

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037179.D
 Acq On : 05 Jun 2025 13:56
 Operator : RC/JU
 Sample : Q2200-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-060325

Quant Time: Jun 05 14:28:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

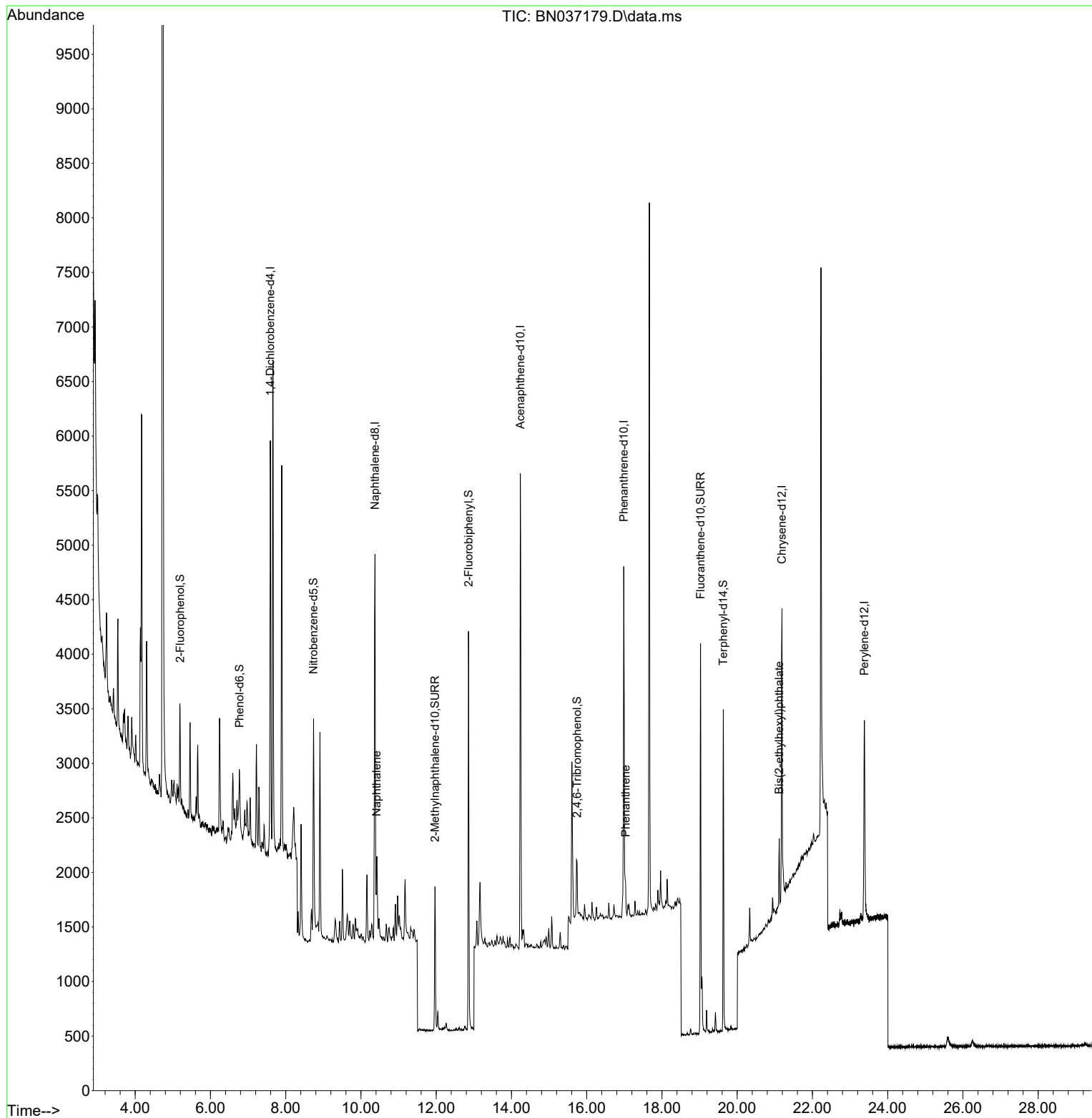
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1771	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4597	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2434	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4339	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2778	0.400	ng	0.00
35) Perylene-d12	23.380	264	2502	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	666	0.152	ng	0.00
5) Phenol-d6	6.773	99	474	0.089	ng	0.00
8) Nitrobenzene-d5	8.739	82	1529	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	1866	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	337	0.344	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3182	0.307	ng	0.00
27) Fluoranthene-d10	19.026	212	4011	0.364	ng	0.00
31) Terphenyl-d14	19.630	244	2812	0.430	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.415	128	413	0.031	ng	# 63
25) Phenanthrene	17.033	178	335	0.024	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.117	149	601	0.095	ng	98

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

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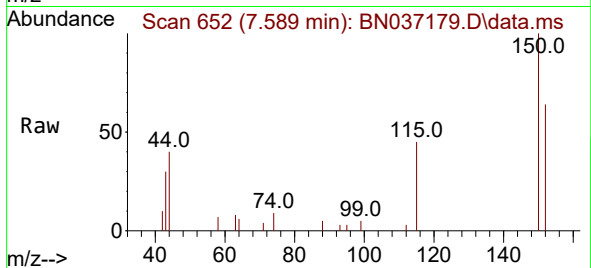
Quant Time: Jun 05 14:28:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
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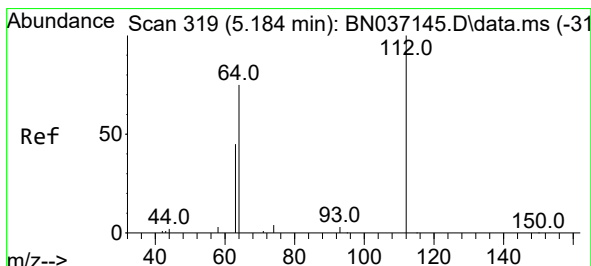
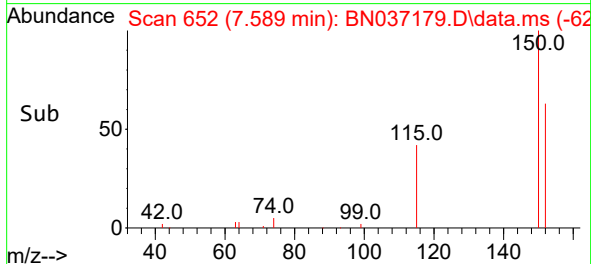
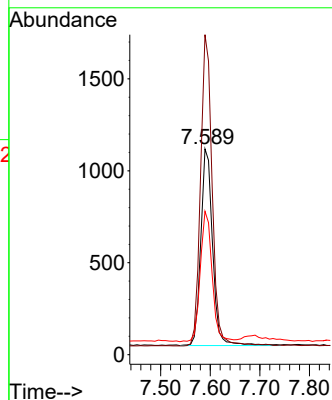


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Instrument :
BNA_N
ClientSampleId :
EB01-060325

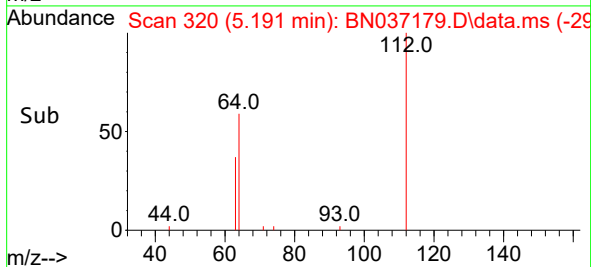
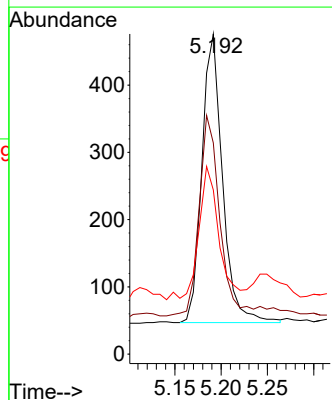
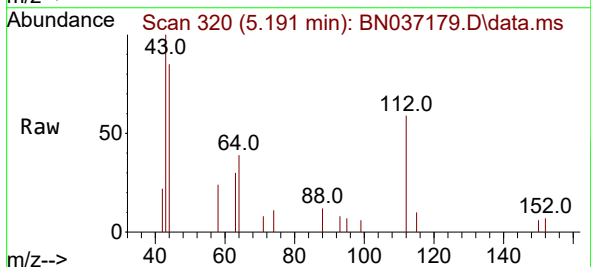


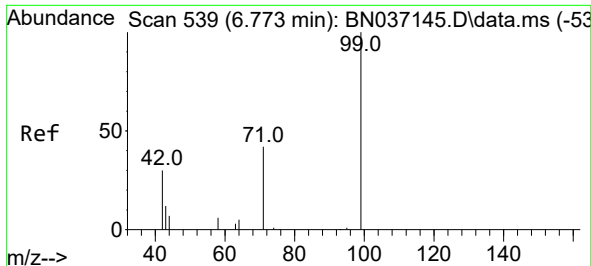
Tgt Ion:152 Resp: 1771
Ion Ratio Lower Upper
152 100
150 155.5 123.2 184.8
115 69.7 56.6 85.0



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.191 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:112 Resp: 666
Ion Ratio Lower Upper
112 100
64 68.8 56.3 84.5
63 44.6 36.2 54.4

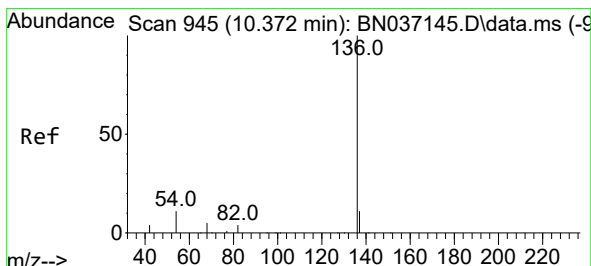
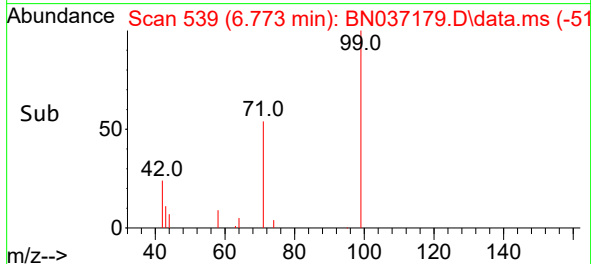
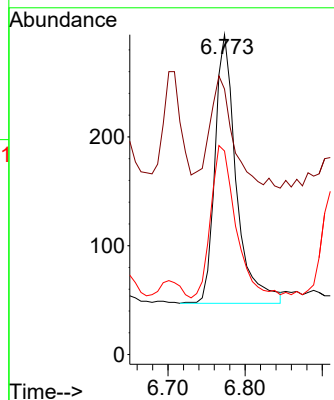
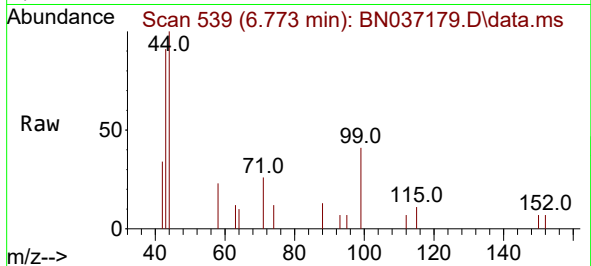




#5
Phenol-d6
Concen: 0.089 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

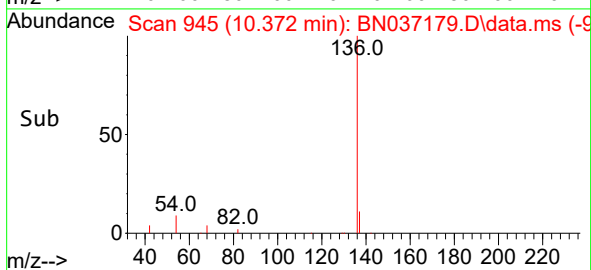
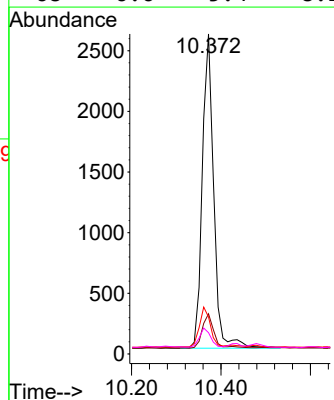
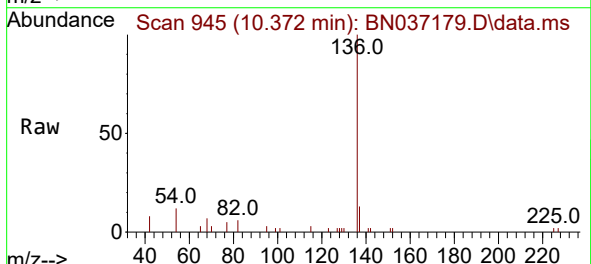
Instrument :
BNA_N
ClientSampleId :
EB01-060325

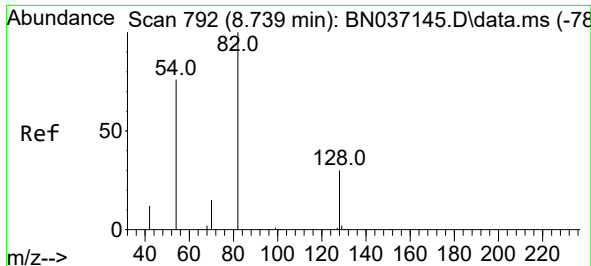
Tgt Ion: 99 Resp: 474
Ion Ratio Lower Upper
99 100
42 46.6 31.3 46.9
71 67.7 38.2 57.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 136 Resp: 4597
Ion Ratio Lower Upper
136 100
137 12.5 9.7 14.5
54 11.6 9.7 14.5
68 6.6 5.4 8.2

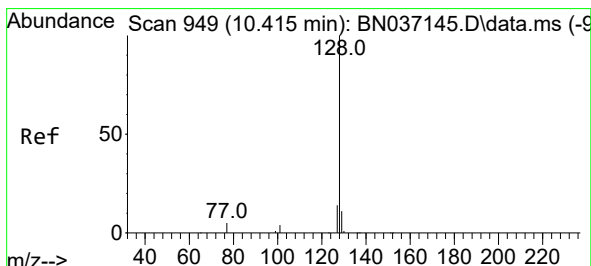
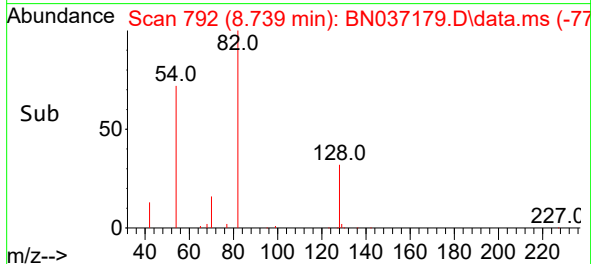
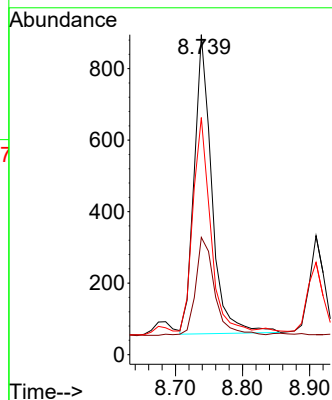
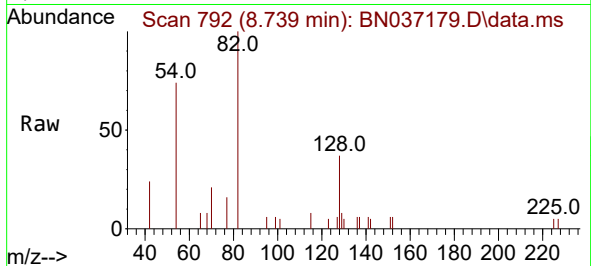




#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

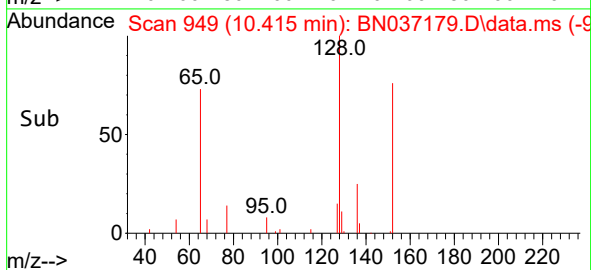
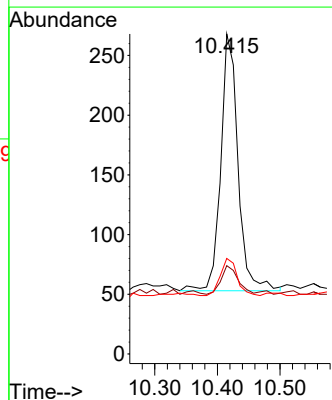
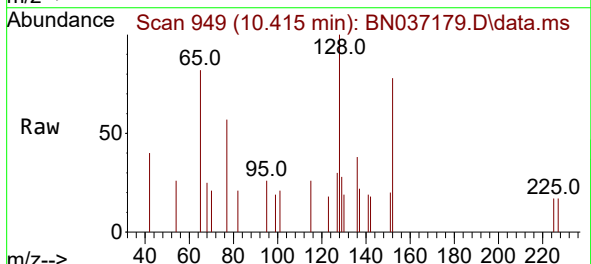
Instrument :
BNA_N
ClientSampleId :
EB01-060325

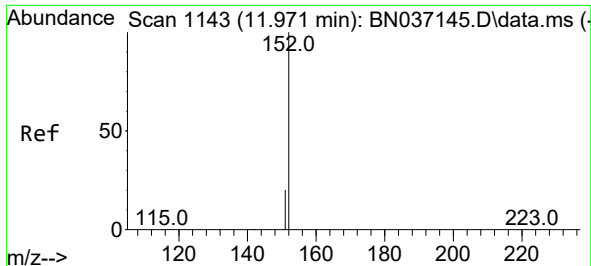
Tgt Ion: 82 Resp: 1529
Ion Ratio Lower Upper
82 100
128 36.6 26.9 40.3
54 74.1 61.4 92.2



#9
Naphthalene
Concen: 0.031 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion: 128 Resp: 413
Ion Ratio Lower Upper
128 100
129 27.6 9.8 14.8#
127 29.9 12.3 18.5#





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 11.965 min Scan# 1142

Delta R.T. -0.005 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_N

ClientSampleId :

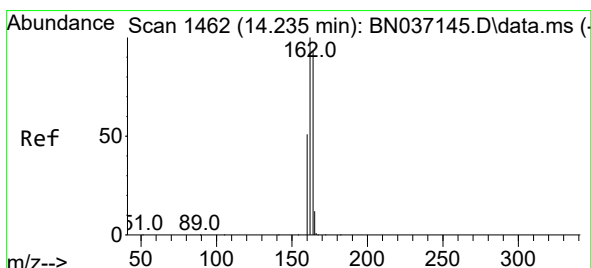
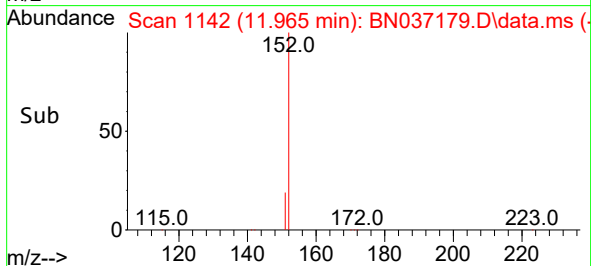
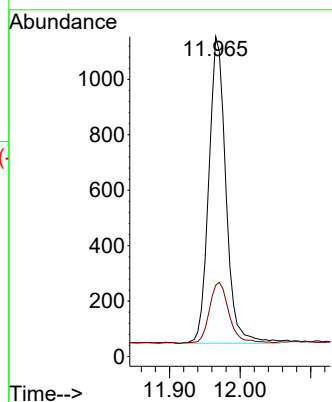
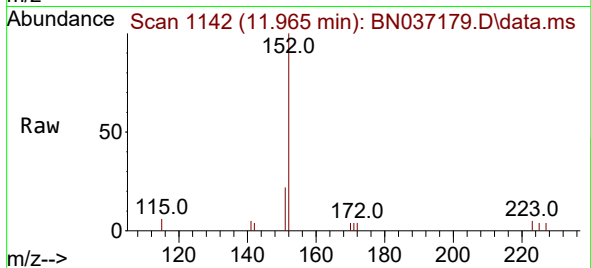
EB01-060325

Tgt Ion:152 Resp: 1866

Ion Ratio Lower Upper

152 100

151 23.3 17.1 25.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.234 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

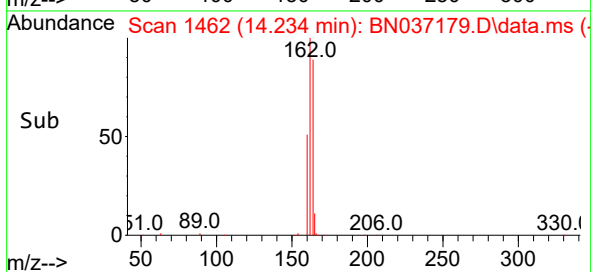
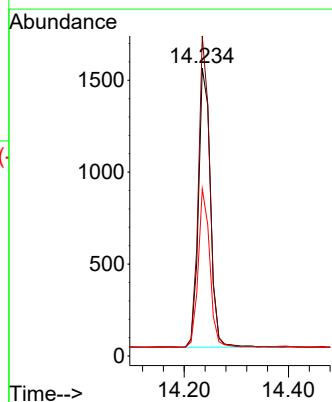
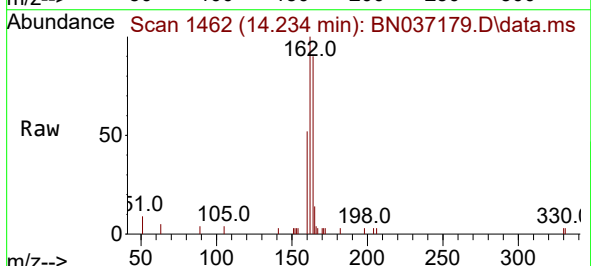
Tgt Ion:164 Resp: 2434

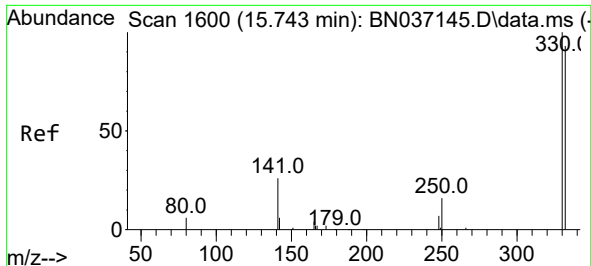
Ion Ratio Lower Upper

164 100

162 111.2 85.5 128.3

160 58.1 44.6 67.0





#14

2,4,6-Tribromophenol

Concen: 0.344 ng

RT: 15.742 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037179.D

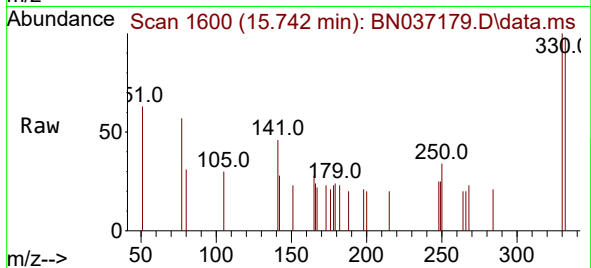
Acq: 05 Jun 2025 13:56

Instrument :

BNA_N

ClientSampleId :

EB01-060325



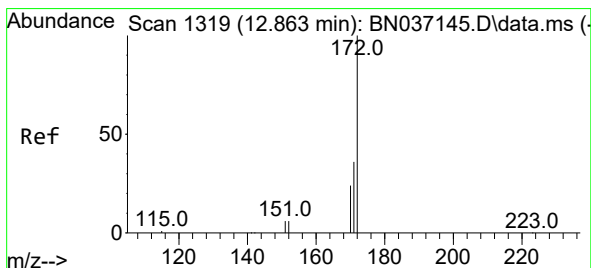
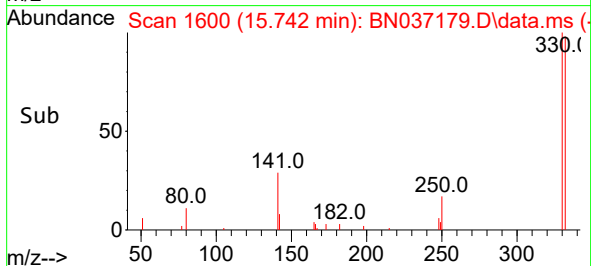
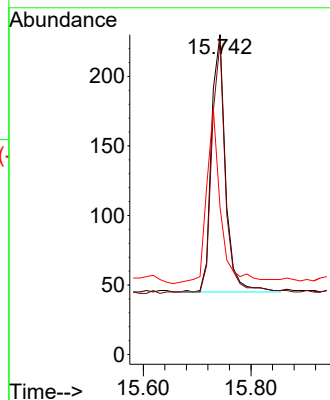
Tgt Ion:330 Resp: 337

Ion Ratio Lower Upper

330 100

332 92.9 77.1 115.7

141 68.2 46.4 69.6



#15

2-Fluorobiphenyl

Concen: 0.307 ng

RT: 12.858 min Scan# 1318

Delta R.T. -0.005 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

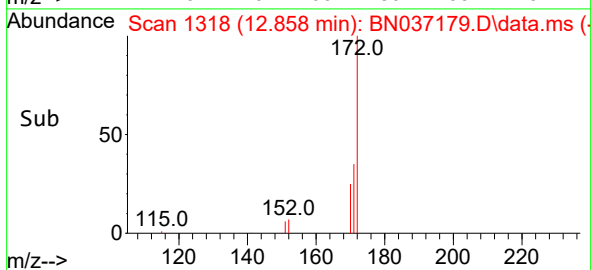
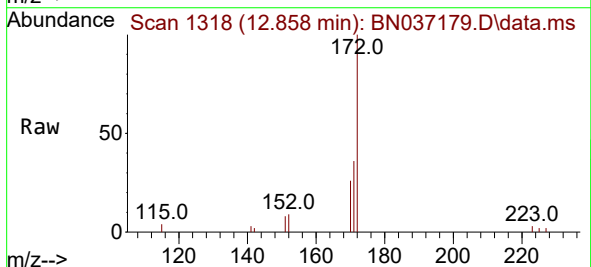
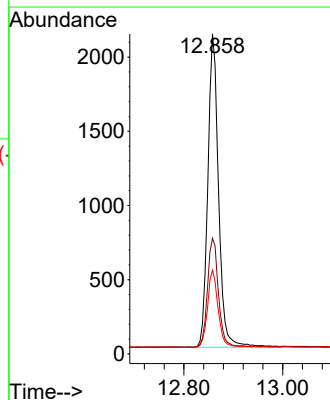
Tgt Ion:172 Resp: 3182

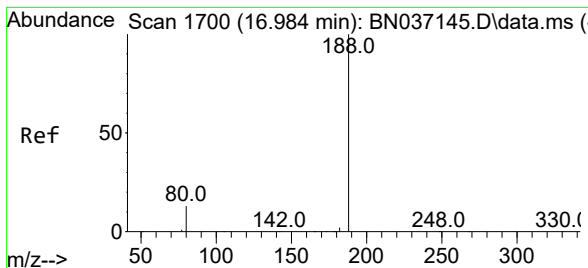
Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

170 26.2 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

Instrument :

BNA_N

ClientSampleId :

EB01-060325

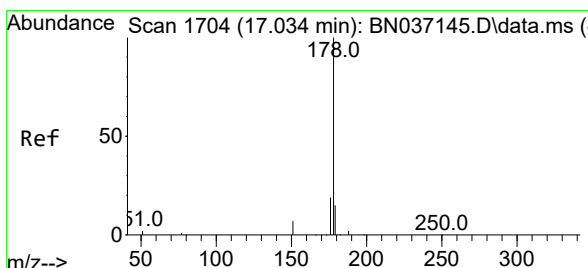
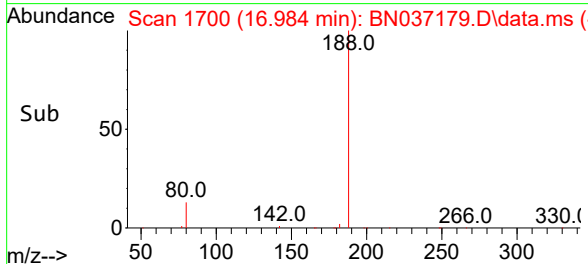
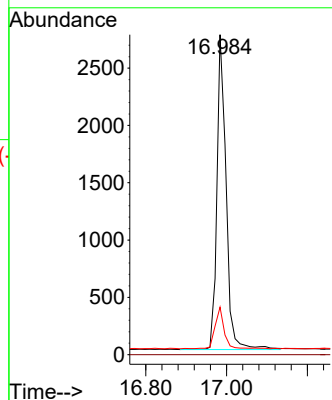
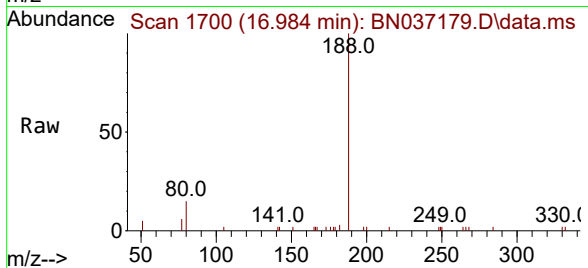
Tgt Ion:188 Resp: 4339

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.9 11.3 16.9



#25

Phenanthrene

Concen: 0.024 ng

RT: 17.033 min Scan# 1704

Delta R.T. -0.000 min

Lab File: BN037179.D

Acq: 05 Jun 2025 13:56

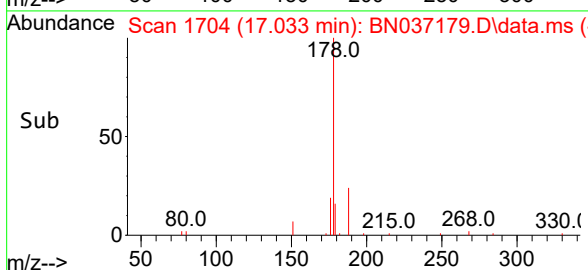
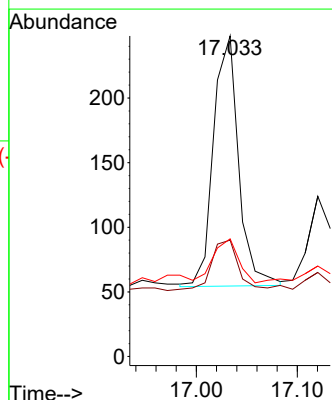
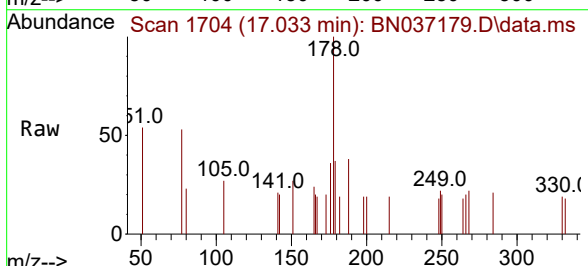
Tgt Ion:178 Resp: 335

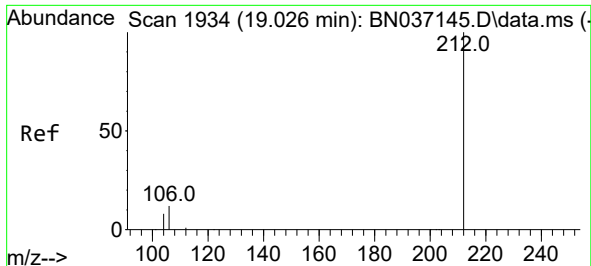
Ion Ratio Lower Upper

178 100

176 21.8 15.7 23.5

179 25.4 12.3 18.5#

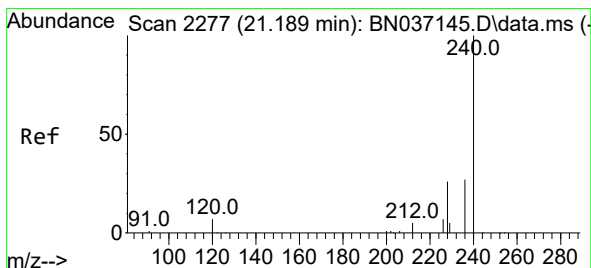
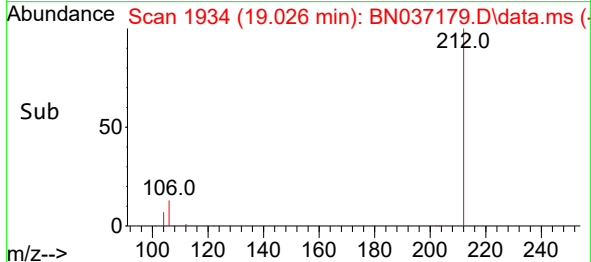
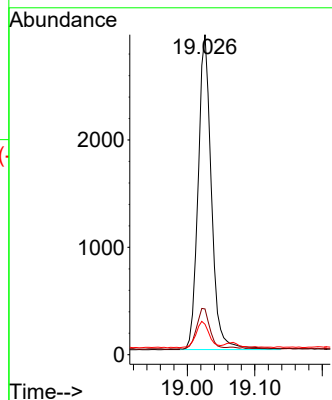
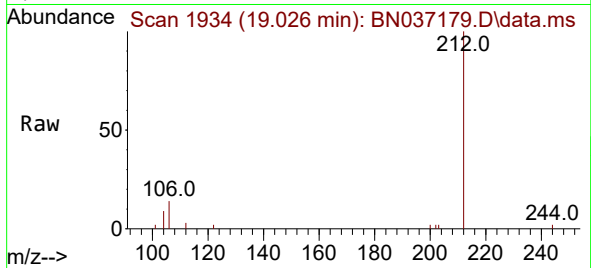




#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

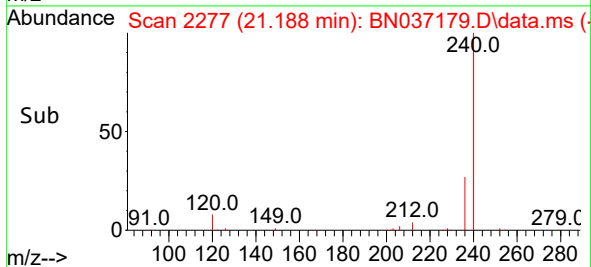
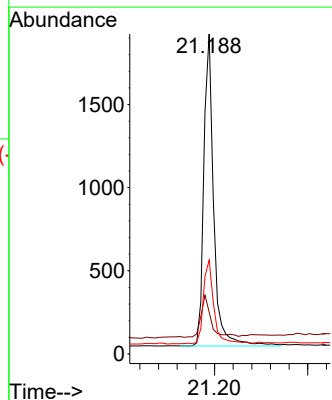
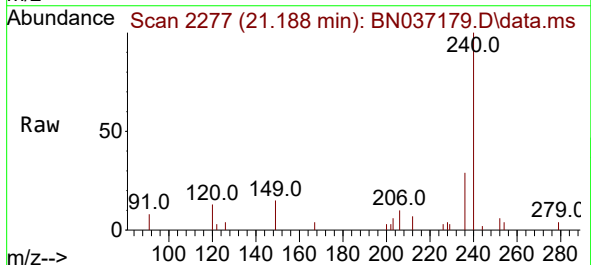
Instrument :
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EB01-060325

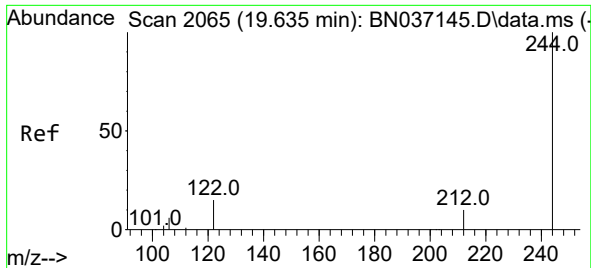
Tgt Ion:212 Resp: 4011
Ion Ratio Lower Upper
212 100
106 12.8 10.6 15.8
104 8.5 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037179.D
Acq: 05 Jun 2025 13:56

Tgt Ion:240 Resp: 2778
Ion Ratio Lower Upper
240 100
120 13.1 9.0 13.4
236 29.3 23.0 34.4

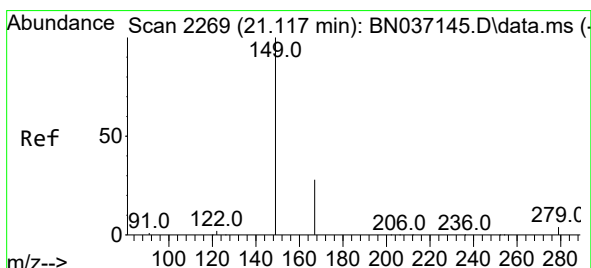
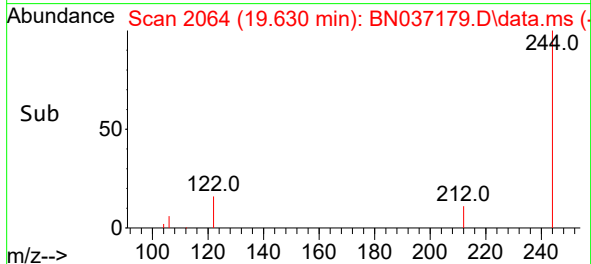
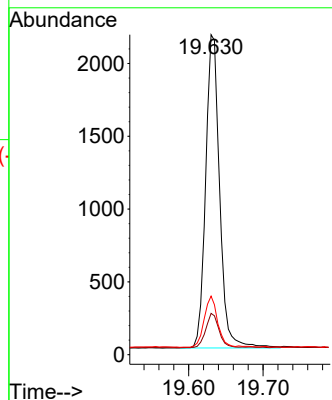
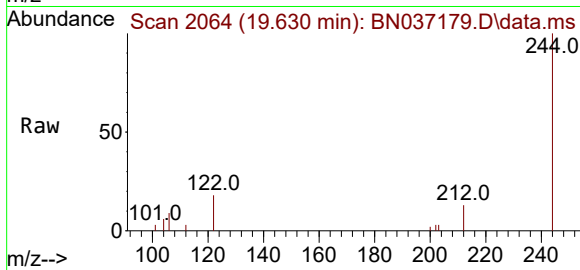




#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.630 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN037179.D
 Acq: 05 Jun 2025 13:56

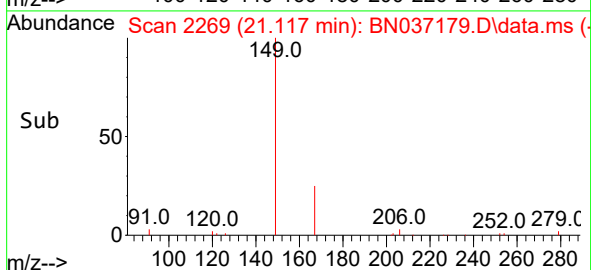
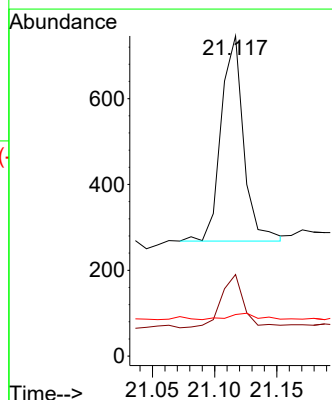
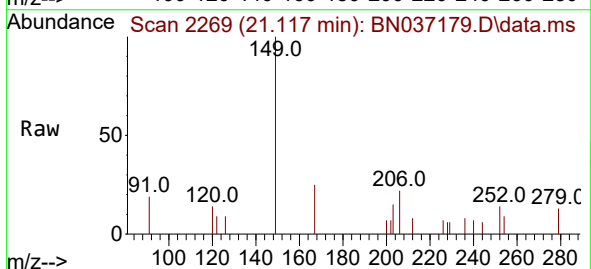
Instrument :
 BNA_N
 ClientSampleId :
 EB01-060325

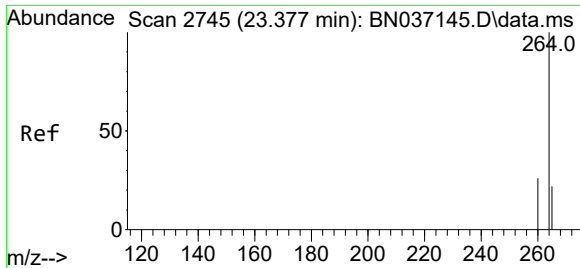
Tgt Ion:244	Resp:	2812
Ion	Ratio	Lower Upper
244	100	
212	12.9	10.0 15.0
122	18.3	13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.095 ng
 RT: 21.117 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BN037179.D
 Acq: 05 Jun 2025 13:56

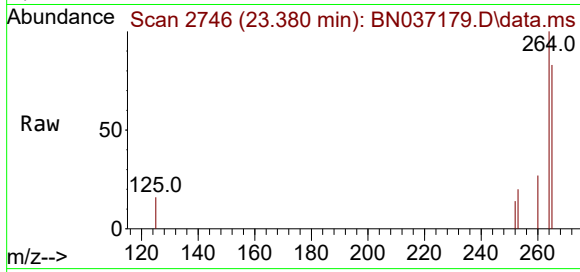
Tgt Ion:149	Resp:	601
Ion	Ratio	Lower Upper
149	100	
167	27.1	21.0 31.4
279	4.2	2.9 4.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.380 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037179.D
 Acq: 05 Jun 2025 13:56

Instrument :
 BNA_N
 ClientSampleId :
 EB01-060325



Tgt Ion:264 Resp: 2502
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.1 33.1
 265 82.5 55.8 83.8

