

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036779.D
 Acq On : 28 Mar 2025 18:50
 Operator : RC/JU
 Sample : Q1608-18DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318DL

Quant Time: Mar 28 22:52:16 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)

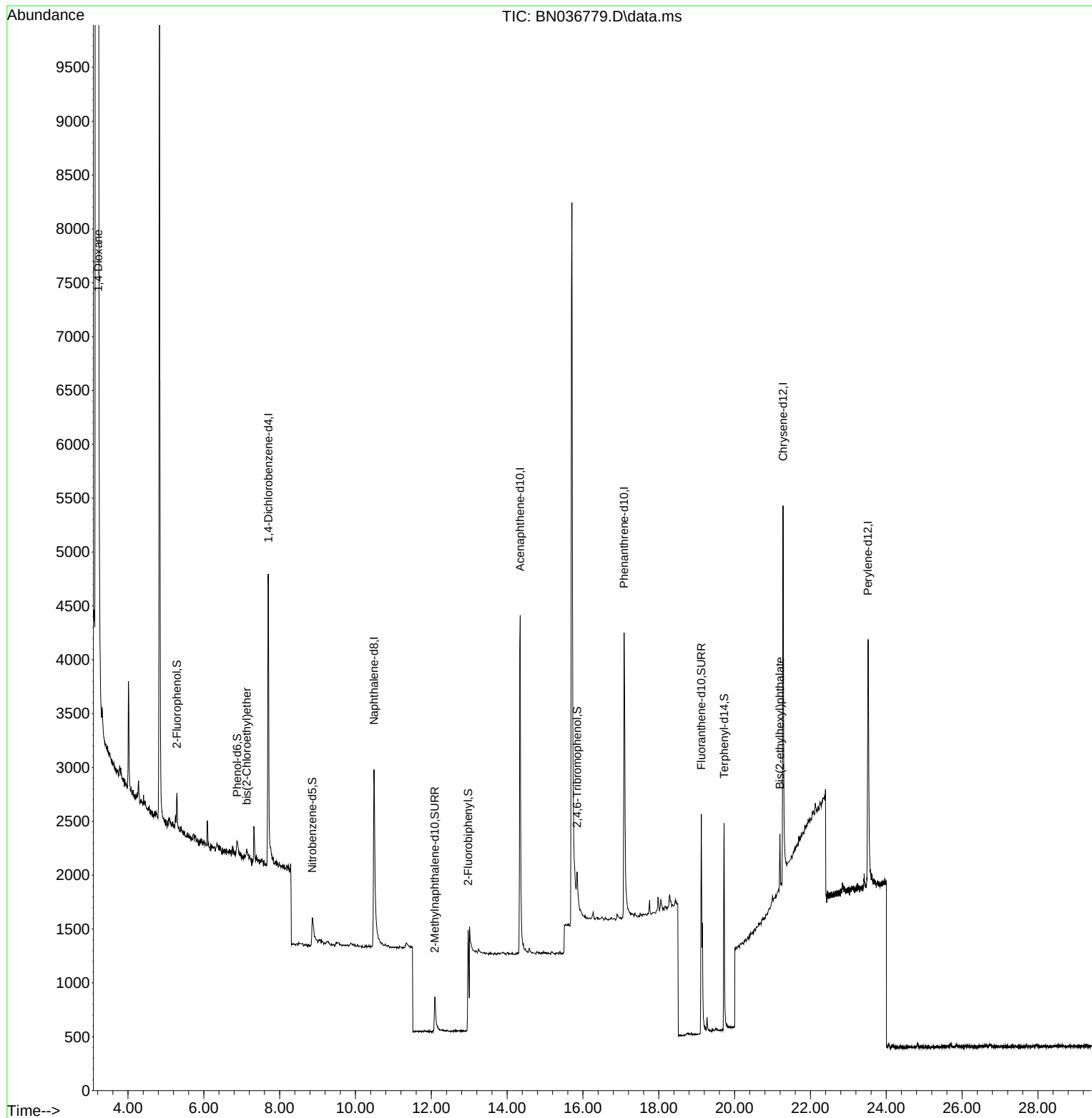
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1528	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3509	0.400	ng	#-0.02
13) Acenaphthene-d10	14.345	164	2347	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5155	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4127	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3575	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	273	0.077	ng	-0.02
5) Phenol-d6	6.879	99	172	0.039	ng	-0.02
8) Nitrobenzene-d5	8.865	82	512	0.134	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	796	0.153	ng	-0.02
14) 2,4,6-Tribromophenol	15.845	330	218	0.205	ng	-0.01
15) 2-Fluorobiphenyl	12.973	172	1877	0.137	ng	-0.02
27) Fluoranthene-d10	19.122	212	2836	0.215	ng	-0.02
31) Terphenyl-d14	19.722	244	2064	0.209	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.218	88	5470	3.227	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.132	93	95	0.021	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.196	149	505	0.049	ng	94

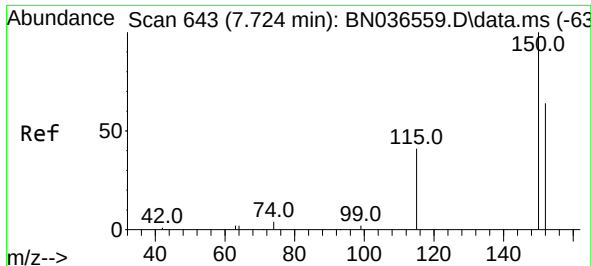
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
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Misc :
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Instrument :
BNA_N
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RE132D6-20250318DL

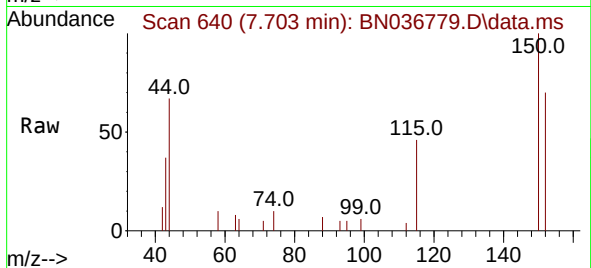
Quant Time: Mar 28 22:52:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



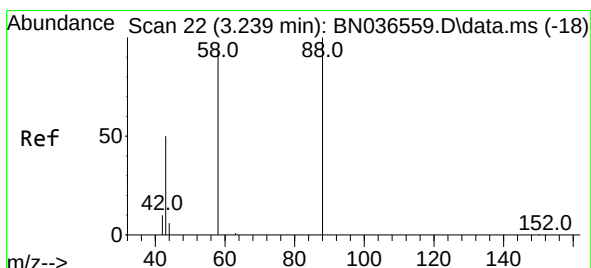
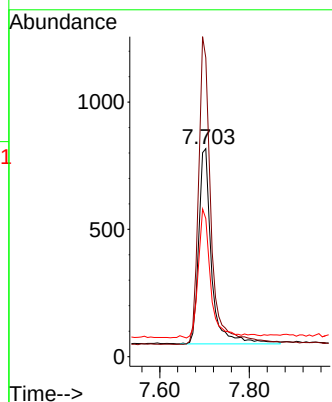
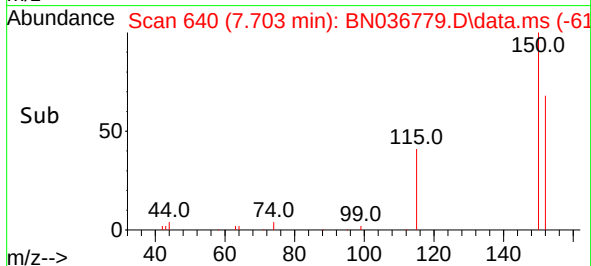


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036779.D
 Acq: 28 Mar 2025 18:50

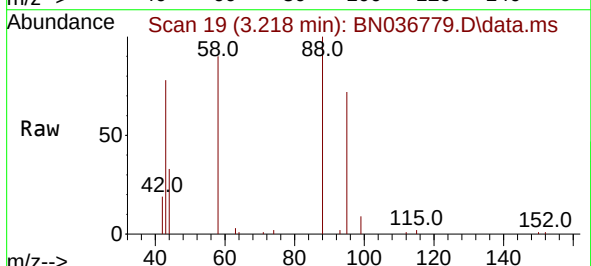
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318DL



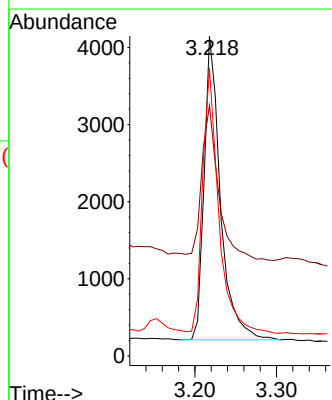
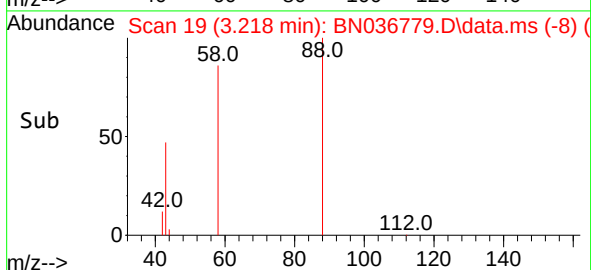
Tgt Ion:152 Resp: 1528
 Ion Ratio Lower Upper
 152 100
 150 143.7 123.7 185.5
 115 66.3 54.3 81.5

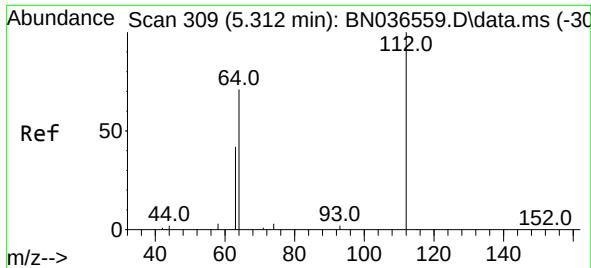


#2
 1,4-Dioxane
 Concen: 3.227 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036779.D
 Acq: 28 Mar 2025 18:50



Tgt Ion: 88 Resp: 5470
 Ion Ratio Lower Upper
 88 100
 43 53.0 37.8 56.8
 58 86.3 67.4 101.2

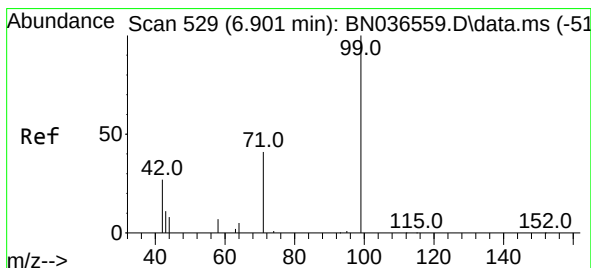
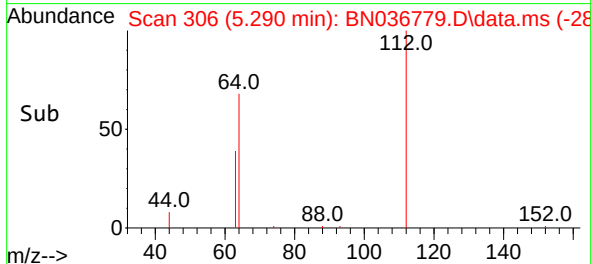
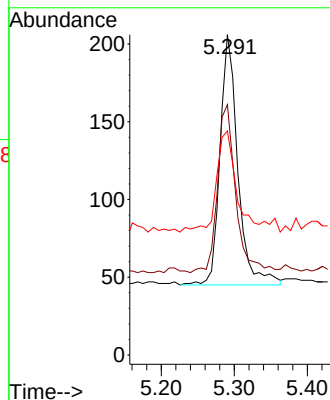
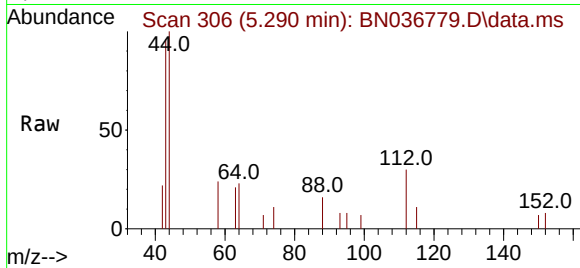




#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

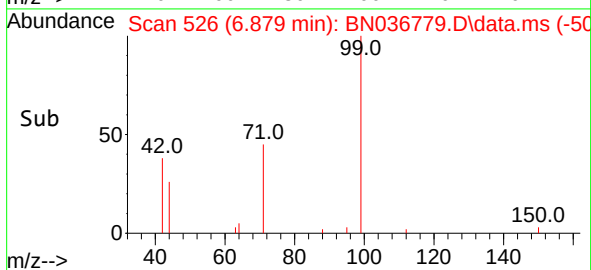
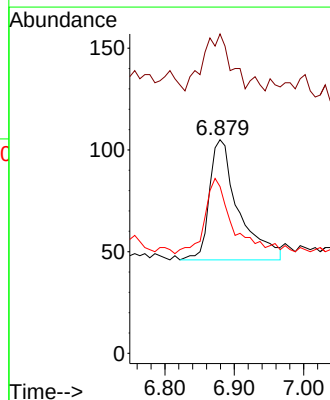
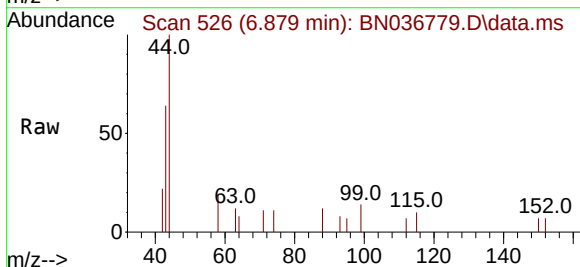
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL

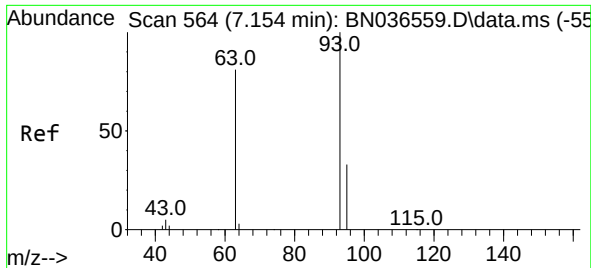
Tgt Ion:	112	Resp:	273
Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.1	79.7
63	44.3	31.8	47.8



#5
Phenol-d6
Concen: 0.039 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:	99	Resp:	172
Ion	Ratio	Lower	Upper
99	100		
42	45.3	26.5	39.7#
71	58.1	34.1	51.1#

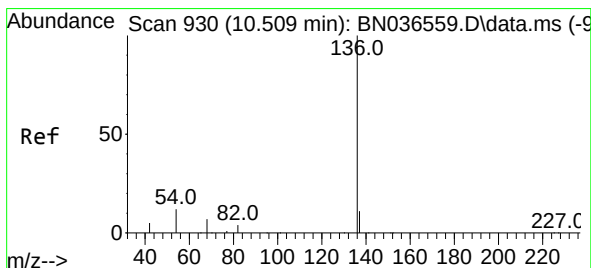
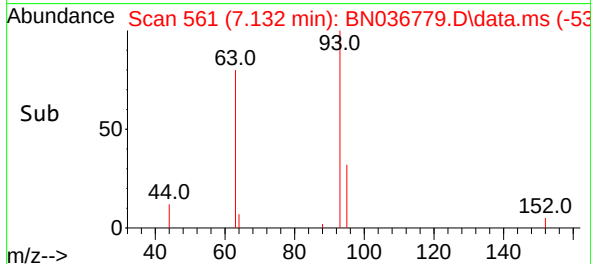
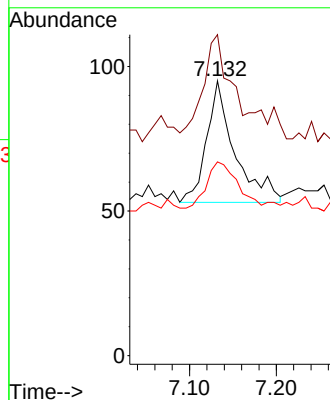
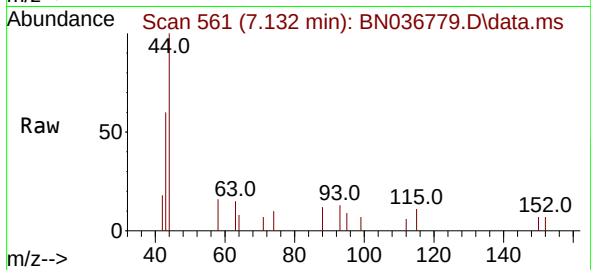




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.132 min Scan# 501
Delta R.T. -0.022 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

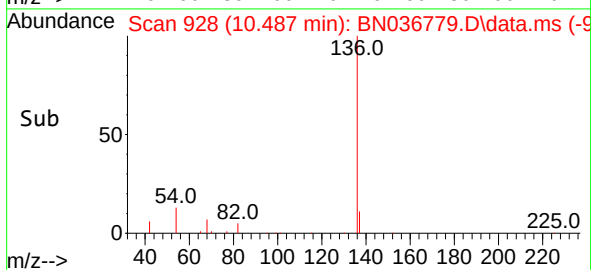
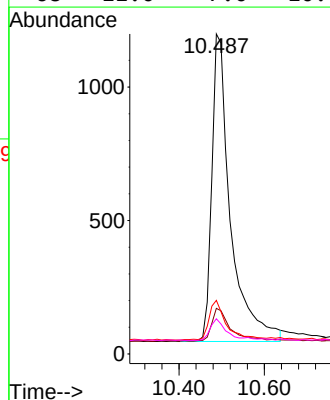
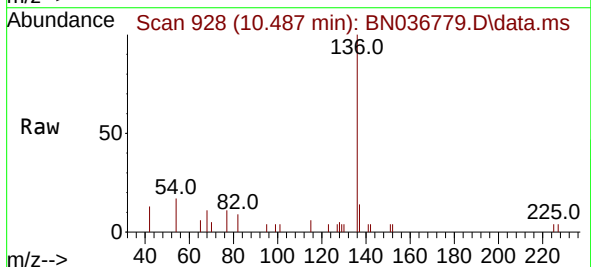
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL

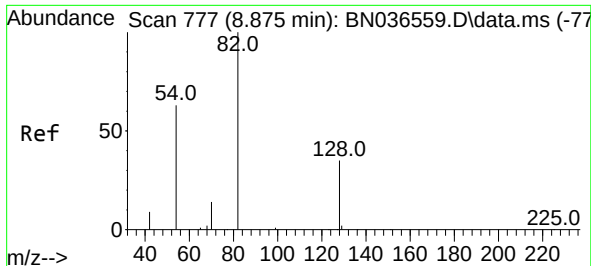
Tgt Ion: 93 Resp: 95
Ion Ratio Lower Upper
93 100
63 104.2 67.7 101.5#
95 45.3 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:136 Resp: 3509
Ion Ratio Lower Upper
136 100
137 14.3 10.3 15.5
54 16.8 11.5 17.3
68 11.0 7.0 10.4#

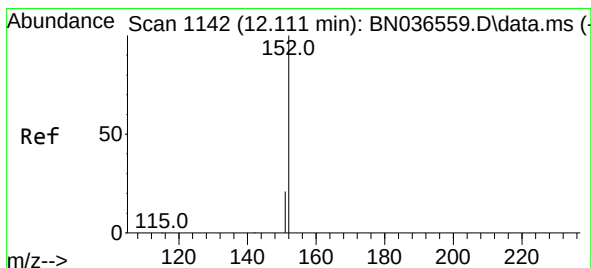
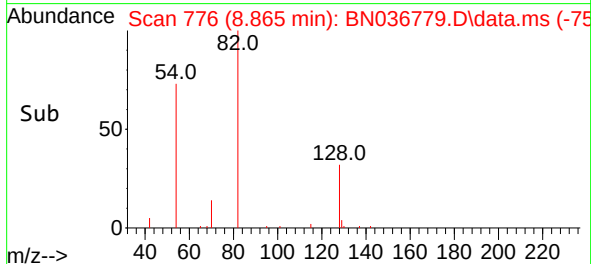
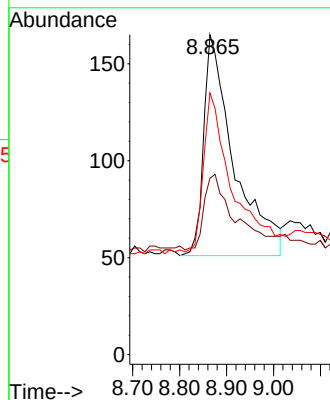
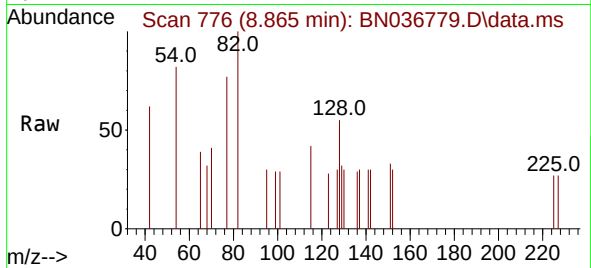




#8
Nitrobenzene-d5
Concen: 0.134 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

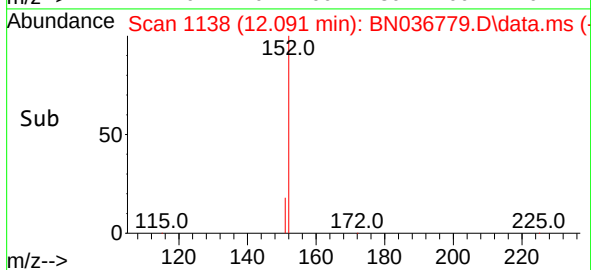
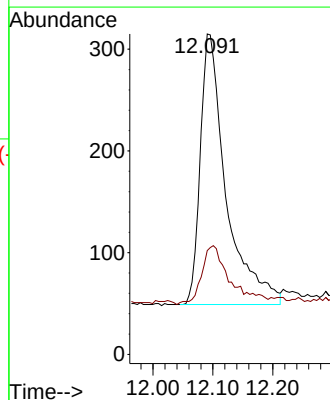
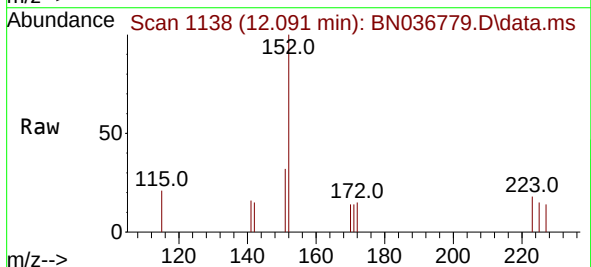
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL

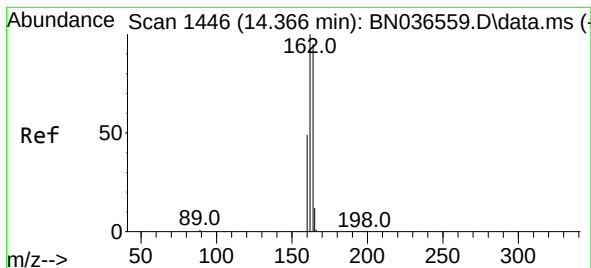
Tgt Ion: 82 Resp: 512
Ion Ratio Lower Upper
82 100
128 55.2 30.6 45.8#
54 81.8 52.2 78.4#



#11
2-Methylnaphthalene-d10
Concen: 0.153 ng
RT: 12.091 min Scan# 1138
Delta R.T. -0.020 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion: 152 Resp: 796
Ion Ratio Lower Upper
152 100
151 24.0 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. -0.021 min

Lab File: BN036779.D

Acq: 28 Mar 2025 18:50

Instrument :

BNA_N

ClientSampleId :

RE132D6-20250318DL

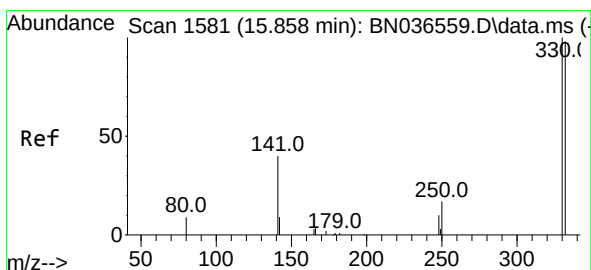
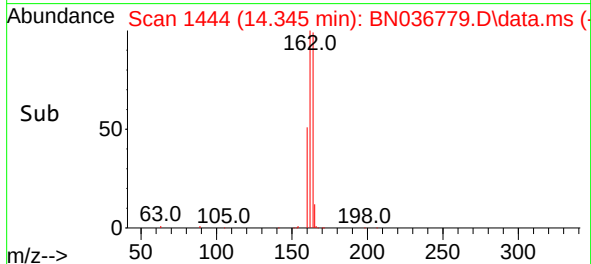
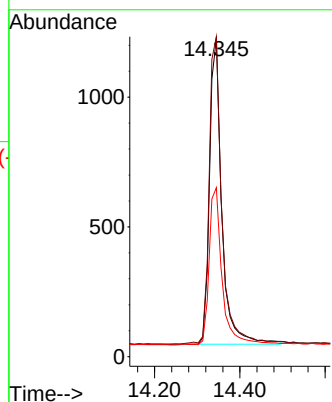
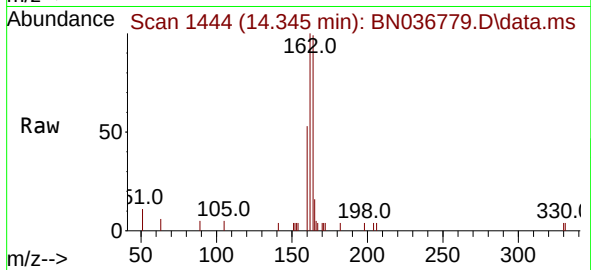
Tgt Ion:164 Resp: 2347

Ion Ratio Lower Upper

164 100

162 100.6 84.2 126.2

160 53.1 42.2 63.2



#14

2,4,6-Tribromophenol

Concen: 0.205 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BN036779.D

Acq: 28 Mar 2025 18:50

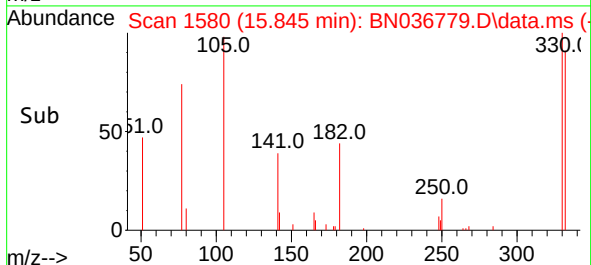
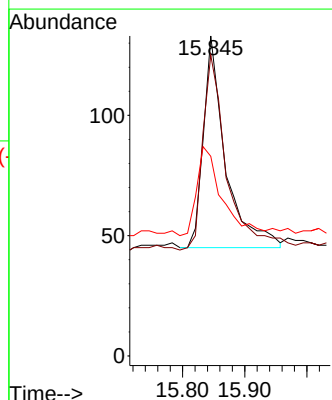
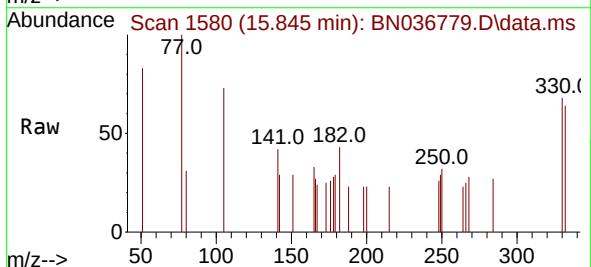
Tgt Ion:330 Resp: 218

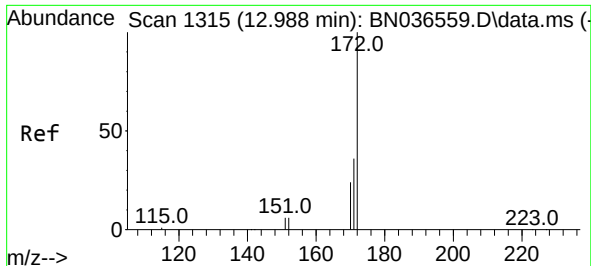
Ion Ratio Lower Upper

330 100

332 101.8 75.2 112.8

141 47.7 43.4 65.2

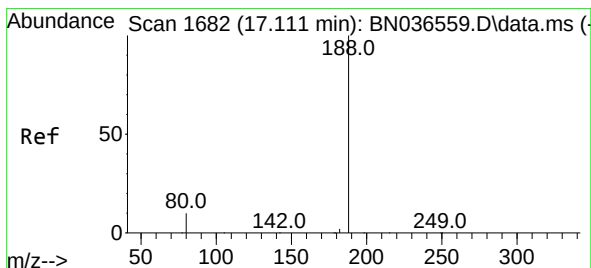
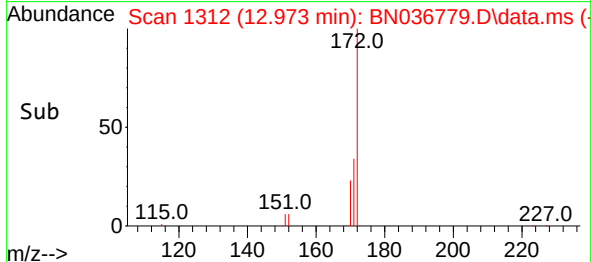
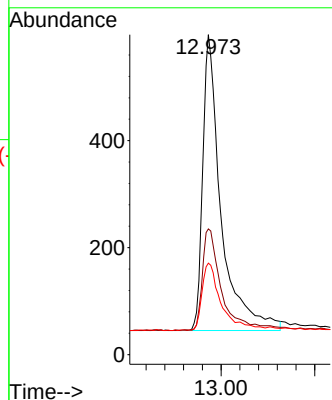
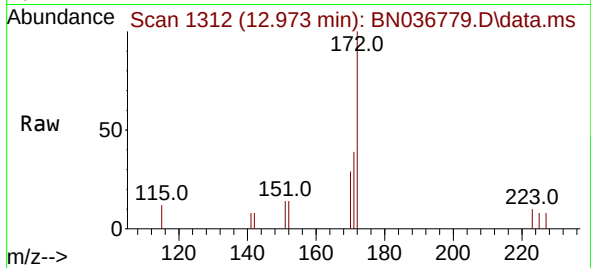




#15
2-Fluorobiphenyl
Concen: 0.137 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

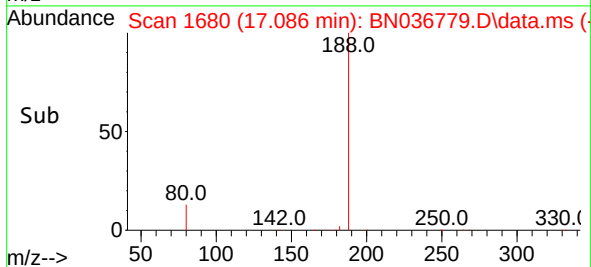
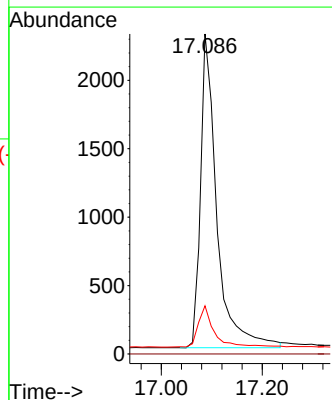
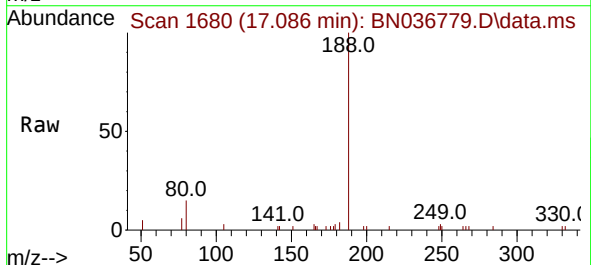
Instrument :
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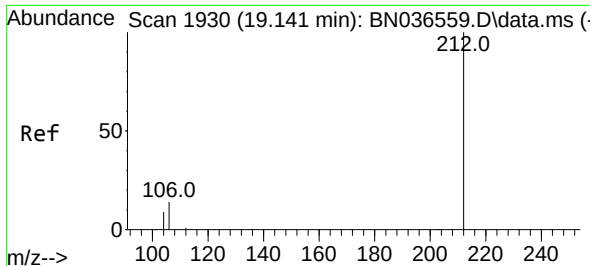
Tgt Ion:172	Resp:	1877
Ion	Ratio	Lower Upper
172	100	
171	39.3	29.5 44.3
170	28.6	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:188	Resp:	5155
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	15.0	8.8 13.2

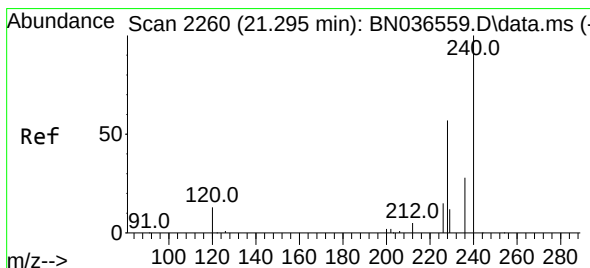
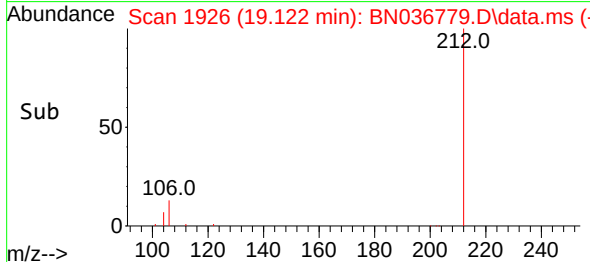
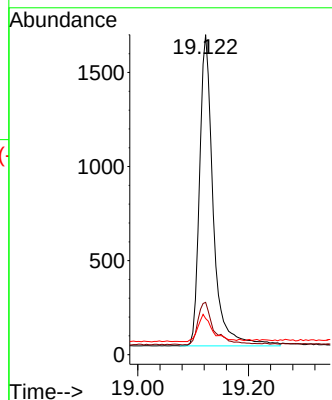
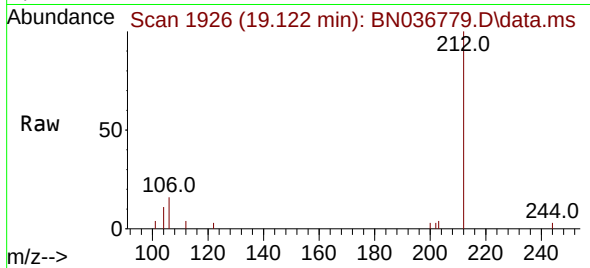




#27
Fluoranthene-d10
Concen: 0.215 ng
RT: 19.122 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

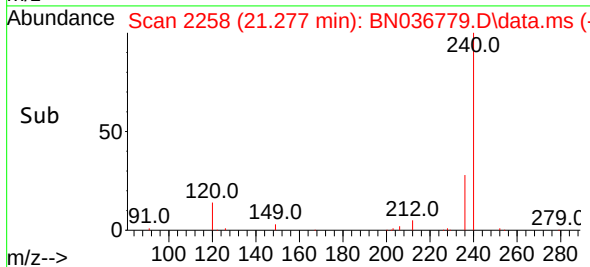
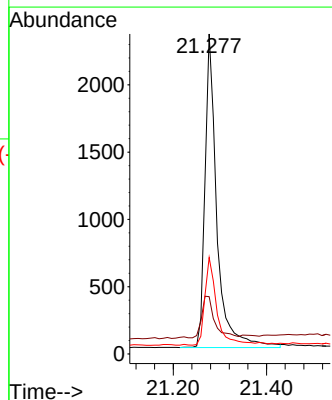
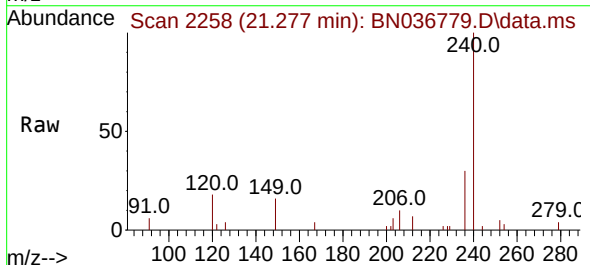
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL

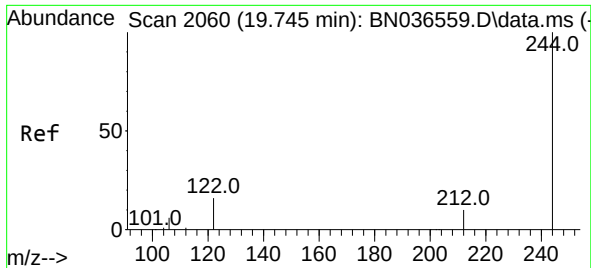
Tgt Ion:212 Resp: 2836
Ion Ratio Lower Upper
212 100
106 16.3 11.8 17.6
104 9.1 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Tgt Ion:240 Resp: 4127
Ion Ratio Lower Upper
240 100
120 17.9 14.6 22.0
236 30.2 24.1 36.1

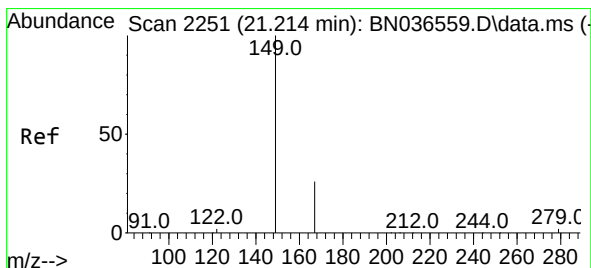
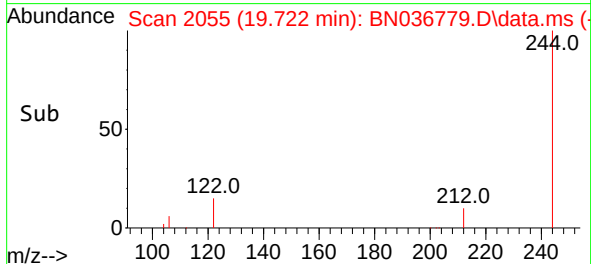
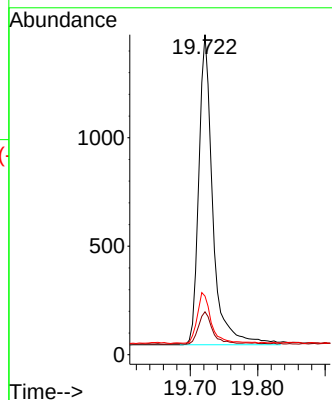
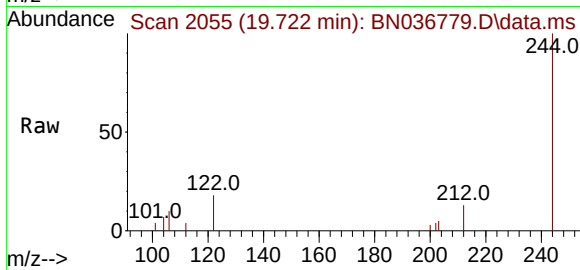




#31
Terphenyl-d14
Concen: 0.209 ng
RT: 19.722 min Scan# 2060
Delta R.T. -0.023 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

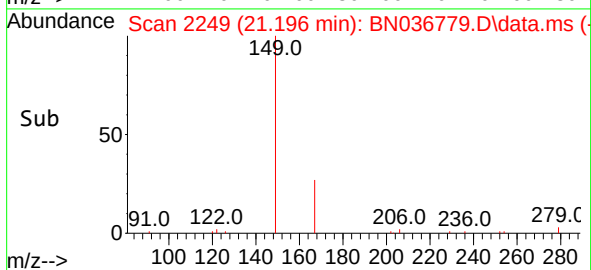
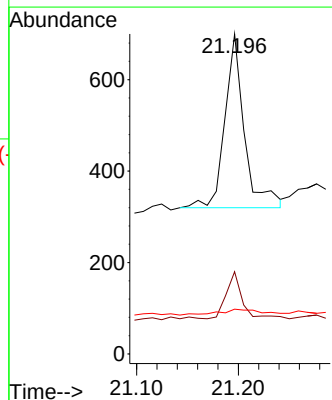
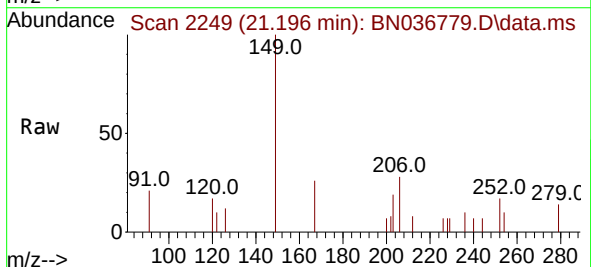
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL

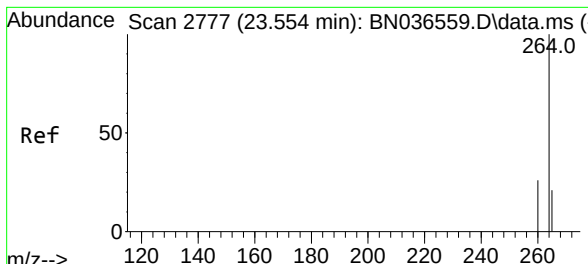
Tgt Ion:244	Resp:	2064
Ion	Ratio	Lower Upper
244	100	
212	13.4	9.6 14.4
122	18.3	13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

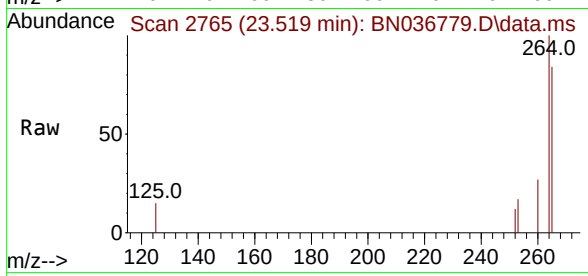
Tgt Ion:149	Resp:	505
Ion	Ratio	Lower Upper
149	100	
167	22.2	20.7 31.1
279	4.8	3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 21
Delta R.T. -0.035 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL



Tgt Ion:264 Resp: 3575
Ion Ratio Lower Upper
264 100
260 27.4 22.6 33.8
265 84.0 88.1 132.1#

