

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
 Data File : BN036552.D
 Acq On : 07 Mar 2025 18:01
 Operator : RC/JU
 Sample : Q1500-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20250305

Quant Time: Mar 07 22:10:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

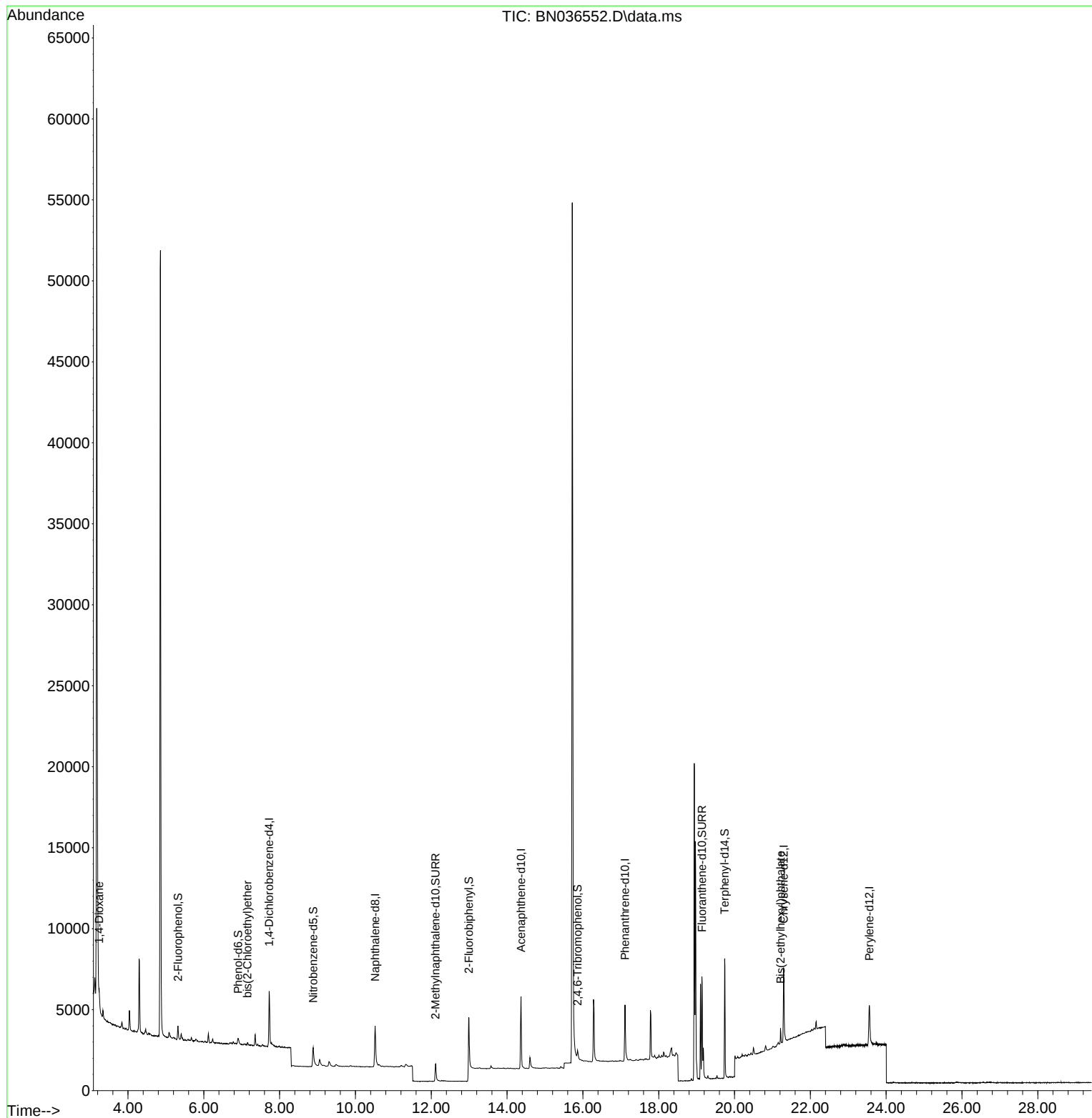
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1752	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4178	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2575	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5313	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4908	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	4119	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	585	0.141	ng	0.00
5) Phenol-d6	6.908	99	430	0.088	ng	0.00
8) Nitrobenzene-d5	8.886	82	1418	0.344	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	1954	0.304	ng	0.01
14) 2,4,6-Tribromophenol	15.858	330	322	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.993	172	5908	0.610	ng	0.00
27) Fluoranthene-d10	19.141	212	7371	0.499	ng	0.00
31) Terphenyl-d14	19.740	244	6948	0.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	470	0.245	ng	# 72
6) bis(2-Chloroethyl)ether	7.154	93	119	0.023	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.214	149	910	0.090	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
Data File : BN036552.D
Acq On : 07 Mar 2025 18:01
Operator : RC/JU
Sample : Q1500-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW179D-20250305

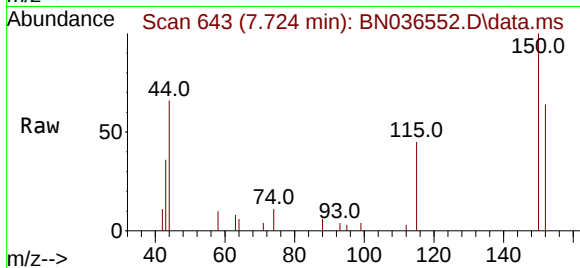
Quant Time: Mar 07 22:10:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration



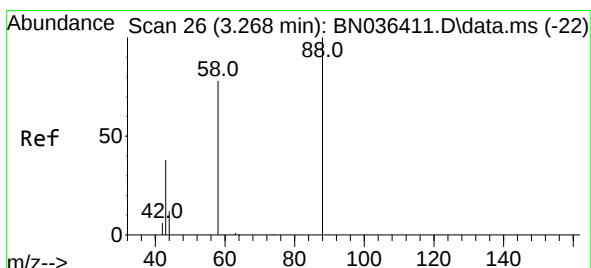
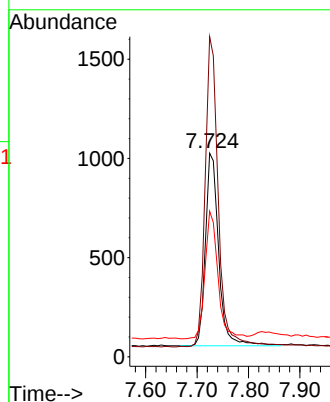
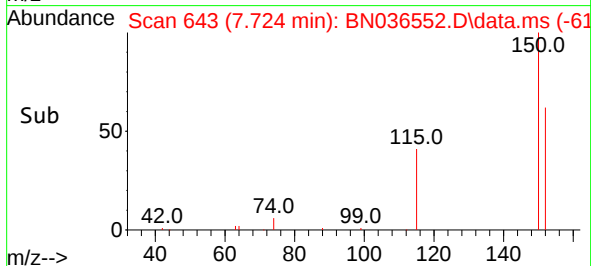


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN036552.D
 Acq: 07 Mar 2025 18:01

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20250305

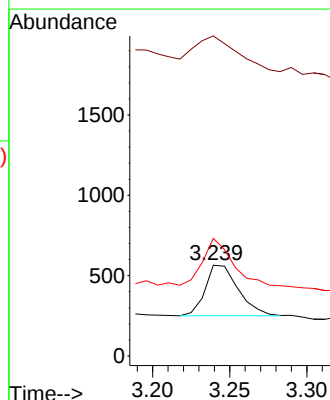
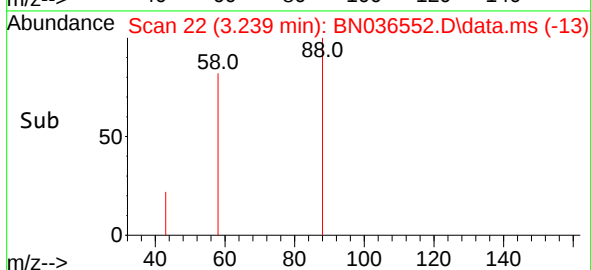
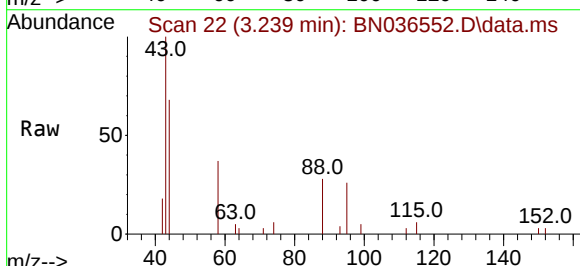


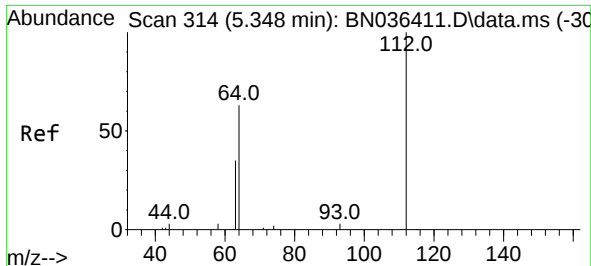
Tgt Ion:152 Resp: 1752
 Ion Ratio Lower Upper
 152 100
 150 157.2 123.7 185.5
 115 71.5 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.245 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.007 min
 Lab File: BN036552.D
 Acq: 07 Mar 2025 18:01

Tgt Ion: 88 Resp: 470
 Ion Ratio Lower Upper
 88 100
 43 91.5 33.7 50.5#
 58 83.0 68.9 103.3

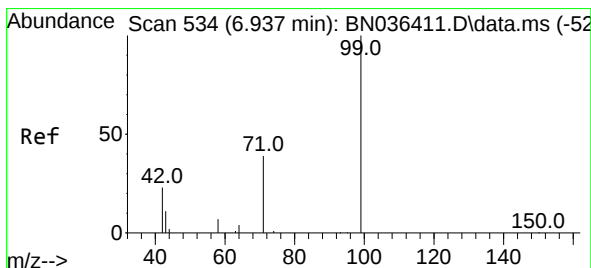
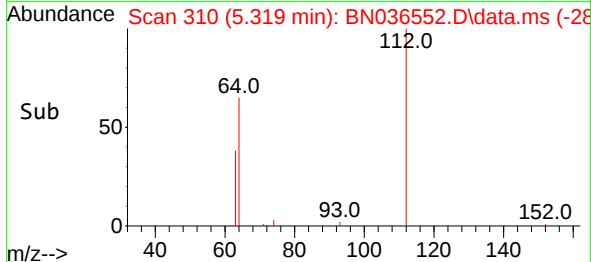
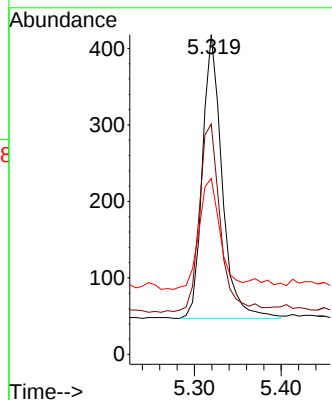
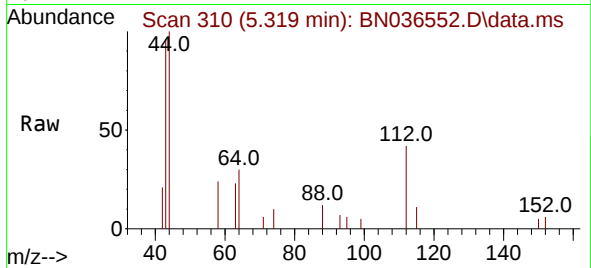




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.319 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036552.D
Acq: 07 Mar 2025 18:01

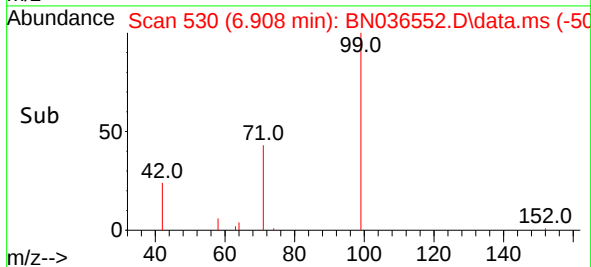
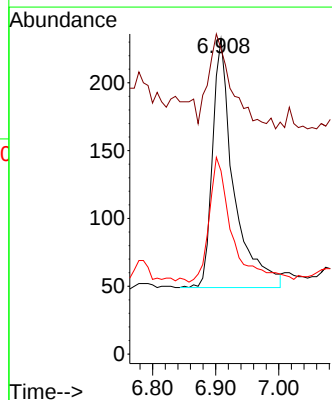
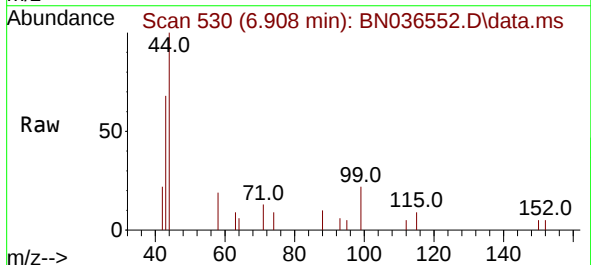
Instrument :
BNA_N
ClientSampleId :
MW179D-20250305

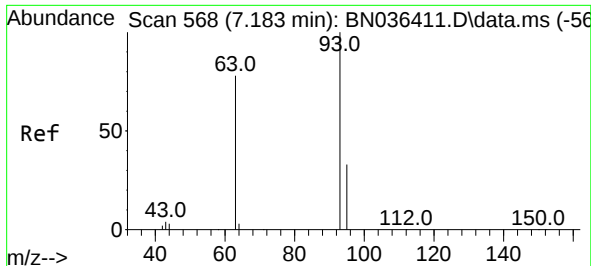
Tgt Ion:112 Resp: 585
Ion Ratio Lower Upper
112 100
64 71.6 53.4 80.0
63 42.1 30.3 45.5



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.908 min Scan# 530
Delta R.T. 0.007 min
Lab File: BN036552.D
Acq: 07 Mar 2025 18:01

Tgt Ion: 99 Resp: 430
Ion Ratio Lower Upper
99 100
42 42.8 21.7 32.5#
71 54.2 32.6 49.0#

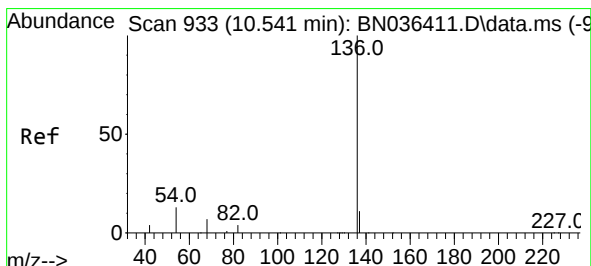
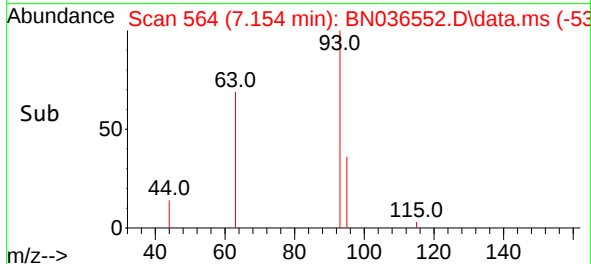
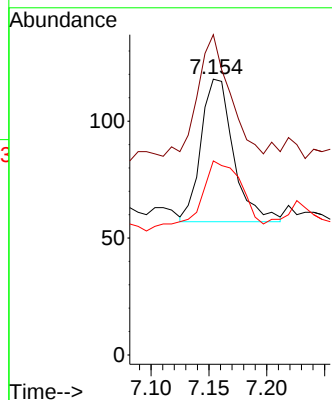
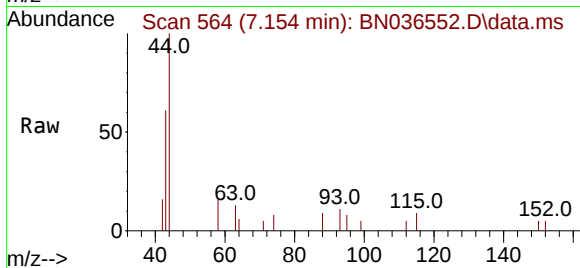




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.000 min
Lab File: BN036552.D
Acq: 07 Mar 2025 18:01

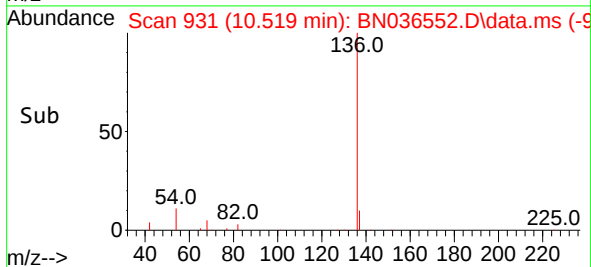
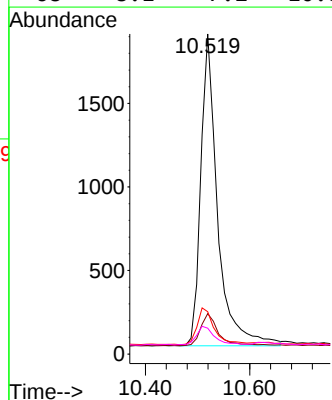
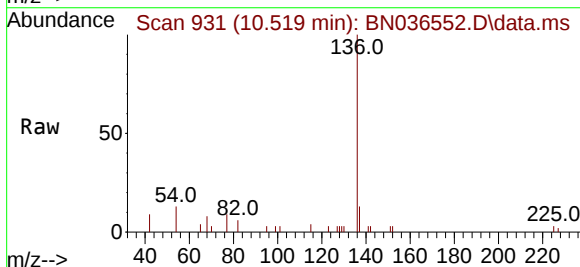
Instrument :
BNA_N
ClientSampleId :
MW179D-20250305

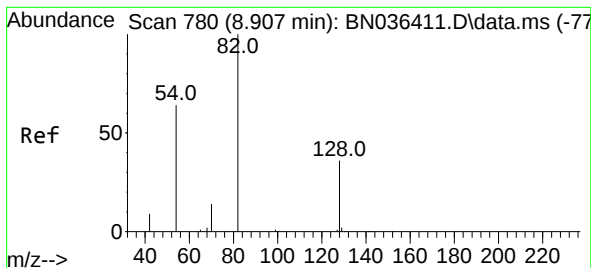
Tgt Ion: 93 Resp: 119
Ion Ratio Lower Upper
93 100
63 87.4 66.3 99.5
95 63.9 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036552.D
Acq: 07 Mar 2025 18:01

Tgt Ion:136 Resp: 4178
Ion Ratio Lower Upper
136 100
137 12.6 10.1 15.1
54 13.2 11.8 17.6
68 8.1 7.2 10.8





#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 8.886 min Scan# 71

Delta R.T. 0.011 min

Lab File: BN036552.D

Acq: 07 Mar 2025 18:01

Instrument :

BNA_N

ClientSampleId :

MW179D-20250305

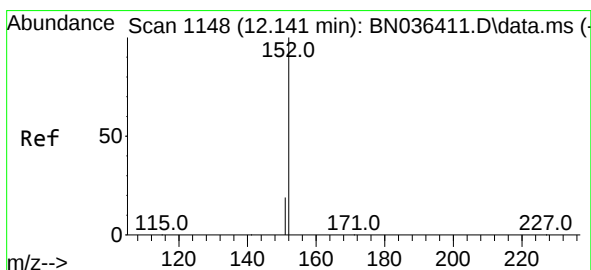
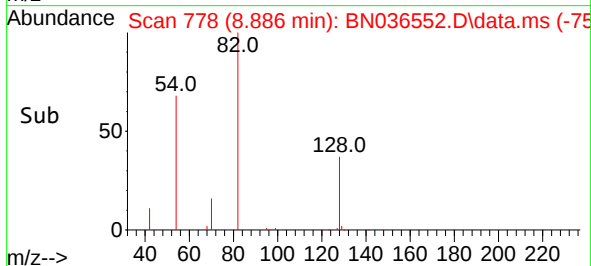
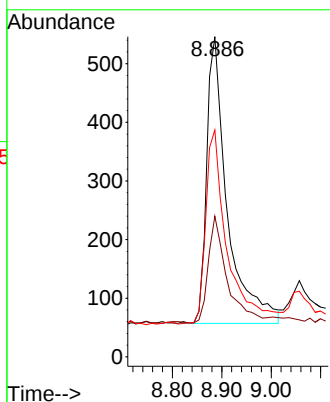
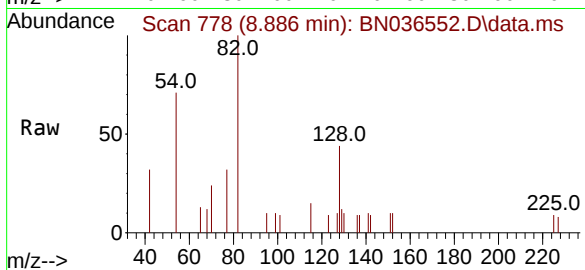
Tgt Ion: 82 Resp: 1418

Ion Ratio Lower Upper

82 100

128 44.0 31.9 47.9

54 70.9 53.1 79.7



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 12.116 min Scan# 1143

Delta R.T. 0.010 min

Lab File: BN036552.D

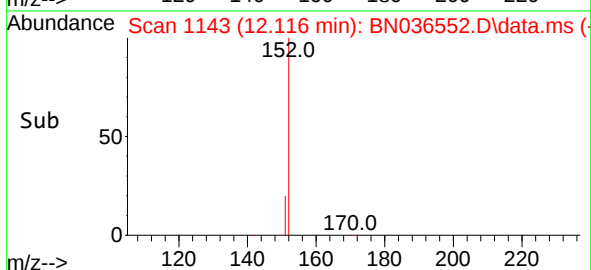
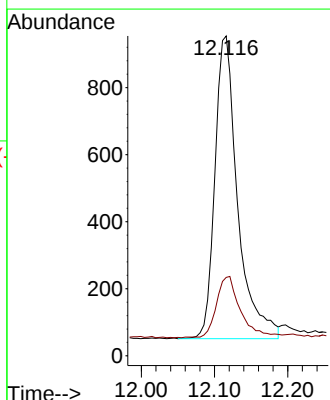
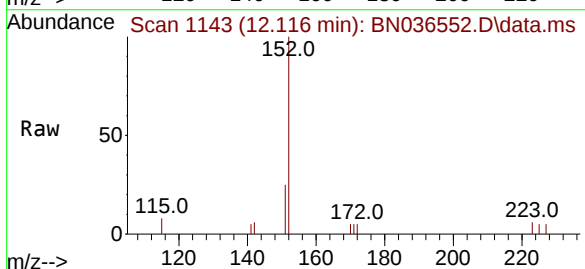
Acq: 07 Mar 2025 18:01

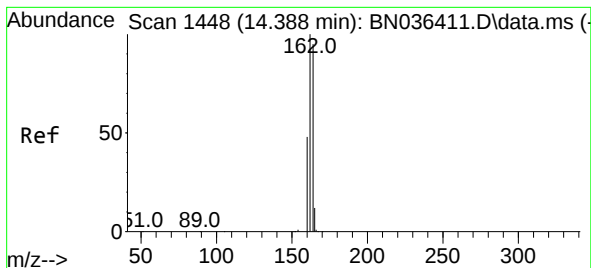
Tgt Ion: 152 Resp: 1954

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BN036552.D

Acq: 07 Mar 2025 18:01

Instrument :

BNA_N

ClientSampleId :

MW179D-20250305

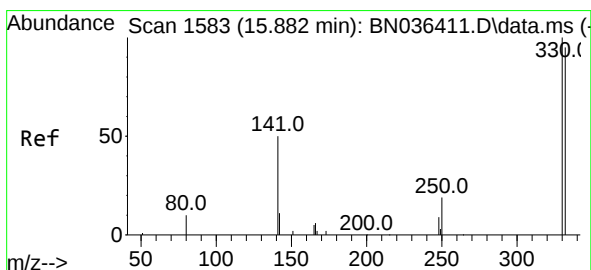
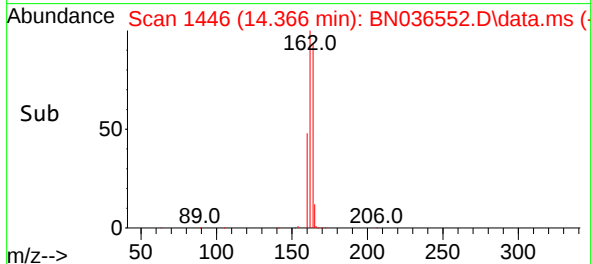
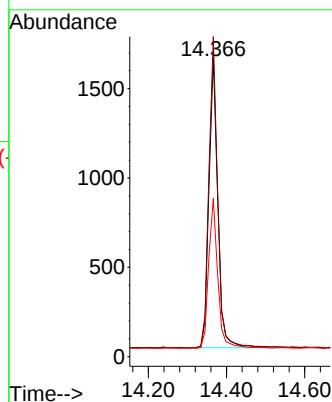
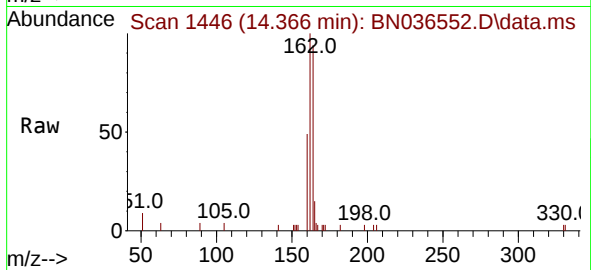
Tgt Ion:164 Resp: 2575

Ion Ratio Lower Upper

164 100

162 106.8 84.1 126.1

160 52.8 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.252 ng

RT: 15.858 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BN036552.D

Acq: 07 Mar 2025 18:01

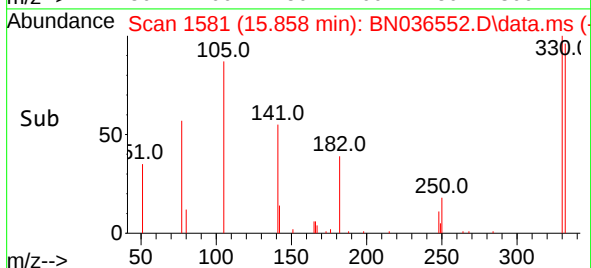
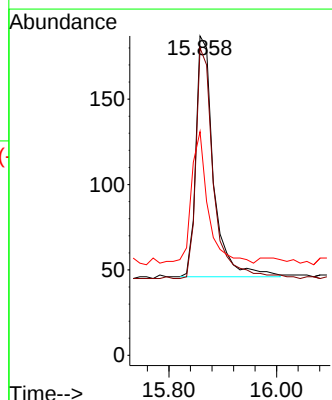
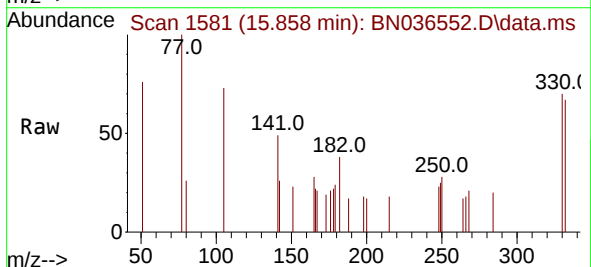
Tgt Ion:330 Resp: 322

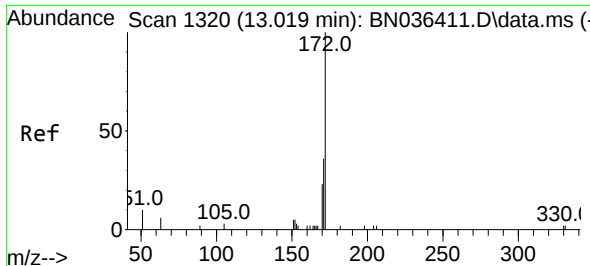
Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

141 50.6 37.8 56.8

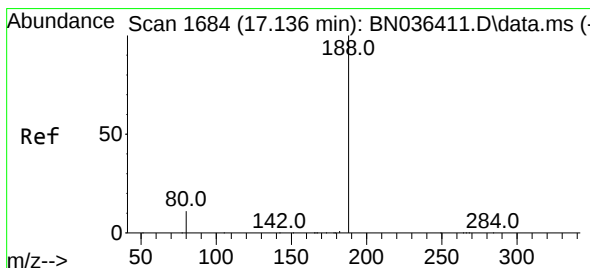
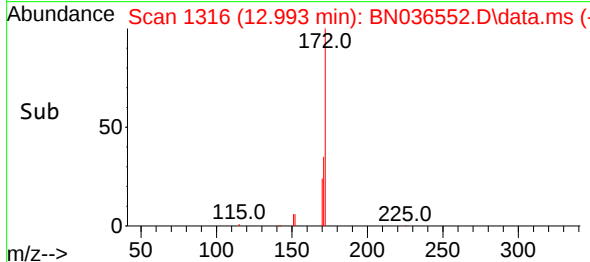
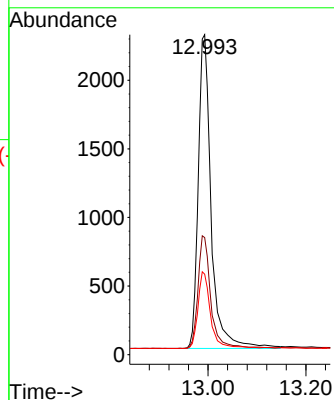
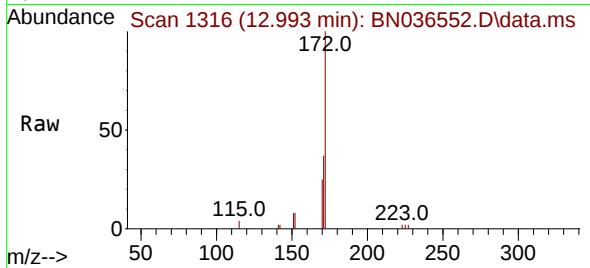




#15
2-Fluorobiphenyl
Concen: 0.610 ng
RT: 12.993 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036552.D
Acq: 07 Mar 2025 18:01

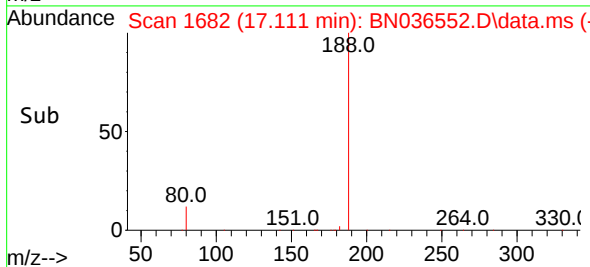
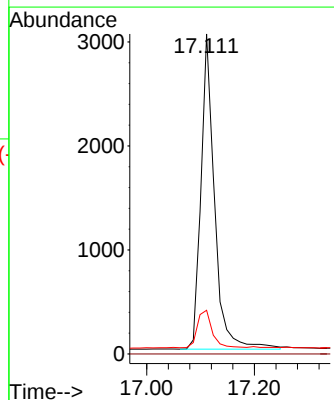
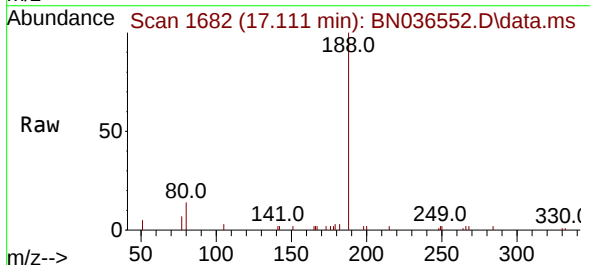
Instrument :
BNA_N
ClientSampleId :
MW179D-20250305

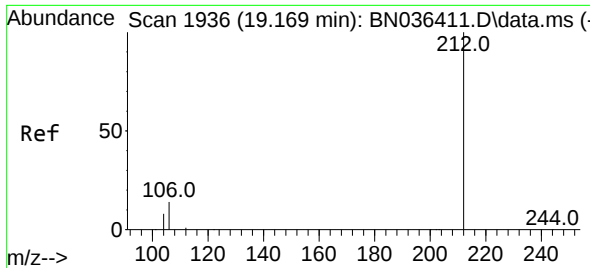
Tgt Ion:172	Resp:	5908
Ion	Ratio	Lower Upper
172	100	
171	36.6	29.6 44.4
170	25.2	19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036552.D
Acq: 07 Mar 2025 18:01

Tgt Ion:188	Resp:	5313
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	13.6	9.8 14.6

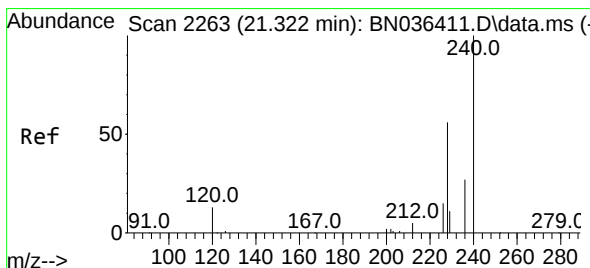
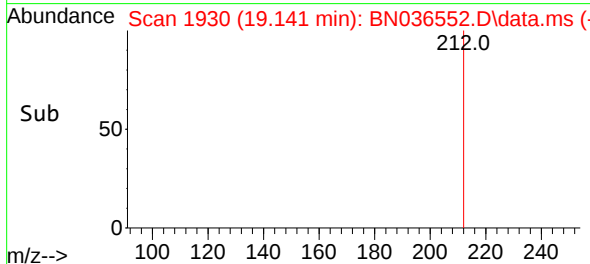
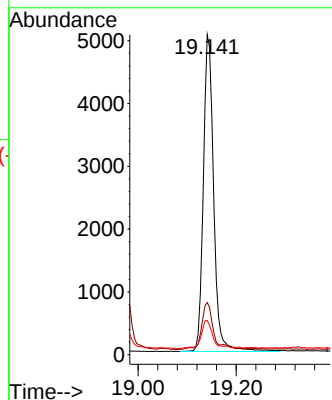
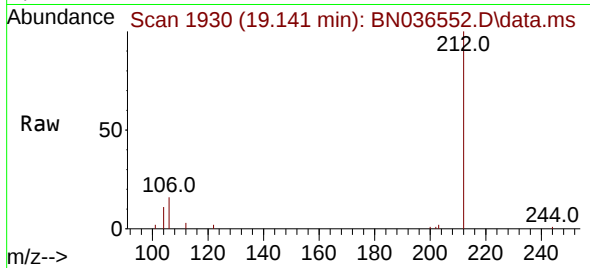




#27
Fluoranthene-d10
Concen: 0.499 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN036552.D
Acq: 07 Mar 2025 18:01

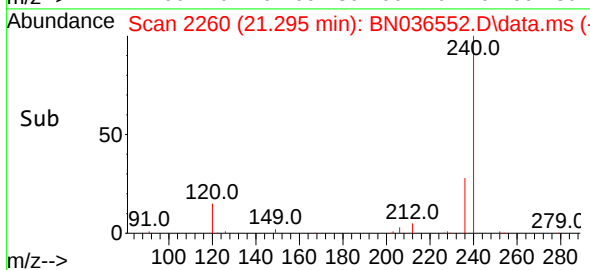
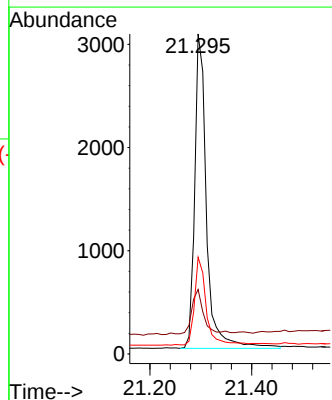
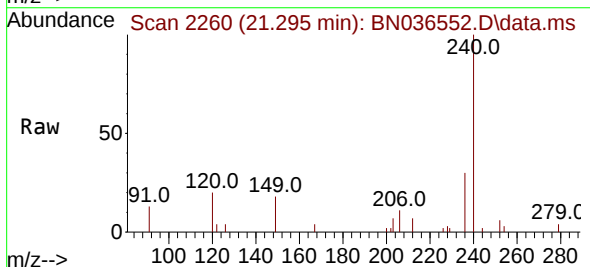
Instrument :
BNA_N
ClientSampleId :
MW179D-20250305

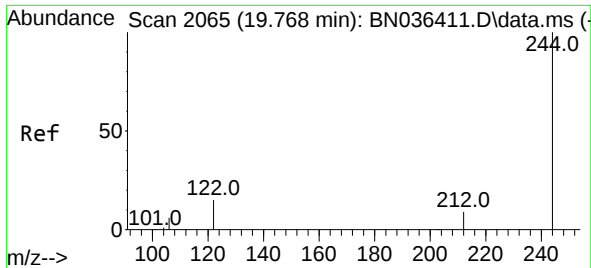
Tgt Ion:212 Resp: 7371
Ion Ratio Lower Upper
212 100
106 15.4 11.5 17.3
104 10.0 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036552.D
Acq: 07 Mar 2025 18:01

Tgt Ion:240 Resp: 4908
Ion Ratio Lower Upper
240 100
120 20.2 13.3 19.9#
236 30.2 23.0 34.6

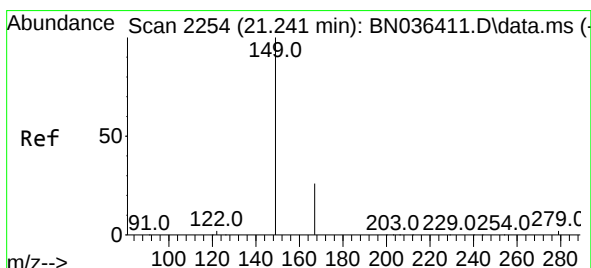
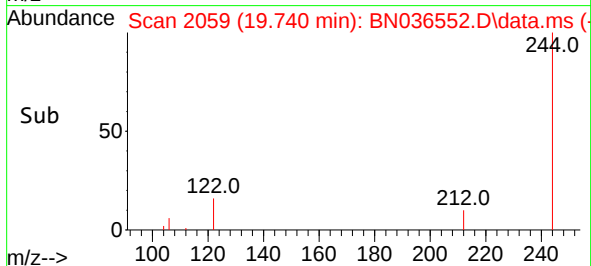
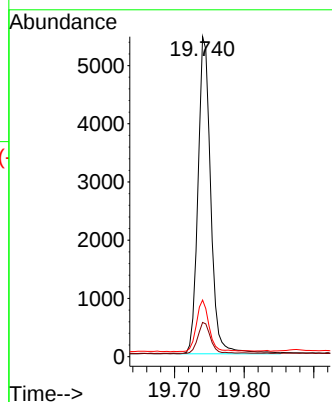
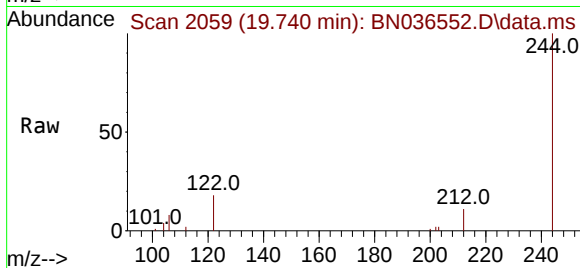




#31
 Terphenyl-d14
 Concen: 0.663 ng
 RT: 19.740 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN036552.D
 Acq: 07 Mar 2025 18:01

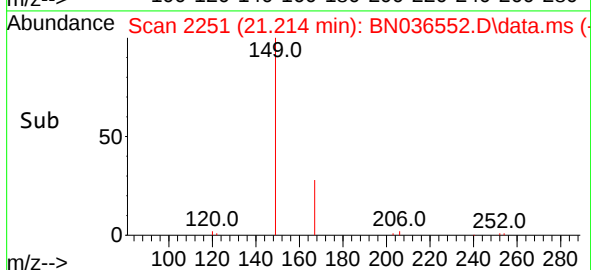
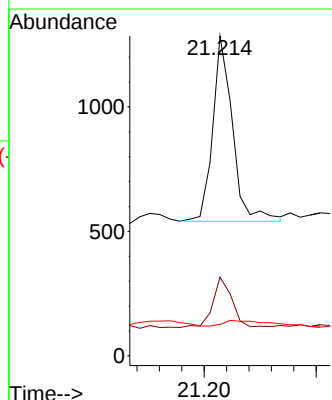
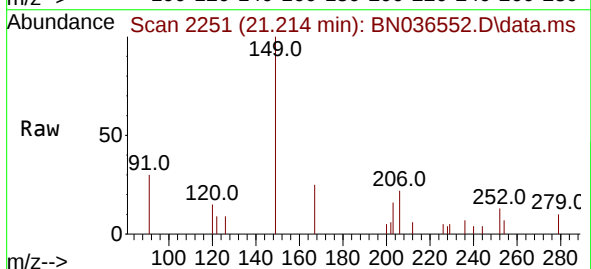
Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20250305

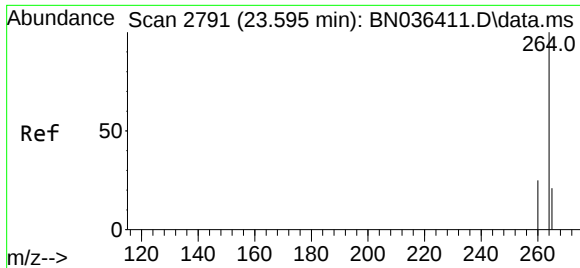
Tgt Ion:244	Resp:	6948
Ion Ratio	Lower	Upper
244	100	
212	10.7	8.1 12.1
122	17.7	12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN036552.D
 Acq: 07 Mar 2025 18:01

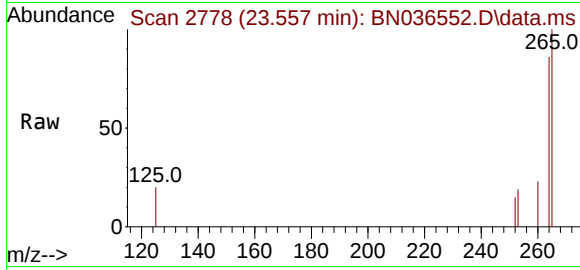
Tgt Ion:149	Resp:	910
Ion Ratio	Lower	Upper
149	100	
167	26.5	21.2 31.8
279	6.3	2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.557 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN036552.D
 Acq: 07 Mar 2025 18:01

Instrument :
 BNA_N
 ClientSampleId :
 MW179D-20250305



Tgt Ion: 264 Resp: 4119

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.9	31.3
265	116.3	60.7	91.1

