

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064239.D
 Acq On : 29 Aug 2025 22:44
 Operator : RC/JU
 Sample : Q2982-05 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Aug 29 23:23:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

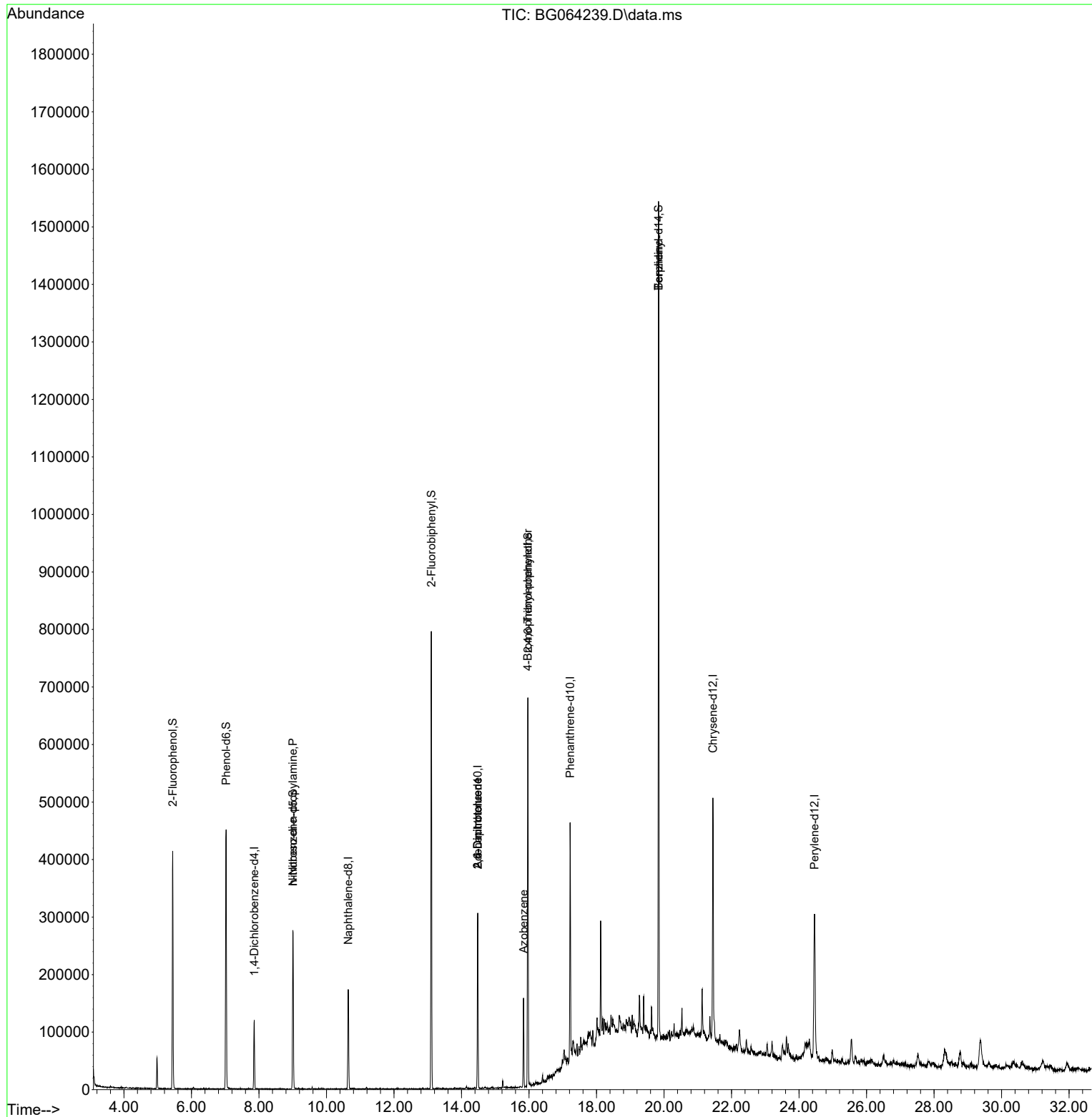
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	29058	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	138862	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	102253	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	232742	20.000	ng	0.00
76) Chrysene-d12	21.448	240	235906	20.000	ng	# 0.00
86) Perylene-d12	24.456	264	256625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	158332	97.757	ng	0.00
7) Phenol-d6	7.024	99	225606	101.391	ng	0.00
23) Nitrobenzene-d5	9.004	82	147948	59.420	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	118964	87.836	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	386198	57.649	ng	0.00
79) Terphenyl-d14	19.838	244	678984	60.049	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.004	70	20547	12.065	ng	# 78
51) 2,6-Dinitrotoluene	14.480	165	14426	9.628	ng	# 18
57) 2,4-Dinitrotoluene	14.480	165	14426	6.368	ng	# 20
63) Azobenzene	15.837	77	42741	5.789	ng	# 13
67) 4-Bromophenyl-phenylether	15.961	248	8505	3.441	ng	# 1
77) Benzidine	19.838	184	13032	2.626	ng	# 87

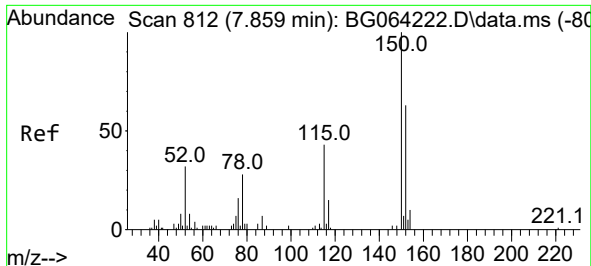
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
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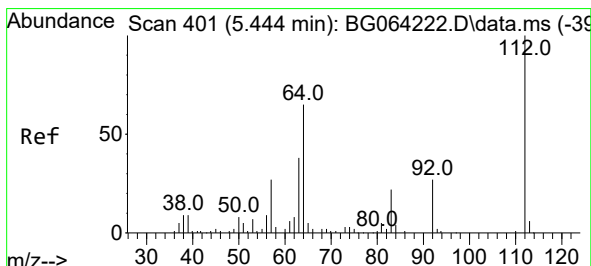
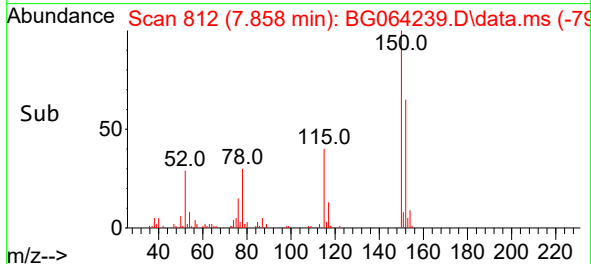
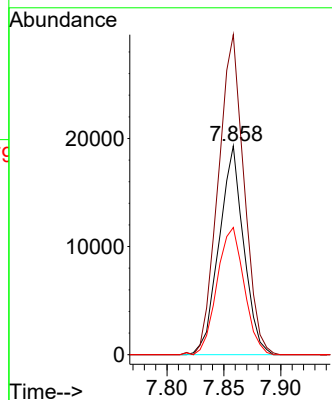
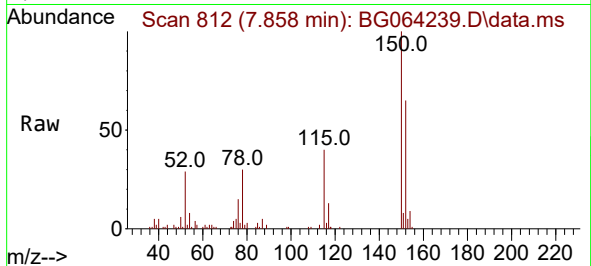




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 812
Delta R.T. -0.001 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

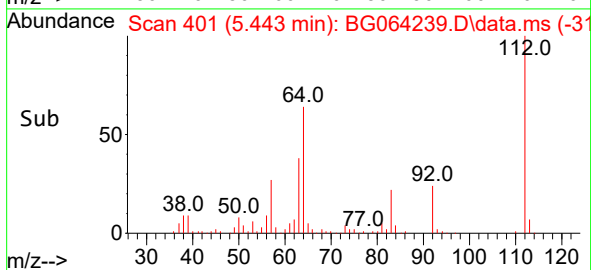
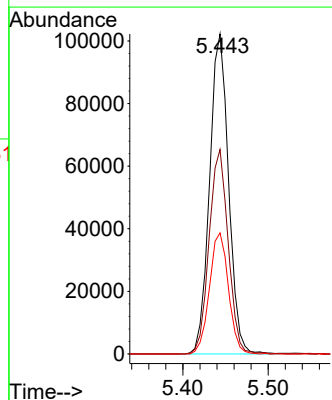
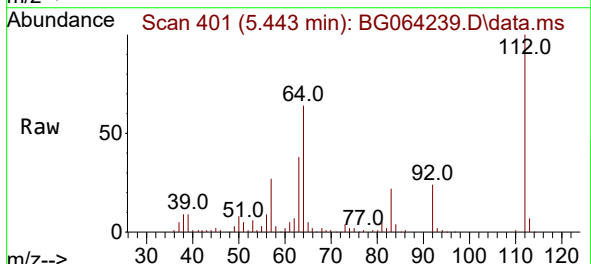
Instrument :
BNA_G
ClientSampleId :
DFTPP

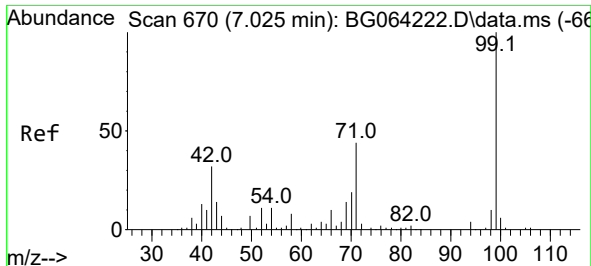
Tgt Ion:152 Resp: 29058
Ion Ratio Lower Upper
152 100
150 153.3 128.0 192.0
115 60.9 55.7 83.5



#5
2-Fluorophenol
Concen: 97.757 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.001 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

Tgt Ion:112 Resp: 158332
Ion Ratio Lower Upper
112 100
64 63.9 51.8 77.6
63 37.8 30.6 45.8

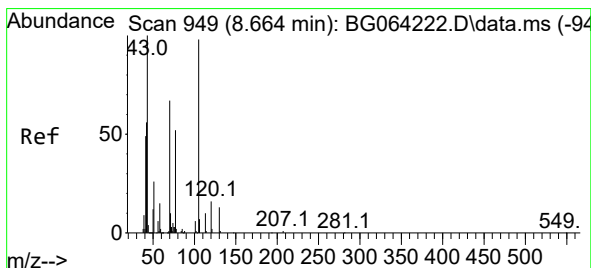
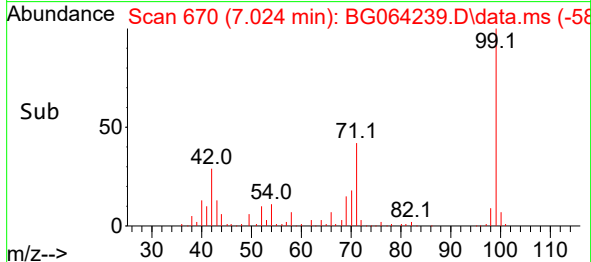
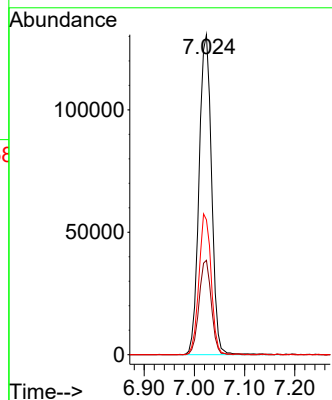
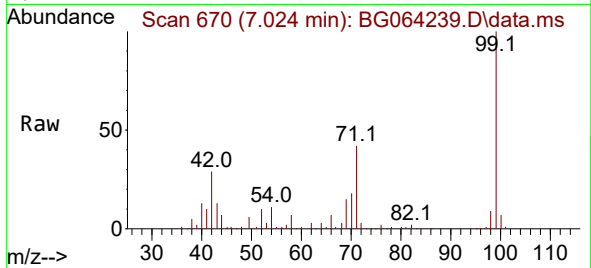




#7
Phenol-d6
Concen: 101.391 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

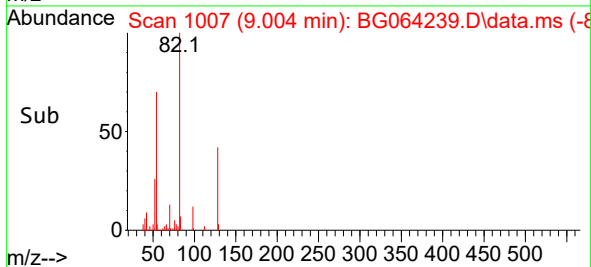
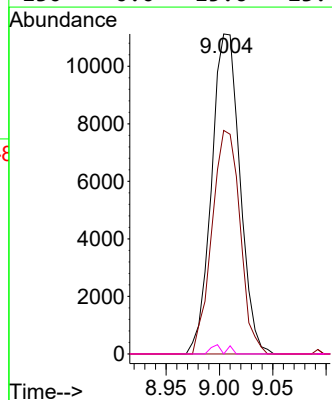
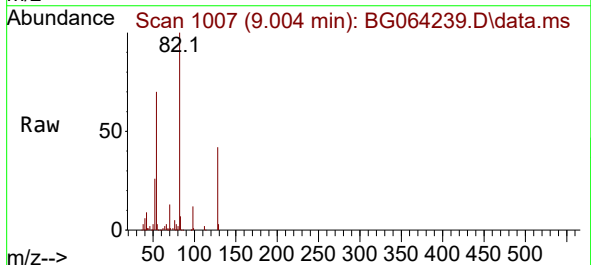
Instrument :
BNA_G
ClientSampleId :
DFTPP

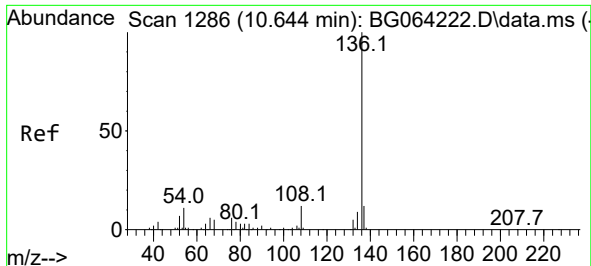
Tgt Ion: 99 Resp: 225606
Ion Ratio Lower Upper
99 100
42 29.5 25.8 38.8
71 42.1 35.2 52.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.065 ng
RT: 9.004 min Scan# 1007
Delta R.T. 0.340 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

Tgt Ion: 70 Resp: 20547
Ion Ratio Lower Upper
70 100
42 69.8 67.9 101.9
101 0.0 7.3 10.9#
130 0.0 15.6 23.4#

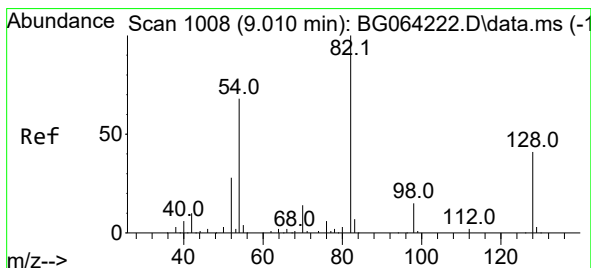
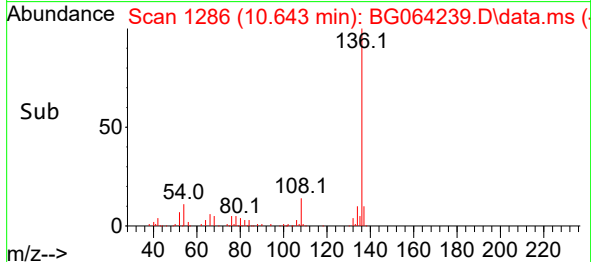
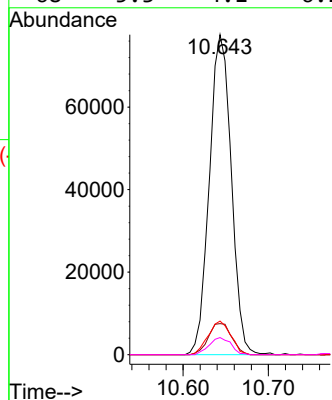
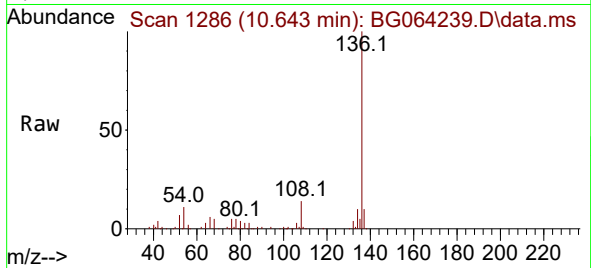




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

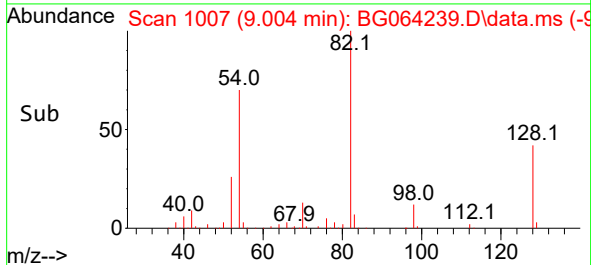
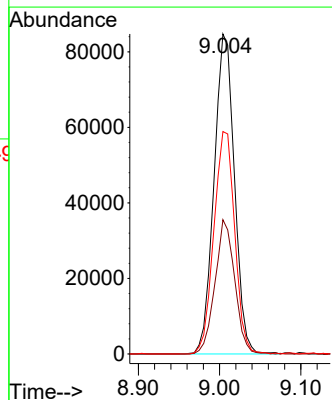
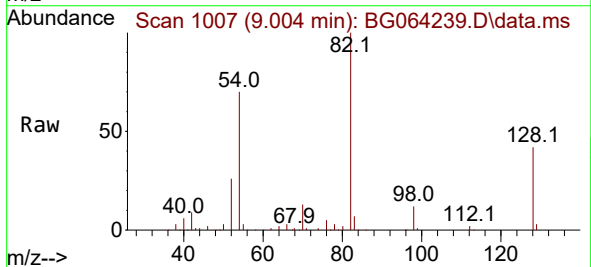
Instrument :
BNA_G
ClientSampleId :
DFTPP

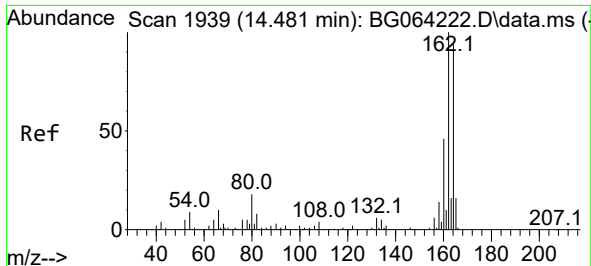
Tgt Ion:	136	Resp:	138862
Ion Ratio	Lower	Upper	
136	100		
137	9.7	9.6	14.4
54	10.5	8.8	13.2
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 59.420 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.013 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

Tgt Ion:	82	Resp:	147948
Ion Ratio	Lower	Upper	
82	100		
128	41.9	32.6	48.8
54	69.5	54.7	82.1

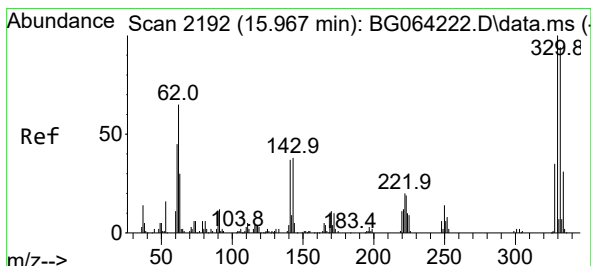
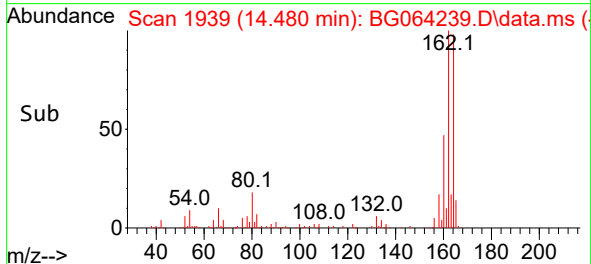
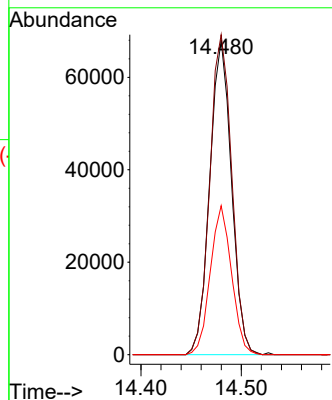
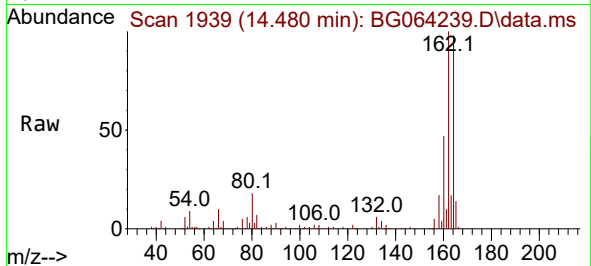




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

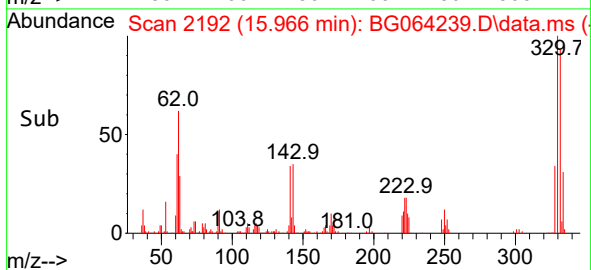
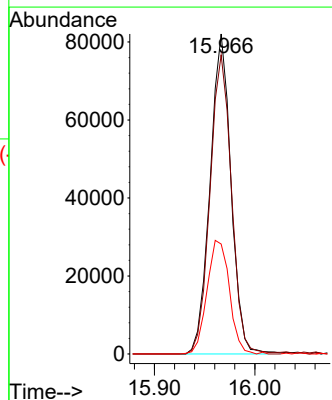
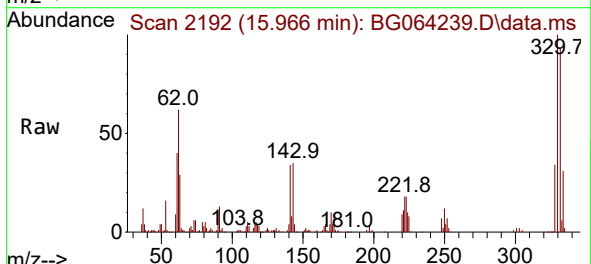
Instrument :
BNA_G
ClientSampleId :
DFTPP

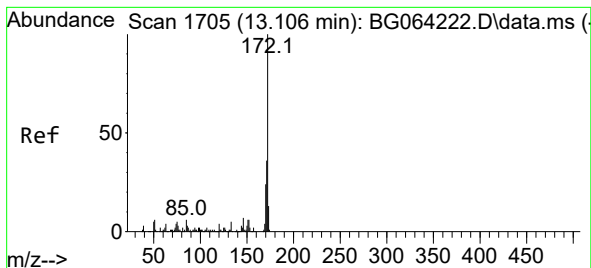
Tgt Ion:164 Resp: 102253
Ion Ratio Lower Upper
164 100
162 101.7 85.4 128.0
160 47.3 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 87.836 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

Tgt Ion:330 Resp: 118964
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 38.1 29.8 44.6





#45

2-Fluorobiphenyl

Concen: 57.649 ng

RT: 13.105 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG064239.D

Acq: 29 Aug 2025 22:44

Instrument :

BNA_G

ClientSampleId :

DFTPP

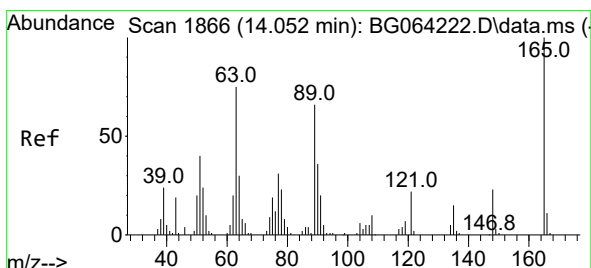
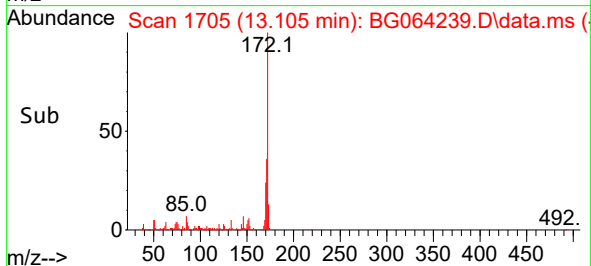
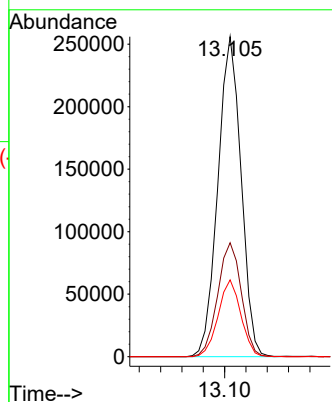
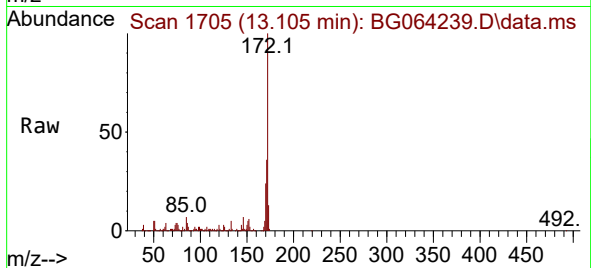
Tgt Ion:172 Resp: 386198

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.628 ng

RT: 14.480 min Scan# 1939

Delta R.T. 0.422 min

Lab File: BG064239.D

Acq: 29 Aug 2025 22:44

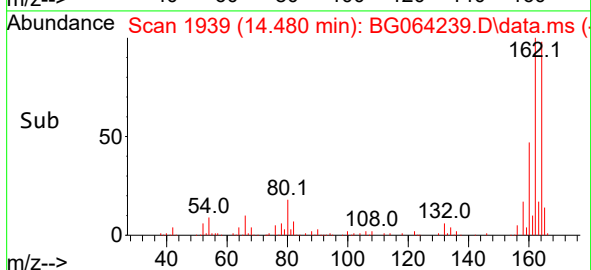
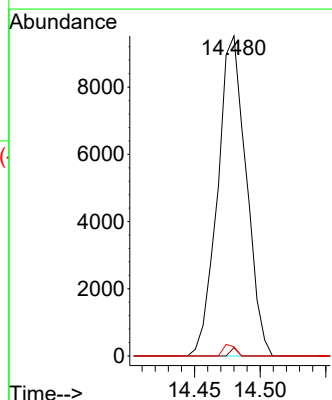
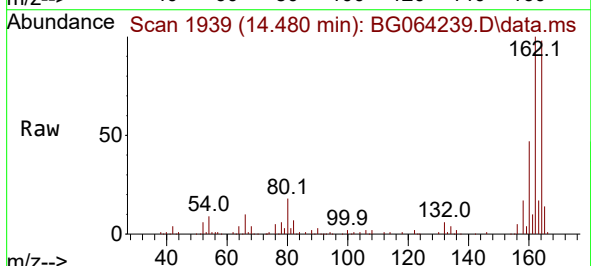
Tgt Ion:165 Resp: 14426

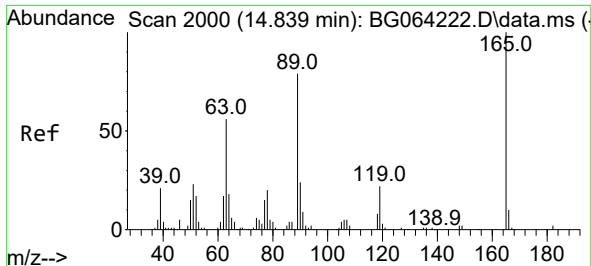
Ion Ratio Lower Upper

165 100

63 2.6 60.3 90.5#

89 2.9 52.9 79.3#





#57

2,4-Dinitrotoluene

Concen: 6.368 ng

RT: 14.480 min Scan# 1939

Delta R.T. -0.365 min

Lab File: BG064239.D

Acq: 29 Aug 2025 22:44

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion:165 Resp: 14426

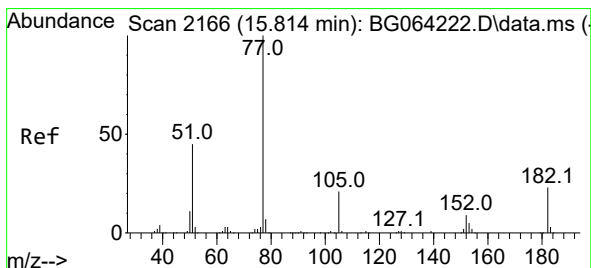
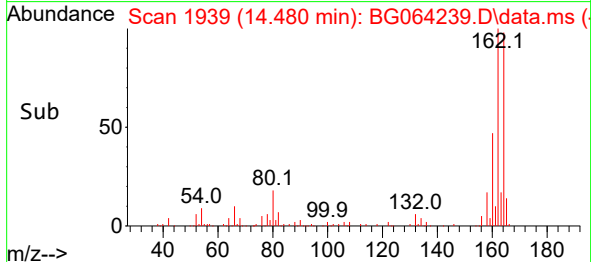
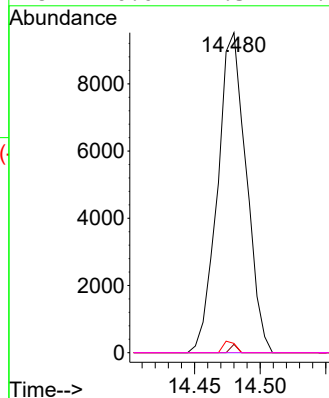
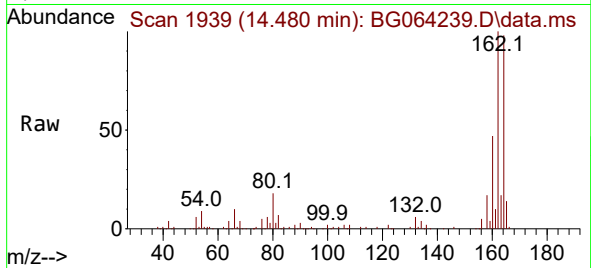
Ion Ratio Lower Upper

165 100

63 2.6 44.6 67.0#

89 2.9 63.0 94.4#

182 0.0 1.5 2.3#



#63

Azobenzene

Concen: 5.789 ng

RT: 15.837 min Scan# 2170

Delta R.T. 0.017 min

Lab File: BG064239.D

Acq: 29 Aug 2025 22:44

Tgt Ion: 77 Resp: 42741

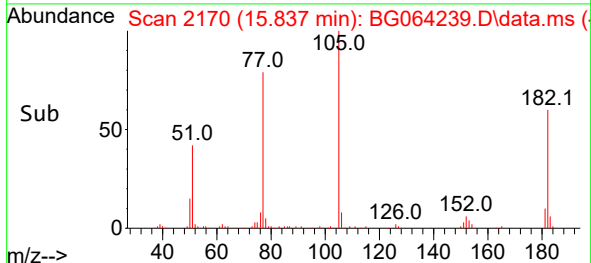
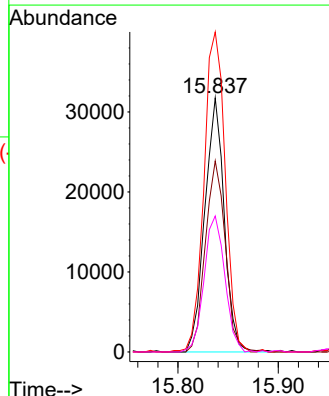
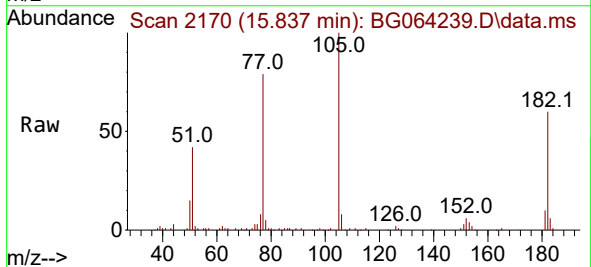
Ion Ratio Lower Upper

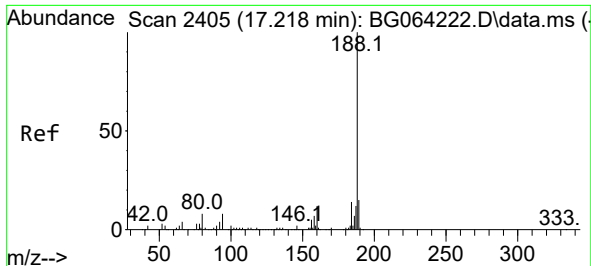
77 100

182 75.2 3.3 43.3#

105 125.9 0.6 40.6#

51 53.5 25.3 65.3

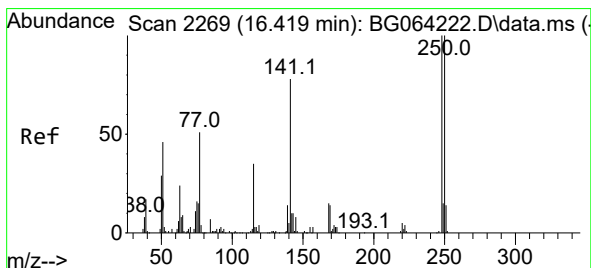
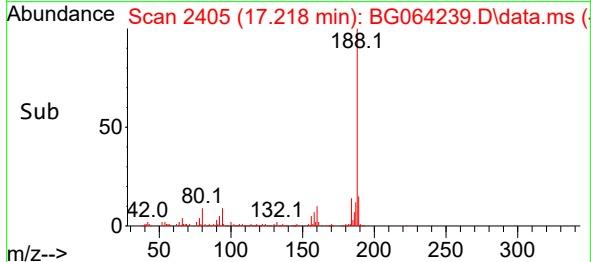
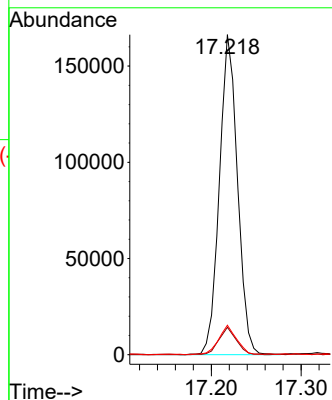
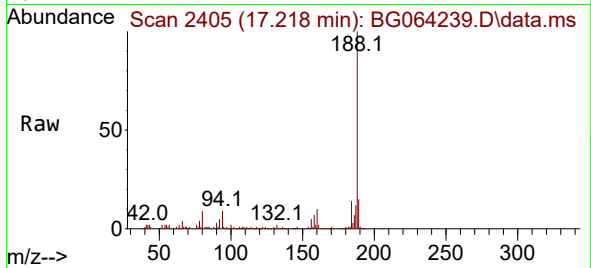




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

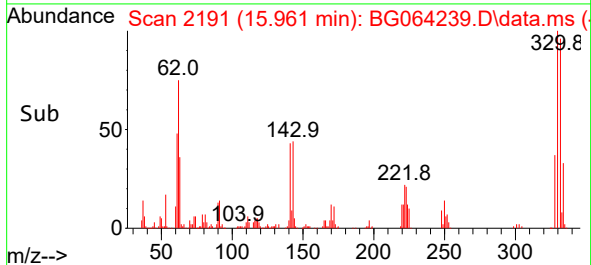
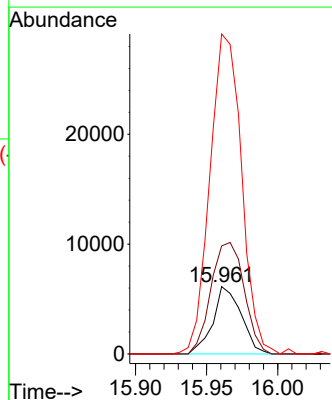
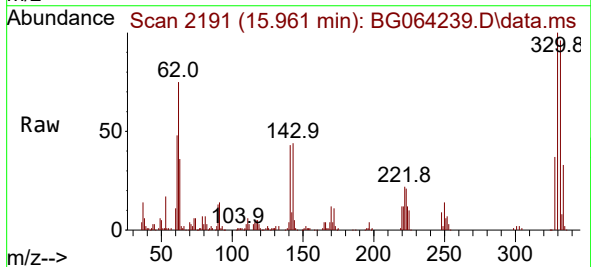
Instrument :
BNA_G
ClientSampleId :
DFTPP

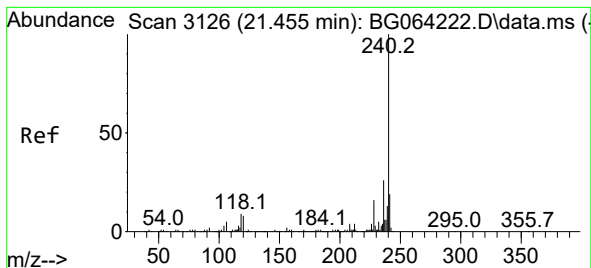
Tgt Ion:188 Resp: 232742
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.4
80 9.2 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.441 ng
RT: 15.961 min Scan# 2191
Delta R.T. -0.459 min
Lab File: BG064239.D
Acq: 29 Aug 2025 22:44

Tgt Ion:248 Resp: 8505
Ion Ratio Lower Upper
248 100
250 160.3 80.2 120.4#
141 474.8 62.4 93.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.448 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG064239.D

Acq: 29 Aug 2025 22:44

Instrument :

BNA_G

ClientSampleId :

DFTPP

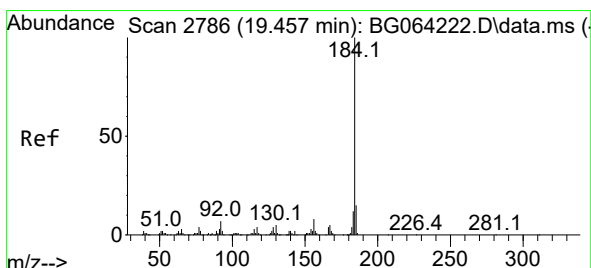
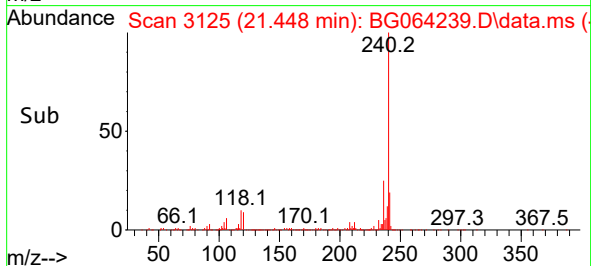
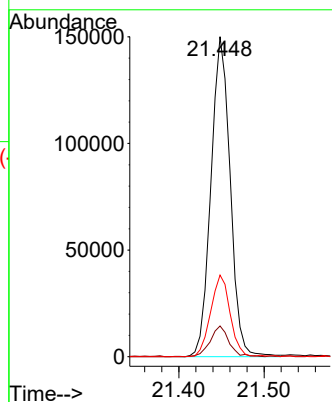
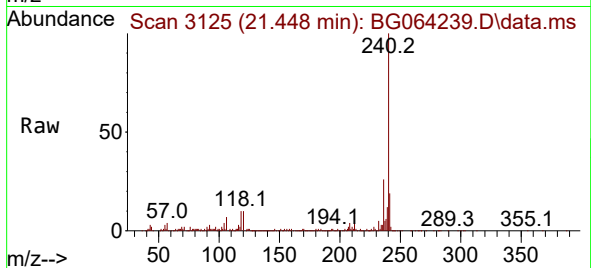
Tgt Ion:240 Resp: 235906

Ion Ratio Lower Upper

240 100

120 9.6 6.2 9.4#

236 25.5 20.5 30.7



#77

Benzidine

Concen: 2.626 ng

RT: 19.838 min Scan# 2851

Delta R.T. 0.381 min

Lab File: BG064239.D

Acq: 29 Aug 2025 22:44

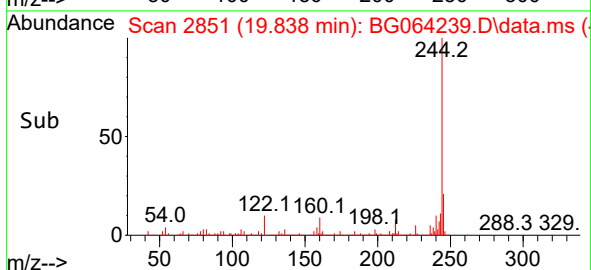
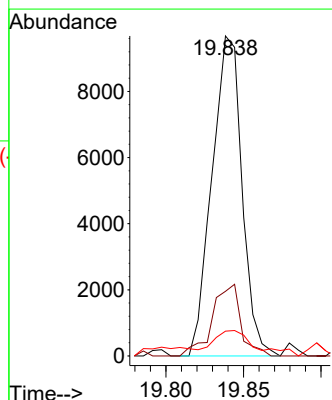
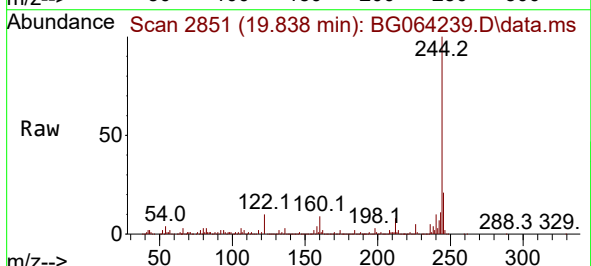
Tgt Ion:184 Resp: 13032

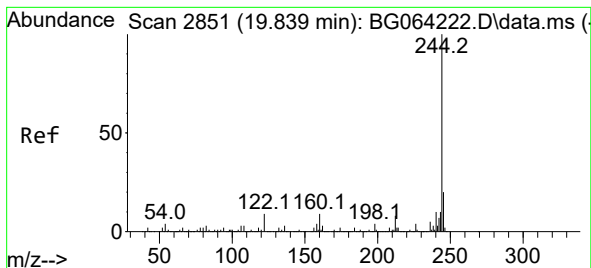
Ion Ratio Lower Upper

184 100

185 20.2 11.7 17.5#

183 7.7 9.7 14.5#





#79

Terphenyl-d14

Concen: 60.049 ng

RT: 19.838 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG064239.D

Acq: 29 Aug 2025 22:44

Instrument :

BNA_G

ClientSampleId :

DFTPP

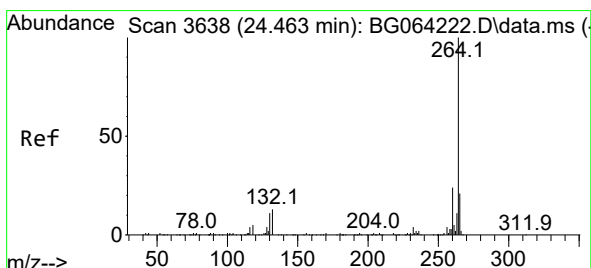
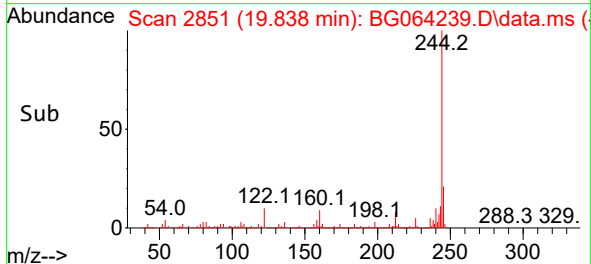
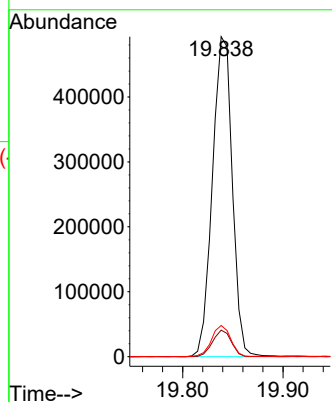
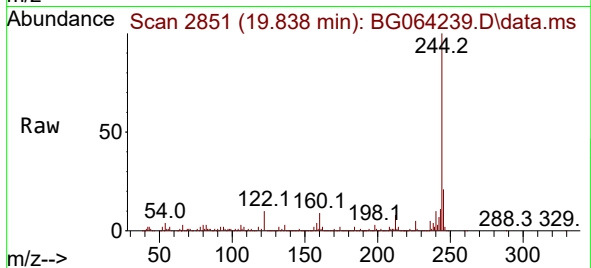
Tgt Ion:244 Resp: 678984

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

122 9.7 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3637

Delta R.T. -0.007 min

Lab File: BG064239.D

Acq: 29 Aug 2025 22:44

Tgt Ion:264 Resp: 256625

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 18.1 16.7 25.1

