

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064467.D
 Acq On : 29 Sep 2025 20:00
 Operator : RC/JU
 Sample : Q3208-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-ESM-COMP-01

Quant Time: Sep 30 06:57:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

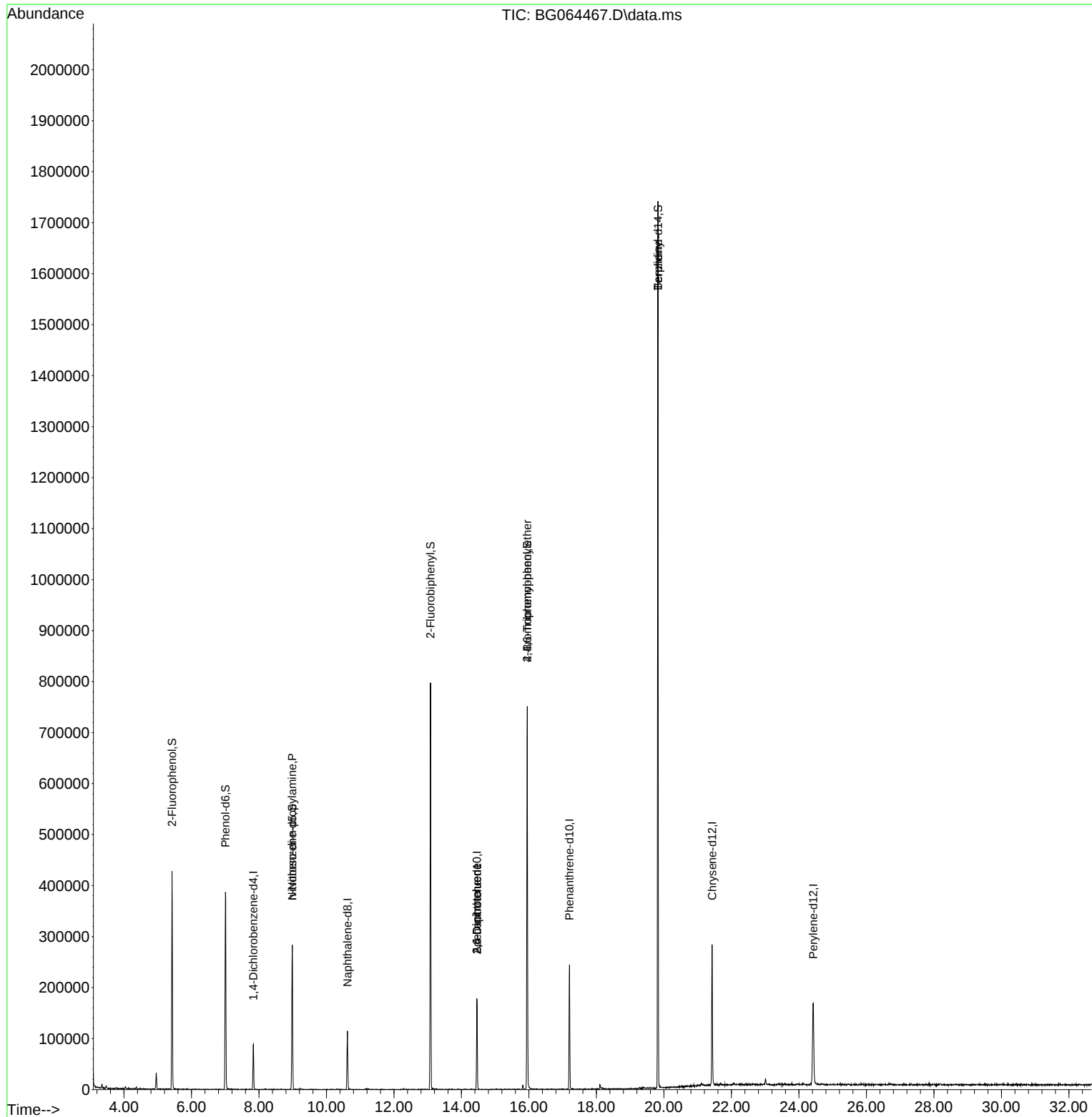
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	21597	20.000	ng	0.00
21) Naphthalene-d8	10.620	136	89089	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	61944	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	148208	20.000	ng	# 0.00
76) Chrysene-d12	21.425	240	163965	20.000	ng	0.00
86) Perylene-d12	24.422	264	173599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.426	112	152106	134.587	ng	0.00
7) Phenol-d6	7.007	99	181721	117.366	ng	0.00
23) Nitrobenzene-d5	8.987	82	146651	89.211	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	150317	139.003	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	381697	90.990	ng	0.00
79) Terphenyl-d14	19.821	244	779452	93.711	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.987	70	21951	20.975	ng	# 75
51) 2,6-Dinitrotoluene	14.457	165	8572	8.624	ng	# 21
57) 2,4-Dinitrotoluene	14.457	165	8572	5.649	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	10386	5.981	ng	# 1
77) Benzidine	19.821	184	15695	3.656	ng	# 92

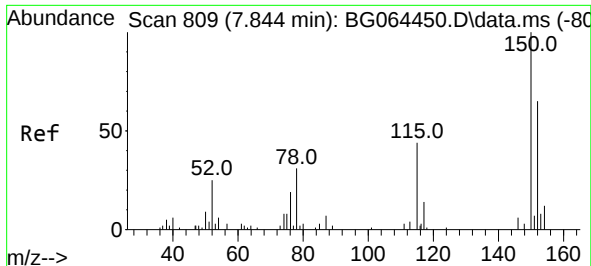
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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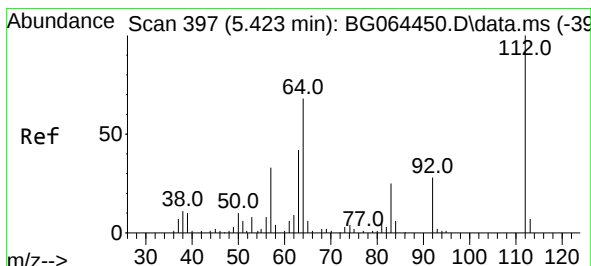
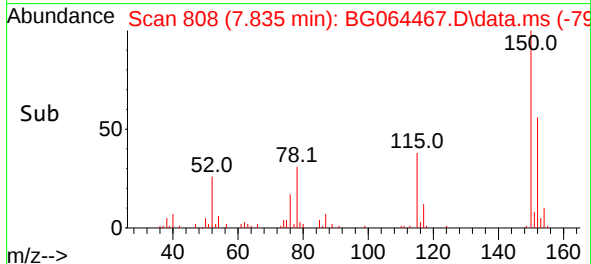
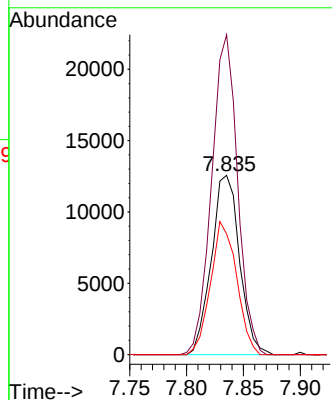
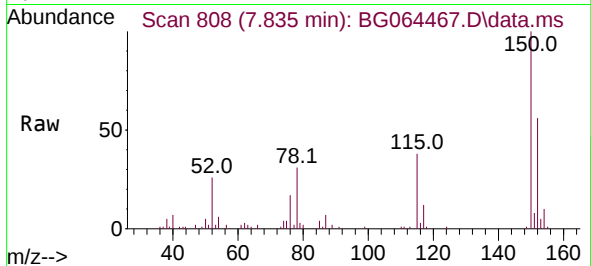




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.835 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

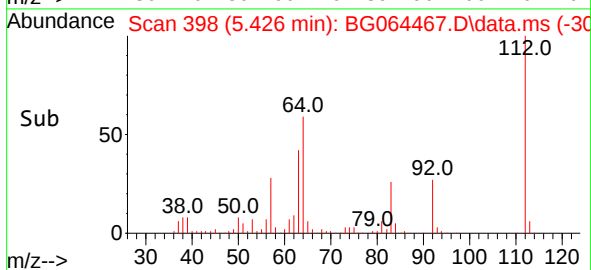
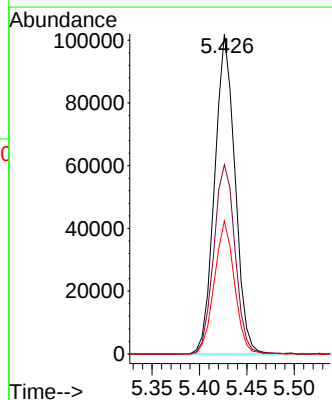
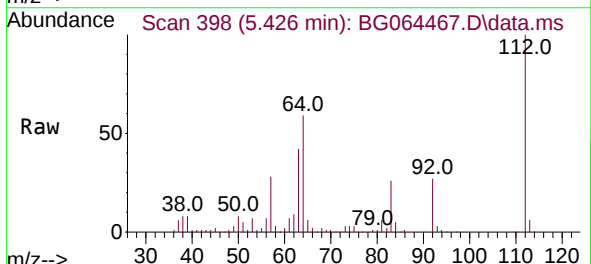
Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-01

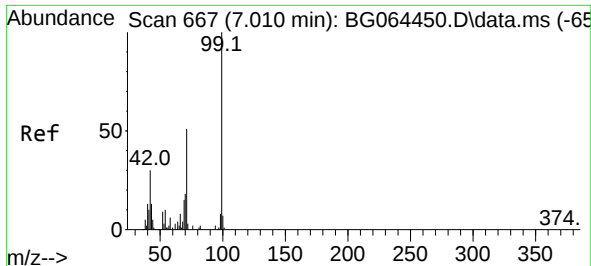
Tgt Ion:152 Resp: 21597
Ion Ratio Lower Upper
152 100
150 178.4 122.9 184.3
115 67.4 54.3 81.5



#5
2-Fluorophenol
Concen: 134.587 ng
RT: 5.426 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

Tgt Ion:112 Resp: 152106
Ion Ratio Lower Upper
112 100
64 59.1 54.0 81.0
63 41.5 33.8 50.6

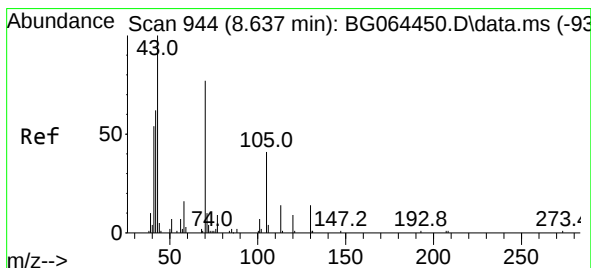
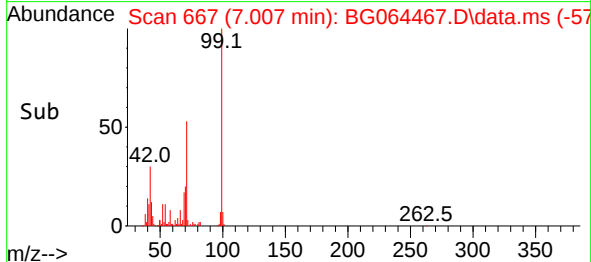
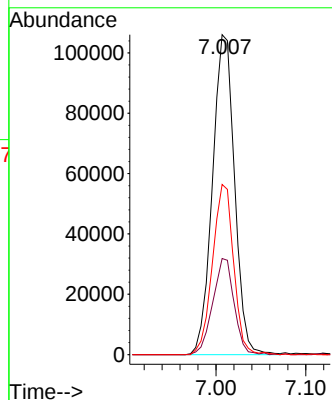
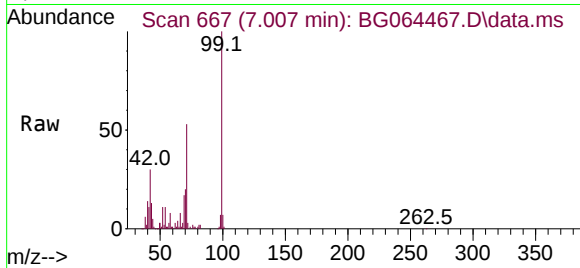




#7
Phenol-d6
Concen: 117.366 ng
RT: 7.007 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

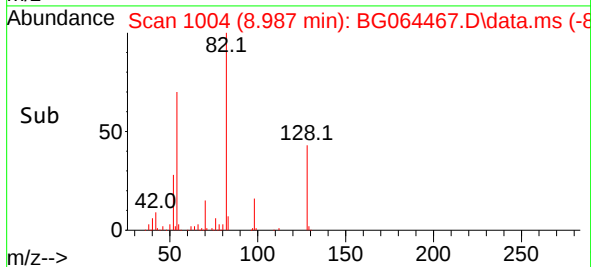
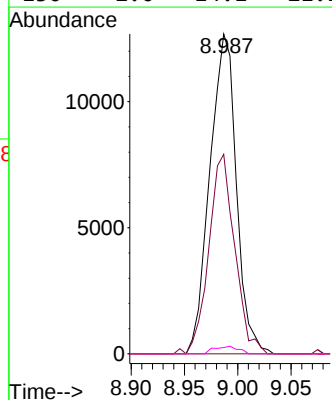
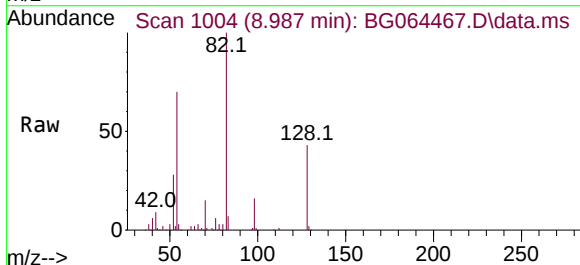
Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-01

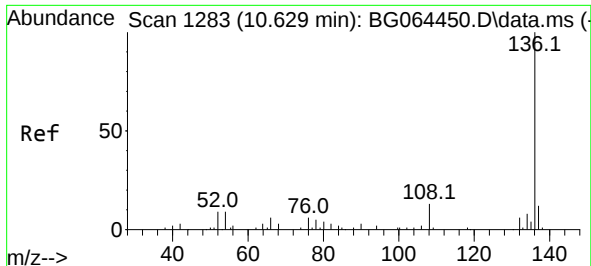
Tgt Ion: 99 Resp: 181721
Ion Ratio Lower Upper
99 100
42 30.0 24.0 36.0
71 53.2 40.5 60.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.975 ng
RT: 8.987 min Scan# 1004
Delta R.T. 0.350 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

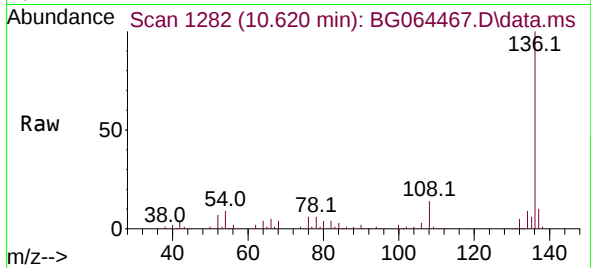
Tgt Ion: 70 Resp: 21951
Ion Ratio Lower Upper
70 100
42 62.4 65.6 98.4#
101 0.0 7.7 11.5#
130 2.0 14.1 21.1#



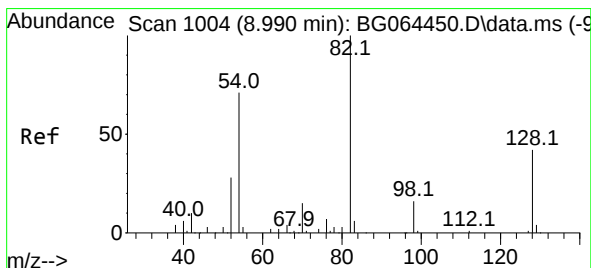
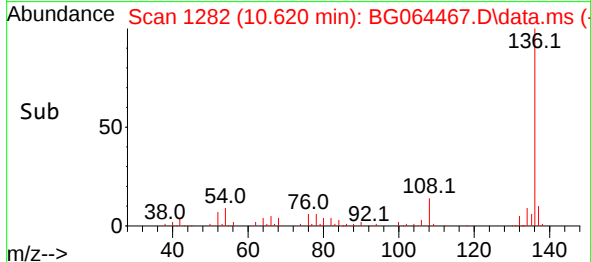
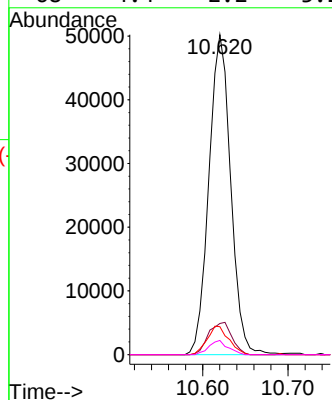


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.620 min Scan# 1283
Delta R.T. -0.009 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-01

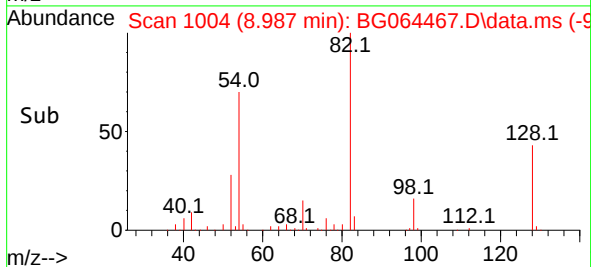
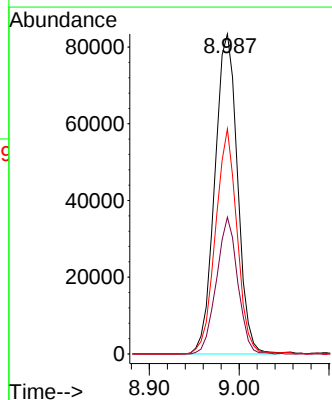
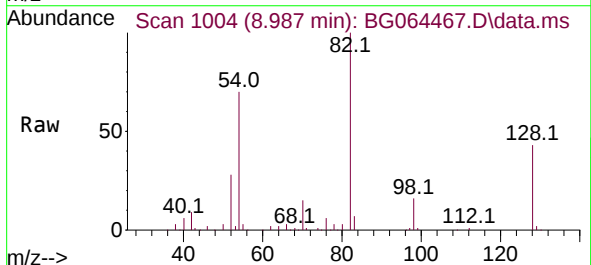


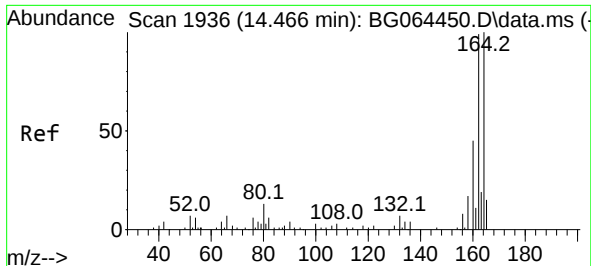
Tgt Ion:136 Resp: 89089
Ion Ratio Lower Upper
136 100
137 9.7 9.6 14.4
54 9.2 7.4 11.2
68 4.4 2.2 3.2#



#23
Nitrobenzene-d5
Concen: 89.211 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

Tgt Ion: 82 Resp: 146651
Ion Ratio Lower Upper
82 100
128 42.7 33.7 50.5
54 70.3 57.0 85.6

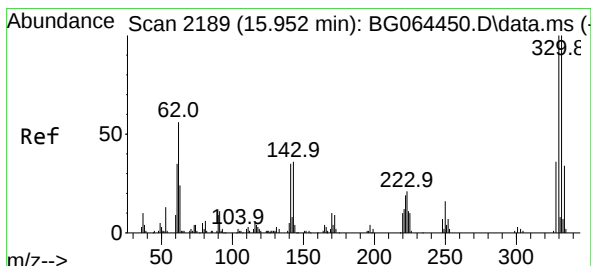
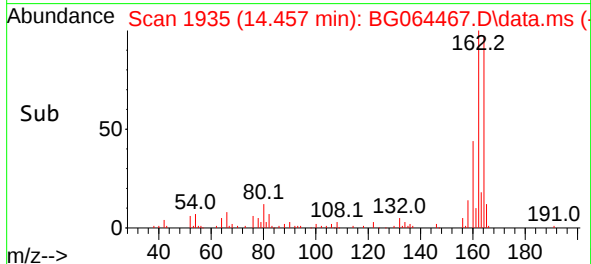
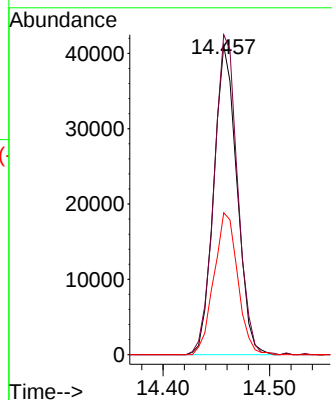
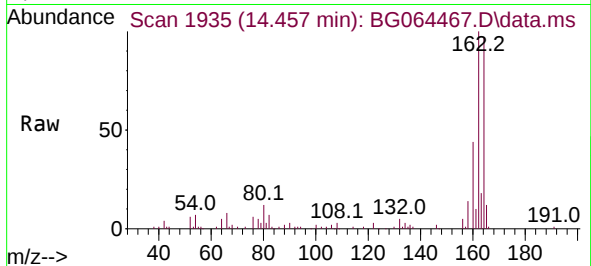




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

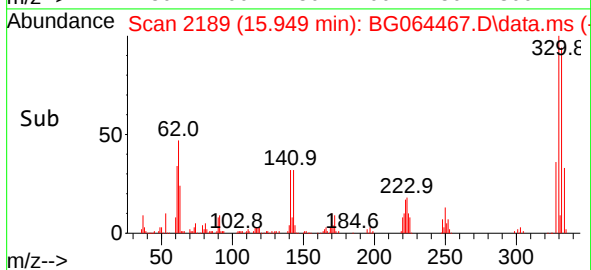
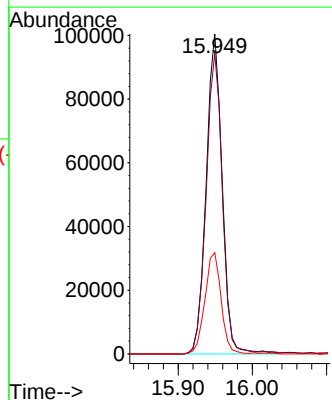
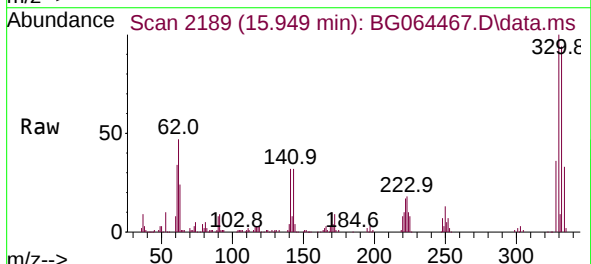
Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-01

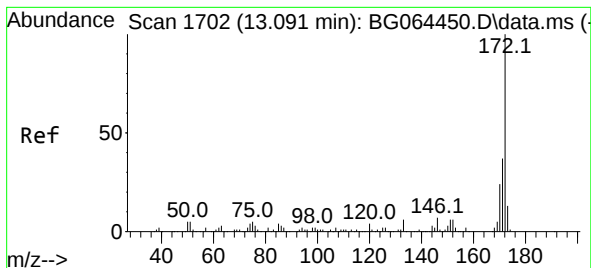
Tgt Ion:164 Resp: 61944
Ion Ratio Lower Upper
164 100
162 103.5 79.0 118.4
160 45.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 139.003 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

Tgt Ion:330 Resp: 150317
Ion Ratio Lower Upper
330 100
332 95.0 78.8 118.2
141 32.0 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 90.990 ng

RT: 13.082 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064467.D

Acq: 29 Sep 2025 20:00

Instrument :

BNA_G

ClientSampleId :

SU-ESM-COMP-01

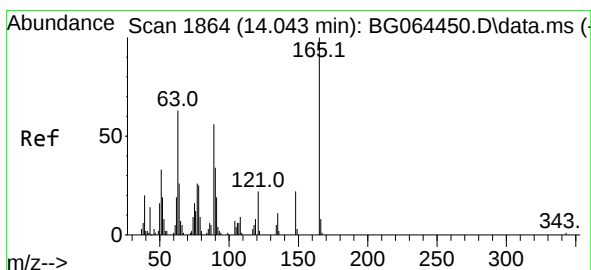
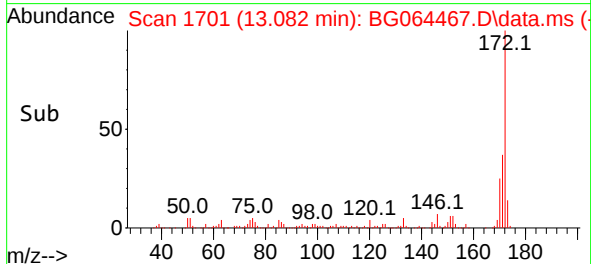
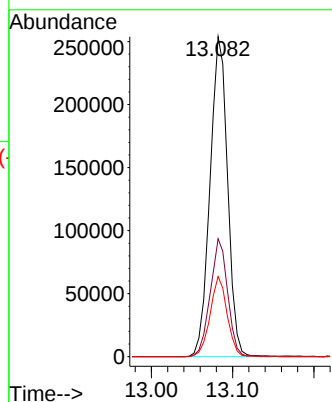
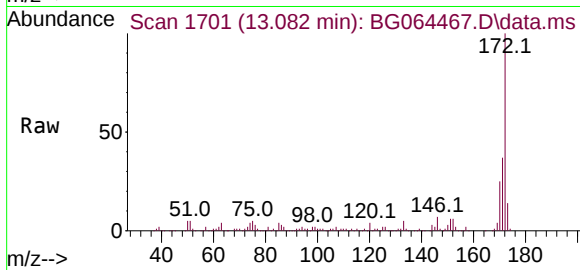
Tgt Ion:172 Resp: 381697

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.2

170 25.0 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.624 ng

RT: 14.457 min Scan# 1935

Delta R.T. 0.414 min

Lab File: BG064467.D

Acq: 29 Sep 2025 20:00

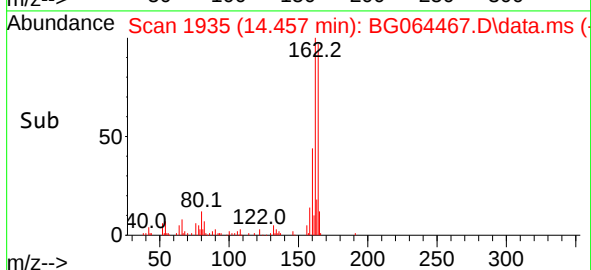
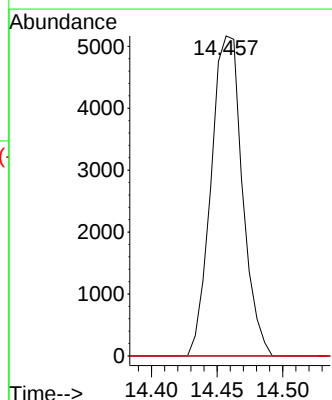
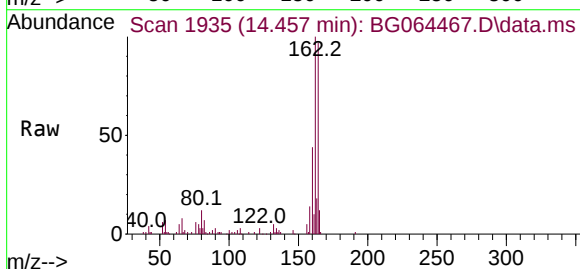
Tgt Ion:165 Resp: 8572

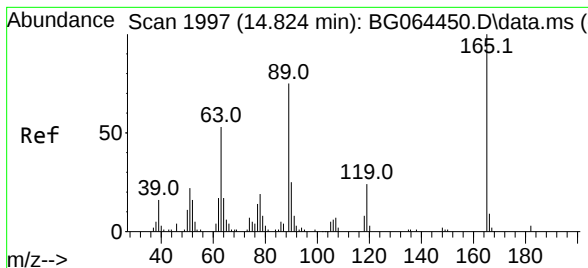
Ion Ratio Lower Upper

165 100

63 0.0 50.6 75.8#

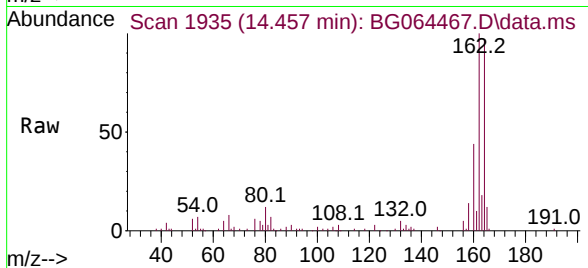
89 0.0 44.6 67.0#



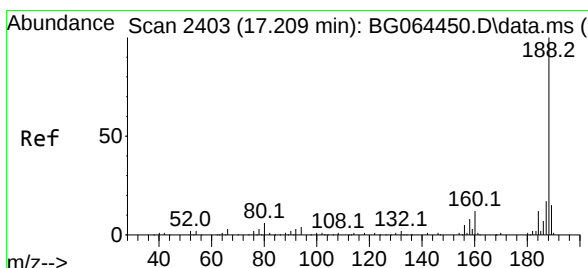
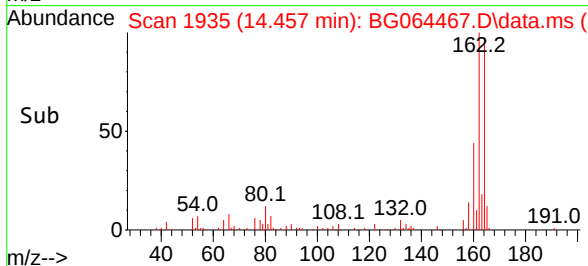
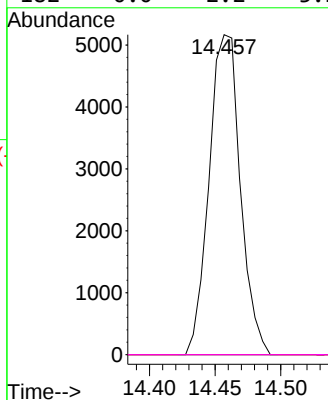


#57
2,4-Dinitrotoluene
Concen: 5.649 ng
RT: 14.457 min Scan# 1997
Delta R.T. -0.367 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-01

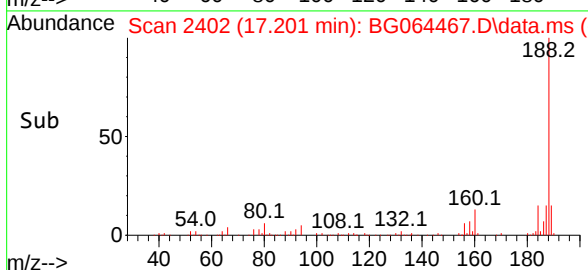
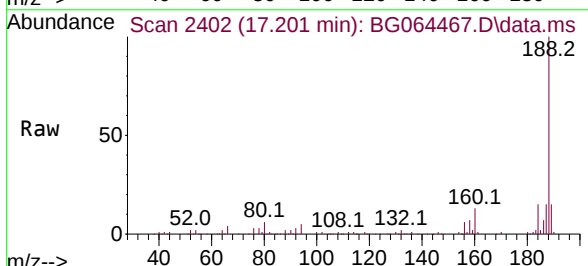
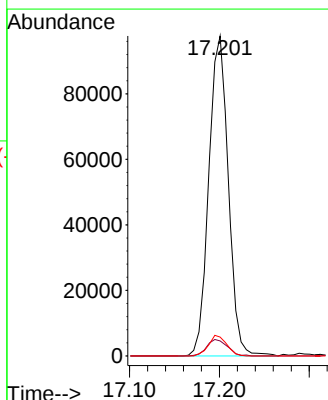


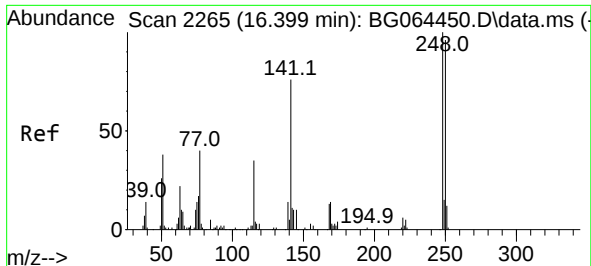
Tgt Ion:165	Resp:	8572
Ion	Ratio	Lower Upper
165	100	
63	0.0	42.6 63.8#
89	0.0	59.7 89.5#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

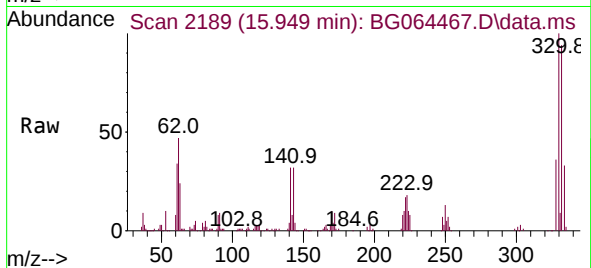
Tgt Ion:188	Resp:	148208
Ion	Ratio	Lower Upper
188	100	
94	4.7	3.0 4.4#
80	5.9	4.9 7.3



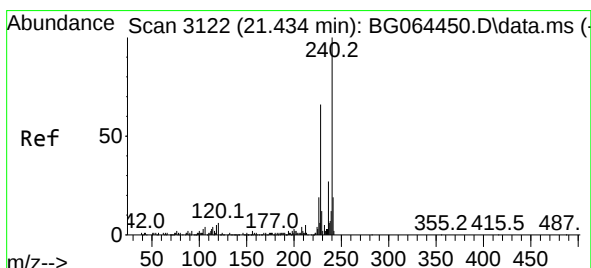
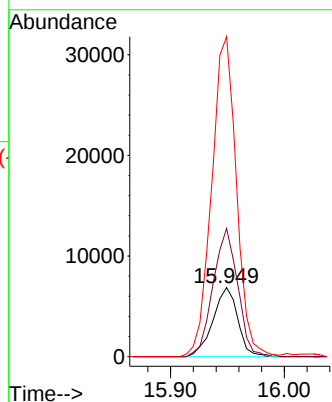
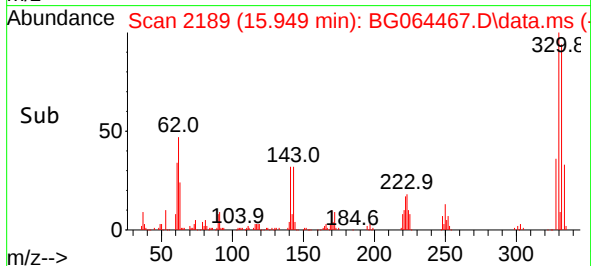


#67
4-Bromophenyl-phenylether
Concen: 5.981 ng
RT: 15.949 min Scan# 211
Delta R.T. -0.449 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

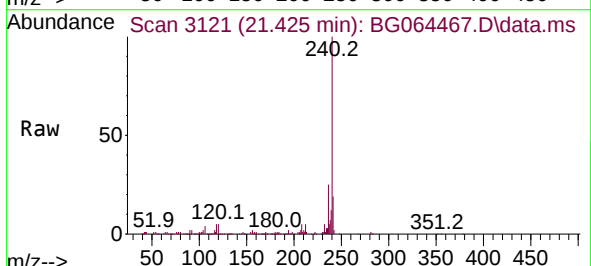
Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-01



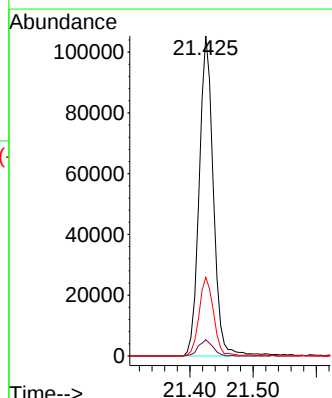
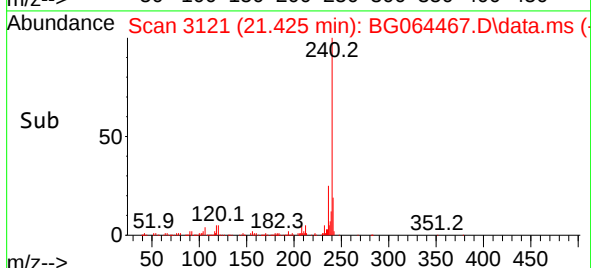
Tgt Ion:248 Resp: 10386
Ion Ratio Lower Upper
248 100
250 185.6 77.0 115.6#
141 463.1 61.1 91.7#

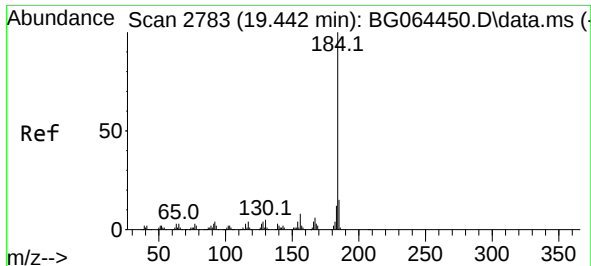


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.009 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00



Tgt Ion:240 Resp: 163965
Ion Ratio Lower Upper
240 100
120 5.1 5.0 7.4
236 24.5 21.9 32.9

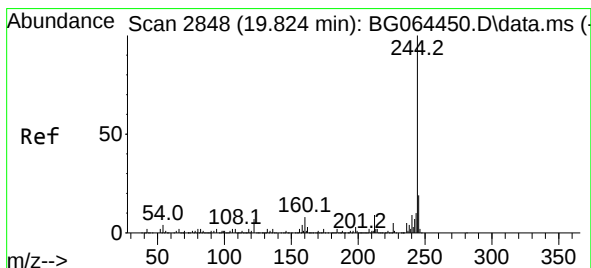
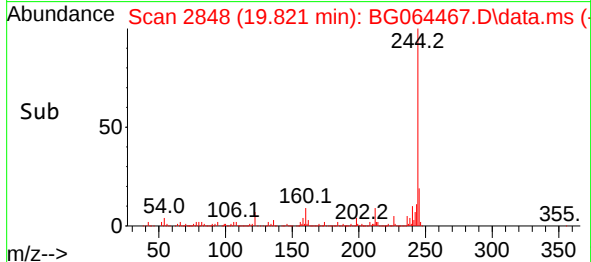
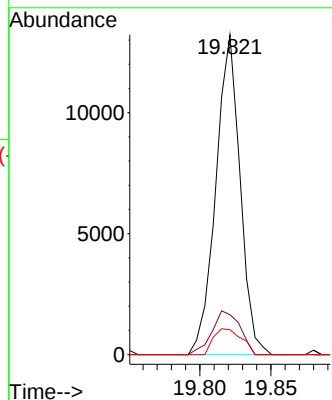
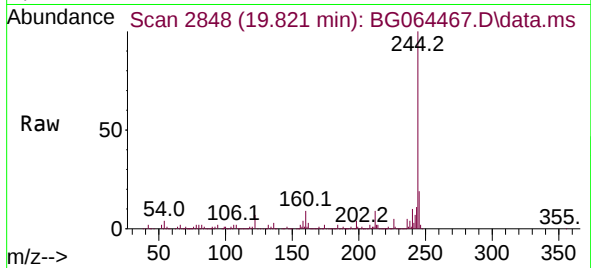




#77
Benzidine
Concen: 3.656 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.379 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

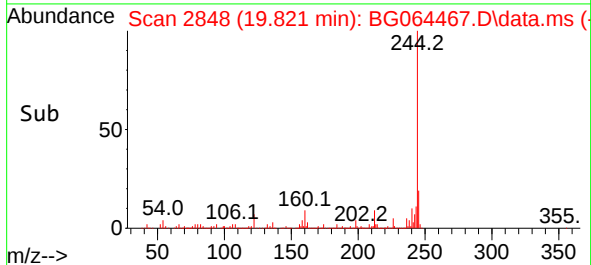
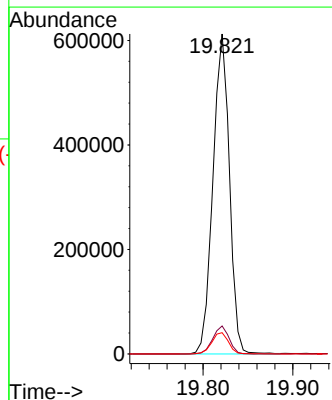
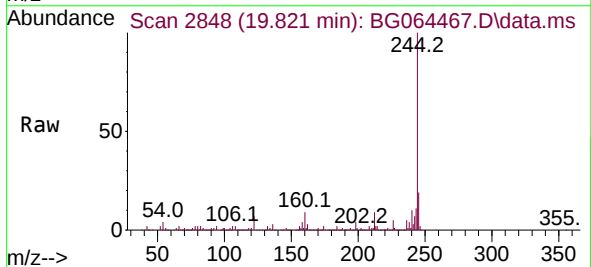
Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-01

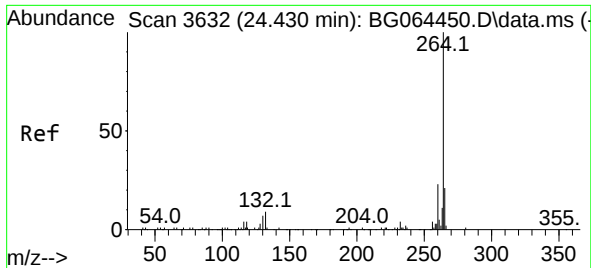
Tgt Ion:184 Resp: 15695
Ion Ratio Lower Upper
184 100
185 12.5 11.7 17.5
183 7.8 10.0 15.0#



#79
Terphenyl-d14
Concen: 93.711 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

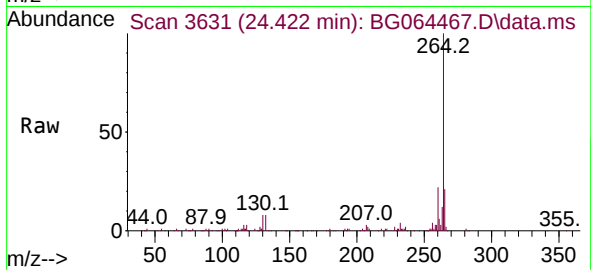
Tgt Ion:244 Resp: 779452
Ion Ratio Lower Upper
244 100
212 8.8 7.2 10.8
122 6.6 5.7 8.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.422 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG064467.D
Acq: 29 Sep 2025 20:00

Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-01



Tgt Ion:264 Resp: 173599
Ion Ratio Lower Upper
264 100
260 21.8 18.6 27.8
265 20.9 16.7 25.1

