

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054156.D
 Acq On : 29 Jun 2022 22:14
 Operator : CG/JU
 Sample : N3531-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-2

Quant Time: Jun 29 22:47:28 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)

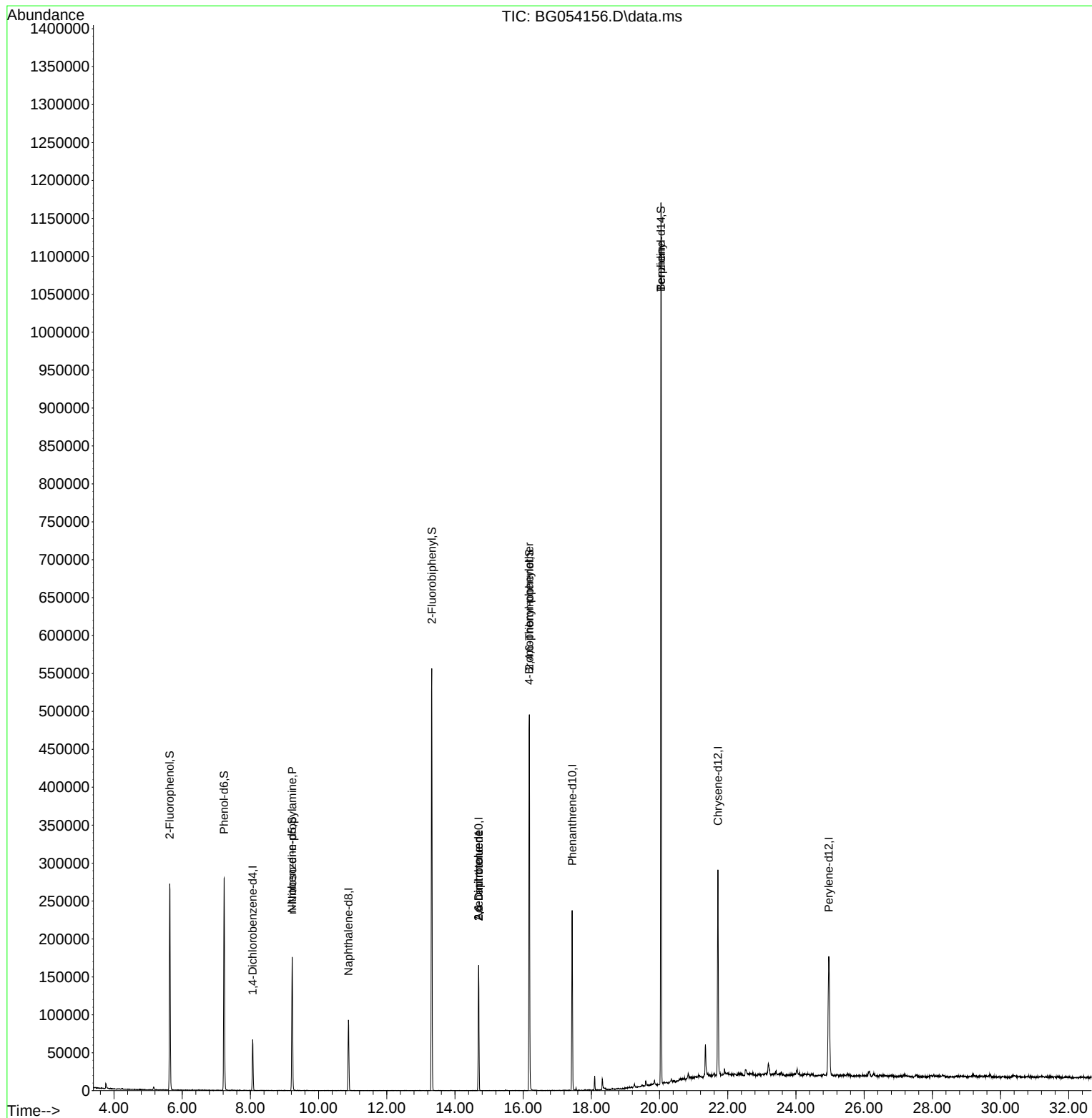
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	20943	20.000	ng	0.00
21) Naphthalene-d8	10.875	136	85613	20.000	ng	0.00
39) Acenaphthene-d10	14.694	164	65440	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	171326	20.000	ng	# 0.00
76) Chrysene-d12	21.709	240	185930	20.000	ng	0.00
86) Perylene-d12	24.964	264	188916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	130157	118.822	ng	0.00
7) Phenol-d6	7.226	99	172195	115.879	ng	0.00
23) Nitrobenzene-d5	9.224	82	114408	75.097	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	124021	117.957	ng	0.00
45) 2-Fluorobiphenyl	13.319	172	323680	71.924	ng	0.00
79) Terphenyl-d14	20.047	244	696322	75.429	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.230	70	15715	15.741	ng	# 77
51) 2,6-Dinitrotoluene	14.694	165	9141	9.078	ng	# 16
57) 2,4-Dinitrotoluene	14.694	165	9141	6.428	ng	# 21
67) 4-Bromophenyl-phenylether	16.175	248	7874	3.680	ng	# 1
77) Benzidine	20.047	184	9176	2.383	ng	# 93

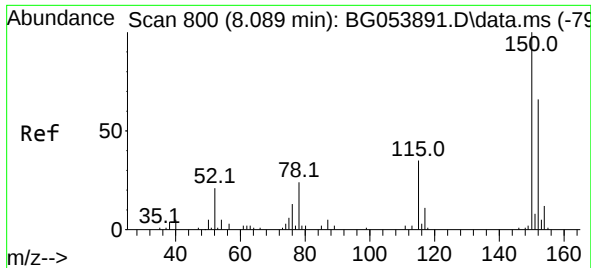
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
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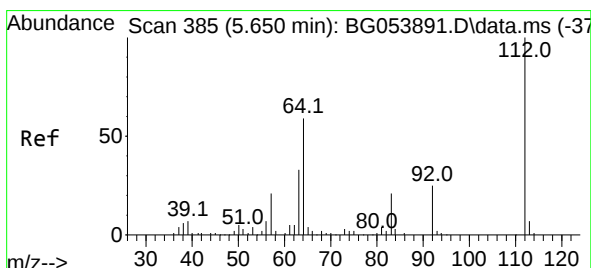
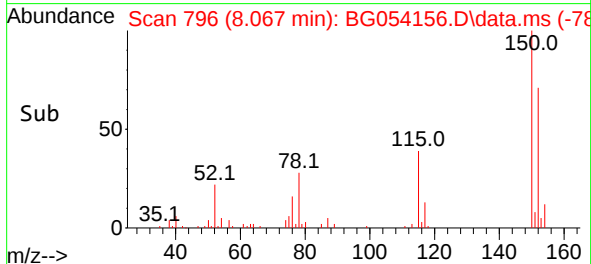
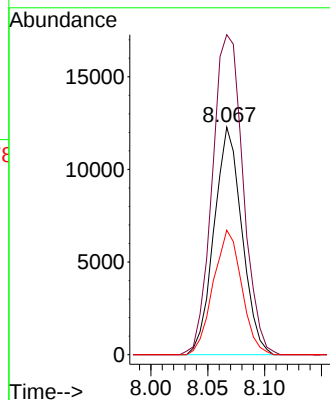
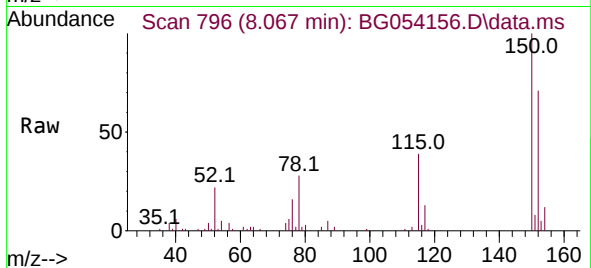




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.067 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

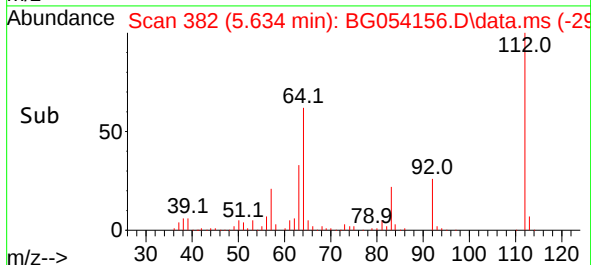
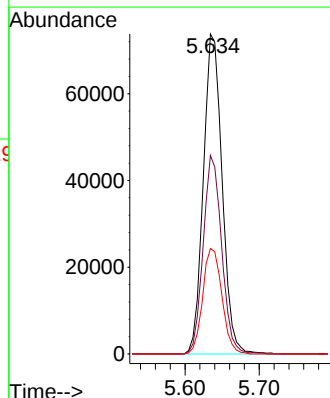
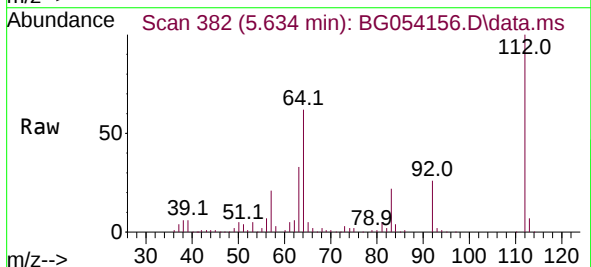
Instrument :
BNA_G
ClientSampleId :
W-2

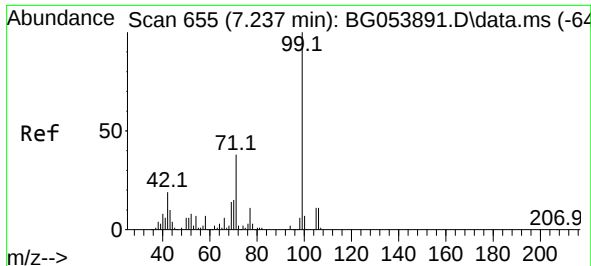
Tgt Ion:152 Resp: 20943
Ion Ratio Lower Upper
152 100
150 140.6 131.6 197.4
115 54.7 50.9 76.3



#5
2-Fluorophenol
Concen: 118.822 ng
RT: 5.634 min Scan# 382
Delta R.T. -0.004 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

Tgt Ion:112 Resp: 130157
Ion Ratio Lower Upper
112 100
64 62.0 55.1 82.7
63 33.0 30.4 45.6

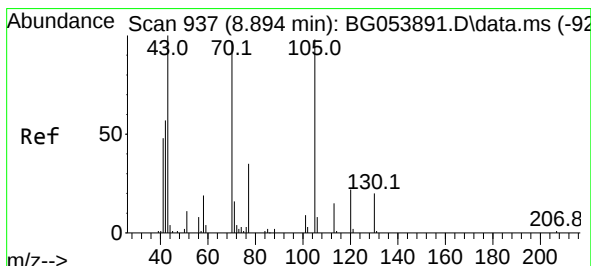
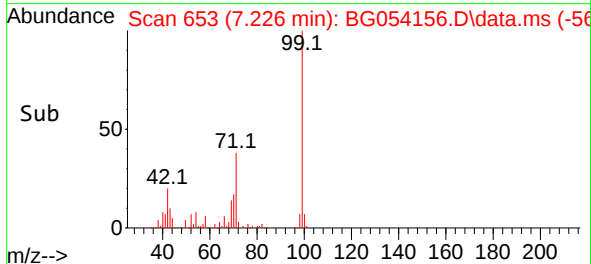
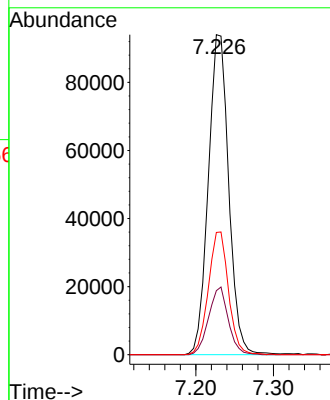
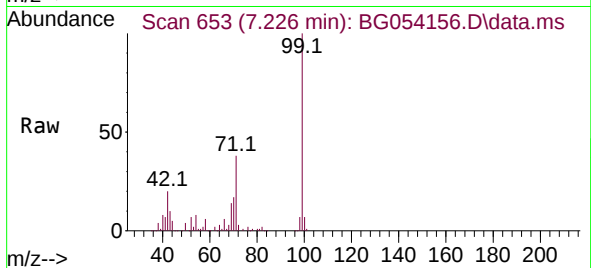




#7
Phenol-d6
Concen: 115.879 ng
RT: 7.226 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

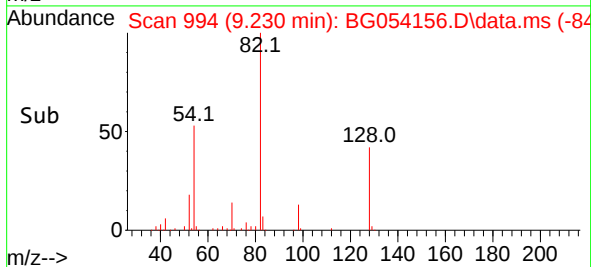
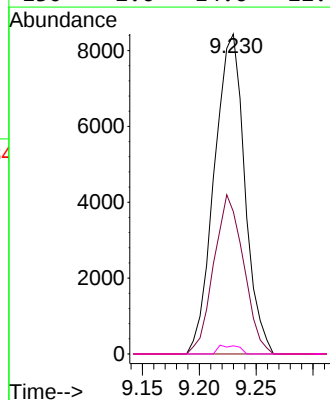
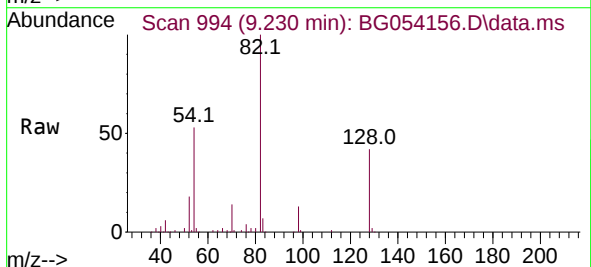
Instrument :
BNA_G
ClientSampleId :
W-2

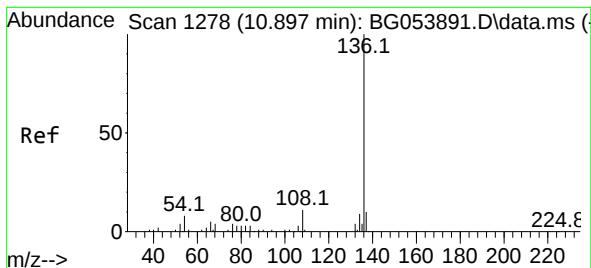
Tgt Ion: 99 Resp: 172195
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 38.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.741 ng
RT: 9.230 min Scan# 994
Delta R.T. 0.355 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

Tgt Ion: 70 Resp: 15715
Ion Ratio Lower Upper
70 100
42 44.5 47.3 70.9#
101 0.0 7.0 10.4#
130 2.6 14.6 22.0#

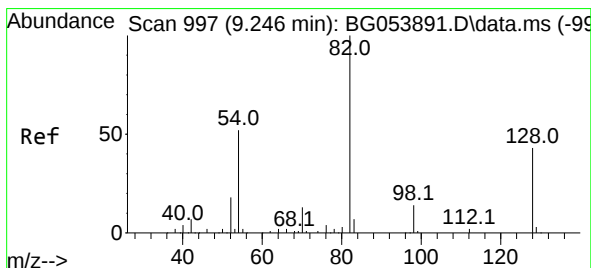
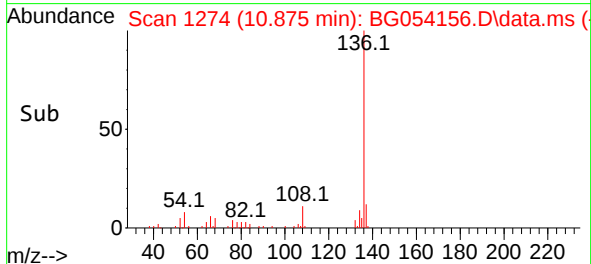
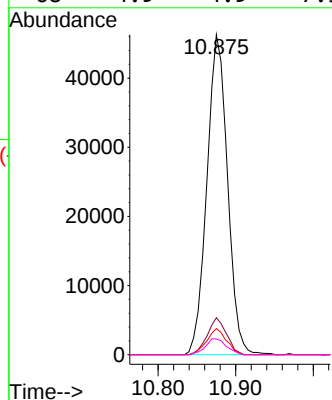
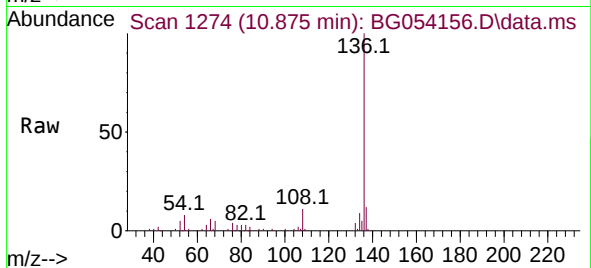




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

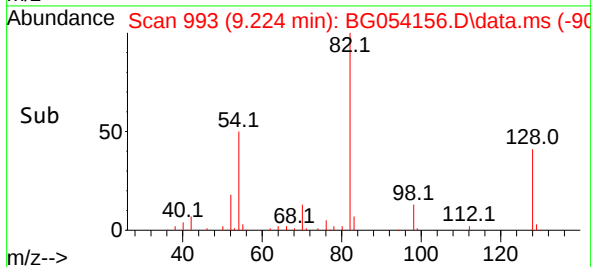
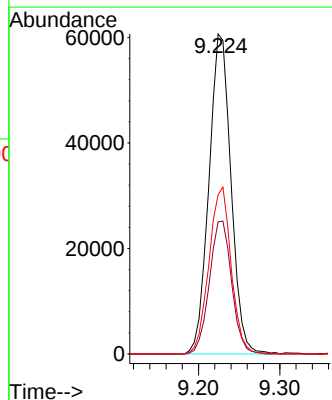
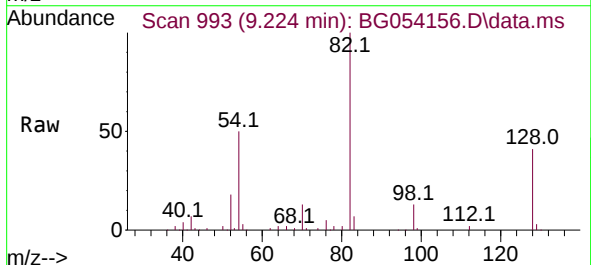
Instrument :
BNA_G
ClientSampleId :
W-2

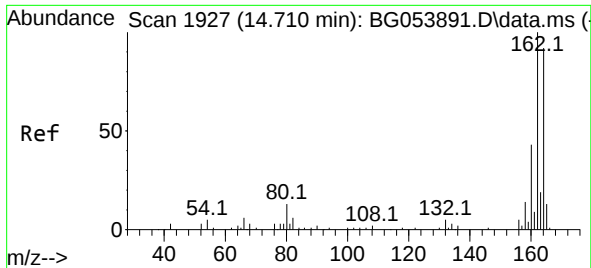
Tgt Ion:	136	Resp:	85613
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	8.2	7.4	11.2
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 75.097 ng
RT: 9.224 min Scan# 993
Delta R.T. -0.010 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

Tgt Ion:	82	Resp:	114408
Ion	Ratio	Lower	Upper
82	100		
128	41.3	27.9	41.9
54	49.7	41.2	61.8

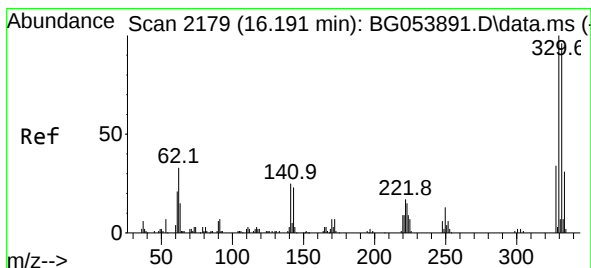
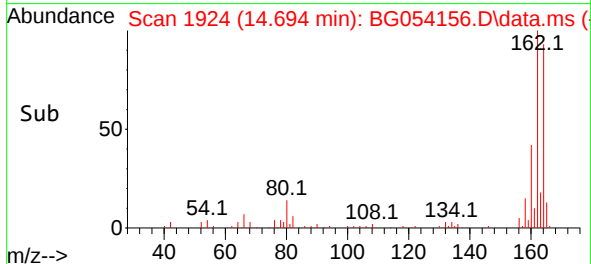
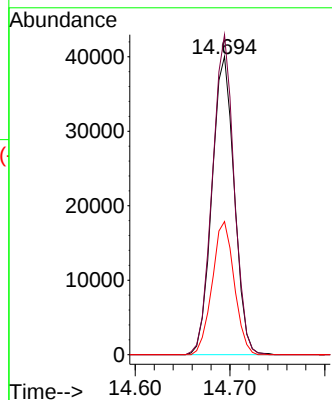
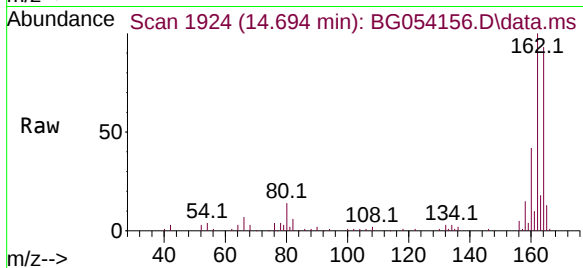




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.694 min Scan# 1924
 Delta R.T. -0.004 min
 Lab File: BG054156.D
 Acq: 29 Jun 2022 22:14

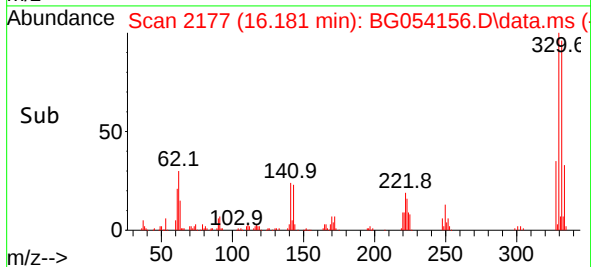
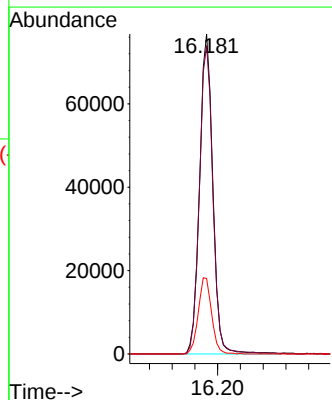
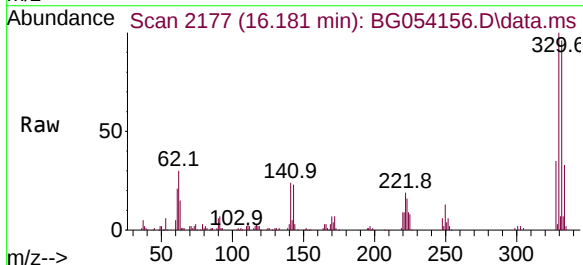
Instrument :
 BNA_G
 ClientSampleId :
 W-2

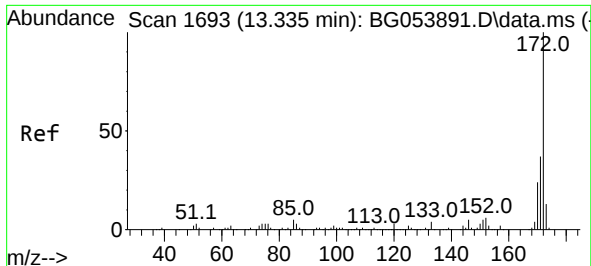
Tgt Ion:164 Resp: 65440
 Ion Ratio Lower Upper
 164 100
 162 107.3 82.3 123.5
 160 44.6 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 117.957 ng
 RT: 16.181 min Scan# 2177
 Delta R.T. -0.004 min
 Lab File: BG054156.D
 Acq: 29 Jun 2022 22:14

Tgt Ion:330 Resp: 124021
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.0 114.0
 141 24.1 27.1 40.7#

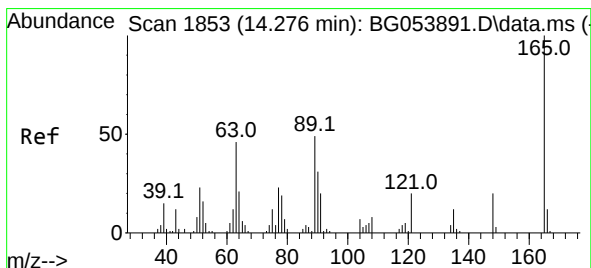
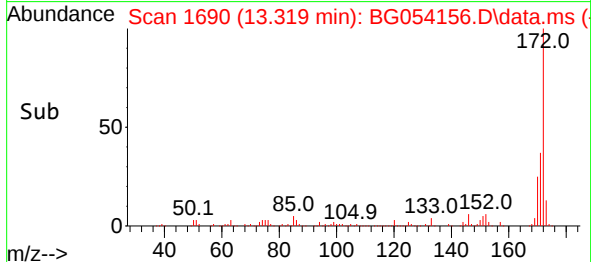
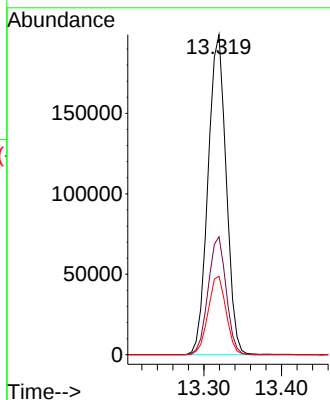
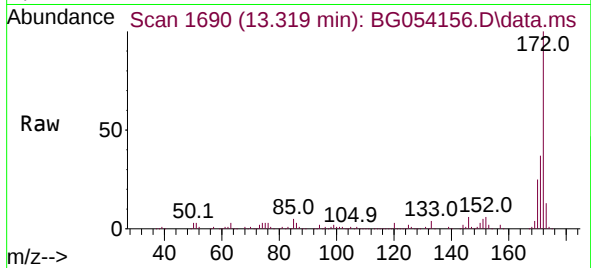




#45
2-Fluorobiphenyl
Concen: 71.924 ng
RT: 13.319 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

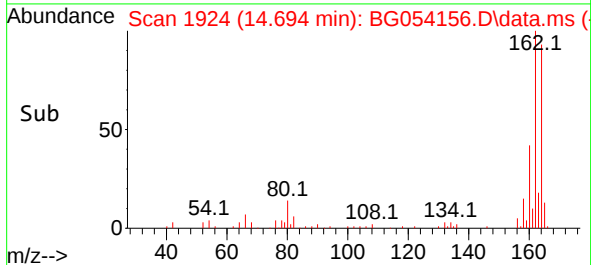
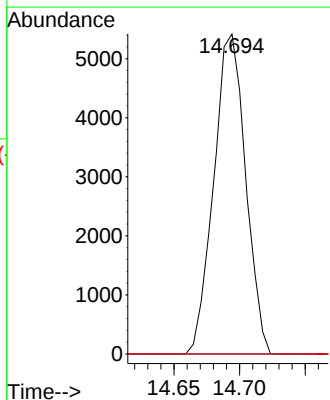
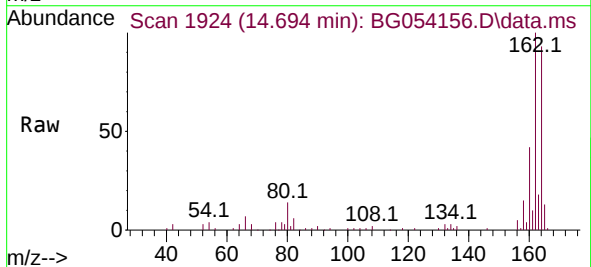
Instrument :
BNA_G
ClientSampleId :
W-2

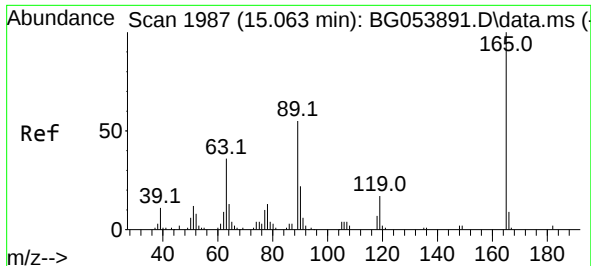
Tgt Ion:172 Resp: 323680
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 24.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.078 ng
RT: 14.694 min Scan# 1924
Delta R.T. 0.431 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

Tgt Ion:165 Resp: 9141
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: 6.428 ng

RT: 14.694 min Scan# 1987

Delta R.T. -0.356 min

Lab File: BG054156.D

Acq: 29 Jun 2022 22:14

Instrument :

BNA_G

ClientSampleId :

W-2

Tgt Ion:165 Resp: 9141

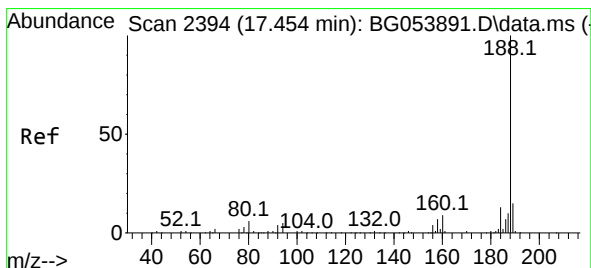
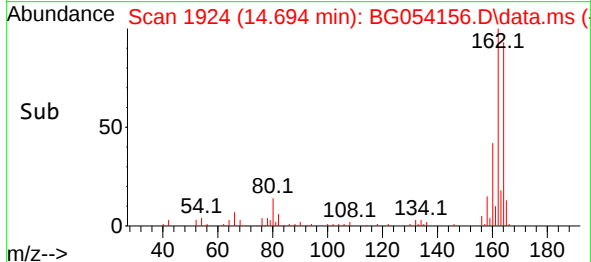
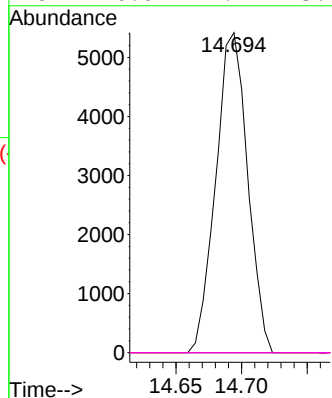
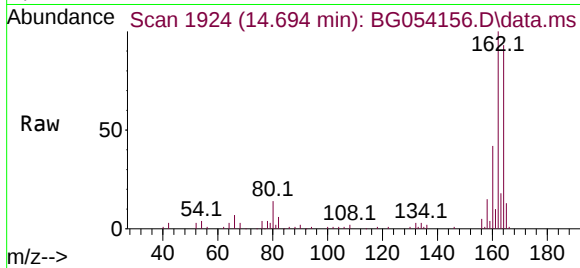
Ion Ratio Lower Upper

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: 17.438 min Scan# 2391

Delta R.T. -0.004 min

Lab File: BG054156.D

Acq: 29 Jun 2022 22:14

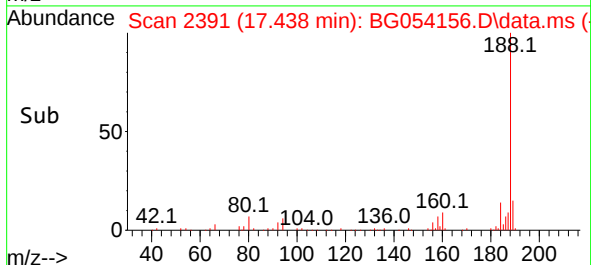
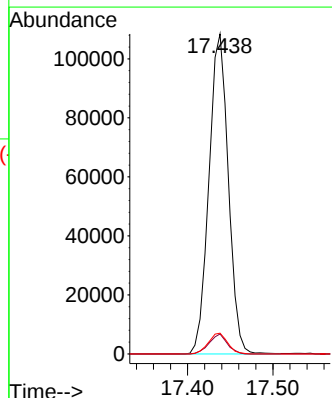
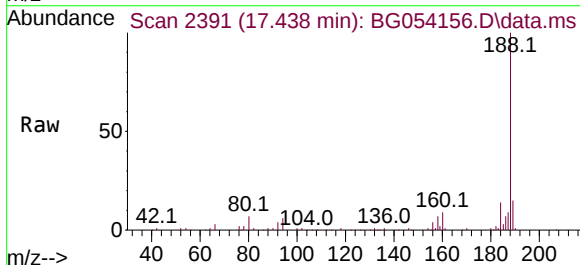
Tgt Ion:188 Resp: 171326

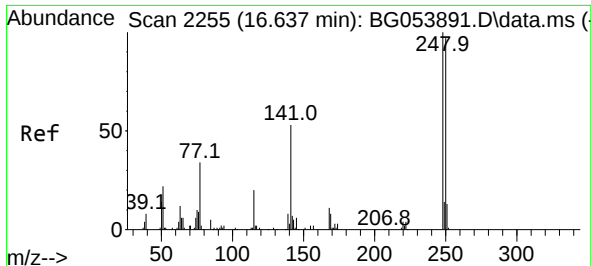
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

80 6.5 6.8 10.2#

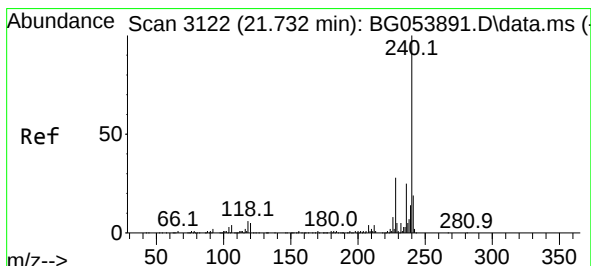
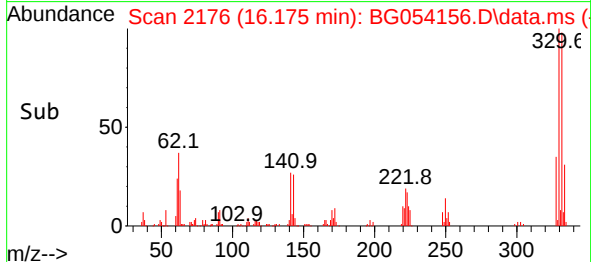
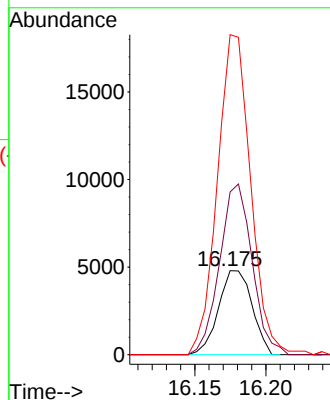
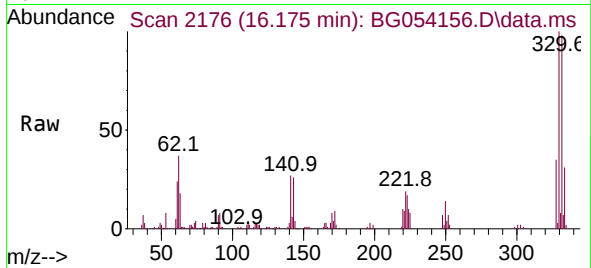




#67
4-Bromophenyl-phenylether
Concen: 3.680 ng
RT: 16.175 min Scan# 2118
Delta R.T. -0.450 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

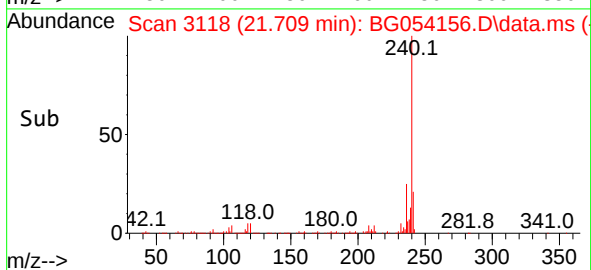
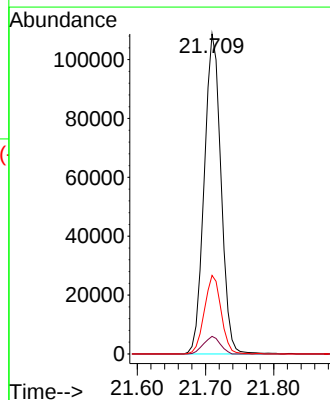
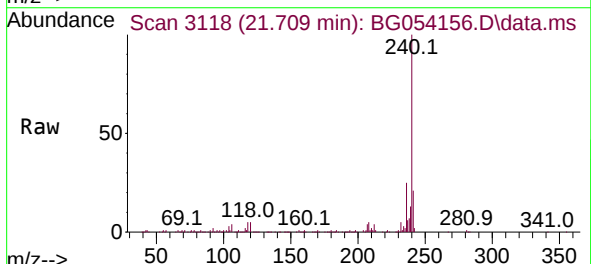
Instrument :
BNA_G
ClientSampleId :
W-2

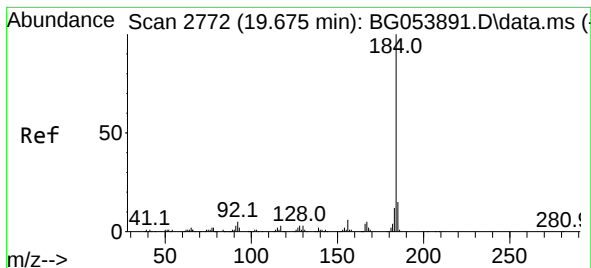
Tgt Ion:248 Resp: 7874
Ion Ratio Lower Upper
248 100
250 247.5 75.2 112.8#
141 381.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.709 min Scan# 3118
Delta R.T. -0.010 min
Lab File: BG054156.D
Acq: 29 Jun 2022 22:14

Tgt Ion:240 Resp: 185930
Ion Ratio Lower Upper
240 100
120 5.5 4.6 7.0
236 24.6 20.2 30.4





#77

Benzidine

Concen: 2.383 ng

RT: 20.047 min Scan# 2835

Delta R.T. 0.384 min

Lab File: BG054156.D

Acq: 29 Jun 2022 22:14

Instrument :

BNA_G

ClientSampleId :

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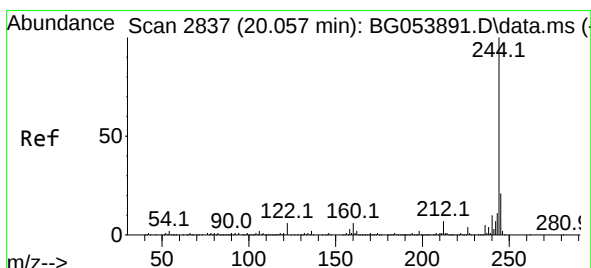
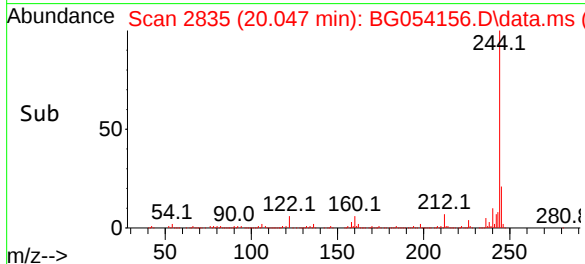
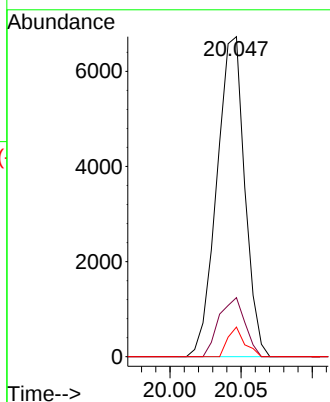
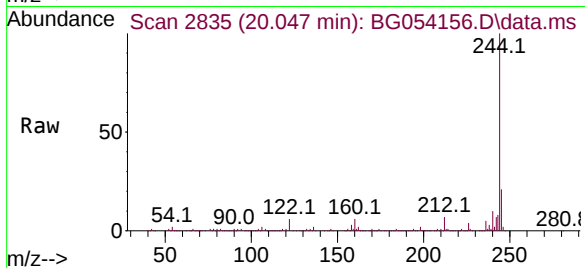
Tgt Ion:184 Resp: 9176

Ion Ratio Lower Upper

184 100

185 18.5 11.8 17.6#

183 9.3 8.9 13.3



#79

Terphenyl-d14

Concen: 75.429 ng

RT: 20.047 min Scan# 2835

Delta R.T. 0.002 min

Lab File: BG054156.D

Acq: 29 Jun 2022 22:14

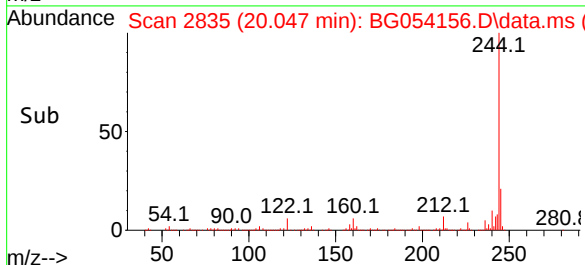
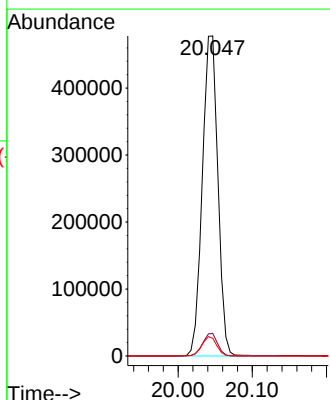
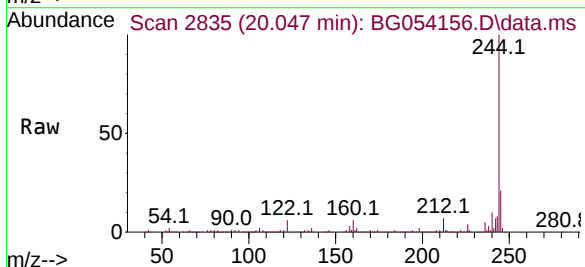
Tgt Ion:244 Resp: 696322

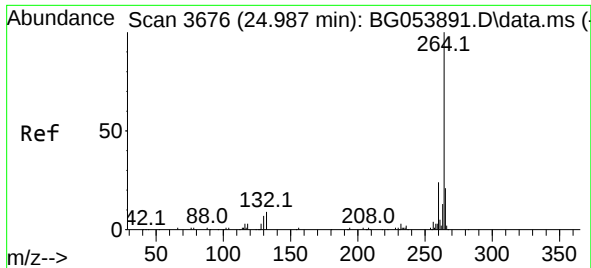
Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 5.5 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.964 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG054156.D

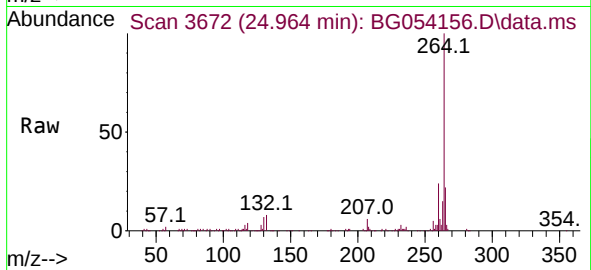
Acq: 29 Jun 2022 22:14

Instrument :

BNA_G

ClientSampleId :

W-2



Tgt Ion:264 Resp: 188916

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.7 17.4 26.2

