

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064333.D
 Acq On : 10 Sep 2025 15:19
 Operator : RC/JU
 Sample : PB169633BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 10 15:58:46 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)

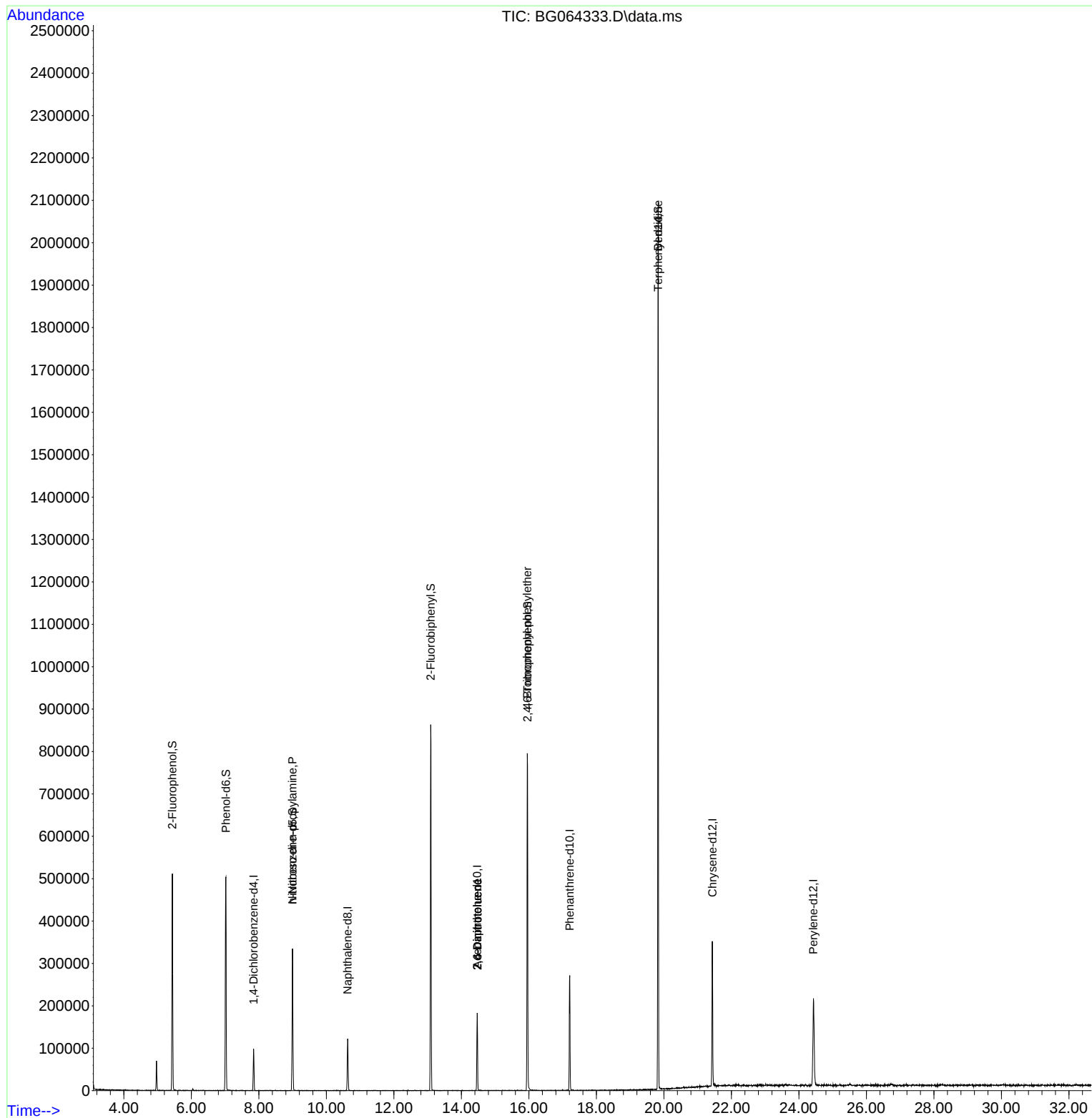
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	23585	20.000	ng	-0.01
21) Naphthalene-d8	10.629	136	95858	20.000	ng	-0.02
39) Acenaphthene-d10	14.466	164	66938	20.000	ng	-0.02
64) Phenanthrene-d10	17.210	188	164812	20.000	ng	#-0.01
76) Chrysene-d12	21.434	240	197978	20.000	ng	#-0.02
86) Perylene-d12	24.431	264	210591	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	180332	137.177	ng	0.00
7) Phenol-d6	7.022	99	235510	130.402	ng	0.00
23) Nitrobenzene-d5	8.996	82	168824	98.222	ng	-0.02
42) 2,4,6-Tribromophenol	15.958	330	150712	169.984	ng	-0.01
45) 2-Fluorobiphenyl	13.091	172	426129	97.168	ng	-0.02
79) Terphenyl-d14	19.830	244	929615	97.966	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.996	70	25738	18.621	ng	# 81
51) 2,6-Dinitrotoluene	14.472	165	9209	9.389	ng	# 16
57) 2,4-Dinitrotoluene	14.472	165	9209	6.209	ng	# 18
67) 4-Bromophenyl-phenylether	15.952	248	10912	6.234	ng	# 1
77) Benzidine	19.824	184	19079	4.581	ng	# 95

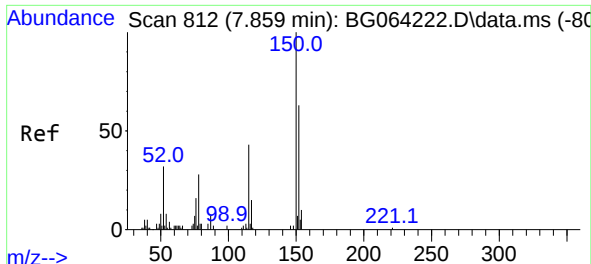
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064333.D
Acq On : 10 Sep 2025 15:19
Operator : RC/JU
Sample : PB169633BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

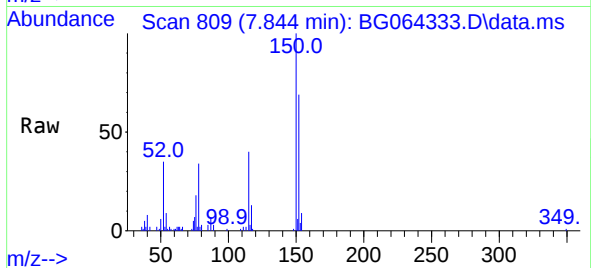
Quant Time: Sep 10 15:58:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



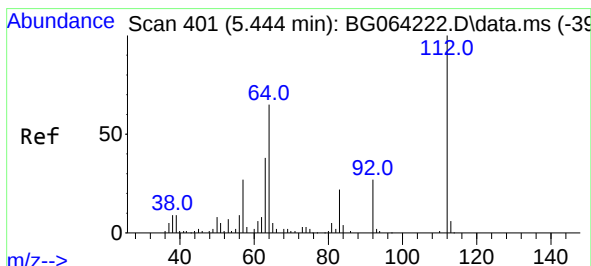
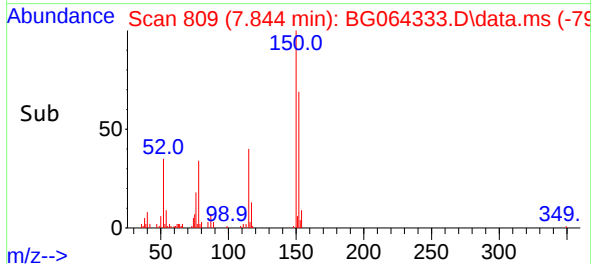
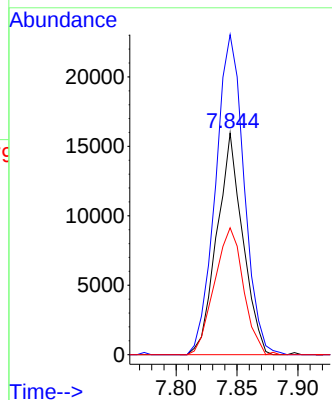


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.844 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Instrument :
BNA_G
ClientSampleId :

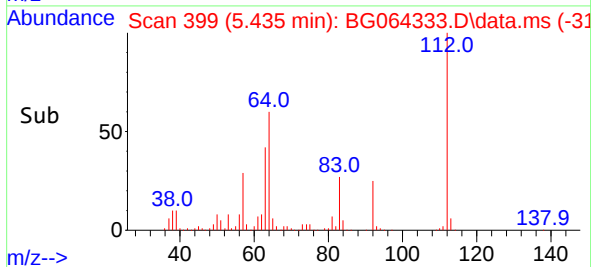
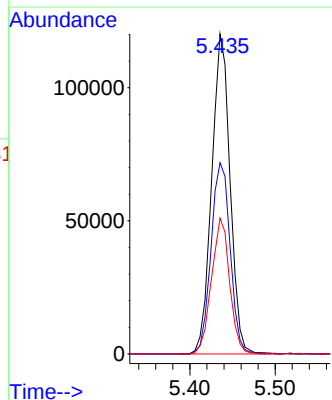
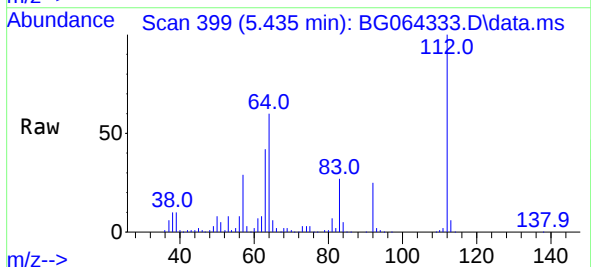


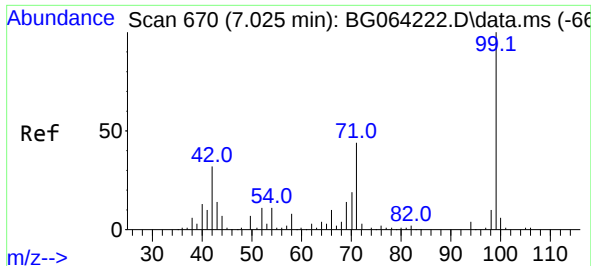
Tgt Ion:152 Resp: 23585
Ion Ratio Lower Upper
152 100
150 144.4 128.0 192.0
115 57.2 55.7 83.5



#5
2-Fluorophenol
Concen: 137.177 ng
RT: 5.435 min Scan# 399
Delta R.T. -0.009 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

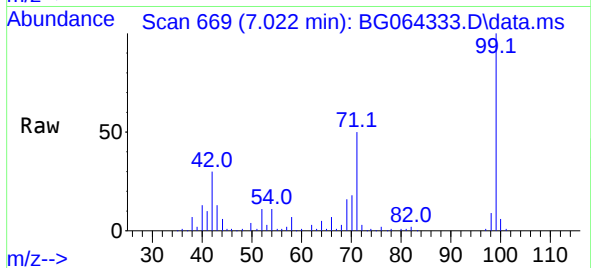
Tgt Ion:112 Resp: 180332
Ion Ratio Lower Upper
112 100
64 59.8 51.8 77.6
63 42.4 30.6 45.8



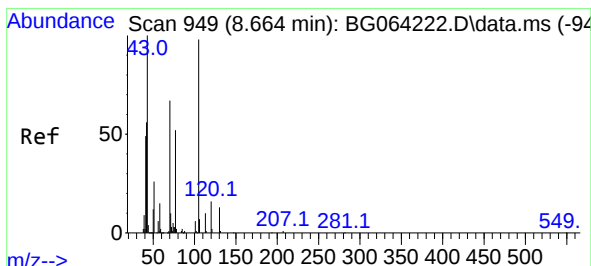
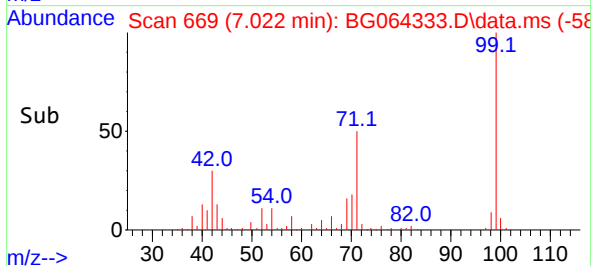
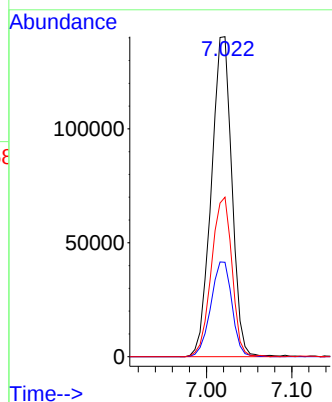


#7
Phenol-d6
Concen: 130.402 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Instrument :
BNA_G
ClientSampleId :

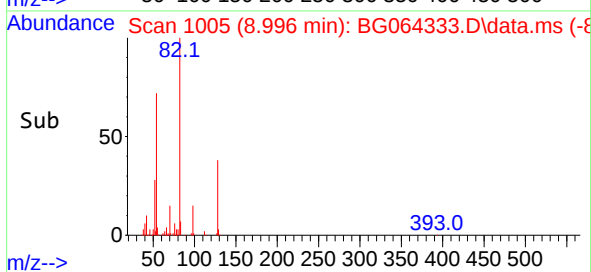
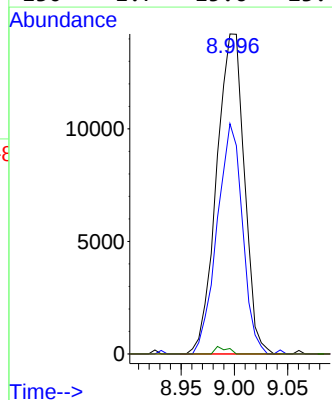
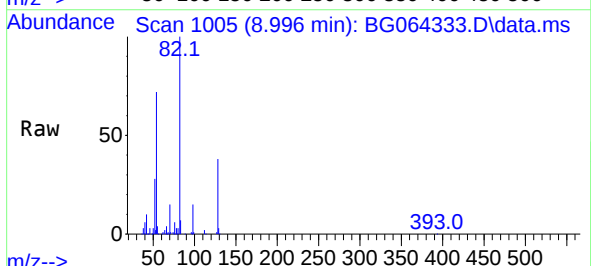


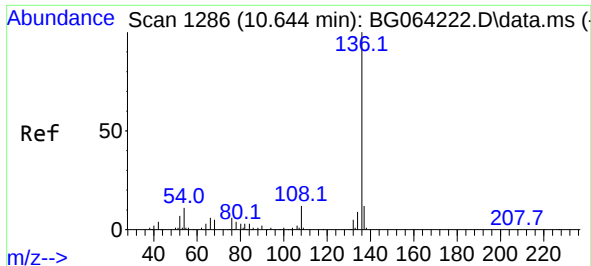
Tgt Ion: 99 Resp: 235510
Ion Ratio Lower Upper
99 100
42 29.5 25.8 38.8
71 49.9 35.2 52.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.621 ng
RT: 8.996 min Scan# 1005
Delta R.T. 0.332 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

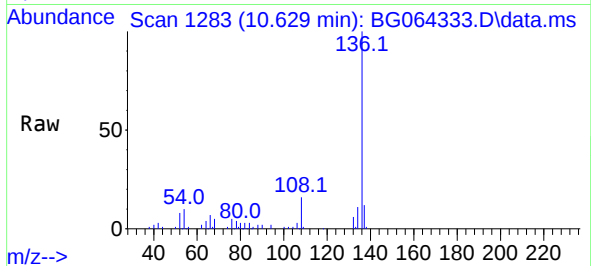
Tgt Ion: 70 Resp: 25738
Ion Ratio Lower Upper
70 100
42 72.0 67.9 101.9
101 0.0 7.3 10.9#
130 1.7 15.6 23.4#



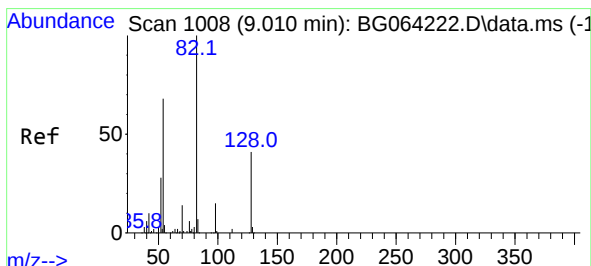
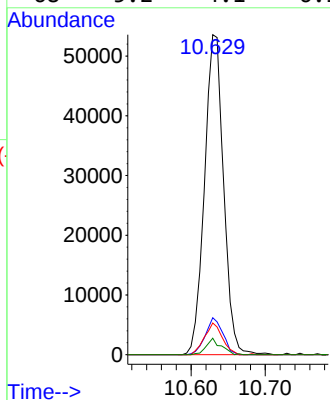
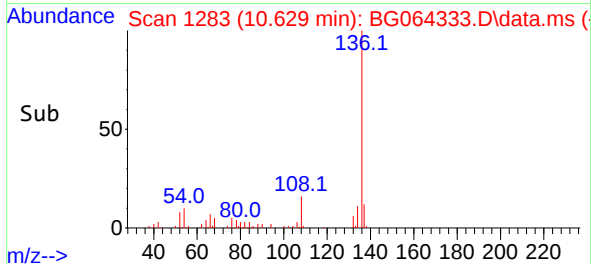


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.629 min Scan# 1005
Delta R.T. -0.021 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Instrument :
BNA_G
ClientSampleId :

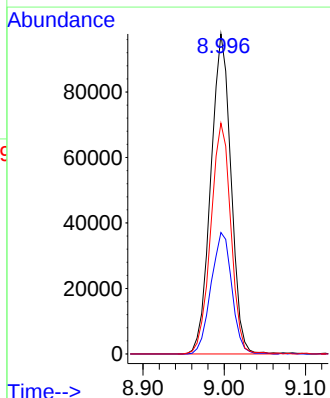
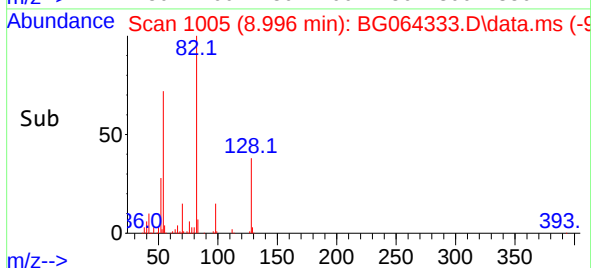
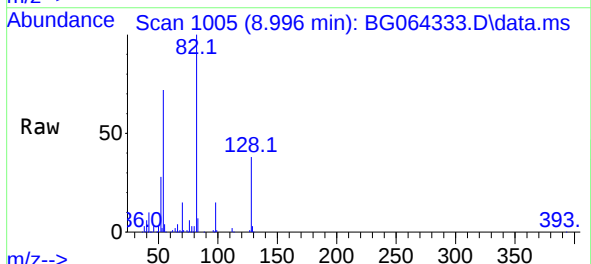


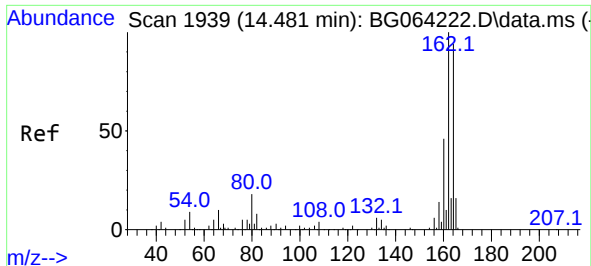
Tgt Ion:	136	Resp:	95858
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.6	14.4
54	9.9	8.8	13.2
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 98.222 ng
RT: 8.996 min Scan# 1005
Delta R.T. -0.021 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

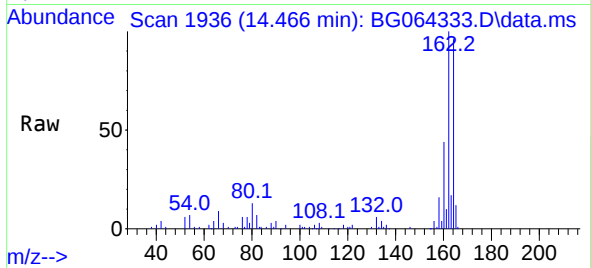
Tgt Ion:	82	Resp:	168824
Ion Ratio	Lower	Upper	
82	100		
128	38.0	32.6	48.8
54	72.1	54.7	82.1



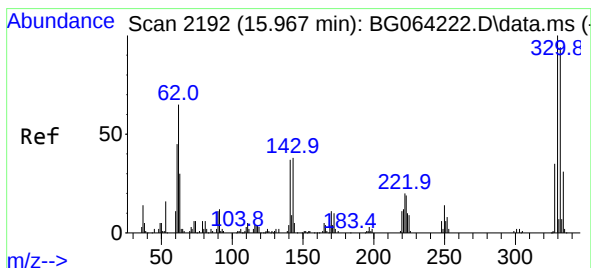
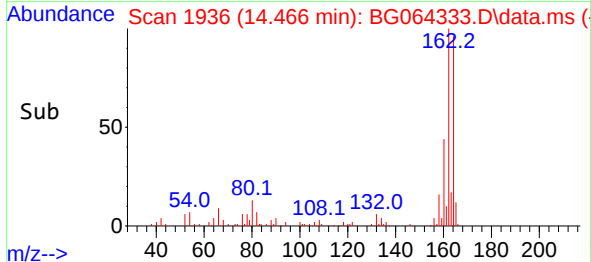
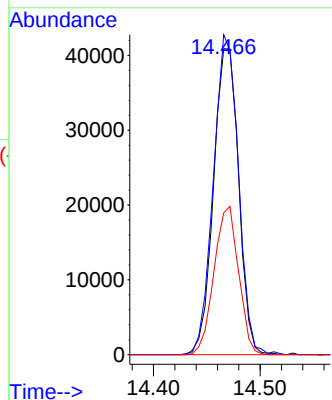


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.466 min Scan# 1936
Delta R.T. -0.015 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Instrument :
BNA_G
ClientSampleId :

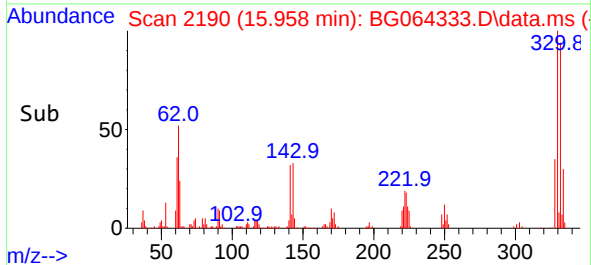
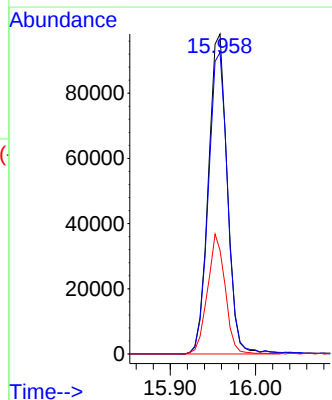
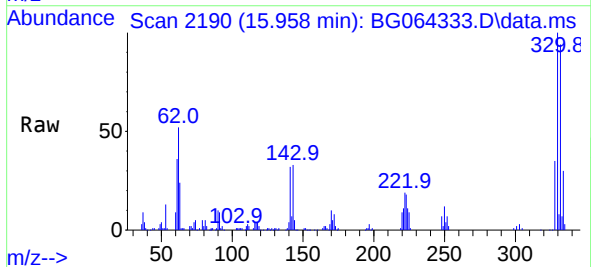


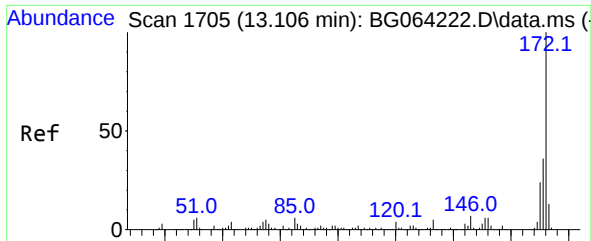
Tgt Ion:164 Resp: 66938
Ion Ratio Lower Upper
164 100
162 104.6 85.4 128.0
160 46.4 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 169.984 ng
RT: 15.958 min Scan# 2190
Delta R.T. -0.015 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

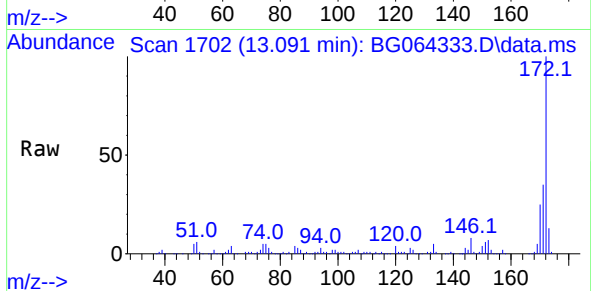
Tgt Ion:330 Resp: 150712
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 35.1 29.8 44.6



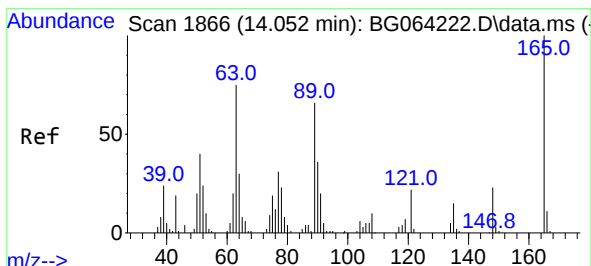
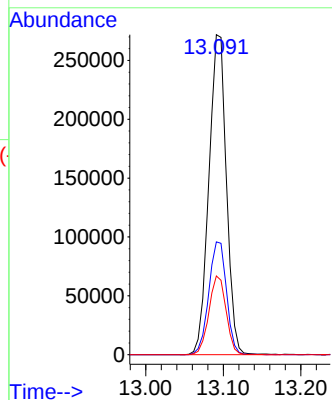
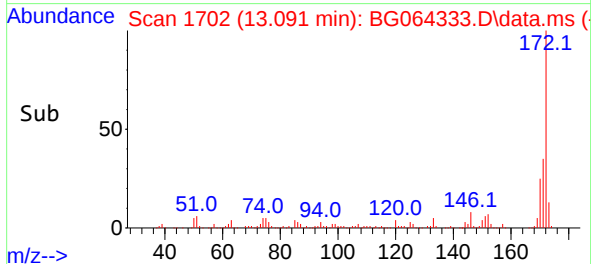


#45
2-Fluorobiphenyl
Concen: 97.168 ng
RT: 13.091 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

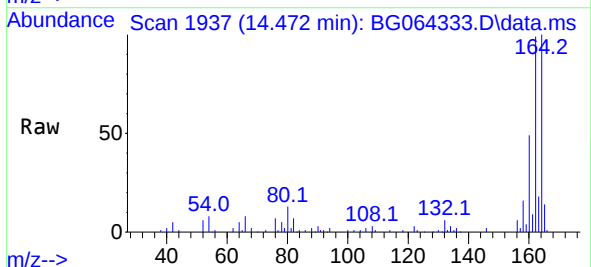
Instrument :
BNA_G
ClientSampleId :



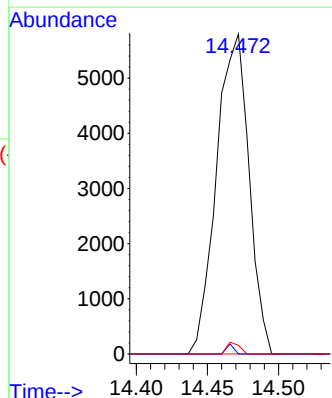
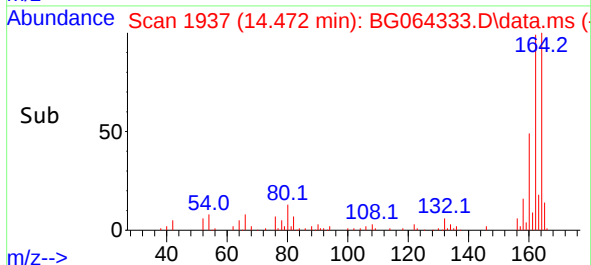
Tgt Ion:172 Resp: 426129
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 24.6 19.0 28.6

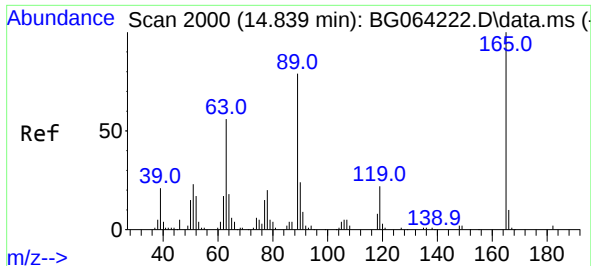


#51
2,6-Dinitrotoluene
Concen: 9.389 ng
RT: 14.472 min Scan# 1937
Delta R.T. 0.414 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19



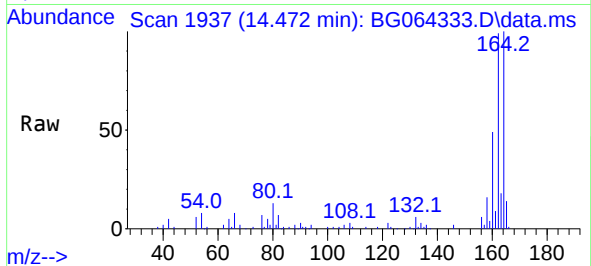
Tgt Ion:165 Resp: 9209
Ion Ratio Lower Upper
165 100
63 0.0 60.3 90.5#
89 2.7 52.9 79.3#



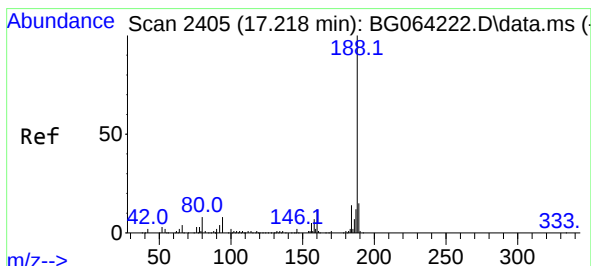
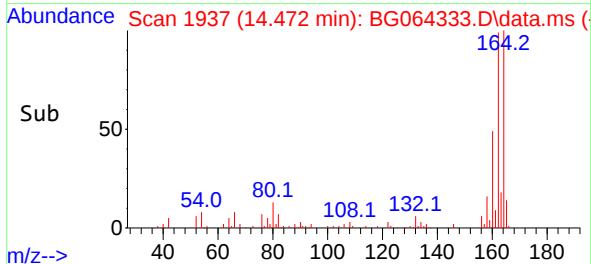
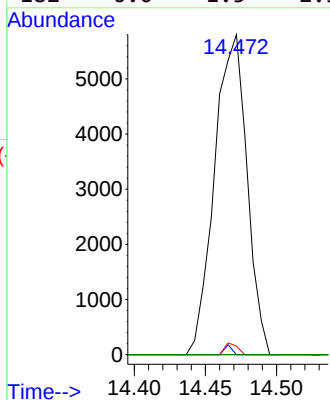


#57
2,4-Dinitrotoluene
Concen: 6.209 ng
RT: 14.472 min Scan# 1937
Delta R.T. -0.373 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Instrument :
BNA_G
ClientSampleId :

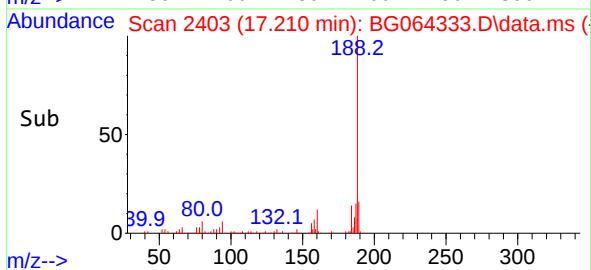
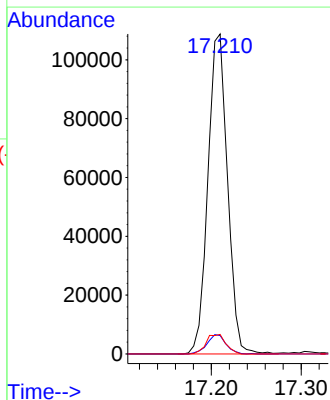
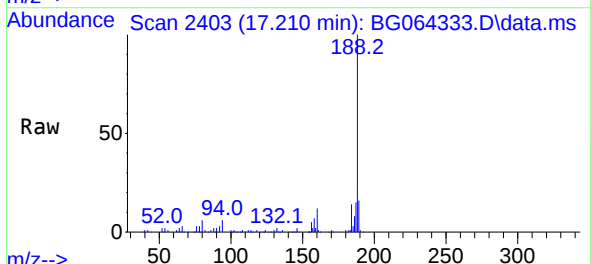


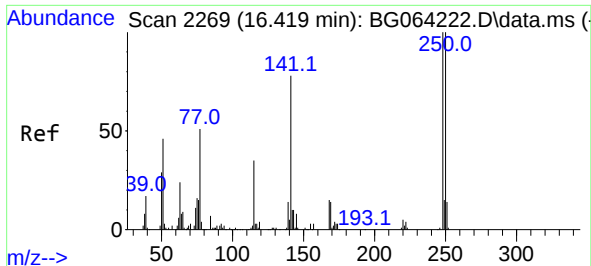
Tgt Ion:165 Resp: 9209
Ion Ratio Lower Upper
165 100
63 0.0 44.6 67.0#
89 2.7 63.0 94.4#
182 0.0 1.5 2.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2403
Delta R.T. -0.015 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

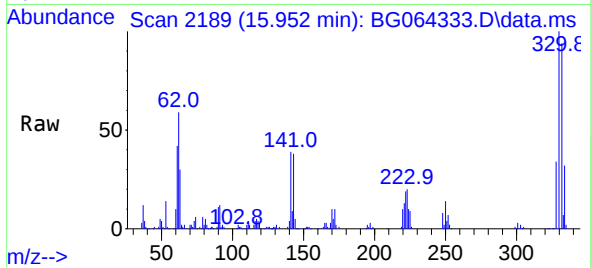
Tgt Ion:188 Resp: 164812
Ion Ratio Lower Upper
188 100
94 5.8 6.2 9.4#
80 6.1 6.8 10.2#



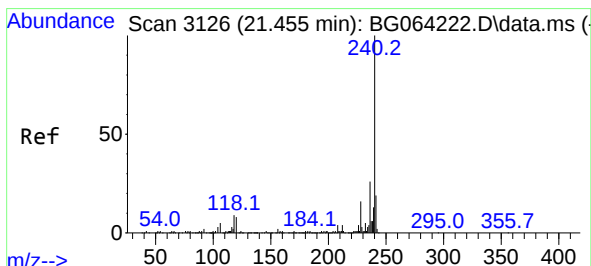
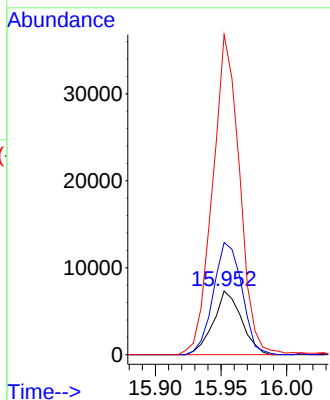
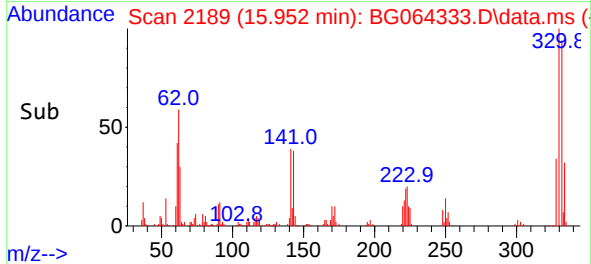


#67
4-Bromophenyl-phenylether
Concen: 6.234 ng
RT: 15.952 min Scan# 21
Delta R.T. -0.467 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Instrument :
BNA_G
ClientSampleId :

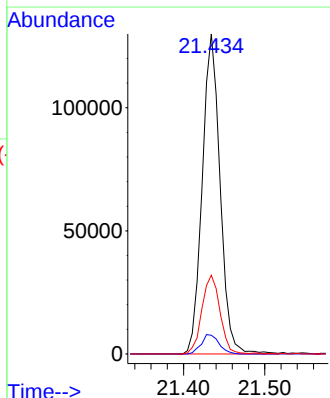
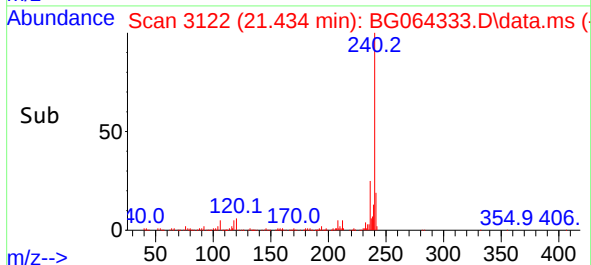
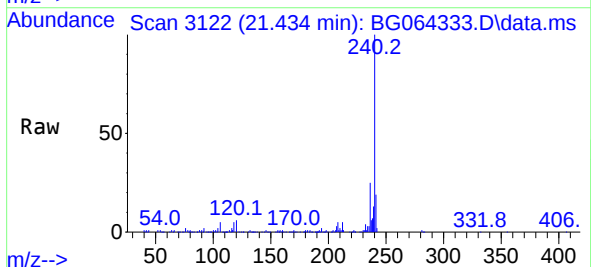


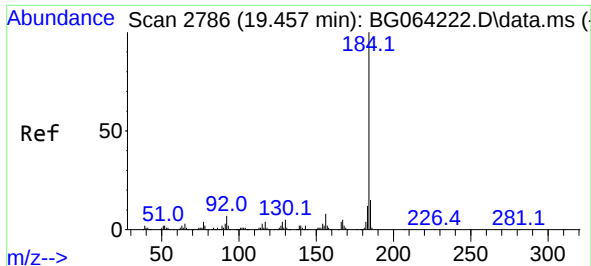
Tgt Ion:248 Resp: 10912
Ion Ratio Lower Upper
248 100
250 176.1 80.2 120.4#
141 502.3 62.4 93.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.021 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

Tgt Ion:240 Resp: 197978
Ion Ratio Lower Upper
240 100
120 5.8 6.2 9.4#
236 24.6 20.5 30.7

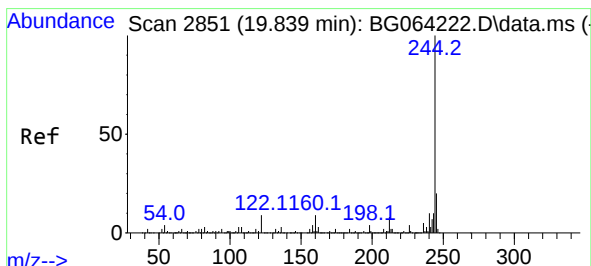
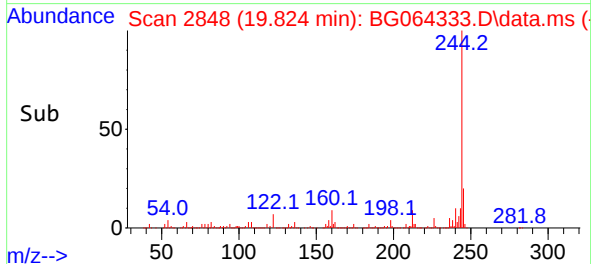
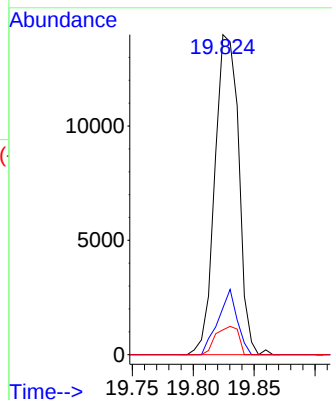
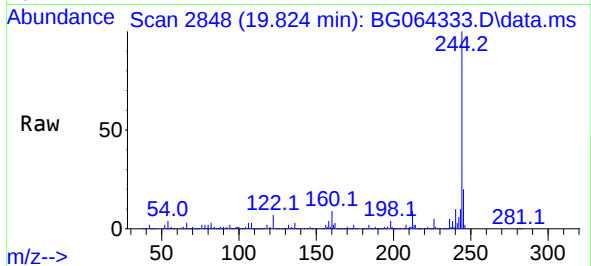




#77
Benzidine
Concen: 4.581 ng
RT: 19.824 min Scan# 2848
Delta R.T. 0.367 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

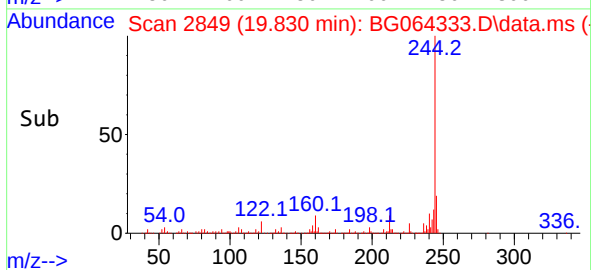
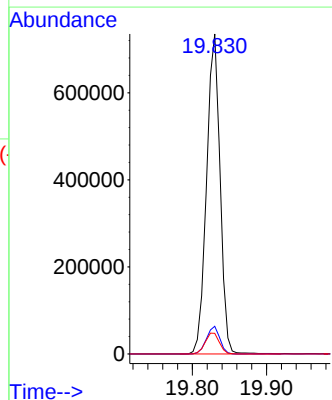
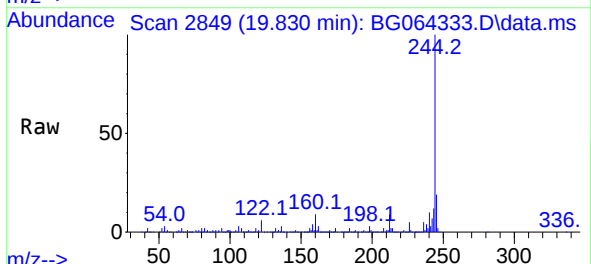
Instrument :
BNA_G
ClientSampleId :

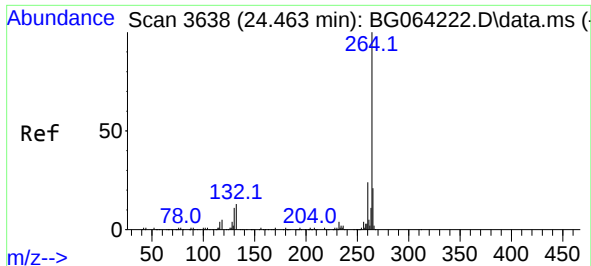
Tgt Ion:184 Resp: 19079
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 7.8 9.7 14.5#



#79
Terphenyl-d14
Concen: 97.966 ng
RT: 19.830 min Scan# 2849
Delta R.T. -0.015 min
Lab File: BG064333.D
Acq: 10 Sep 2025 15:19

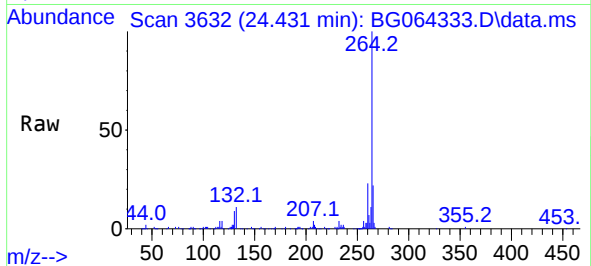
Tgt Ion:244 Resp: 929615
Ion Ratio Lower Upper
244 100
212 8.6 6.6 10.0
122 6.5 7.0 10.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.431 min Scan# 30
 Delta R.T. -0.033 min
 Lab File: BG064333.D
 Acq: 10 Sep 2025 15:19

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 210591

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.9	16.7	25.1

