

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064426.D
 Acq On : 22 Sep 2025 22:24
 Operator : RC/JU
 Sample : Q3133-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 23 01:54:32 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)

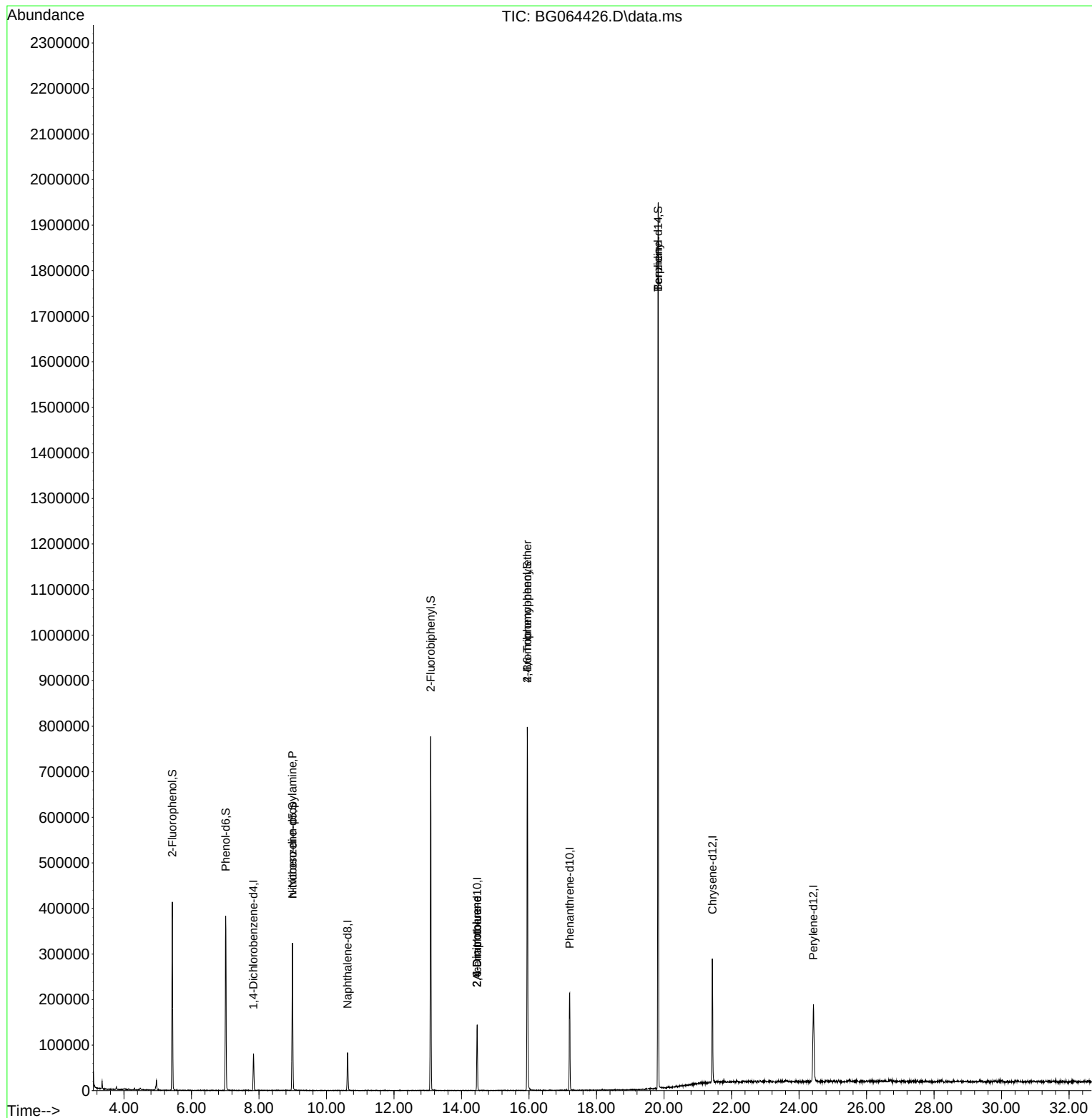
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	19413	20.000	ng	-0.02
21) Naphthalene-d8	10.626	136	70387	20.000	ng	#-0.02
39) Acenaphthene-d10	14.463	164	51672	20.000	ng	-0.02
64) Phenanthrene-d10	17.207	188	131581	20.000	ng	#-0.02
76) Chrysene-d12	21.431	240	157394	20.000	ng	#-0.02
86) Perylene-d12	24.428	264	173037	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	145685	134.638	ng	-0.01
7) Phenol-d6	7.013	99	173387	116.637	ng	-0.02
23) Nitrobenzene-d5	8.993	82	162060	128.406	ng	-0.02
42) 2,4,6-Tribromophenol	15.950	330	152574	222.925	ng	-0.02
45) 2-Fluorobiphenyl	13.088	172	370692	109.500	ng	-0.02
79) Terphenyl-d14	19.827	244	893034	118.377	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.993	70	24977	21.954	ng	# 76
51) 2,6-Dinitrotoluene	14.457	165	7257	9.584	ng	# 14
57) 2,4-Dinitrotoluene	14.457	165	7257	6.339	ng	# 17
67) 4-Bromophenyl-phenylether	15.950	248	10358	7.412	ng	# 1
77) Benzidine	19.827	184	17384	5.250	ng	97

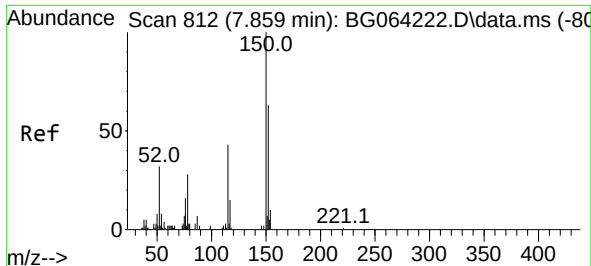
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064426.D
Acq On : 22 Sep 2025 22:24
Operator : RC/JU
Sample : Q3133-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

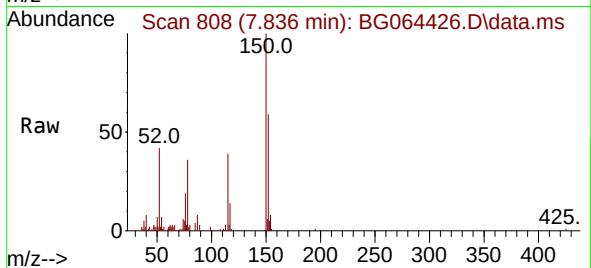
Quant Time: Sep 23 01:54:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



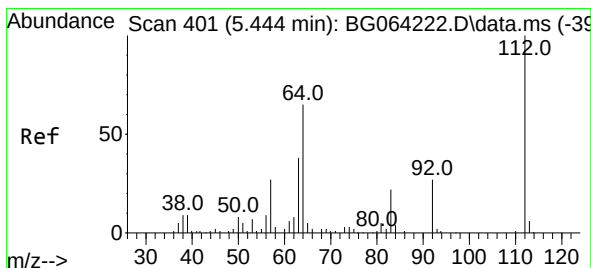
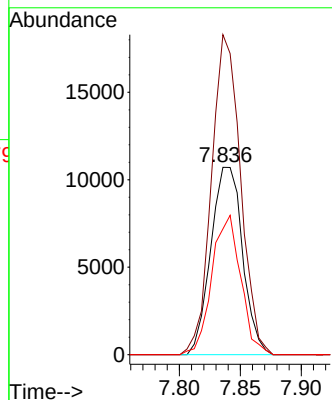
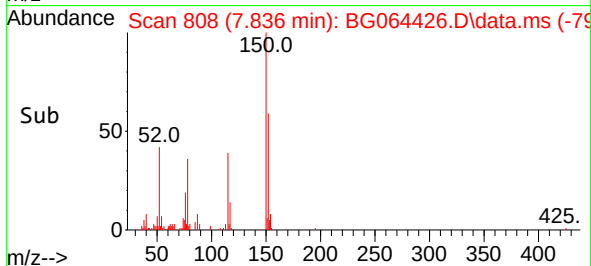


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.836 min Scan# 808
Delta R.T. -0.023 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Instrument :
BNA_G
ClientSampleId :

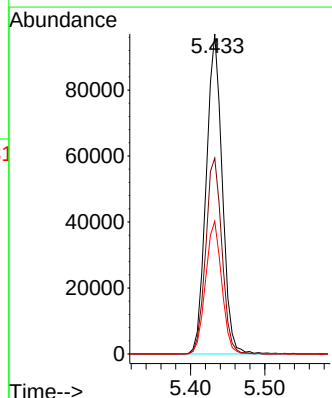
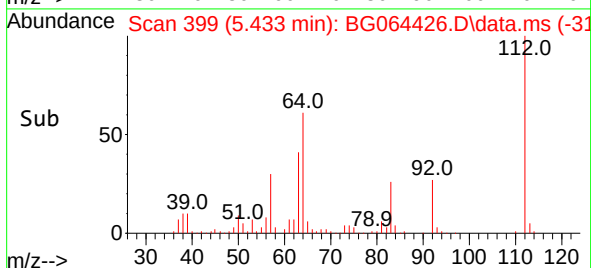
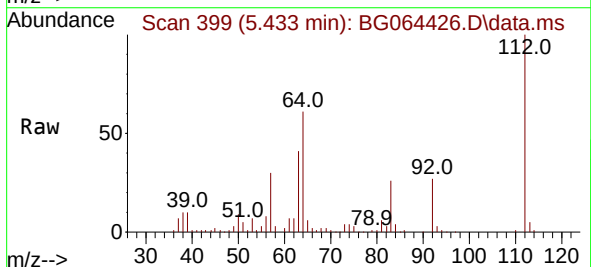


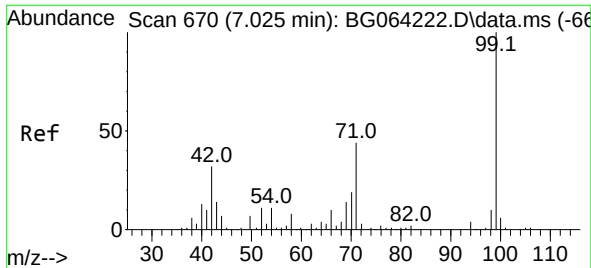
Tgt Ion:152 Resp: 19413
Ion Ratio Lower Upper
152 100
150 170.8 128.0 192.0
115 67.1 55.7 83.5



#5
2-Fluorophenol
Concen: 134.638 ng
RT: 5.433 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

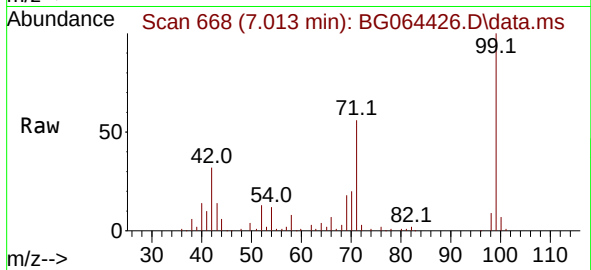
Tgt Ion:112 Resp: 145685
Ion Ratio Lower Upper
112 100
64 61.2 51.8 77.6
63 41.5 30.6 45.8



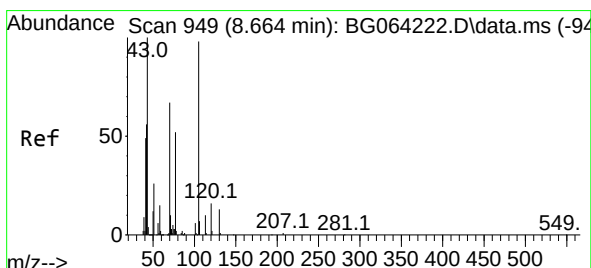
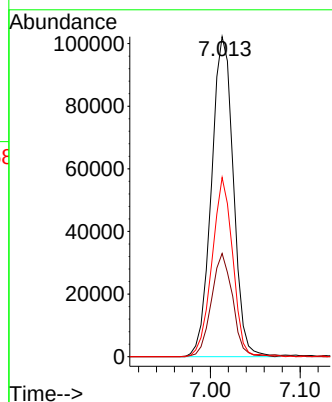
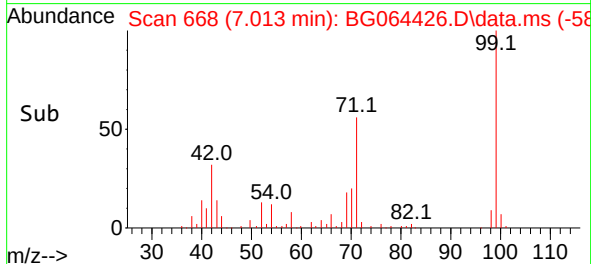


#7
Phenol-d6
Concen: 116.637 ng
RT: 7.013 min Scan# 60
Delta R.T. -0.018 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

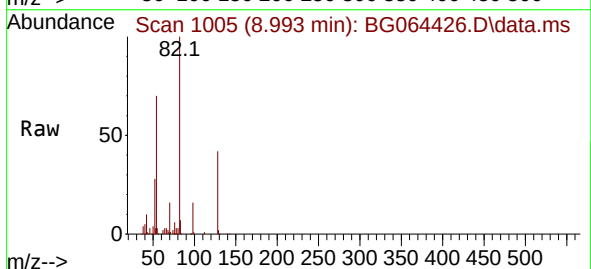
Instrument :
BNA_G
ClientSampleId :



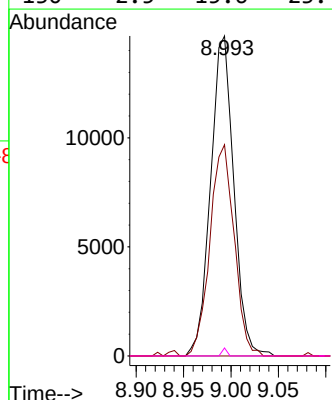
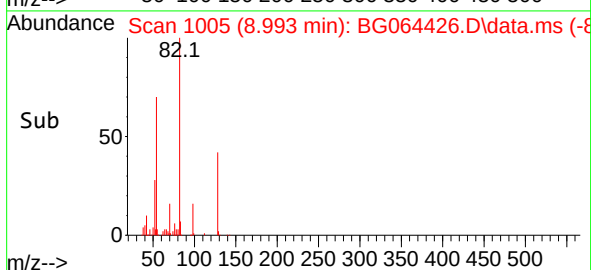
Tgt Ion: 99 Resp: 173387
Ion Ratio Lower Upper
99 100
42 32.3 25.8 38.8
71 56.0 35.2 52.8#

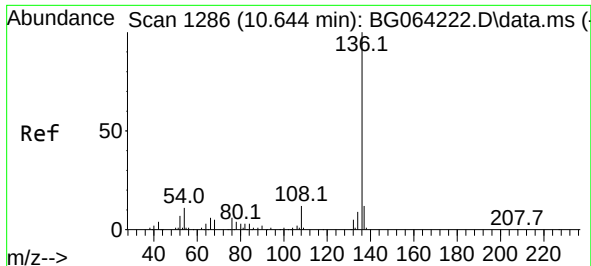


#19
n-Nitroso-di-n-propylamine
Concen: 21.954 ng
RT: 8.993 min Scan# 1005
Delta R.T. 0.329 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24



Tgt Ion: 70 Resp: 24977
Ion Ratio Lower Upper
70 100
42 66.0 67.9 101.9#
101 0.0 7.3 10.9#
130 2.5 15.6 23.4#

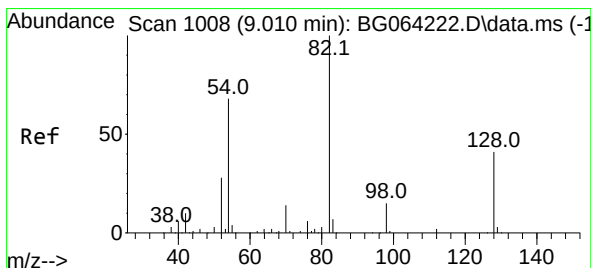
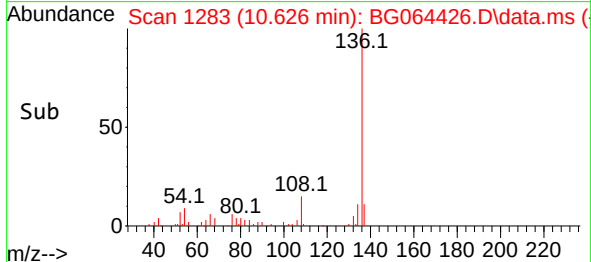
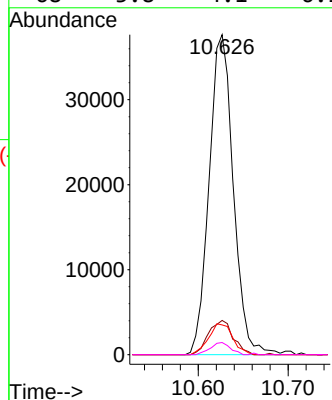
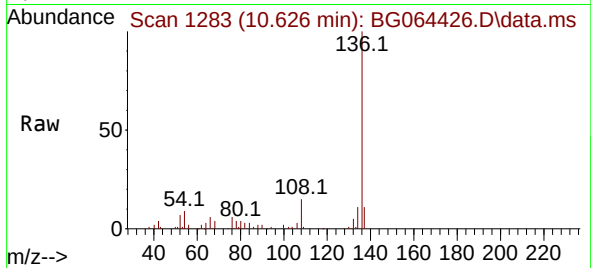




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

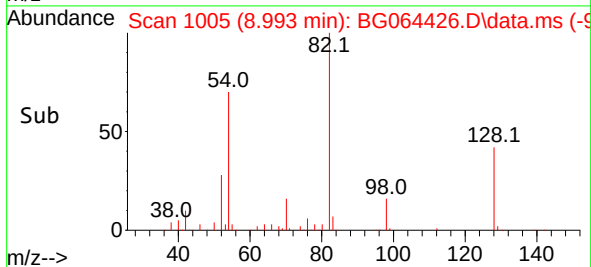
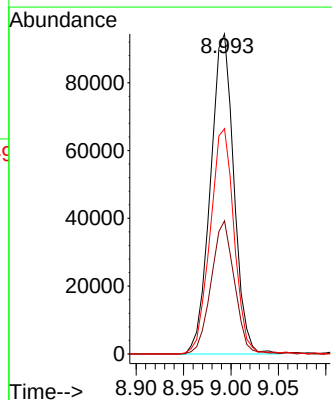
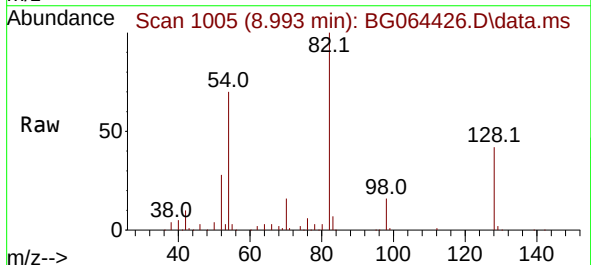
Instrument :
BNA_G
ClientSampleId :

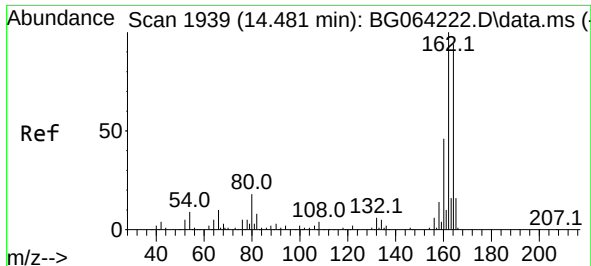
Tgt Ion:	136	Resp:	70387
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.3	8.8	13.2
68	3.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 128.406 ng
RT: 8.993 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

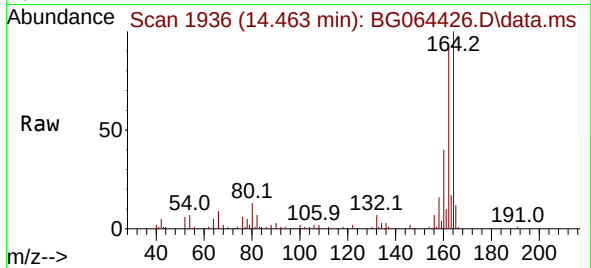
Tgt Ion:	82	Resp:	162060
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.6	48.8
54	70.4	54.7	82.1



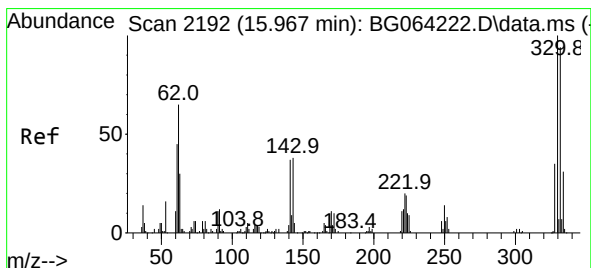
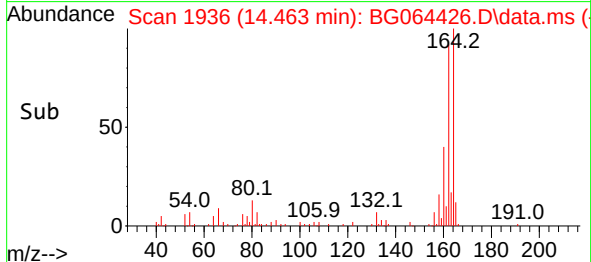
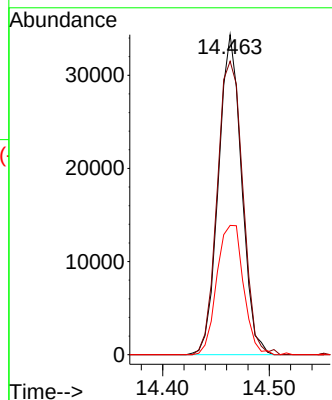


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Instrument :
BNA_G
ClientSampleId :

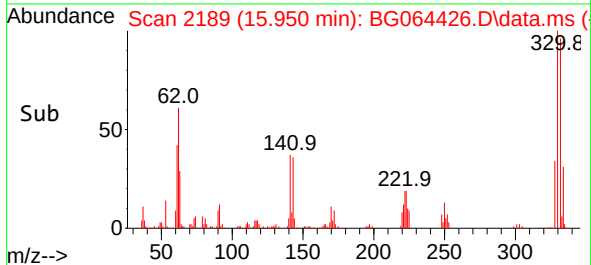
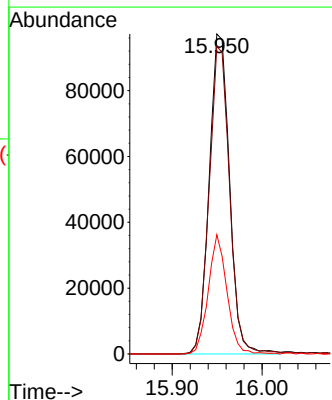
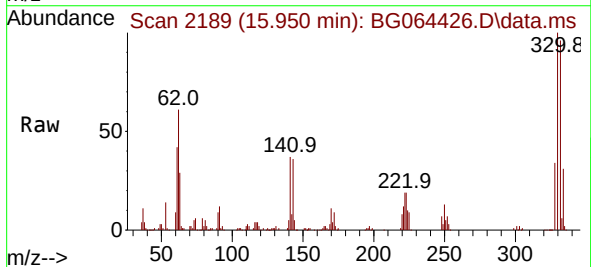


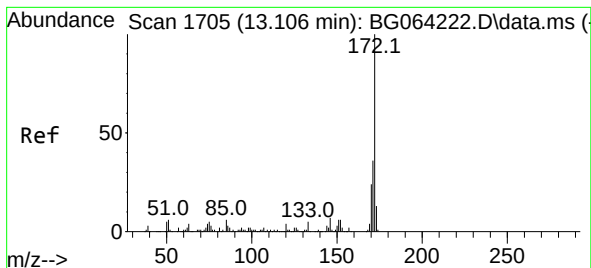
Tgt Ion:164 Resp: 51672
Ion Ratio Lower Upper
164 100
162 91.7 85.4 128.0
160 40.4 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 222.925 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.023 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Tgt Ion:330 Resp: 152574
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 34.3 29.8 44.6





#45

2-Fluorobiphenyl

Concen: 109.500 ng

RT: 13.088 min Scan# 11

Delta R.T. -0.024 min

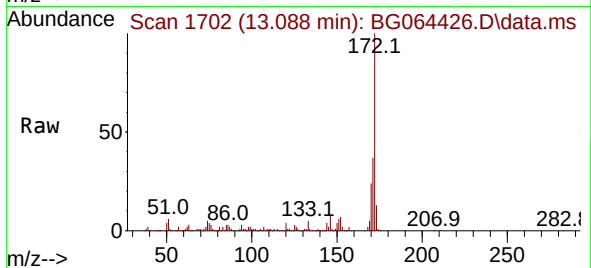
Lab File: BG064426.D

Acq: 22 Sep 2025 22:24

Instrument :

BNA_G

ClientSampleId :



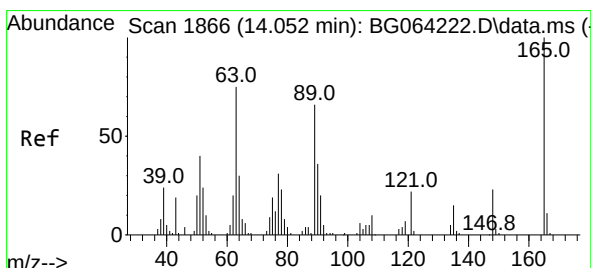
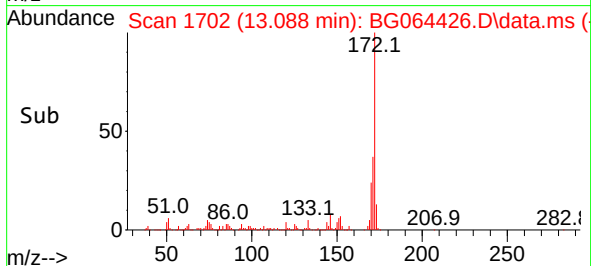
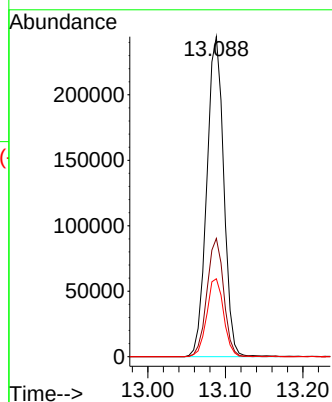
Tgt Ion:172 Resp: 370692

Ion Ratio Lower Upper

172 100

171 36.9 28.7 43.1

170 24.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.584 ng

RT: 14.457 min Scan# 1935

Delta R.T. 0.400 min

Lab File: BG064426.D

Acq: 22 Sep 2025 22:24

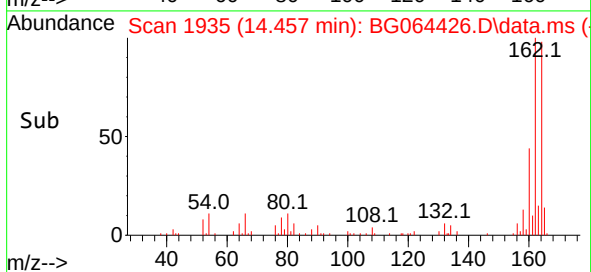
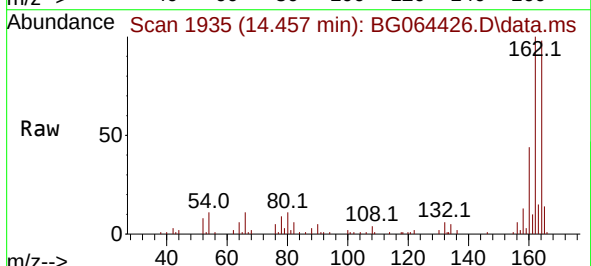
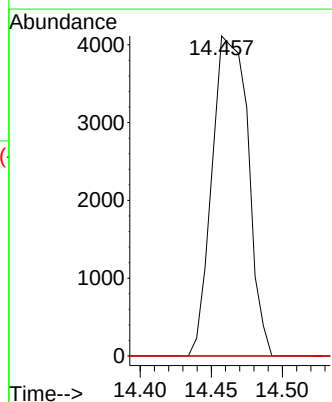
Tgt Ion:165 Resp: 7257

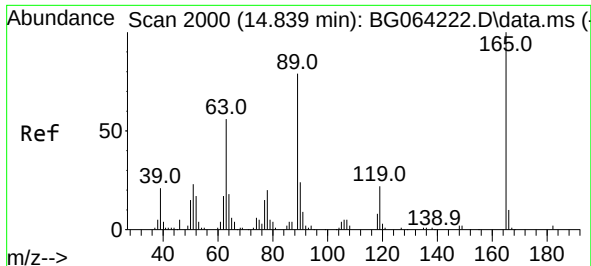
Ion Ratio Lower Upper

165 100

63 0.0 60.3 90.5#

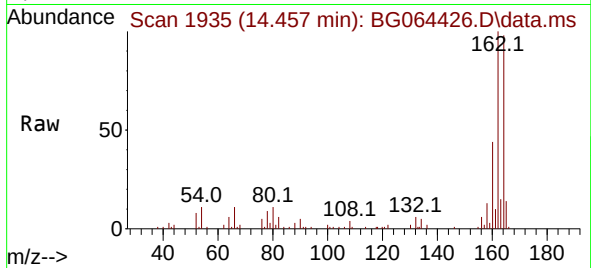
89 0.0 52.9 79.3#



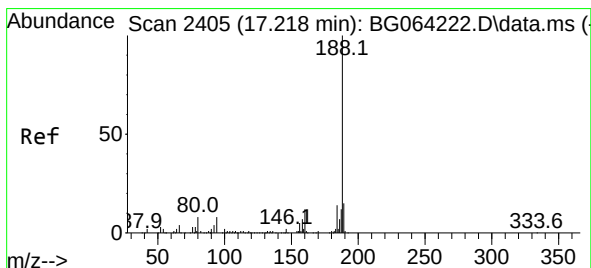
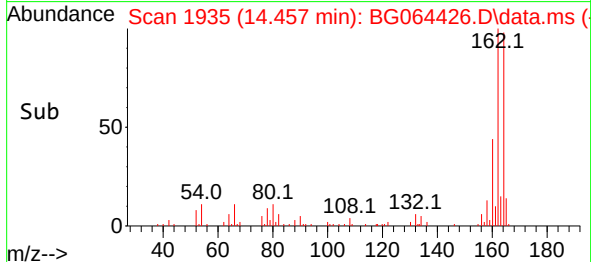
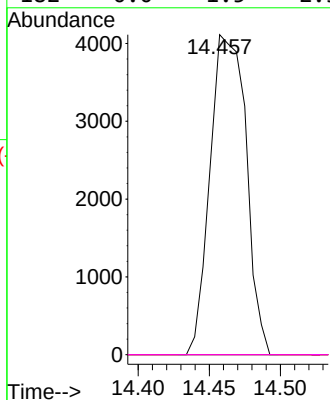


#57
2,4-Dinitrotoluene
Concen: 6.339 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.388 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Instrument :
BNA_G
ClientSampleId :

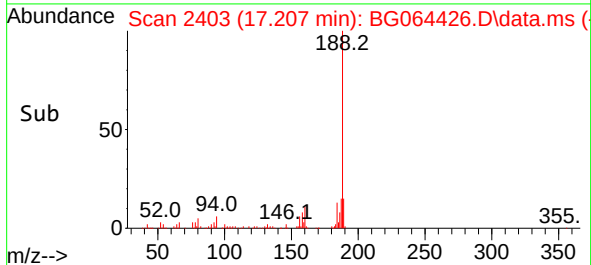
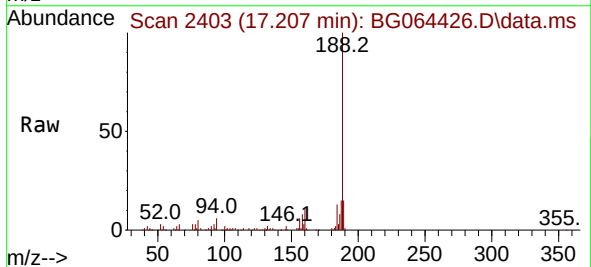
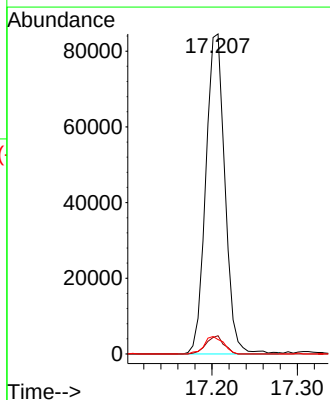


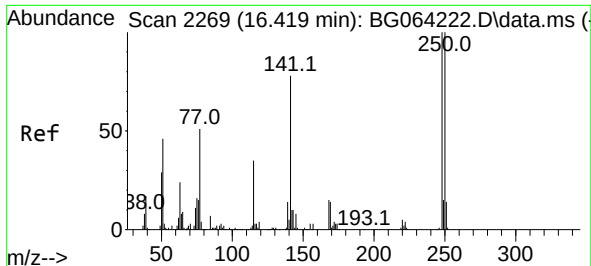
Tgt Ion:	165	Resp:	7257
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	0.0	63.0	94.4#
182	0.0	1.5	2.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

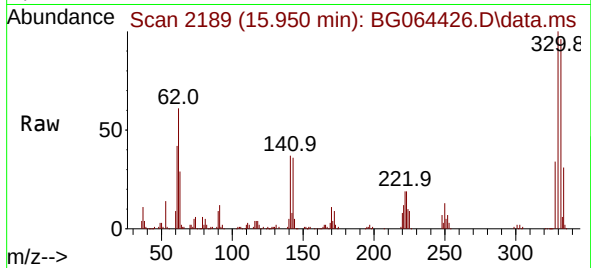
Tgt Ion:	188	Resp:	131581
Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.2	9.4#
80	4.5	6.8	10.2#



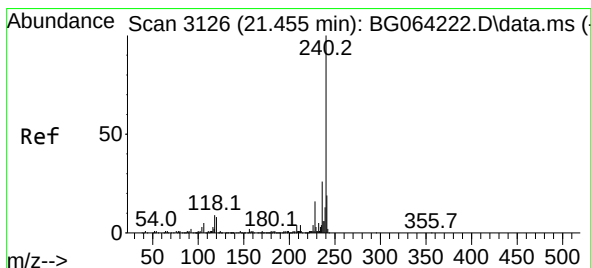
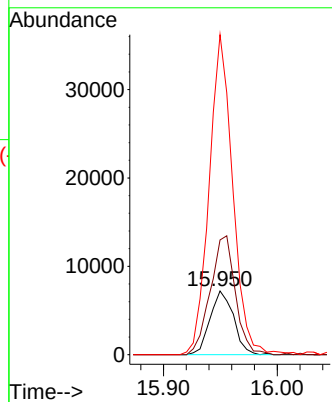
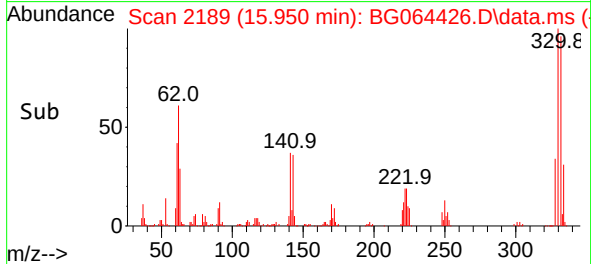


#67
4-Bromophenyl-phenylether
Concen: 7.412 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.470 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Instrument :
BNA_G
ClientSampleId :

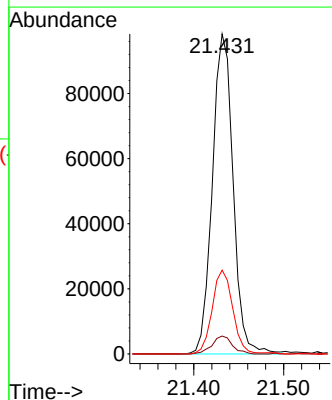
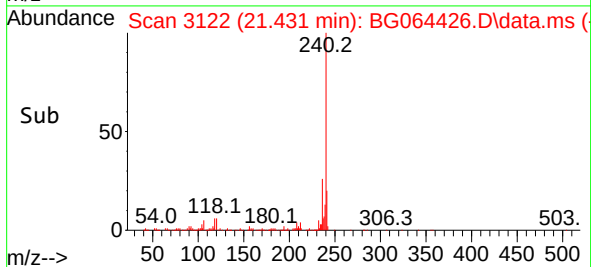
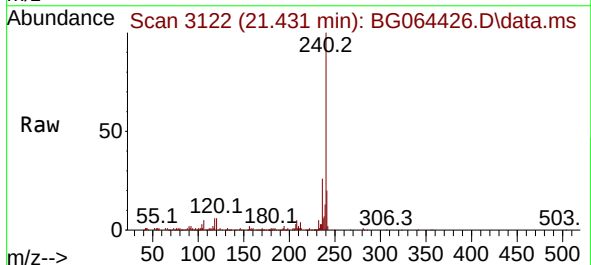


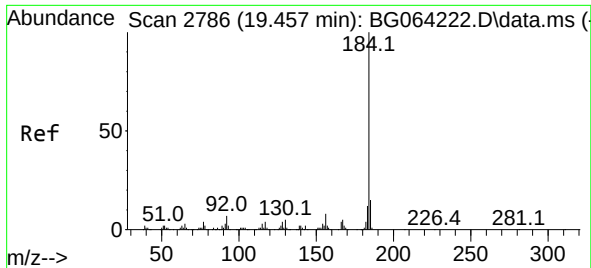
Tgt Ion:248 Resp: 10358
Ion Ratio Lower Upper
248 100
250 180.3 80.2 120.4#
141 502.6 62.4 93.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

Tgt Ion:240 Resp: 157394
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 26.2 20.5 30.7

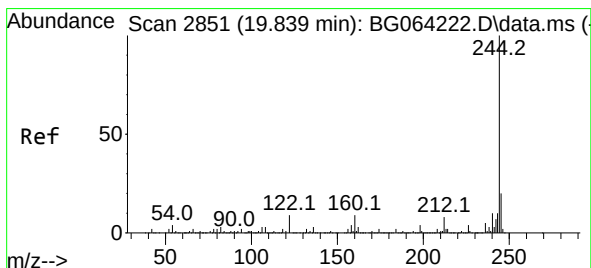
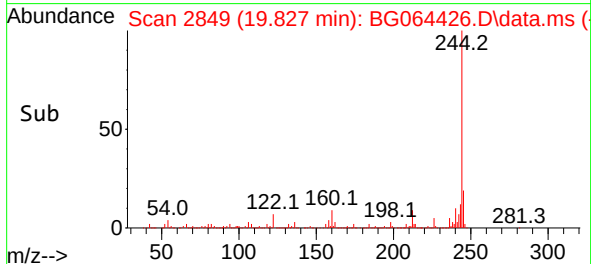
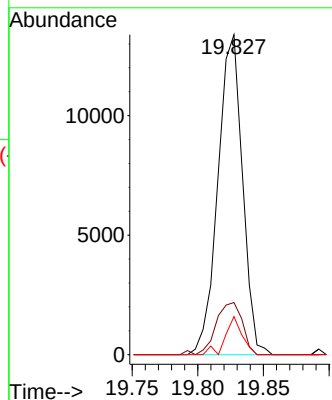
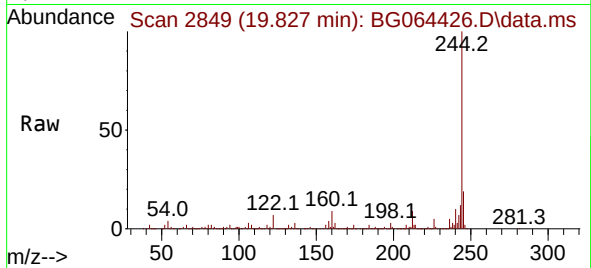




#77
Benzidine
Concen: 5.250 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.370 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

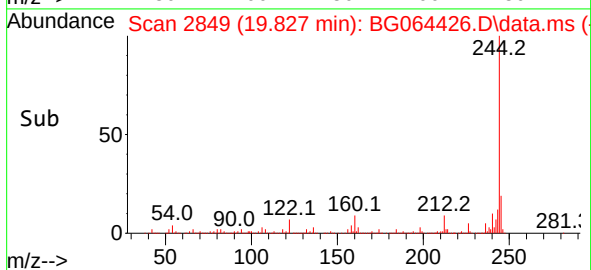
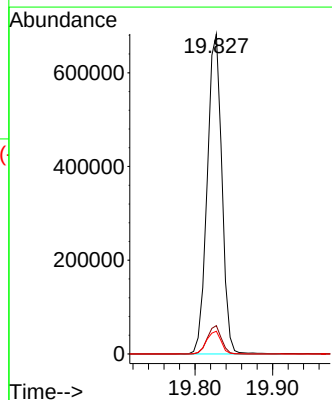
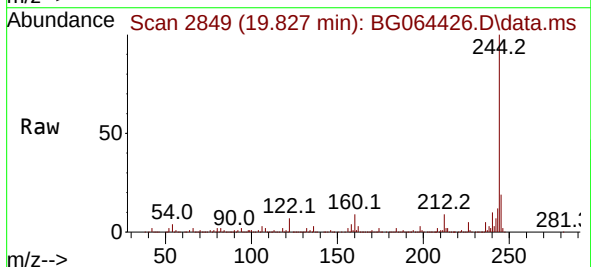
Instrument :
BNA_G
ClientSampleId :

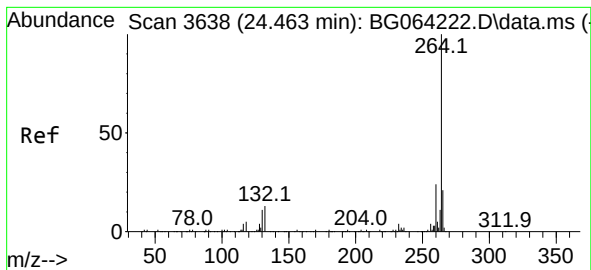
Tgt Ion:184 Resp: 17384
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 11.9 9.7 14.5



#79
Terphenyl-d14
Concen: 118.377 ng
RT: 19.827 min Scan# 2849
Delta R.T. -0.018 min
Lab File: BG064426.D
Acq: 22 Sep 2025 22:24

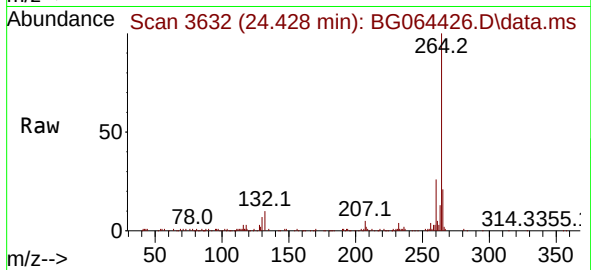
Tgt Ion:244 Resp: 893034
Ion Ratio Lower Upper
244 100
212 8.8 6.6 10.0
122 7.1 7.0 10.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.428 min Scan# 30
 Delta R.T. -0.035 min
 Lab File: BG064426.D
 Acq: 22 Sep 2025 22:24

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 173037
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.9 28.3
 265 20.5 16.7 25.1

