

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
 Data File : BN037565.D
 Acq On : 05 Aug 2025 13:11
 Operator : RC/JU
 Sample : Q2746-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250731

Quant Time: Aug 06 01:39:22 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)

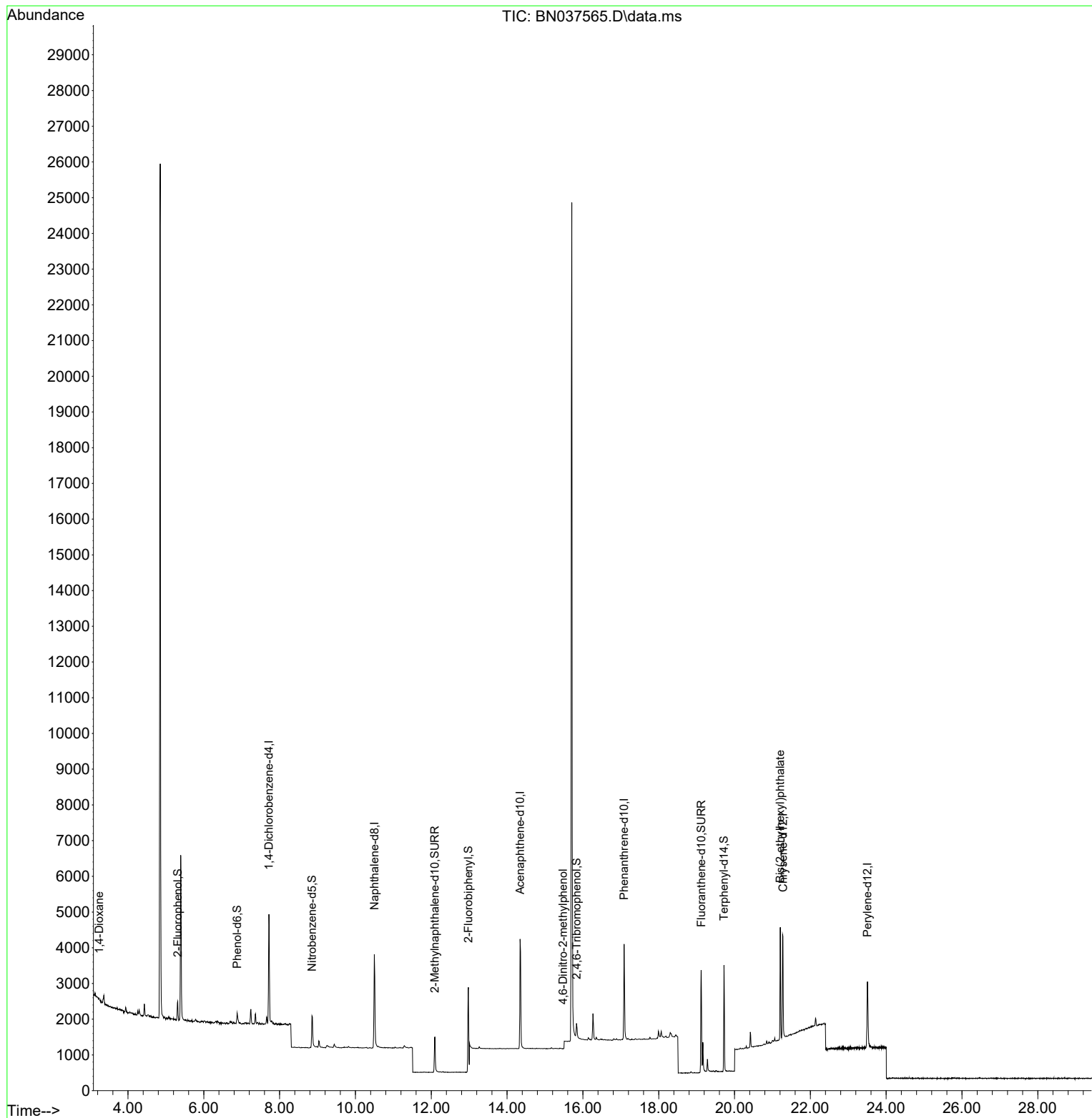
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1563	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	3777	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	1847	0.400	ng	-0.01
19) Phenanthrene-d10	17.087	188	3668	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3062	0.400	ng	0.00
35) Perylene-d12	23.508	264	2537	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	407	0.105	ng	0.00
5) Phenol-d6	6.880	99	250	0.052	ng	0.00
8) Nitrobenzene-d5	8.854	82	864	0.306	ng	-0.01
11) 2-Methylnaphthalene-d10	12.091	152	1516	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	244	0.269	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3267	0.340	ng	0.00
27) Fluoranthene-d10	19.123	212	3436	0.354	ng	0.00
31) Terphenyl-d14	19.722	244	2870	0.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	34	0.023	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.095	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.205	149	2840	0.589	ng	97

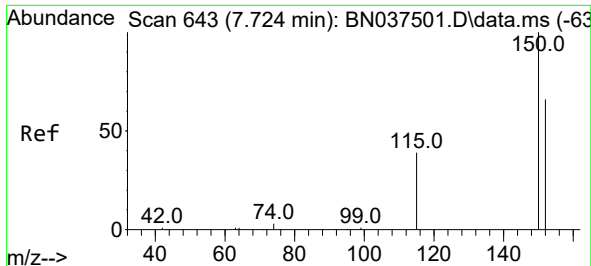
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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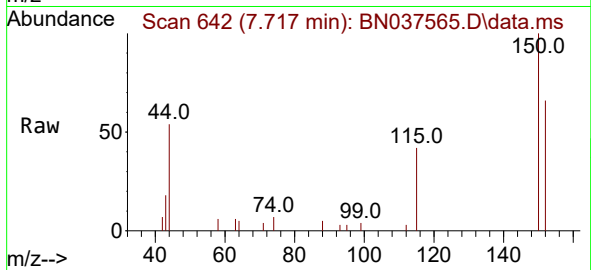
Quant Time: Aug 06 01:39:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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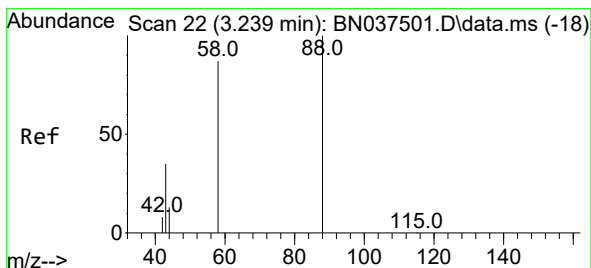
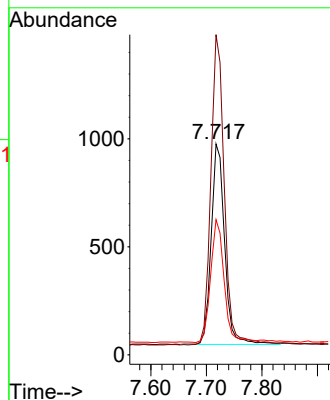
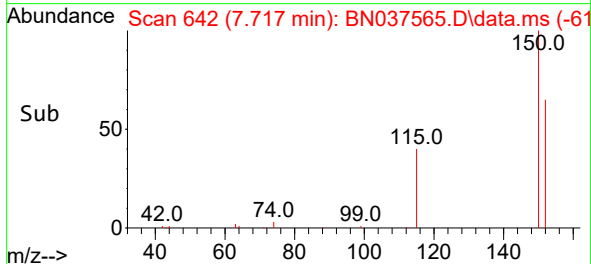


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037565.D
 Acq: 05 Aug 2025 13:11

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250731

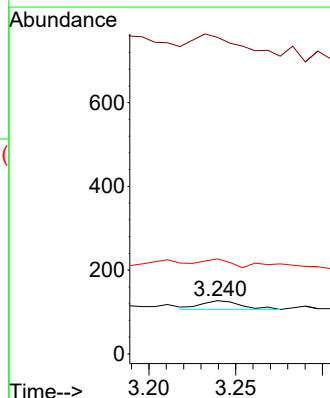
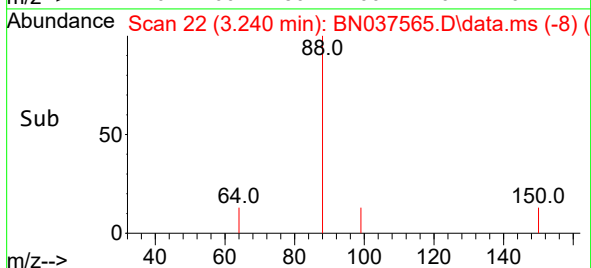
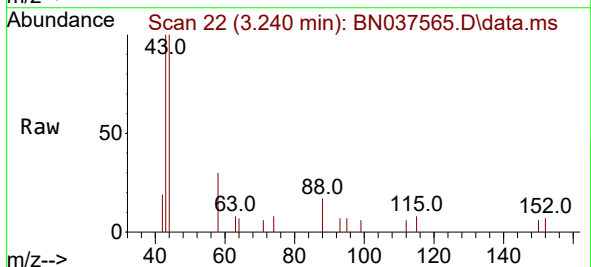


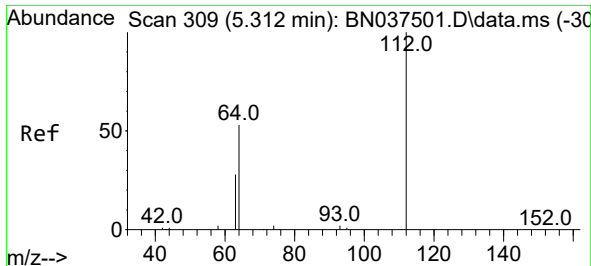
Tgt Ion:152 Resp: 1563
 Ion Ratio Lower Upper
 152 100
 150 151.8 119.8 179.8
 115 64.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.240 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037565.D
 Acq: 05 Aug 2025 13:11

Tgt Ion: 88 Resp: 34
 Ion Ratio Lower Upper
 88 100
 43 276.5 27.5 41.3#
 58 61.8 62.7 94.1#

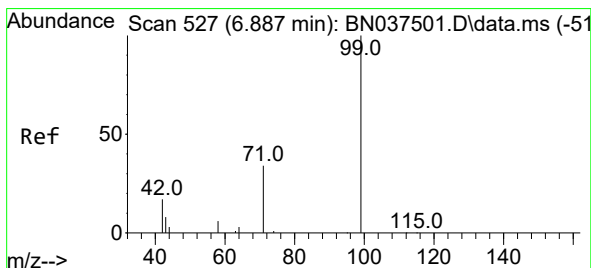
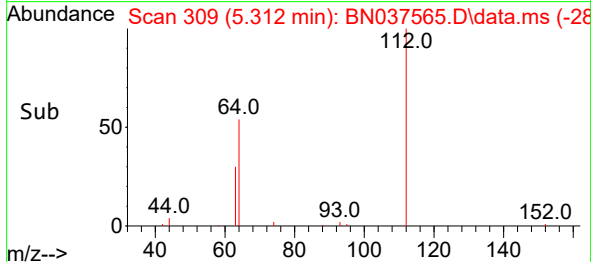
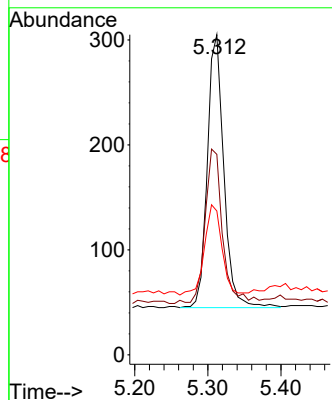
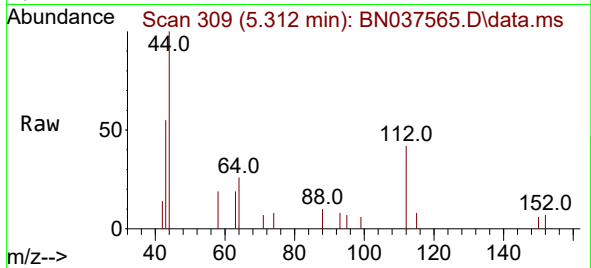




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

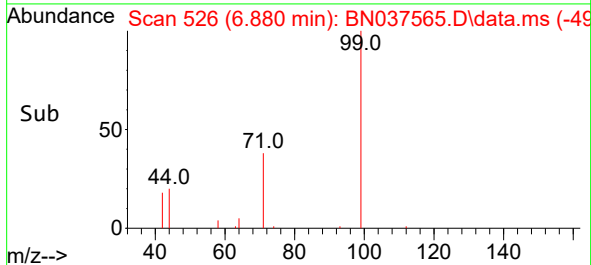
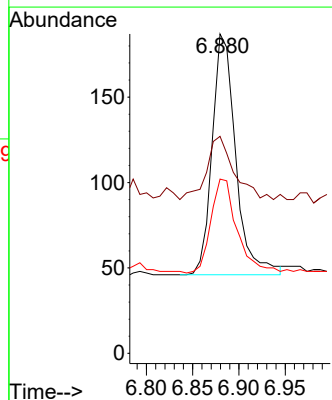
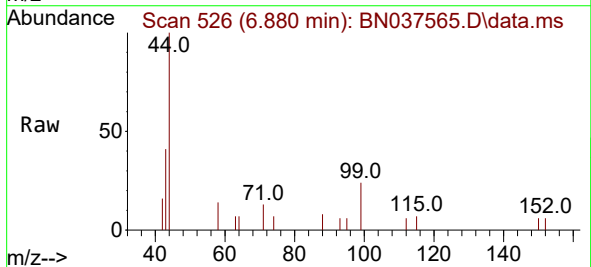
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250731

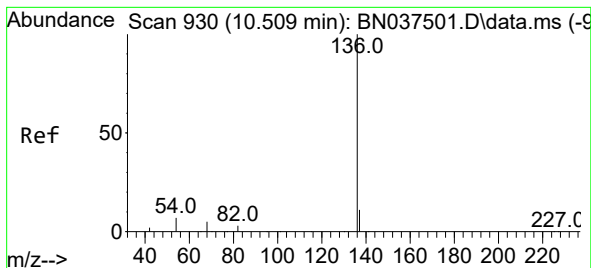
Tgt Ion:112 Resp: 407
Ion Ratio Lower Upper
112 100
64 60.4 45.1 67.7
63 34.9 23.8 35.8



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.880 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

Tgt Ion: 99 Resp: 250
Ion Ratio Lower Upper
99 100
42 35.2 17.1 25.7#
71 44.4 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: BN037565.D

Acq: 05 Aug 2025 13:11

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250731

Tgt Ion:136 Resp: 3777

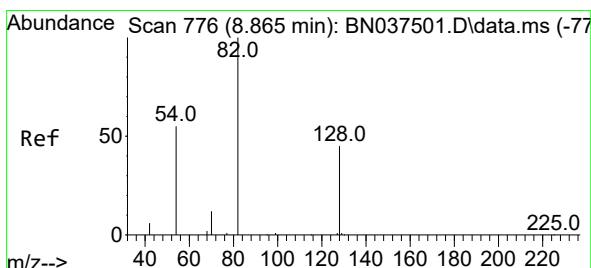
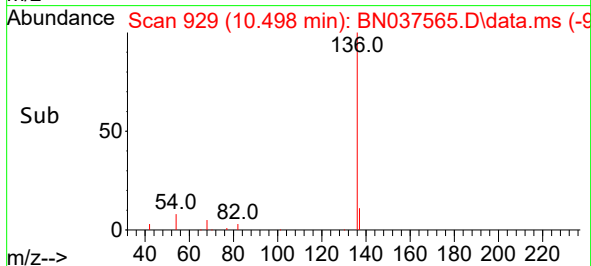
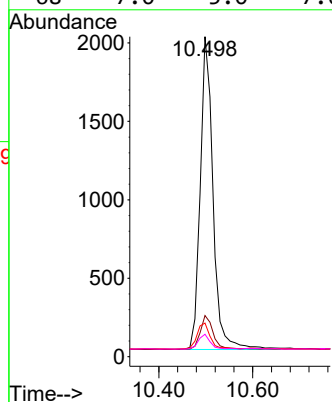
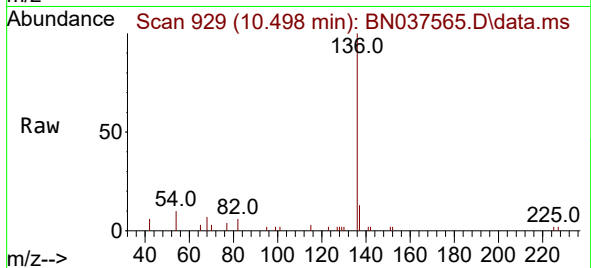
Ion Ratio Lower Upper

136 100

137 12.8 9.8 14.8

54 10.5 6.6 9.8#

68 7.0 5.0 7.6



#8

Nitrobenzene-d5

Concen: 0.306 ng

RT: 8.854 min Scan# 775

Delta R.T. -0.011 min

Lab File: BN037565.D

Acq: 05 Aug 2025 13:11

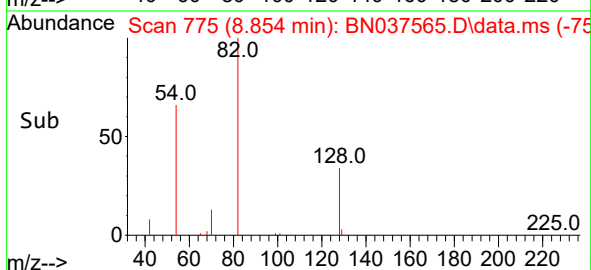
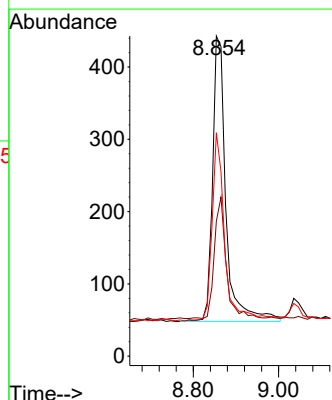
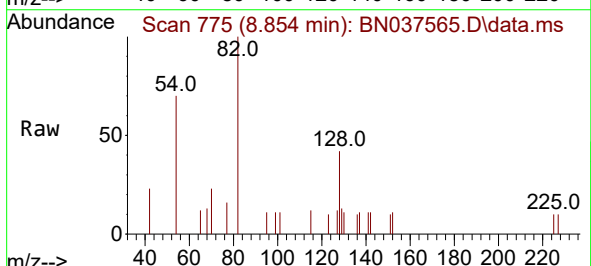
Tgt Ion: 82 Resp: 864

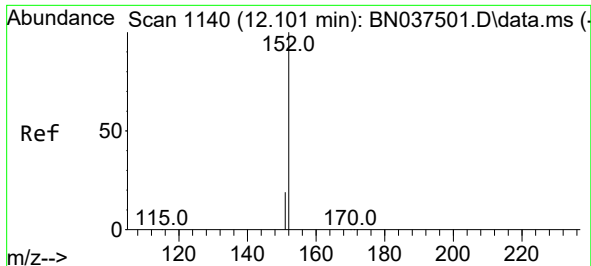
Ion Ratio Lower Upper

82 100

128 42.2 37.5 56.3

54 69.8 45.3 67.9#

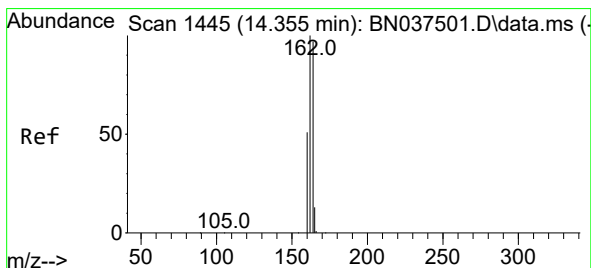
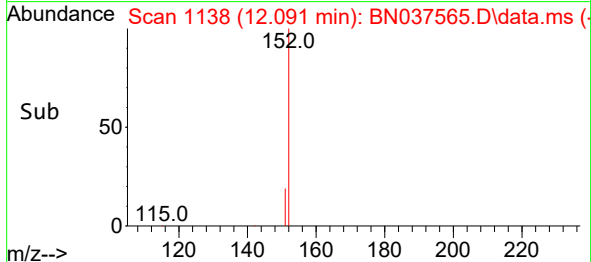
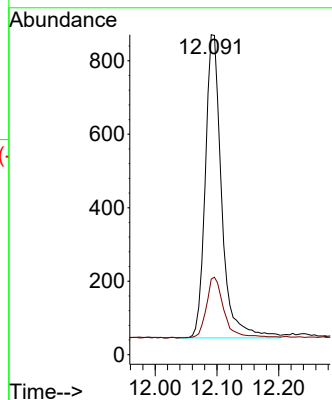
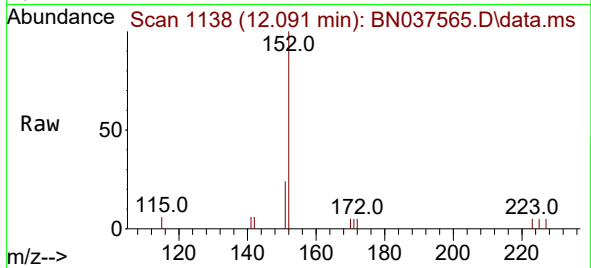




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.091 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

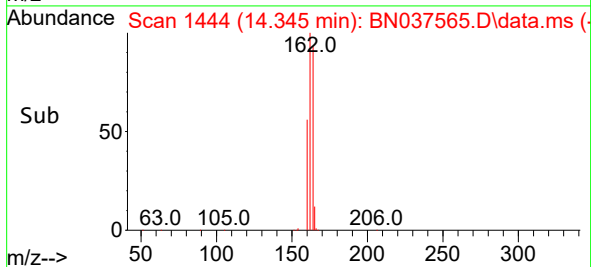
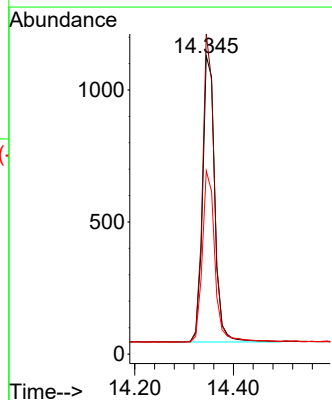
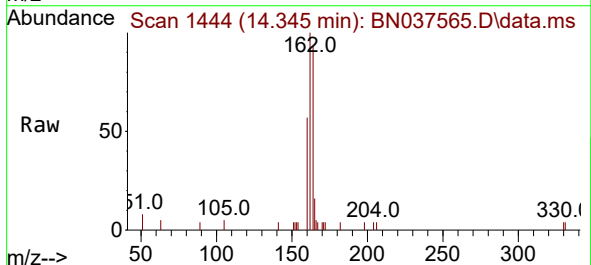
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250731

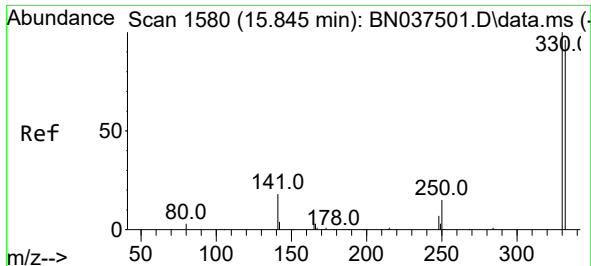
Tgt Ion:152 Resp: 1516
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

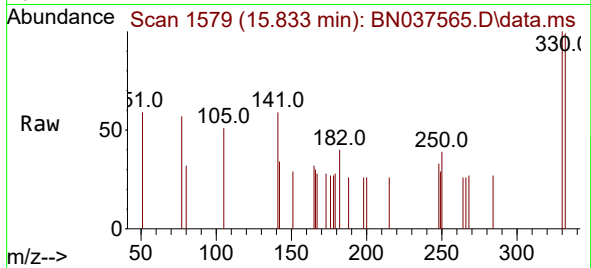
Tgt Ion:164 Resp: 1847
Ion Ratio Lower Upper
164 100
162 107.4 82.0 123.0
160 61.5 42.4 63.6



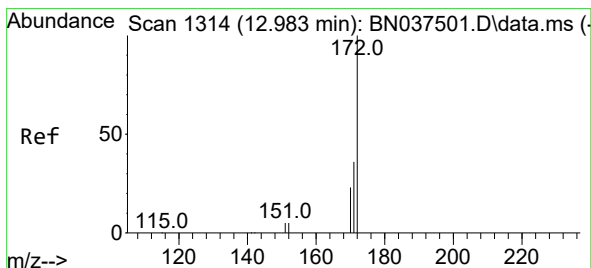
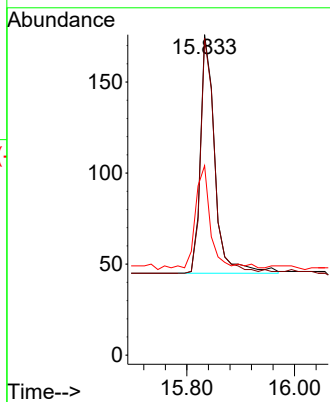
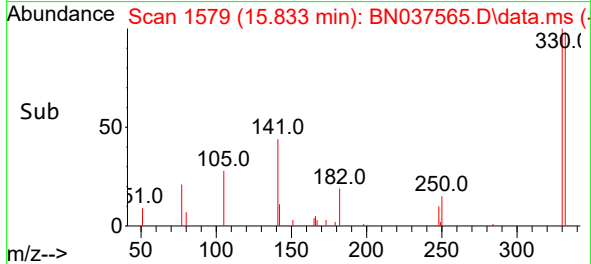


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250731

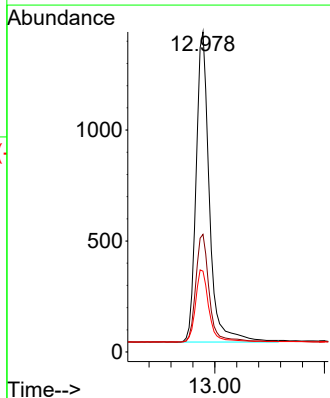
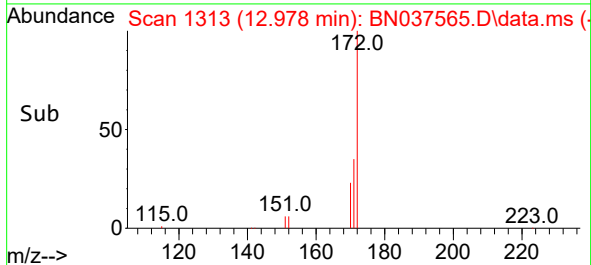
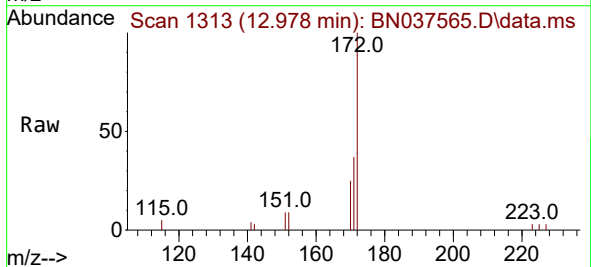


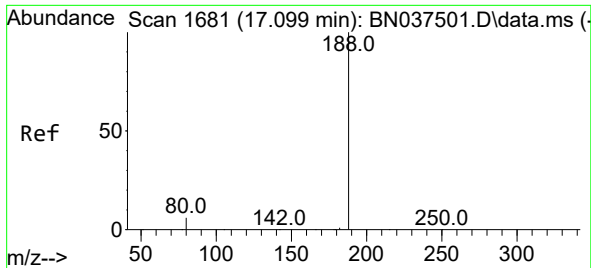
Tgt Ion:330 Resp: 244
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 45.9 33.4 50.0



#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

Tgt Ion:172 Resp: 3267
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.2
170 25.2 19.4 29.0

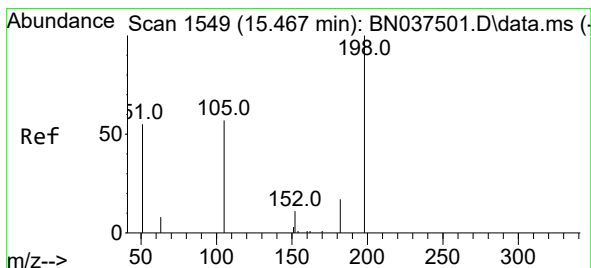
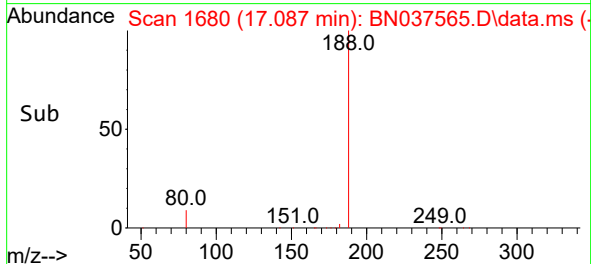
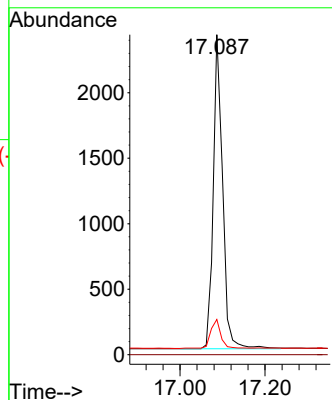
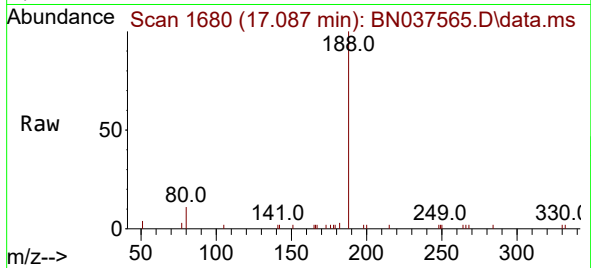




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

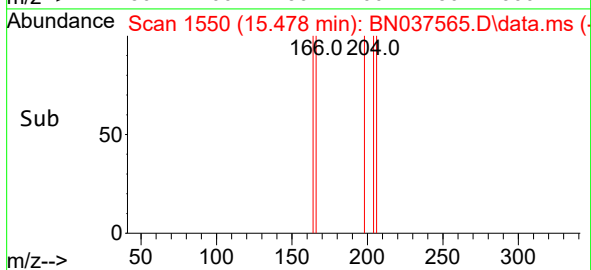
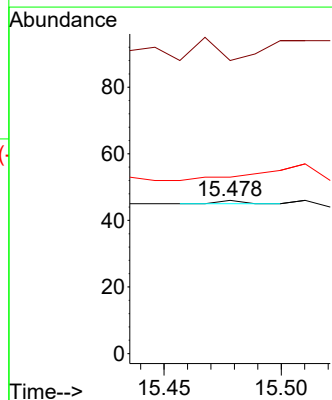
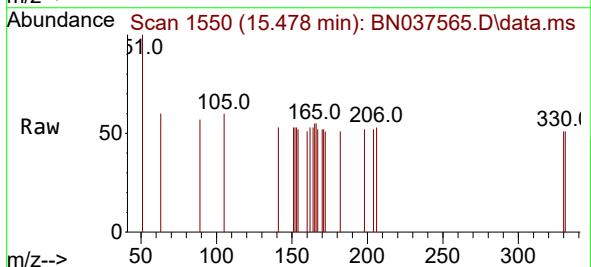
Instrument :
BNA_N
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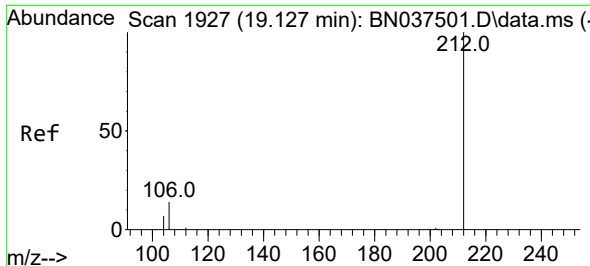
Tgt Ion:188 Resp: 3668
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 6.0 9.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.011 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

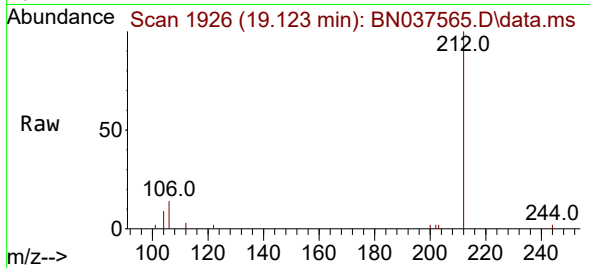
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 191.3 88.5 132.7#
105 115.2 61.2 91.8#



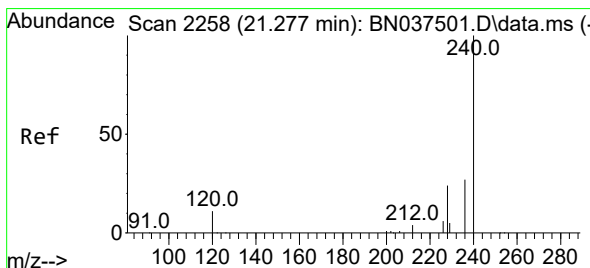
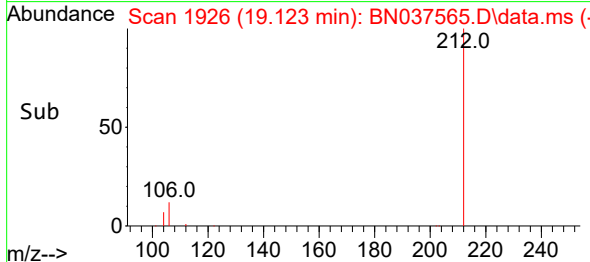
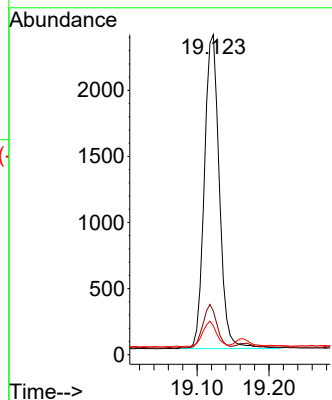


#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.123 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

Instrument :
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ClientSampleId :
RW7-SP303-20250731

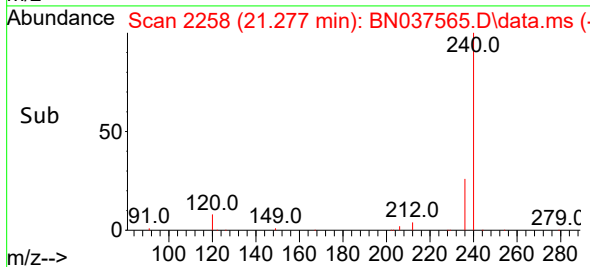
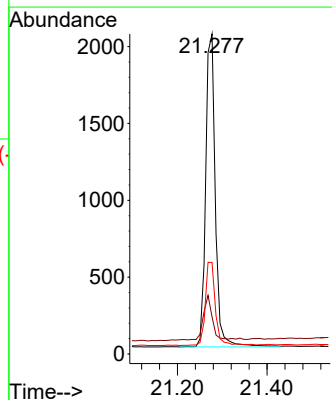
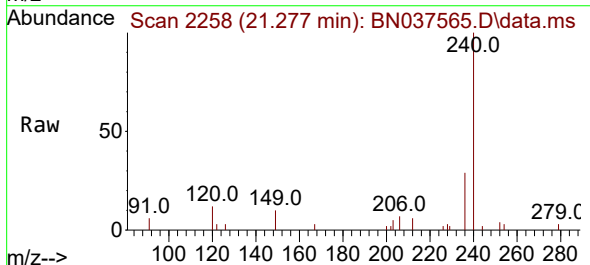


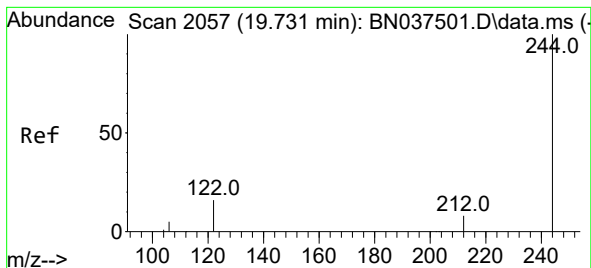
Tgt Ion:212 Resp: 3436
Ion Ratio Lower Upper
212 100
106 12.8 12.2 18.4
104 7.3 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN037565.D
Acq: 05 Aug 2025 13:11

Tgt Ion:240 Resp: 3062
Ion Ratio Lower Upper
240 100
120 11.6 10.7 16.1
236 28.6 22.6 33.8





#31

Terphenyl-d14

Concen: 0.436 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.009 min

Lab File: BN037565.D

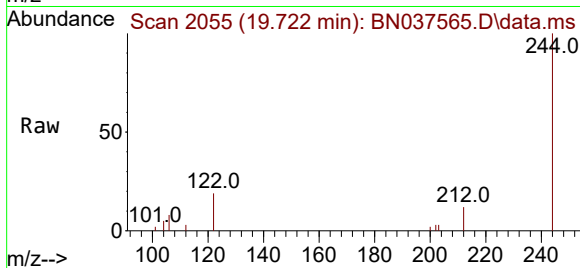
Acq: 05 Aug 2025 13:11

Instrument :

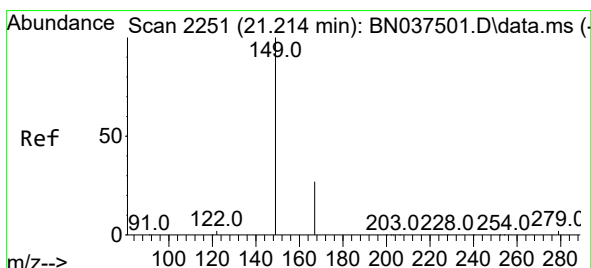
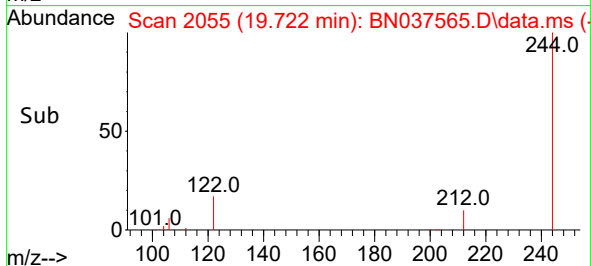
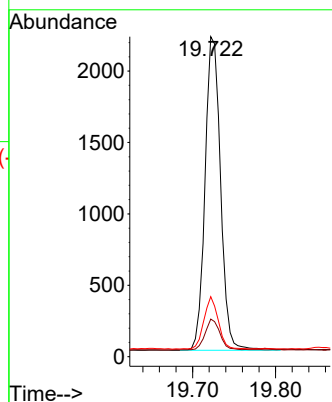
BNA_N

ClientSampleId :

RW7-SP303-20250731



Tgt Ion:244	Resp:	2870
Ion Ratio	Lower	Upper
244	100	
212	11.7	7.4 11.2#
122	18.7	13.6 20.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.589 ng

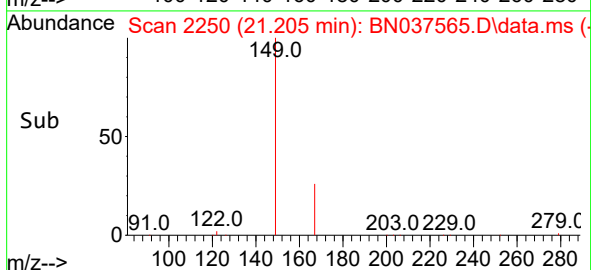
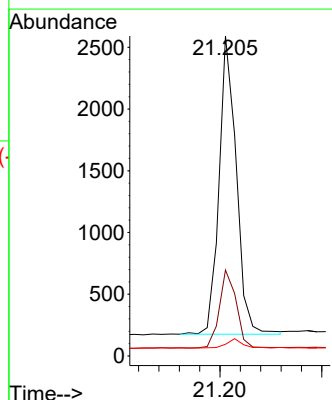
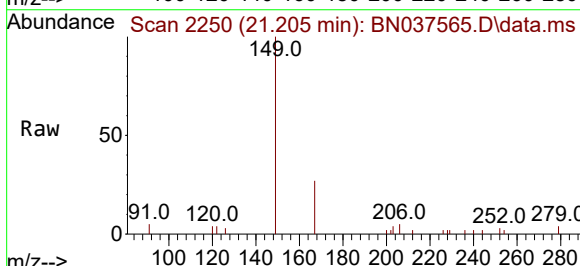
RT: 21.205 min Scan# 2250

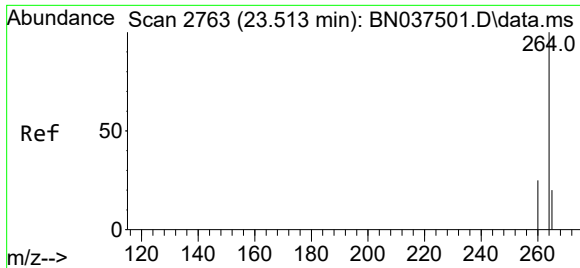
Delta R.T. -0.009 min

Lab File: BN037565.D

Acq: 05 Aug 2025 13:11

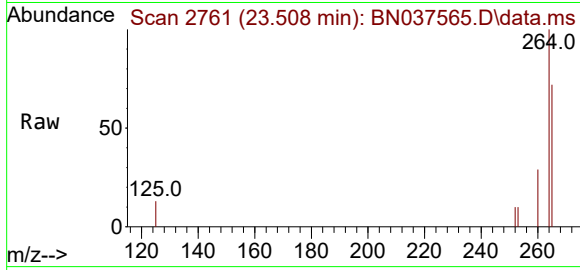
Tgt Ion:149	Resp:	2840
Ion Ratio	Lower	Upper
149	100	
167	25.8	21.8 32.8
279	3.0	3.0 4.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.508 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037565.D
 Acq: 05 Aug 2025 13:11

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250731



Tgt Ion: 264 Resp: 2537

Ion	Ratio	Lower	Upper
264	100		
260	28.8	21.2	31.8
265	72.2	40.4	60.6

