

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037251.D
 Acq On : 14 Jun 2025 06:33
 Operator : RC/JU
 Sample : Q2299-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01D-20250609

Quant Time: Jun 16 01:00:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

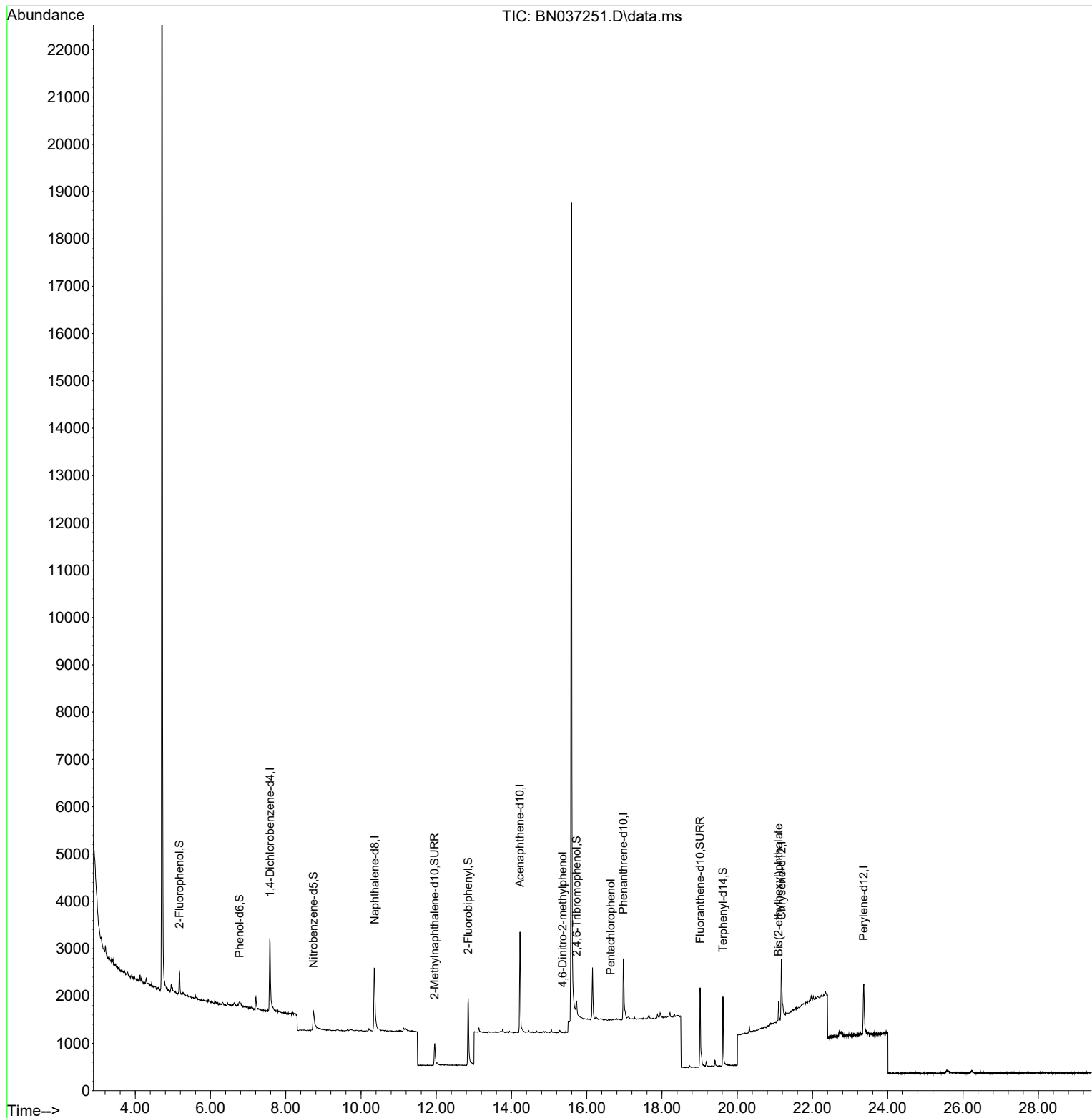
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	978	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2447	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1301	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2259	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1680	0.400	ng	0.00
35) Perylene-d12	23.360	264	1691	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	348	0.145	ng	0.00
5) Phenol-d6	6.773	99	157	0.062	ng	0.01
8) Nitrobenzene-d5	8.739	82	595	0.246	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	913	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	185	0.342	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1669	0.305	ng	0.00
27) Fluoranthene-d10	19.012	212	2160	0.365	ng	0.00
31) Terphenyl-d14	19.621	244	1709	0.450	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.357	198	1	0.118	ng	# 25
24) Pentachlorophenol	16.636	266	19	0.023	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.099	149	444	0.105	ng	# 96

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

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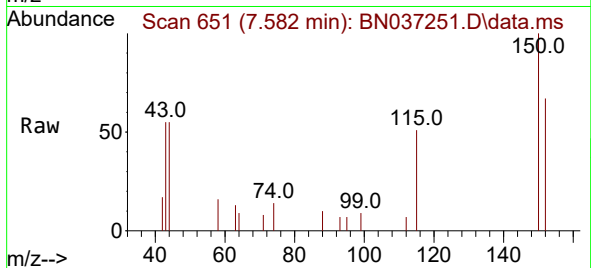
Quant Time: Jun 16 01:00:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
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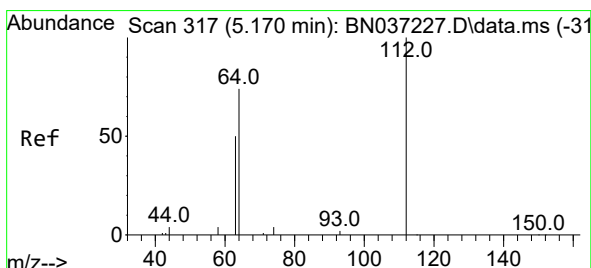
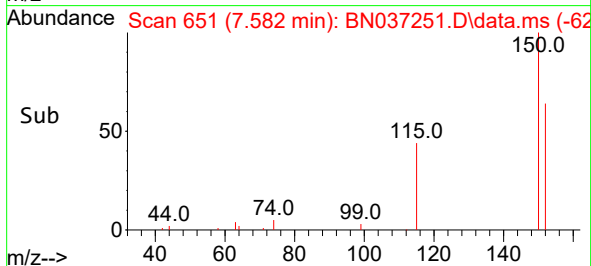
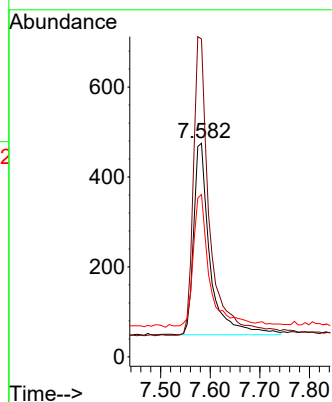


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20250609

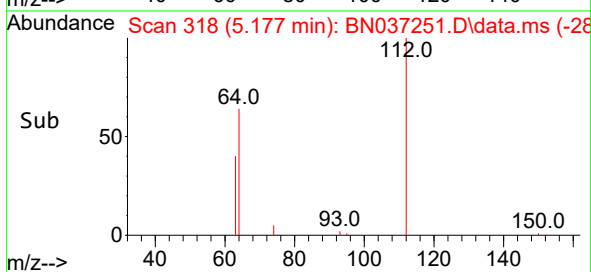
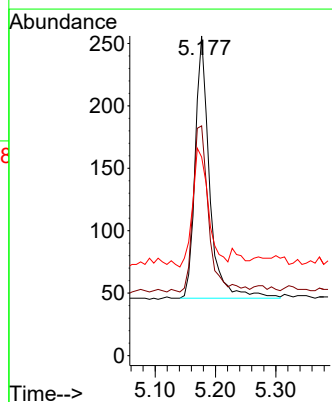
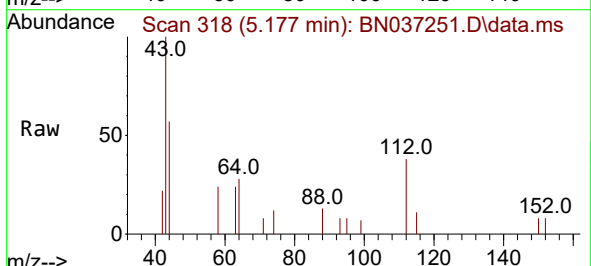


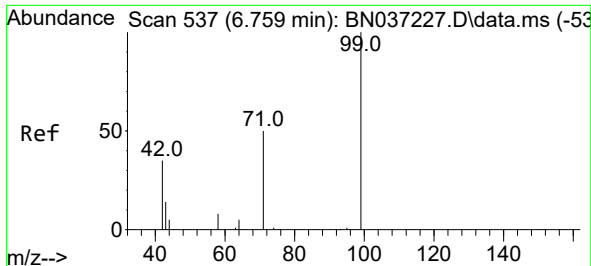
Tgt Ion:152 Resp: 978
Ion Ratio Lower Upper
152 100
150 148.8 125.2 187.8
115 76.0 58.4 87.6



#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

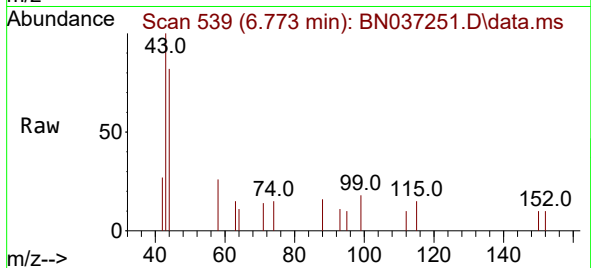
Tgt Ion:112 Resp: 348
Ion Ratio Lower Upper
112 100
64 68.4 57.2 85.8
63 49.7 39.8 59.6



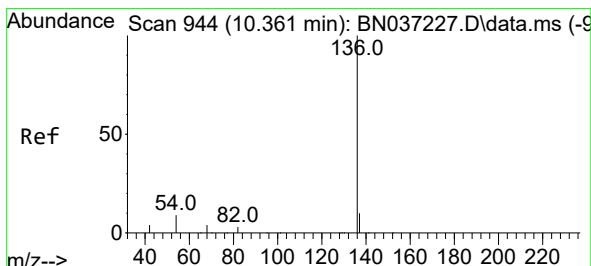
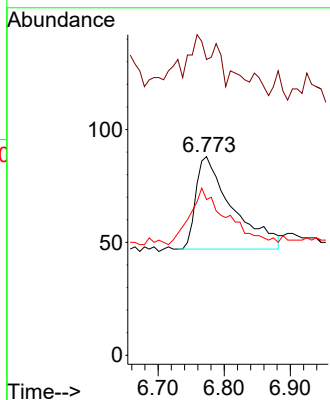
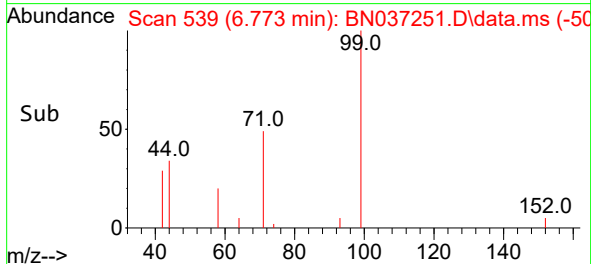


#5
Phenol-d6
Concen: 0.062 ng
RT: 6.773 min Scan# 51
Delta R.T. 0.015 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

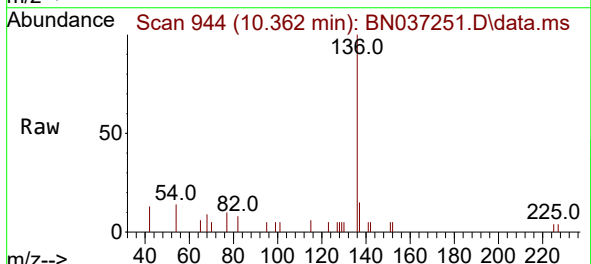
Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20250609



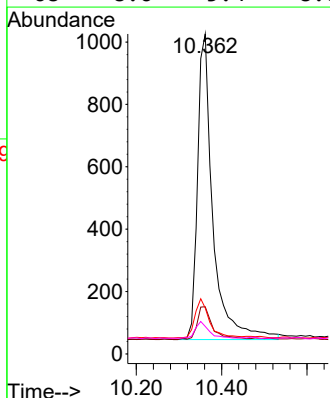
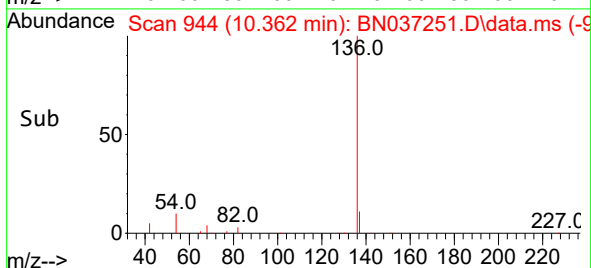
Tgt Ion: 99 Resp: 157
Ion Ratio Lower Upper
99 100
42 17.2 36.2 54.4#
71 61.1 42.4 63.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33



Tgt Ion: 136 Resp: 2447
Ion Ratio Lower Upper
136 100
137 14.7 10.6 15.8
54 14.3 9.2 13.8#
68 8.6 5.4 8.0#

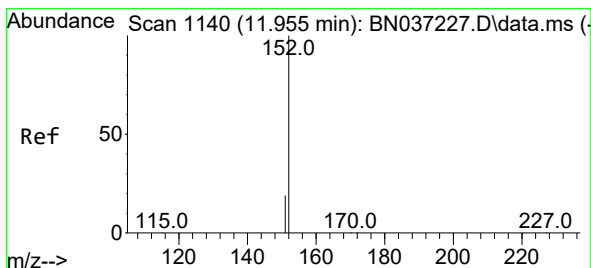
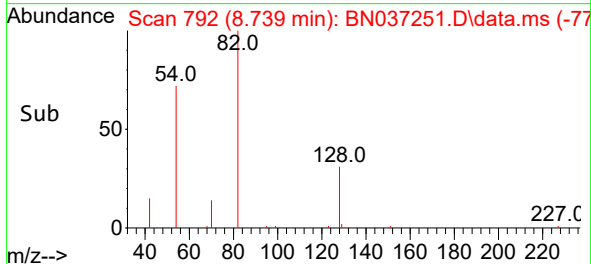
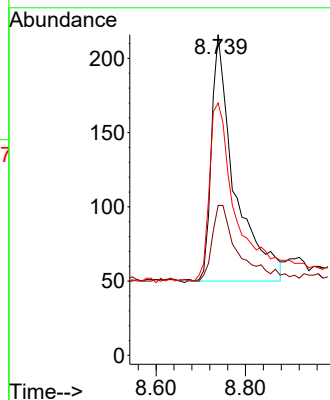
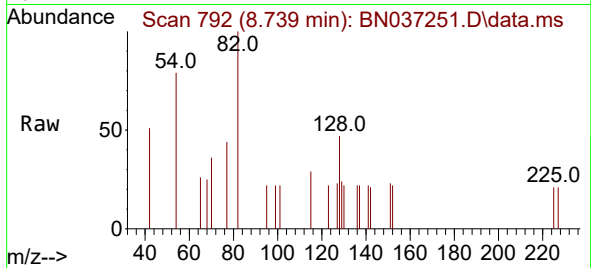




#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 8.739 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

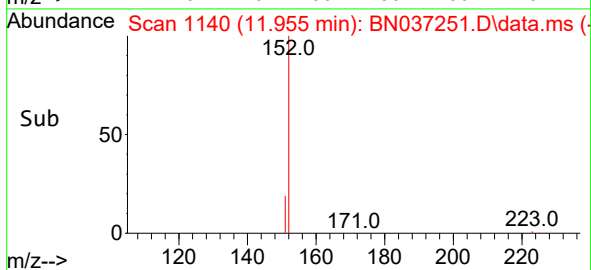
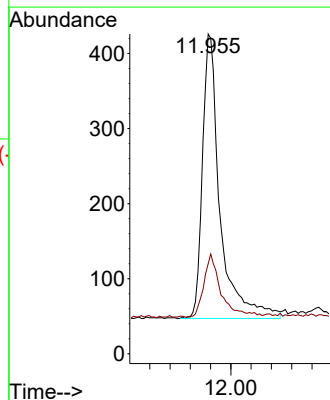
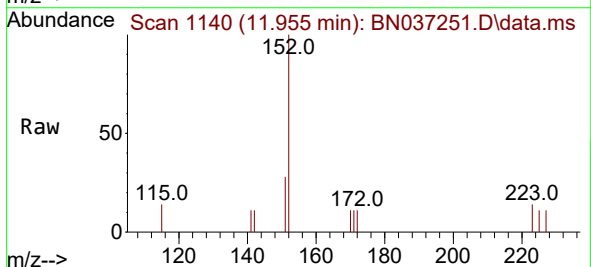
Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20250609

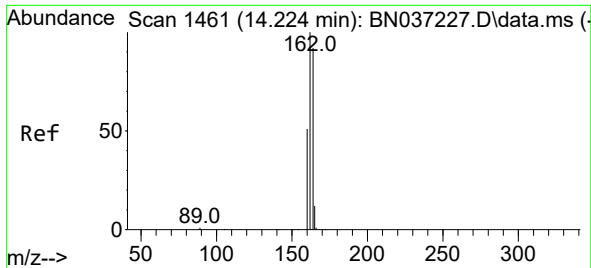
Tgt Ion: 82 Resp: 595
Ion Ratio Lower Upper
82 100
128 46.8 31.2 46.8
54 78.7 63.3 94.9



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

Tgt Ion: 152 Resp: 913
Ion Ratio Lower Upper
152 100
151 20.7 17.9 26.9

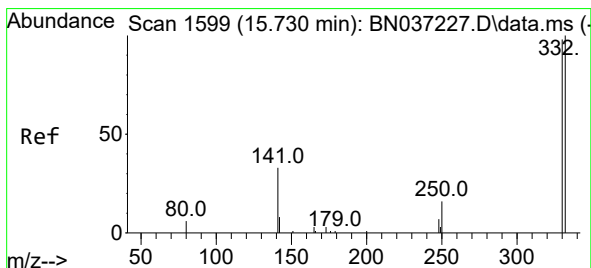
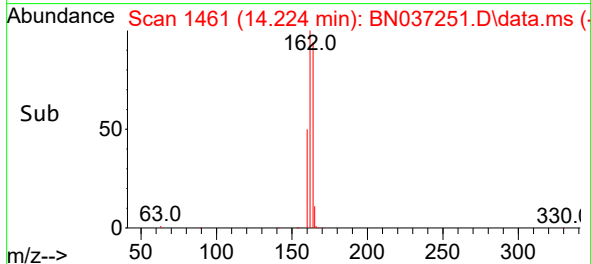
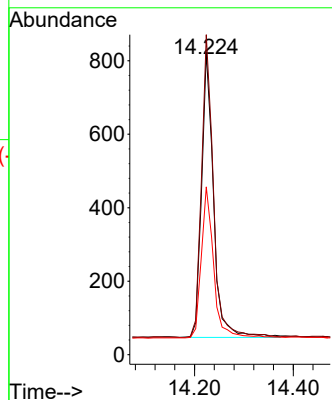
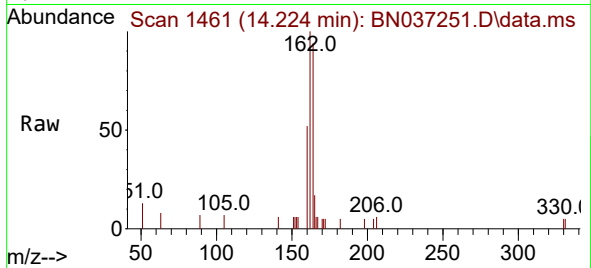




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

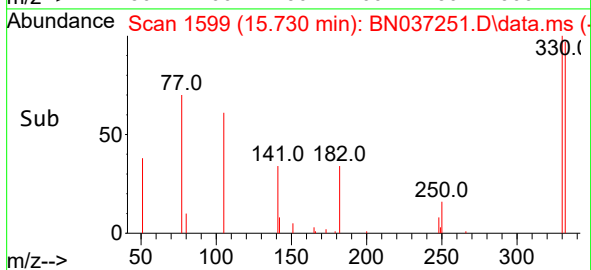
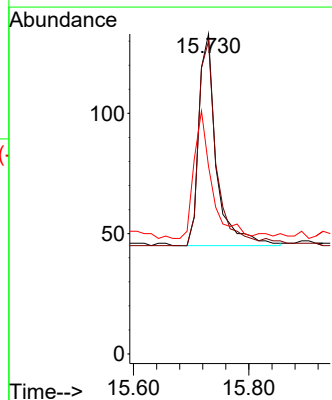
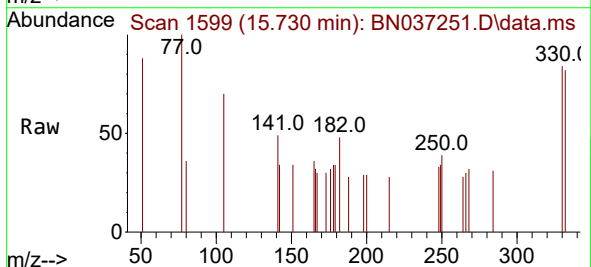
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BNA_N
ClientSampleId :
RW10-MW01D-20250609

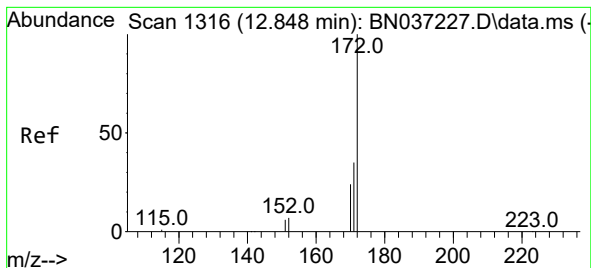
Tgt Ion:164 Resp: 1301
Ion Ratio Lower Upper
164 100
162 106.0 86.7 130.1
160 55.6 45.8 68.6



#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

Tgt Ion:330 Resp: 185
Ion Ratio Lower Upper
330 100
332 101.1 74.9 112.3
141 61.1 45.1 67.7





#15

2-Fluorobiphenyl

Concen: 0.305 ng

RT: 12.848 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037251.D

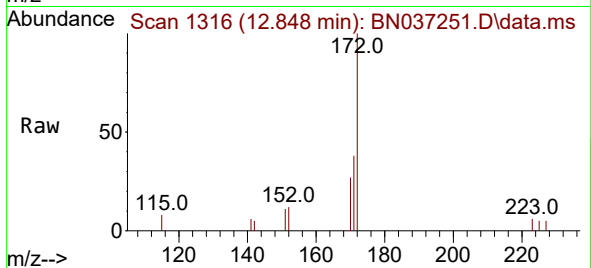
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Instrument :

BNA_N

ClientSampleId :

RW10-MW01D-20250609



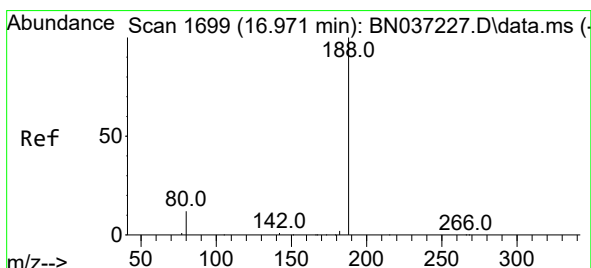
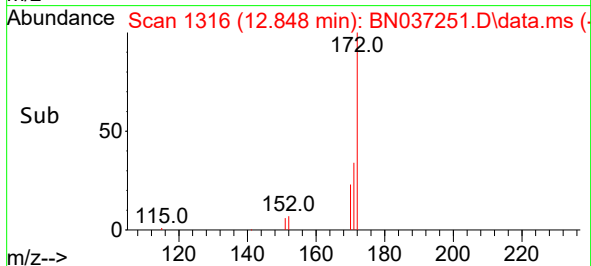
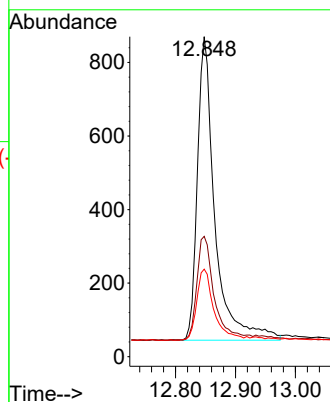
Tgt Ion:172 Resp: 1669

Ion Ratio Lower Upper

172 100

171 37.6 29.8 44.8

170 27.4 21.1 31.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BN037251.D

Acq: 14 Jun 2025 06:33

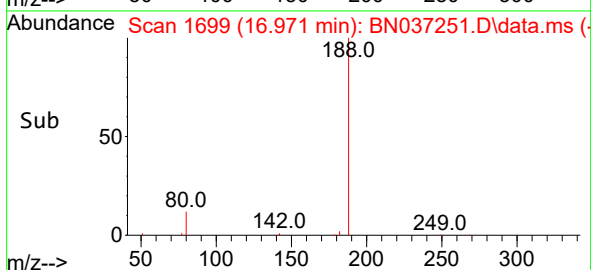
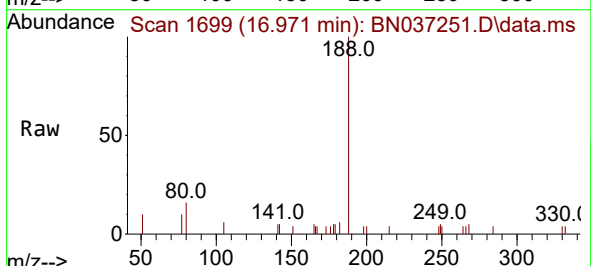
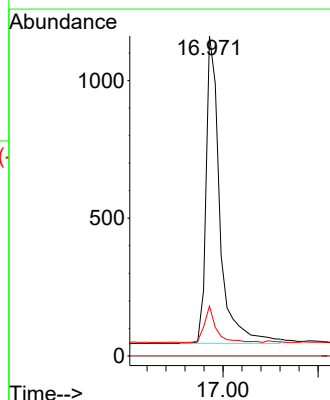
Tgt Ion:188 Resp: 2259

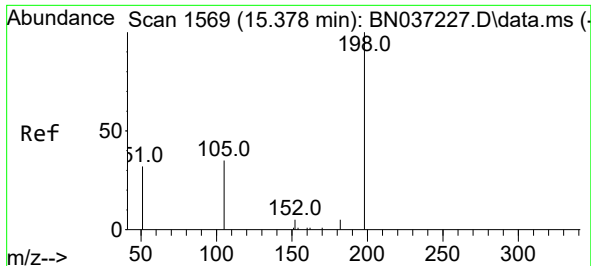
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.6 12.2 18.4

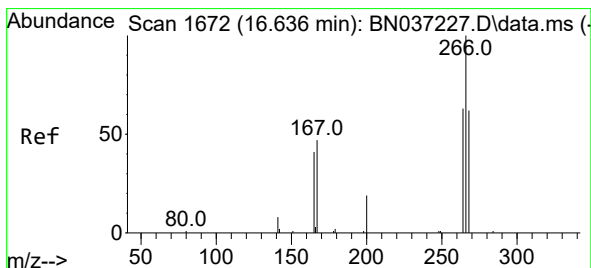
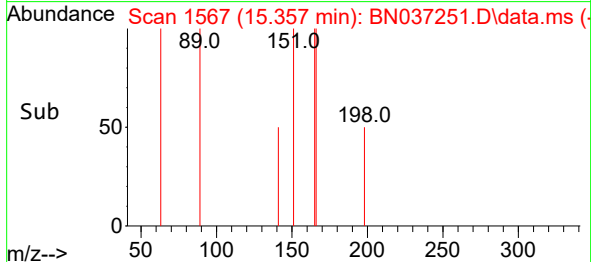
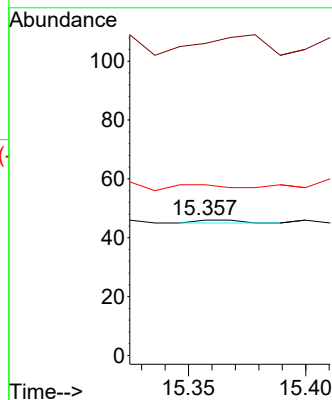
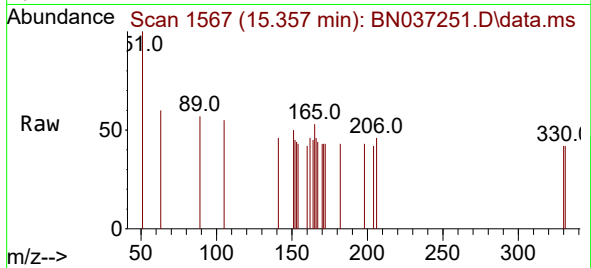




#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.357 min Scan# 1567
Delta R.T. -0.021 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

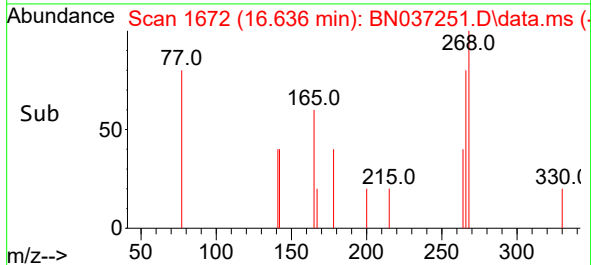
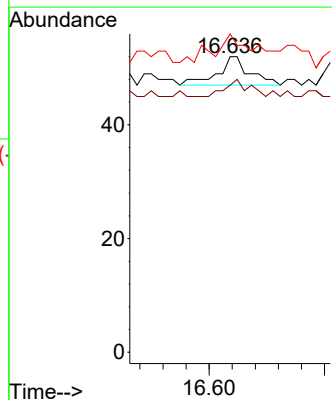
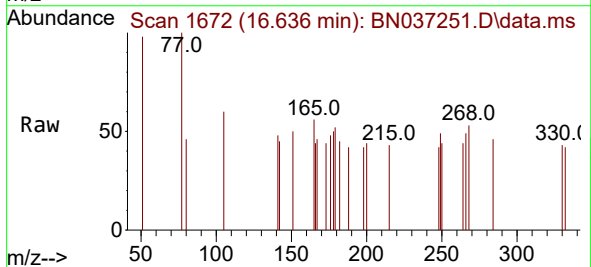
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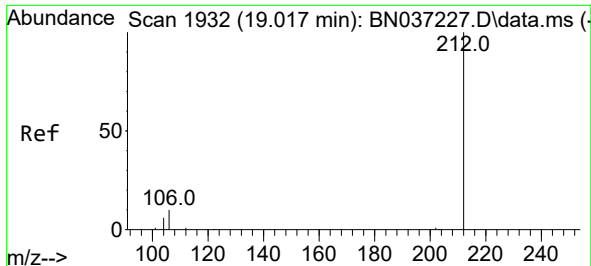
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 230.4 111.2 166.8#
105 126.1 54.0 81.0#



#24
Pentachlorophenol
Concen: 0.023 ng
RT: 16.636 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
264 42.1 49.2 73.8#
268 142.1 53.4 80.2#

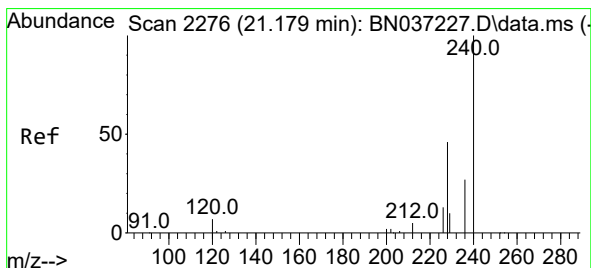
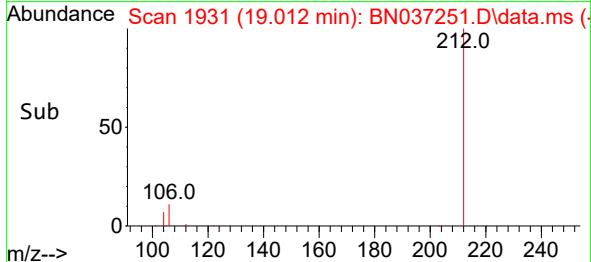
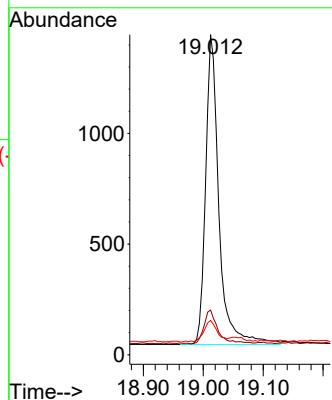
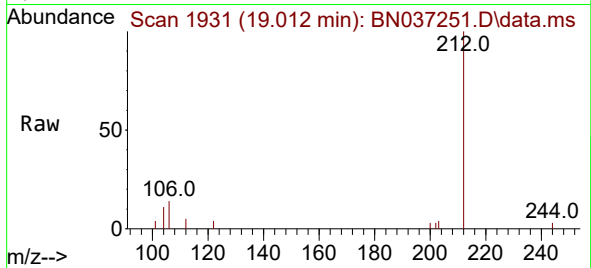




#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

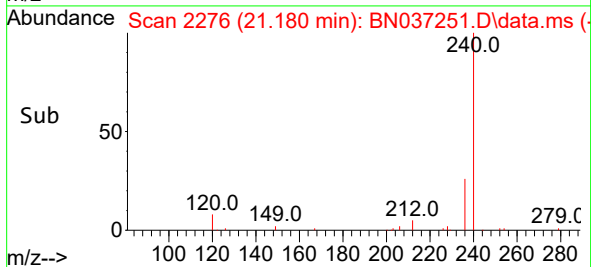
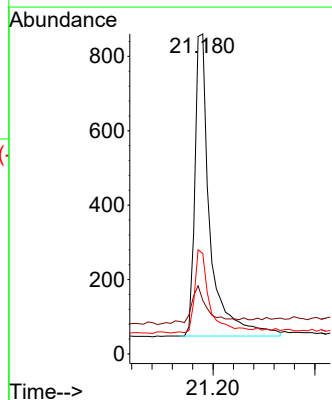
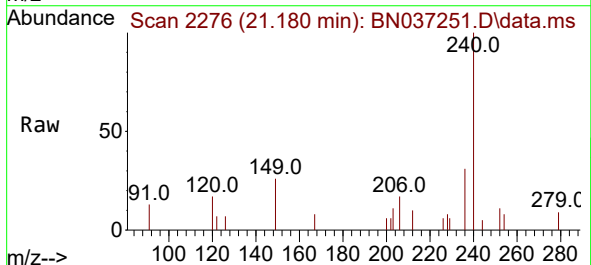
Instrument :
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RW10-MW01D-20250609

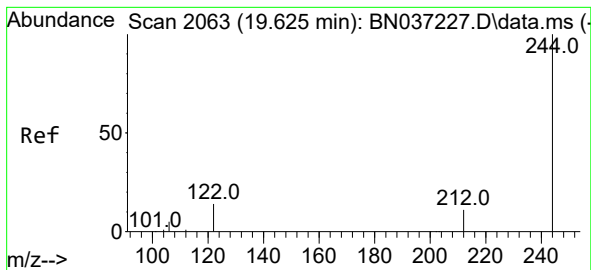
Tgt Ion:212 Resp: 2160
Ion Ratio Lower Upper
212 100
106 11.6 9.3 13.9
104 6.9 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN037251.D
Acq: 14 Jun 2025 06:33

Tgt Ion:240 Resp: 1680
Ion Ratio Lower Upper
240 100
120 16.7 11.3 16.9
236 31.4 24.4 36.6





#31

Terphenyl-d14

Concen: 0.450 ng

RT: 19.621 min Scan# 2063

Delta R.T. -0.005 min

Lab File: BN037251.D

Acq: 14 Jun 2025 06:33

Instrument :

BNA_N

ClientSampleId :

RW10-MW01D-20250609

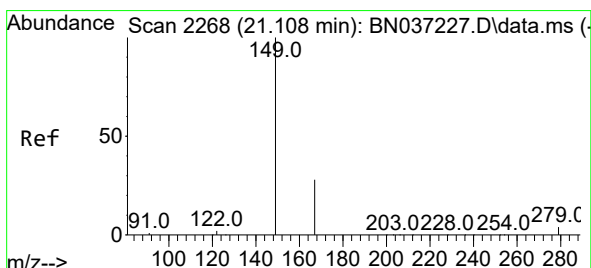
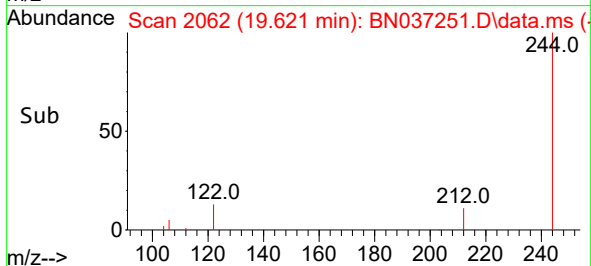
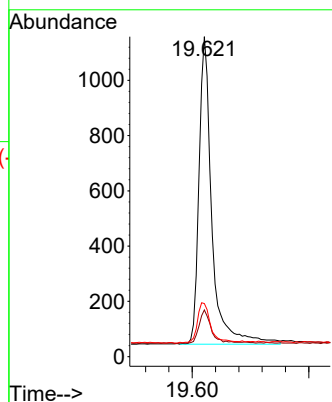
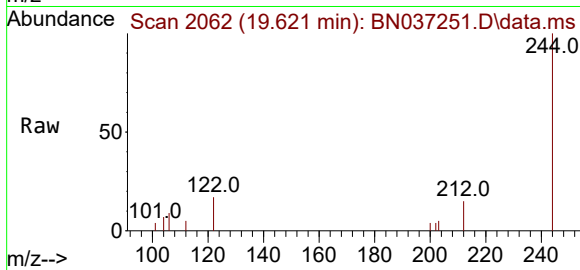
Tgt Ion:244 Resp: 1709

Ion Ratio Lower Upper

244 100

212 14.6 12.2 18.2

122 16.6 14.3 21.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 21.099 min Scan# 2267

Delta R.T. -0.009 min

Lab File: BN037251.D

Acq: 14 Jun 2025 06:33

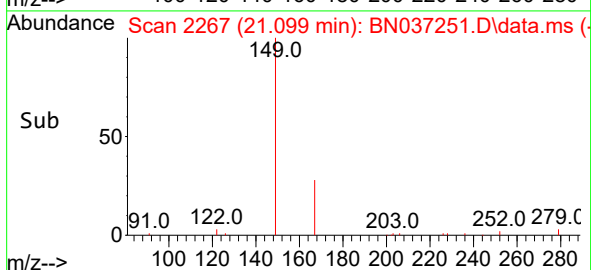
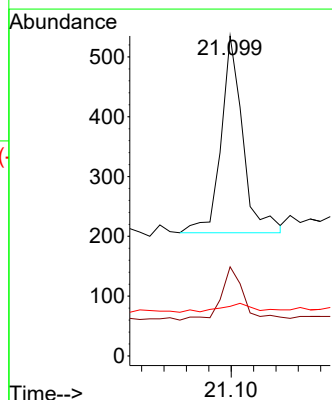
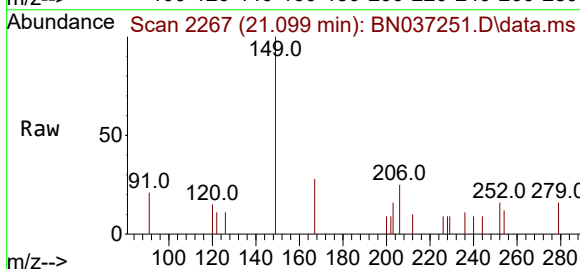
Tgt Ion:149 Resp: 444

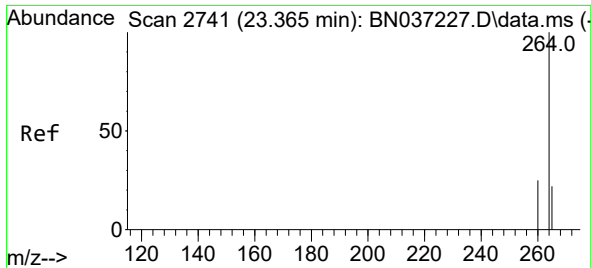
Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

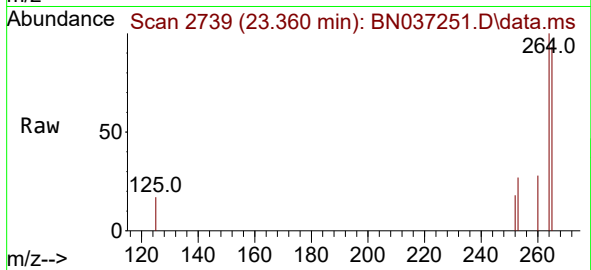
279 7.7 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037251.D
 Acq: 14 Jun 2025 06:33

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01D-20250609



Tgt Ion:264 Resp: 1691
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.8 34.2
 265 93.3 66.4 99.6

