

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054264.D
 Acq On : 12 Jul 2022 20:29
 Operator : CG/JU
 Sample : N3649-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A-6-UC

Quant Time: Jul 13 01:36:55 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)

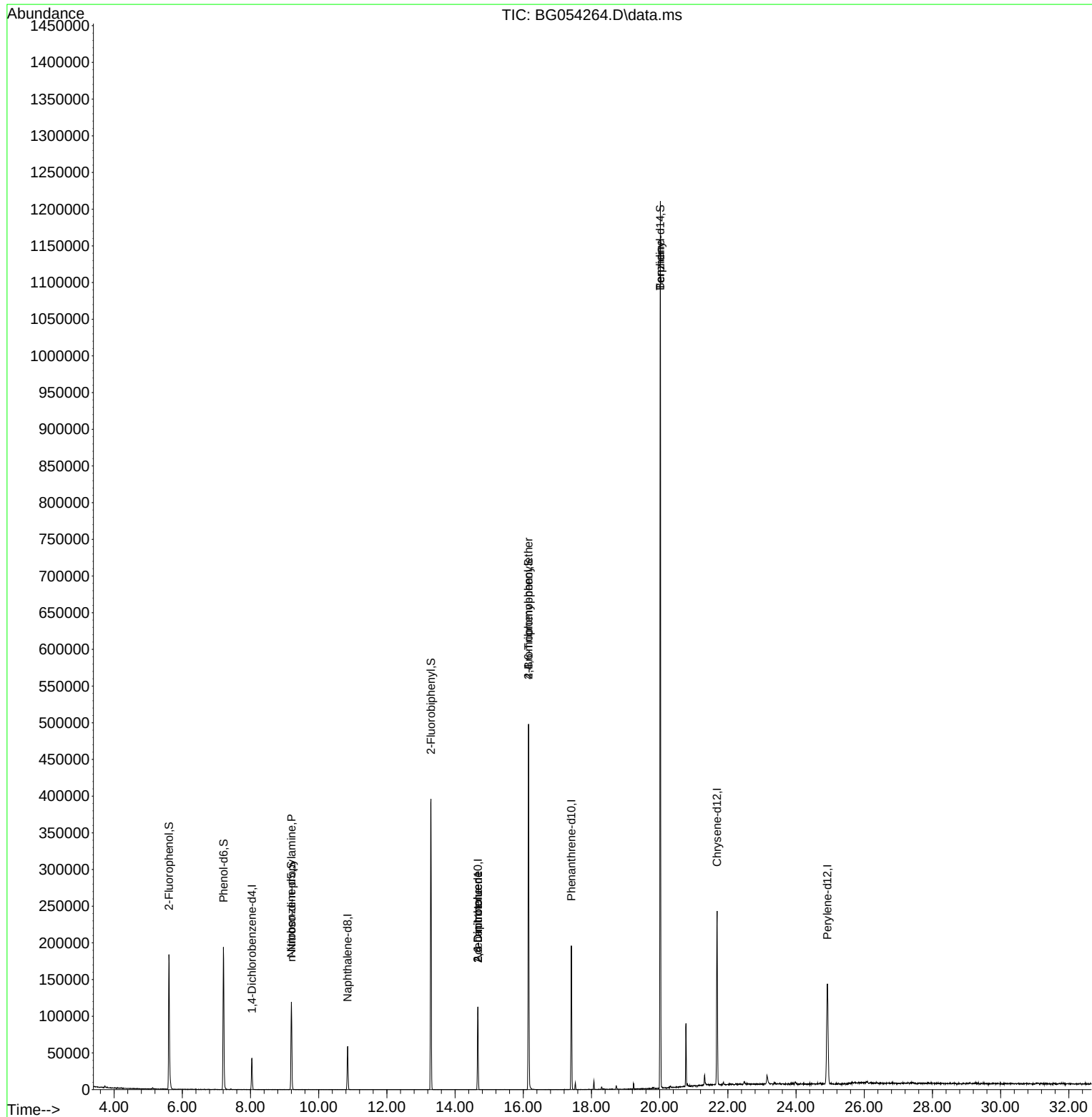
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	14519	20.000	ng	0.00
21) Naphthalene-d8	10.850	136	54758	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	45273	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	144955	20.000	ng	# 0.00
76) Chrysene-d12	21.684	240	176290	20.000	ng	# 0.00
86) Perylene-d12	24.922	264	180613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	92246	127.647	ng	0.00
7) Phenol-d6	7.207	99	118938	119.328	ng	0.00
23) Nitrobenzene-d5	9.199	82	77435	76.740	ng	0.00
42) 2,4,6-Tribromophenol	16.155	330	133926	152.712	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	237689	77.143	ng	0.00
79) Terphenyl-d14	20.022	244	689377	80.414	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.205	70	10952	16.095	ng	# 77
51) 2,6-Dinitrotoluene	14.669	165	6453	8.352	ng	# 16
57) 2,4-Dinitrotoluene	14.669	165	6453	5.768	ng	# 21
67) 4-Bromophenyl-phenylether	16.155	248	7899	4.086	ng	# 1
77) Benzidine	20.022	184	8965	2.897	ng	# 94

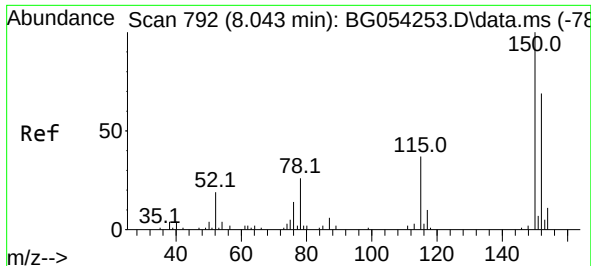
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
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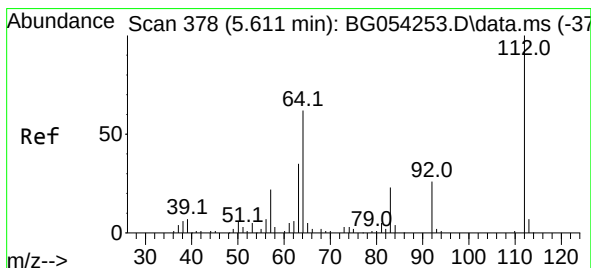
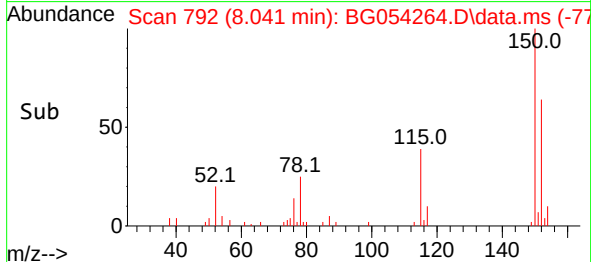
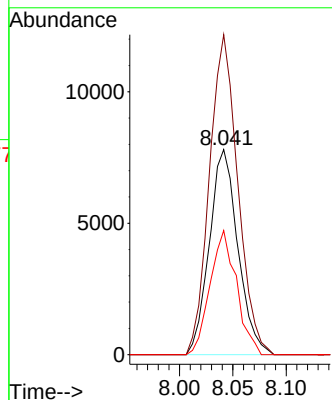
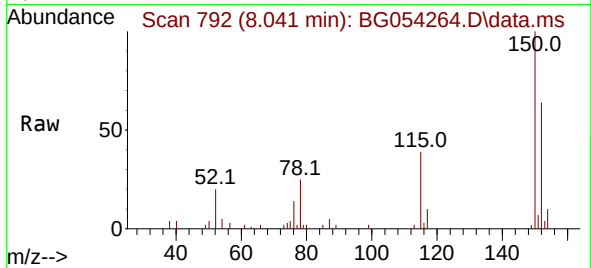




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.041 min Scan# 792
 Delta R.T. -0.002 min
 Lab File: BG054264.D
 Acq: 12 Jul 2022 20:29

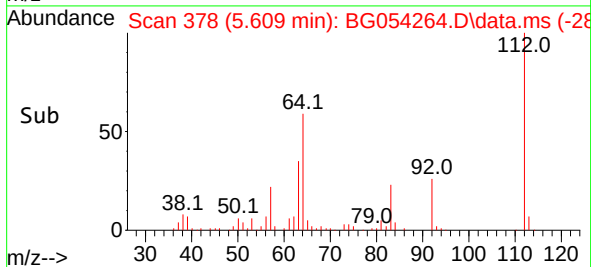
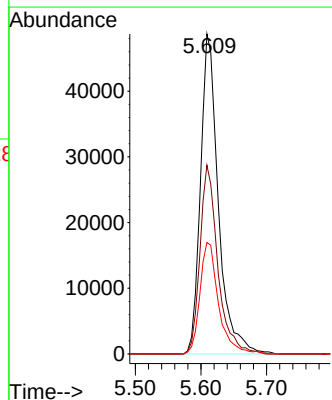
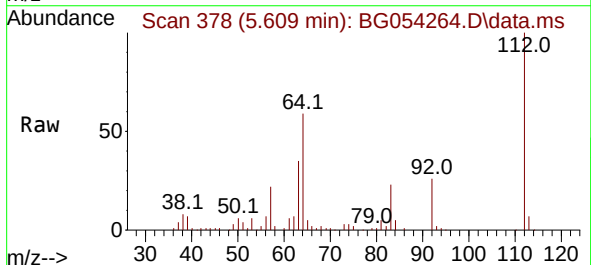
Instrument :
 BNA_G
 ClientSampleId :
 A-6-UC

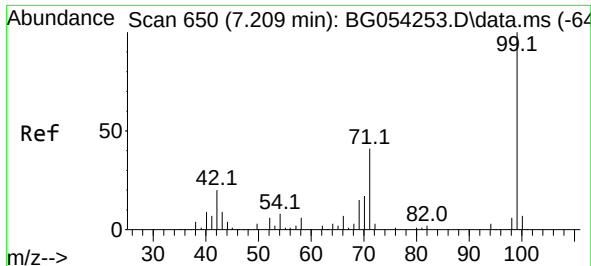
Tgt Ion:152 Resp: 14519
 Ion Ratio Lower Upper
 152 100
 150 156.0 131.6 197.4
 115 60.5 50.9 76.3



#5
 2-Fluorophenol
 Concen: 127.647 ng
 RT: 5.609 min Scan# 378
 Delta R.T. -0.002 min
 Lab File: BG054264.D
 Acq: 12 Jul 2022 20:29

Tgt Ion:112 Resp: 92246
 Ion Ratio Lower Upper
 112 100
 64 59.0 55.1 82.7
 63 34.8 30.4 45.6

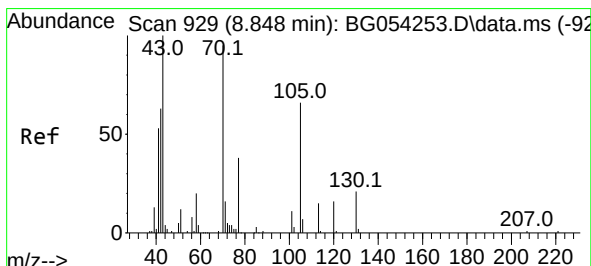
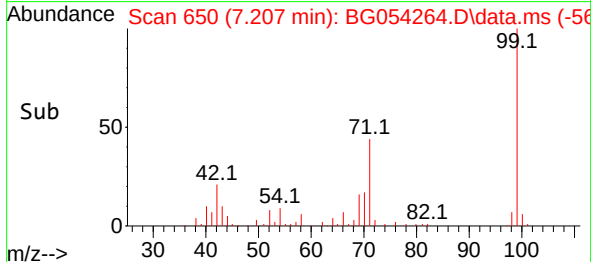
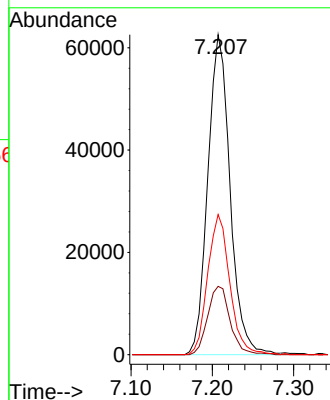
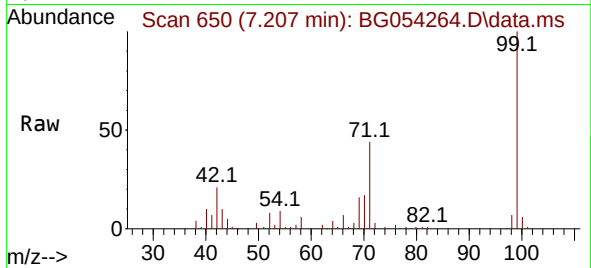




#7
Phenol-d6
Concen: 119.328 ng
RT: 7.207 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

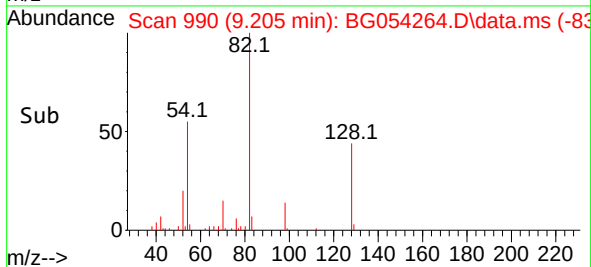
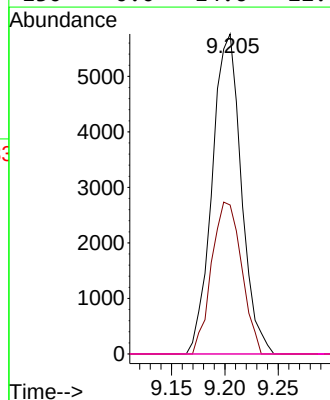
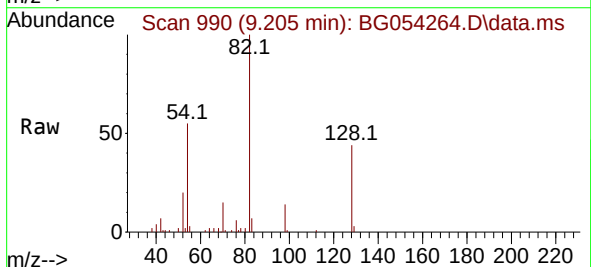
Instrument :
BNA_G
ClientSampleId :
A-6-UC

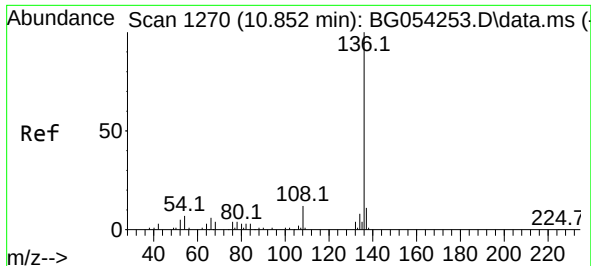
Tgt Ion: 99 Resp: 118938
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 43.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.095 ng
RT: 9.205 min Scan# 990
Delta R.T. 0.357 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

Tgt Ion: 70 Resp: 10952
Ion Ratio Lower Upper
70 100
42 46.6 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

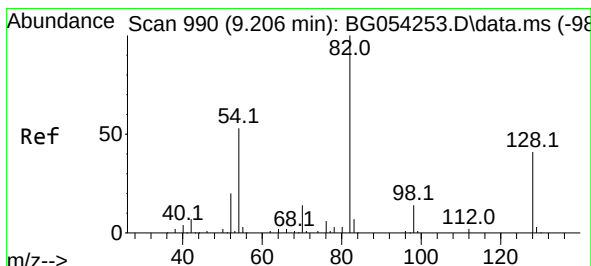
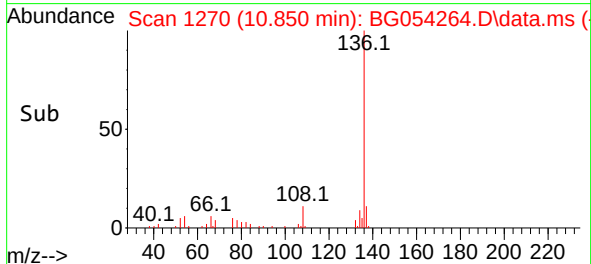
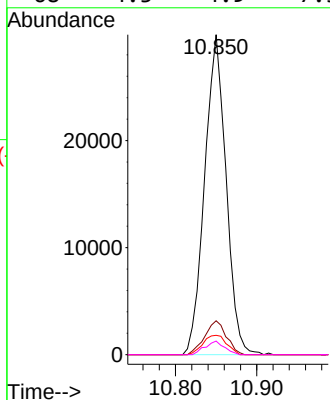
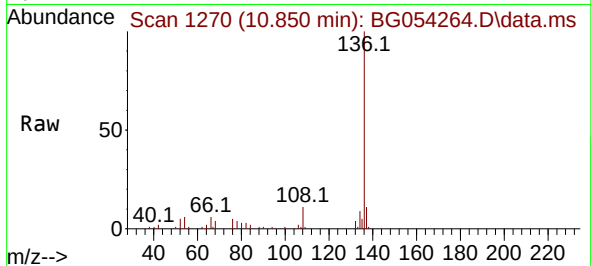




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.850 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

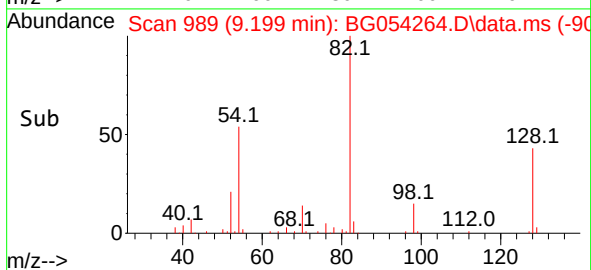
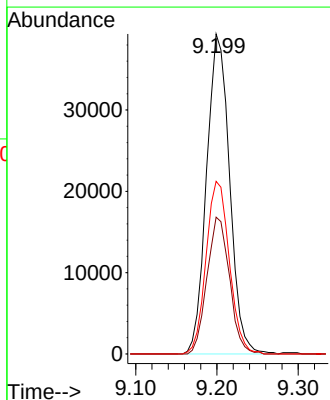
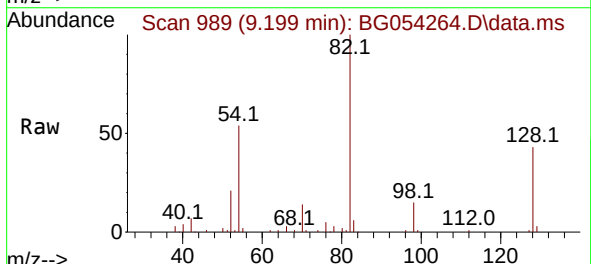
Instrument :
BNA_G
ClientSampleId :
A-6-UC

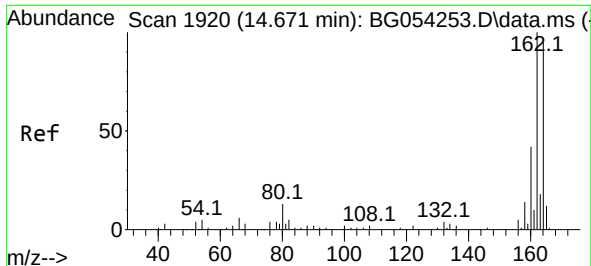
Tgt Ion:	136	Resp:	54758
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.0	7.4	11.2#
68	4.3	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 76.740 ng
RT: 9.199 min Scan# 989
Delta R.T. -0.008 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

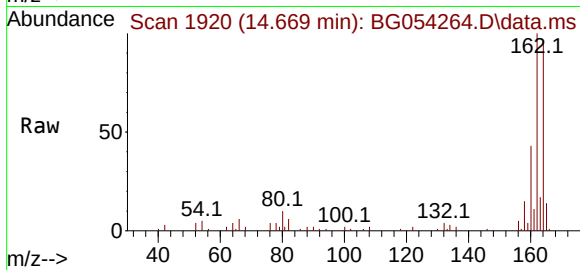
Tgt Ion:	82	Resp:	77435
Ion Ratio	Lower	Upper	
82	100		
128	42.8	27.9	41.9#
54	54.0	41.2	61.8





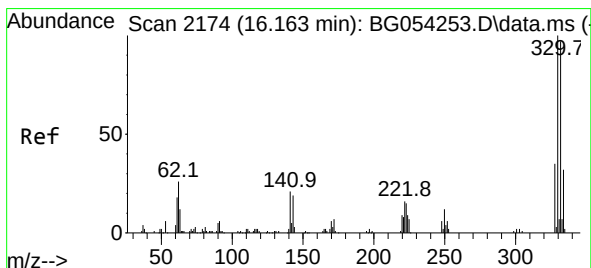
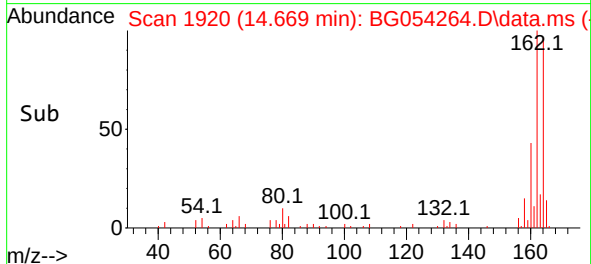
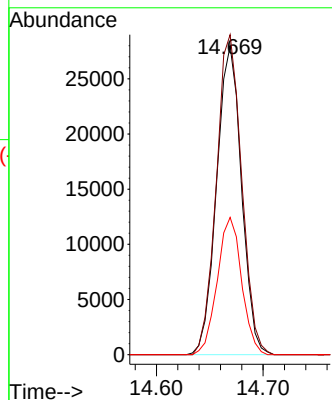
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.669 min Scan# 1920
 Delta R.T. -0.002 min
 Lab File: BG054264.D
 Acq: 12 Jul 2022 20:29

Instrument :
 BNA_G
 ClientSampleId :
 A-6-UC



Tgt Ion:164 Resp: 45273

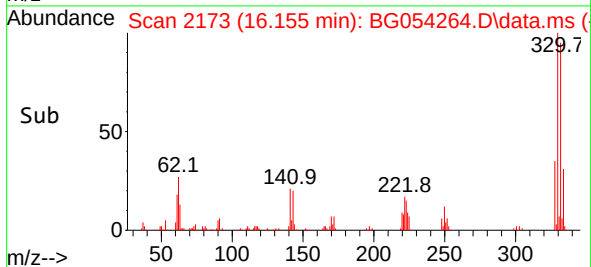
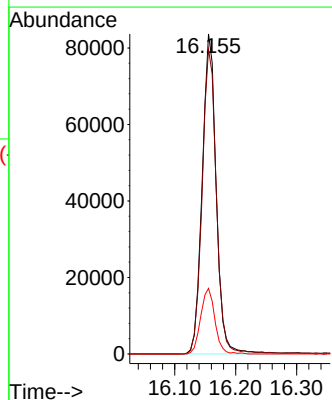
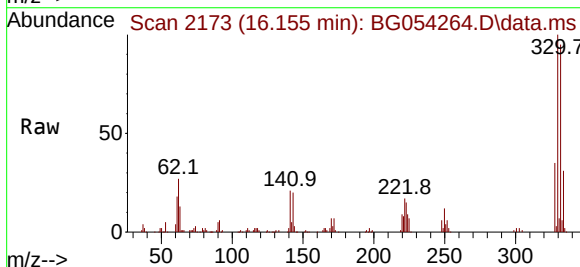
Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.3	123.5
160	44.5	34.2	51.2

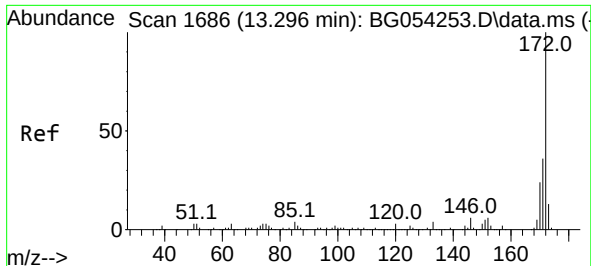


#42
 2,4,6-Tribromophenol
 Concen: 152.712 ng
 RT: 16.155 min Scan# 2173
 Delta R.T. -0.008 min
 Lab File: BG054264.D
 Acq: 12 Jul 2022 20:29

Tgt Ion:330 Resp: 133926

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	20.8	27.1	40.7

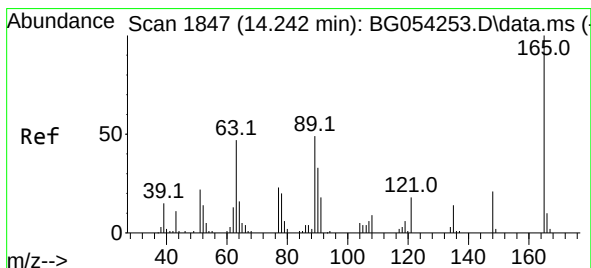
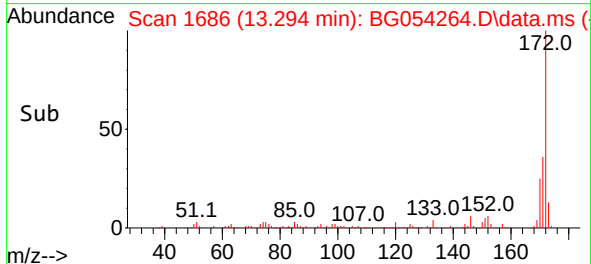
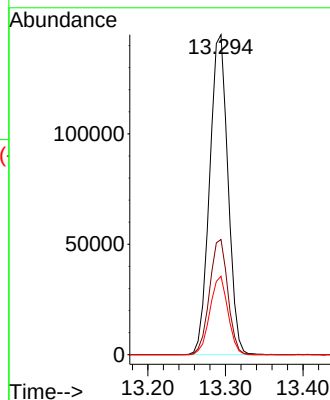
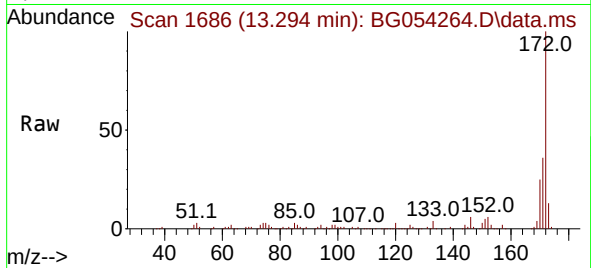




#45
2-Fluorobiphenyl
Concen: 77.143 ng
RT: 13.294 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

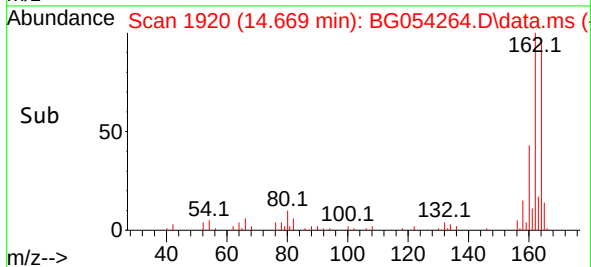
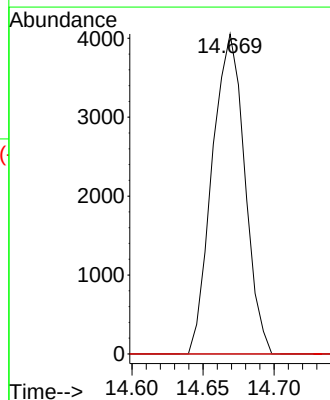
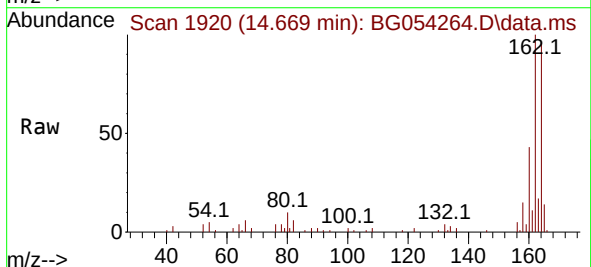
Instrument :
BNA_G
ClientSampleId :
A-6-UC

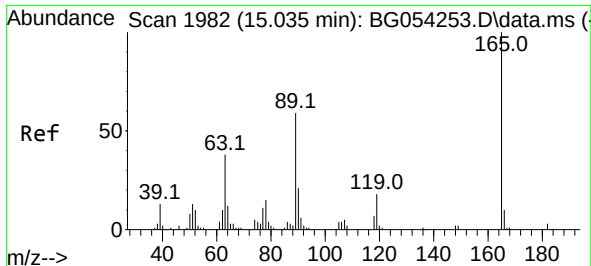
Tgt Ion:172 Resp: 237689
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.352 ng
RT: 14.669 min Scan# 1920
Delta R.T. 0.427 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

Tgt Ion:165 Resp: 6453
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

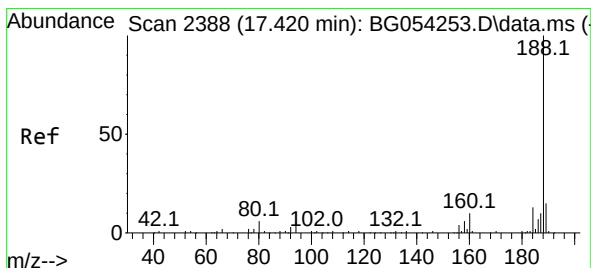
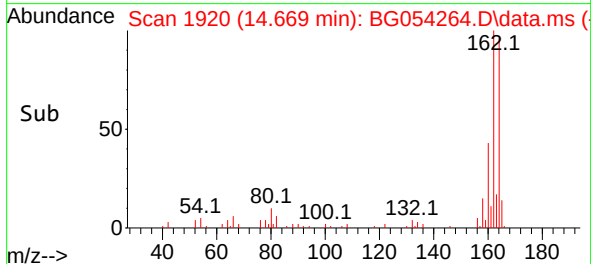
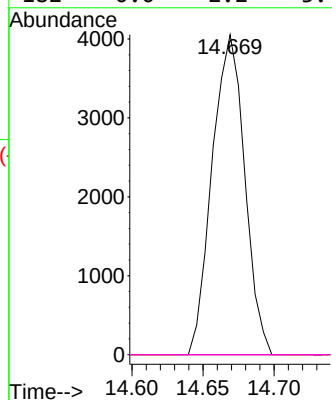
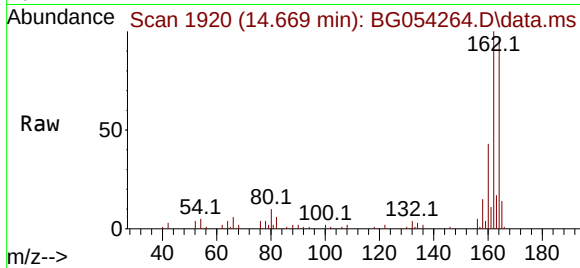




#57
2,4-Dinitrotoluene
Concen: 5.768 ng
RT: 14.669 min Scan# 1982
Delta R.T. -0.366 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

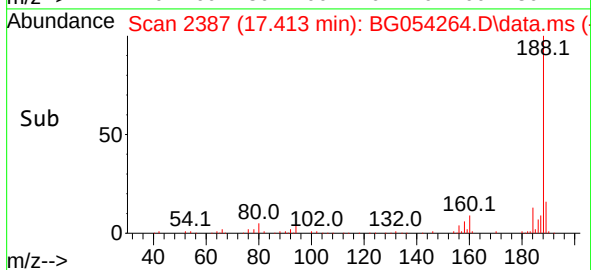
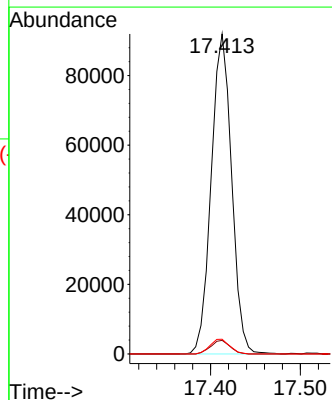
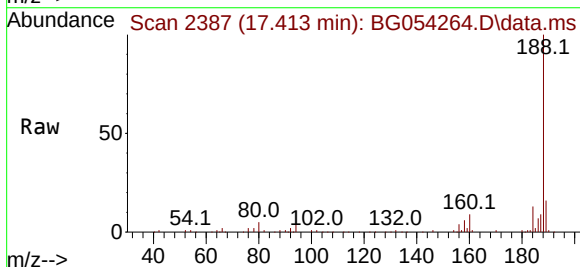
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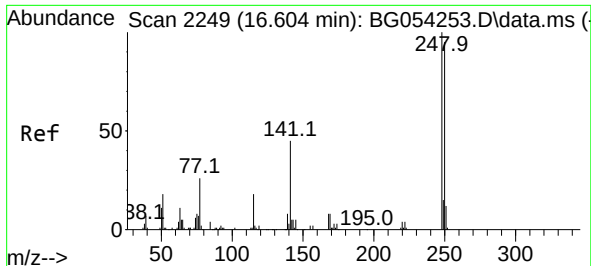
Tgt Ion:165 Resp: 6453
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.413 min Scan# 2387
Delta R.T. -0.007 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

Tgt Ion:188 Resp: 144955
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.6 6.8 10.2#

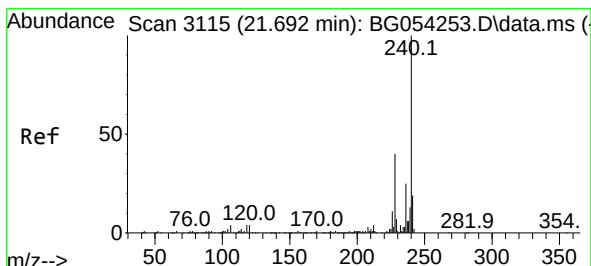
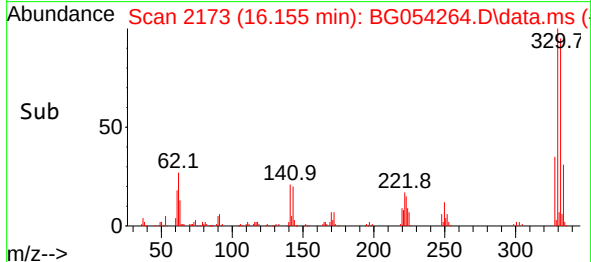
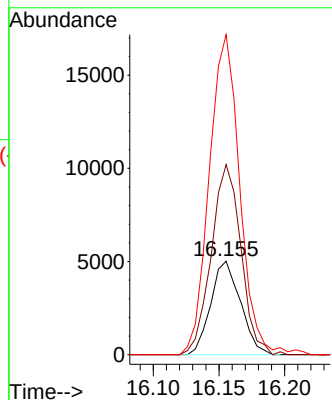
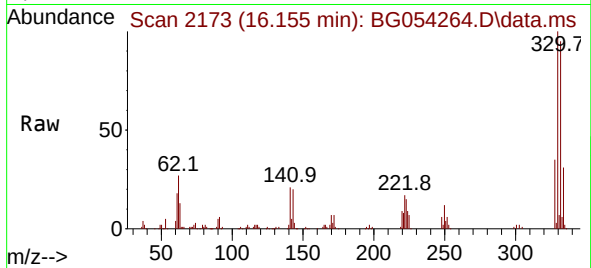




#67
4-Bromophenyl-phenylether
Concen: 4.086 ng
RT: 16.155 min Scan# 2173
Delta R.T. -0.448 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

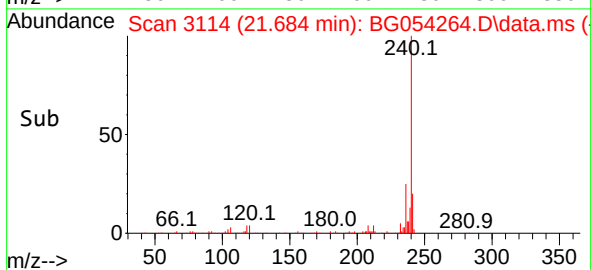
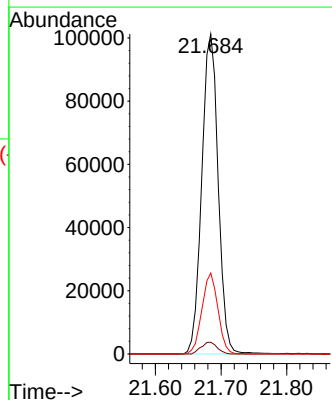
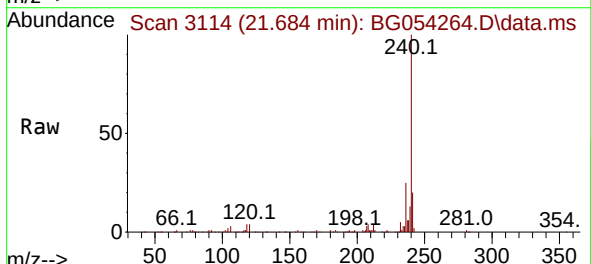
Instrument :
BNA_G
ClientSampleId :
A-6-UC

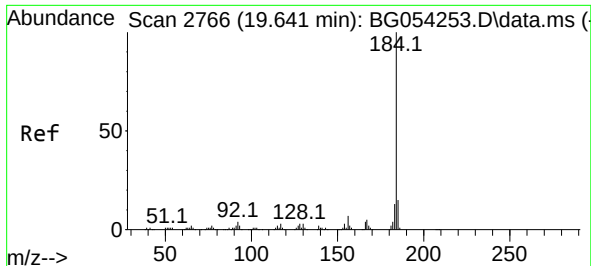
Tgt Ion:248 Resp: 7899
Ion Ratio Lower Upper
248 100
250 265.0 75.2 112.8#
141 342.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.684 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

Tgt Ion:240 Resp: 176290
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 25.3 20.2 30.4

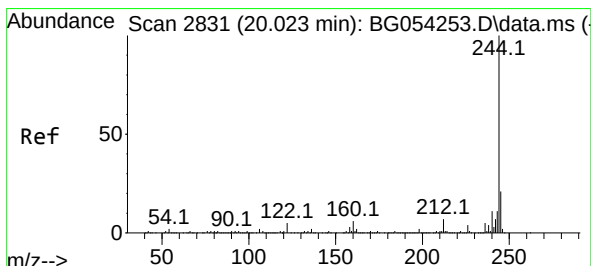
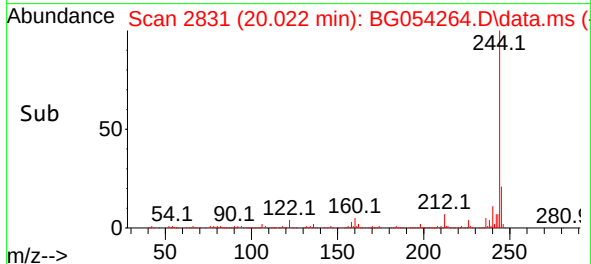
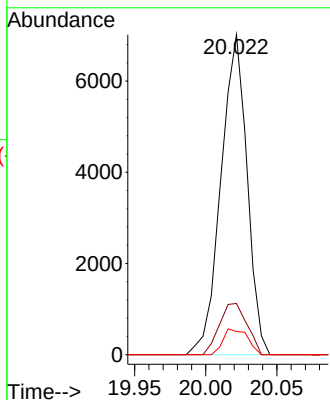
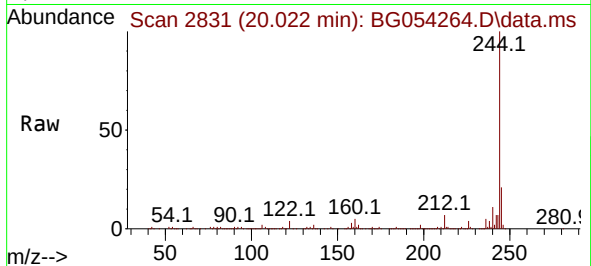




#77
Benzidine
Concen: 2.897 ng
RT: 20.022 min Scan# 21
Delta R.T. 0.380 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

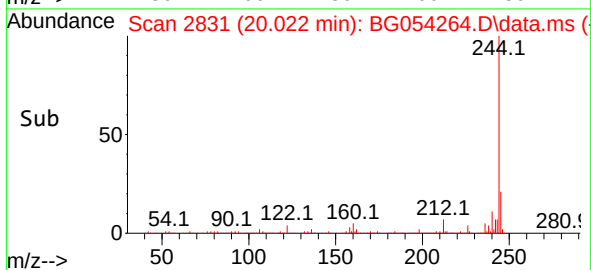
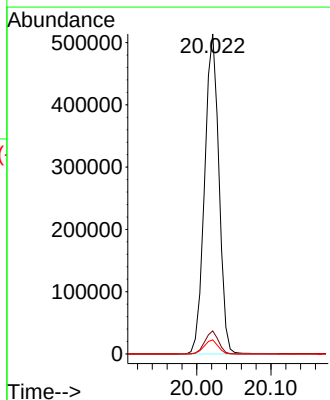
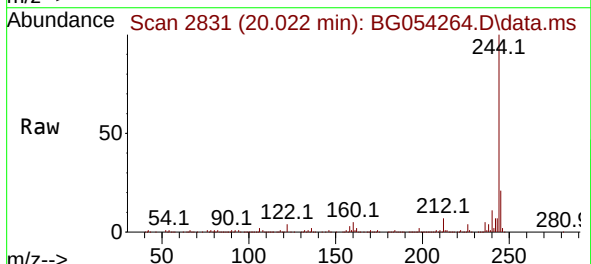
Instrument :
BNA_G
ClientSampleId :
A-6-UC

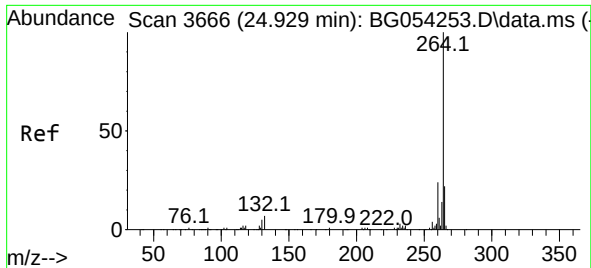
Tgt Ion:184 Resp: 8965
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.6
183 7.2 8.9 13.3#



#79
Terphenyl-d14
Concen: 80.414 ng
RT: 20.022 min Scan# 2831
Delta R.T. -0.002 min
Lab File: BG054264.D
Acq: 12 Jul 2022 20:29

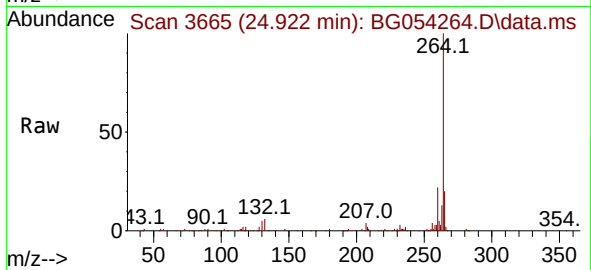
Tgt Ion:244 Resp: 689377
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.4 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.922 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG054264.D
 Acq: 12 Jul 2022 20:29

Instrument :
 BNA_G
 ClientSampleId :
 A-6-UC



Tgt Ion:264 Resp: 180613
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.6
 265 20.5 17.4 26.2

