

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
 Data File : BN036655.D
 Acq On : 17 Mar 2025 12:13
 Operator : RC/JU
 Sample : Q1559-21DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20250312DL

Quant Time: Mar 17 12:48:11 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)

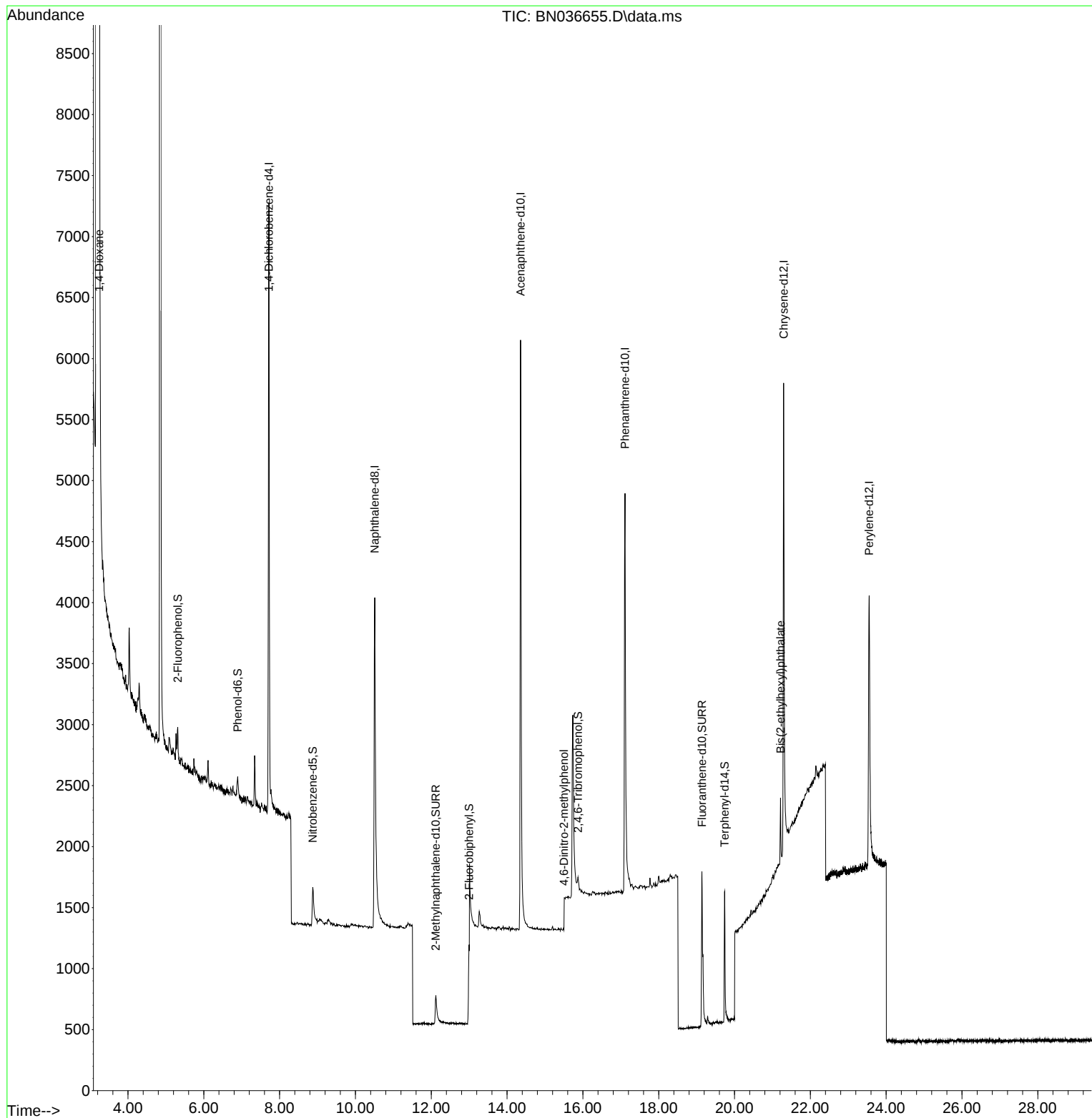
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2413	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5591	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	3466	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	6773	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4753	0.400	ng	0.00
35) Perylene-d12	23.548	264	3951	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	195	0.035	ng	0.00
5) Phenol-d6	6.894	99	149	0.021	ng	0.00
8) Nitrobenzene-d5	8.875	82	466	0.077	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	674	0.081	ng	0.01
14) 2,4,6-Tribromophenol	15.870	330	73	0.046	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	1370	0.068	ng	0.01
27) Fluoranthene-d10	19.141	212	1861	0.107	ng	0.00
31) Terphenyl-d14	19.740	244	1264	0.111	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	5051	1.887	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.499	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.214	149	583	0.050	ng	# 99

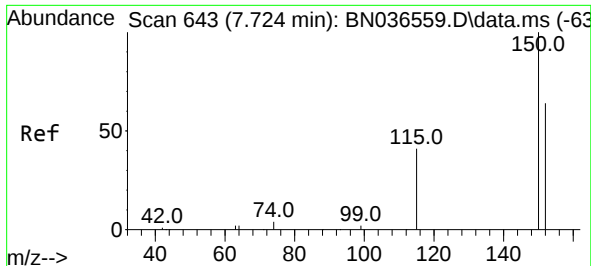
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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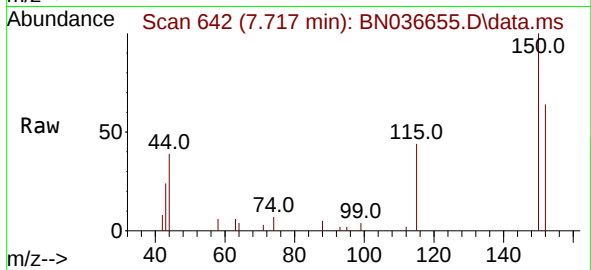
Quant Time: Mar 17 12:48:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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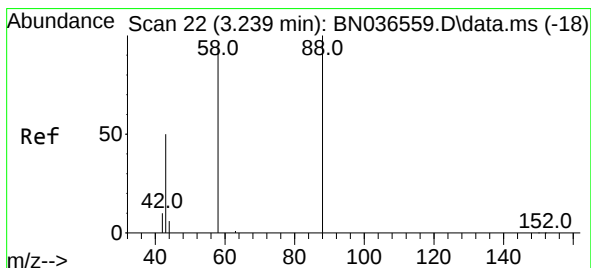
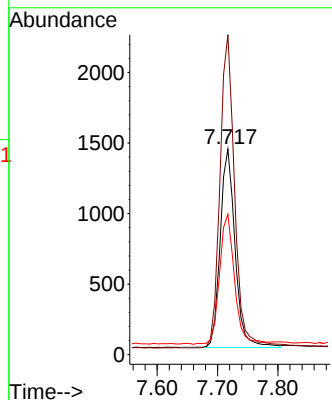
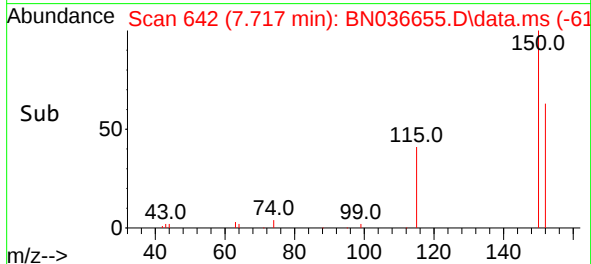


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036655.D
 Acq: 17 Mar 2025 12:13

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20250312DL

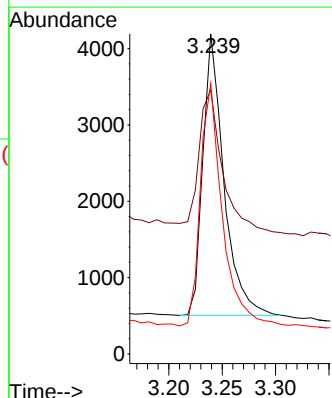
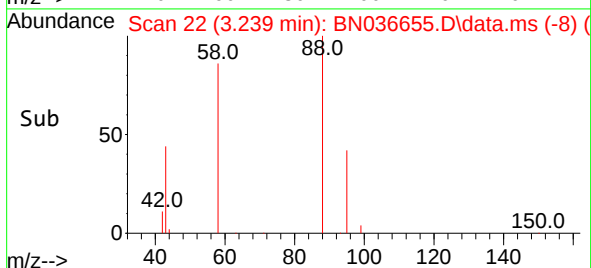
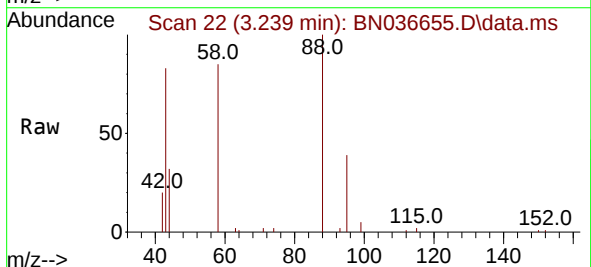


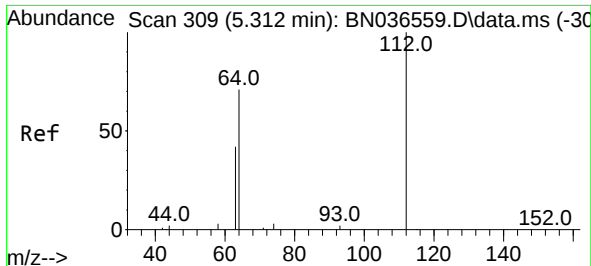
Tgt Ion:152 Resp: 2413
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 68.3 54.3 81.5



#2
 1,4-Dioxane
 Concen: 1.887 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036655.D
 Acq: 17 Mar 2025 12:13

Tgt Ion: 88 Resp: 5051
 Ion Ratio Lower Upper
 88 100
 43 57.0 37.8 56.8#
 58 89.8 67.4 101.2

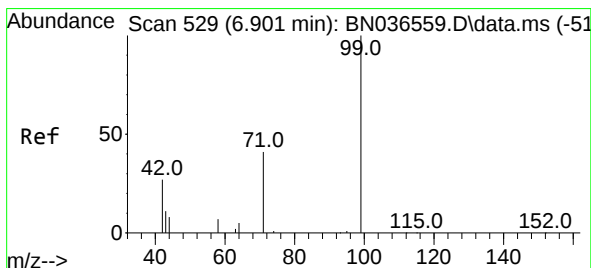
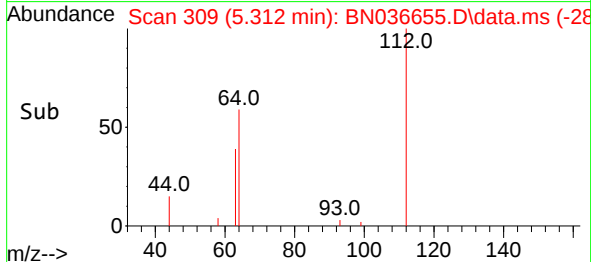
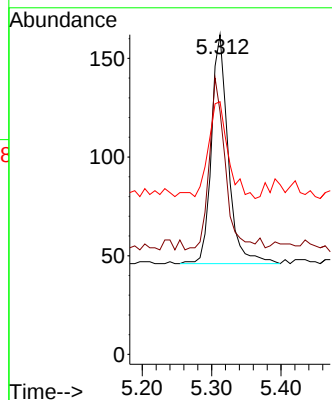
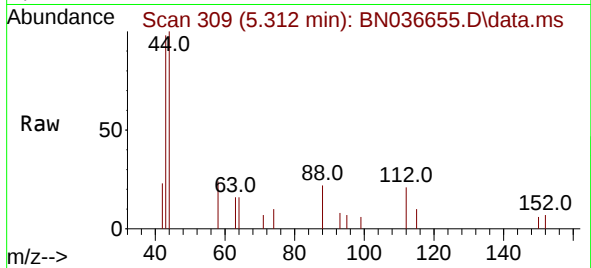




#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

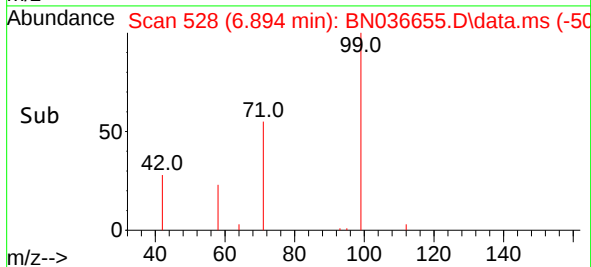
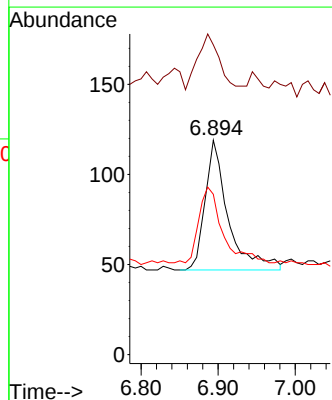
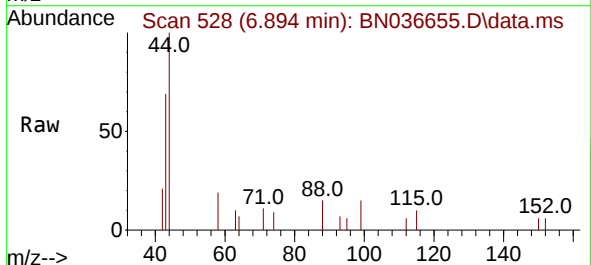
Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312DL

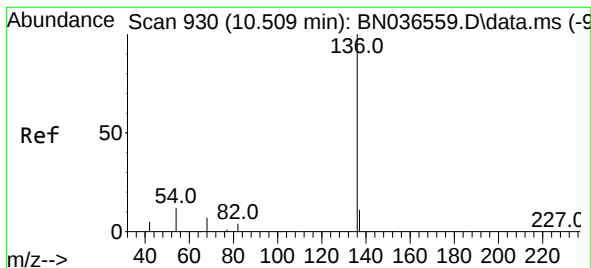
Tgt Ion:112 Resp: 195
Ion Ratio Lower Upper
112 100
64 69.2 53.1 79.7
63 50.3 31.8 47.8#



#5
Phenol-d6
Concen: 0.021 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

Tgt Ion: 99 Resp: 149
Ion Ratio Lower Upper
99 100
42 39.6 26.5 39.7
71 62.4 34.1 51.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.509 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN036655.D

Acq: 17 Mar 2025 12:13

Instrument :

BNA_N

ClientSampleId :

RE120D3-20250312DL

Tgt Ion:136 Resp: 5591

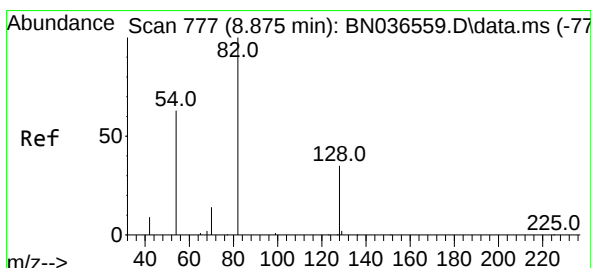
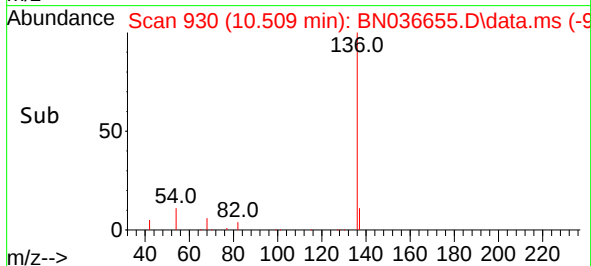
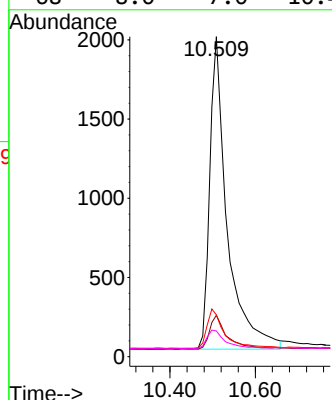
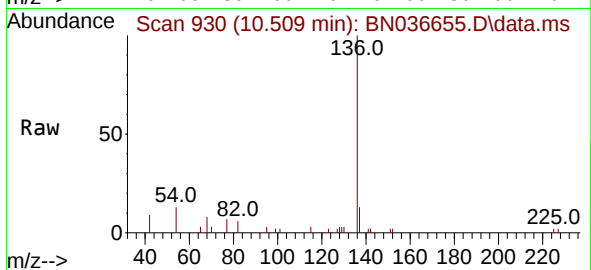
Ion Ratio Lower Upper

136 100

137 12.9 10.3 15.5

54 13.0 11.5 17.3

68 8.0 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.077 ng

RT: 8.875 min Scan# 777

Delta R.T. -0.000 min

Lab File: BN036655.D

Acq: 17 Mar 2025 12:13

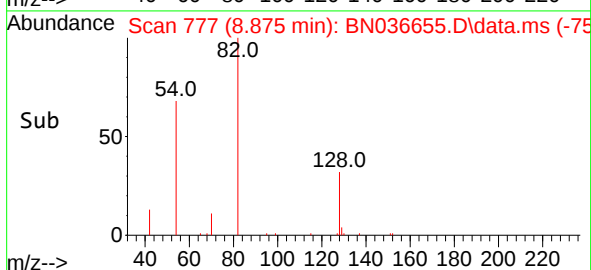
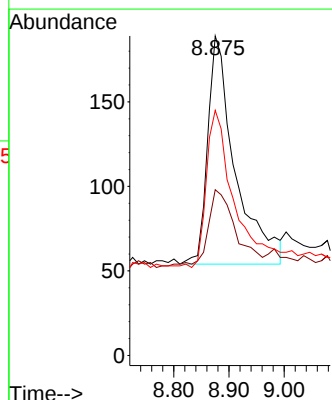
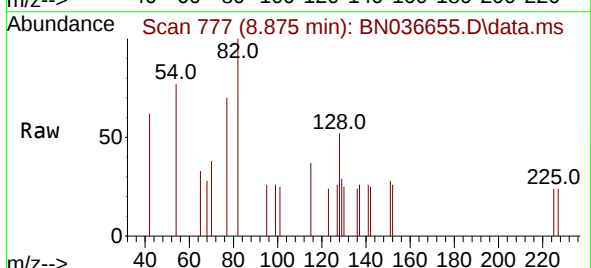
Tgt Ion: 82 Resp: 466

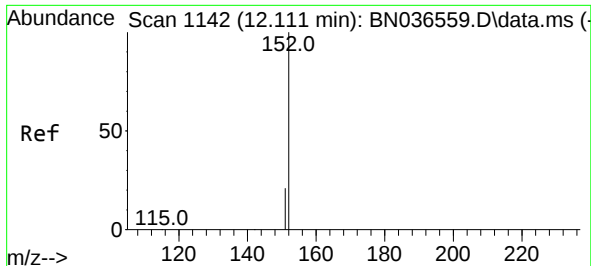
Ion Ratio Lower Upper

82 100

128 51.9 30.6 45.8#

54 76.7 52.2 78.4

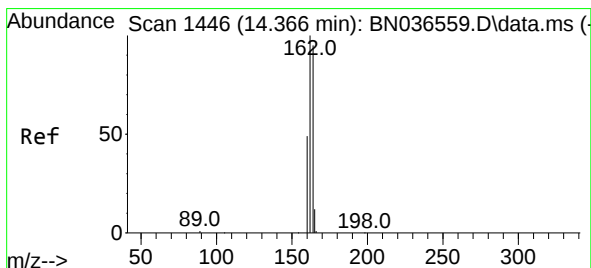
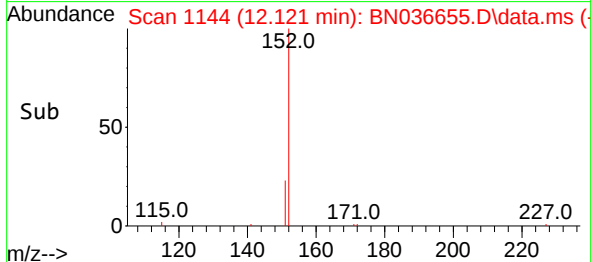
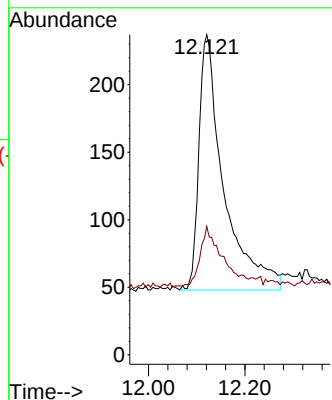
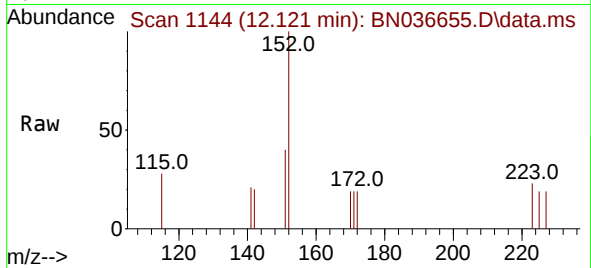




#11
2-Methylnaphthalene-d10
Concen: 0.081 ng
RT: 12.121 min Scan# 1144
Delta R.T. 0.010 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

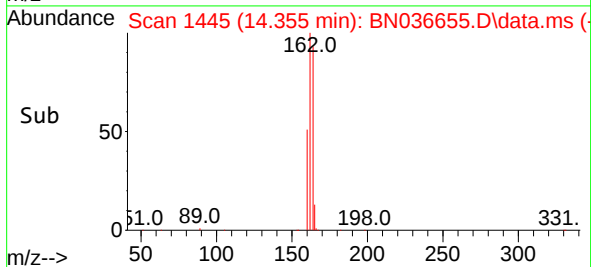
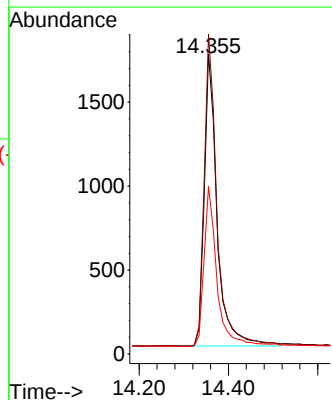
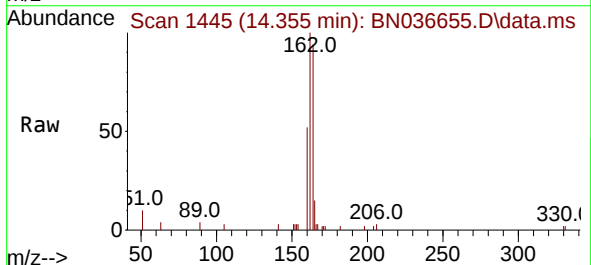
Instrument :
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RE120D3-20250312DL

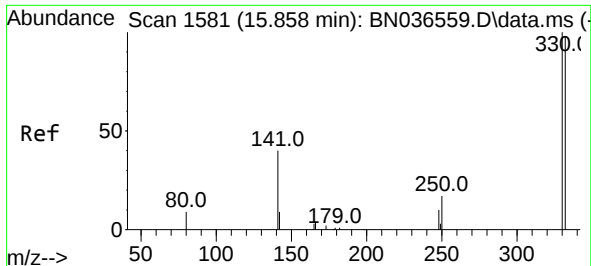
Tgt Ion:152 Resp: 674
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

Tgt Ion:164 Resp: 3466
Ion Ratio Lower Upper
164 100
162 106.7 84.2 126.2
160 55.9 42.2 63.2

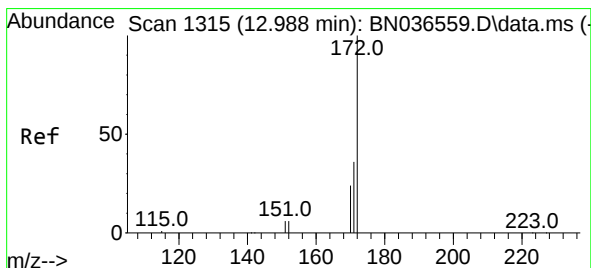
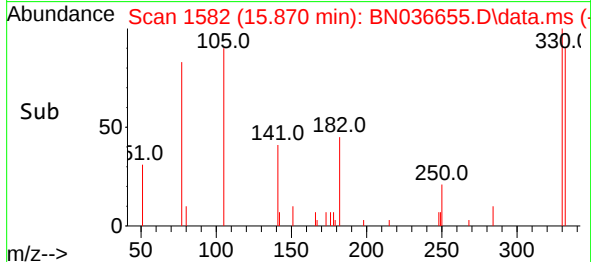
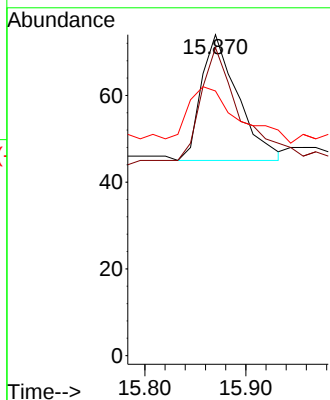
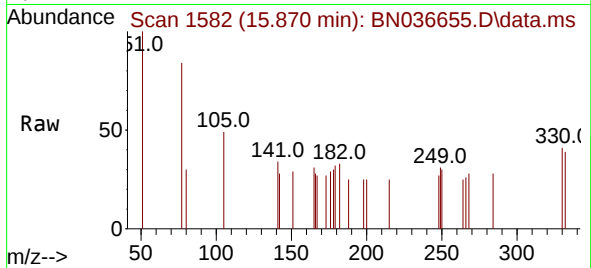




#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 15.870 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

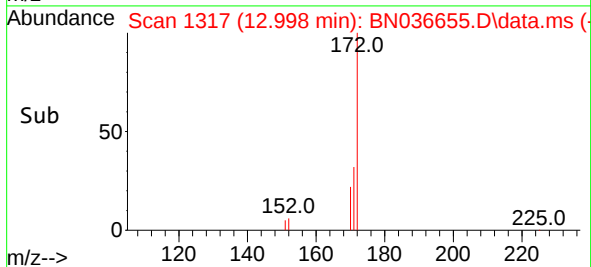
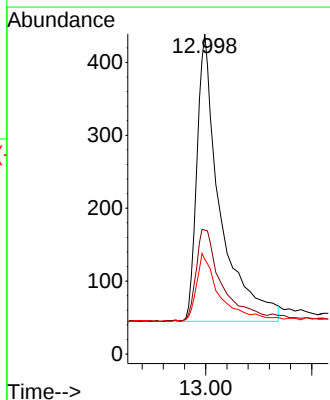
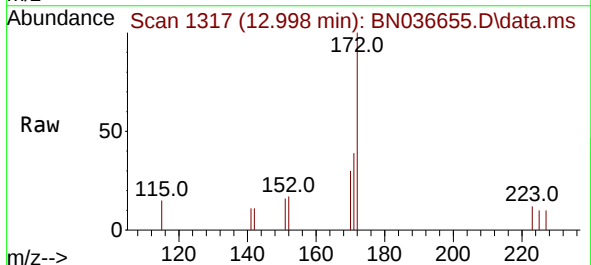
Instrument :
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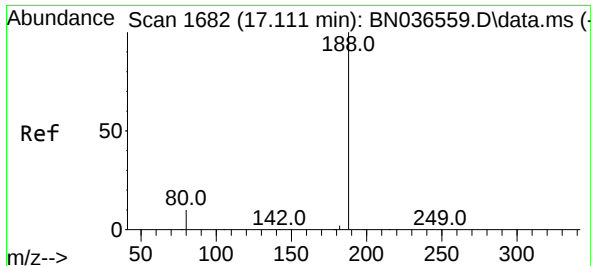
Tgt Ion:330 Resp: 73
Ion Ratio Lower Upper
330 100
332 116.4 75.2 112.8#
141 61.6 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.068 ng
RT: 12.998 min Scan# 1317
Delta R.T. 0.010 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

Tgt Ion:172 Resp: 1370
Ion Ratio Lower Upper
172 100
171 38.7 29.5 44.3
170 29.6 20.2 30.4

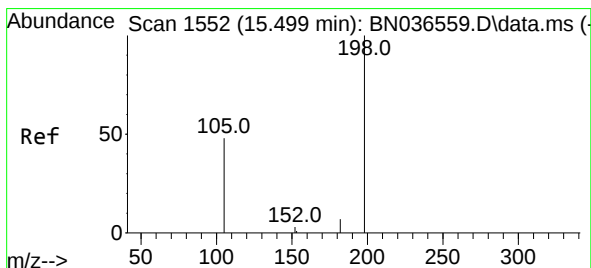
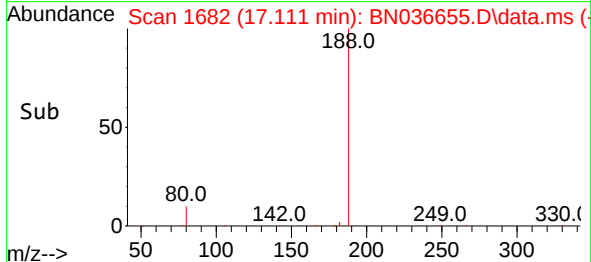
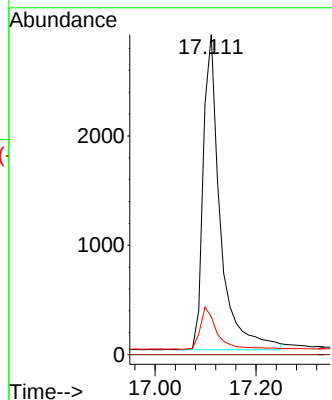
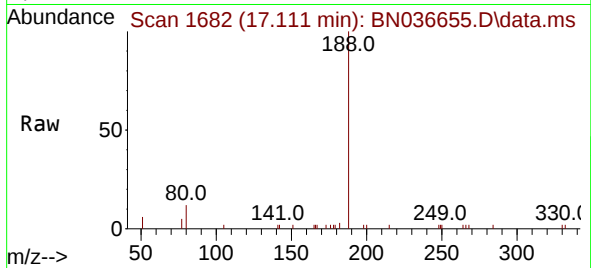




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

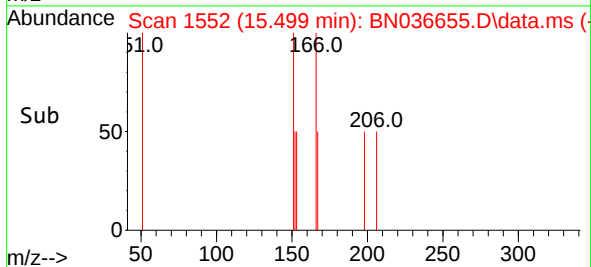
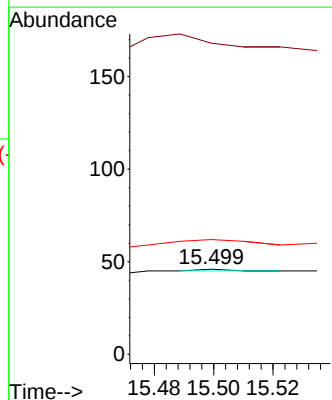
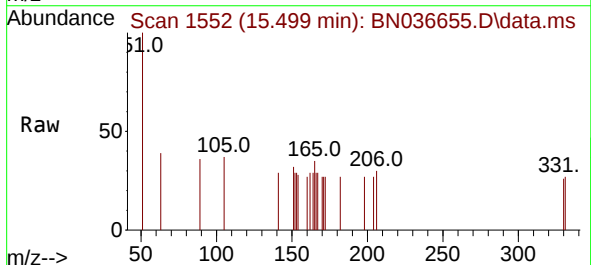
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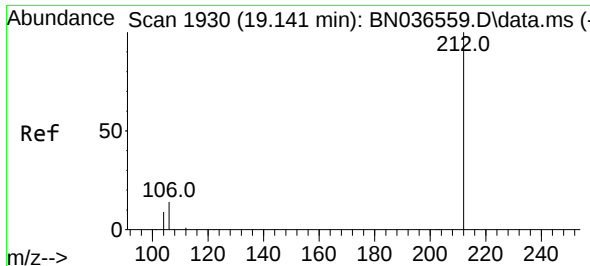
Tgt Ion:188 Resp: 6773
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 365.2 107.9 161.9#
105 134.8 56.2 84.2#

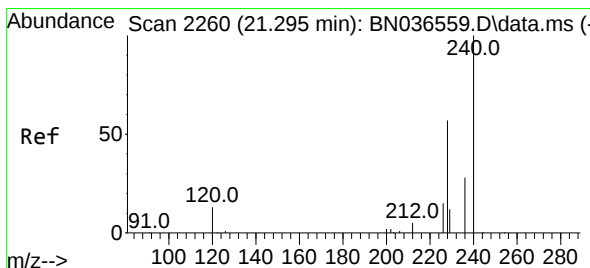
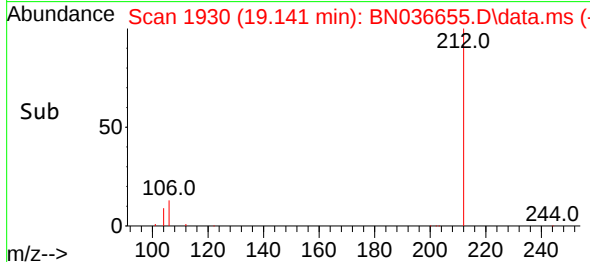
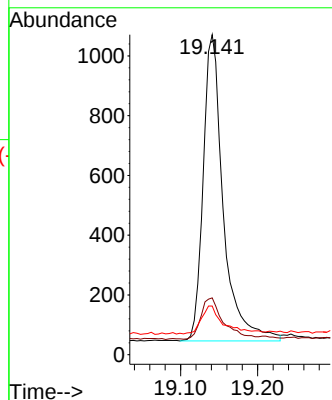
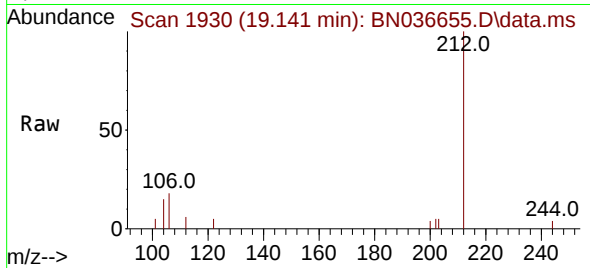




#27
Fluoranthene-d10
Concen: 0.107 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

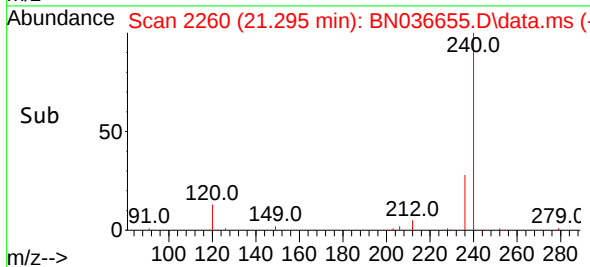
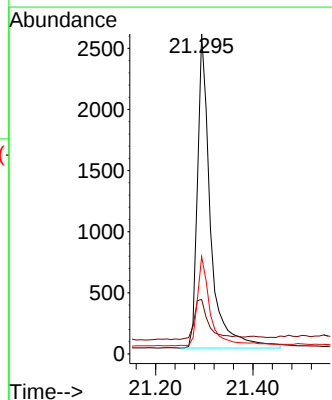
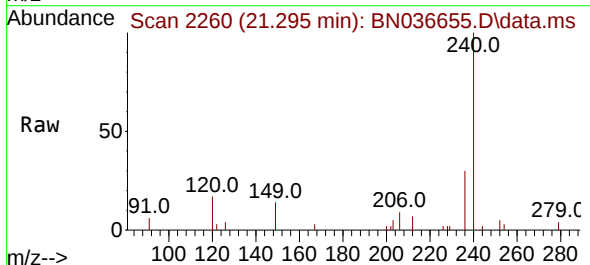
Instrument :
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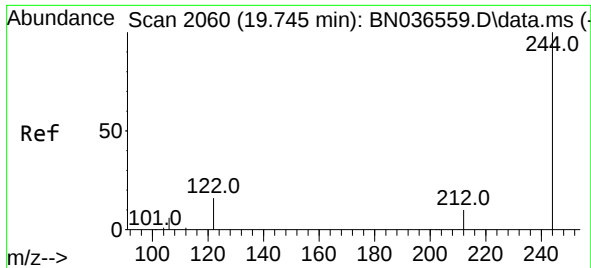
Tgt Ion:212 Resp: 1861
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 10.0 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

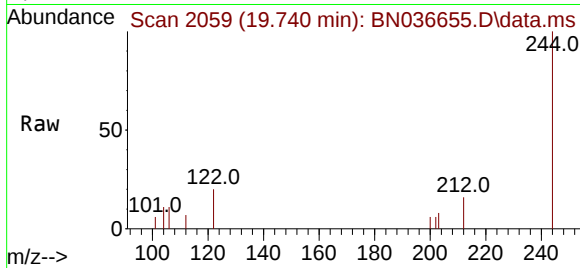
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Ion Ratio Lower Upper
240 100
120 17.0 14.6 22.0
236 30.4 24.1 36.1



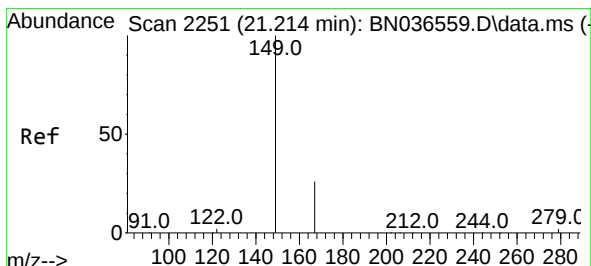
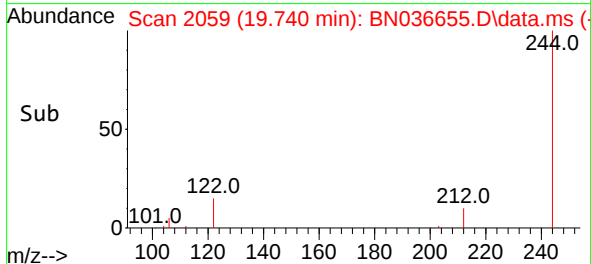
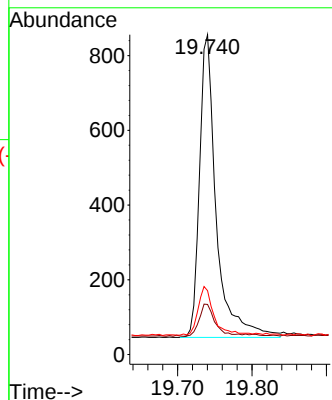


#31
Terphenyl-d14
Concen: 0.111 ng
RT: 19.740 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312DL

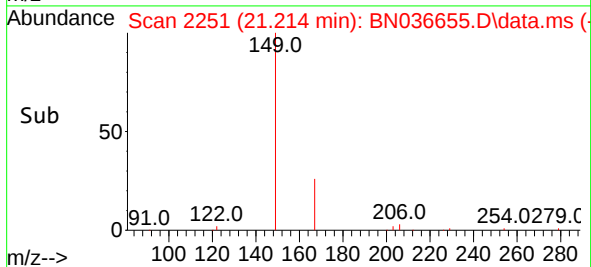
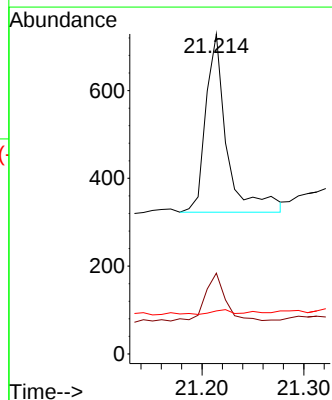
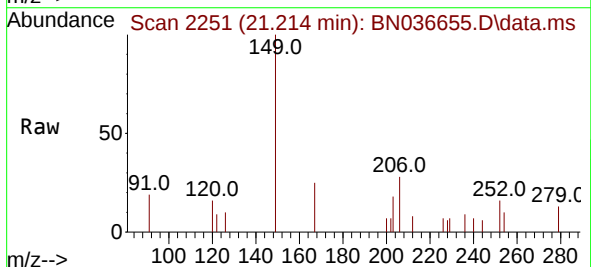


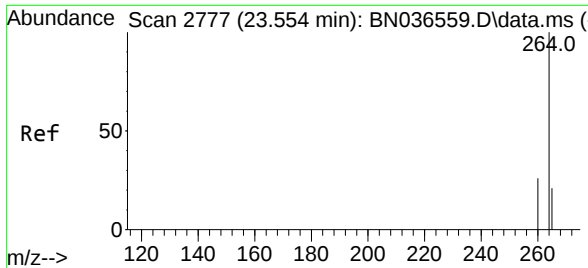
Tgt Ion:244 Resp: 1264
Ion Ratio Lower Upper
244 100
212 15.7 9.6 14.4#
122 20.0 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng
RT: 21.214 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

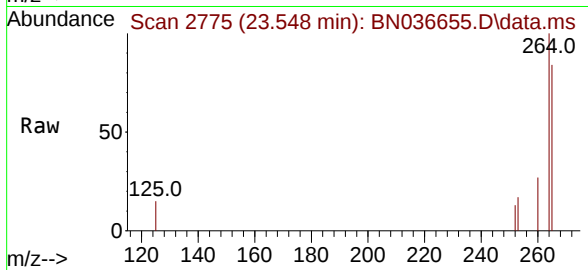
Tgt Ion:149 Resp: 583
Ion Ratio Lower Upper
149 100
167 25.6 20.7 31.1
279 2.6 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.548 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN036655.D
Acq: 17 Mar 2025 12:13

Instrument :
BNA_N
ClientSampleId :
RE120D3-20250312DL



Tgt Ion:264 Resp: 3951
Ion Ratio Lower Upper
264 100
260 27.3 22.6 33.8
265 84.1 88.1 132.1#

