

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055272.D
 Acq On : 25 Oct 2022 11:53
 Operator : CG/JU
 Sample : N5222-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 25 13:07:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

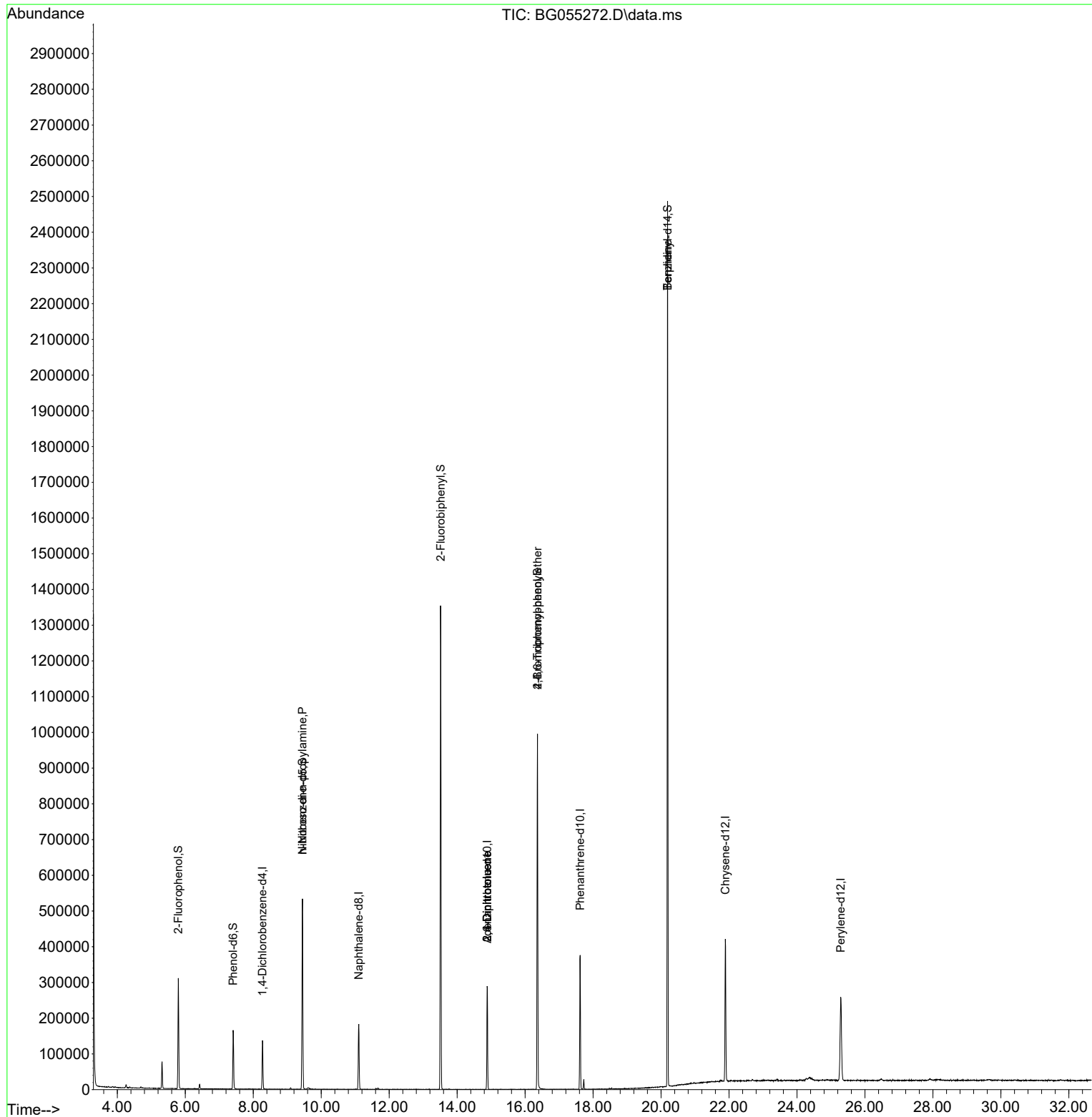
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	38795	20.000	ng	0.00
21) Naphthalene-d8	11.105	136	158618	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	100621	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	231186	20.000	ng	0.00
76) Chrysene-d12	21.892	240	237413	20.000	ng	0.00
86) Perylene-d12	25.288	264	246735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	138528	62.523	ng	0.00
7) Phenol-d6	7.409	99	101388	31.586	ng	0.00
23) Nitrobenzene-d5	9.448	82	340217	109.525	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	190217	173.899	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	692862	112.705	ng	0.00
79) Terphenyl-d14	20.194	244	1140227	99.785	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.448	70	44987	16.877	ng	# 79
51) 2,6-Dinitrotoluene	14.883	165	12900	8.024	ng	# 21
57) 2,4-Dinitrotoluene	14.883	165	12900	5.530	ng	# 19
67) 4-Bromophenyl-phenylether	16.363	248	12503	5.567	ng	# 1
77) Benzdine	20.194	184	18215	3.169	ng	# 88

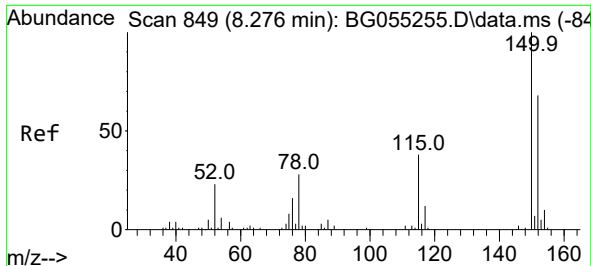
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055272.D
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Operator : CG/JU
Sample : N5222-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

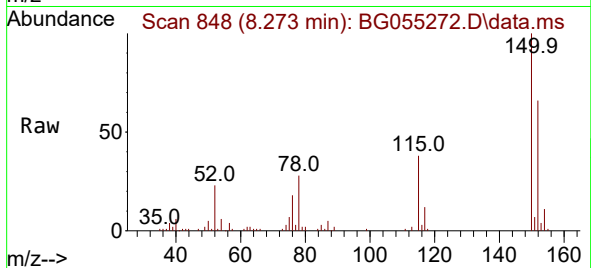
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



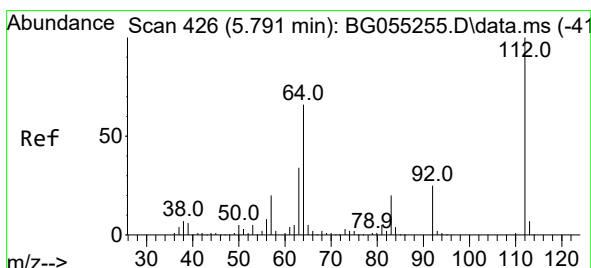
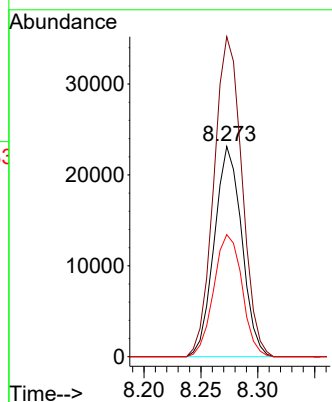
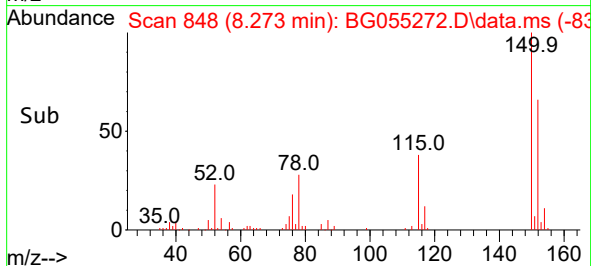


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.273 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

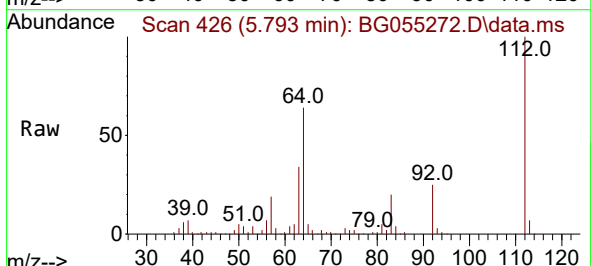
Instrument :
BNA_G
ClientSampleId :



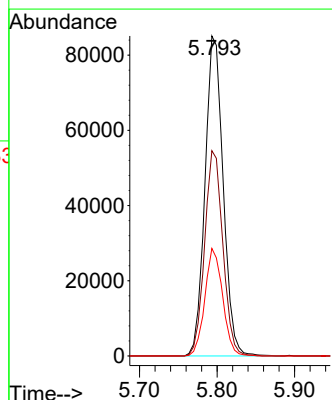
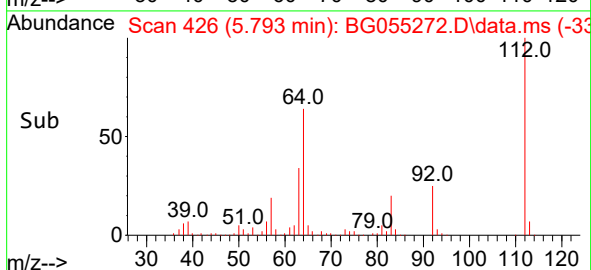
Tgt Ion:152 Resp: 38795
Ion Ratio Lower Upper
152 100
150 152.2 118.2 177.4
115 58.1 44.5 66.7



#5
2-Fluorophenol
Concen: 62.523 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53



Tgt Ion:112 Resp: 138528
Ion Ratio Lower Upper
112 100
64 64.2 52.6 78.8
63 33.6 27.1 40.7

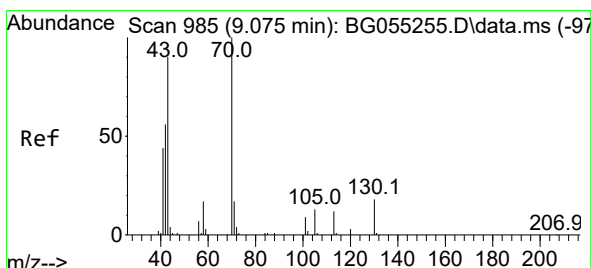
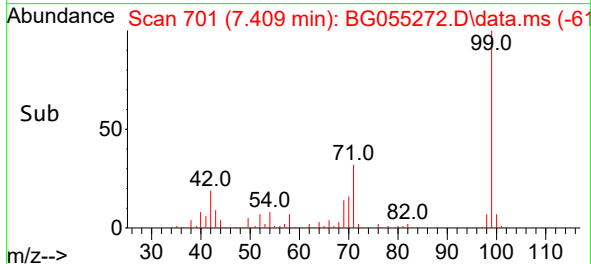
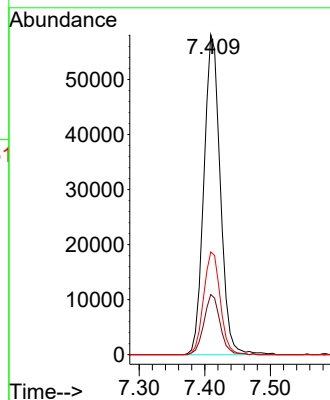
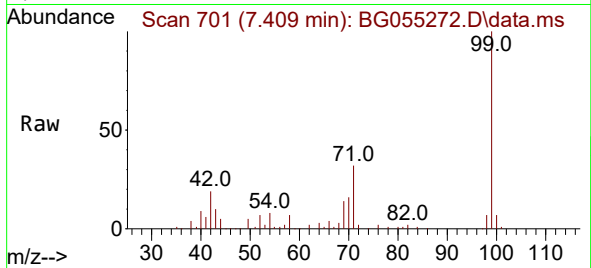




#7
Phenol-d6
Concen: 31.586 ng
RT: 7.409 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

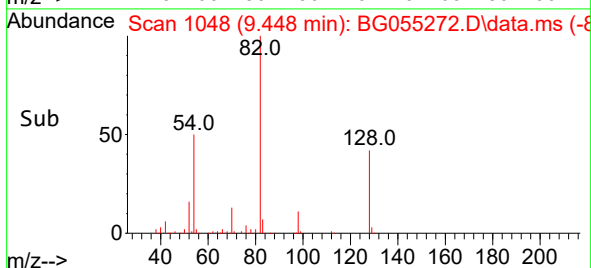
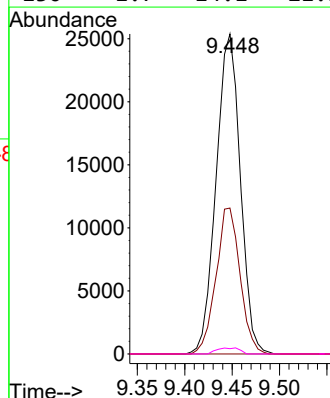
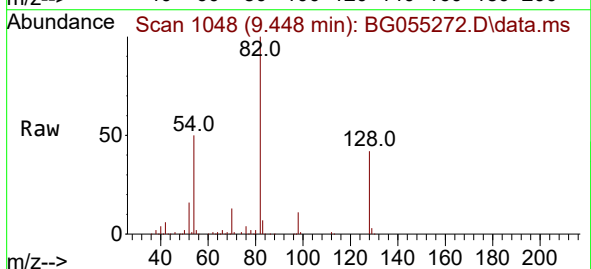
Instrument :
BNA_G
ClientSampleId :

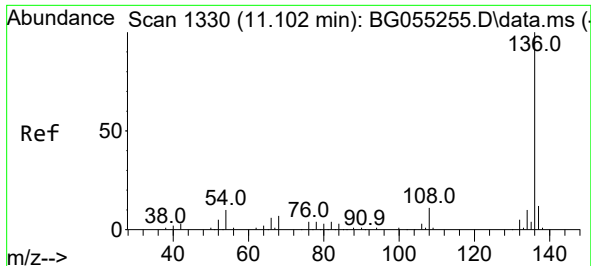
Tgt Ion: 99 Resp: 101388
Ion Ratio Lower Upper
99 100
42 18.8 15.2 22.8
71 32.1 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.877 ng
RT: 9.448 min Scan# 1048
Delta R.T. 0.372 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

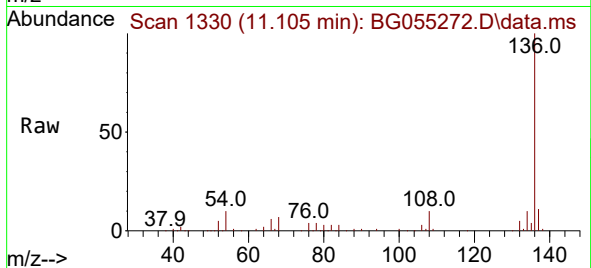
Tgt Ion: 70 Resp: 44987
Ion Ratio Lower Upper
70 100
42 45.6 45.8 68.6#
101 0.0 7.4 11.0#
130 1.7 14.1 21.1#



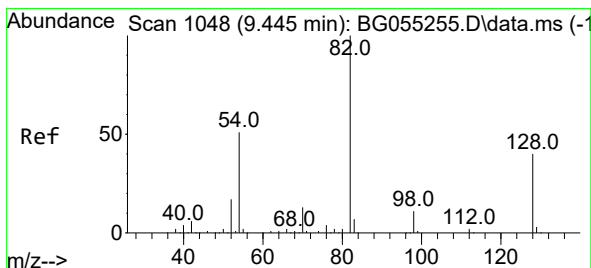
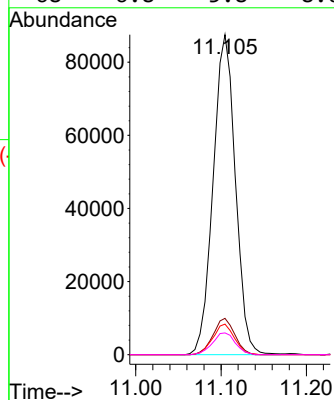


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.105 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

Instrument :
BNA_G
ClientSampleId :

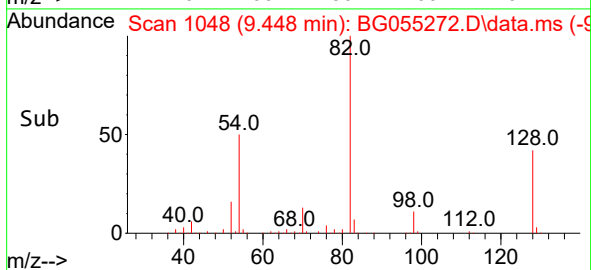
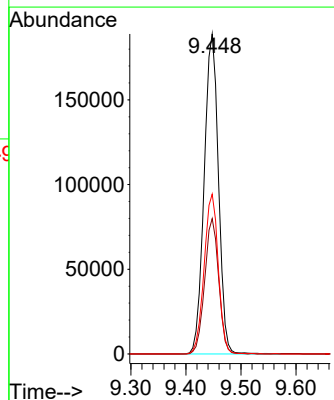
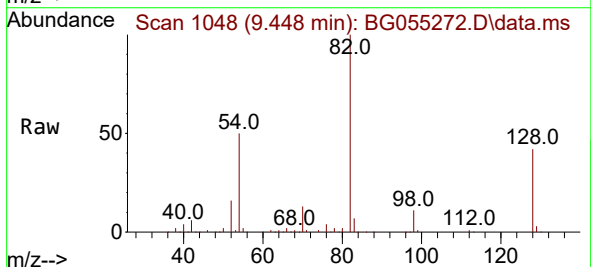


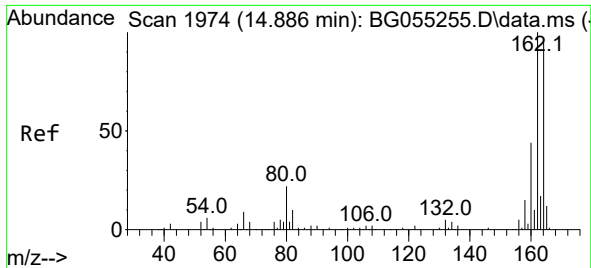
Tgt Ion:136 Resp: 158618
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.6 7.8 11.8
68 6.8 5.8 8.6



#23
Nitrobenzene-d5
Concen: 109.525 ng
RT: 9.448 min Scan# 1048
Delta R.T. 0.002 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

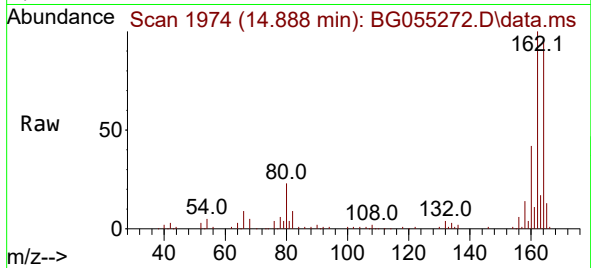
Tgt Ion: 82 Resp: 340217
Ion Ratio Lower Upper
82 100
128 42.3 32.0 48.0
54 50.0 40.9 61.3



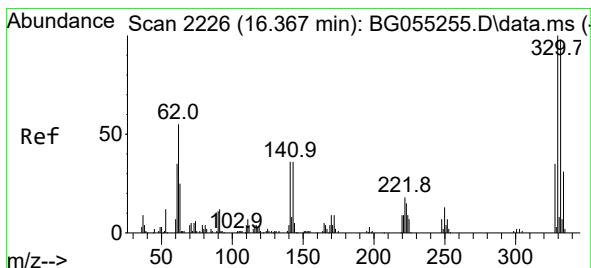
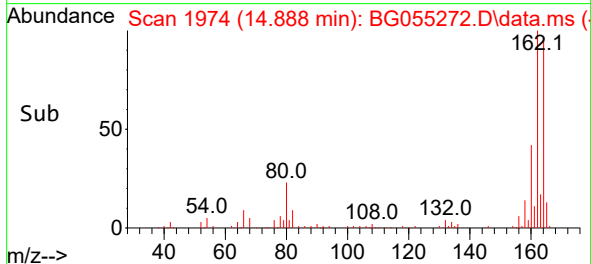
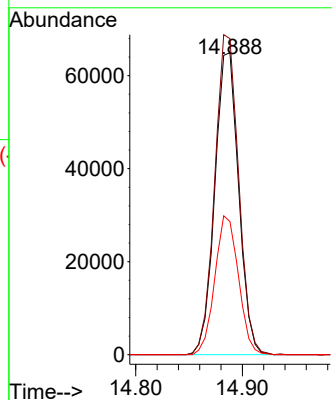


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.888 min Scan# 1974
Delta R.T. 0.002 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

Instrument :
BNA_G
ClientSampleId :

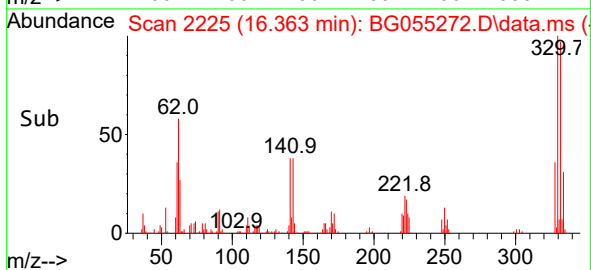
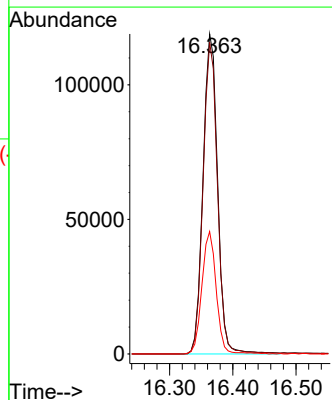
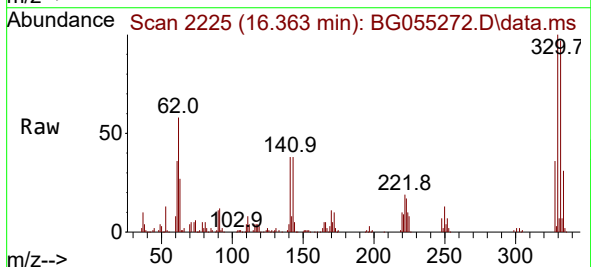


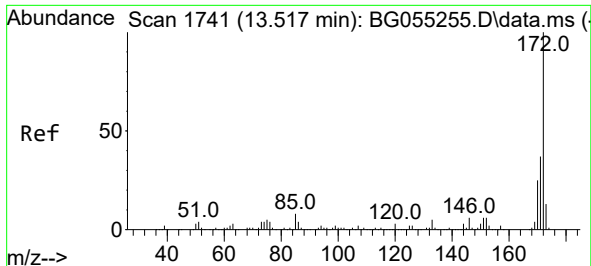
Tgt Ion:164 Resp: 100621
Ion Ratio Lower Upper
164 100
162 104.7 84.0 126.0
160 44.1 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 173.899 ng
RT: 16.363 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

Tgt Ion:330 Resp: 190217
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 37.7 29.8 44.8

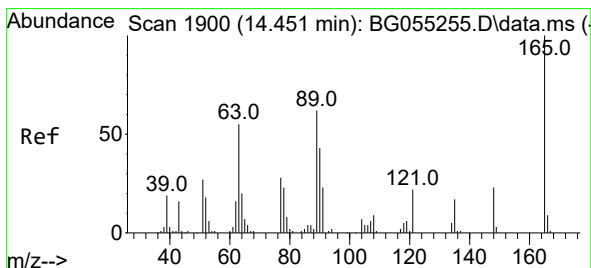
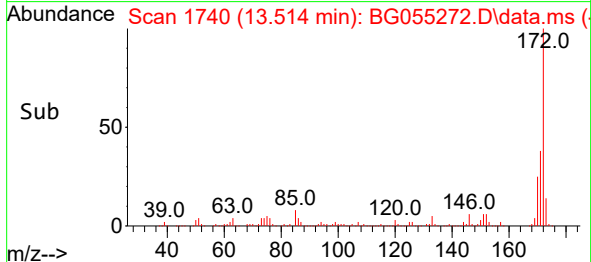
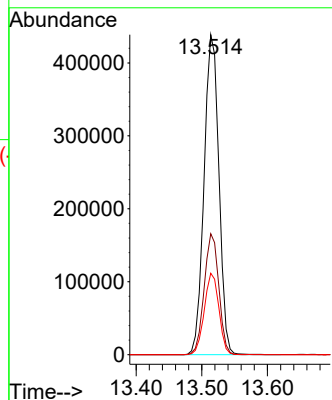
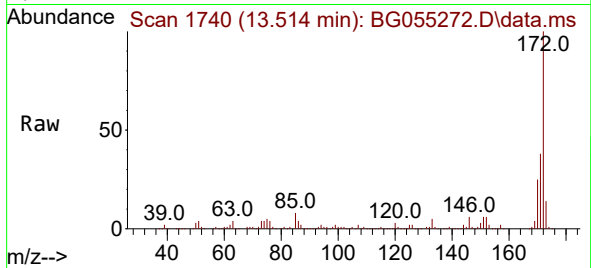




#45
2-Fluorobiphenyl
Concen: 112.705 ng
RT: 13.514 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

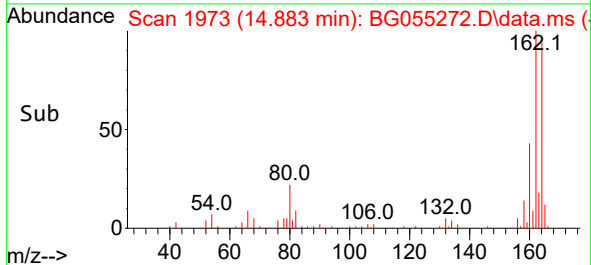
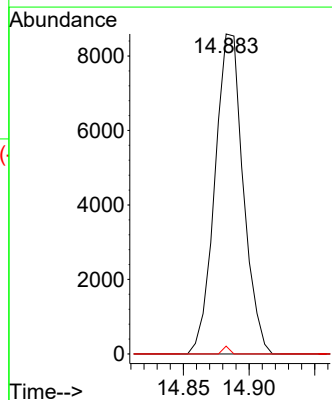
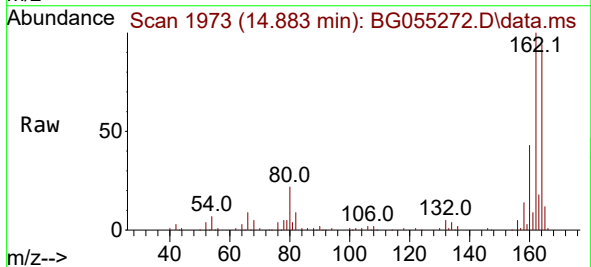
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 692862
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 25.4 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.024 ng
RT: 14.883 min Scan# 1973
Delta R.T. 0.431 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

Tgt Ion:165 Resp: 12900
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 2.4 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.530 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.350 min

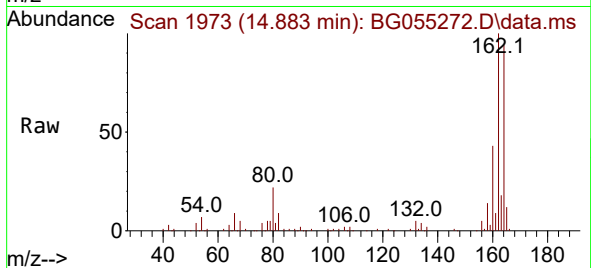
Lab File: BG055272.D

Acq: 25 Oct 2022 11:53

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 12900

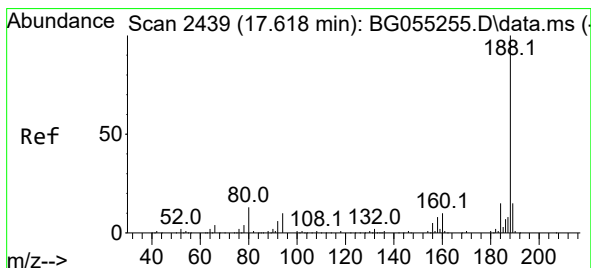
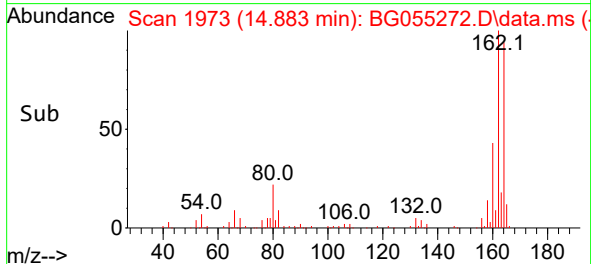
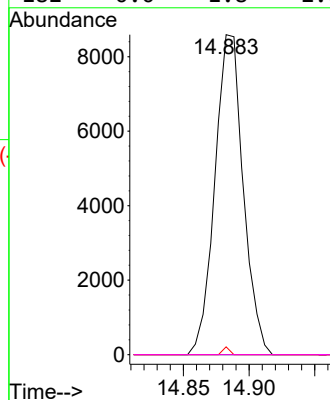
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 2.4 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.621 min Scan# 2439

Delta R.T. 0.003 min

Lab File: BG055272.D

Acq: 25 Oct 2022 11:53

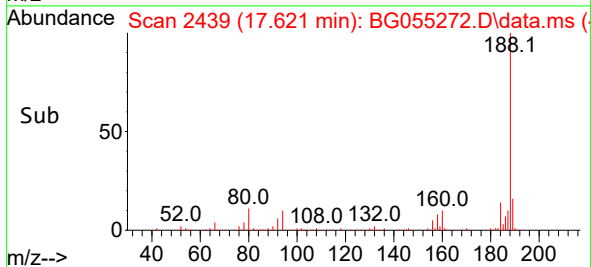
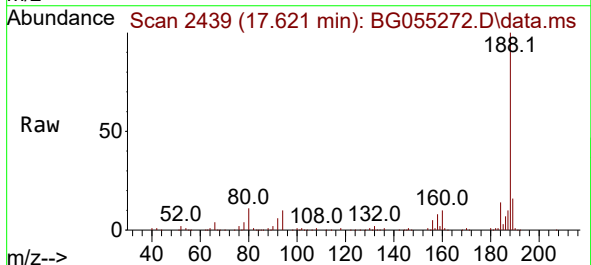
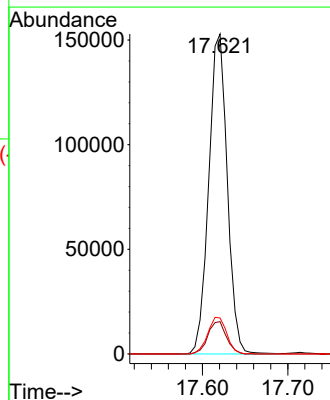
Tgt Ion:188 Resp: 231186

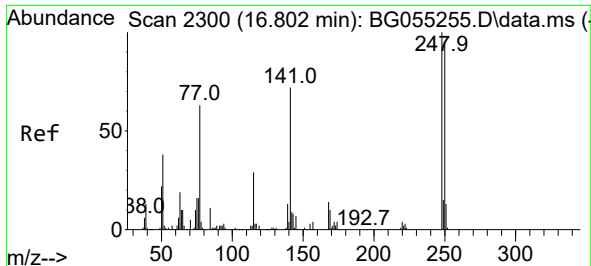
Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

80 11.2 10.1 15.1

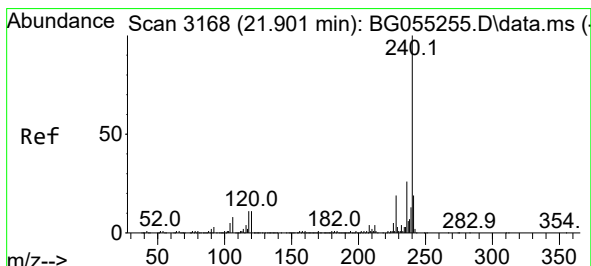
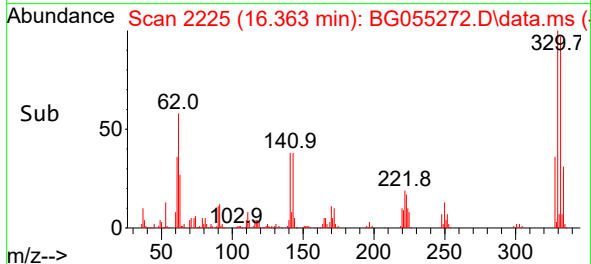
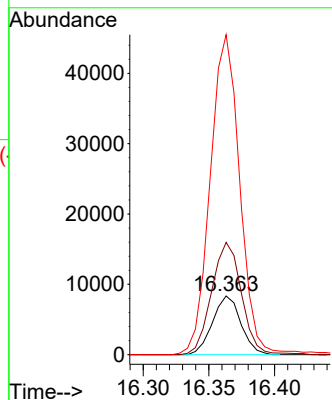
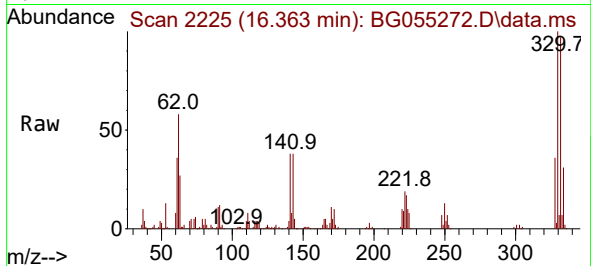




#67
4-Bromophenyl-phenylether
Concen: 5.567 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

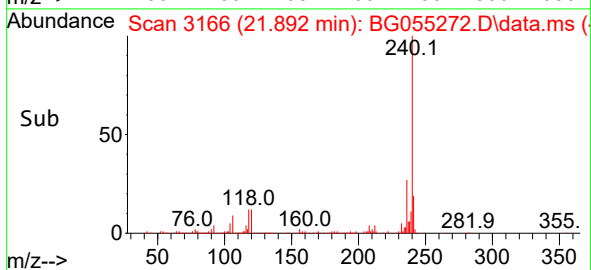
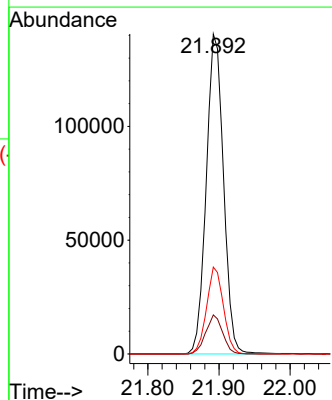
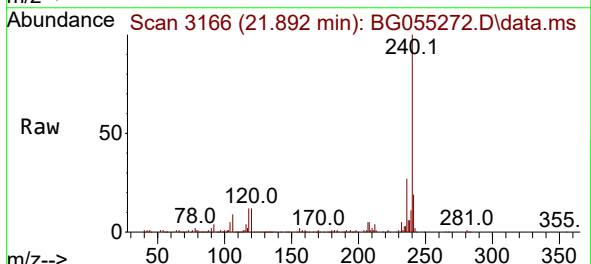
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BNA_G
ClientSampleId :

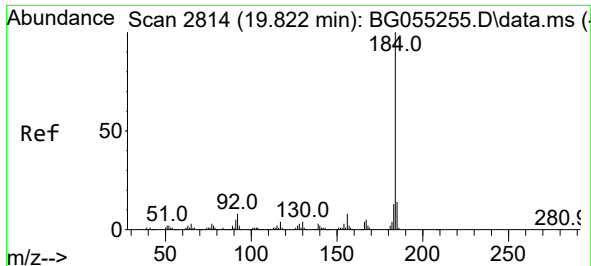
Tgt Ion:248 Resp: 12503
Ion Ratio Lower Upper
248 100
250 191.3 76.0 114.0#
141 544.9 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

Tgt Ion:240 Resp: 237413
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 27.1 21.0 31.4

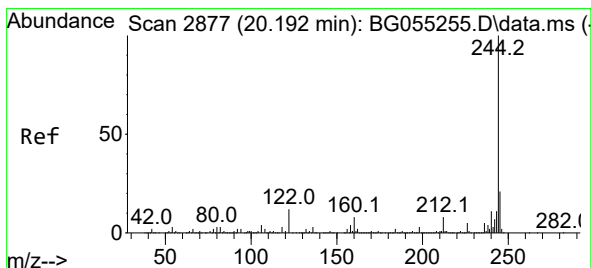
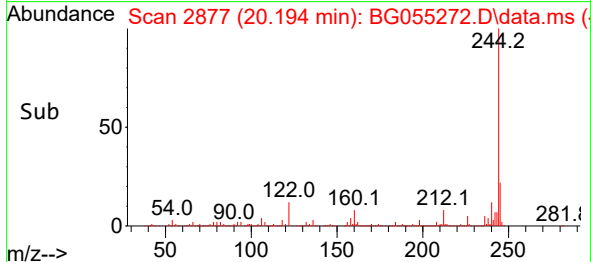
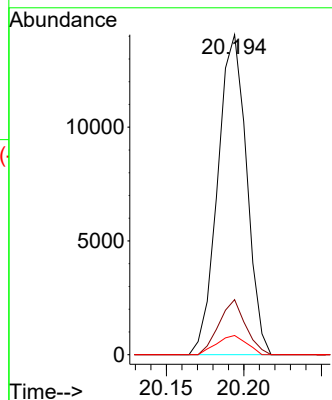
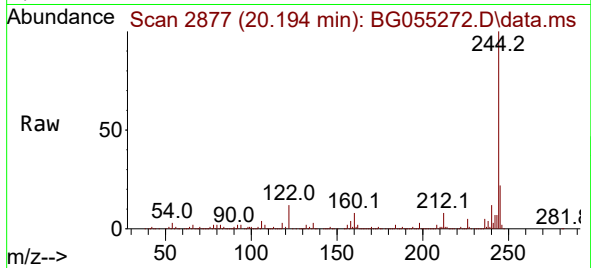




#77
Benzidine
Concen: 3.169 ng
RT: 20.194 min Scan# 2877
Delta R.T. 0.372 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

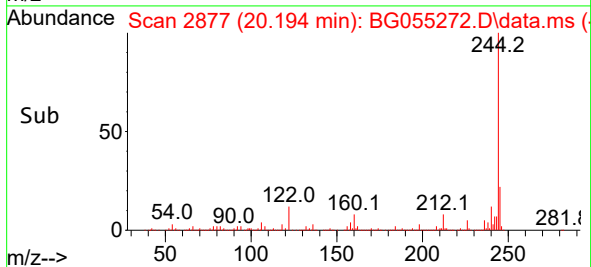
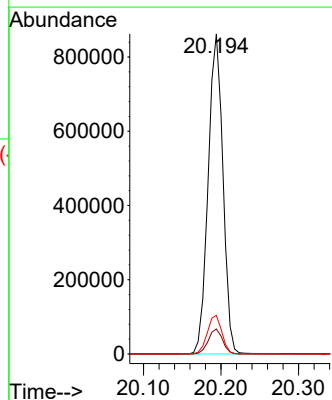
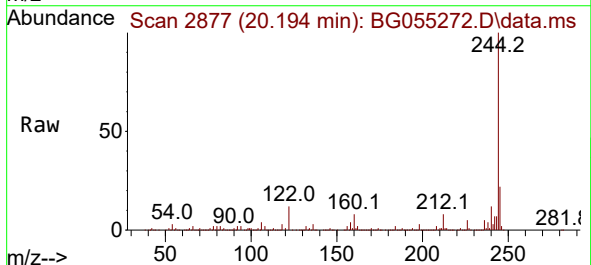
Instrument :
BNA_G
ClientSampleId :

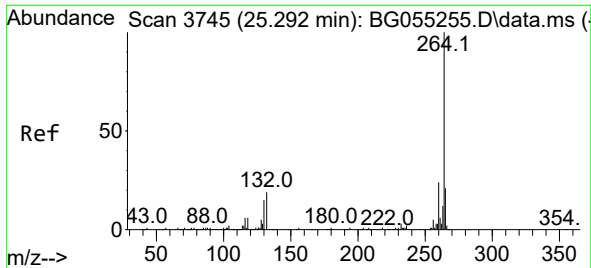
Tgt Ion:184 Resp: 18215
Ion Ratio Lower Upper
184 100
185 17.2 11.0 16.6#
183 6.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 99.785 ng
RT: 20.194 min Scan# 2877
Delta R.T. 0.002 min
Lab File: BG055272.D
Acq: 25 Oct 2022 11:53

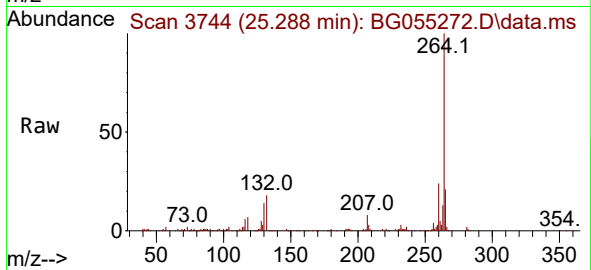
Tgt Ion:244 Resp: 1140227
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 12.1 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.288 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG055272.D
 Acq: 25 Oct 2022 11:53

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 246735
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 17.4 26.2

