

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058564.D
 Acq On : 1 Aug 2023 16:01
 Operator : MA/JU
 Sample : 03715-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T842-FH-01-CT

Quant Time: Aug 01 19:02:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

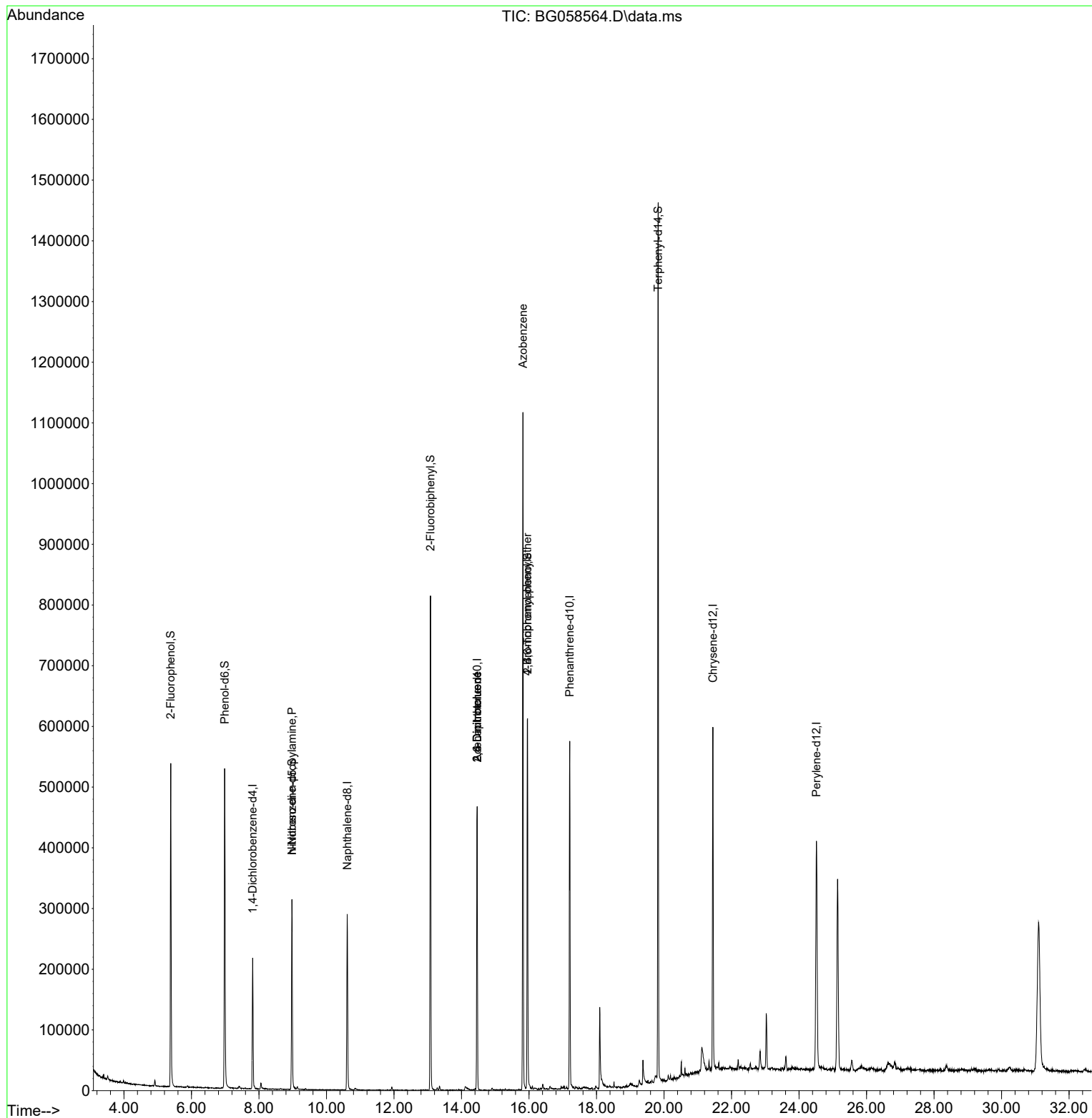
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	60235	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	252139	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	172505	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	377245	20.000	ng	0.00
76) Chrysene-d12	21.448	240	327799	20.000	ng	0.00
86) Perylene-d12	24.515	264	403817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	237559	60.280	ng	0.00
7) Phenol-d6	6.982	99	326158	59.478	ng	0.00
23) Nitrobenzene-d5	8.974	82	193823	37.763	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	142935	50.552	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	464765	40.375	ng	0.00
79) Terphenyl-d14	19.826	244	777688	44.615	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.974	70	24138	6.815	ng	# 80
51) 2,6-Dinitrotoluene	14.462	165	22566	7.938	ng	# 24
57) 2,4-Dinitrotoluene	14.462	165	22566	5.726	ng	# 24
63) Azobenzene	15.819	77	333783	25.676	ng	# 1
67) 4-Bromophenyl-phenylether	15.948	248	8589	2.007	ng	# 1

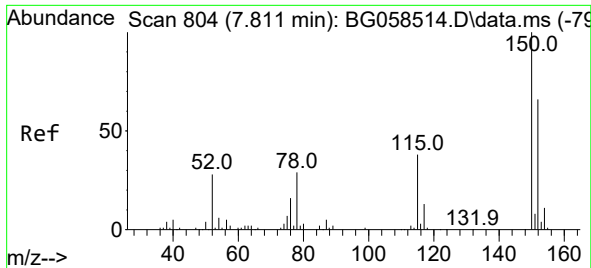
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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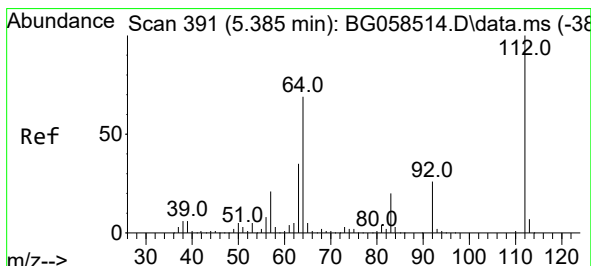
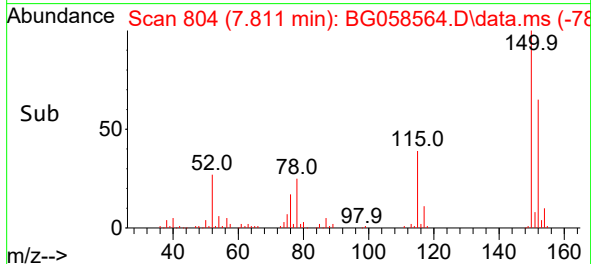
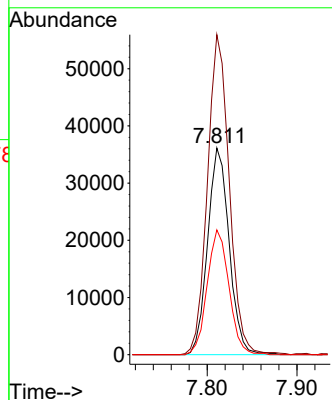
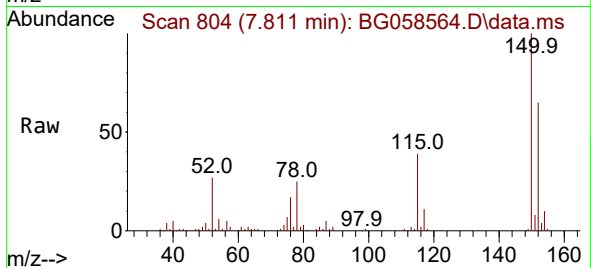




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

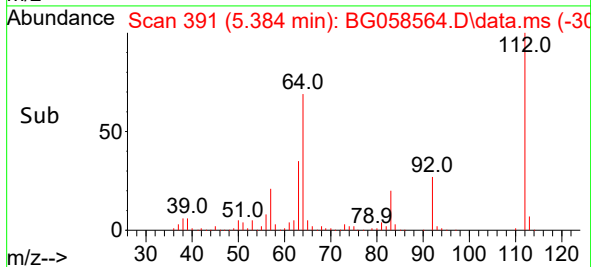
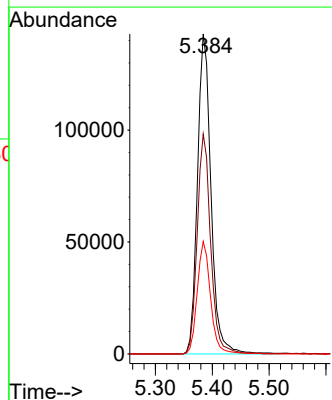
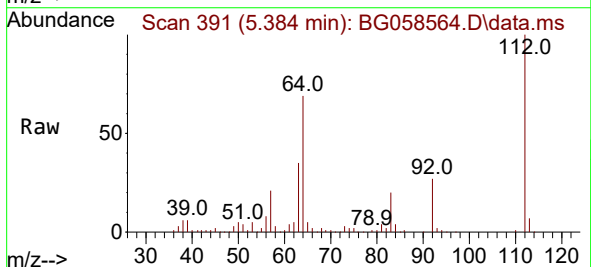
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

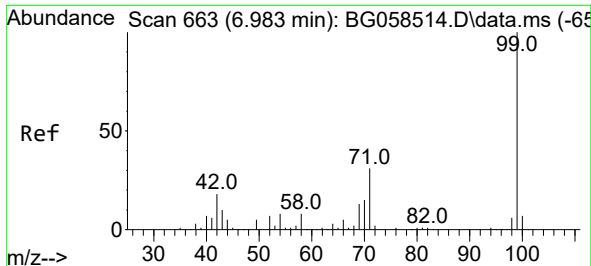
Tgt Ion:152 Resp: 60235
Ion Ratio Lower Upper
152 100
150 154.8 120.5 180.7
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 60.280 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion:112 Resp: 237559
Ion Ratio Lower Upper
112 100
64 68.8 55.3 82.9
63 35.2 28.3 42.5

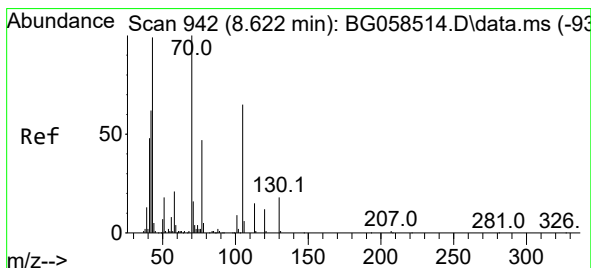
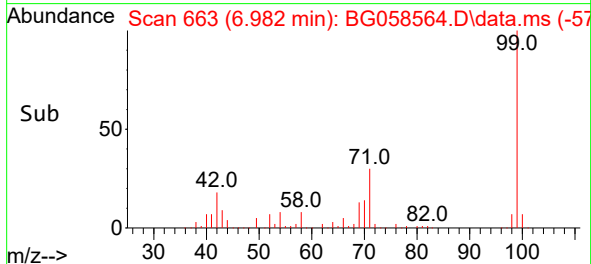
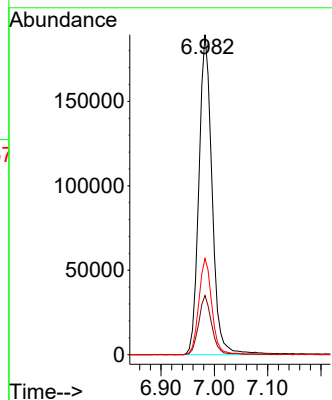
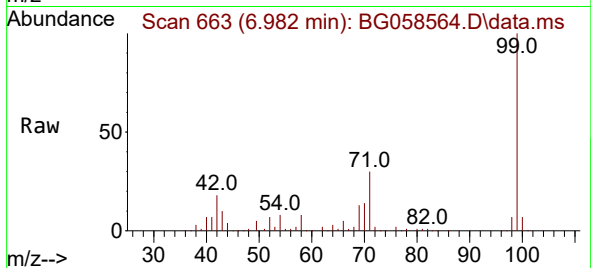




#7
Phenol-d6
Concen: 59.478 ng
RT: 6.982 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

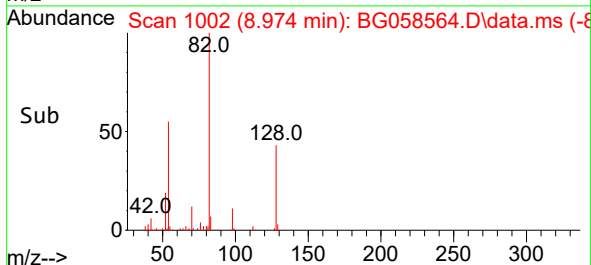
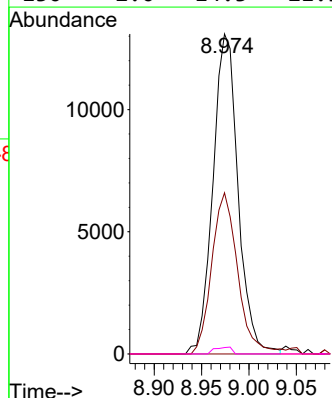
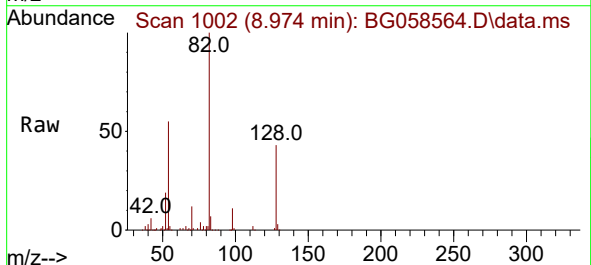
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

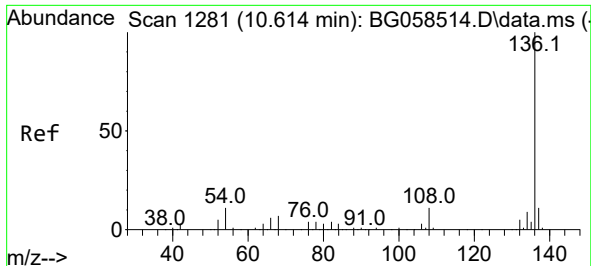
Tgt Ion: 99 Resp: 326158
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 30.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.815 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.352 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion: 70 Resp: 24138
Ion Ratio Lower Upper
70 100
42 50.3 49.7 74.5
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#

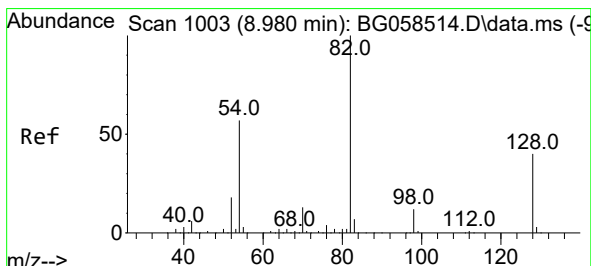
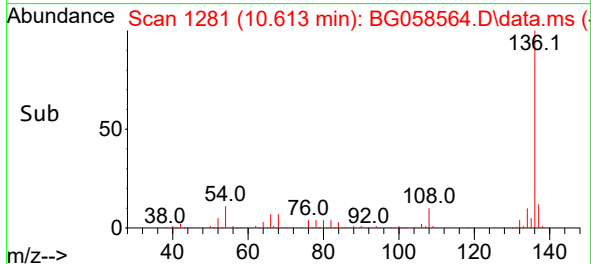
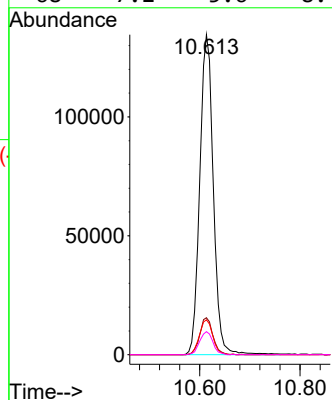
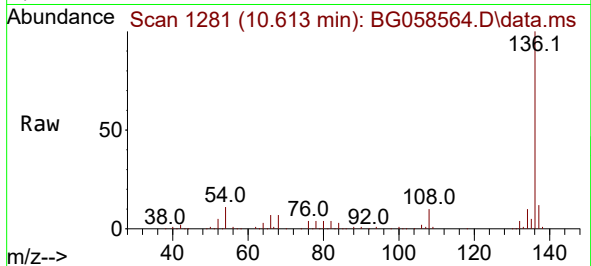




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.613 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

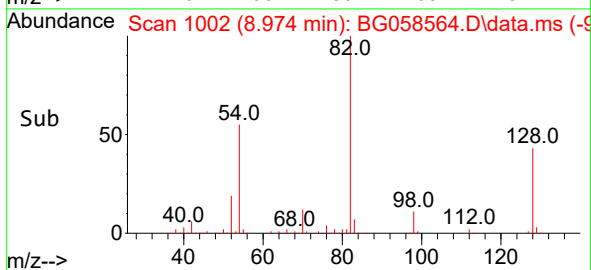
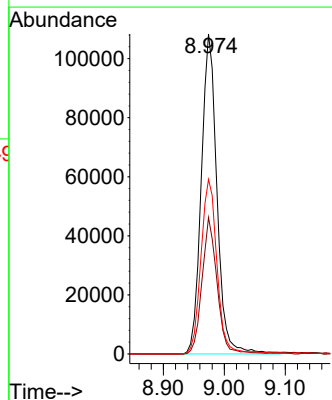
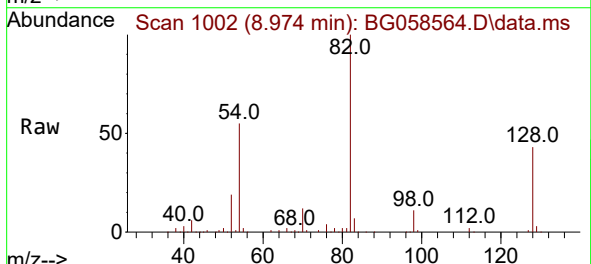
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

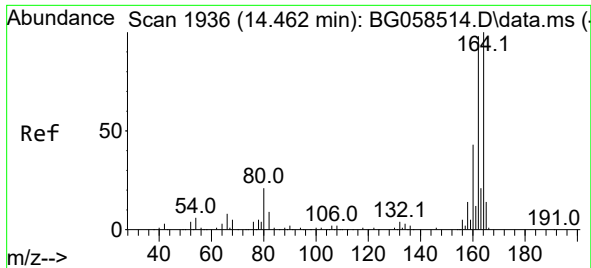
Tgt Ion:136 Resp: 252139
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 10.9 8.9 13.3
68 7.2 5.6 8.4



#23
Nitrobenzene-d5
Concen: 37.763 ng
RT: 8.974 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion: 82 Resp: 193823
Ion Ratio Lower Upper
82 100
128 42.6 32.2 48.2
54 54.6 46.0 69.0

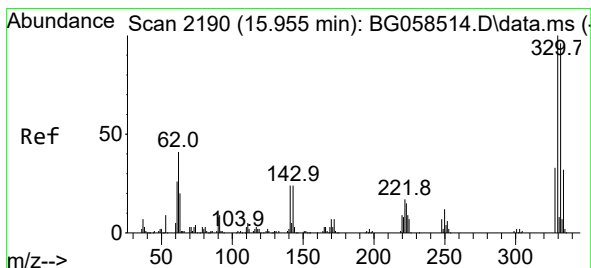
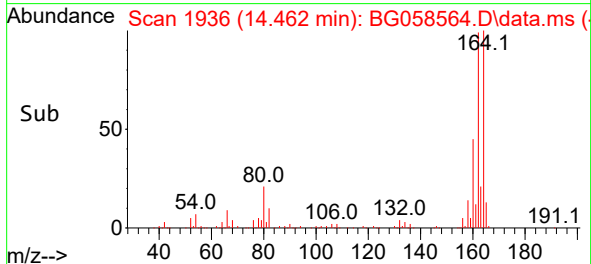
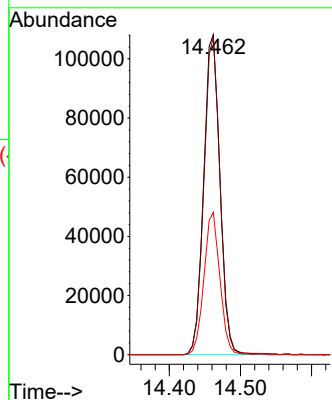
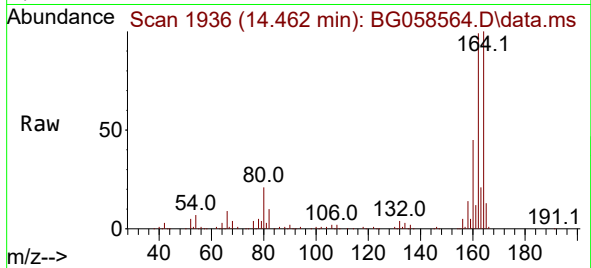




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

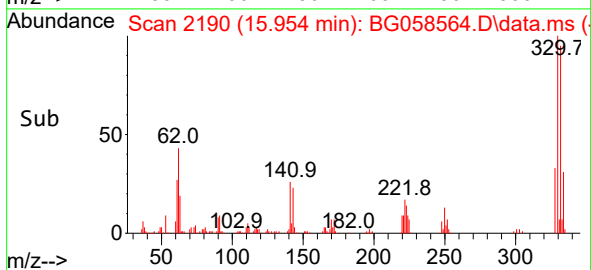
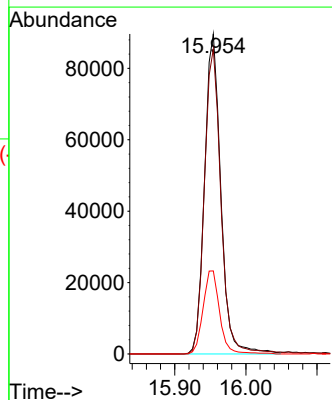
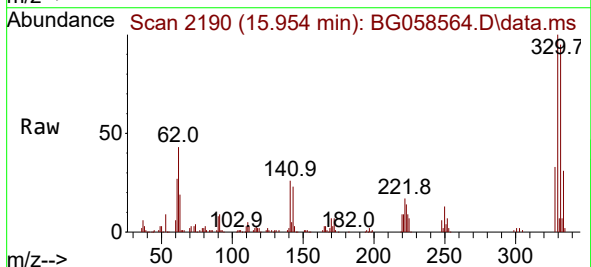
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

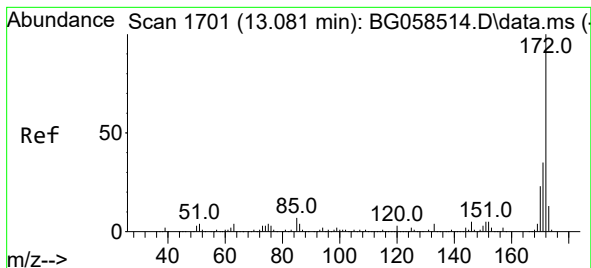
Tgt Ion:164 Resp: 172505
Ion Ratio Lower Upper
164 100
162 99.3 78.3 117.5
160 44.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 50.552 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion:330 Resp: 142935
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 26.5 20.7 31.1

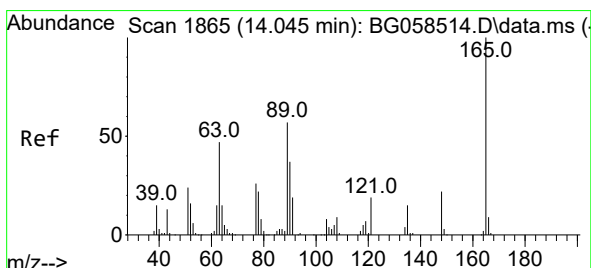
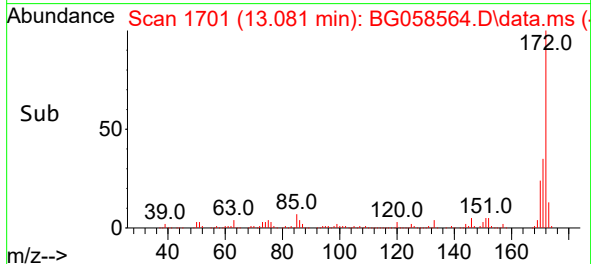
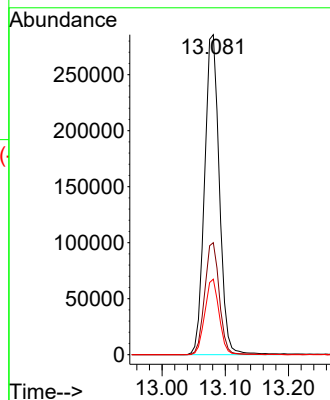
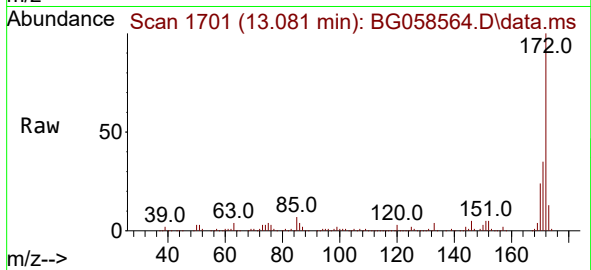




#45
2-Fluorobiphenyl
Concen: 40.375 ng
RT: 13.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

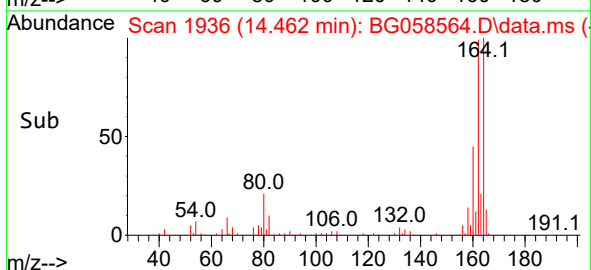
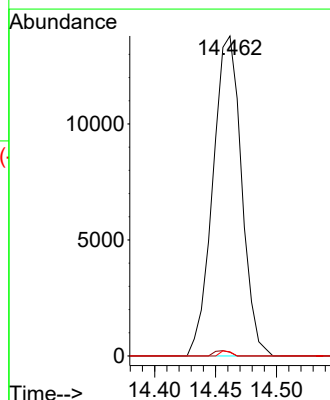
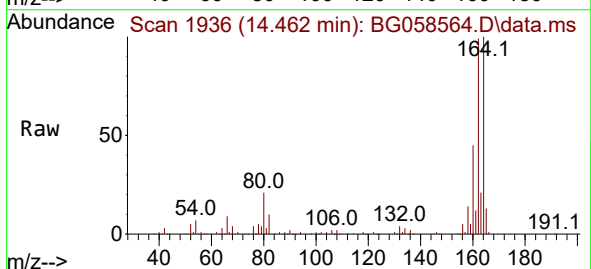
Instrument :
BNA_G
ClientSampleId :
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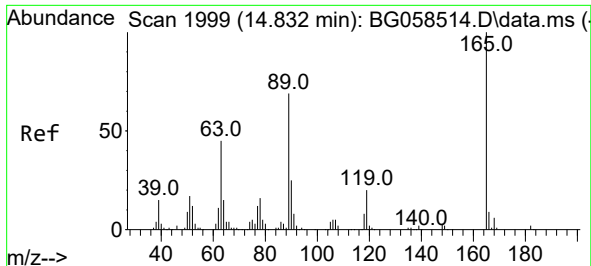
Tgt Ion:172 Resp: 464765
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.938 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion:165 Resp: 22566
Ion Ratio Lower Upper
165 100
63 1.1 46.4 69.6#
89 1.3 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.726 ng

RT: 14.462 min Scan# 1999

Delta R.T. -0.370 min

Lab File: BG058564.D

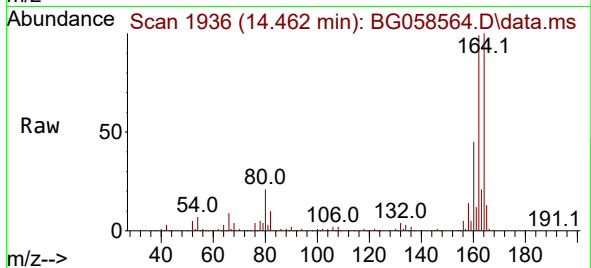
Acq: 1 Aug 2023 16:01

Instrument :

BNA_G

ClientSampleId :

T842-FH-01-CT



Tgt Ion:165 Resp: 22566

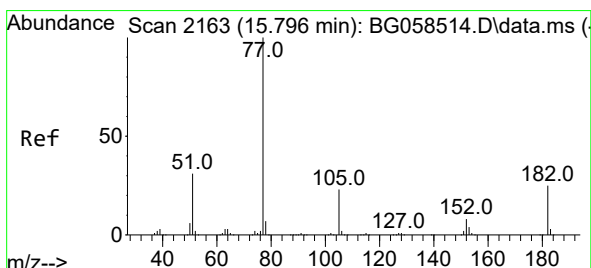
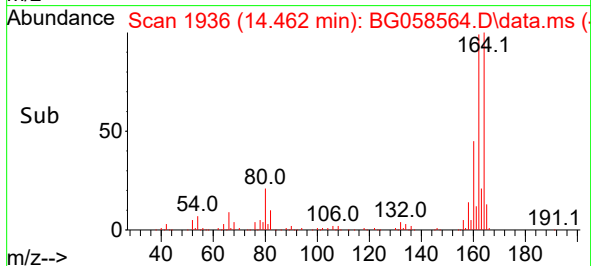
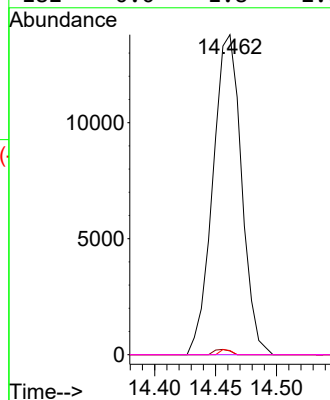
Ion Ratio Lower Upper

165 100

63 1.1 36.6 54.8#

89 1.3 55.4 83.0#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 25.676 ng

RT: 15.819 min Scan# 2167

Delta R.T. 0.023 min

Lab File: BG058564.D

Acq: 1 Aug 2023 16:01

Tgt Ion: 77 Resp: 333783

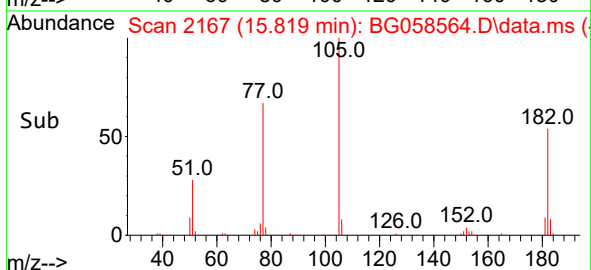
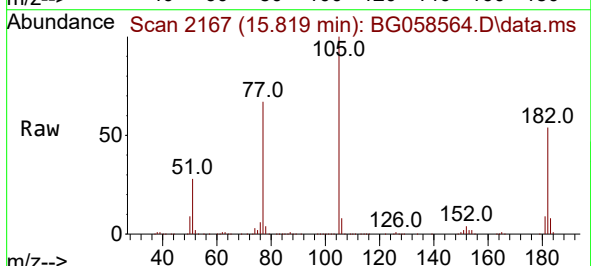
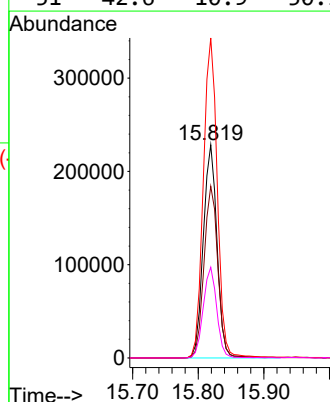
Ion Ratio Lower Upper

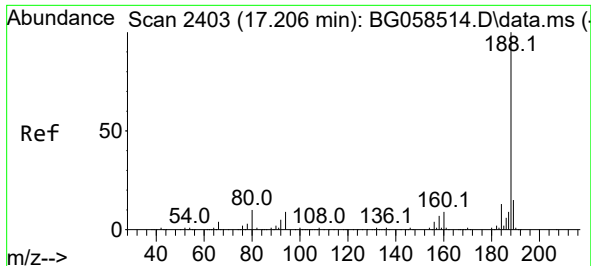
77 100

182 80.6 4.6 44.6#

105 150.2 3.3 43.3#

51 42.6 10.9 50.9

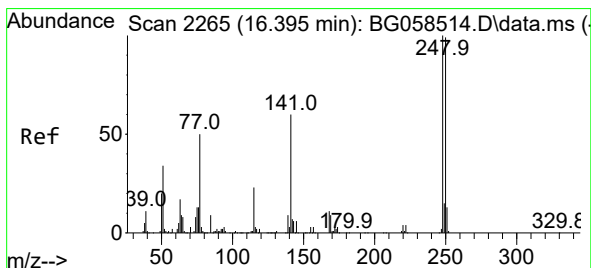
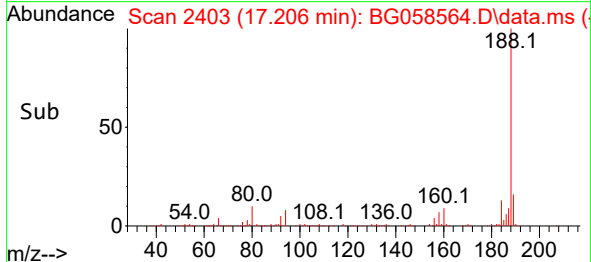
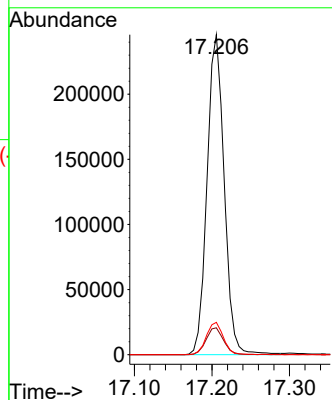
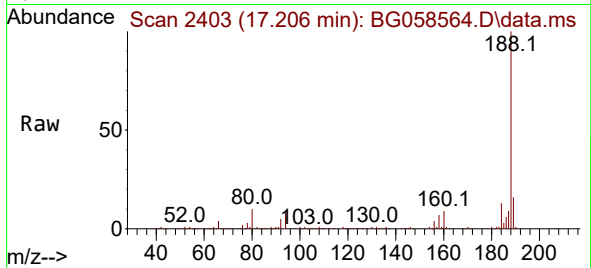




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

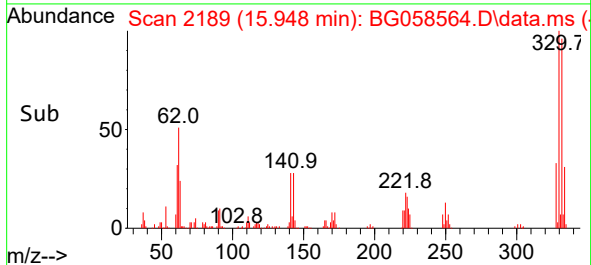
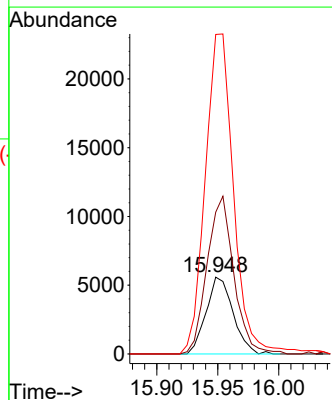
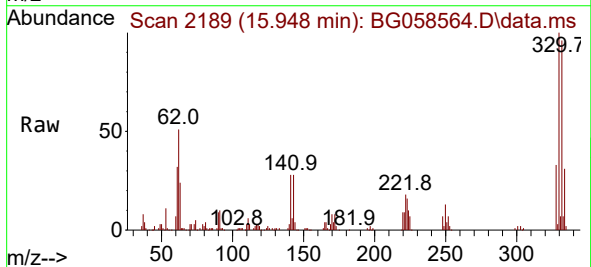
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

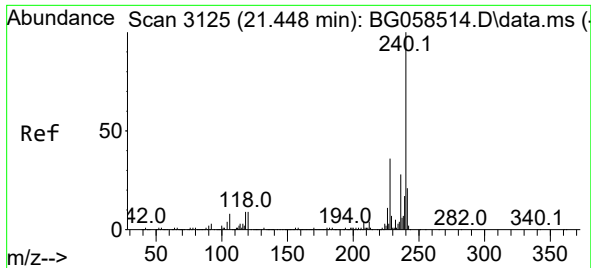
Tgt Ion:188 Resp: 377245
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 10.1 8.1 12.1



#67
4-Bromophenyl-phenylether
Concen: 2.007 ng
RT: 15.948 min Scan# 2189
Delta R.T. -0.447 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion:248 Resp: 8589
Ion Ratio Lower Upper
248 100
250 184.7 79.5 119.3#
141 416.3 48.2 72.2#

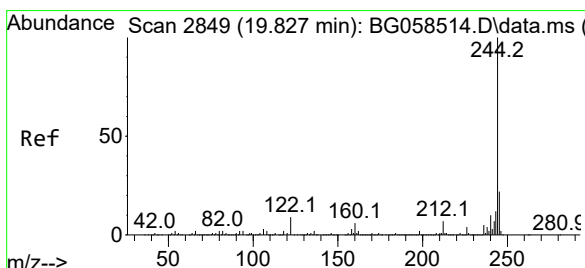
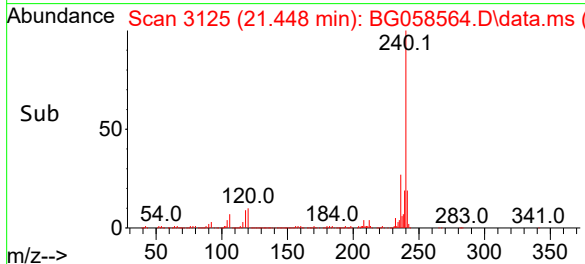
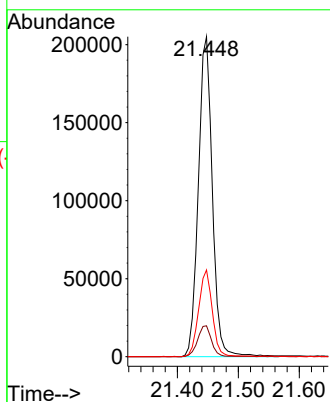
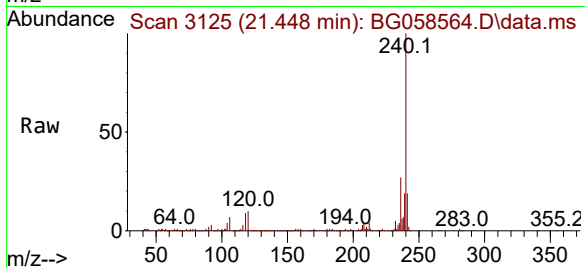




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

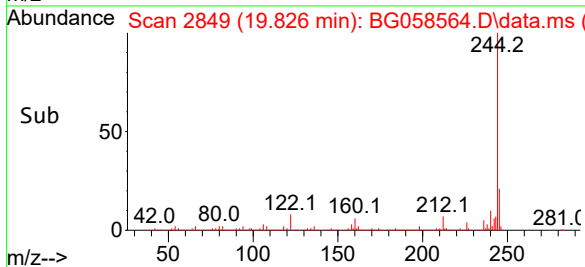
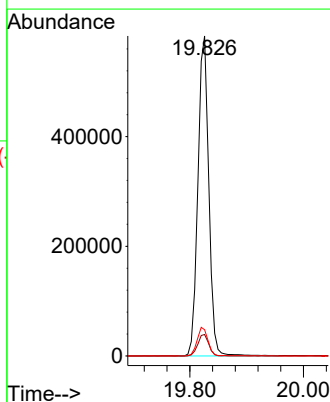
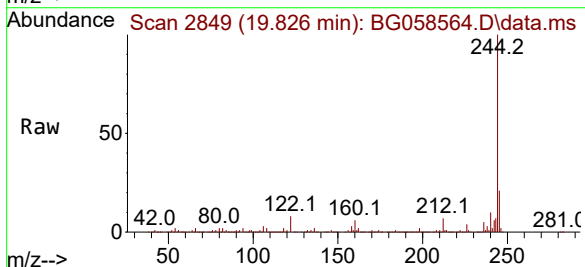
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

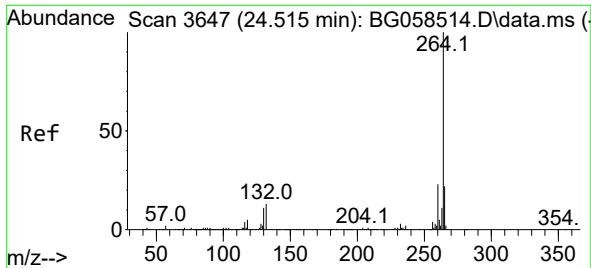
Tgt Ion:240 Resp: 327799
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 27.1 22.2 33.4



#79
Terphenyl-d14
Concen: 44.615 ng
RT: 19.826 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion:244 Resp: 777688
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.2 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG058564.D
 Acq: 1 Aug 2023 16:01

Instrument :
 BNA_G
 ClientSampleId :
 T842-FH-01-CT

Tgt Ion:264 Resp: 403817
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.7 17.9 26.9

