

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
 Data File : BG054911.D
 Acq On : 12 Sep 2022 18:12
 Operator : CG/JU
 Sample : N4555-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 257248-4

Quant Time: Sep 13 03:06:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

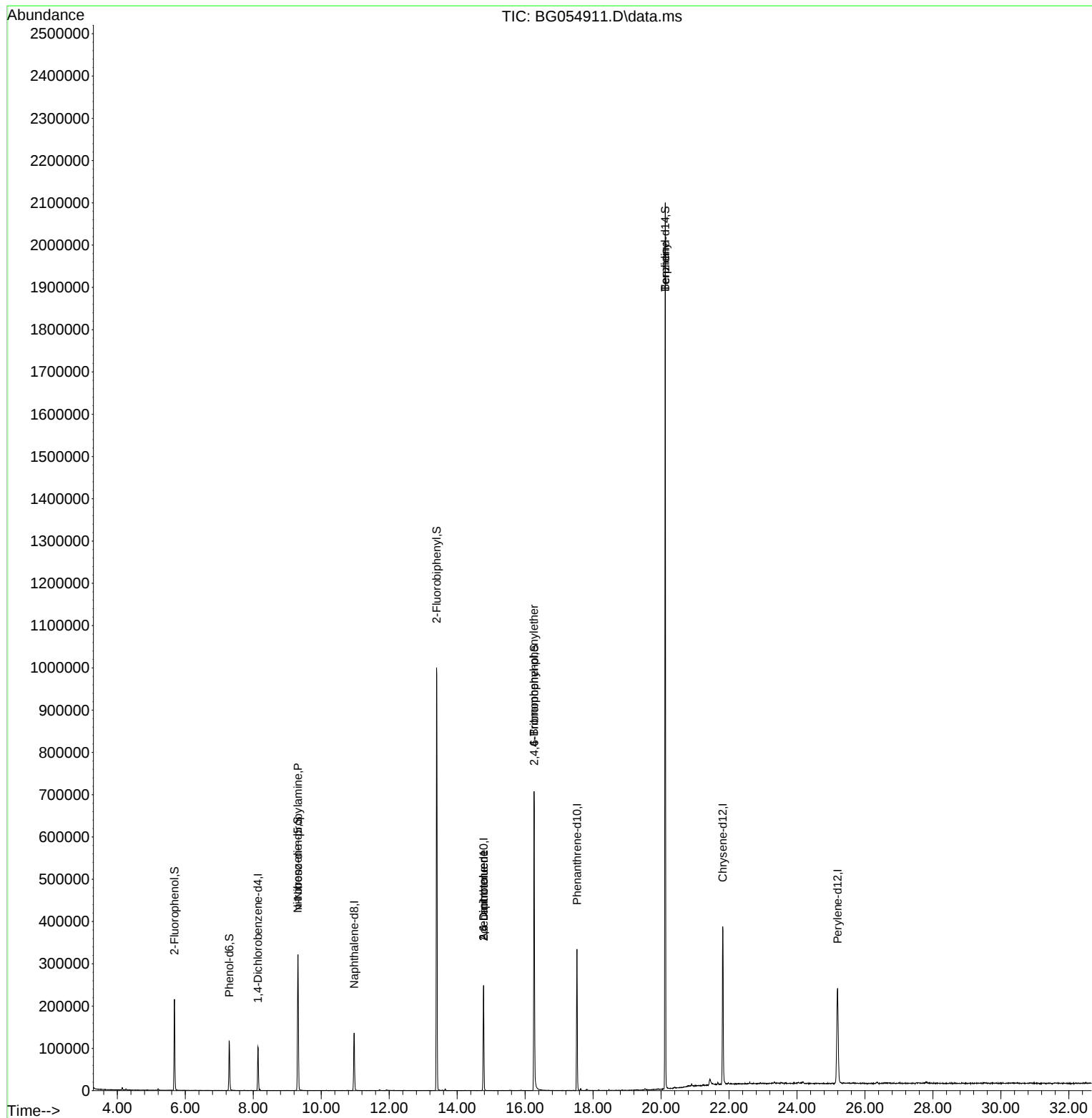
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	33479	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	132914	20.000	ng	# 0.00
39) Acenaphthene-d10	14.776	164	97326	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	237033	20.000	ng	0.00
76) Chrysene-d12	21.815	240	258197	20.000	ng	0.00
86) Perylene-d12	25.194	264	267808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	111134	57.805	ng	0.00
7) Phenol-d6	7.297	99	83915	31.916	ng	0.00
23) Nitrobenzene-d5	9.312	82	214314	84.647	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	182620	150.162	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	583450	90.103	ng	0.00
79) Terphenyl-d14	20.123	244	1086149	83.350	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.318	70	26328	14.561	ng	# 75
51) 2,6-Dinitrotoluene	14.776	165	12541	8.177	ng	# 20
57) 2,4-Dinitrotoluene	14.776	165	12541	5.912	ng	# 18
67) 4-Bromophenyl-phenylether	16.263	248	11072	4.254	ng	# 1
77) Benzidine	20.123	184	15314	2.395	ng	# 91

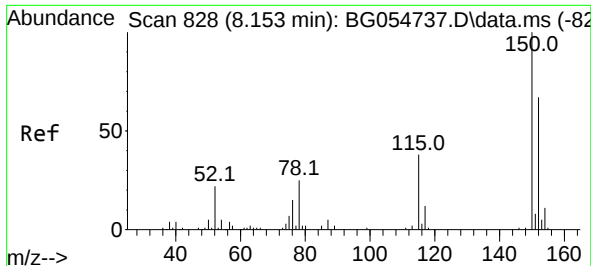
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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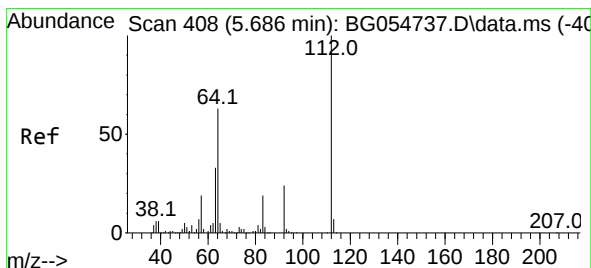
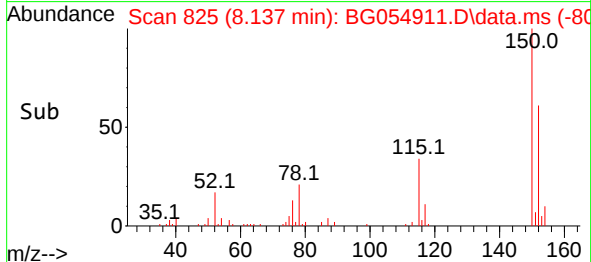
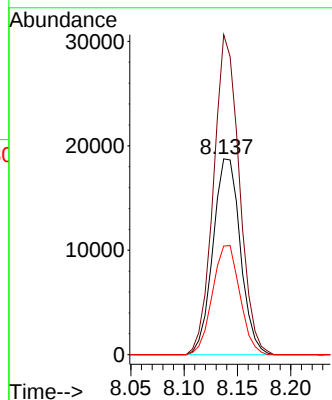
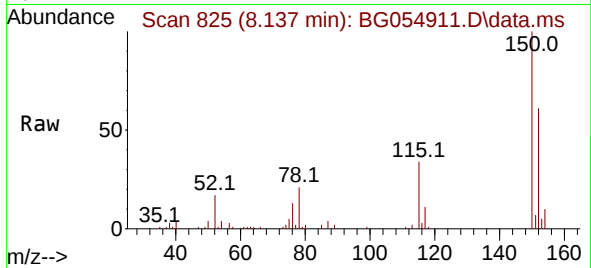




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.137 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

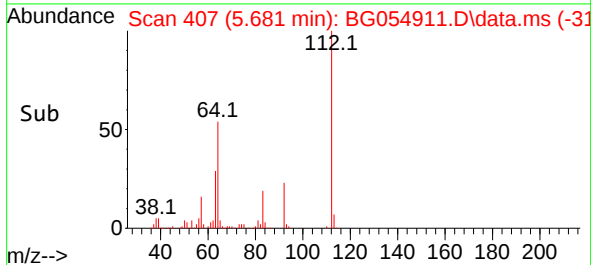
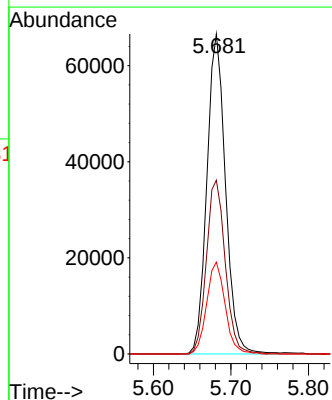
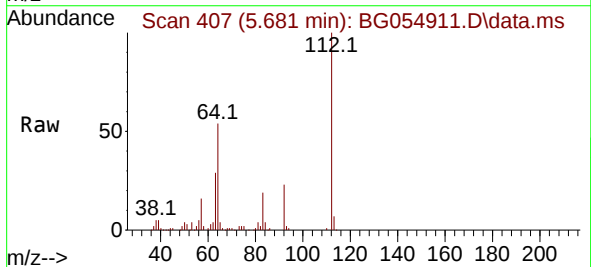
Instrument :
BNA_G
ClientSampleId :
257248-4

Tgt Ion:152 Resp: 33479
Ion Ratio Lower Upper
152 100
150 163.4 125.2 187.8
115 55.5 47.9 71.9



#5
2-Fluorophenol
Concen: 57.805 ng
RT: 5.681 min Scan# 407
Delta R.T. -0.003 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

Tgt Ion:112 Resp: 111134
Ion Ratio Lower Upper
112 100
64 54.3 49.3 73.9
63 28.7 26.3 39.5

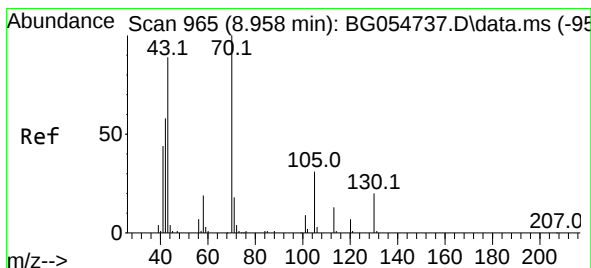
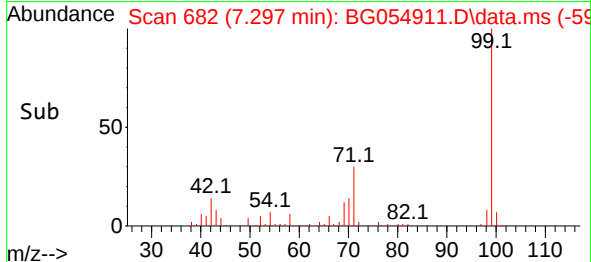
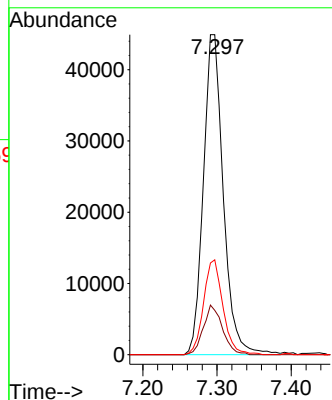
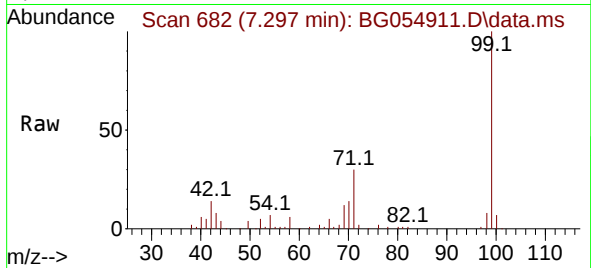




#7
Phenol-d6
Concen: 31.916 ng
RT: 7.297 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

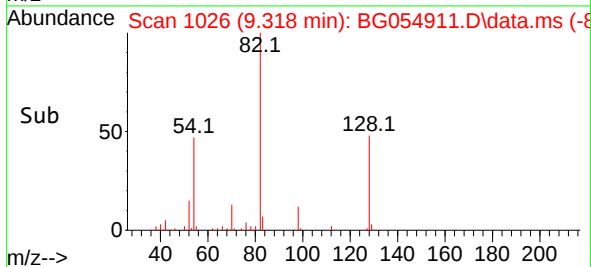
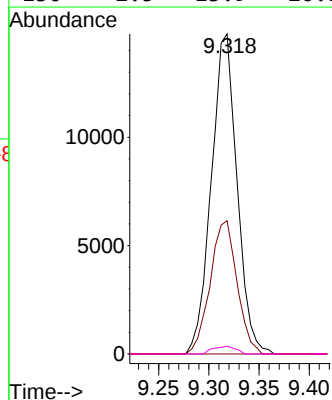
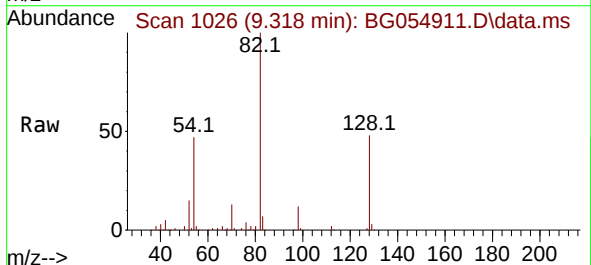
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ClientSampleId :
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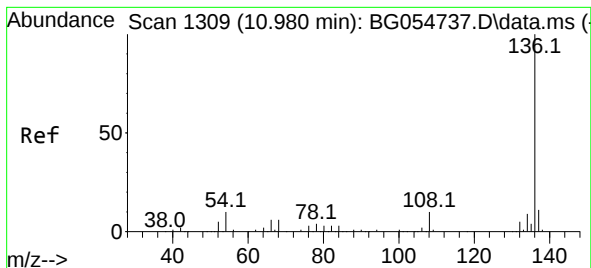
Tgt Ion: 99 Resp: 83915
Ion Ratio Lower Upper
99 100
42 13.8 14.6 22.0#
71 29.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.561 ng
RT: 9.318 min Scan# 1026
Delta R.T. 0.367 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

Tgt Ion: 70 Resp: 26328
Ion Ratio Lower Upper
70 100
42 41.7 46.6 69.8#
101 0.0 7.7 11.5#
130 2.5 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.969 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG054911.D

Acq: 12 Sep 2022 18:12

Instrument :

BNA_G

ClientSampleId :

257248-4

Tgt Ion:136 Resp: 132914

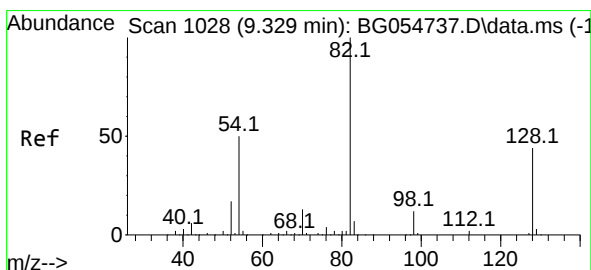
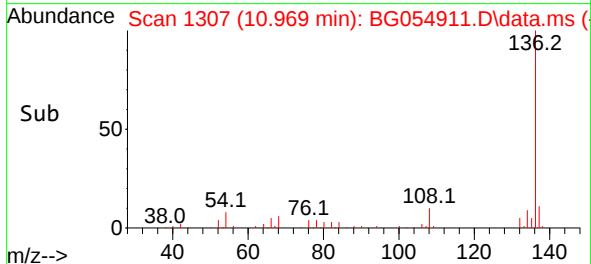
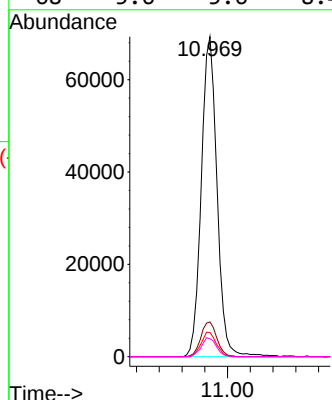
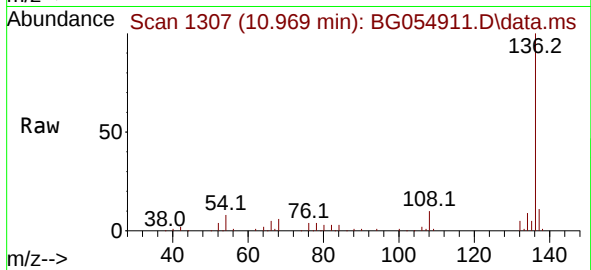
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.5 7.7 11.5#

68 5.6 5.6 8.4



#23

Nitrobenzene-d5

Concen: 84.647 ng

RT: 9.312 min Scan# 1025

Delta R.T. -0.009 min

Lab File: BG054911.D

Acq: 12 Sep 2022 18:12

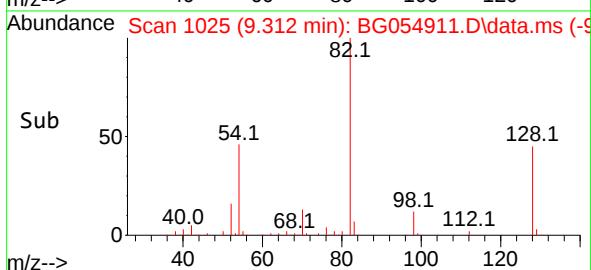
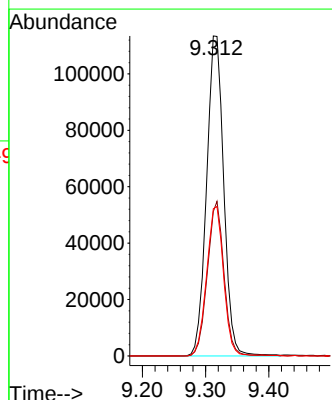
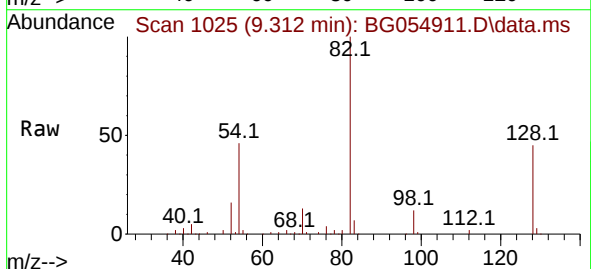
Tgt Ion: 82 Resp: 214314

Ion Ratio Lower Upper

82 100

128 45.2 32.2 48.2

54 46.0 41.4 62.0

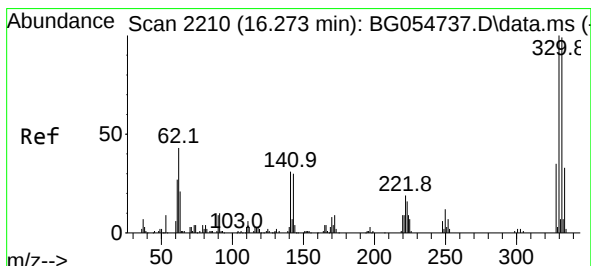
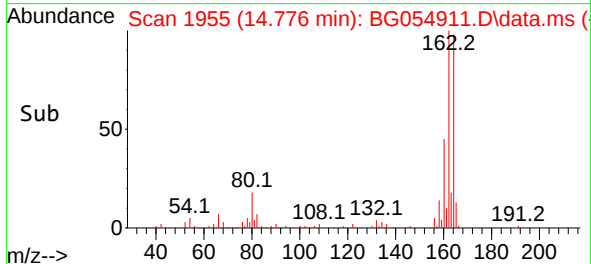
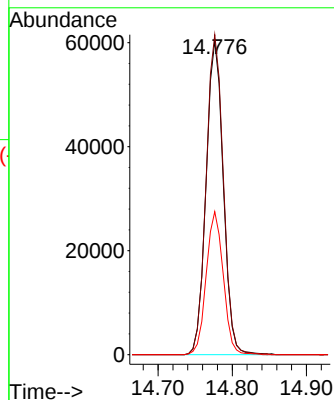
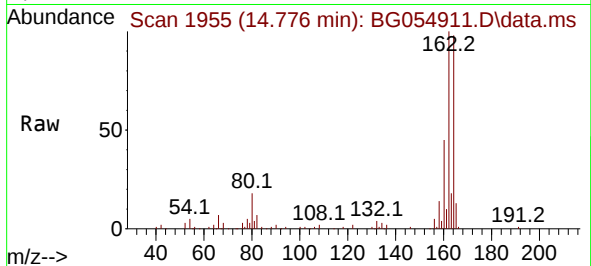




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.776 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

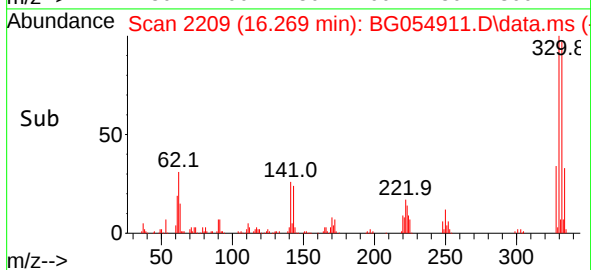
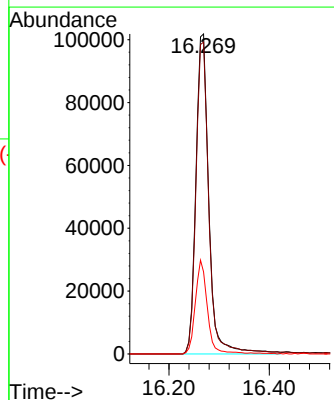
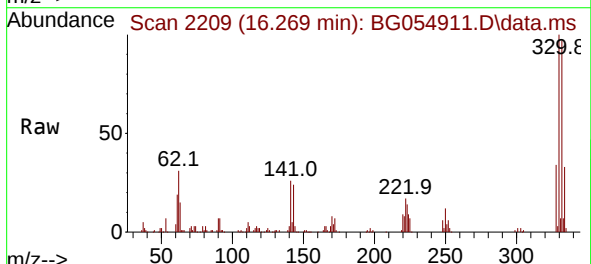
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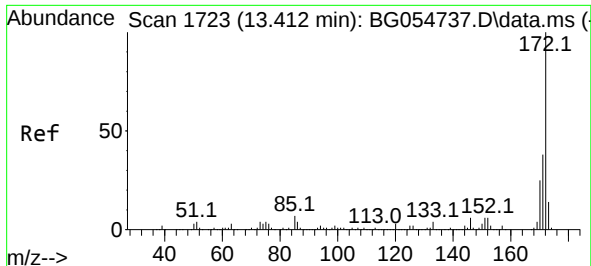
Tgt Ion:164 Resp: 97326
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 45.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 150.162 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.003 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

Tgt Ion:330 Resp: 182620
Ion Ratio Lower Upper
330 100
332 97.6 79.8 119.6
141 27.1 26.8 40.2

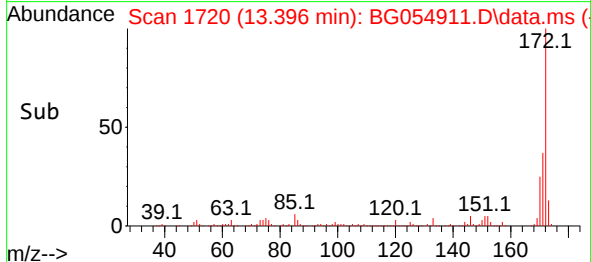
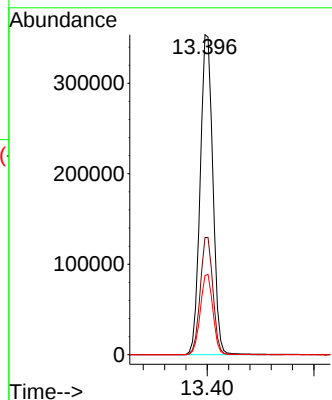
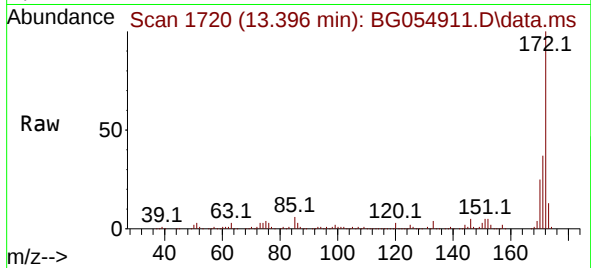




#45
2-Fluorobiphenyl
Concen: 90.103 ng
RT: 13.396 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

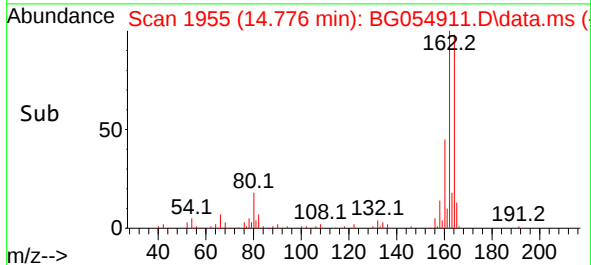
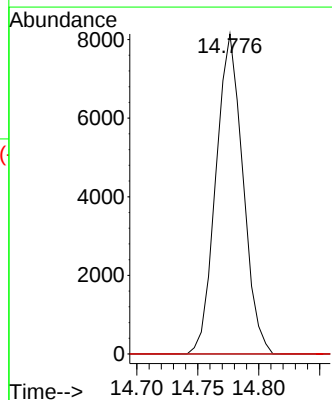
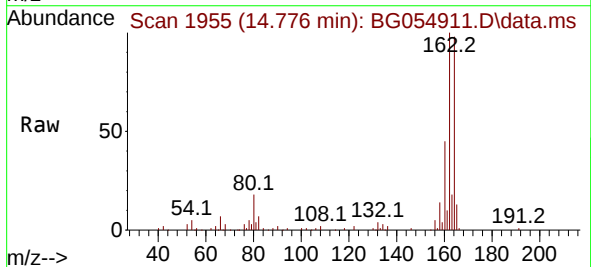
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ClientSampleId :
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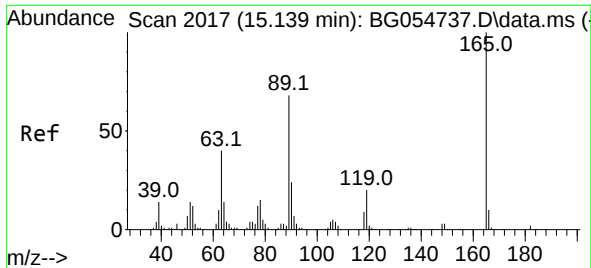
Tgt Ion:172 Resp: 583450
Ion Ratio Lower Upper
172 100
171 36.6 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.177 ng
RT: 14.776 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

Tgt Ion:165 Resp: 12541
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

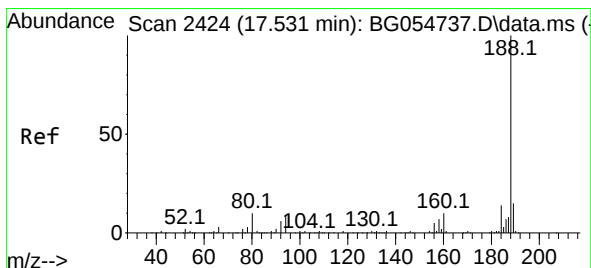
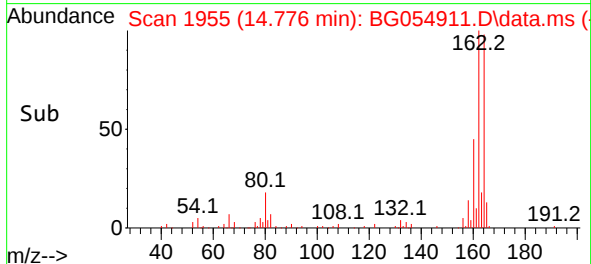
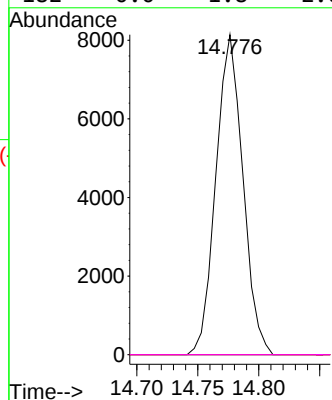
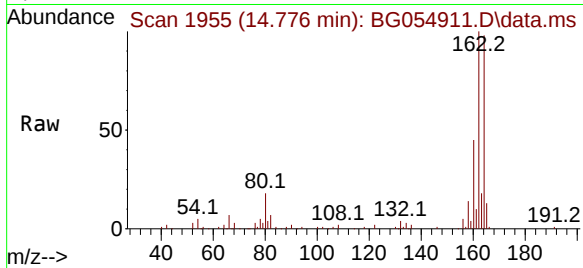




#57
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 14.776 min Scan# 1955
Delta R.T. -0.367 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

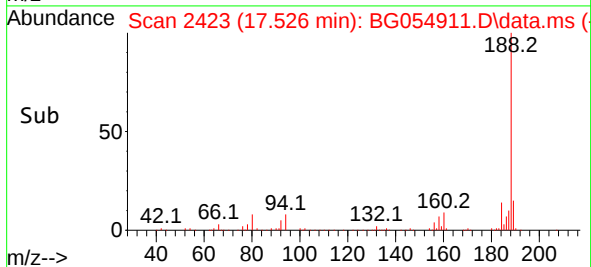
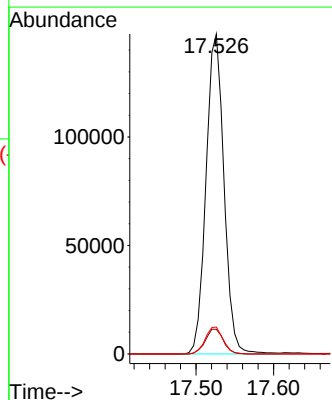
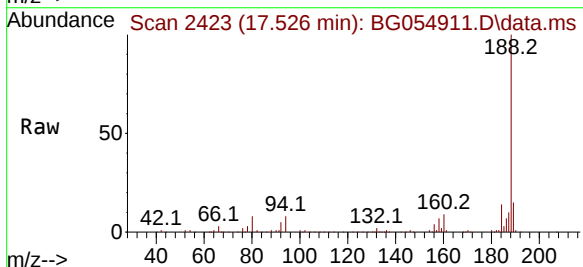
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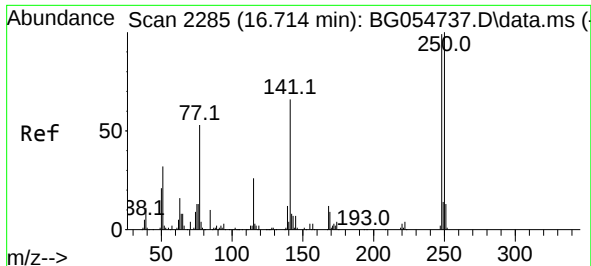
Tgt Ion:165 Resp: 12541
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.526 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

Tgt Ion:188 Resp: 237033
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.4 7.9 11.9

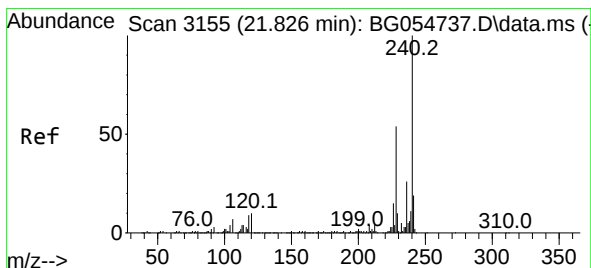
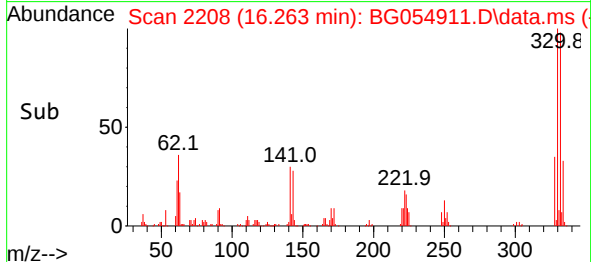
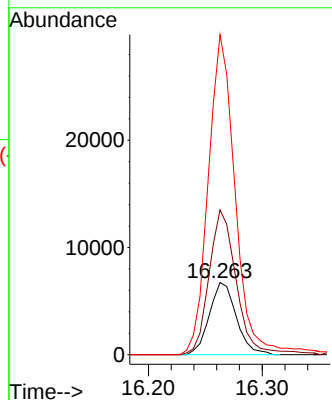
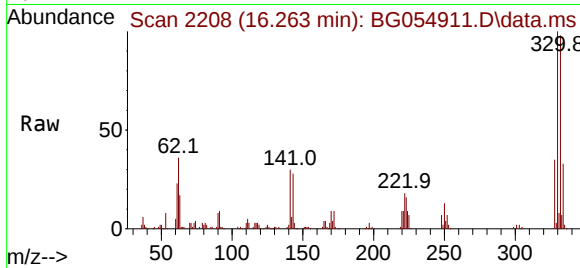




#67
4-Bromophenyl-phenylether
Concen: 4.254 ng
RT: 16.263 min Scan# 211
Delta R.T. -0.444 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

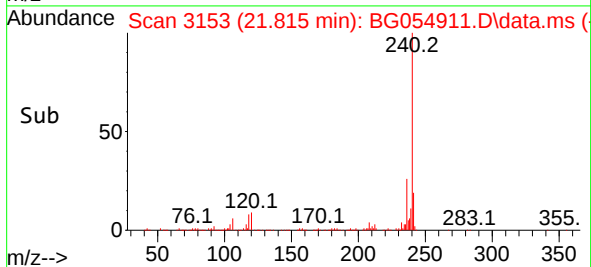
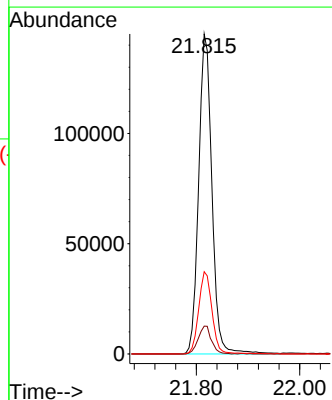
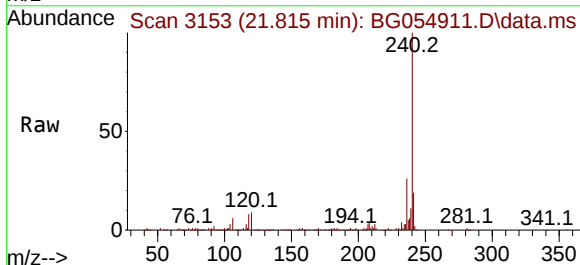
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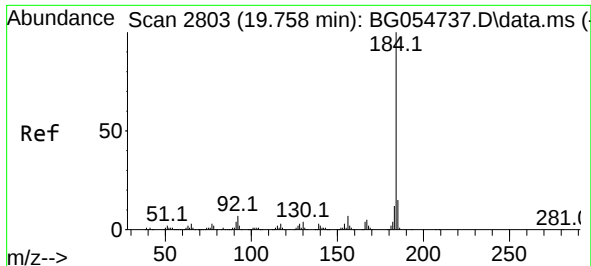
Tgt Ion:248 Resp: 11072
Ion Ratio Lower Upper
248 100
250 200.6 78.8 118.2#
141 443.2 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.815 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

Tgt Ion:240 Resp: 258197
Ion Ratio Lower Upper
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120 8.7 8.2 12.4
236 25.7 21.2 31.8

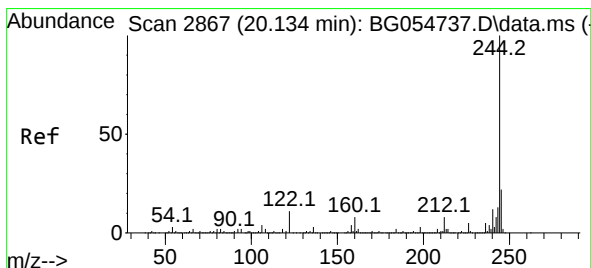
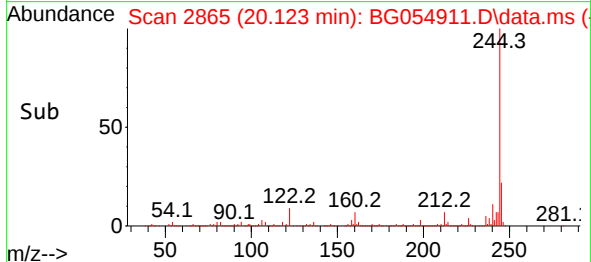
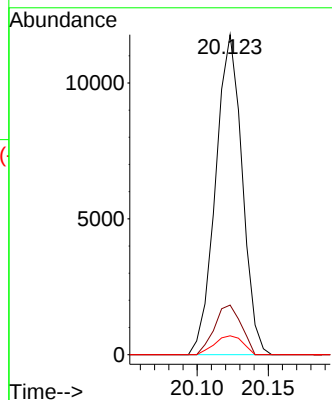
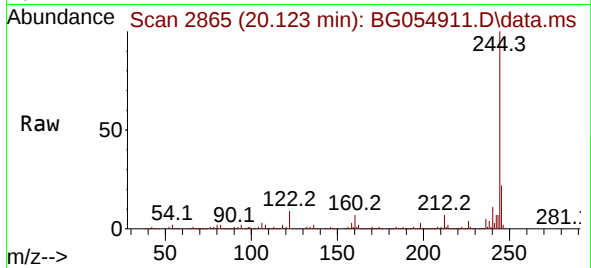




#77
Benzidine
Concen: 2.395 ng
RT: 20.123 min Scan# 21
Delta R.T. 0.373 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

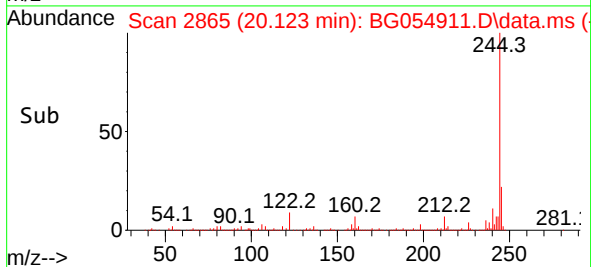
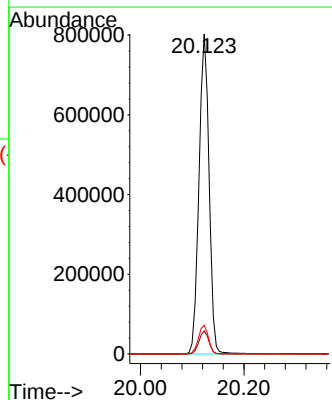
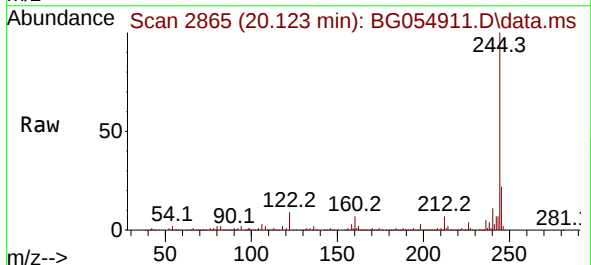
Instrument :
BNA_G
ClientSampleId :
257248-4

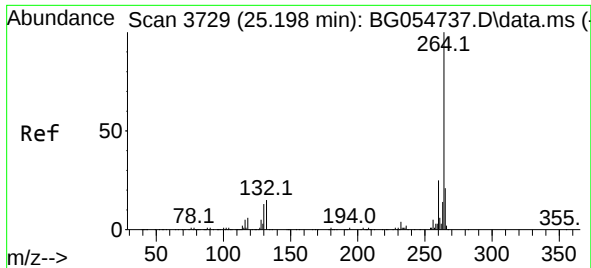
Tgt Ion:184 Resp: 15314
Ion Ratio Lower Upper
184 100
185 15.5 11.4 17.0
183 5.9 9.8 14.8#



#79
Terphenyl-d14
Concen: 83.350 ng
RT: 20.123 min Scan# 2865
Delta R.T. -0.003 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

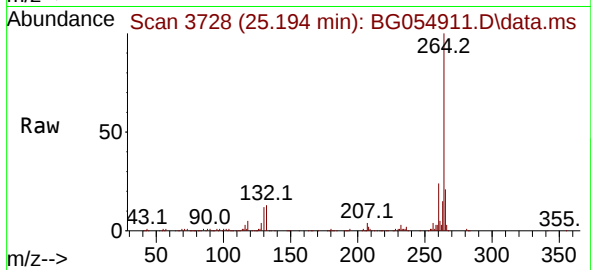
Tgt Ion:244 Resp: 1086149
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 9.0 9.0 13.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG054911.D
Acq: 12 Sep 2022 18:12

Instrument :
BNA_G
ClientSampleId :
257248-4



Tgt Ion:264 Resp: 267808
Ion Ratio Lower Upper
264 100
260 23.6 19.9 29.9
265 21.2 16.9 25.3

