

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064314.D
 Acq On : 8 Sep 2025 19:44
 Operator : RC/JU
 Sample : Q3023-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 09 01:32:30 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)

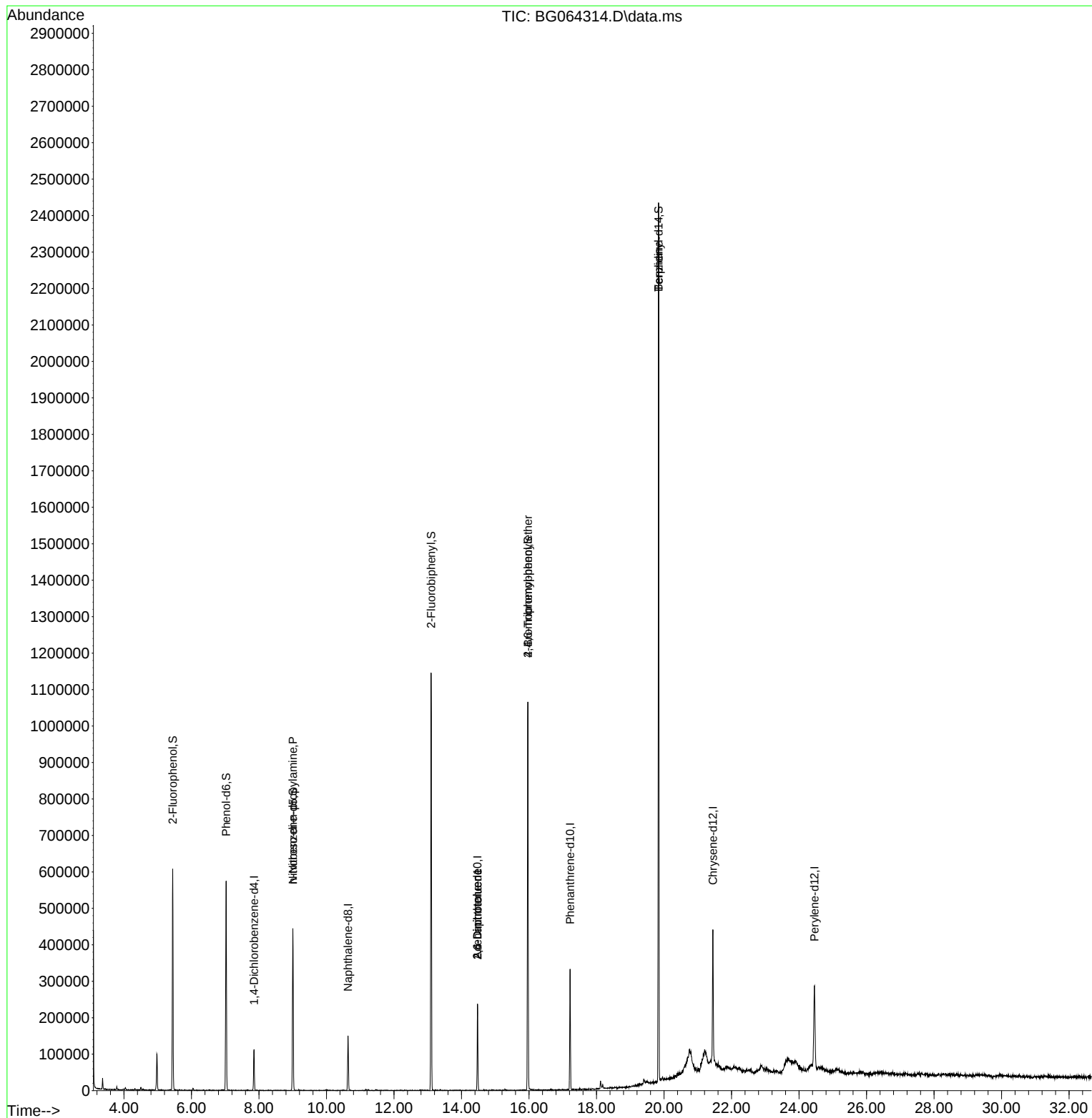
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	26525	20.000	ng	0.00
21) Naphthalene-d8	10.637	136	110588	20.000	ng	#-0.01
39) Acenaphthene-d10	14.473	164	80679	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	188097	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	201519	20.000	ng	# 0.00
86) Perylene-d12	24.456	264	228178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	214527	145.101	ng	0.00
7) Phenol-d6	7.023	99	255820	125.948	ng	0.00
23) Nitrobenzene-d5	9.003	82	224883	113.410	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	205459	192.264	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	554690	104.941	ng	-0.01
79) Terphenyl-d14	19.838	244	1104294	114.329	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.003	70	33866	21.786	ng	# 72
51) 2,6-Dinitrotoluene	14.473	165	10773	9.112	ng	# 16
57) 2,4-Dinitrotoluene	14.473	165	10773	6.027	ng	# 19
67) 4-Bromophenyl-phenylether	15.966	248	14534	7.275	ng	# 1
77) Benzidine	19.838	184	22562	5.322	ng	# 91

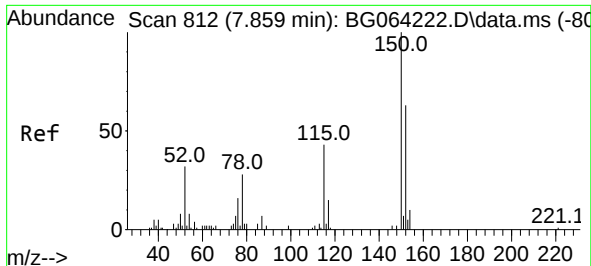
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Sep 09 01:32:30 2025
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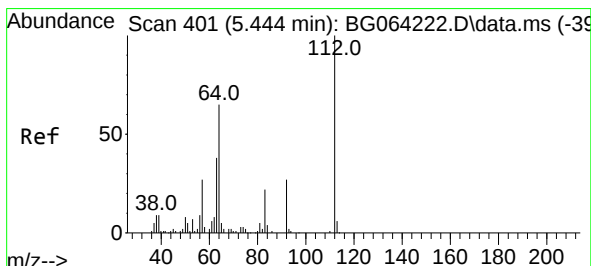
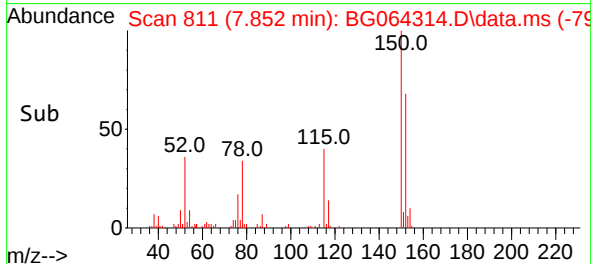
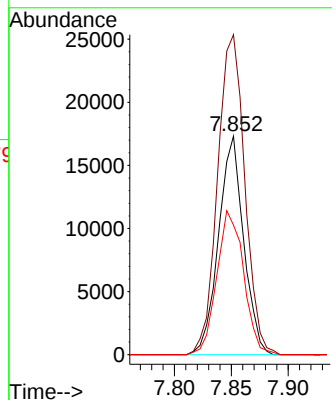
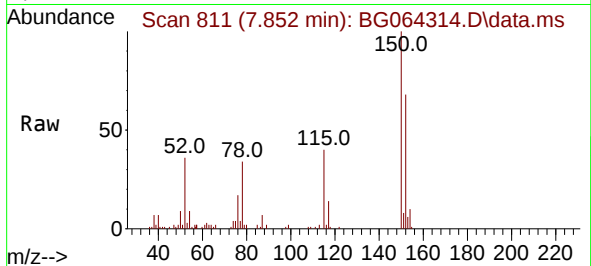




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 812
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

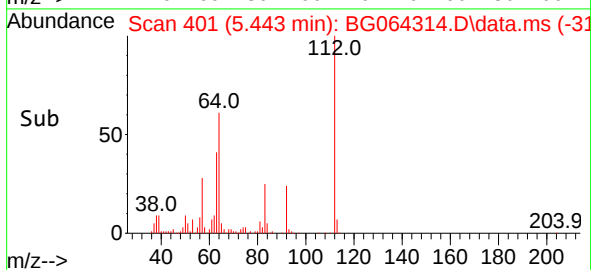
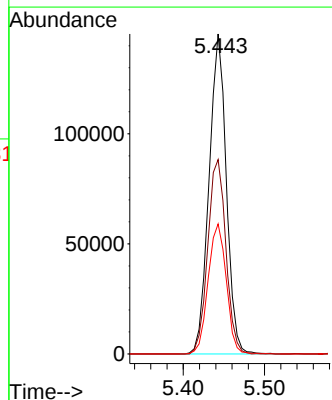
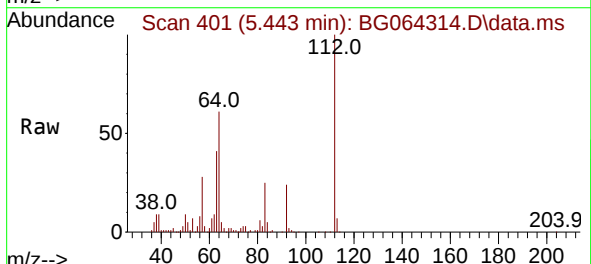
Instrument :
BNA_G
ClientSampleId :

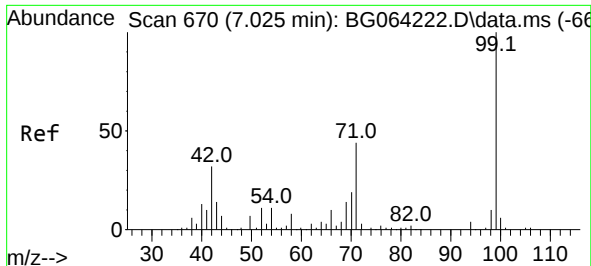
Tgt Ion:152 Resp: 26525
Ion Ratio Lower Upper
152 100
150 146.4 128.0 192.0
115 59.3 55.7 83.5



#5
2-Fluorophenol
Concen: 145.101 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.001 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

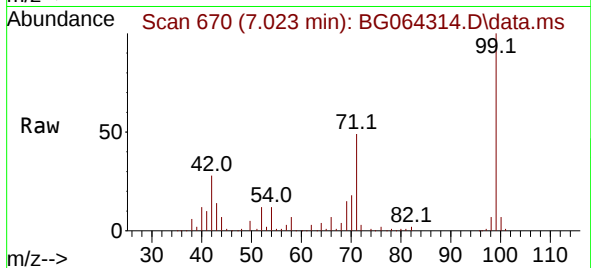
Tgt Ion:112 Resp: 214527
Ion Ratio Lower Upper
112 100
64 60.7 51.8 77.6
63 40.7 30.6 45.8



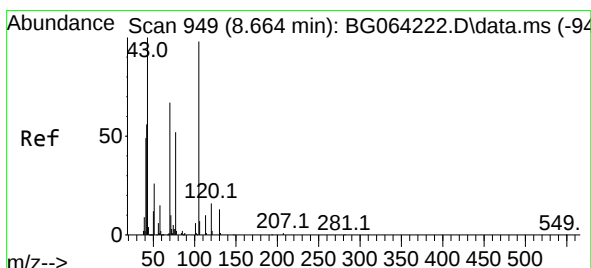
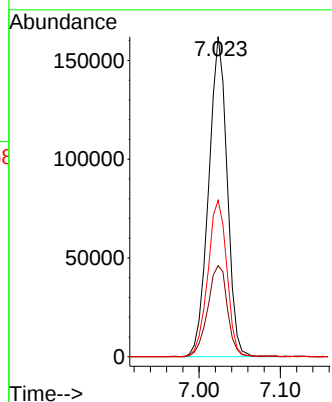
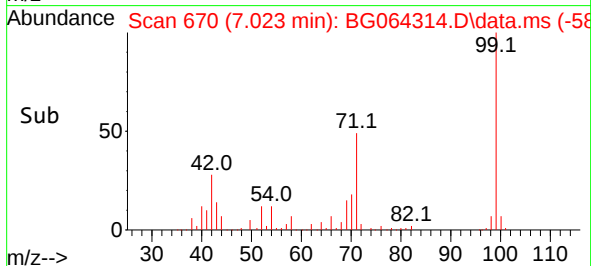


#7
Phenol-d6
Concen: 125.948 ng
RT: 7.023 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

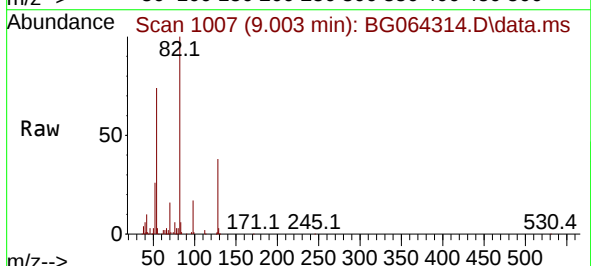
Instrument :
BNA_G
ClientSampleId :



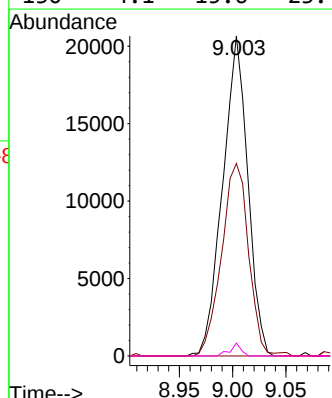
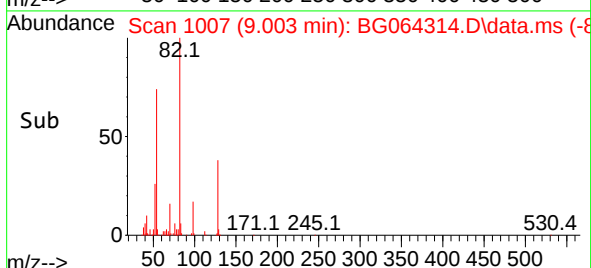
Tgt Ion: 99 Resp: 255820
Ion Ratio Lower Upper
99 100
42 28.4 25.8 38.8
71 48.9 35.2 52.8

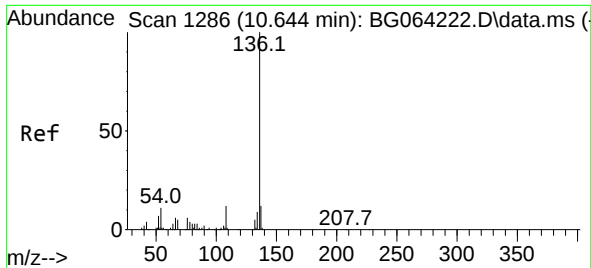


#19
n-Nitroso-di-n-propylamine
Concen: 21.786 ng
RT: 9.003 min Scan# 1007
Delta R.T. 0.339 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44



Tgt Ion: 70 Resp: 33866
Ion Ratio Lower Upper
70 100
42 60.1 67.9 101.9#
101 0.0 7.3 10.9#
130 4.1 15.6 23.4#

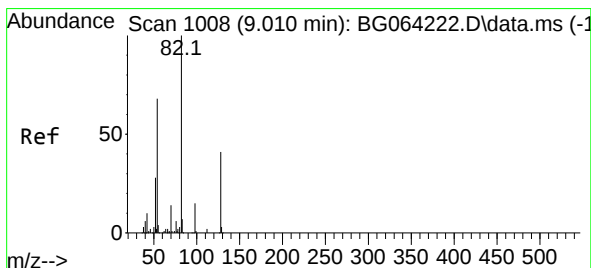
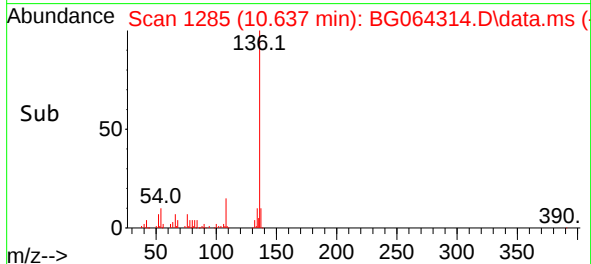
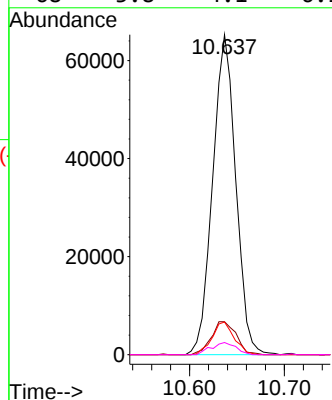
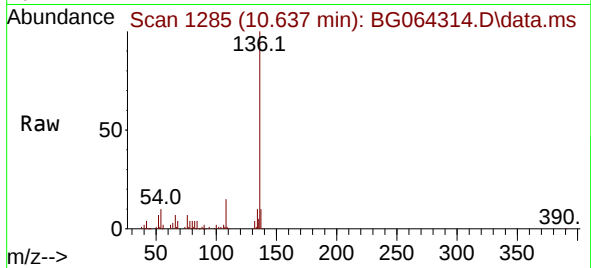




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1105
Delta R.T. -0.013 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

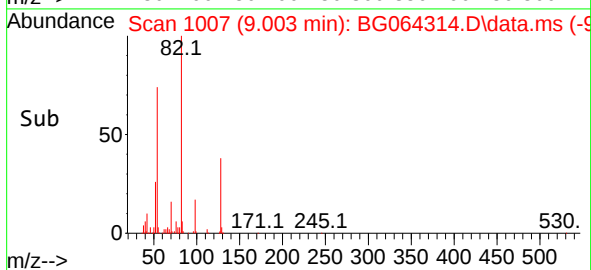
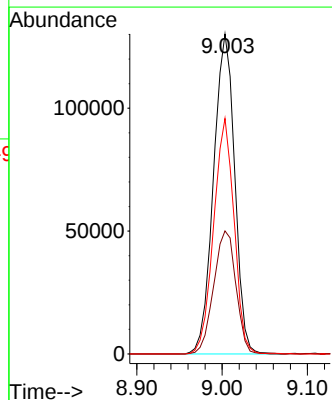
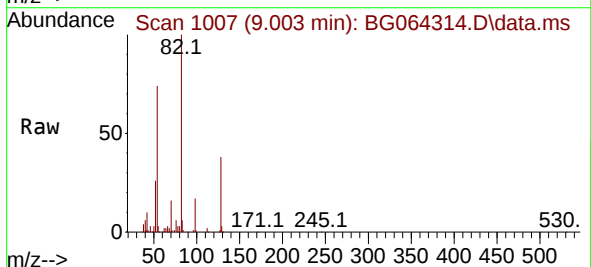
Instrument :
BNA_G
ClientSampleId :

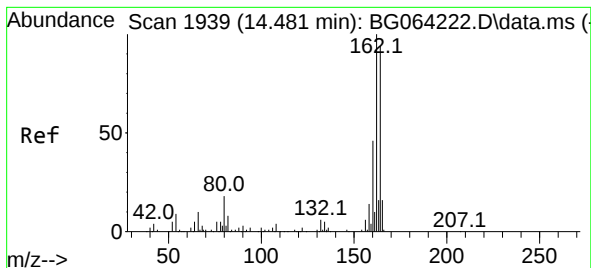
Tgt Ion:	136	Resp:	110588
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	10.2	8.8	13.2
68	3.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 113.410 ng
RT: 9.003 min Scan# 1007
Delta R.T. -0.013 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:	82	Resp:	224883
Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.6	48.8
54	73.6	54.7	82.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.473 min Scan# 1938

Delta R.T. -0.008 min

Lab File: BG064314.D

Acq: 8 Sep 2025 19:44

Instrument :

BNA_G

ClientSampleId :

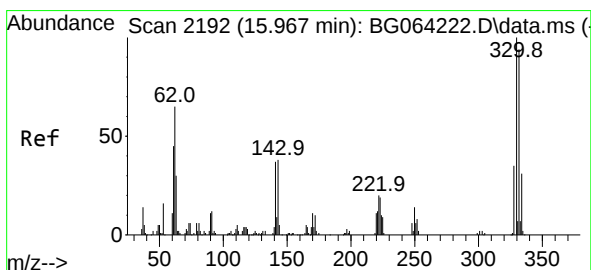
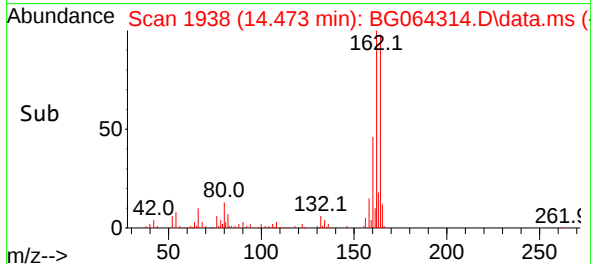
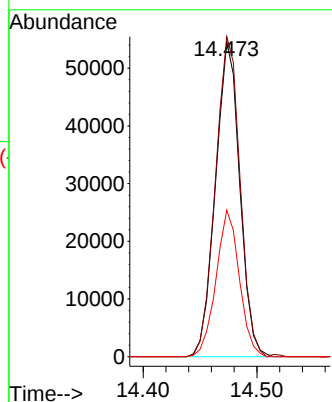
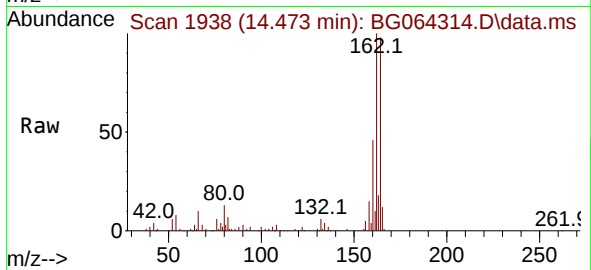
Tgt Ion:164 Resp: 80679

Ion Ratio Lower Upper

164 100

162 101.5 85.4 128.0

160 46.5 39.2 58.8



#42

2,4,6-Tribromophenol

Concen: 192.264 ng

RT: 15.966 min Scan# 2192

Delta R.T. -0.007 min

Lab File: BG064314.D

Acq: 8 Sep 2025 19:44

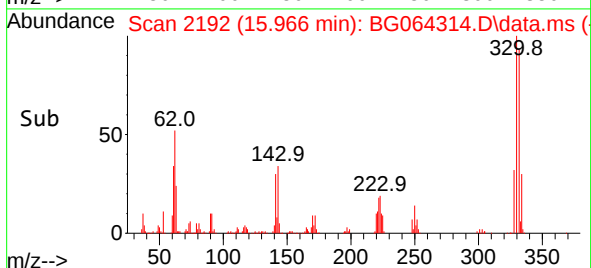
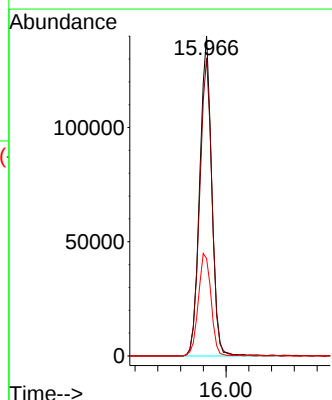
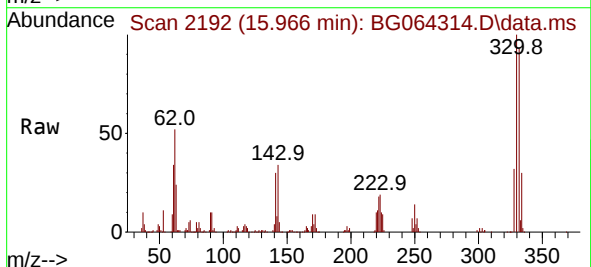
Tgt Ion:330 Resp: 205459

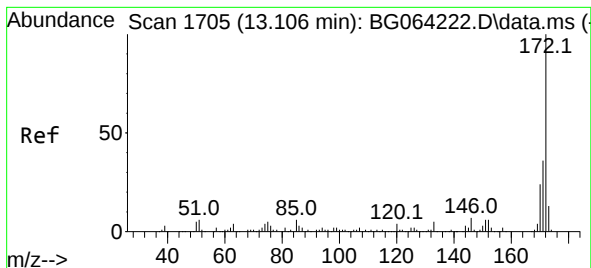
Ion Ratio Lower Upper

330 100

332 94.5 77.6 116.4

141 33.8 29.8 44.6





#45

2-Fluorobiphenyl

Concen: 104.941 ng

RT: 13.099 min Scan# 1

Delta R.T. -0.013 min

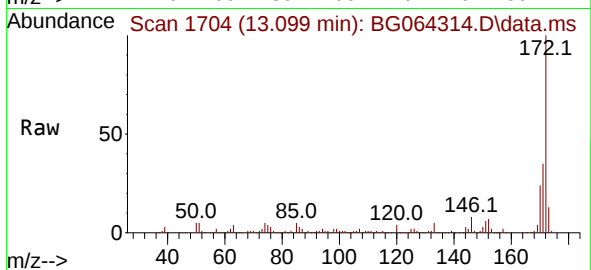
Lab File: BG064314.D

Acq: 8 Sep 2025 19:44

Instrument :

BNA_G

ClientSampleId :



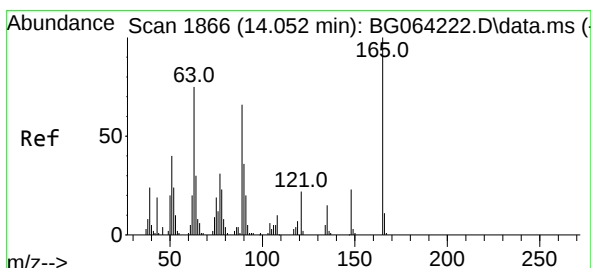
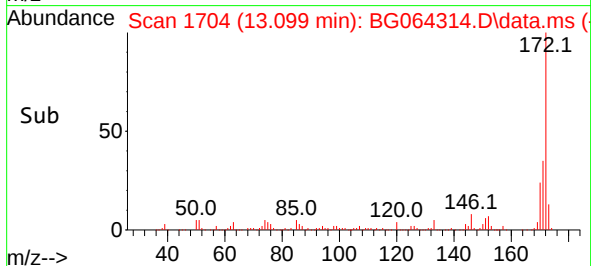
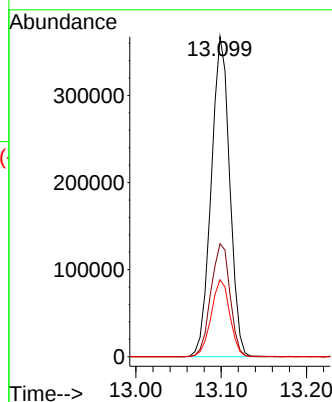
Tgt Ion:172 Resp: 554690

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.112 ng

RT: 14.473 min Scan# 1938

Delta R.T. 0.416 min

Lab File: BG064314.D

Acq: 8 Sep 2025 19:44

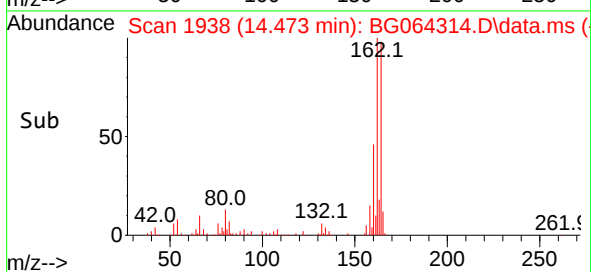
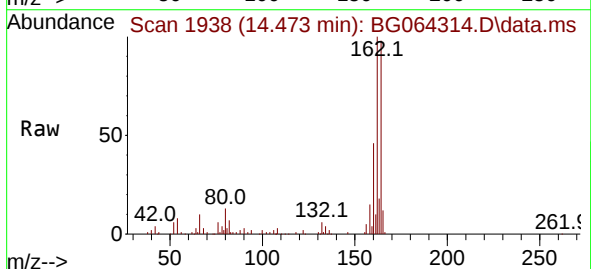
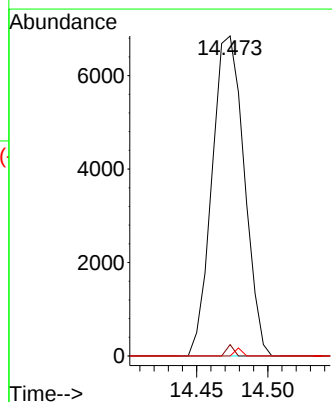
Tgt Ion:165 Resp: 10773

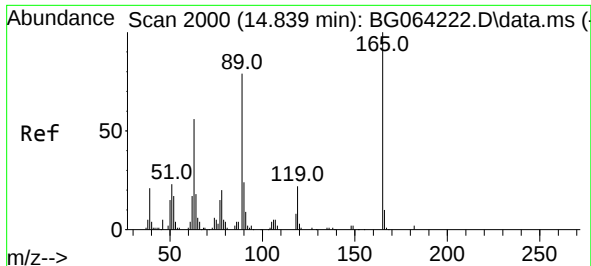
Ion Ratio Lower Upper

165 100

63 3.6 60.3 90.5#

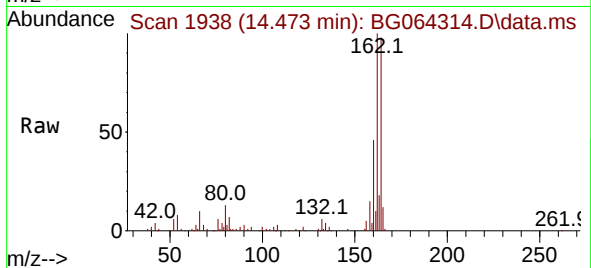
89 0.0 52.9 79.3#



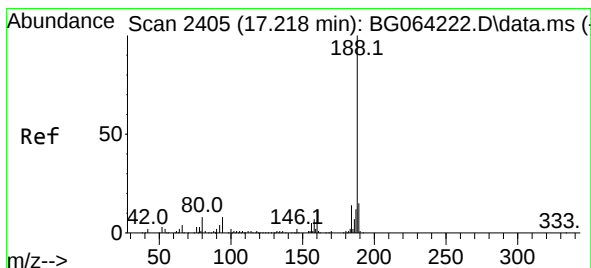
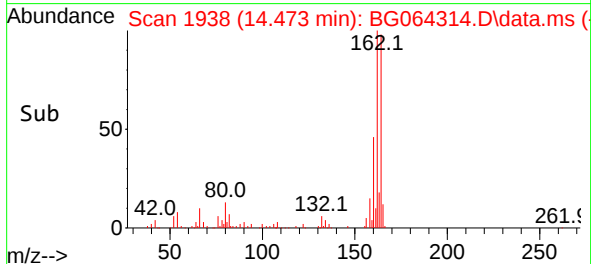
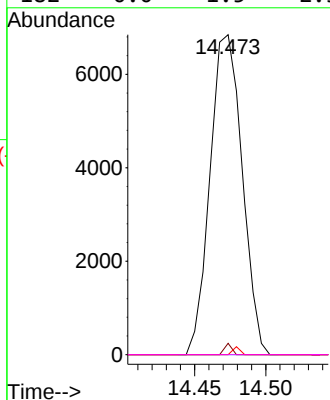


#57
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 14.473 min Scan# 1938
Delta R.T. -0.372 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :

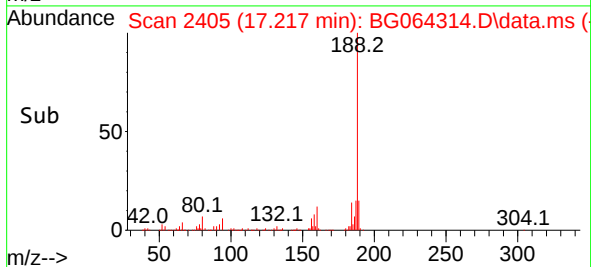
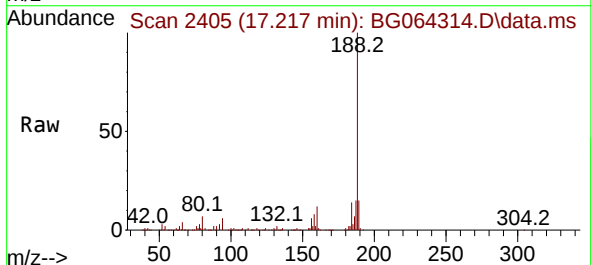
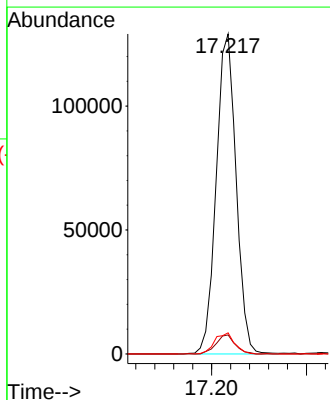


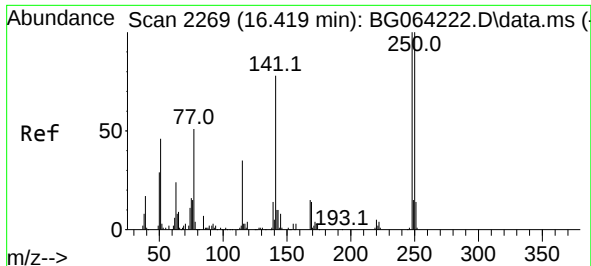
Tgt Ion:	165	Resp:	10773
Ion Ratio	Lower	Upper	
165	100		
63	3.6	44.6	67.0#
89	0.0	63.0	94.4#
182	0.0	1.5	2.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.217 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

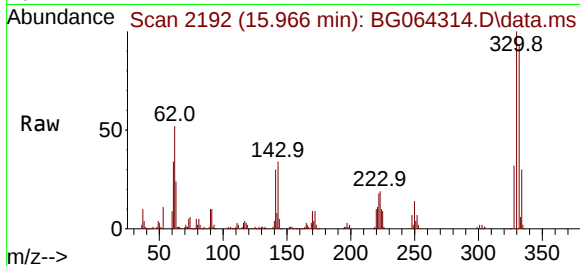
Tgt Ion:	188	Resp:	188097
Ion Ratio	Lower	Upper	
188	100		
94	5.9	6.2	9.4#
80	6.6	6.8	10.2#



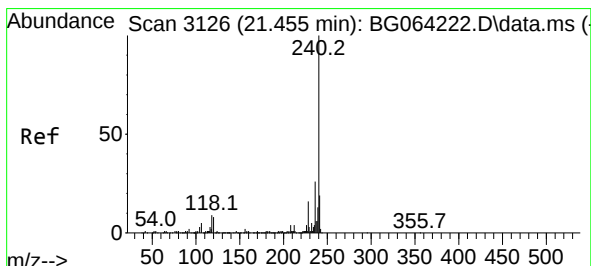
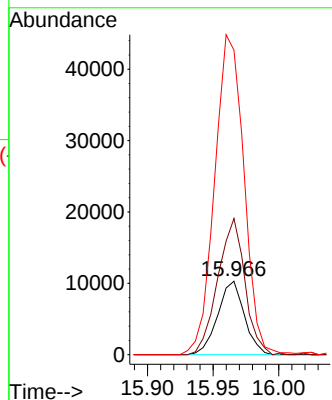
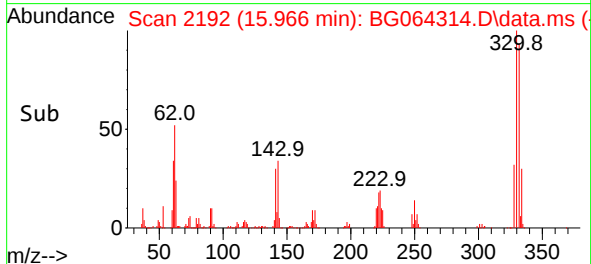


#67
4-Bromophenyl-phenylether
Concen: 7.275 ng
RT: 15.966 min Scan# 2119
Delta R.T. -0.454 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

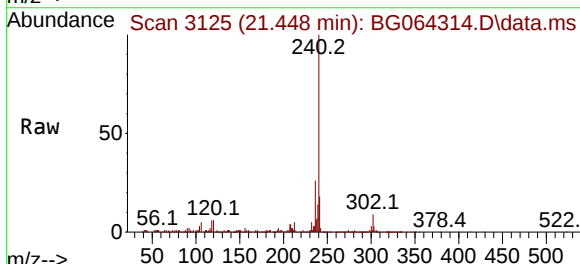
Instrument :
BNA_G
ClientSampleId :



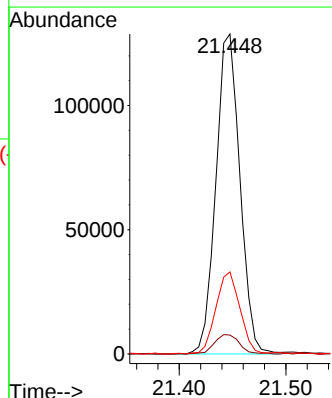
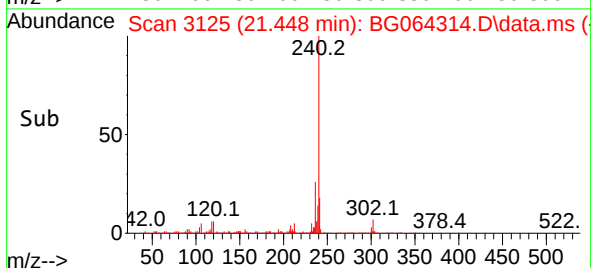
Tgt Ion:248 Resp: 14534
Ion Ratio Lower Upper
248 100
250 185.2 80.2 120.4#
141 414.3 62.4 93.6#

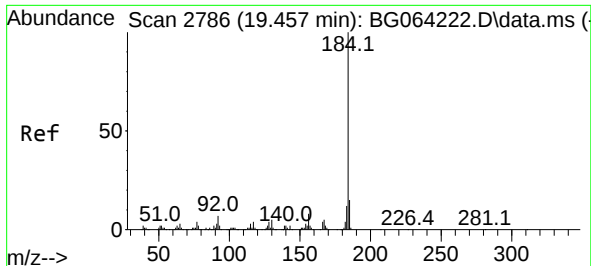


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44



Tgt Ion:240 Resp: 201519
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 25.7 20.5 30.7

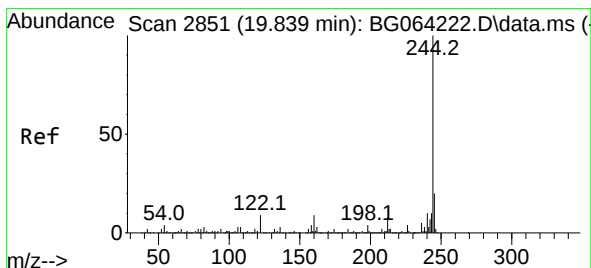
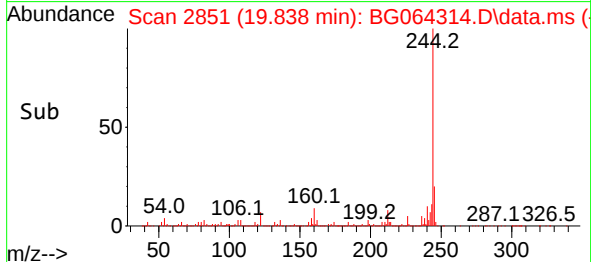
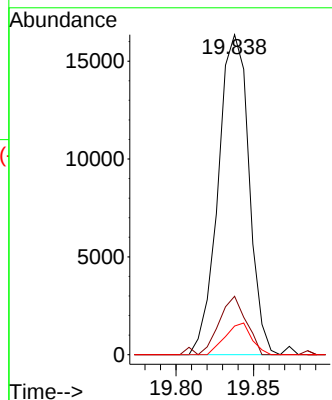
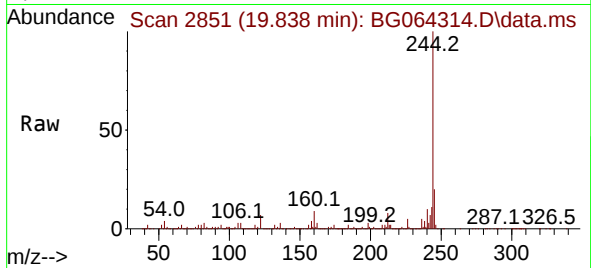




#77
Benzidine
Concen: 5.322 ng
RT: 19.838 min Scan# 2851
Delta R.T. 0.380 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

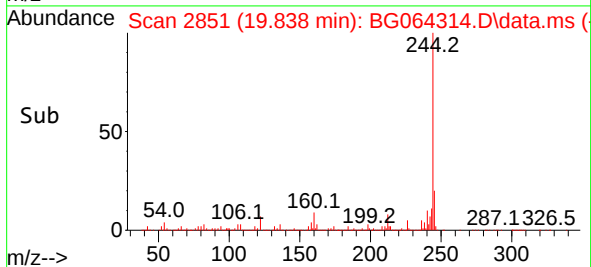
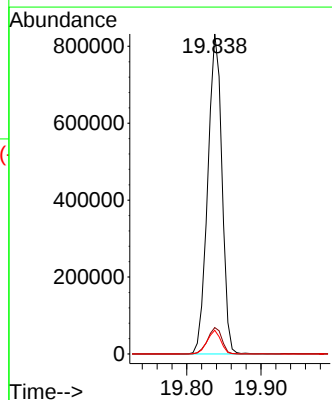
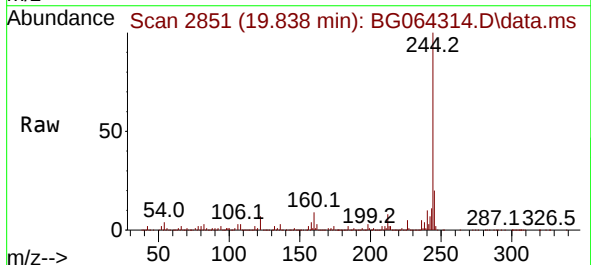
Instrument :
BNA_G
ClientSampleId :

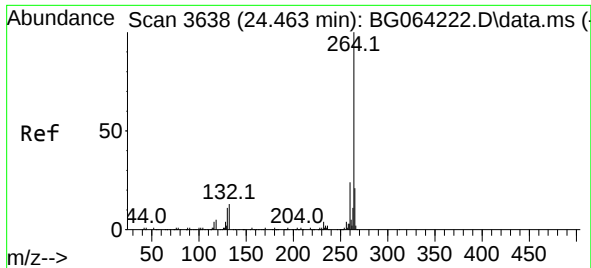
Tgt Ion:184 Resp: 22562
Ion Ratio Lower Upper
184 100
185 18.2 11.7 17.5#
183 8.9 9.7 14.5#



#79
Terphenyl-d14
Concen: 114.329 ng
RT: 19.838 min Scan# 2851
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

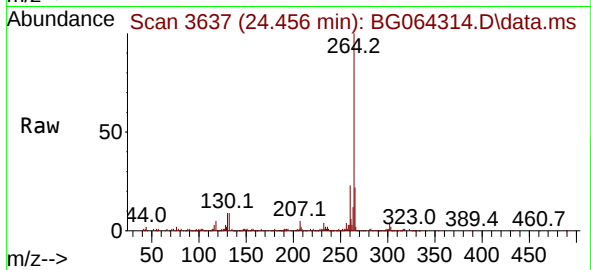
Tgt Ion:244 Resp: 1104294
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 7.4 7.0 10.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.456 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG064314.D
 Acq: 8 Sep 2025 19:44

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 228178
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.9 16.7 25.1

