

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037625.D
 Acq On : 20 Aug 2025 08:25
 Operator : RC/JU
 Sample : Q2882-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250814

Quant Time: Aug 20 08:50:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

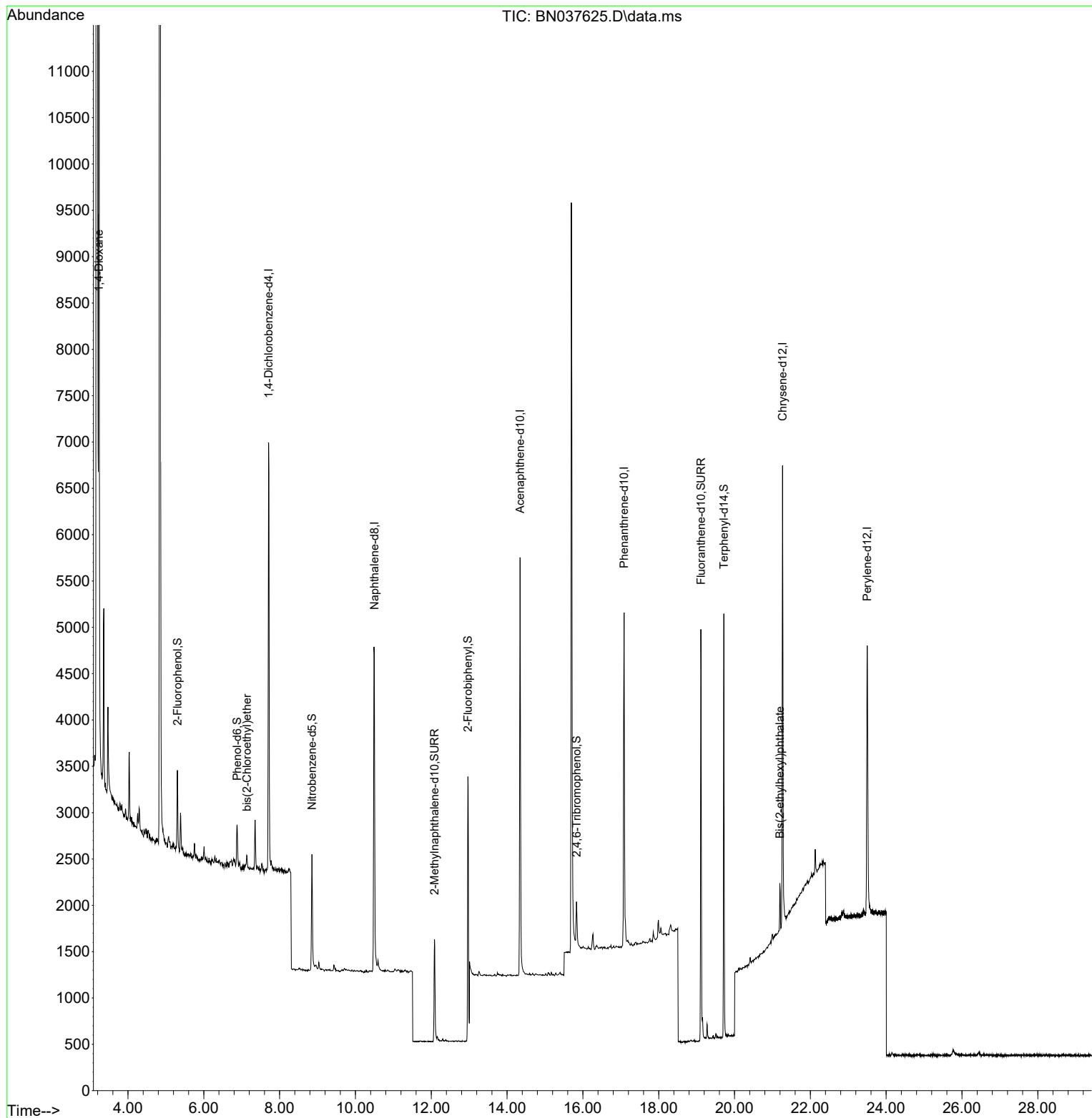
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2353	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5433	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2588	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5428	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4730	0.400	ng	# 0.00
35) Perylene-d12	23.501	264	4157	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	675	0.127	ng	0.00
5) Phenol-d6	6.879	99	446	0.069	ng	0.00
8) Nitrobenzene-d5	8.854	82	1124	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1686	0.228	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	328	0.290	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	4052	0.271	ng	-0.01
27) Fluoranthene-d10	19.113	212	5003	0.350	ng	0.00
31) Terphenyl-d14	19.717	244	4225	0.434	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	6234	2.769	ng	97
6) bis(2-Chloroethyl)ether	7.139	93	116	0.020	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.196	149	539	0.083	ng	# 92

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

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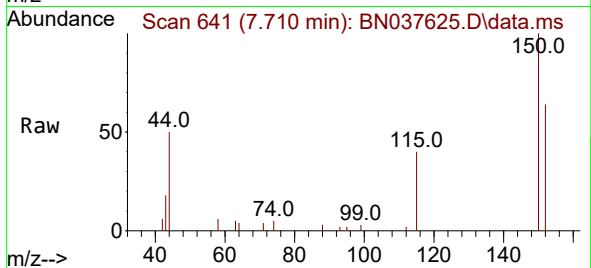
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
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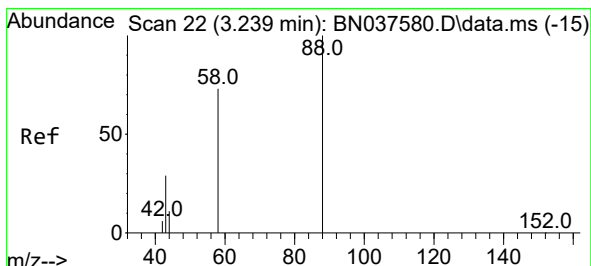
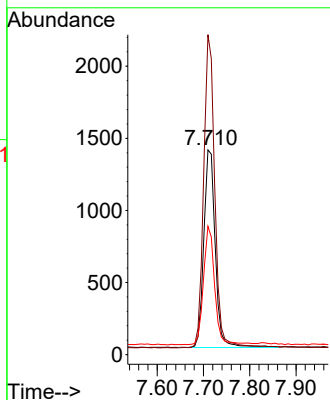
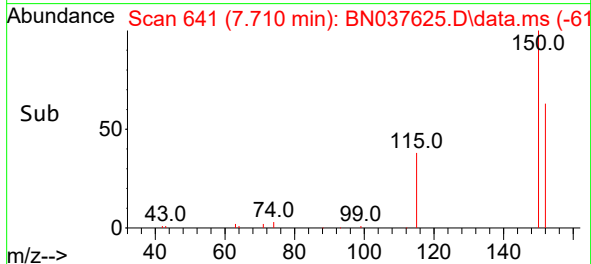


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037625.D
 Acq: 20 Aug 2025 08:25

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250814

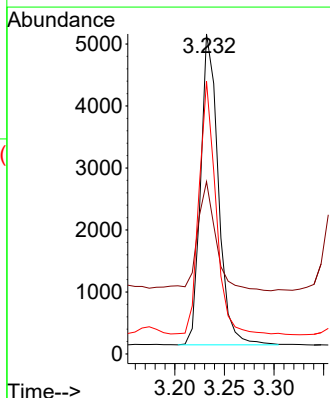
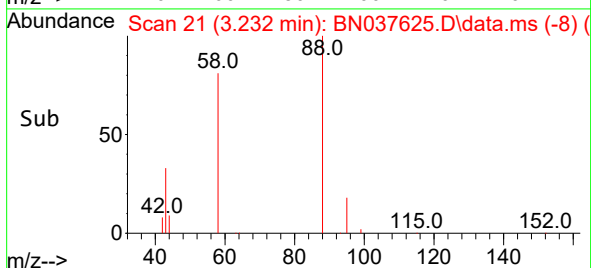
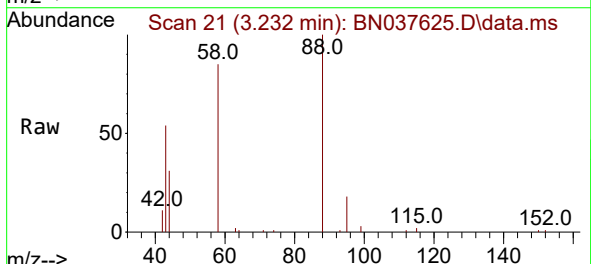


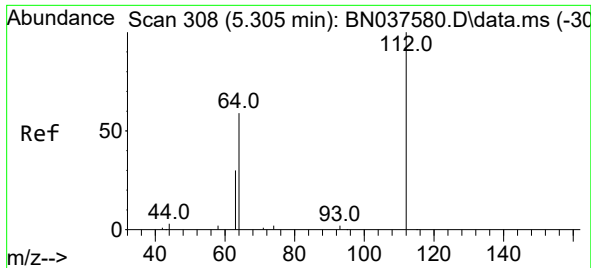
Tgt Ion:152 Resp: 2353
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.2 183.4
 115 62.7 49.8 74.6



#2
 1,4-Dioxane
 Concen: 2.769 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037625.D
 Acq: 20 Aug 2025 08:25

Tgt Ion: 88 Resp: 6234
 Ion Ratio Lower Upper
 88 100
 43 37.3 25.8 38.6
 58 77.2 61.2 91.8

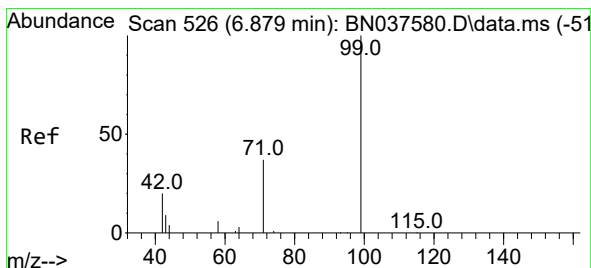
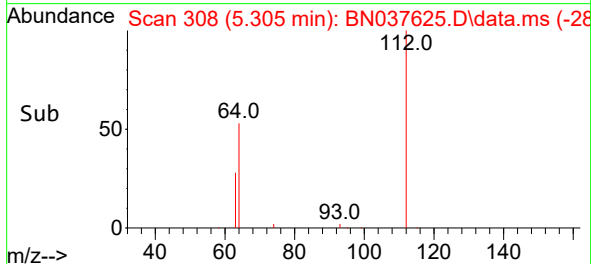
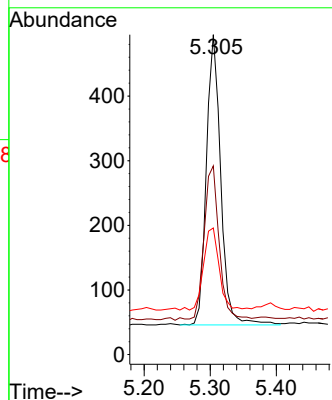
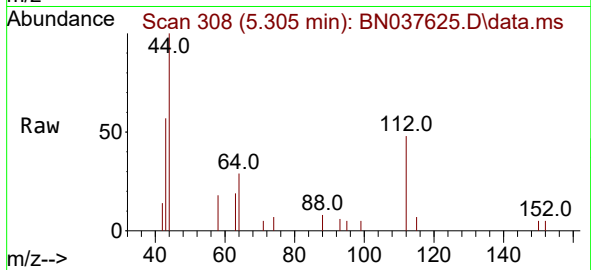




#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

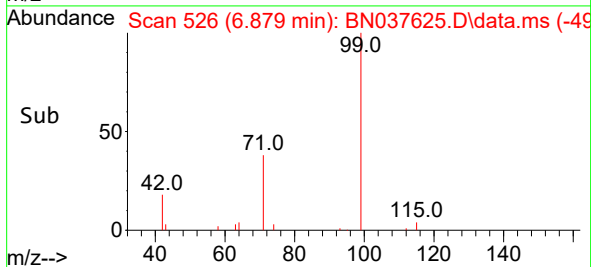
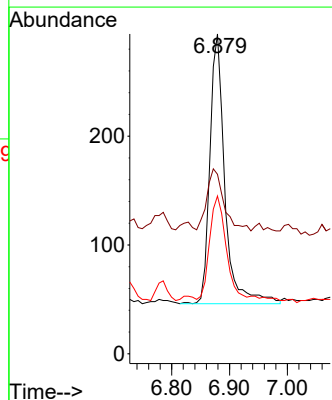
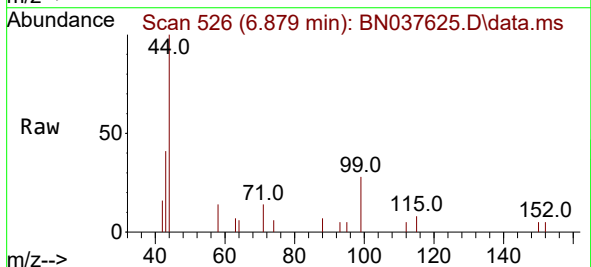
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250814

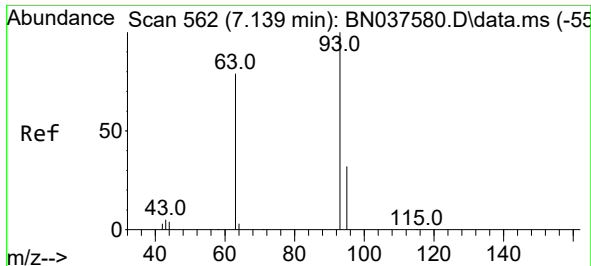
Tgt Ion:112 Resp: 675
Ion Ratio Lower Upper
112 100
64 56.7 44.9 67.3
63 31.6 23.4 35.2



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion: 99 Resp: 446
Ion Ratio Lower Upper
99 100
42 27.8 18.5 27.7#
71 44.4 28.6 42.8#

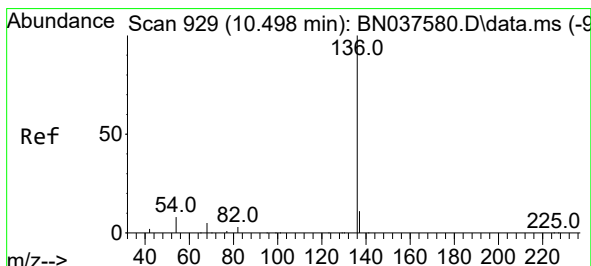
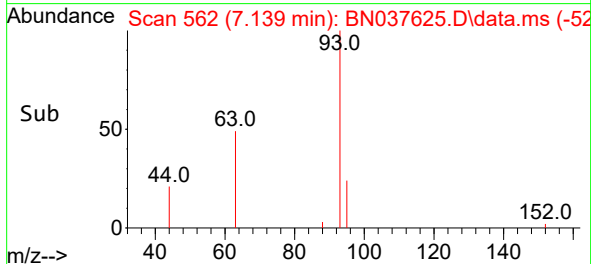
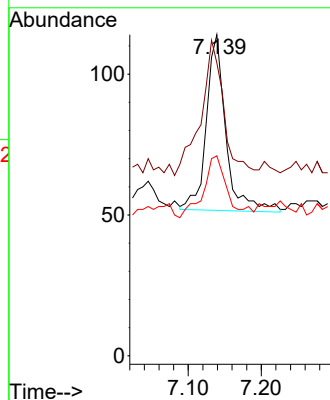
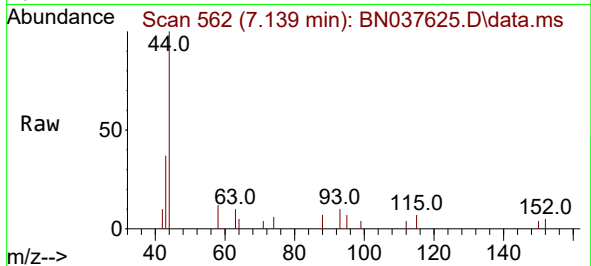




#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

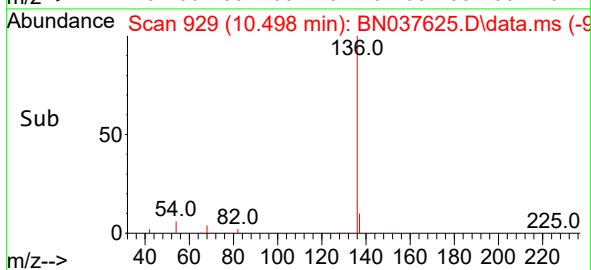
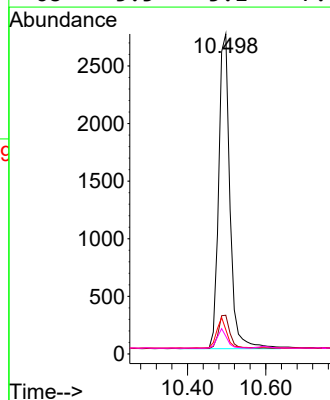
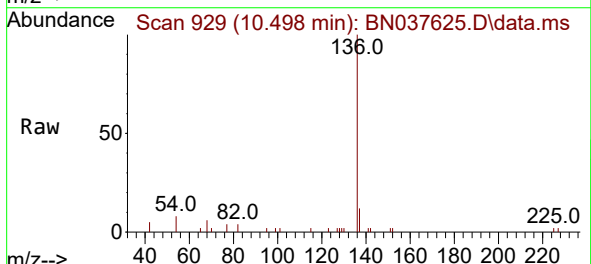
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250814

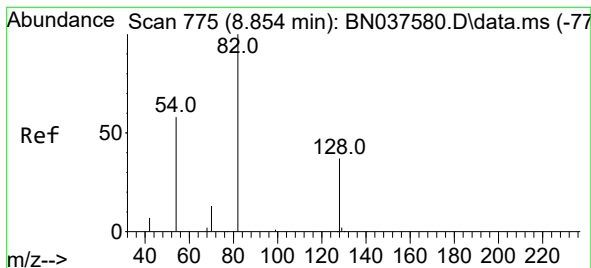
Tgt Ion: 93 Resp: 116
Ion Ratio Lower Upper
93 100
63 93.1 58.0 87.0#
95 41.4 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion: 136 Resp: 5433
Ion Ratio Lower Upper
136 100
137 12.1 9.5 14.3
54 7.6 7.3 10.9
68 5.5 5.1 7.7





#8

Nitrobenzene-d5

Concen: 0.294 ng

RT: 8.854 min Scan# 71

Delta R.T. -0.000 min

Lab File: BN037625.D

Acq: 20 Aug 2025 08:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250814

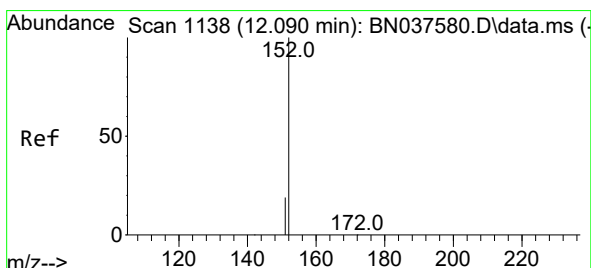
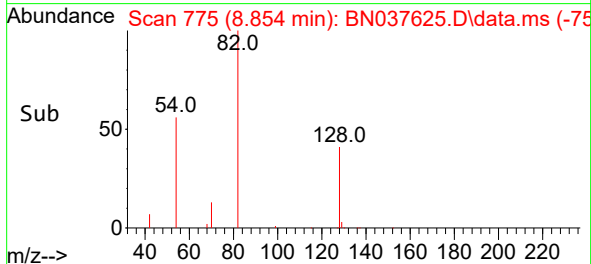
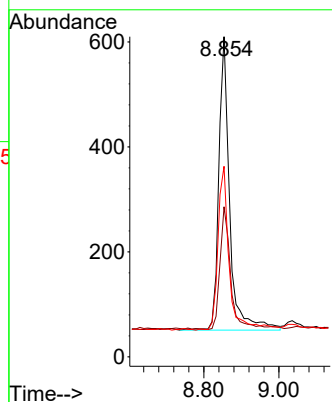
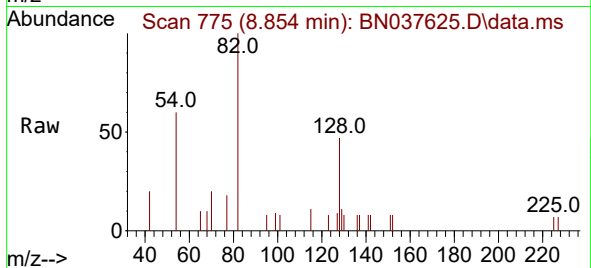
Tgt Ion: 82 Resp: 1124

Ion Ratio Lower Upper

82 100

128 46.9 32.6 48.8

54 59.5 48.9 73.3



#11

2-Methylnaphthalene-d10

Concen: 0.228 ng

RT: 12.085 min Scan# 1137

Delta R.T. -0.005 min

Lab File: BN037625.D

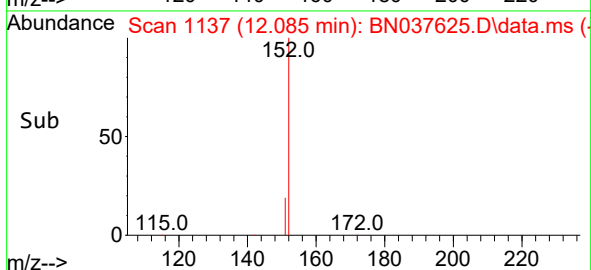
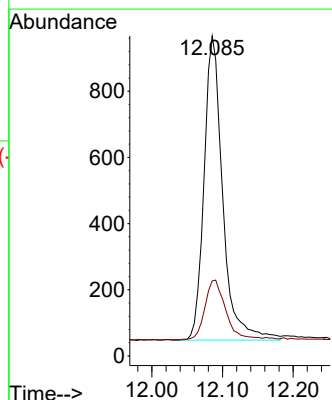
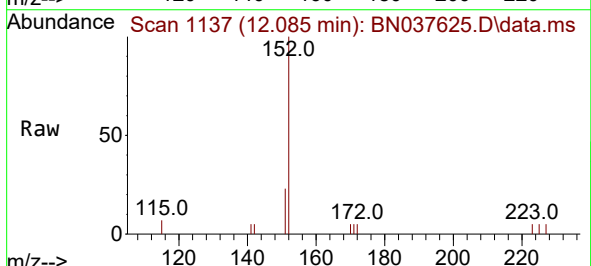
Acq: 20 Aug 2025 08:25

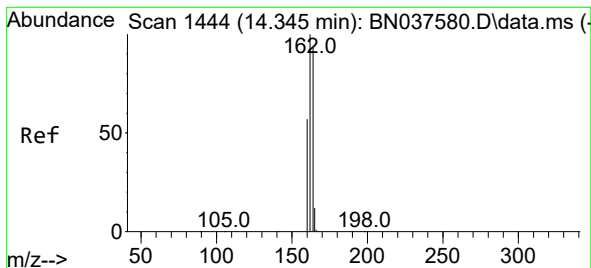
Tgt Ion:152 Resp: 1686

Ion Ratio Lower Upper

152 100

151 21.8 17.3 25.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BN037625.D

Acq: 20 Aug 2025 08:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250814

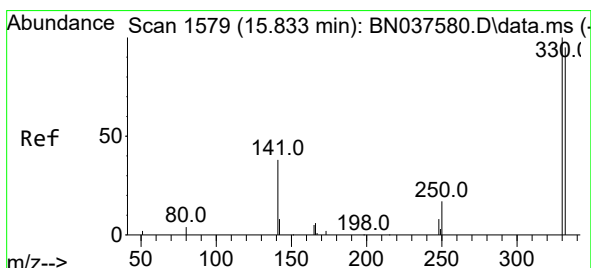
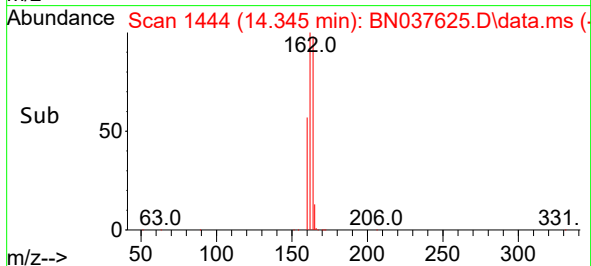
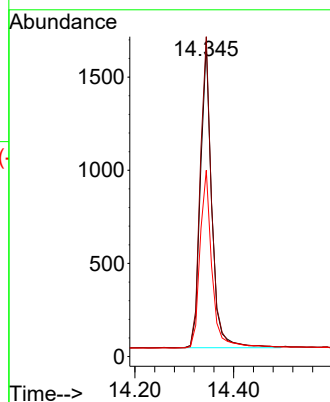
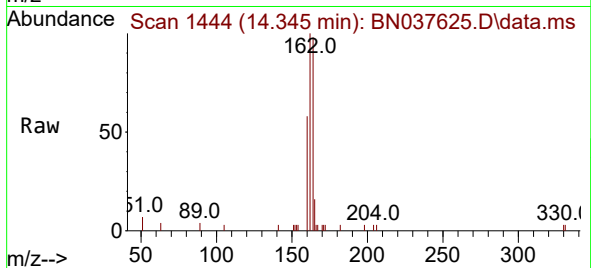
Tgt Ion:164 Resp: 2588

Ion Ratio Lower Upper

164 100

162 102.3 85.5 128.3

160 59.6 49.5 74.3



#14

2,4,6-Tribromophenol

Concen: 0.290 ng

RT: 15.833 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BN037625.D

Acq: 20 Aug 2025 08:25

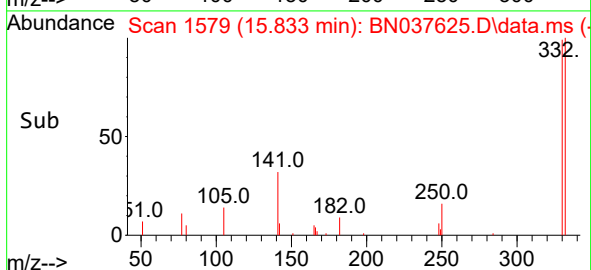
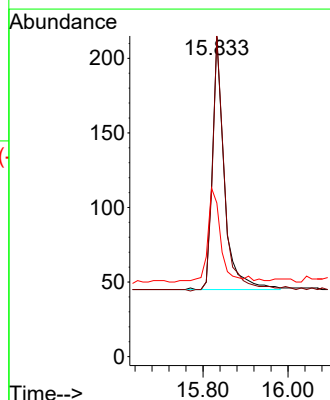
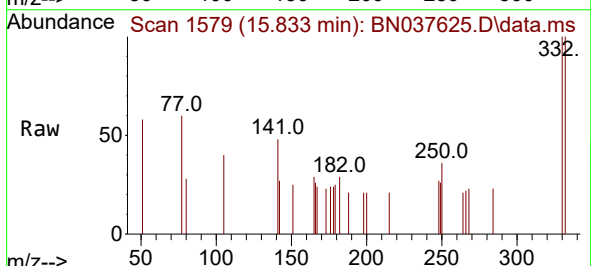
Tgt Ion:330 Resp: 328

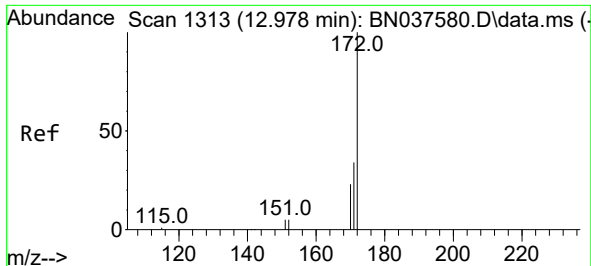
Ion Ratio Lower Upper

330 100

332 100.6 77.4 116.0

141 42.1 30.9 46.3

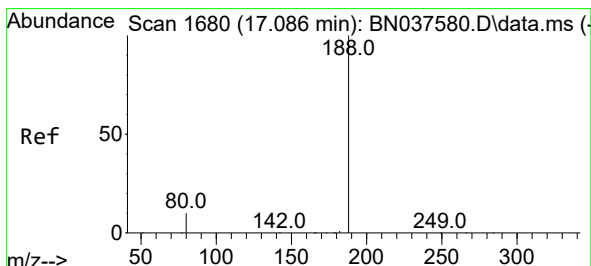
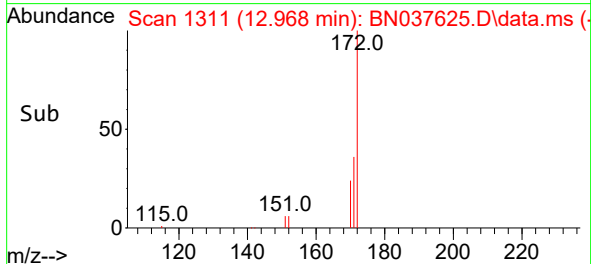
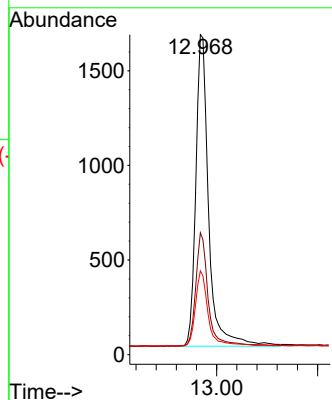
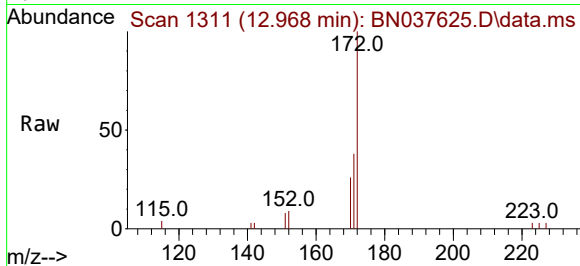




#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

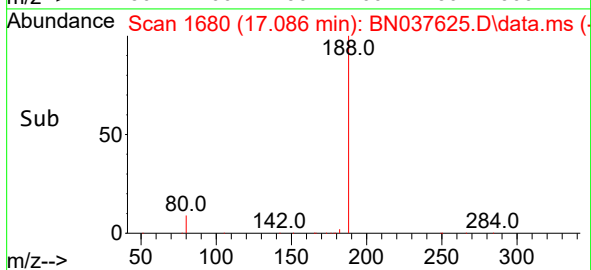
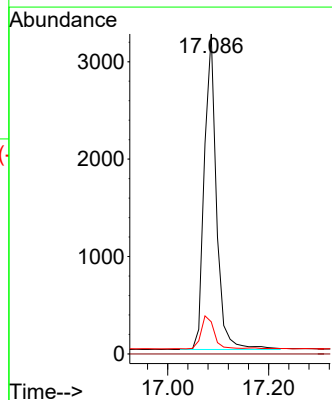
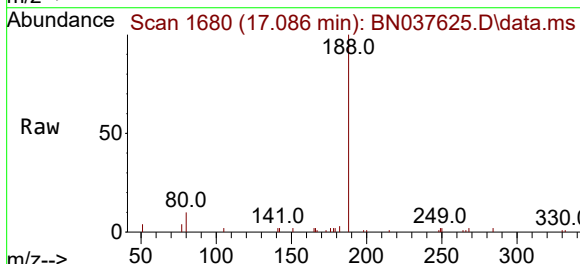
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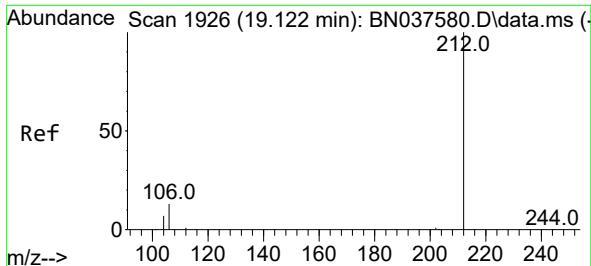
Tgt Ion:	172	Resp:	4052
Ion Ratio	Lower	Upper	
172	100		
171	38.1	28.2	42.4
170	26.2	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion:	188	Resp:	5428
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.0	9.1	13.7

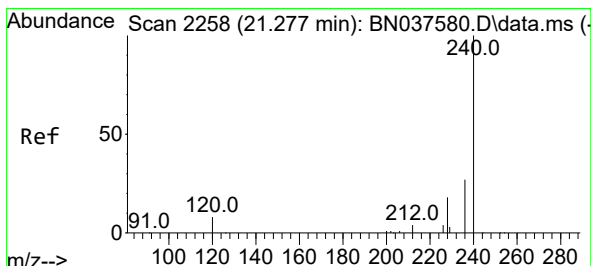
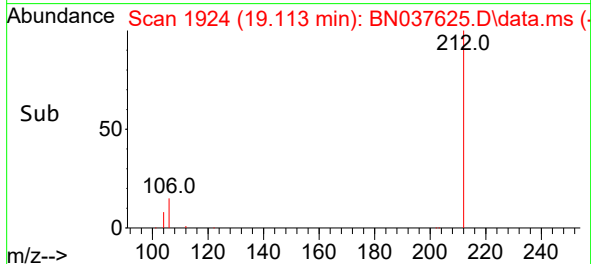
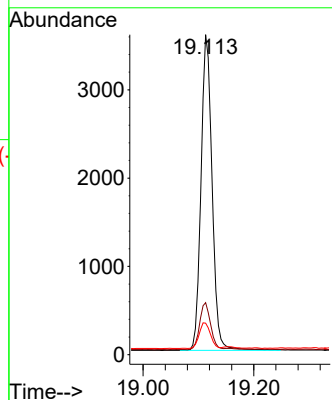
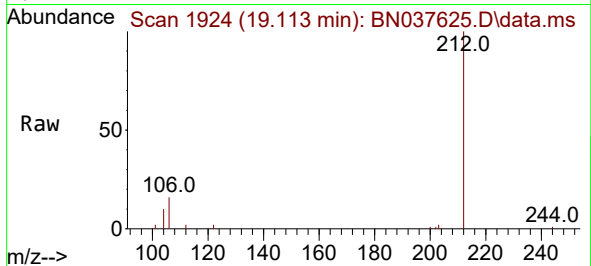




#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

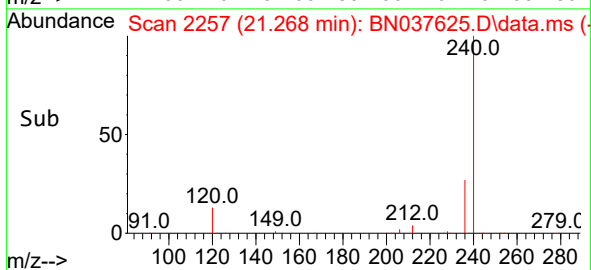
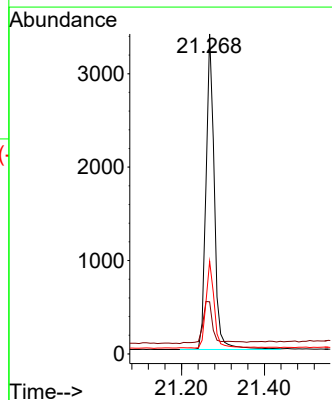
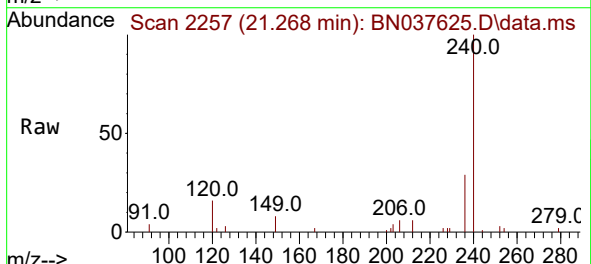
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250814

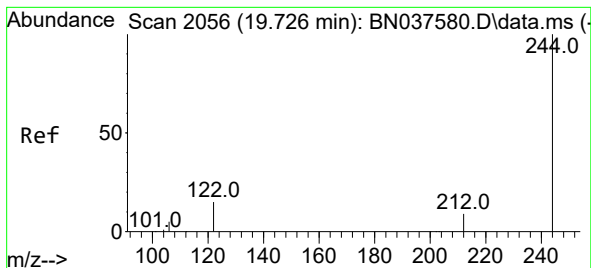
Tgt Ion:212 Resp: 5003
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion:240 Resp: 4730
Ion Ratio Lower Upper
240 100
120 16.3 8.9 13.3#
236 28.9 22.6 33.8





#31

Terphenyl-d14

Concen: 0.434 ng

RT: 19.717 min Scan# 2056

Delta R.T. -0.009 min

Lab File: BN037625.D

Acq: 20 Aug 2025 08:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250814

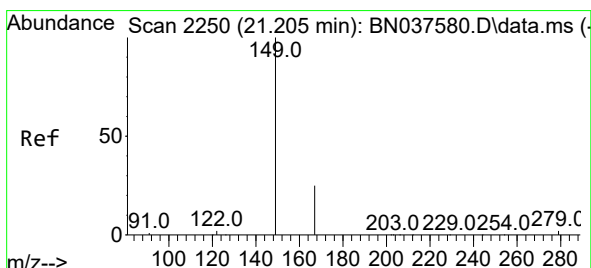
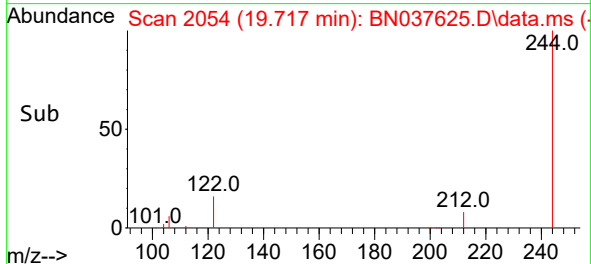
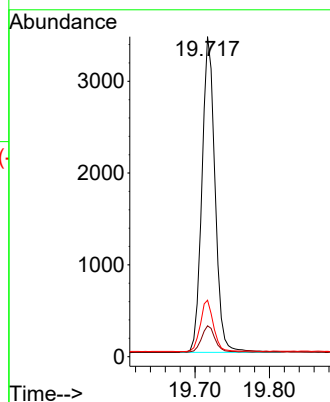
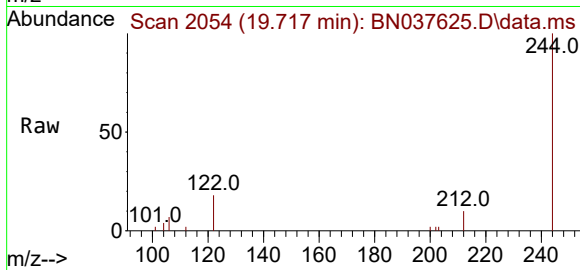
Tgt Ion:244 Resp: 4225

Ion Ratio Lower Upper

244 100

212 9.6 8.2 12.2

122 17.6 13.2 19.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

RT: 21.196 min Scan# 2249

Delta R.T. -0.009 min

Lab File: BN037625.D

Acq: 20 Aug 2025 08:25

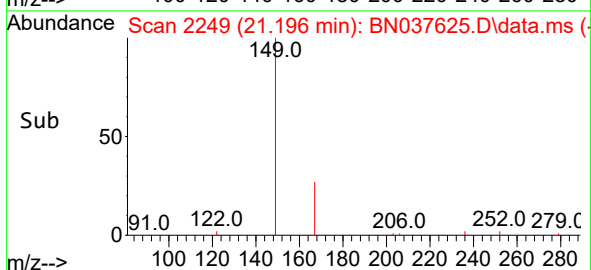
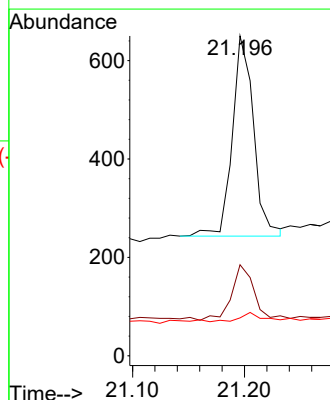
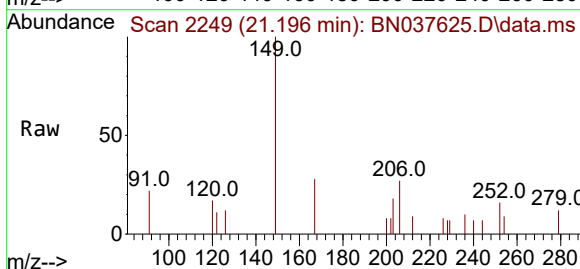
Tgt Ion:149 Resp: 539

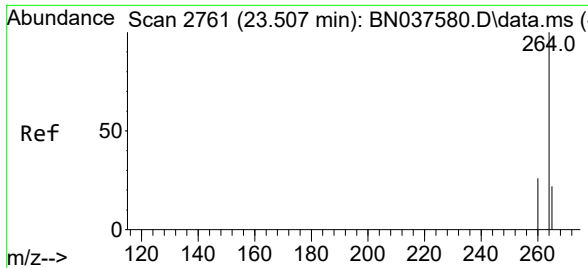
Ion Ratio Lower Upper

149 100

167 29.7 20.5 30.7

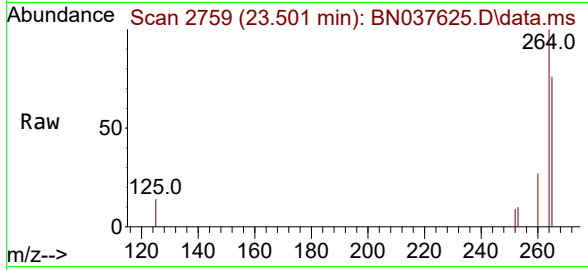
279 5.9 2.6 4.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250814



Tgt Ion:	264	Resp:	4157
Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.6	32.4
265	76.4	48.2	72.4

