

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064335.D
 Acq On : 10 Sep 2025 16:44
 Operator : RC/JU
 Sample : Q3051-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 10 18:10:01 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)

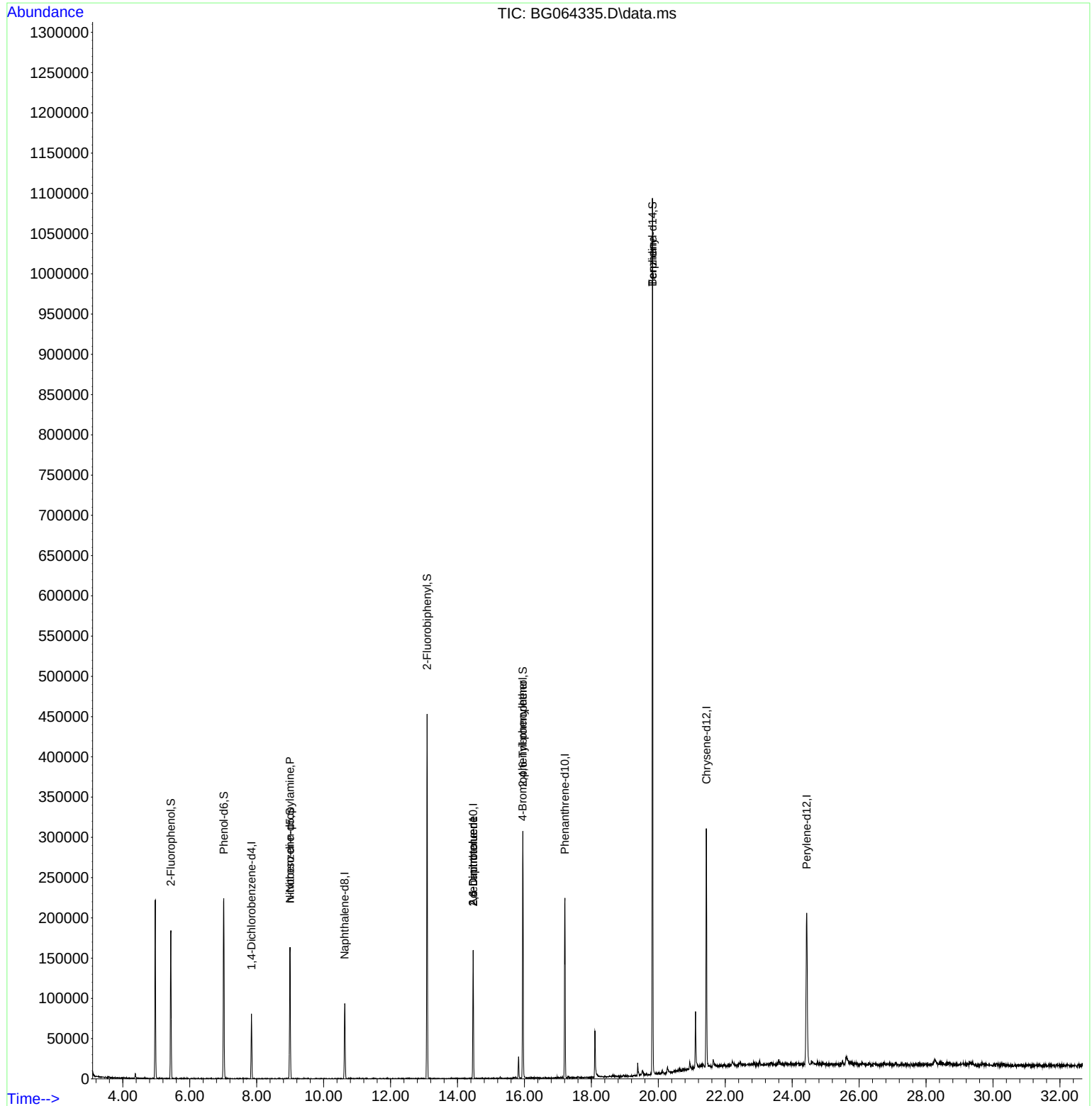
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	18510	20.000	ng	-0.01
21) Naphthalene-d8	10.629	136	75190	20.000	ng	-0.02
39) Acenaphthene-d10	14.466	164	53289	20.000	ng	-0.02
64) Phenanthrene-d10	17.210	188	133254	20.000	ng	#-0.02
76) Chrysene-d12	21.434	240	172457	20.000	ng	#-0.02
86) Perylene-d12	24.436	264	197822	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	67979	65.889	ng	0.00
7) Phenol-d6	7.016	99	102036	71.988	ng	-0.02
23) Nitrobenzene-d5	8.996	82	83793	62.151	ng	-0.02
42) 2,4,6-Tribromophenol	15.952	330	57229	81.080	ng	-0.02
45) 2-Fluorobiphenyl	13.091	172	209456	59.994	ng	-0.02
79) Terphenyl-d14	19.830	244	512603	62.014	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.996	70	12326	11.363	ng	# 73
51) 2,6-Dinitrotoluene	14.466	165	6855	8.779	ng	# 14
57) 2,4-Dinitrotoluene	14.466	165	6855	5.806	ng	# 17
67) 4-Bromophenyl-phenylether	15.946	248	3873	2.736	ng	# 1
77) Benzidine	19.830	184	10771	2.969	ng	98

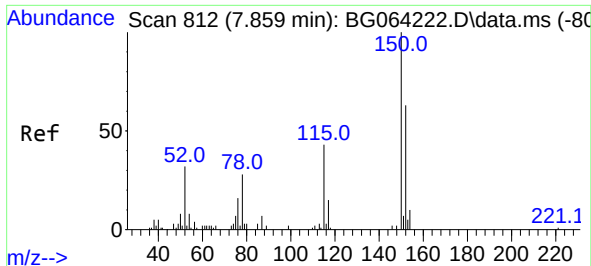
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
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Instrument :
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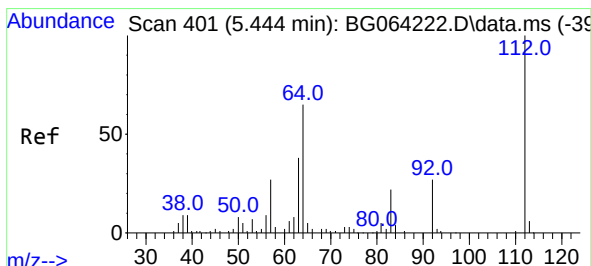
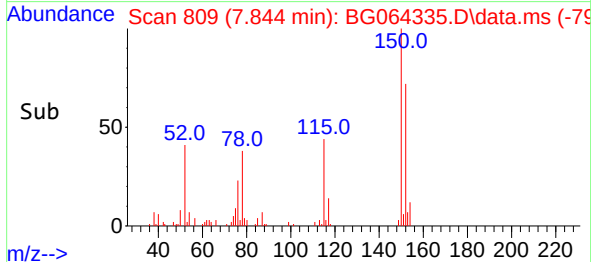
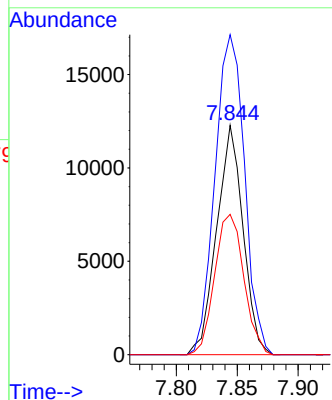
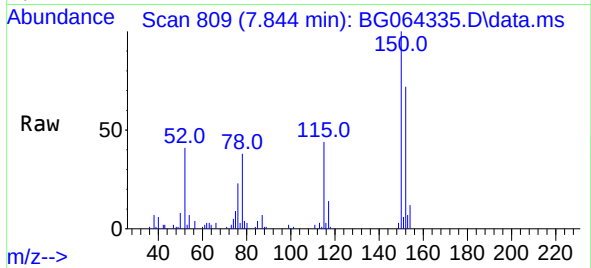




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.844 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

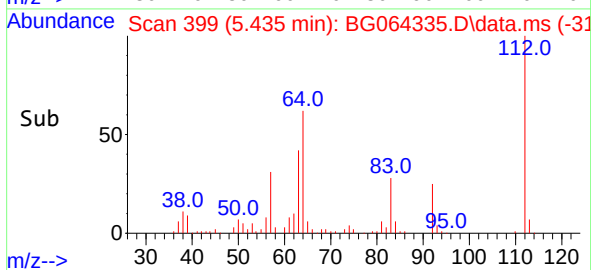
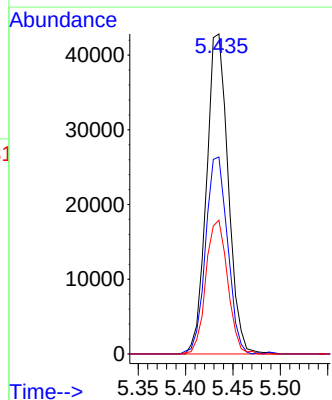
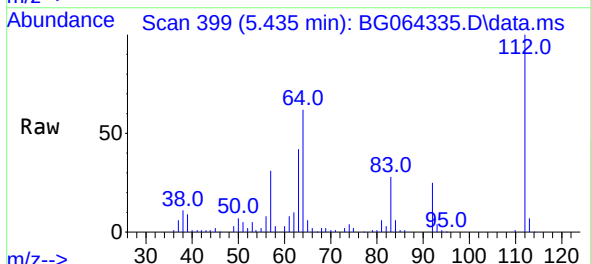
Instrument :
BNA_G
ClientSampleId :

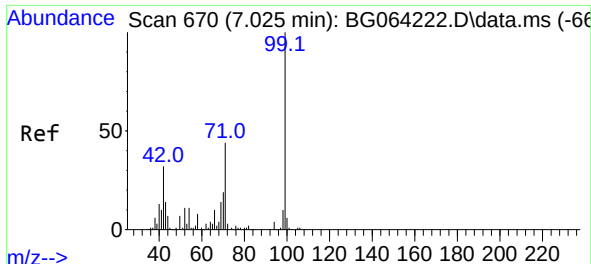
Tgt Ion:152 Resp: 18510
Ion Ratio Lower Upper
152 100
150 139.6 128.0 192.0
115 61.2 55.7 83.5



#5
2-Fluorophenol
Concen: 65.889 ng
RT: 5.435 min Scan# 399
Delta R.T. -0.009 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Tgt Ion:112 Resp: 67979
Ion Ratio Lower Upper
112 100
64 61.5 51.8 77.6
63 41.8 30.6 45.8

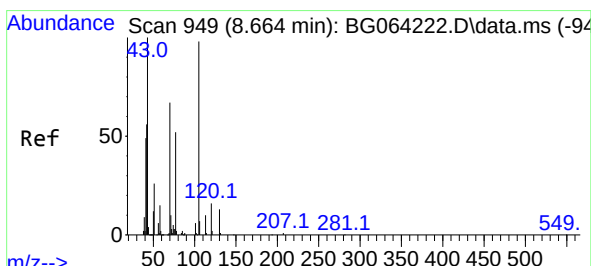
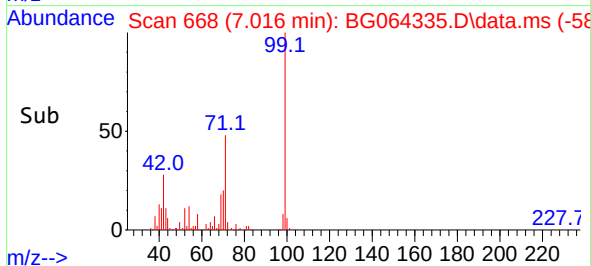
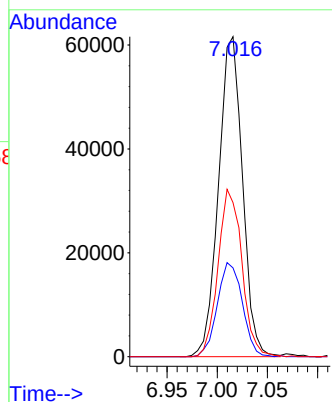
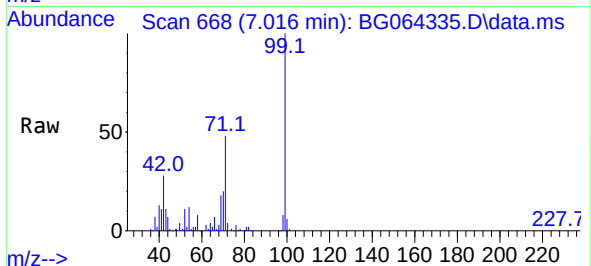




#7
Phenol-d6
Concen: 71.988 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.015 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

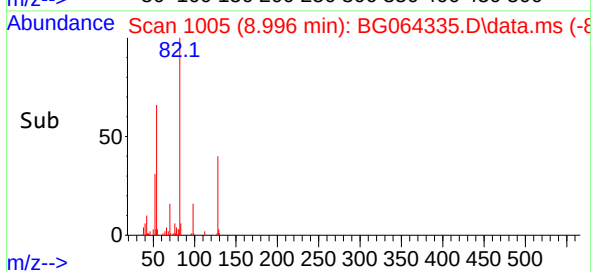
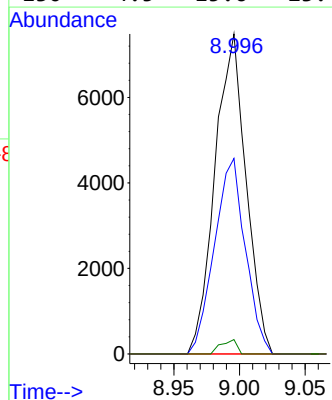
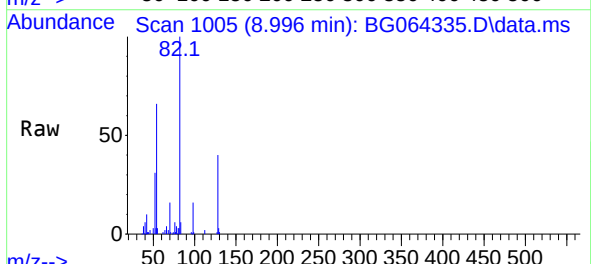
Instrument :
BNA_G
ClientSampleId :

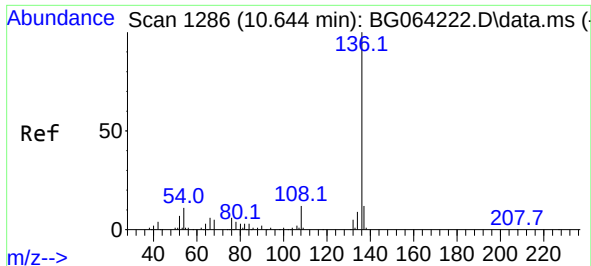
Tgt Ion: 99 Resp: 102036
Ion Ratio Lower Upper
99 100
42 27.8 25.8 38.8
71 48.1 35.2 52.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.363 ng
RT: 8.996 min Scan# 1005
Delta R.T. 0.332 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Tgt Ion: 70 Resp: 12326
Ion Ratio Lower Upper
70 100
42 61.1 67.9 101.9#
101 0.0 7.3 10.9#
130 4.5 15.6 23.4#

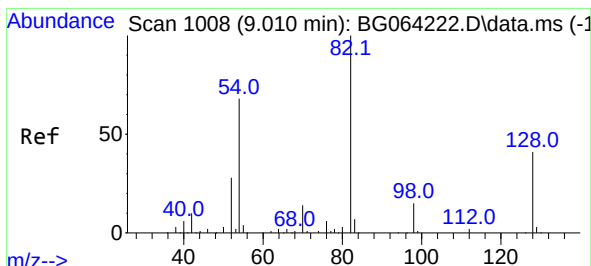
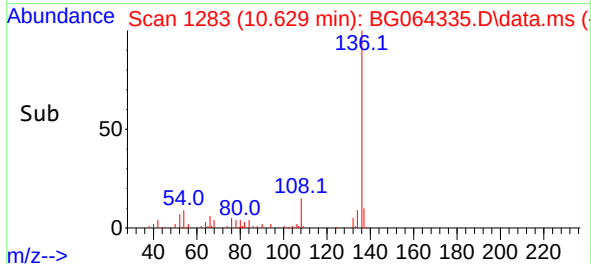
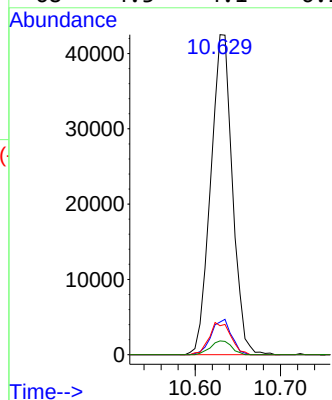
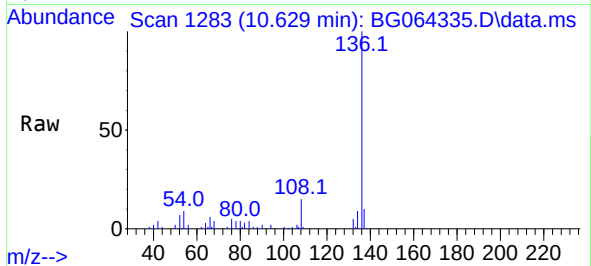




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.629 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

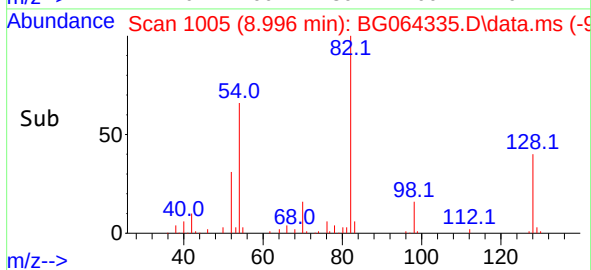
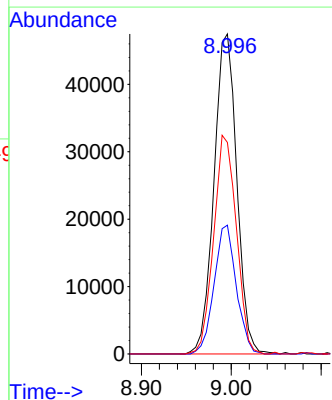
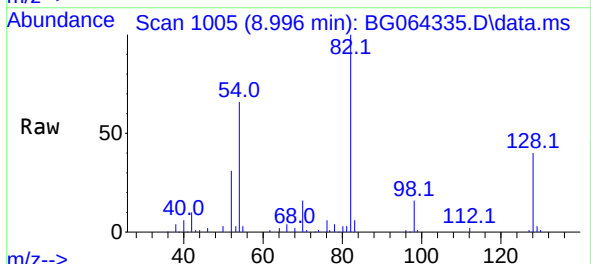
Instrument :
BNA_G
ClientSampleId :

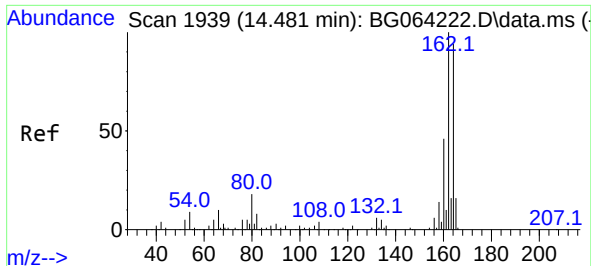
Tgt Ion:136	Resp:	75190
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.6 14.4
54	9.0	8.8 13.2
68	4.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 62.151 ng
RT: 8.996 min Scan# 1005
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

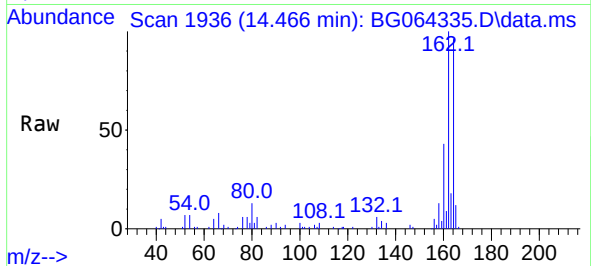
Tgt Ion: 82	Resp:	83793
Ion Ratio	Lower	Upper
82	100	
128	40.2	32.6 48.8
54	66.1	54.7 82.1



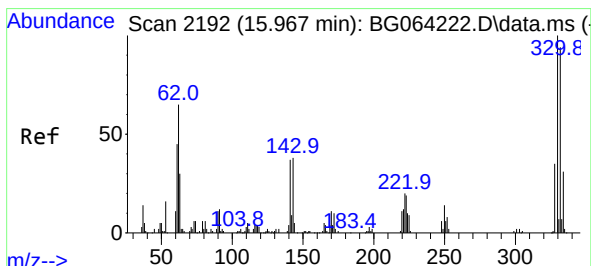
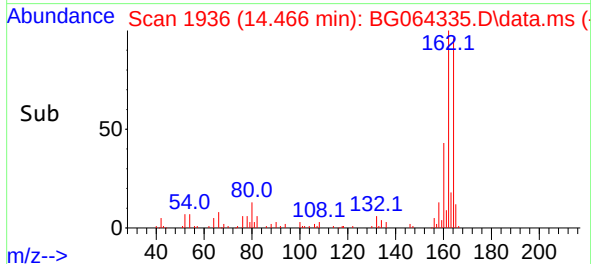
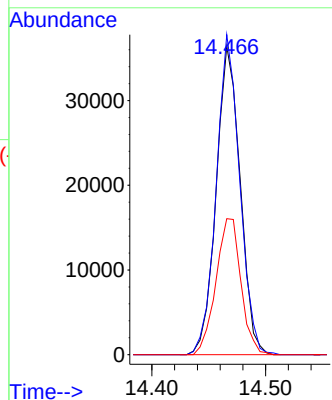


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.466 min Scan# 1936
Delta R.T. -0.015 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :

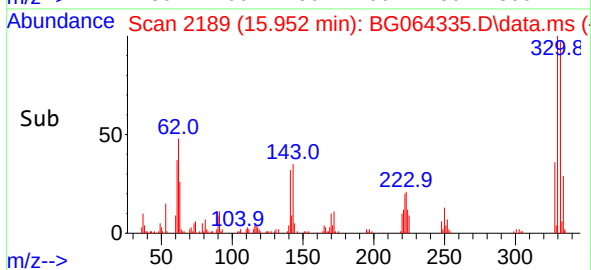
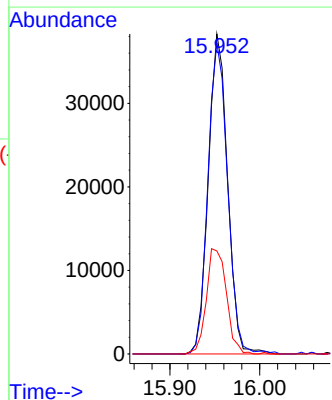
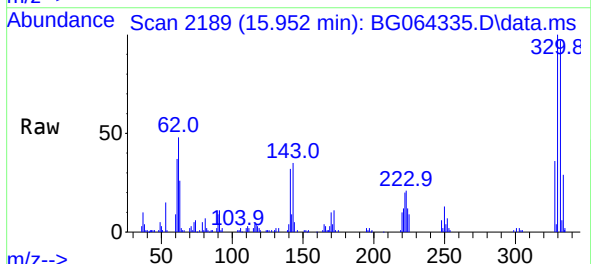


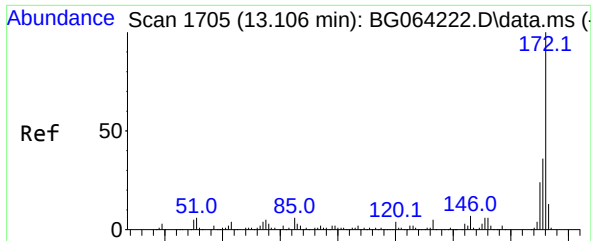
Tgt Ion:164 Resp: 53289
Ion Ratio Lower Upper
164 100
162 103.8 85.4 128.0
160 44.1 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 81.080 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

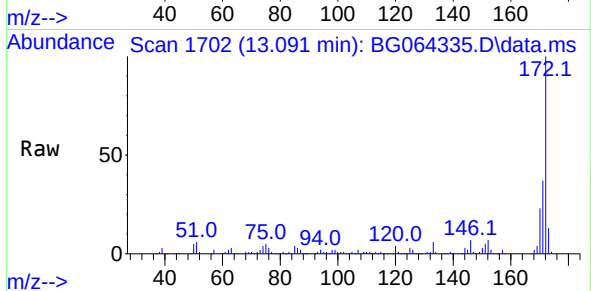
Tgt Ion:330 Resp: 57229
Ion Ratio Lower Upper
330 100
332 98.8 77.6 116.4
141 34.1 29.8 44.6



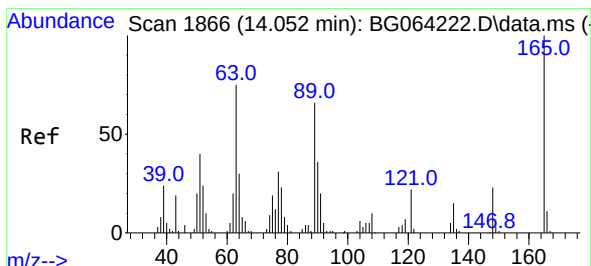
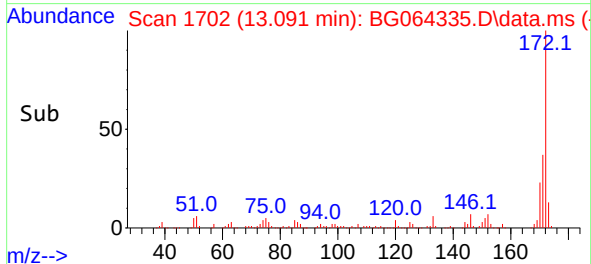
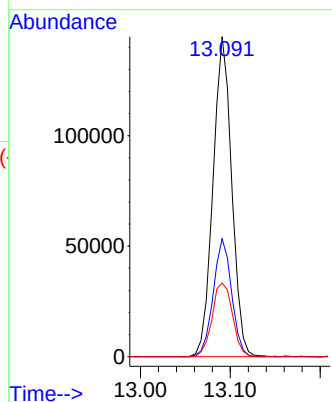


#45
2-Fluorobiphenyl
Concen: 59.994 ng
RT: 13.091 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :

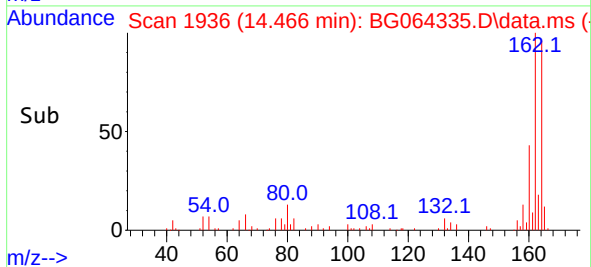
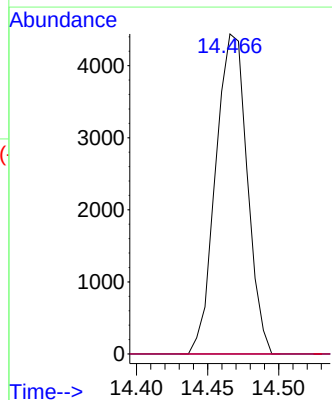
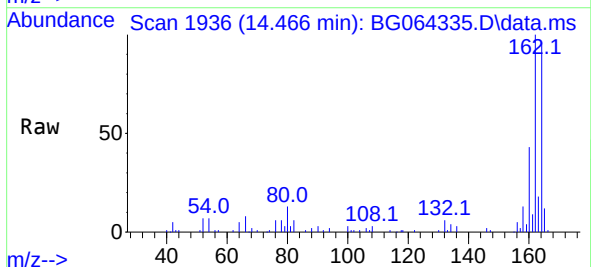


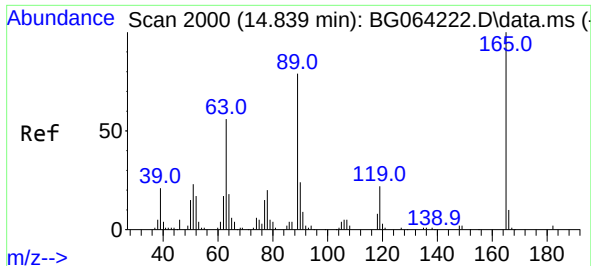
Tgt Ion:172 Resp: 209456
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 23.0 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.779 ng
RT: 14.466 min Scan# 1936
Delta R.T. 0.408 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

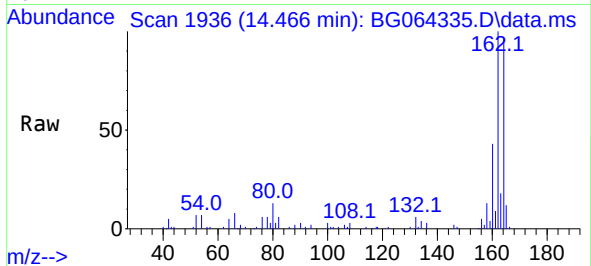
Tgt Ion:165 Resp: 6855
Ion Ratio Lower Upper
165 100
63 0.0 60.3 90.5#
89 0.0 52.9 79.3#



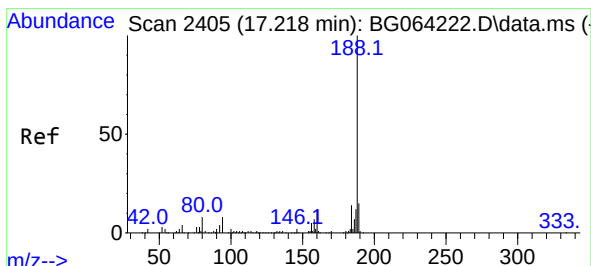
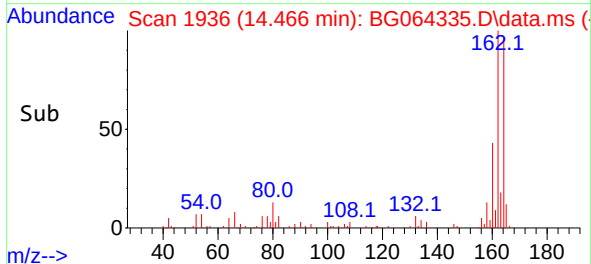
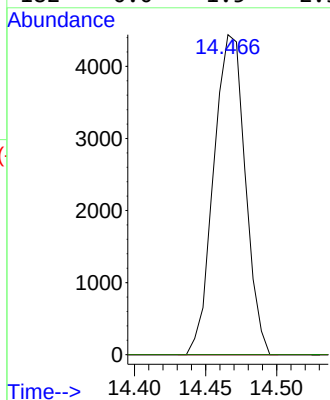


#57
2,4-Dinitrotoluene
Concen: 5.806 ng
RT: 14.466 min Scan# 1936
Delta R.T. -0.379 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :

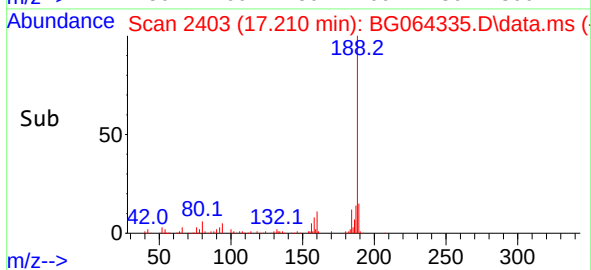
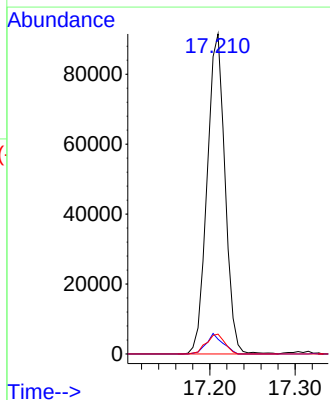
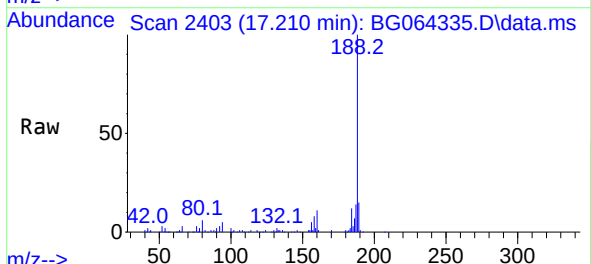


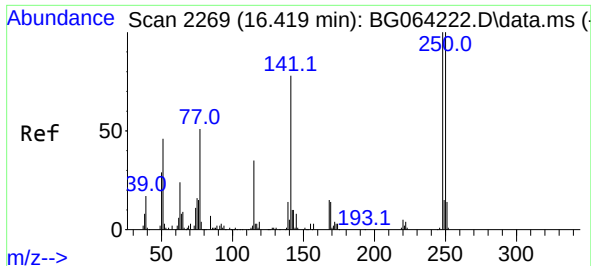
Tgt Ion:165 Resp: 6855
Ion Ratio Lower Upper
165 100
63 0.0 44.6 67.0#
89 0.0 63.0 94.4#
182 0.0 1.5 2.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2403
Delta R.T. -0.015 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

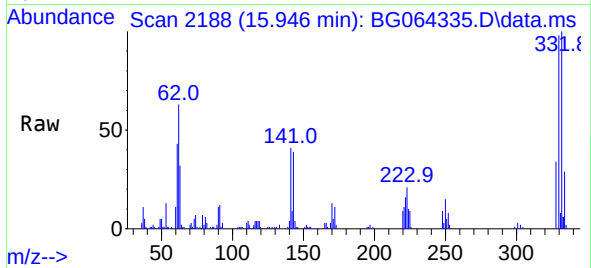
Tgt Ion:188 Resp: 133254
Ion Ratio Lower Upper
188 100
94 4.6 6.2 9.4#
80 6.2 6.8 10.2#



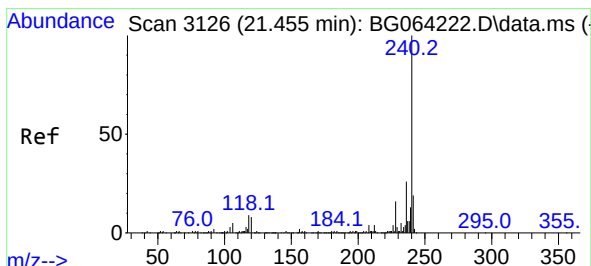
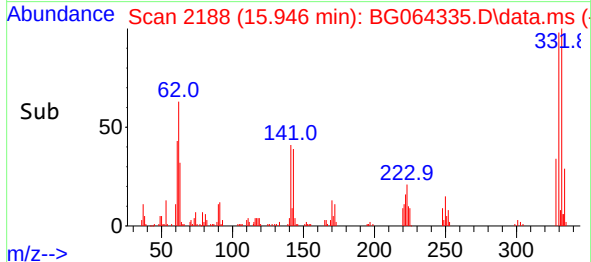
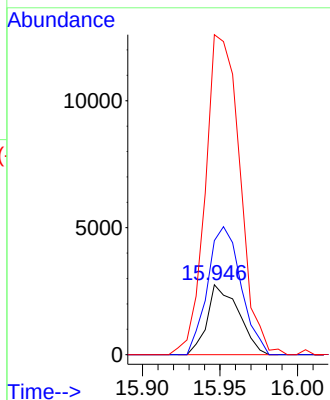


#67
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 15.946 min Scan# 2188
Delta R.T. -0.473 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :

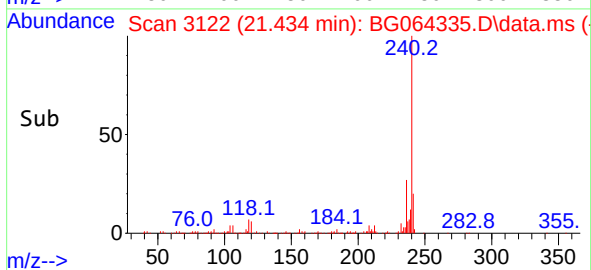
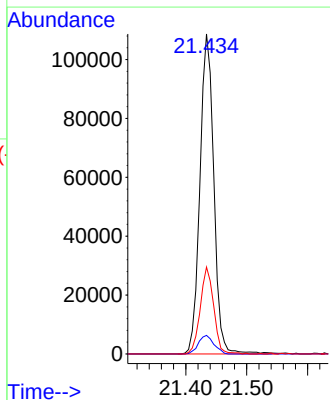
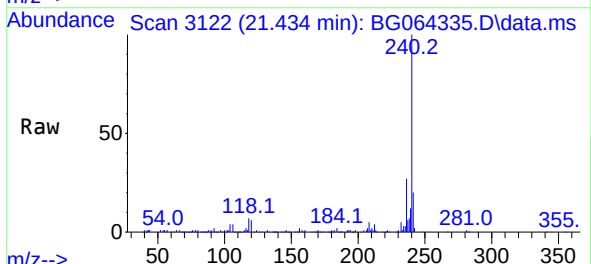


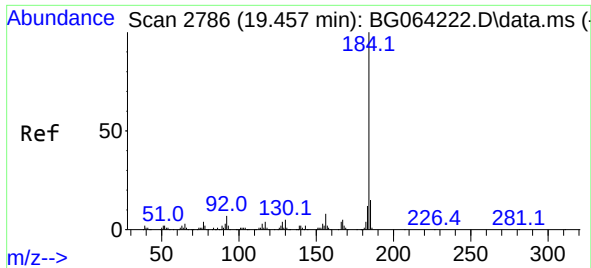
Tgt Ion:248 Resp: 3873
Ion Ratio Lower Upper
248 100
250 163.0 80.2 120.4#
141 457.4 62.4 93.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.021 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

Tgt Ion:240 Resp: 172457
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 27.2 20.5 30.7

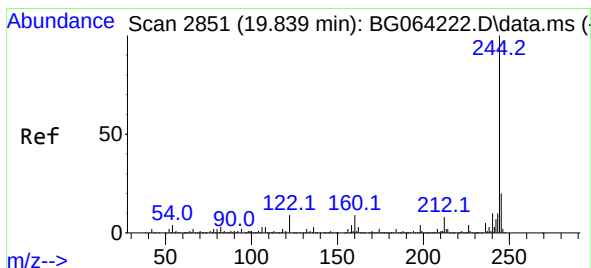
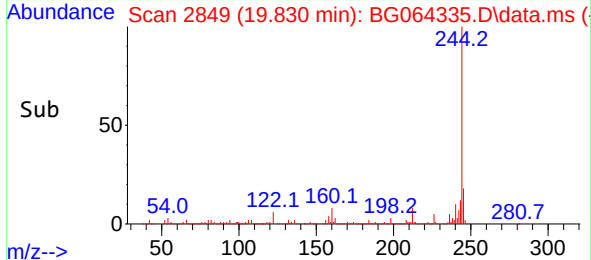
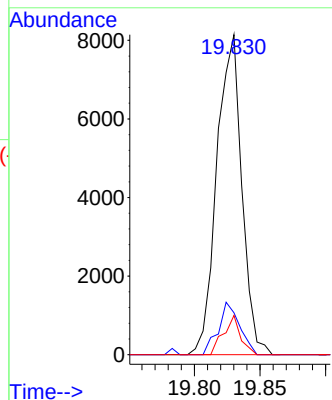
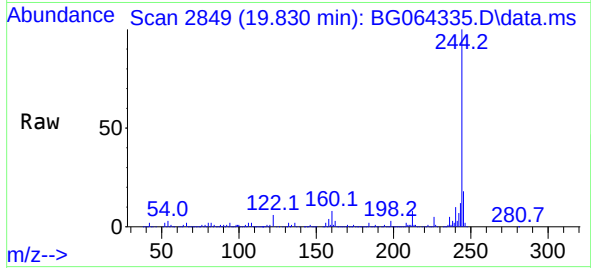




#77
Benzidine
Concen: 2.969 ng
RT: 19.830 min Scan# 21
Delta R.T. 0.373 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

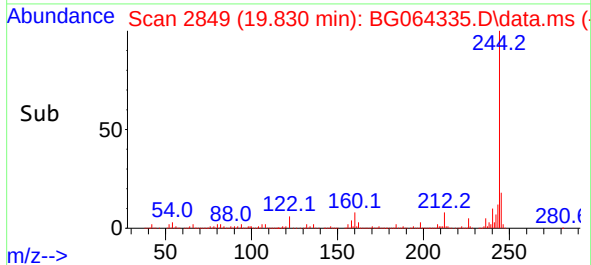
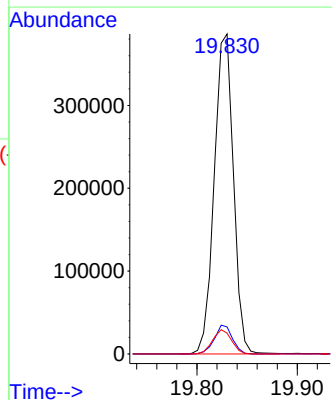
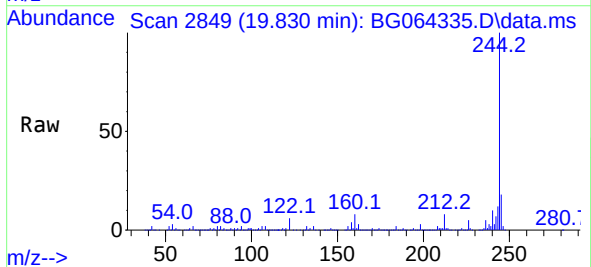
Instrument :
BNA_G
ClientSampleId :

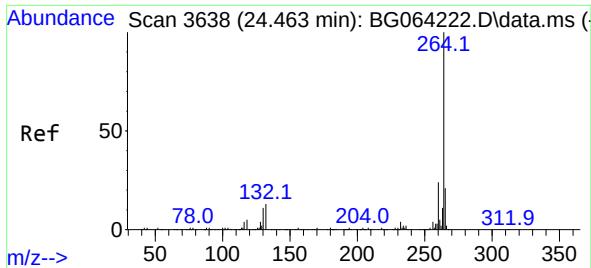
Tgt Ion:184 Resp: 10771
Ion Ratio Lower Upper
184 100
185 13.1 11.7 17.5
183 12.3 9.7 14.5



#79
Terphenyl-d14
Concen: 62.014 ng
RT: 19.830 min Scan# 2849
Delta R.T. -0.015 min
Lab File: BG064335.D
Acq: 10 Sep 2025 16:44

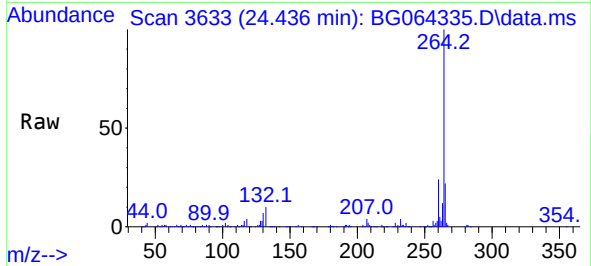
Tgt Ion:244 Resp: 512603
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 6.5 7.0 10.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.436 min Scan# 30
 Delta R.T. -0.027 min
 Lab File: BG064335.D
 Acq: 10 Sep 2025 16:44

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 197822

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.3	16.7	25.1

