

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037040.D
 Acq On : 19 May 2025 12:02
 Operator : RC/JU
 Sample : Q2064-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-70-20250514

Quant Time: May 19 12:56:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

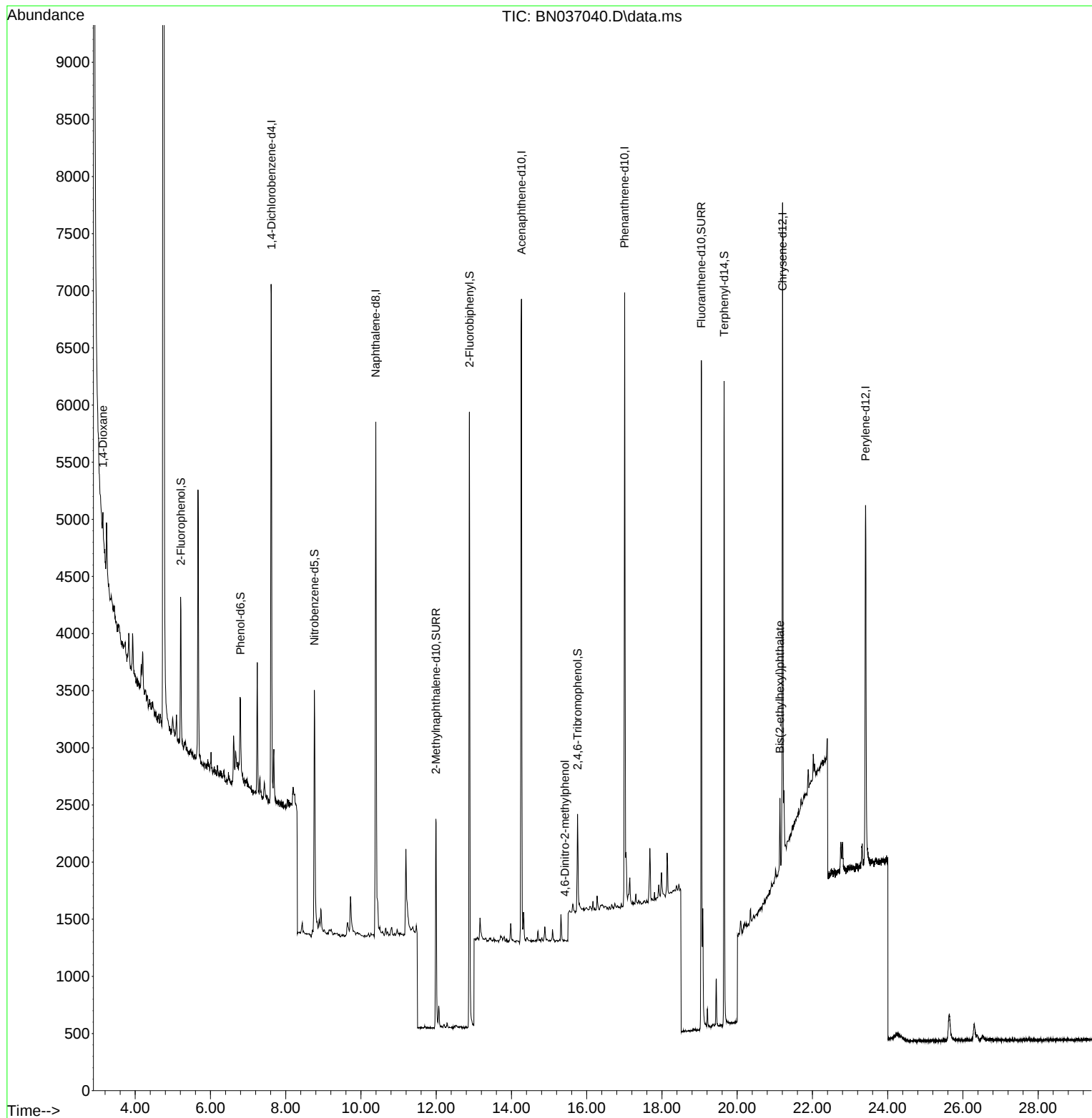
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2279	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	5859	0.400	ng	#-0.01
13) Acenaphthene-d10	14.266	164	3462	0.400	ng	0.00
19) Phenanthrene-d10	17.008	188	6945	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	5149	0.400	ng	# 0.00
35) Perylene-d12	23.412	264	4430	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	862	0.144	ng	0.00
5) Phenol-d6	6.795	99	585	0.078	ng	0.00
8) Nitrobenzene-d5	8.760	82	1943	0.305	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2696	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	473	0.311	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4812	0.304	ng	0.00
27) Fluoranthene-d10	19.049	212	6799	0.357	ng	0.00
31) Terphenyl-d14	19.653	244	5275	0.479	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	178	0.064	ng	# 74
20) 4,6-Dinitro-2-methylph...	15.421	198	3	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	647	0.054	ng	# 92

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

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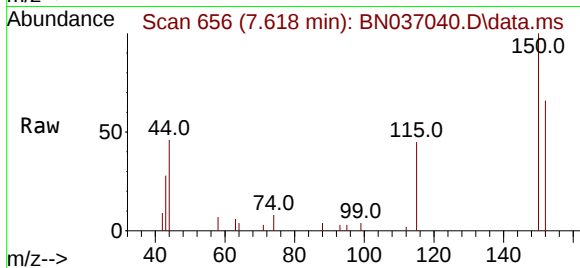
Quant Time: May 19 12:56:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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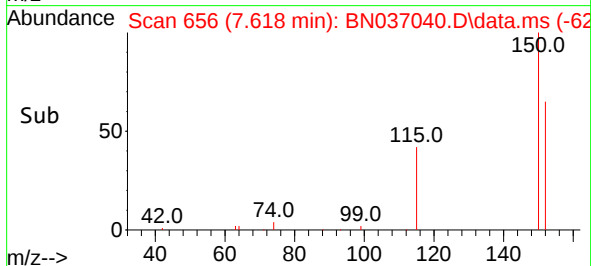
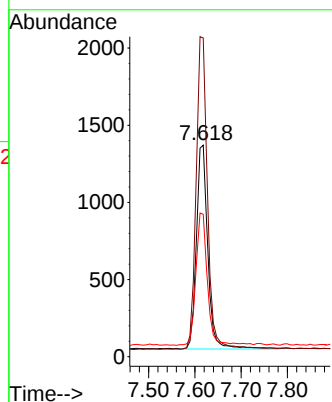
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.618 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037040.D
 Acq: 19 May 2025 12:02

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-70-20250514



Tgt Ion:152 Resp: 2279

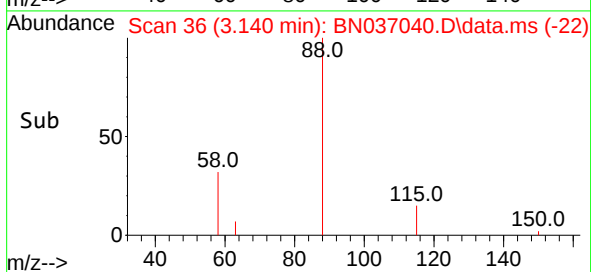
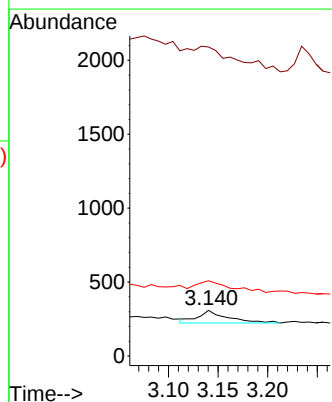
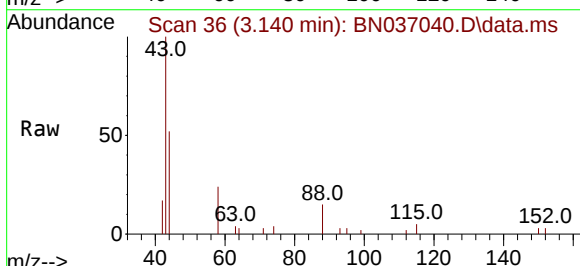
Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.9	185.9
115	67.3	55.8	83.8

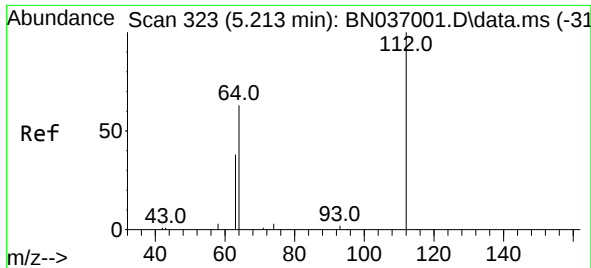


#2
 1,4-Dioxane
 Concen: 0.064 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037040.D
 Acq: 19 May 2025 12:02

Tgt Ion: 88 Resp: 178

Ion	Ratio	Lower	Upper
88	100		
43	0.0	37.4	56.0#
58	83.7	68.8	103.2





#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN037040.D

Acq: 19 May 2025 12:02

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-70-20250514

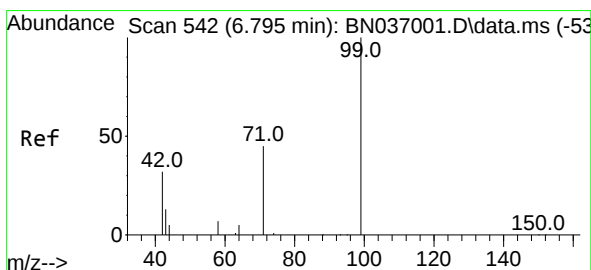
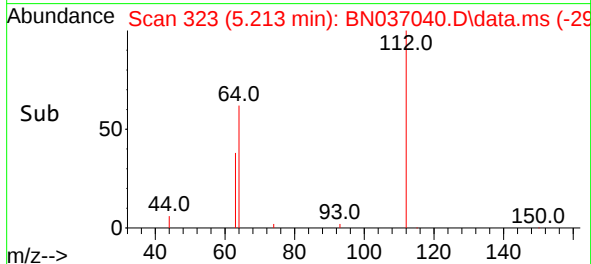
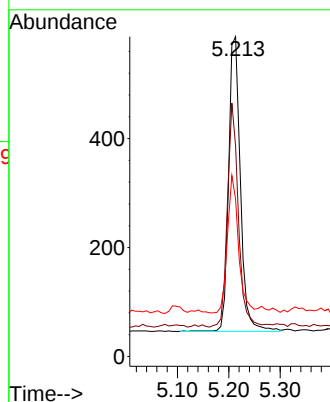
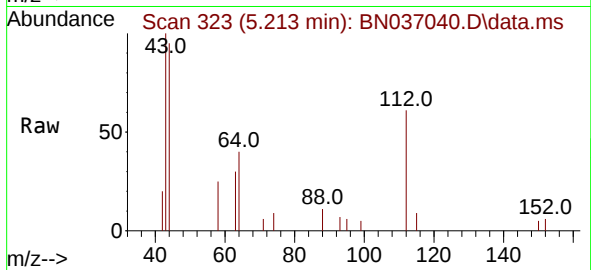
Tgt Ion:112 Resp: 862

Ion Ratio Lower Upper

112 100

64 70.8 55.7 83.5

63 44.0 34.6 51.8



#5

Phenol-d6

Concen: 0.078 ng

RT: 6.795 min Scan# 542

Delta R.T. -0.000 min

Lab File: BN037040.D

Acq: 19 May 2025 12:02

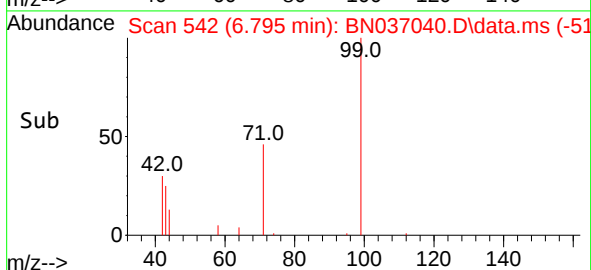
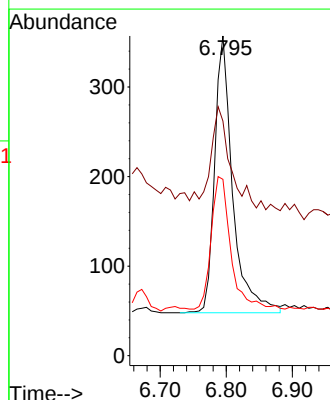
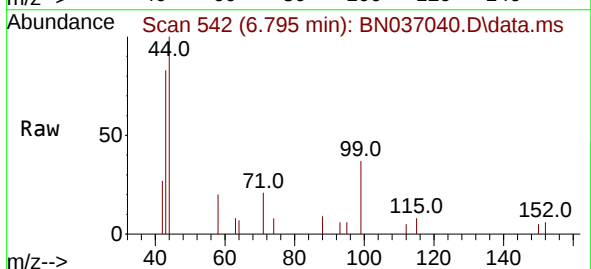
Tgt Ion: 99 Resp: 585

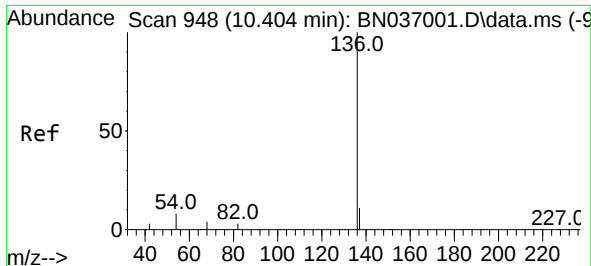
Ion Ratio Lower Upper

99 100

42 41.7 29.3 43.9

71 51.8 35.7 53.5

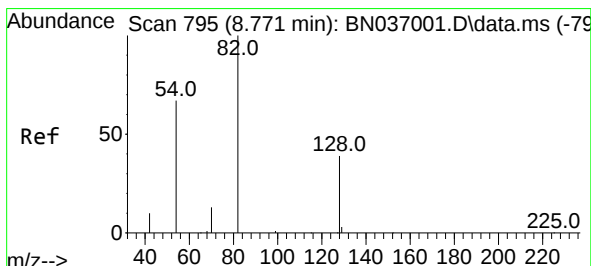
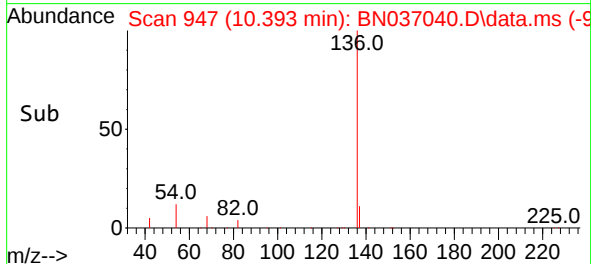
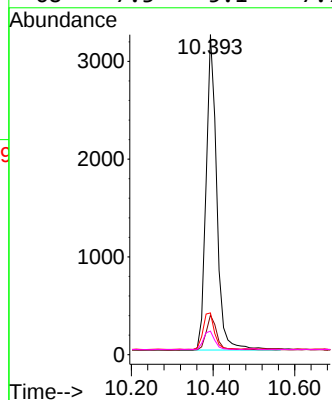
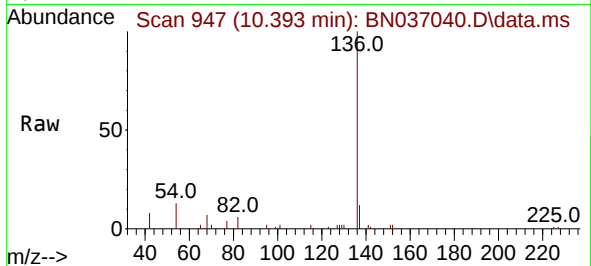




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.393 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037040.D
Acq: 19 May 2025 12:02

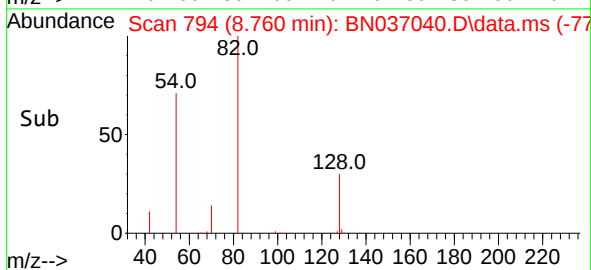
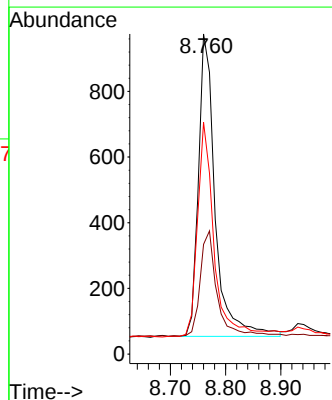
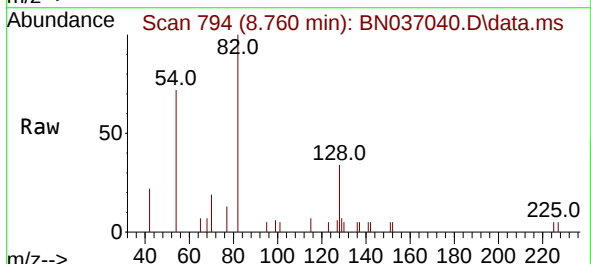
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-70-20250514

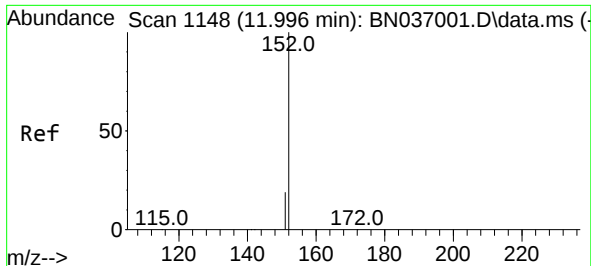
Tgt Ion:	136	Resp:	5859
Ion Ratio	Lower	Upper	
136	100		
137	12.3	10.4	15.6
54	13.0	8.5	12.7#
68	7.3	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037040.D
Acq: 19 May 2025 12:02

Tgt Ion:	82	Resp:	1943
Ion Ratio	Lower	Upper	
82	100		
128	34.3	34.0	51.0
54	72.4	55.0	82.4

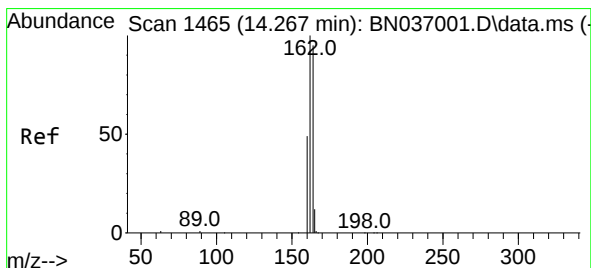
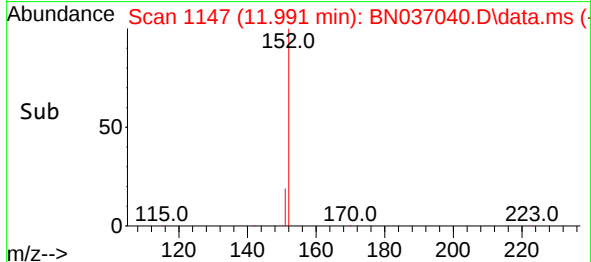
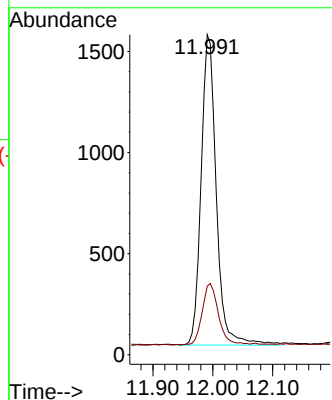
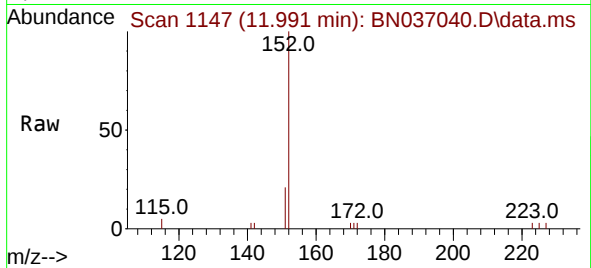




#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037040.D
Acq: 19 May 2025 12:02

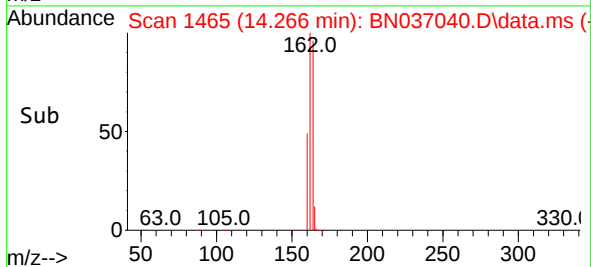
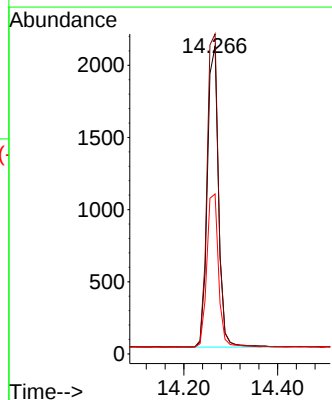
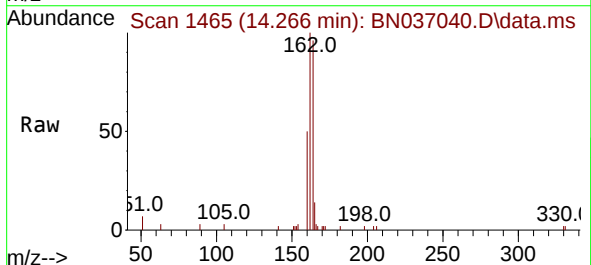
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-70-20250514

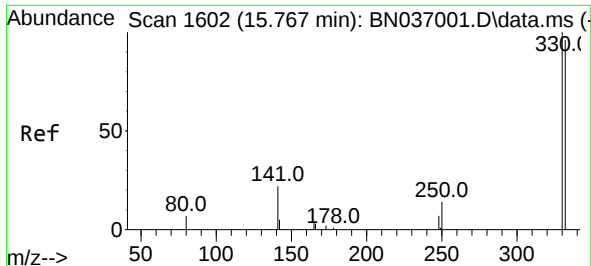
Tgt Ion:152 Resp: 2696
Ion Ratio Lower Upper
152 100
151 20.9 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.266 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN037040.D
Acq: 19 May 2025 12:02

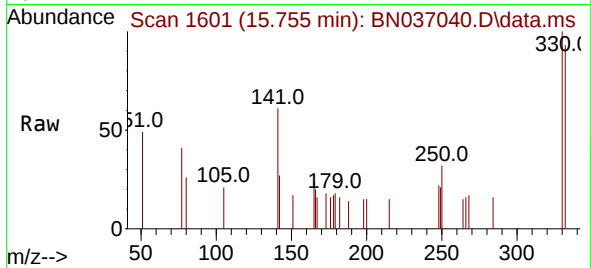
Tgt Ion:164 Resp: 3462
Ion Ratio Lower Upper
164 100
162 104.0 84.2 126.4
160 52.0 42.6 63.8



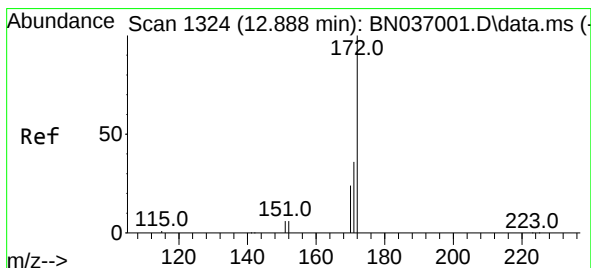
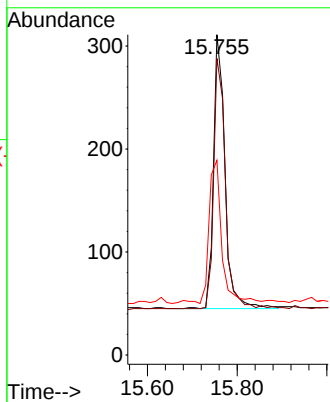
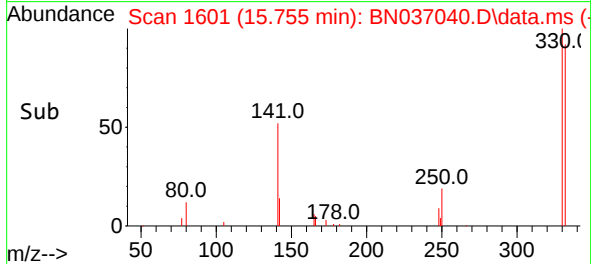


#14
 2,4,6-Tribromophenol
 Concen: 0.311 ng
 RT: 15.755 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BN037040.D
 Acq: 19 May 2025 12:02

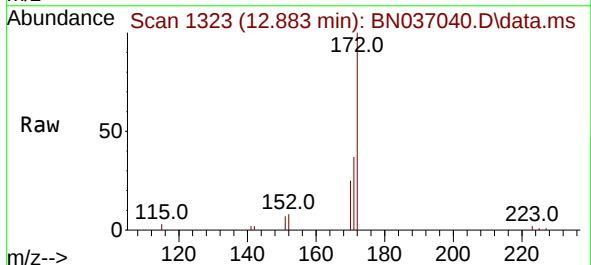
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-70-20250514



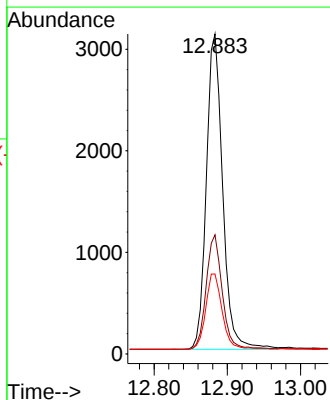
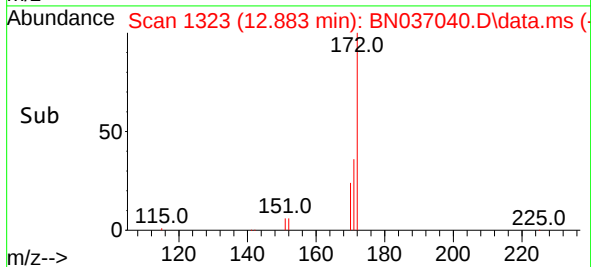
Tgt Ion:330 Resp: 473
 Ion Ratio Lower Upper
 330 100
 332 92.8 73.8 110.8
 141 54.5 43.9 65.9

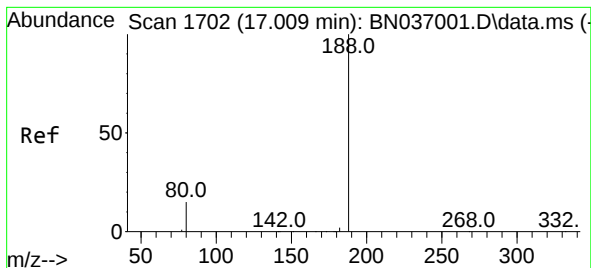


#15
 2-Fluorobiphenyl
 Concen: 0.304 ng
 RT: 12.883 min Scan# 1323
 Delta R.T. -0.005 min
 Lab File: BN037040.D
 Acq: 19 May 2025 12:02



Tgt Ion:172 Resp: 4812
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.2 43.8
 170 25.0 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.008 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037040.D

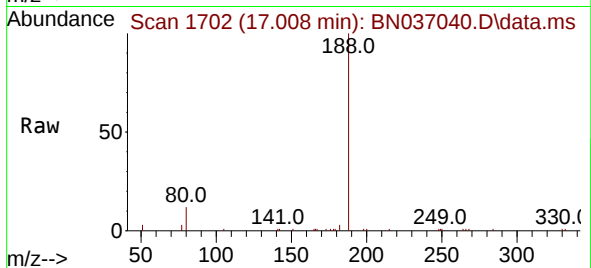
Acq: 19 May 2025 12:02

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-70-20250514



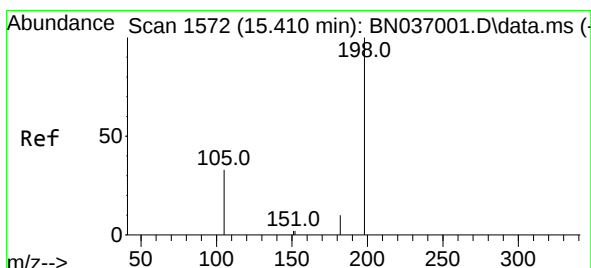
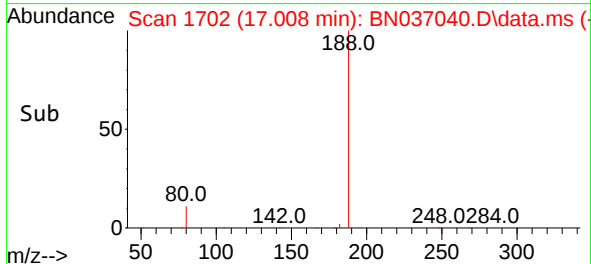
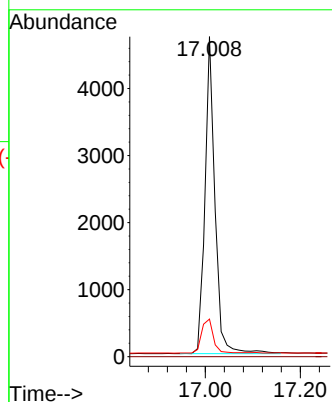
Tgt Ion:188 Resp: 6945

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.026 ng

RT: 15.421 min Scan# 1573

Delta R.T. 0.011 min

Lab File: BN037040.D

Acq: 19 May 2025 12:02

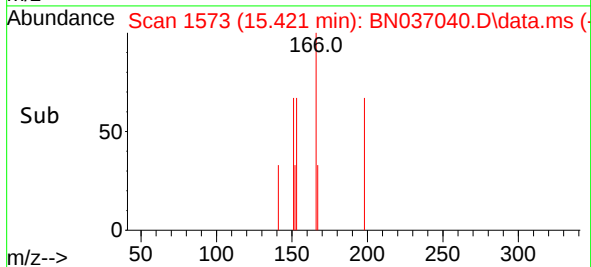
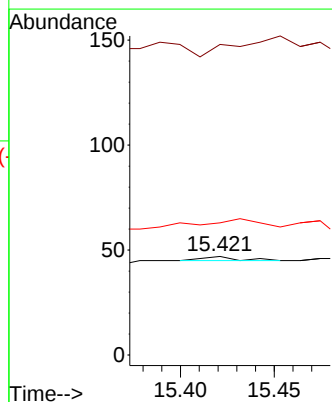
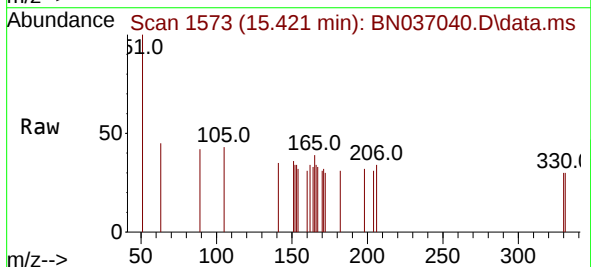
Tgt Ion:198 Resp: 3

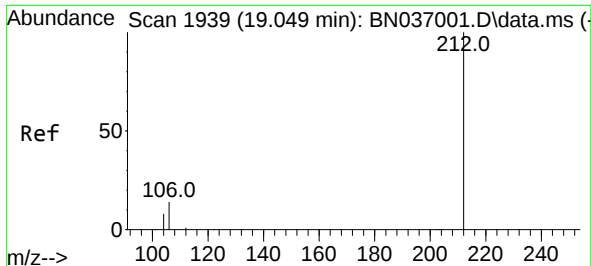
Ion Ratio Lower Upper

198 100

51 314.9 87.8 131.6#

105 134.0 44.2 66.4#

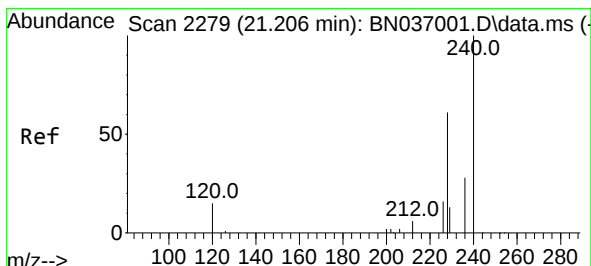
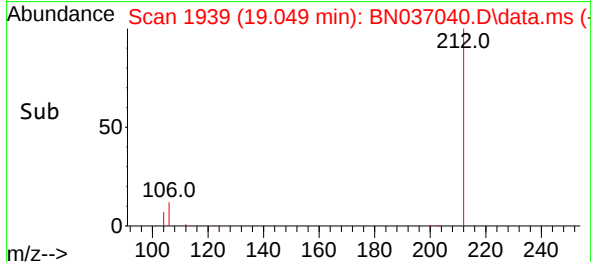
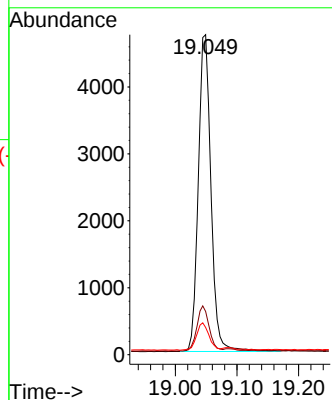
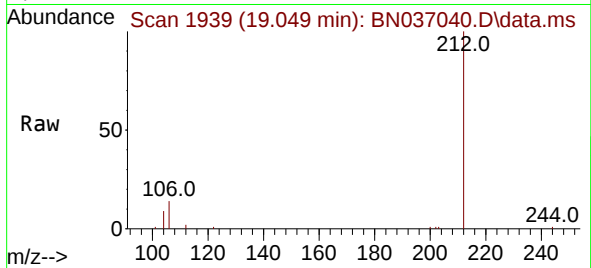




#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.049 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN037040.D
Acq: 19 May 2025 12:02

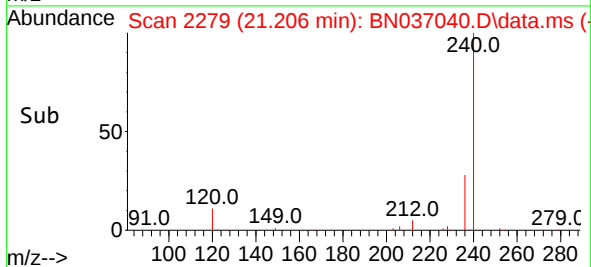
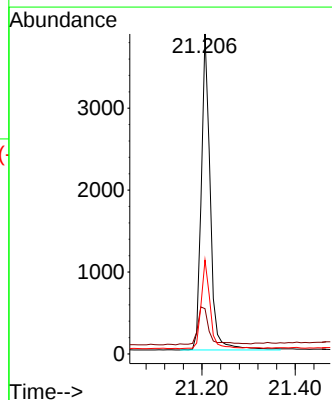
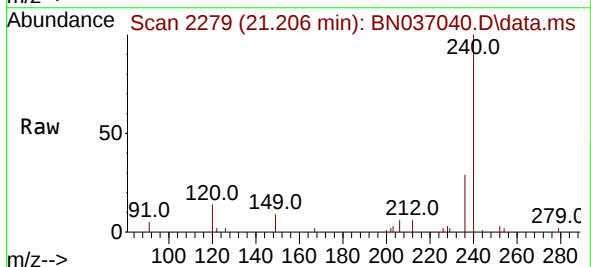
Instrument :
BNA_N
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RW8-SP100-70-20250514

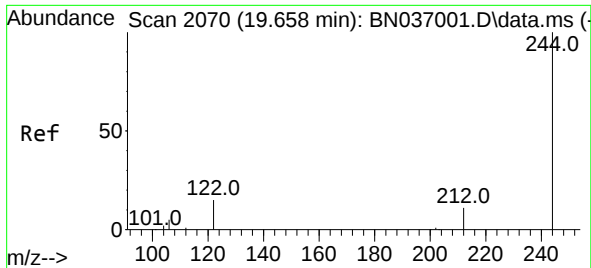
Tgt Ion:212 Resp: 6799
Ion Ratio Lower Upper
212 100
106 13.7 11.3 16.9
104 8.4 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BN037040.D
Acq: 19 May 2025 12:02

Tgt Ion:240 Resp: 5149
Ion Ratio Lower Upper
240 100
120 14.1 15.1 22.7#
236 29.3 24.0 36.0

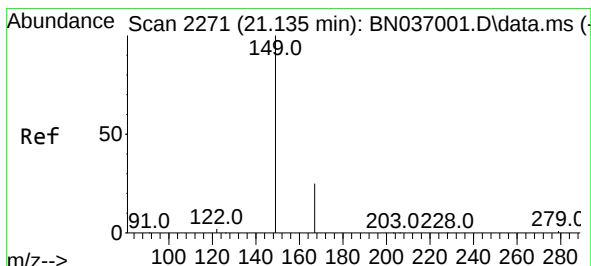
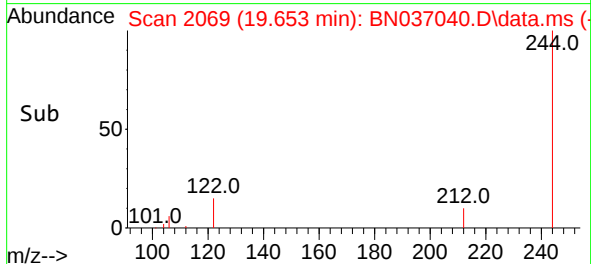
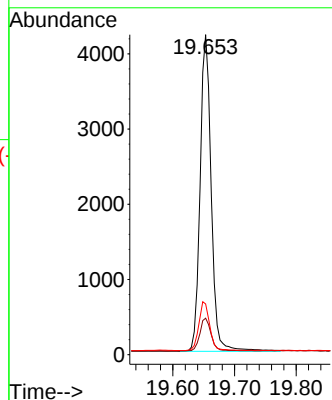
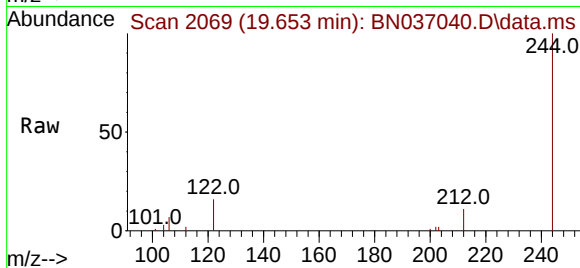




#31
 Terphenyl-d14
 Concen: 0.479 ng
 RT: 19.653 min Scan# 2070
 Delta R.T. -0.005 min
 Lab File: BN037040.D
 Acq: 19 May 2025 12:02

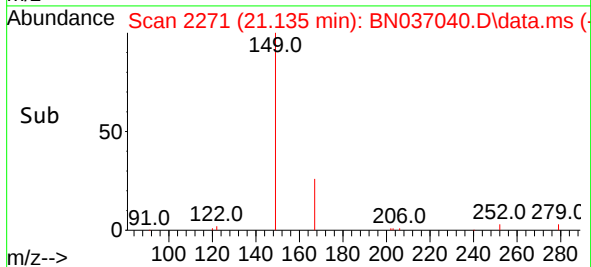
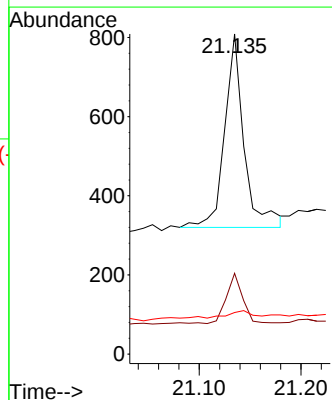
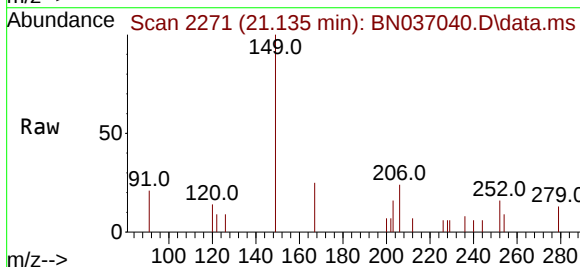
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-70-20250514

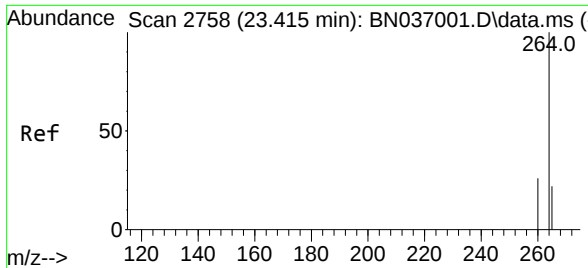
Tgt Ion:244 Resp: 5275
 Ion Ratio Lower Upper
 244 100
 212 11.4 9.7 14.5
 122 15.9 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BN037040.D
 Acq: 19 May 2025 12:02

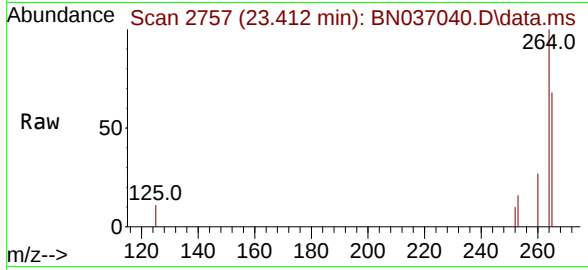
Tgt Ion:149 Resp: 647
 Ion Ratio Lower Upper
 149 100
 167 21.3 20.6 30.8
 279 4.9 2.6 3.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.412 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037040.D
Acq: 19 May 2025 12:02

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-70-20250514



Tgt Ion:264 Resp: 4430
Ion Ratio Lower Upper
264 100
260 27.4 21.9 32.9
265 68.3 51.6 77.4

