

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036577.D
 Acq On : 11 Mar 2025 11:56
 Operator : RC/JU
 Sample : Q1531-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20250305

Quant Time: Mar 11 12:20:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

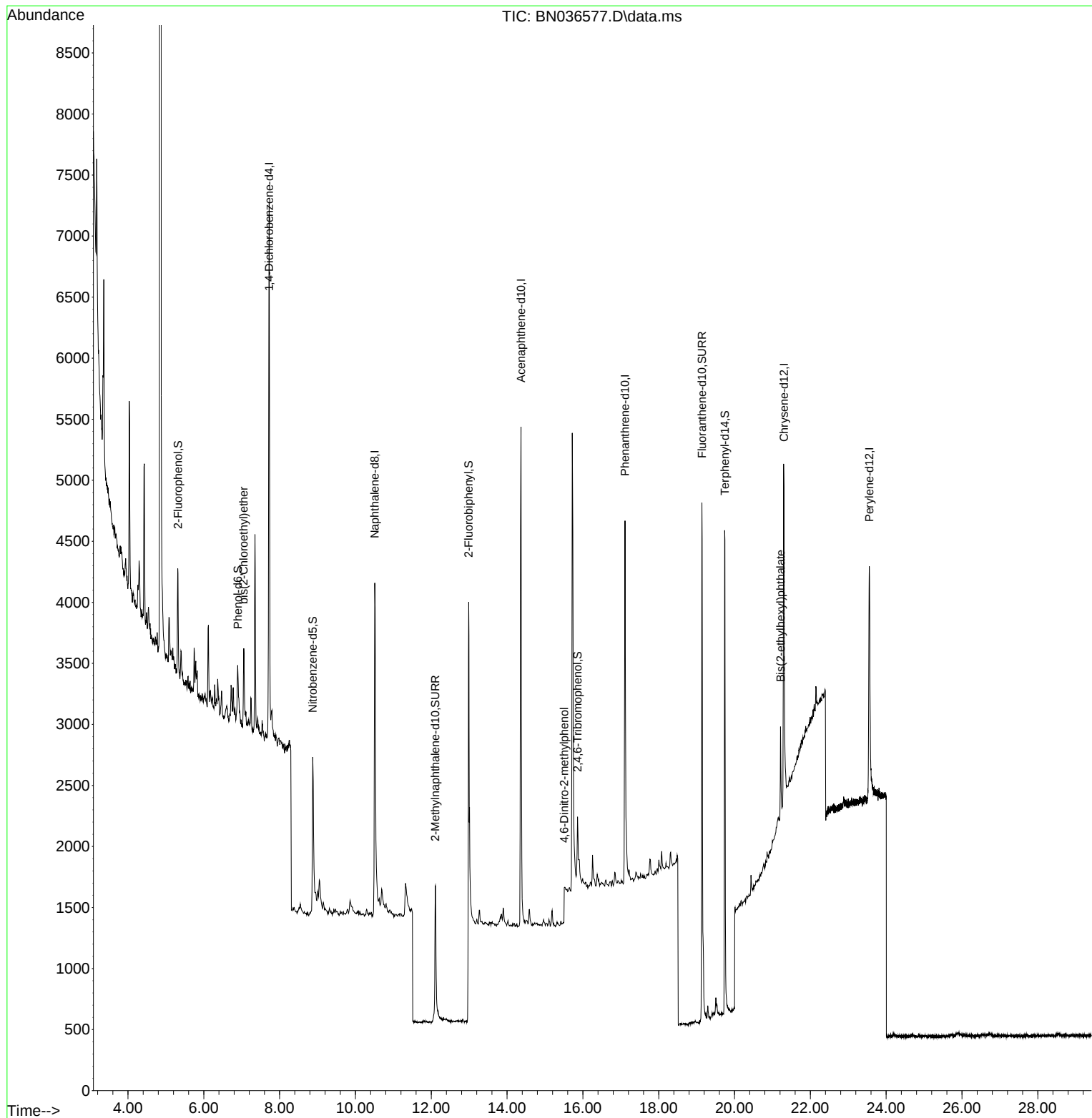
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2163	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4662	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2586	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	4760	0.400	ng	0.00
29) Chrysene-d12	21.304	240	3526	0.400	ng	0.00
35) Perylene-d12	23.554	264	3334	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	637	0.126	ng	0.00
5) Phenol-d6	6.901	99	382	0.061	ng	0.00
8) Nitrobenzene-d5	8.875	82	1490	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2238	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	388	0.331	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5263	0.350	ng	0.00
27) Fluoranthene-d10	19.141	212	5257	0.431	ng	0.00
31) Terphenyl-d14	19.745	244	4357	0.516	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.053	93	1202	0.187	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.510	198	7	0.151	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	717	0.082	ng	# 93

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

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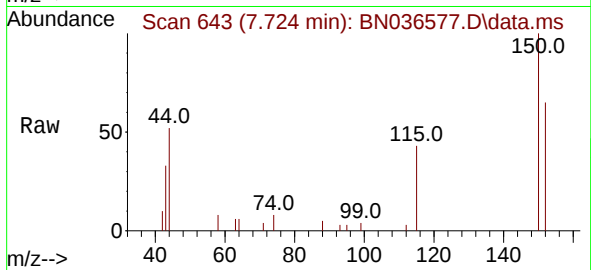
Quant Time: Mar 11 12:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



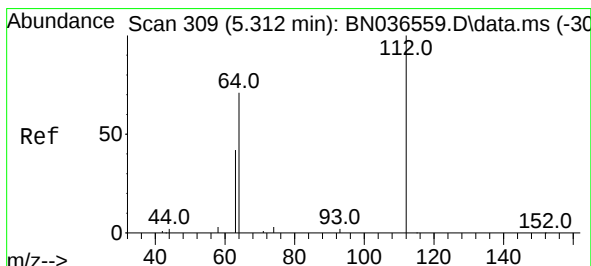
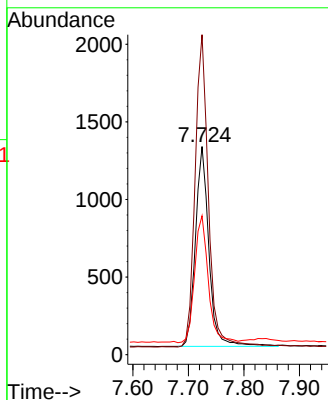
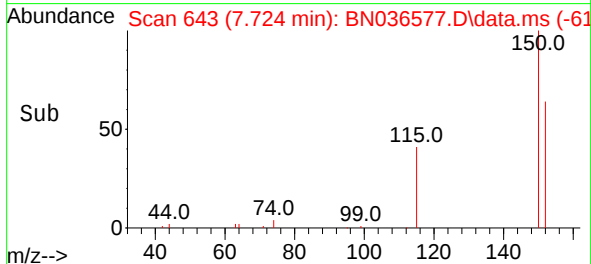


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

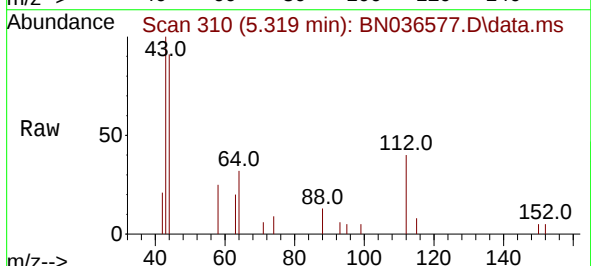
Instrument :
BNA_N
ClientSampleId :
RE122D3-20250305



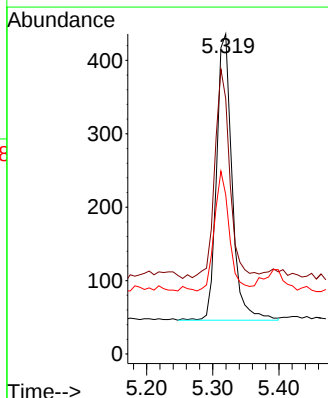
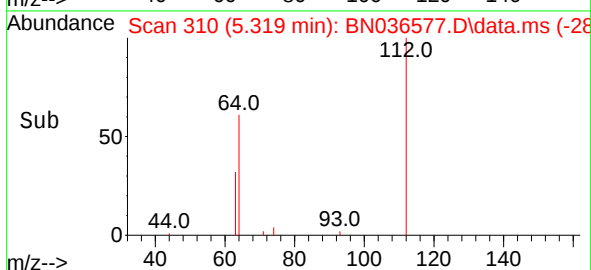
Tgt Ion:152 Resp: 2163
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 66.7 54.3 81.5

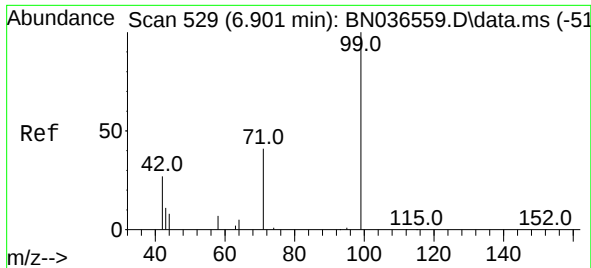


#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56



Tgt Ion:112 Resp: 637
Ion Ratio Lower Upper
112 100
64 71.4 53.1 79.7
63 39.7 31.8 47.8

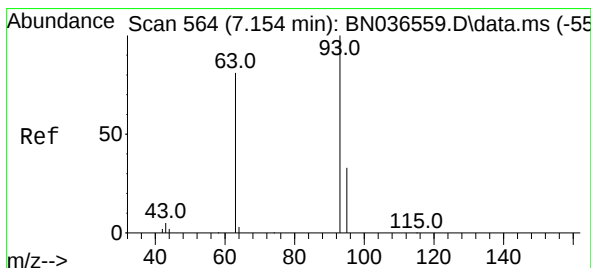
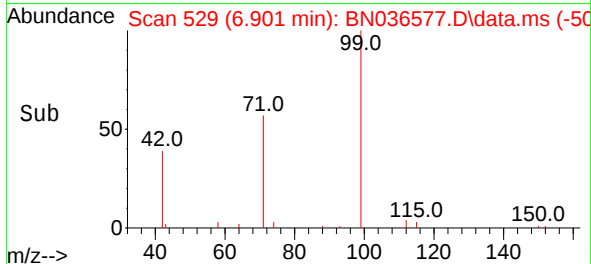
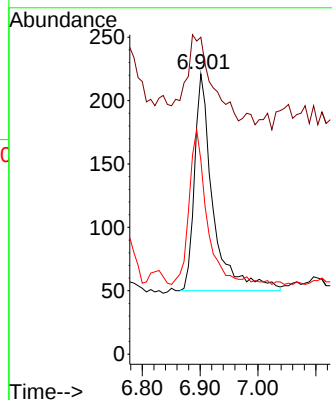
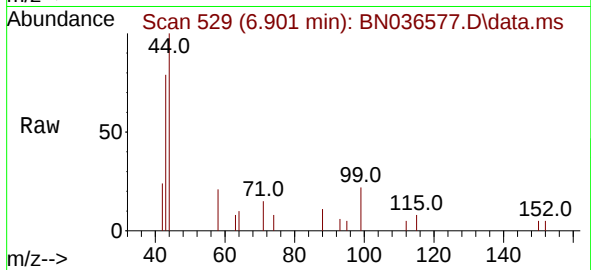




#5
Phenol-d6
Concen: 0.061 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

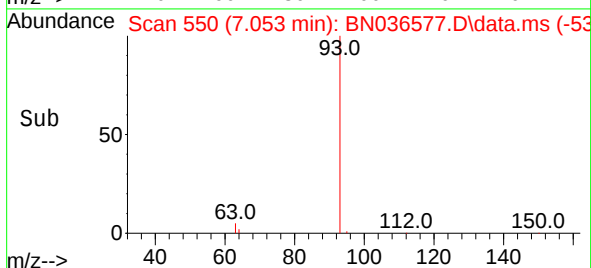
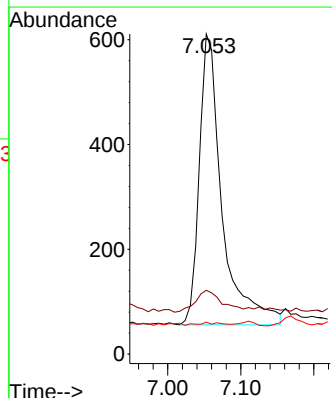
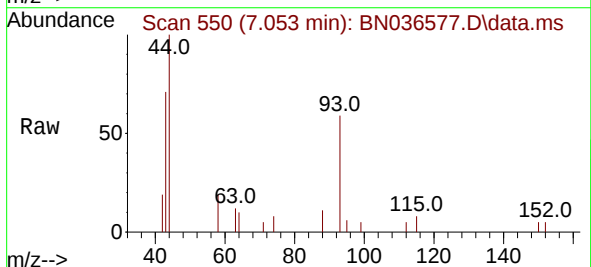
Instrument :
BNA_N
ClientSampleId :
RE122D3-20250305

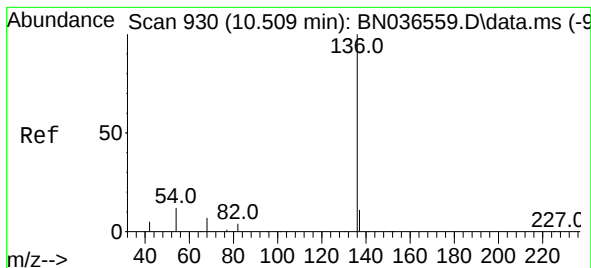
Tgt Ion: 99 Resp: 382
Ion Ratio Lower Upper
99 100
42 53.4 26.5 39.7#
71 69.4 34.1 51.1#



#6
bis(2-Chloroethyl)ether
Concen: 0.187 ng
RT: 7.053 min Scan# 550
Delta R.T. -0.101 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

Tgt Ion: 93 Resp: 1202
Ion Ratio Lower Upper
93 100
63 8.7 67.7 101.5#
95 0.8 25.6 38.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.509 min Scan# 930

Delta R.T. 0.000 min

Lab File: BN036577.D

Acq: 11 Mar 2025 11:56

Instrument :

BNA_N

ClientSampleId :

RE122D3-20250305

Tgt Ion:136 Resp: 4662

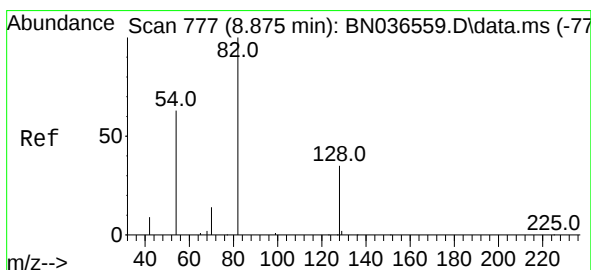
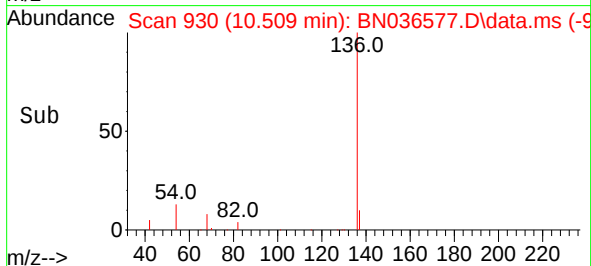
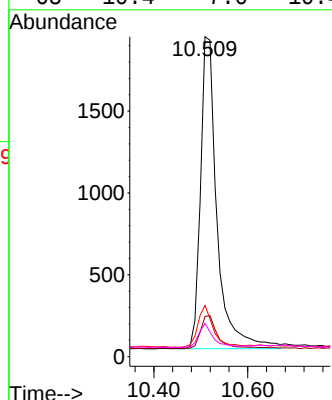
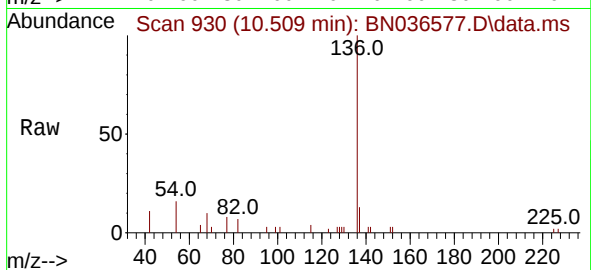
Ion Ratio Lower Upper

136 100

137 12.5 10.3 15.5

54 16.0 11.5 17.3

68 10.4 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.294 ng

RT: 8.875 min Scan# 777

Delta R.T. 0.000 min

Lab File: BN036577.D

Acq: 11 Mar 2025 11:56

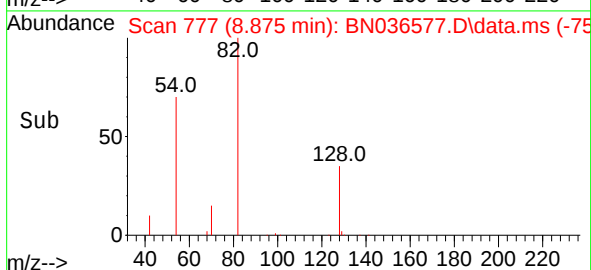
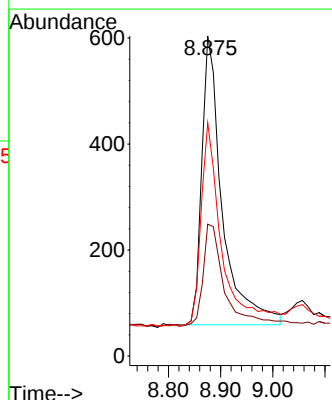
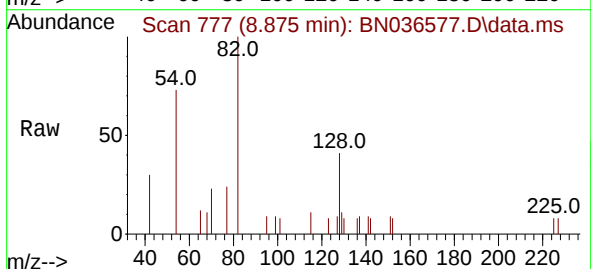
Tgt Ion: 82 Resp: 1490

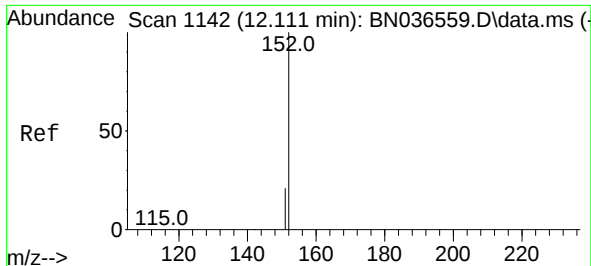
Ion Ratio Lower Upper

82 100

128 41.2 30.6 45.8

54 72.8 52.2 78.4





#11

2-Methylnaphthalene-d10

Concen: 0.323 ng

RT: 12.106 min Scan# 1141

Delta R.T. -0.005 min

Lab File: BN036577.D

Acq: 11 Mar 2025 11:56

Instrument :

BNA_N

ClientSampleId :

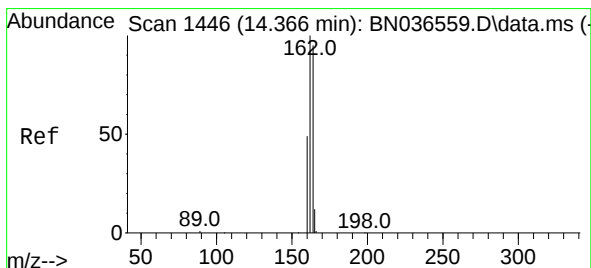
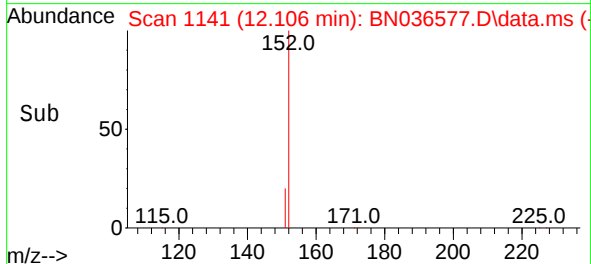
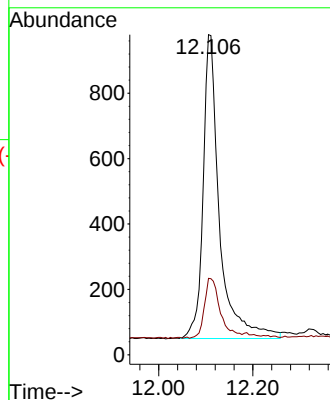
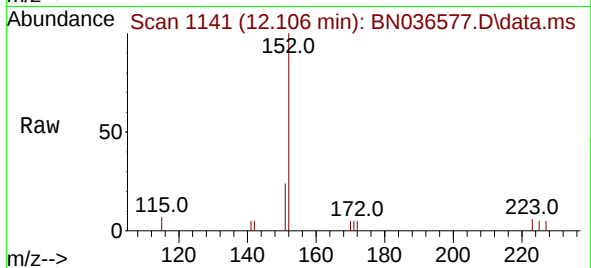
RE122D3-20250305

Tgt Ion:152 Resp: 2238

Ion Ratio Lower Upper

152 100

151 19.0 17.0 25.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BN036577.D

Acq: 11 Mar 2025 11:56

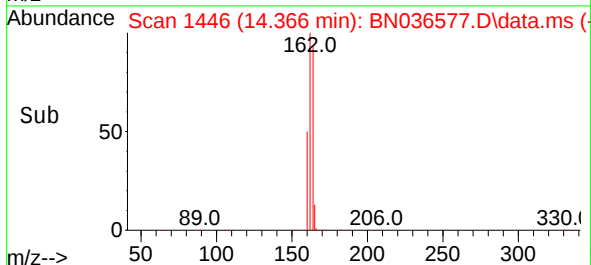
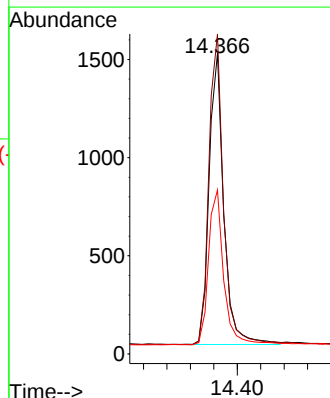
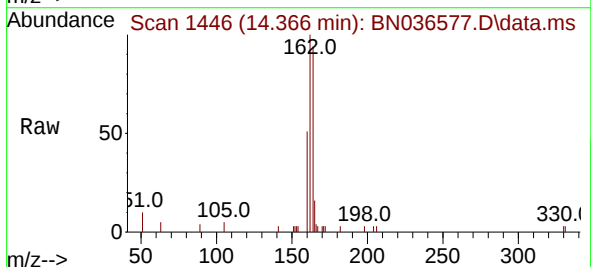
Tgt Ion:164 Resp: 2586

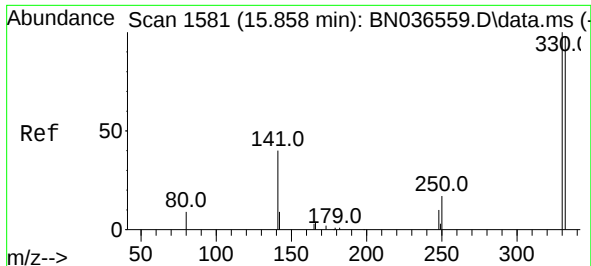
Ion Ratio Lower Upper

164 100

162 106.5 84.2 126.2

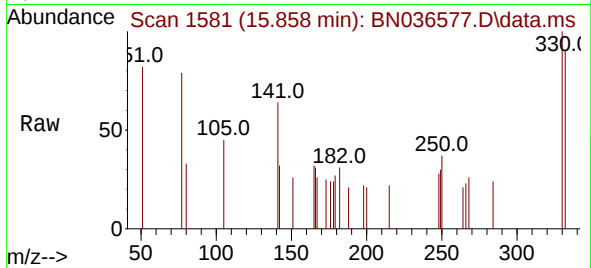
160 54.5 42.2 63.2



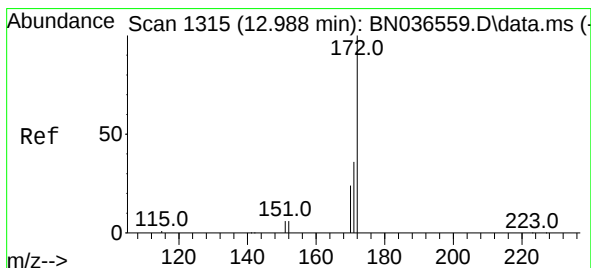
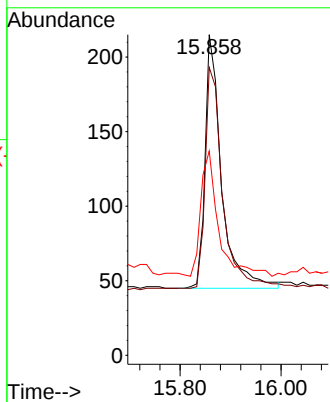
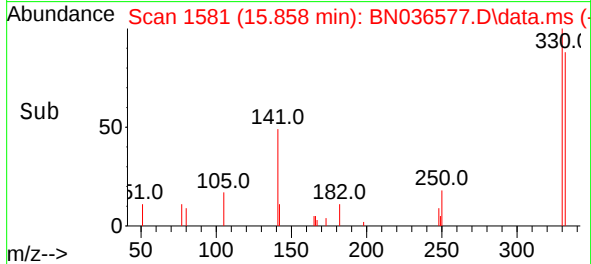


#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

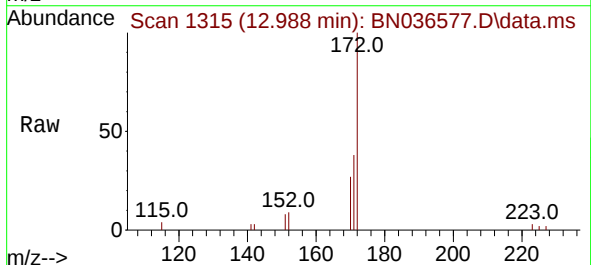
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ClientSampleId :
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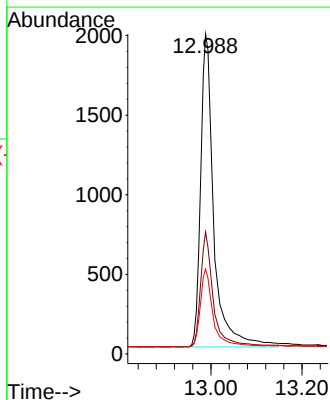
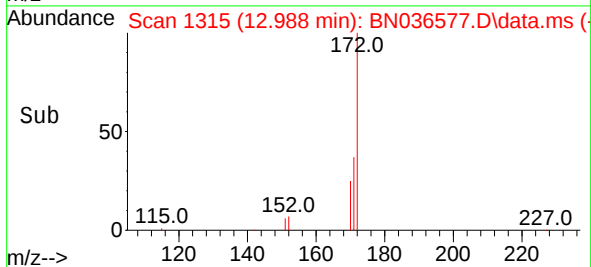
Tgt Ion:330 Resp: 388
Ion Ratio Lower Upper
330 100
332 91.8 75.2 112.8
141 53.9 43.4 65.2

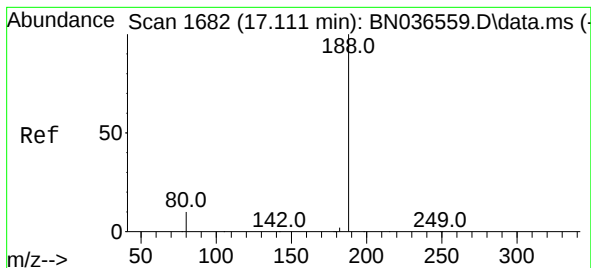


#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56



Tgt Ion:172 Resp: 5263
Ion Ratio Lower Upper
172 100
171 38.2 29.5 44.3
170 26.5 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036577.D

Acq: 11 Mar 2025 11:56

Instrument :

BNA_N

ClientSampleId :

RE122D3-20250305

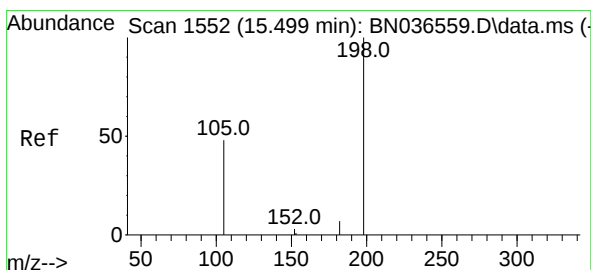
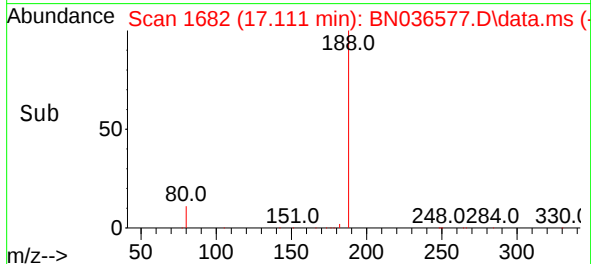
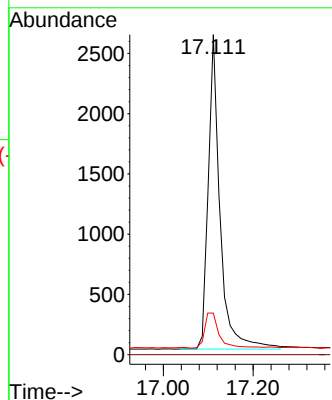
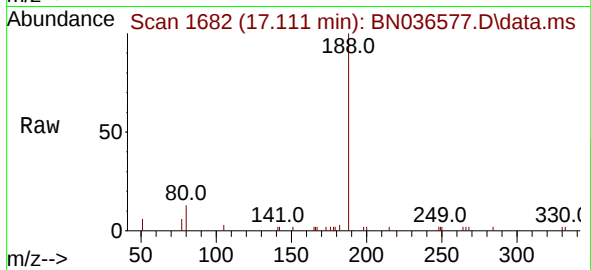
Tgt Ion:188 Resp: 4760

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.151 ng

RT: 15.510 min Scan# 1553

Delta R.T. 0.011 min

Lab File: BN036577.D

Acq: 11 Mar 2025 11:56

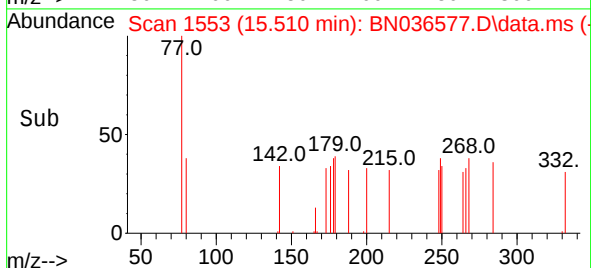
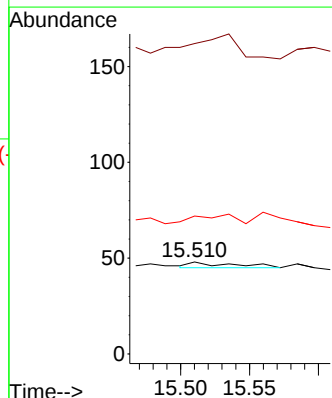
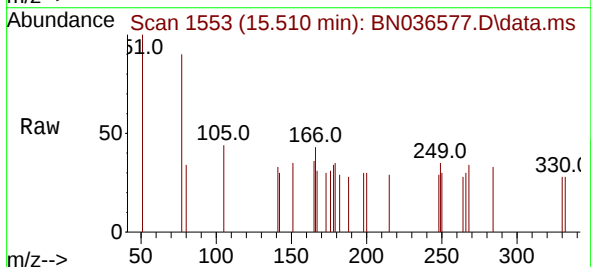
Tgt Ion:198 Resp: 7

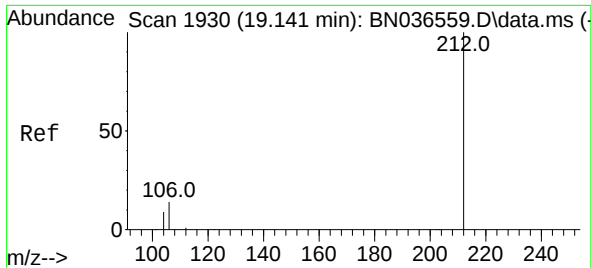
Ion Ratio Lower Upper

198 100

51 337.5 107.9 161.9#

105 150.0 56.2 84.2#

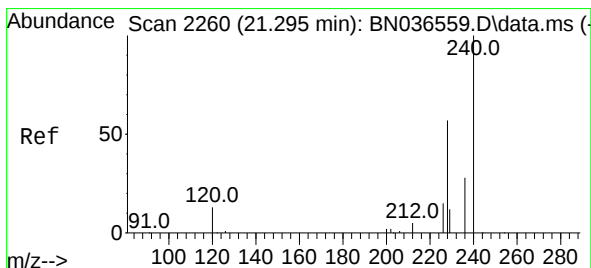
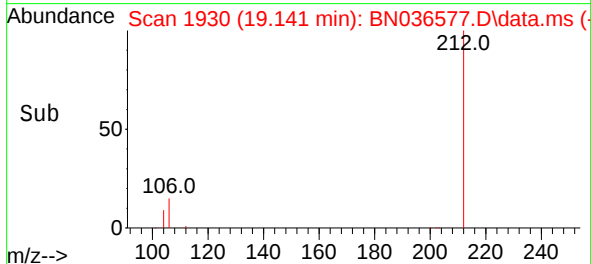
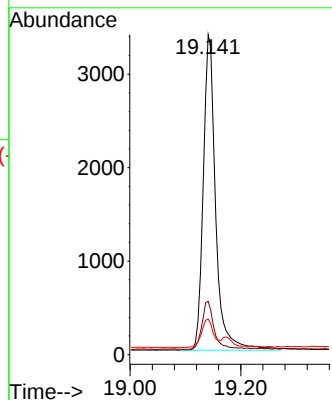
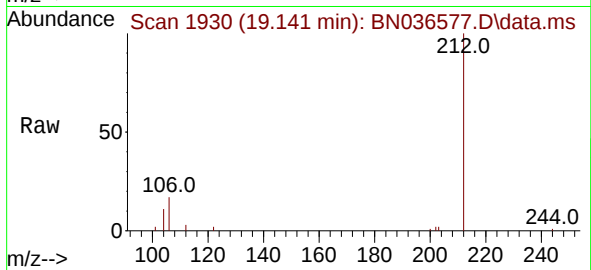




#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

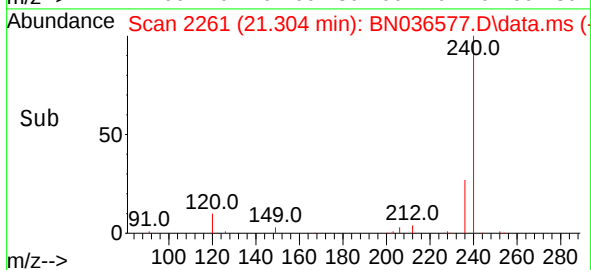
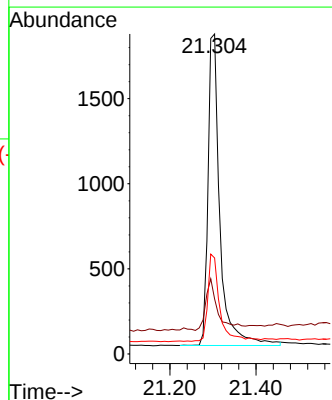
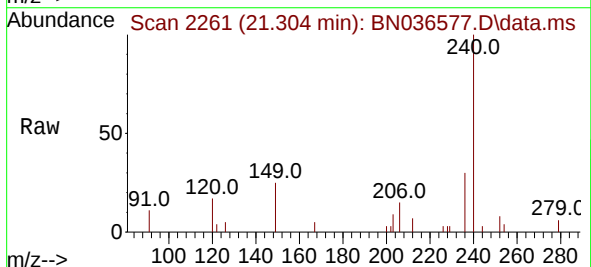
Instrument :
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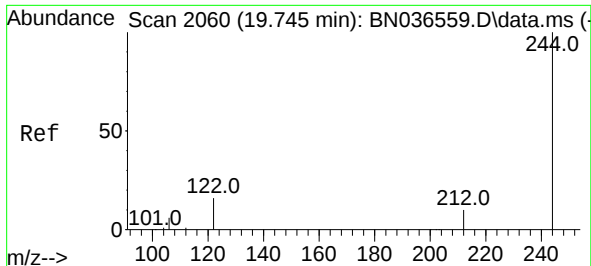
Tgt Ion:212 Resp: 5257
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 9.0 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

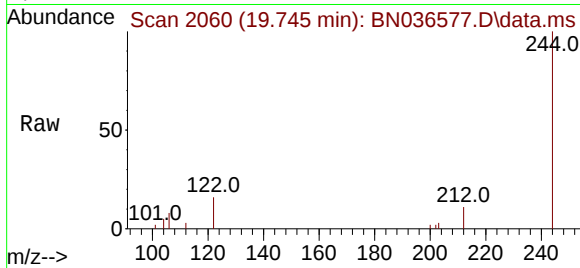
Tgt Ion:240 Resp: 3526
Ion Ratio Lower Upper
240 100
120 17.2 14.6 22.0
236 30.0 24.1 36.1



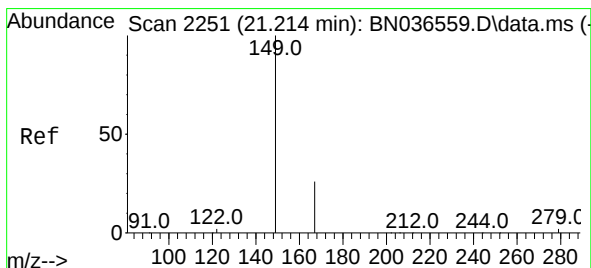
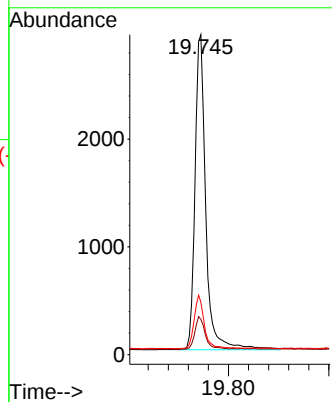
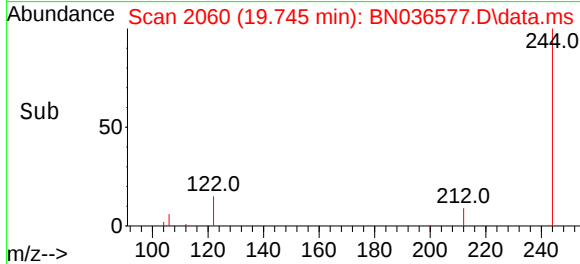


#31
 Terphenyl-d14
 Concen: 0.516 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: BN036577.D
 Acq: 11 Mar 2025 11:56

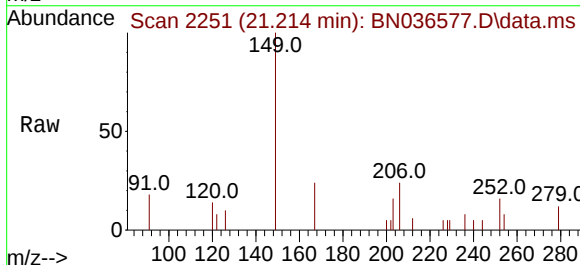
Instrument :
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 ClientSampleId :
 RE122D3-20250305



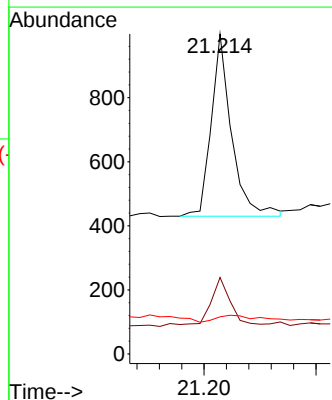
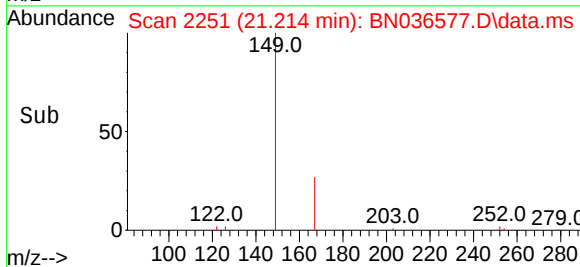
Tgt Ion:244 Resp: 4357
 Ion Ratio Lower Upper
 244 100
 212 11.0 9.6 14.4
 122 16.5 13.9 20.9

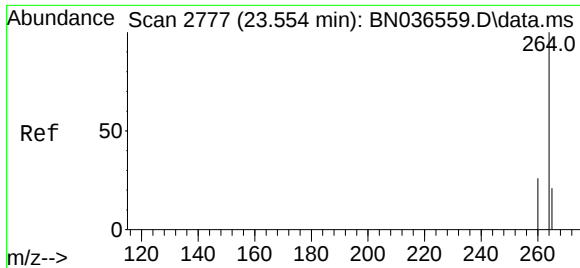


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BN036577.D
 Acq: 11 Mar 2025 11:56



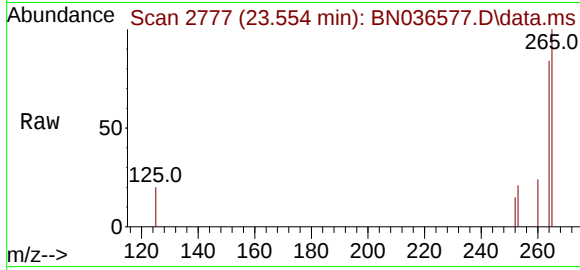
Tgt Ion:149 Resp: 717
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.7 31.1
 279 8.9 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036577.D
Acq: 11 Mar 2025 11:56

Instrument :
BNA_N
ClientSampleId :
RE122D3-20250305



Tgt Ion:264 Resp: 3334
Ion Ratio Lower Upper
264 100
260 29.1 22.6 33.8
265 119.7 88.1 132.1

