

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
 Data File : BG053928.D
 Acq On : 15 Jun 2022 21:12
 Operator : CG/JU
 Sample : N3354-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-46

Quant Time: Jun 16 01:27:07 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 13 15:49:31 2022
 Response via : Initial Calibration

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

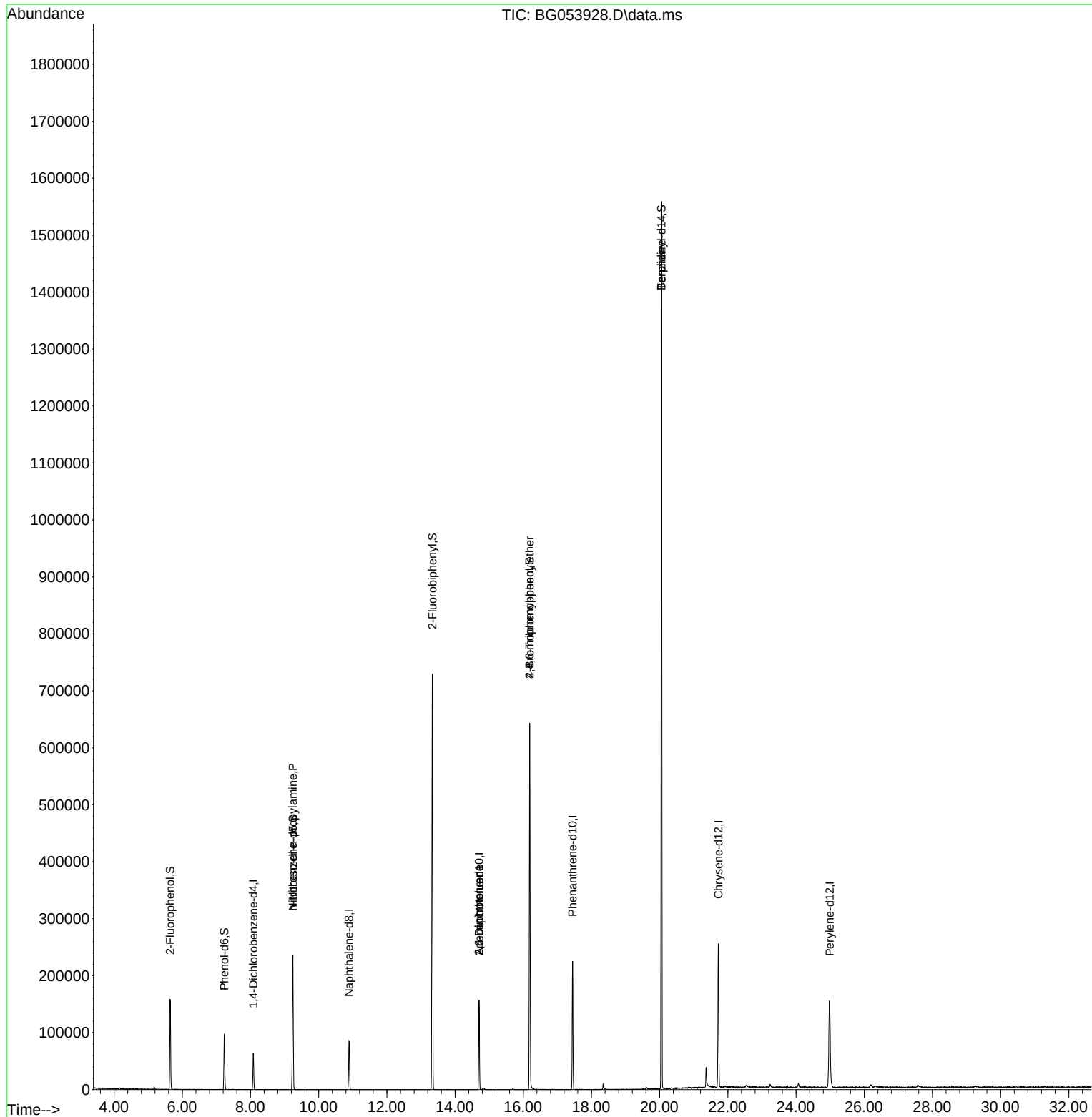
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	20276	20.000	ng	0.00
21) Naphthalene-d8	10.891	136	80157	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	60541	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	163065	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	185161	20.000	ng	0.00
86) Perylene-d12	24.986	264	194718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	74252	70.015	ng	0.00
7) Phenol-d6	7.236	99	58751	40.837	ng	0.00
23) Nitrobenzene-d5	9.245	82	149018	104.473	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	168170	172.890	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	431593	103.664	ng	0.00
79) Terphenyl-d14	20.056	244	906063	98.557	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.245	70	20380	21.086	ng	# 80
51) 2,6-Dinitrotoluene	14.704	165	8211	8.814	ng	# 16
57) 2,4-Dinitrotoluene	14.704	165	8211	6.241	ng	# 21
67) 4-Bromophenyl-phenylether	16.190	248	9990	4.905	ng	# 1
77) Benzdine	20.056	184	11318	2.952	ng	# 86

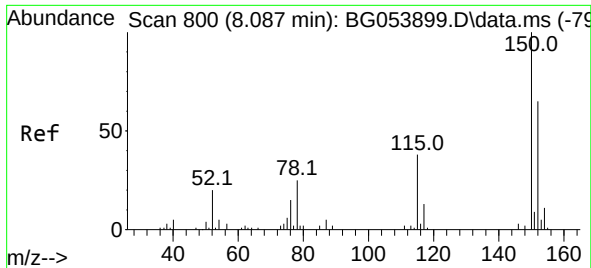
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
Data File : BG053928.D
Acq On : 15 Jun 2022 21:12
Operator : CG/JU
Sample : N3354-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-46

Quant Time: Jun 16 01:27:07 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 13 15:49:31 2022
Response via : Initial Calibration

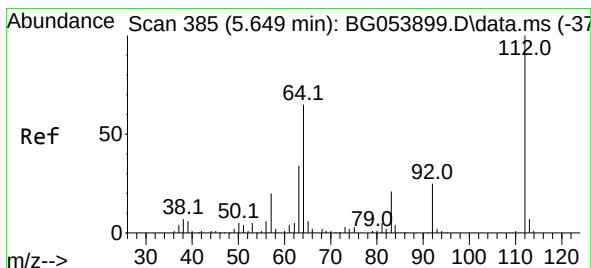
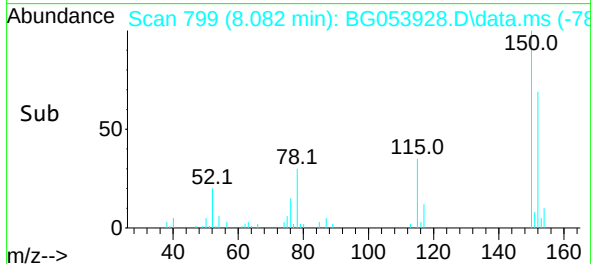
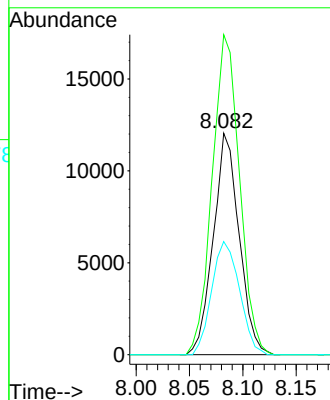
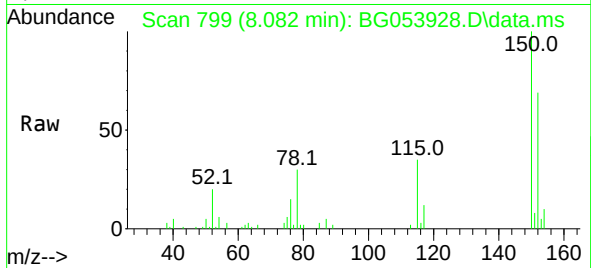




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 79
Delta R.T. -0.007 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

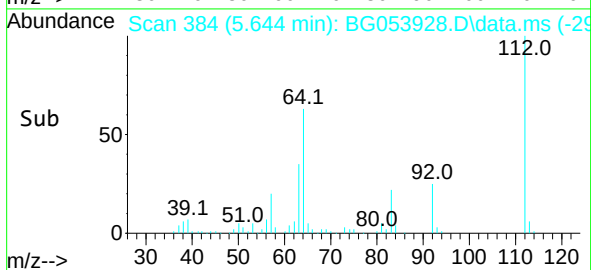
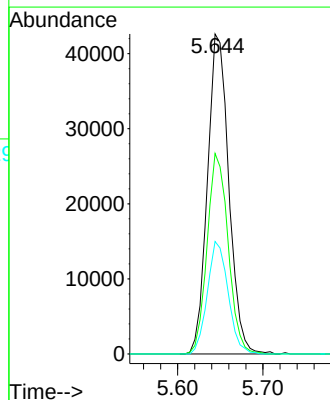
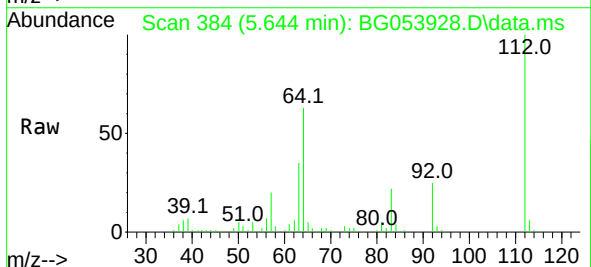
Instrument :
BNA_G
ClientSampleId :
MW-46

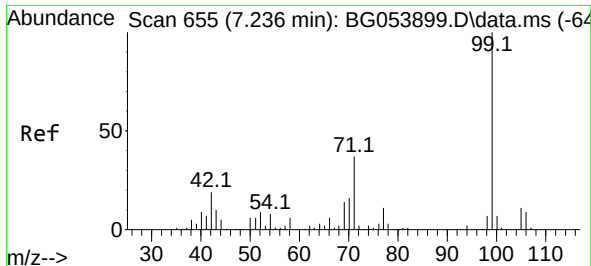
Tgt Ion:152 Resp: 20276
Ion Ratio Lower Upper
152 100
150 144.5 131.6 197.4
115 51.1 50.9 76.3



#5
2-Fluorophenol
Concen: 70.015 ng
RT: 5.644 min Scan# 384
Delta R.T. -0.007 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

Tgt Ion:112 Resp: 74252
Ion Ratio Lower Upper
112 100
64 62.7 55.1 82.7
63 35.1 30.4 45.6

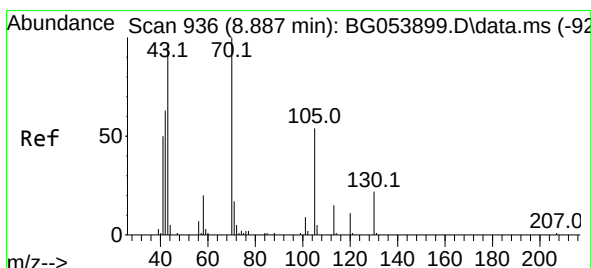
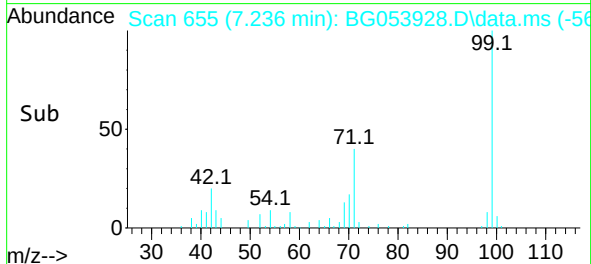
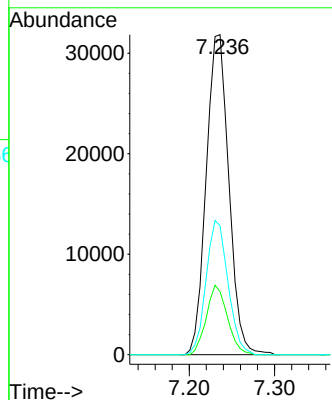
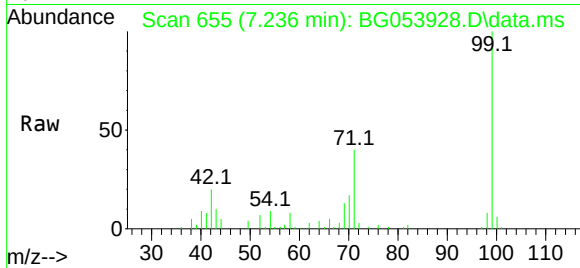




#7
Phenol-d6
Concen: 40.837 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

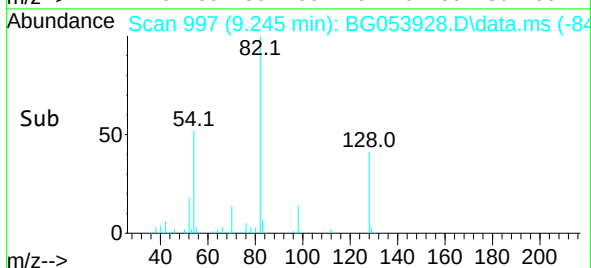
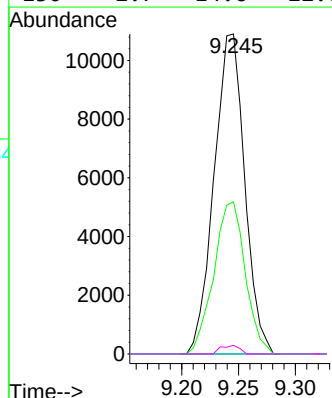
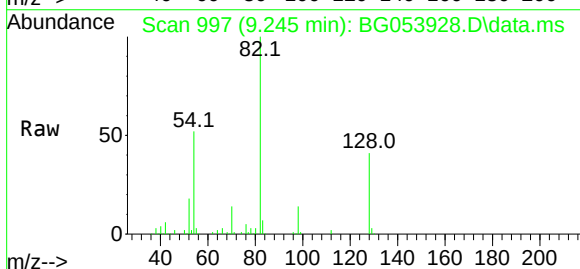
Instrument :
BNA_G
ClientSampleId :
MW-46

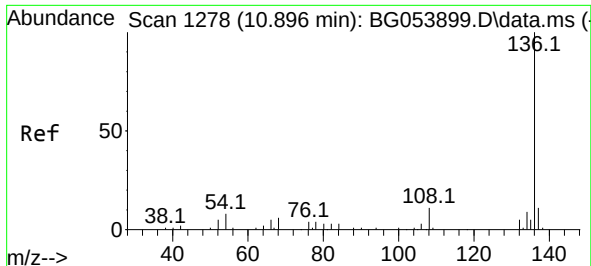
Tgt Ion: 99 Resp: 58751
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 40.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.086 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.352 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

Tgt Ion: 70 Resp: 20380
Ion Ratio Lower Upper
70 100
42 47.5 47.3 70.9
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#

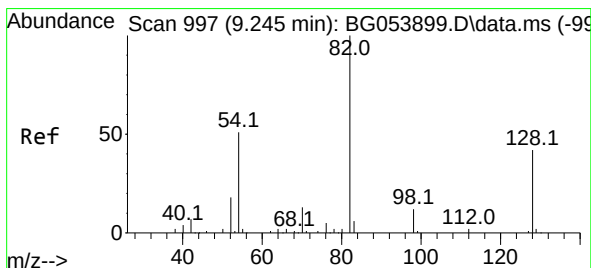
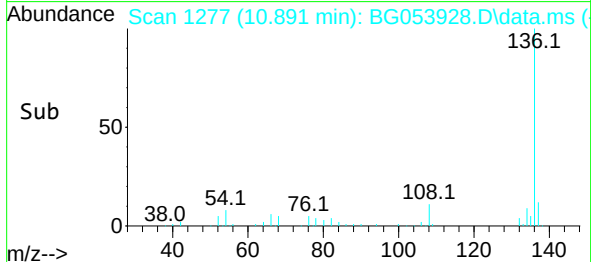
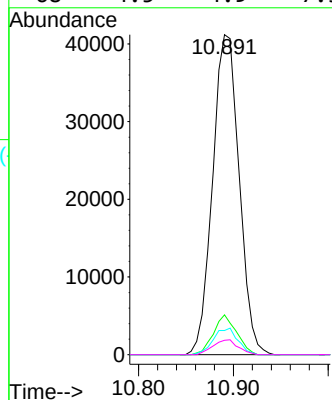
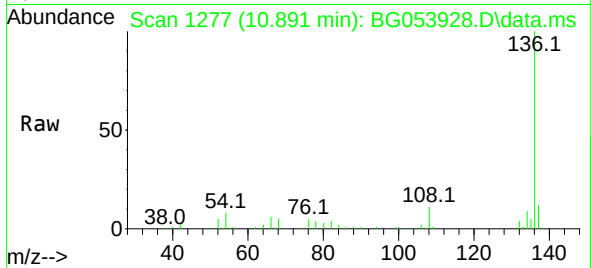




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.891 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

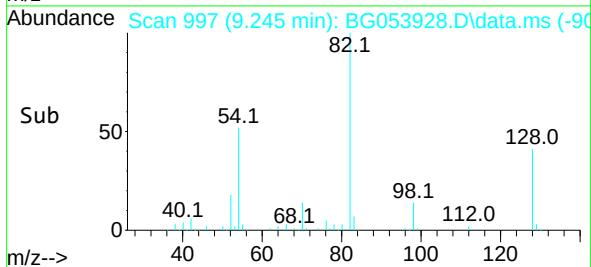
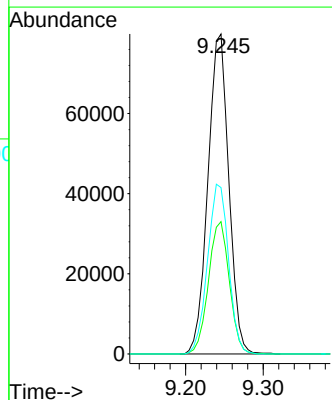
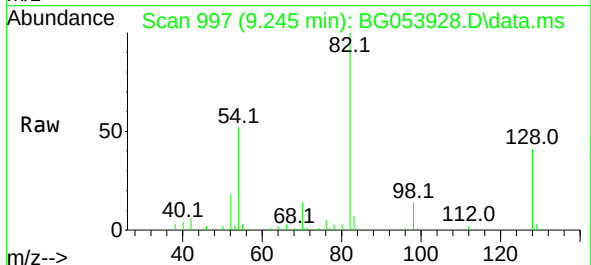
Instrument :
BNA_G
ClientSampleId :
MW-46

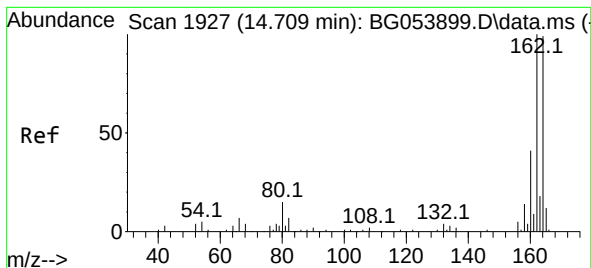
Tgt Ion:	136	Resp:	80157
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.5	12.7
54	7.6	7.4	11.2
68	4.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 104.473 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.001 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

Tgt Ion:	82	Resp:	149018
Ion	Ratio	Lower	Upper
82	100		
128	41.4	27.9	41.9
54	52.0	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1926

Delta R.T. -0.006 min

Lab File: BG053928.D

Acq: 15 Jun 2022 21:12

Instrument :

BNA_G

ClientSampleId :

MW-46

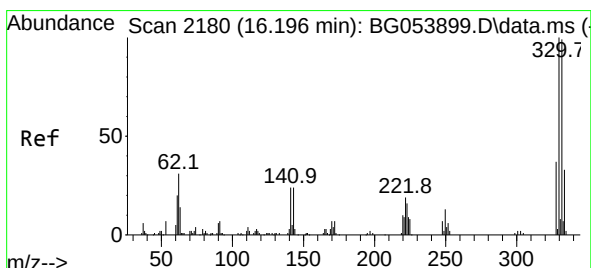
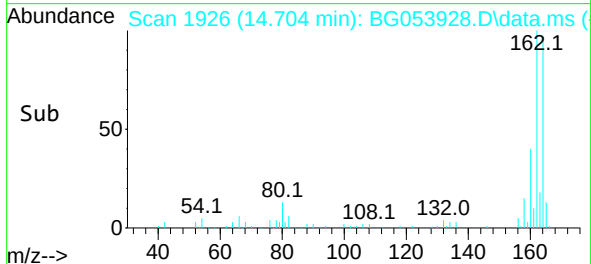
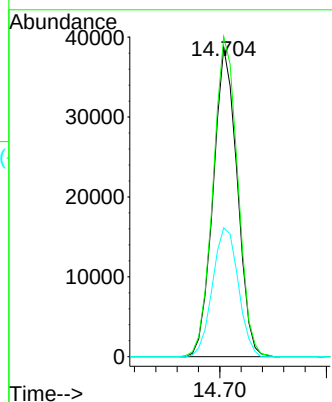
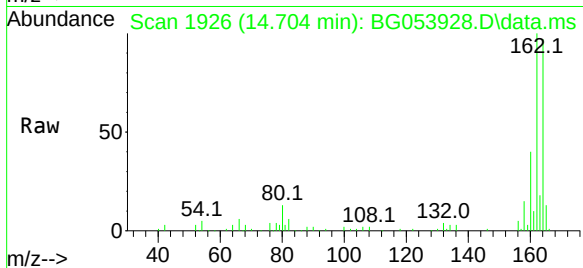
Tgt Ion:164 Resp: 60541

Ion Ratio Lower Upper

164 100

162 103.4 82.3 123.5

160 41.6 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 172.890 ng

RT: 16.190 min Scan# 2179

Delta R.T. -0.001 min

Lab File: BG053928.D

Acq: 15 Jun 2022 21:12

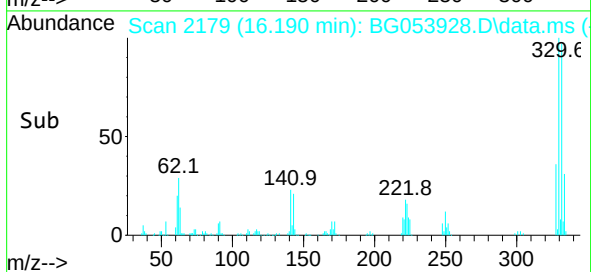
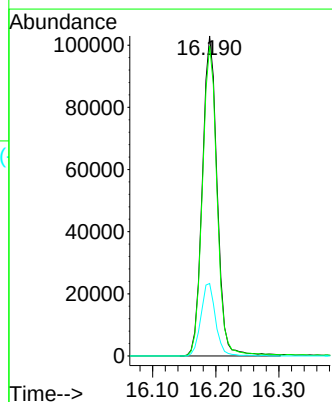
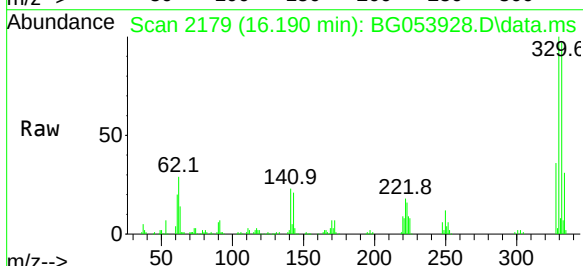
Tgt Ion:330 Resp: 168170

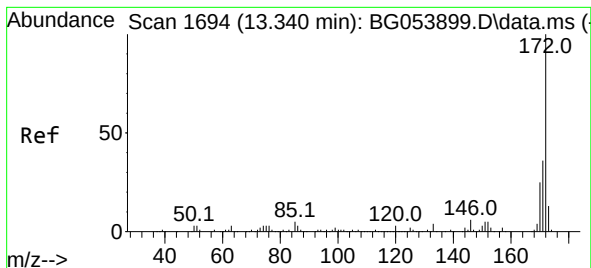
Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 22.3 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 103.664 ng

RT: 13.335 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG053928.D

Acq: 15 Jun 2022 21:12

Instrument :

BNA_G

ClientSampleId :

MW-46

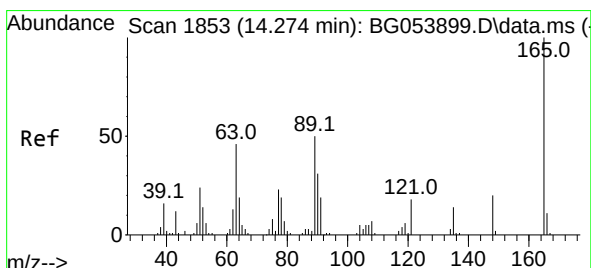
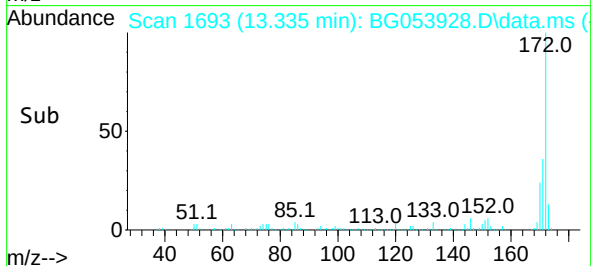
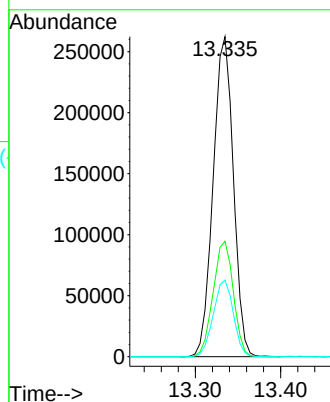
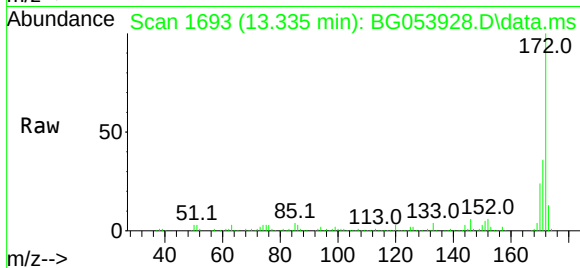
Tgt Ion:172 Resp: 431593

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.9 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.814 ng

RT: 14.704 min Scan# 1926

Delta R.T. 0.428 min

Lab File: BG053928.D

Acq: 15 Jun 2022 21:12

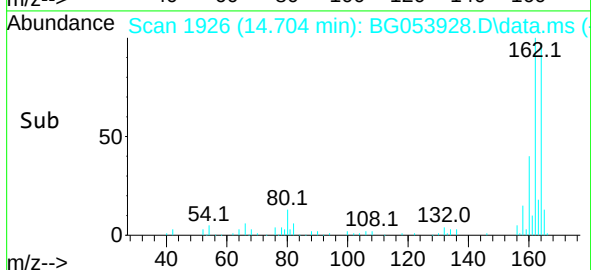
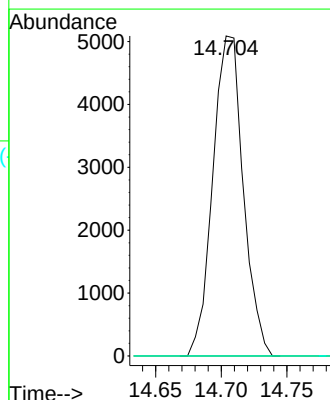
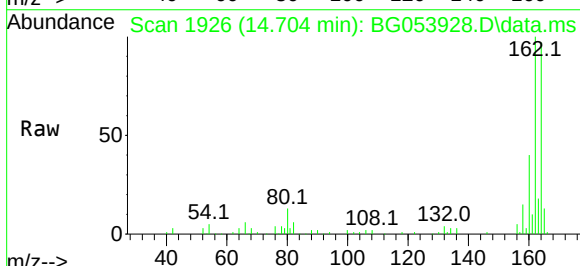
Tgt Ion:165 Resp: 8211

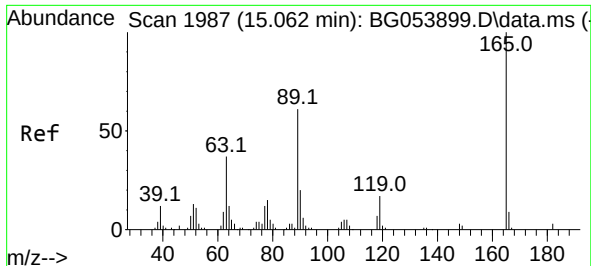
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.241 ng

RT: 14.704 min Scan# 1987

Delta R.T. -0.359 min

Lab File: BG053928.D

Acq: 15 Jun 2022 21:12

Instrument :

BNA_G

ClientSampleId :

MW-46

Tgt Ion:165 Resp: 8211

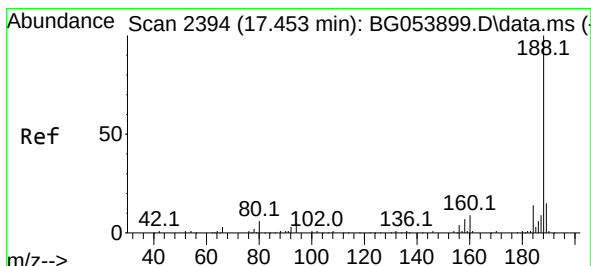
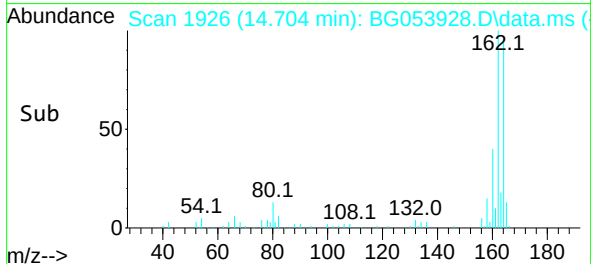
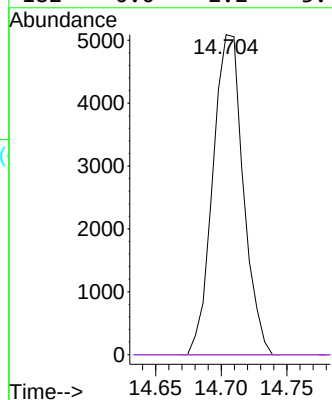
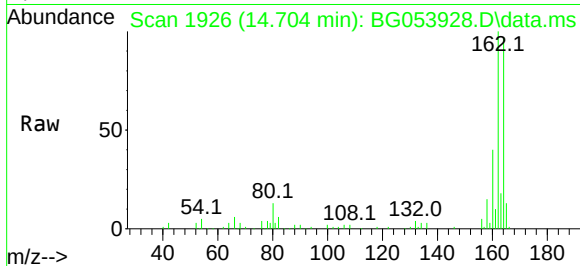
Ion Ratio Lower Upper

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: 17.448 min Scan# 2393

Delta R.T. -0.007 min

Lab File: BG053928.D

Acq: 15 Jun 2022 21:12

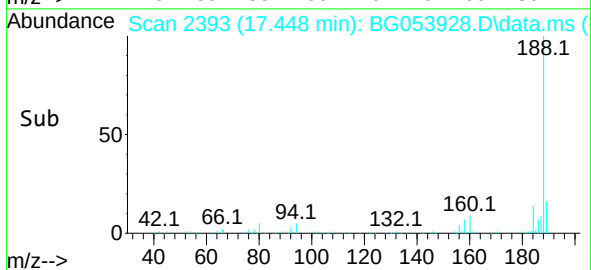
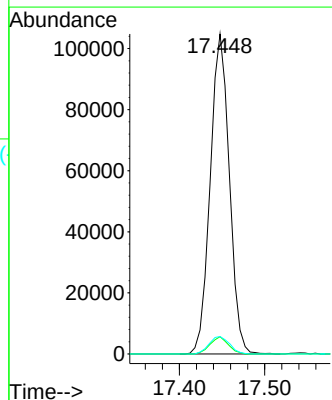
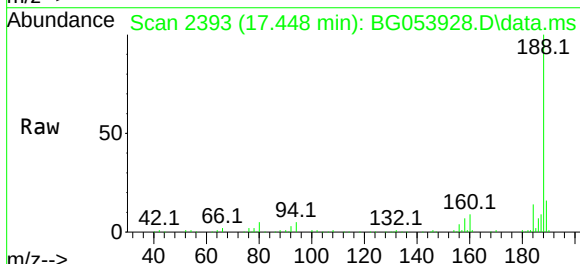
Tgt Ion:188 Resp: 163065

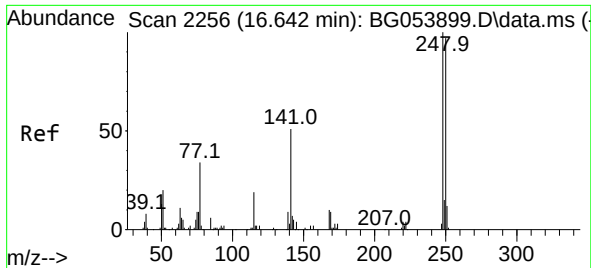
Ion Ratio Lower Upper

188 100

94 5.4 5.4 8.0

80 5.5 6.8 10.2#

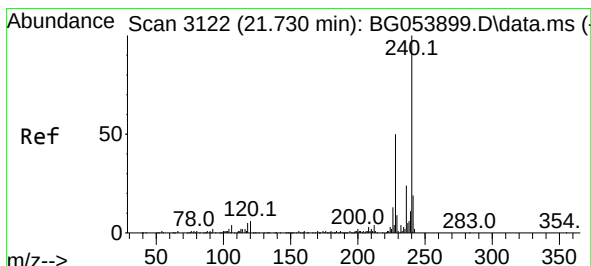
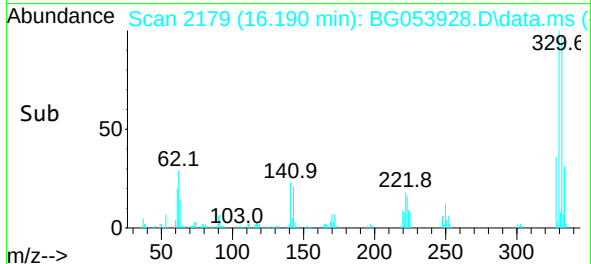
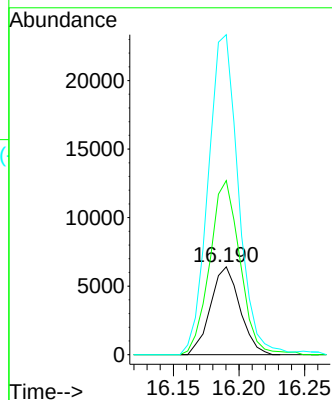
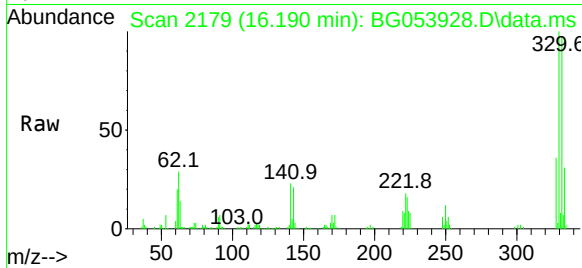




#67
4-Bromophenyl-phenylether
Concen: 4.905 ng
RT: 16.190 min Scan# 2117
Delta R.T. -0.447 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

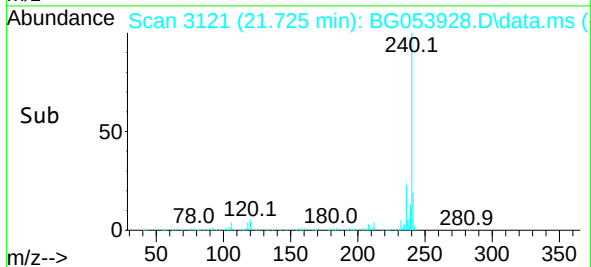
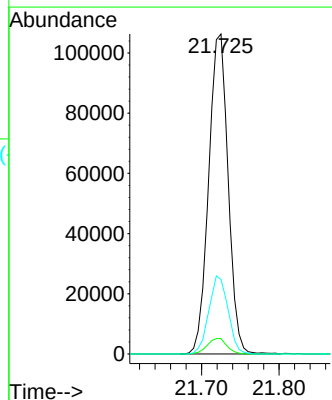
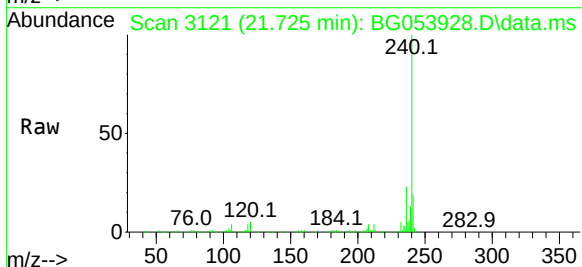
Instrument :
BNA_G
ClientSampleId :
MW-46

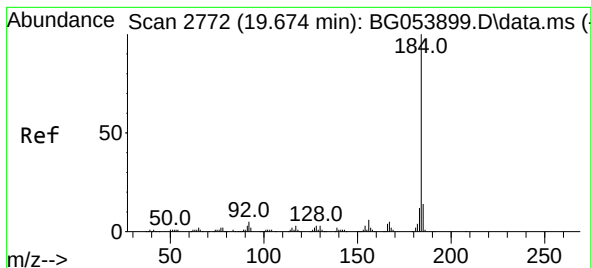
Tgt Ion:248 Resp: 9990
Ion Ratio Lower Upper
248 100
250 260.4 75.2 112.8#
141 364.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3121
Delta R.T. -0.007 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

Tgt Ion:240 Resp: 185161
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 23.3 20.2 30.4





#77

Benzidine

Concen: 2.952 ng

RT: 20.056 min Scan# 2837

Delta R.T. 0.381 min

Lab File: BG053928.D

Acq: 15 Jun 2022 21:12

Instrument :

BNA_G

ClientSampleId :

MW-46

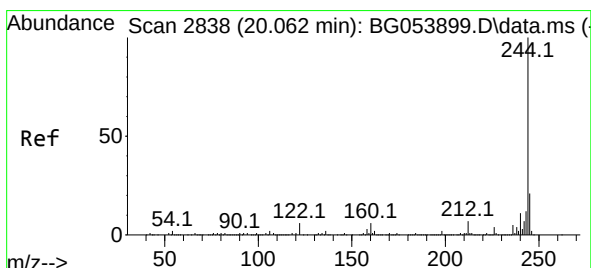
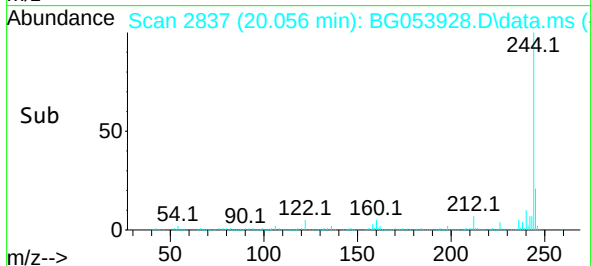
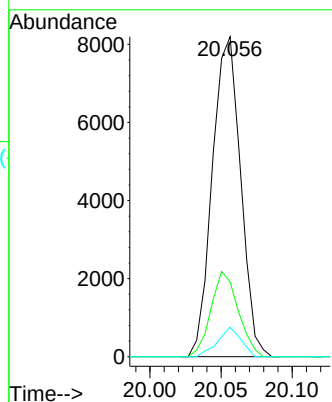
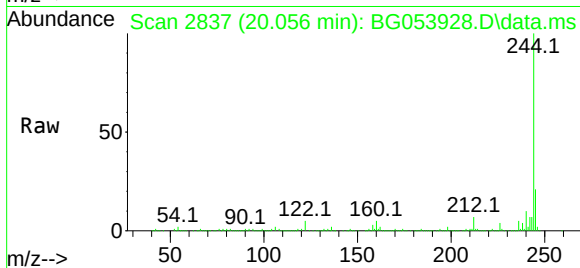
Tgt Ion:184 Resp: 11318

Ion Ratio Lower Upper

184 100

185 23.4 11.8 17.6#

183 9.3 8.9 13.3



#79

Terphenyl-d14

Concen: 98.557 ng

RT: 20.056 min Scan# 2837

Delta R.T. -0.001 min

Lab File: BG053928.D

Acq: 15 Jun 2022 21:12

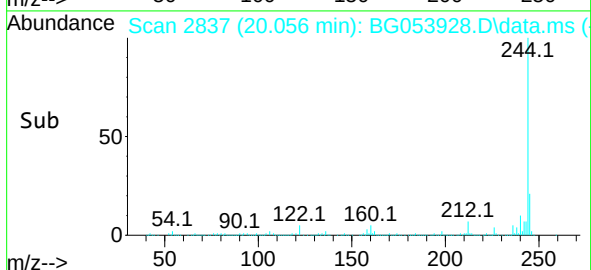
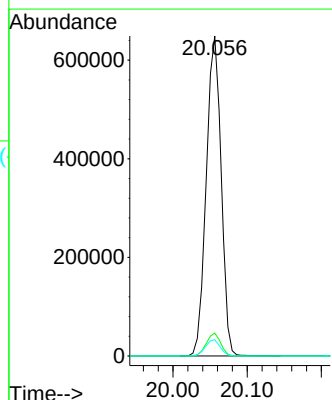
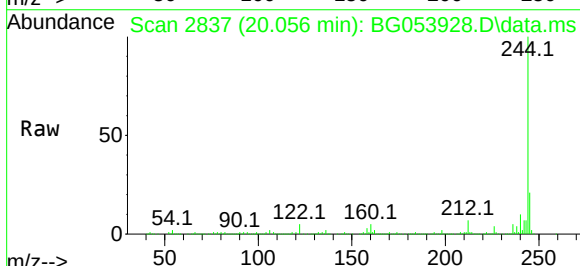
Tgt Ion:244 Resp: 906063

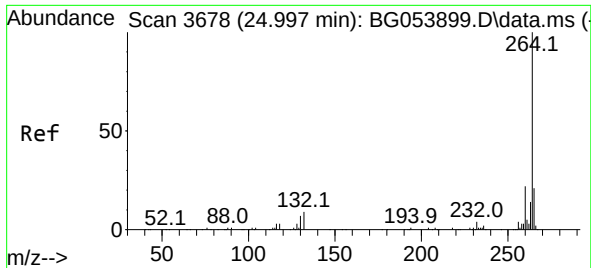
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 5.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG053928.D
Acq: 15 Jun 2022 21:12

Instrument :
BNA_G
ClientSampleId :
MW-46

Tgt Ion:264 Resp: 194718

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.3	17.4	26.2

