

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054077.D
 Acq On : 26 Jun 2022 17:55
 Operator : CG/JU
 Sample : N3455-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-2-1

Quant Time: Jun 27 00:31:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

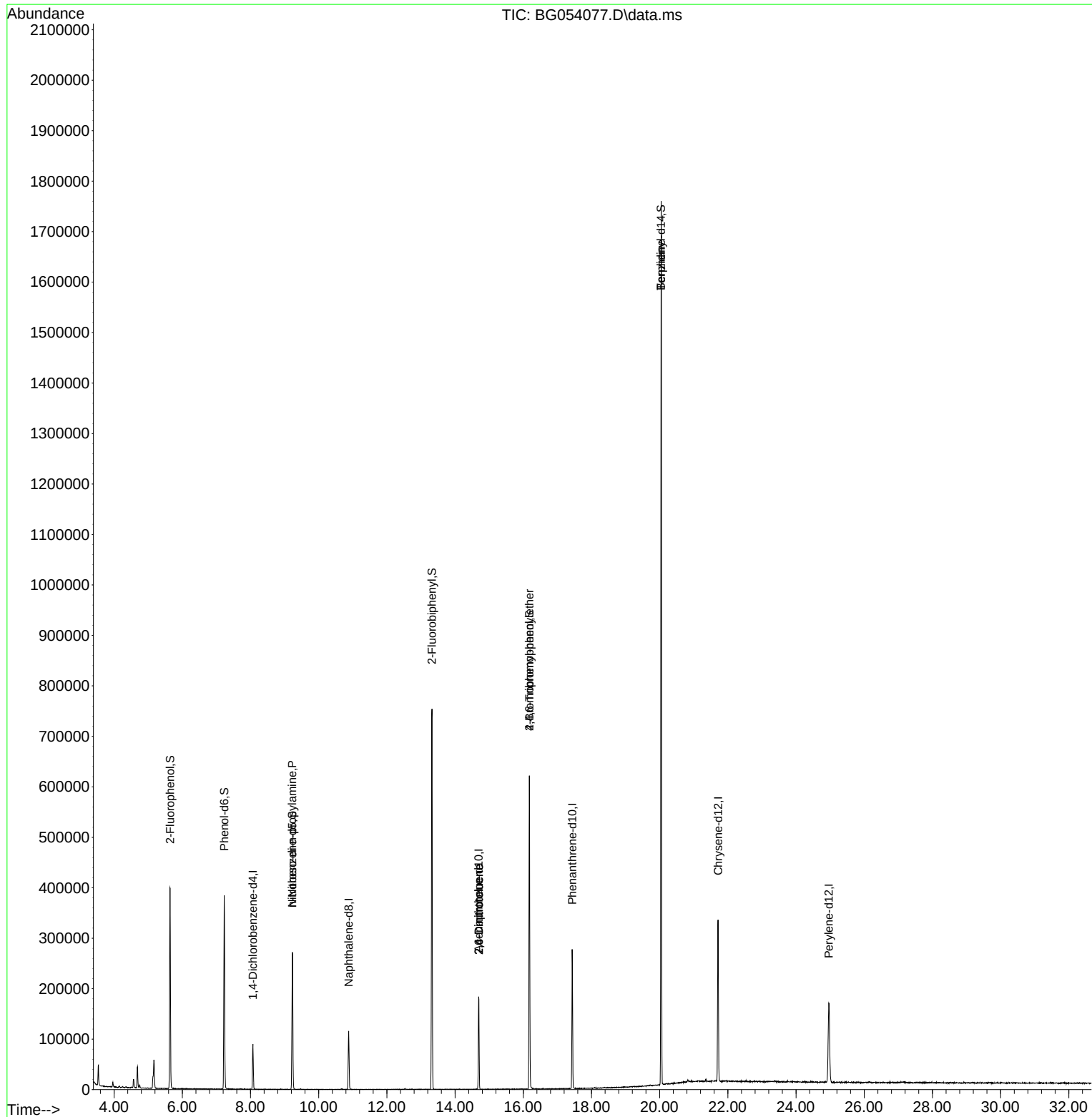
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	27814	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	105181	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	72400	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	187337	20.000	ng	0.00
76) Chrysene-d12	21.713	240	224541	20.000	ng	0.00
86) Perylene-d12	24.962	264	182943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	191038	131.318	ng	0.00
7) Phenol-d6	7.230	99	226565	114.803	ng	0.00
23) Nitrobenzene-d5	9.227	82	176725	94.421	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	139866	120.239	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	440540	88.481	ng	0.00
79) Terphenyl-d14	20.044	244	980643	87.961	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.227	70	23358	17.617	ng	# 85
51) 2,6-Dinitrotoluene	14.698	165	9727	8.731	ng	# 16
57) 2,4-Dinitrotoluene	14.698	165	9727	6.182	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	9357	3.999	ng	# 1
77) Benzidine	20.044	184	14442	3.106	ng	# 92

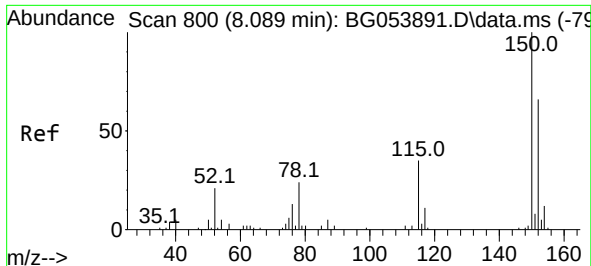
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

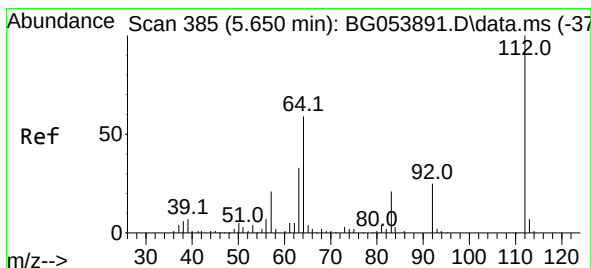
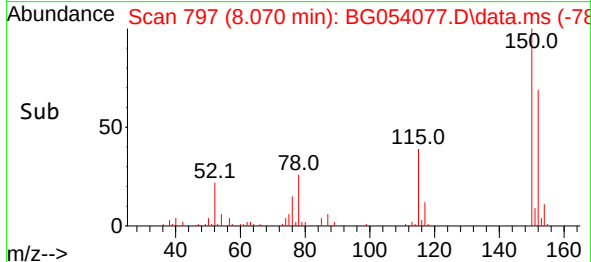
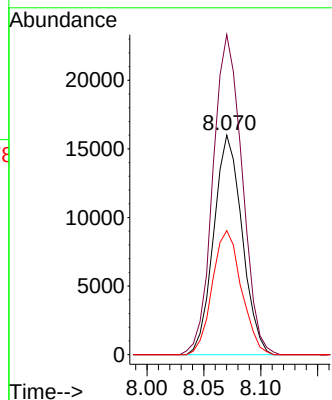
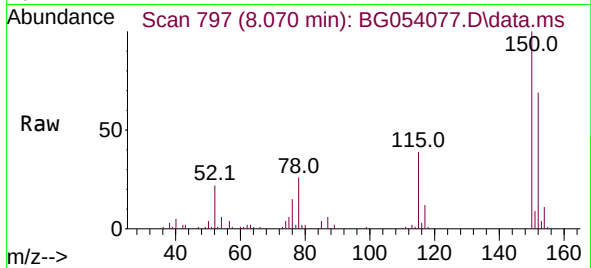




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 74
Delta R.T. 0.000 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

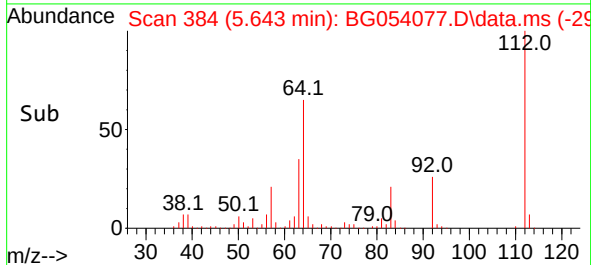
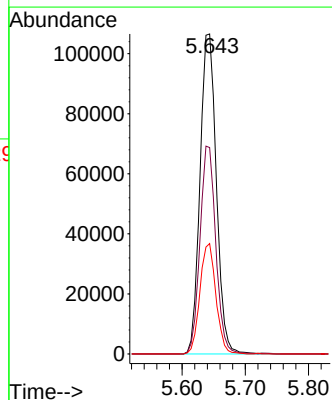
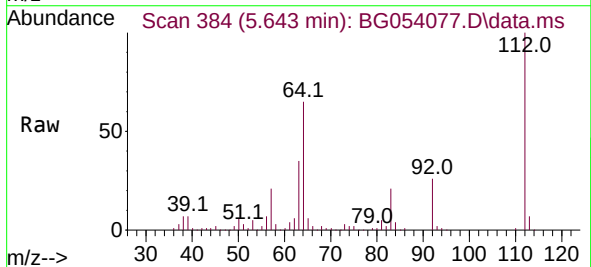
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-1

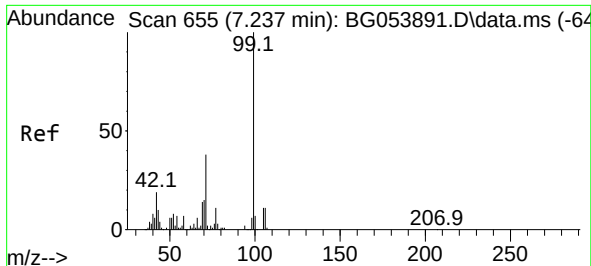
Tgt Ion:152 Resp: 27814
Ion Ratio Lower Upper
152 100
150 145.8 131.6 197.4
115 56.5 50.9 76.3



#5
2-Fluorophenol
Concen: 131.318 ng
RT: 5.643 min Scan# 384
Delta R.T. 0.006 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

Tgt Ion:112 Resp: 191038
Ion Ratio Lower Upper
112 100
64 64.5 55.1 82.7
63 34.5 30.4 45.6

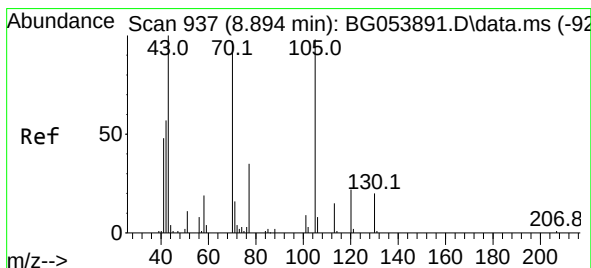
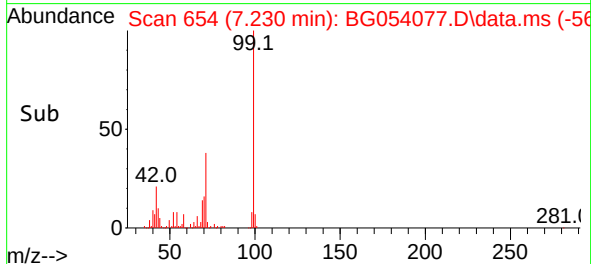
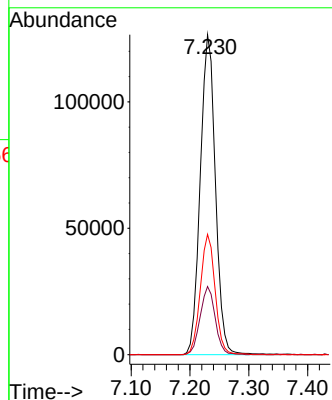
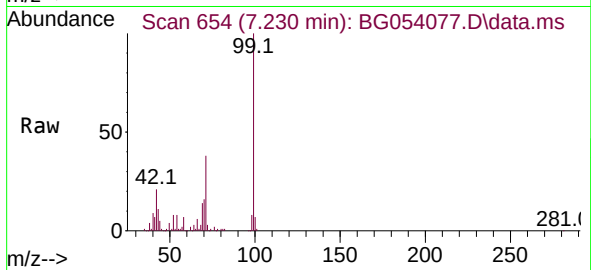




#7
Phenol-d6
Concen: 114.803 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

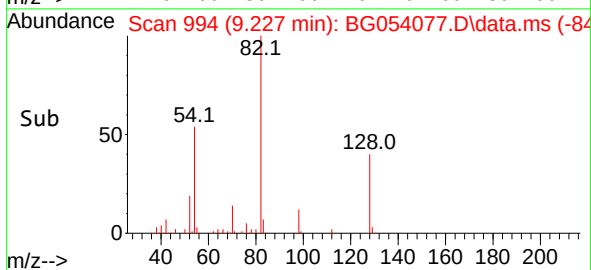
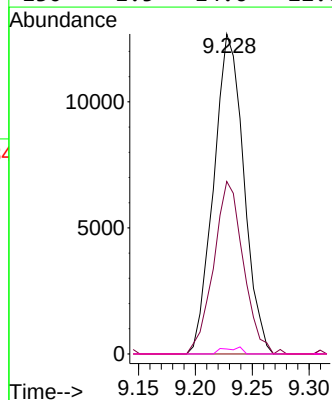
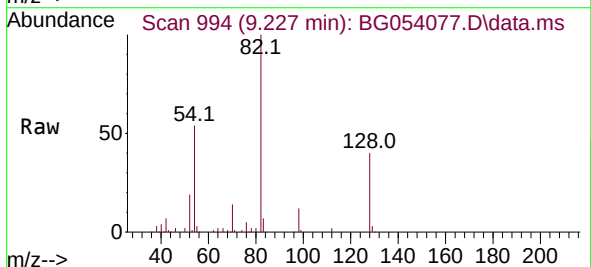
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-1

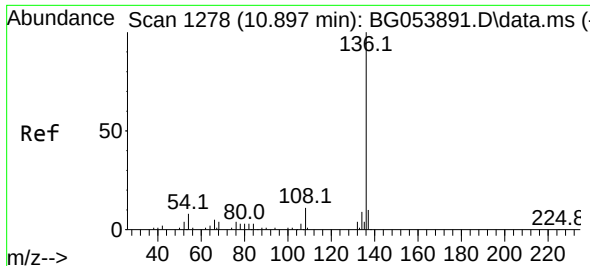
Tgt Ion: 99 Resp: 226565
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 37.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.617 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.352 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

Tgt Ion: 70 Resp: 23358
Ion Ratio Lower Upper
70 100
42 53.9 47.3 70.9
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#

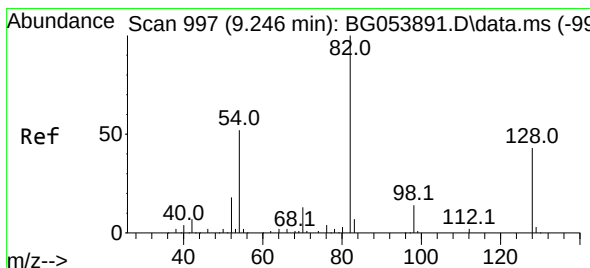
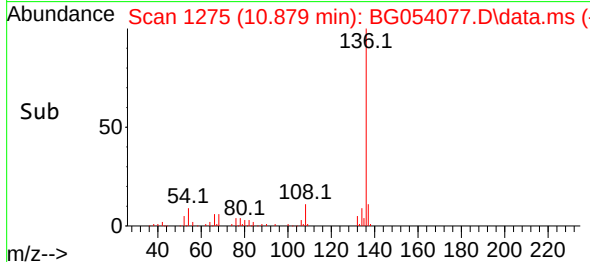
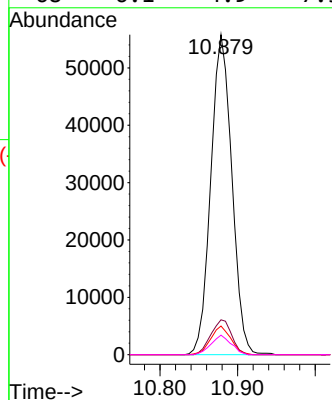
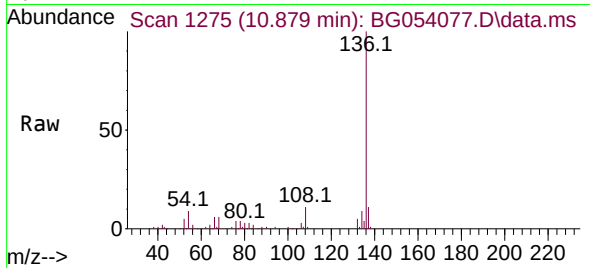




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

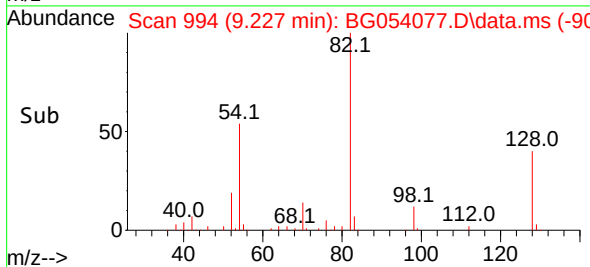
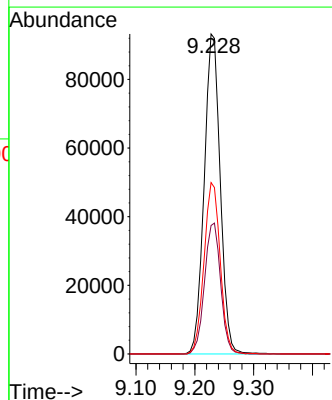
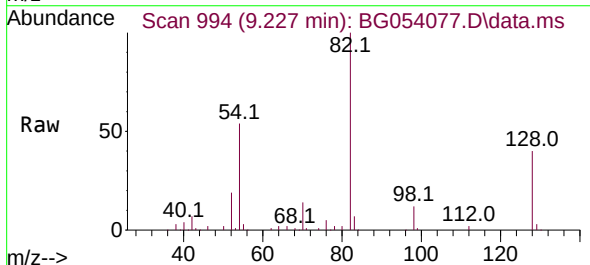
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-1

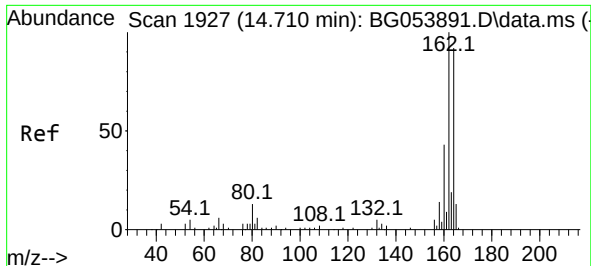
Tgt Ion:	136	Resp:	105181
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.9	7.4	11.2
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 94.421 ng
RT: 9.227 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

Tgt Ion:	82	Resp:	176725
Ion	Ratio	Lower	Upper
82	100		
128	40.1	27.9	41.9
54	53.6	41.2	61.8

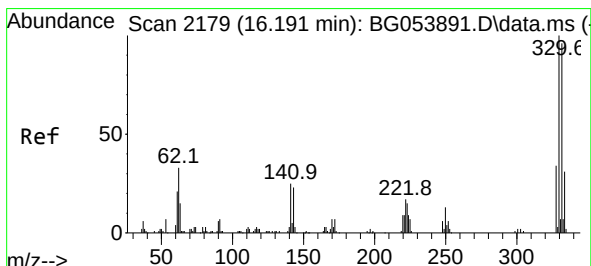
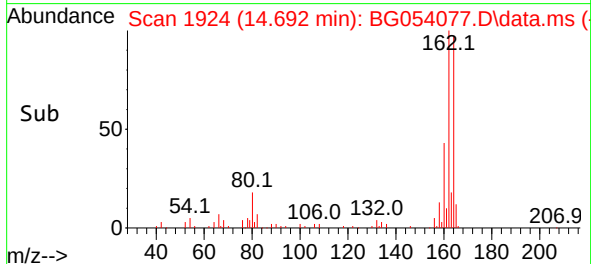
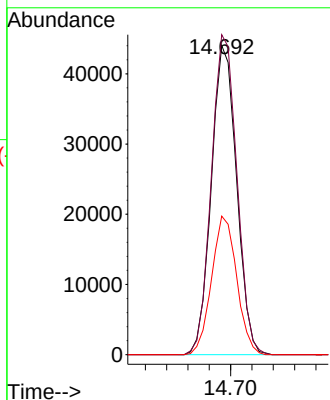
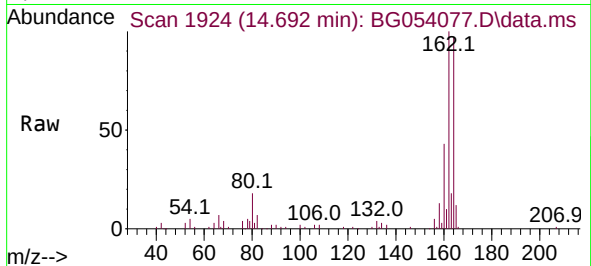




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

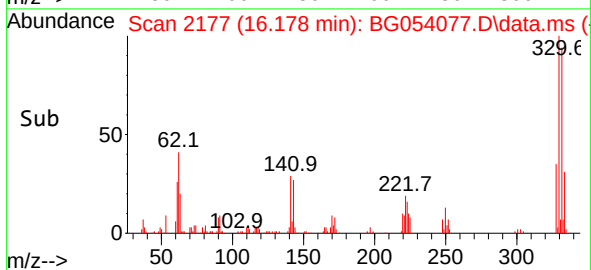
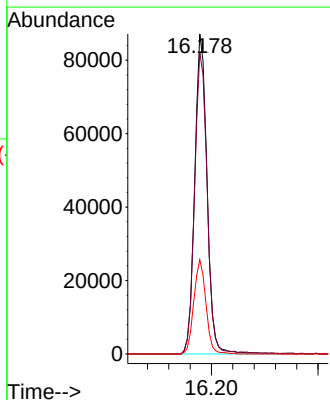
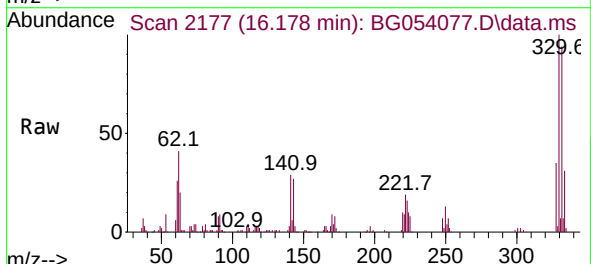
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-1

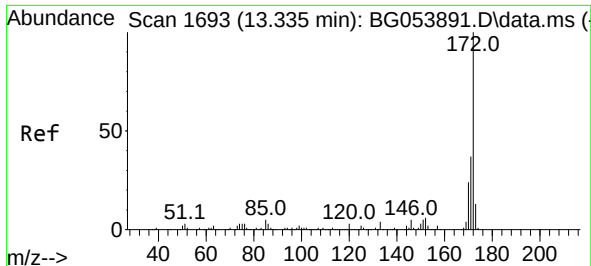
Tgt Ion:164 Resp: 72400
Ion Ratio Lower Upper
164 100
162 103.5 82.3 123.5
160 44.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 120.239 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

Tgt Ion:330 Resp: 139866
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 28.8 27.1 40.7

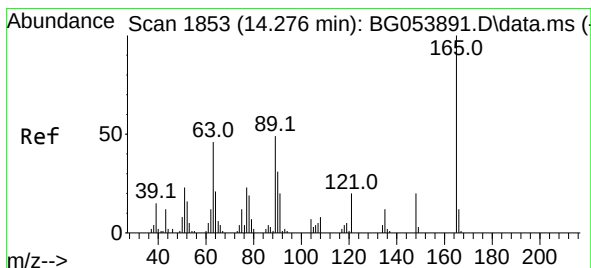
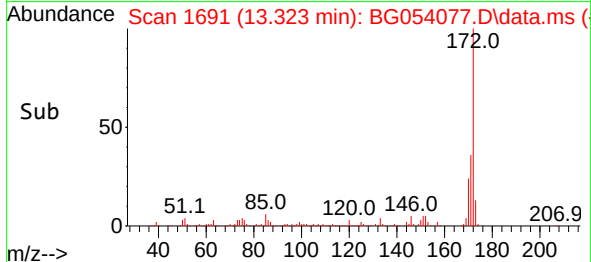
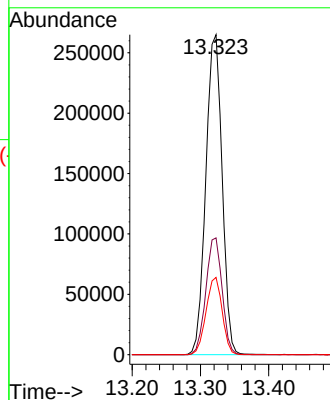
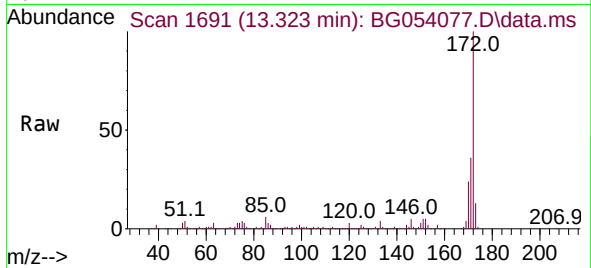




#45
2-Fluorobiphenyl
Concen: 88.481 ng
RT: 13.323 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

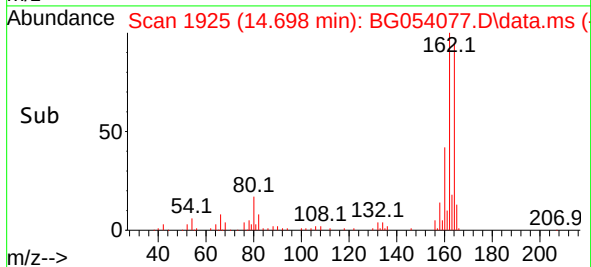
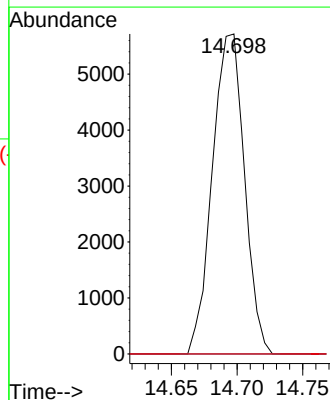
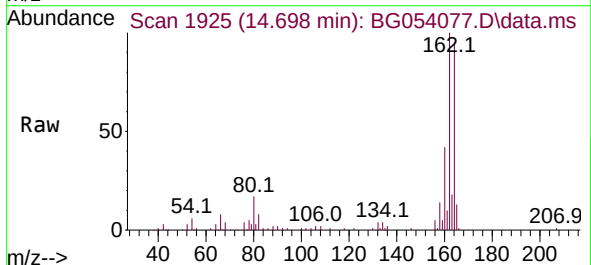
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-1

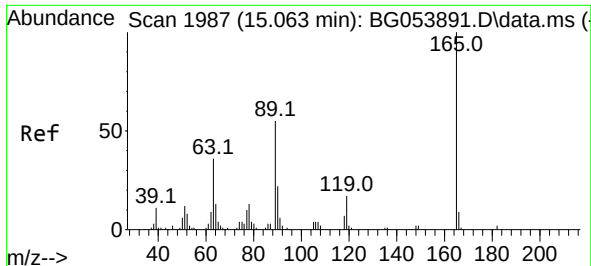
Tgt Ion:172 Resp: 440540
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.731 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.434 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

Tgt Ion:165 Resp: 9727
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

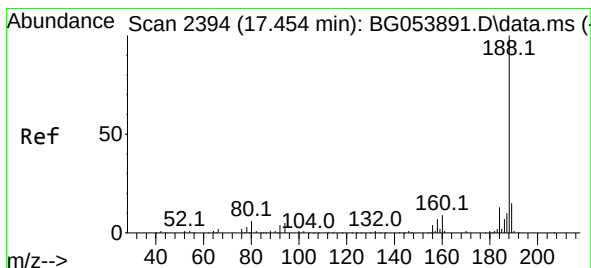
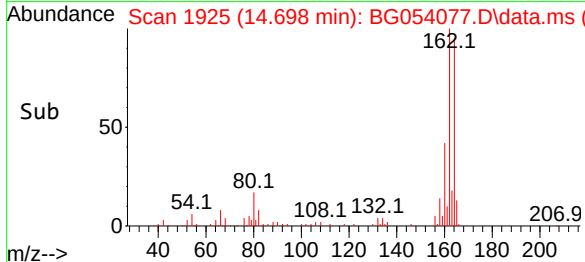
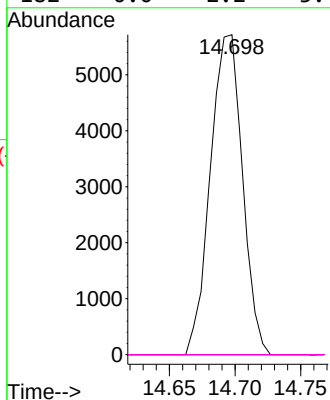
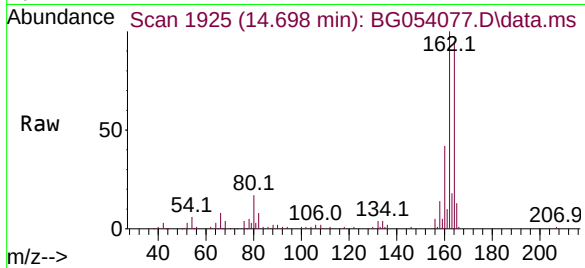




#57
2,4-Dinitrotoluene
Concen: 6.182 ng
RT: 14.698 min Scan# 1987
Delta R.T. -0.353 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

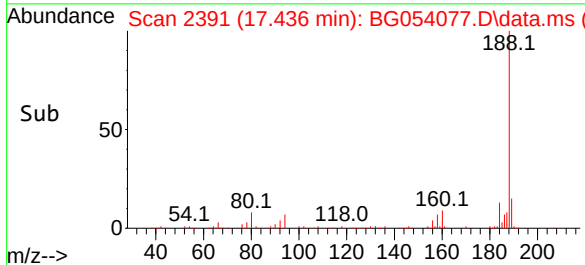
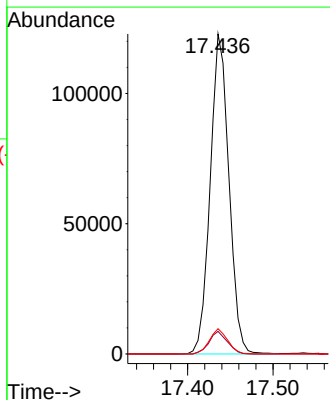
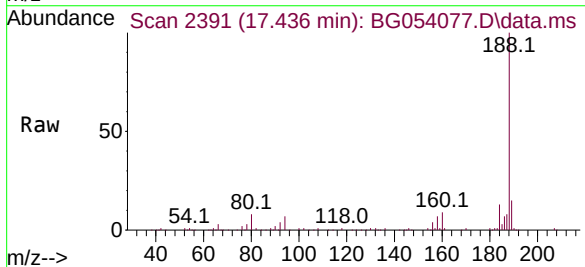
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-1

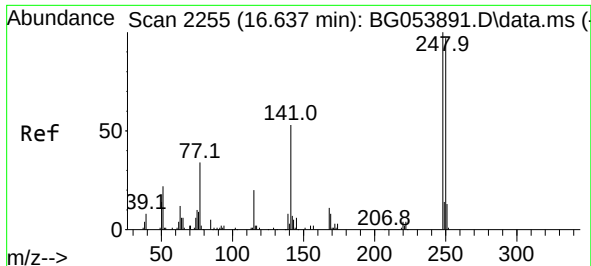
Tgt Ion:165	Resp:	9727
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

Tgt Ion:188	Resp:	187337
Ion Ratio	Lower	Upper
188	100	
94	7.0	5.4
80	7.9	6.8





#67

4-Bromophenyl-phenylether

Concen: 3.999 ng

RT: 16.178 min Scan# 21

Delta R.T. -0.447 min

Lab File: BG054077.D

Acq: 26 Jun 2022 17:55

Instrument :

BNA_G

ClientSampleId :

SP-EXC-2-1

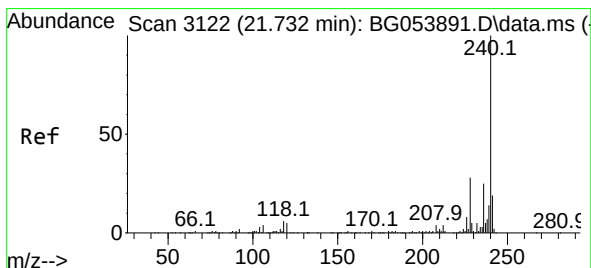
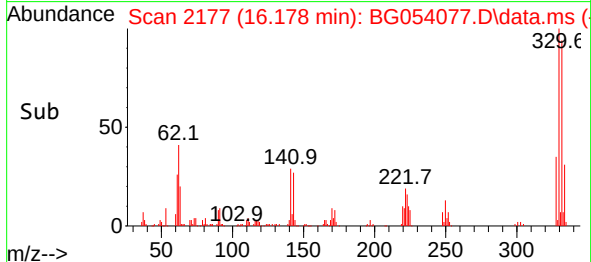
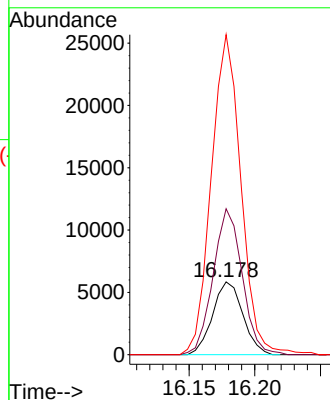
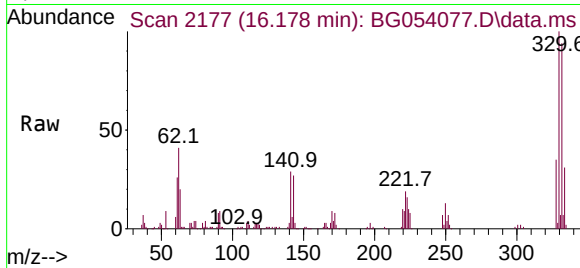
Tgt Ion:248 Resp: 9357

Ion Ratio Lower Upper

248 100

250 157.6 75.2 112.8#

141 345.8 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.713 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BG054077.D

Acq: 26 Jun 2022 17:55

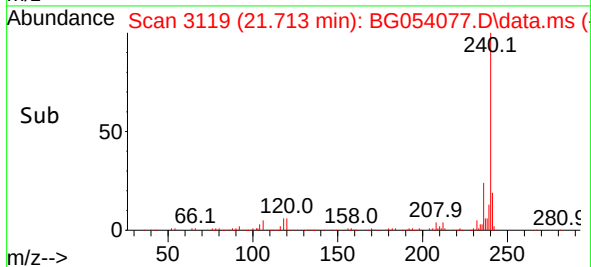
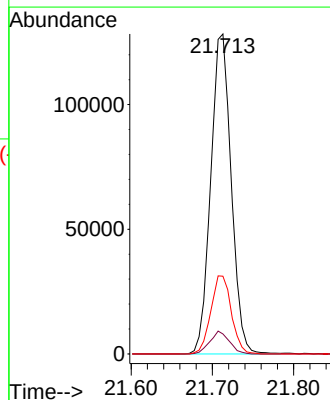
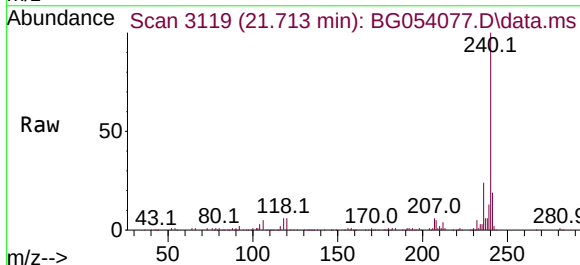
Tgt Ion:240 Resp: 224541

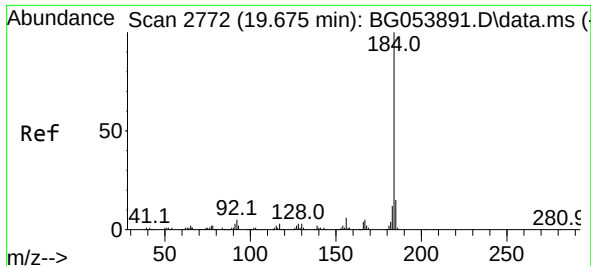
Ion Ratio Lower Upper

240 100

120 6.3 4.6 7.0

236 24.3 20.2 30.4

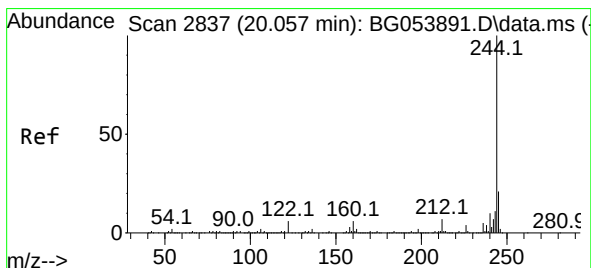
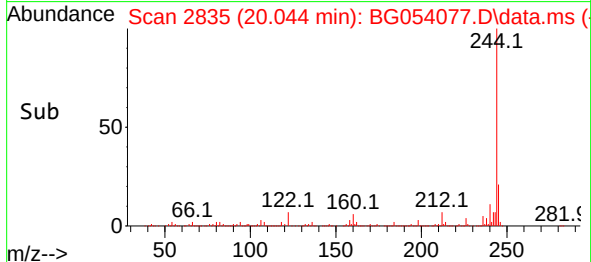
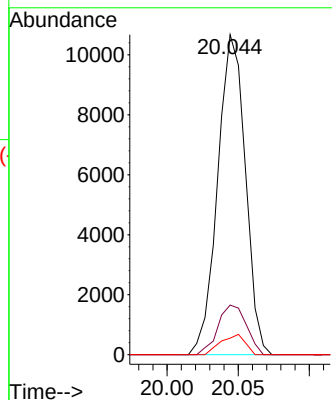
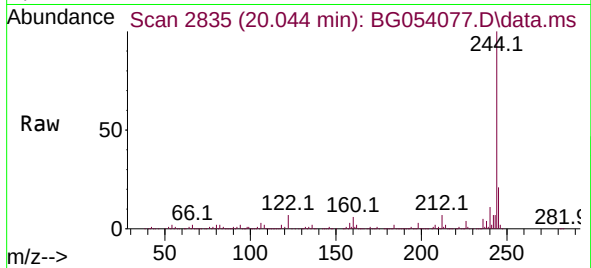




#77
Benzidine
Concen: 3.106 ng
RT: 20.044 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

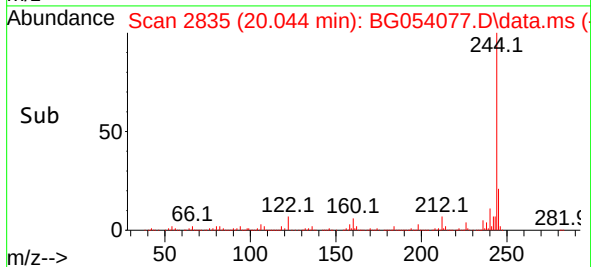
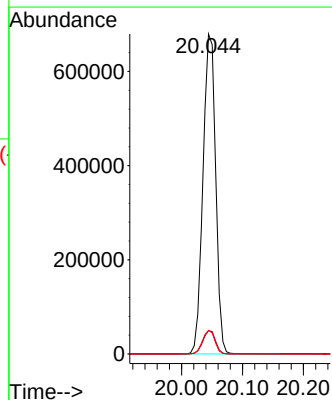
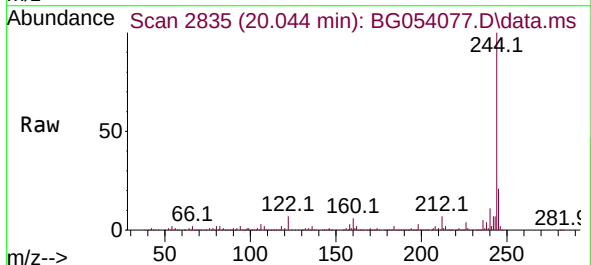
Instrument :
BNA_G
ClientSampleId :
SP-EXC-2-1

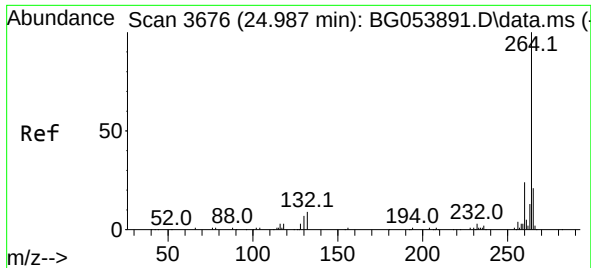
Tgt Ion:184 Resp: 14442
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.6
183 5.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 87.961 ng
RT: 20.044 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BG054077.D
Acq: 26 Jun 2022 17:55

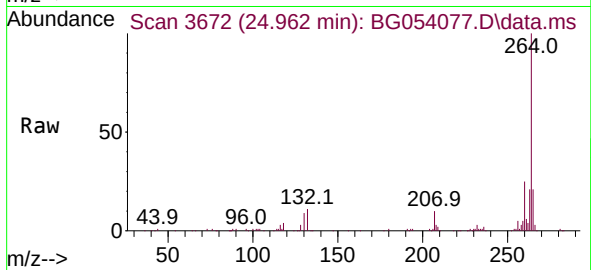
Tgt Ion:244 Resp: 980643
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 7.4 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.962 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG054077.D
 Acq: 26 Jun 2022 17:55

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-2-1



Tgt Ion:264 Resp: 182943
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.6
 265 20.9 17.4 26.2

