

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037406.D
 Acq On : 26 Jun 2025 23:27
 Operator : RC/JU
 Sample : Q2373-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619

Quant Time: Jun 27 03:01:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

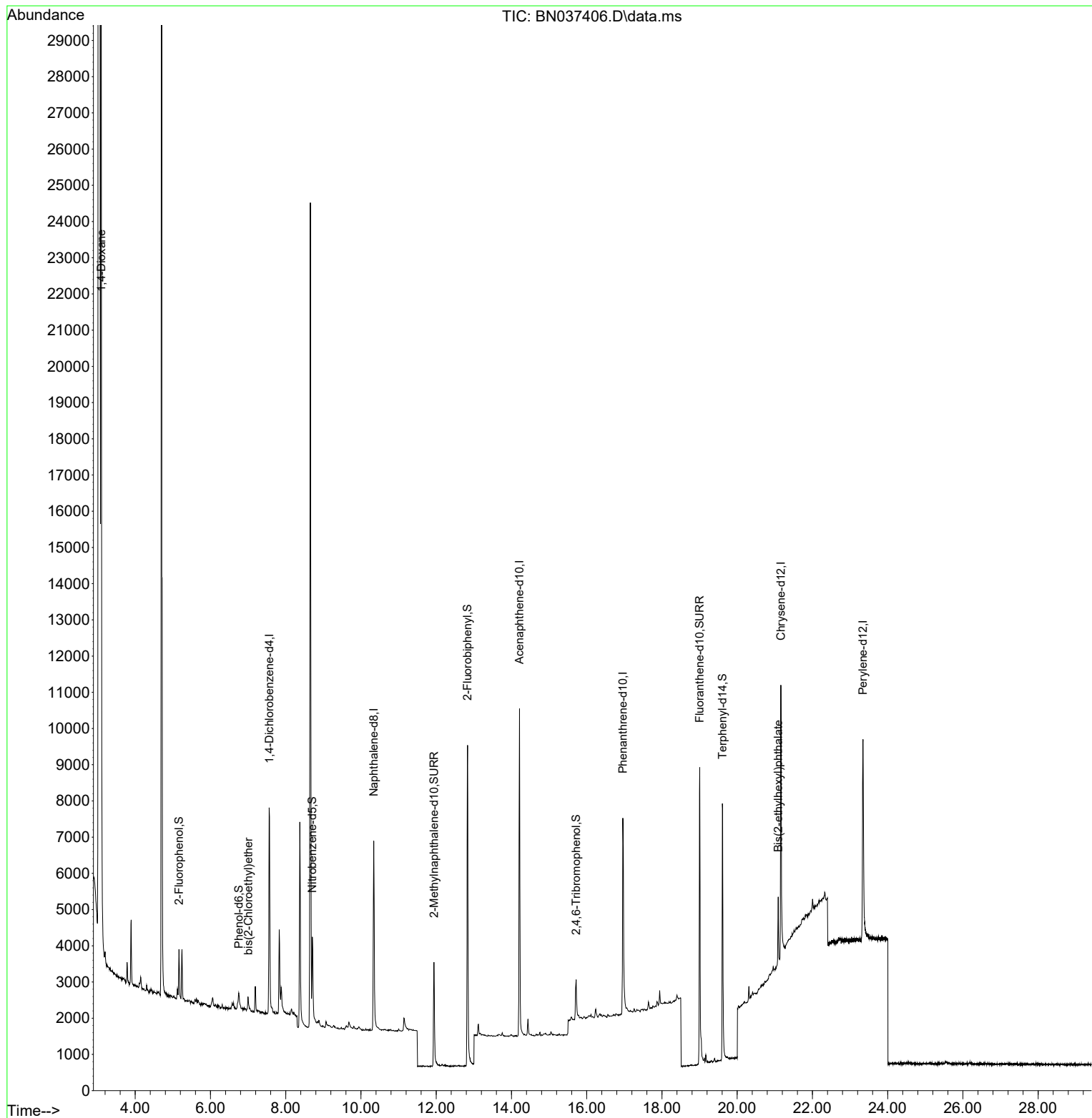
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	3368	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	7849	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	5176	0.400	ng	0.00
19) Phenanthrene-d10	16.959	188	10276	0.400	ng	0.00
29) Chrysene-d12	21.162	240	8698	0.400	ng	# 0.00
35) Perylene-d12	23.342	264	8344	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	1149	0.177	ng	0.00
5) Phenol-d6	6.751	99	622	0.092	ng	0.00
8) Nitrobenzene-d5	8.707	82	2288	0.364	ng	-0.01
11) 2-Methylnaphthalene-d10	11.940	152	4696	0.387	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	962	0.317	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	9051	0.405	ng	0.00
27) Fluoranthene-d10	19.003	212	11403	0.387	ng	0.00
31) Terphenyl-d14	19.607	244	8820	0.476	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	19024	5.956	ng	Qvalue 95
6) bis(2-Chloroethyl)ether	7.004	93	244	0.041	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.090	149	1717	0.159	ng	# 95

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

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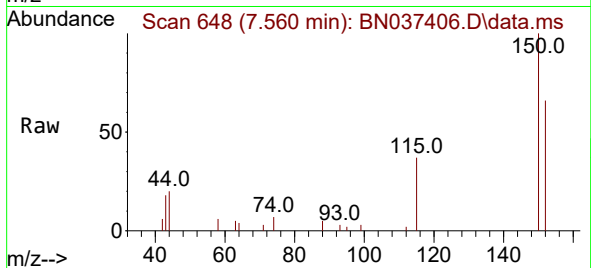
Quant Time: Jun 27 03:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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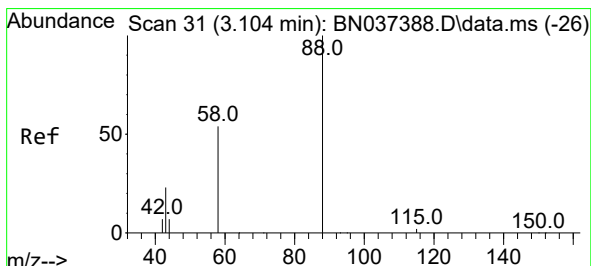
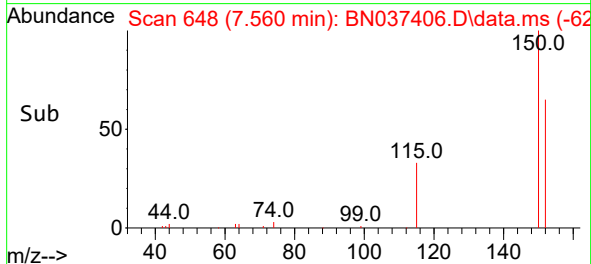
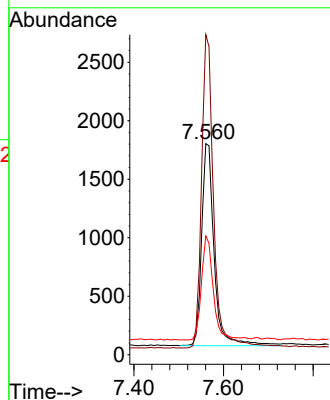


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.560 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN037406.D
 Acq: 26 Jun 2025 23:27

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619

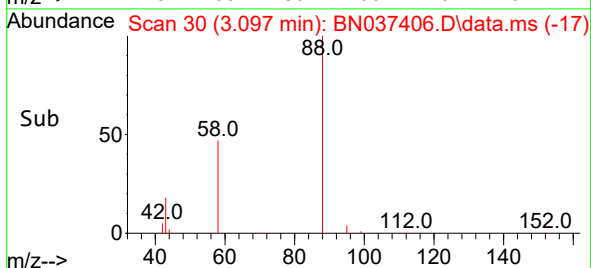
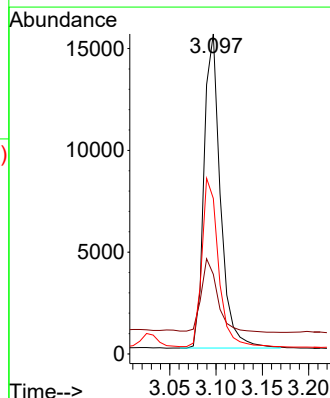
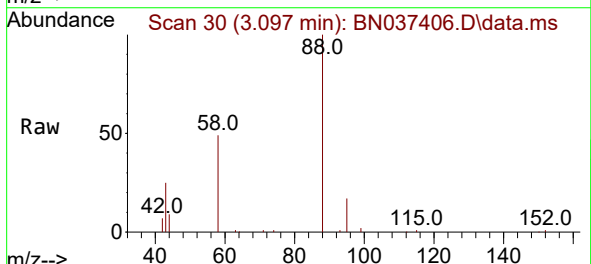


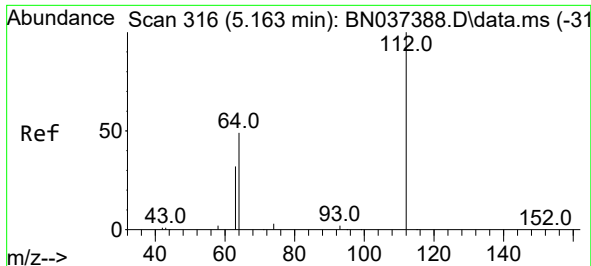
Tgt Ion:152 Resp: 3368
 Ion Ratio Lower Upper
 152 100
 150 151.6 116.2 174.2
 115 56.2 42.9 64.3



#2
 1,4-Dioxane
 Concen: 5.956 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037406.D
 Acq: 26 Jun 2025 23:27

Tgt Ion: 88 Resp: 19024
 Ion Ratio Lower Upper
 88 100
 43 23.4 21.6 32.4
 58 54.0 45.9 68.9

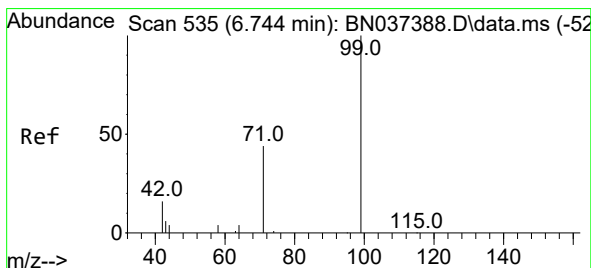
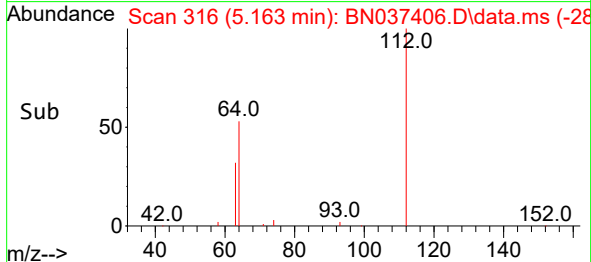
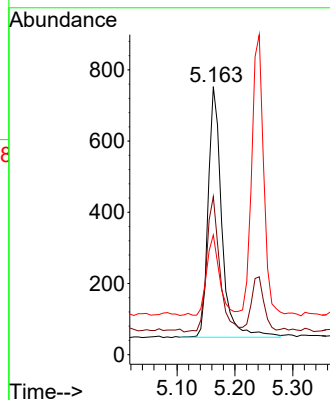
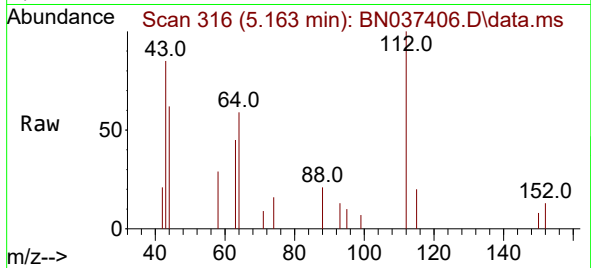




#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

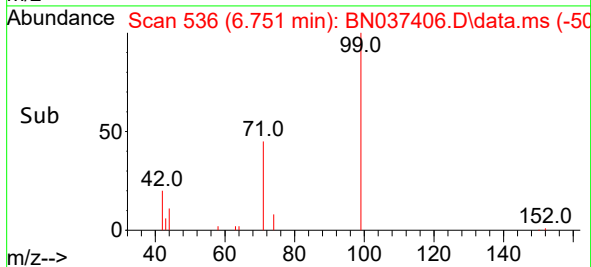
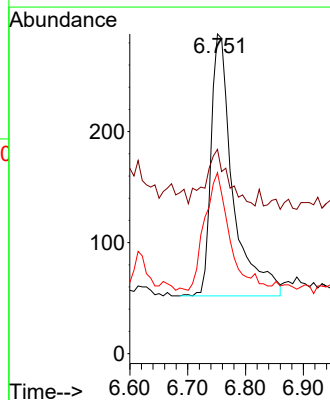
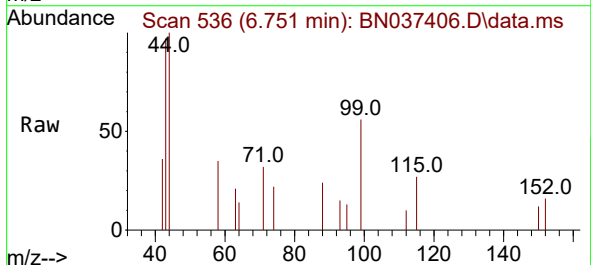
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619

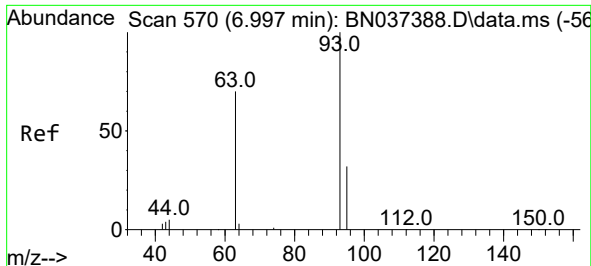
Tgt Ion:112 Resp: 1149
Ion Ratio Lower Upper
112 100
64 50.5 40.3 60.5
63 30.4 26.1 39.1



#5
Phenol-d6
Concen: 0.092 ng
RT: 6.751 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

Tgt Ion: 99 Resp: 622
Ion Ratio Lower Upper
99 100
42 22.7 15.6 23.4
71 51.1 35.8 53.8

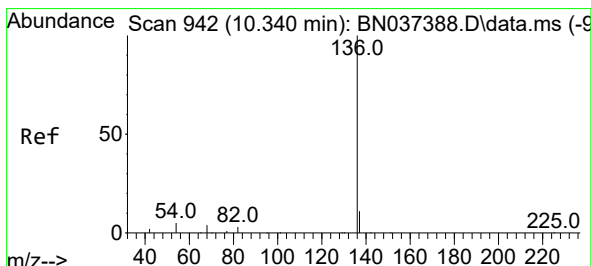
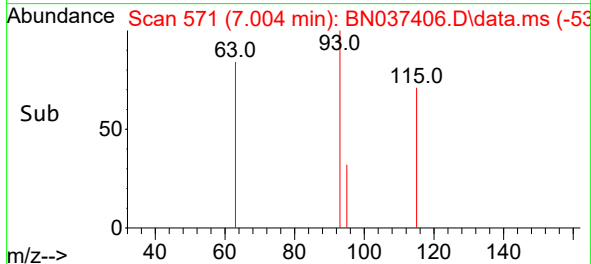
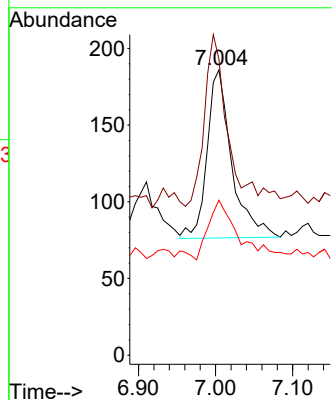
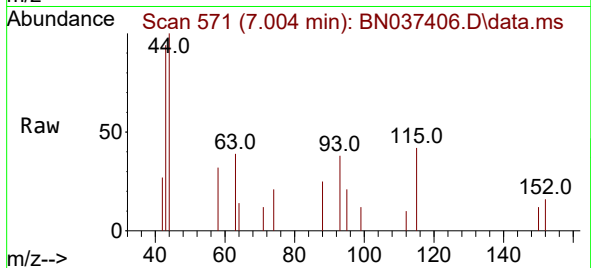




#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.004 min Scan# 571
Delta R.T. 0.007 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

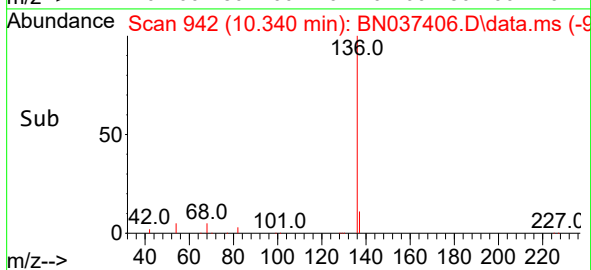
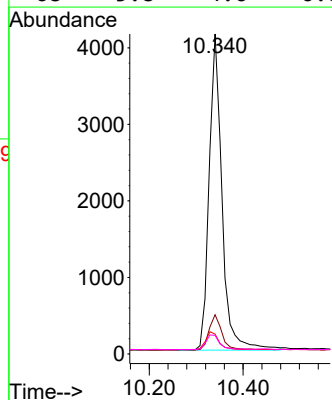
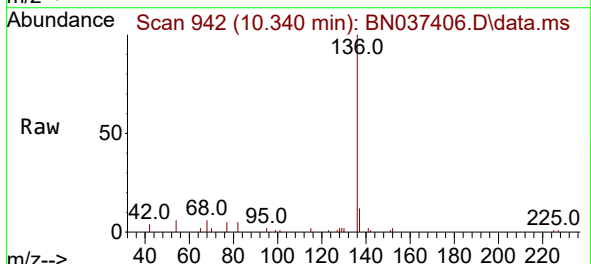
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619

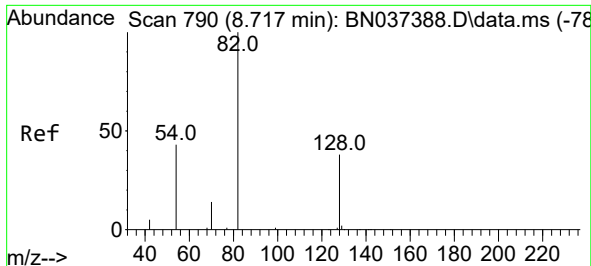
Tgt Ion: 93 Resp: 244
Ion Ratio Lower Upper
93 100
63 102.5 49.6 74.4#
95 44.3 23.9 35.9#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

Tgt Ion:136 Resp: 7849
Ion Ratio Lower Upper
136 100
137 12.2 10.4 15.6
54 6.2 5.6 8.4
68 5.8 4.6 6.8

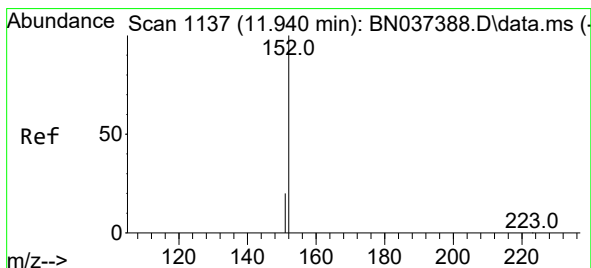
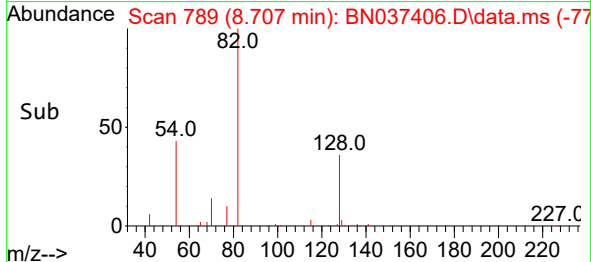
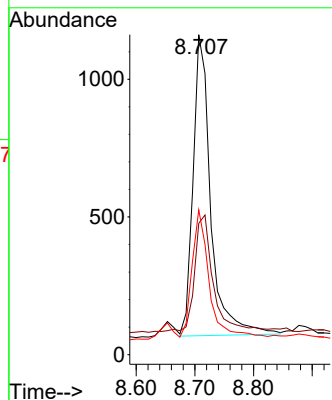
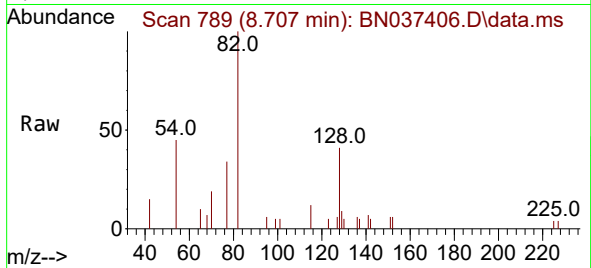




#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.707 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

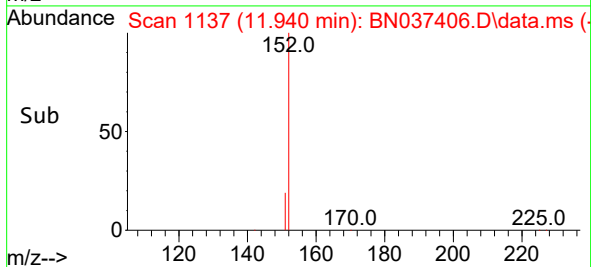
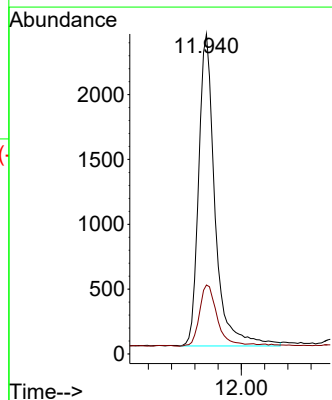
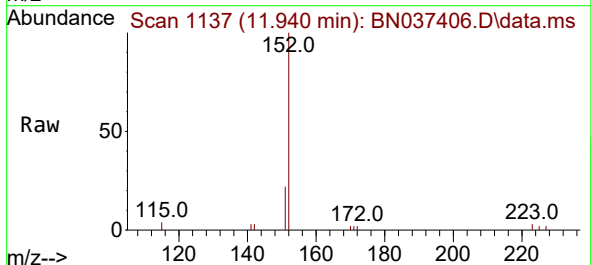
Instrument :
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ClientSampleId :
RW5-SP100-20250619

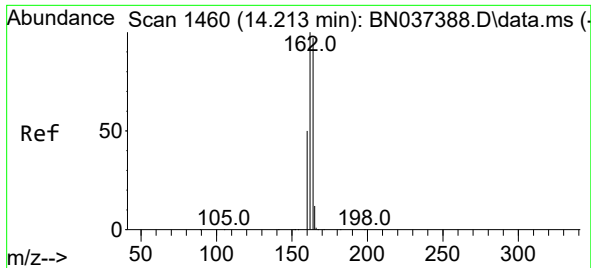
Tgt Ion: 82 Resp: 2288
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 45.3 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 11.940 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

Tgt Ion: 152 Resp: 4696
Ion Ratio Lower Upper
152 100
151 21.1 18.4 27.6

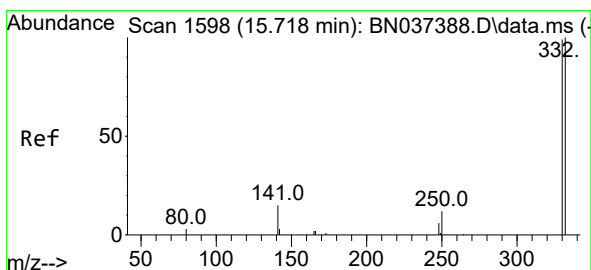
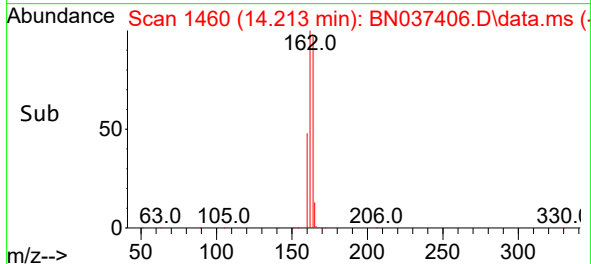
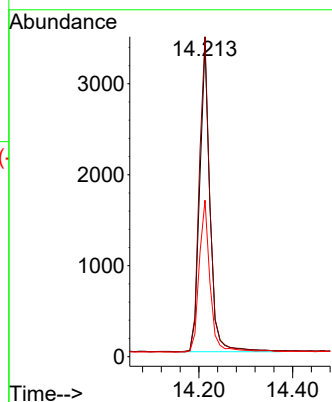
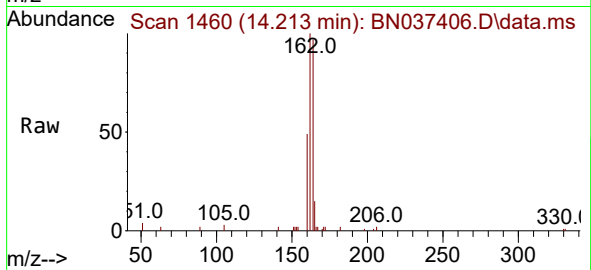




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

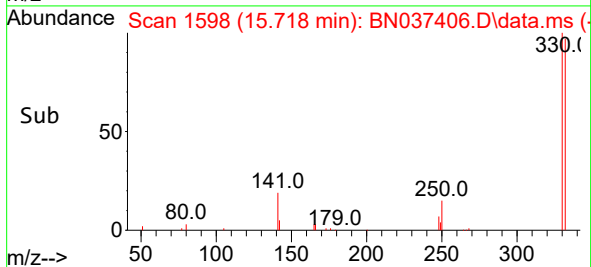
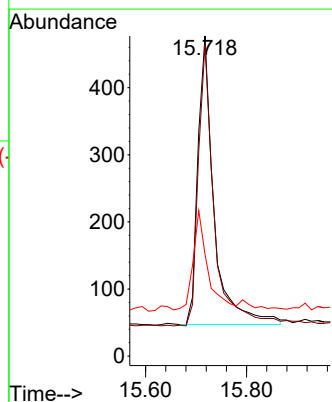
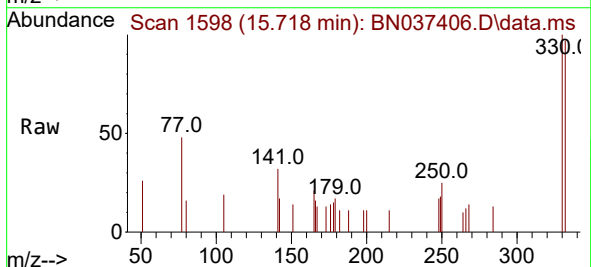
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619

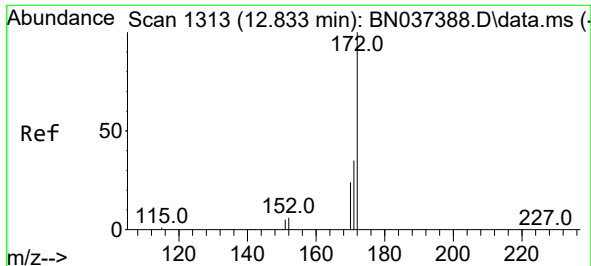
Tgt Ion:164 Resp: 5176
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 50.2 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

Tgt Ion:330 Resp: 962
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 30.5 24.0 36.0

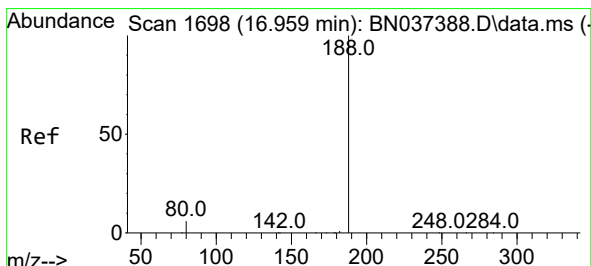
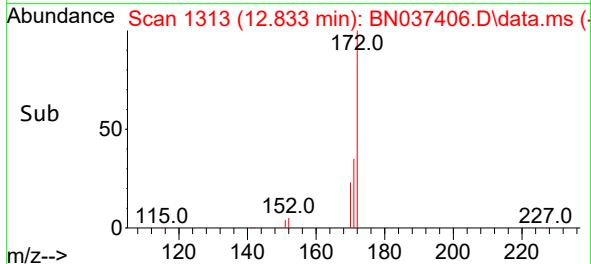
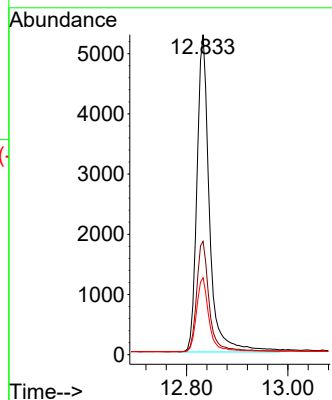
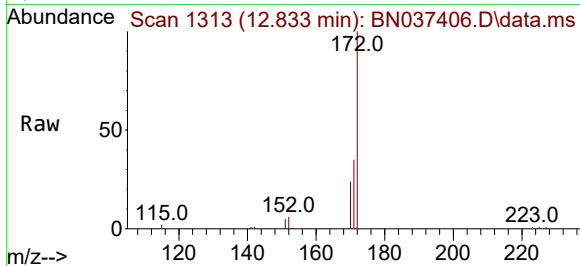




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

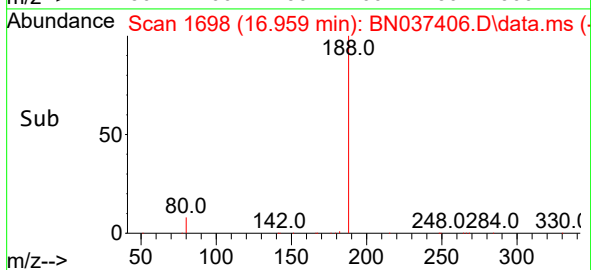
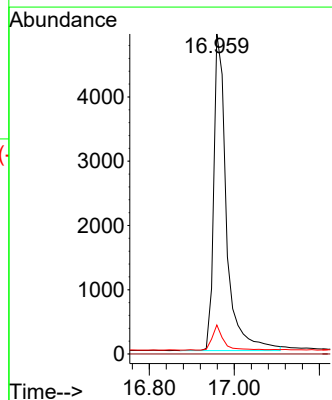
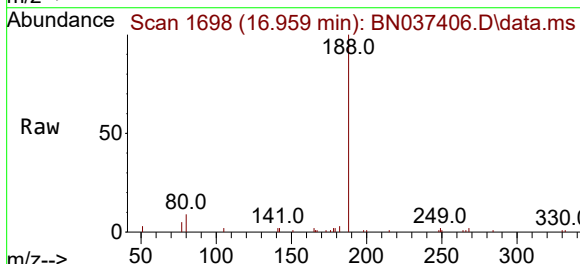
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619

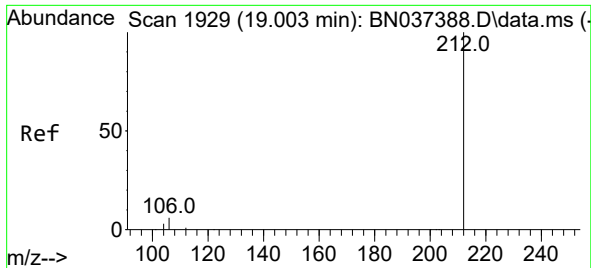
Tgt Ion:172	Resp:	9051
Ion Ratio	Lower	Upper
172	100	
171	35.4	28.8 43.2
170	24.0	20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.959 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN037406.D
Acq: 26 Jun 2025 23:27

Tgt Ion:188	Resp:	10276
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.0	6.2 9.4

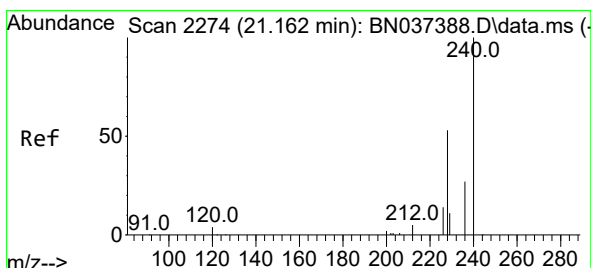
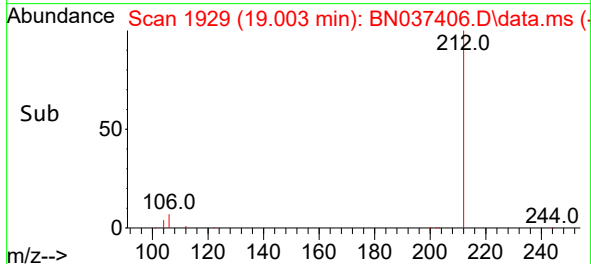
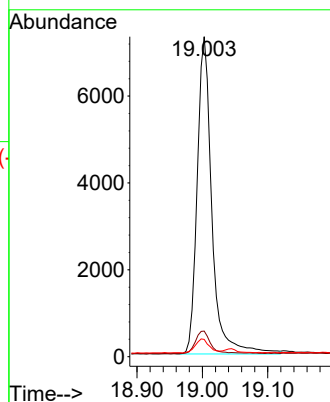
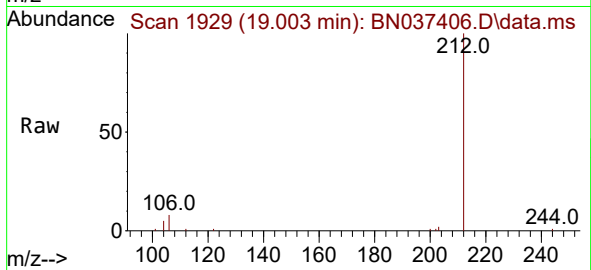




#27
 Fluoranthene-d10
 Concen: 0.387 ng
 RT: 19.003 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BN037406.D
 Acq: 26 Jun 2025 23:27

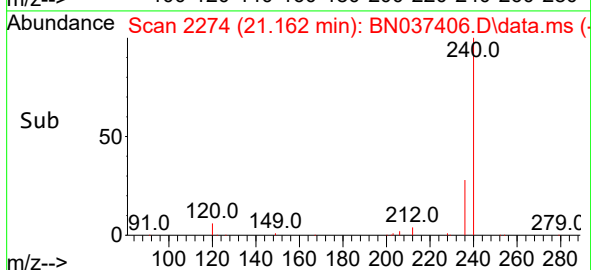
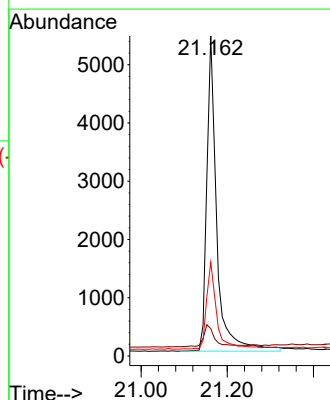
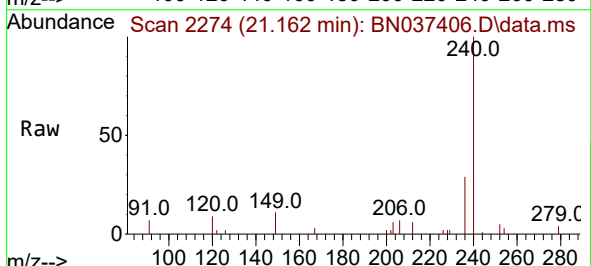
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619

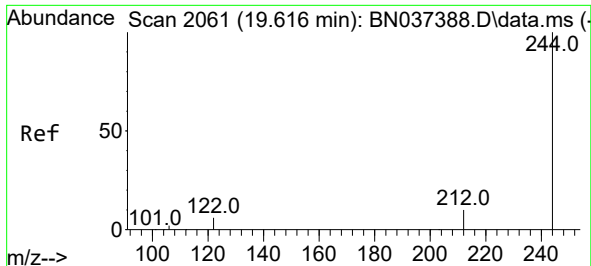
Tgt Ion:212 Resp: 11403
 Ion Ratio Lower Upper
 212 100
 106 7.7 4.5 6.7#
 104 4.2 2.7 4.1#



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.162 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BN037406.D
 Acq: 26 Jun 2025 23:27

Tgt Ion:240 Resp: 8698
 Ion Ratio Lower Upper
 240 100
 120 8.6 5.3 7.9#
 236 29.3 22.7 34.1

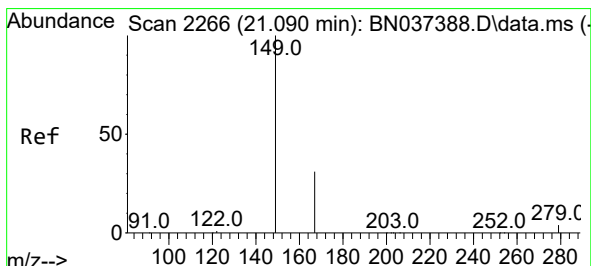
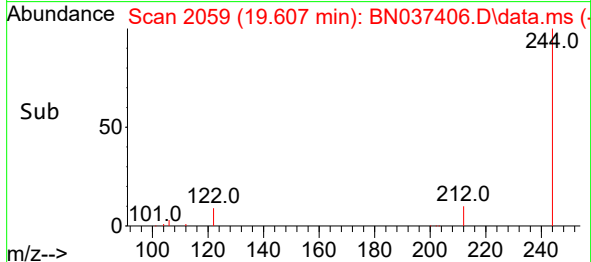
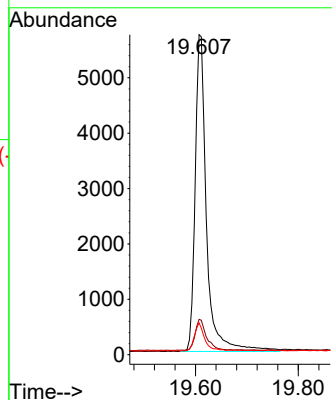
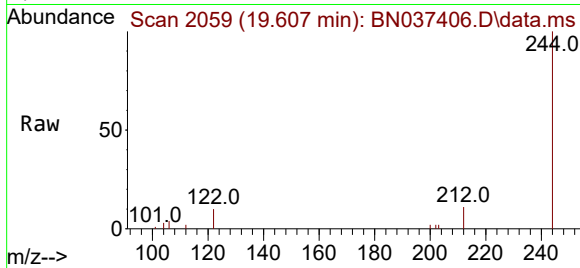




#31
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.607 min Scan# 2061
 Delta R.T. -0.009 min
 Lab File: BN037406.D
 Acq: 26 Jun 2025 23:27

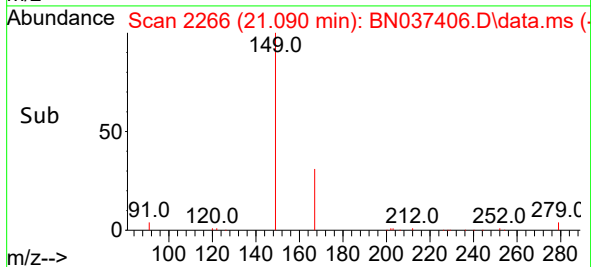
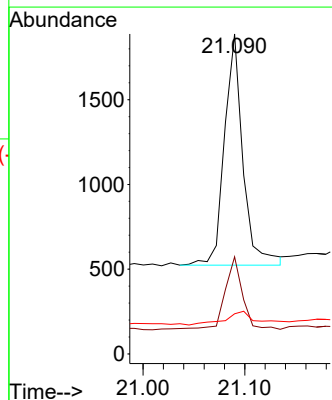
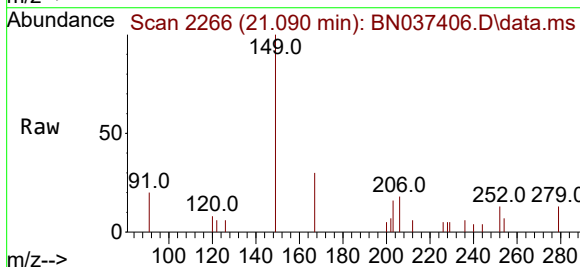
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619

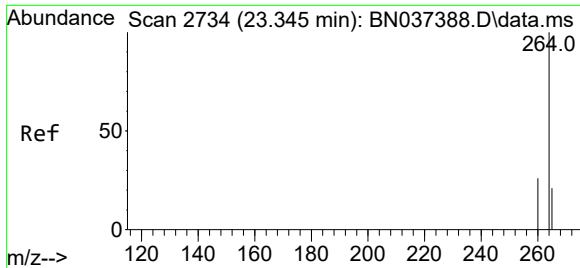
Tgt Ion:244 Resp: 8820
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.1 13.7
 122 9.9 6.3 9.5#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.159 ng
 RT: 21.090 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: BN037406.D
 Acq: 26 Jun 2025 23:27

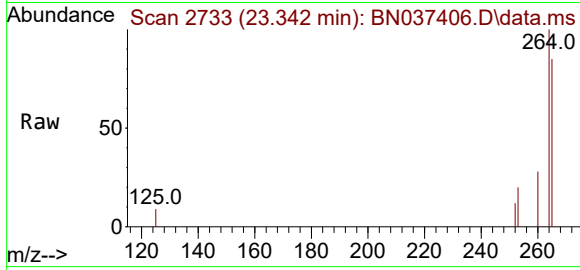
Tgt Ion:149 Resp: 1717
 Ion Ratio Lower Upper
 149 100
 167 29.1 24.8 37.2
 279 10.3 5.0 7.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.342 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037406.D
 Acq: 26 Jun 2025 23:27

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619



Tgt Ion:264 Resp: 8344
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.4 32.0
 265 85.2 56.2 84.4#

