

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064932.D
 Acq On : 11 Dec 2025 13:16
 Operator : RC/JU
 Sample : PB170902BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 13:56:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

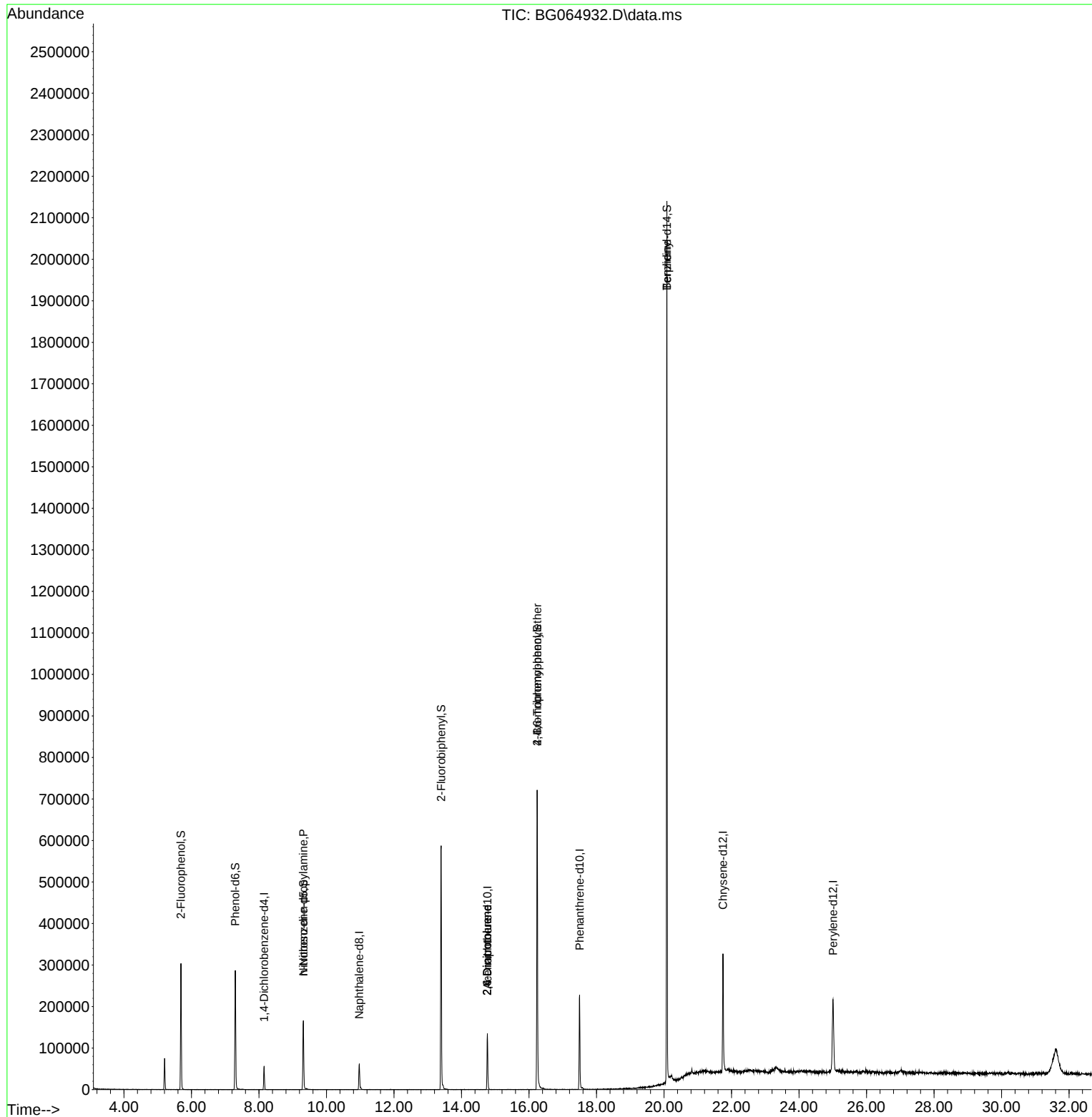
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	16447	20.000	ng	-0.02
21) Naphthalene-d8	10.972	136	62349	20.000	ng	#-0.02
39) Acenaphthene-d10	14.767	164	57732	20.000	ng	0.00
64) Phenanthrene-d10	17.499	188	171715	20.000	ng	# 0.00
76) Chrysene-d12	21.747	240	218514	20.000	ng	# 0.00
86) Perylene-d12	25.008	264	233564	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	118630	125.952	ng	0.00
7) Phenol-d6	7.300	99	150661	120.267	ng	0.00
23) Nitrobenzene-d5	9.315	82	99013	78.517	ng	-0.02
42) 2,4,6-Tribromophenol	16.242	330	207019	183.861	ng	0.00
45) 2-Fluorobiphenyl	13.398	172	350584	84.734	ng	0.00
79) Terphenyl-d14	20.085	244	1177049	105.960	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.315	70	14311	16.896	ng	# 68
51) 2,6-Dinitrotoluene	14.761	165	7674	8.745	ng	# 21
57) 2,4-Dinitrotoluene	14.761	165	7674	5.833	ng	# 24
67) 4-Bromophenyl-phenylether	16.242	248	12060	5.348	ng	# 1
77) Benzidine	20.085	184	17464	2.669	ng	98

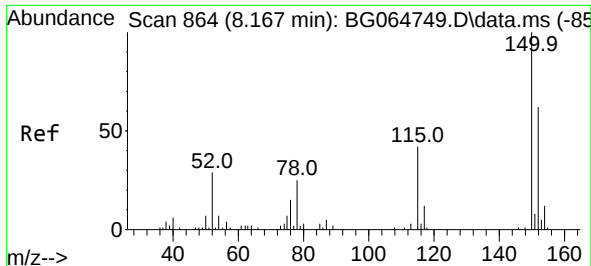
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064932.D
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Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 11 13:56:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

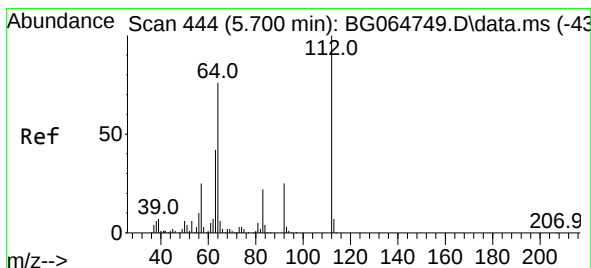
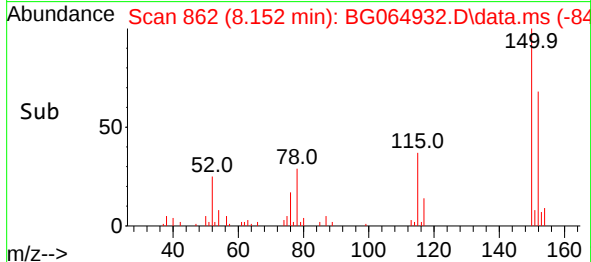
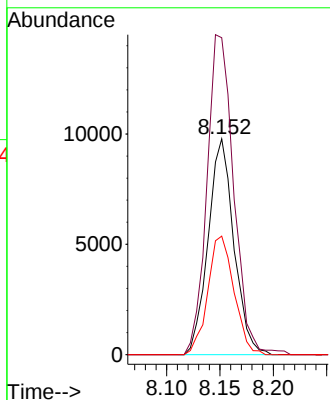
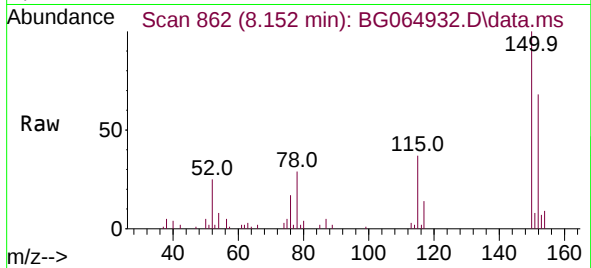




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

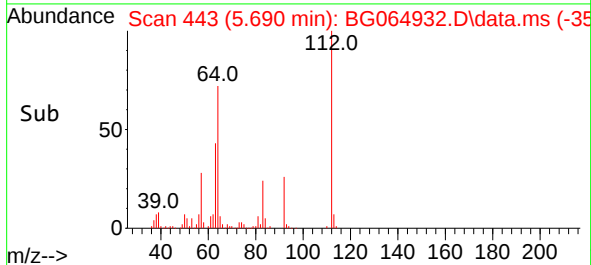
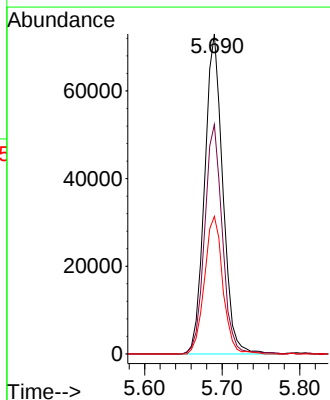
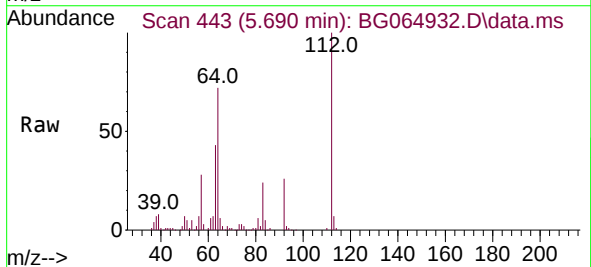
Instrument :
BNA_G
ClientSampleId :

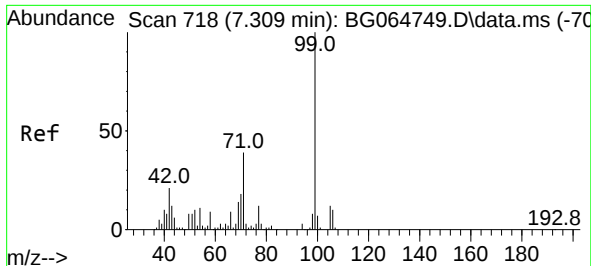
Tgt Ion:152 Resp: 16447
Ion Ratio Lower Upper
152 100
150 146.9 129.2 193.8
115 54.9 53.7 80.5



#5
2-Fluorophenol
Concen: 125.952 ng
RT: 5.690 min Scan# 443
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

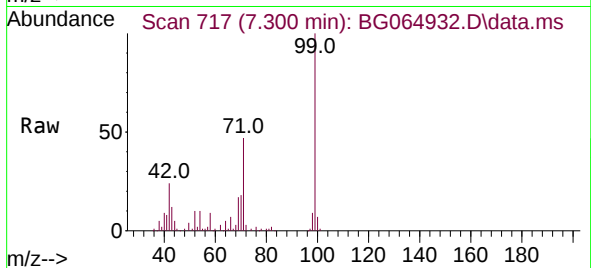
Tgt Ion:112 Resp: 118630
Ion Ratio Lower Upper
112 100
64 71.7 61.0 91.4
63 43.0 33.3 49.9



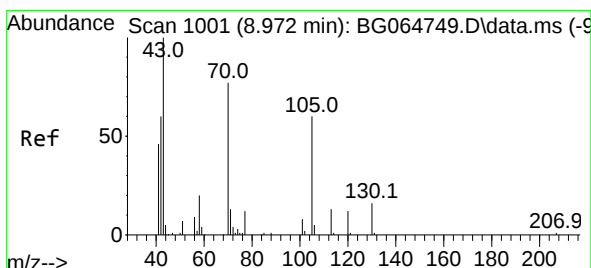
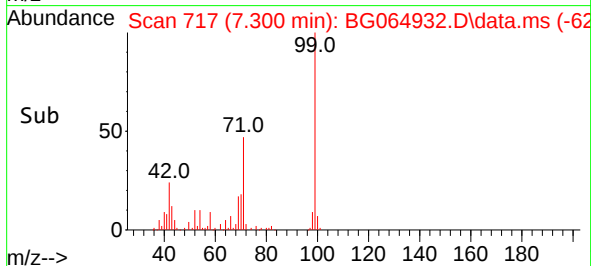
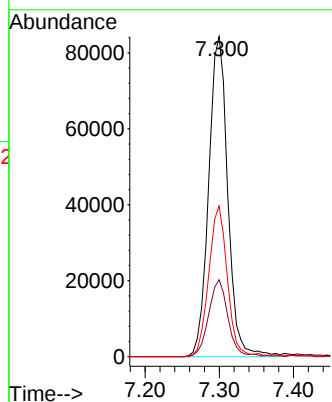


#7
Phenol-d6
Concen: 120.267 ng
RT: 7.300 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :

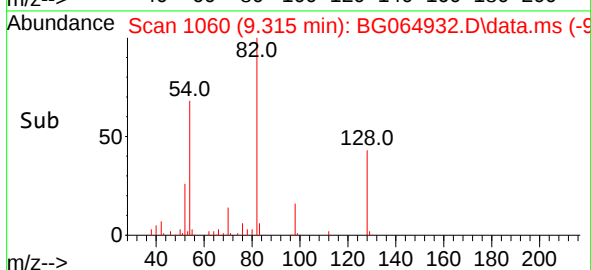
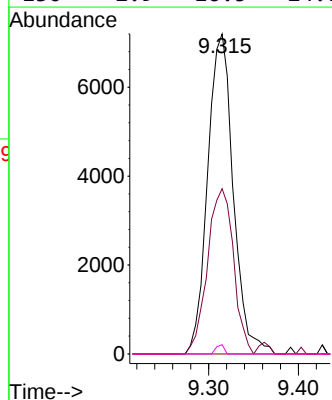
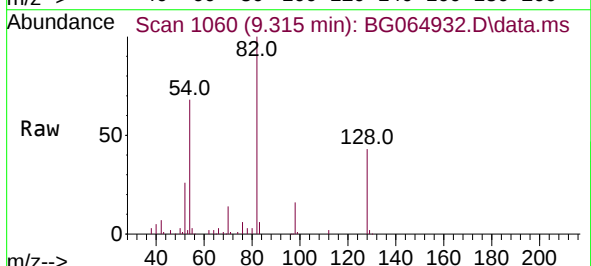


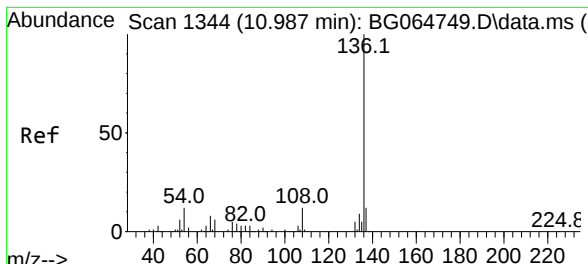
Tgt Ion: 99 Resp: 150661
Ion Ratio Lower Upper
99 100
42 24.0 16.8 25.2
71 47.1 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 16.896 ng
RT: 9.315 min Scan# 1060
Delta R.T. 0.343 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion: 70 Resp: 14311
Ion Ratio Lower Upper
70 100
42 51.6 62.6 93.8#
101 0.0 8.0 12.0#
130 2.9 16.5 24.7#

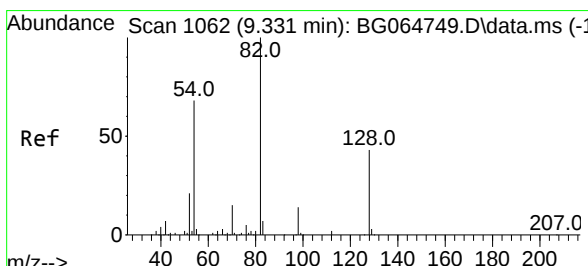
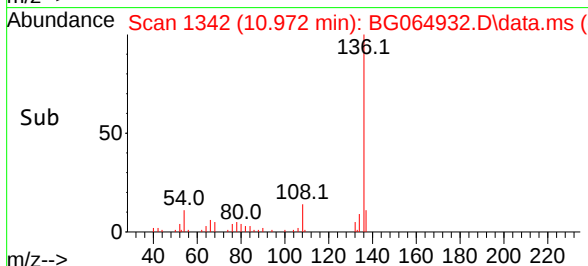
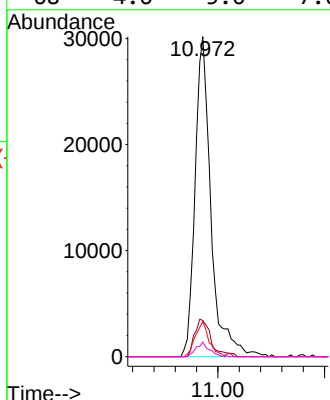
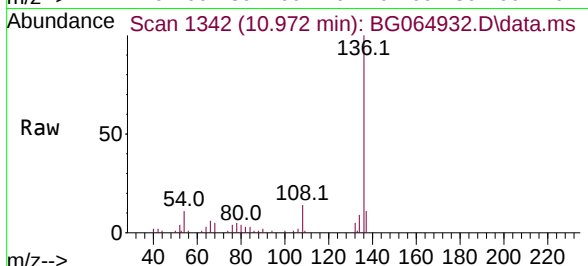




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

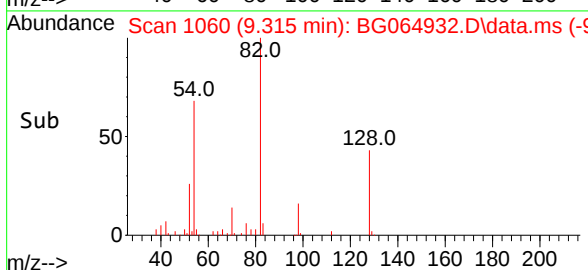
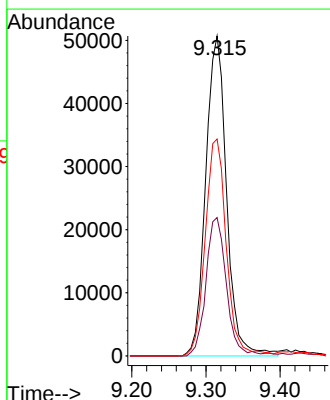
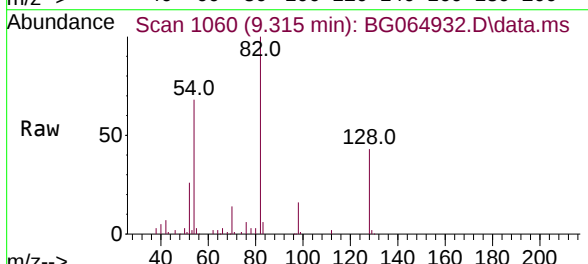
Instrument : BNA_G
ClientSampleId :

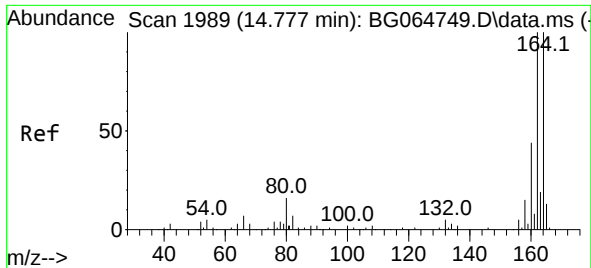
Tgt Ion:	136	Resp:	62349
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	10.9	9.3	13.9
68	4.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 78.517 ng
RT: 9.315 min Scan# 1060
Delta R.T. -0.016 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

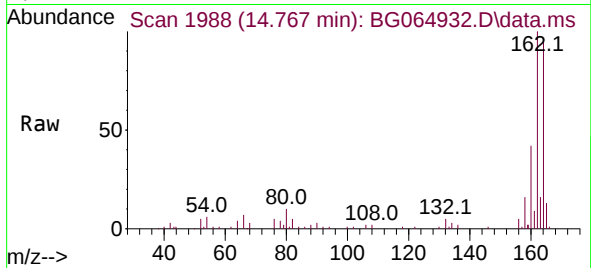
Tgt Ion:	82	Resp:	99013
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.1	51.1
54	67.8	54.3	81.5



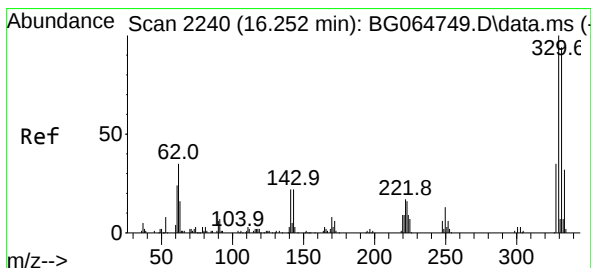
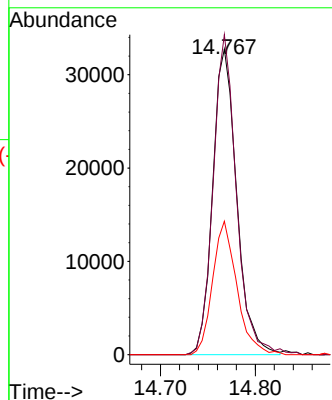
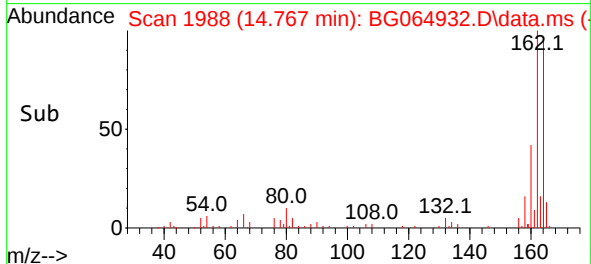


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.767 min Scan# 1989
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

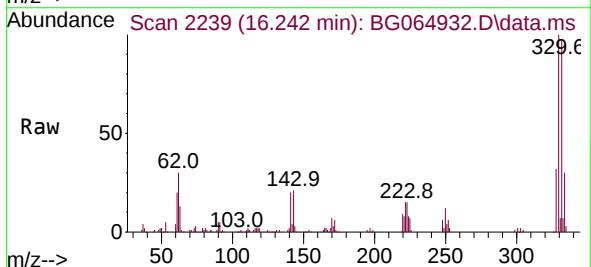
Instrument :
BNA_G
ClientSampleId :



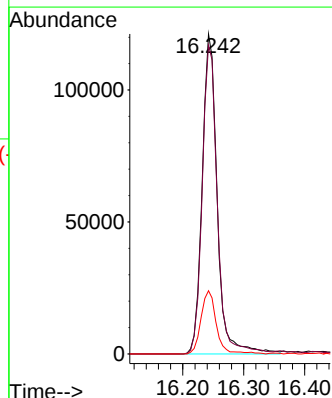
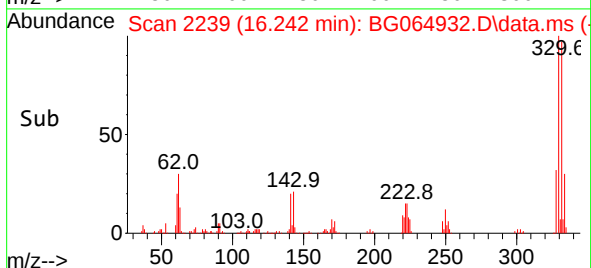
Tgt Ion:164 Resp: 57732
Ion Ratio Lower Upper
164 100
162 104.7 79.8 119.6
160 43.7 34.9 52.3

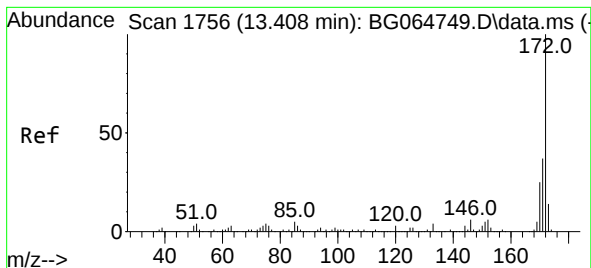


#42
2,4,6-Tribromophenol
Concen: 183.861 ng
RT: 16.242 min Scan# 2239
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16



Tgt Ion:330 Resp: 207019
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 20.1 18.2 27.2





#45

2-Fluorobiphenyl

Concen: 84.734 ng

RT: 13.398 min Scan# 1

Delta R.T. -0.010 min

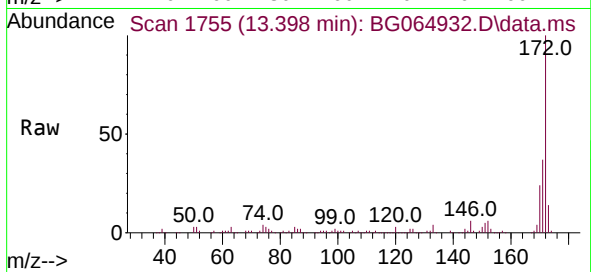
Lab File: BG064932.D

Acq: 11 Dec 2025 13:16

Instrument :

BNA_G

ClientSampleId :



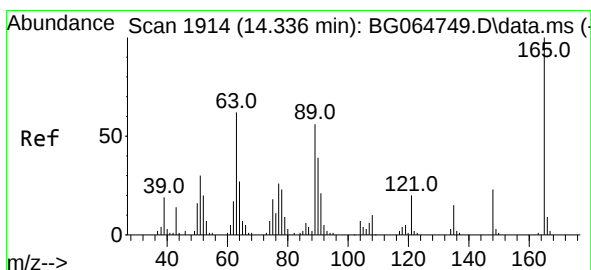
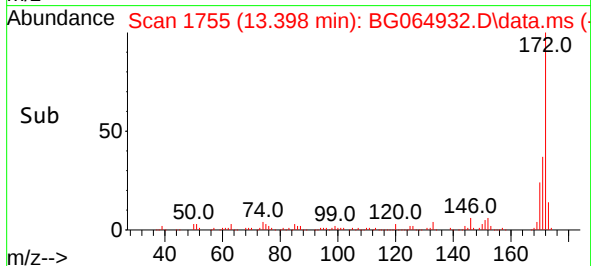
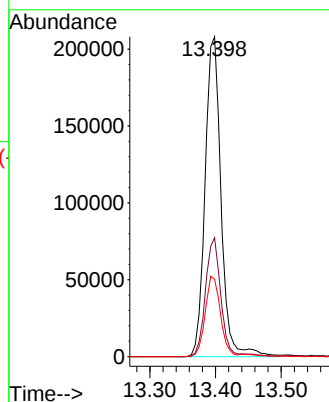
Tgt Ion:172 Resp: 350584

Ion Ratio Lower Upper

172 100

171 37.1 29.9 44.9

170 24.2 19.8 29.6



#51

2,6-Dinitrotoluene

Concen: 8.745 ng

RT: 14.761 min Scan# 1987

Delta R.T. 0.425 min

Lab File: BG064932.D

Acq: 11 Dec 2025 13:16

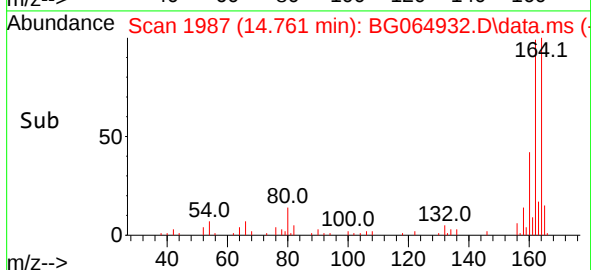
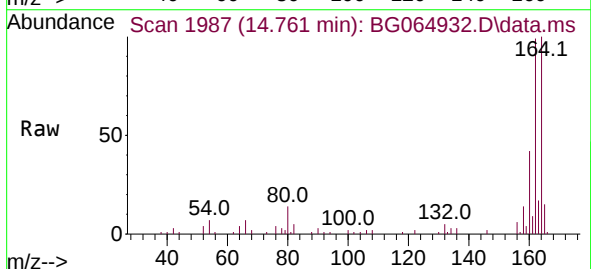
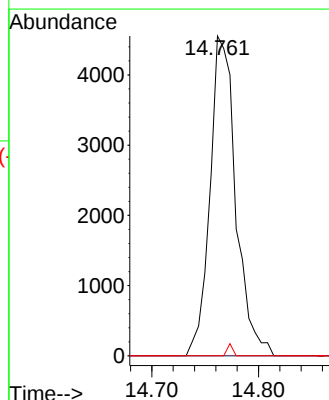
Tgt Ion:165 Resp: 7674

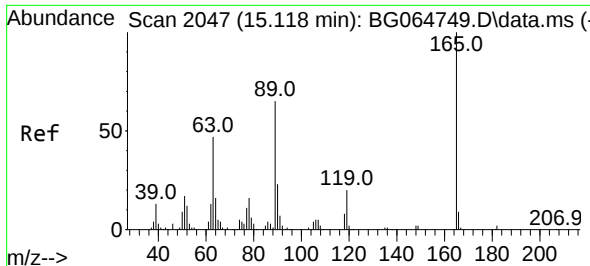
Ion Ratio Lower Upper

165 100

63 0.0 49.8 74.8#

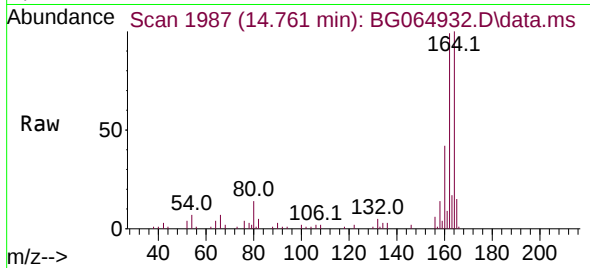
89 0.0 45.0 67.4#



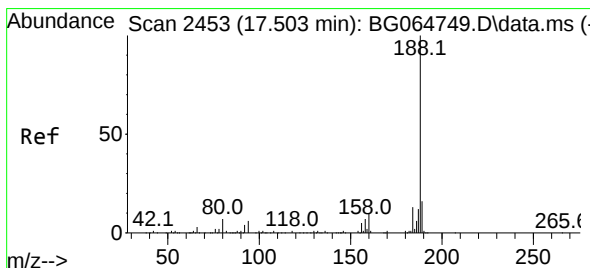
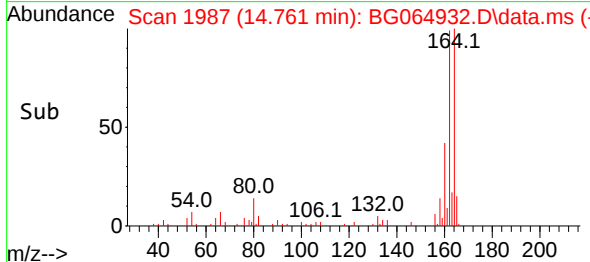
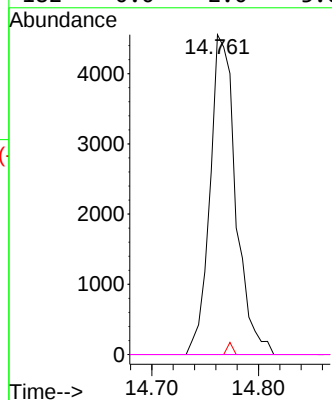


#57
2,4-Dinitrotoluene
Concen: 5.833 ng
RT: 14.761 min Scan# 1987
Delta R.T. -0.356 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :

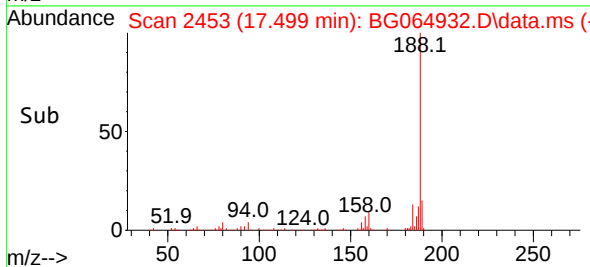
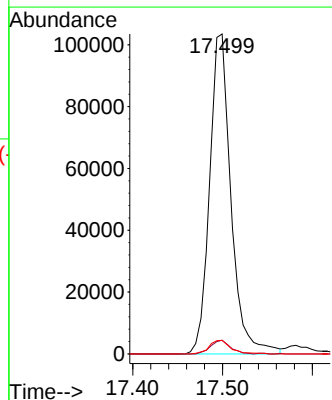
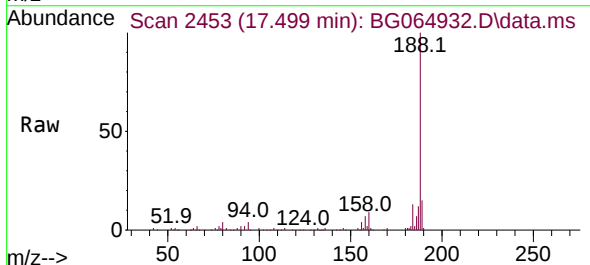


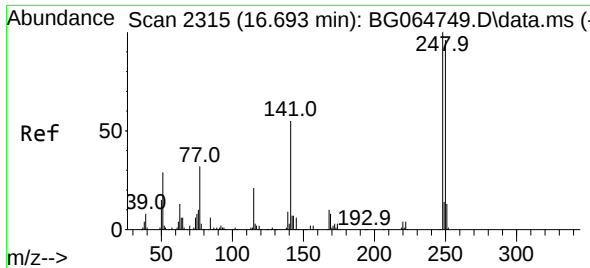
Tgt Ion:165 Resp: 7674
Ion Ratio Lower Upper
165 100
63 0.0 37.8 56.6#
89 0.0 51.6 77.4#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.499 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

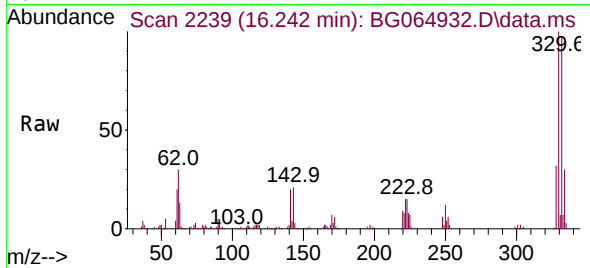
Tgt Ion:188 Resp: 171715
Ion Ratio Lower Upper
188 100
94 4.3 4.7 7.1#
80 4.2 5.4 8.2#



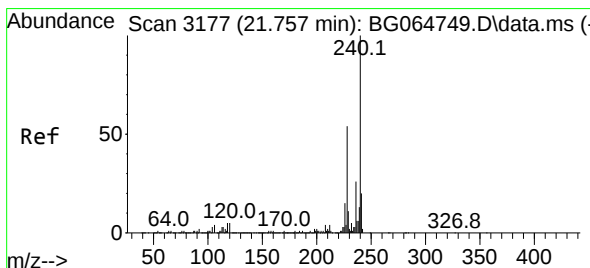
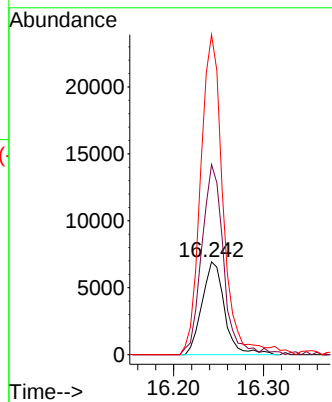
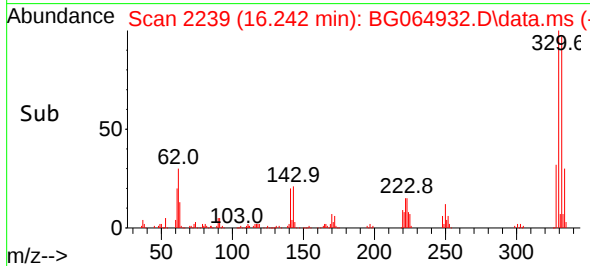


#67
4-Bromophenyl-phenylether
Concen: 5.348 ng
RT: 16.242 min Scan# 211
Delta R.T. -0.450 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

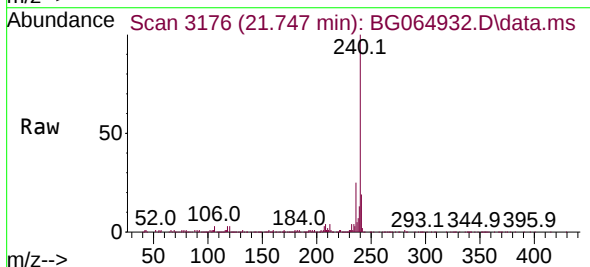
Instrument :
BNA_G
ClientSampleId :



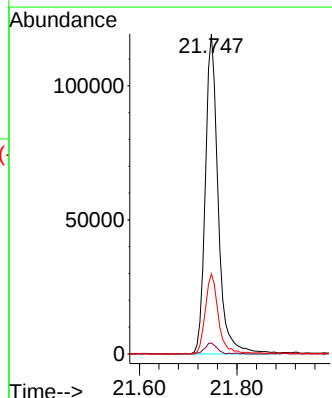
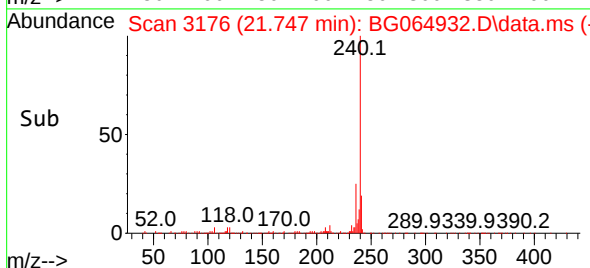
Tgt Ion:248 Resp: 12060
Ion Ratio Lower Upper
248 100
250 205.0 77.0 115.6#
141 345.2 43.7 65.5#

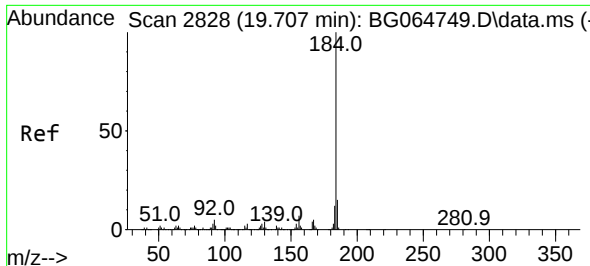


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.747 min Scan# 3176
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16



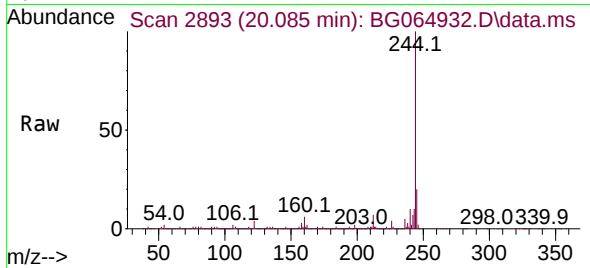
Tgt Ion:240 Resp: 218514
Ion Ratio Lower Upper
240 100
120 3.4 4.2 6.4#
236 25.0 20.8 31.2



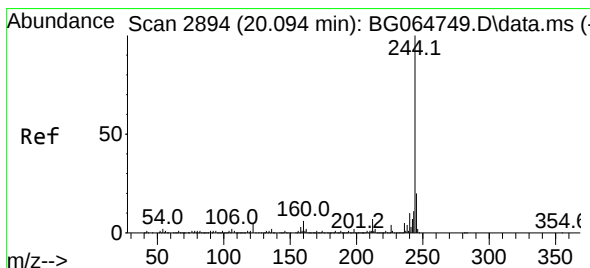
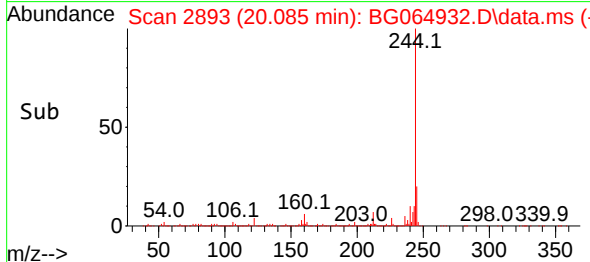
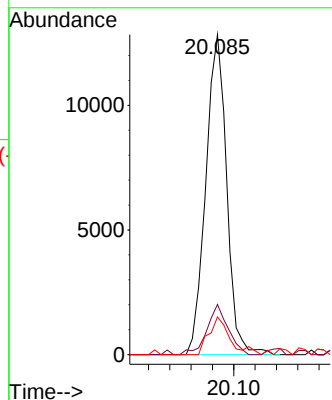


#77
Benzidine
Concen: 2.669 ng
RT: 20.085 min Scan# 2893
Delta R.T. 0.378 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :

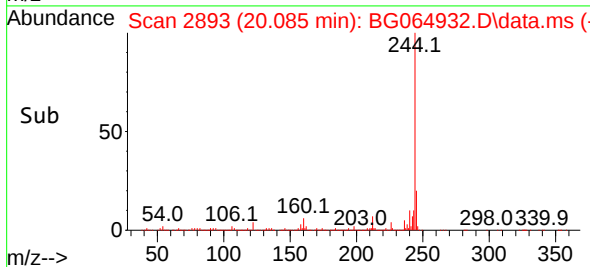
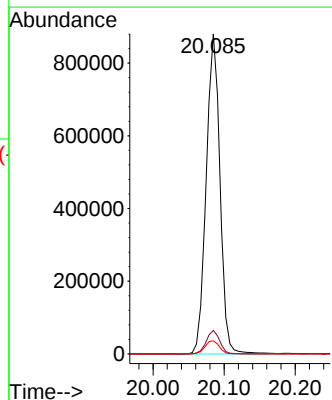
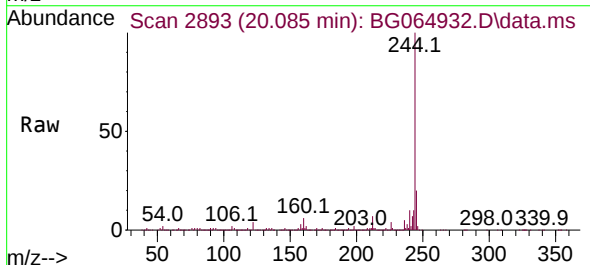


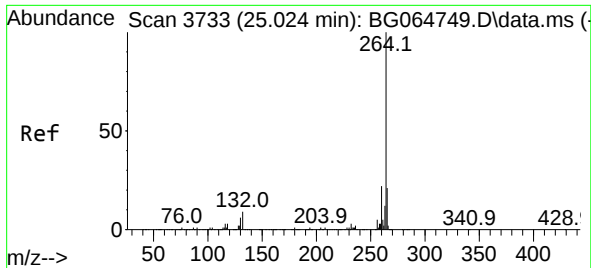
Tgt Ion:184 Resp: 17464
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 11.8 9.8 14.6



#79
Terphenyl-d14
Concen: 105.960 ng
RT: 20.085 min Scan# 2893
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

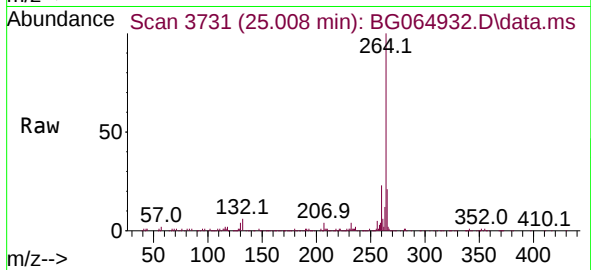
Tgt Ion:244 Resp: 1177049
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 4.1 4.3 6.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: BG064932.D
 Acq: 11 Dec 2025 13:16

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 233564

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.2	25.8
265	21.2	16.6	25.0

