

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
 Data File : BN036549.D
 Acq On : 07 Mar 2025 16:13
 Operator : RC/JU
 Sample : Q1500-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20250305

Quant Time: Mar 07 16:52:36 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)

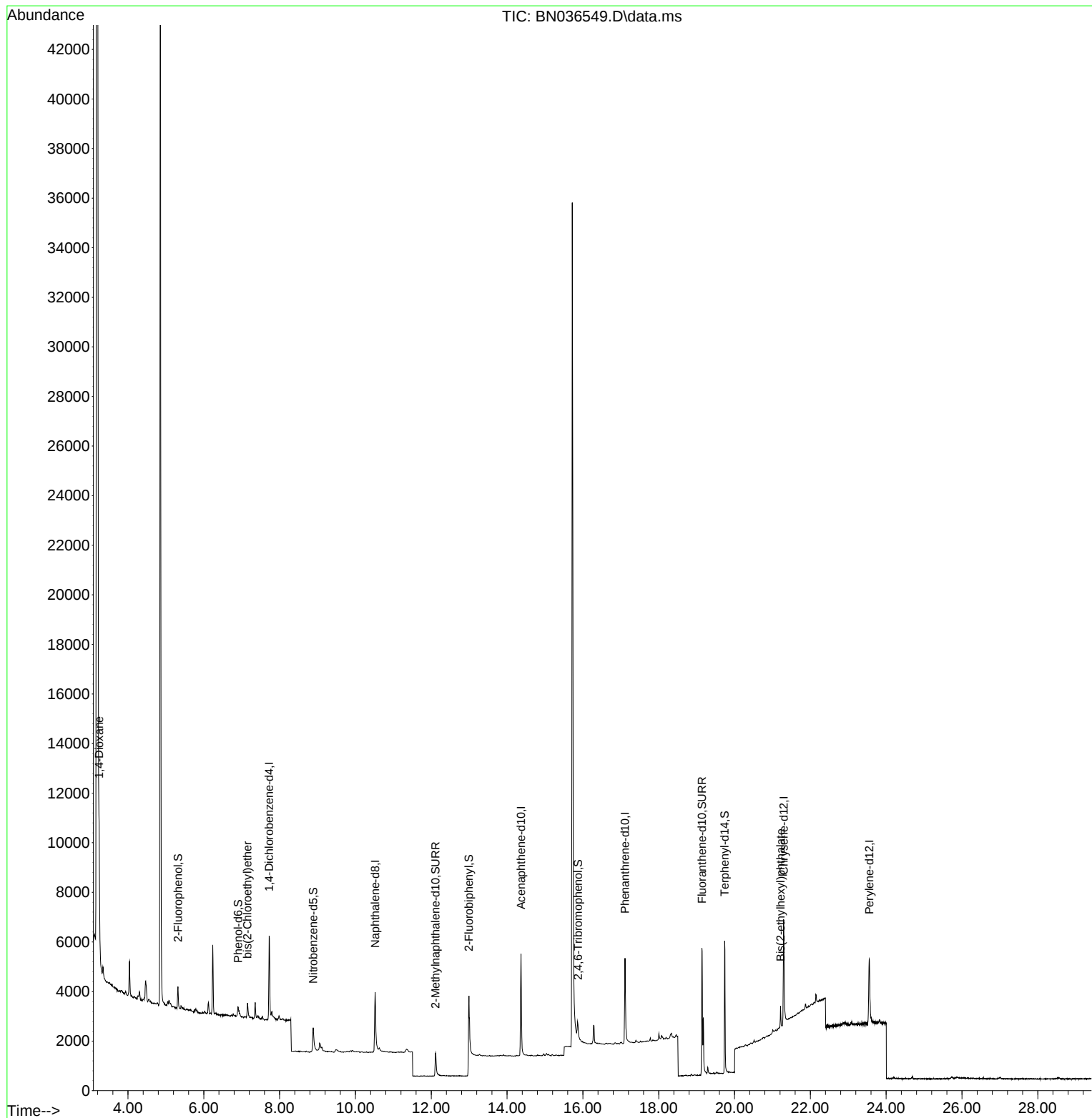
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1821	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4192	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2633	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5418	0.400	ng	# 0.00
29) Chrysene-d12	21.295	240	4614	0.400	ng	# 0.00
35) Perylene-d12	23.554	264	4276	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	672	0.156	ng	0.00
5) Phenol-d6	6.908	99	446	0.088	ng	0.00
8) Nitrobenzene-d5	8.886	82	1303	0.315	ng	0.01
11) 2-Methylnaphthalene-d10	12.116	152	1920	0.298	ng	0.01
14) 2,4,6-Tribromophenol	15.870	330	442	0.339	ng	0.01
15) 2-Fluorobiphenyl	12.993	172	5224	0.528	ng	0.00
27) Fluoranthene-d10	19.141	212	6323	0.420	ng	0.00
31) Terphenyl-d14	19.740	244	5308	0.539	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	1884	0.946	ng	# 93
6) bis(2-Chloroethyl)ether	7.154	93	459	0.087	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.214	149	827	0.087	ng	# 97

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

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BNA_N
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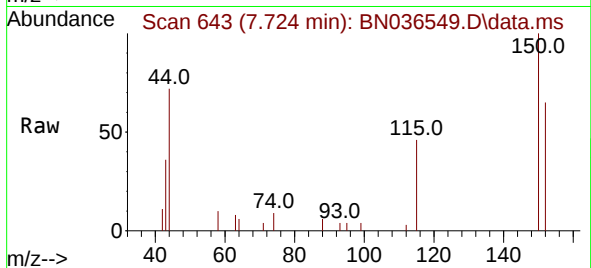
Quant Time: Mar 07 16:52:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
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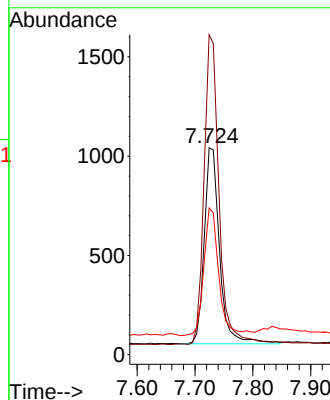
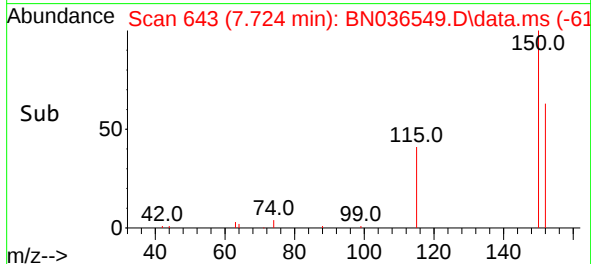


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN036549.D
 Acq: 07 Mar 2025 16:13

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20250305

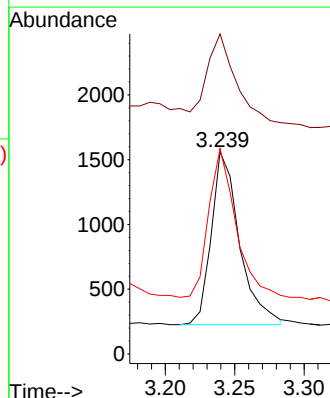
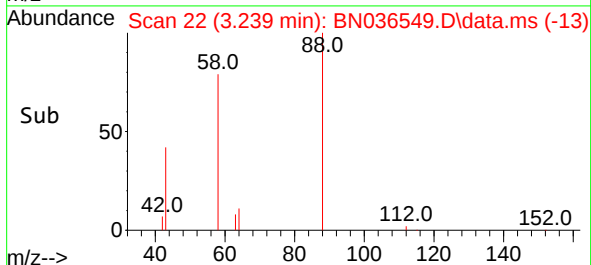
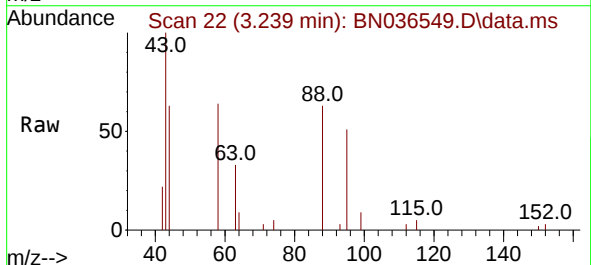


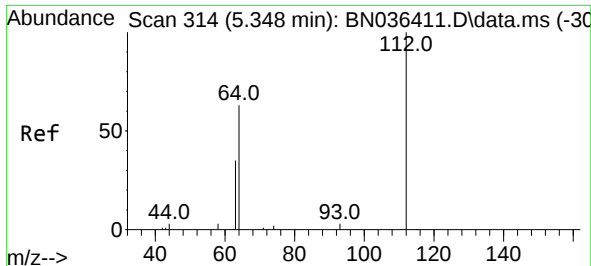
Tgt Ion:152 Resp: 1821
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.7 185.5
 115 70.9 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.946 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.007 min
 Lab File: BN036549.D
 Acq: 07 Mar 2025 16:13

Tgt Ion: 88 Resp: 1884
 Ion Ratio Lower Upper
 88 100
 43 51.7 33.7 50.5#
 58 82.9 68.9 103.3

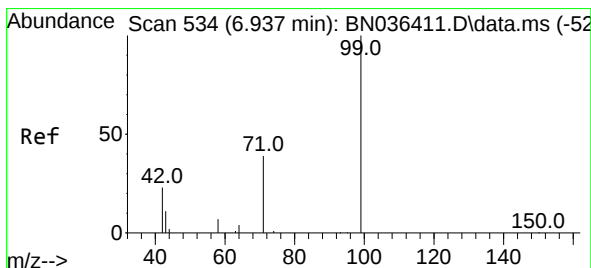
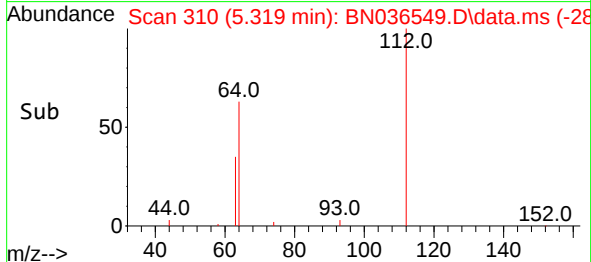
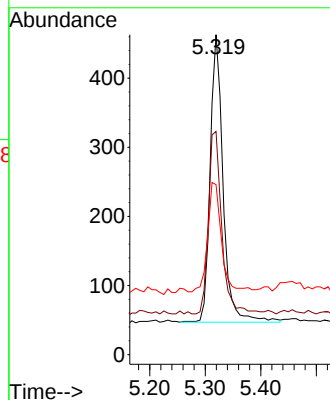
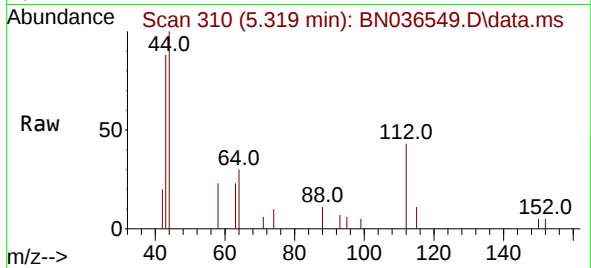




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.319 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

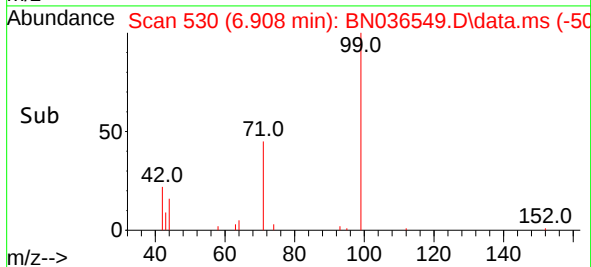
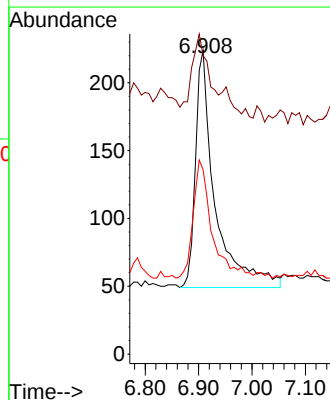
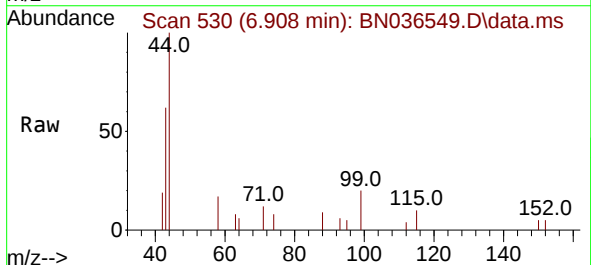
Instrument :
BNA_N
ClientSampleId :
MW17811-20250305

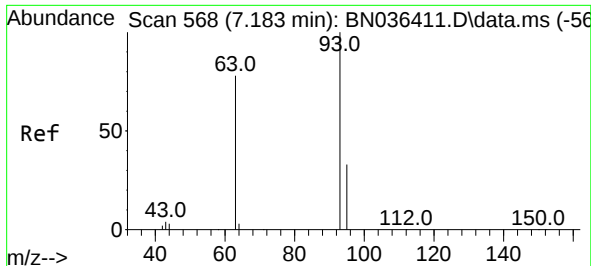
Tgt Ion:112 Resp: 672
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.0
63 40.2 30.3 45.5



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.908 min Scan# 530
Delta R.T. 0.007 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

Tgt Ion: 99 Resp: 446
Ion Ratio Lower Upper
99 100
42 23.3 21.7 32.5
71 47.5 32.6 49.0

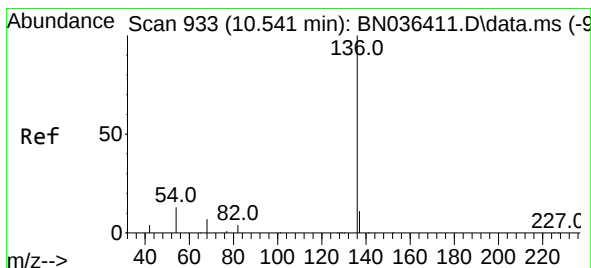
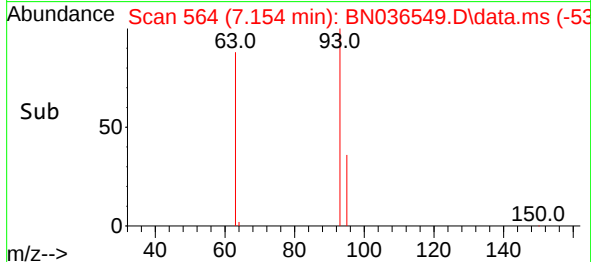
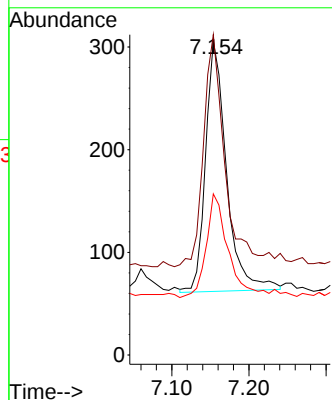
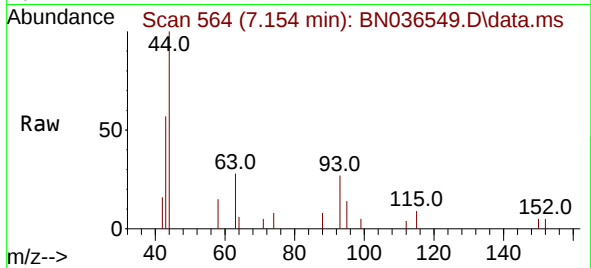




#6
bis(2-Chloroethyl)ether
Concen: 0.087 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.000 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

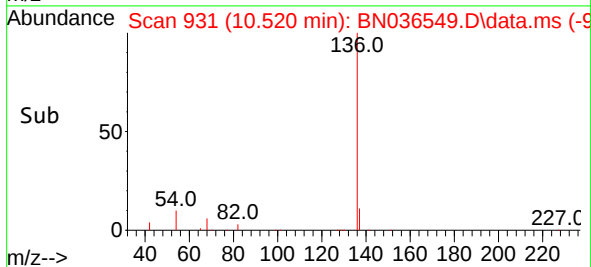
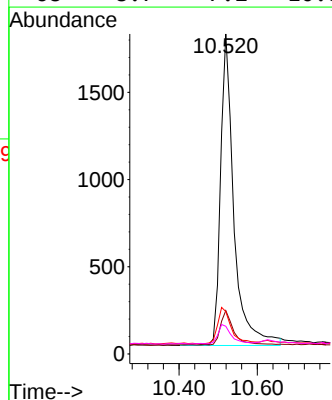
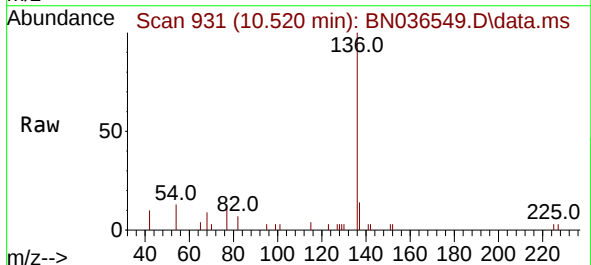
Instrument :
BNA_N
ClientSampleId :
MW17811-20250305

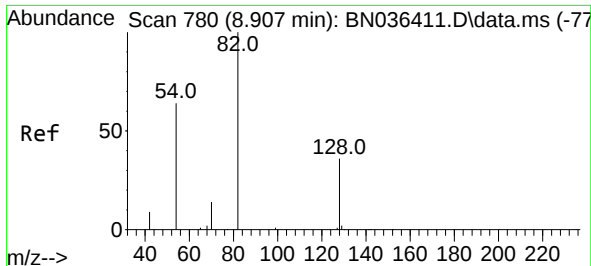
Tgt Ion: 93 Resp: 459
Ion Ratio Lower Upper
93 100
63 93.5 66.3 99.5
95 43.6 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

Tgt Ion: 136 Resp: 4192
Ion Ratio Lower Upper
136 100
137 13.6 10.1 15.1
54 13.2 11.8 17.6
68 8.7 7.2 10.8

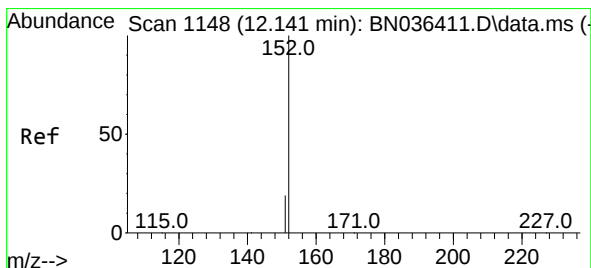
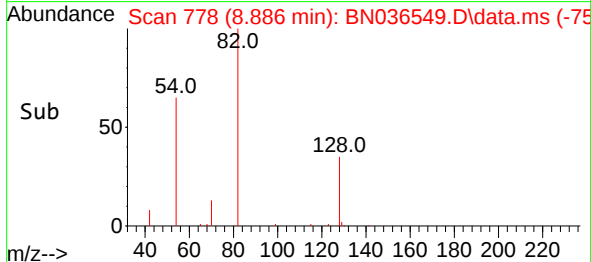
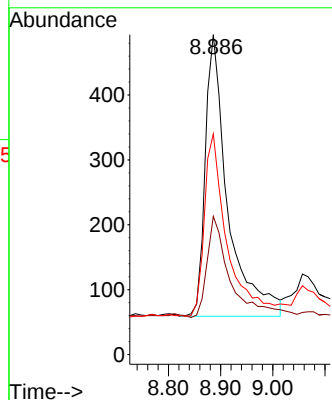
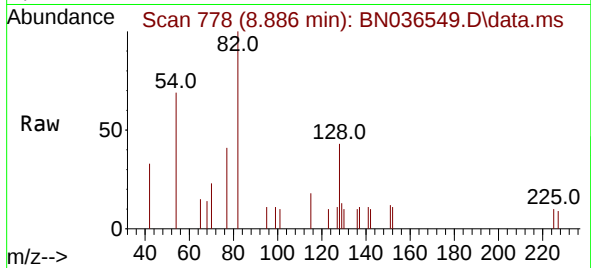




#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.886 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

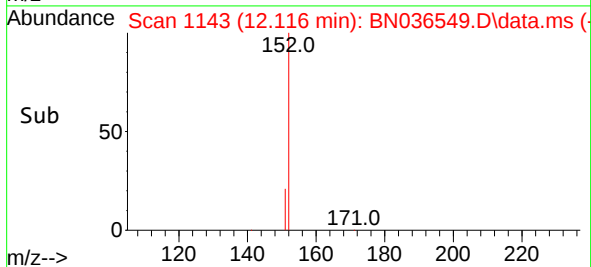
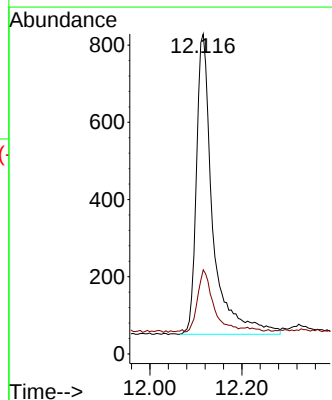
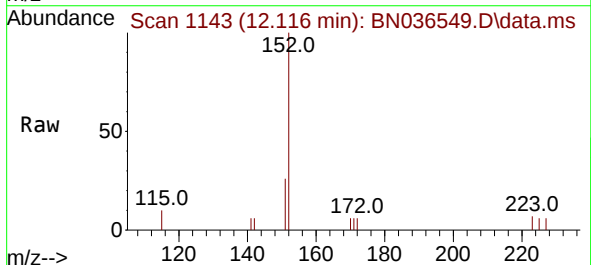
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BNA_N
ClientSampleId :
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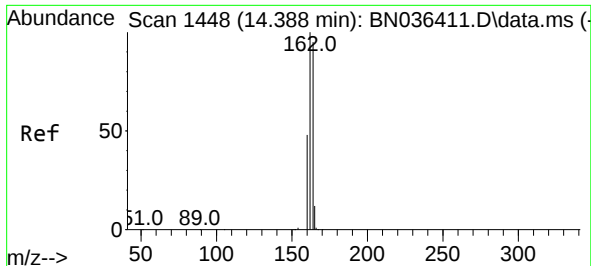
Tgt Ion: 82 Resp: 1303
Ion Ratio Lower Upper
82 100
128 43.2 31.9 47.9
54 69.0 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.010 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

Tgt Ion:152 Resp: 1920
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0

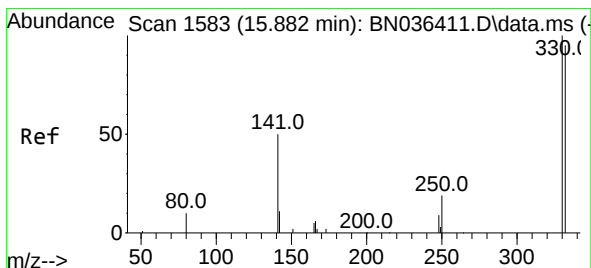
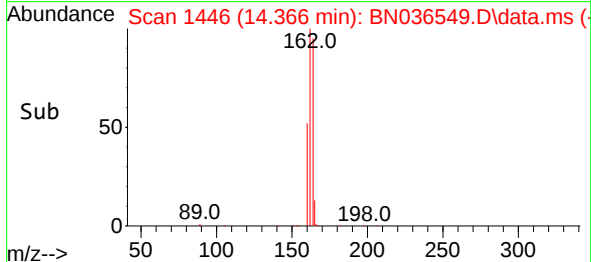
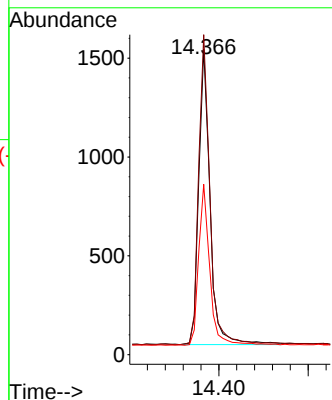
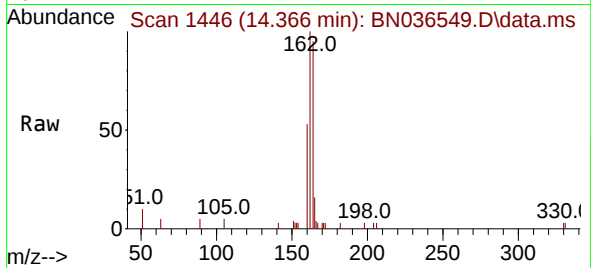




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

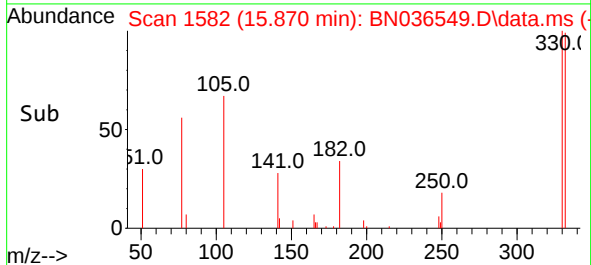
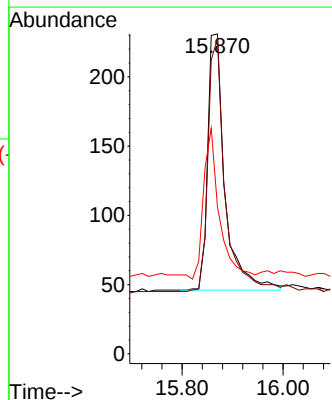
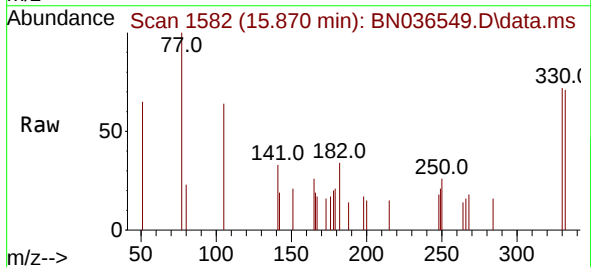
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BNA_N
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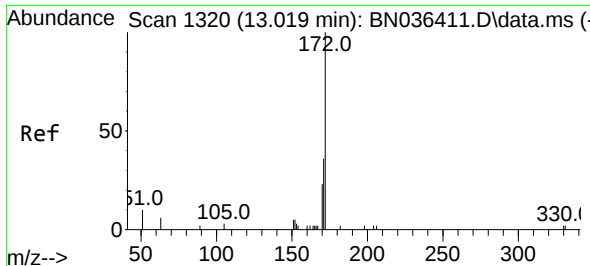
Tgt Ion:164 Resp: 2633
Ion Ratio Lower Upper
164 100
162 104.8 84.1 126.1
160 55.8 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.870 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 48.4 37.8 56.8

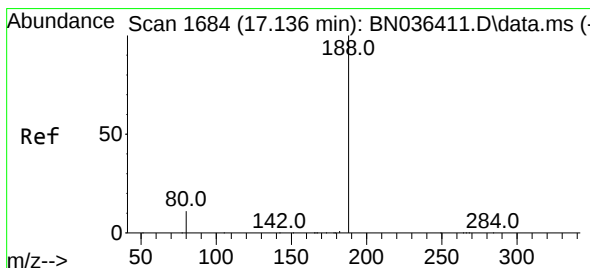
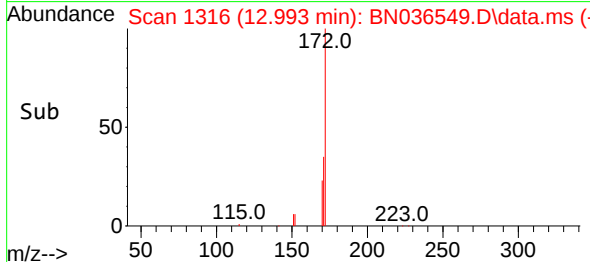
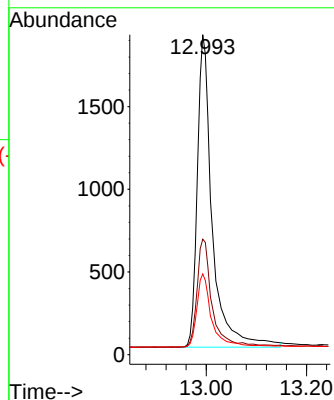
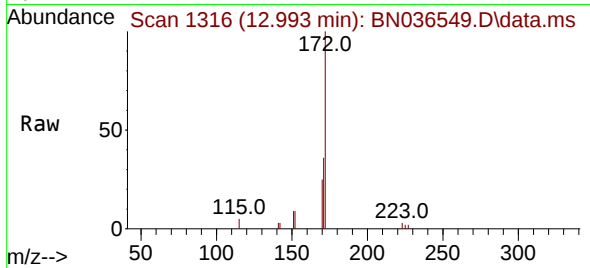




#15
2-Fluorobiphenyl
Concen: 0.528 ng
RT: 12.993 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

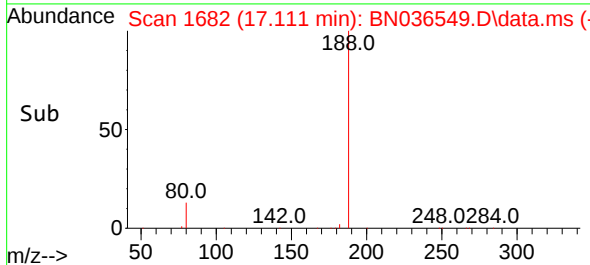
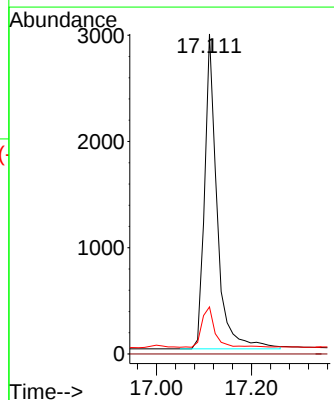
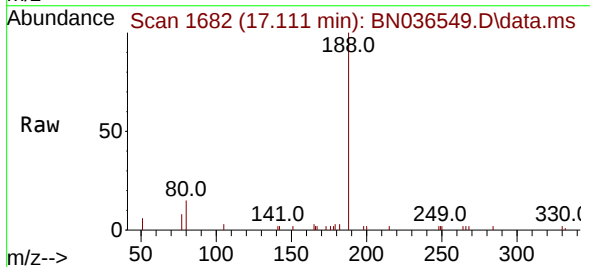
Instrument :
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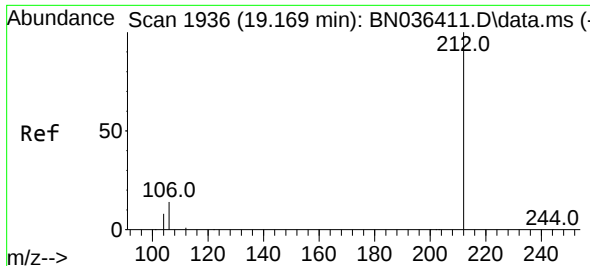
Tgt Ion:172 Resp: 5224
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 25.3 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

Tgt Ion:188 Resp: 5418
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.7 9.8 14.6#

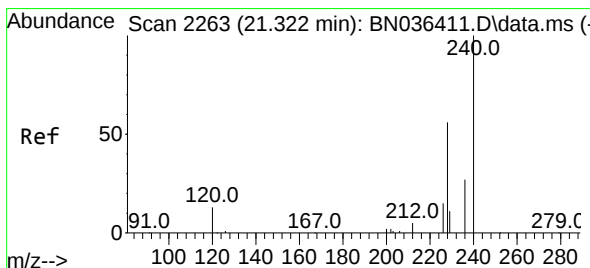
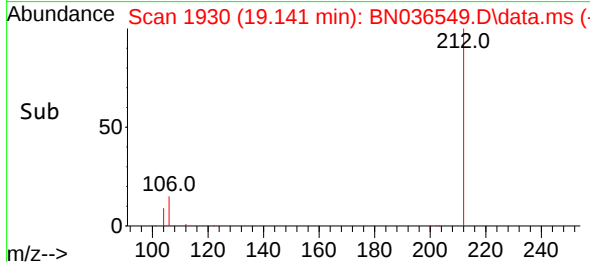
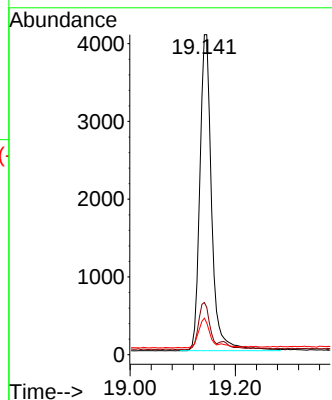
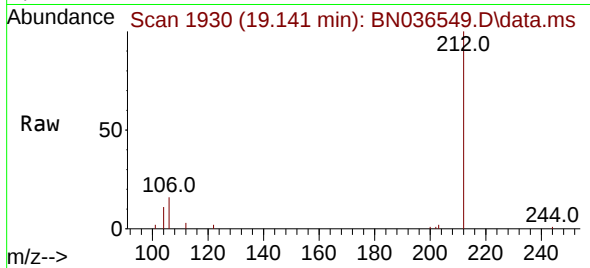




#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

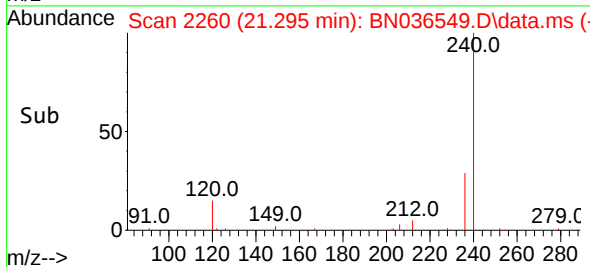
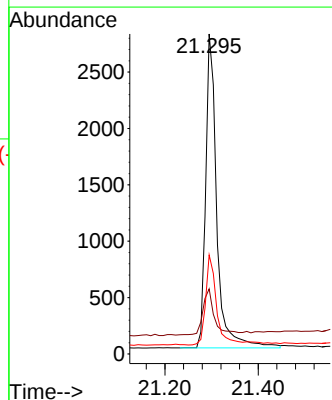
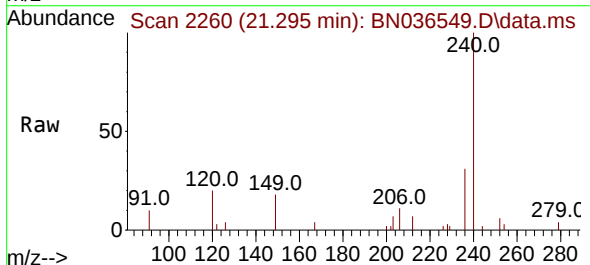
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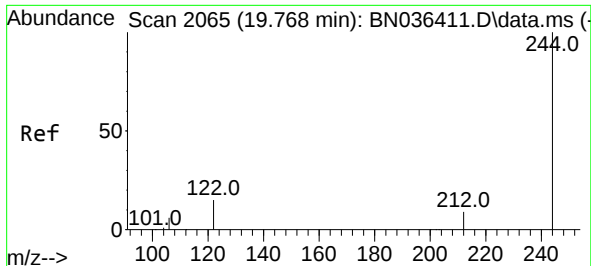
Tgt Ion:212 Resp: 6323
Ion Ratio Lower Upper
212 100
106 14.0 11.5 17.3
104 8.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

Tgt Ion:240 Resp: 4614
Ion Ratio Lower Upper
240 100
120 20.3 13.3 19.9#
236 31.0 23.0 34.6

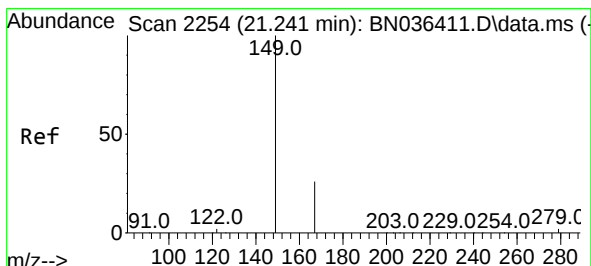
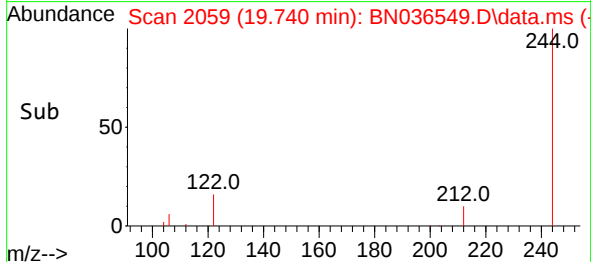
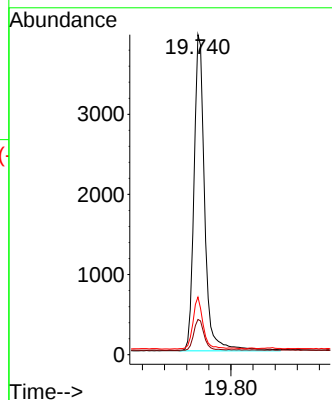
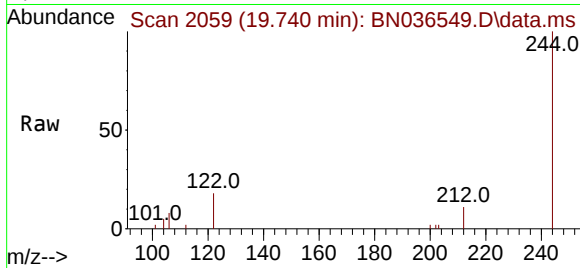




#31
 Terphenyl-d14
 Concen: 0.539 ng
 RT: 19.740 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN036549.D
 Acq: 07 Mar 2025 16:13

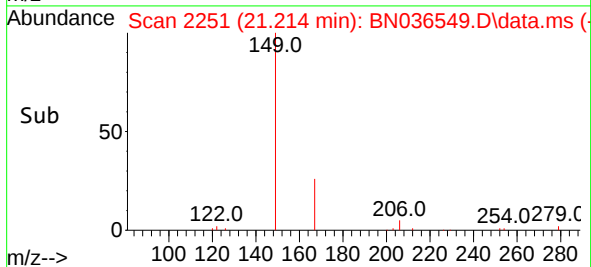
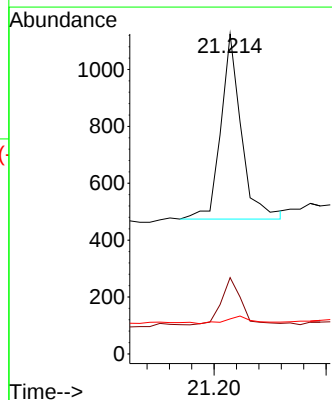
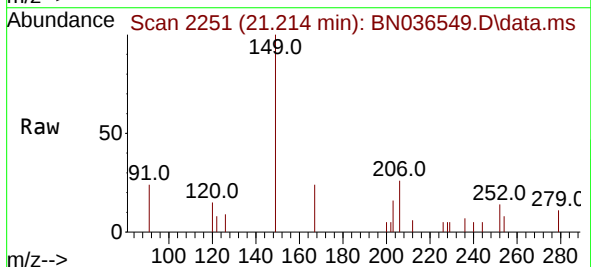
Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20250305

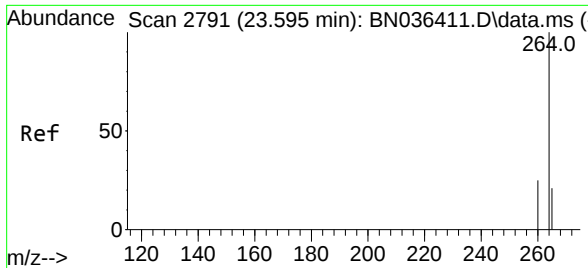
Tgt Ion:244 Resp: 5308
 Ion Ratio Lower Upper
 244 100
 212 11.0 8.1 12.1
 122 18.0 12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.214 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BN036549.D
 Acq: 07 Mar 2025 16:13

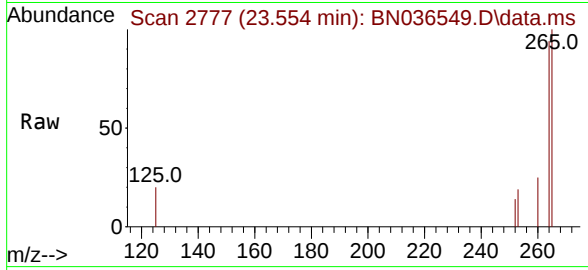
Tgt Ion:149 Resp: 827
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.2 31.8
 279 5.3 2.7 4.1#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN036549.D
 Acq: 07 Mar 2025 16:13

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20250305



Tgt Ion:264 Resp: 4276

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.9	31.3
265	106.2	60.7	91.1#

