

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058566.D
 Acq On : 1 Aug 2023 17:23
 Operator : MA/JU
 Sample : 03715-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T842-FH-03-CT

Quant Time: Aug 01 19:03:17 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)

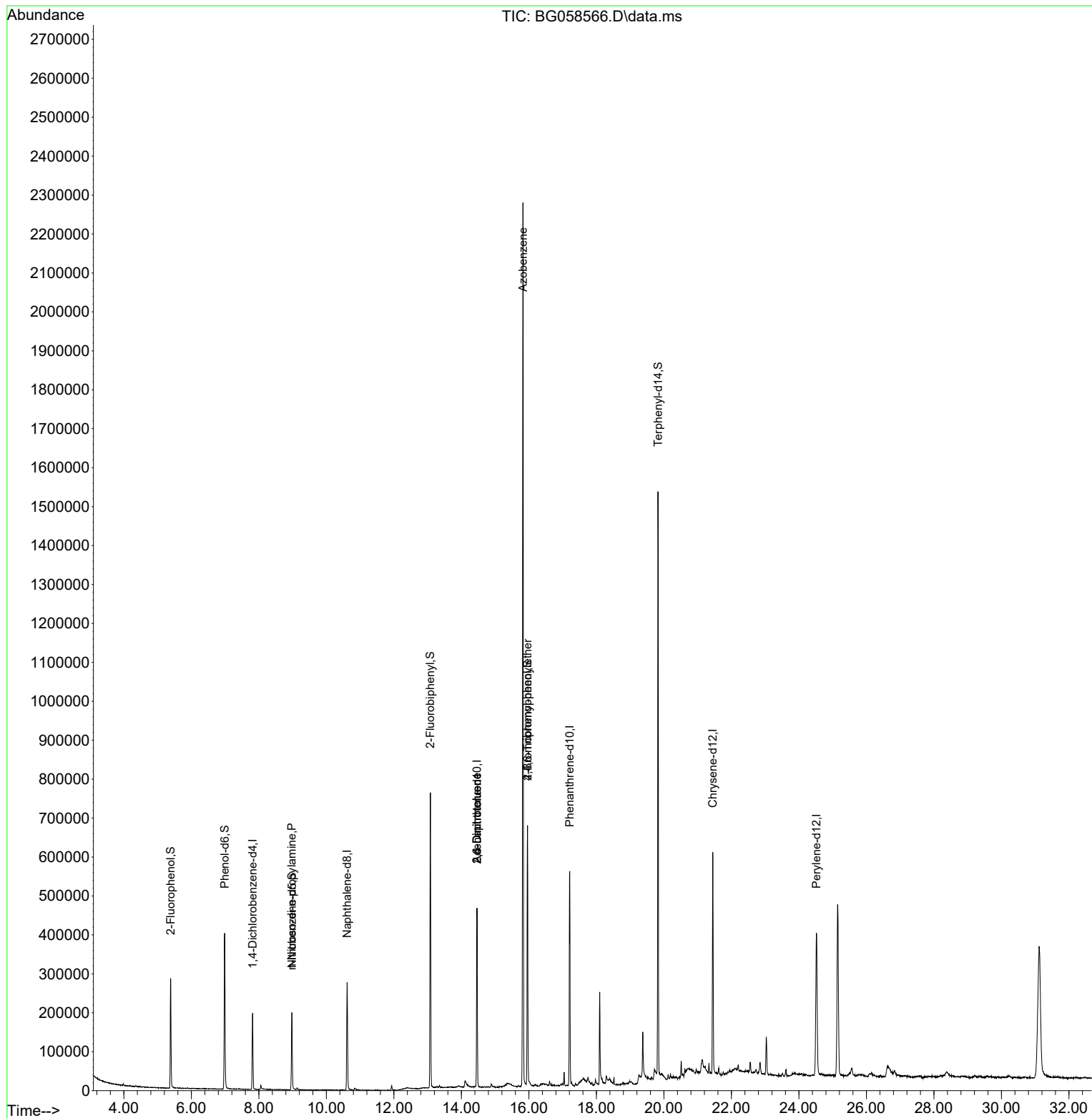
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	55820	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	241716	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	166158	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	363689	20.000	ng	0.00
76) Chrysene-d12	21.446	240	322101	20.000	ng	0.00
86) Perylene-d12	24.519	264	394333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.389	112	125003	34.228	ng	0.00
7) Phenol-d6	6.987	99	251203	49.432	ng	0.00
23) Nitrobenzene-d5	8.979	82	130386	26.499	ng	0.00
42) 2,4,6-Tribromophenol	15.959	330	144732	53.143	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	424848	38.317	ng	0.00
79) Terphenyl-d14	19.825	244	774864	45.239	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.973	70	16265	4.955	ng	# 76
51) 2,6-Dinitrotoluene	14.460	165	21106	7.708	ng	# 25
57) 2,4-Dinitrotoluene	14.460	165	21106	5.560	ng	# 26
63) Azobenzene	15.824	77	705612	56.351	ng	# 1
67) 4-Bromophenyl-phenylether	15.959	248	8928	2.164	ng	# 1

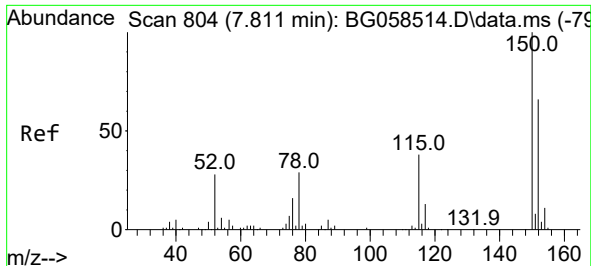
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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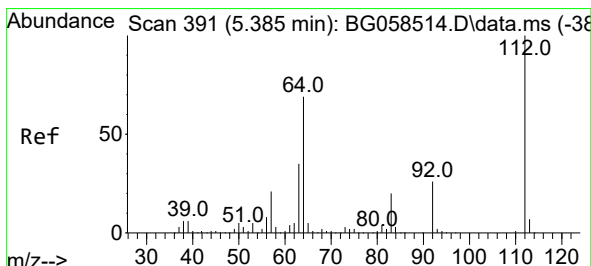
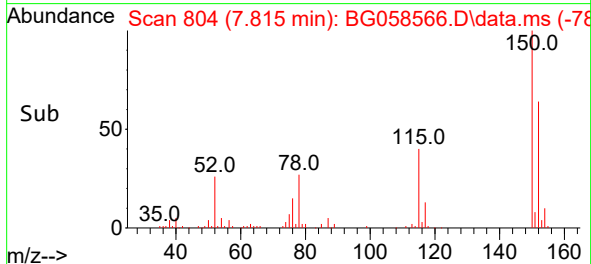
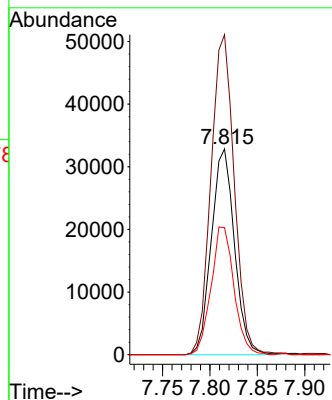
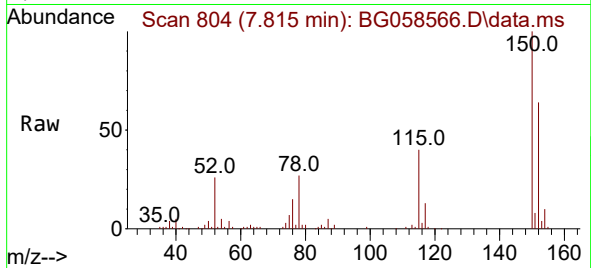




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

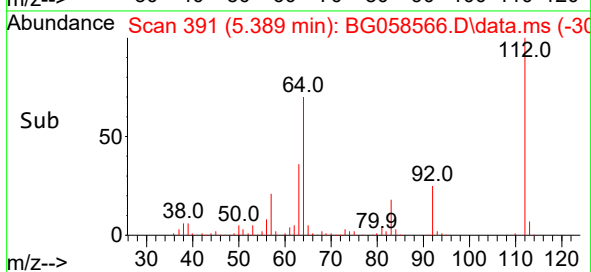
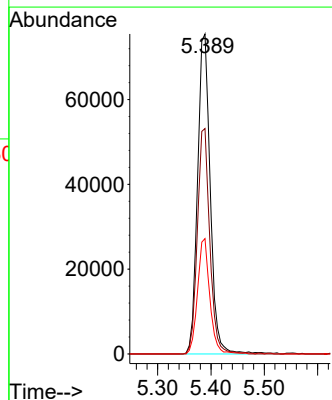
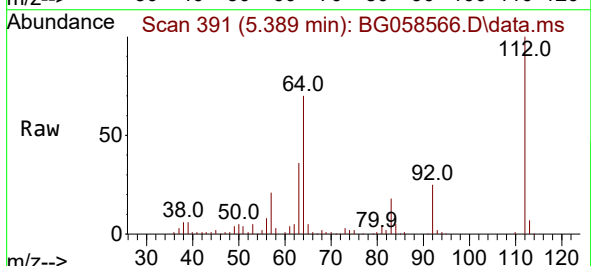
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-CT

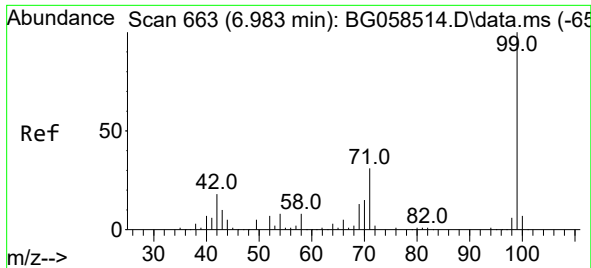
Tgt Ion:152 Resp: 55820
Ion Ratio Lower Upper
152 100
150 155.5 120.5 180.7
115 61.7 45.9 68.9



#5
2-Fluorophenol
Concen: 34.228 ng
RT: 5.389 min Scan# 391
Delta R.T. 0.004 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

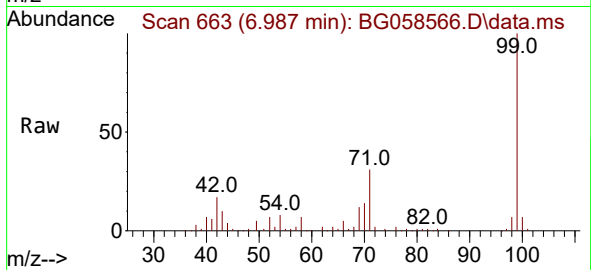
Tgt Ion:112 Resp: 125003
Ion Ratio Lower Upper
112 100
64 70.5 55.3 82.9
63 36.1 28.3 42.5



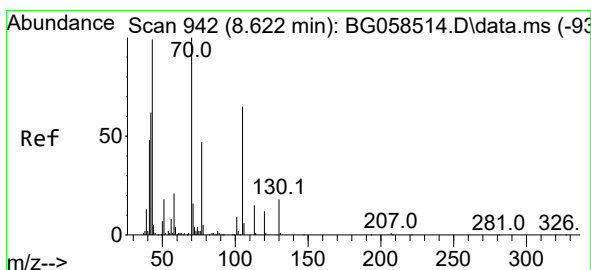
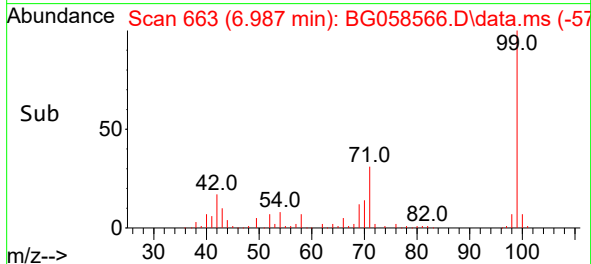
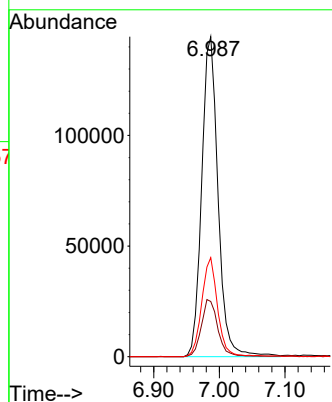


#7
Phenol-d6
Concen: 49.432 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

Instrument :
BNA_G
ClientSampleId :
T842-FH-03-CT

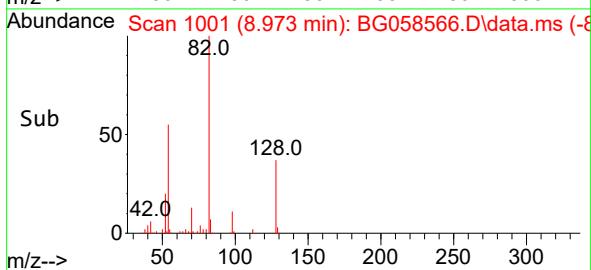
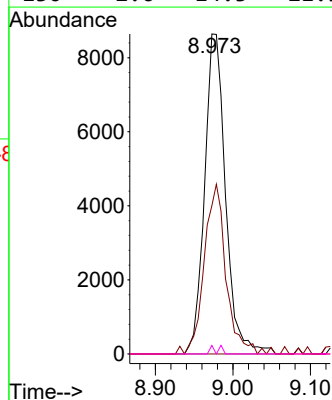
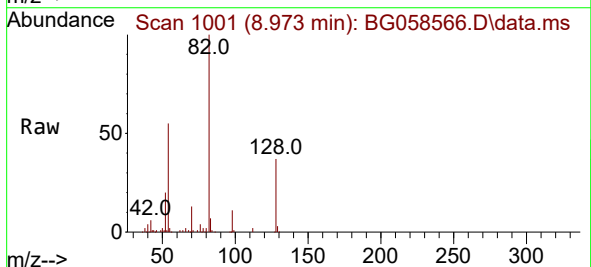


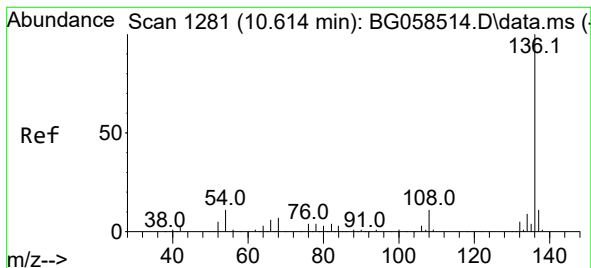
Tgt Ion: 99 Resp: 251203
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 31.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.955 ng
RT: 8.973 min Scan# 1001
Delta R.T. 0.351 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

Tgt Ion: 70 Resp: 16265
Ion Ratio Lower Upper
70 100
42 46.3 49.7 74.5#
101 0.0 7.0 10.4#
130 2.6 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.612 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG058566.D

Acq: 1 Aug 2023 17:23

Instrument :

BNA_G

ClientSampleId :

T842-FH-03-CT

Tgt Ion:136 Resp: 241716

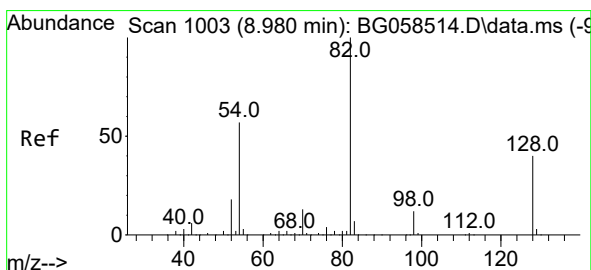
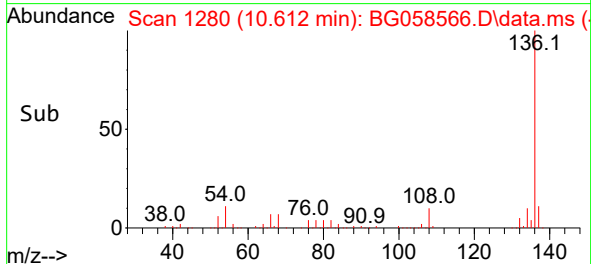
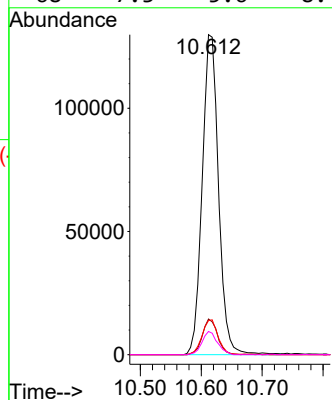
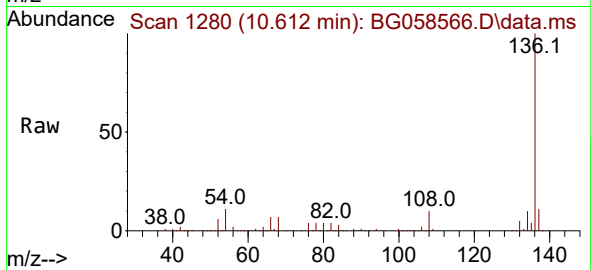
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.7 8.9 13.3

68 7.3 5.6 8.4



#23

Nitrobenzene-d5

Concen: 26.499 ng

RT: 8.979 min Scan# 1002

Delta R.T. -0.002 min

Lab File: BG058566.D

Acq: 1 Aug 2023 17:23

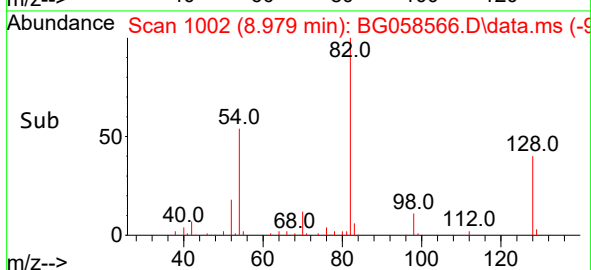
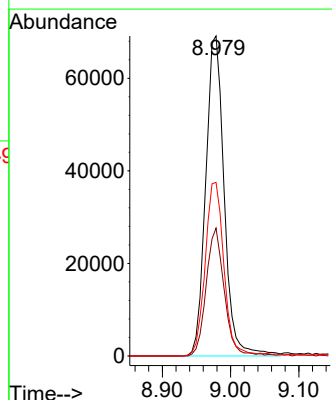
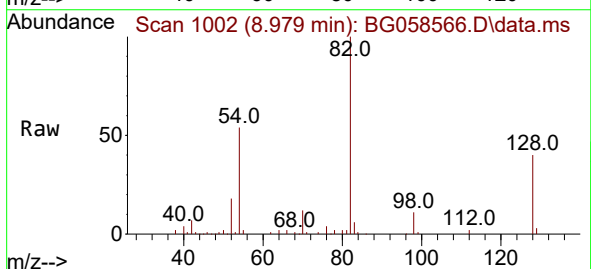
Tgt Ion: 82 Resp: 130386

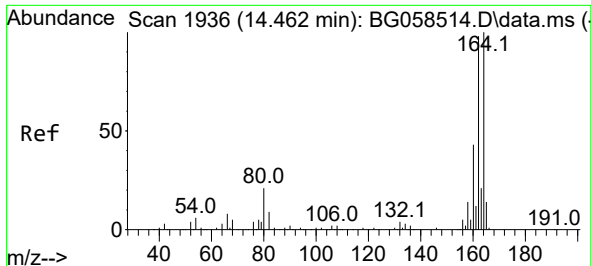
Ion Ratio Lower Upper

82 100

128 40.0 32.2 48.2

54 54.2 46.0 69.0

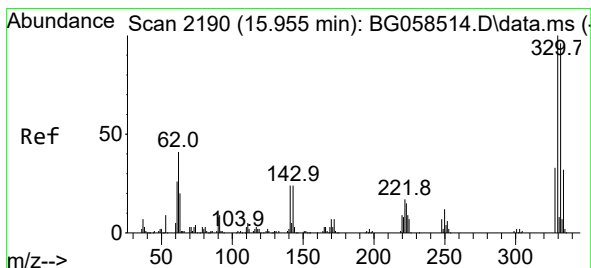
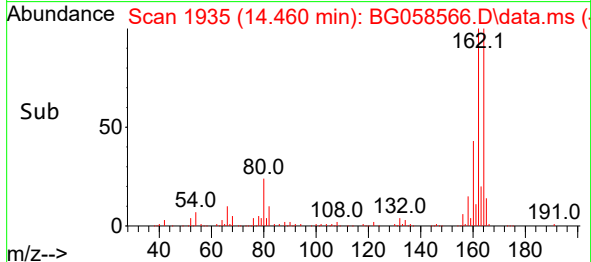
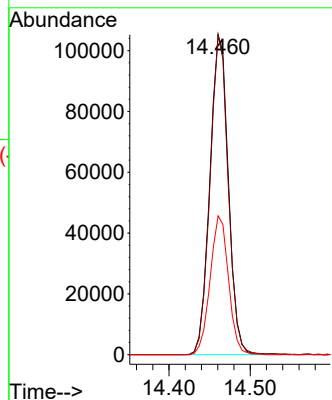
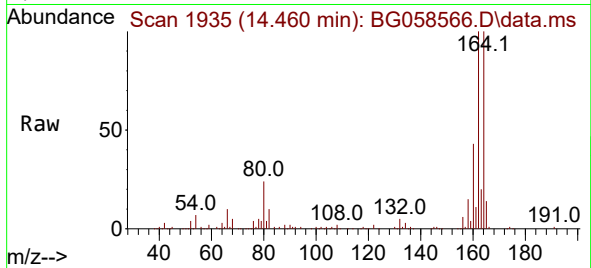




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

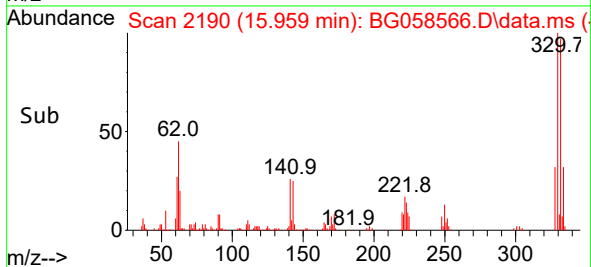
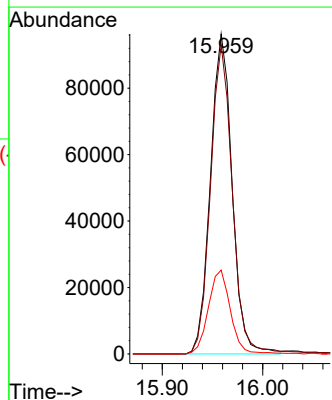
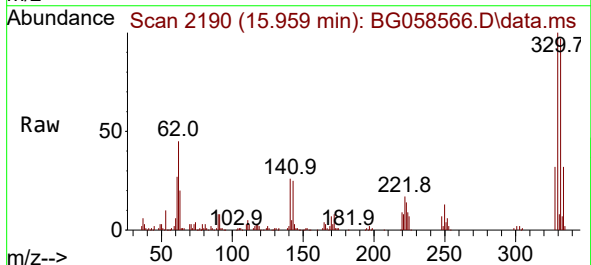
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-CT

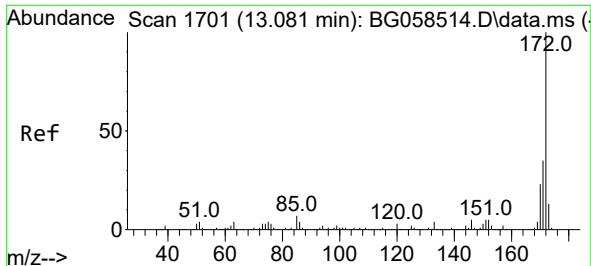
Tgt Ion:164 Resp: 166158
Ion Ratio Lower Upper
164 100
162 99.9 78.3 117.5
160 43.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 53.143 ng
RT: 15.959 min Scan# 2190
Delta R.T. 0.004 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

Tgt Ion:330 Resp: 144732
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 26.7 20.7 31.1

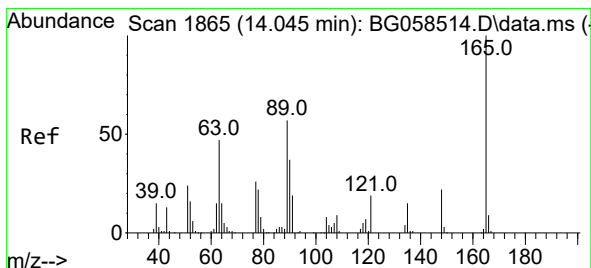
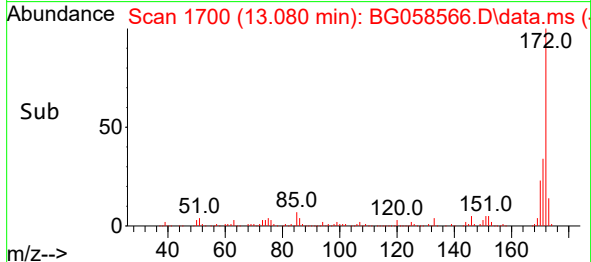
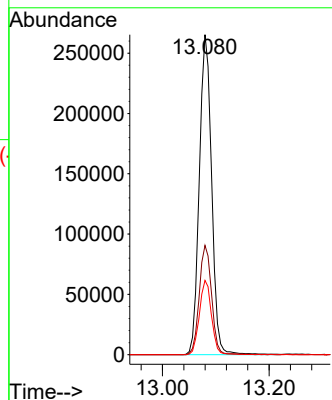
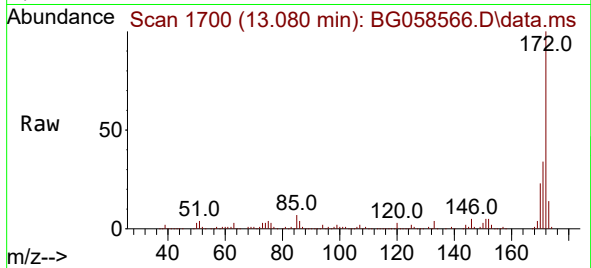




#45
2-Fluorobiphenyl
Concen: 38.317 ng
RT: 13.080 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

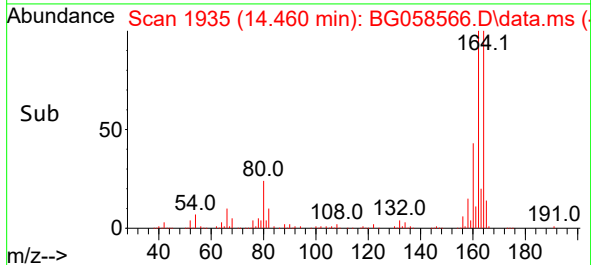
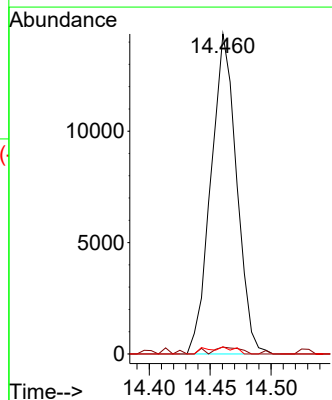
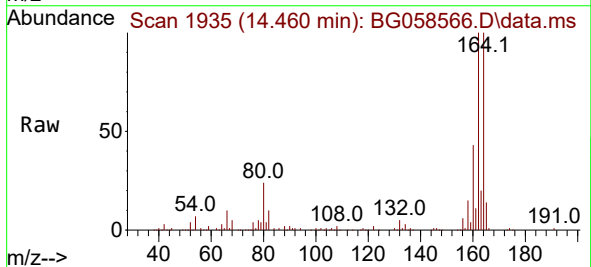
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-CT

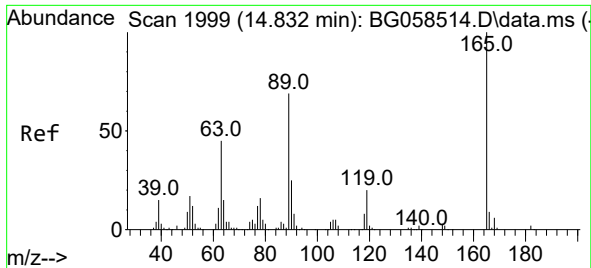
Tgt Ion:172 Resp: 424848
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.2 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.708 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

Tgt Ion:165 Resp: 21106
Ion Ratio Lower Upper
165 100
63 2.2 46.4 69.6#
89 2.2 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.560 ng

RT: 14.460 min Scan# 1999

Delta R.T. -0.372 min

Lab File: BG058566.D

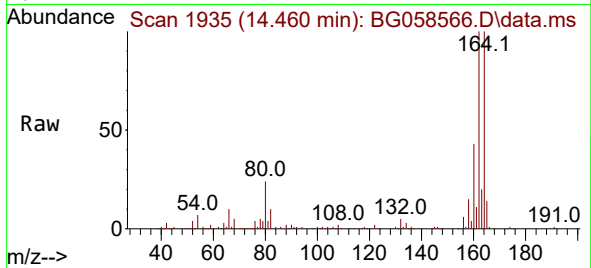
Acq: 1 Aug 2023 17:23

Instrument :

BNA_G

ClientSampleId :

T842-FH-03-CT



Tgt Ion:165 Resp: 21106

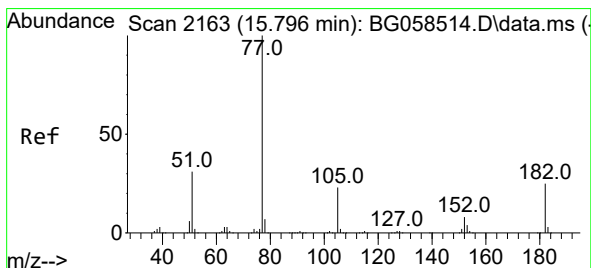
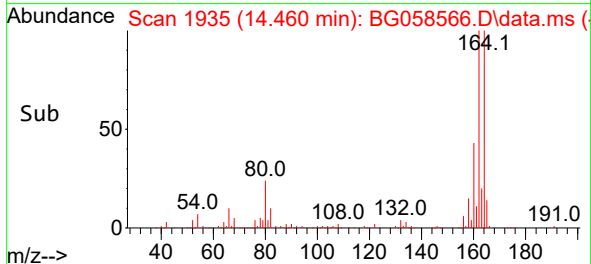
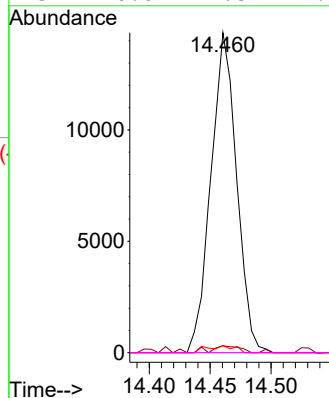
Ion Ratio Lower Upper

165 100

63 2.2 36.6 54.8#

89 2.2 55.4 83.0#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 56.351 ng

RT: 15.824 min Scan# 2167

Delta R.T. 0.028 min

Lab File: BG058566.D

Acq: 1 Aug 2023 17:23

Tgt Ion: 77 Resp: 705612

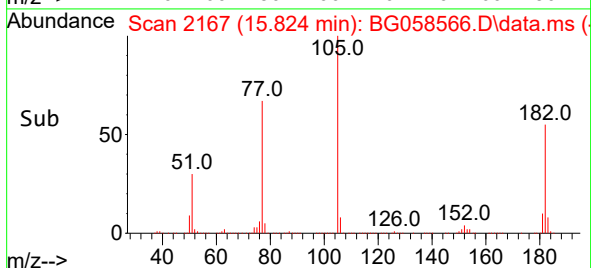
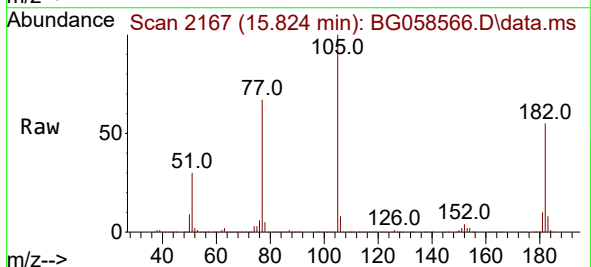
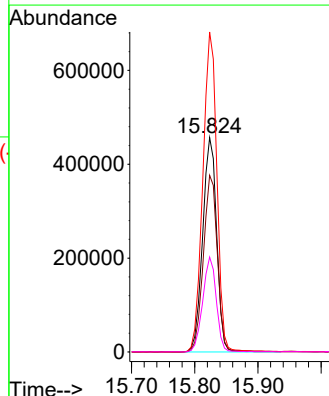
Ion Ratio Lower Upper

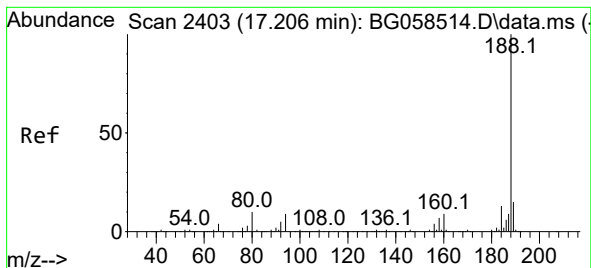
77 100

182 82.4 4.6 44.6#

105 149.3 3.3 43.3#

51 44.2 10.9 50.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 24

Delta R.T. 0.004 min

Lab File: BG058566.D

Acq: 1 Aug 2023 17:23

Instrument :

BNA_G

ClientSampleId :

T842-FH-03-CT

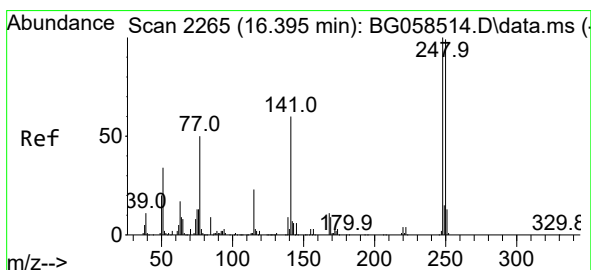
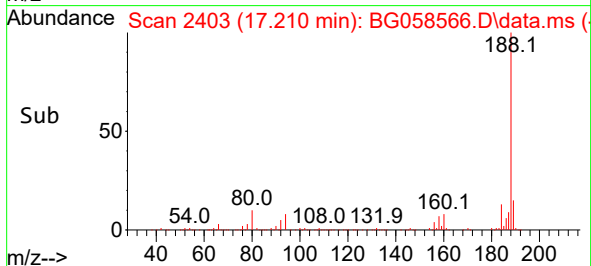
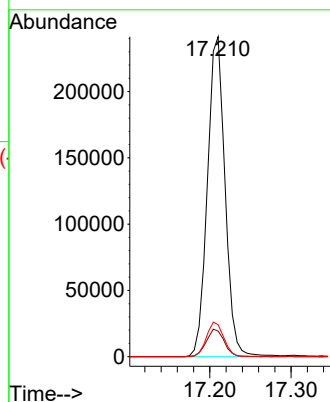
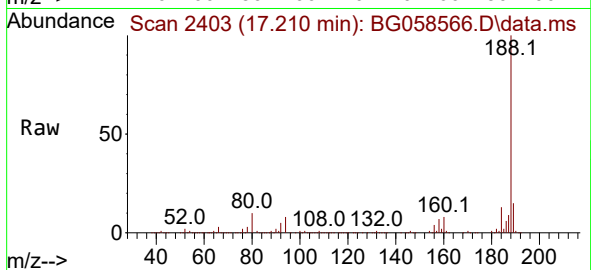
Tgt Ion:188 Resp: 363689

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 10.0 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.164 ng

RT: 15.959 min Scan# 2190

Delta R.T. -0.437 min

Lab File: BG058566.D

Acq: 1 Aug 2023 17:23

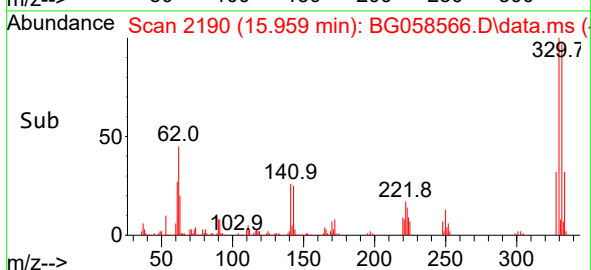
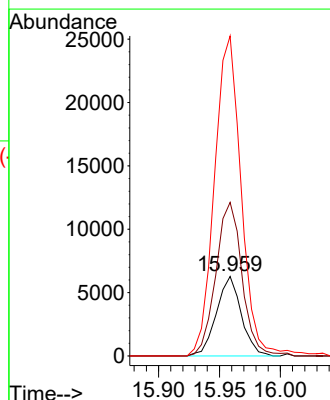
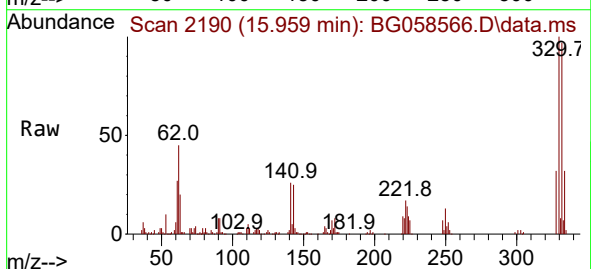
Tgt Ion:248 Resp: 8928

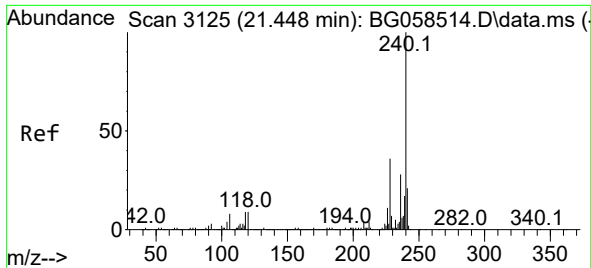
Ion Ratio Lower Upper

248 100

250 193.0 79.5 119.3#

141 402.2 48.2 72.2#

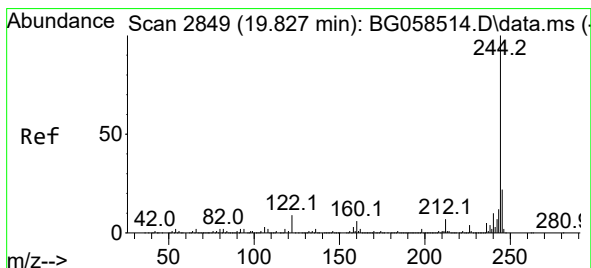
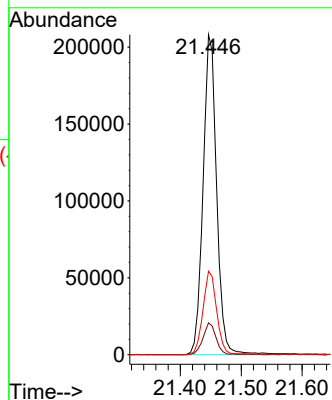
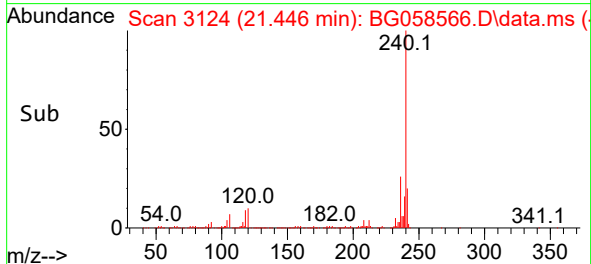
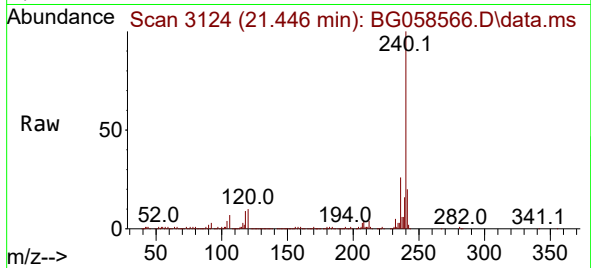




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3125
Delta R.T. -0.002 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

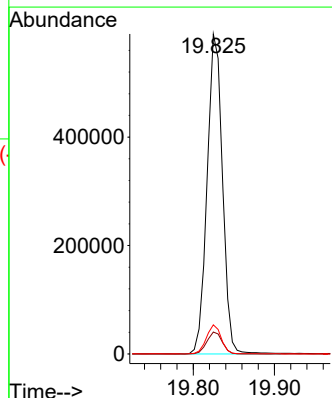
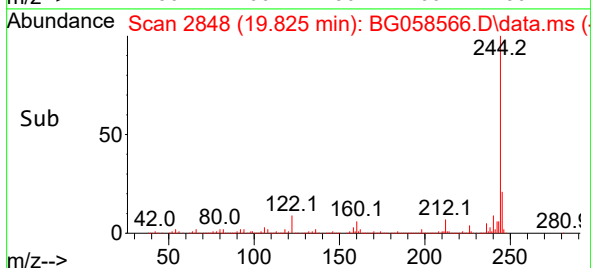
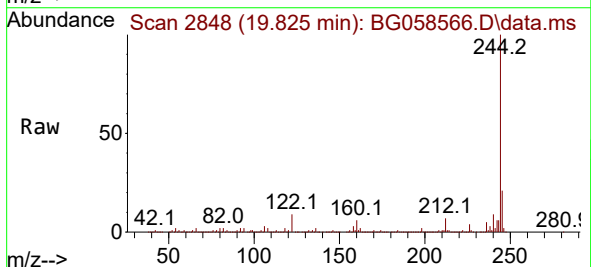
Instrument :
BNA_G
ClientSampleId :
T842-FH-03-CT

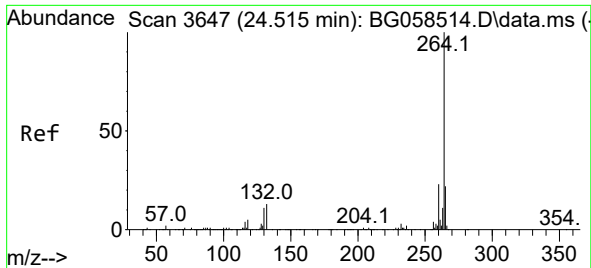
Tgt Ion:240 Resp: 322101
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 26.1 22.2 33.4



#79
Terphenyl-d14
Concen: 45.239 ng
RT: 19.825 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

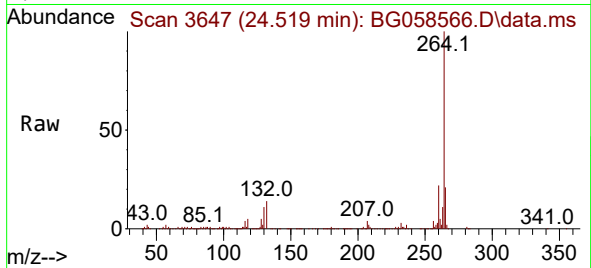
Tgt Ion:244 Resp: 774864
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.1 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG058566.D
Acq: 1 Aug 2023 17:23

Instrument :
BNA_G
ClientSampleId :
T842-FH-03-CT



Tgt Ion:264 Resp: 394333

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.4	27.6
265	20.7	17.9	26.9

