

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037242.D
 Acq On : 14 Jun 2025 01:08
 Operator : RC/JU
 Sample : Q2263-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D3-20250606

Quant Time: Jun 14 02:05:51 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)

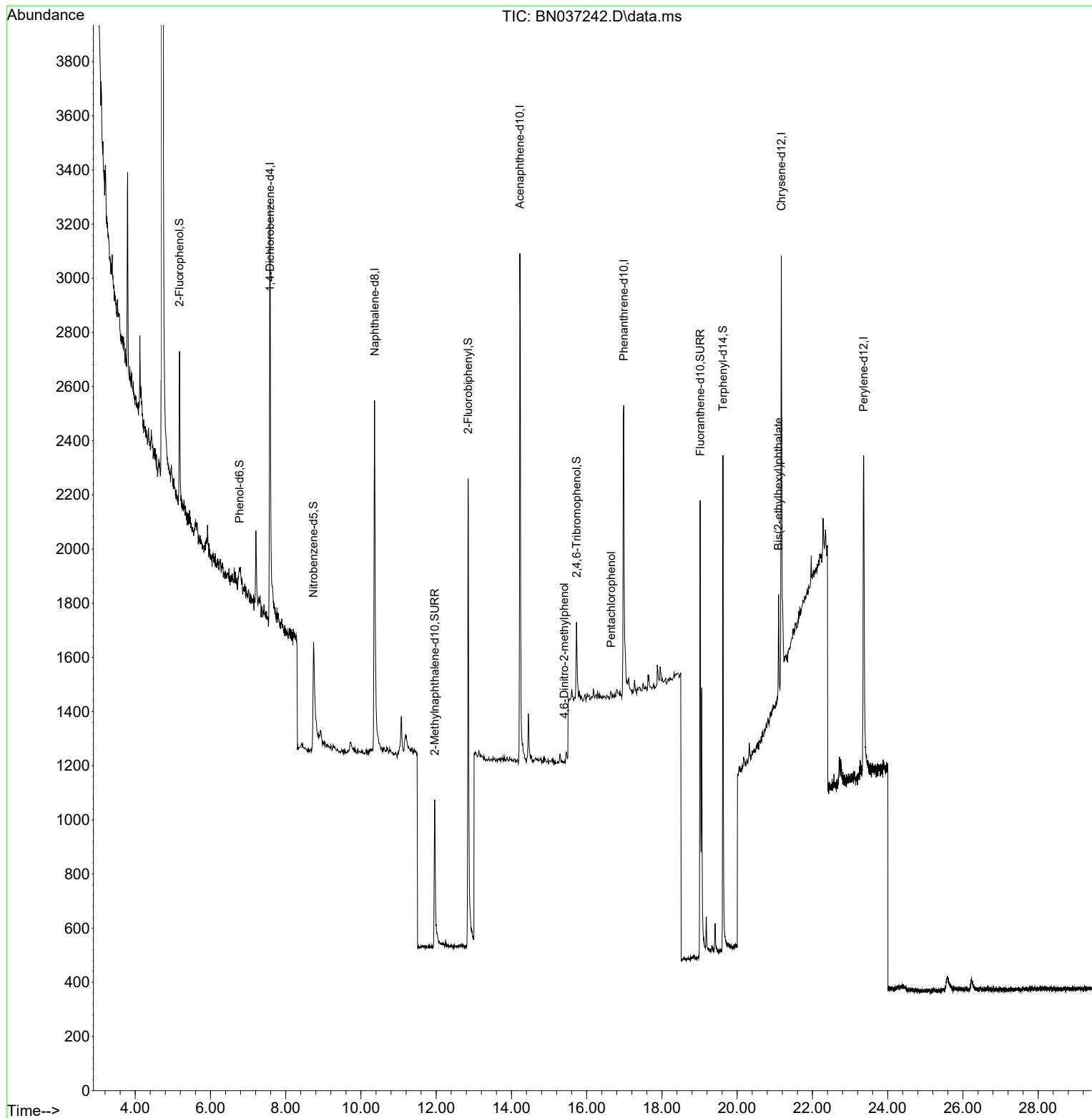
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	958	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	2256	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1255	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2156	0.400	ng	# 0.01
29) Chrysene-d12	21.171	240	1827	0.400	ng	0.00
35) Perylene-d12	23.360	264	1841	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	363	0.154	ng	0.00
5) Phenol-d6	6.773	99	155	0.063	ng	0.01
8) Nitrobenzene-d5	8.739	82	660	0.296	ng	0.01
11) 2-Methylnaphthalene-d10	11.960	152	1035	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	202	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	2022	0.383	ng	0.00
27) Fluoranthene-d10	19.017	212	2339	0.415	ng	0.00
31) Terphenyl-d14	19.621	244	1897	0.459	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.400	198	3	0.122	ng	# 37
24) Pentachlorophenol	16.649	266	25	0.031	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.099	149	356	0.077	ng	# 91

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

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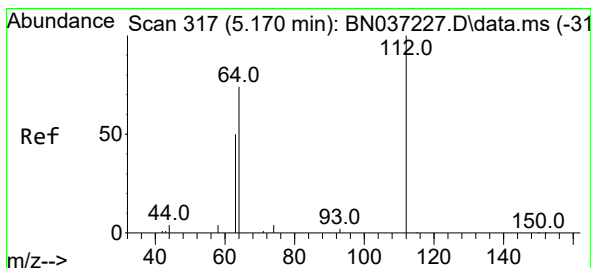
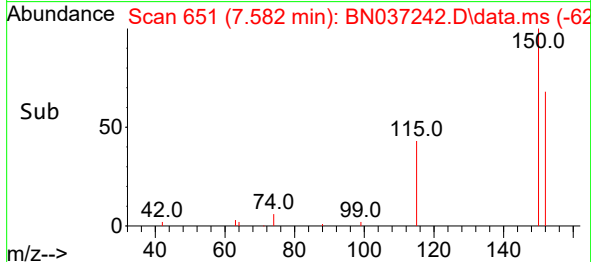
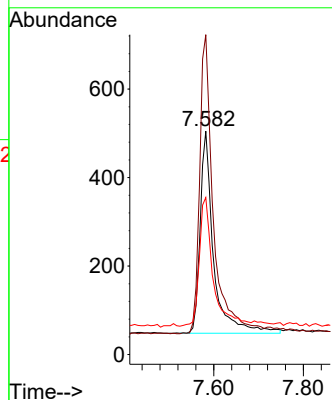
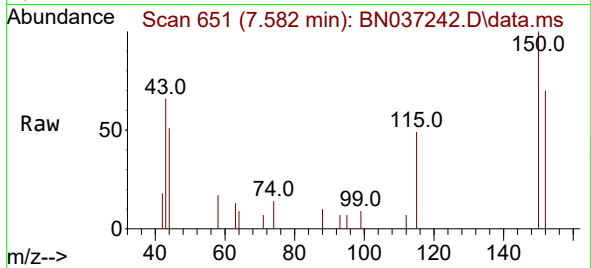




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

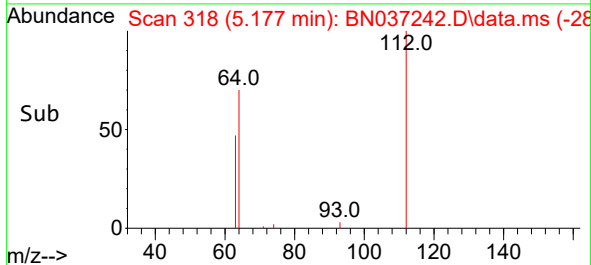
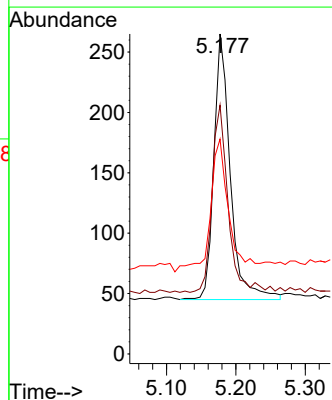
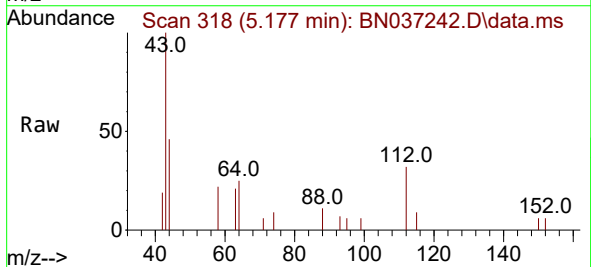
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20250606

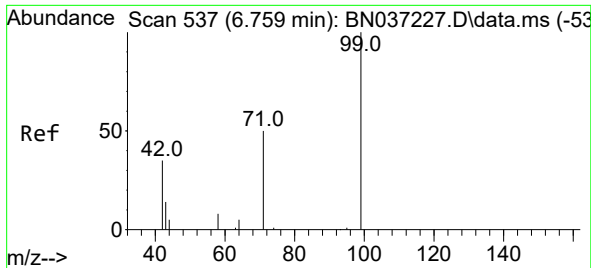
Tgt Ion:152 Resp: 958
Ion Ratio Lower Upper
152 100
150 143.2 125.2 187.8
115 70.3 58.4 87.6



#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.177 min Scan# 318
Delta R.T. 0.007 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

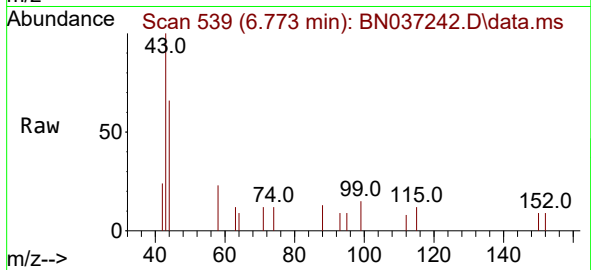
Tgt Ion:112 Resp: 363
Ion Ratio Lower Upper
112 100
64 68.9 57.2 85.8
63 55.9 39.8 59.6



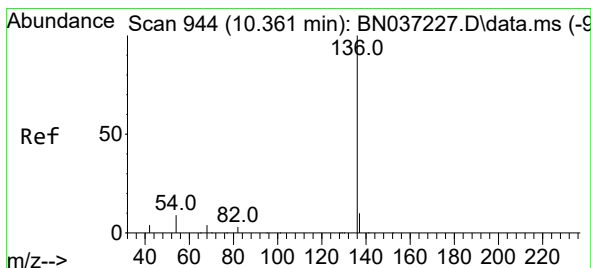
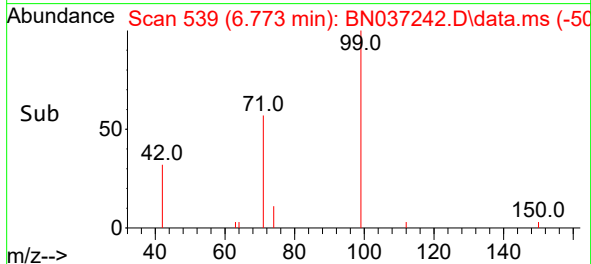
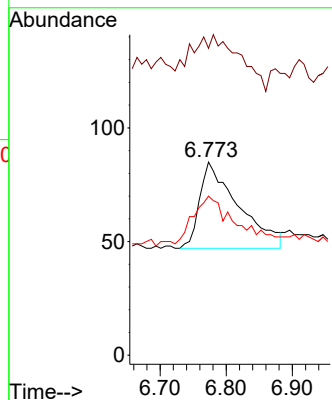


#5
Phenol-d6
Concen: 0.063 ng
RT: 6.773 min Scan# 51
Delta R.T. 0.015 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20250606

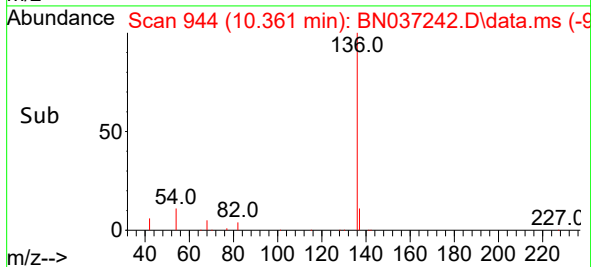
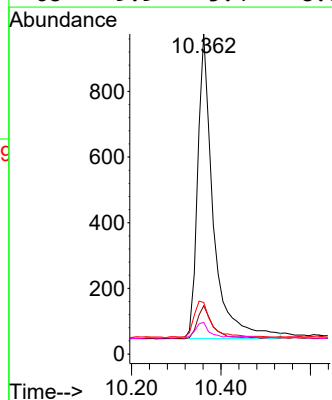
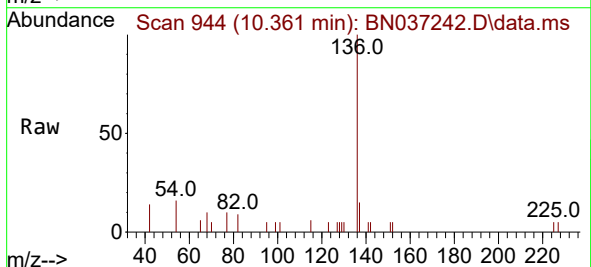


Tgt Ion: 99 Resp: 155
Ion Ratio Lower Upper
99 100
42 17.4 36.2 54.4#
71 58.7 42.4 63.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

Tgt Ion: 136 Resp: 2256
Ion Ratio Lower Upper
136 100
137 15.1 10.6 15.8
54 16.1 9.2 13.8#
68 9.9 5.4 8.0#

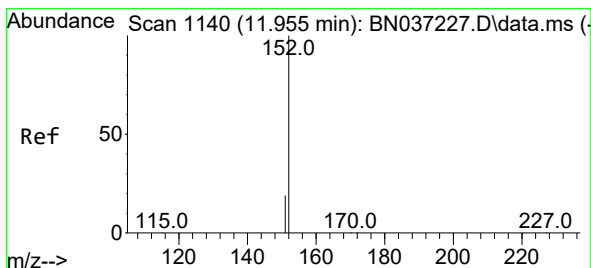
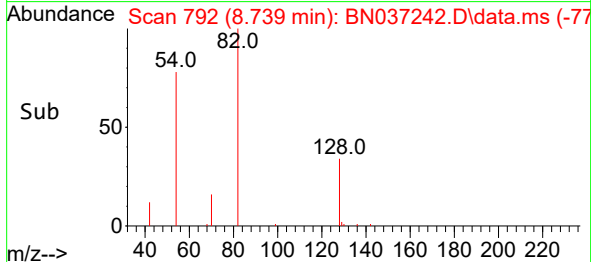
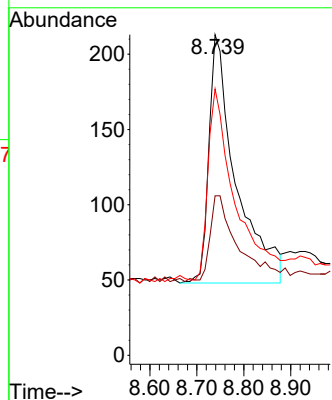
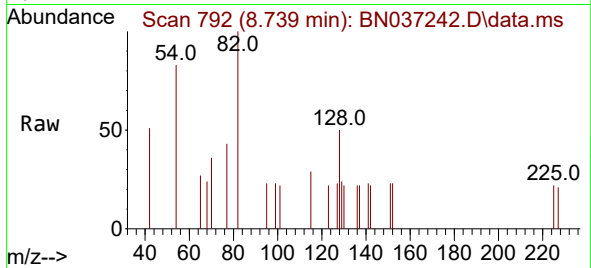




#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.739 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

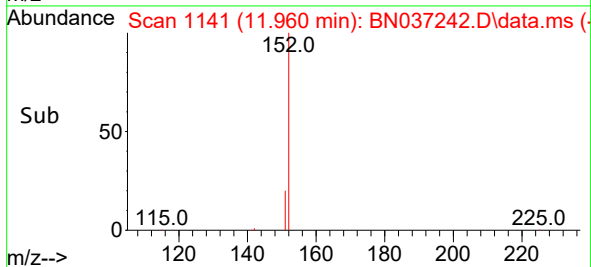
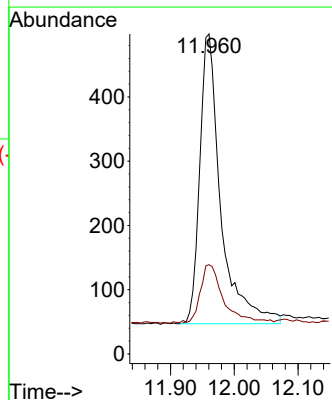
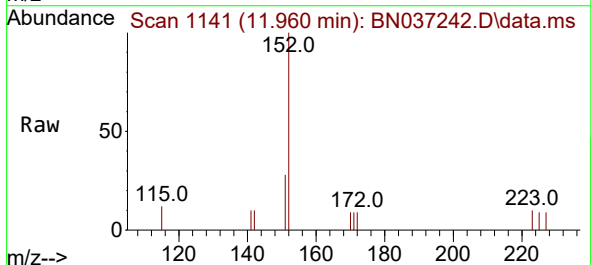
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D3-20250606

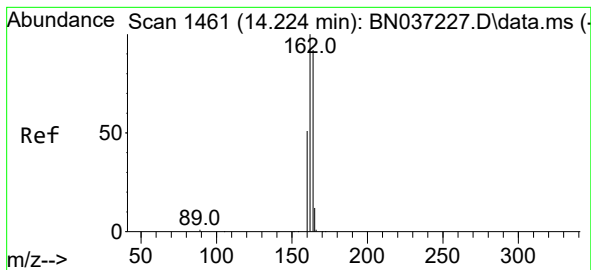
Tgt Ion: 82 Resp: 660
Ion Ratio Lower Upper
82 100
128 49.8 31.2 46.8#
54 83.1 63.3 94.9



#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 11.960 min Scan# 1141
Delta R.T. 0.005 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

Tgt Ion: 152 Resp: 1035
Ion Ratio Lower Upper
152 100
151 22.3 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: BN037242.D

Acq: 14 Jun 2025 01:08

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D3-20250606

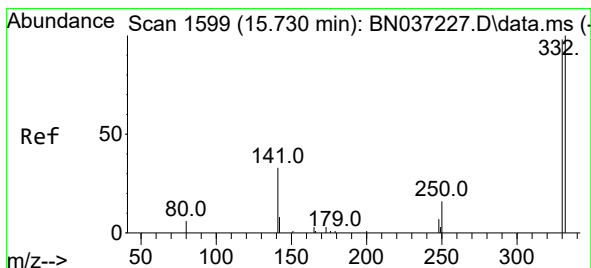
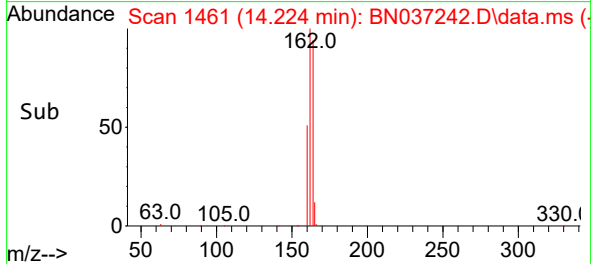
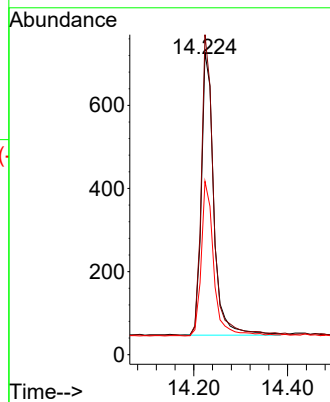
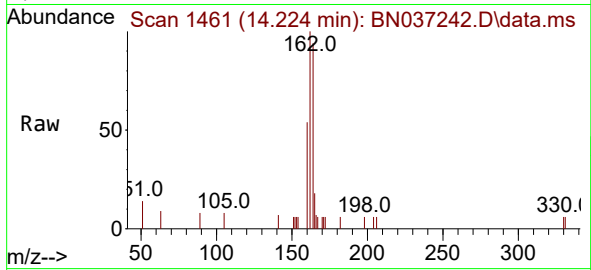
Tgt Ion:164 Resp: 1255

Ion Ratio Lower Upper

164 100

162 105.9 86.7 130.1

160 57.4 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.388 ng

RT: 15.730 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BN037242.D

Acq: 14 Jun 2025 01:08

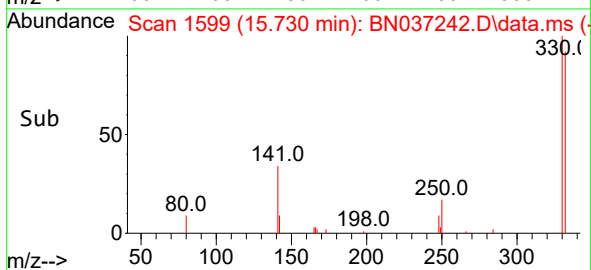
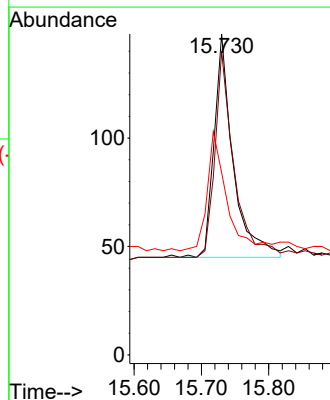
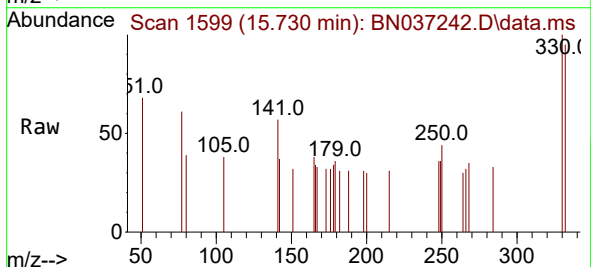
Tgt Ion:330 Resp: 202

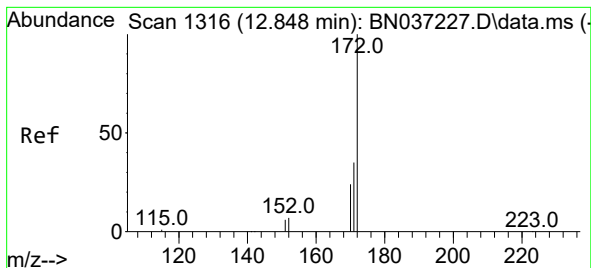
Ion Ratio Lower Upper

330 100

332 96.0 74.9 112.3

141 55.4 45.1 67.7





#15

2-Fluorobiphenyl

Concen: 0.383 ng

RT: 12.848 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037242.D

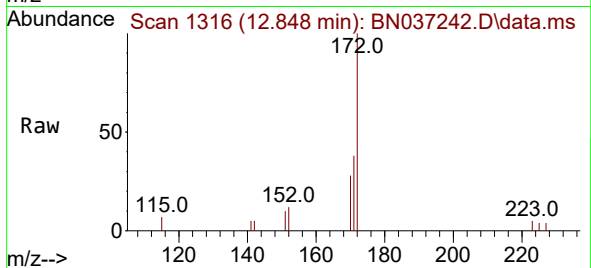
Acq: 14 Jun 2025 01:08

Instrument :

BNA_N

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RW9-MW01D3-20250606



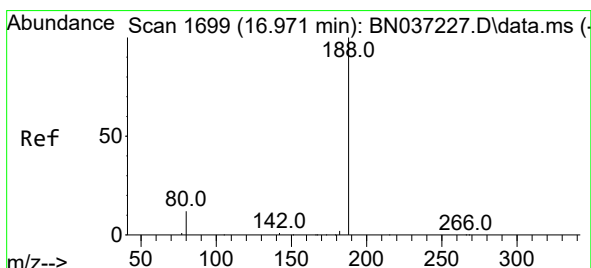
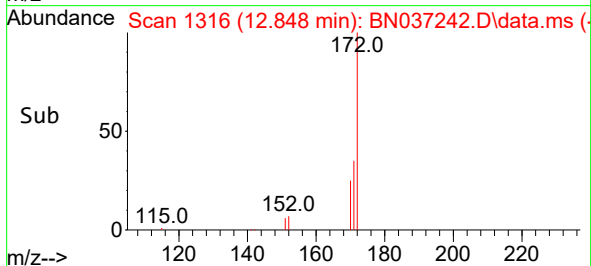
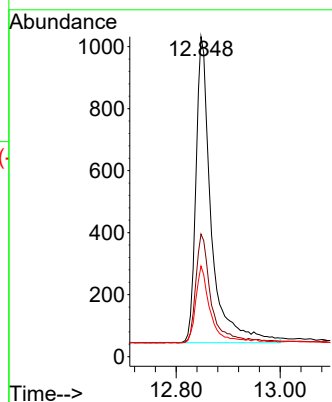
Tgt Ion:172 Resp: 2022

Ion Ratio Lower Upper

172 100

171 38.3 29.8 44.8

170 28.3 21.1 31.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 1700

Delta R.T. 0.013 min

Lab File: BN037242.D

Acq: 14 Jun 2025 01:08

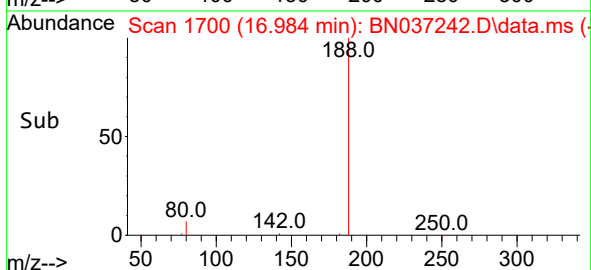
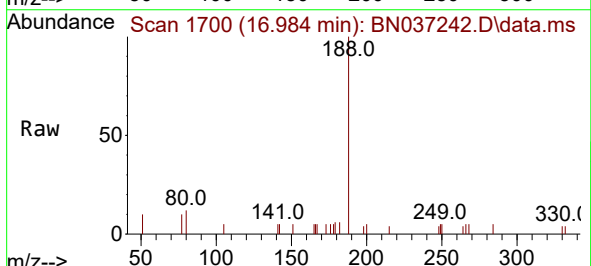
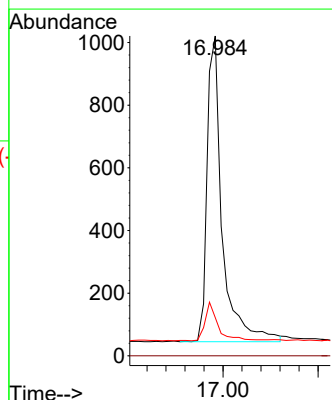
Tgt Ion:188 Resp: 2156

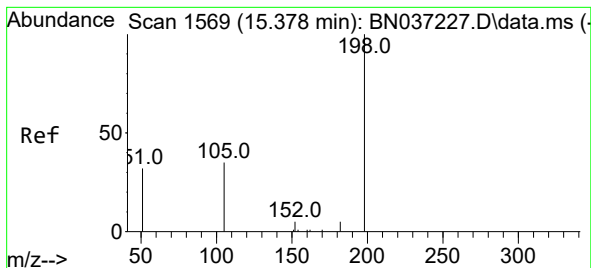
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 12.2 18.4#

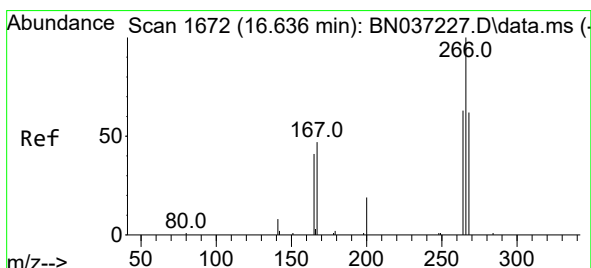
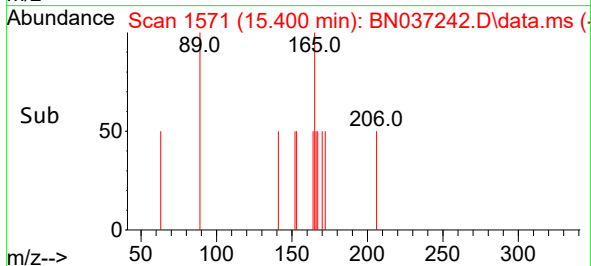
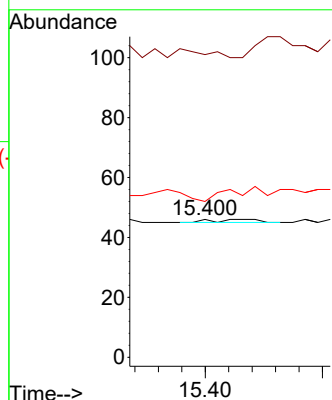
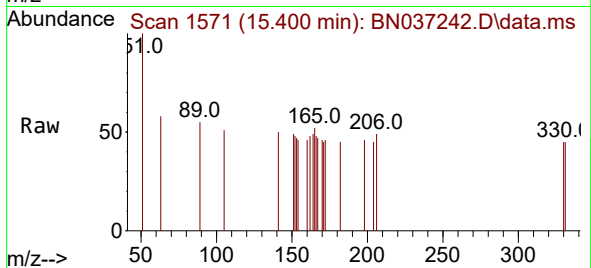




#20
4,6-Dinitro-2-methylphenol
Concen: 0.122 ng
RT: 15.400 min Scan# 1571
Delta R.T. 0.022 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

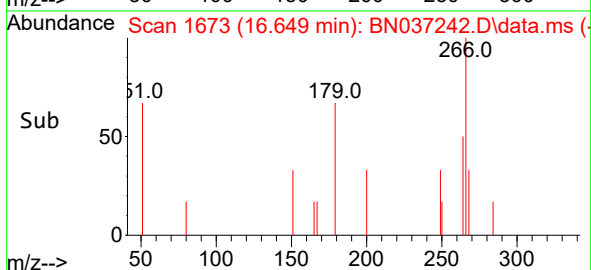
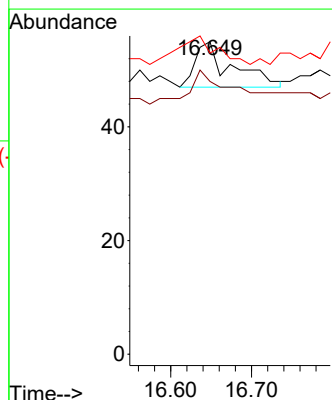
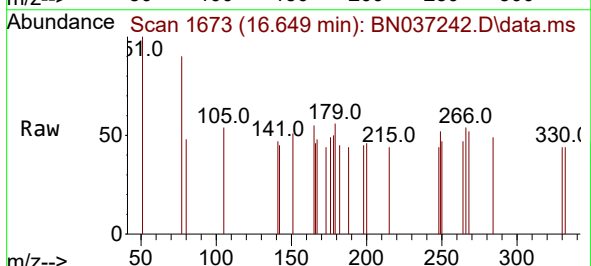
Instrument :
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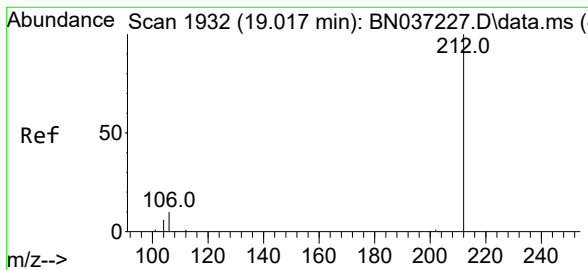
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 219.6 111.2 166.8#
105 113.0 54.0 81.0#



#24
Pentachlorophenol
Concen: 0.031 ng
RT: 16.649 min Scan# 1673
Delta R.T. 0.013 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 116.0 49.2 73.8#
268 64.0 53.4 80.2

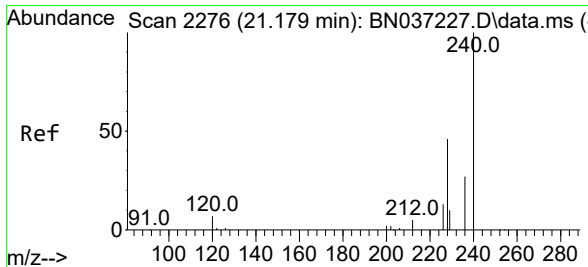
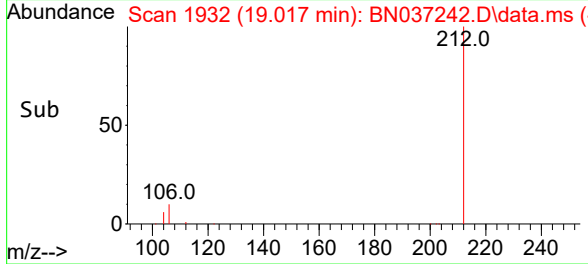
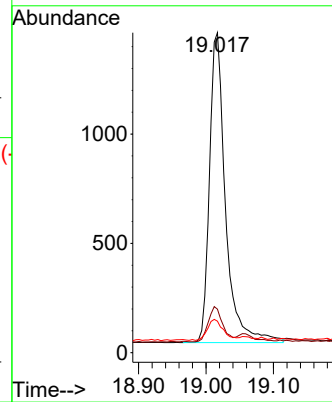
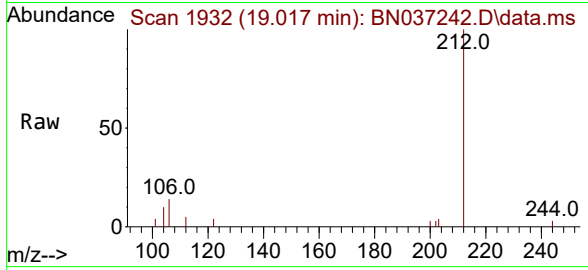




#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

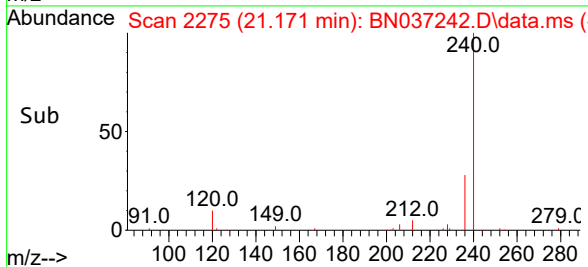
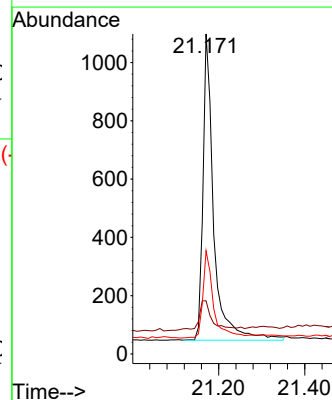
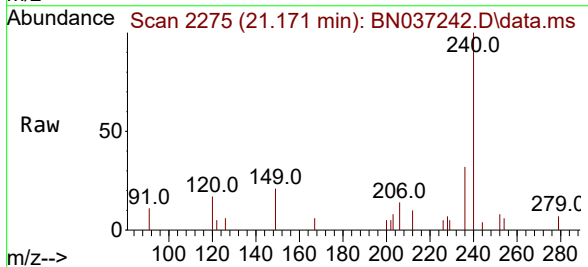
Instrument :
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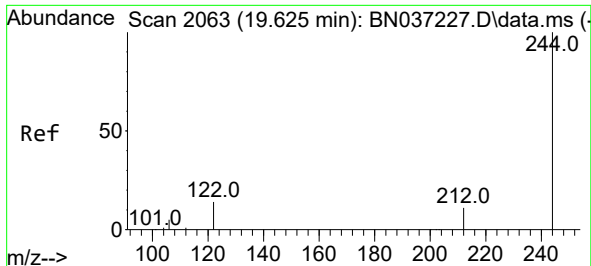
Tgt Ion:212 Resp: 2339
Ion Ratio Lower Upper
212 100
106 10.1 9.3 13.9
104 6.7 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037242.D
Acq: 14 Jun 2025 01:08

Tgt Ion:240 Resp: 1827
Ion Ratio Lower Upper
240 100
120 16.6 11.3 16.9
236 32.2 24.4 36.6

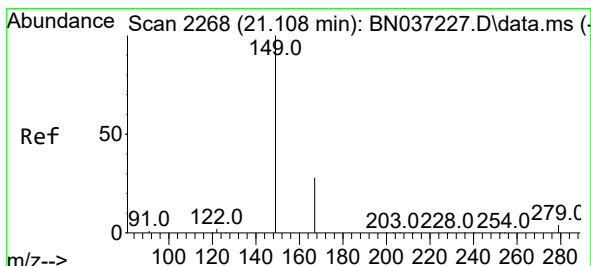
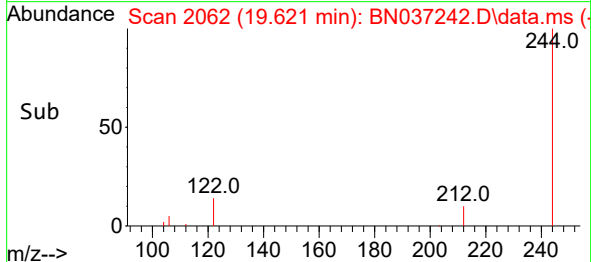
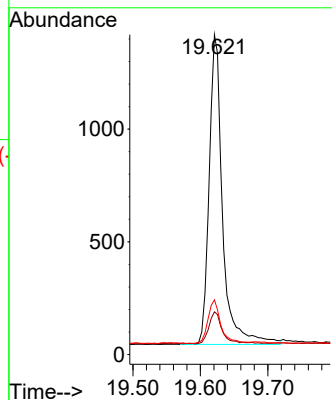
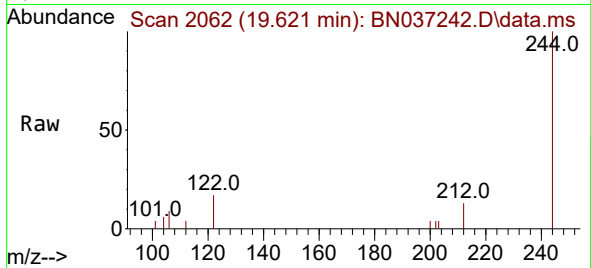




#31
 Terphenyl-d14
 Concen: 0.459 ng
 RT: 19.621 min Scan# 2063
 Delta R.T. -0.005 min
 Lab File: BN037242.D
 Acq: 14 Jun 2025 01:08

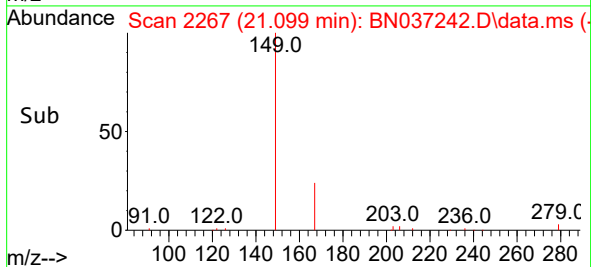
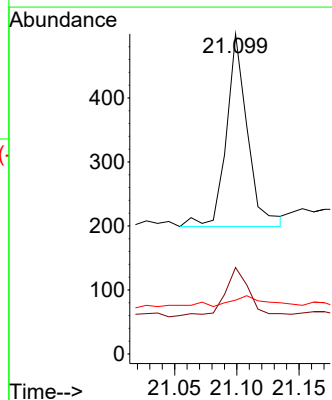
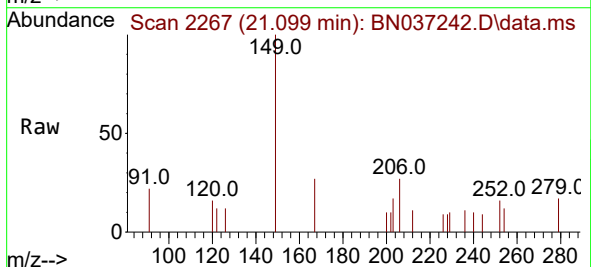
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D3-20250606

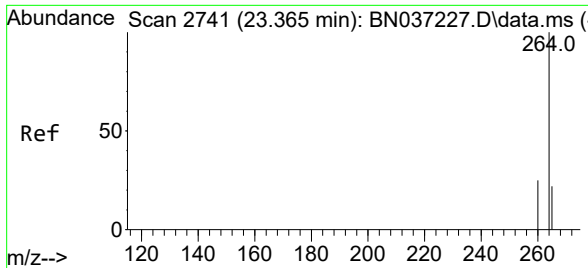
Tgt Ion:244 Resp: 1897
 Ion Ratio Lower Upper
 244 100
 212 13.4 12.2 18.2
 122 17.1 14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037242.D
 Acq: 14 Jun 2025 01:08

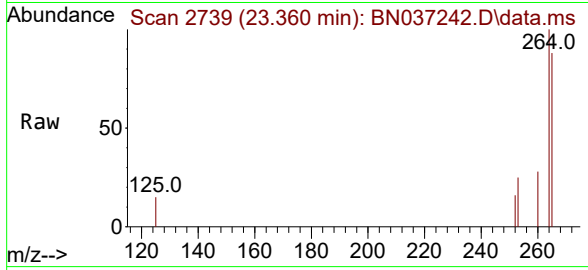
Tgt Ion:149 Resp: 356
 Ion Ratio Lower Upper
 149 100
 167 30.9 21.3 31.9
 279 9.3 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037242.D
 Acq: 14 Jun 2025 01:08

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D3-20250606



Tgt Ion:264 Resp: 1841

Ion	Ratio	Lower	Upper
264	100		
260	28.5	22.8	34.2
265	87.6	66.4	99.6

