

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064525.D
 Acq On : 16 Oct 2025 21:03
 Operator : RC/JU
 Sample : Q3354-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HT1403

Quant Time: Oct 16 22:00:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

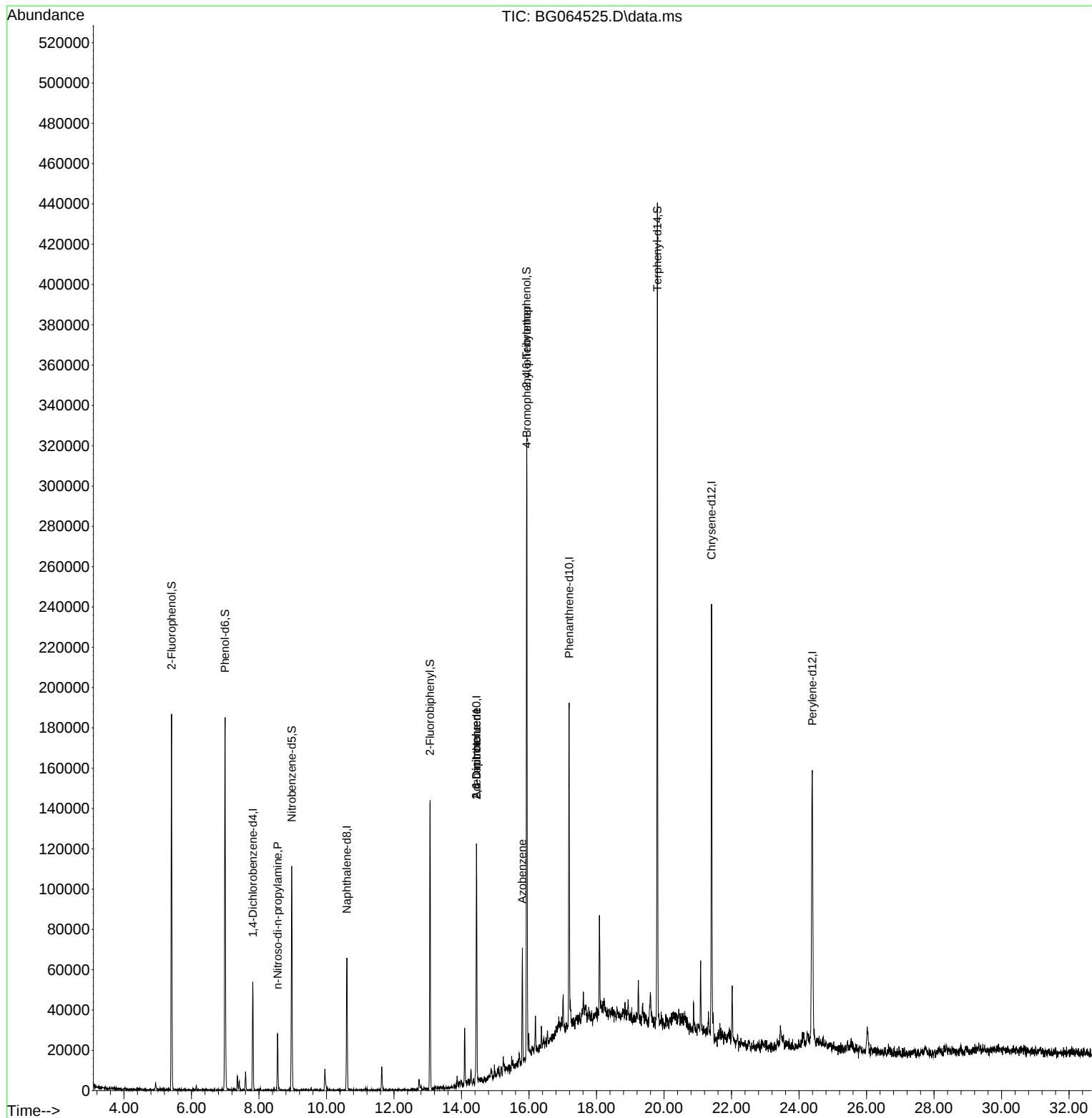
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	13143	20.000	ng	0.00
21) Naphthalene-d8	10.602	136	54287	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	41143	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	96485	20.000	ng	0.00
76) Chrysene-d12	21.407	240	124209	20.000	ng	0.00
86) Perylene-d12	24.392	264	142646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	67739	95.384	ng	0.00
7) Phenol-d6	6.995	99	86444	90.579	ng	0.00
23) Nitrobenzene-d5	8.969	82	56154	55.619	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	63452	85.082	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	69965	25.066	ng	0.00
79) Terphenyl-d14	19.803	244	171699	26.161	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.552	70	2585	4.050	ng	# 51
51) 2,6-Dinitrotoluene	14.445	165	5591	8.329	ng	# 16
57) 2,4-Dinitrotoluene	14.445	165	5591	5.449	ng	# 26
63) Azobenzene	15.802	77	15839	5.916	ng	# 14
67) 4-Bromophenyl-phenylether	15.937	248	4698	4.138	ng	# 1

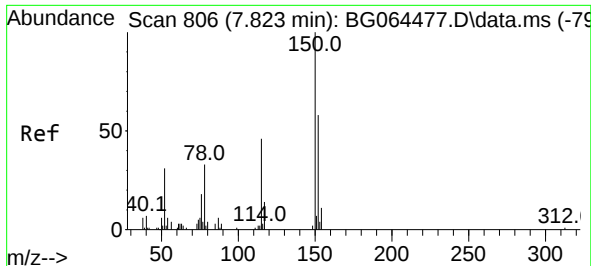
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
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Misc :
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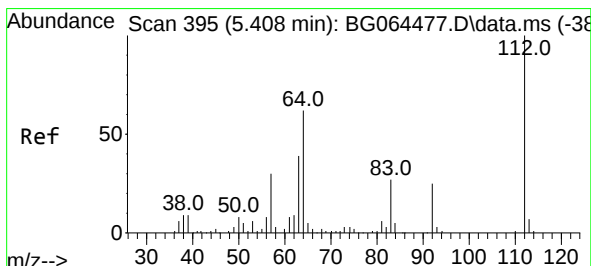
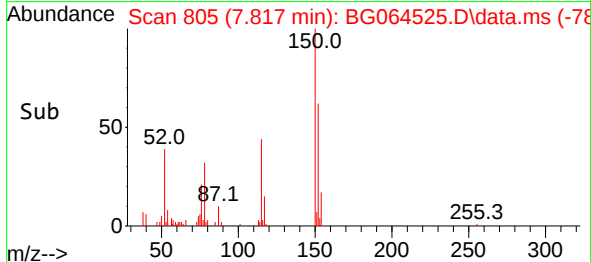
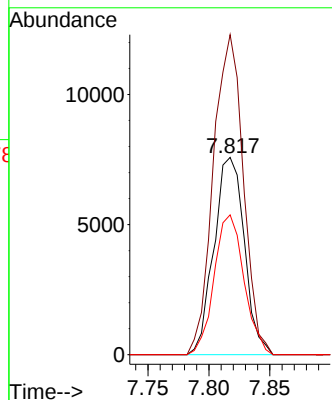
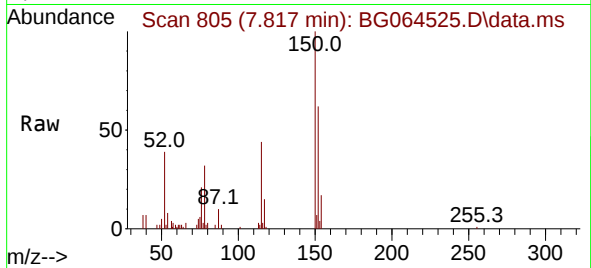




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

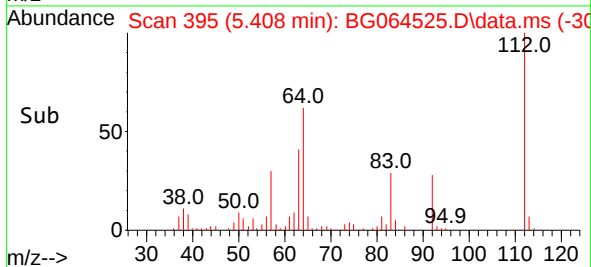
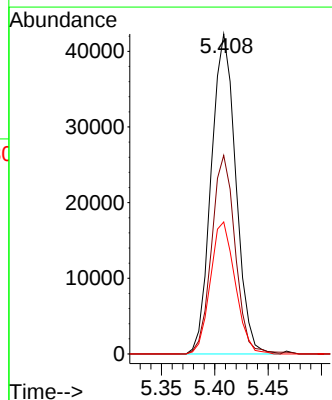
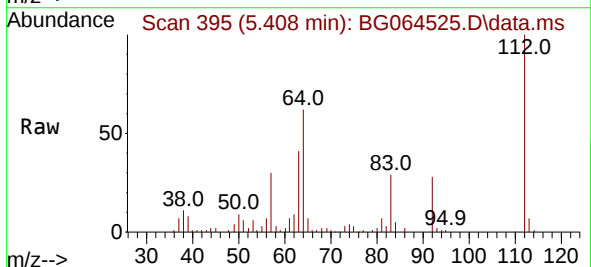
Instrument :
BNA_G
ClientSampleId :
HT1403

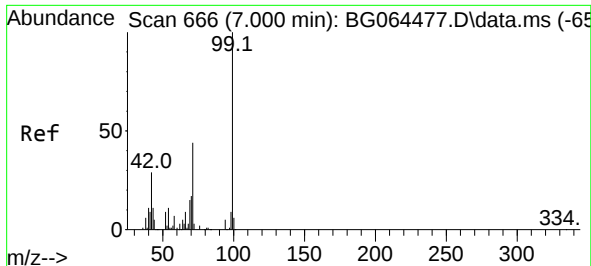
Tgt Ion:152 Resp: 13143
Ion Ratio Lower Upper
152 100
150 162.2 138.6 207.8
115 70.9 63.4 95.2



#5
2-Fluorophenol
Concen: 95.384 ng
RT: 5.408 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion:112 Resp: 67739
Ion Ratio Lower Upper
112 100
64 62.1 49.8 74.8
63 41.3 31.3 46.9

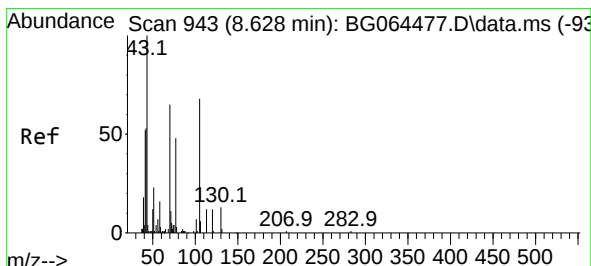
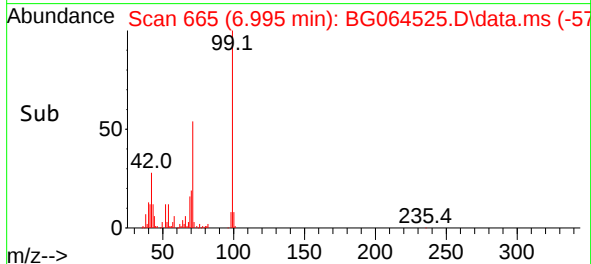
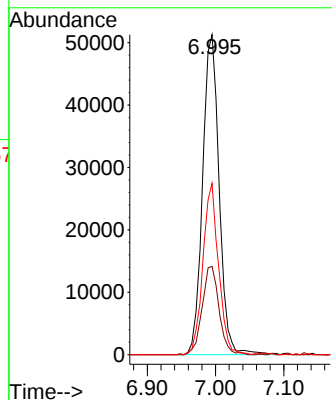
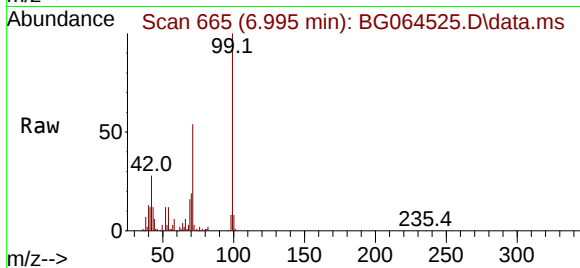




#7
Phenol-d6
Concen: 90.579 ng
RT: 6.995 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

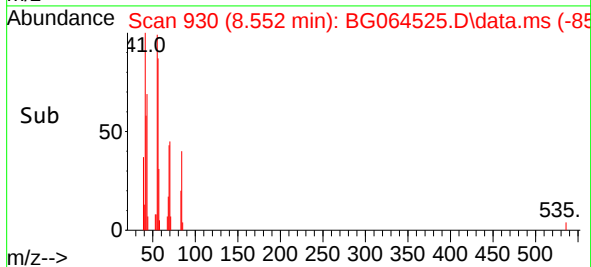
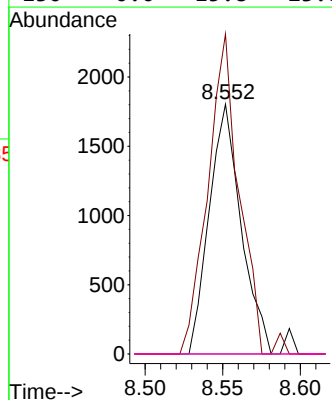
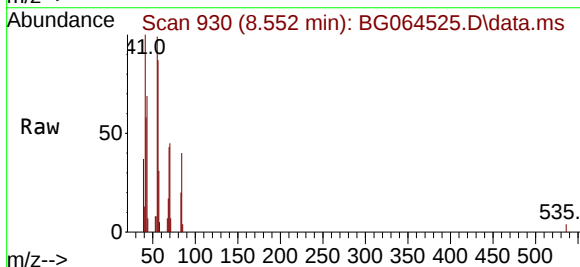
Instrument :
BNA_G
ClientSampleId :
HT1403

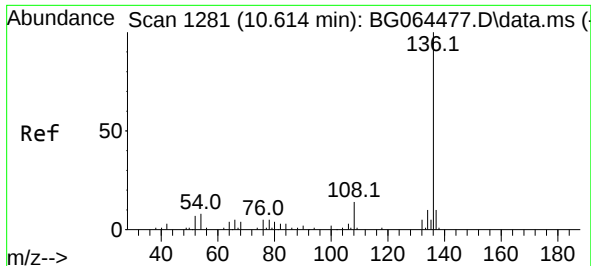
Tgt Ion: 99 Resp: 86444
Ion Ratio Lower Upper
99 100
42 27.6 22.9 34.3
71 53.5 35.4 53.2#



#19
n-Nitroso-di-n-propylamine
Concen: 4.050 ng
RT: 8.552 min Scan# 930
Delta R.T. -0.062 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion: 70 Resp: 2585
Ion Ratio Lower Upper
70 100
42 128.1 64.9 97.3#
101 0.0 8.7 13.1#
130 0.0 15.8 23.8#

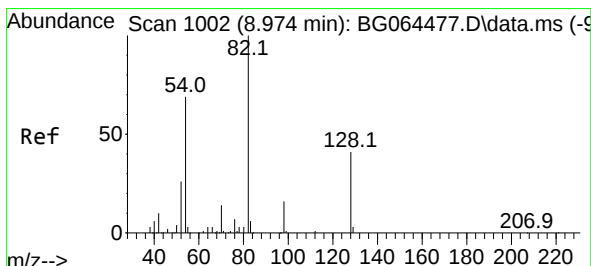
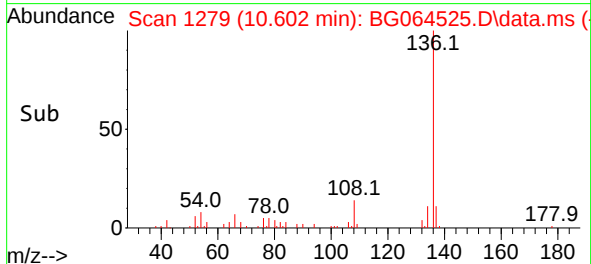
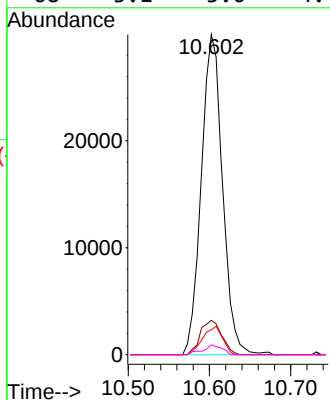
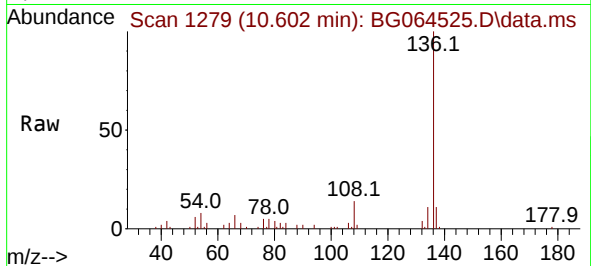




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

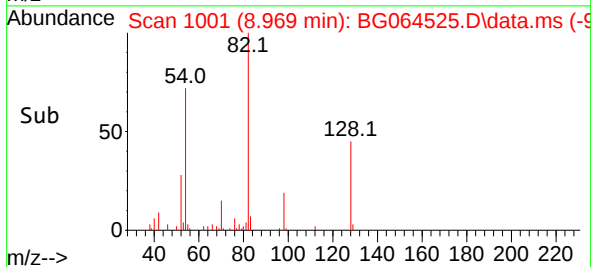
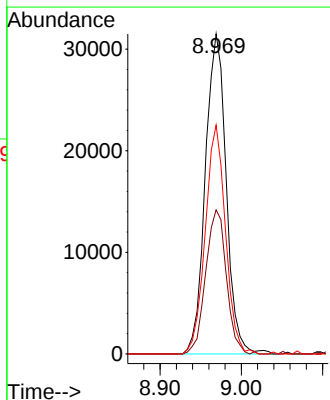
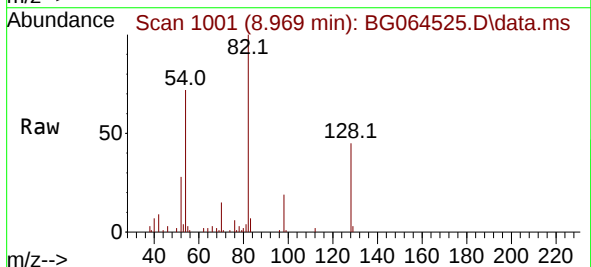
Instrument :
BNA_G
ClientSampleId :
HT1403

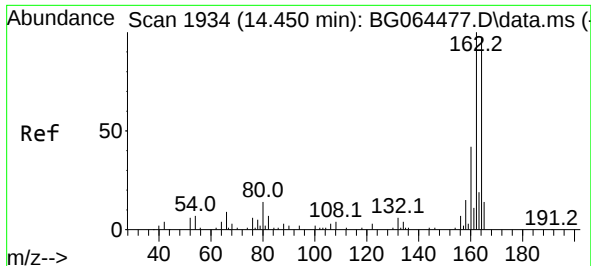
Tgt Ion:	136	Resp:	54287
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	7.8	6.2	9.4
68	3.1	3.0	4.4



#23
Nitrobenzene-d5
Concen: 55.619 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion:	82	Resp:	56154
Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.1	49.7
54	71.5	55.4	83.2

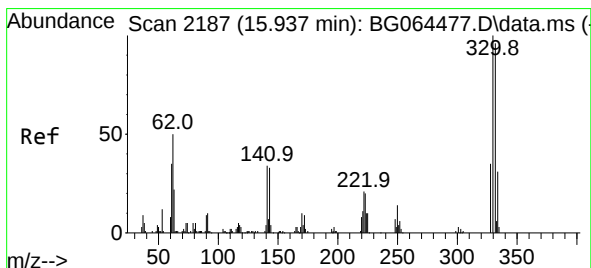
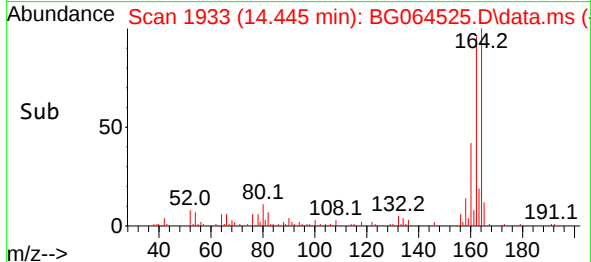
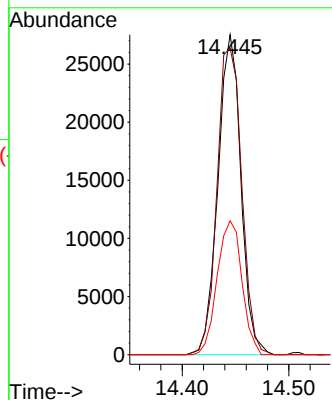
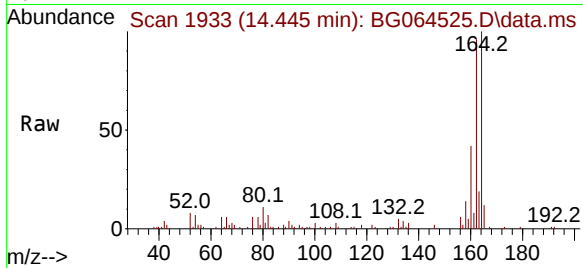




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

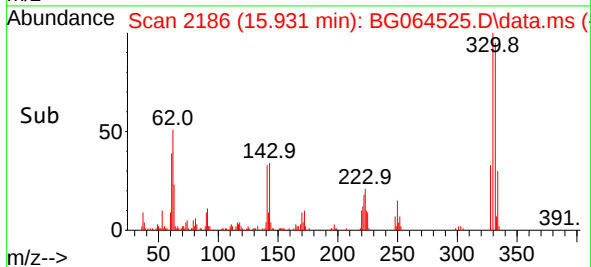
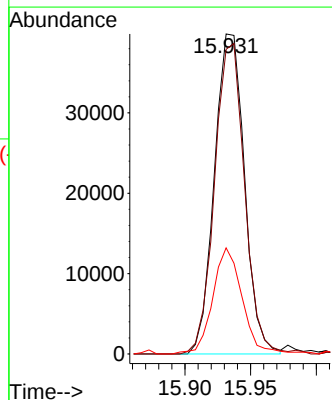
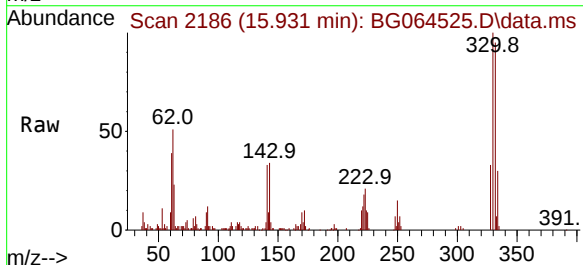
Instrument :
BNA_G
ClientSampleId :
HT1403

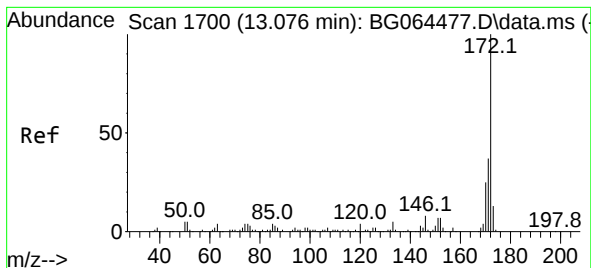
Tgt Ion:164 Resp: 41143
Ion Ratio Lower Upper
164 100
162 95.8 82.2 123.2
160 41.9 34.3 51.5



#42
2,4,6-Tribromophenol
Concen: 85.082 ng
RT: 15.931 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion:330 Resp: 63452
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 32.6 25.8 38.6

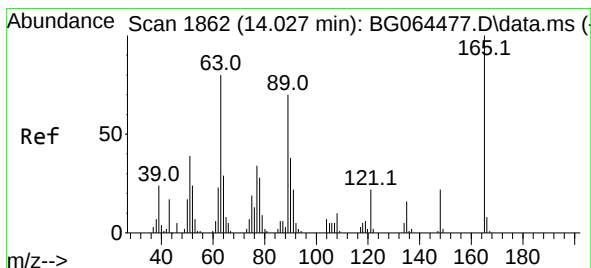
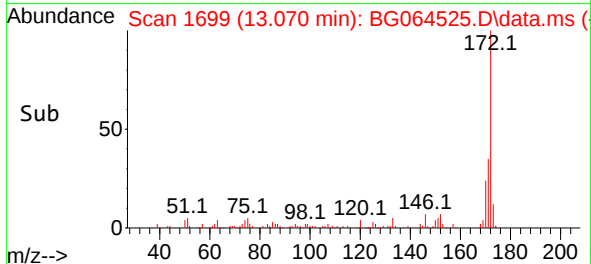
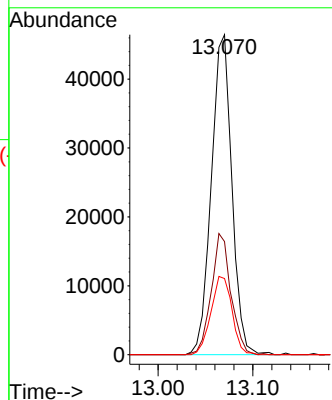
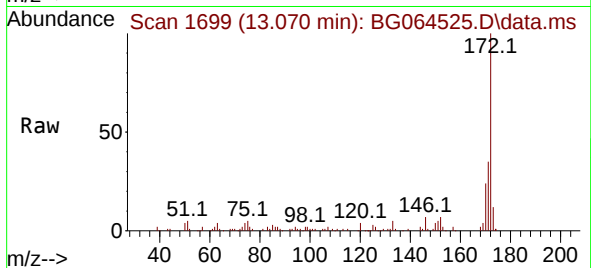




#45
2-Fluorobiphenyl
Concen: 25.066 ng
RT: 13.070 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

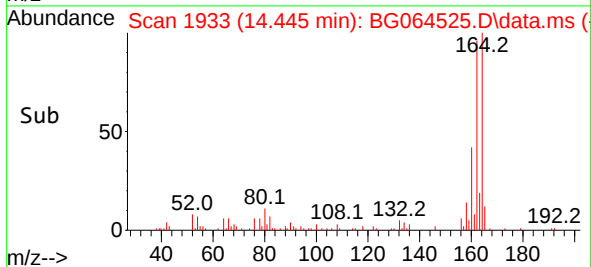
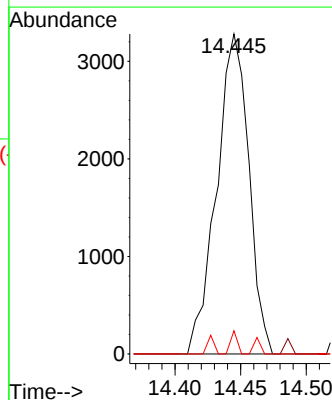
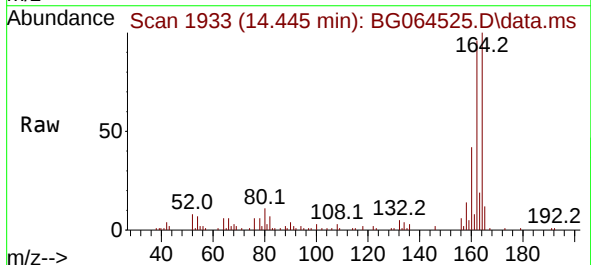
Instrument :
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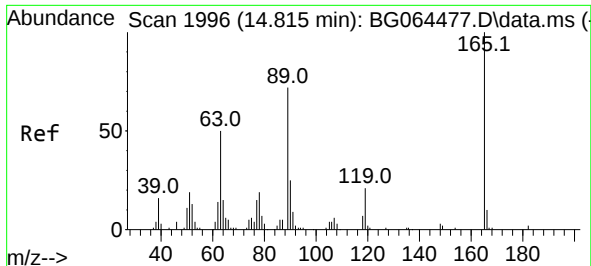
Tgt Ion:172 Resp: 69965
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.329 ng
RT: 14.445 min Scan# 1933
Delta R.T. 0.426 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion:165 Resp: 5591
Ion Ratio Lower Upper
165 100
63 0.0 63.9 95.9#
89 7.3 56.1 84.1#

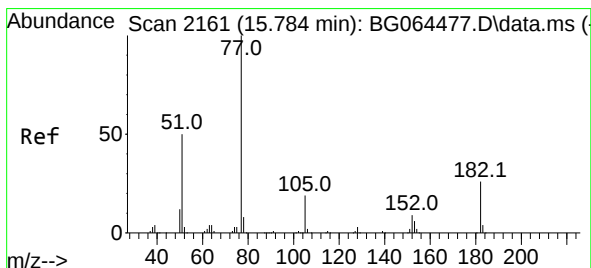
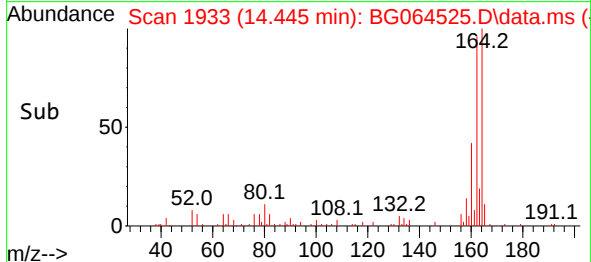
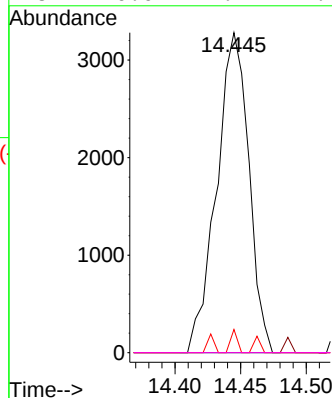
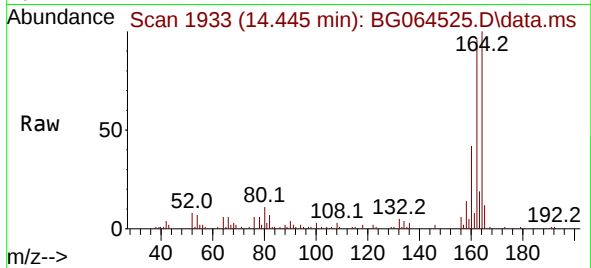




#57
2,4-Dinitrotoluene
Concen: 5.449 ng
RT: 14.445 min Scan# 1996
Delta R.T. -0.367 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

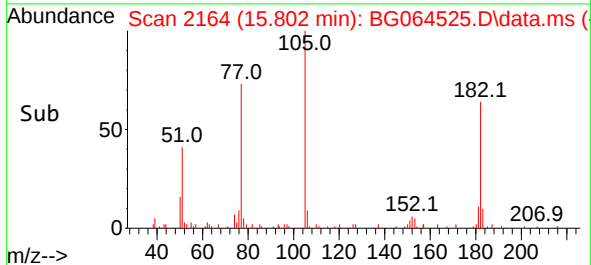
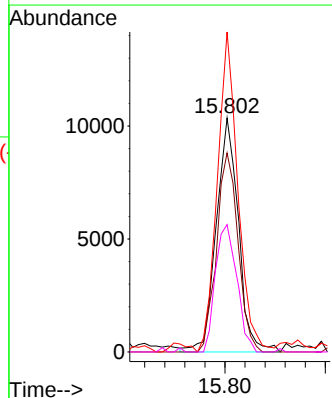
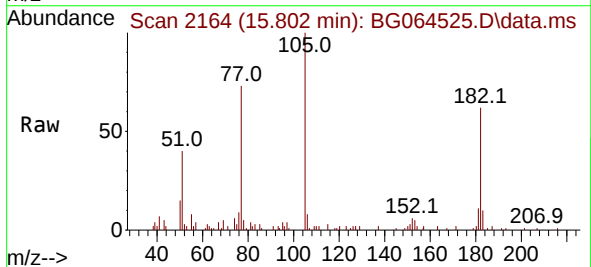
Instrument :
BNA_G
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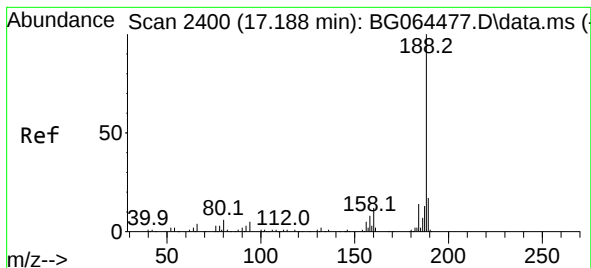
Tgt Ion:165 Resp: 5591
Ion Ratio Lower Upper
165 100
63 0.0 40.4 60.6#
89 7.3 57.3 85.9#
182 0.0 1.9 2.9#



#63
Azobenzene
Concen: 5.916 ng
RT: 15.802 min Scan# 2164
Delta R.T. 0.020 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion: 77 Resp: 15839
Ion Ratio Lower Upper
77 100
182 85.1 6.3 46.3#
105 136.8 0.0 38.7#
51 54.4 30.3 70.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BG064525.D

Acq: 16 Oct 2025 21:03

Instrument :

BNA_G

ClientSampleId :

HT1403

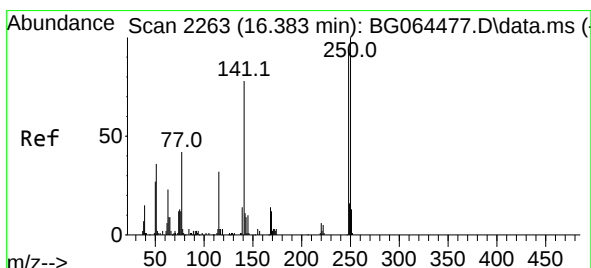
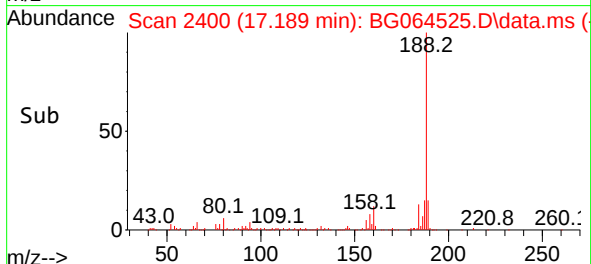
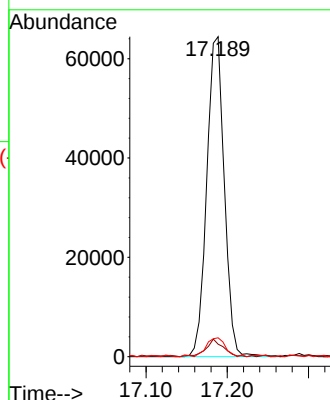
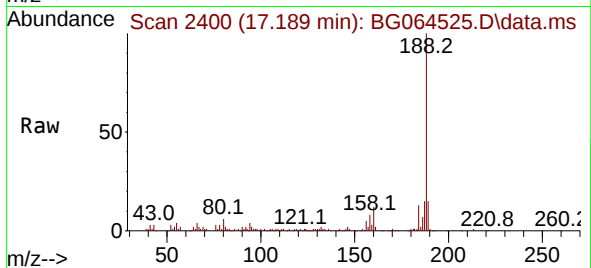
Tgt Ion:188 Resp: 96485

Ion Ratio Lower Upper

188 100

94 3.9 3.7 5.5

80 5.9 4.5 6.7



#67

4-Bromophenyl-phenylether

Concen: 4.138 ng

RT: 15.937 min Scan# 2187

Delta R.T. -0.444 min

Lab File: BG064525.D

Acq: 16 Oct 2025 21:03

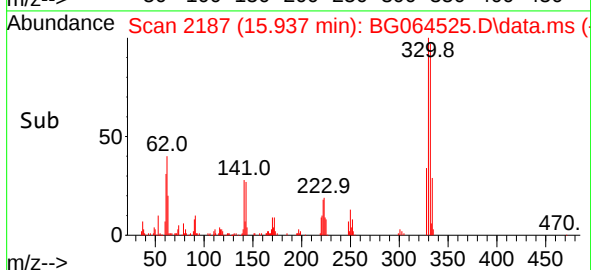
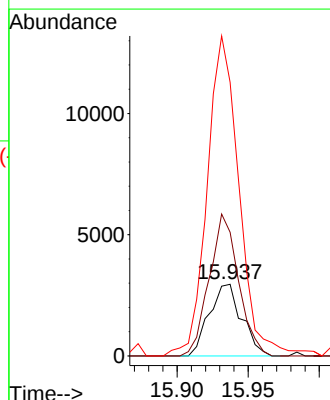
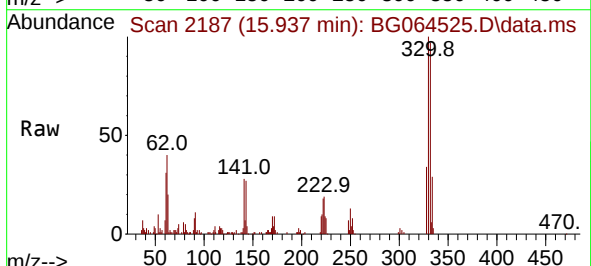
Tgt Ion:248 Resp: 4698

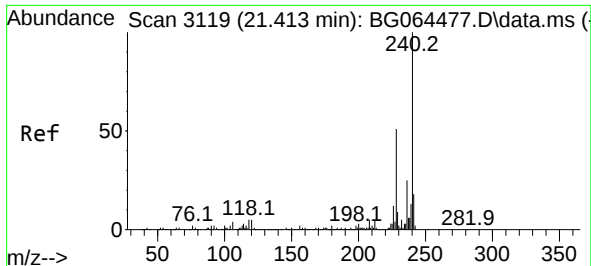
Ion Ratio Lower Upper

248 100

250 172.7 85.3 127.9#

141 381.9 66.2 99.2#

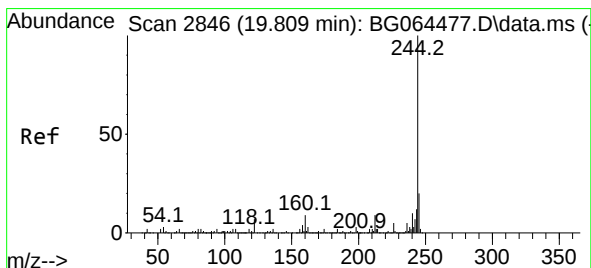
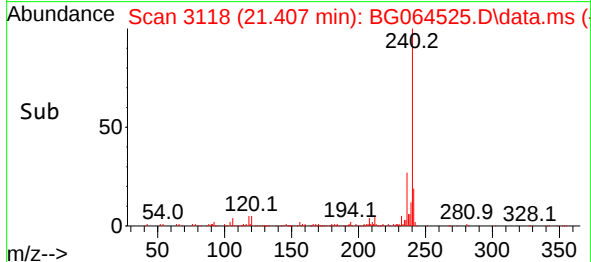
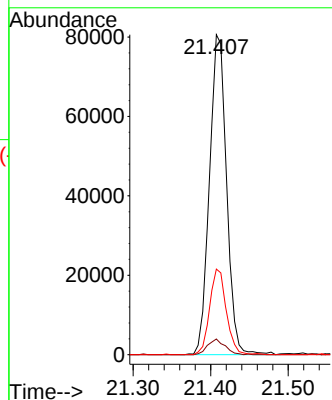
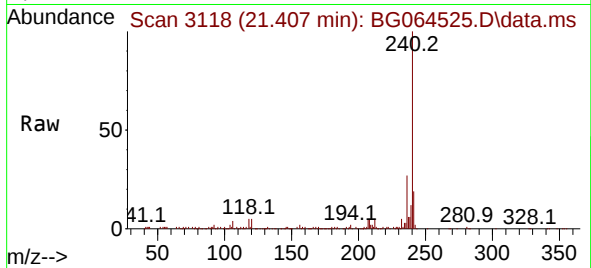




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.407 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

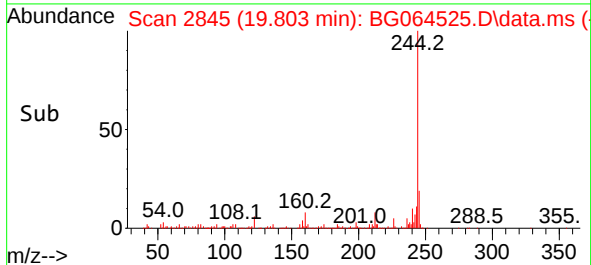
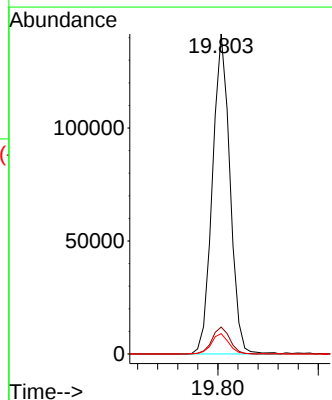
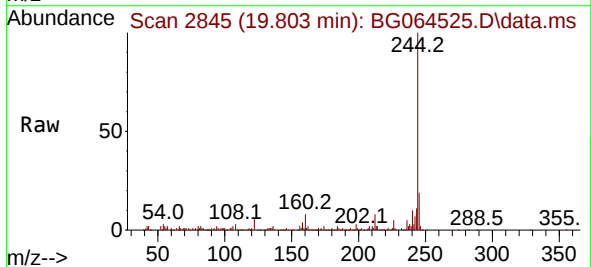
Instrument :
BNA_G
ClientSampleId :
HT1403

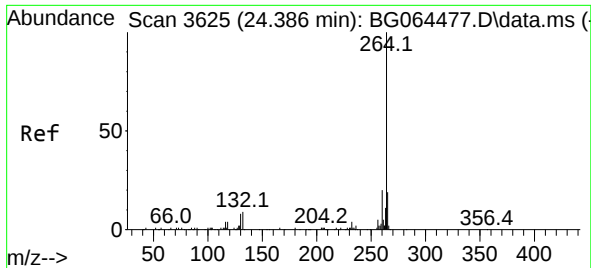
Tgt Ion:240 Resp: 124209
Ion Ratio Lower Upper
240 100
120 4.9 4.3 6.5
236 26.8 20.4 30.6



#79
Terphenyl-d14
Concen: 26.161 ng
RT: 19.803 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG064525.D
Acq: 16 Oct 2025 21:03

Tgt Ion:244 Resp: 171699
Ion Ratio Lower Upper
244 100
212 8.4 7.0 10.6
122 6.3 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.392 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG064525.D
 Acq: 16 Oct 2025 21:03

Instrument :
 BNA_G
 ClientSampleId :
 HT1403

Tgt Ion:264 Resp: 142646
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.2 24.4
 265 22.1 15.0 22.4

