

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037537.D
 Acq On : 22 Jul 2025 13:52
 Operator : RC/JU
 Sample : Q2643-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250717

Quant Time: Jul 22 14:49:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

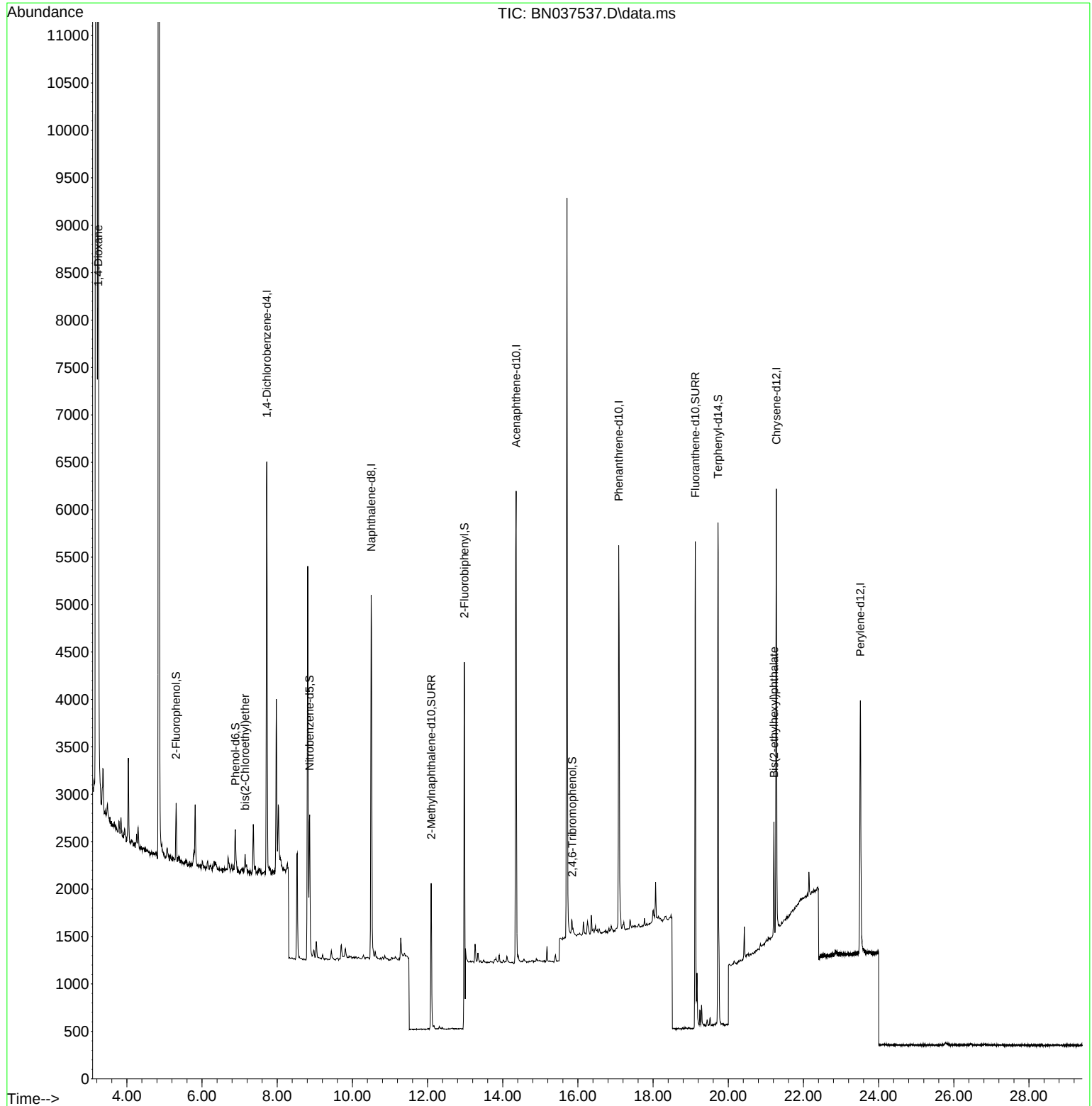
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2157	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5570	0.400	ng	#-0.01
13) Acenaphthene-d10	14.356	164	3011	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5819	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	4394	0.400	ng	0.00
35) Perylene-d12	23.513	264	3754	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	483	0.091	ng	0.00
5) Phenol-d6	6.887	99	429	0.064	ng	0.00
8) Nitrobenzene-d5	8.865	82	1293	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	2205	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	106	0.072	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	4999	0.319	ng	0.00
27) Fluoranthene-d10	19.123	212	5622	0.365	ng	0.00
31) Terphenyl-d14	19.726	244	4981	0.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	6628	3.196	ng	97
6) bis(2-Chloroethyl)ether	7.147	93	127	0.023	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.214	149	1085	0.157	ng	95

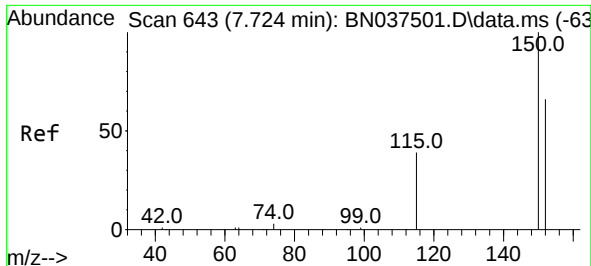
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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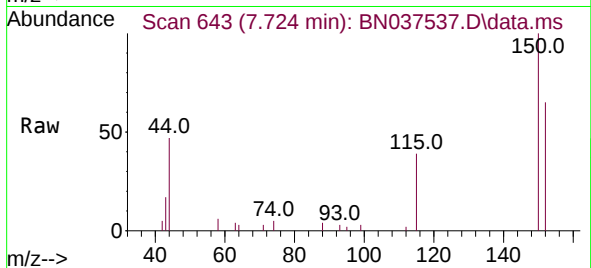
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
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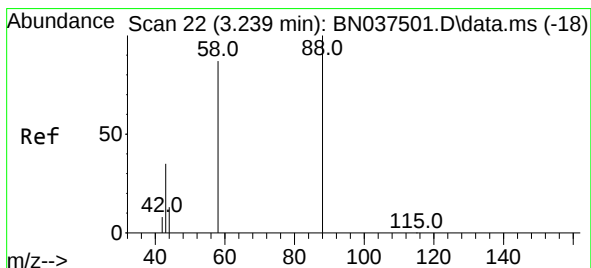
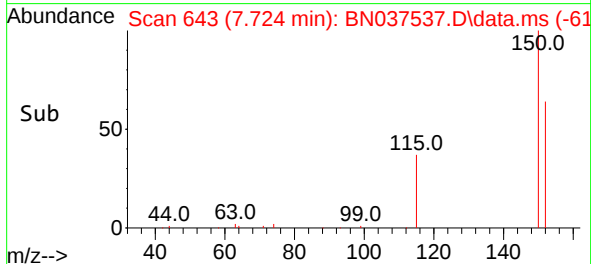
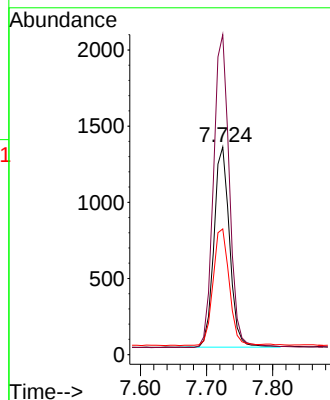


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037537.D
 Acq: 22 Jul 2025 13:52

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250717

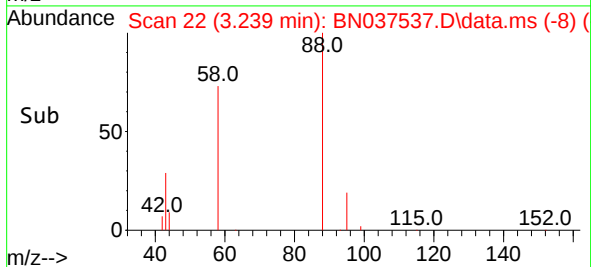
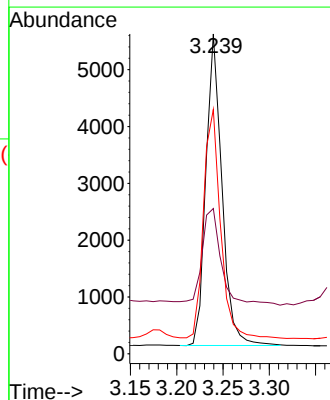
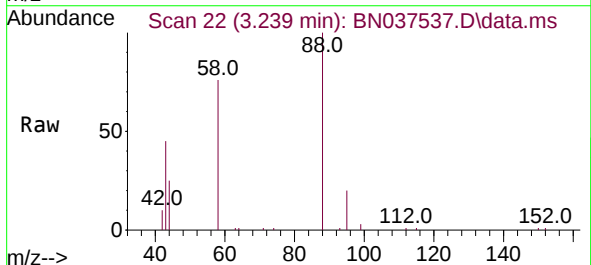


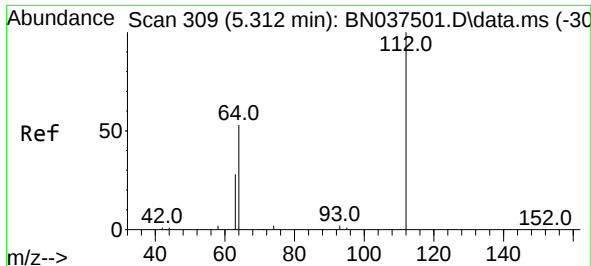
Tgt Ion:152 Resp: 2157
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.8 179.8
 115 60.5 49.1 73.7



#2
 1,4-Dioxane
 Concen: 3.196 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037537.D
 Acq: 22 Jul 2025 13:52

Tgt Ion: 88 Resp: 6628
 Ion Ratio Lower Upper
 88 100
 43 37.1 27.5 41.3
 58 76.8 62.7 94.1

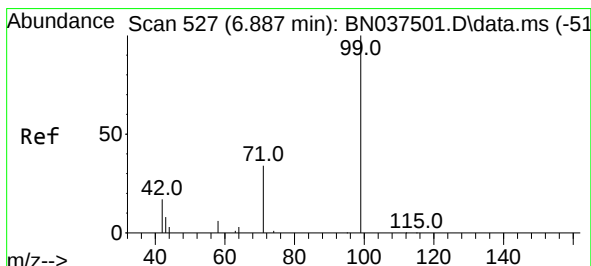
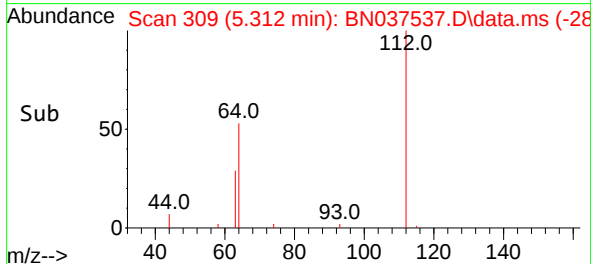
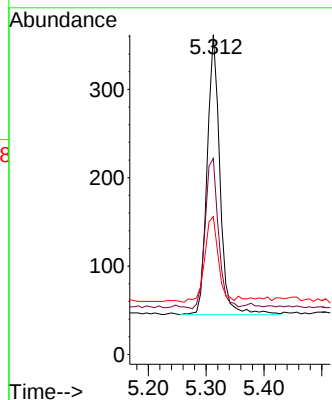
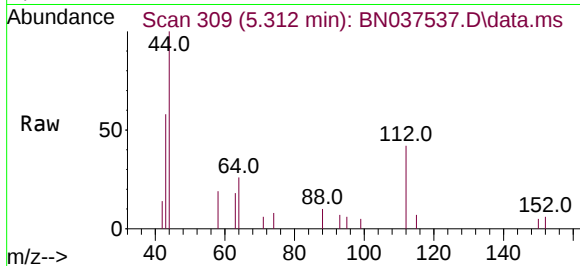




#4
2-Fluorophenol
Concen: 0.091 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

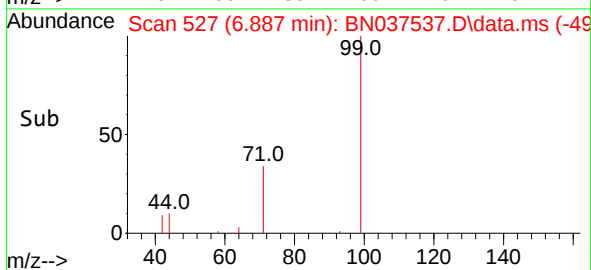
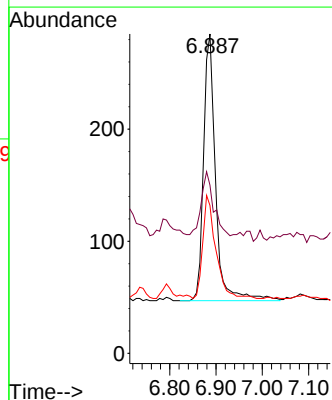
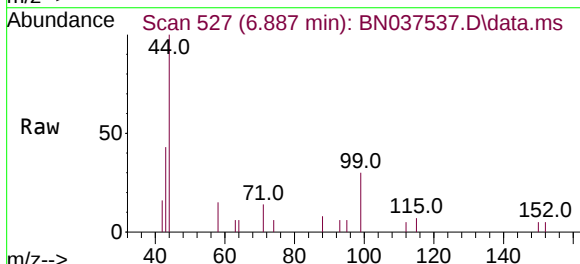
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250717

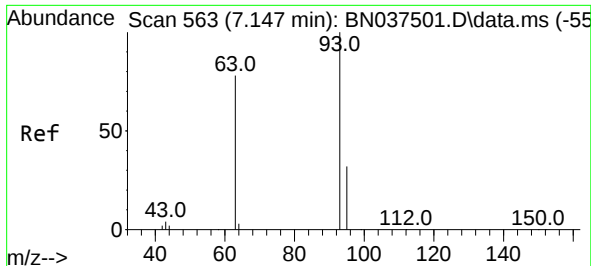
Tgt Ion:112 Resp: 483
Ion Ratio Lower Upper
112 100
64 55.9 45.1 67.7
63 32.7 23.8 35.8



#5
Phenol-d6
Concen: 0.064 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Tgt Ion: 99 Resp: 429
Ion Ratio Lower Upper
99 100
42 24.2 17.1 25.7
71 41.3 27.8 41.8

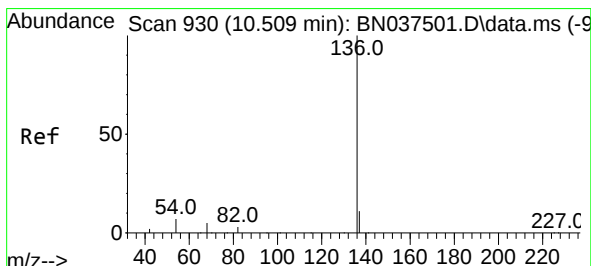
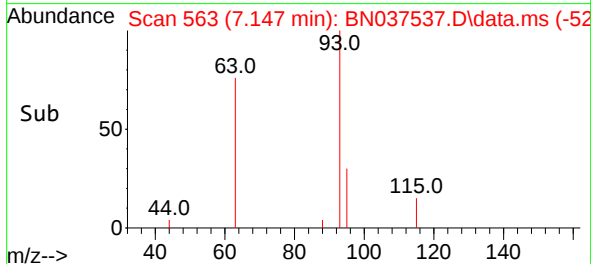
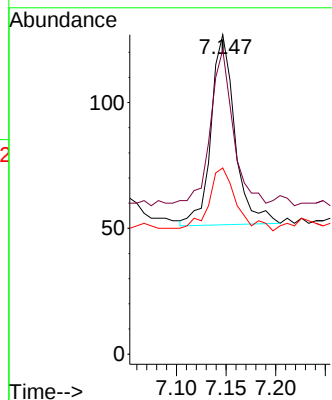
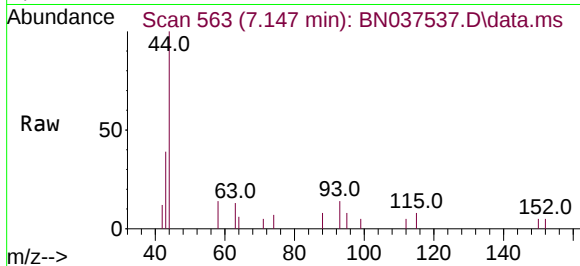




#6
bis(2-Chloroethyl)ether
Concen: 0.023 ng
RT: 7.147 min Scan# 563
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

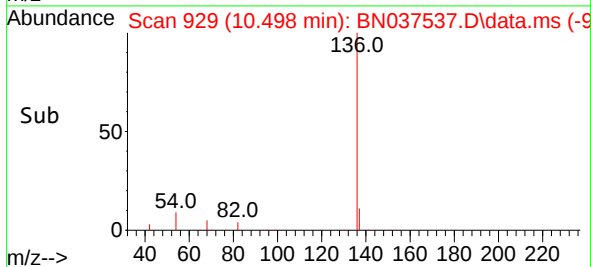
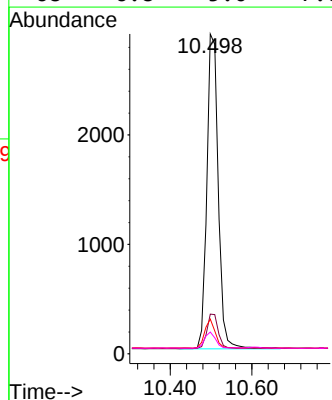
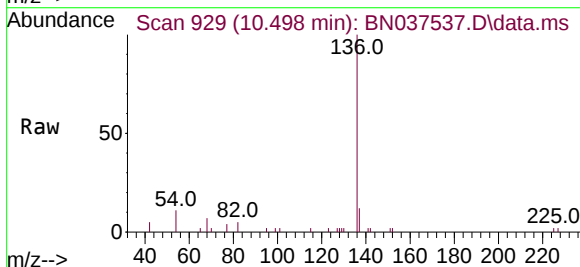
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250717

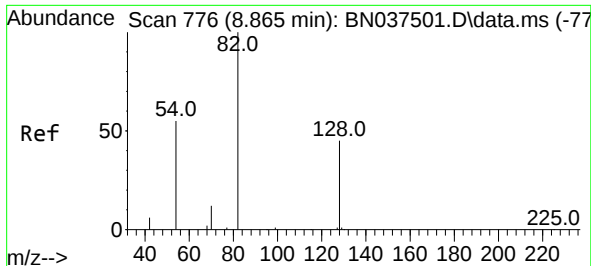
Tgt Ion: 93 Resp: 127
Ion Ratio Lower Upper
93 100
63 81.1 58.2 87.4
95 38.6 25.3 37.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Tgt Ion: 136 Resp: 5570
Ion Ratio Lower Upper
136 100
137 12.4 9.8 14.8
54 10.9 6.6 9.8#
68 6.8 5.0 7.6

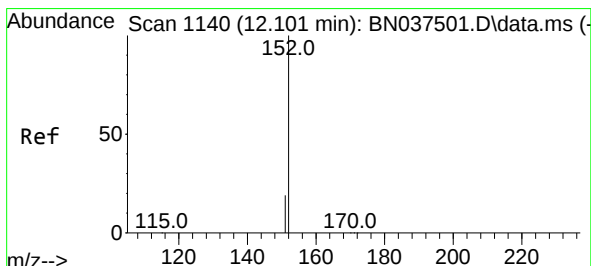
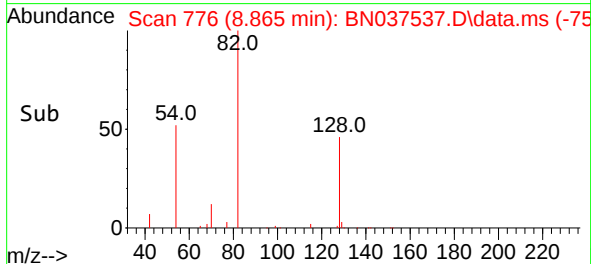
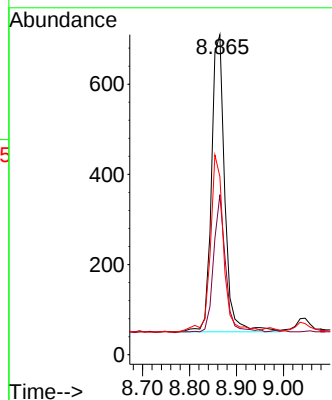
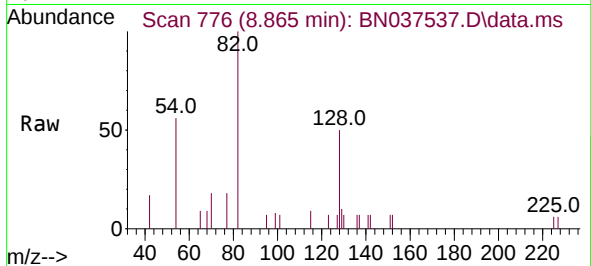




#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.865 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

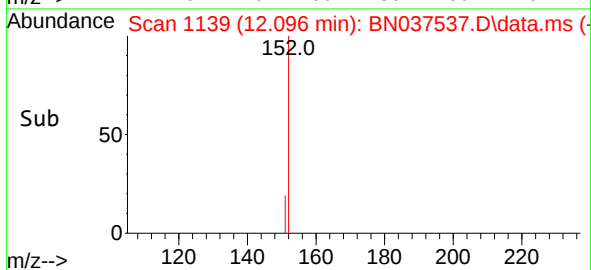
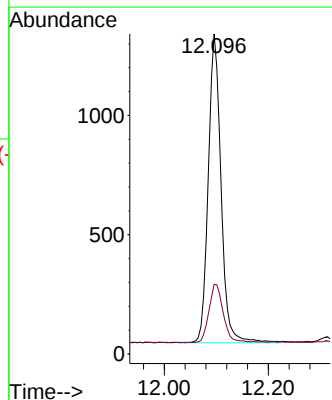
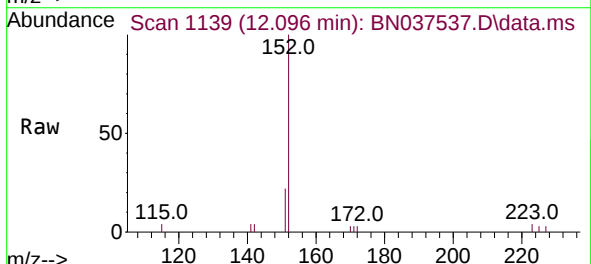
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250717

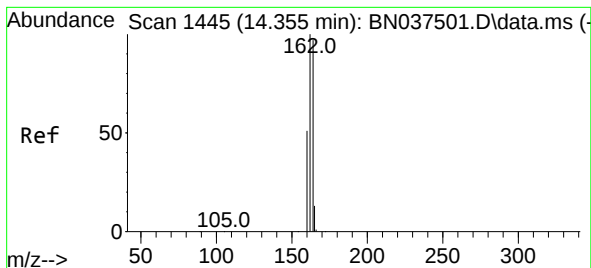
Tgt Ion: 82 Resp: 1293
Ion Ratio Lower Upper
82 100
128 50.0 37.5 56.3
54 55.6 45.3 67.9



#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.096 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Tgt Ion: 152 Resp: 2205
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.356 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BN037537.D

Acq: 22 Jul 2025 13:52

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250717

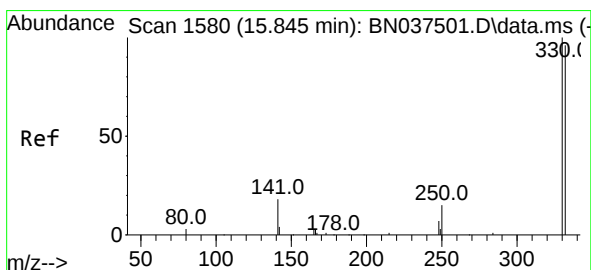
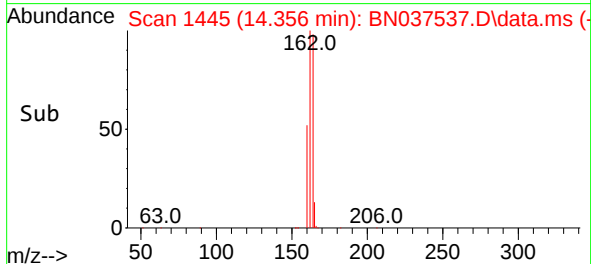
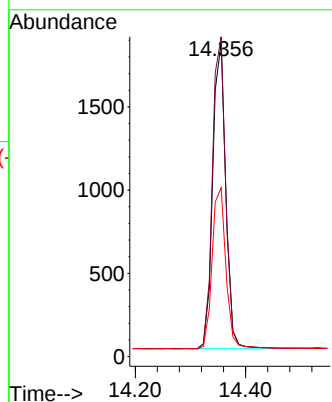
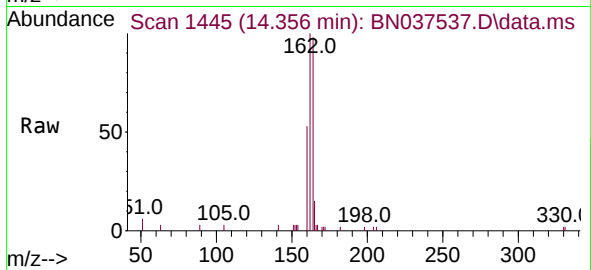
Tgt Ion:164 Resp: 3011

Ion Ratio Lower Upper

164 100

162 101.9 82.0 123.0

160 53.8 42.4 63.6



#14

2,4,6-Tribromophenol

Concen: 0.072 ng

RT: 15.845 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BN037537.D

Acq: 22 Jul 2025 13:52

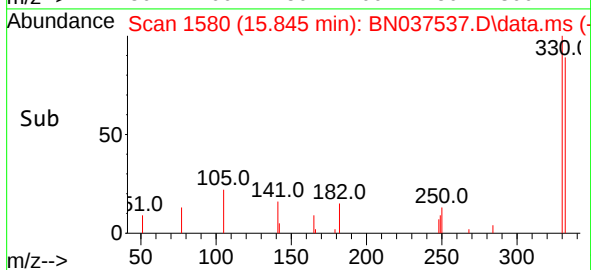
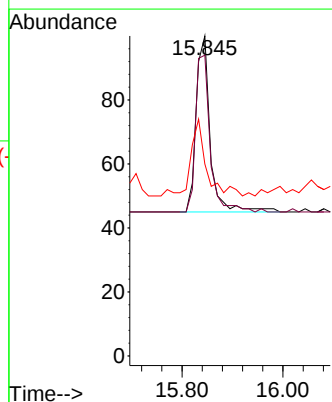
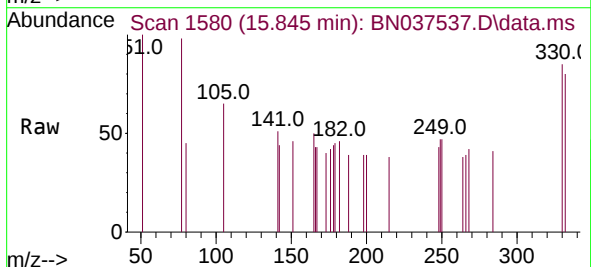
Tgt Ion:330 Resp: 106

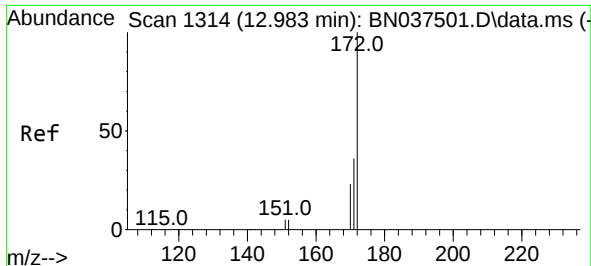
Ion Ratio Lower Upper

330 100

332 92.5 76.1 114.1

141 49.1 33.4 50.0

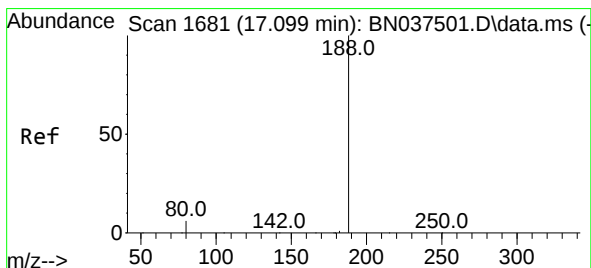
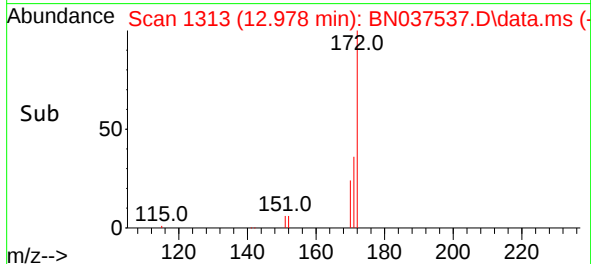
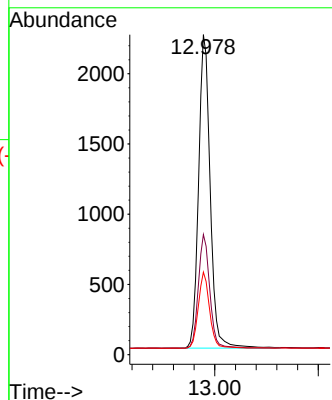
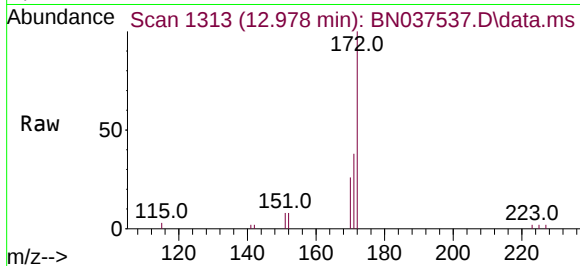




#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.978 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

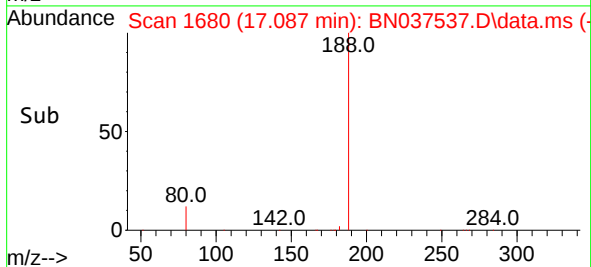
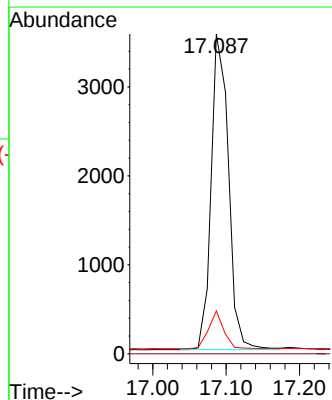
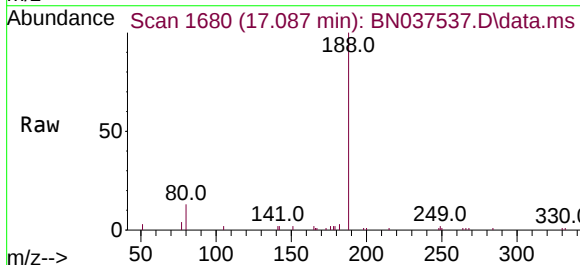
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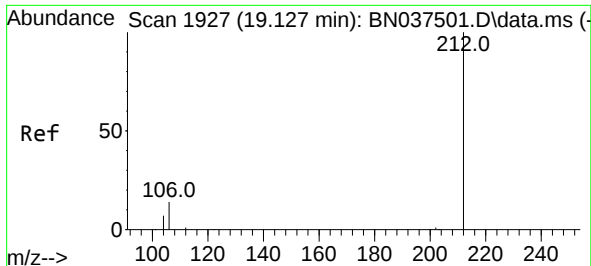
Tgt Ion:	172	Resp:	4999
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.4	44.2
170	25.8	19.4	29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

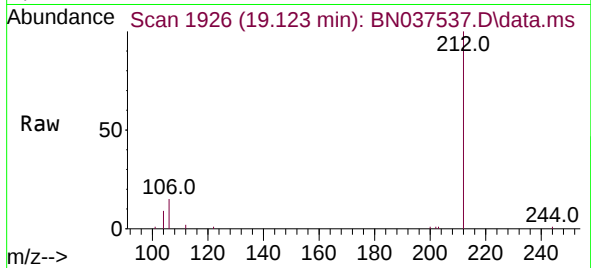
Tgt Ion:	188	Resp:	5819
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.4	6.0	9.0



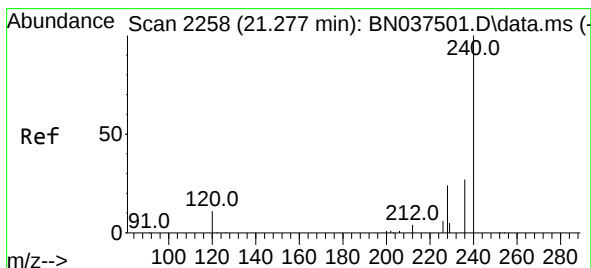
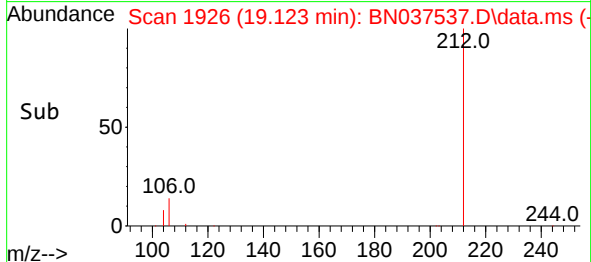
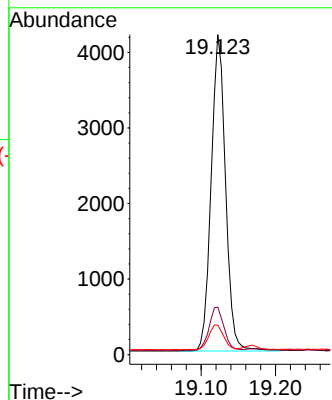


#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.123 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Instrument :
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ClientSampleId :
RW7-SP100-20250717

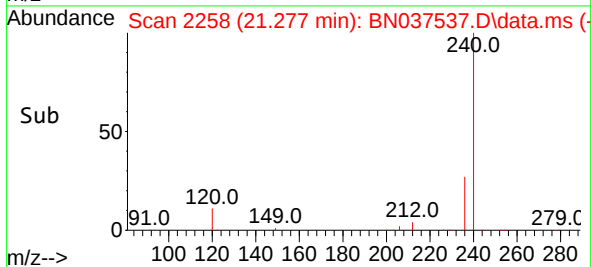
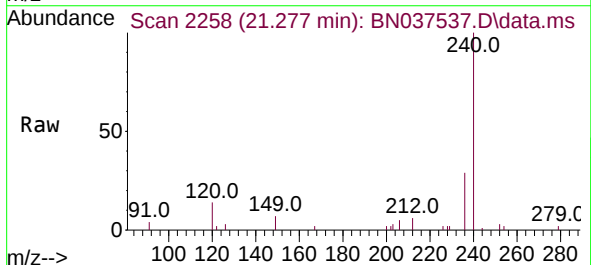
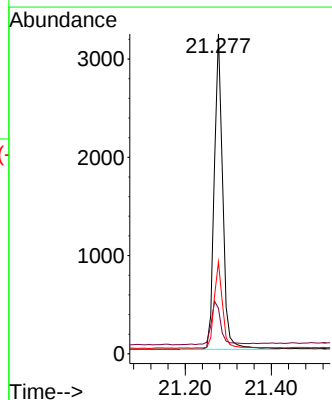


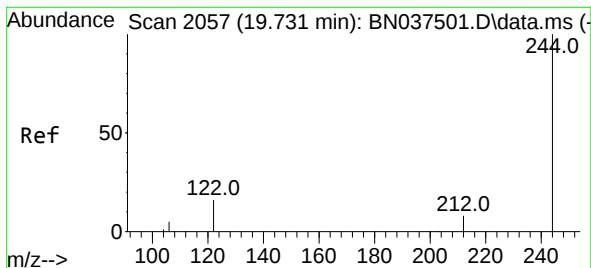
Tgt Ion:212 Resp: 5622
Ion Ratio Lower Upper
212 100
106 14.2 12.2 18.4
104 8.1 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN037537.D
Acq: 22 Jul 2025 13:52

Tgt Ion:240 Resp: 4394
Ion Ratio Lower Upper
240 100
120 14.2 10.7 16.1
236 28.7 22.6 33.8





#31

Terphenyl-d14

Concen: 0.528 ng

RT: 19.726 min Scan# 2056

Delta R.T. -0.005 min

Lab File: BN037537.D

Acq: 22 Jul 2025 13:52

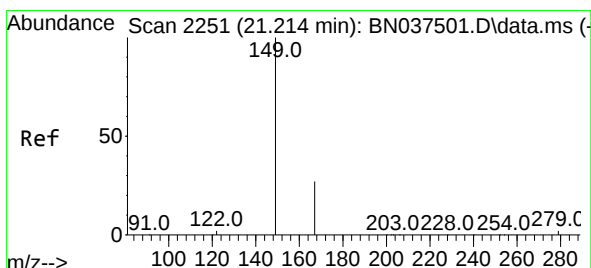
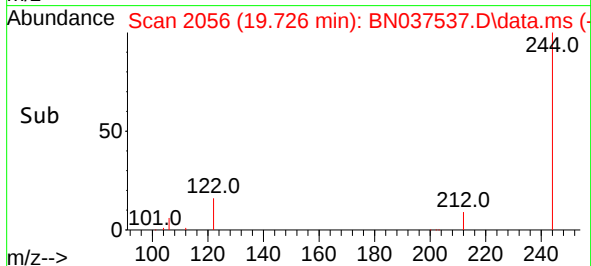
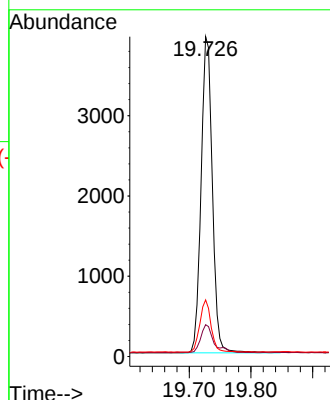
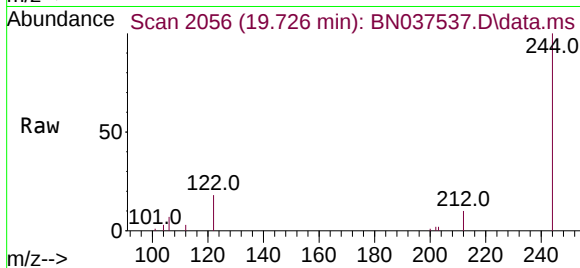
Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250717

Tgt Ion:244	Resp:	4981
Ion Ratio	Lower	Upper
244	100	
212	10.0	7.4 11.2
122	17.7	13.6 20.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.157 ng

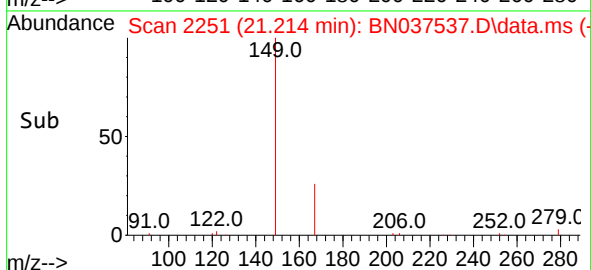
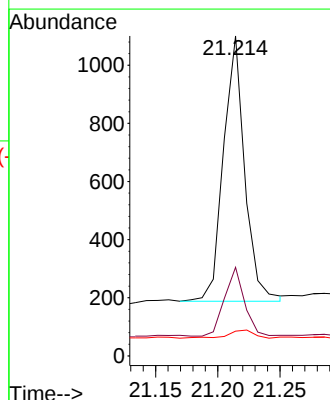
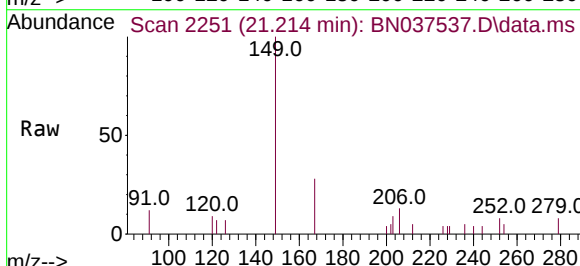
RT: 21.214 min Scan# 2251

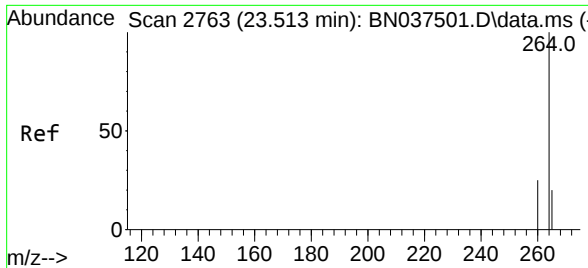
Delta R.T. 0.000 min

Lab File: BN037537.D

Acq: 22 Jul 2025 13:52

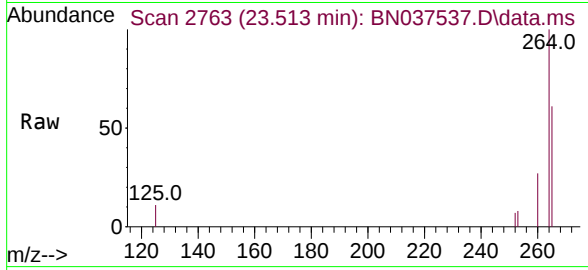
Tgt Ion:149	Resp:	1085
Ion Ratio	Lower	Upper
149	100	
167	24.2	21.8 32.8
279	3.6	3.0 4.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037537.D
 Acq: 22 Jul 2025 13:52

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250717



Tgt Ion:264 Resp: 3754

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.2	31.8
265	61.4	40.4	60.6#

