

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055685.D
 Acq On : 18 Nov 2022 10:54
 Operator : CG/JU
 Sample : PB149128BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149128BL

Quant Time: Nov 18 23:53:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

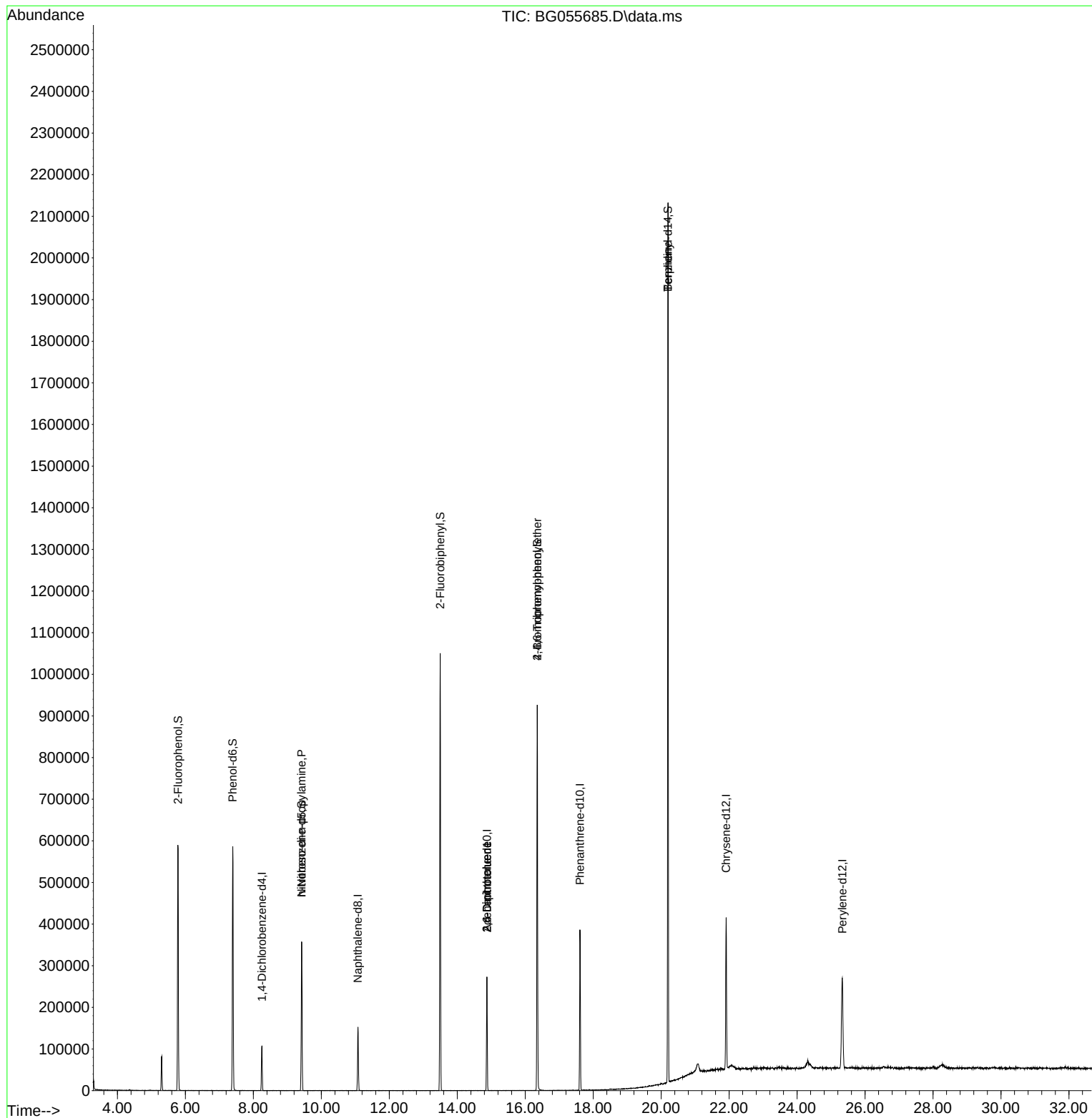
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	31207	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	130056	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	99130	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	256879	20.000	ng	0.00
76) Chrysene-d12	21.913	240	237945	20.000	ng	0.00
86) Perylene-d12	25.332	264	248096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	253869	147.042	ng	0.00
7) Phenol-d6	7.394	99	321316	139.808	ng	0.00
23) Nitrobenzene-d5	9.422	82	202558	82.320	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	199516	142.932	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	542389	81.970	ng	0.00
79) Terphenyl-d14	20.203	244	1075095	90.371	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.422	70	27987	15.849	ng	# 74
51) 2,6-Dinitrotoluene	14.874	165	12784	7.912	ng	# 26
57) 2,4-Dinitrotoluene	14.874	165	12784	5.612	ng	# 24
67) 4-Bromophenyl-phenylether	16.355	248	12822	4.381	ng	# 1
77) Benzdine	20.203	184	16818	3.055	ng	# 91

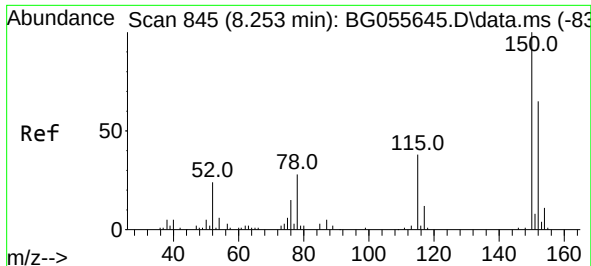
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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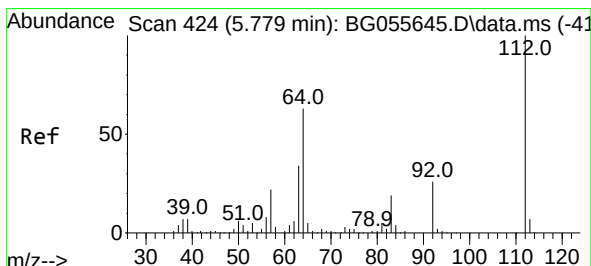
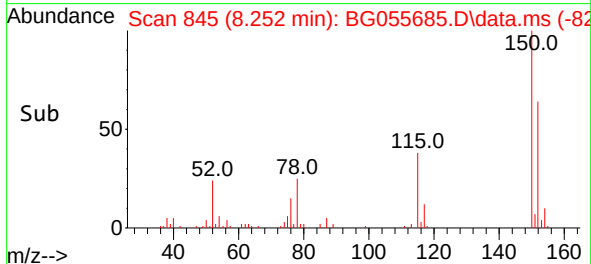
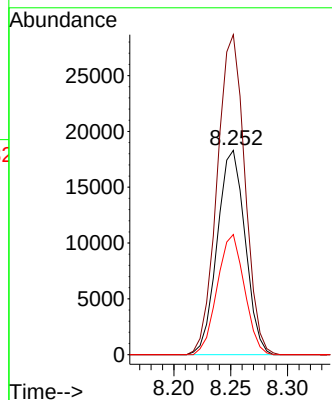
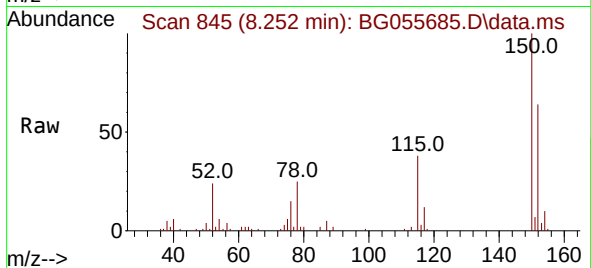




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

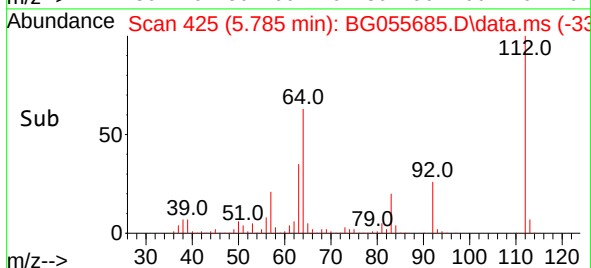
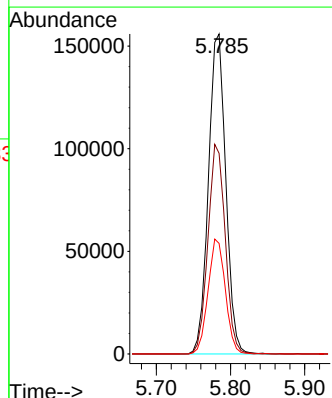
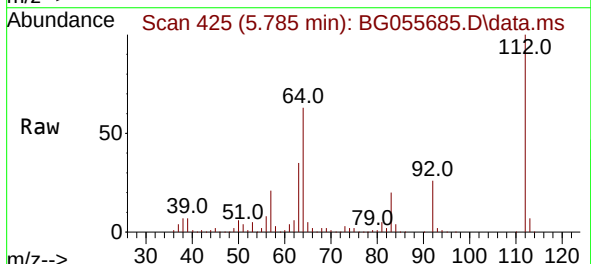
Instrument :
BNA_G
ClientSampleId :
PB149128BL

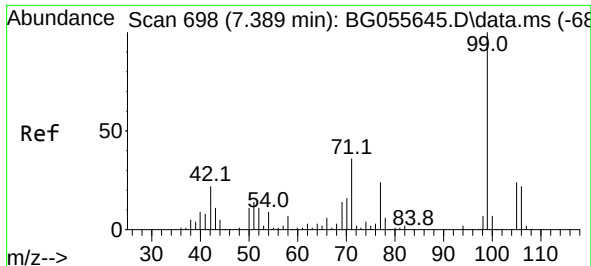
Tgt Ion:152 Resp: 31207
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.6
115 58.8 47.0 70.4



#5
2-Fluorophenol
Concen: 147.042 ng
RT: 5.785 min Scan# 425
Delta R.T. 0.005 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

Tgt Ion:112 Resp: 253869
Ion Ratio Lower Upper
112 100
64 62.7 50.6 76.0
63 34.6 27.5 41.3

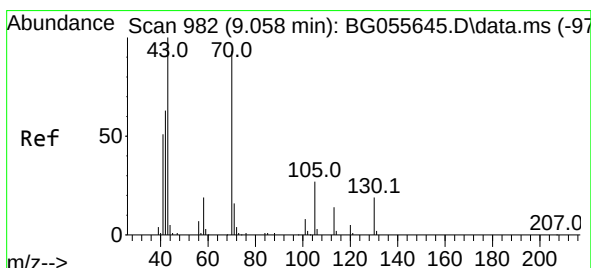
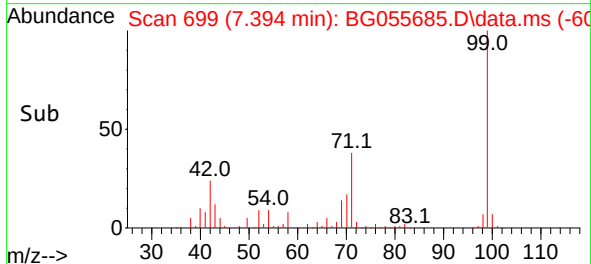
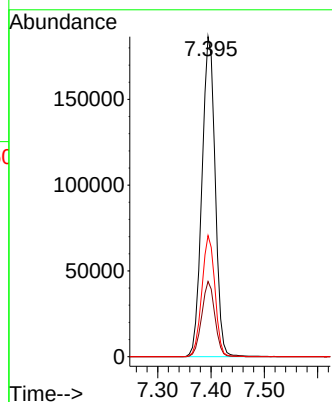
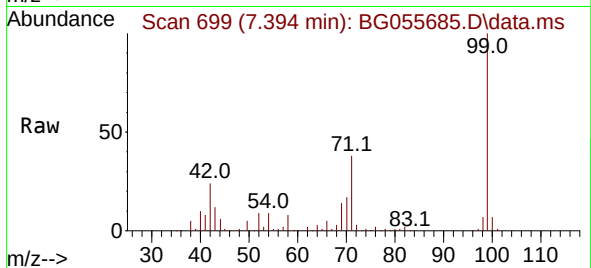




#7
Phenol-d6
Concen: 139.808 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

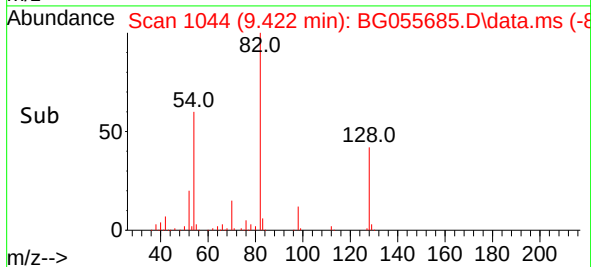
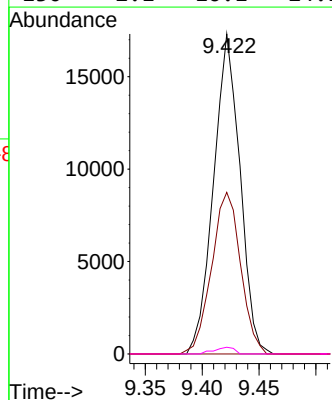
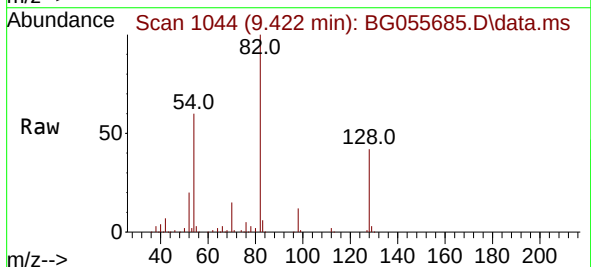
Instrument :
BNA_G
ClientSampleId :
PB149128BL

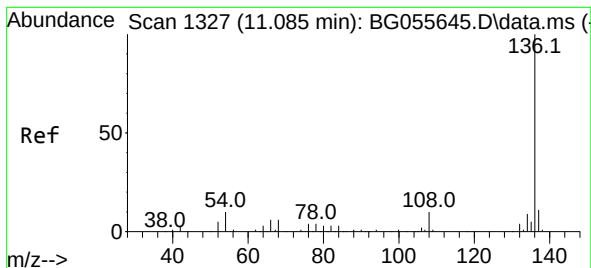
Tgt Ion: 99 Resp: 321316
Ion Ratio Lower Upper
99 100
42 23.5 18.0 27.0
71 37.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.849 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.364 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

Tgt Ion: 70 Resp: 27987
Ion Ratio Lower Upper
70 100
42 50.5 55.2 82.8#
101 0.0 7.1 10.7#
130 2.1 16.1 24.1#

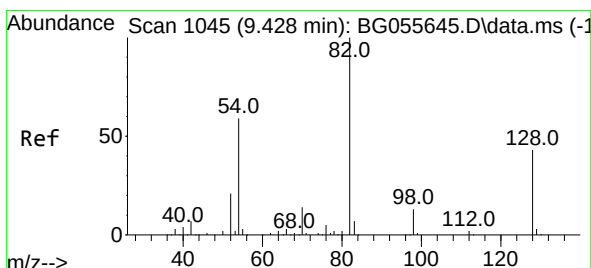
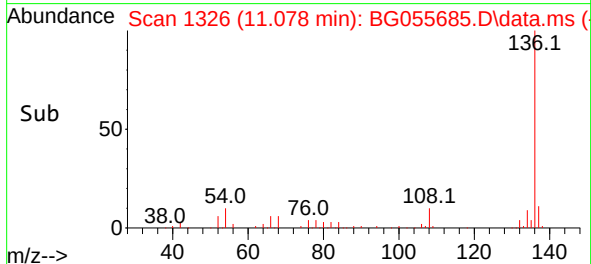
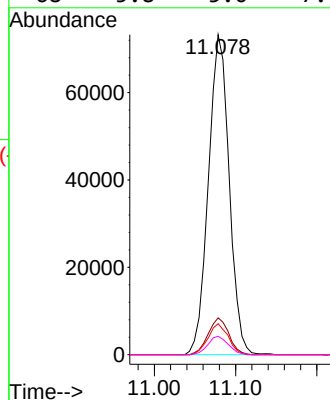
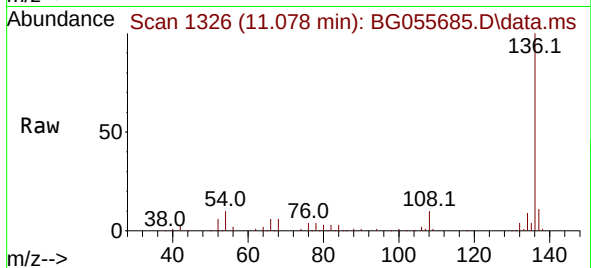




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

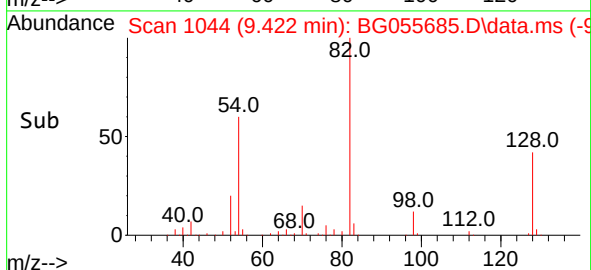
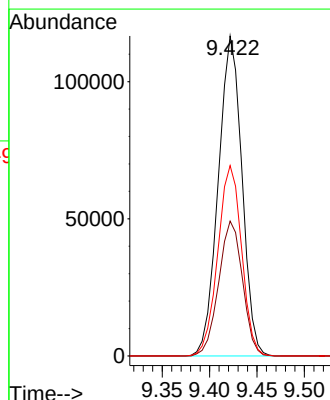
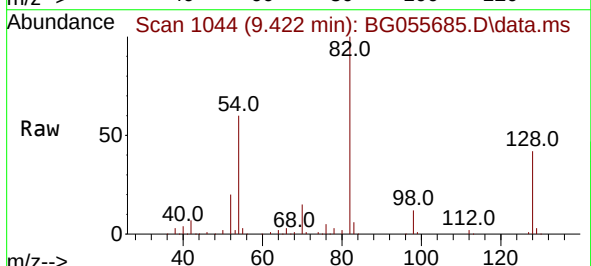
Instrument :
BNA_G
ClientSampleId :
PB149128BL

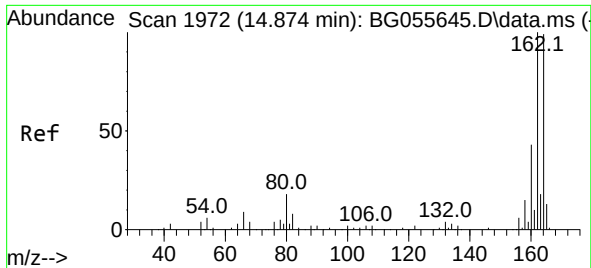
Tgt Ion:	136	Resp:	130056
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.7	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.320 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

Tgt Ion:	82	Resp:	202558
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	59.5	47.3	70.9

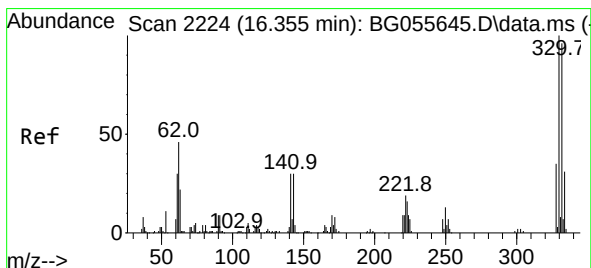
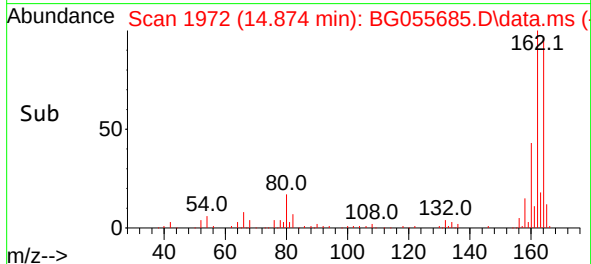
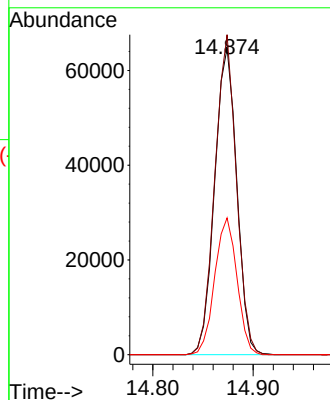
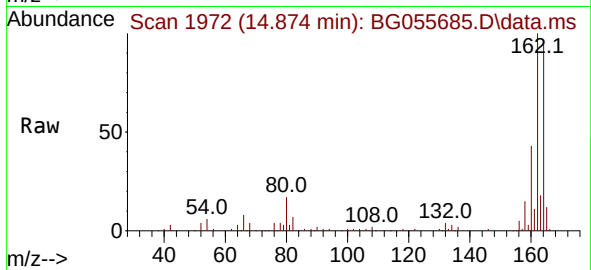




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

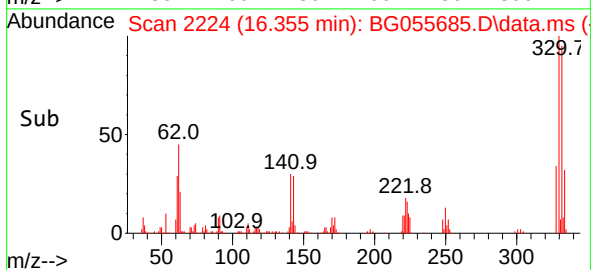
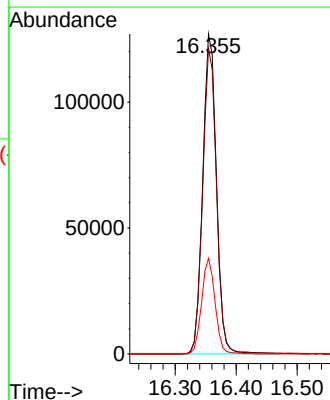
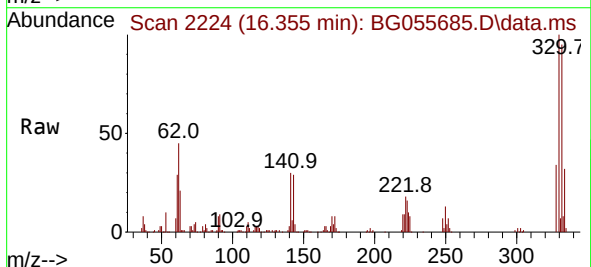
Instrument :
BNA_G
ClientSampleId :
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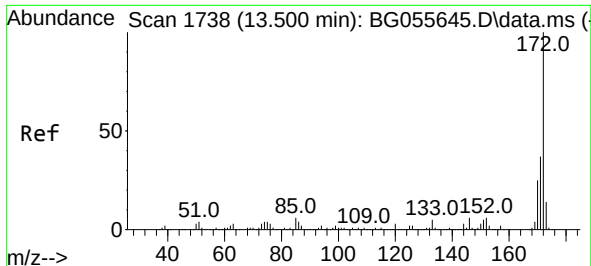
Tgt Ion:164 Resp: 99130
Ion Ratio Lower Upper
164 100
162 104.4 81.1 121.7
160 44.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 142.932 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

Tgt Ion:330 Resp: 199516
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 29.2 23.9 35.9

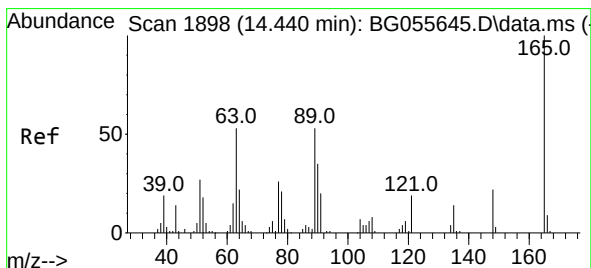
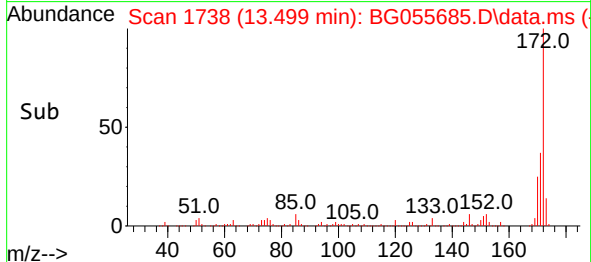
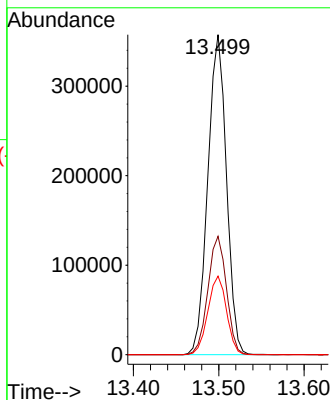
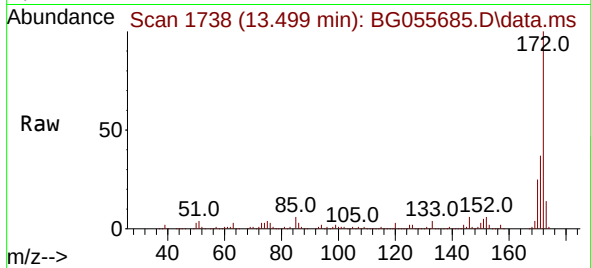




#45
2-Fluorobiphenyl
Concen: 81.970 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

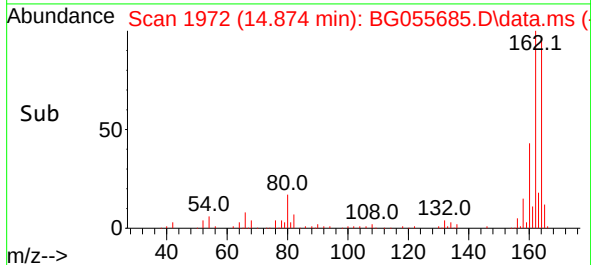
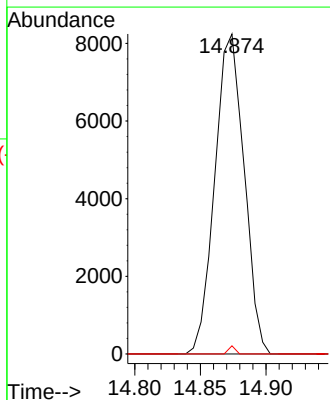
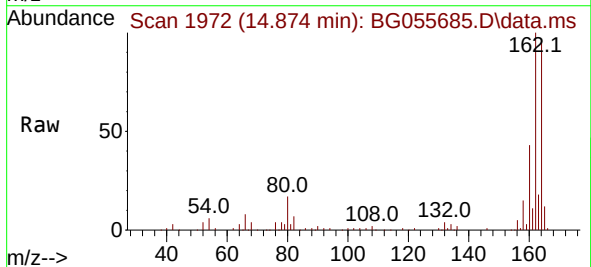
Instrument :
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ClientSampleId :
PB149128BL

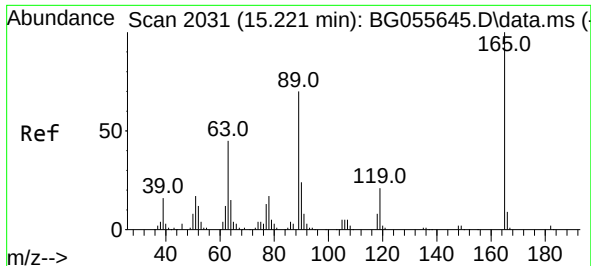
Tgt Ion:172 Resp: 542389
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.912 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

Tgt Ion:165 Resp: 12784
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.5 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.612 ng

RT: 14.874 min Scan# 14

Delta R.T. -0.347 min

Lab File: BG055685.D

Acq: 18 Nov 2022 10:54

Instrument :

BNA_G

ClientSampleId :

PB149128BL

Tgt Ion:165 Resp: 12784

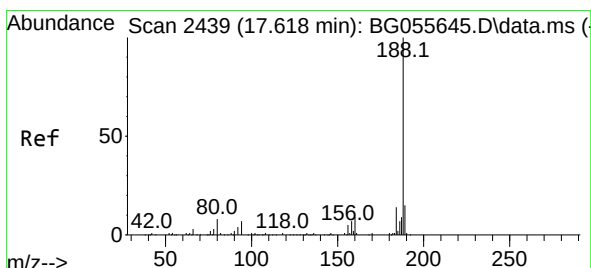
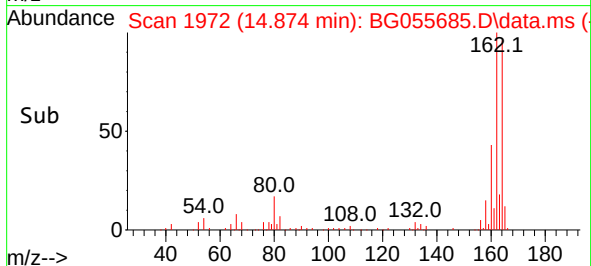
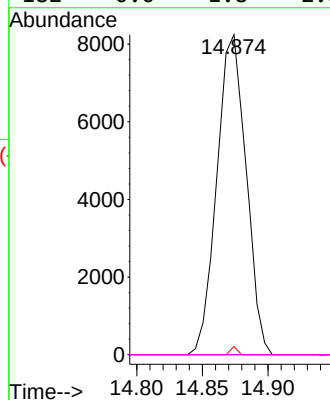
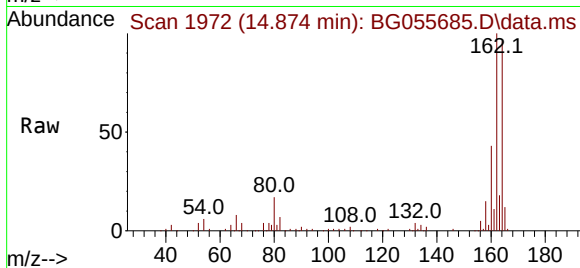
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 2.5 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.612 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG055685.D

Acq: 18 Nov 2022 10:54

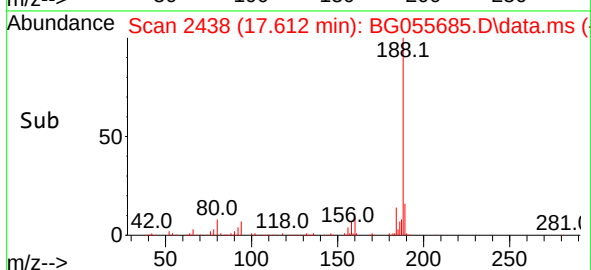
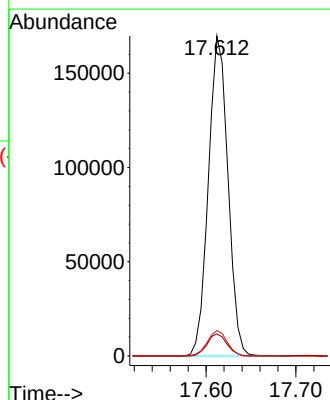
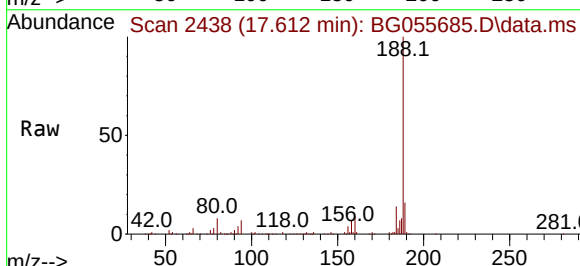
Tgt Ion:188 Resp: 256879

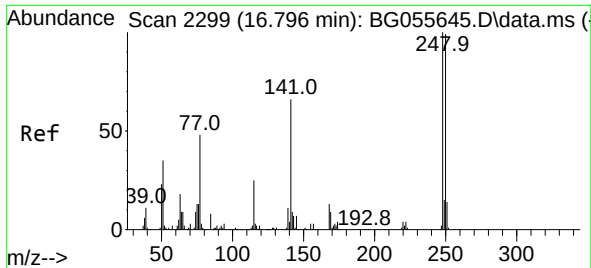
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.2

80 7.9 6.6 10.0

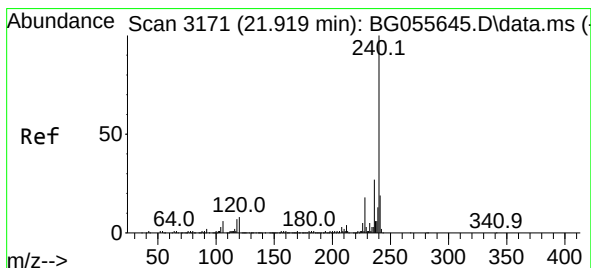
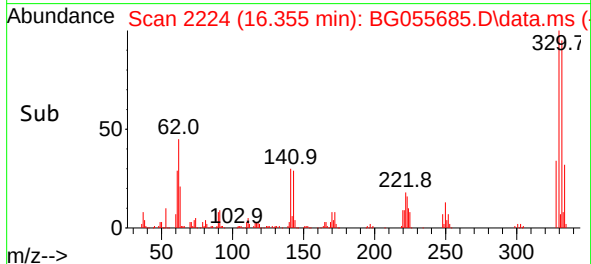
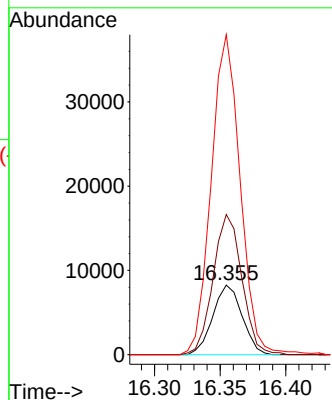
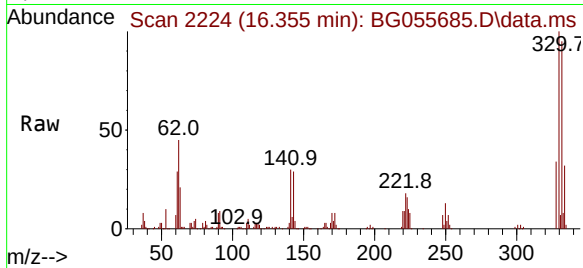




#67
4-Bromophenyl-phenylether
Concen: 4.381 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

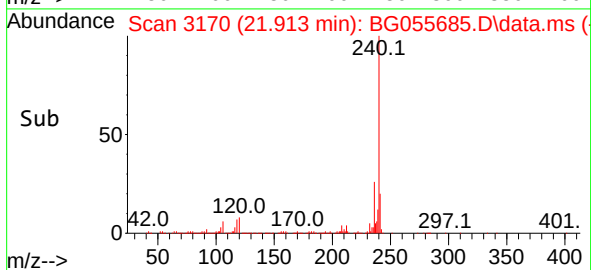
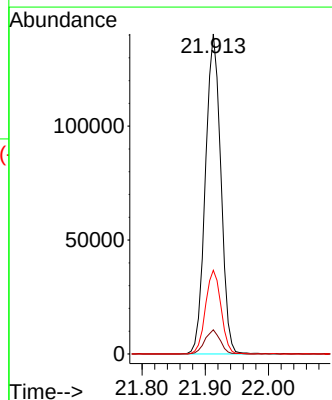
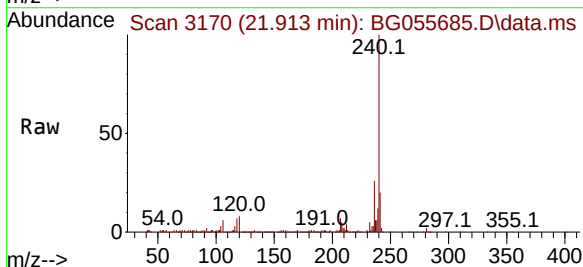
Instrument :
BNA_G
ClientSampleId :
PB149128BL

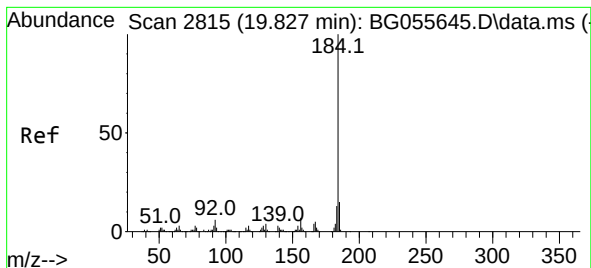
Tgt Ion:248 Resp: 12822
Ion Ratio Lower Upper
248 100
250 201.4 79.0 118.4#
141 459.9 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055685.D
Acq: 18 Nov 2022 10:54

Tgt Ion:240 Resp: 237945
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.2 21.9 32.9





#77

Benzidine

Concen: 3.055 ng

RT: 20.203 min Scan# 2879

Delta R.T. 0.376 min

Lab File: BG055685.D

Acq: 18 Nov 2022 10:54

Instrument :

BNA_G

ClientSampleId :

PB149128BL

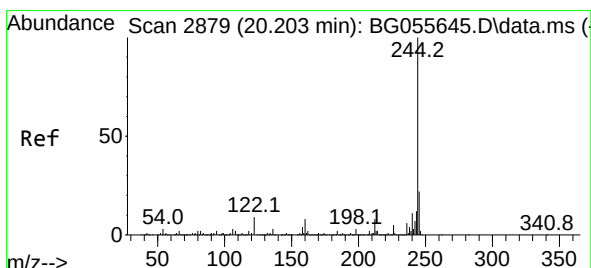
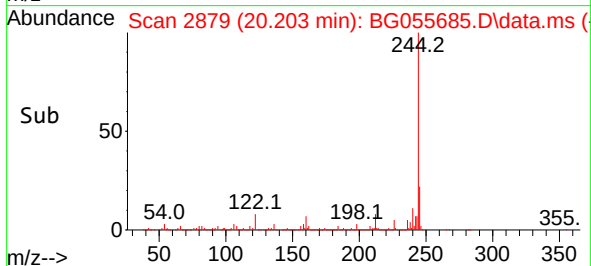
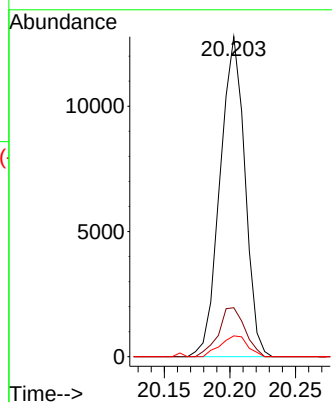
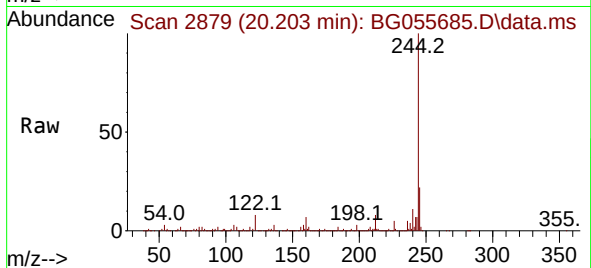
Tgt Ion:184 Resp: 16818

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

183 6.5 10.6 15.8#



#79

Terphenyl-d14

Concen: 90.371 ng

RT: 20.203 min Scan# 2879

Delta R.T. -0.000 min

Lab File: BG055685.D

Acq: 18 Nov 2022 10:54

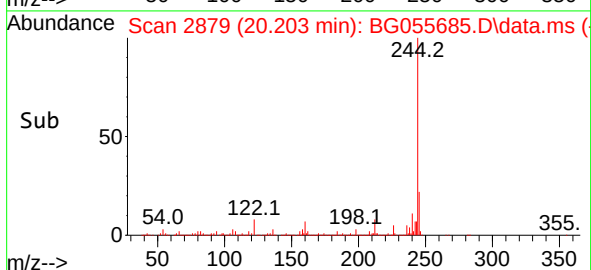
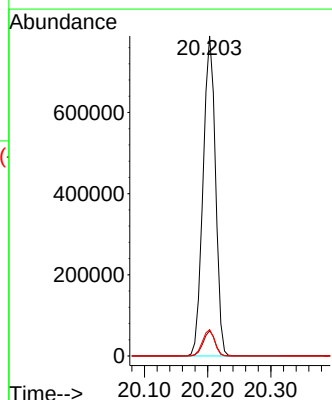
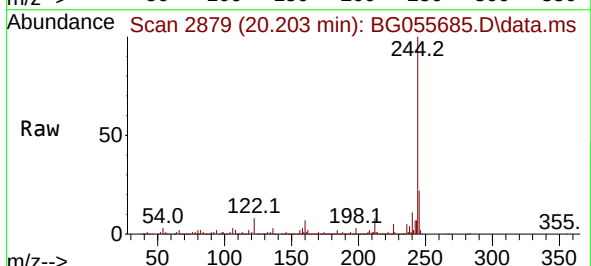
Tgt Ion:244 Resp: 1075095

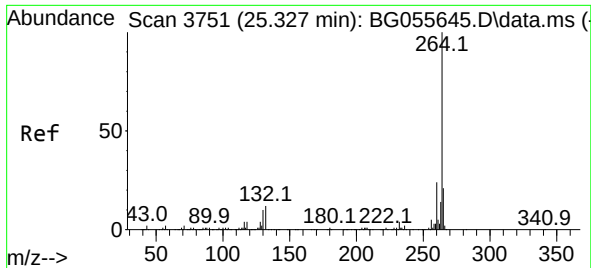
Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 8.2 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.332 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BG055685.D
 Acq: 18 Nov 2022 10:54

Instrument :
 BNA_G
 ClientSampleId :
 PB149128BL

Tgt Ion:264 Resp: 248096
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.1 25.7

