

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064427.D
 Acq On : 22 Sep 2025 23:05
 Operator : RC/JU
 Sample : Q3133-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 23 01:54:51 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)

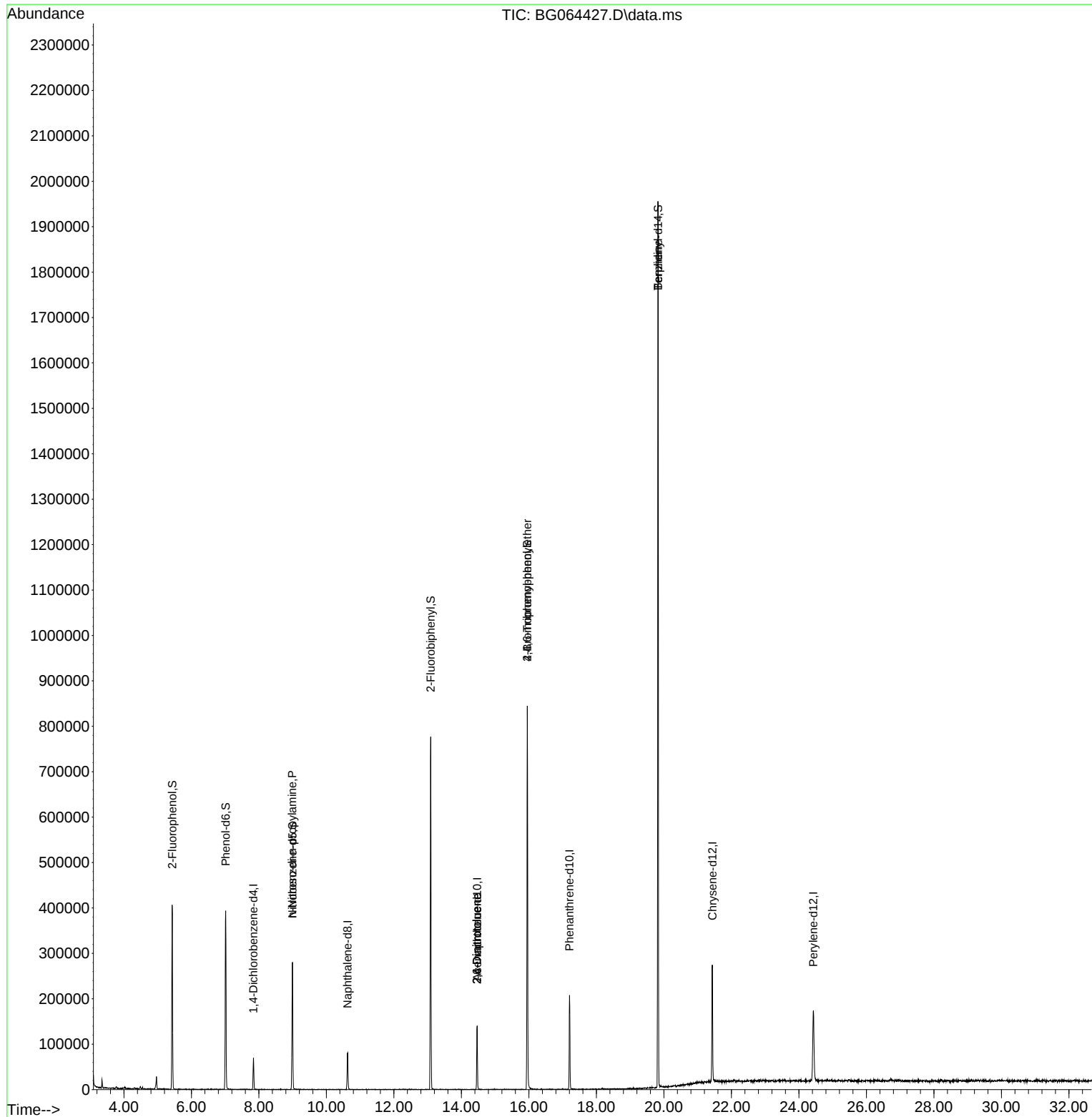
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	16762	20.000	ng	#-0.02
21) Naphthalene-d8	10.628	136	66197	20.000	ng	#-0.02
39) Acenaphthene-d10	14.465	164	48131	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	127652	20.000	ng	#-0.02
76) Chrysene-d12	21.433	240	152108	20.000	ng	#-0.02
86) Perylene-d12	24.423	264	165181	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	145074	155.278	ng	-0.01
7) Phenol-d6	7.014	99	177332	138.157	ng	-0.02
23) Nitrobenzene-d5	8.995	82	146282	123.241	ng	-0.02
42) 2,4,6-Tribromophenol	15.951	330	153914	241.427	ng	-0.02
45) 2-Fluorobiphenyl	13.090	172	372638	118.173	ng	-0.02
79) Terphenyl-d14	19.823	244	913011	125.231	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.989	70	21925	22.319	ng	# 70
51) 2,6-Dinitrotoluene	14.459	165	6490	9.202	ng	# 14
57) 2,4-Dinitrotoluene	14.459	165	6490	6.086	ng	# 17
67) 4-Bromophenyl-phenylether	15.951	248	11150	8.224	ng	# 1
77) Benzidine	19.823	184	18966	5.927	ng	98

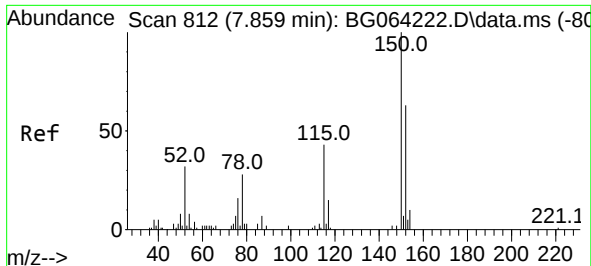
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064427.D
Acq On : 22 Sep 2025 23:05
Operator : RC/JU
Sample : Q3133-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

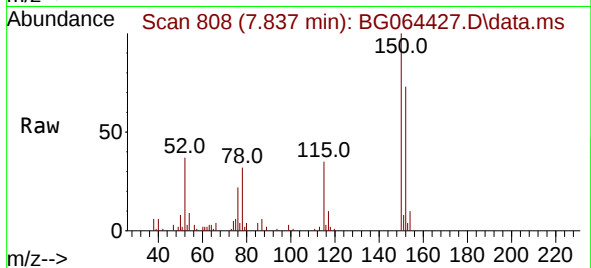
Quant Time: Sep 23 01:54:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



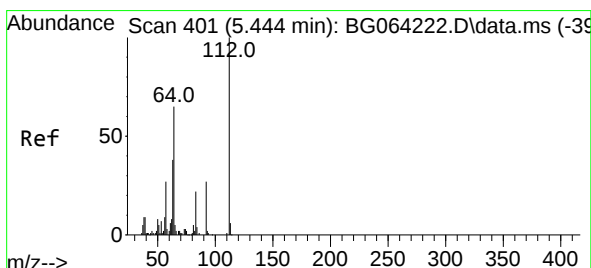
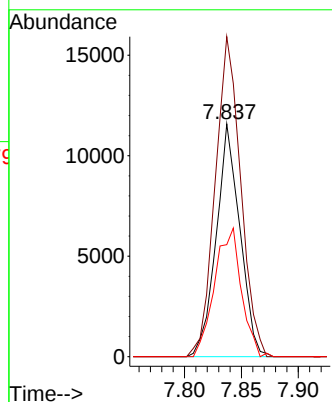
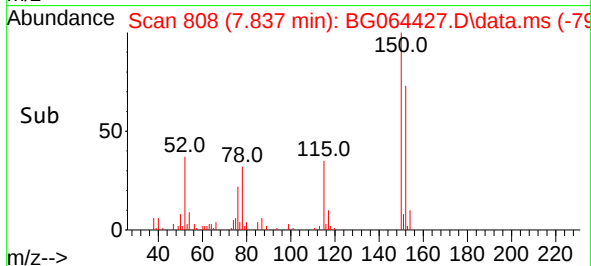


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.837 min Scan# 80
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

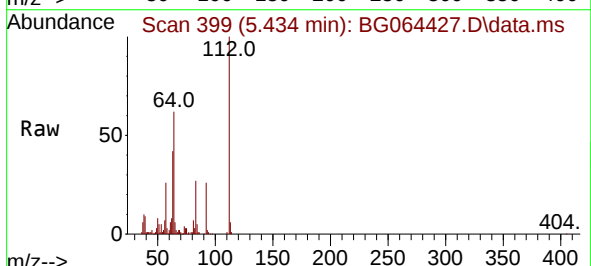
Instrument :
BNA_G
ClientSampleId :



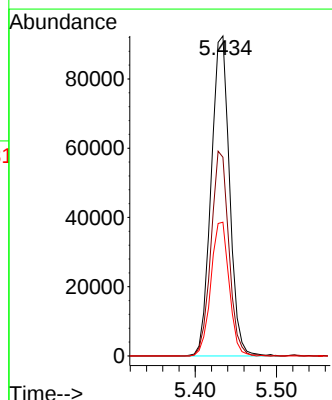
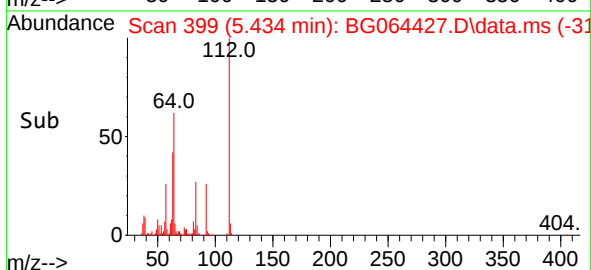
Tgt Ion:152 Resp: 16762
Ion Ratio Lower Upper
152 100
150 137.5 128.0 192.0
115 48.1 55.7 83.5#

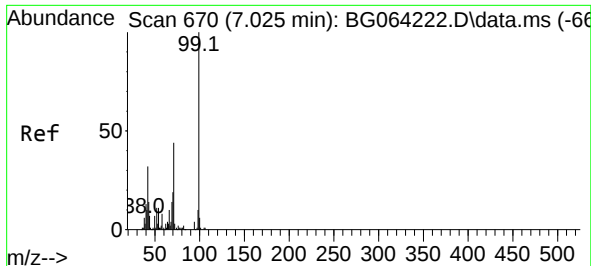


#5
2-Fluorophenol
Concen: 155.278 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.010 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05



Tgt Ion:112 Resp: 145074
Ion Ratio Lower Upper
112 100
64 62.1 51.8 77.6
63 41.8 30.6 45.8

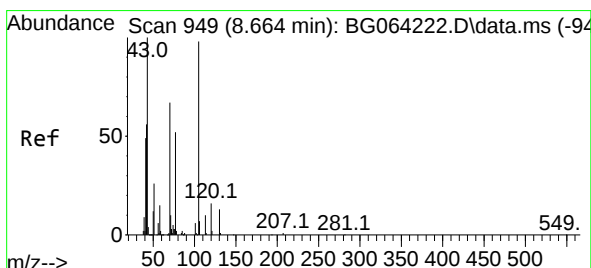
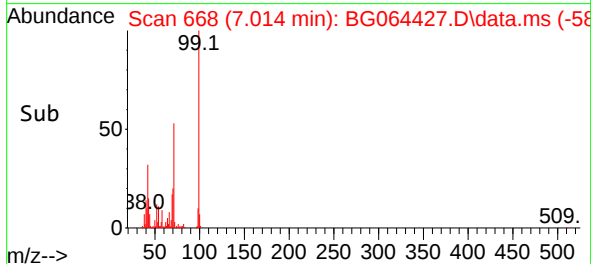
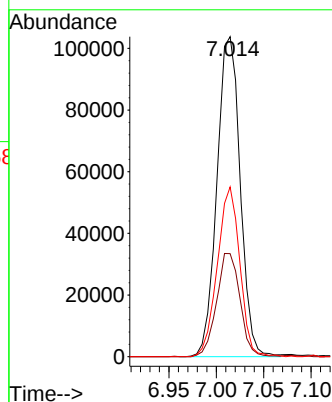
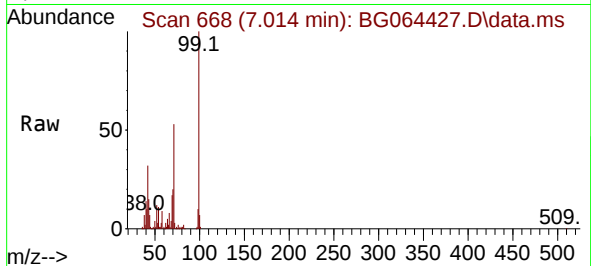




#7
Phenol-d6
Concen: 138.157 ng
RT: 7.014 min Scan# 60
Delta R.T. -0.016 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

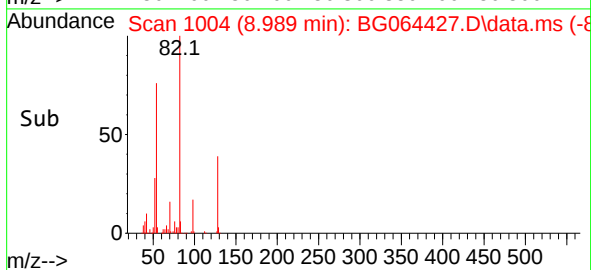
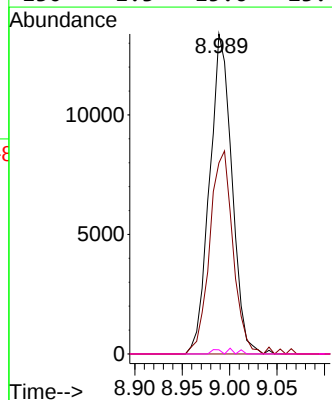
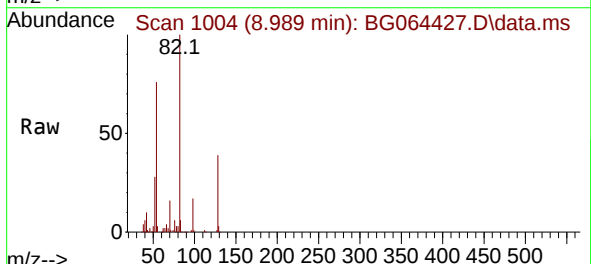
Instrument :
BNA_G
ClientSampleId :

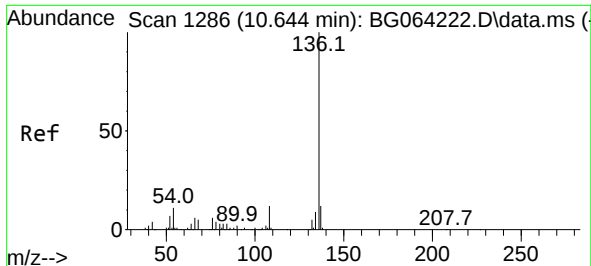
Tgt Ion: 99 Resp: 177332
Ion Ratio Lower Upper
99 100
42 32.2 25.8 38.8
71 53.1 35.2 52.8#



#19
n-Nitroso-di-n-propylamine
Concen: 22.319 ng
RT: 8.989 min Scan# 1004
Delta R.T. 0.325 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

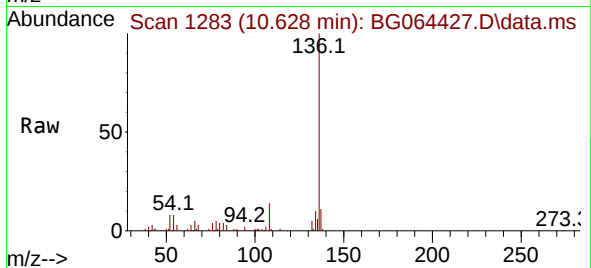
Tgt Ion: 70 Resp: 21925
Ion Ratio Lower Upper
70 100
42 59.7 67.9 101.9#
101 0.0 7.3 10.9#
130 1.3 15.6 23.4#



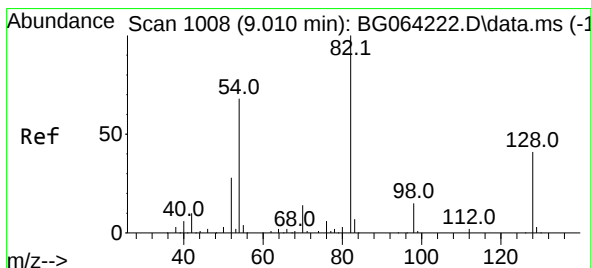
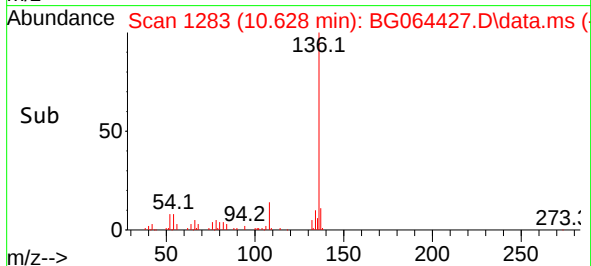
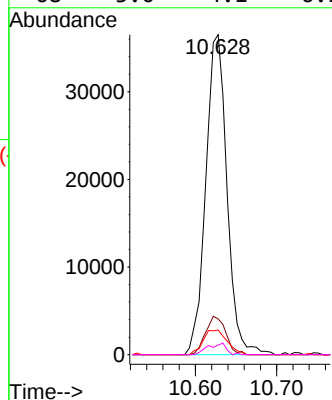


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :

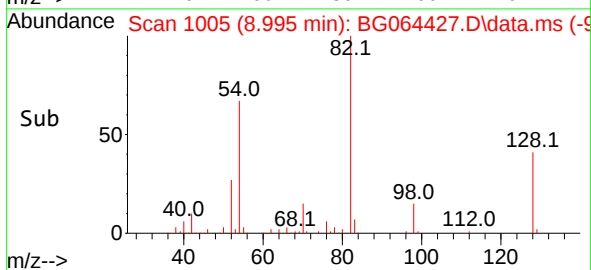
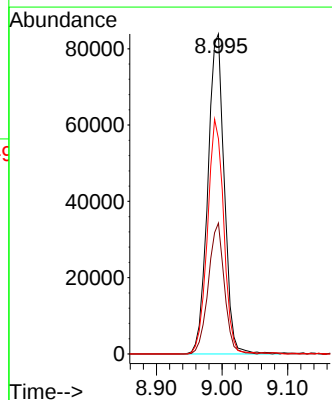
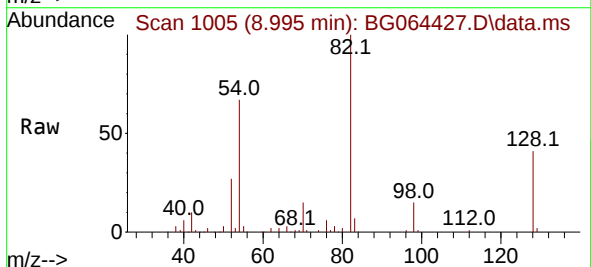


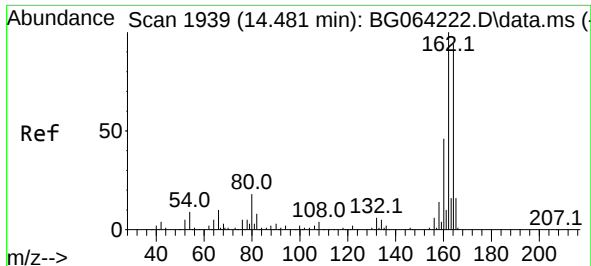
Tgt Ion:136 Resp: 66197
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 7.7 8.8 13.2#
68 3.0 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 123.241 ng
RT: 8.995 min Scan# 1005
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

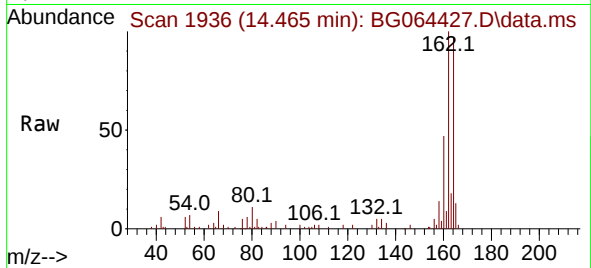
Tgt Ion: 82 Resp: 146282
Ion Ratio Lower Upper
82 100
128 40.9 32.6 48.8
54 67.2 54.7 82.1



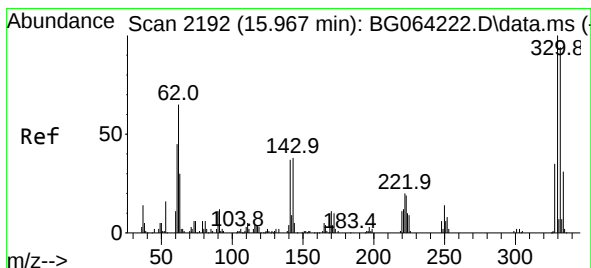
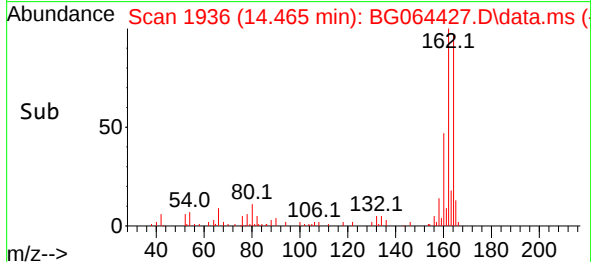
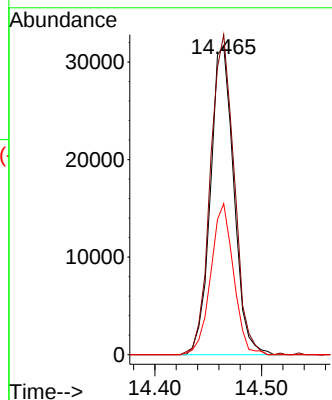


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. -0.016 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :

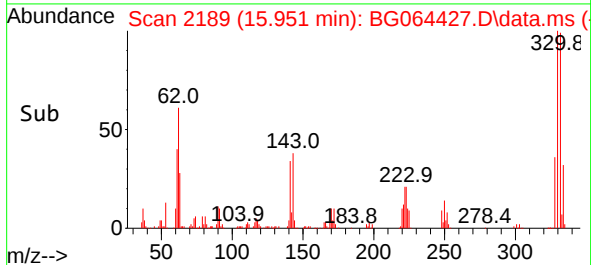
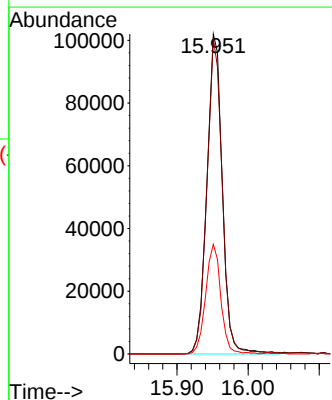
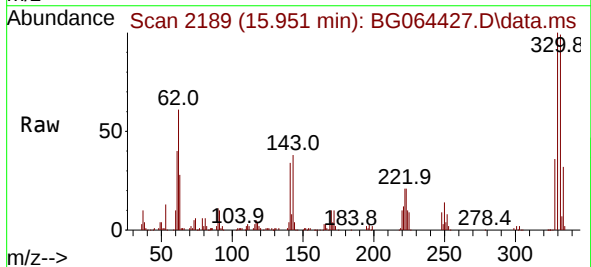


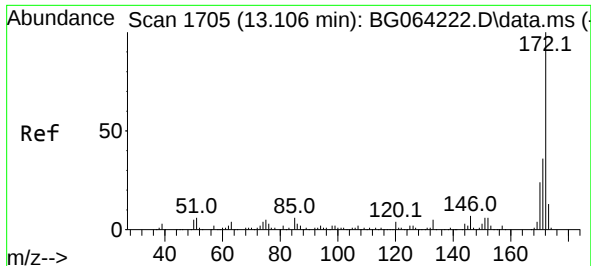
Tgt Ion:164 Resp: 48131
Ion Ratio Lower Upper
164 100
162 103.6 85.4 128.0
160 48.9 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 241.427 ng
RT: 15.951 min Scan# 2189
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Tgt Ion:330 Resp: 153914
Ion Ratio Lower Upper
330 100
332 98.4 77.6 116.4
141 33.8 29.8 44.6

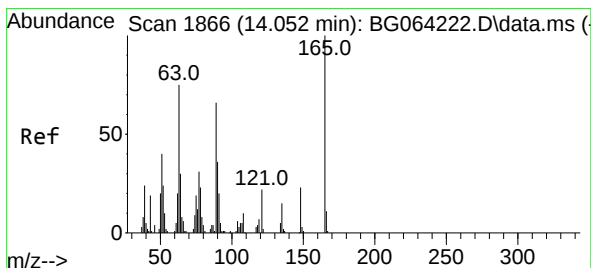
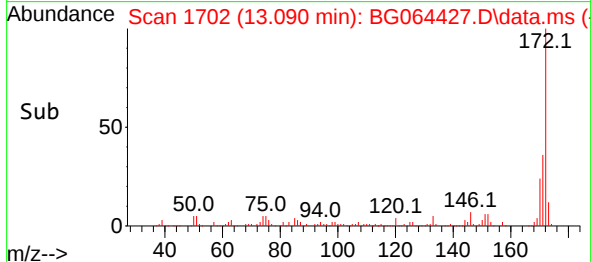
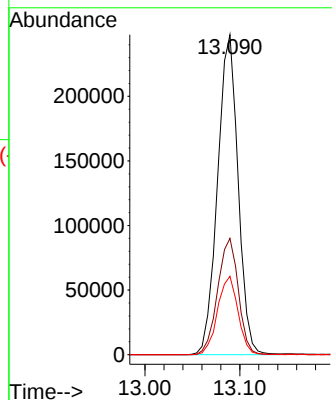
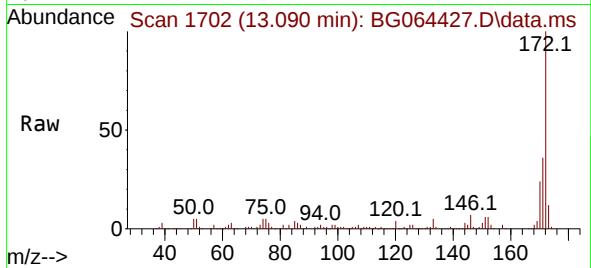




#45
2-Fluorobiphenyl
Concen: 118.173 ng
RT: 13.090 min Scan# 1
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

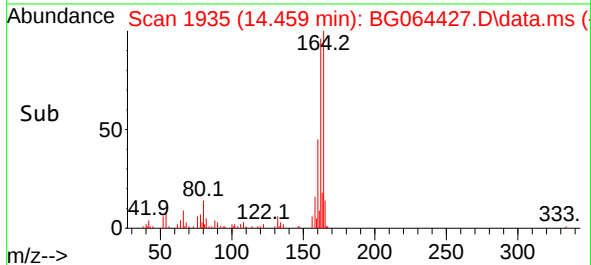
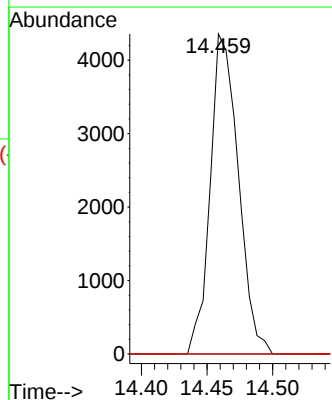
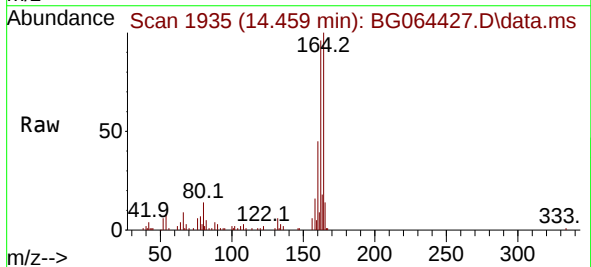
Instrument :
BNA_G
ClientSampleId :

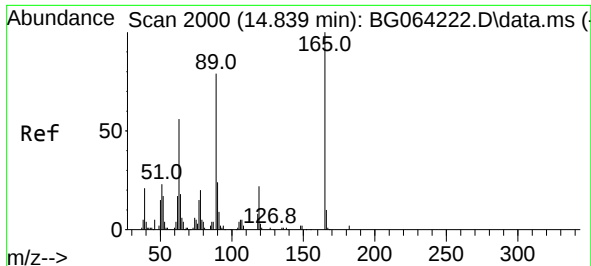
Tgt Ion:172 Resp: 372638
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.202 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.401 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

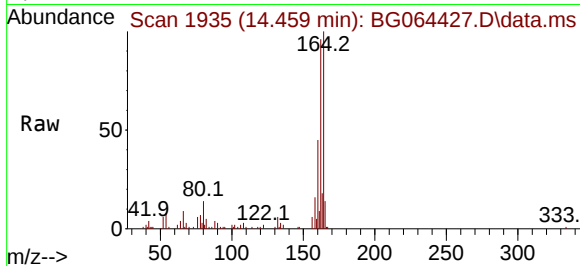
Tgt Ion:165 Resp: 6490
Ion Ratio Lower Upper
165 100
63 0.0 60.3 90.5#
89 0.0 52.9 79.3#



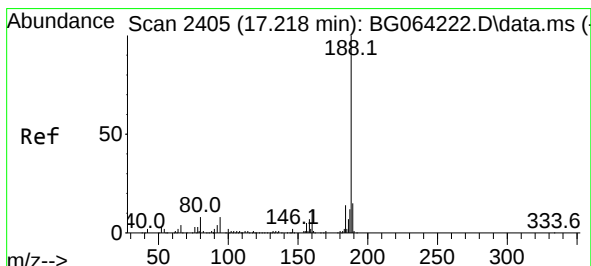
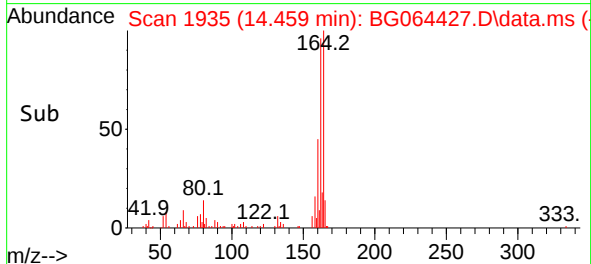
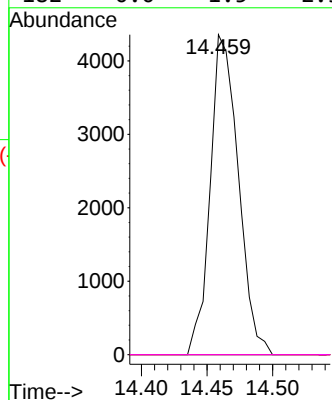


#57
2,4-Dinitrotoluene
Concen: 6.086 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.386 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :

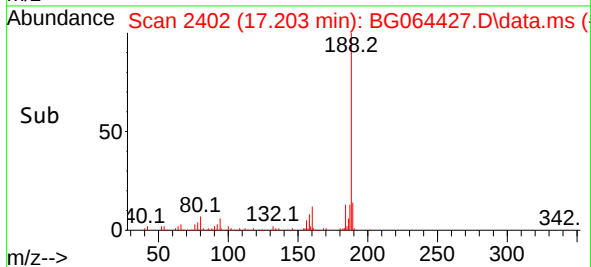
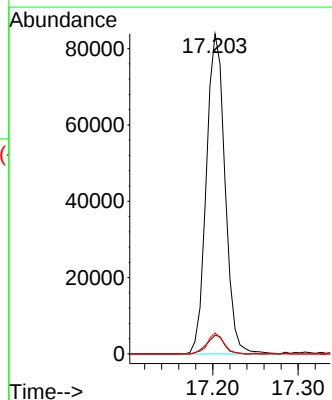
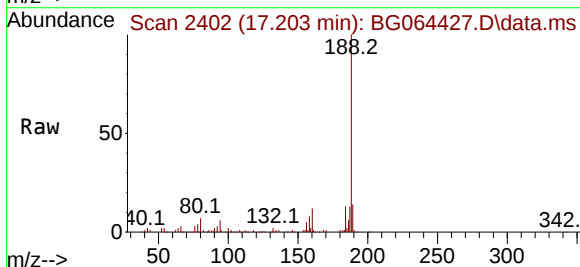


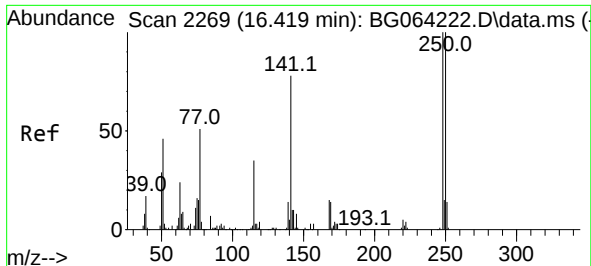
Tgt Ion:	165	Resp:	6490
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	0.0	63.0	94.4#
182	0.0	1.5	2.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

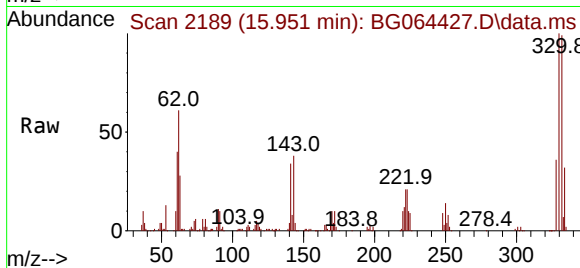
Tgt Ion:	188	Resp:	127652
Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.2	9.4#
80	6.5	6.8	10.2#



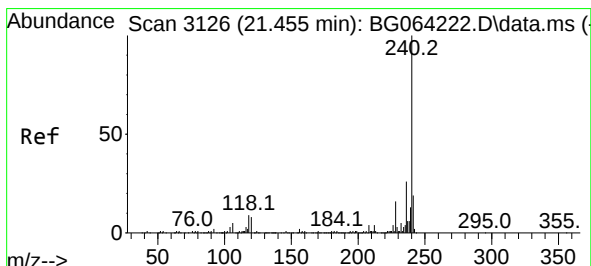
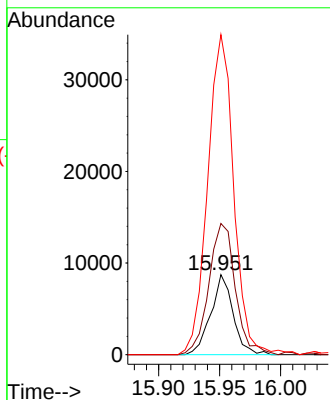
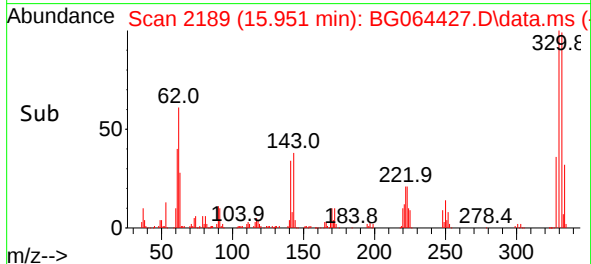


#67
4-Bromophenyl-phenylether
Concen: 8.224 ng
RT: 15.951 min Scan# 2119
Delta R.T. -0.469 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

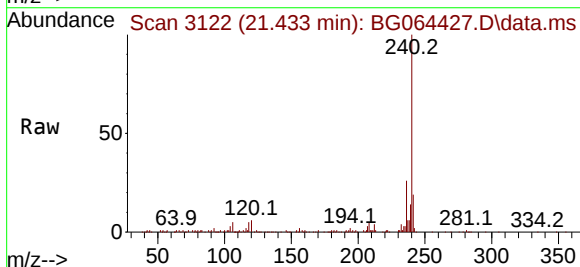
Instrument :
BNA_G
ClientSampleId :



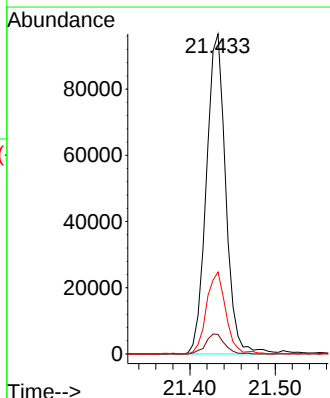
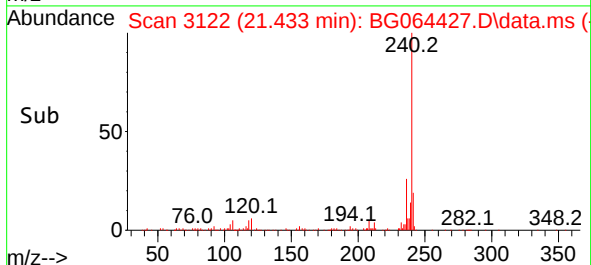
Tgt Ion:248 Resp: 11150
Ion Ratio Lower Upper
248 100
250 164.0 80.2 120.4#
141 400.2 62.4 93.6#

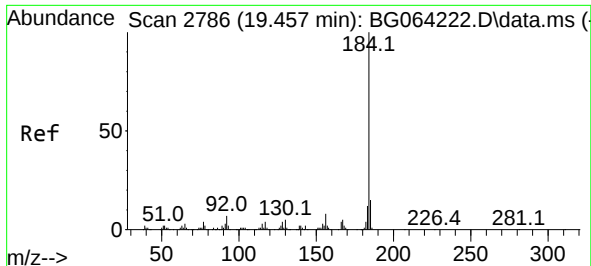


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3122
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05



Tgt Ion:240 Resp: 152108
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 25.6 20.5 30.7

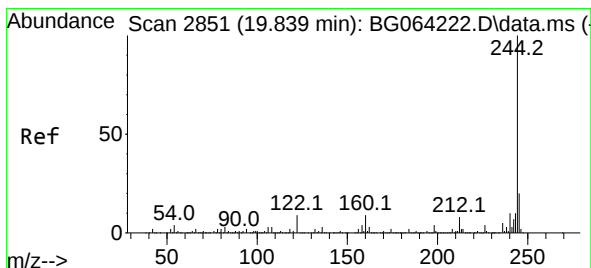
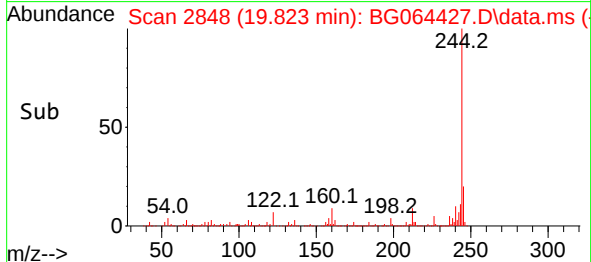
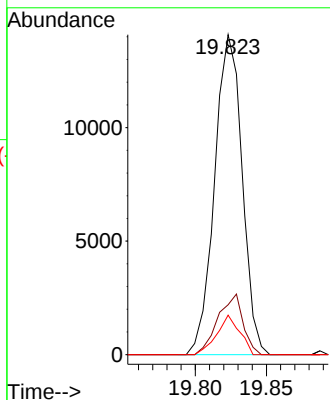
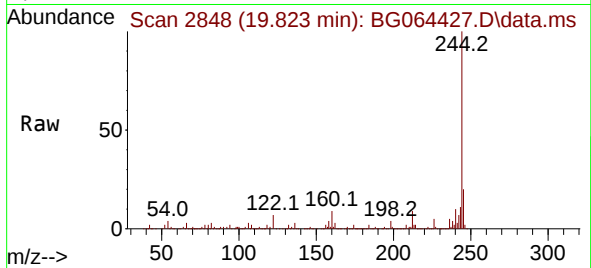




#77
Benzidine
Concen: 5.927 ng
RT: 19.823 min Scan# 21
Delta R.T. 0.366 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

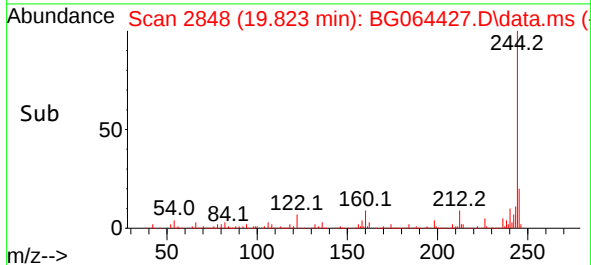
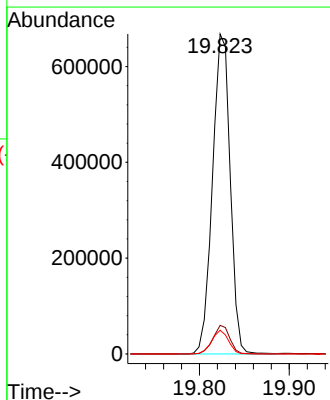
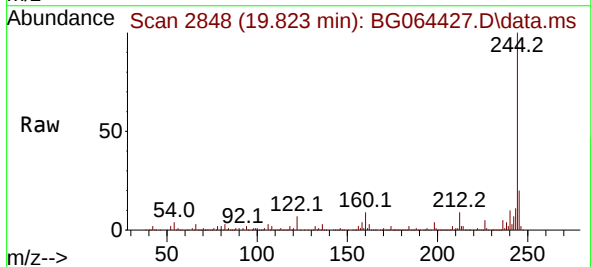
Instrument :
BNA_G
ClientSampleId :

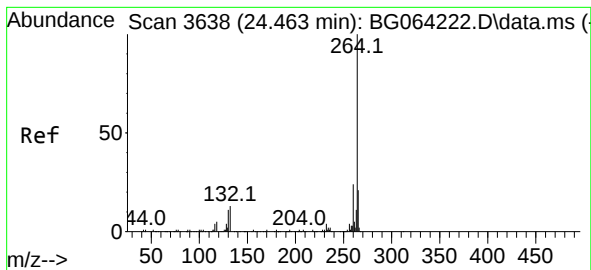
Tgt Ion:184 Resp: 18966
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 12.3 9.7 14.5



#79
Terphenyl-d14
Concen: 125.231 ng
RT: 19.823 min Scan# 2848
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

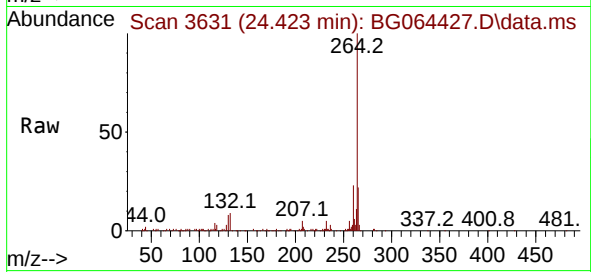
Tgt Ion:244 Resp: 913011
Ion Ratio Lower Upper
244 100
212 8.9 6.6 10.0
122 7.4 7.0 10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.423 min Scan# 30
Delta R.T. -0.040 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:	264	Resp:	165181
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.9	28.3
265	21.8	16.7	25.1

