

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054756.D
 Acq On : 26 Aug 2022 15:13
 Operator : CG/JU
 Sample : N4379-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-9-11

Quant Time: Aug 27 02:12:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

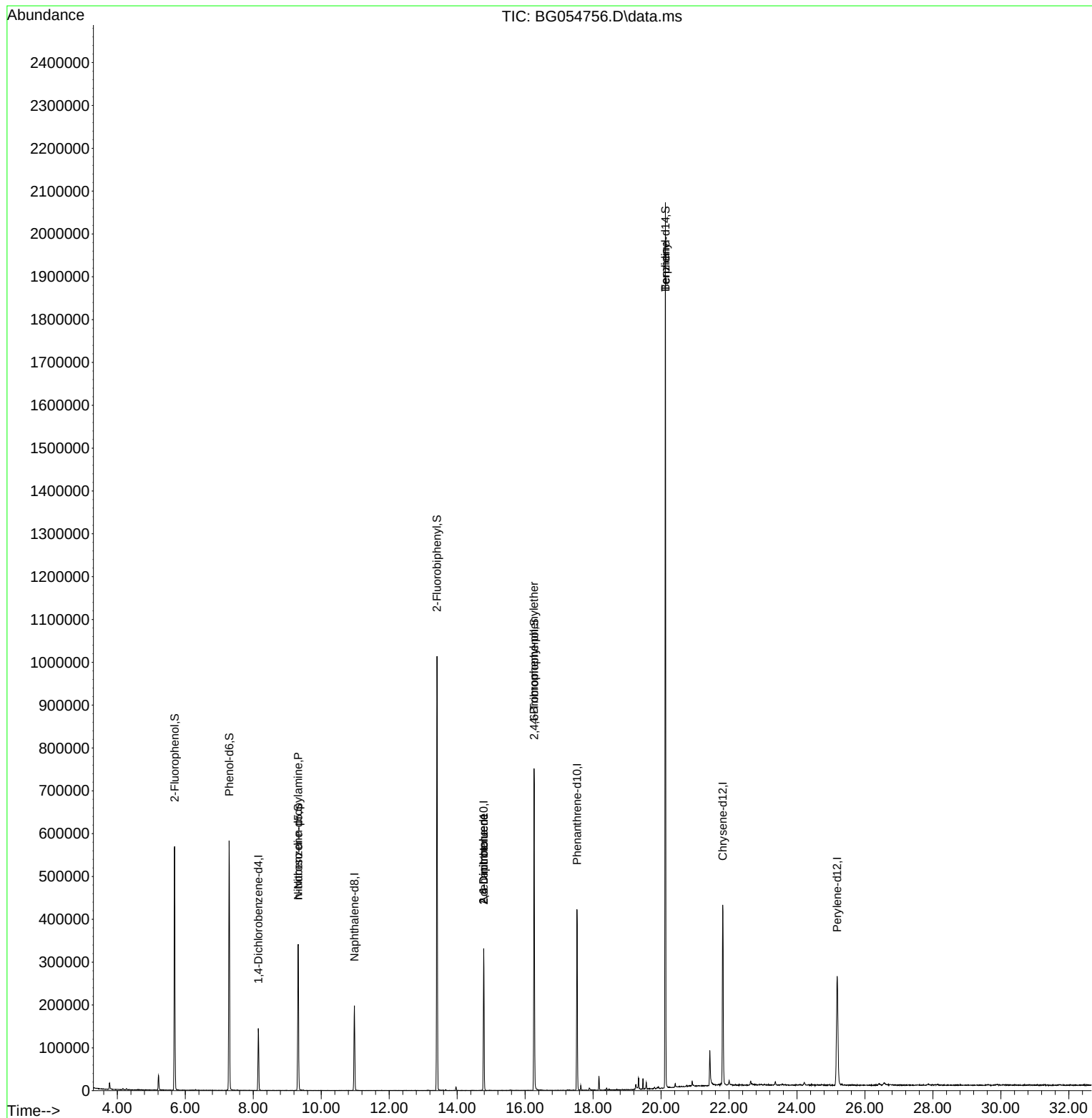
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	43822	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	176221	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	119560	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	280491	20.000	ng	0.00
76) Chrysene-d12	21.816	240	280196	20.000	ng	-0.01
86) Perylene-d12	25.182	264	292932	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	266925	106.068	ng	0.00
7) Phenol-d6	7.291	99	363753	105.694	ng	0.00
23) Nitrobenzene-d5	9.324	82	218796	65.180	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	155349	103.983	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	546763	68.735	ng	0.00
79) Terphenyl-d14	20.129	244	1035304	73.211	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.324	70	28114	11.879	ng	# 77
51) 2,6-Dinitrotoluene	14.783	165	16025	8.506	ng	# 20
57) 2,4-Dinitrotoluene	14.783	165	16025	6.149	ng	# 18
67) 4-Bromophenyl-phenylether	16.263	248	9800	3.182	ng	# 1
77) Benzidine	20.129	184	15374	2.215	ng	# 86

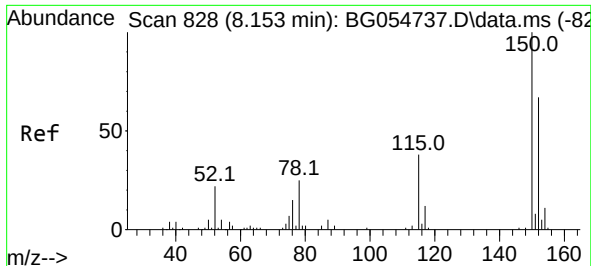
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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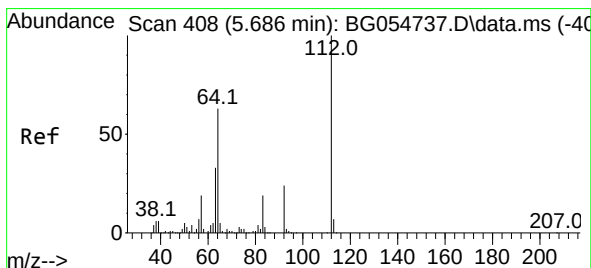
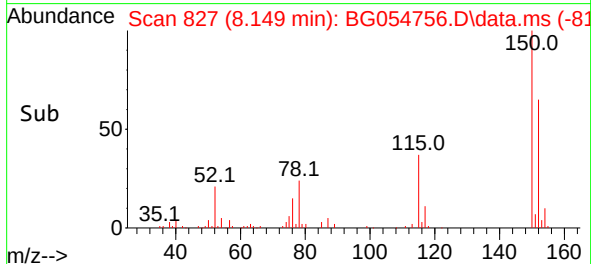
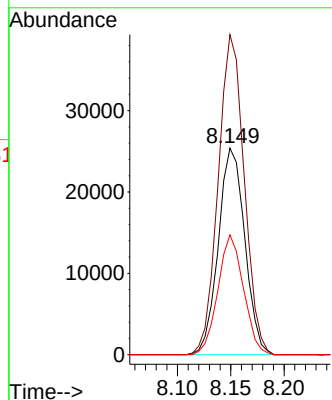
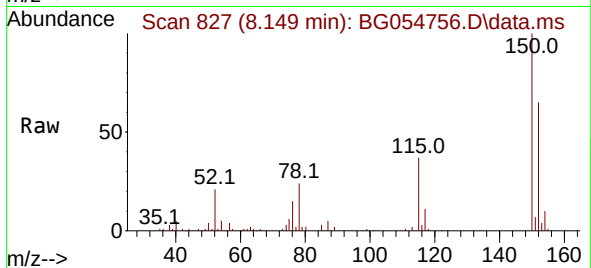




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

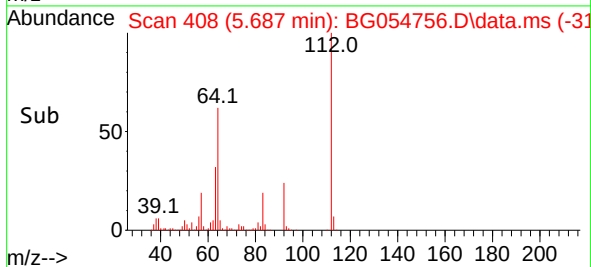
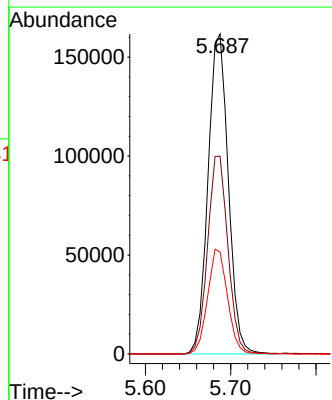
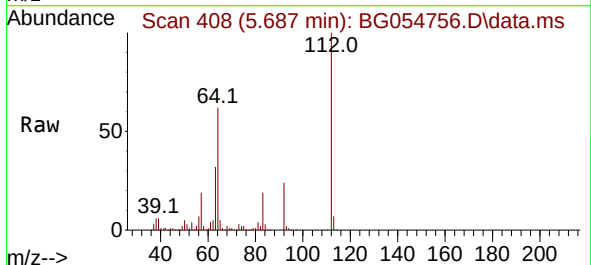
Instrument :
BNA_G
ClientSampleId :
SB-03-9-11

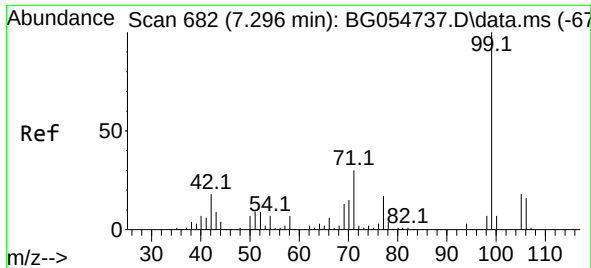
Tgt Ion:152 Resp: 43822
Ion Ratio Lower Upper
152 100
150 154.9 125.2 187.8
115 58.0 47.9 71.9



#5
2-Fluorophenol
Concen: 106.068 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

Tgt Ion:112 Resp: 266925
Ion Ratio Lower Upper
112 100
64 61.8 49.3 73.9
63 31.9 26.3 39.5

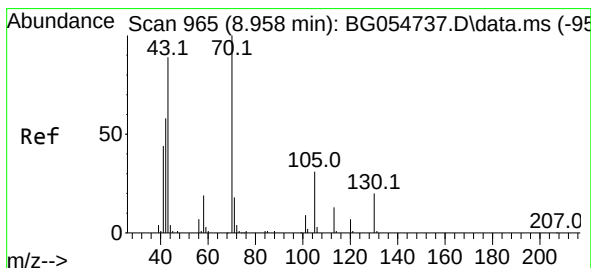
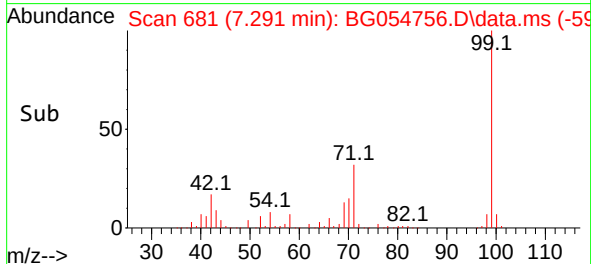
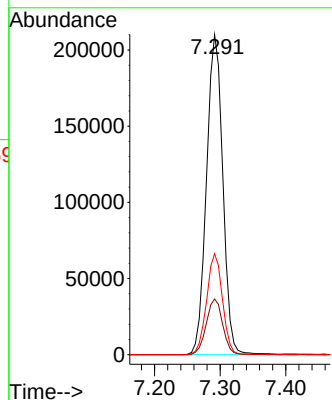
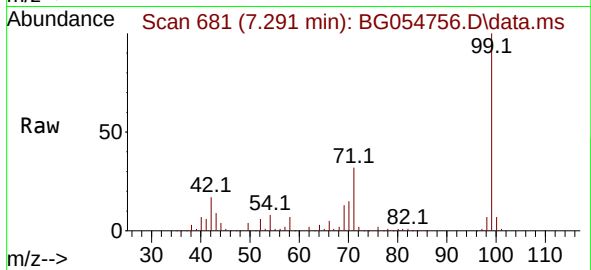




#7
Phenol-d6
Concen: 105.694 ng
RT: 7.291 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

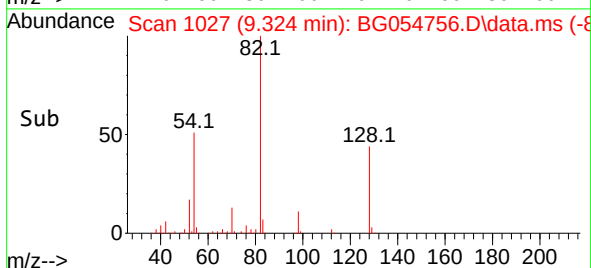
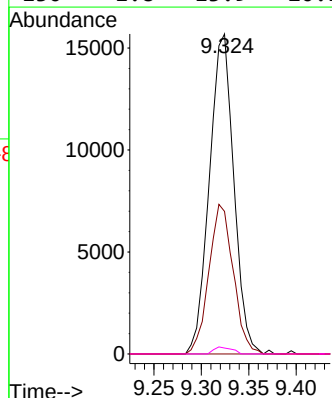
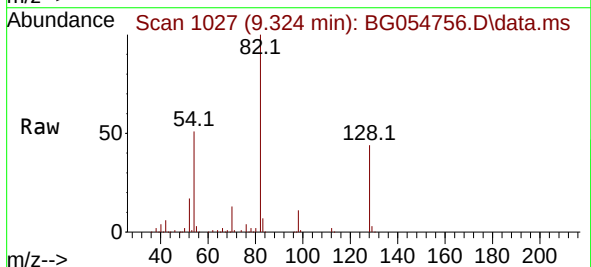
Instrument :
BNA_G
ClientSampleId :
SB-03-9-11

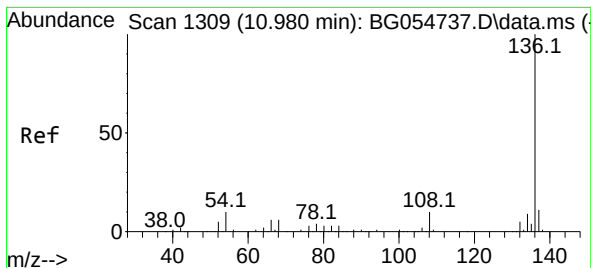
Tgt Ion: 99 Resp: 363753
Ion Ratio Lower Upper
99 100
42 17.4 14.6 22.0
71 31.5 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.879 ng
RT: 9.324 min Scan# 1027
Delta R.T. 0.366 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

Tgt Ion: 70 Resp: 28114
Ion Ratio Lower Upper
70 100
42 44.5 46.6 69.8#
101 0.0 7.7 11.5#
130 1.8 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.975 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG054756.D

Acq: 26 Aug 2022 15:13

Instrument :

BNA_G

ClientSampleId :

SB-03-9-11

Tgt Ion:136 Resp: 176221

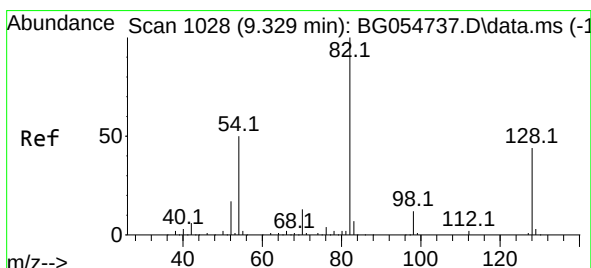
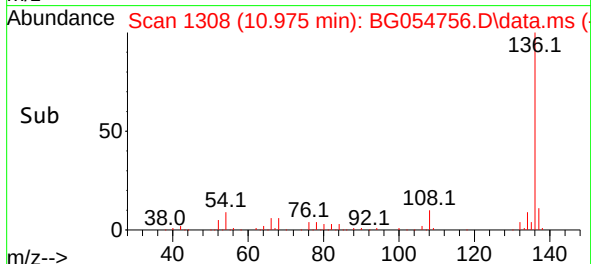
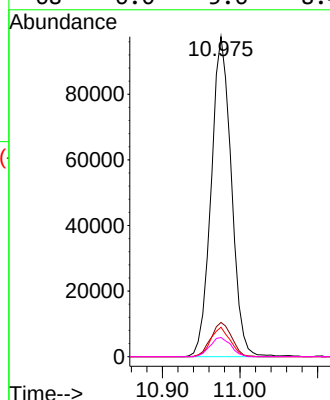
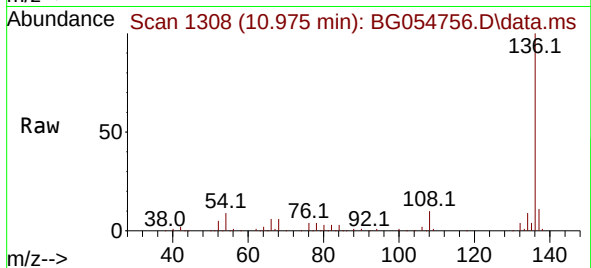
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 9.2 7.7 11.5

68 6.0 5.6 8.4



#23

Nitrobenzene-d5

Concen: 65.180 ng

RT: 9.324 min Scan# 1027

Delta R.T. -0.004 min

Lab File: BG054756.D

Acq: 26 Aug 2022 15:13

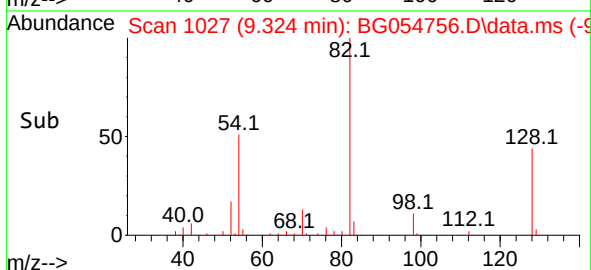
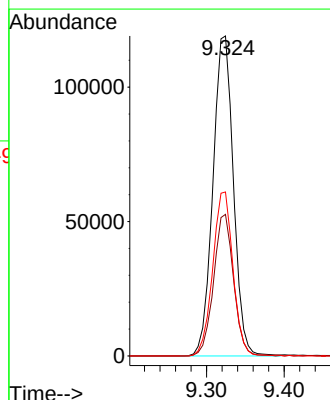
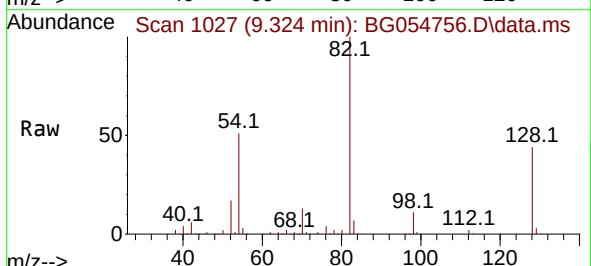
Tgt Ion: 82 Resp: 218796

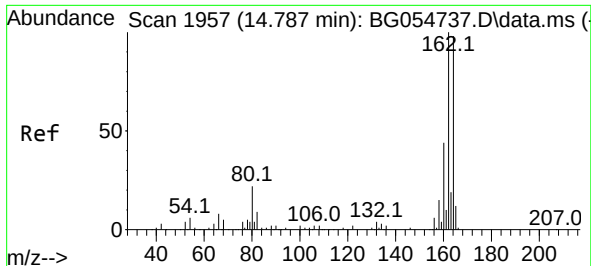
Ion Ratio Lower Upper

82 100

128 44.3 32.2 48.2

54 51.2 41.4 62.0

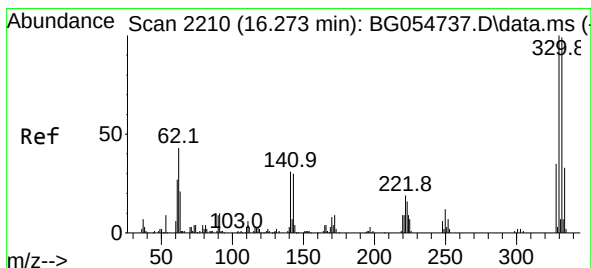
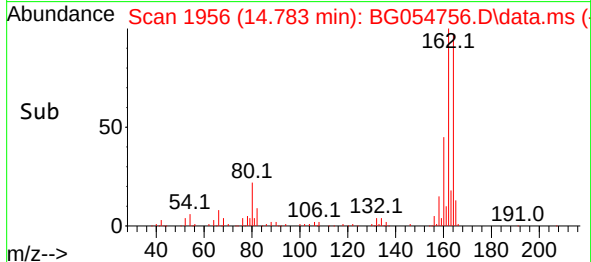
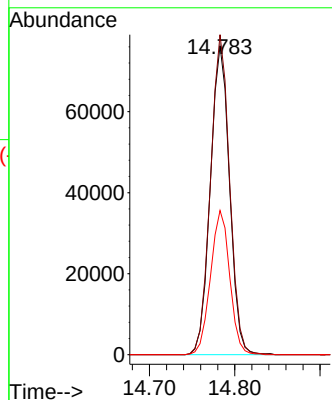
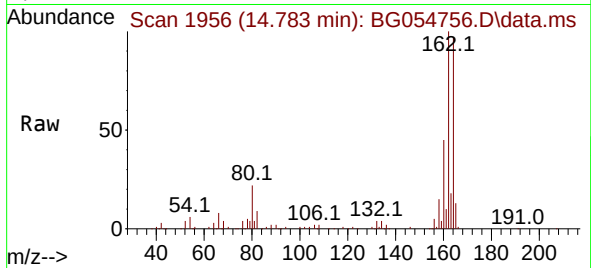




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

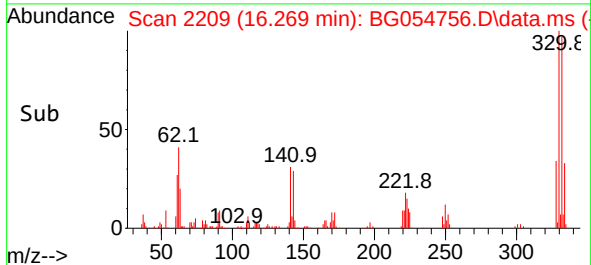
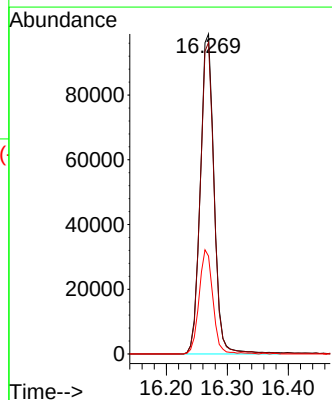
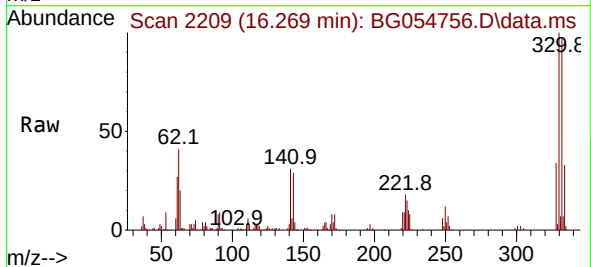
Instrument :
BNA_G
ClientSampleId :
SB-03-9-11

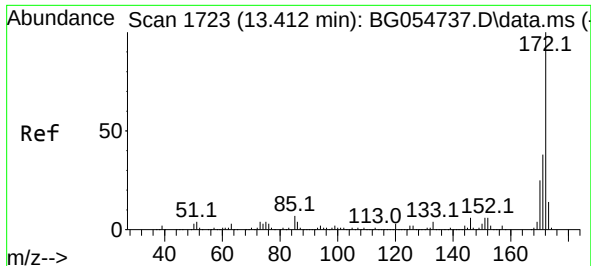
Tgt Ion:164 Resp: 119560
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.4
160 46.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 103.983 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

Tgt Ion:330 Resp: 155349
Ion Ratio Lower Upper
330 100
332 97.7 79.8 119.6
141 32.7 26.8 40.2

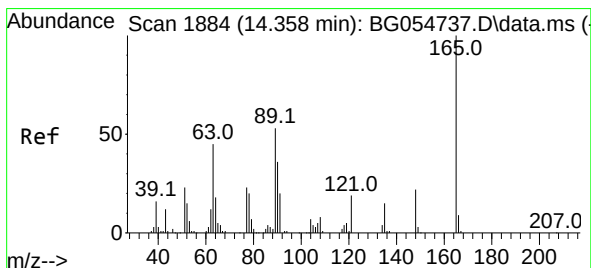
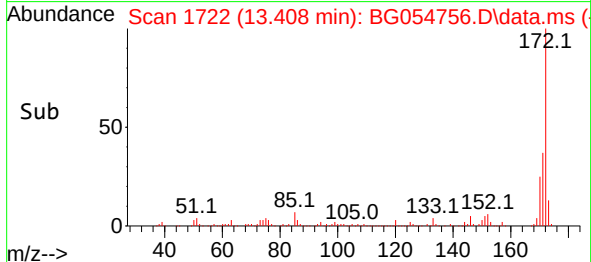
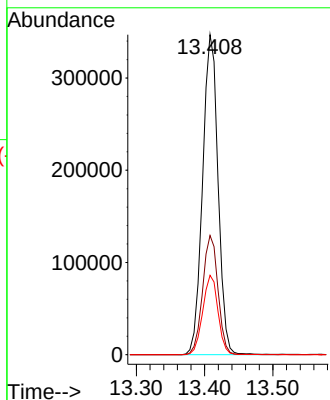
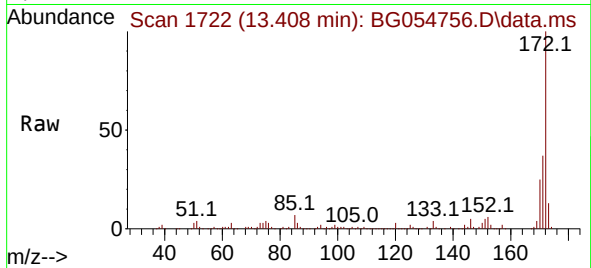




#45
2-Fluorobiphenyl
Concen: 68.735 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

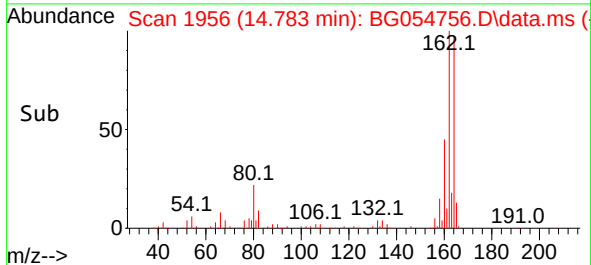
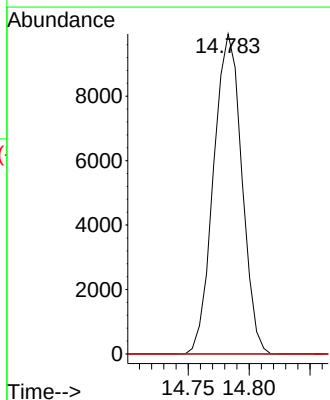
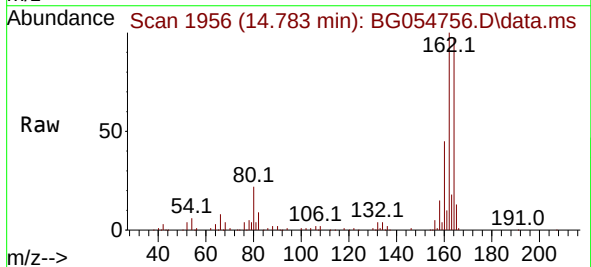
Instrument :
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SB-03-9-11

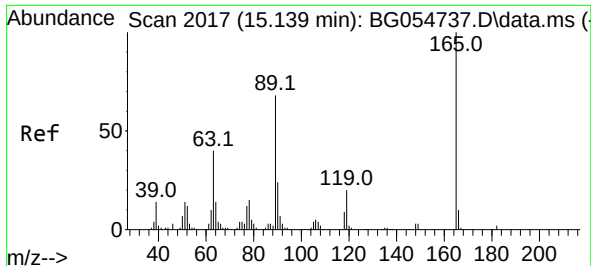
Tgt Ion:172 Resp: 546763
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 24.8 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.425 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

Tgt Ion:165 Resp: 16025
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: 6.149 ng

RT: 14.783 min Scan# 1956

Delta R.T. -0.357 min

Lab File: BG054756.D

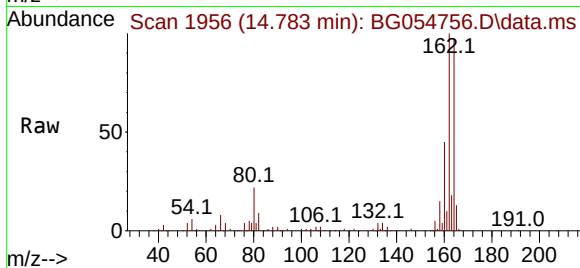
Acq: 26 Aug 2022 15:13

Instrument :

BNA_G

ClientSampleId :

SB-03-9-11



Tgt Ion:165 Resp: 16025

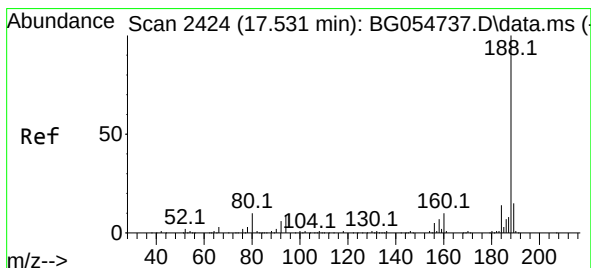
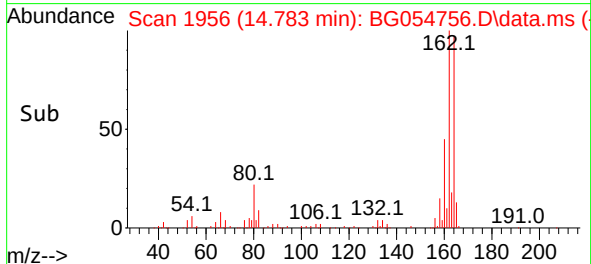
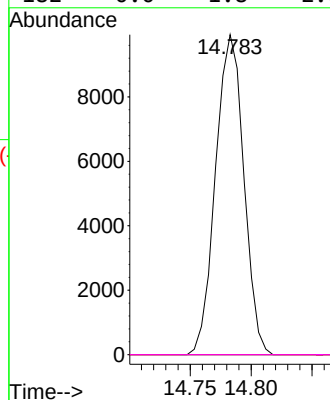
Ion Ratio Lower Upper

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: 17.527 min Scan# 2423

Delta R.T. -0.004 min

Lab File: BG054756.D

Acq: 26 Aug 2022 15:13

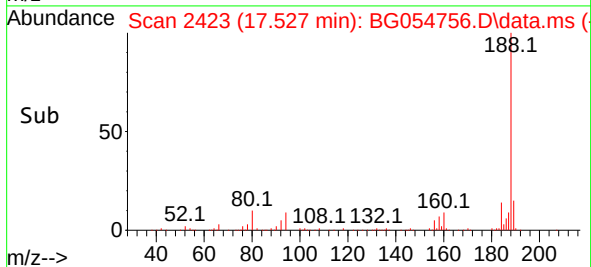
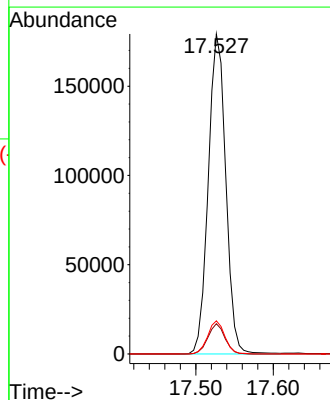
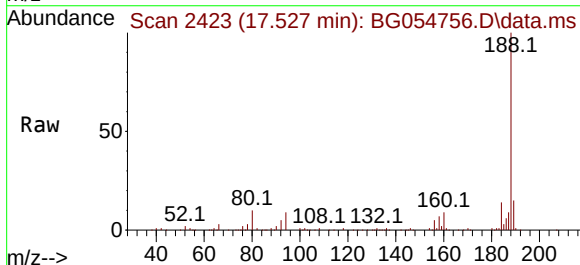
Tgt Ion:188 Resp: 280491

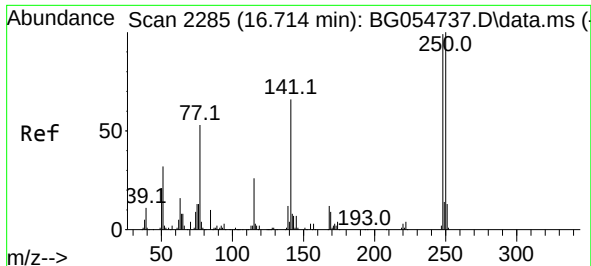
Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.4 7.9 11.9

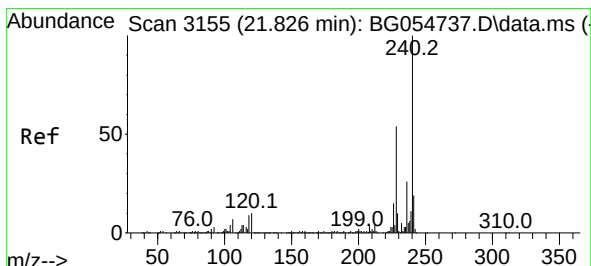
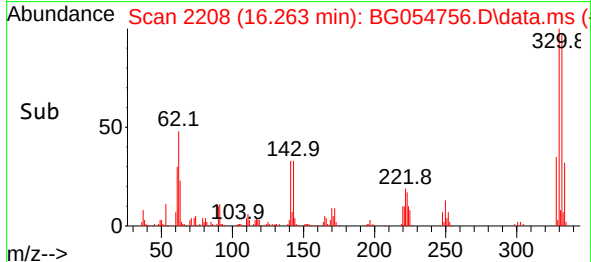
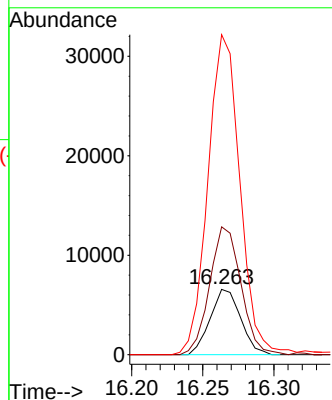
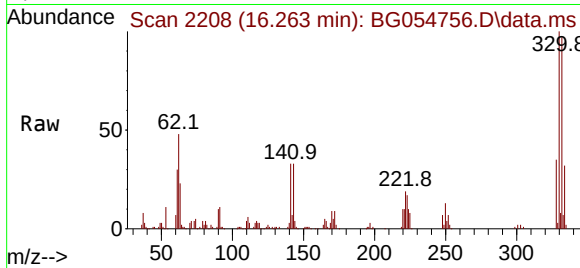




#67
4-Bromophenyl-phenylether
Concen: 3.182 ng
RT: 16.263 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

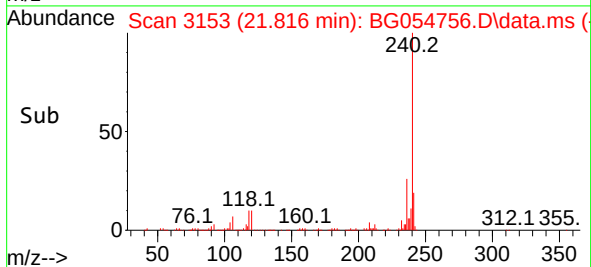
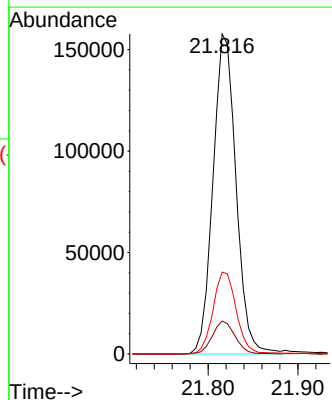
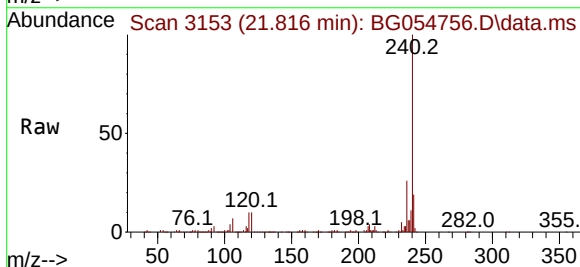
Instrument :
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SB-03-9-11

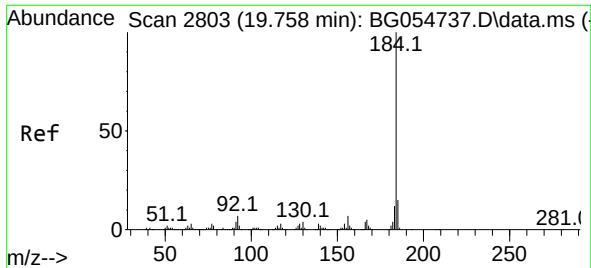
Tgt Ion:248 Resp: 9800
Ion Ratio Lower Upper
248 100
250 195.5 78.8 118.2#
141 489.6 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

Tgt Ion:240 Resp: 280196
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 25.6 21.2 31.8

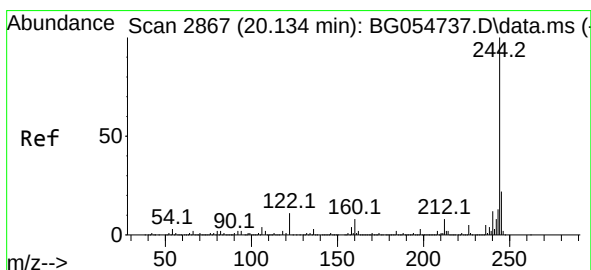
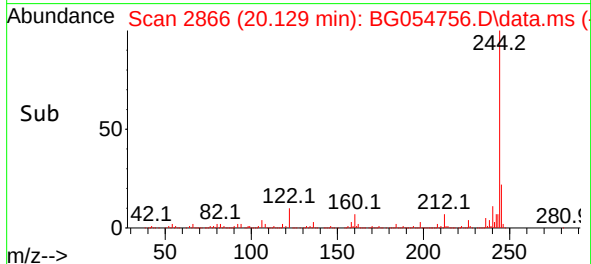
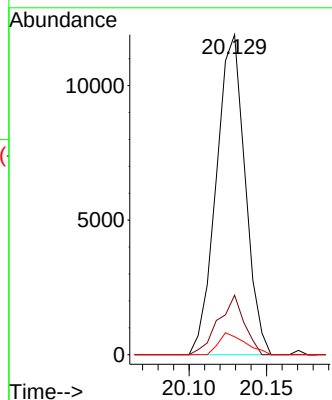
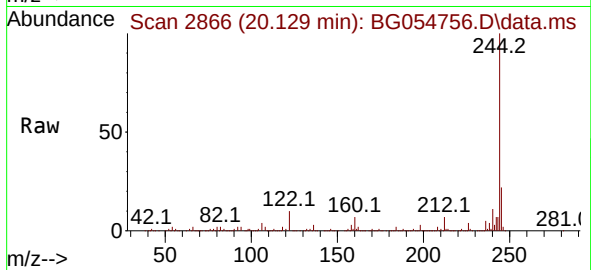




#77
Benzidine
Concen: 2.215 ng
RT: 20.129 min Scan# 2866
Delta R.T. 0.372 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

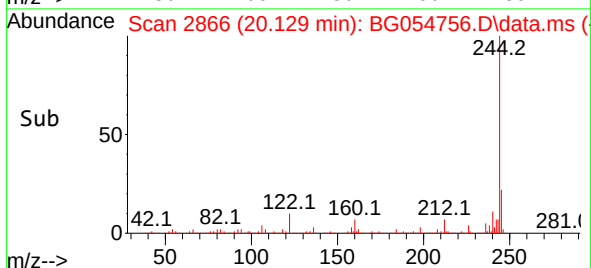
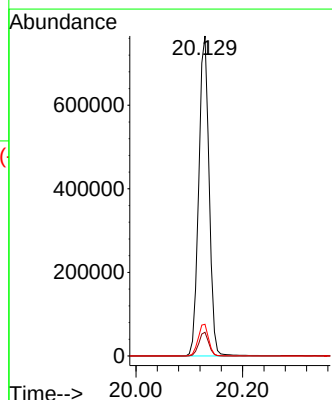
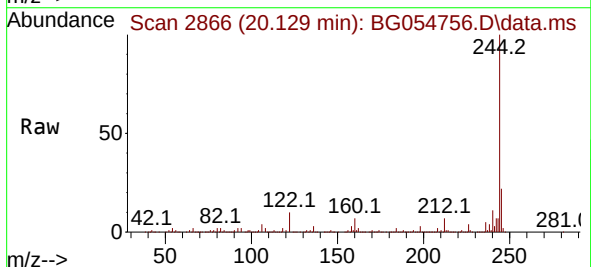
Instrument :
BNA_G
ClientSampleId :
SB-03-9-11

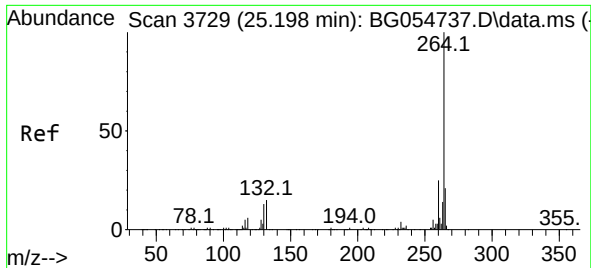
Tgt Ion:184 Resp: 15374
Ion Ratio Lower Upper
184 100
185 18.6 11.4 17.0#
183 5.6 9.8 14.8#



#79
Terphenyl-d14
Concen: 73.211 ng
RT: 20.129 min Scan# 2866
Delta R.T. -0.004 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

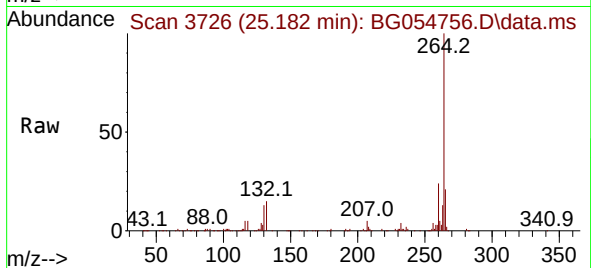
Tgt Ion:244 Resp: 1035304
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.9 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.182 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG054756.D
Acq: 26 Aug 2022 15:13

Instrument :
BNA_G
ClientSampleId :
SB-03-9-11



Tgt Ion:264 Resp: 292932
Ion Ratio Lower Upper
264 100
260 23.7 19.9 29.9
265 21.2 16.9 25.3

