

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054955.D
 Acq On : 15 Sep 2022 13:57
 Operator : CG/JU
 Sample : PB147602TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147602TB

Quant Time: Sep 16 05:28:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

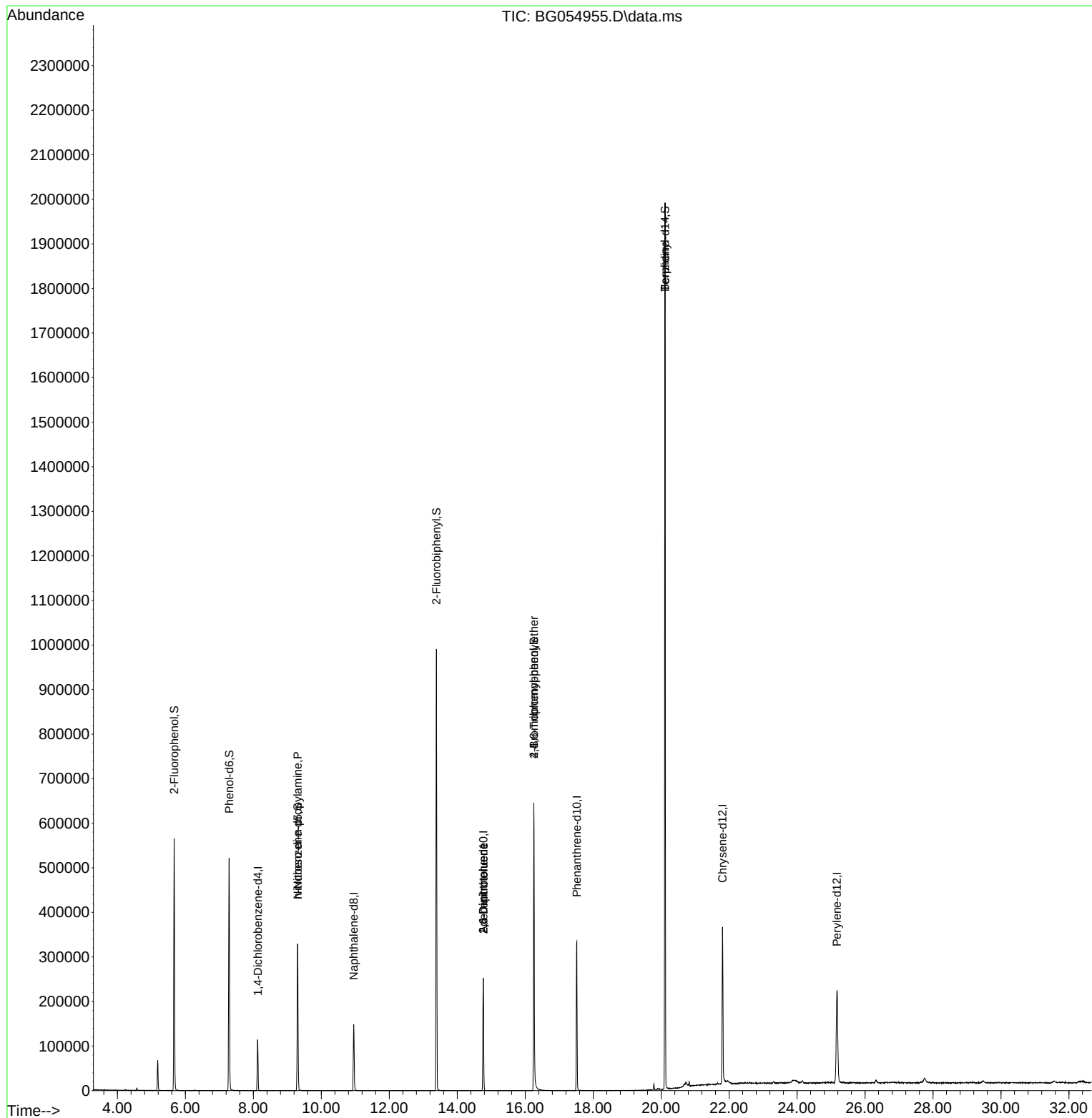
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	37713	20.000	ng	0.00
21) Naphthalene-d8	10.955	136	146084	20.000	ng	# 0.00
39) Acenaphthene-d10	14.769	164	100346	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	240035	20.000	ng	0.00
76) Chrysene-d12	21.807	240	241348	20.000	ng	-0.01
86) Perylene-d12	25.174	264	252760	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	283270	130.797	ng	0.00
7) Phenol-d6	7.289	99	364345	123.015	ng	0.00
23) Nitrobenzene-d5	9.304	82	214012	76.907	ng	0.00
42) 2,4,6-Tribromophenol	16.255	330	166441	132.740	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	568616	85.169	ng	0.00
79) Terphenyl-d14	20.115	244	1031685	84.698	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.304	70	26331	12.928	ng	# 73
51) 2,6-Dinitrotoluene	14.769	165	13141	8.311	ng	# 20
57) 2,4-Dinitrotoluene	14.769	165	13141	6.008	ng	# 18
67) 4-Bromophenyl-phenylether	16.255	248	10343	3.925	ng	# 1
77) Benzidine	20.115	184	14150	2.367	ng	# 89

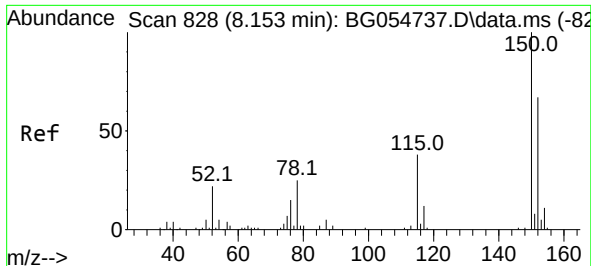
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
Data File : BG054955.D
Acq On : 15 Sep 2022 13:57
Operator : CG/JU
Sample : PB147602TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB147602TB

Quant Time: Sep 16 05:28:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 03:14:10 2022
Response via : Initial Calibration

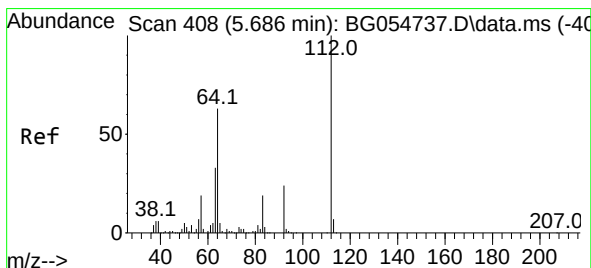
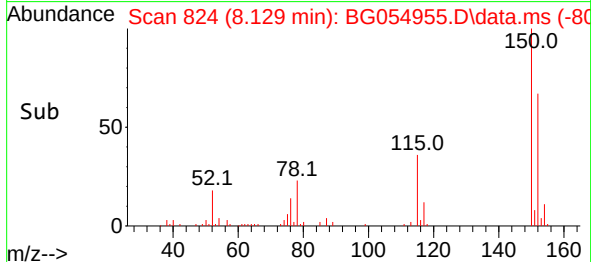
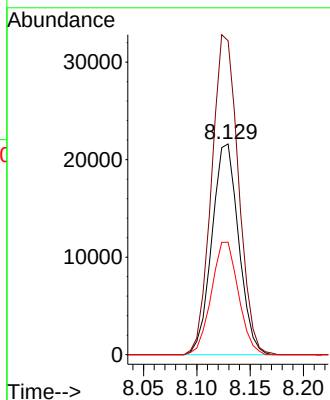
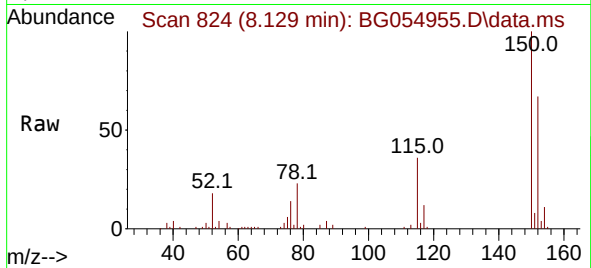




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

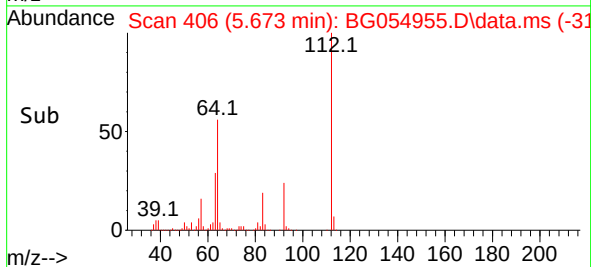
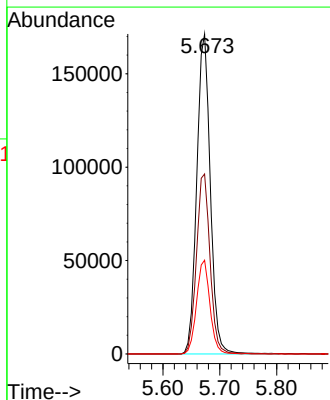
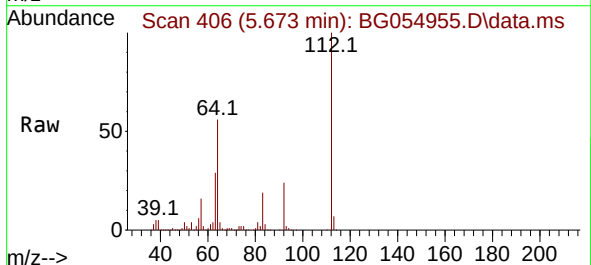
Instrument :
BNA_G
ClientSampleId :
PB147602TB

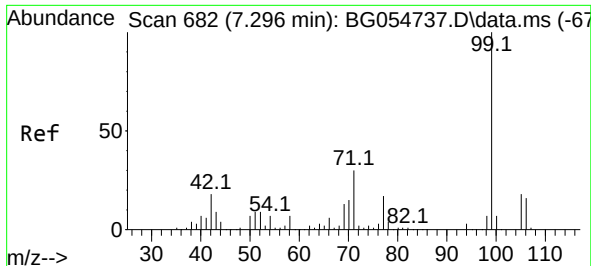
Tgt Ion:152 Resp: 37713
Ion Ratio Lower Upper
152 100
150 149.0 125.2 187.8
115 53.4 47.9 71.9



#5
2-Fluorophenol
Concen: 130.797 ng
RT: 5.673 min Scan# 406
Delta R.T. 0.000 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

Tgt Ion:112 Resp: 283270
Ion Ratio Lower Upper
112 100
64 56.2 49.3 73.9
63 29.3 26.3 39.5

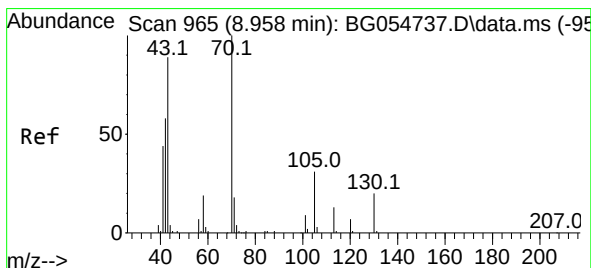
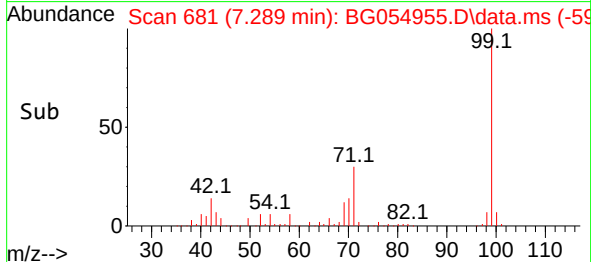
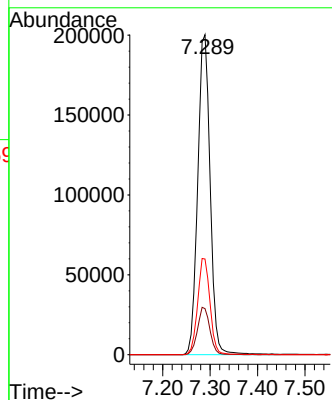
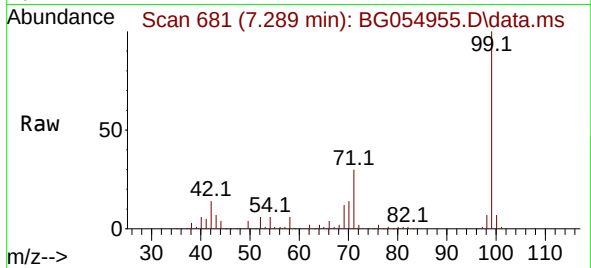




#7
Phenol-d6
Concen: 123.015 ng
RT: 7.289 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

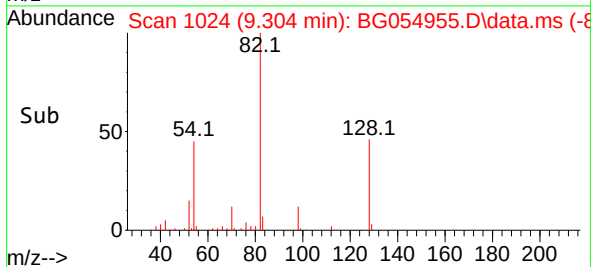
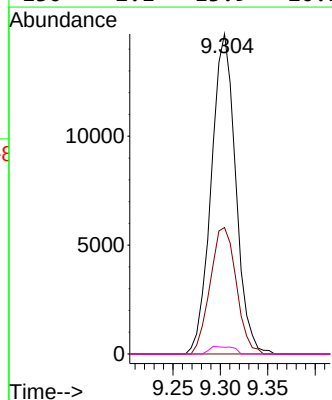
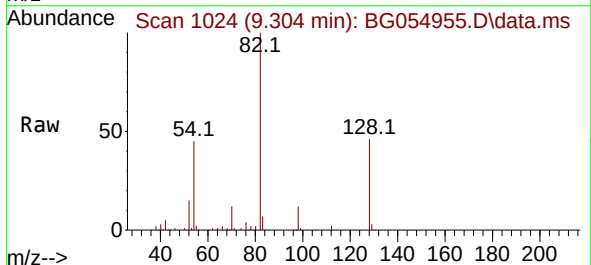
Instrument :
BNA_G
ClientSampleId :
PB147602TB

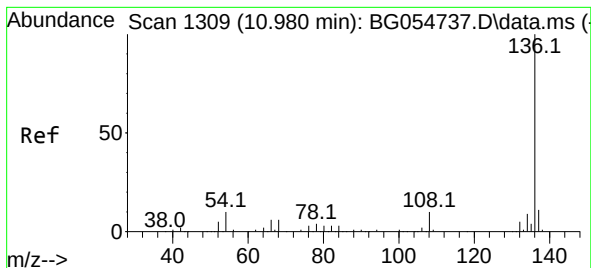
Tgt Ion: 99 Resp: 364345
Ion Ratio Lower Upper
99 100
42 14.4 14.6 22.0#
71 29.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.928 ng
RT: 9.304 min Scan# 1024
Delta R.T. 0.365 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

Tgt Ion: 70 Resp: 26331
Ion Ratio Lower Upper
70 100
42 39.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.955 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG054955.D

Acq: 15 Sep 2022 13:57

Instrument :

BNA_G

ClientSampleId :

PB147602TB

Tgt Ion:136 Resp: 146084

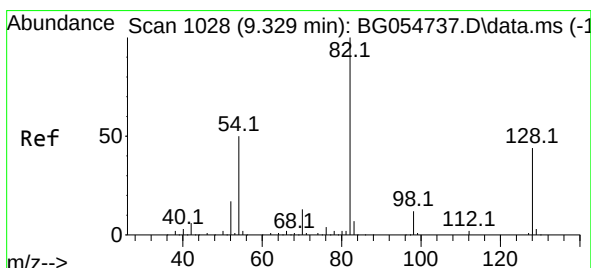
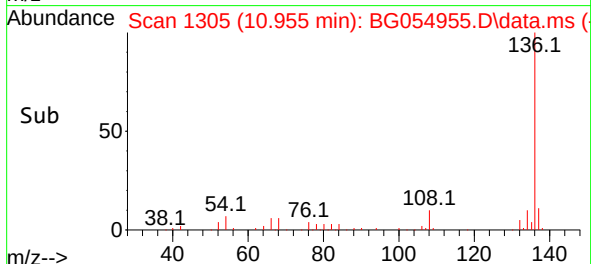
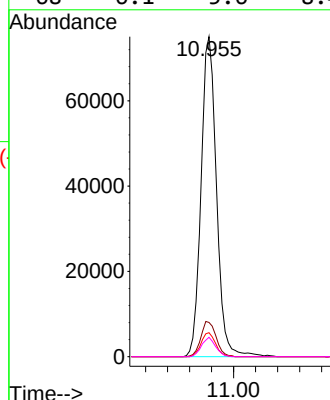
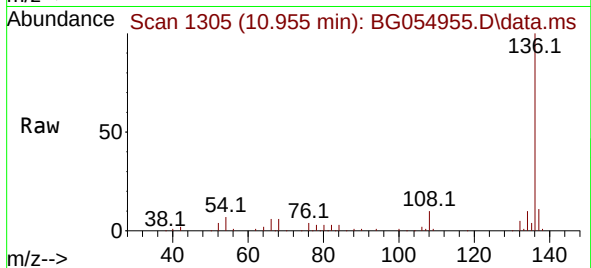
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.5 7.7 11.5#

68 6.1 5.6 8.4



#23

Nitrobenzene-d5

Concen: 76.907 ng

RT: 9.304 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BG054955.D

Acq: 15 Sep 2022 13:57

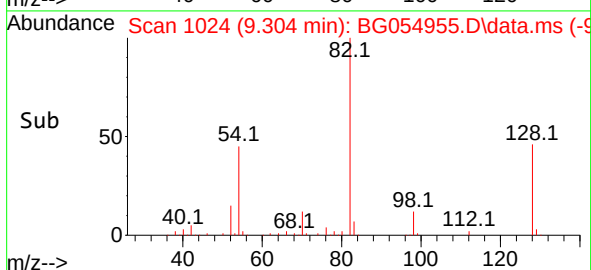
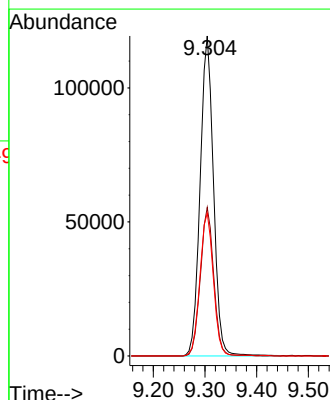
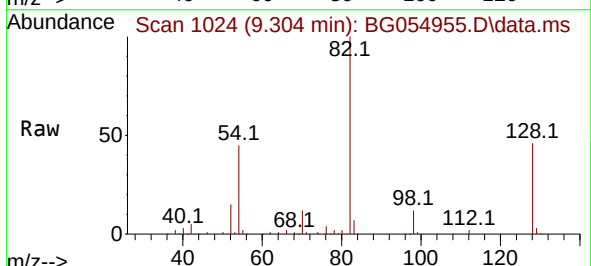
Tgt Ion: 82 Resp: 214012

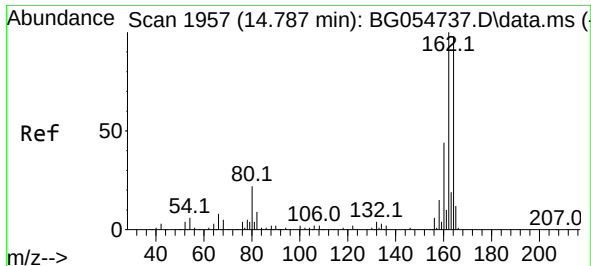
Ion Ratio Lower Upper

82 100

128 46.4 32.2 48.2

54 44.6 41.4 62.0

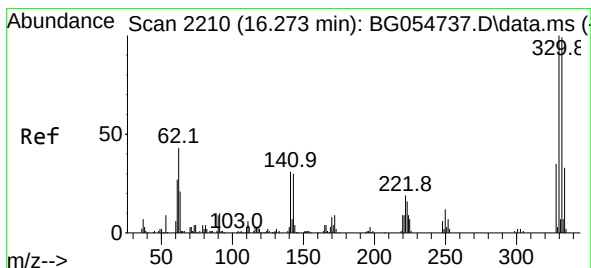
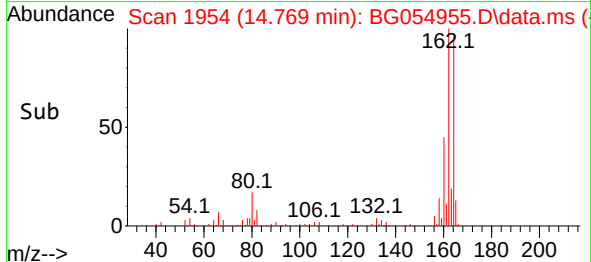
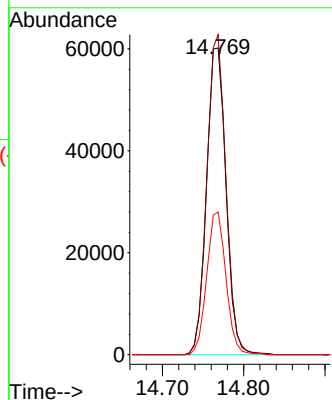
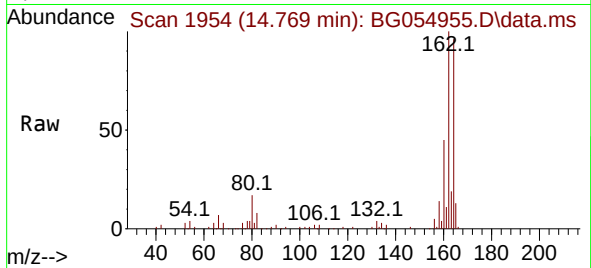




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.769 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

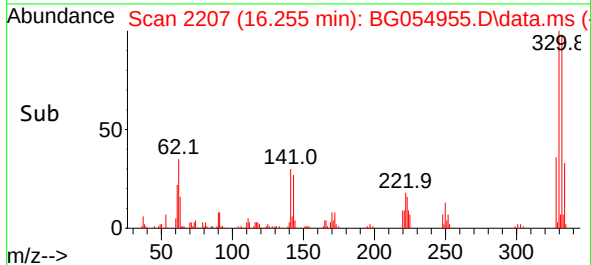
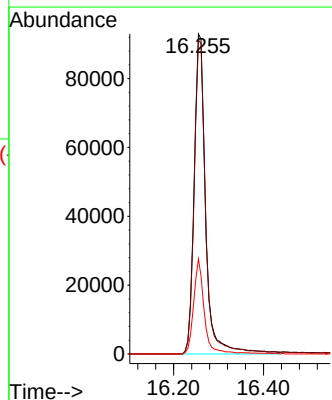
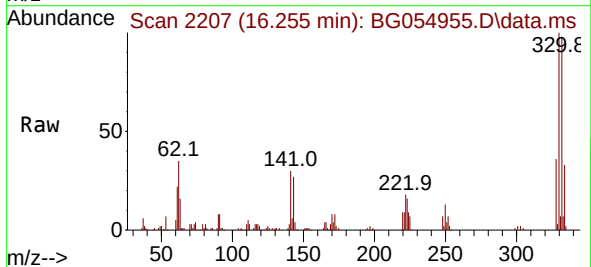
Instrument :
BNA_G
ClientSampleId :
PB147602TB

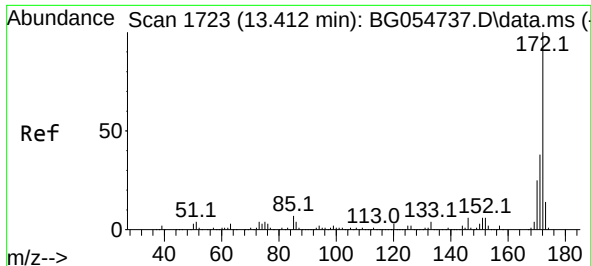
Tgt Ion:164 Resp: 100346
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.4
160 46.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 132.740 ng
RT: 16.255 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

Tgt Ion:330 Resp: 166441
Ion Ratio Lower Upper
330 100
332 97.4 79.8 119.6
141 26.8 26.8 40.2#

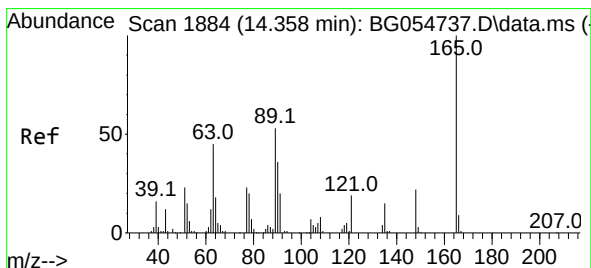
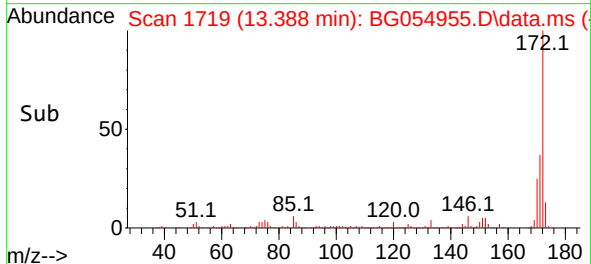
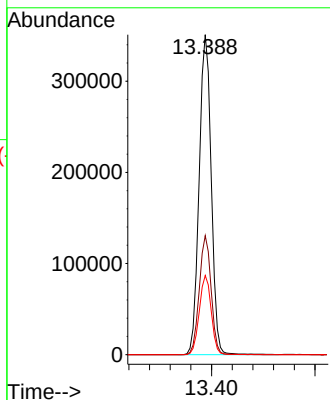
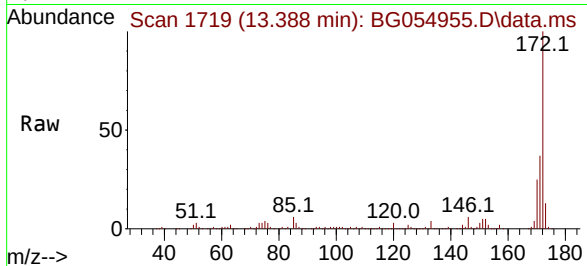




#45
2-Fluorobiphenyl
Concen: 85.169 ng
RT: 13.388 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

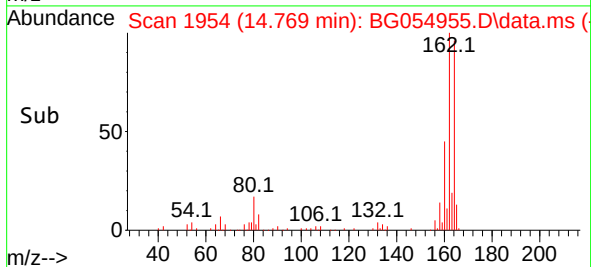
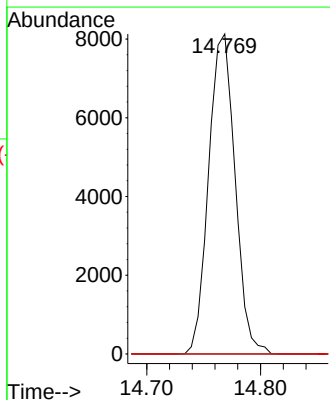
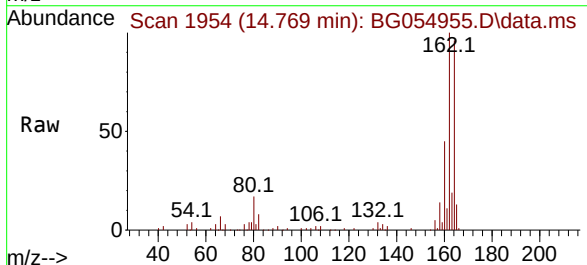
Instrument :
BNA_G
ClientSampleId :
PB147602TB

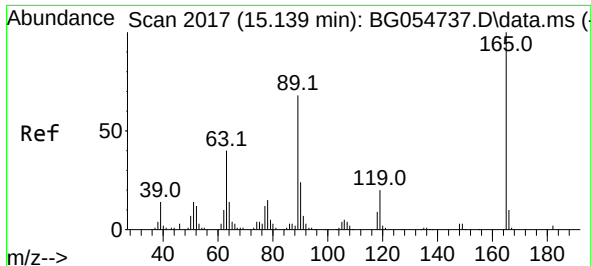
Tgt Ion:172 Resp: 568616
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.311 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.423 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

Tgt Ion:165 Resp: 13141
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: 6.008 ng

RT: 14.769 min Scan# 1954

Delta R.T. -0.370 min

Lab File: BG054955.D

Acq: 15 Sep 2022 13:57

Instrument :

BNA_G

ClientSampleId :

PB147602TB

Tgt Ion:165 Resp: 13141

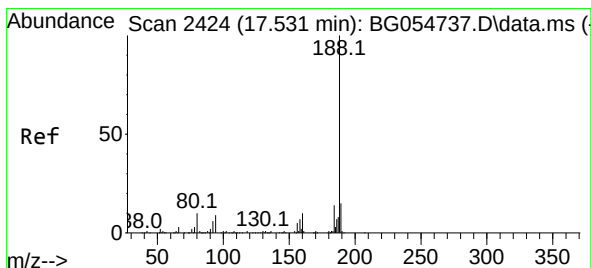
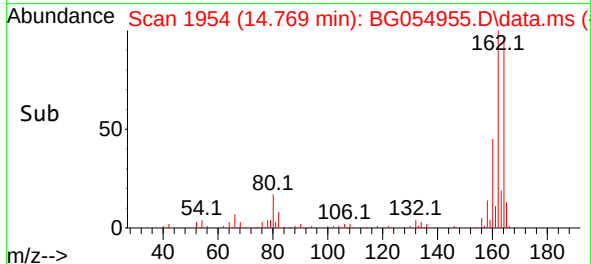
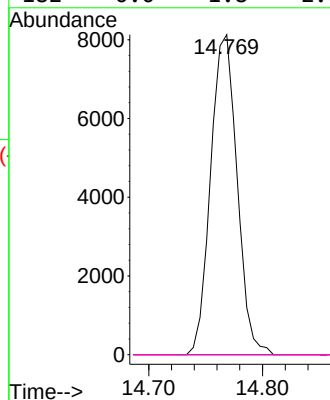
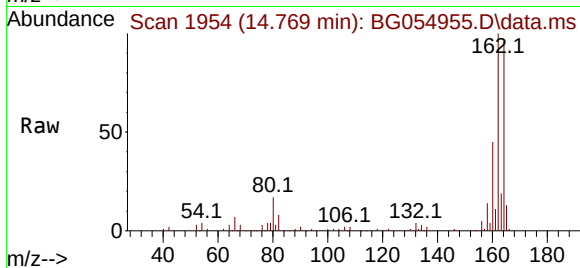
Ion Ratio Lower Upper

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: 17.518 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BG054955.D

Acq: 15 Sep 2022 13:57

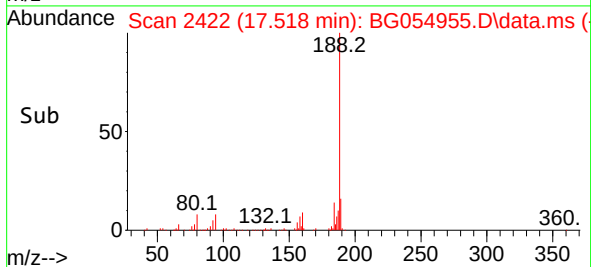
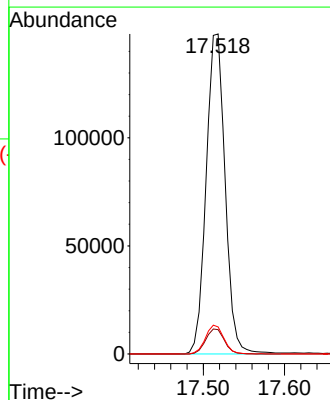
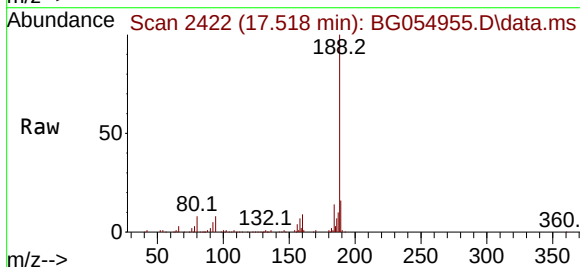
Tgt Ion:188 Resp: 240035

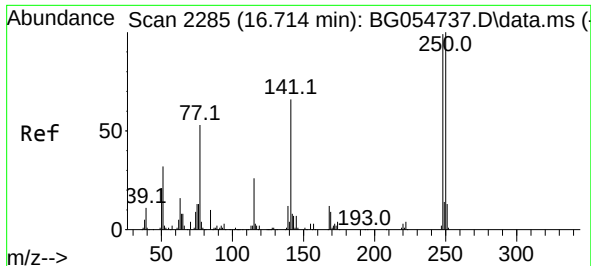
Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 8.5 7.9 11.9

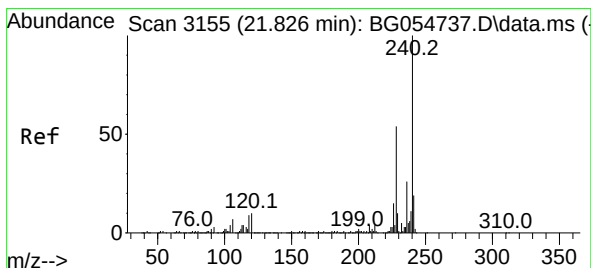
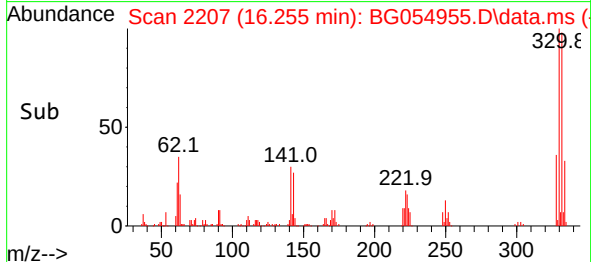
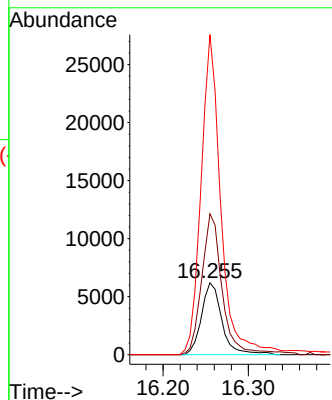
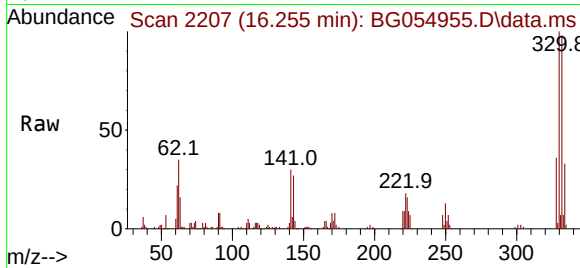




#67
4-Bromophenyl-phenylether
Concen: 3.925 ng
RT: 16.255 min Scan# 211
Delta R.T. -0.446 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

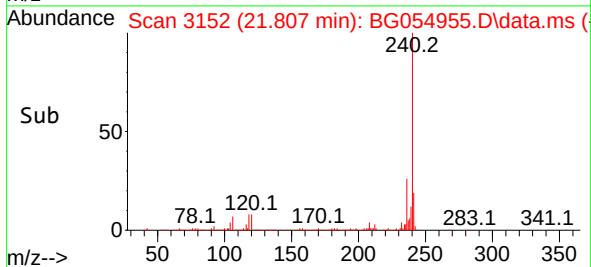
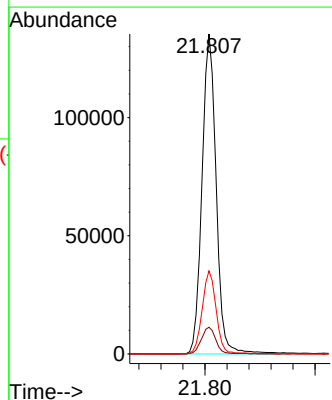
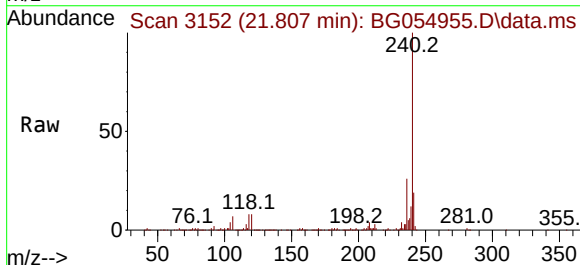
Instrument :
BNA_G
ClientSampleId :
PB147602TB

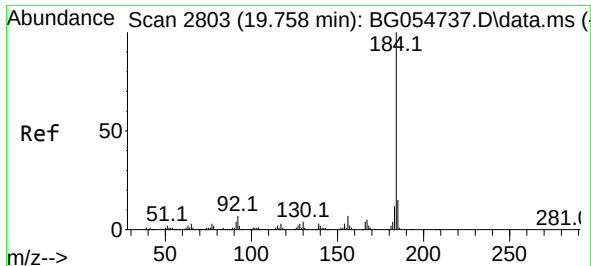
Tgt Ion:248 Resp: 10343
Ion Ratio Lower Upper
248 100
250 196.1 78.8 118.2#
141 445.7 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.807 min Scan# 3152
Delta R.T. -0.011 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

Tgt Ion:240 Resp: 241348
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.4
236 25.9 21.2 31.8

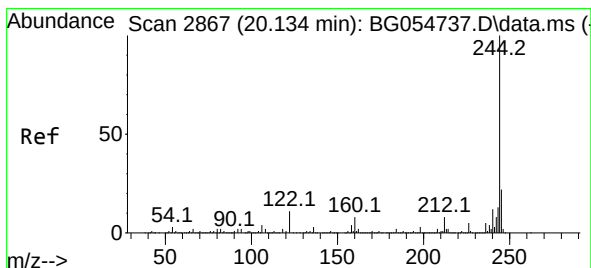
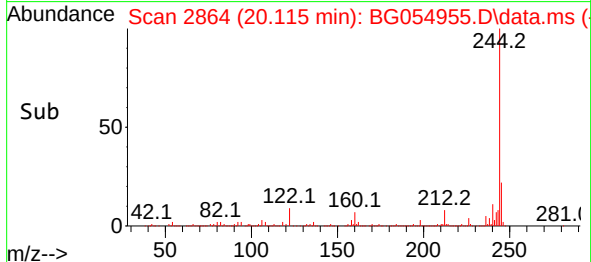
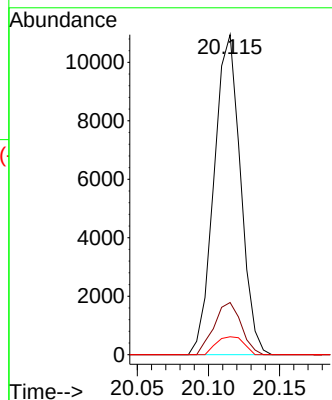
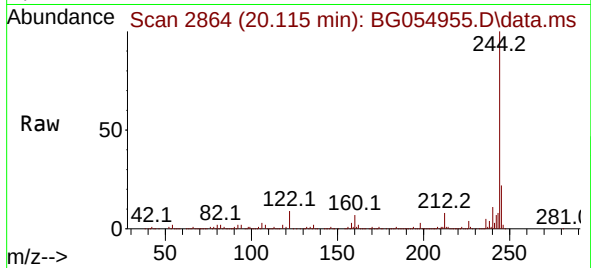




#77
Benzidine
Concen: 2.367 ng
RT: 20.115 min Scan# 2864
Delta R.T. 0.370 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

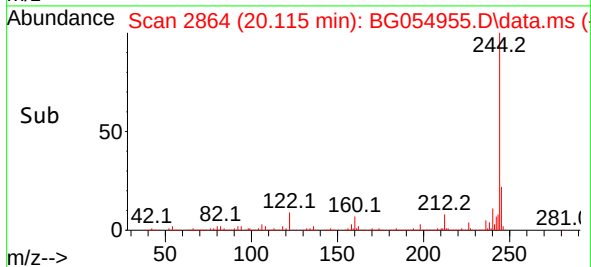
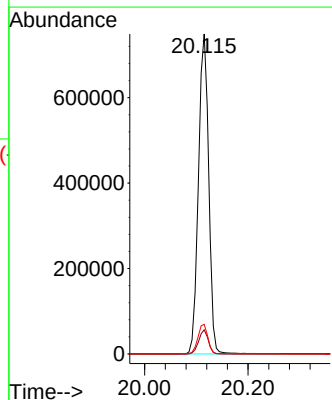
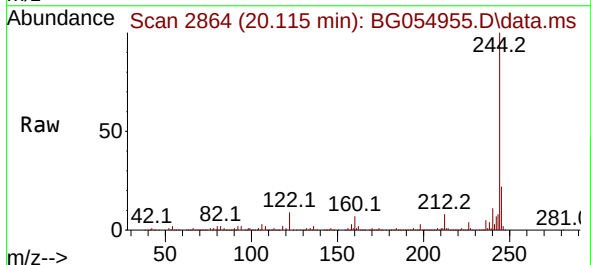
Instrument :
BNA_G
ClientSampleId :
PB147602TB

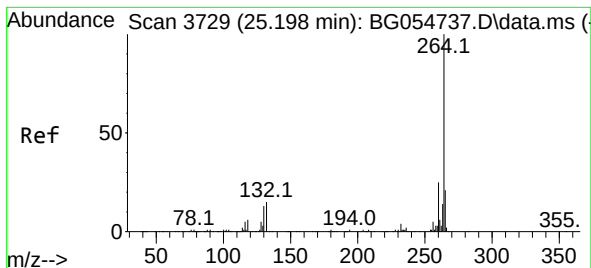
Tgt Ion:184 Resp: 14150
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.0
183 5.6 9.8 14.8#



#79
Terphenyl-d14
Concen: 84.698 ng
RT: 20.115 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BG054955.D
Acq: 15 Sep 2022 13:57

Tgt Ion:244 Resp: 1031685
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.2 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.174 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG054955.D

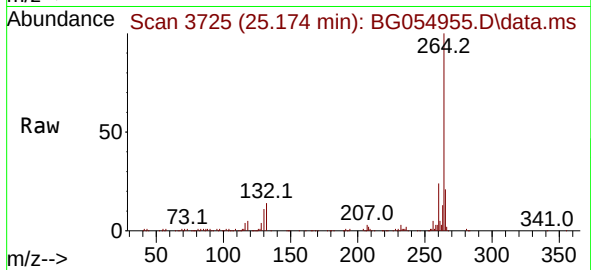
Acq: 15 Sep 2022 13:57

Instrument :

BNA_G

ClientSampleId :

PB147602TB



Tgt Ion:264 Resp: 252760

Ion Ratio Lower Upper

264 100

260 24.1 19.9 29.9

265 21.2 16.9 25.3

