

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)

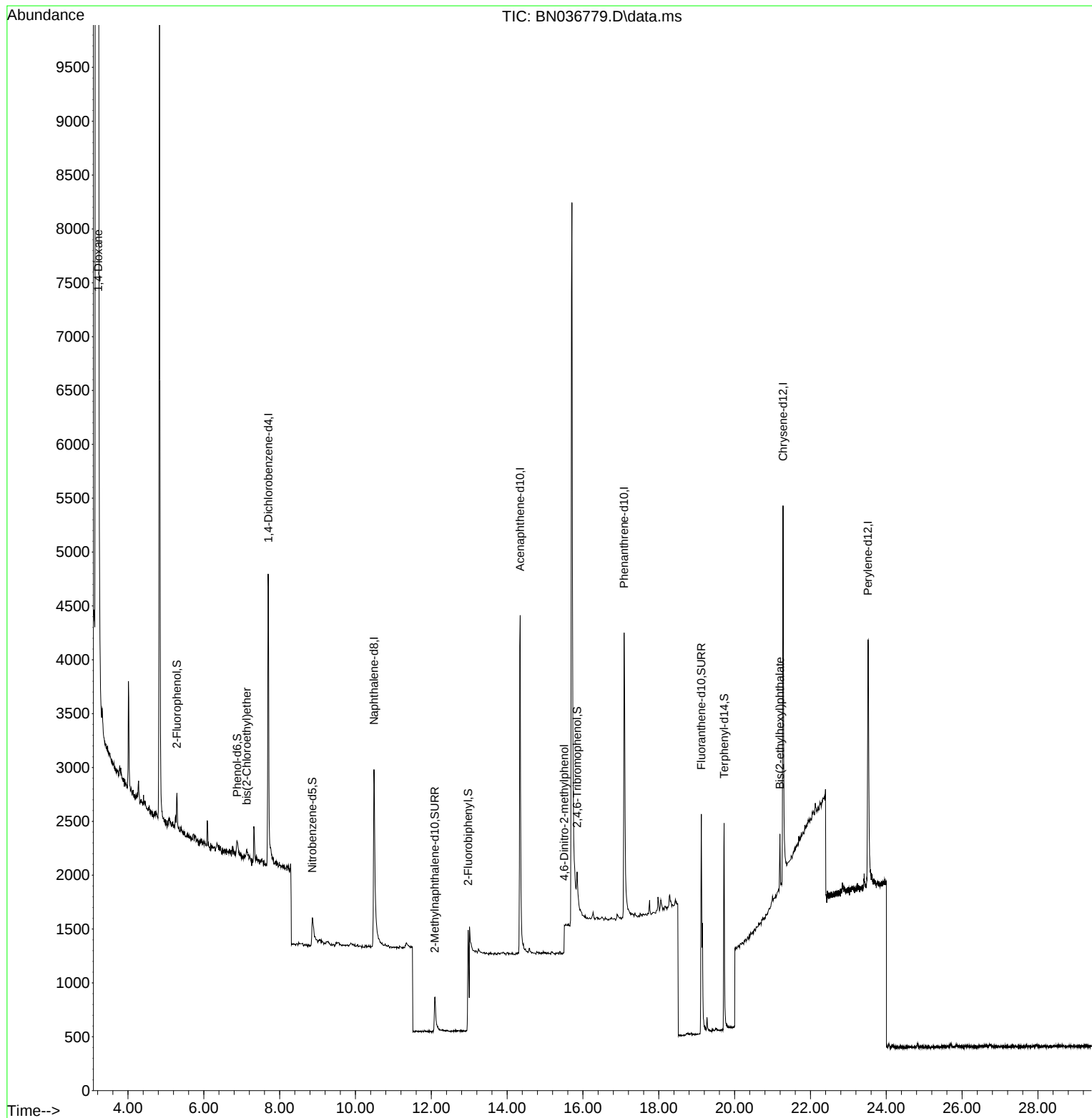
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1528	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3509	0.400	ng	#-0.02
13) Acenaphthene-d10	14.345	164	2347	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5155	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4127	0.400	ng	-0.02
35) Perylene-d12	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
20) 4,6-Dinitro-2-methylph...	15.510	198	1	0.146	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.196	149	505	0.049	ng	94

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

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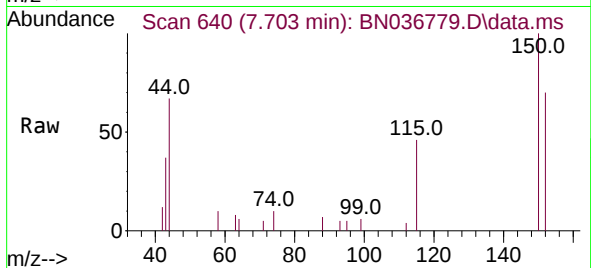
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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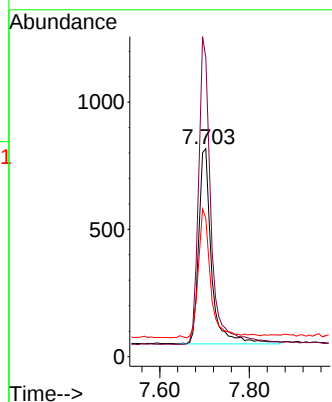
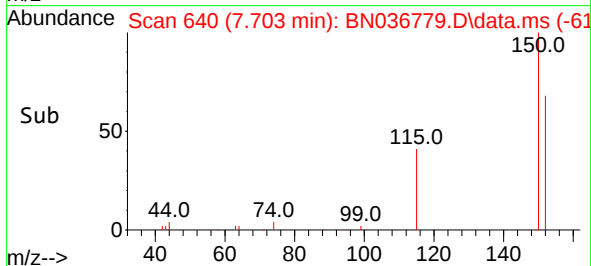


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036779.D
 Acq: 28 Mar 2025 18:50

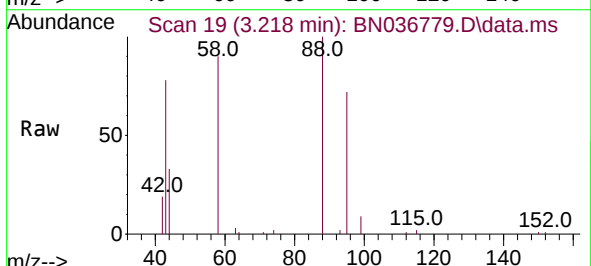
Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20250318DL



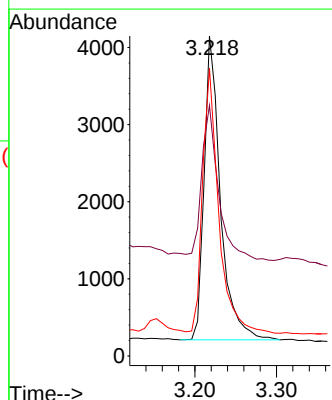
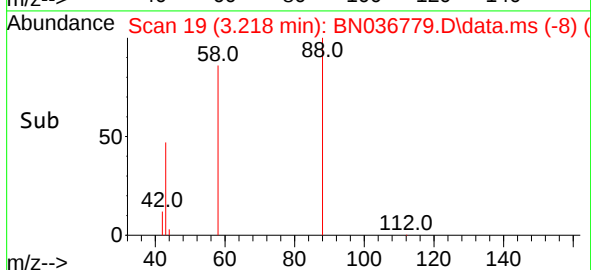
Tgt Ion:152 Resp: 1528
 Ion Ratio Lower Upper
 152 100
 150 143.7 123.7 185.5
 115 66.3 54.3 81.5



#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

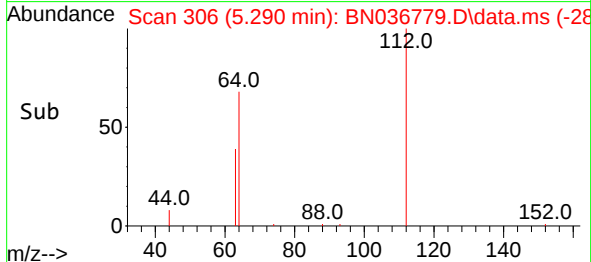
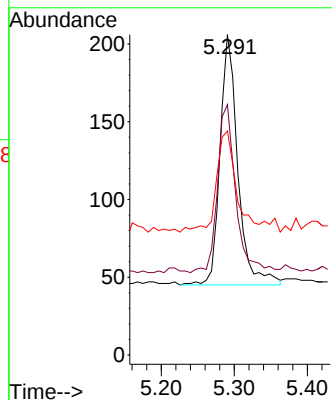
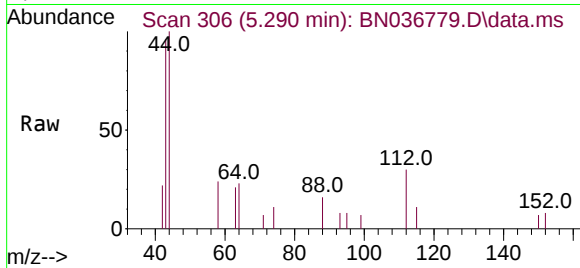




#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

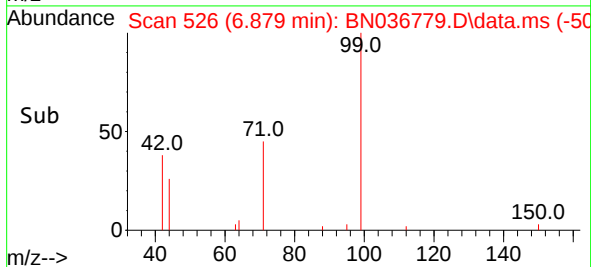
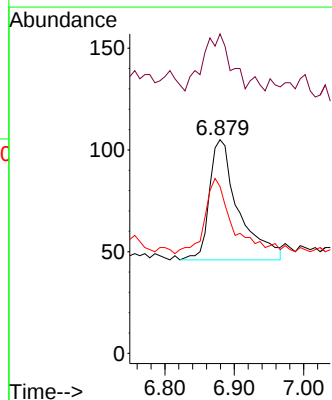
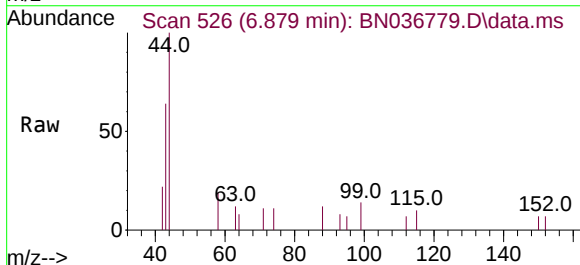
Instrument :
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ClientSampleId :
RE132D6-20250318DL

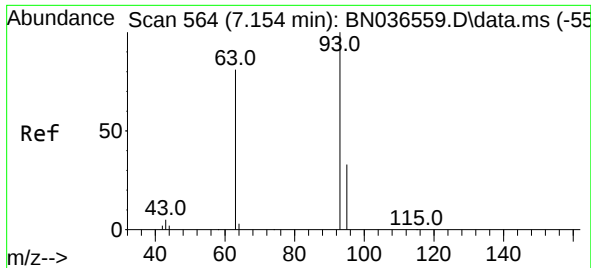
Tgt Ion:112 Resp: 273
Ion Ratio Lower Upper
112 100
64 68.5 53.1 79.7
63 44.3 31.8 47.8



#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#

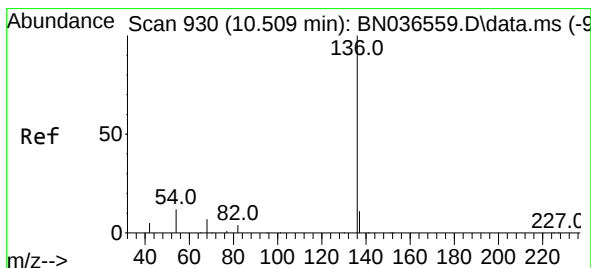
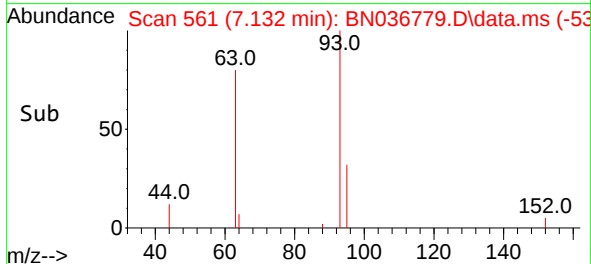
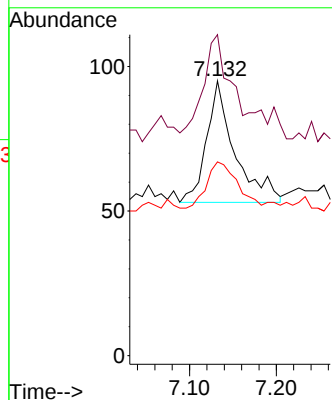
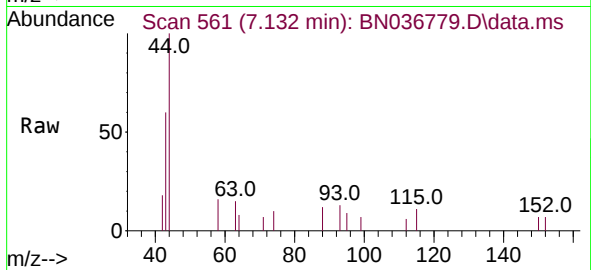




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.132 min Scan# 50
Delta R.T. -0.022 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

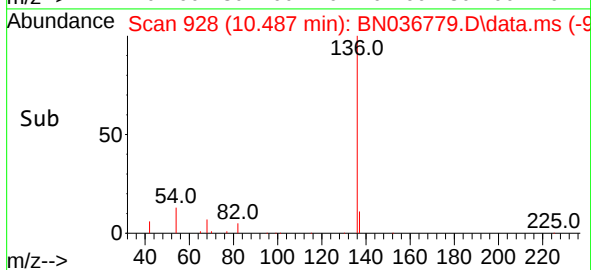
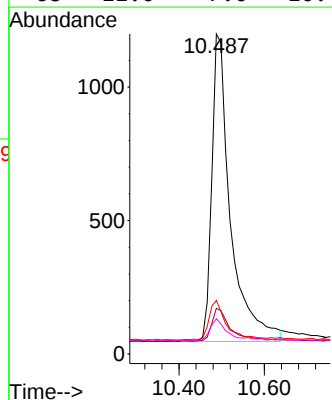
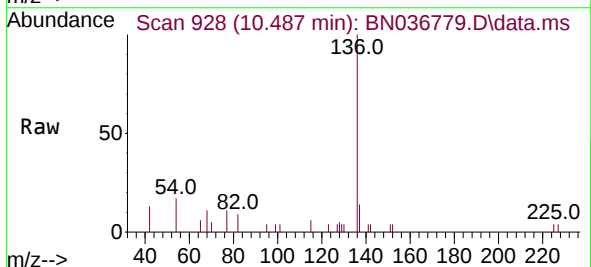
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL

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#

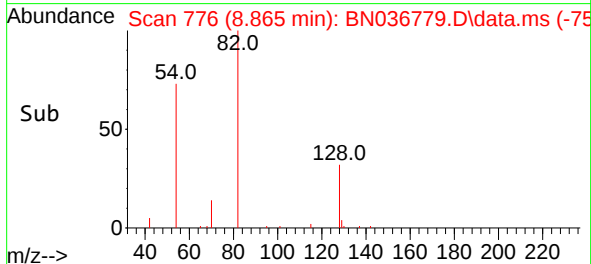
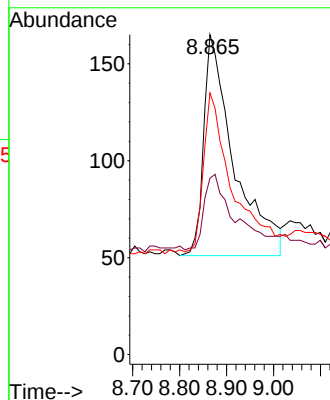
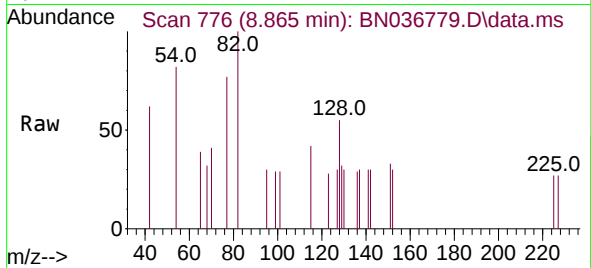




#8
 Nitrobenzene-d5
 Concen: 0.134 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN036779.D
 Acq: 28 Mar 2025 18:50

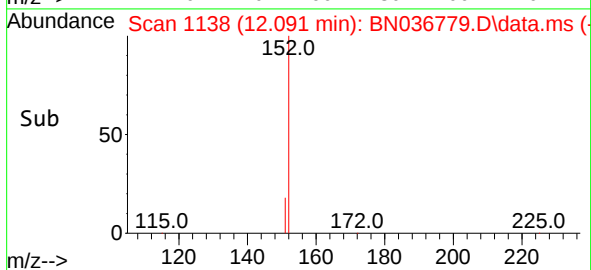
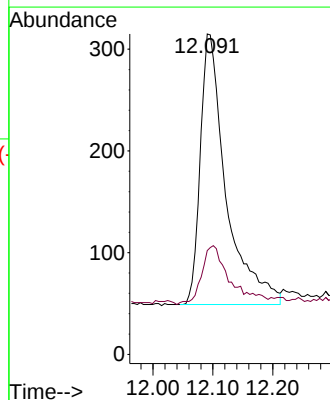
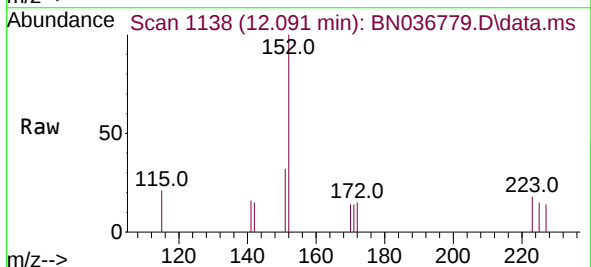
Instrument :
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 ClientSampleId :
 RE132D6-20250318DL

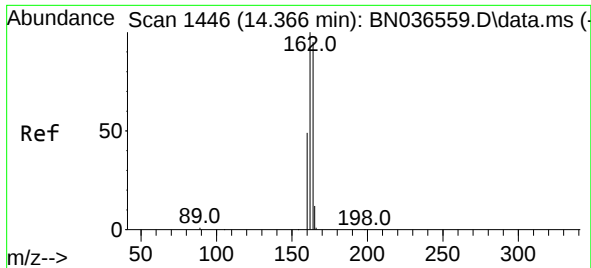
Tgt Ion: 82 Resp: 512
 Ion Ratio Lower Upper
 82 100
 128 55.2 30.6 45.8#
 54 81.8 52.2 78.4#



#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

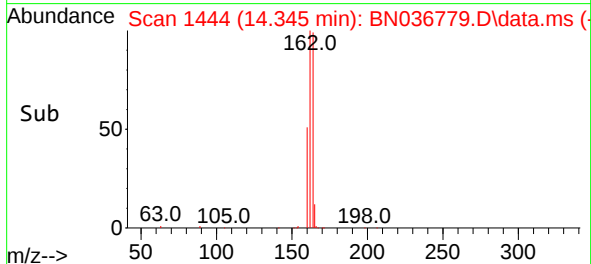
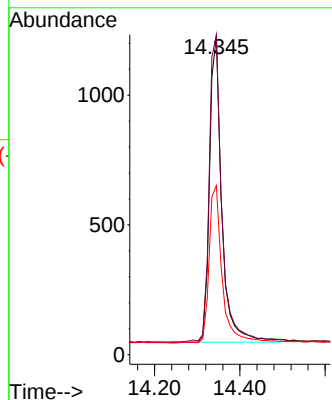
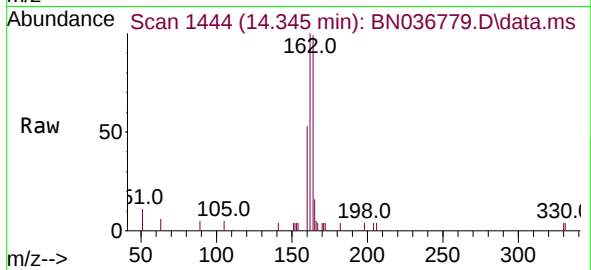




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

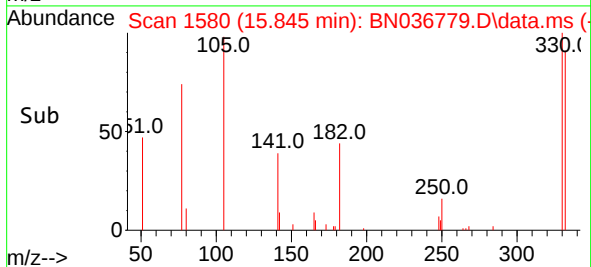
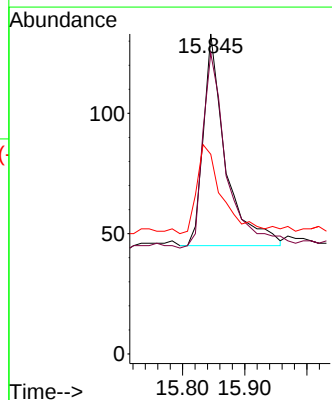
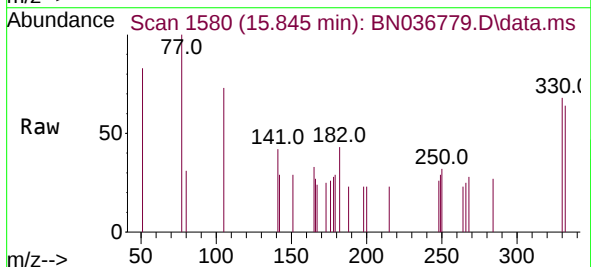
Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL

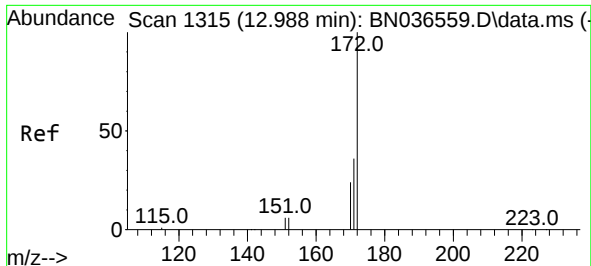
Tgt Ion:164 Resp: 2347
Ion Ratio Lower Upper
164 100
162 100.6 84.2 126.2
160 53.1 42.2 63.2



#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

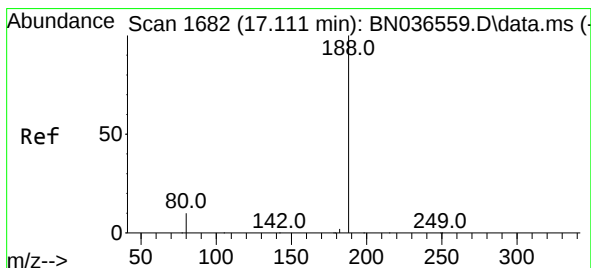
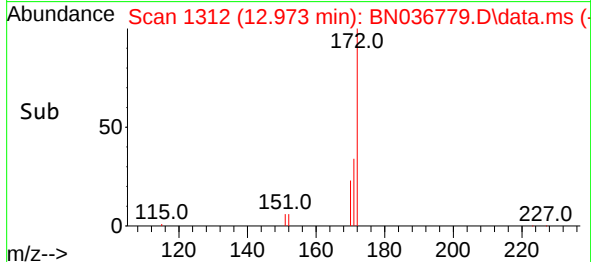
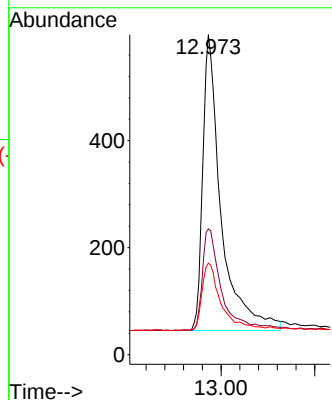
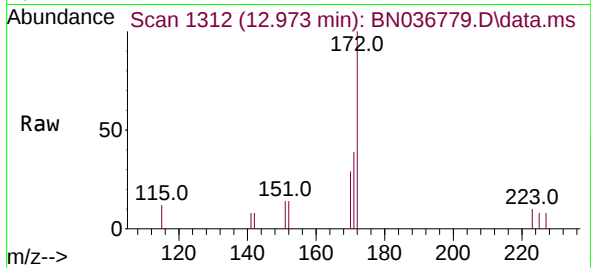




#15
2-Fluorobiphenyl
Concen: 0.137 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

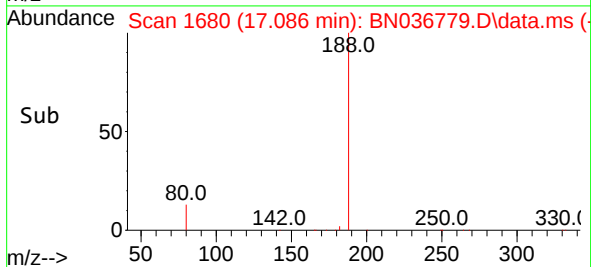
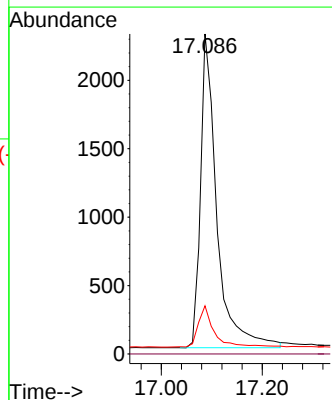
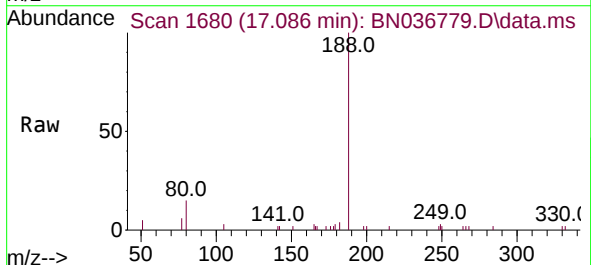
Instrument :
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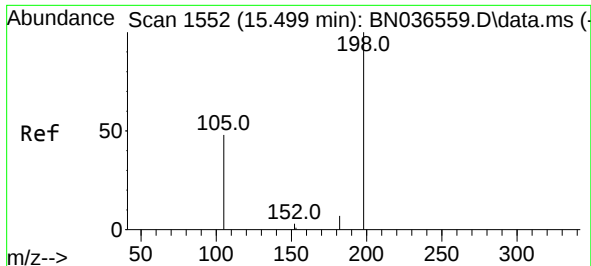
Tgt Ion:	172	Resp:	1877
Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.5	44.3
170	28.6	20.2	30.4



#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

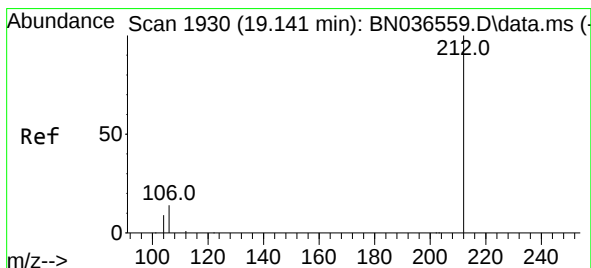
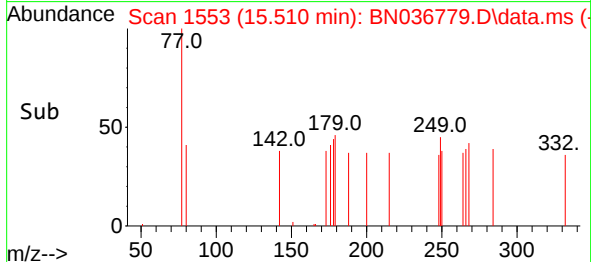
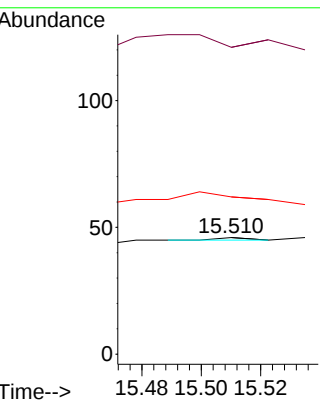
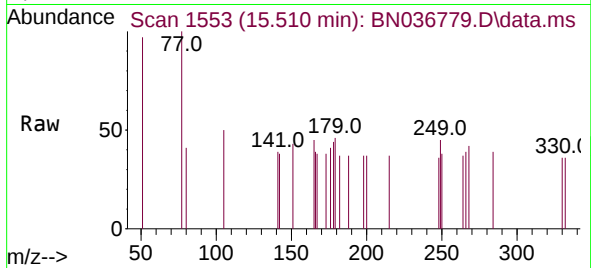




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.510 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

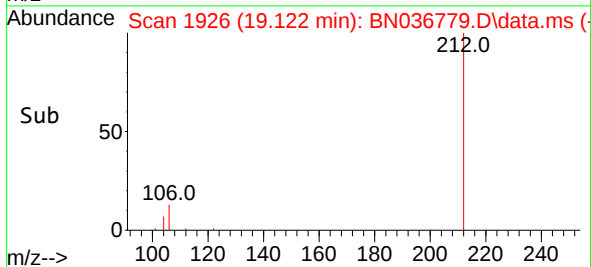
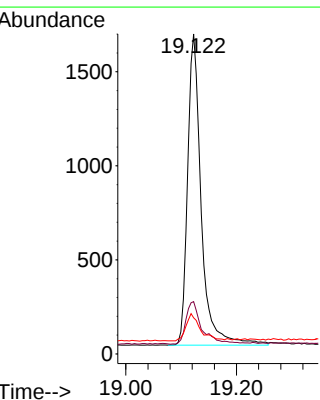
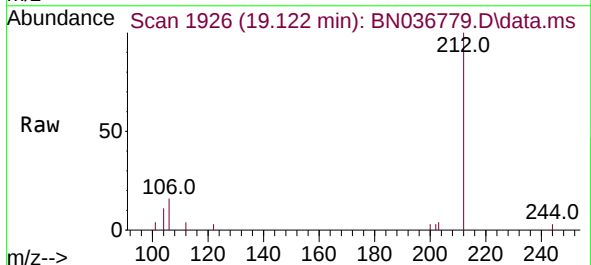
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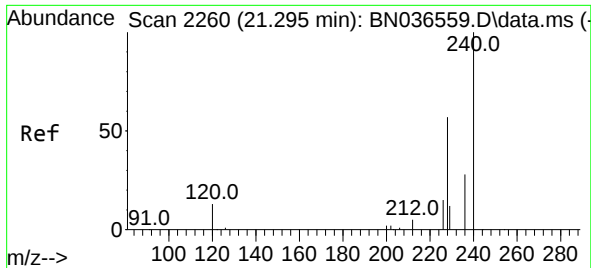
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 263.0 107.9 161.9#
105 134.8 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.215 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

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

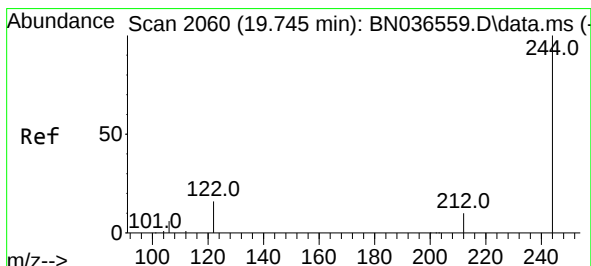
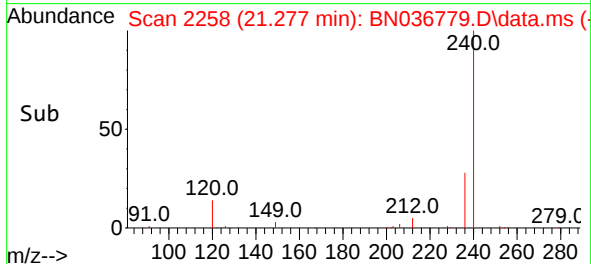
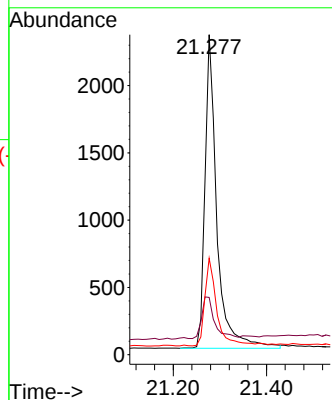
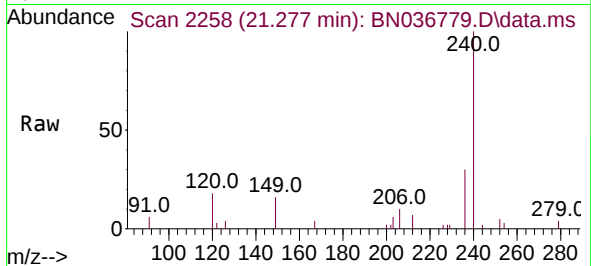




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

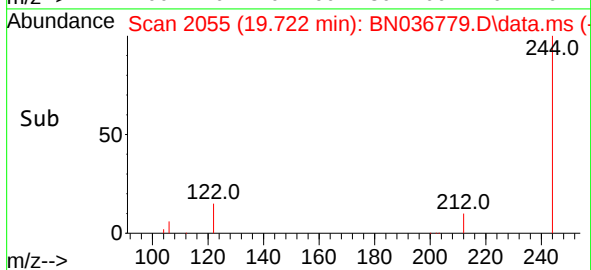
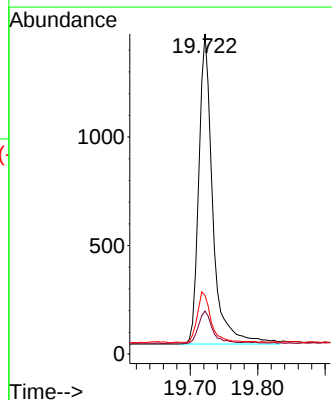
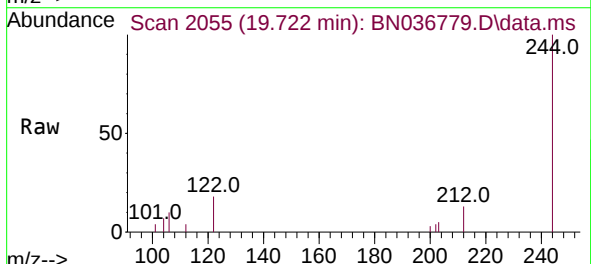
Instrument :
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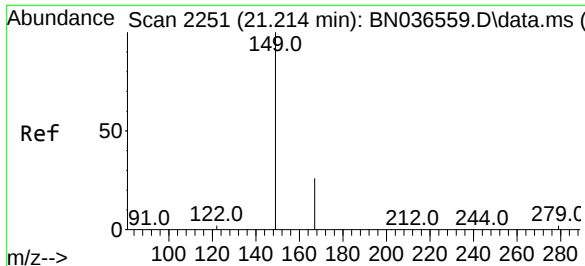
Tgt Ion:240 Resp: 4127
Ion Ratio Lower Upper
240 100
120 17.9 14.6 22.0
236 30.2 24.1 36.1



#31
Terphenyl-d14
Concen: 0.209 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

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

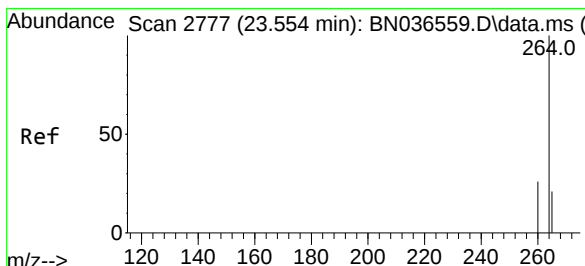
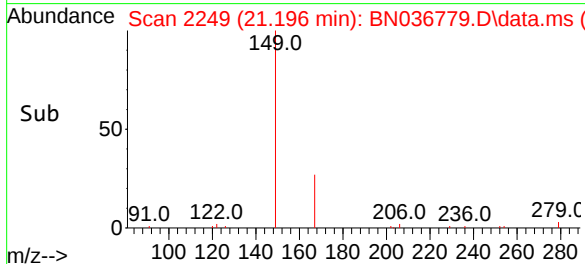
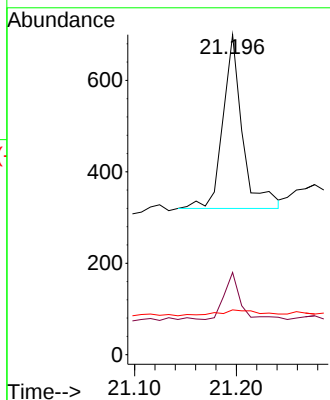
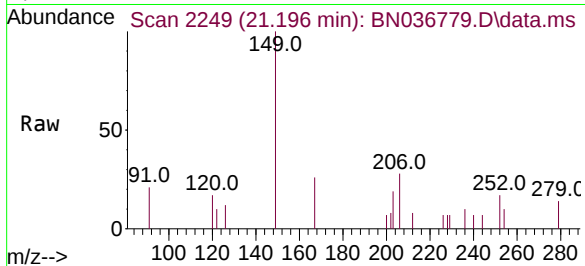




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

Instrument :
BNA_N
ClientSampleId :
RE132D6-20250318DL

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# 2765
Delta R.T. -0.035 min
Lab File: BN036779.D
Acq: 28 Mar 2025 18:50

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#

