

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054173.D
 Acq On : 30 Jun 2022 17:26
 Operator : CG/JU
 Sample : N3548-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V-1

Quant Time: Jul 01 04:04:41 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)

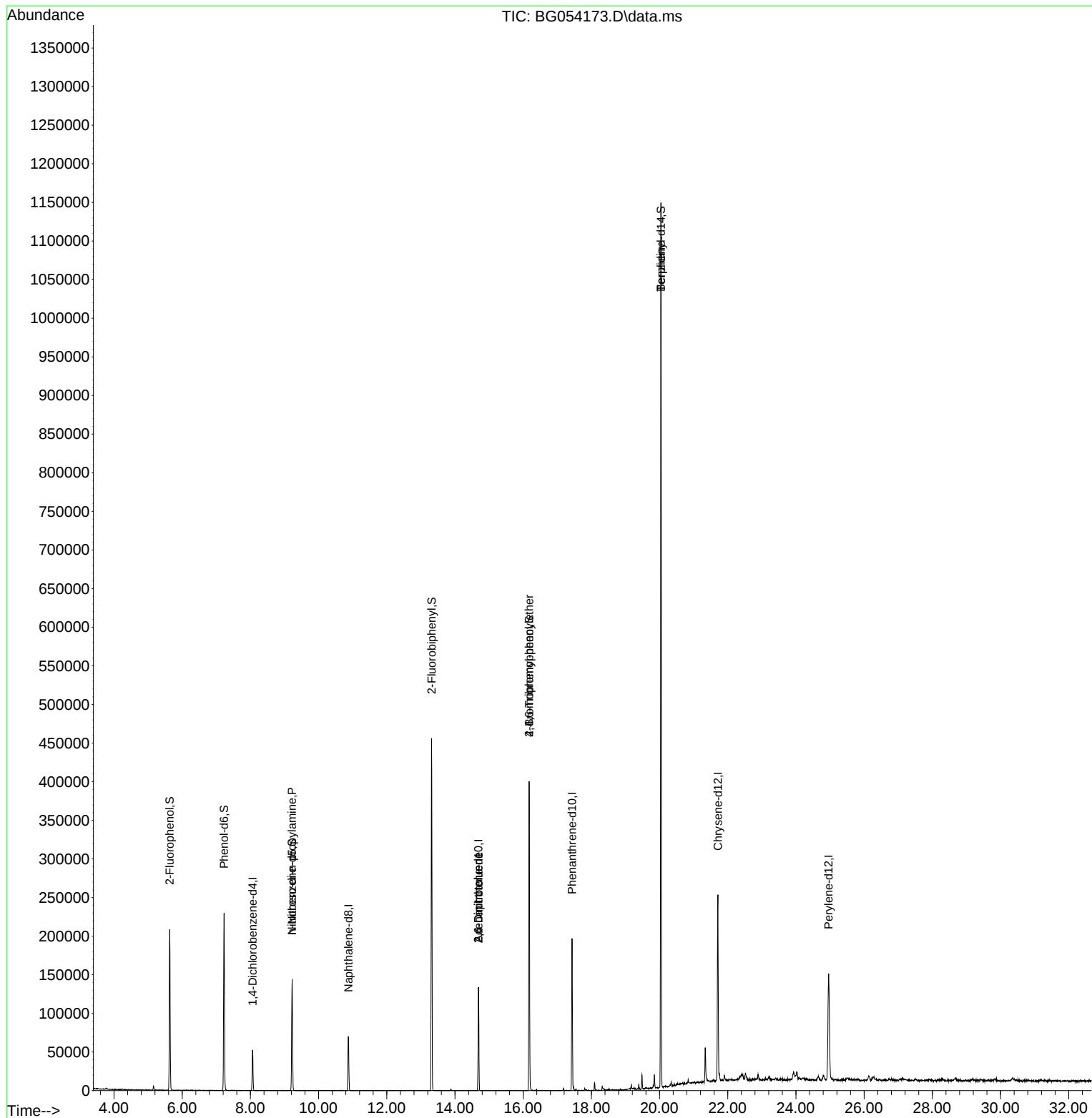
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	16802	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	67843	20.000	ng	0.00
39) Acenaphthene-d10	14.689	164	53351	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	144307	20.000	ng	# 0.00
76) Chrysene-d12	21.710	240	165287	20.000	ng	0.00
86) Perylene-d12	24.959	264	170164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	95250	108.386	ng	0.00
7) Phenol-d6	7.227	99	134614	112.915	ng	0.00
23) Nitrobenzene-d5	9.225	82	90594	75.041	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	102024	119.023	ng	0.00
45) 2-Fluorobiphenyl	13.314	172	269166	73.364	ng	0.00
79) Terphenyl-d14	20.041	244	650925	79.318	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.225	70	12543	15.661	ng	# 82
51) 2,6-Dinitrotoluene	14.689	165	7199	8.769	ng	# 16
57) 2,4-Dinitrotoluene	14.689	165	7199	6.209	ng	# 21
67) 4-Bromophenyl-phenylether	16.175	248	6182	3.430	ng	# 1
77) Benzidine	20.041	184	8446	2.467	ng	# 93

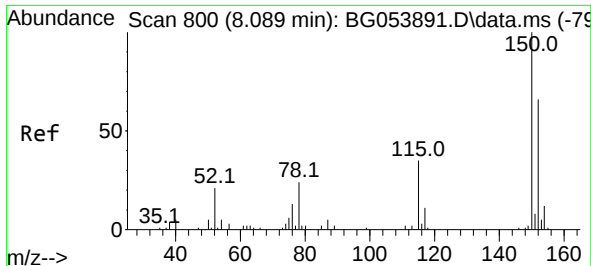
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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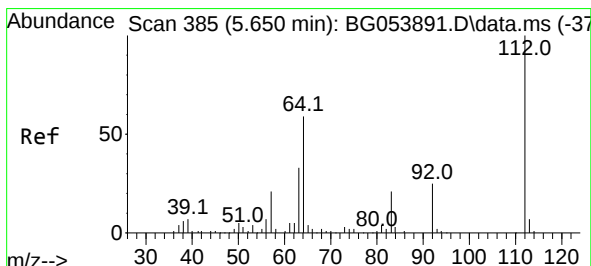
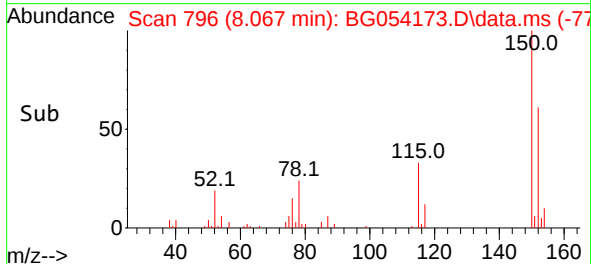
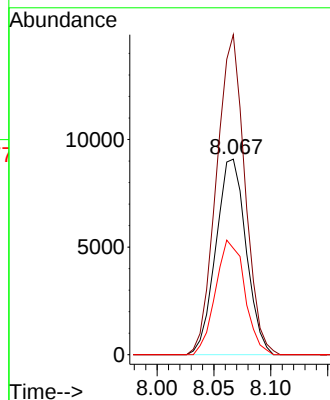
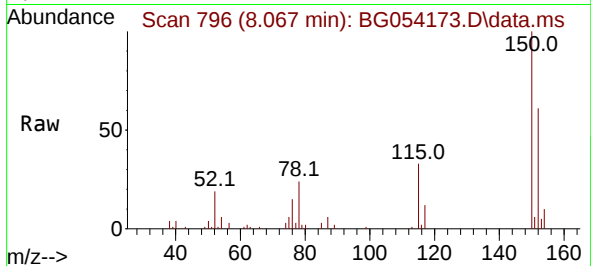




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.067 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

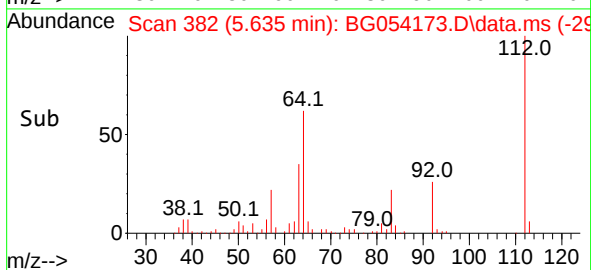
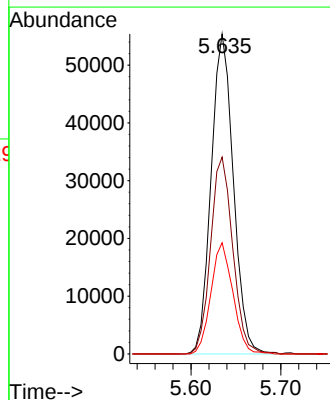
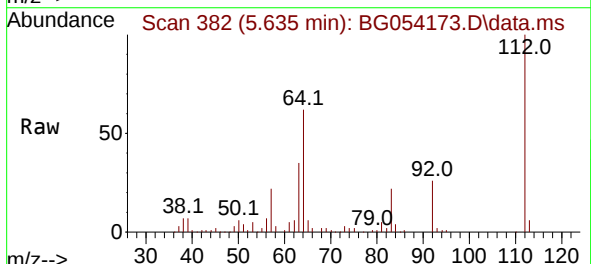
Instrument :
BNA_G
ClientSampleId :
V-1

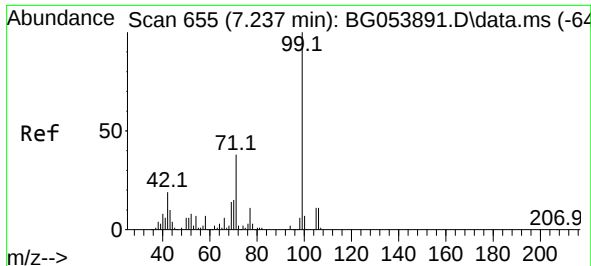
Tgt Ion:152 Resp: 16802
Ion Ratio Lower Upper
152 100
150 163.7 131.6 197.4
115 54.4 50.9 76.3



#5
2-Fluorophenol
Concen: 108.386 ng
RT: 5.635 min Scan# 382
Delta R.T. -0.003 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

Tgt Ion:112 Resp: 95250
Ion Ratio Lower Upper
112 100
64 61.5 55.1 82.7
63 34.7 30.4 45.6

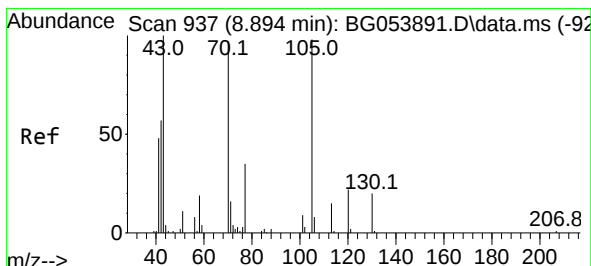
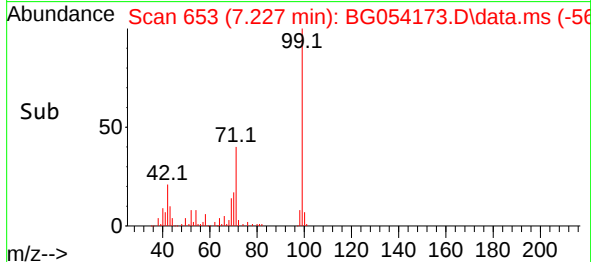
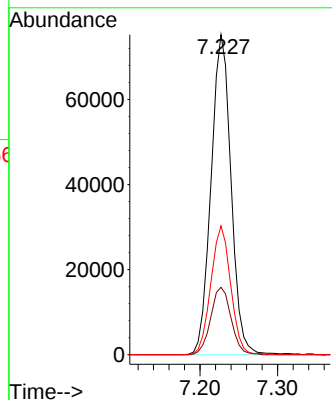
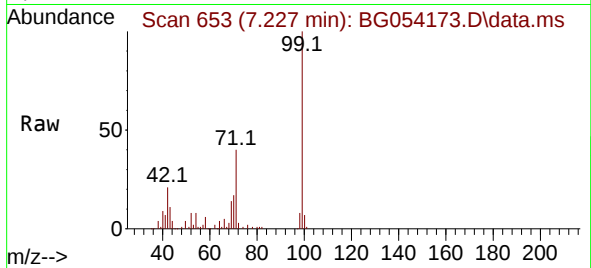




#7
Phenol-d6
Concen: 112.915 ng
RT: 7.227 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

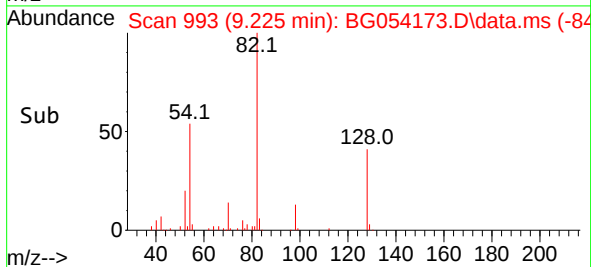
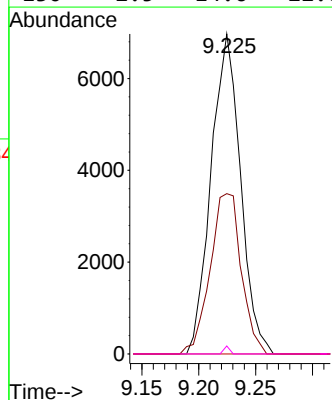
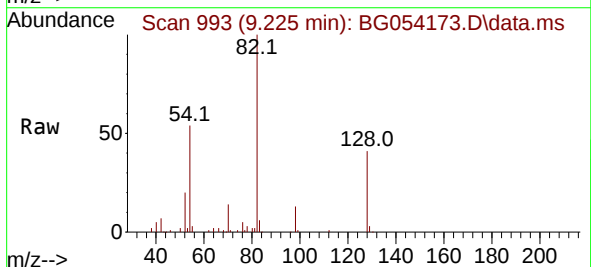
Instrument :
BNA_G
ClientSampleId :
V-1

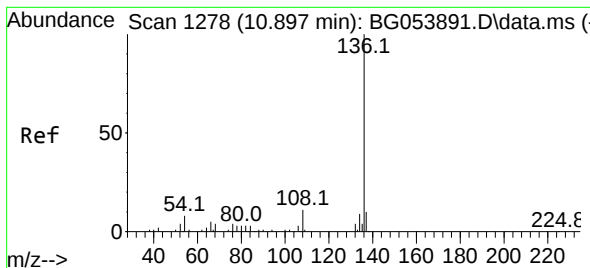
Tgt Ion: 99 Resp: 134614
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 40.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.661 ng
RT: 9.225 min Scan# 993
Delta R.T. 0.349 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

Tgt Ion: 70 Resp: 12543
Ion Ratio Lower Upper
70 100
42 50.1 47.3 70.9
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.876 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG054173.D

Acq: 30 Jun 2022 17:26

Instrument :

BNA_G

ClientSampleId :

V-1

Tgt Ion:136 Resp: 67843

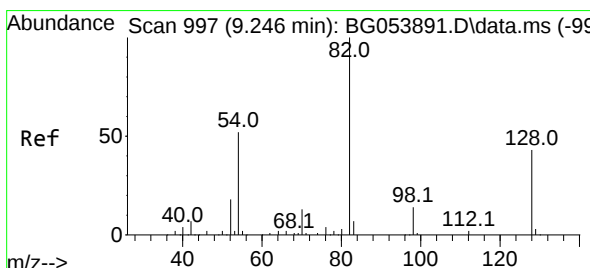
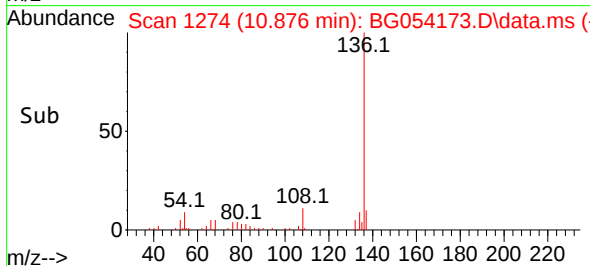
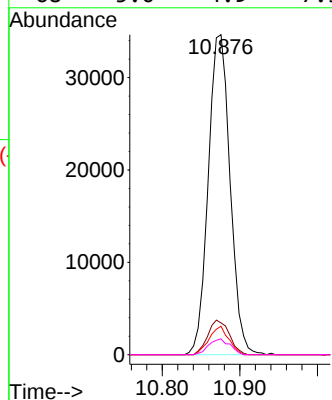
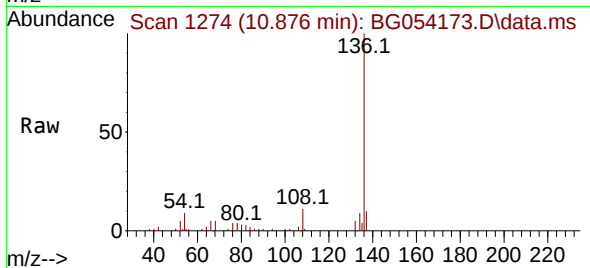
Ion Ratio Lower Upper

136 100

137 9.9 8.5 12.7

54 8.9 7.4 11.2

68 5.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 75.041 ng

RT: 9.225 min Scan# 993

Delta R.T. -0.009 min

Lab File: BG054173.D

Acq: 30 Jun 2022 17:26

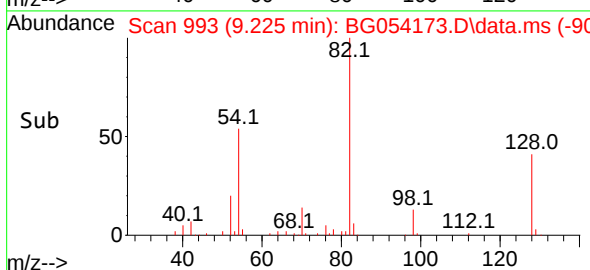
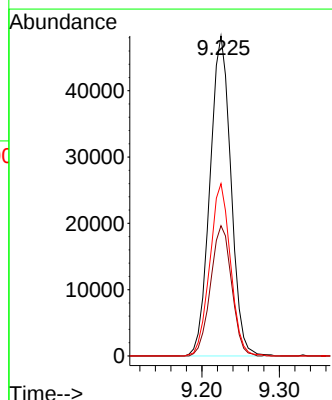
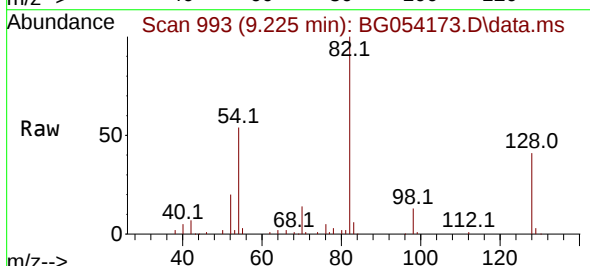
Tgt Ion: 82 Resp: 90594

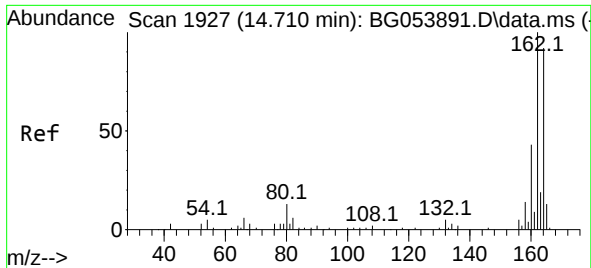
Ion Ratio Lower Upper

82 100

128 40.7 27.9 41.9

54 53.9 41.2 61.8

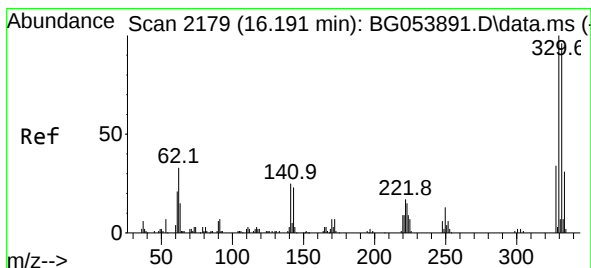
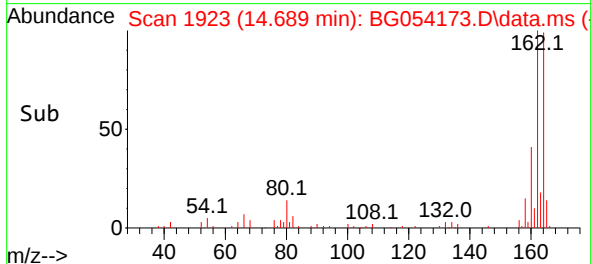
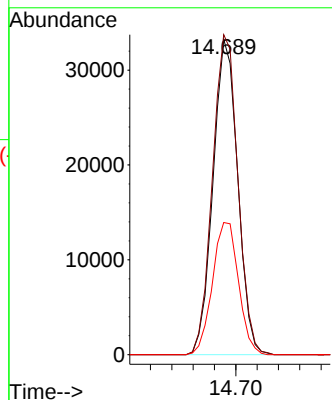
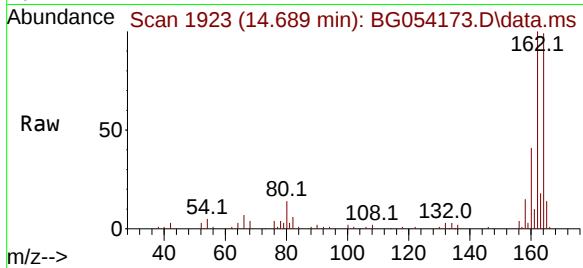




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.689 min Scan# 1923
Delta R.T. -0.009 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

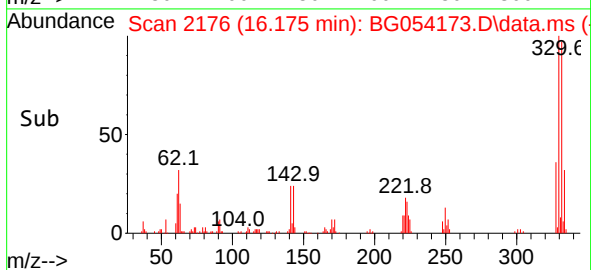
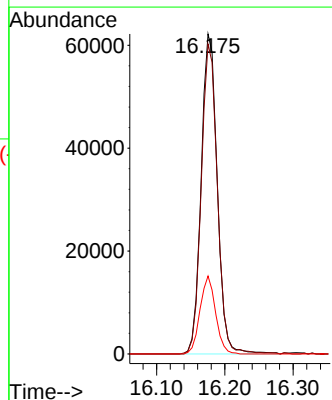
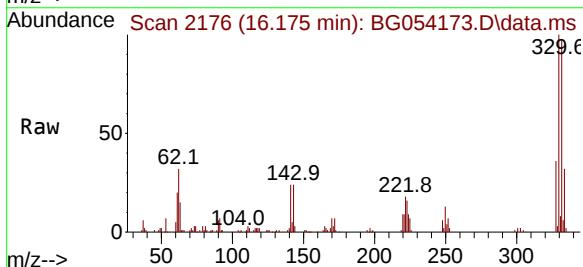
Instrument :
BNA_G
ClientSampleId :
V-1

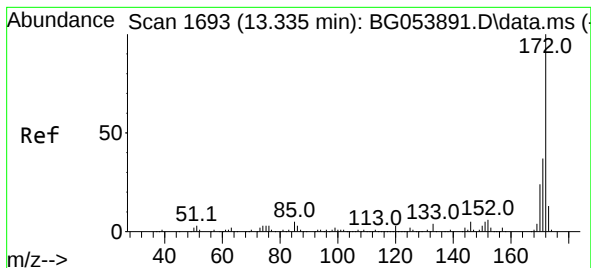
Tgt Ion:164 Resp: 53351
Ion Ratio Lower Upper
164 100
162 101.4 82.3 123.5
160 41.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 119.023 ng
RT: 16.175 min Scan# 2176
Delta R.T. -0.009 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

Tgt Ion:330 Resp: 102024
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 23.5 27.1 40.7#

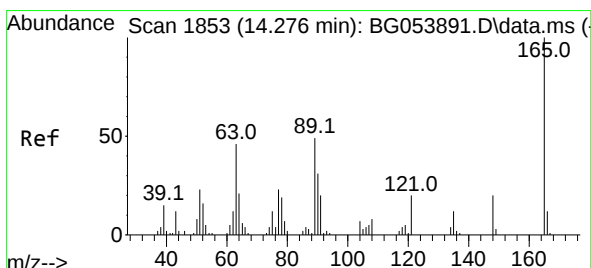
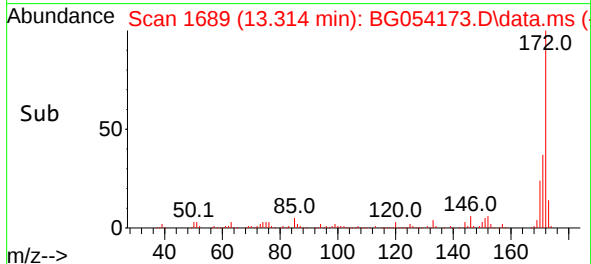
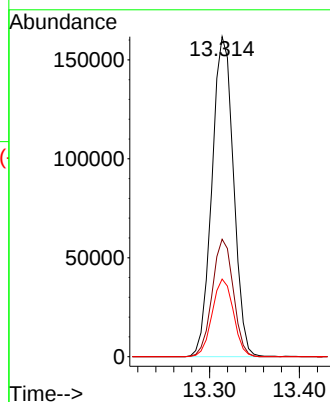
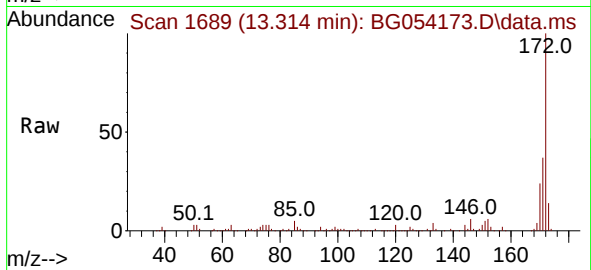




#45
2-Fluorobiphenyl
Concen: 73.364 ng
RT: 13.314 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

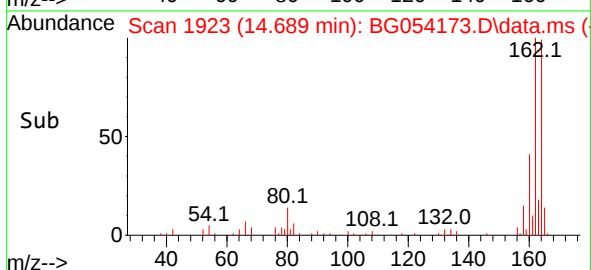
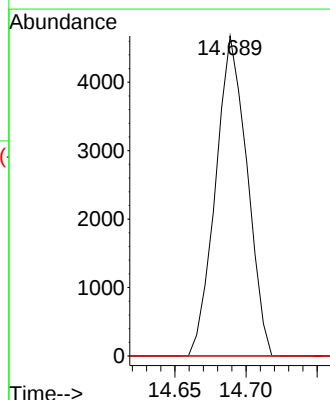
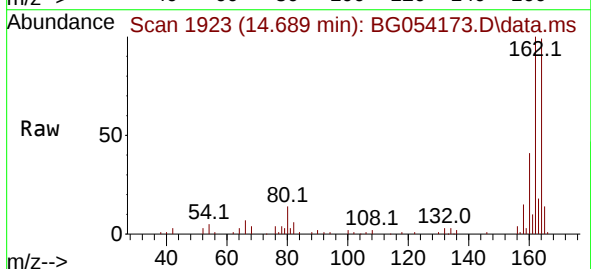
Instrument :
BNA_G
ClientSampleId :
V-1

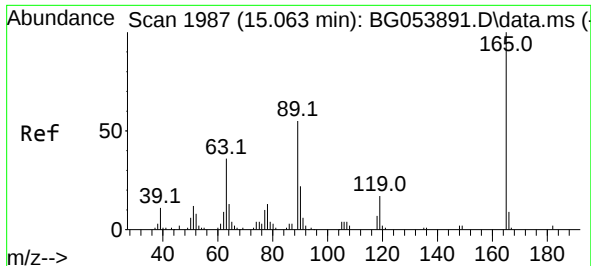
Tgt Ion:172 Resp: 269166
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.769 ng
RT: 14.689 min Scan# 1923
Delta R.T. 0.426 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

Tgt Ion:165 Resp: 7199
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

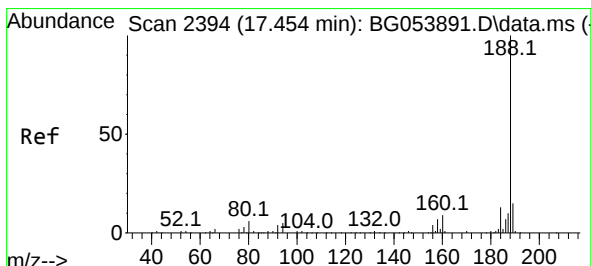
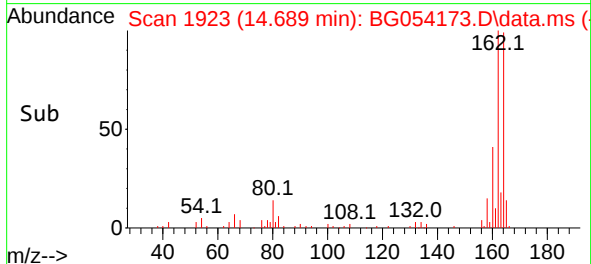
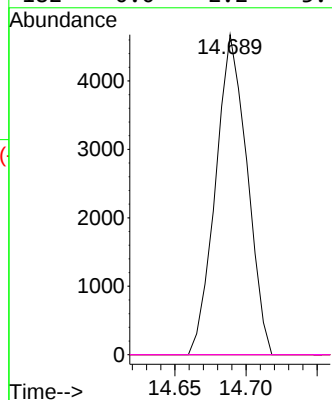
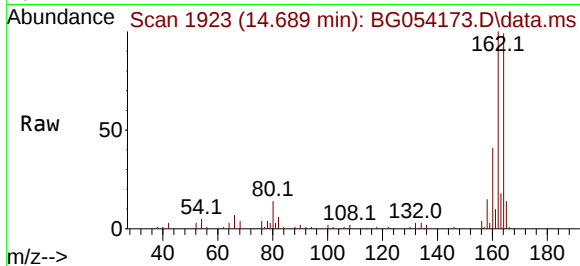




#57
2,4-Dinitrotoluene
Concen: 6.209 ng
RT: 14.689 min Scan# 1987
Delta R.T. -0.362 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

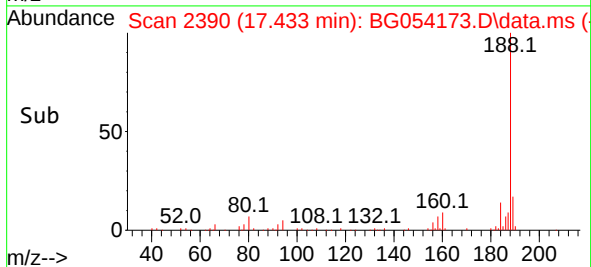
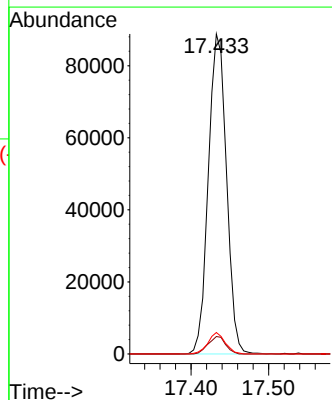
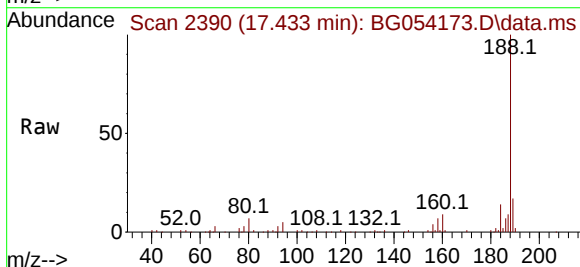
Instrument :
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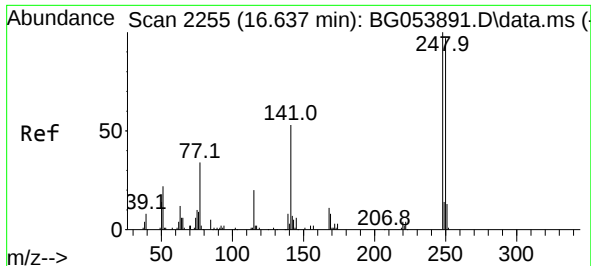
Tgt Ion:165	Resp:	7199
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	0.0	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2390
Delta R.T. -0.009 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

Tgt Ion:188	Resp:	144307
Ion Ratio	Lower	Upper
188	100	
94	5.4	5.4
80	6.7	6.8

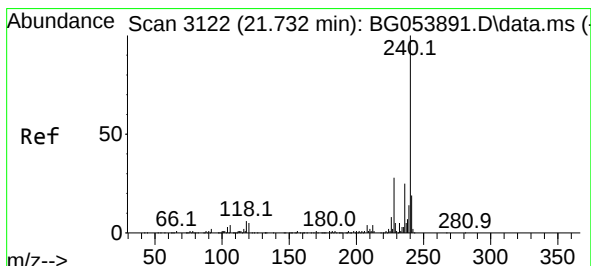
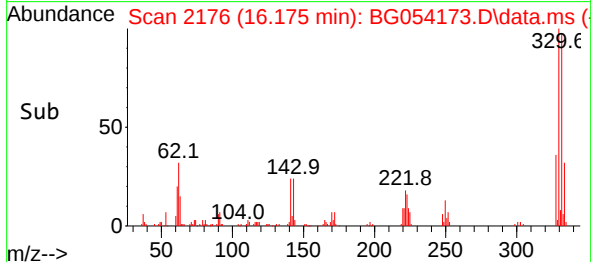
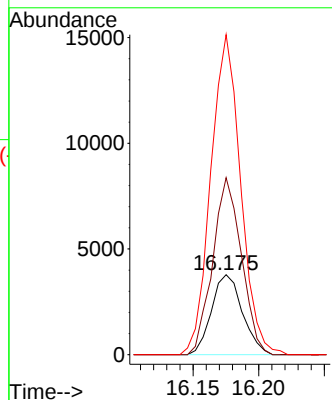
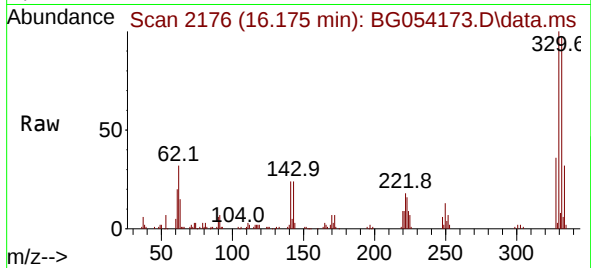




#67
4-Bromophenyl-phenylether
Concen: 3.430 ng
RT: 16.175 min Scan# 2118
Delta R.T. -0.450 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

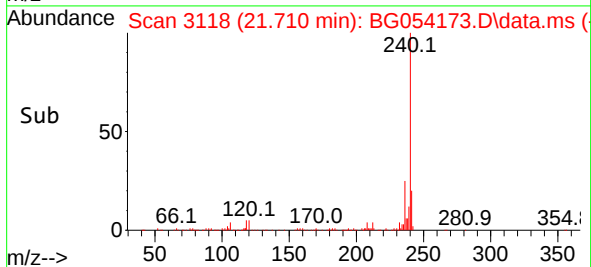
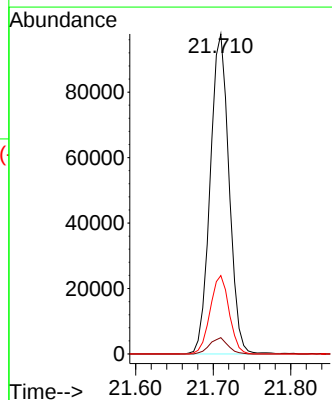
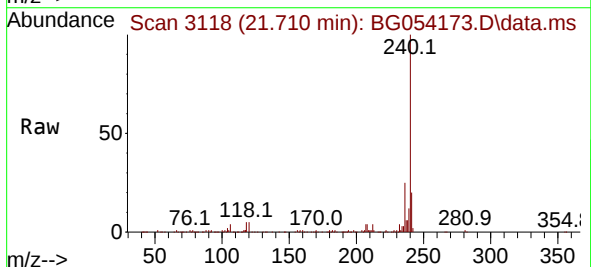
Instrument :
BNA_G
ClientSampleId :
V-1

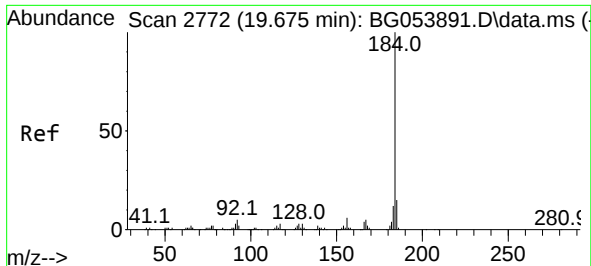
Tgt Ion:248 Resp: 6182
Ion Ratio Lower Upper
248 100
250 171.8 75.2 112.8#
141 310.7 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3118
Delta R.T. -0.009 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

Tgt Ion:240 Resp: 165287
Ion Ratio Lower Upper
240 100
120 5.1 4.6 7.0
236 24.5 20.2 30.4

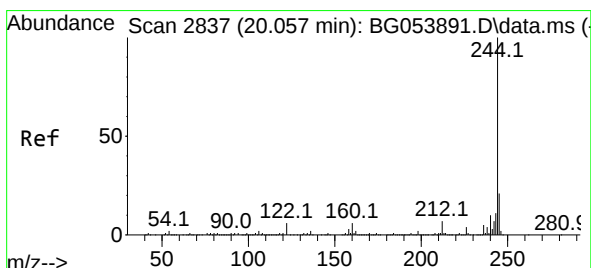
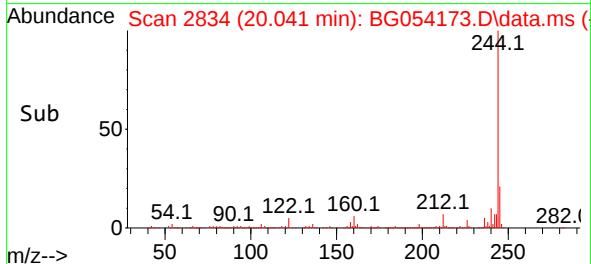
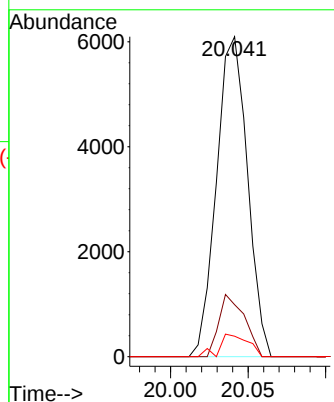
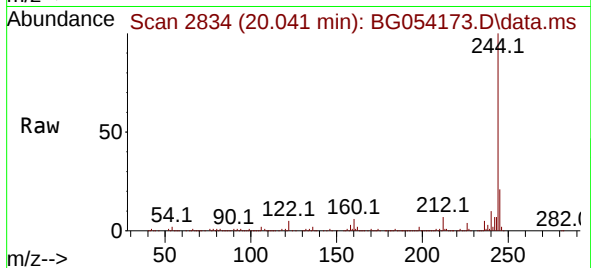




#77
Benzidine
Concen: 2.467 ng
RT: 20.041 min Scan# 2834
Delta R.T. 0.379 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

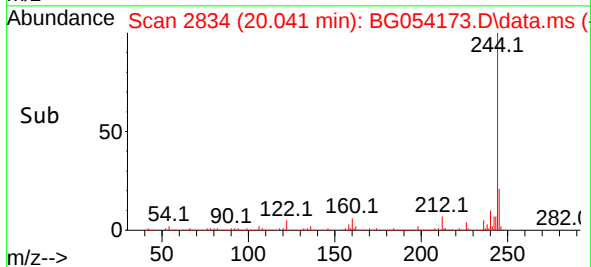
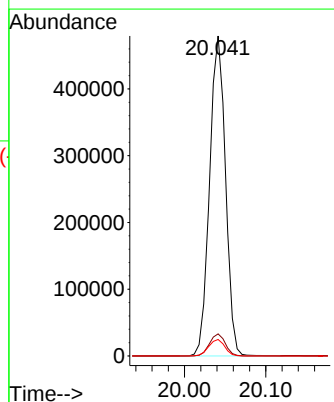
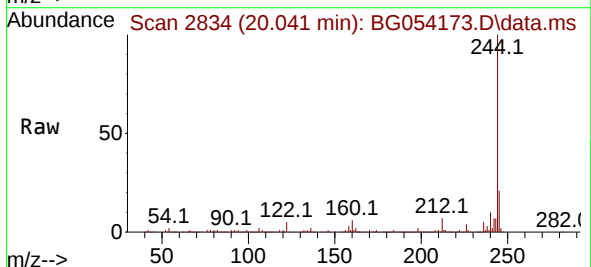
Instrument :
BNA_G
ClientSampleId :
V-1

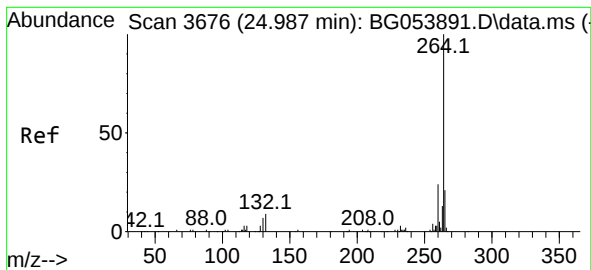
Tgt Ion:184 Resp: 8446
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 6.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 79.318 ng
RT: 20.041 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

Tgt Ion:244 Resp: 650925
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 5.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.959 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG054173.D
Acq: 30 Jun 2022 17:26

Instrument :
BNA_G
ClientSampleId :
V-1

Tgt Ion:264 Resp: 170164
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.4 17.4 26.2

