

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054078.D
 Acq On : 26 Jun 2022 18:35
 Operator : CG/JU
 Sample : N3478-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-364

Quant Time: Jun 27 00:31:34 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)

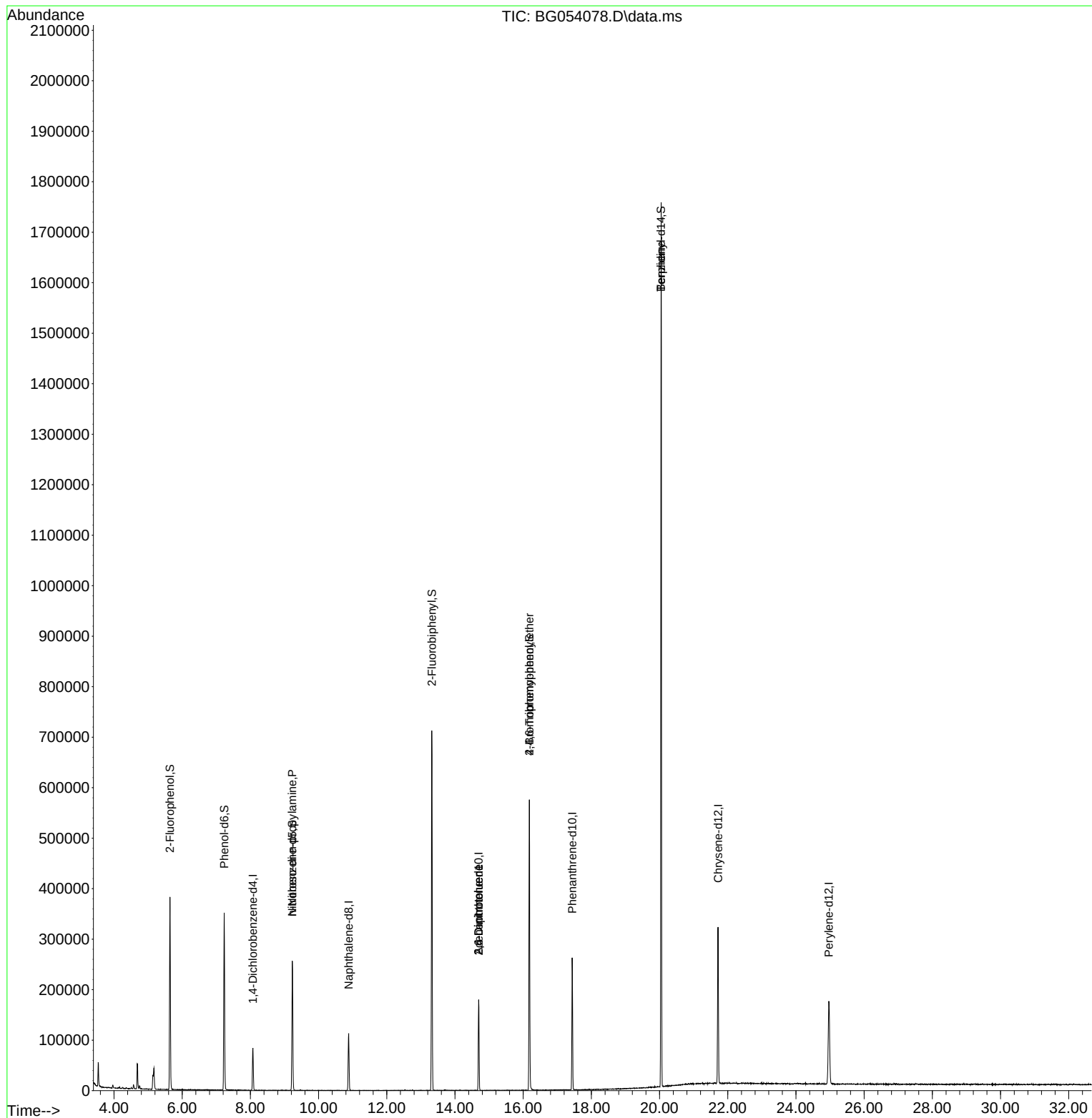
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	26454	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	102570	20.000	ng	0.00
39) Acenaphthene-d10	14.693	164	70606	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	179609	20.000	ng	0.00
76) Chrysene-d12	21.714	240	216684	20.000	ng	0.00
86) Perylene-d12	24.963	264	188566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	177047	127.957	ng	0.00
7) Phenol-d6	7.231	99	209090	111.395	ng	0.00
23) Nitrobenzene-d5	9.229	82	163914	89.805	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	128066	112.892	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	401640	82.718	ng	0.00
79) Terphenyl-d14	20.045	244	929256	86.375	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.229	70	20957	16.619	ng	# 83
51) 2,6-Dinitrotoluene	14.693	165	9324	8.582	ng	# 16
57) 2,4-Dinitrotoluene	14.693	165	9324	6.077	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	8116	3.618	ng	# 1
77) Benzidine	20.045	184	13676	3.048	ng	# 89

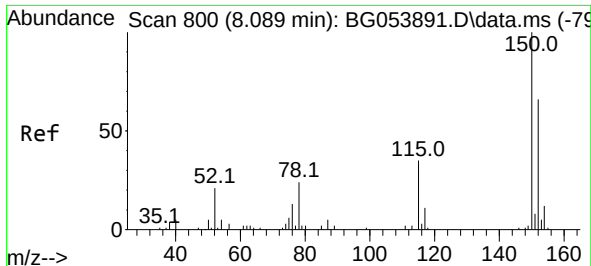
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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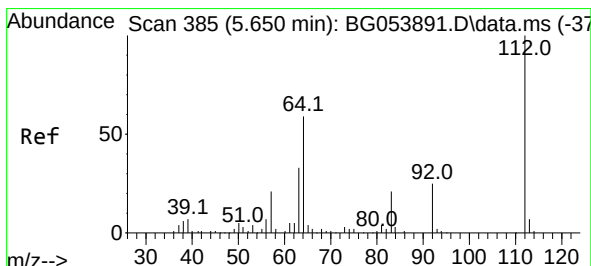
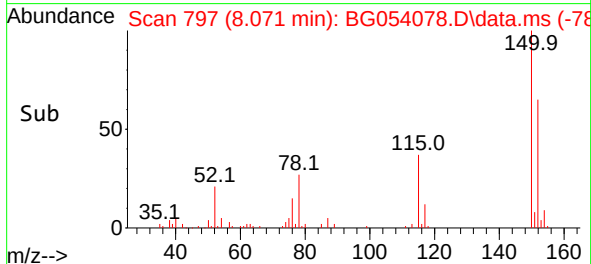
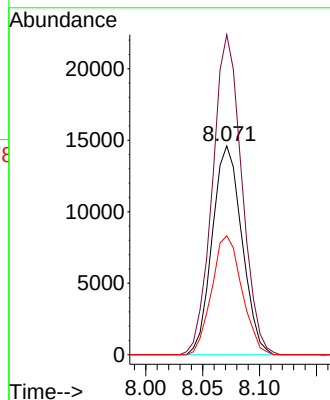
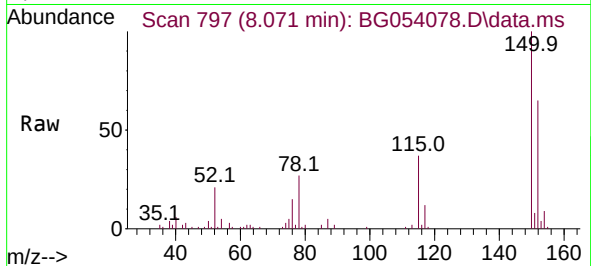




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

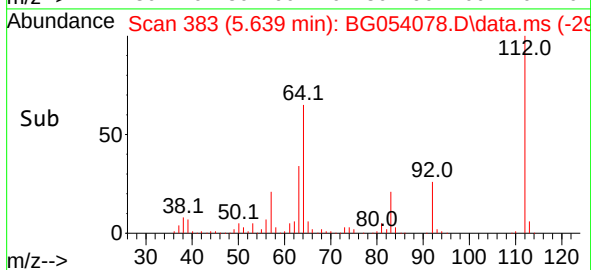
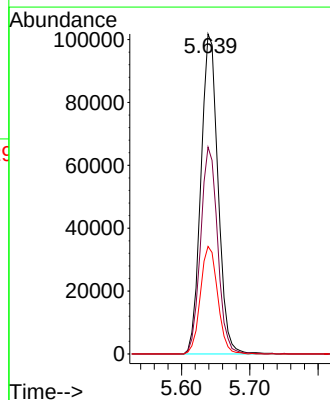
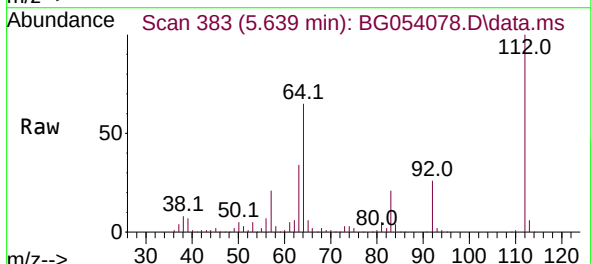
Instrument :
BNA_G
ClientSampleId :
RO-364

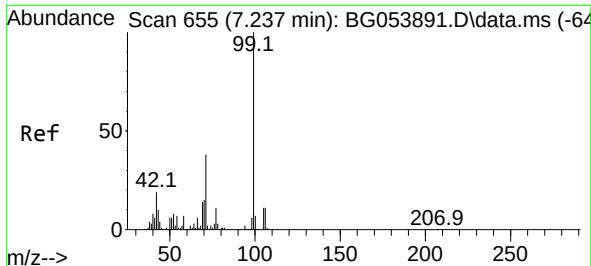
Tgt Ion:152 Resp: 26454
Ion Ratio Lower Upper
152 100
150 153.2 131.6 197.4
115 56.9 50.9 76.3



#5
2-Fluorophenol
Concen: 127.957 ng
RT: 5.639 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

Tgt Ion:112 Resp: 177047
Ion Ratio Lower Upper
112 100
64 64.7 55.1 82.7
63 33.6 30.4 45.6

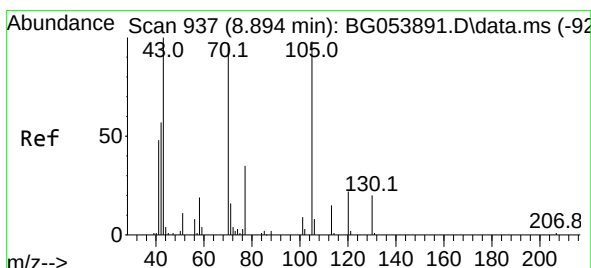
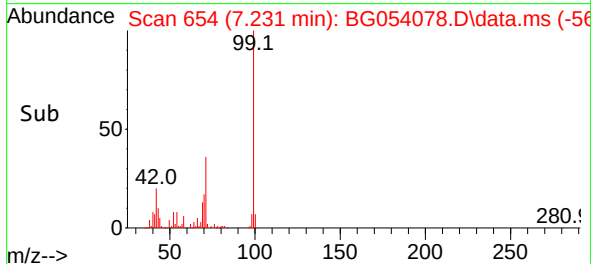
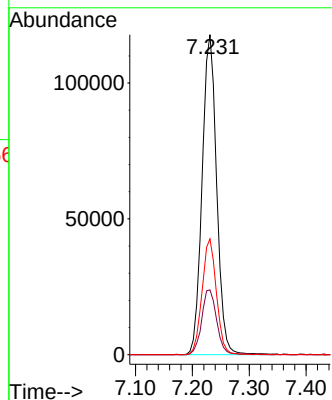
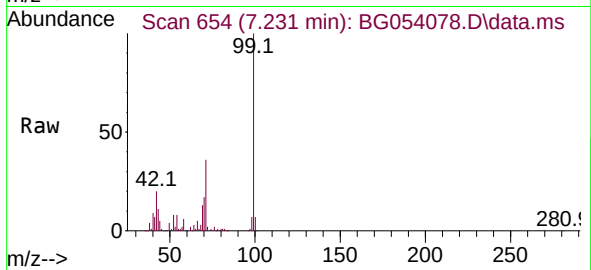




#7
Phenol-d6
Concen: 111.395 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

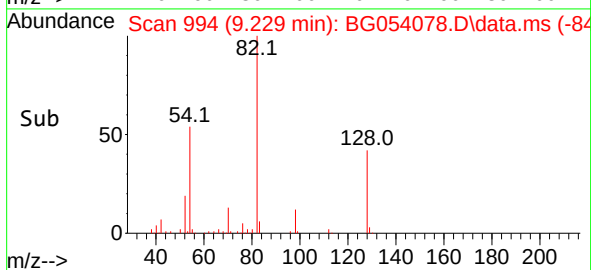
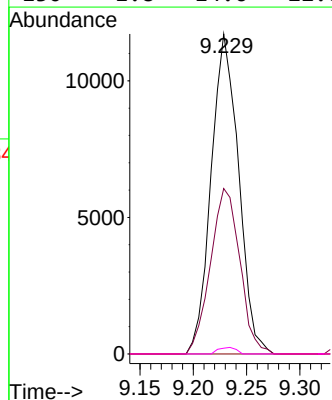
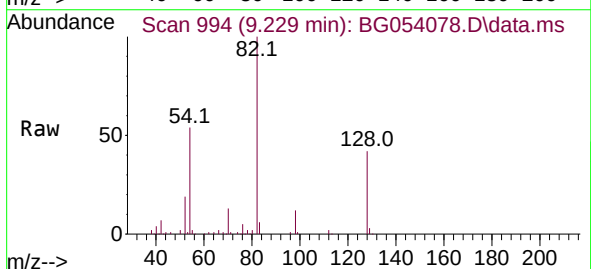
Instrument :
BNA_G
ClientSampleId :
RO-364

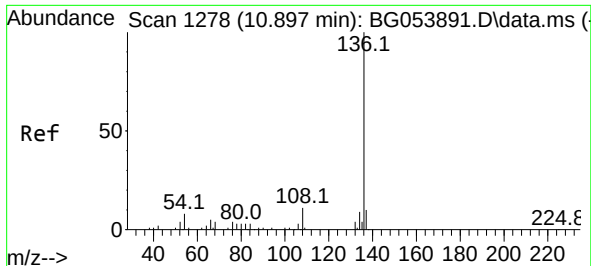
Tgt Ion: 99 Resp: 209090
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 36.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.619 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

Tgt Ion: 70 Resp: 20957
Ion Ratio Lower Upper
70 100
42 51.7 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

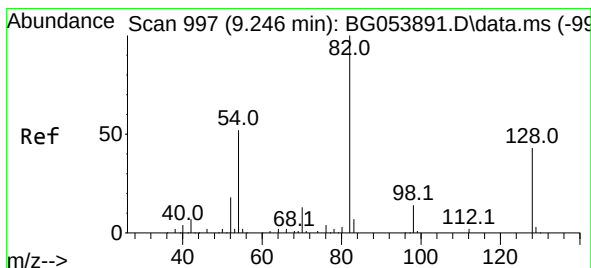
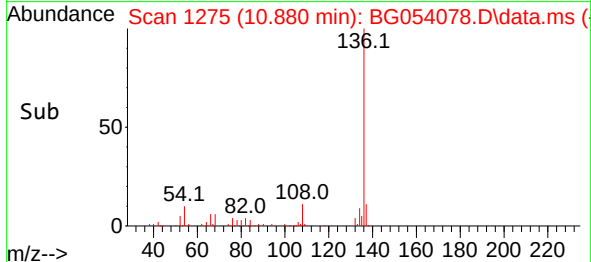
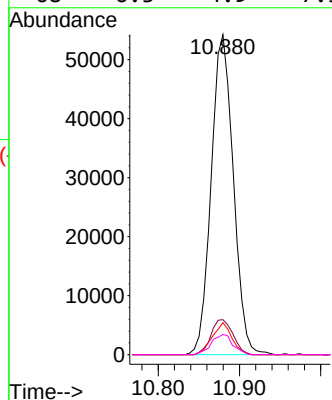
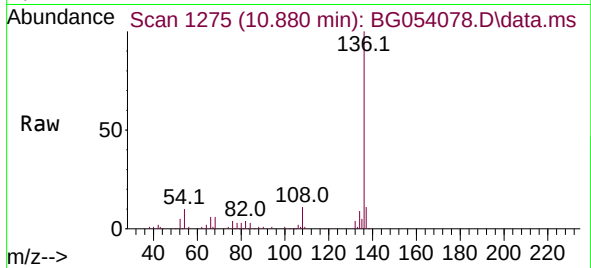




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

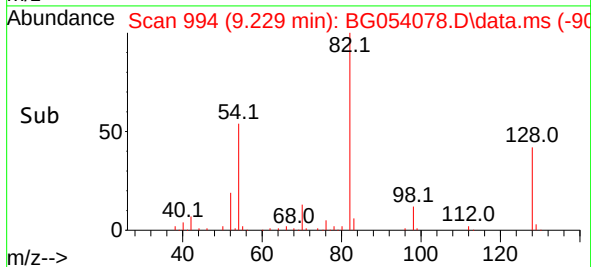
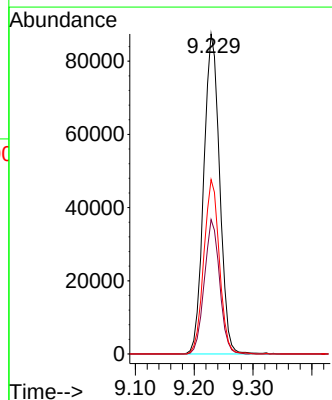
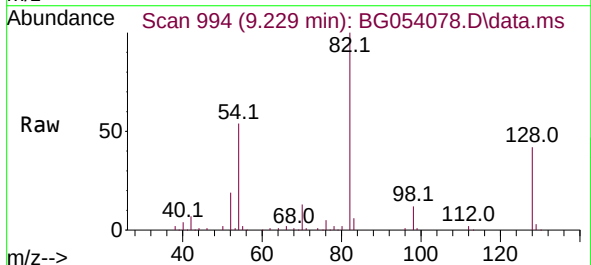
Instrument :
BNA_G
ClientSampleId :
RO-364

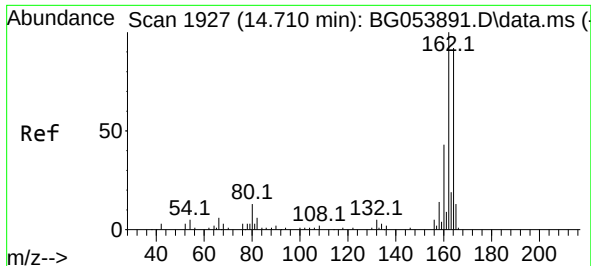
Tgt Ion:	136	Resp:	102570
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.0	7.4	11.2
68	6.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 89.805 ng
RT: 9.229 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

Tgt Ion:	82	Resp:	163914
Ion	Ratio	Lower	Upper
82	100		
128	42.0	27.9	41.9#
54	54.5	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: BG054078.D

Acq: 26 Jun 2022 18:35

Instrument :

BNA_G

ClientSampleId :

RO-364

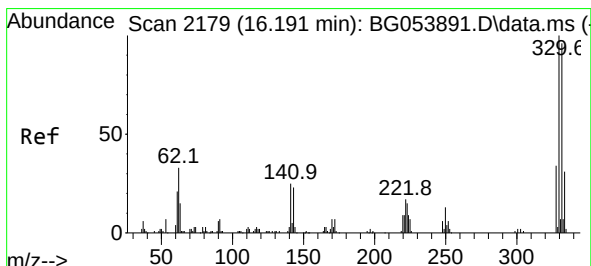
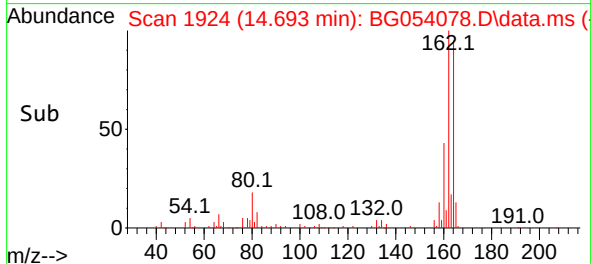
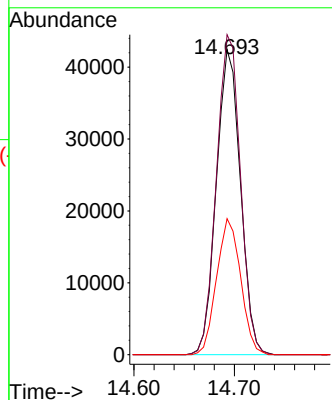
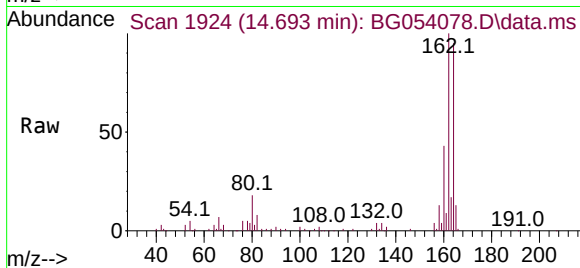
Tgt Ion:164 Resp: 70606

Ion Ratio Lower Upper

164 100

162 104.9 82.3 123.5

160 44.6 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 112.892 ng

RT: 16.179 min Scan# 2177

Delta R.T. -0.005 min

Lab File: BG054078.D

Acq: 26 Jun 2022 18:35

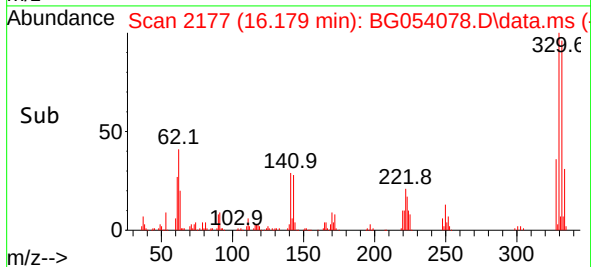
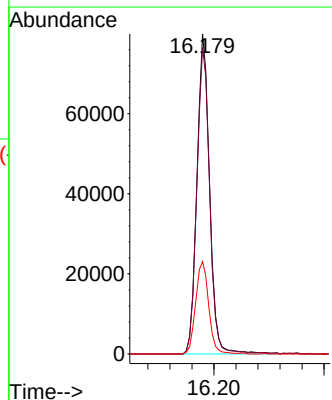
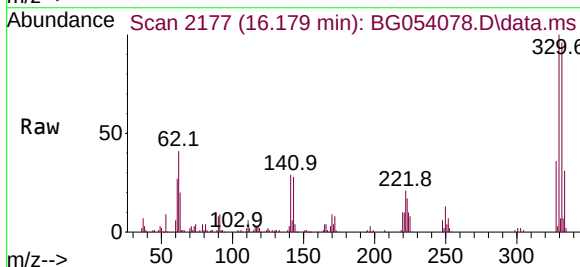
Tgt Ion:330 Resp: 128066

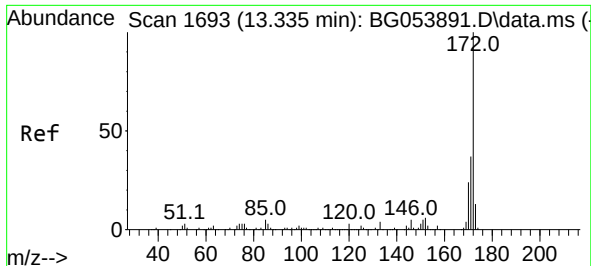
Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 29.5 27.1 40.7

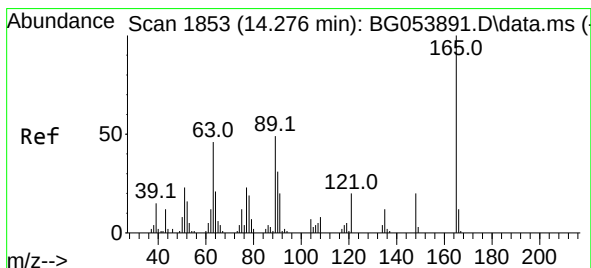
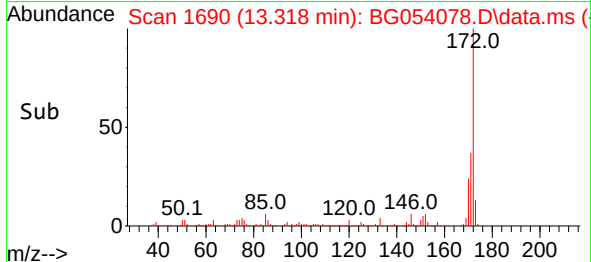
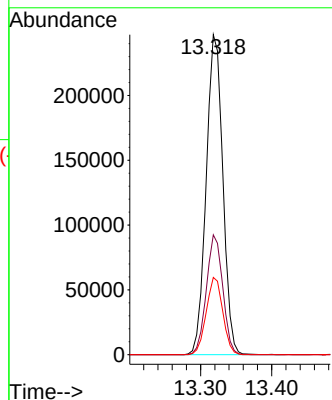
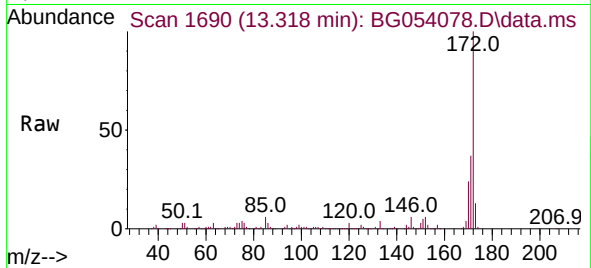




#45
2-Fluorobiphenyl
Concen: 82.718 ng
RT: 13.318 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

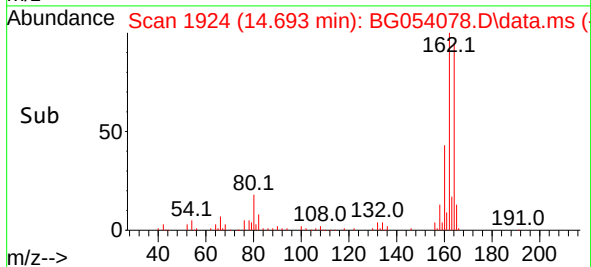
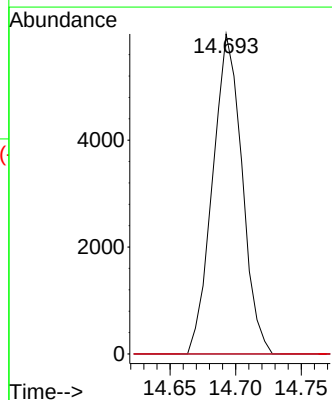
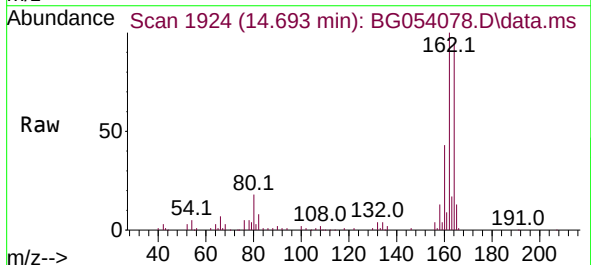
Instrument :
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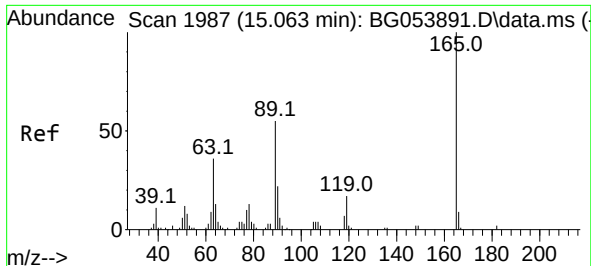
Tgt Ion:172 Resp: 401640
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 24.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.582 ng
RT: 14.693 min Scan# 1924
Delta R.T. 0.430 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

Tgt Ion:165 Resp: 9324
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: 6.077 ng

RT: 14.693 min Scan# 1987

Delta R.T. -0.358 min

Lab File: BG054078.D

Acq: 26 Jun 2022 18:35

Instrument :

BNA_G

ClientSampleId :

RO-364

Tgt Ion:165 Resp: 9324

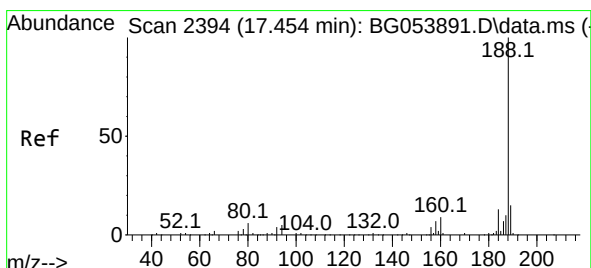
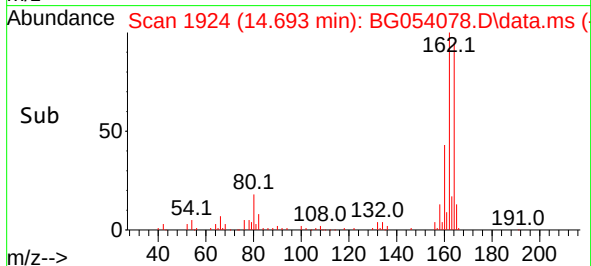
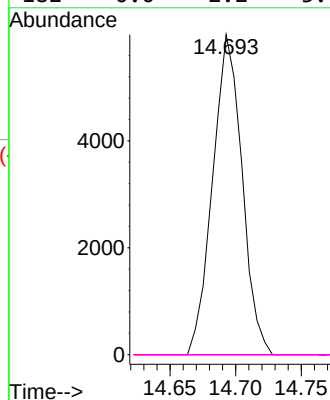
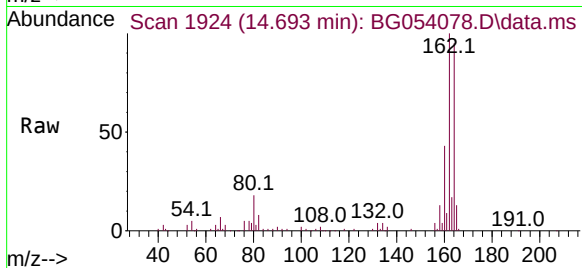
Ion Ratio Lower Upper

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: 17.437 min Scan# 2391

Delta R.T. -0.005 min

Lab File: BG054078.D

Acq: 26 Jun 2022 18:35

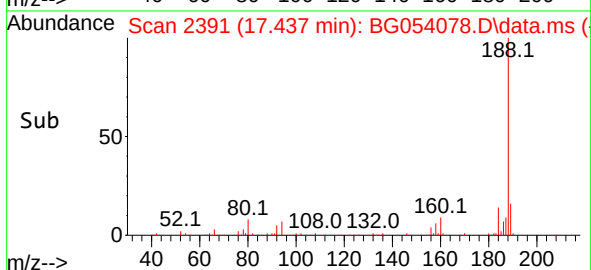
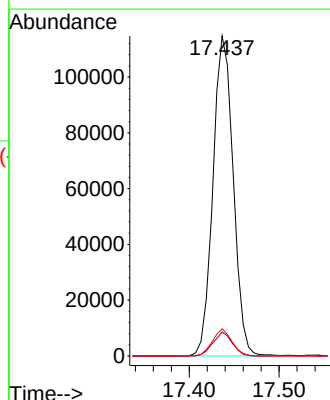
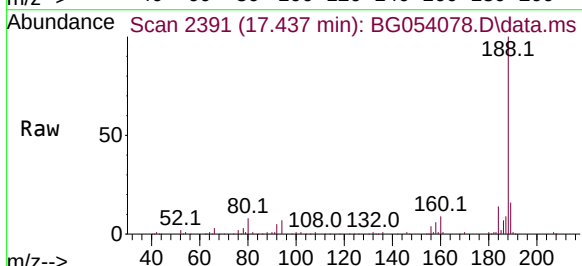
Tgt Ion:188 Resp: 179609

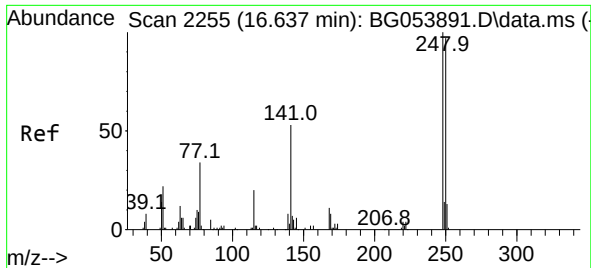
Ion Ratio Lower Upper

188 100

94 7.5 5.4 8.0

80 8.5 6.8 10.2

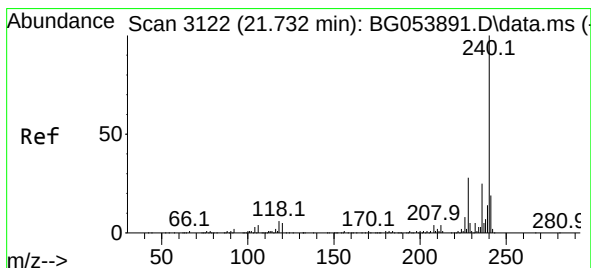
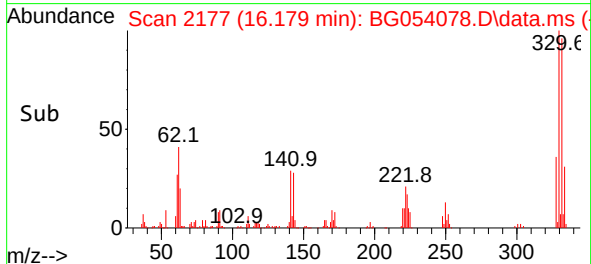
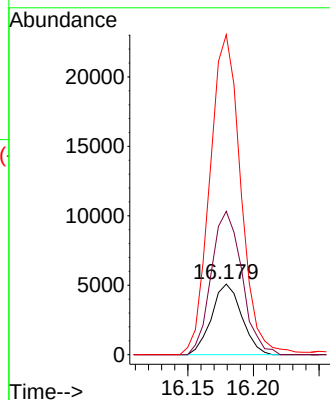
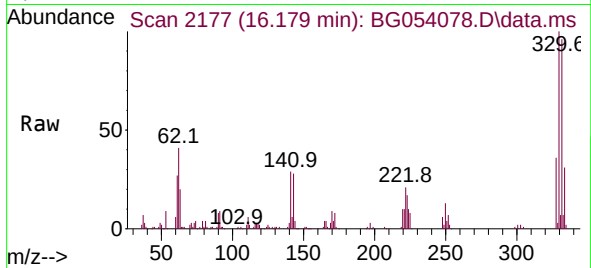




#67
4-Bromophenyl-phenylether
Concen: 3.618 ng
RT: 16.179 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

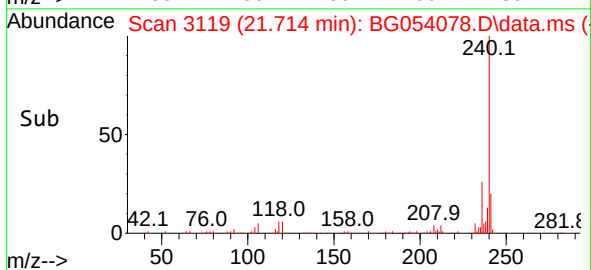
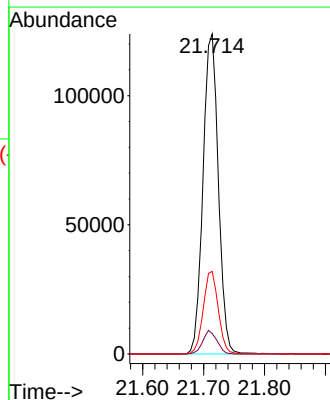
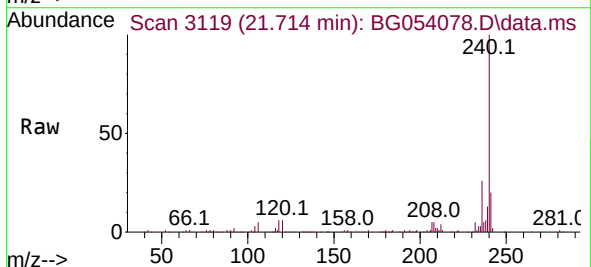
Instrument :
BNA_G
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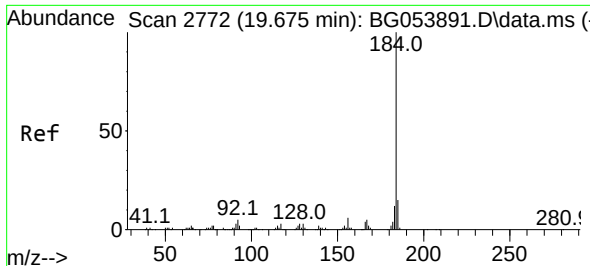
Tgt Ion:248 Resp: 8116
Ion Ratio Lower Upper
248 100
250 207.4 75.2 112.8#
141 352.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

Tgt Ion:240 Resp: 216684
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 25.8 20.2 30.4

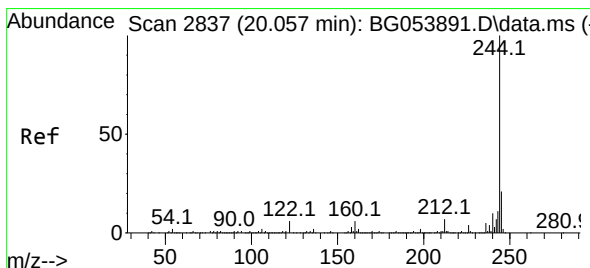
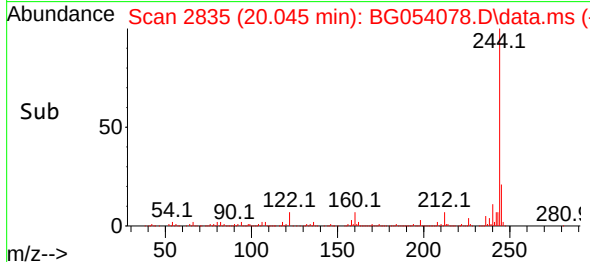
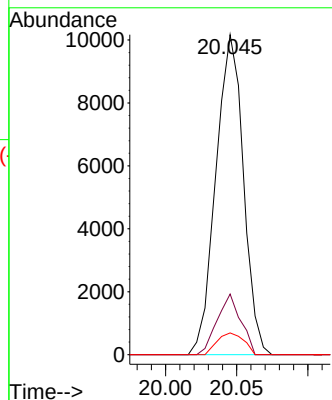
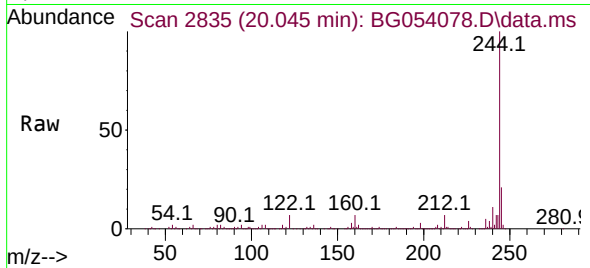




#77
Benzidine
Concen: 3.048 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.383 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

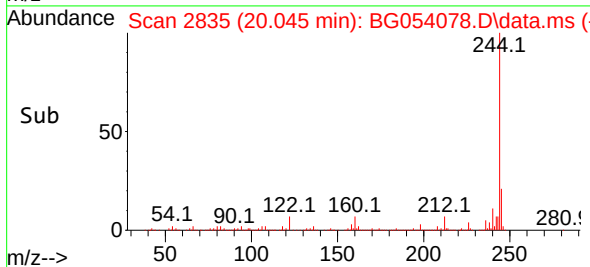
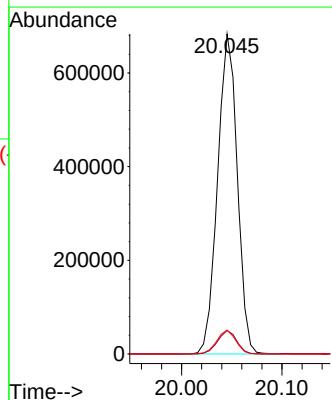
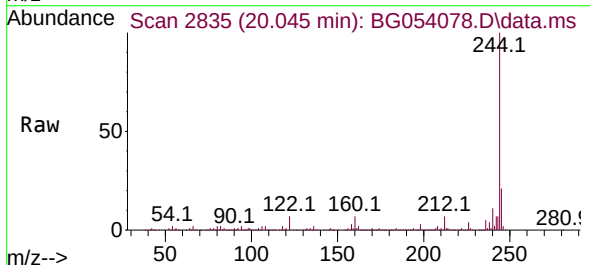
Instrument :
BNA_G
ClientSampleId :
RO-364

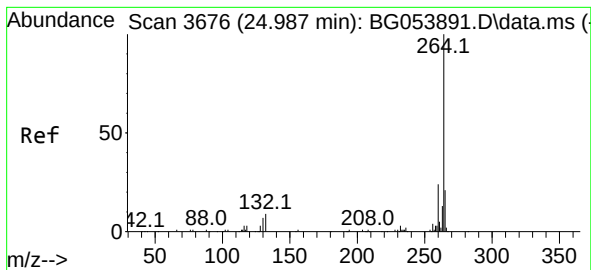
Tgt Ion:184 Resp: 13676
Ion Ratio Lower Upper
184 100
185 19.0 11.8 17.6#
183 6.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 86.375 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.001 min
Lab File: BG054078.D
Acq: 26 Jun 2022 18:35

Tgt Ion:244 Resp: 929256
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.5 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.963 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG054078.D

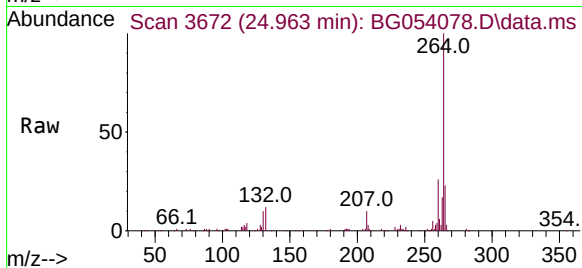
Acq: 26 Jun 2022 18:35

Instrument :

BNA_G

ClientSampleId :

RO-364



Tgt Ion:264 Resp: 188566

Ion Ratio Lower Upper

264 100

260 25.6 19.0 28.6

265 23.2 17.4 26.2

