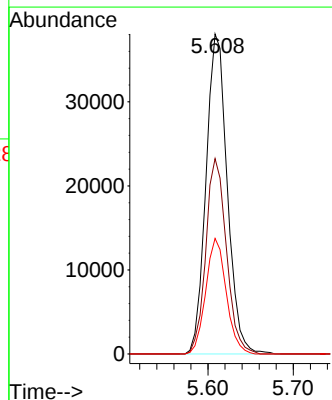
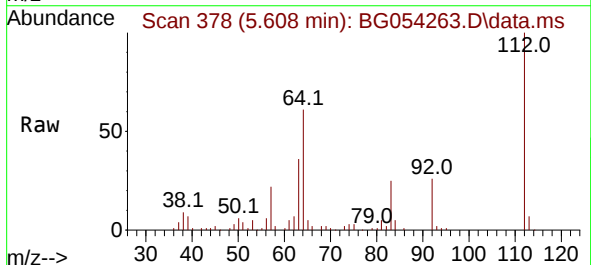
Instrument :
BNA_G
ClientSampleId :
A-3-LC

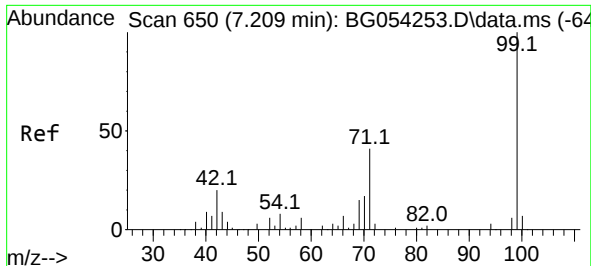
Tgt Ion:152 Resp: 11960
Ion Ratio Lower Upper
152 100
150 152.0 131.6 197.4
115 51.2 50.9 76.3



#5
2-Fluorophenol
Concen: 110.809 ng
RT: 5.608 min Scan# 378
Delta R.T. -0.002 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

Tgt Ion:112 Resp: 65964
Ion Ratio Lower Upper
112 100
64 61.0 55.1 82.7
63 36.1 30.4 45.6

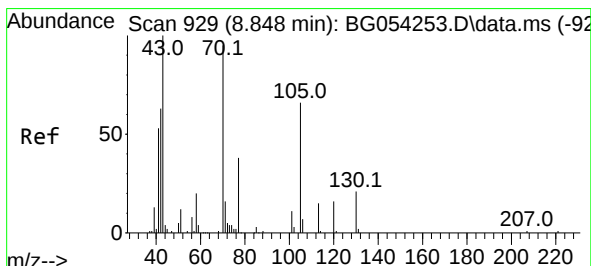
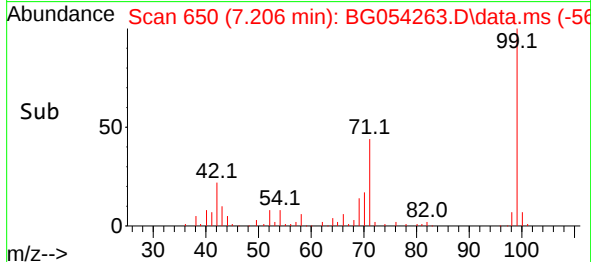
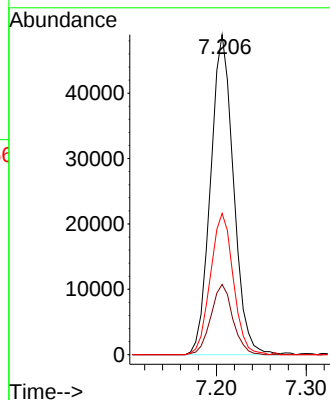
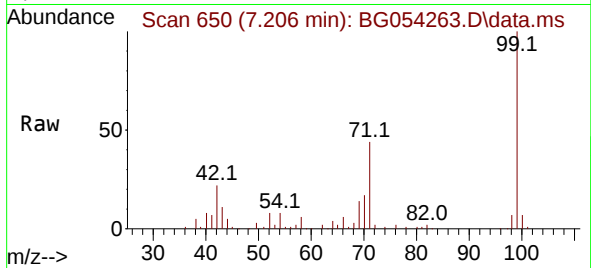




#7
Phenol-d6
Concen: 105.746 ng
RT: 7.206 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

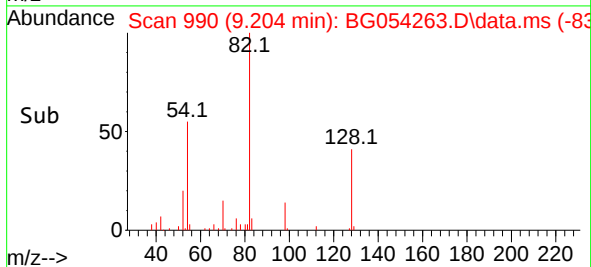
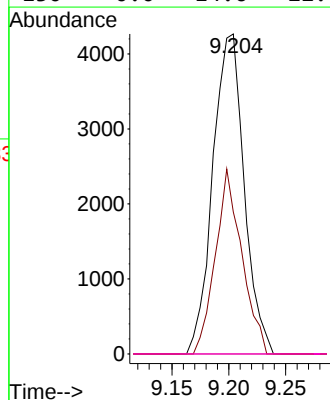
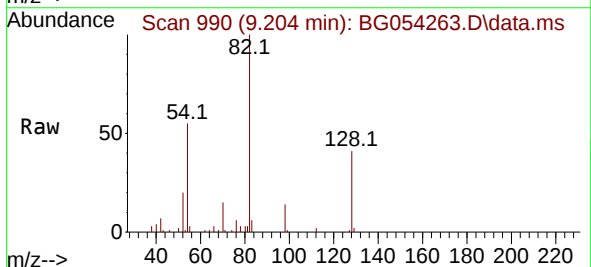
Instrument :
BNA_G
ClientSampleId :
A-3-LC

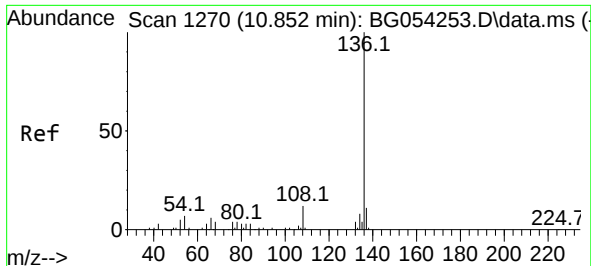
Tgt Ion: 99 Resp: 86823
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 44.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.597 ng
RT: 9.204 min Scan# 990
Delta R.T. 0.356 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

Tgt Ion: 70 Resp: 8182
Ion Ratio Lower Upper
70 100
42 44.4 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

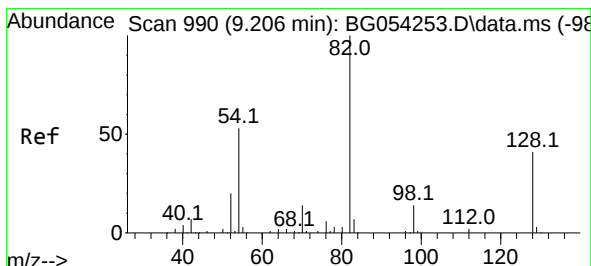
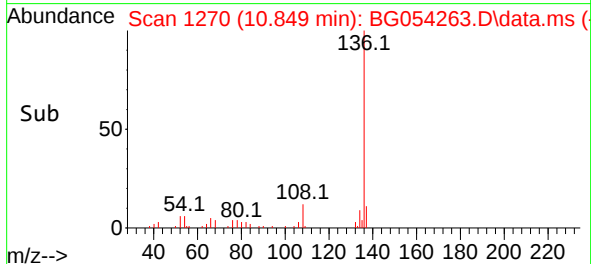
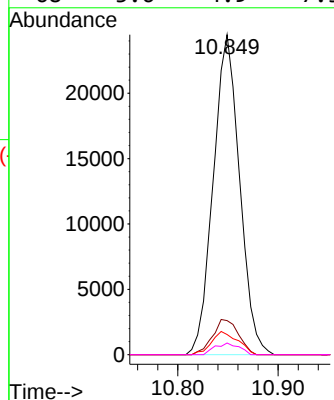
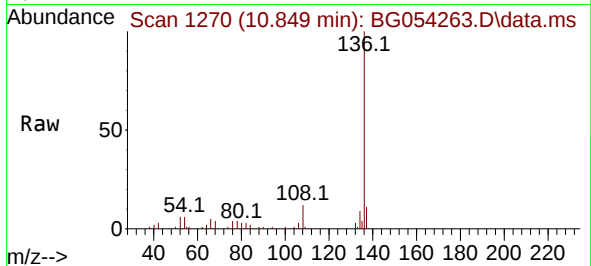




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.849 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

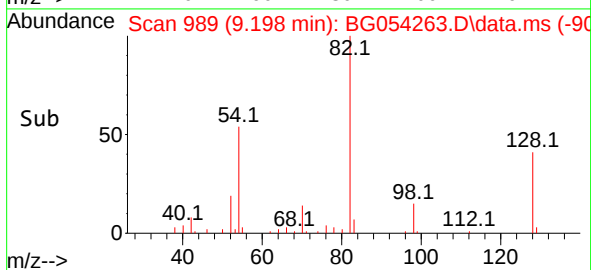
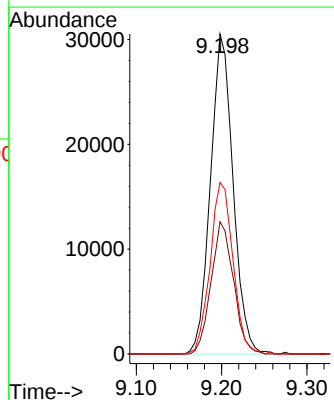
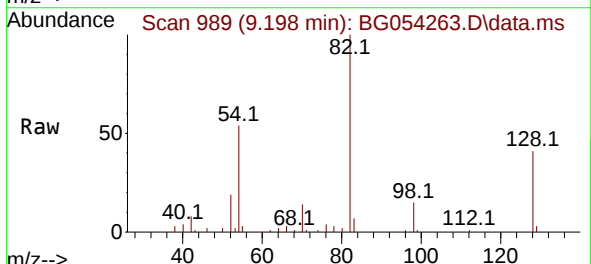
Instrument :
BNA_G
ClientSampleId :
A-3-LC

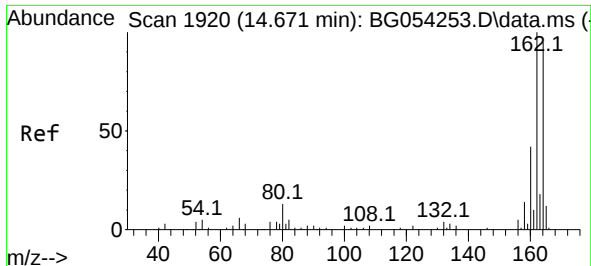
Tgt Ion:136	Resp:	44619
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	6.3	7.4 11.2#
68	3.6	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 68.364 ng
RT: 9.198 min Scan# 989
Delta R.T. -0.008 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

Tgt Ion: 82	Resp:	56210
Ion Ratio	Lower	Upper
82	100	
128	41.3	27.9 41.9
54	53.6	41.2 61.8

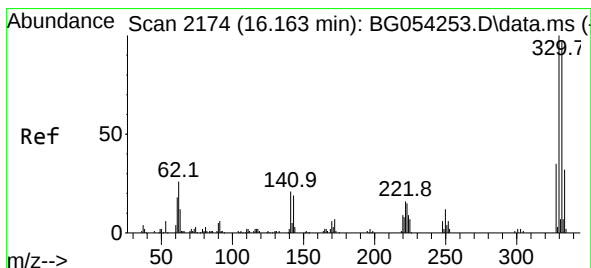
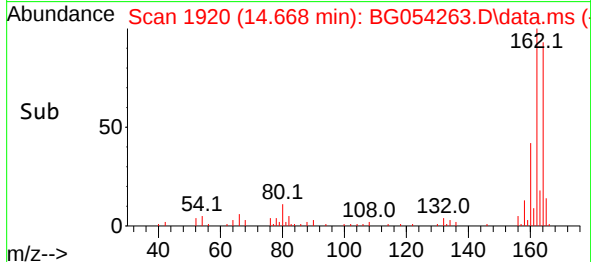
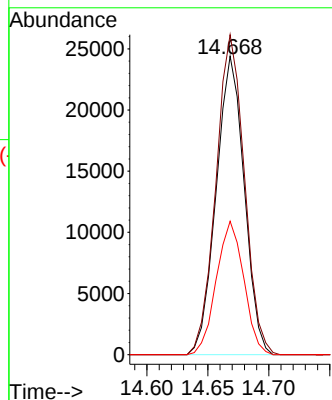
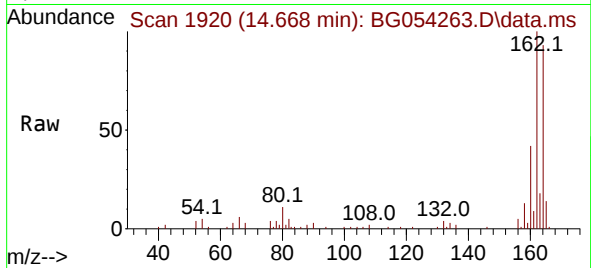




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.668 min Scan# 1920
Delta R.T. -0.003 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

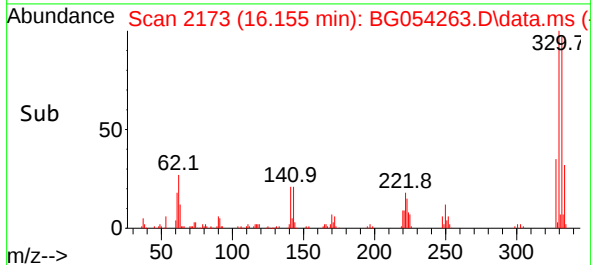
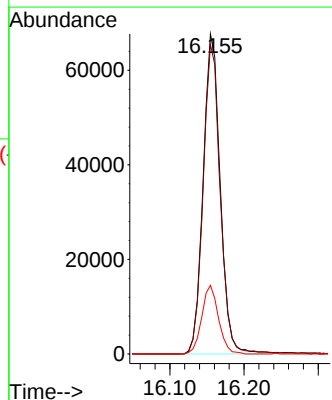
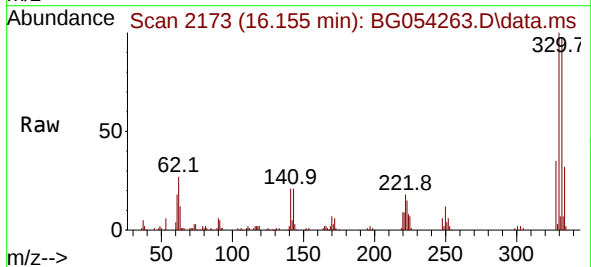
Instrument :
BNA_G
ClientSampleId :
A-3-LC

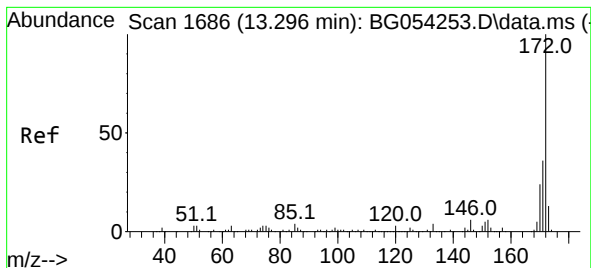
Tgt Ion:164 Resp: 39061
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 44.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 143.661 ng
RT: 16.155 min Scan# 2173
Delta R.T. -0.008 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

Tgt Ion:330 Resp: 108701
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 20.9 27.1 40.7#

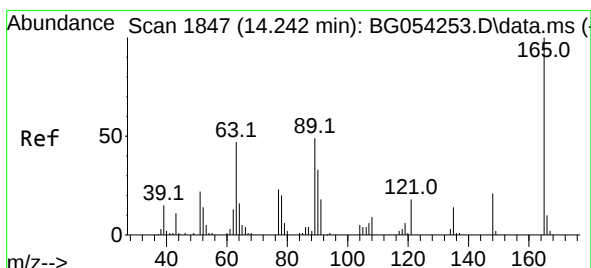
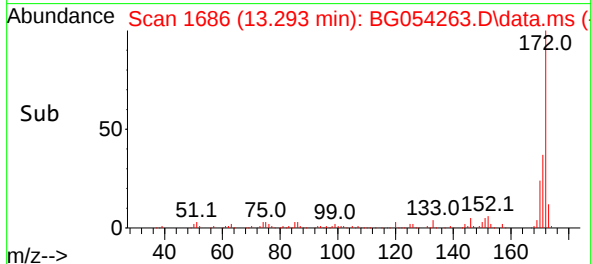
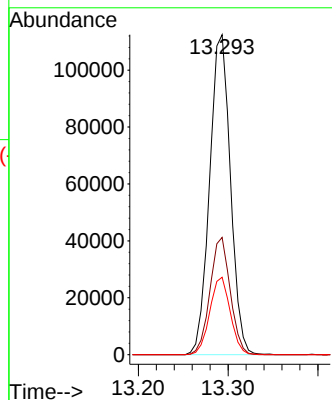
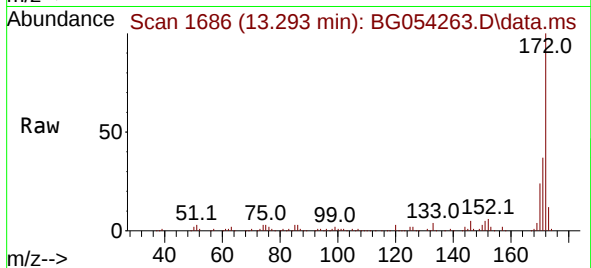




#45
2-Fluorobiphenyl
Concen: 68.099 ng
RT: 13.293 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

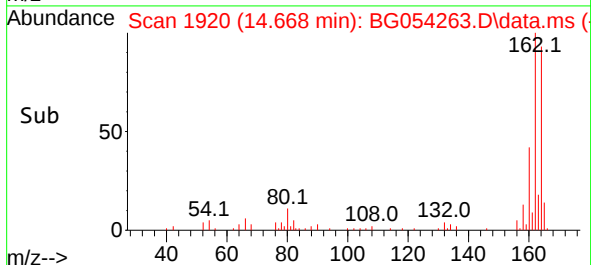
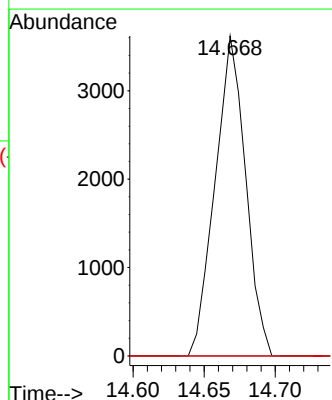
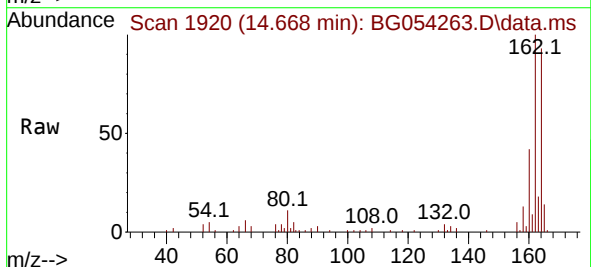
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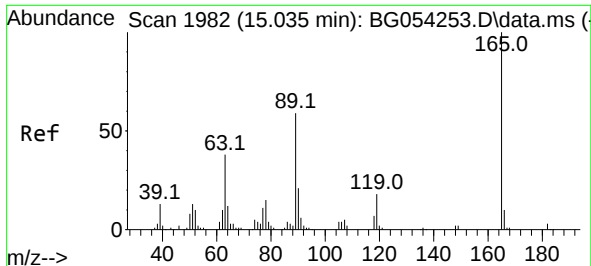
Tgt Ion:172 Resp: 181034
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.096 ng
RT: 14.668 min Scan# 1920
Delta R.T. 0.426 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

Tgt Ion:165 Resp: 5397
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

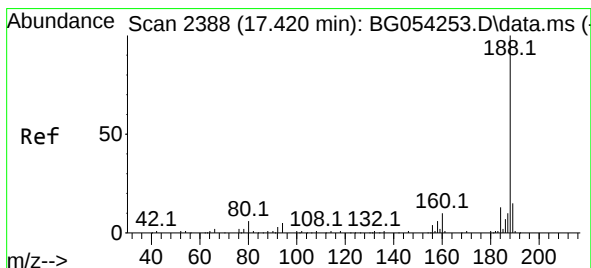
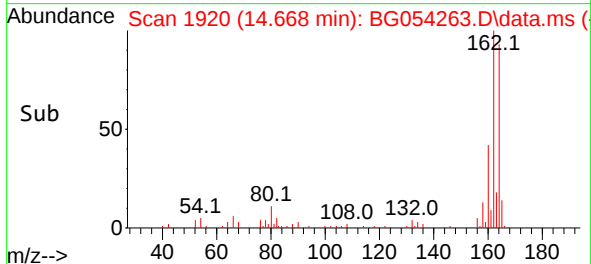
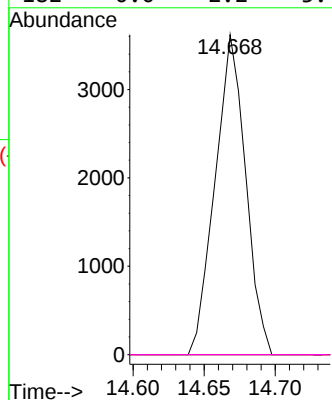
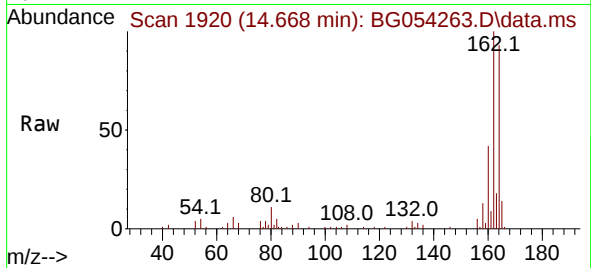




#57
2,4-Dinitrotoluene
Concen: 5.591 ng
RT: 14.668 min Scan# 1982
Delta R.T. -0.367 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

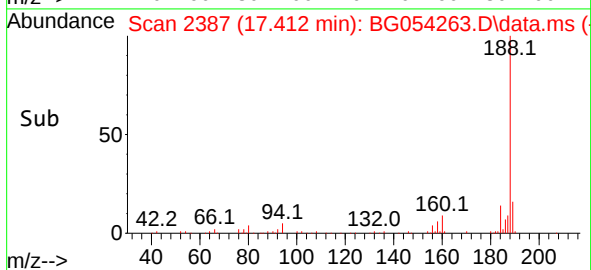
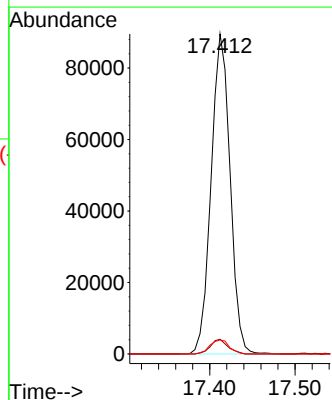
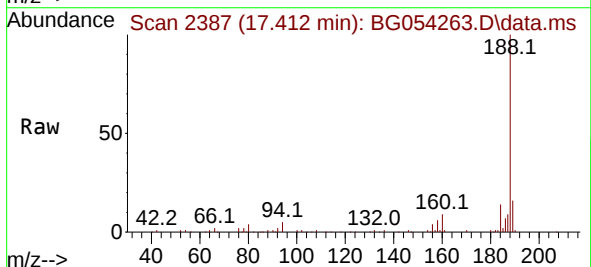
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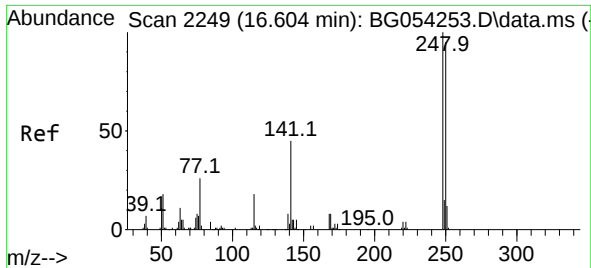
Tgt Ion:165 Resp: 5397
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.412 min Scan# 2387
Delta R.T. -0.008 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

Tgt Ion:188 Resp: 138176
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 4.3 6.8 10.2#

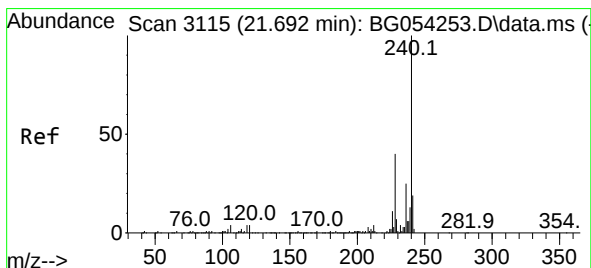
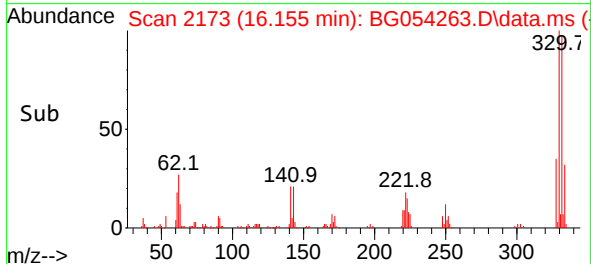
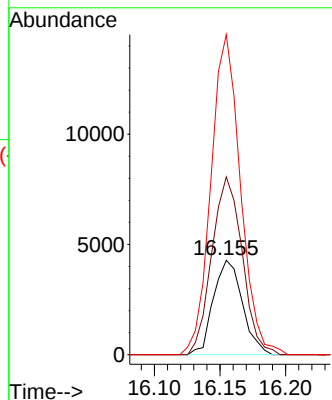
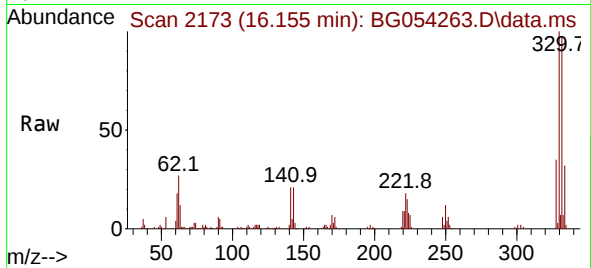




#67
4-Bromophenyl-phenylether
Concen: 3.573 ng
RT: 16.155 min Scan# 2117
Delta R.T. -0.449 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

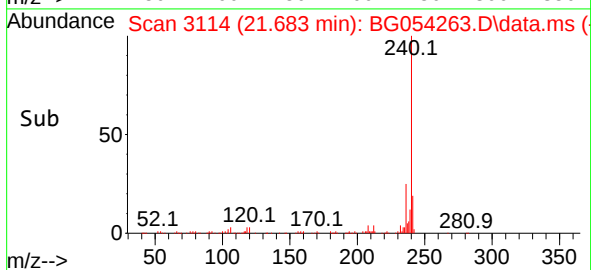
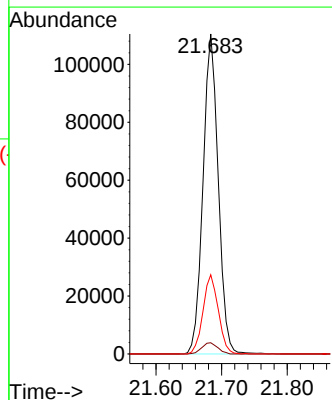
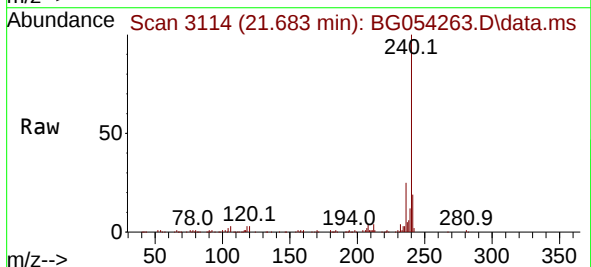
Instrument :
BNA_G
ClientSampleId :
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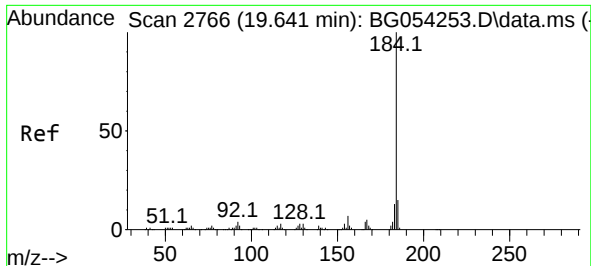
Tgt Ion:248 Resp: 6585
Ion Ratio Lower Upper
248 100
250 188.1 75.2 112.8#
141 338.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.683 min Scan# 3114
Delta R.T. -0.009 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

Tgt Ion:240 Resp: 178438
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.8 20.2 30.4

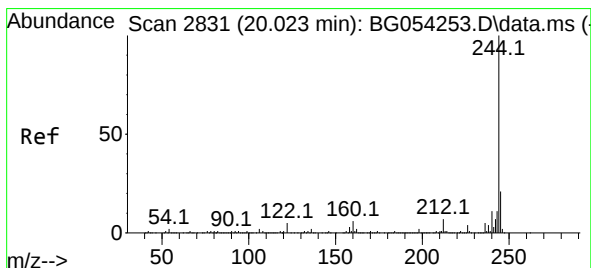
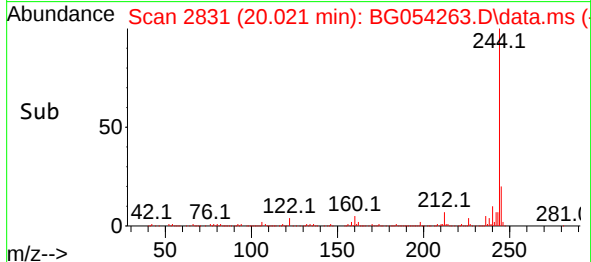
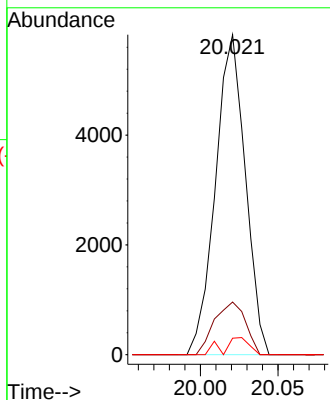
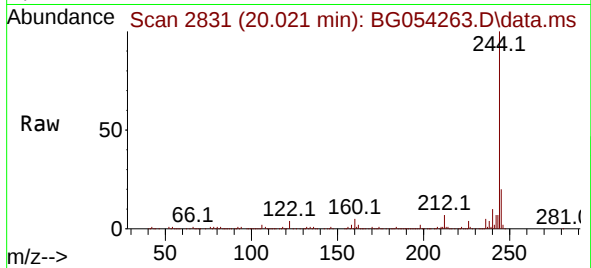




#77
Benzidine
Concen: 2.488 ng
RT: 20.021 min Scan# 2831
Delta R.T. 0.379 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

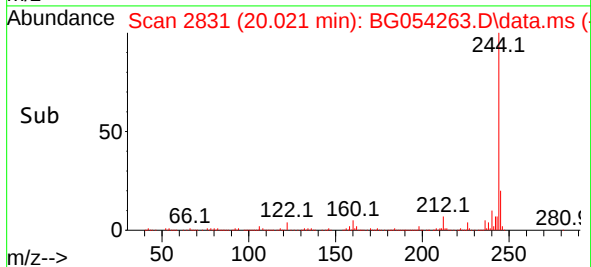
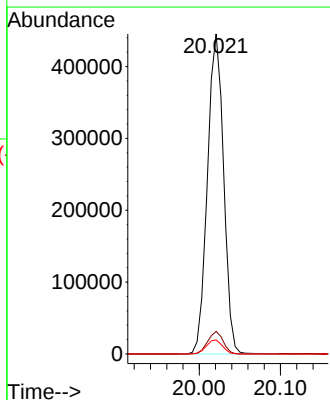
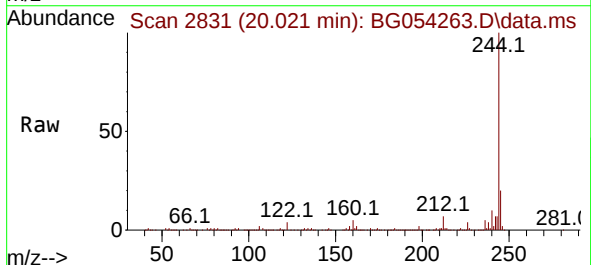
Instrument :
BNA_G
ClientSampleId :
A-3-LC

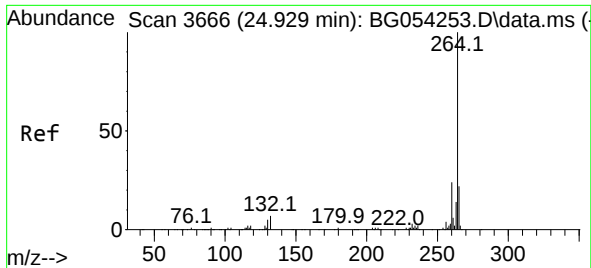
Tgt Ion:184 Resp: 7792
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 5.2 8.9 13.3#



#79
Terphenyl-d14
Concen: 70.846 ng
RT: 20.021 min Scan# 2831
Delta R.T. -0.002 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

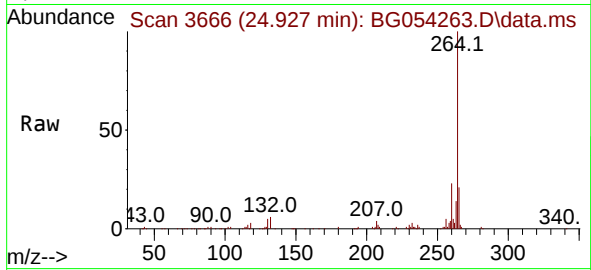
Tgt Ion:244 Resp: 614751
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.4 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG054263.D
Acq: 12 Jul 2022 19:46

Instrument :
BNA_G
ClientSampleId :
A-3-LC



Tgt Ion:264 Resp: 184080

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	20.7	17.4	26.2

