

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064499.D
 Acq On : 14 Oct 2025 13:11
 Operator : RC/JU
 Sample : PB170062TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170062TB

Quant Time: Oct 14 13:49:32 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)

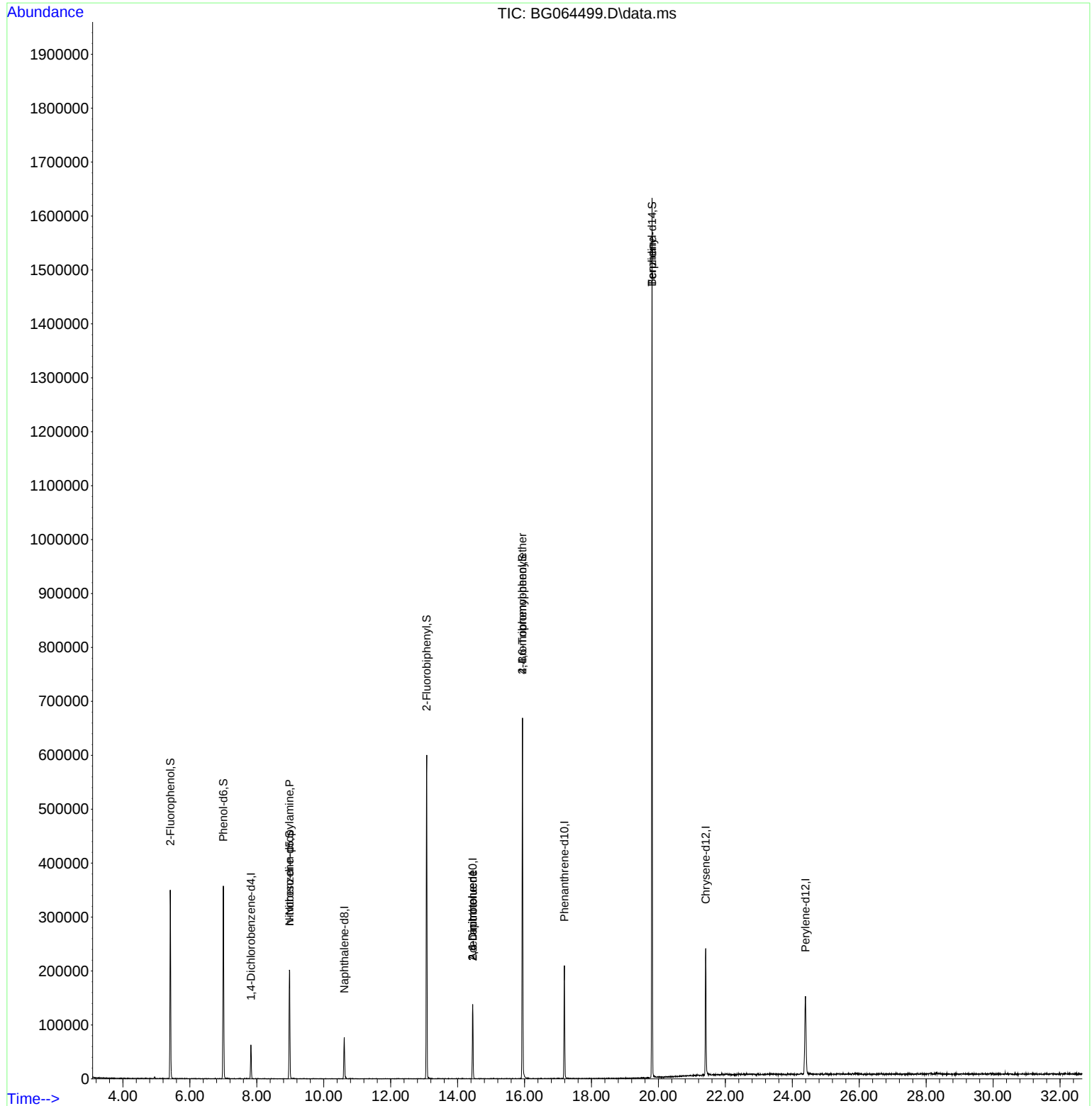
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	15800	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	64368	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	49104	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	132382	20.000	ng	0.00
76) Chrysene-d12	21.413	240	145774	20.000	ng	0.00
86) Perylene-d12	24.392	264	160375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	125842	147.401	ng	0.00
7) Phenol-d6	7.001	99	161057	140.381	ng	0.01
23) Nitrobenzene-d5	8.975	82	108636	90.749	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	131574	147.823	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	297960	89.441	ng	0.00
79) Terphenyl-d14	19.809	244	737390	95.731	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	15166	19.766	ng	Qvalue # 80
51) 2,6-Dinitrotoluene	14.451	165	6998	8.735	ng	# 14
57) 2,4-Dinitrotoluene	14.451	165	6998	5.714	ng	# 23
67) 4-Bromophenyl-phenylether	15.937	248	9243	5.933	ng	# 1
77) Benzidine	19.809	184	15141	4.174	ng	# 89

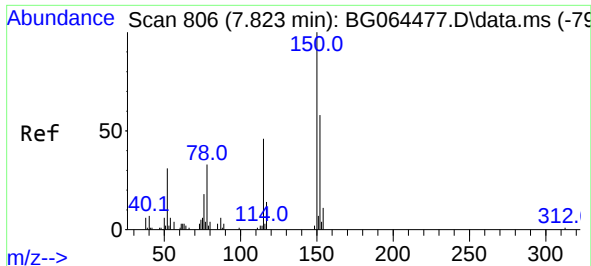
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064499.D
Acq On : 14 Oct 2025 13:11
Operator : RC/JU
Sample : PB170062TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170062TB

Quant Time: Oct 14 13:49:32 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

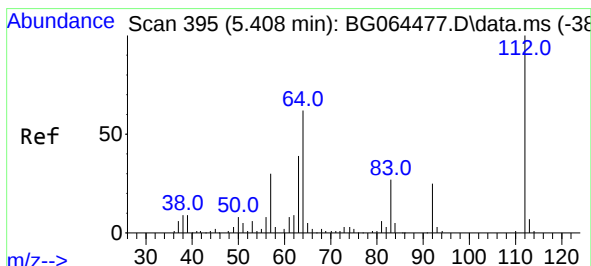
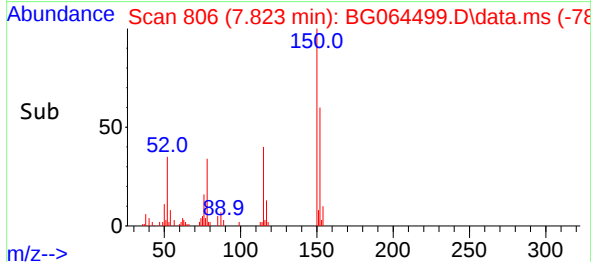
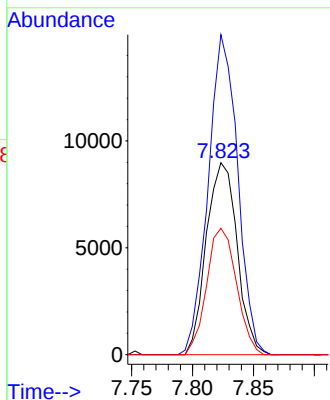
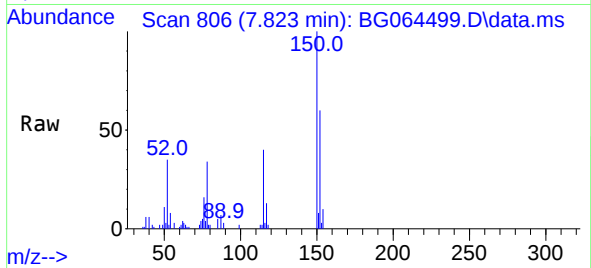




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

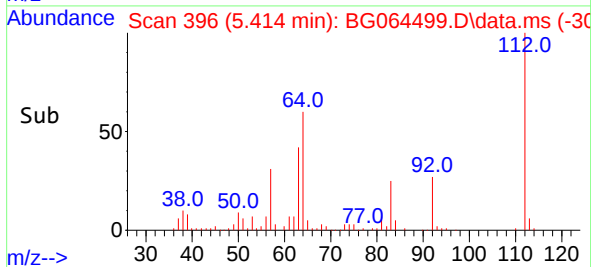
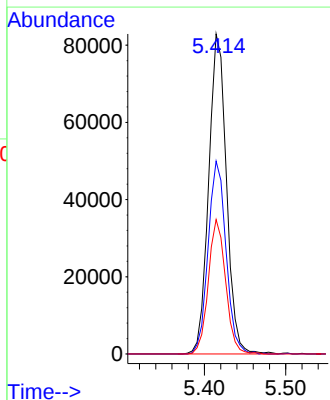
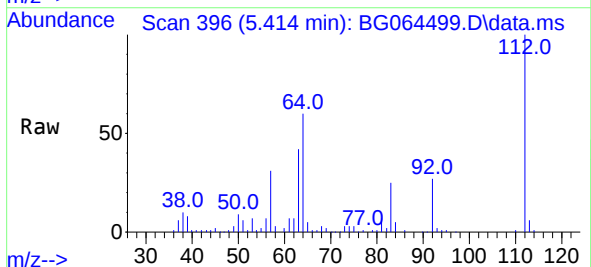
Instrument :
BNA_G
ClientSampleId :
PB170062TB

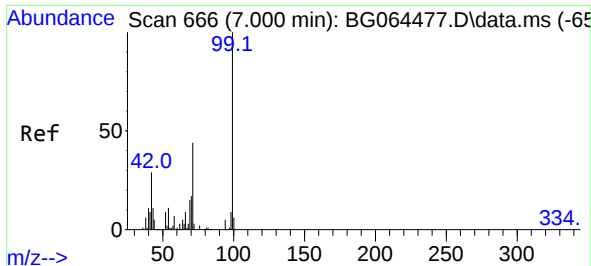
Tgt Ion:152 Resp: 15800
Ion Ratio Lower Upper
152 100
150 166.7 138.6 207.8
115 65.9 63.4 95.2



#5
2-Fluorophenol
Concen: 147.401 ng
RT: 5.414 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion:112 Resp: 125842
Ion Ratio Lower Upper
112 100
64 60.3 49.8 74.8
63 42.0 31.3 46.9

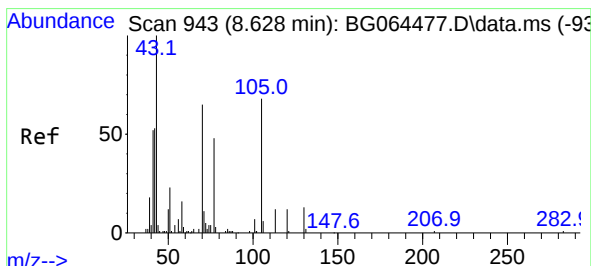
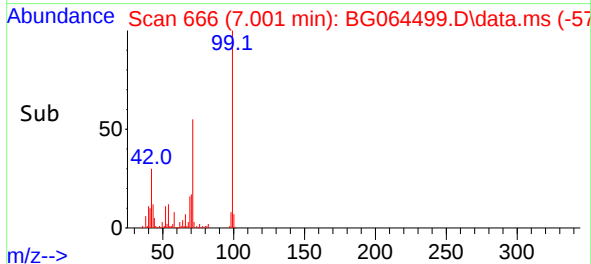
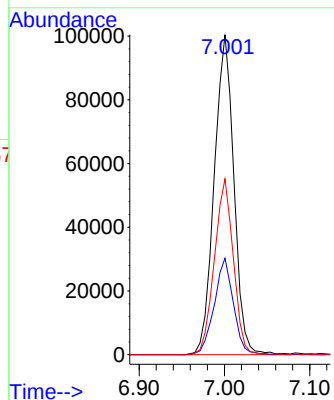
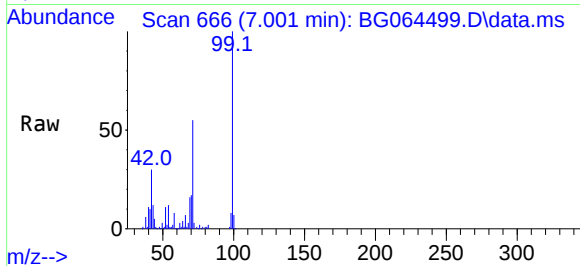




#7
Phenol-d6
Concen: 140.381 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

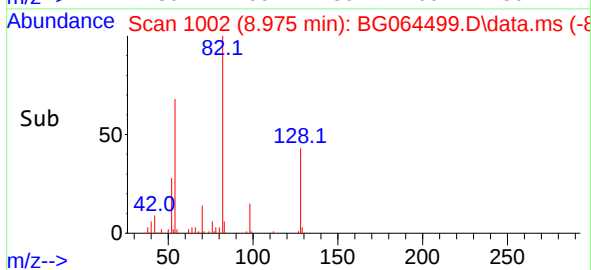
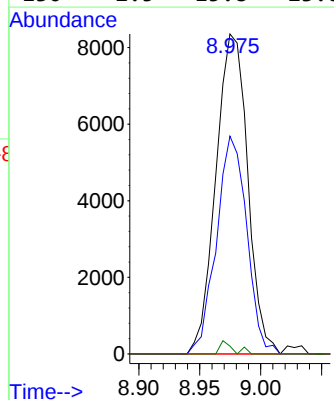
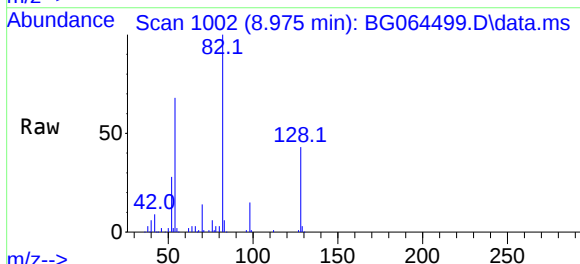
Instrument :
BNA_G
ClientSampleId :
PB170062TB

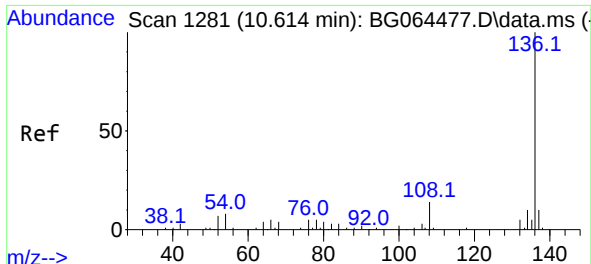
Tgt Ion: 99 Resp: 161057
Ion Ratio Lower Upper
99 100
42 30.1 22.9 34.3
71 55.0 35.4 53.2#



#19
n-Nitroso-di-n-propylamine
Concen: 19.766 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.361 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion: 70 Resp: 15166
Ion Ratio Lower Upper
70 100
42 68.1 64.9 97.3
101 0.0 8.7 13.1#
130 2.5 15.8 23.8#

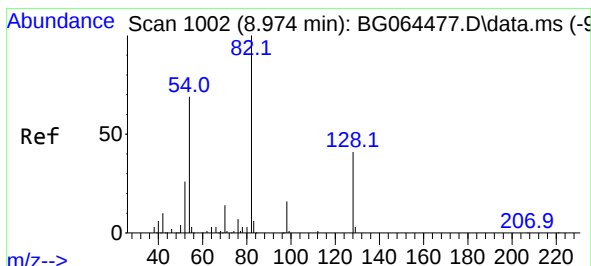
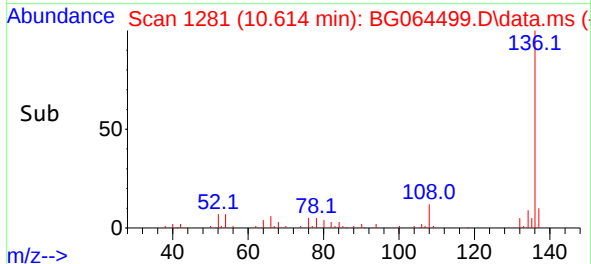
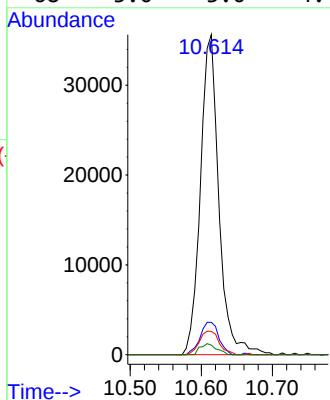
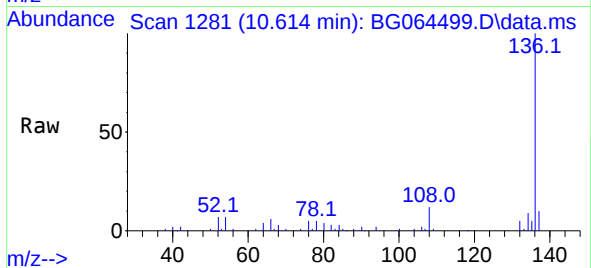




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

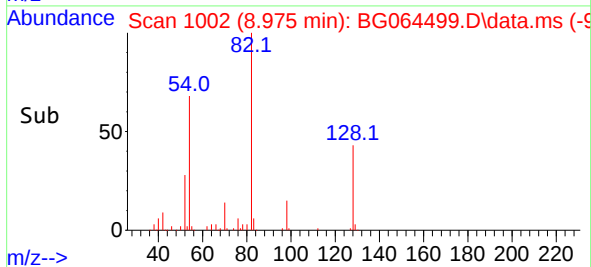
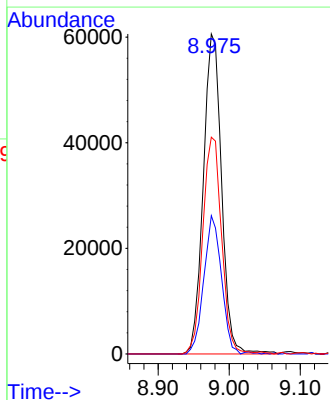
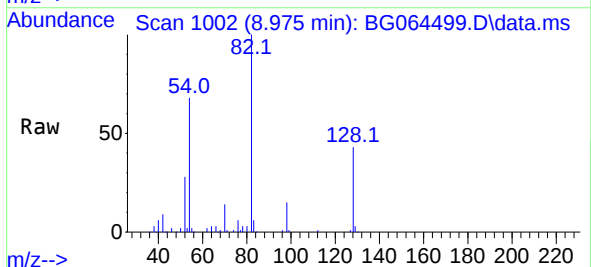
Instrument :
BNA_G
ClientSampleId :
PB170062TB

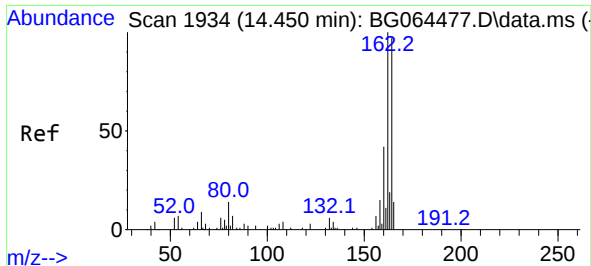
Tgt Ion:	136	Resp:	64368
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.3	12.5
54	7.2	6.2	9.4
68	3.0	3.0	4.4



#23
Nitrobenzene-d5
Concen: 90.749 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion:	82	Resp:	108636
Ion Ratio	Lower	Upper	
82	100		
128	43.2	33.1	49.7
54	67.8	55.4	83.2

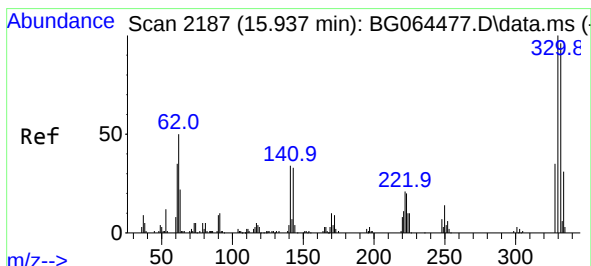
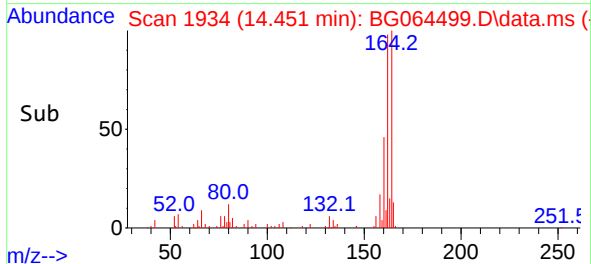
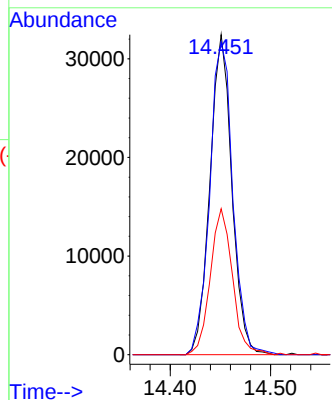
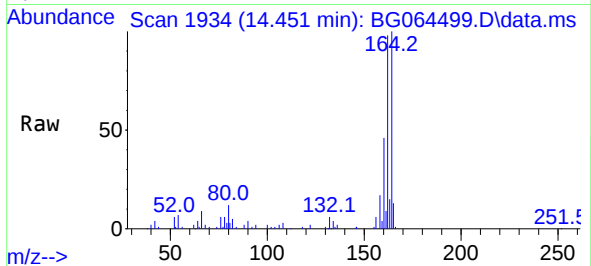




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

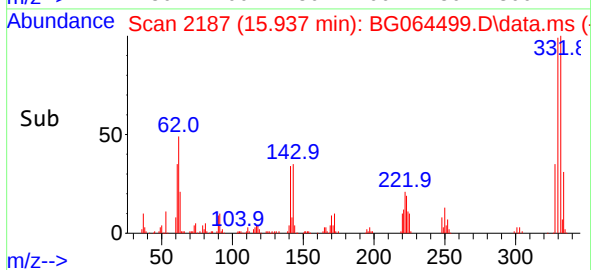
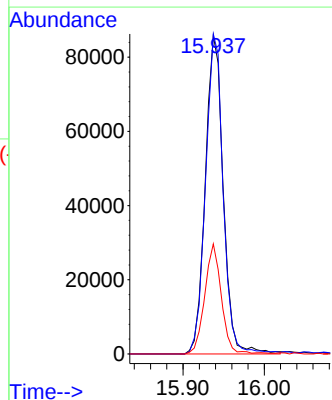
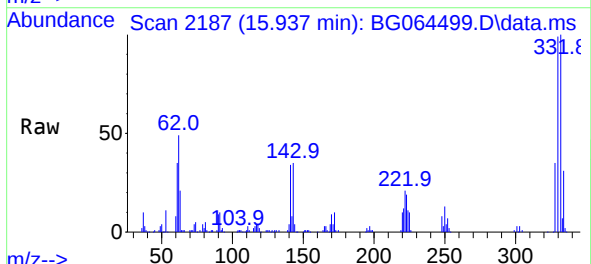
Instrument :
BNA_G
ClientSampleId :
PB170062TB

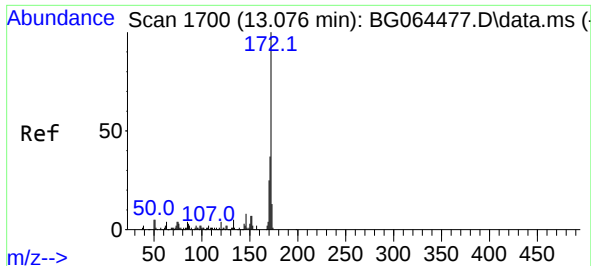
Tgt Ion:164 Resp: 49104
Ion Ratio Lower Upper
164 100
162 97.8 82.2 123.2
160 45.6 34.3 51.5



#42
2,4,6-Tribromophenol
Concen: 147.823 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion:330 Resp: 131574
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 31.9 25.8 38.6

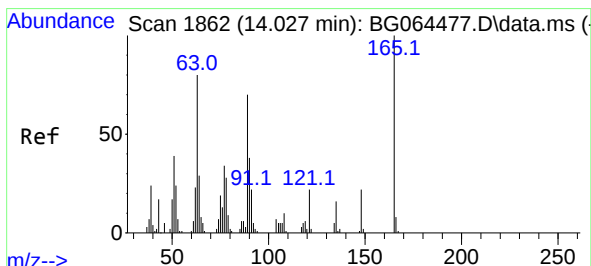
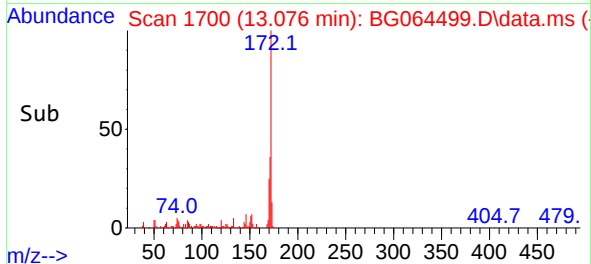
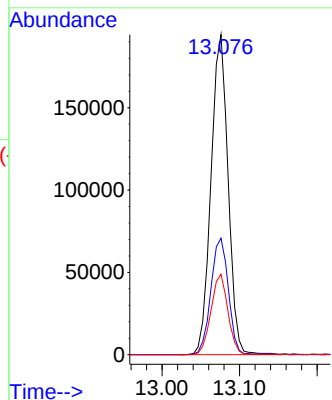
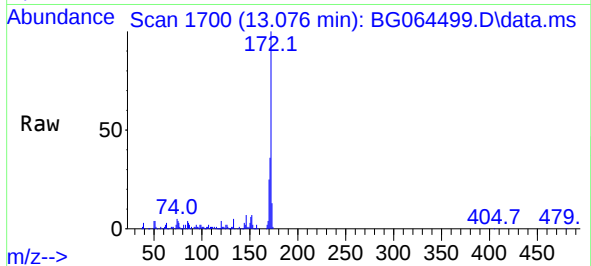




#45
2-Fluorobiphenyl
Concen: 89.441 ng
RT: 13.076 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

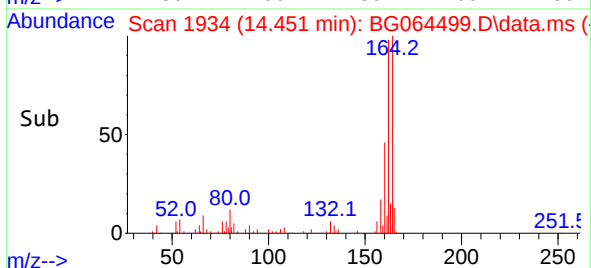
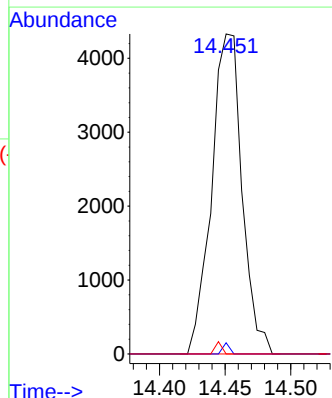
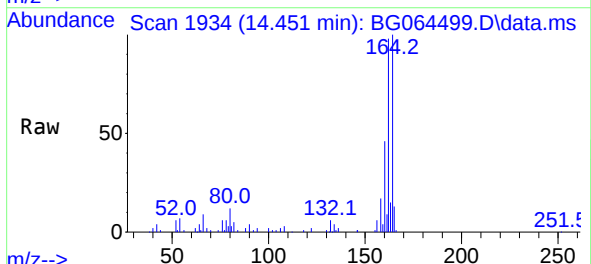
Instrument :
BNA_G
ClientSampleId :
PB170062TB

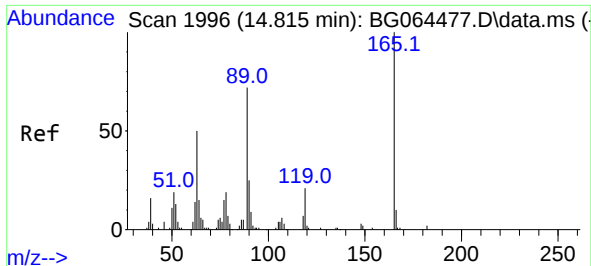
Tgt Ion:172 Resp: 297960
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 25.2 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.735 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.432 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion:165 Resp: 6998
Ion Ratio Lower Upper
165 100
63 3.5 63.9 95.9#
89 0.0 56.1 84.1#

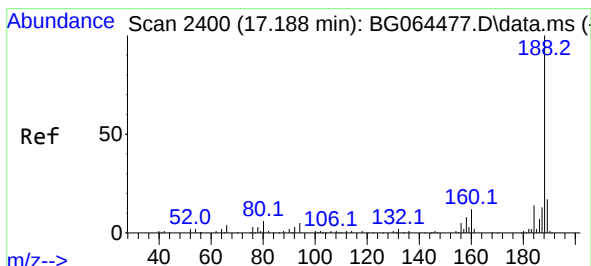
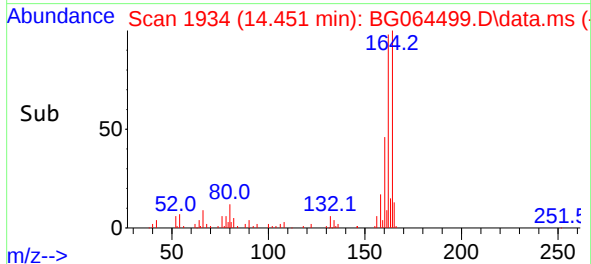
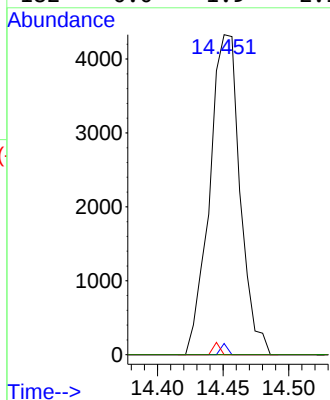
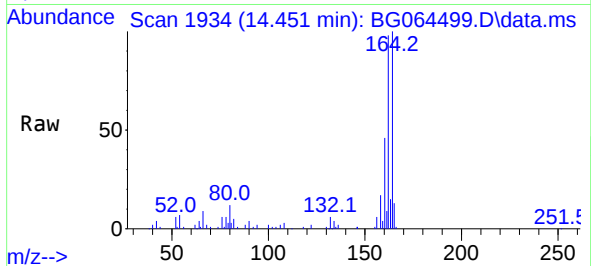




#57
2,4-Dinitrotoluene
Concen: 5.714 ng
RT: 14.451 min Scan# 1996
Delta R.T. -0.362 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

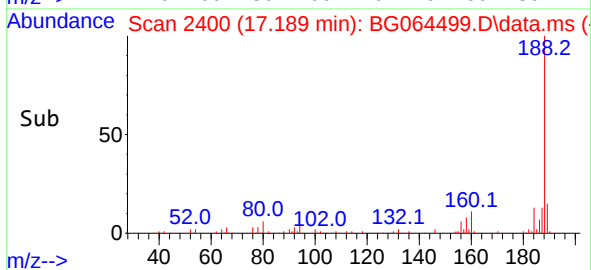
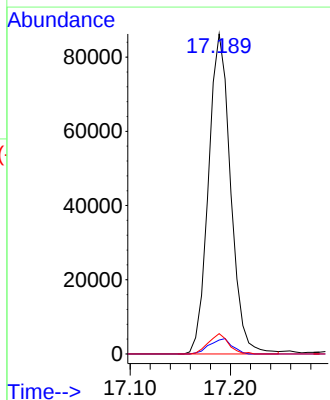
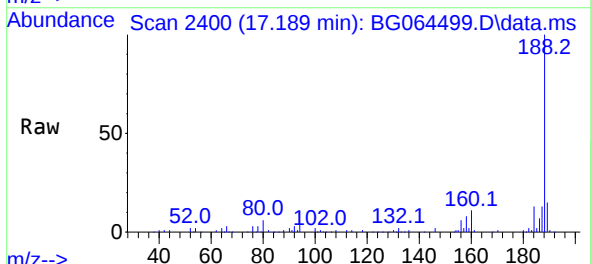
Instrument :
BNA_G
ClientSampleId :
PB170062TB

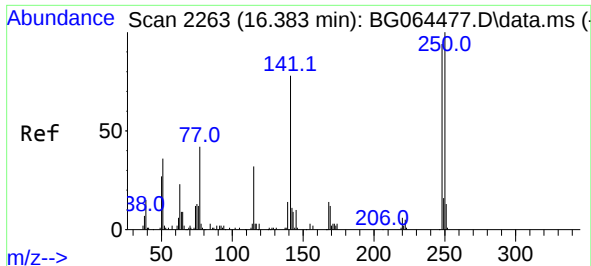
Tgt Ion:	165	Resp:	6998
Ion	Ratio	Lower	Upper
165	100		
63	3.5	40.4	60.6#
89	0.0	57.3	85.9#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

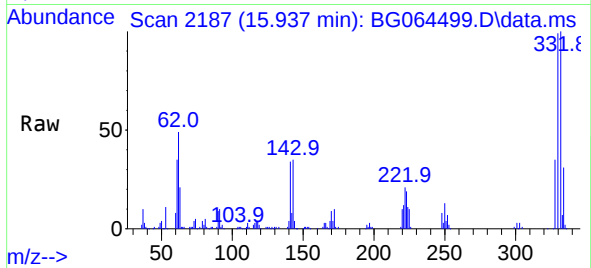
Tgt Ion:	188	Resp:	132382
Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.7	5.5
80	6.4	4.5	6.7



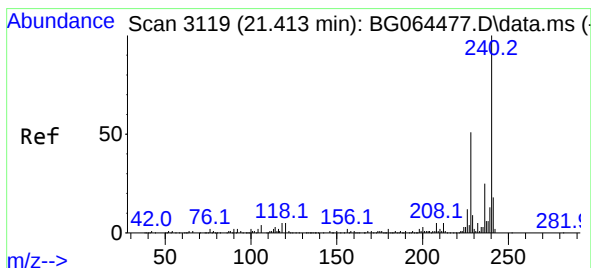
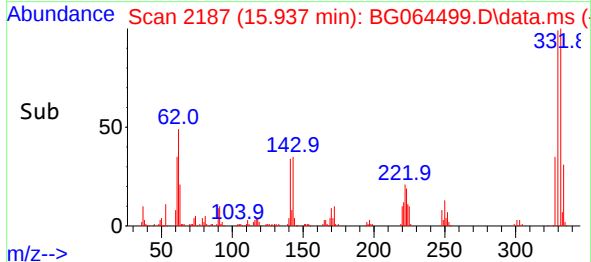
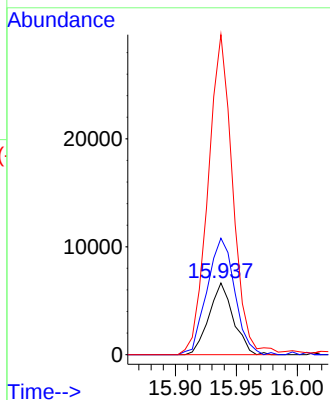


#67
4-Bromophenyl-phenylether
Concen: 5.933 ng
RT: 15.937 min Scan# 2187
Delta R.T. -0.444 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Instrument :
BNA_G
ClientSampleId :
PB170062TB

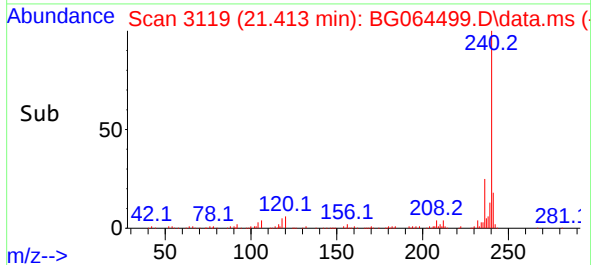
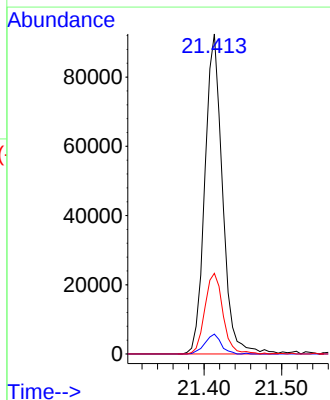
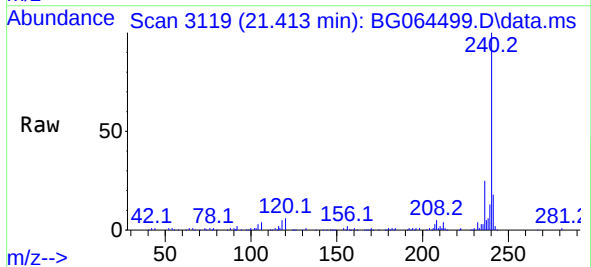


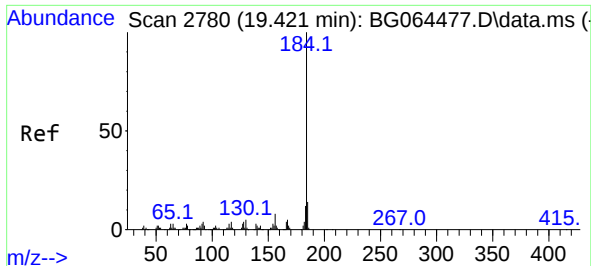
Tgt Ion:248 Resp: 9243
Ion Ratio Lower Upper
248 100
250 162.5 85.3 127.9#
141 446.5 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion:240 Resp: 145774
Ion Ratio Lower Upper
240 100
120 6.2 4.3 6.5
236 25.2 20.4 30.6

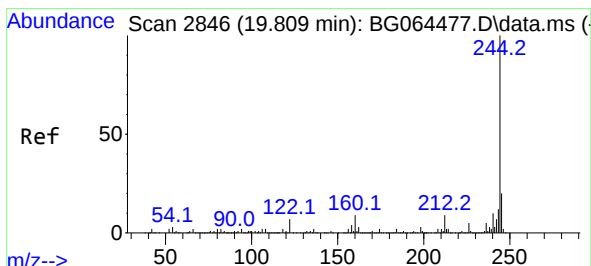
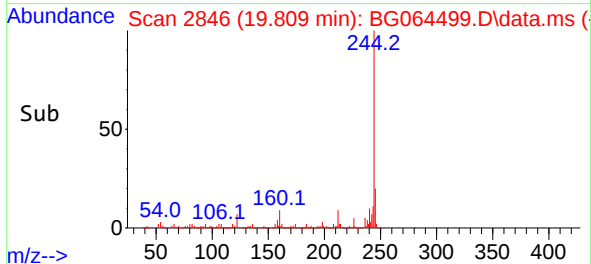
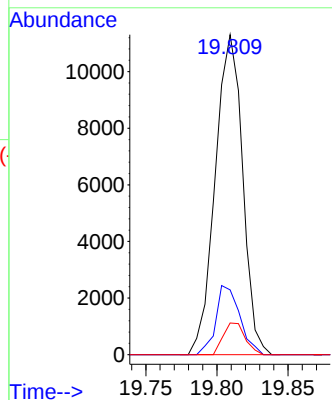
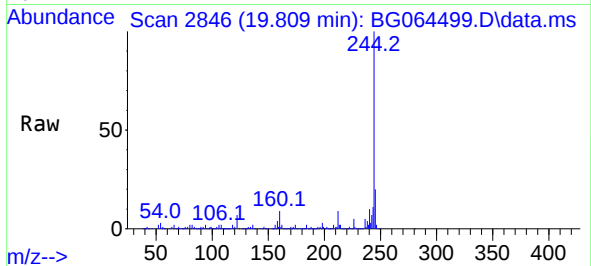




#77
Benzidine
Concen: 4.174 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.384 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

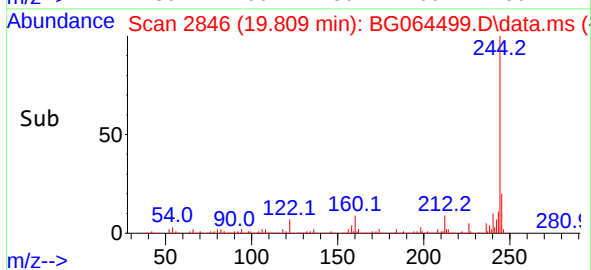
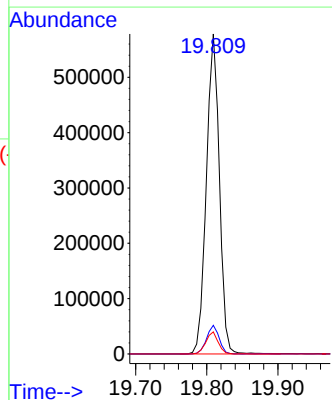
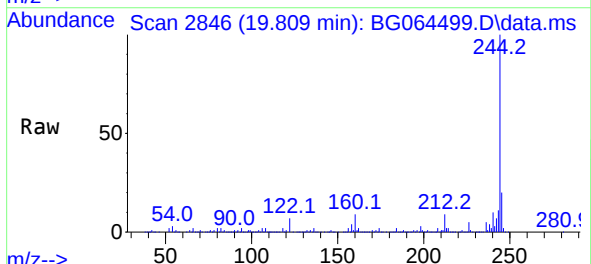
Instrument :
BNA_G
ClientSampleId :
PB170062TB

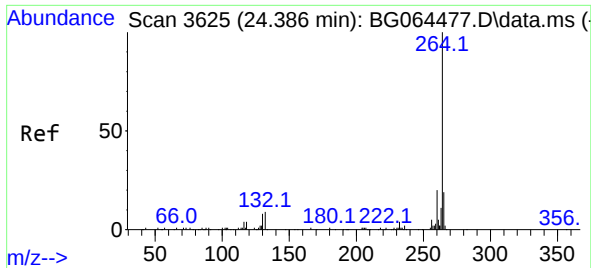
Tgt Ion:184 Resp: 15141
Ion Ratio Lower Upper
184 100
185 20.2 10.9 16.3#
183 9.9 9.8 14.6



#79
Terphenyl-d14
Concen: 95.731 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion:244 Resp: 737390
Ion Ratio Lower Upper
244 100
212 9.0 7.0 10.6
122 6.9 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: BG064499.D
Acq: 14 Oct 2025 13:11

Instrument :
BNA_G
ClientSampleId :
PB170062TB

Tgt Ion:264 Resp: 160375
Ion Ratio Lower Upper
264 100
260 23.8 16.2 24.4
265 19.1 15.0 22.4

