

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)

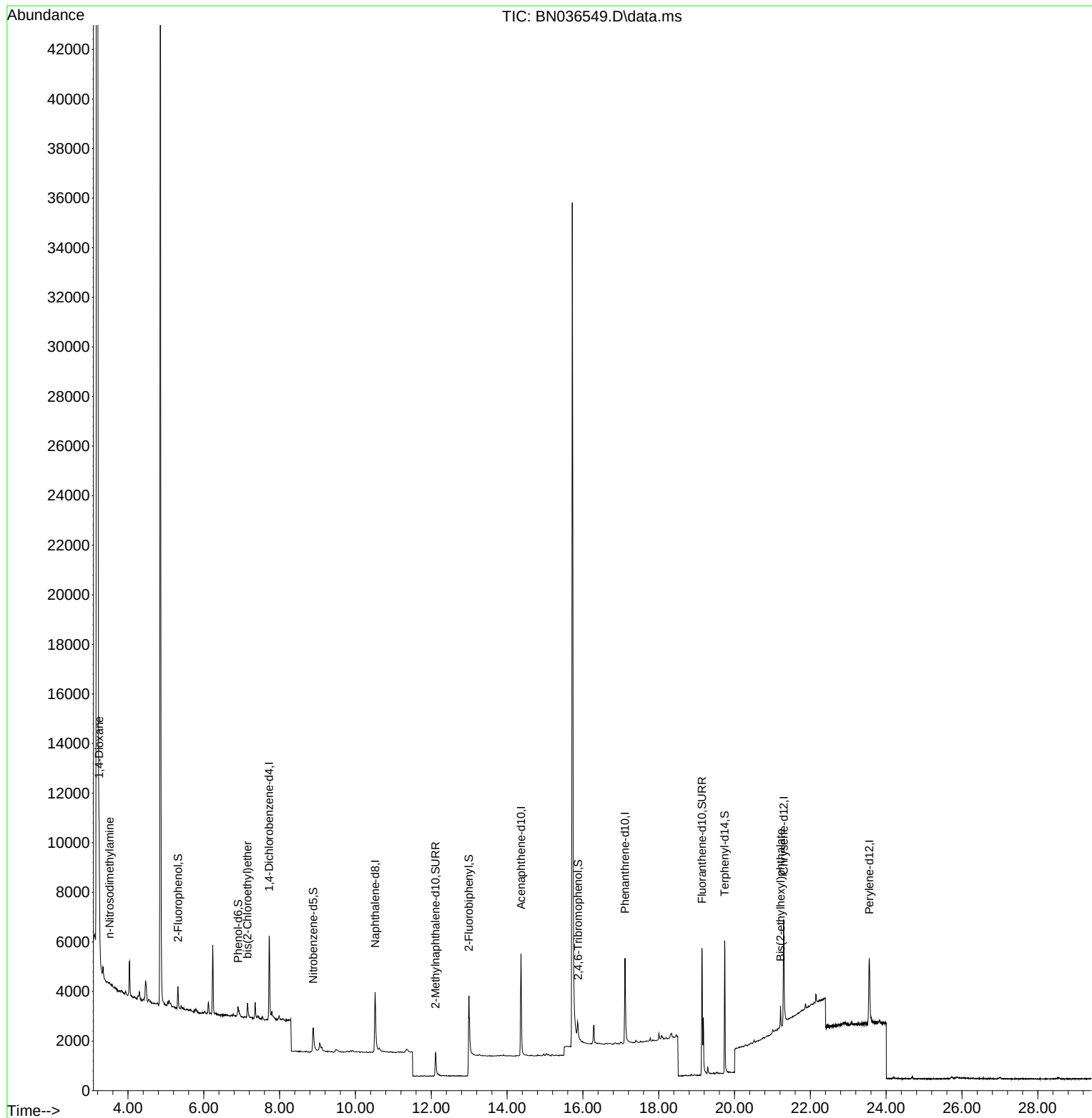
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1821	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4192	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2633	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5418	0.400	ng	# 0.00
29) Chrysene-d12	21.295	240	4614	0.400	ng	# 0.00
35) Perylene-d12	23.554	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
3) n-Nitrosodimethylamine	3.514	42	120	0.035	ng	# 11
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

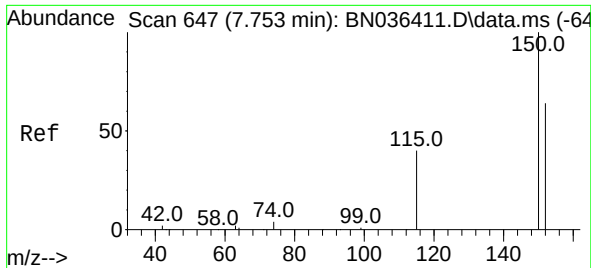
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030725\
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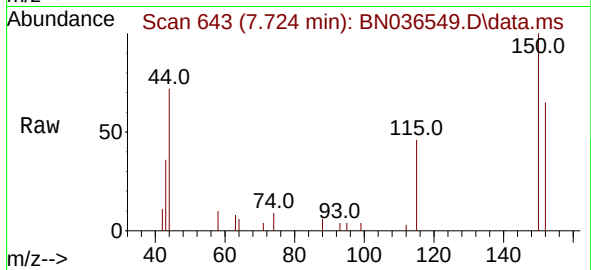
Quant Time: Mar 07 16:52:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
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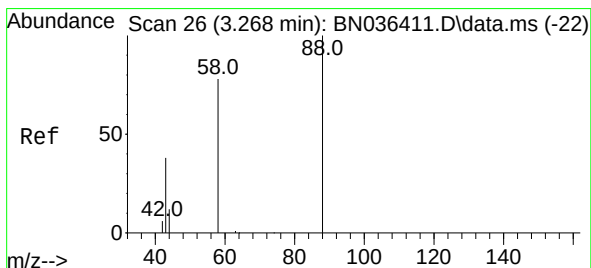
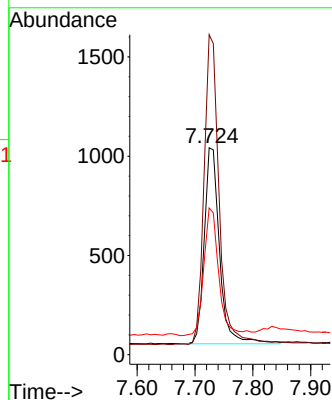
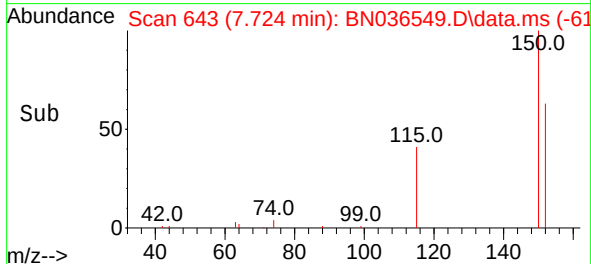


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. -0.008 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

Instrument :
BNA_N
ClientSampleId :
MW17811-20250305

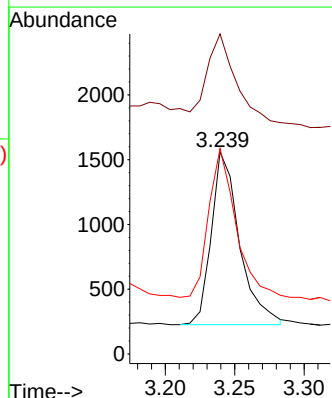
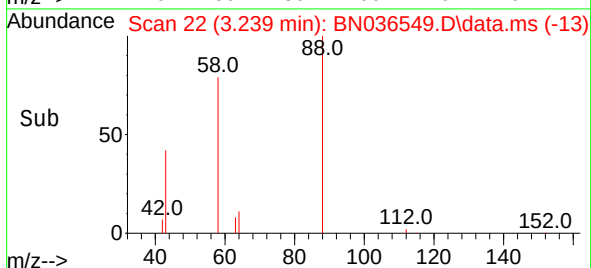
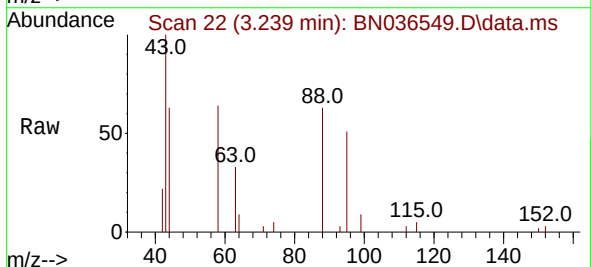


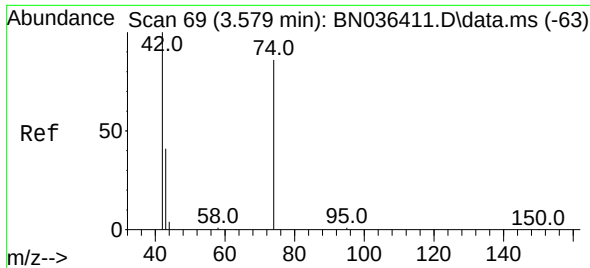
Tgt Ion:152 Resp: 1821
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 70.9 52.5 78.7



#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

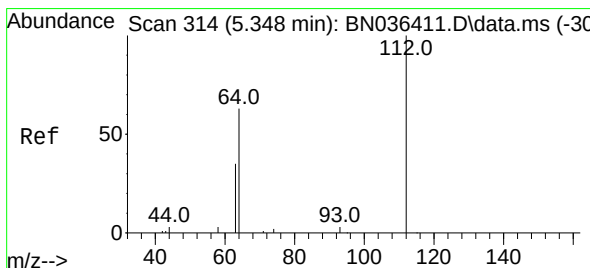
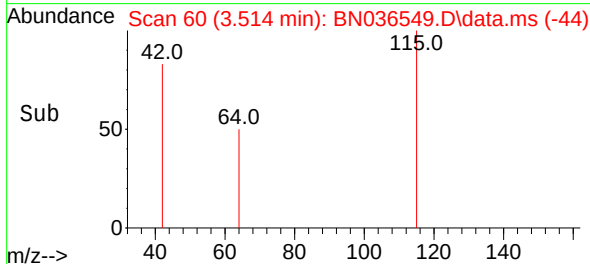
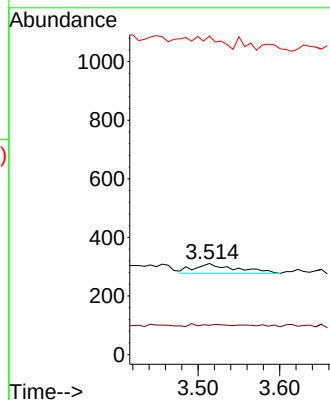
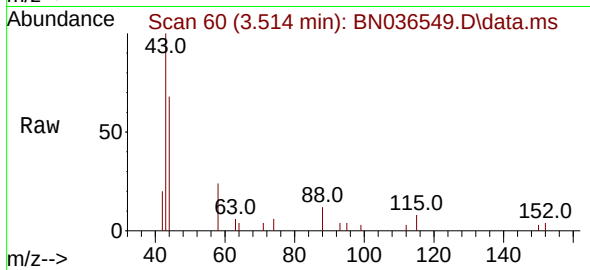




#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.514 min Scan# 60
Delta R.T. -0.036 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

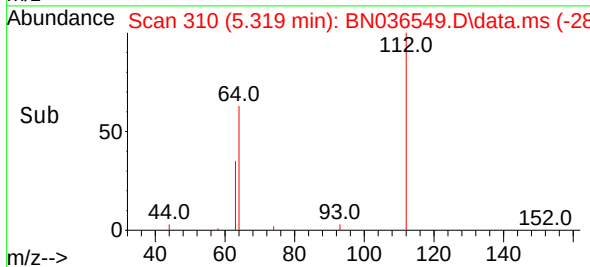
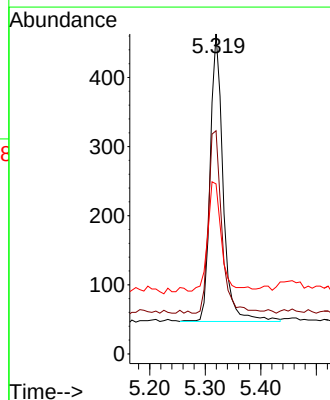
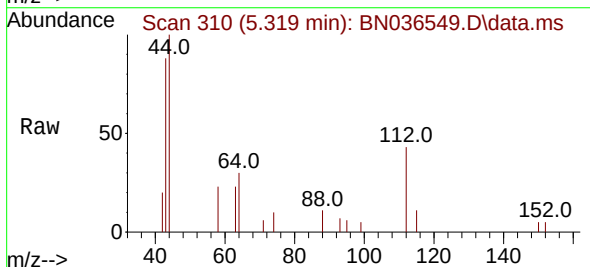
Instrument :
BNA_N
ClientSampleId :
MW17811-20250305

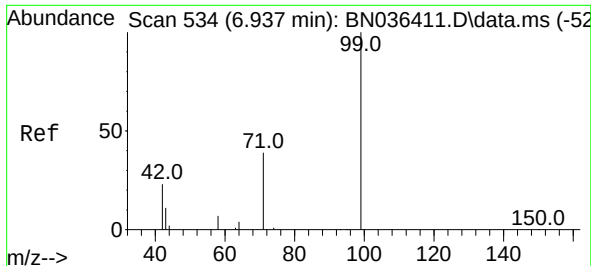
Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
74 0.0 71.8 107.6#
44 0.0 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

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

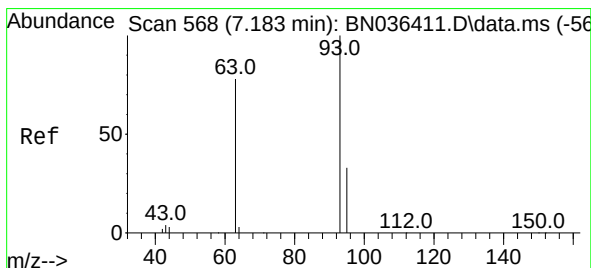
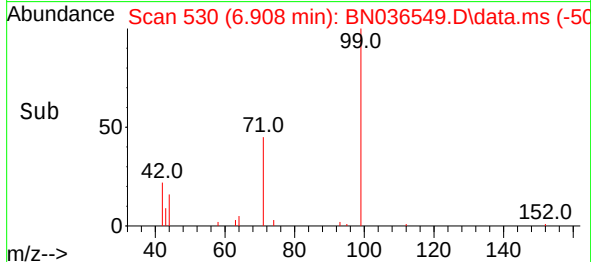
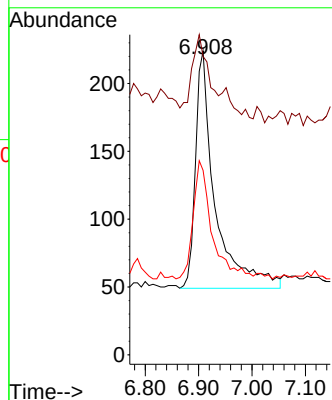
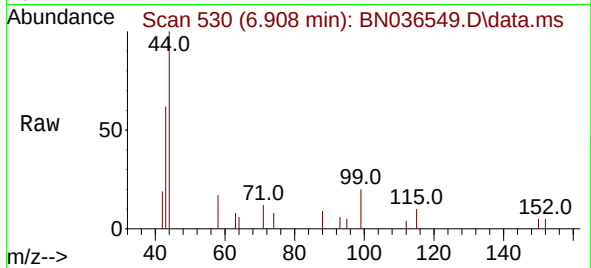




#5
Phenol-d6
Concen: 0.088 ng
RT: 6.908 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

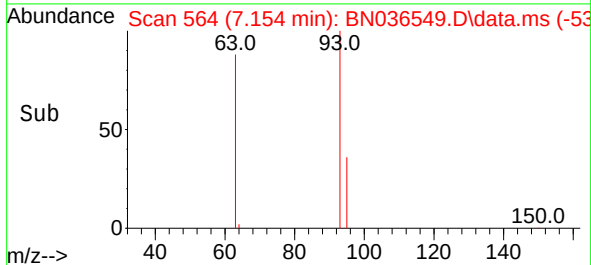
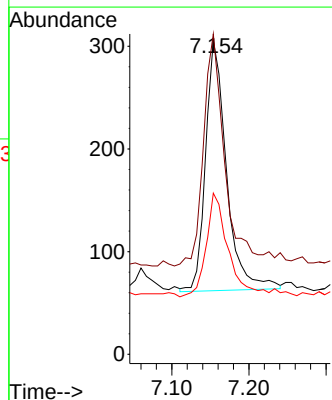
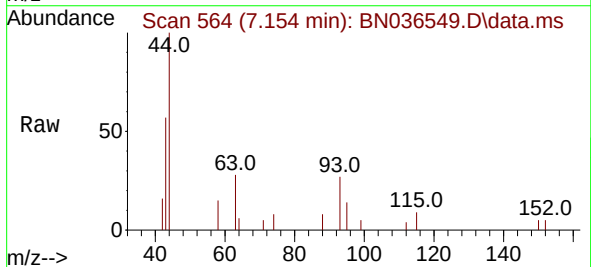
Instrument :
BNA_N
ClientSampleId :
MW17811-20250305

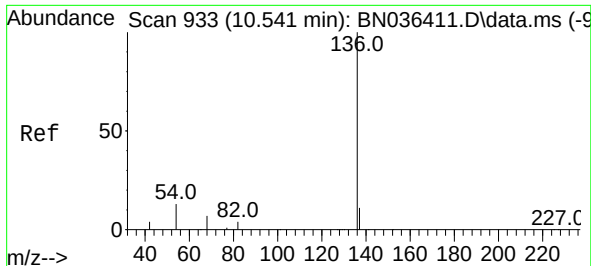
Tgt Ion: 99 Resp: 446
Ion Ratio Lower Upper
99 100
42 23.3 21.7 32.5
71 47.5 32.6 49.0



#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

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#

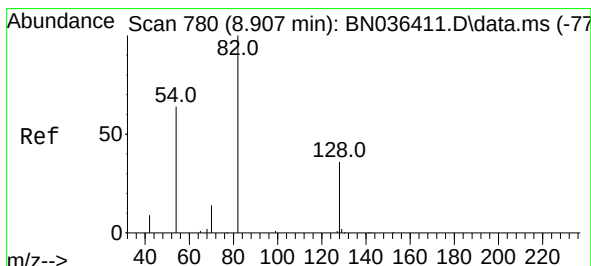
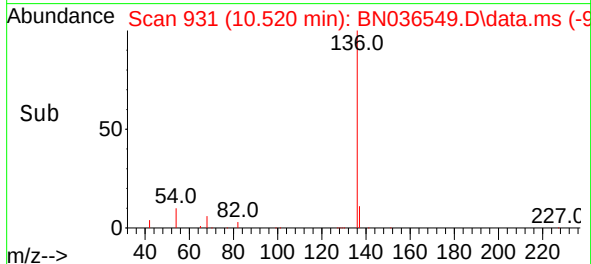
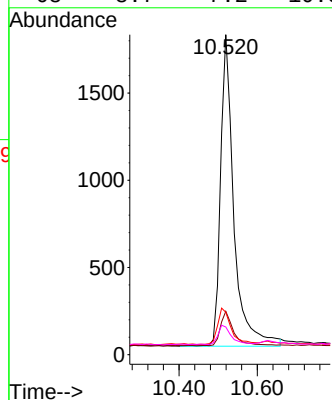
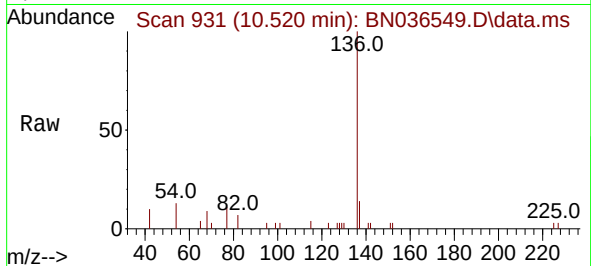




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

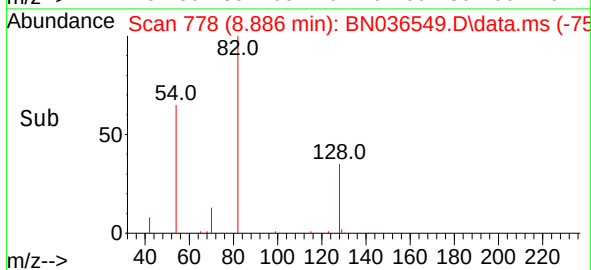
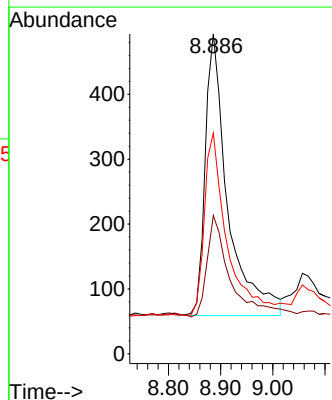
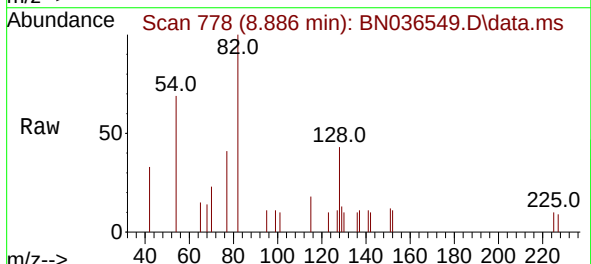
Instrument :
BNA_N
ClientSampleId :
MW17811-20250305

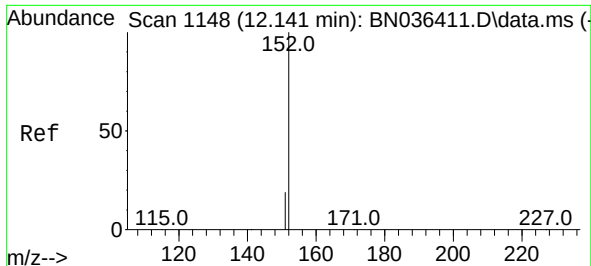
Tgt Ion:	136	Resp:	4192
Ion Ratio	Lower	Upper	
136	100		
137	13.6	10.1	15.1
54	13.2	11.8	17.6
68	8.7	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

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

Instrument :

BNA_N

ClientSampleId :

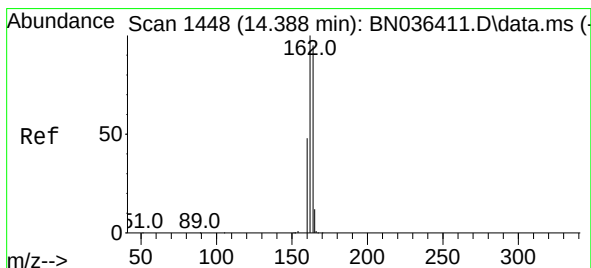
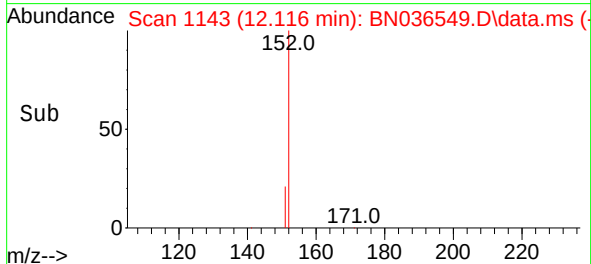
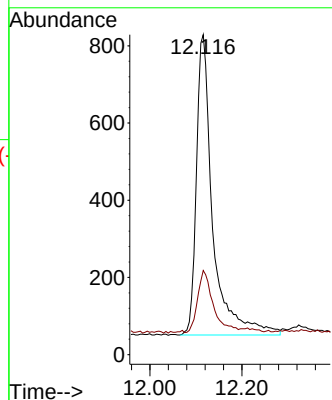
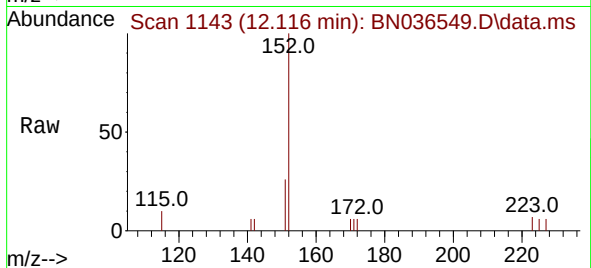
MW17811-20250305

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

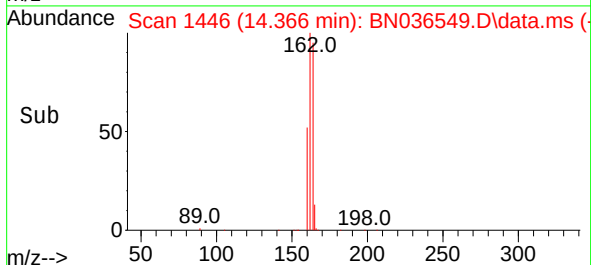
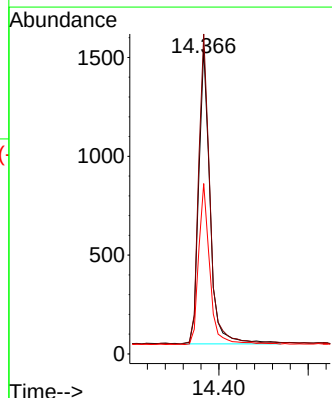
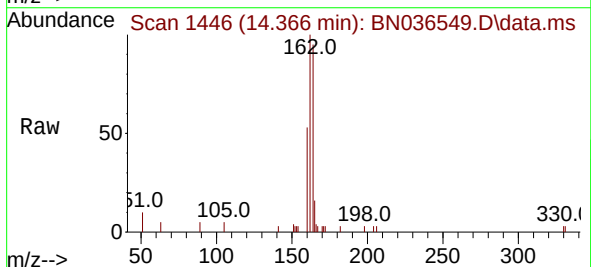
Tgt Ion:164 Resp: 2633

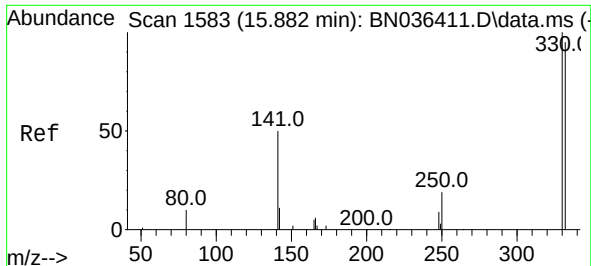
Ion Ratio Lower Upper

164 100

162 104.8 84.1 126.1

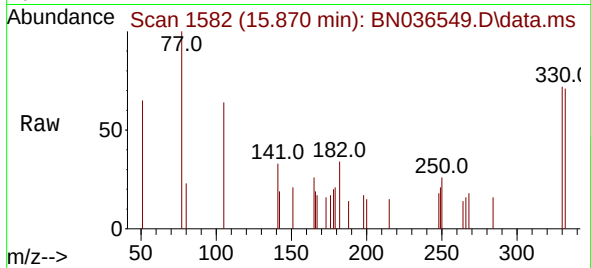
160 55.8 41.4 62.0



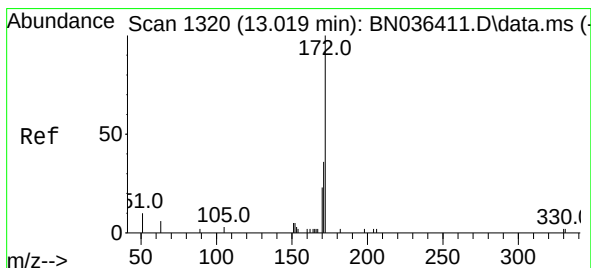
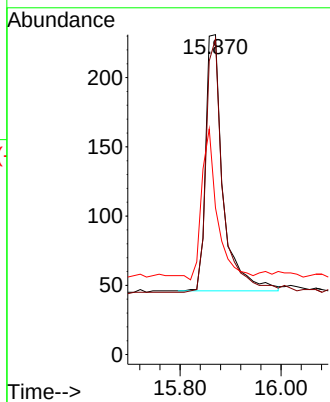
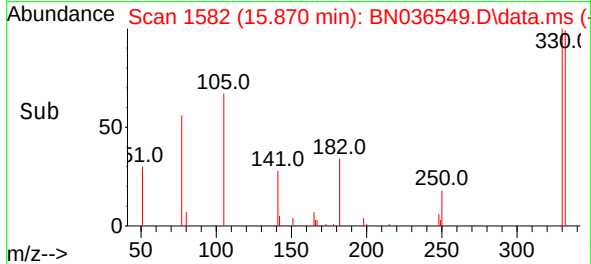


#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.870 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

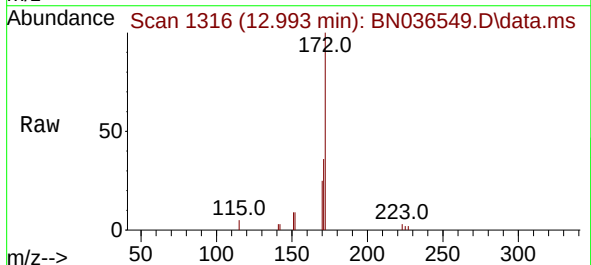
Instrument :
BNA_N
ClientSampleId :
MW17811-20250305



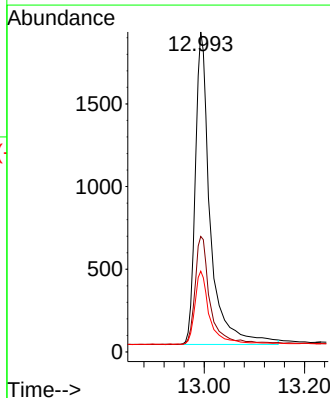
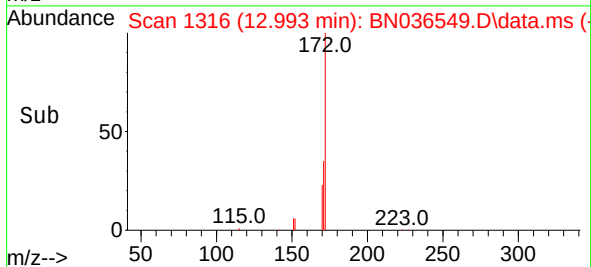
Tgt Ion:330 Resp: 442
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 48.4 37.8 56.8

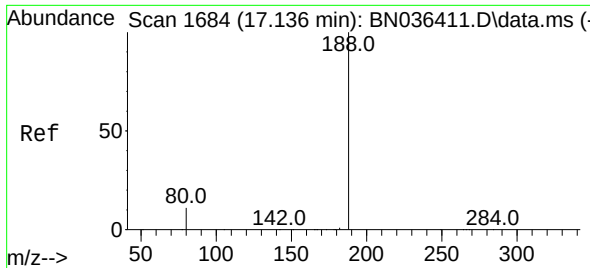


#15
2-Fluorobiphenyl
Concen: 0.528 ng
RT: 12.993 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13



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# 1

Delta R.T. -0.000 min

Lab File: BN036549.D

Acq: 07 Mar 2025 16:13

Instrument :

BNA_N

ClientSampleId :

MW17811-20250305

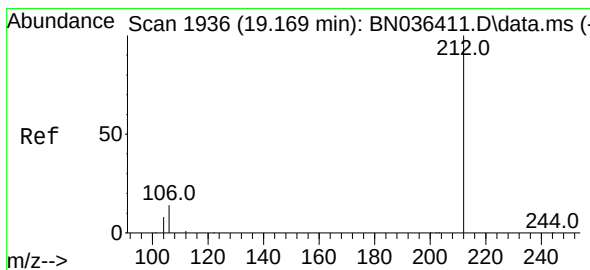
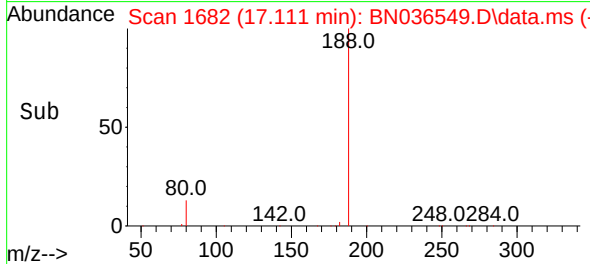
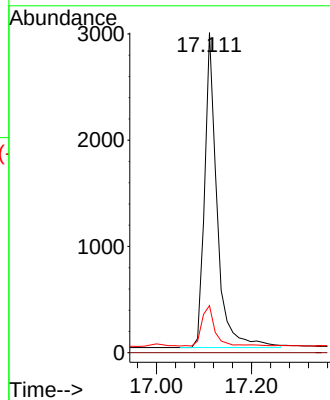
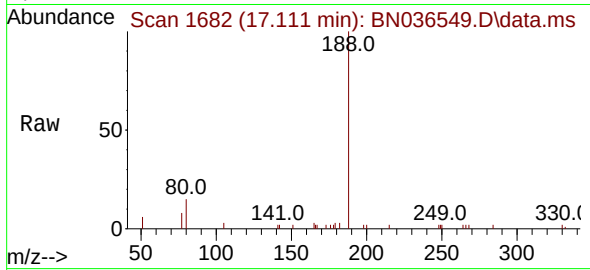
Tgt Ion:188 Resp: 5418

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

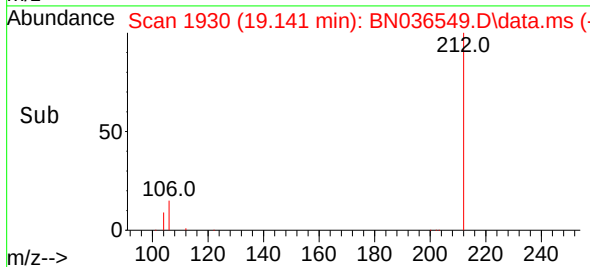
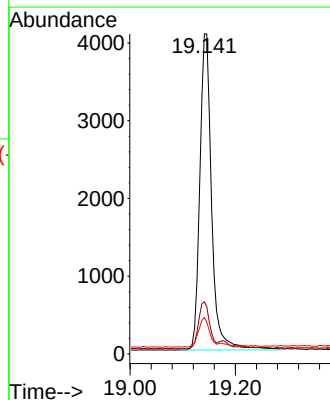
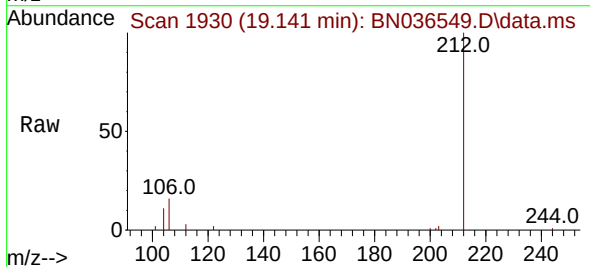
Tgt Ion:212 Resp: 6323

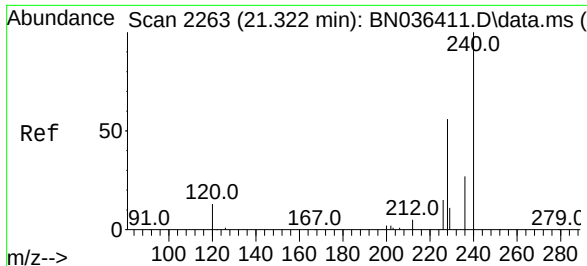
Ion Ratio Lower Upper

212 100

106 14.0 11.5 17.3

104 8.7 7.1 10.7

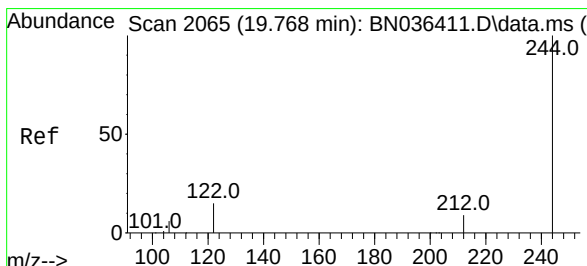
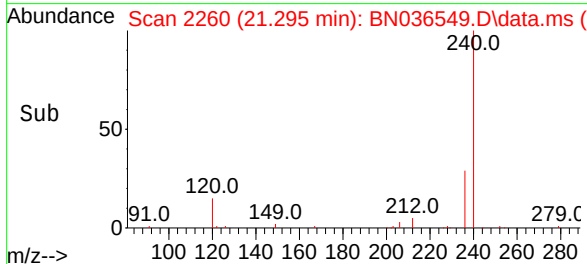
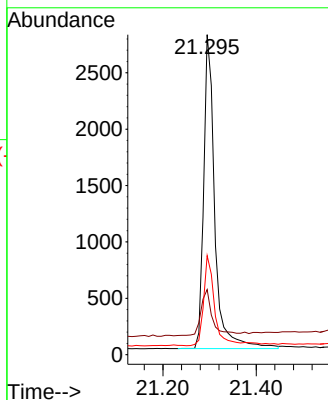
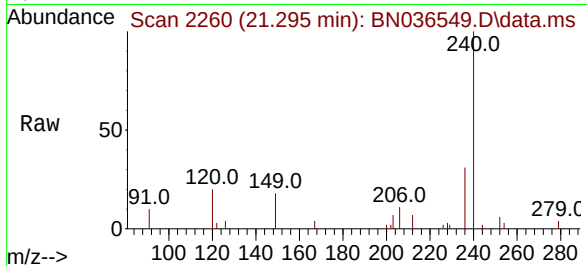




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

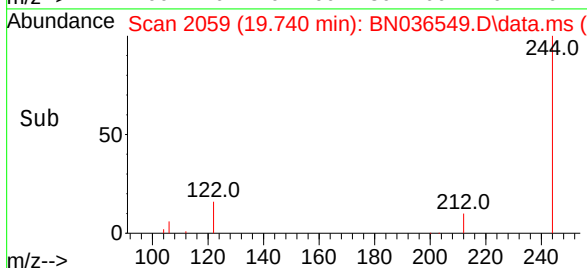
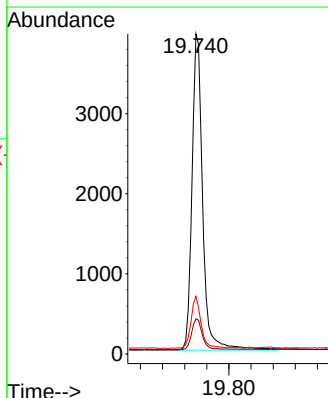
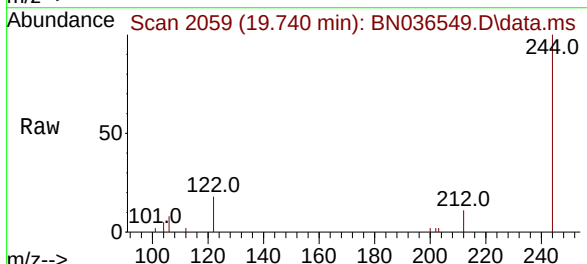
Instrument :
BNA_N
ClientSampleId :
MW17811-20250305

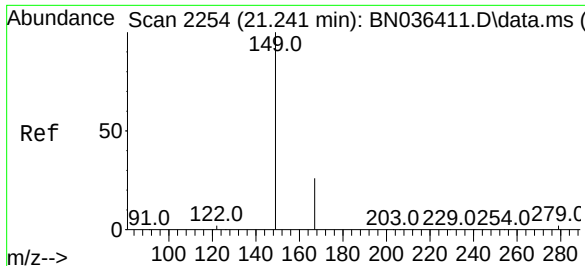
Tgt Ion:240 Resp: 4614
Ion Ratio Lower Upper
240 100
120 20.3 13.3 19.9#
236 31.0 23.0 34.6



#31
Terphenyl-d14
Concen: 0.539 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036549.D
Acq: 07 Mar 2025 16:13

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

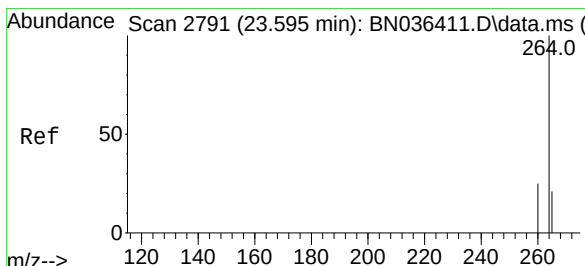
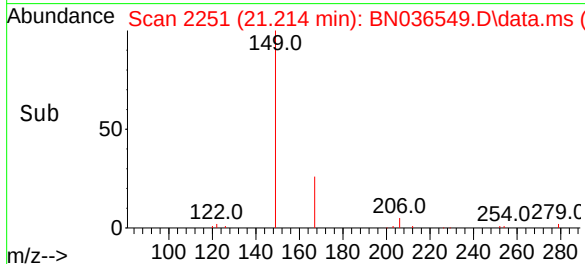
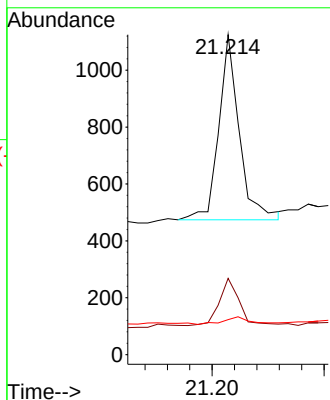
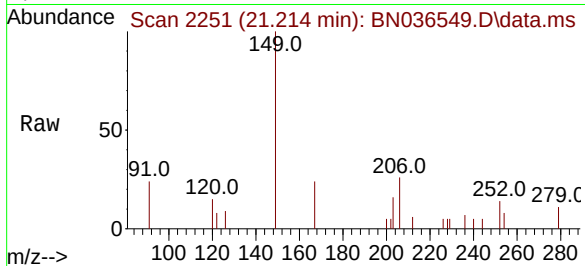




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.214 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: BN036549.D
 Acq: 07 Mar 2025 16:13

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20250305

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# 2777
 Delta R.T. 0.003 min
 Lab File: BN036549.D
 Acq: 07 Mar 2025 16:13

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#

