

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054073.D
 Acq On : 26 Jun 2022 15:16
 Operator : CG/JU
 Sample : PB145765TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145765TB

Quant Time: Jun 27 00:29:16 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)

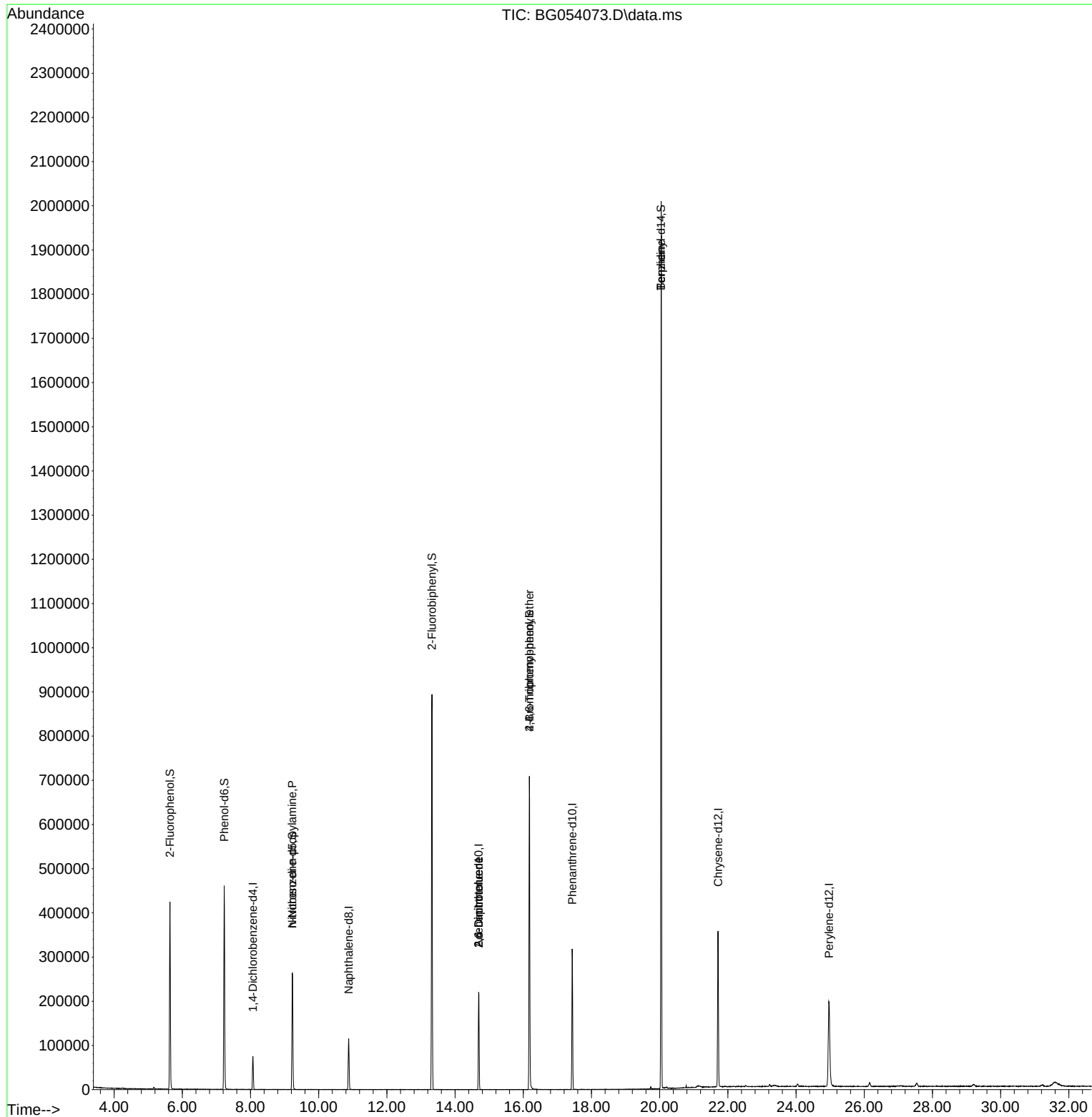
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	23917	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	106774	20.000	ng	0.00
39) Acenaphthene-d10	14.693	164	87285	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	227313	20.000	ng	0.00
76) Chrysene-d12	21.714	240	249220	20.000	ng	0.00
86) Perylene-d12	24.969	264	248653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	197448	157.839	ng	0.00
7) Phenol-d6	7.231	99	276758	163.086	ng	0.00
23) Nitrobenzene-d5	9.228	82	174337	91.755	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	161915	115.457	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	509819	84.934	ng	0.00
79) Terphenyl-d14	20.045	244	1117478	90.309	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.228	70	23048	20.216	ng	# 80
51) 2,6-Dinitrotoluene	14.693	165	12019	8.949	ng	# 16
57) 2,4-Dinitrotoluene	14.693	165	12019	6.336	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	10700	3.769	ng	# 1
77) Benzidine	20.045	184	15517	3.007	ng	# 96

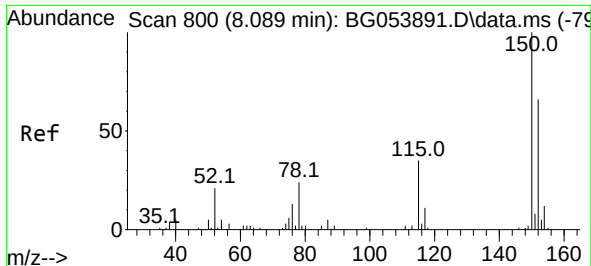
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
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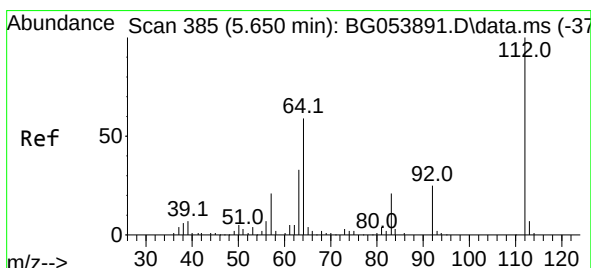
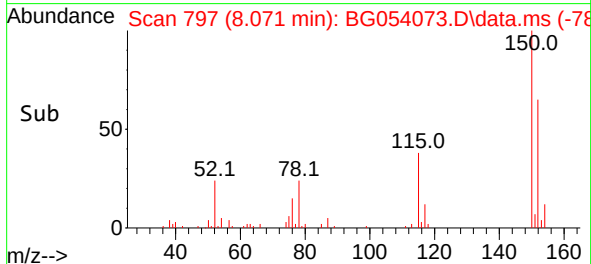
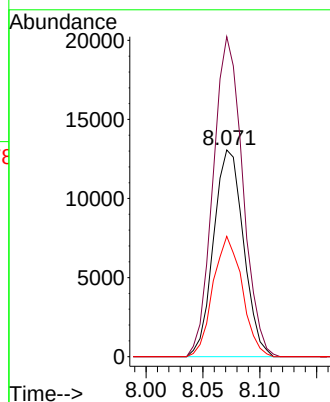
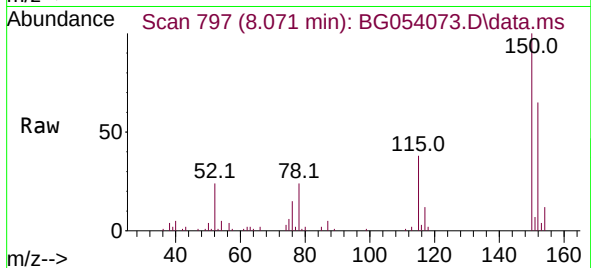




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

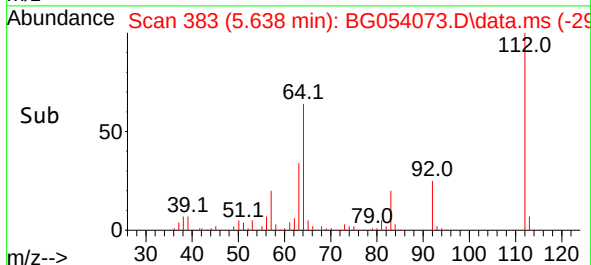
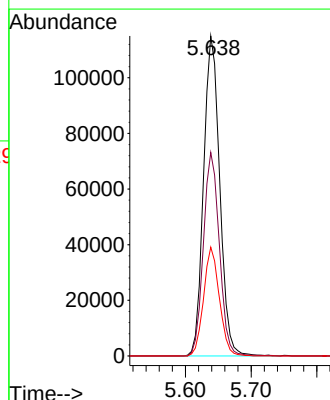
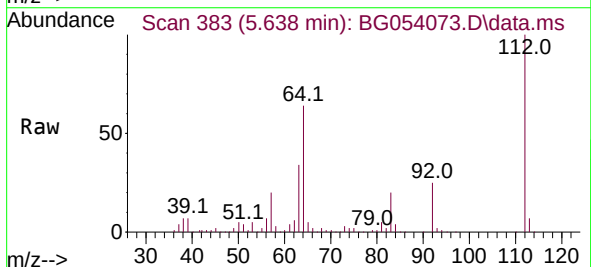
Instrument :
BNA_G
ClientSampleId :
PB145765TB

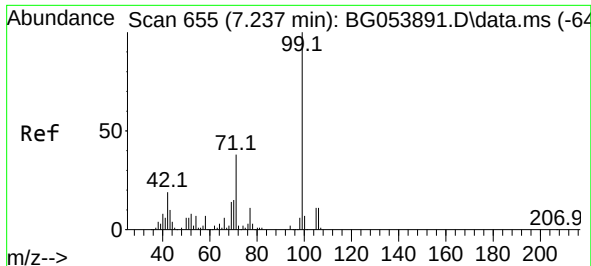
Tgt Ion:152 Resp: 23917
Ion Ratio Lower Upper
152 100
150 154.8 131.6 197.4
115 58.2 50.9 76.3



#5
2-Fluorophenol
Concen: 157.839 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

Tgt Ion:112 Resp: 197448
Ion Ratio Lower Upper
112 100
64 63.6 55.1 82.7
63 34.0 30.4 45.6

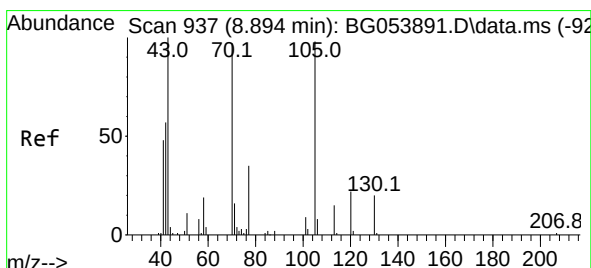
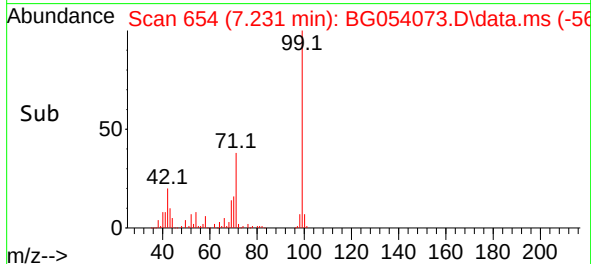
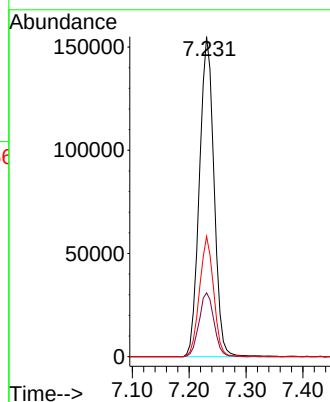
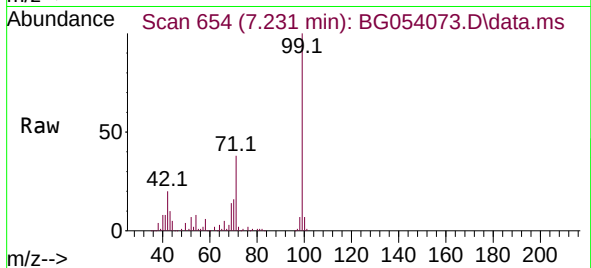




#7
Phenol-d6
Concen: 163.086 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

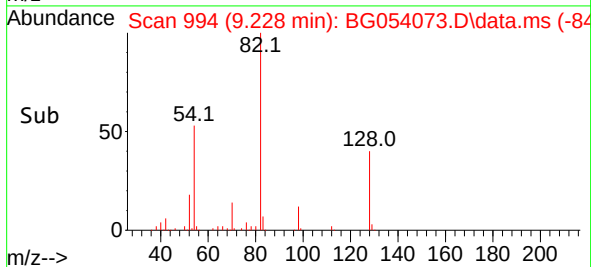
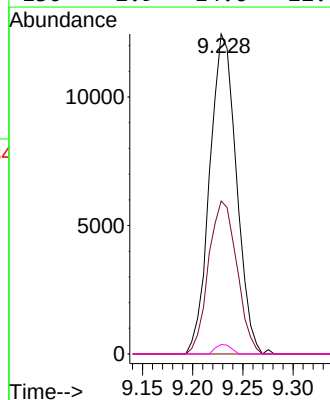
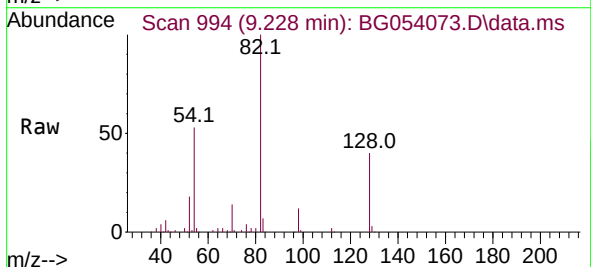
Instrument :
BNA_G
ClientSampleId :
PB145765TB

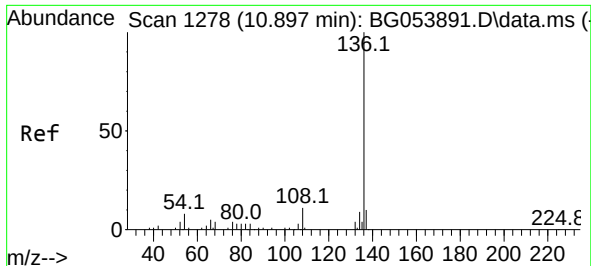
Tgt Ion: 99 Resp: 276758
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 37.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.216 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

Tgt Ion: 70 Resp: 23048
Ion Ratio Lower Upper
70 100
42 47.8 47.3 70.9
101 0.0 7.0 10.4#
130 2.9 14.6 22.0#

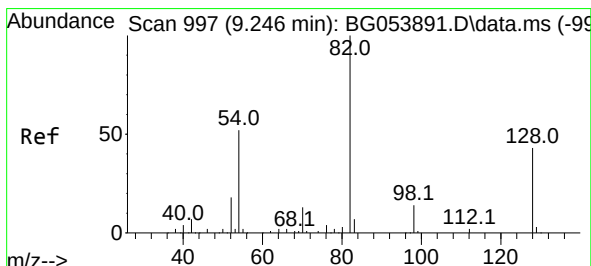
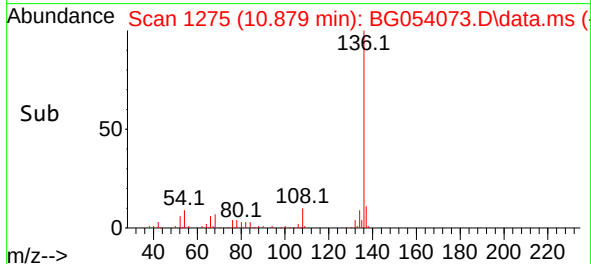
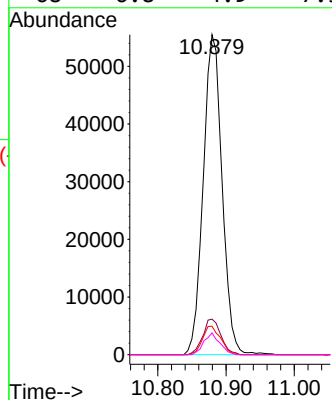
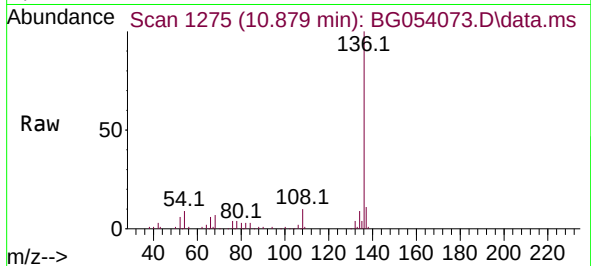




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

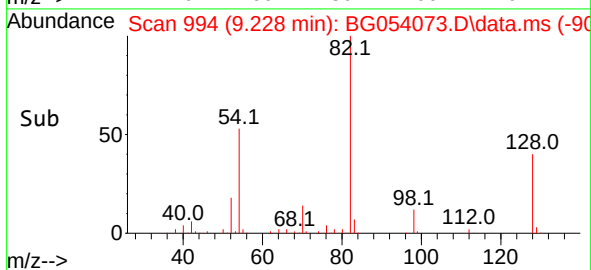
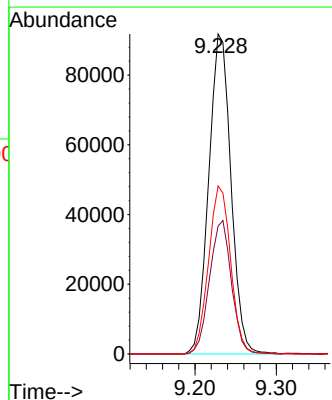
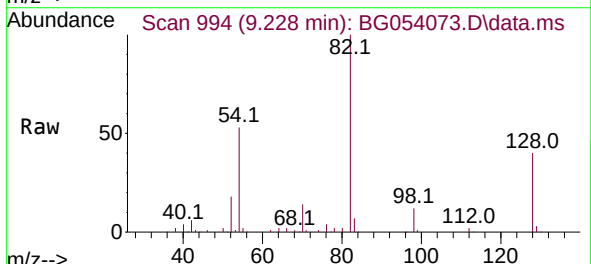
Instrument :
BNA_G
ClientSampleId :
PB145765TB

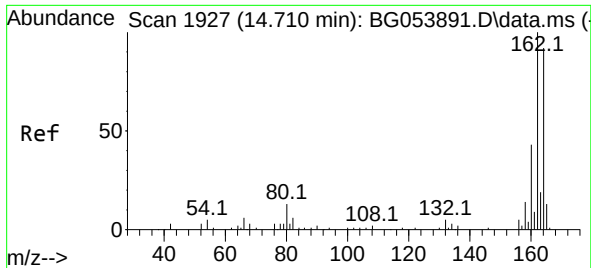
Tgt Ion:	136	Resp:	106774
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.9	7.4	11.2
68	6.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.755 ng
RT: 9.228 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

Tgt Ion:	82	Resp:	174337
Ion	Ratio	Lower	Upper
82	100		
128	39.9	27.9	41.9
54	52.5	41.2	61.8

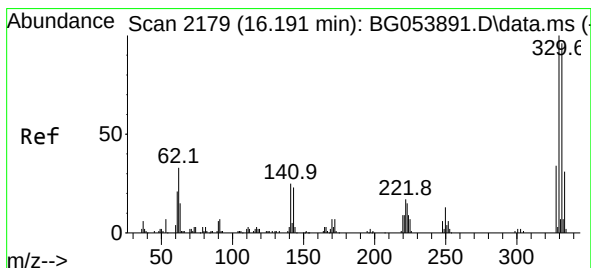
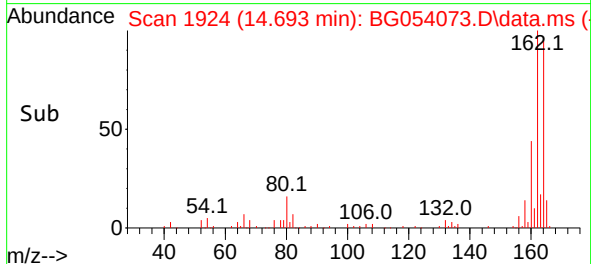
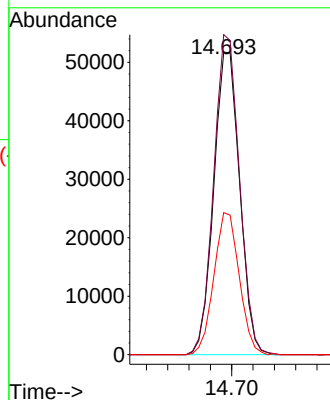
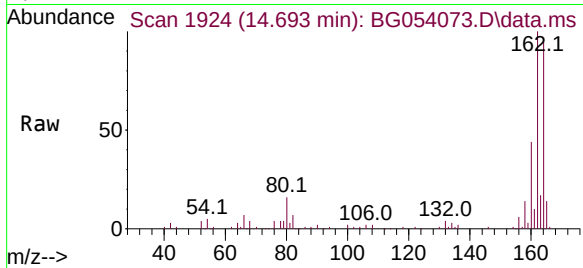




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.693 min Scan# 1924
 Delta R.T. -0.005 min
 Lab File: BG054073.D
 Acq: 26 Jun 2022 15:16

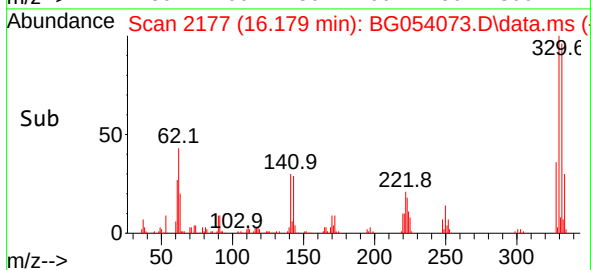
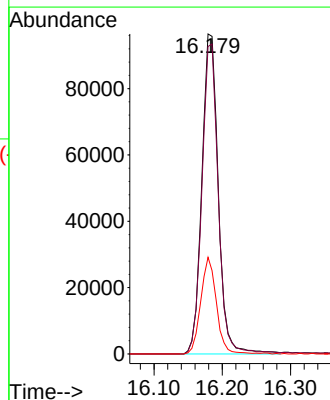
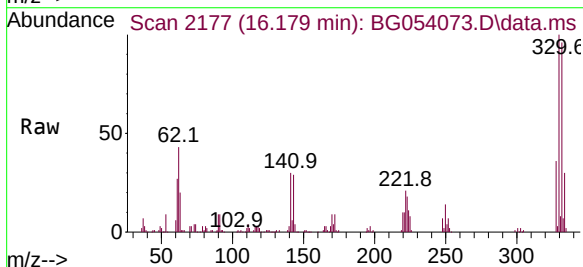
Instrument :
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 ClientSampleId :
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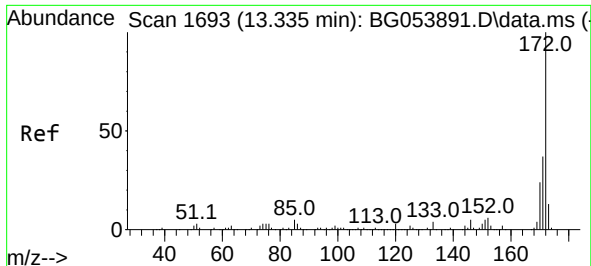
Tgt Ion:164 Resp: 87285
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.3 123.5
 160 46.9 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 115.457 ng
 RT: 16.179 min Scan# 2177
 Delta R.T. -0.005 min
 Lab File: BG054073.D
 Acq: 26 Jun 2022 15:16

Tgt Ion:330 Resp: 161915
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.0 114.0
 141 28.6 27.1 40.7

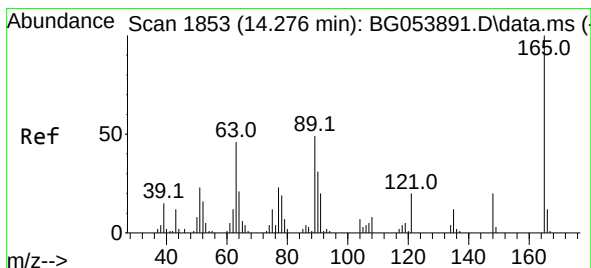
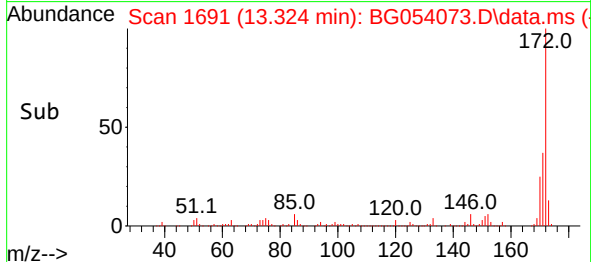
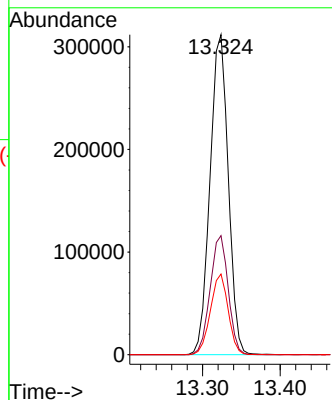
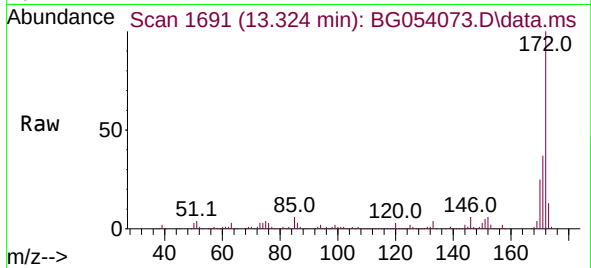




#45
2-Fluorobiphenyl
Concen: 84.934 ng
RT: 13.324 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

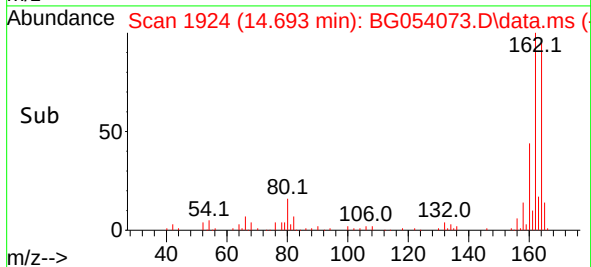
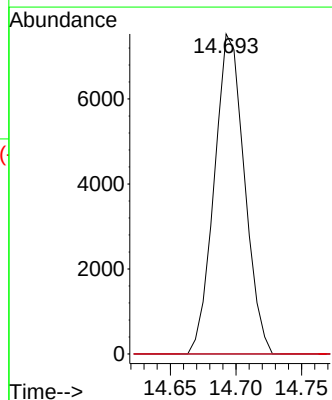
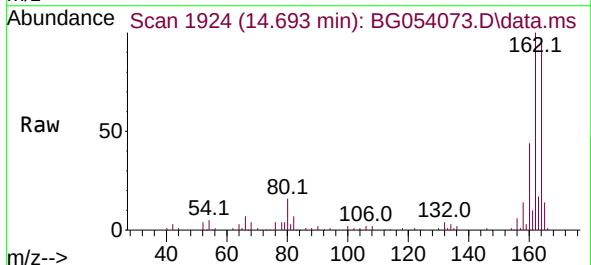
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ClientSampleId :
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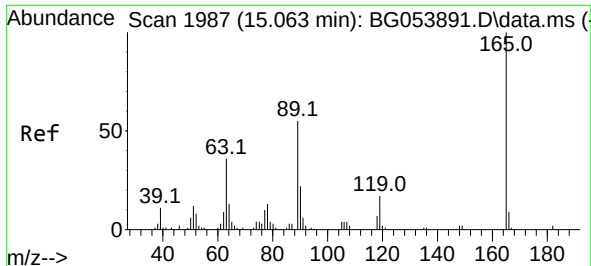
Tgt Ion:172 Resp: 509819
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 25.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.949 ng
RT: 14.693 min Scan# 1924
Delta R.T. 0.429 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

Tgt Ion:165 Resp: 12019
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: 6.336 ng

RT: 14.693 min Scan# 1987

Delta R.T. -0.358 min

Lab File: BG054073.D

Acq: 26 Jun 2022 15:16

Instrument :

BNA_G

ClientSampleId :

PB145765TB

Tgt Ion:165 Resp: 12019

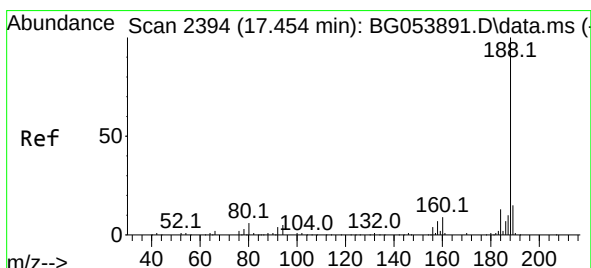
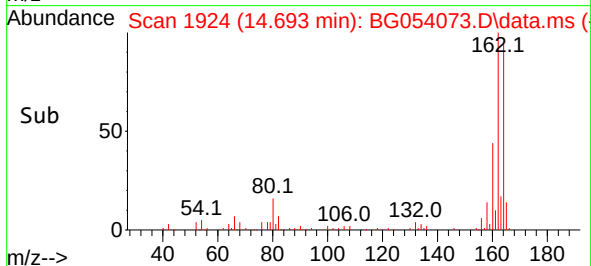
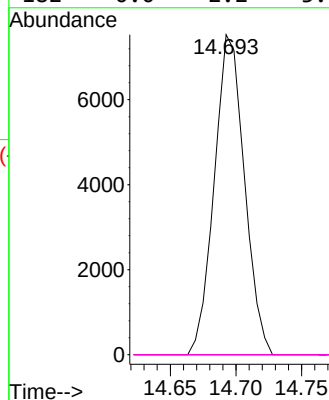
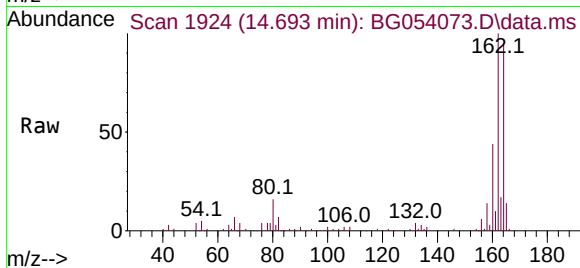
Ion Ratio Lower Upper

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: 17.436 min Scan# 2391

Delta R.T. -0.005 min

Lab File: BG054073.D

Acq: 26 Jun 2022 15:16

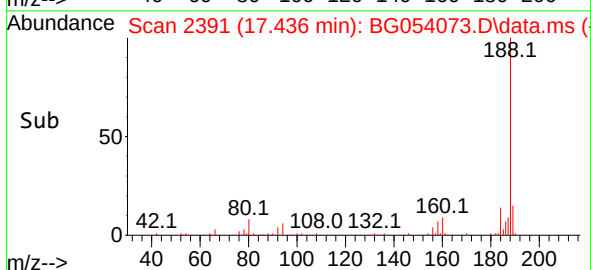
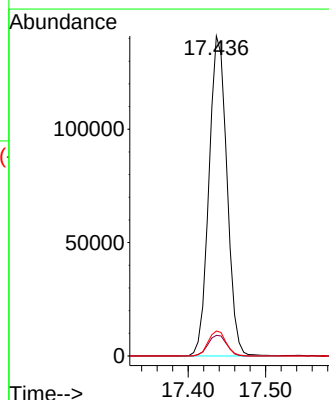
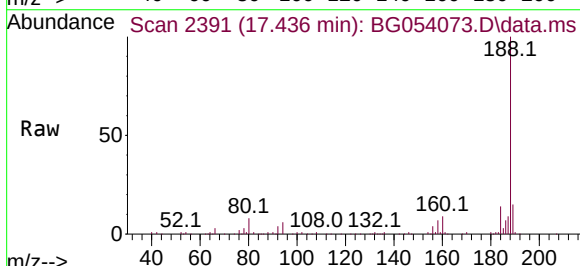
Tgt Ion:188 Resp: 227313

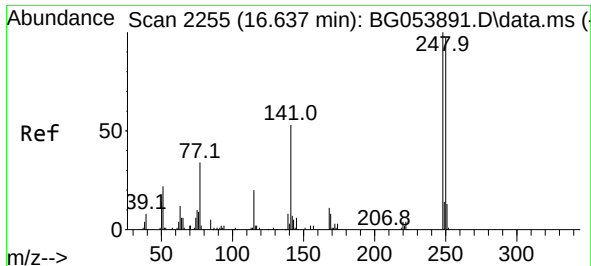
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.8 6.8 10.2

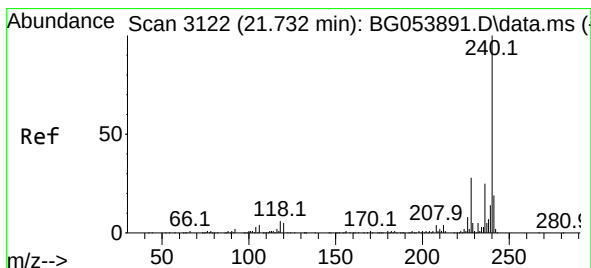
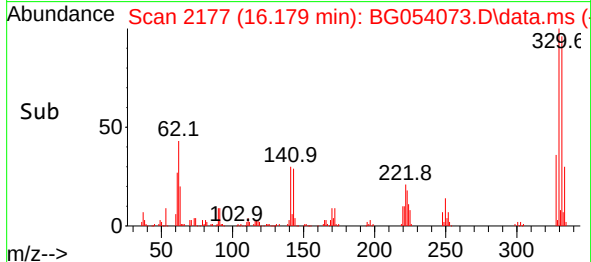
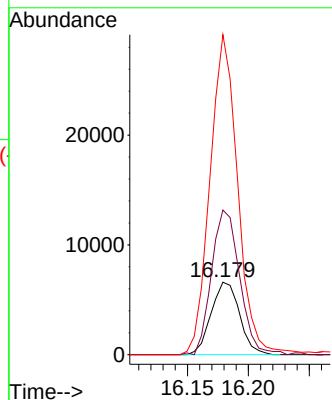
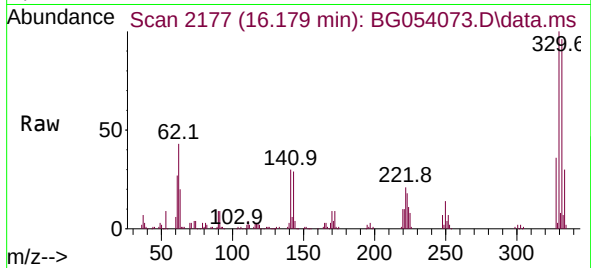




#67
4-Bromophenyl-phenylether
Concen: 3.769 ng
RT: 16.179 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

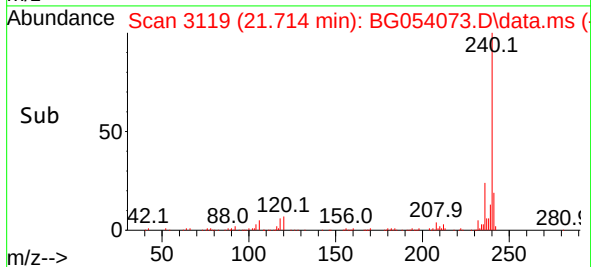
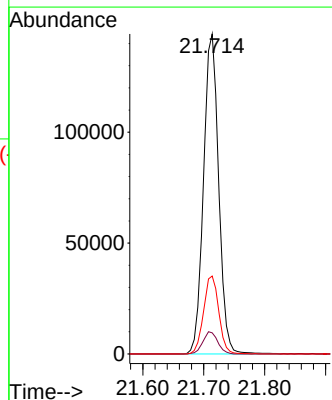
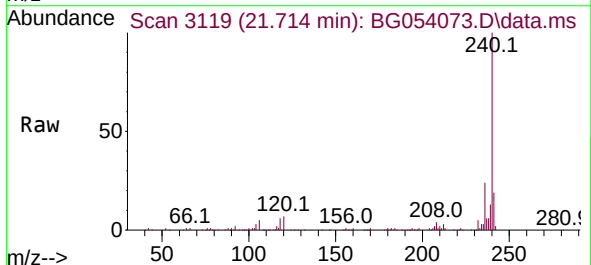
Instrument :
BNA_G
ClientSampleId :
PB145765TB

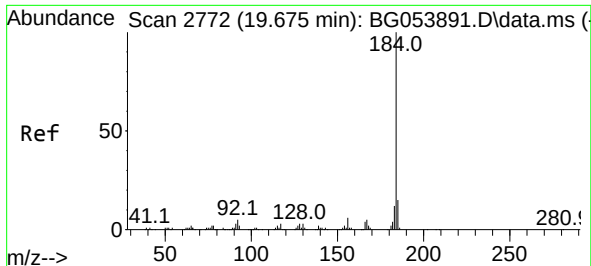
Tgt Ion:248 Resp: 10700
Ion Ratio Lower Upper
248 100
250 152.9 75.2 112.8#
141 338.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

Tgt Ion:240 Resp: 249220
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 24.4 20.2 30.4

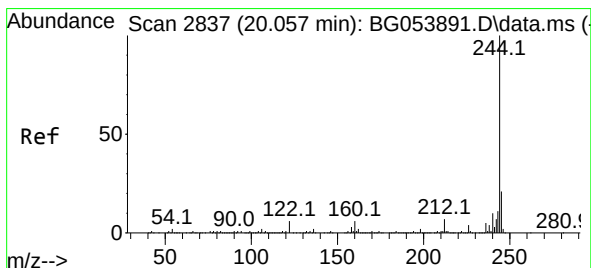
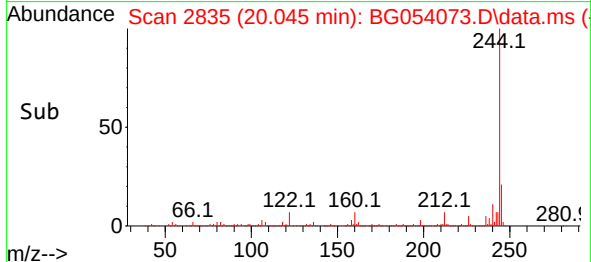
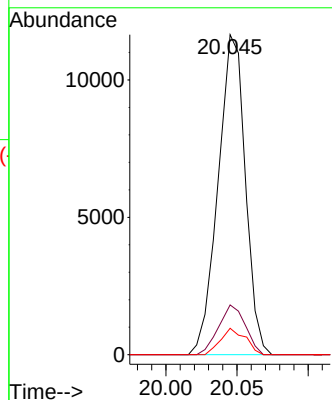
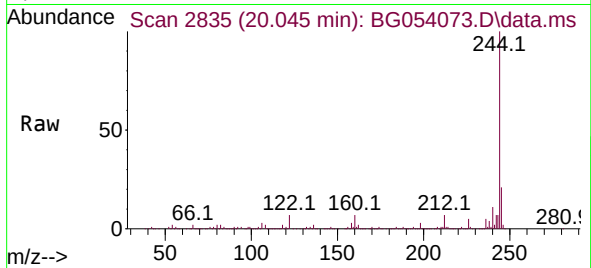




#77
Benzidine
Concen: 3.007 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.382 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

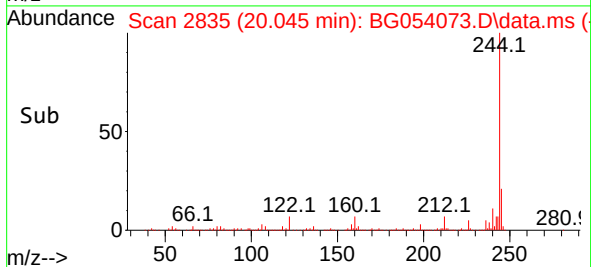
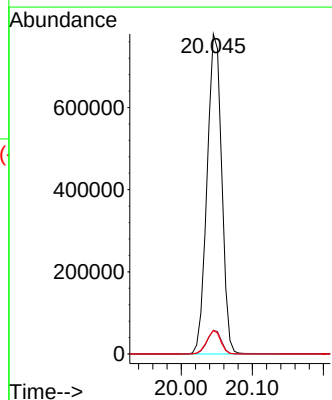
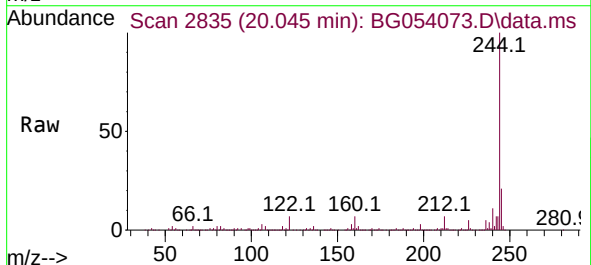
Instrument :
BNA_G
ClientSampleId :
PB145765TB

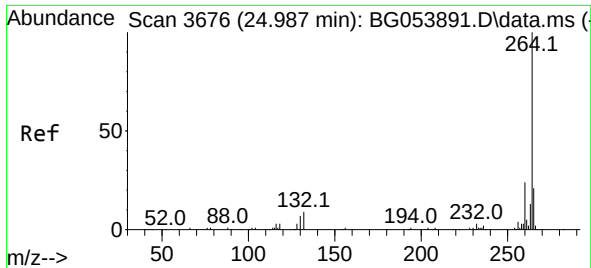
Tgt Ion:184 Resp: 15517
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 8.3 8.9 13.3#



#79
Terphenyl-d14
Concen: 90.309 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.001 min
Lab File: BG054073.D
Acq: 26 Jun 2022 15:16

Tgt Ion:244 Resp: 1117478
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.3 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.969 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG054073.D
 Acq: 26 Jun 2022 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB145765TB

Tgt Ion:264 Resp: 248653
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.8 17.4 26.2

