

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064519.D
 Acq On : 16 Oct 2025 16:55
 Operator : RC/JU
 Sample : PB170081TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170081TB

Quant Time: Oct 16 17:58:02 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)

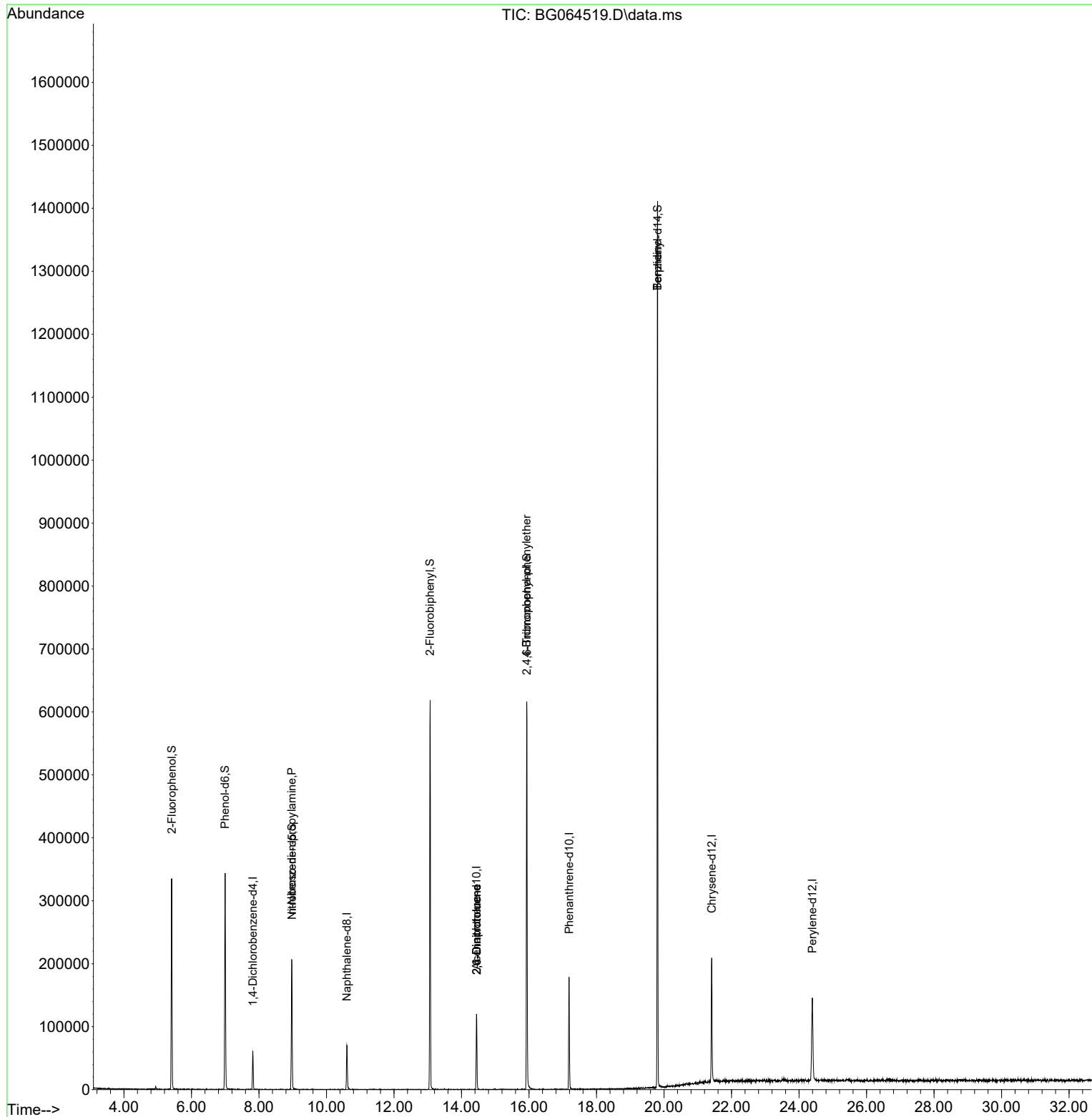
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	14723	20.00	ng	0.00
21) Naphthalene-d8	10.603	136	59880	20.00	ng	# 0.00
39) Acenaphthene-d10	14.446	164	45990	20.00	ng	0.00
64) Phenanthrene-d10	17.190	188	116607	20.00	ng	0.00
76) Chrysene-d12	21.414	240	125638	20.00	ng	0.00
86) Perylene-d12	24.393	264	139707	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	126821	159.41	ng	0.00
7) Phenol-d6	6.996	99	159232	148.94	ng	0.00
23) Nitrobenzene-d5	8.976	82	110012	98.79	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	125137	150.11	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	300605	96.35	ng	0.00
79) Terphenyl-d14	19.810	244	657873	99.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.970	70	15823	22.13	ng	# 71
51) 2,6-Dinitrotoluene	14.452	165	6158	8.21	ng	# 12
57) 2,4-Dinitrotoluene	14.452	165	6158	5.37	ng	# 21
67) 4-Bromophenyl-phenylether	15.932	248	8964	6.53	ng	# 1
77) Benzidine	19.804	184	12996	4.16	ng	# 90

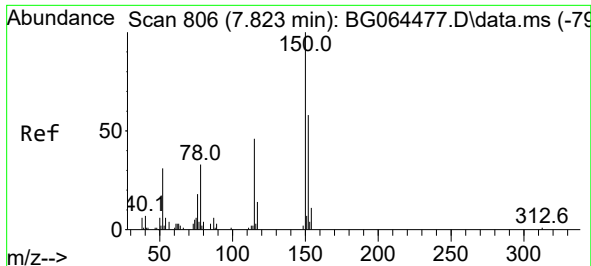
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064519.D
Acq On : 16 Oct 2025 16:55
Operator : RC/JU
Sample : PB170081TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170081TB

Quant Time: Oct 16 17:58:02 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

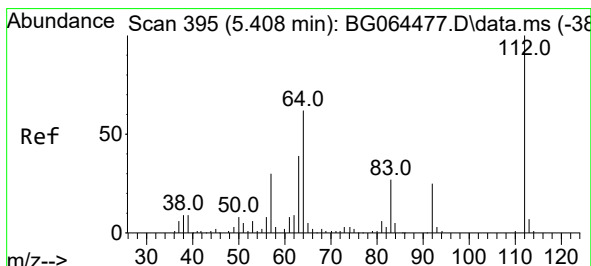
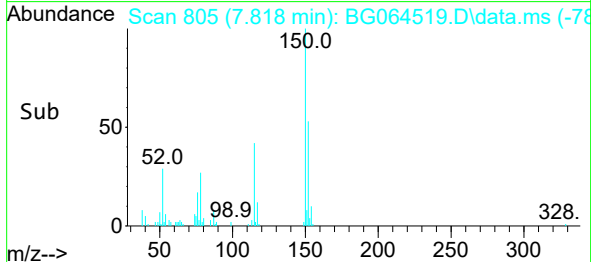
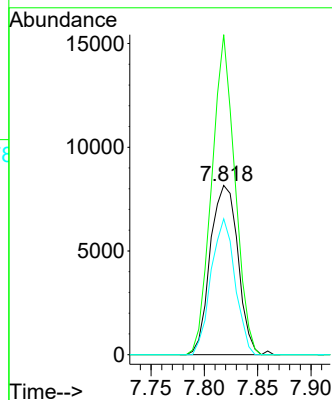
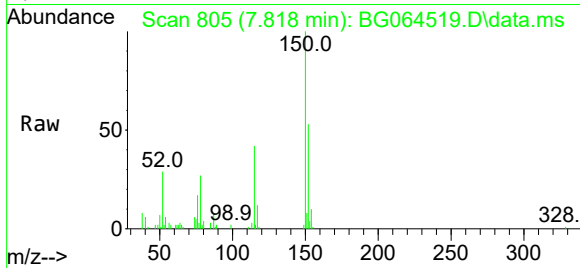




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.818 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

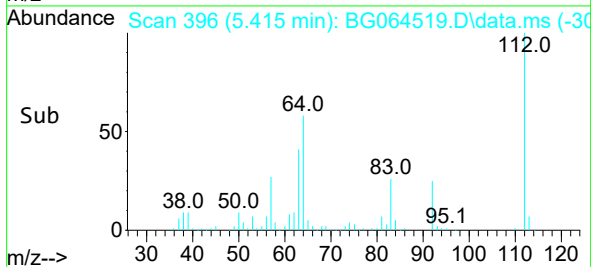
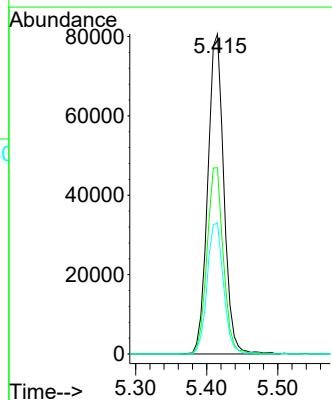
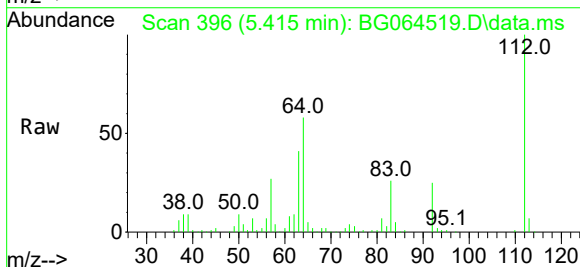
Instrument :
BNA_G
ClientSampleId :
PB170081TB

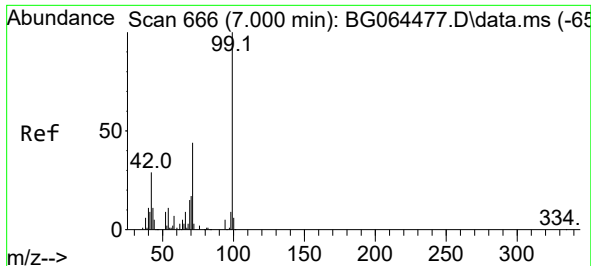
Tgt Ion:152 Resp: 14723
Ion Ratio Lower Upper
152 100
150 189.1 138.6 207.8
115 83.9 63.4 95.2



#5
2-Fluorophenol
Concen: 159.41 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion:112 Resp: 126821
Ion Ratio Lower Upper
112 100
64 58.2 49.8 74.8
63 41.0 31.3 46.9

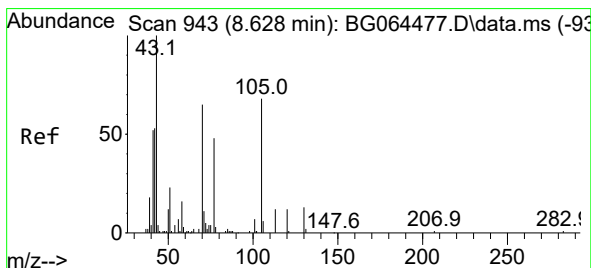
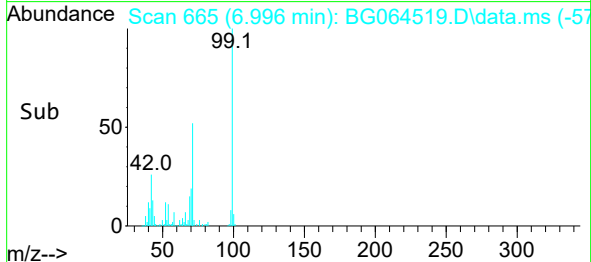
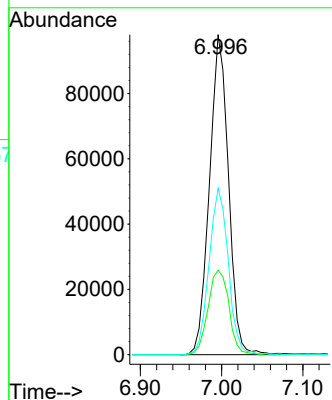
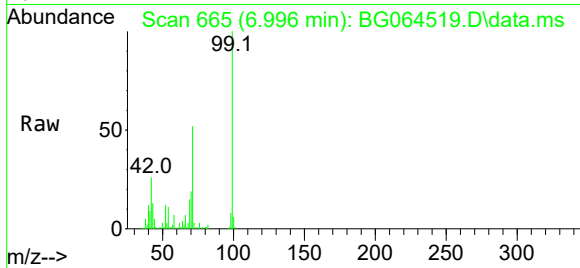




#7
Phenol-d6
Concen: 148.94 ng
RT: 6.996 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

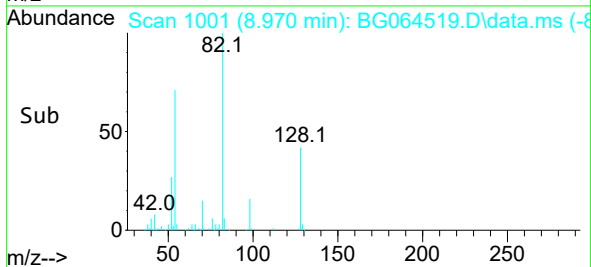
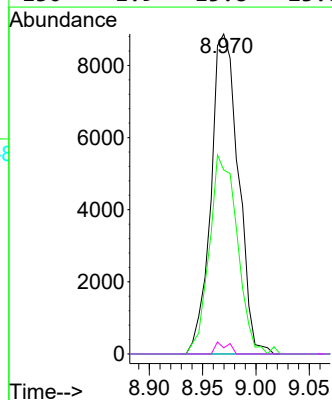
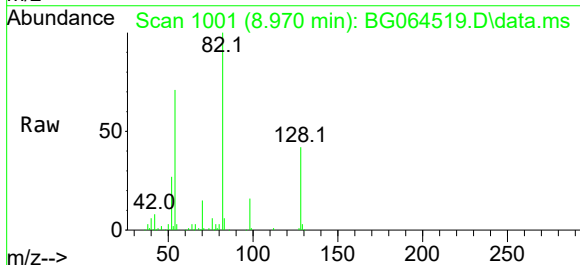
Instrument :
BNA_G
ClientSampleId :
PB170081TB

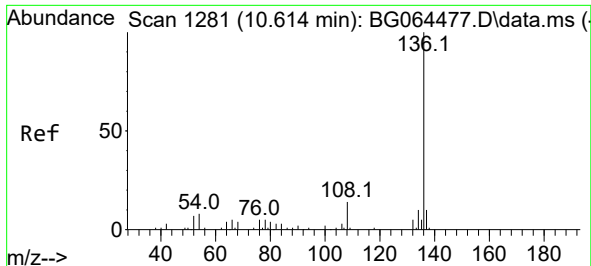
Tgt Ion: 99 Resp: 159232
Ion Ratio Lower Upper
99 100
42 26.4 22.9 34.3
71 52.0 35.4 53.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.13 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.356 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion: 70 Resp: 15823
Ion Ratio Lower Upper
70 100
42 57.5 64.9 97.3#
101 0.0 8.7 13.1#
130 1.9 15.8 23.8#

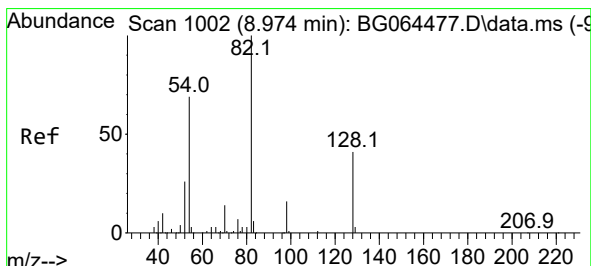
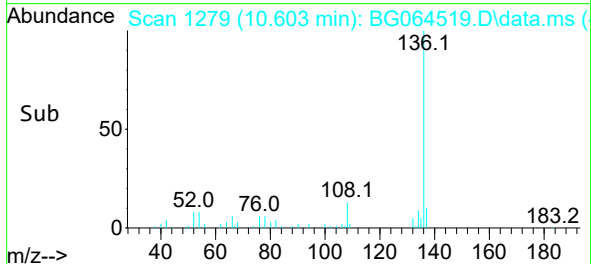
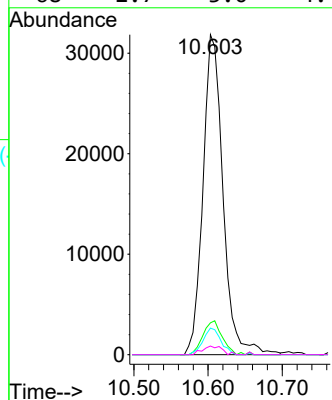
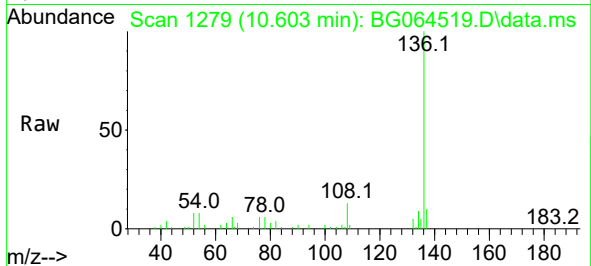




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.603 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

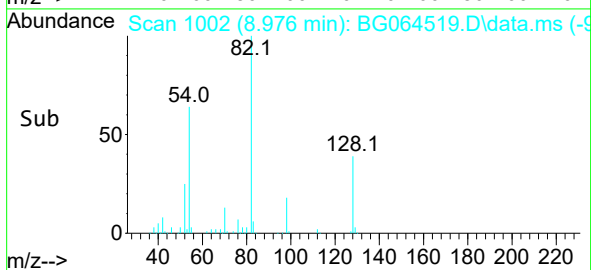
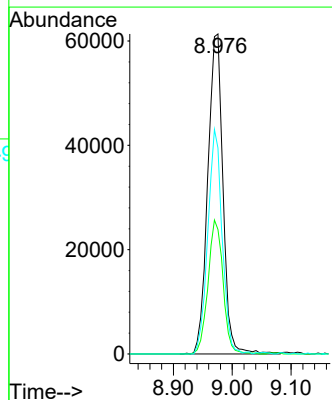
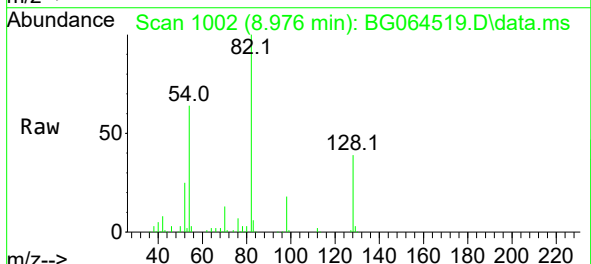
Instrument :
BNA_G
ClientSampleId :
PB170081TB

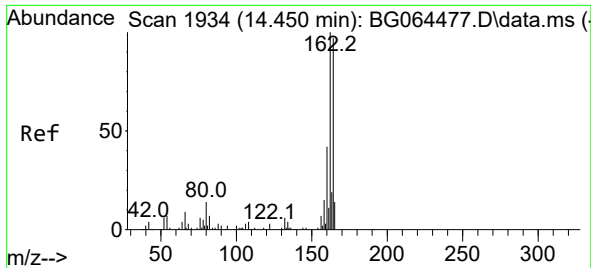
Tgt Ion:136 Resp: 59880
Ion Ratio Lower Upper
136 100
137 10.0 8.3 12.5
54 8.3 6.2 9.4
68 2.7 3.0 4.4#



#23
Nitrobenzene-d5
Concen: 98.79 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion: 82 Resp: 110012
Ion Ratio Lower Upper
82 100
128 38.9 33.1 49.7
54 64.3 55.4 83.2

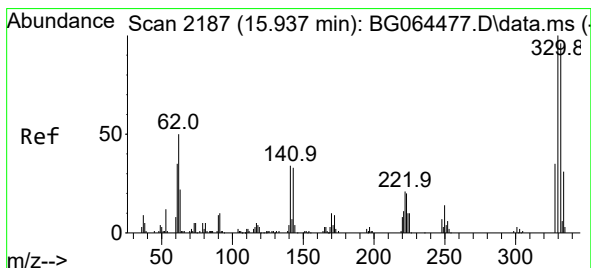
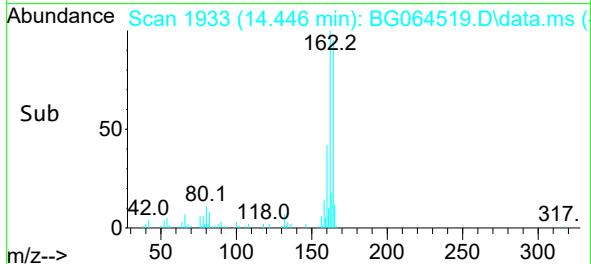
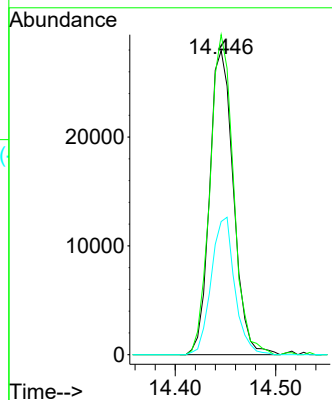
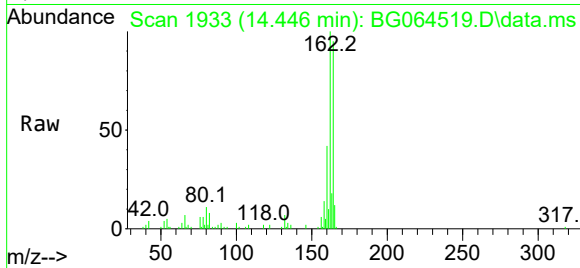




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.446 min Scan# 1933
 Delta R.T. -0.002 min
 Lab File: BG064519.D
 Acq: 16 Oct 2025 16:55

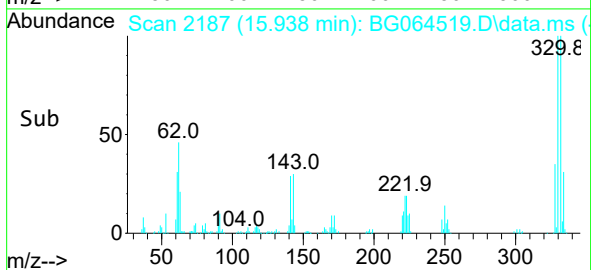
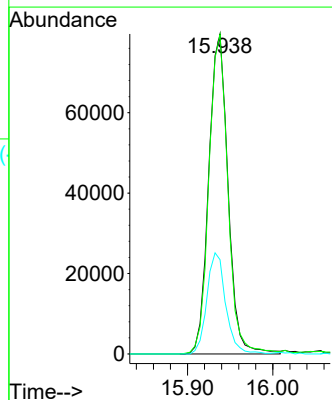
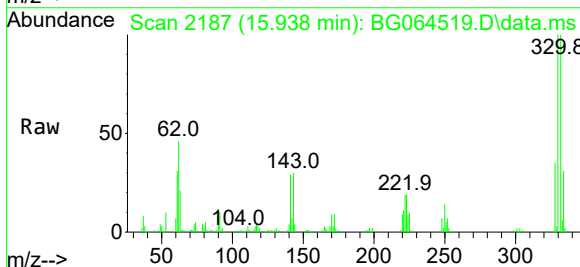
Instrument :
 BNA_G
 ClientSampleId :
 PB170081TB

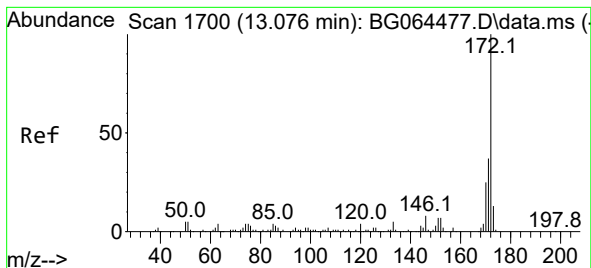
Tgt Ion:164 Resp: 45990
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.2 123.2
 160 43.8 34.3 51.5



#42
 2,4,6-Tribromophenol
 Concen: 150.11 ng
 RT: 15.938 min Scan# 2187
 Delta R.T. 0.004 min
 Lab File: BG064519.D
 Acq: 16 Oct 2025 16:55

Tgt Ion:330 Resp: 125137
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.4 116.0
 141 30.9 25.8 38.6

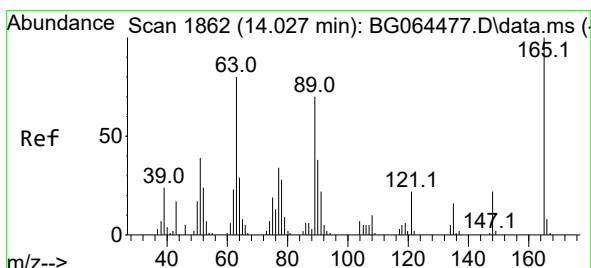
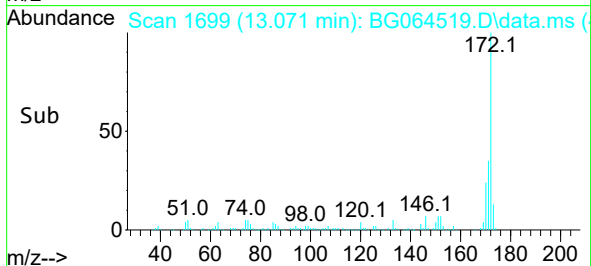
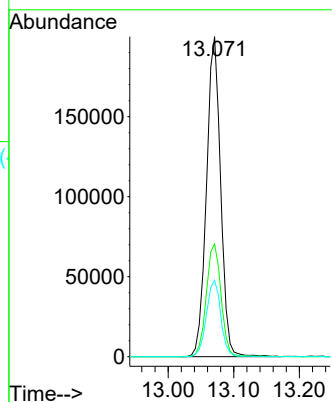
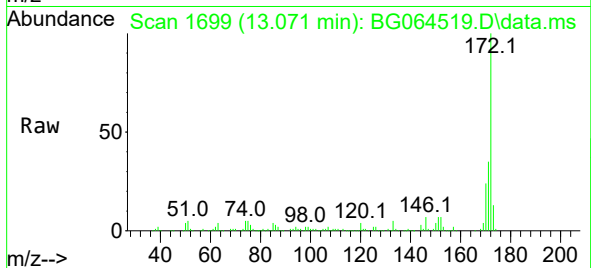




#45
2-Fluorobiphenyl
Concen: 96.35 ng
RT: 13.071 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

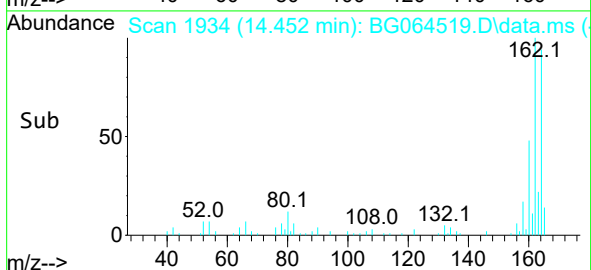
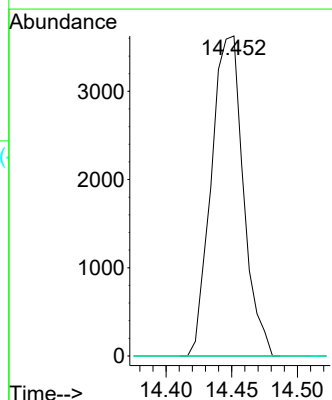
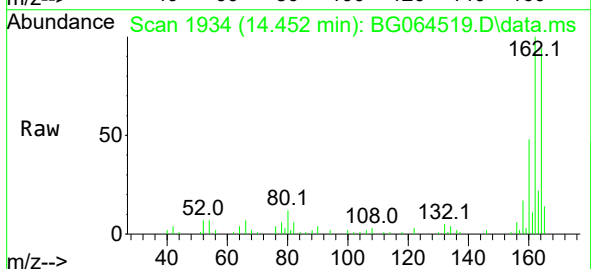
Instrument :
BNA_G
ClientSampleId :
PB170081TB

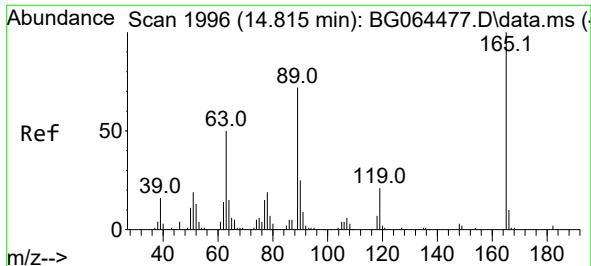
Tgt Ion:172 Resp: 300605
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.9 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 14.452 min Scan# 1934
Delta R.T. 0.433 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

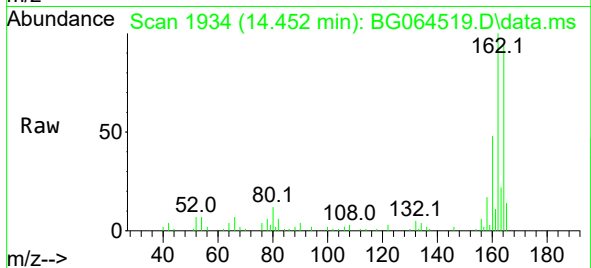
Tgt Ion:165 Resp: 6158
Ion Ratio Lower Upper
165 100
63 0.0 63.9 95.9#
89 0.0 56.1 84.1#



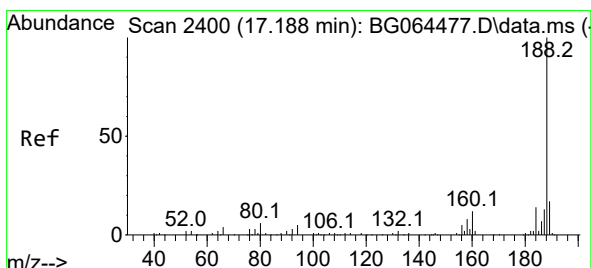
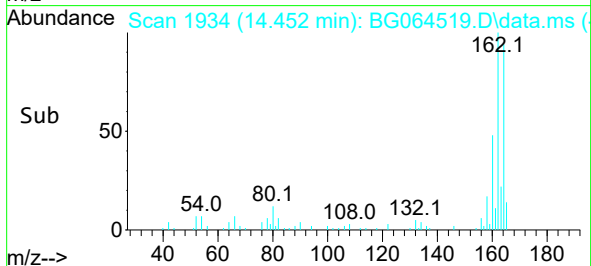
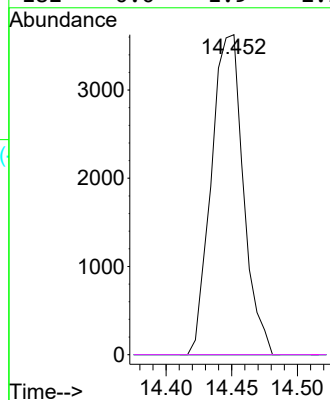


#57
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 14.452 min Scan# 1934
Delta R.T. -0.361 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Instrument :
BNA_G
ClientSampleId :
PB170081TB

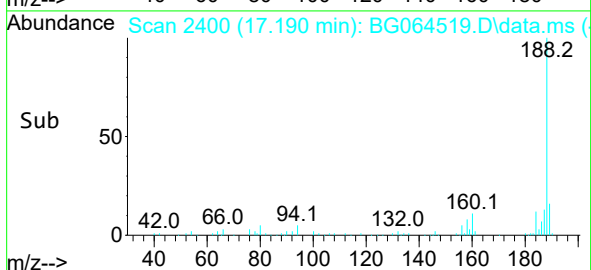
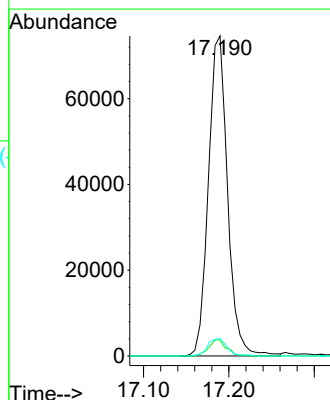
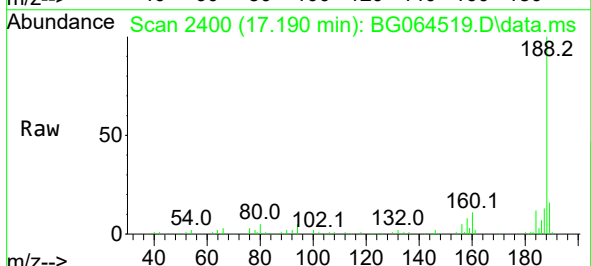


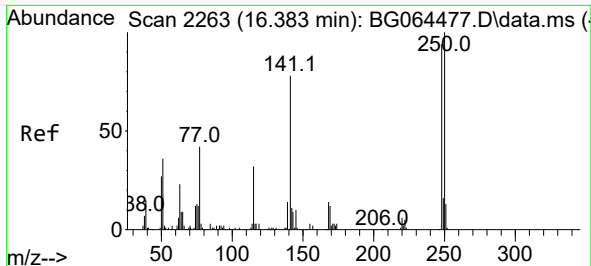
Tgt Ion:	165	Resp:	6158
Ion Ratio	Lower	Upper	
165	100		
63	0.0	40.4	60.6#
89	0.0	57.3	85.9#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion:	188	Resp:	116607
Ion Ratio	Lower	Upper	
188	100		
94	4.9	3.7	5.5
80	5.5	4.5	6.7

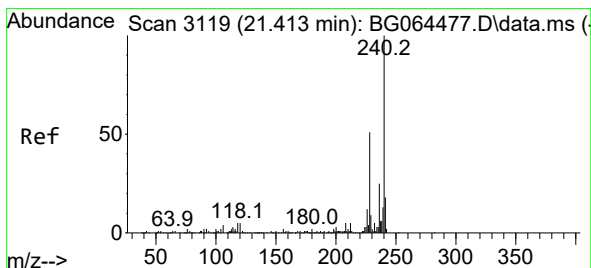
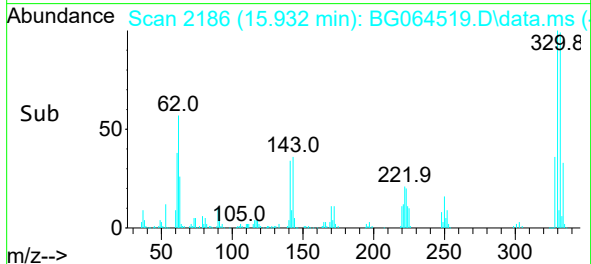
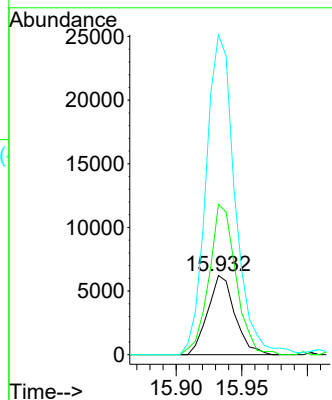
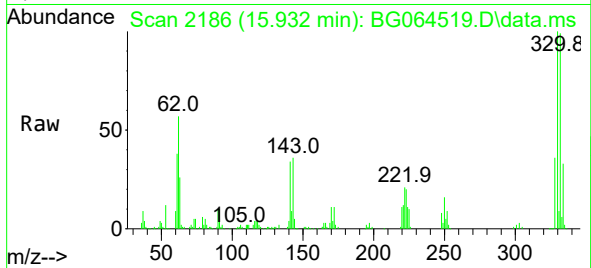




#67
4-Bromophenyl-phenylether
Concen: 6.53 ng
RT: 15.932 min Scan# 2186
Delta R.T. -0.449 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

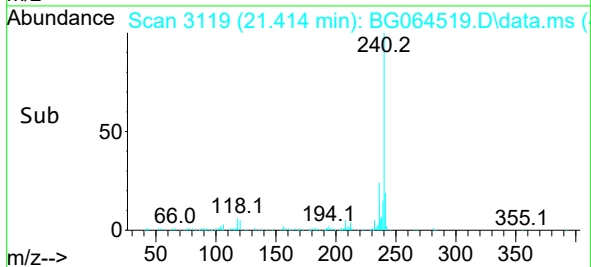
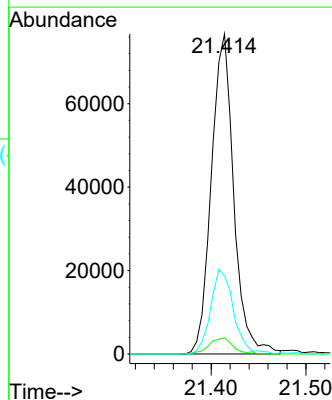
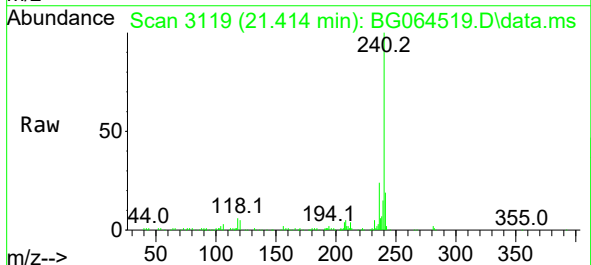
Instrument :
BNA_G
ClientSampleId :
PB170081TB

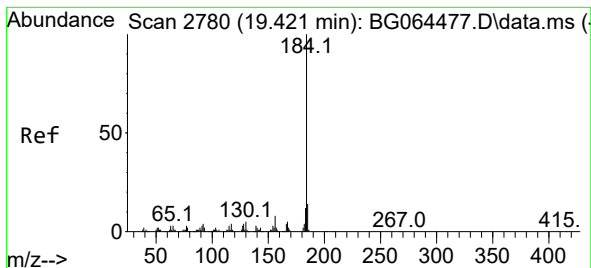
Tgt Ion:248 Resp: 8964
Ion Ratio Lower Upper
248 100
250 189.9 85.3 127.9#
141 404.2 66.2 99.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.414 min Scan# 3119
Delta R.T. 0.004 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Tgt Ion:240 Resp: 125638
Ion Ratio Lower Upper
240 100
120 5.1 4.3 6.5
236 24.4 20.4 30.6





#77

Benzidine

Concen: 4.16 ng

RT: 19.804 min Scan# 21

Delta R.T. 0.379 min

Lab File: BG064519.D

Acq: 16 Oct 2025 16:55

Instrument :

BNA_G

ClientSampleId :

PB170081TB

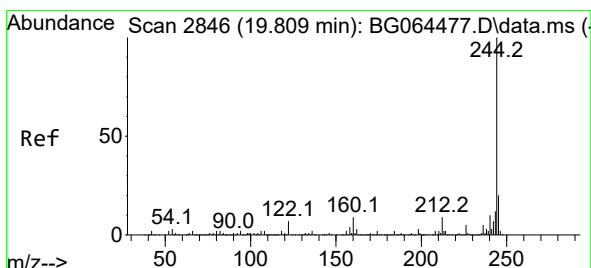
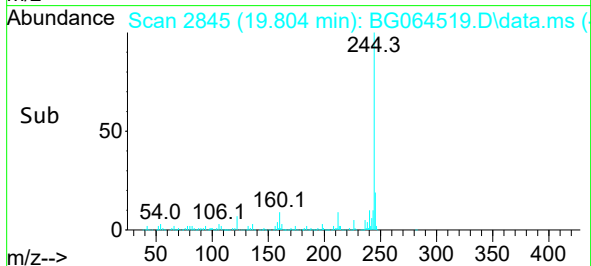
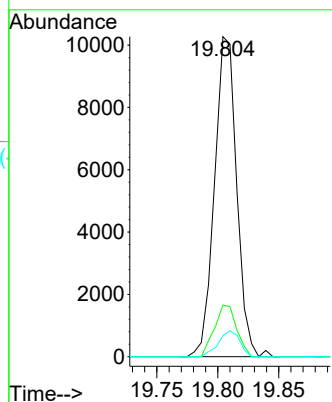
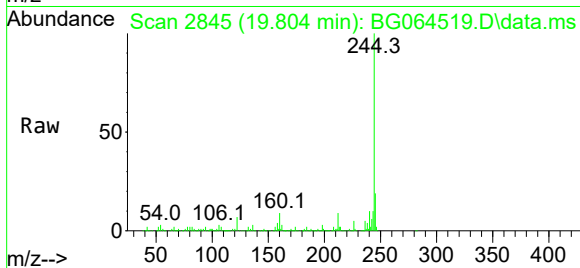
Tgt Ion:184 Resp: 12996

Ion Ratio Lower Upper

184 100

185 16.1 10.9 16.3

183 6.5 9.8 14.6#



#79

Terphenyl-d14

Concen: 99.10 ng

RT: 19.810 min Scan# 2846

Delta R.T. 0.004 min

Lab File: BG064519.D

Acq: 16 Oct 2025 16:55

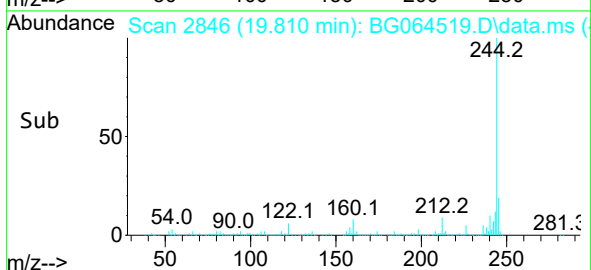
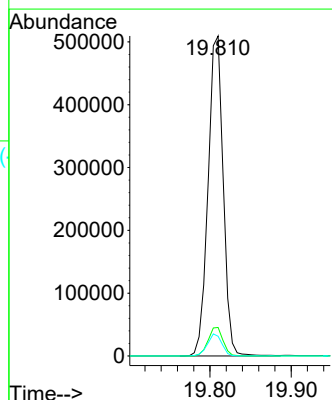
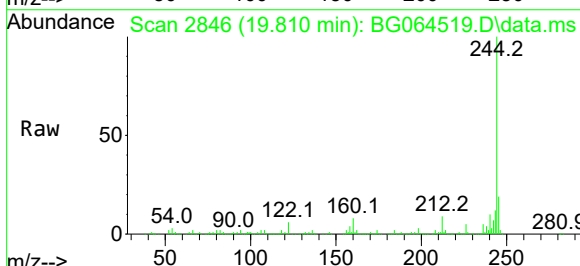
Tgt Ion:244 Resp: 657873

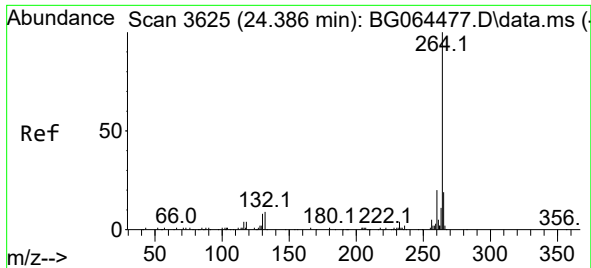
Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

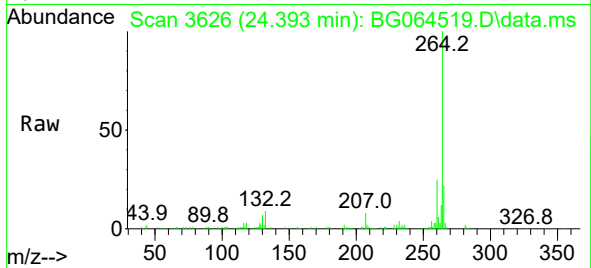
122 6.1 5.6 8.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.393 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG064519.D
Acq: 16 Oct 2025 16:55

Instrument :
BNA_G
ClientSampleId :
PB170081TB



Tgt Ion:264 Resp: 139707
Ion Ratio Lower Upper
264 100
260 24.8 16.2 24.4#
265 21.6 15.0 22.4

