

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073025\
 Data File : BN037554.D
 Acq On : 30 Jul 2025 13:16
 Operator : RC/JU
 Sample : Q2697-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250724

Quant Time: Jul 30 13:36:59 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)

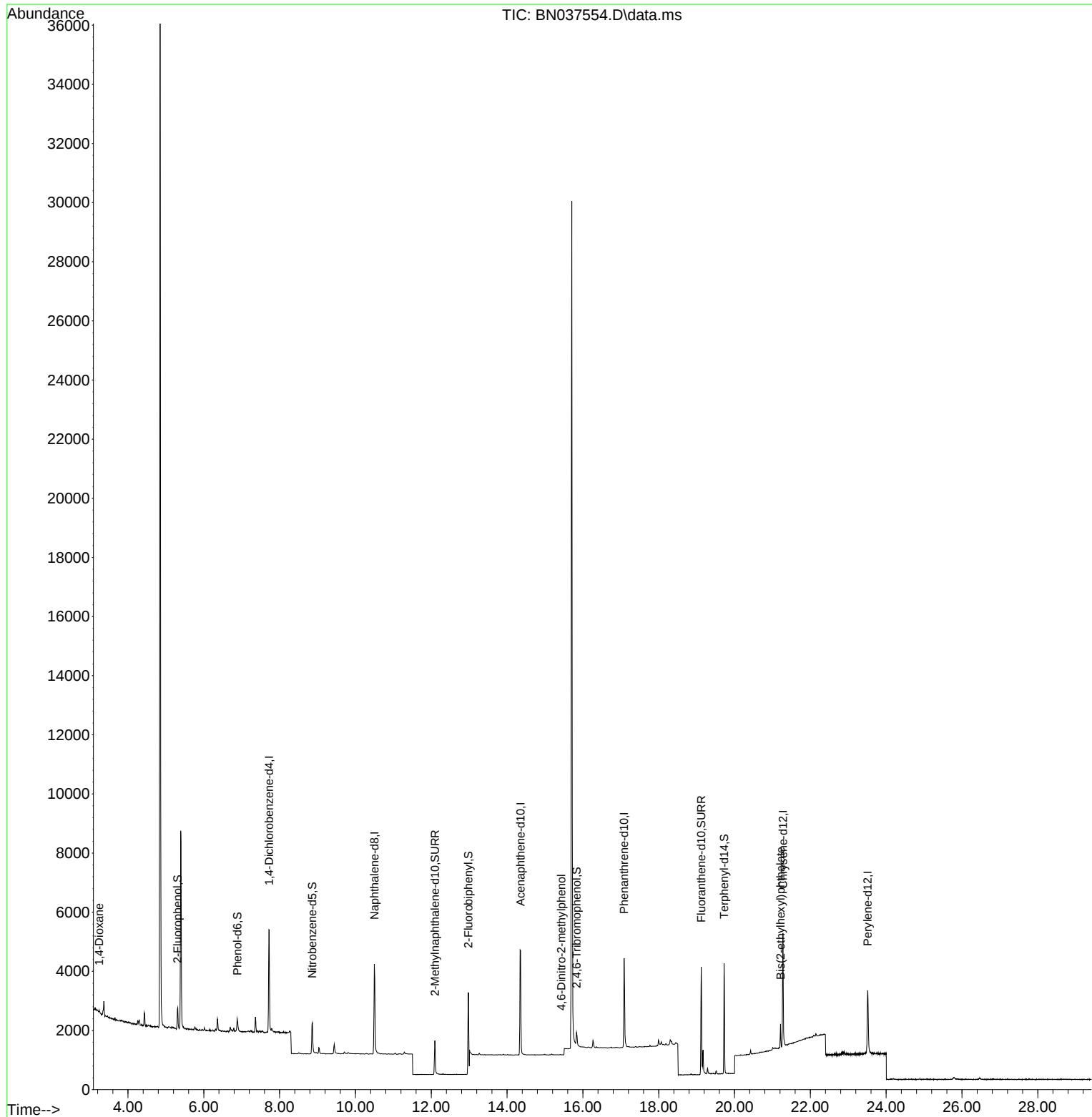
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1819	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4480	0.400	ng	#-0.01
13) Acenaphthene-d10	14.355	164	2281	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4415	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3551	0.400	ng	0.00
35) Perylene-d12	23.513	264	3007	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	577	0.128	ng	0.00
5) Phenol-d6	6.887	99	391	0.069	ng	0.00
8) Nitrobenzene-d5	8.865	82	997	0.298	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	1729	0.269	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	273	0.243	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3851	0.325	ng	0.00
27) Fluoranthene-d10	19.122	212	4165	0.356	ng	0.00
31) Terphenyl-d14	19.726	244	3449	0.452	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.239	88	53	0.030	ng	# 62
20) 4,6-Dinitro-2-methylph...	15.435	198	1	0.095	ng	# 27
34) Bis(2-ethylhexyl)phtha...	21.214	149	745	0.133	ng	# 96

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

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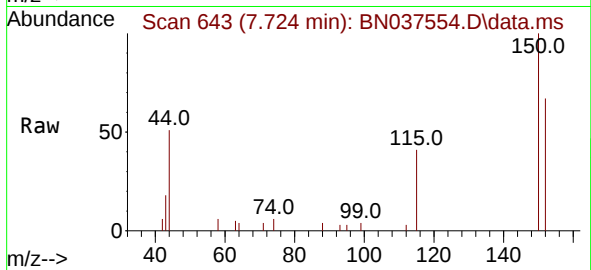
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



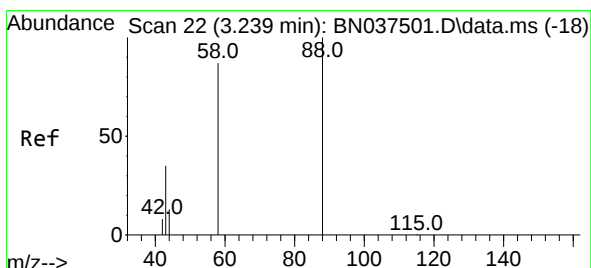
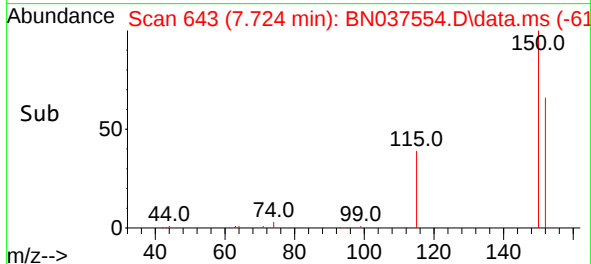
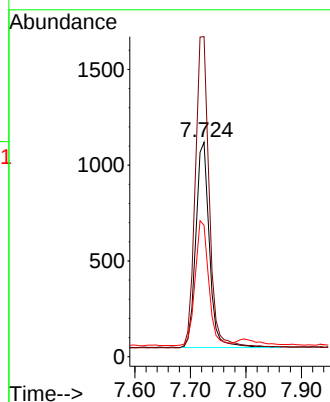


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037554.D
 Acq: 30 Jul 2025 13:16

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250724

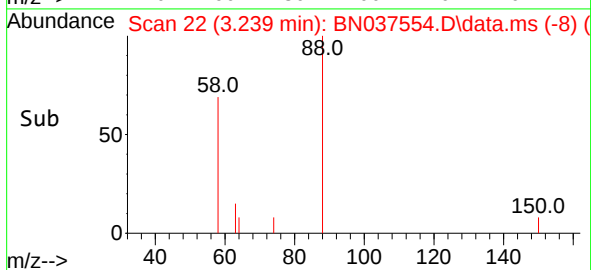
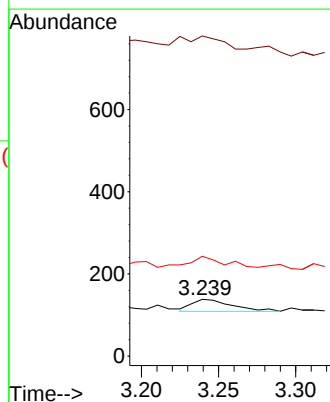
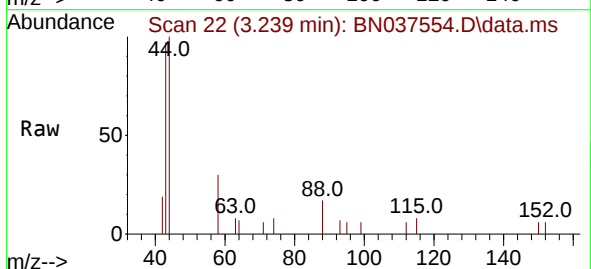


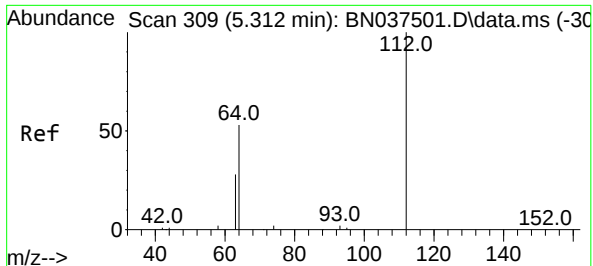
Tgt Ion:152 Resp: 1819
 Ion Ratio Lower Upper
 152 100
 150 149.2 119.8 179.8
 115 61.2 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN037554.D
 Acq: 30 Jul 2025 13:16

Tgt Ion: 88 Resp: 53
 Ion Ratio Lower Upper
 88 100
 43 101.9 27.5 41.3#
 58 81.1 62.7 94.1

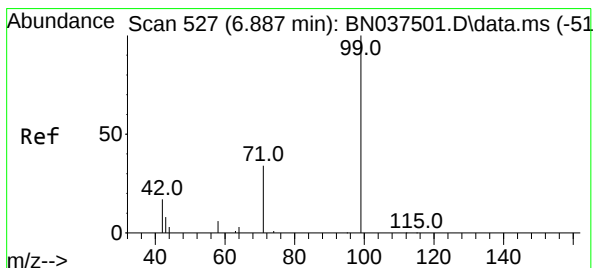
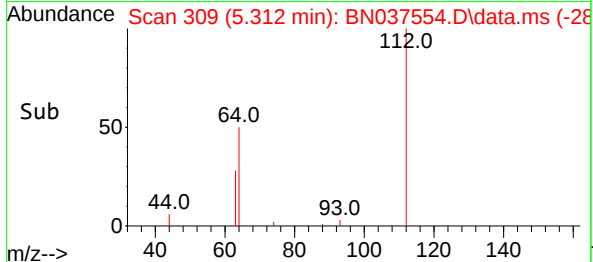
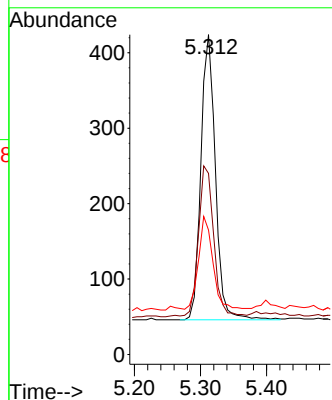
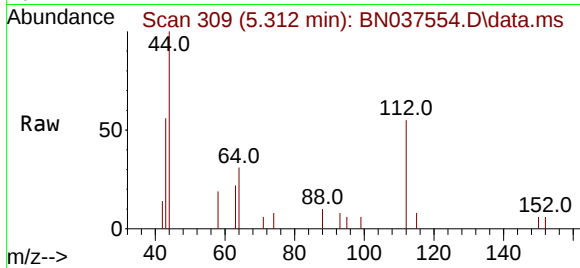




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

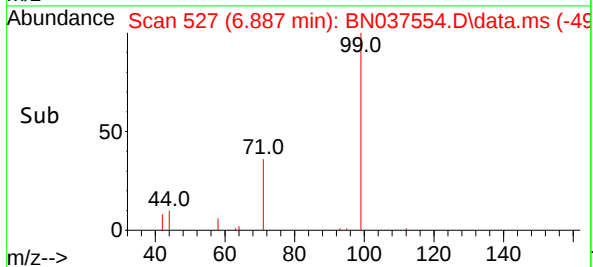
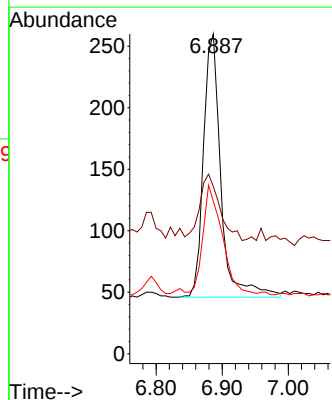
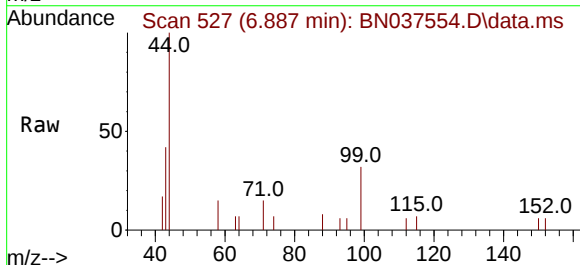
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250724

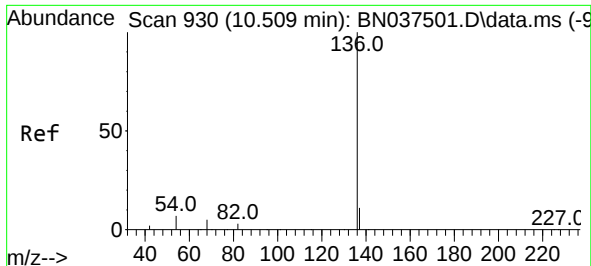
Tgt Ion:	112	Resp:	577
Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.1	67.7
63	32.8	23.8	35.8



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

Tgt Ion:	99	Resp:	391
Ion	Ratio	Lower	Upper
99	100		
42	27.6	17.1	25.7#
71	44.5	27.8	41.8#

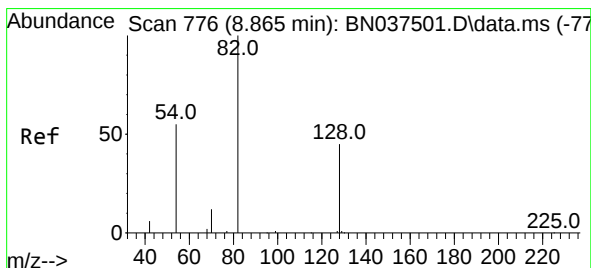
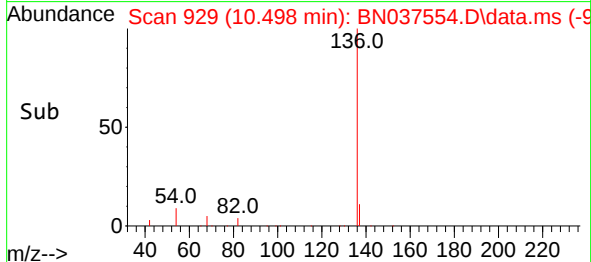
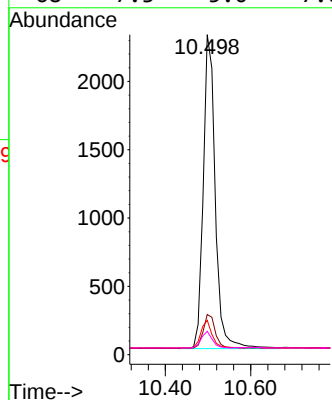
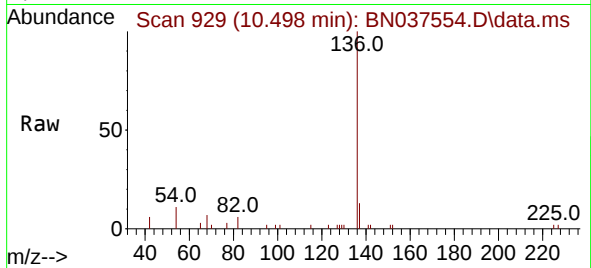




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

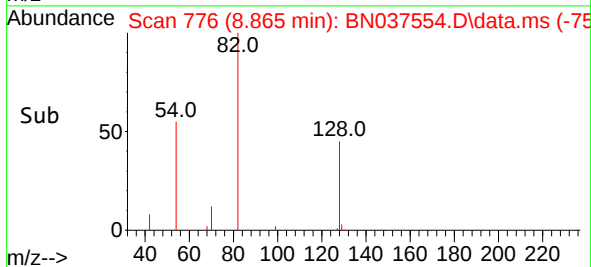
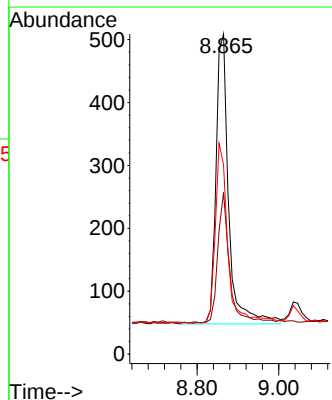
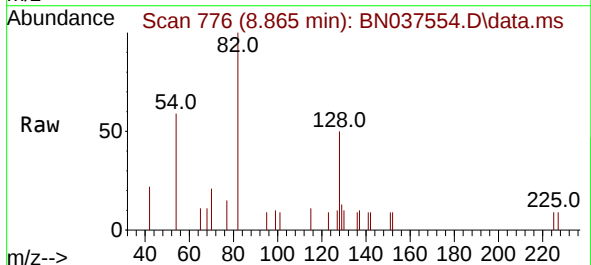
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250724

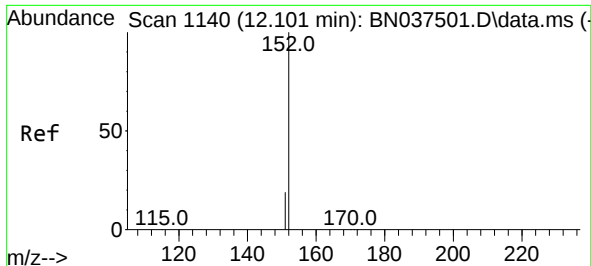
Tgt Ion:136	Resp:	4480
Ion Ratio	Lower	Upper
136	100	
137	12.6	9.8 14.8
54	10.8	6.6 9.8#
68	7.3	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

Tgt Ion: 82	Resp:	997
Ion Ratio	Lower	Upper
82	100	
128	50.5	37.5 56.3
54	59.1	45.3 67.9

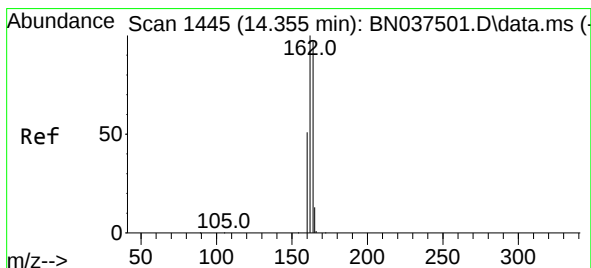
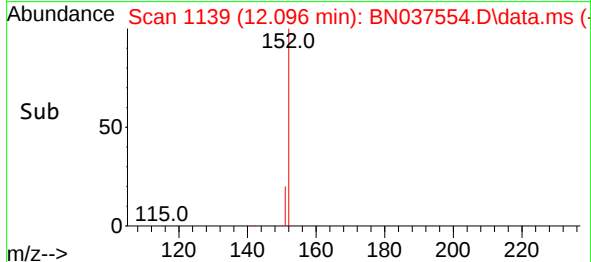
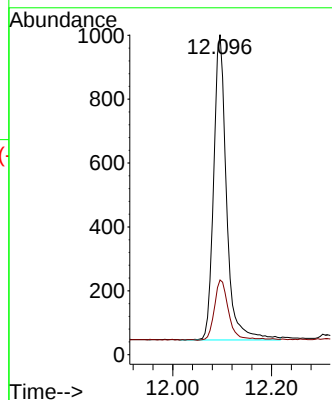
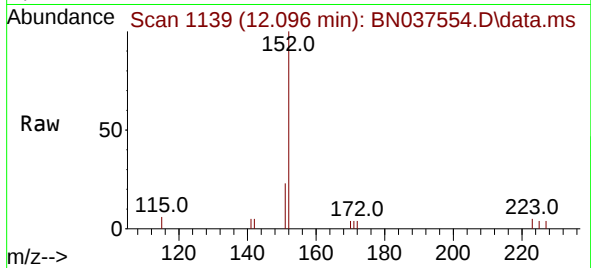




#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.096 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

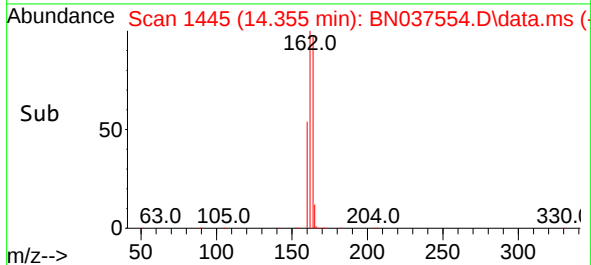
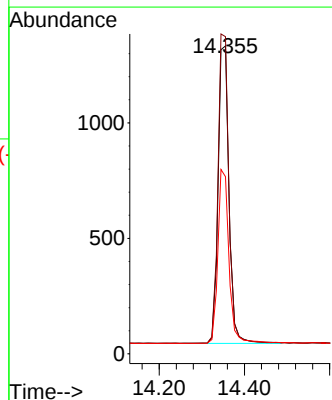
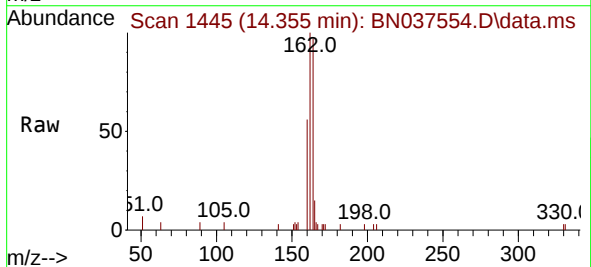
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250724

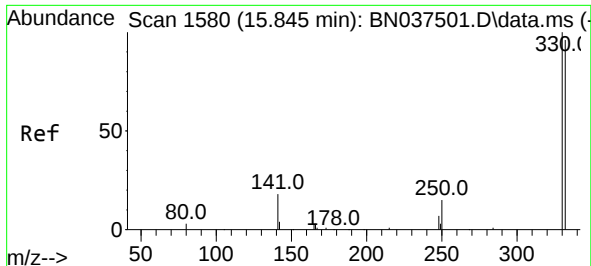
Tgt Ion:152 Resp: 1729
Ion Ratio Lower Upper
152 100
151 21.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

Tgt Ion:164 Resp: 2281
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 57.5 42.4 63.6

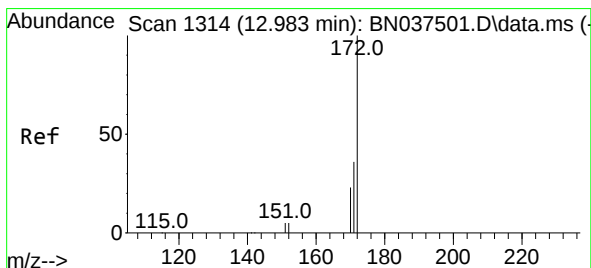
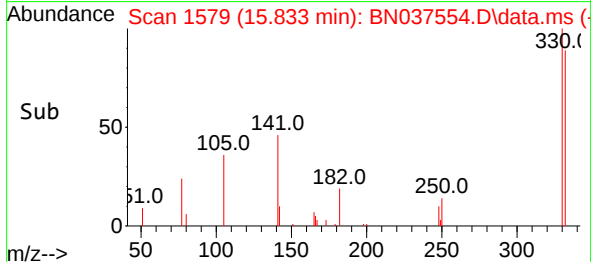
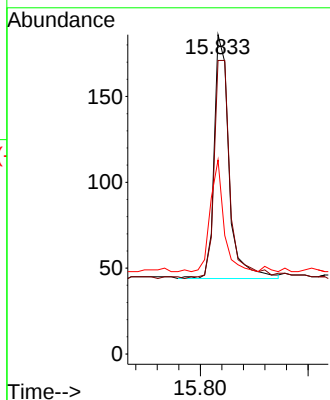
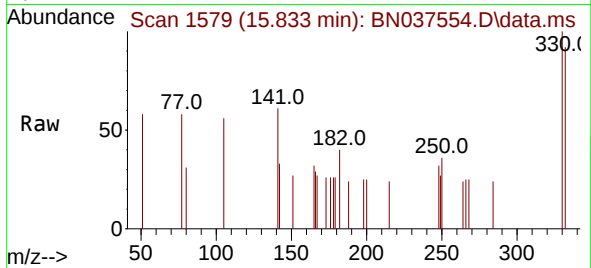




#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

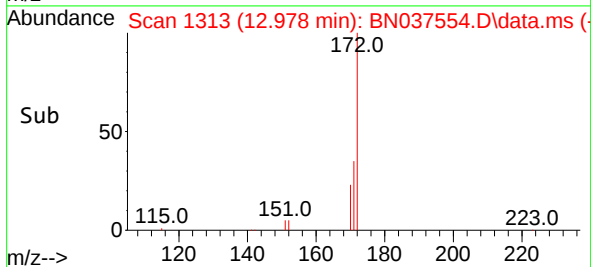
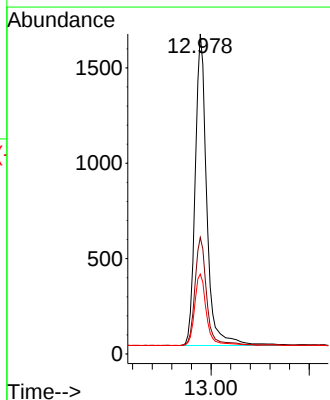
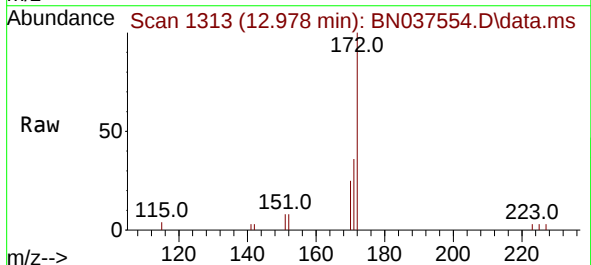
Instrument :
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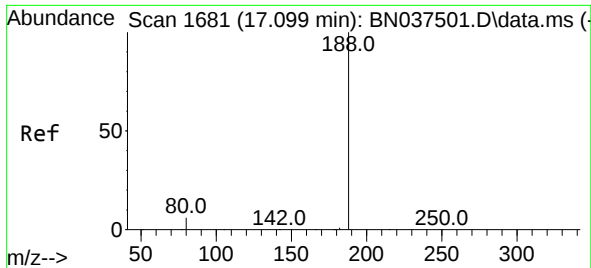
Tgt Ion:330 Resp: 273
Ion Ratio Lower Upper
330 100
332 98.9 76.1 114.1
141 41.4 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

Tgt Ion:172 Resp: 3851
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.2
170 25.0 19.4 29.0

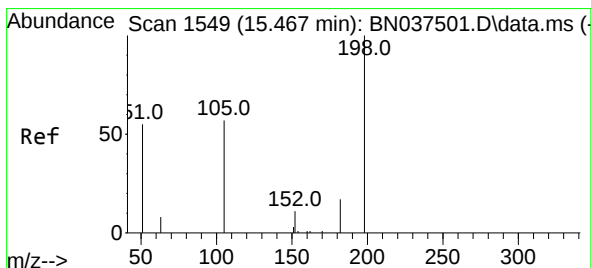
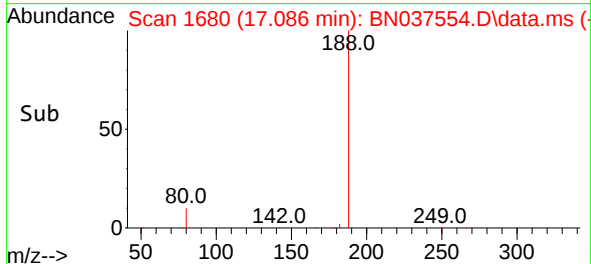
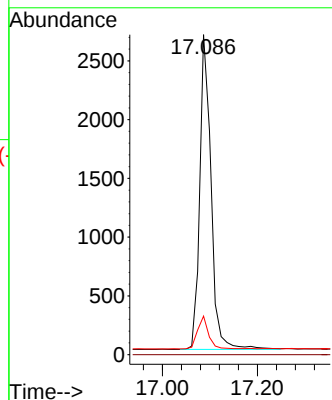
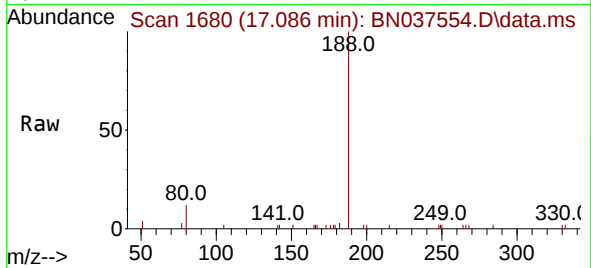




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

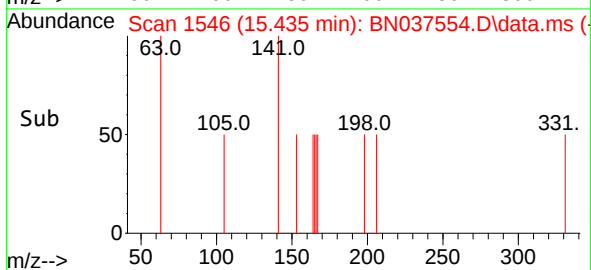
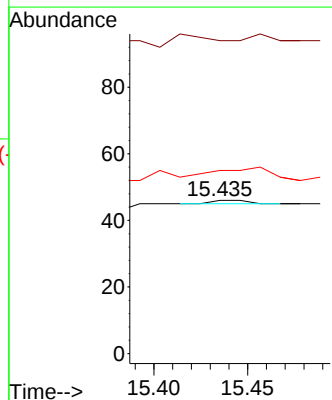
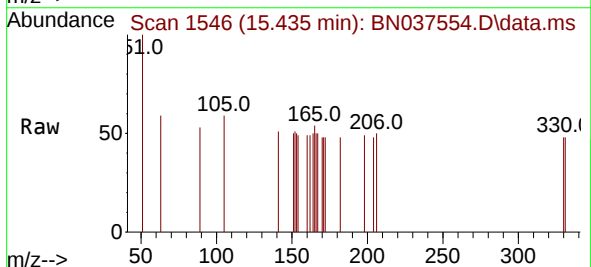
Instrument :
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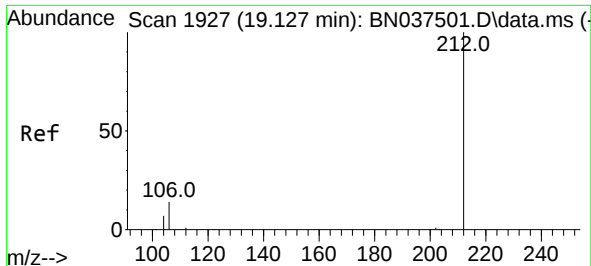
Tgt Ion:188 Resp: 4415
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 6.0 9.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.032 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

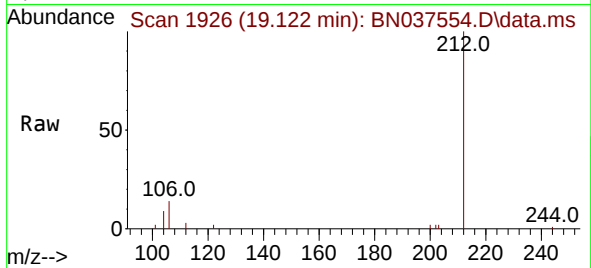
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 204.3 88.5 132.7#
105 119.6 61.2 91.8#



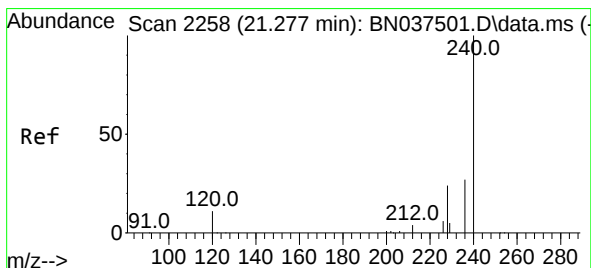
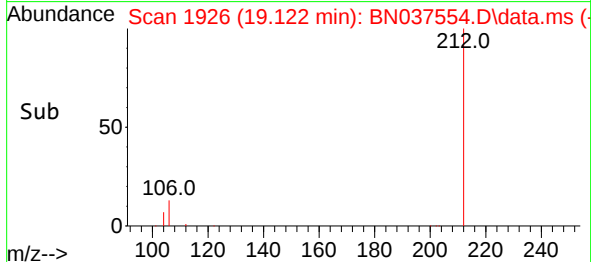
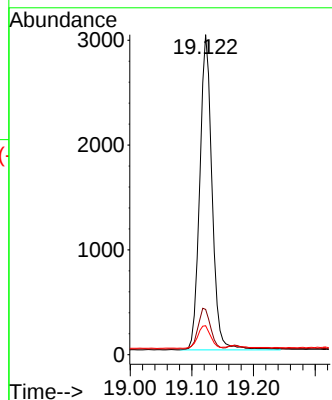


#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

Instrument :
BNA_N
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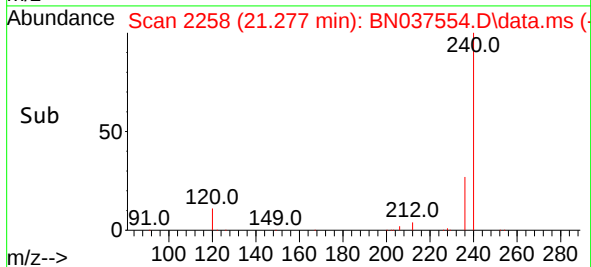
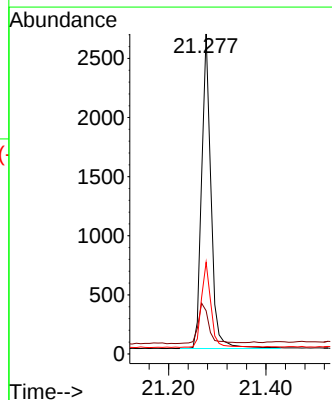
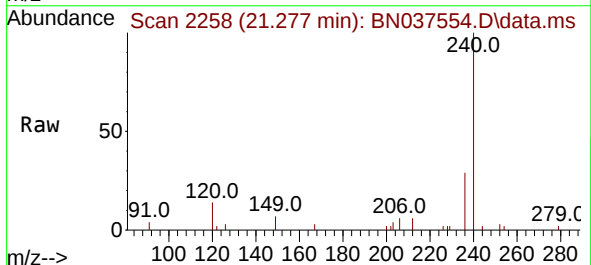


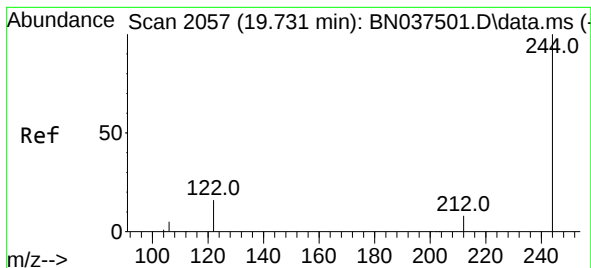
Tgt Ion:212 Resp: 4165
Ion Ratio Lower Upper
212 100
106 13.2 12.2 18.4
104 7.5 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BN037554.D
Acq: 30 Jul 2025 13:16

Tgt Ion:240 Resp: 3551
Ion Ratio Lower Upper
240 100
120 13.5 10.7 16.1
236 28.7 22.6 33.8





#31

Terphenyl-d14

Concen: 0.452 ng

RT: 19.726 min Scan# 2056

Delta R.T. -0.005 min

Lab File: BN037554.D

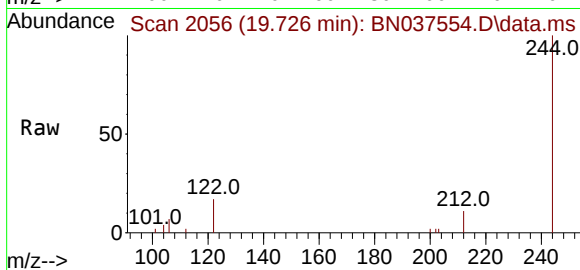
Acq: 30 Jul 2025 13:16

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250724



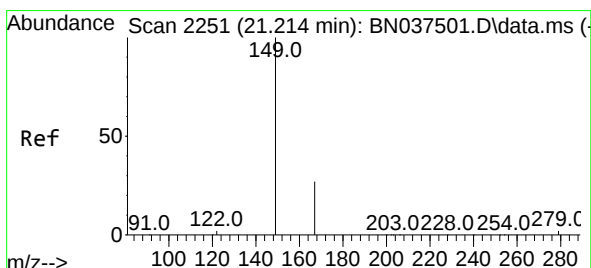
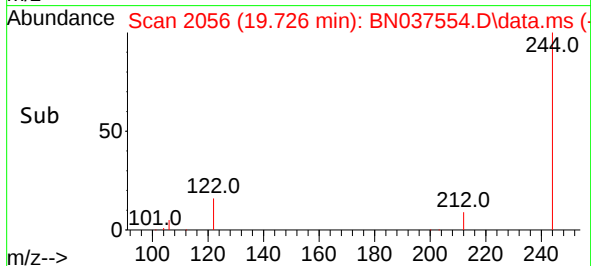
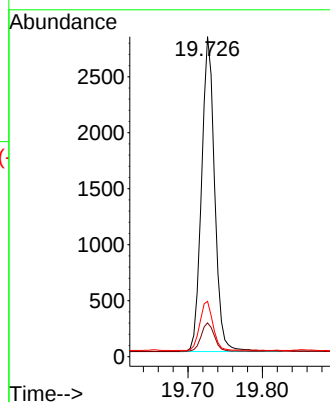
Tgt Ion:244 Resp: 3449

Ion Ratio Lower Upper

244 100

212 10.5 7.4 11.2

122 17.3 13.6 20.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.133 ng

RT: 21.214 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BN037554.D

Acq: 30 Jul 2025 13:16

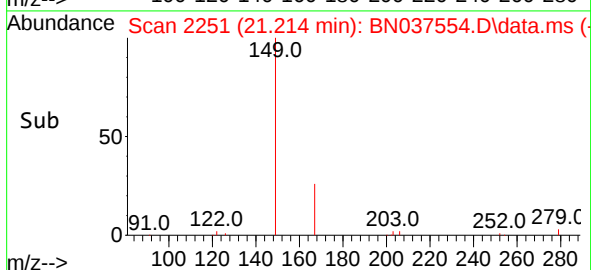
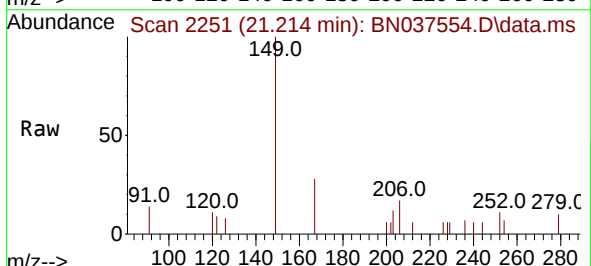
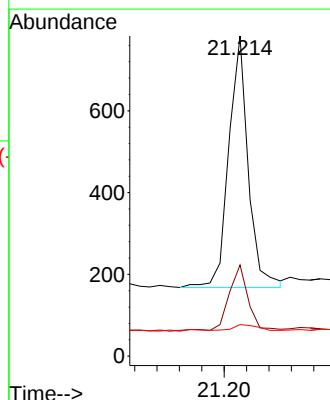
Tgt Ion:149 Resp: 745

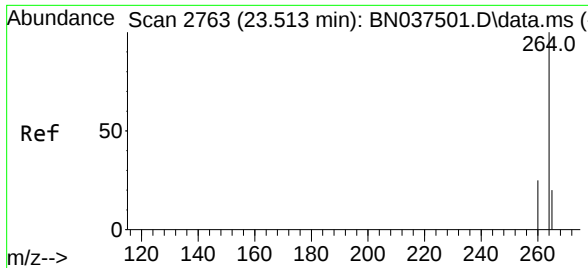
Ion Ratio Lower Upper

149 100

167 25.0 21.8 32.8

279 3.0 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: BN037554.D
Acq: 30 Jul 2025 13:16

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250724

Tgt Ion:264 Resp: 3007

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.2	31.8
265	66.0	40.4	60.6#

