

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
 Data File : BN037936.D
 Acq On : 29 Sep 2025 14:32
 Operator : RC/JU
 Sample : Q3165-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262

Quant Time: Sep 29 14:56:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

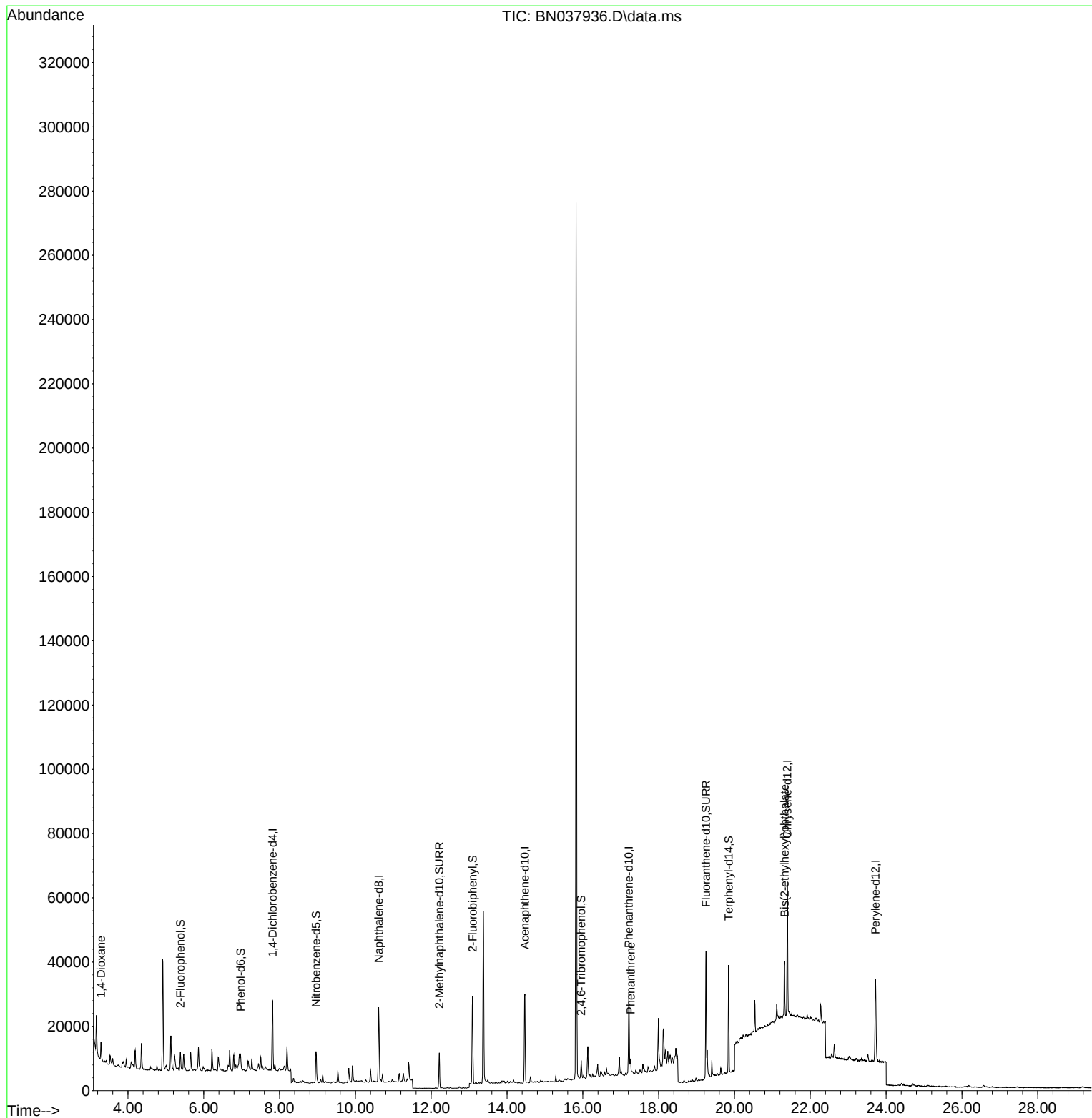
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	9861	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	30069	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	16737	0.400	ng	0.00
19) Phenanthrene-d10	17.211	188	35434	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	36101	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	36307	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	4259	0.189	ng	0.00
5) Phenol-d6	6.973	99	3855	0.130	ng	0.00
8) Nitrobenzene-d5	8.961	82	7422	0.324	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	14236	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	2939	0.463	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	23787	0.347	ng	0.00
27) Fluoranthene-d10	19.248	212	41170	0.462	ng	0.00
31) Terphenyl-d14	19.847	244	31102	0.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3658	0.365	ng	# 76
25) Phenanthrene	17.260	178	4282	0.037	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.322	149	18281	0.366	ng	97

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

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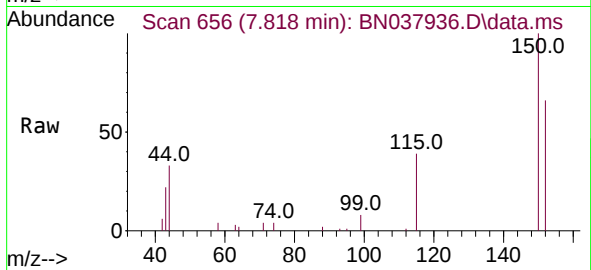
Quant Time: Sep 29 14:56:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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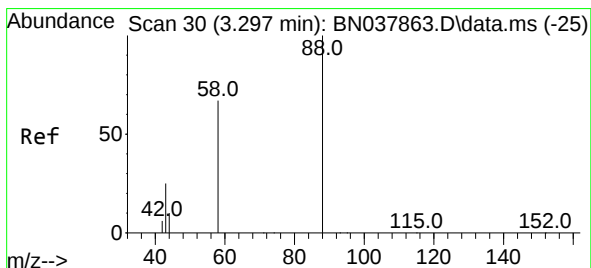
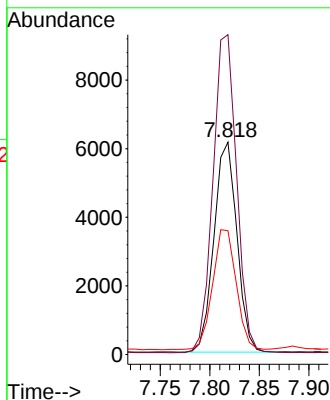
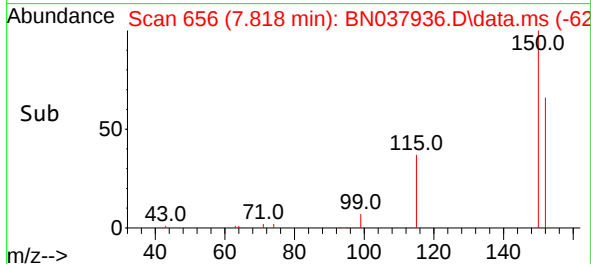


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32

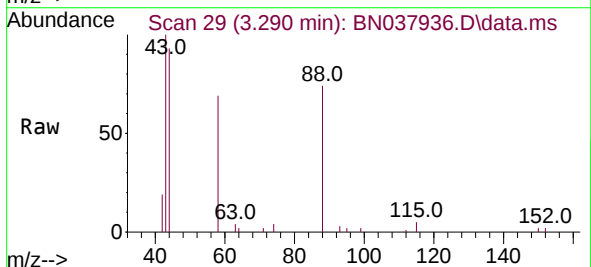
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262



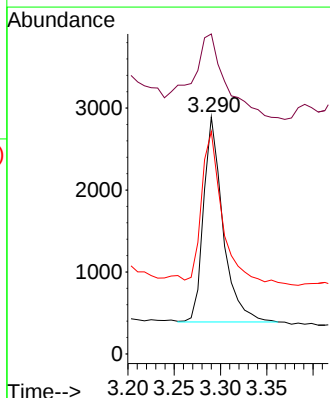
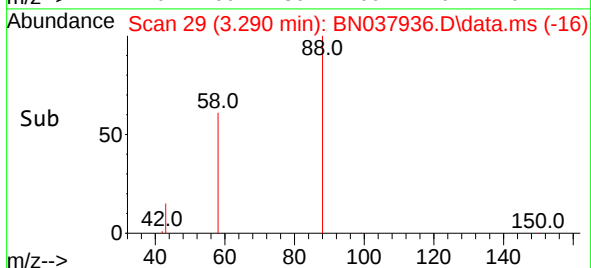
Tgt Ion:152 Resp: 9861
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.0 181.4
 115 58.3 47.4 71.0

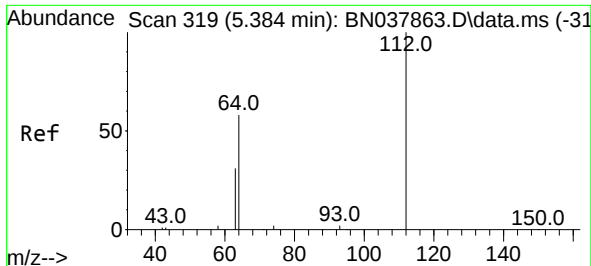


#2
 1,4-Dioxane
 Concen: 0.365 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32



Tgt Ion: 88 Resp: 3658
 Ion Ratio Lower Upper
 88 100
 43 73.1 26.6 39.8#
 58 76.3 58.9 88.3

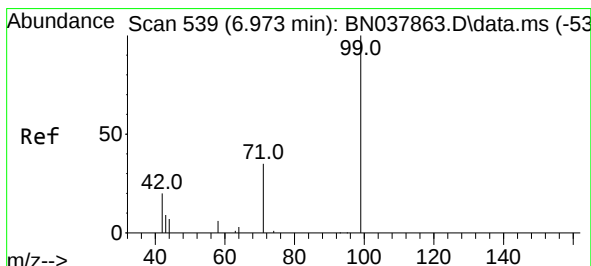
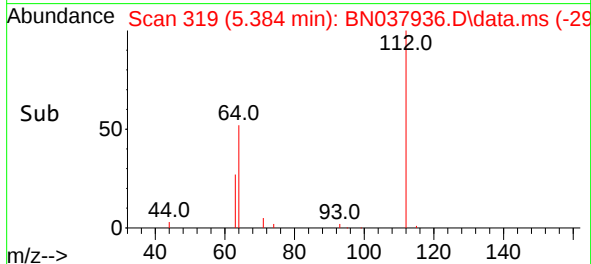
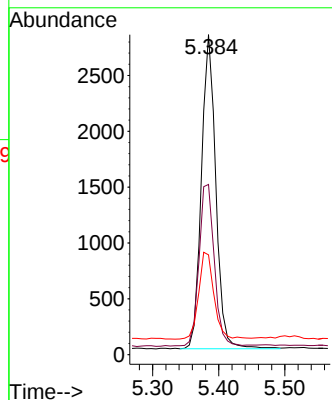
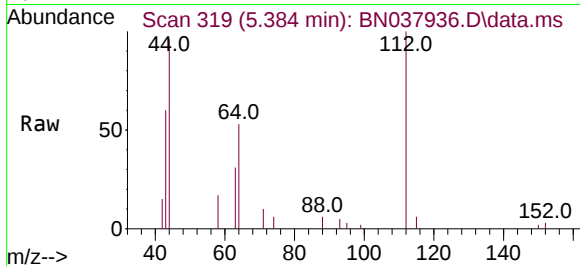




#4
2-Fluorophenol
Concen: 0.189 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

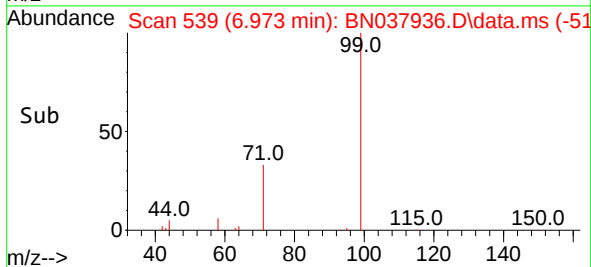
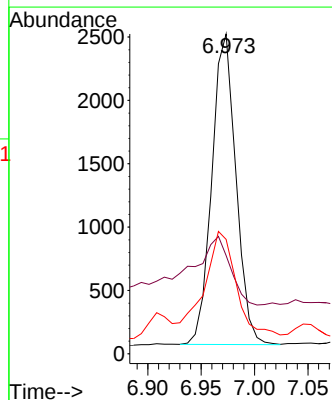
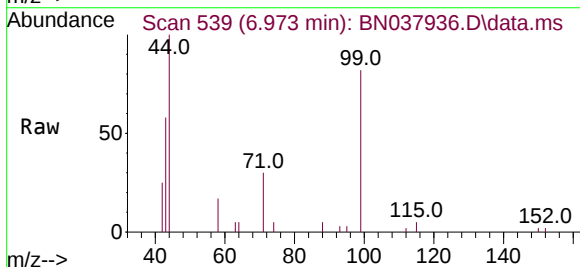
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

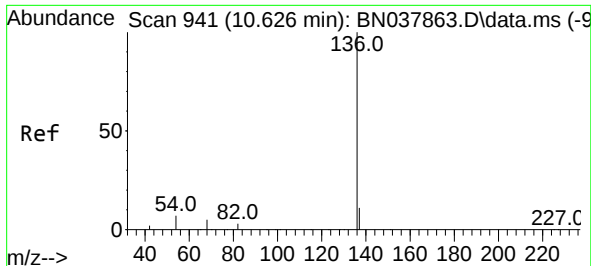
Tgt Ion:	112	Resp:	4259
Ion	Ratio	Lower	Upper
112	100		
64	54.9	44.6	66.8
63	29.5	24.9	37.3



#5
Phenol-d6
Concen: 0.130 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion:	99	Resp:	3855
Ion	Ratio	Lower	Upper
99	100		
42	46.9	17.2	25.8#
71	47.7	27.3	40.9#

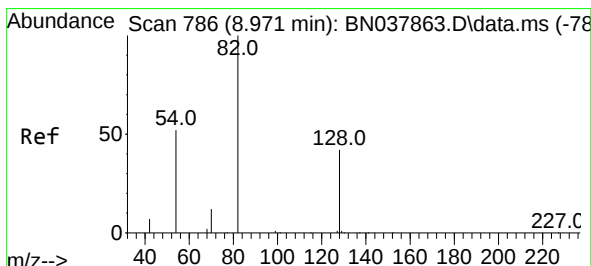
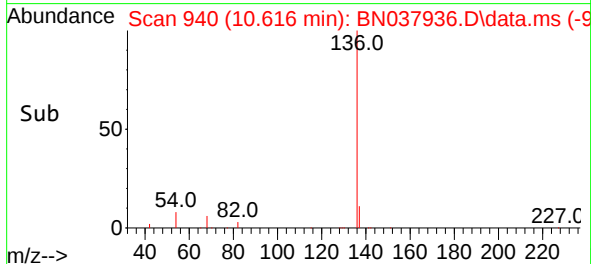
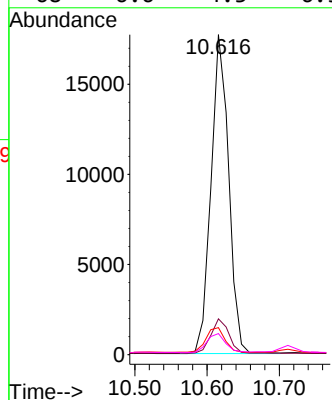
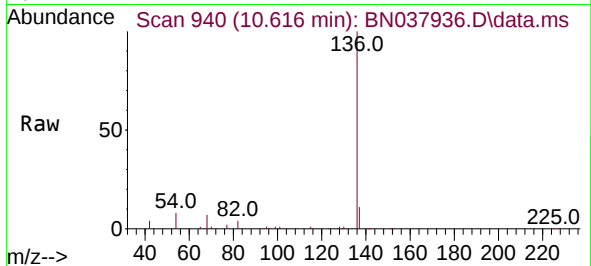




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

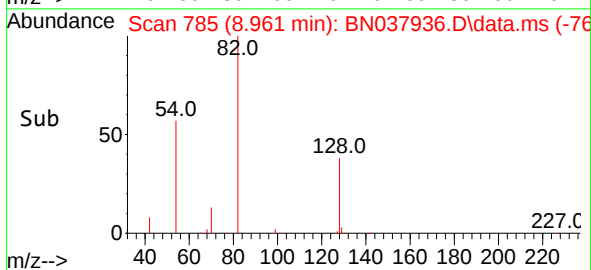
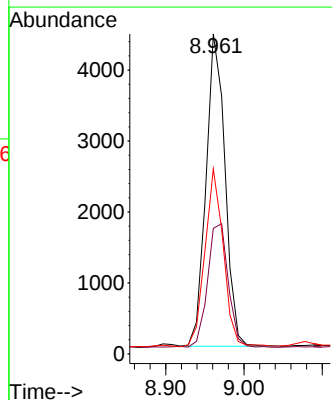
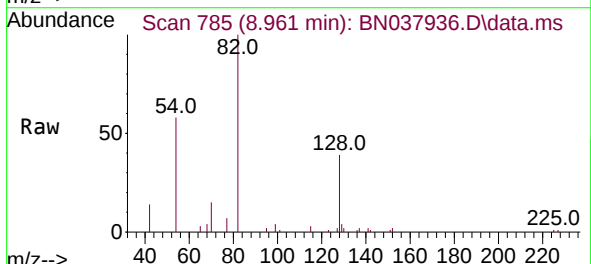
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-260-262

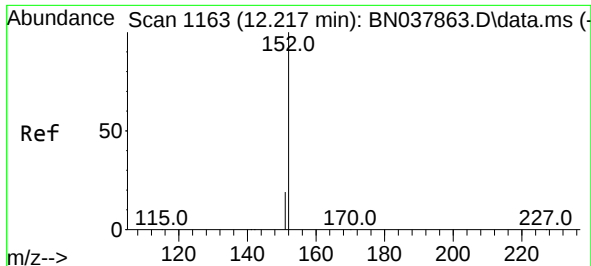
Tgt Ion:	136	Resp:	30069
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	8.4	5.8	8.8
68	6.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion:	82	Resp:	7422
Ion Ratio	Lower	Upper	
82	100		
128	39.2	34.8	52.2
54	57.8	42.2	63.2

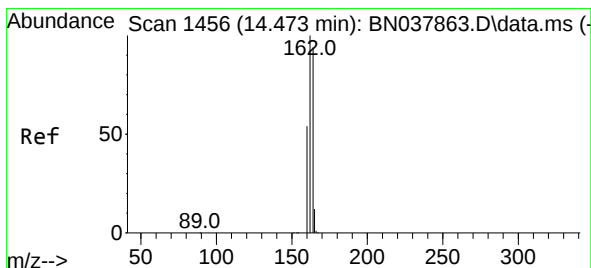
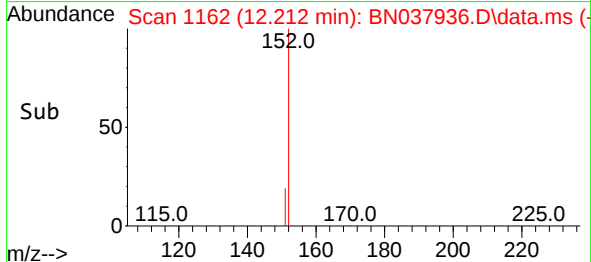
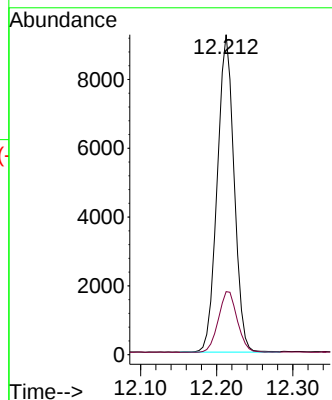
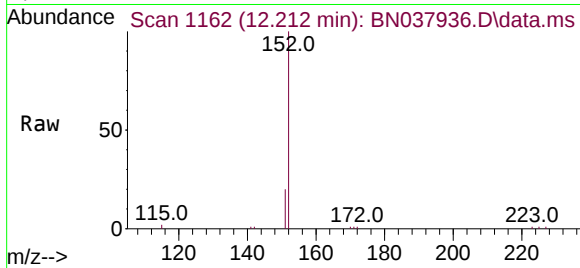




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

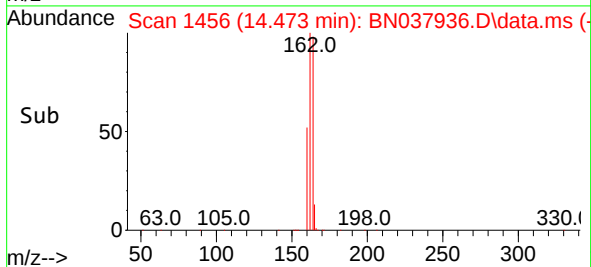
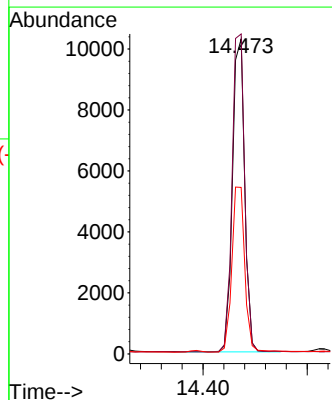
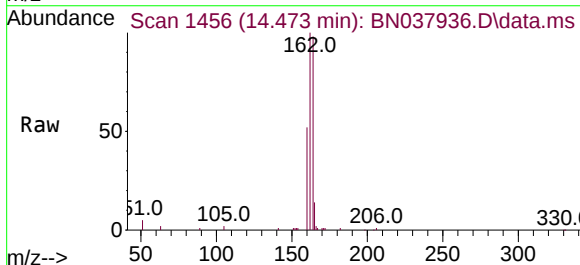
Instrument :
BNA_N
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BP-VPB-184-GW-260-262

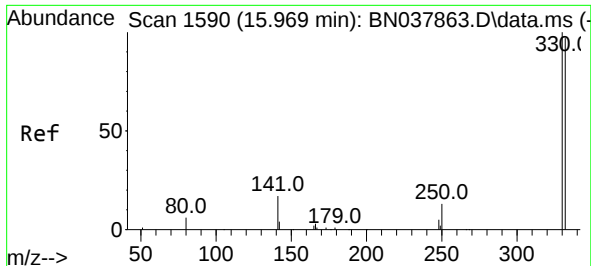
Tgt Ion:152 Resp: 14236
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

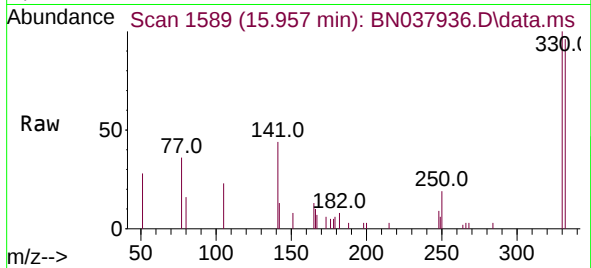
Tgt Ion:164 Resp: 16737
Ion Ratio Lower Upper
164 100
162 101.6 84.8 127.2
160 52.9 46.1 69.1



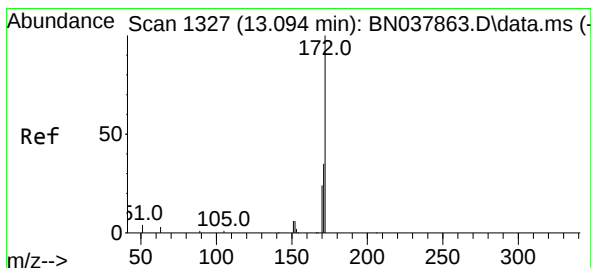
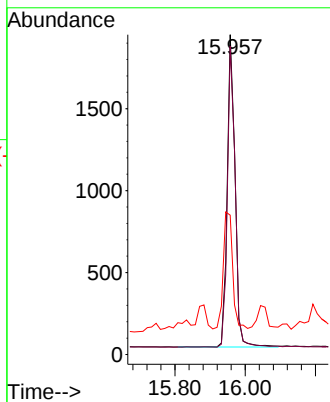
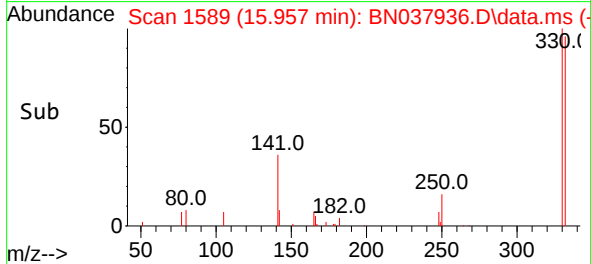


#14
2,4,6-Tribromophenol
Concen: 0.463 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

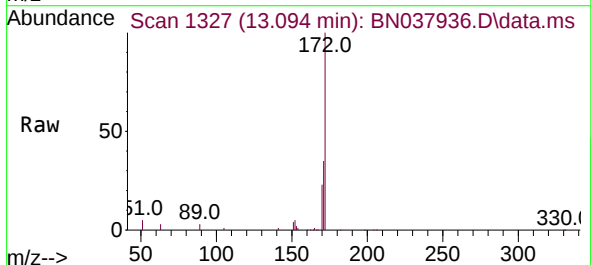
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BP-VPB-184-GW-260-262



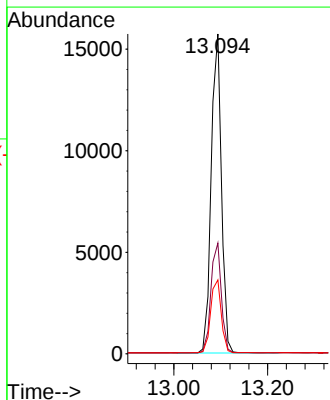
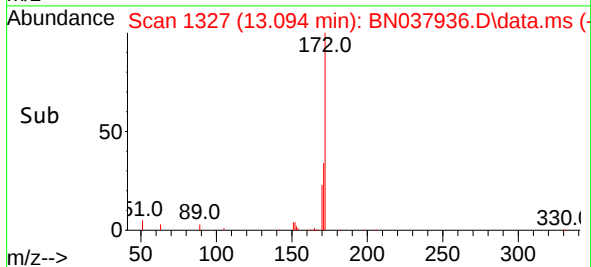
Tgt Ion:330 Resp: 2939
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 44.4 37.2 55.8

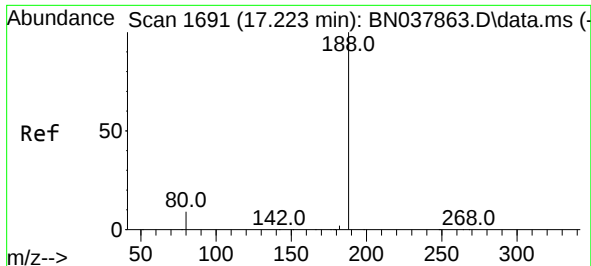


#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32



Tgt Ion:172 Resp: 23787
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.1 19.7 29.5

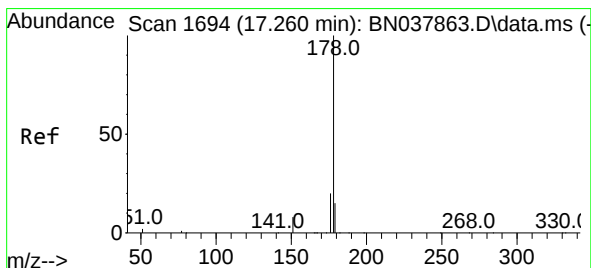
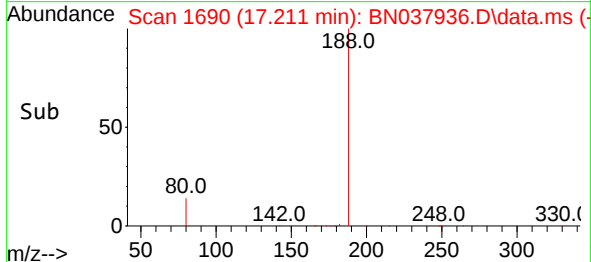
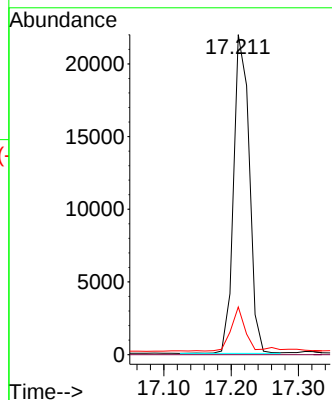
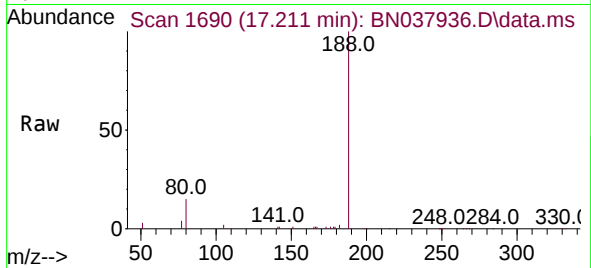




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

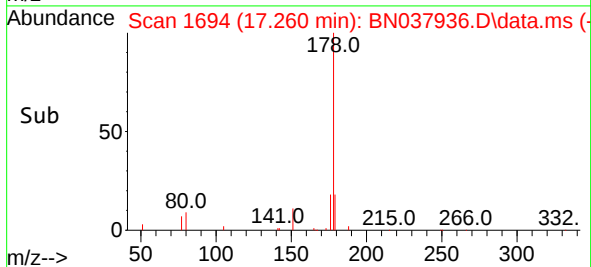
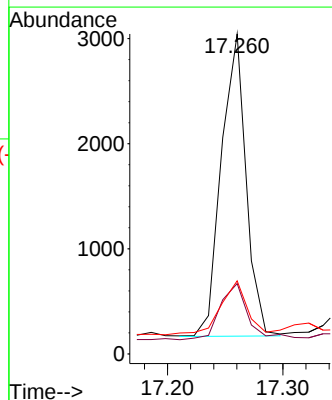
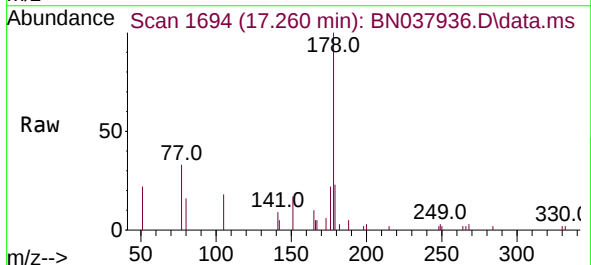
Instrument :
BNA_N
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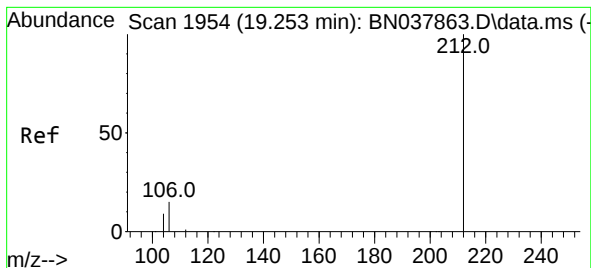
Tgt Ion:188 Resp: 35434
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 7.6 11.4#



#25
Phenanthrene
Concen: 0.037 ng
RT: 17.260 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN037936.D
Acq: 29 Sep 2025 14:32

Tgt Ion:178 Resp: 4282
Ion Ratio Lower Upper
178 100
176 22.1 15.7 23.5
179 21.6 12.3 18.5#





#27

Fluoranthene-d10

Concen: 0.462 ng

RT: 19.248 min Scan# 1953

Delta R.T. -0.005 min

Lab File: BN037936.D

Acq: 29 Sep 2025 14:32

Instrument :

BNA_N

ClientSampleId :

BP-VPB-184-GW-260-262

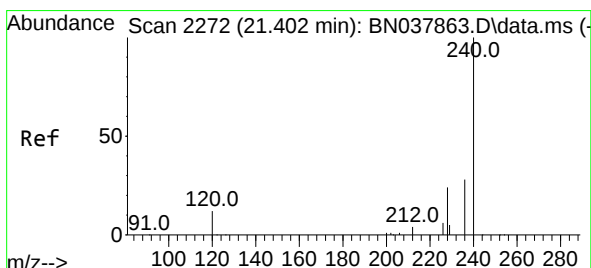
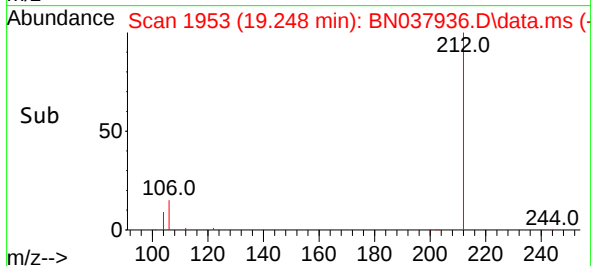
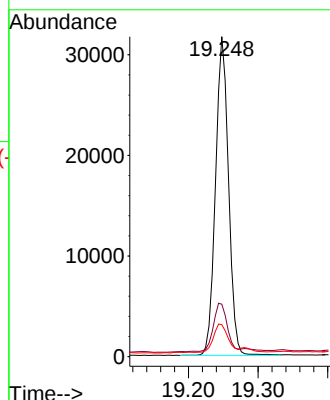
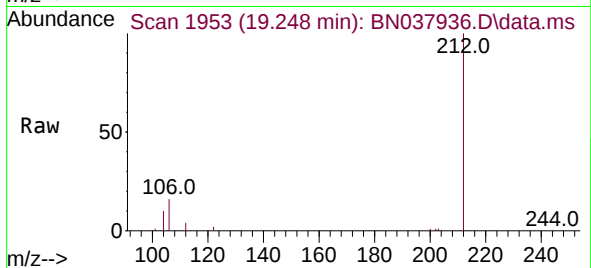
Tgt Ion:212 Resp: 41170

Ion Ratio Lower Upper

212 100

106 17.1 12.6 19.0

104 9.8 7.4 11.0



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 2271

Delta R.T. -0.009 min

Lab File: BN037936.D

Acq: 29 Sep 2025 14:32

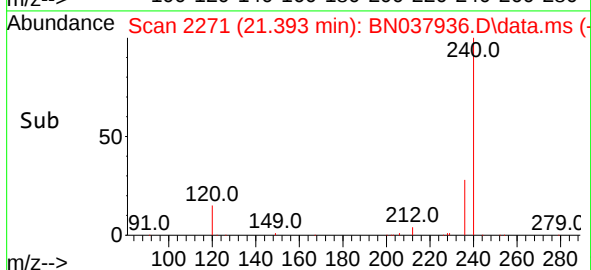
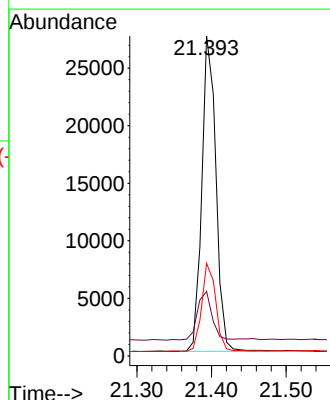
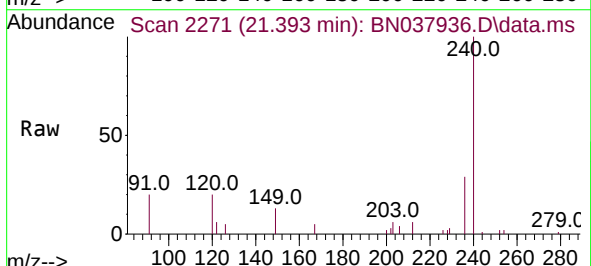
Tgt Ion:240 Resp: 36101

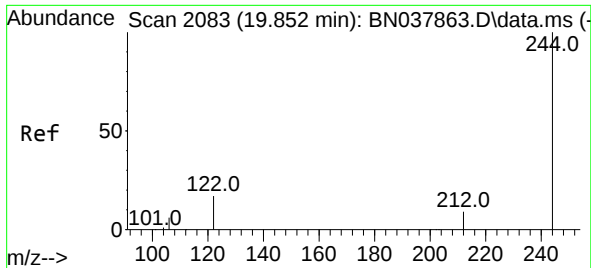
Ion Ratio Lower Upper

240 100

120 20.1 11.4 17.2#

236 28.9 23.0 34.6

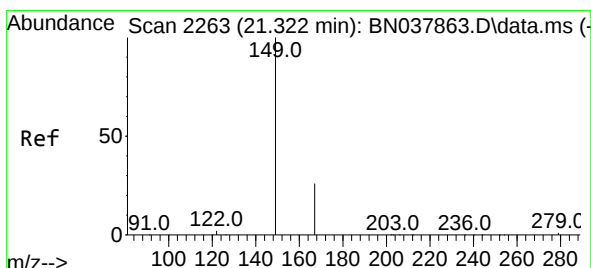
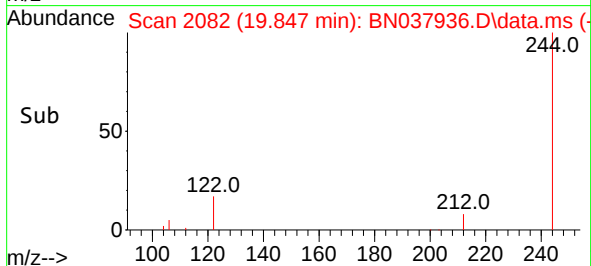
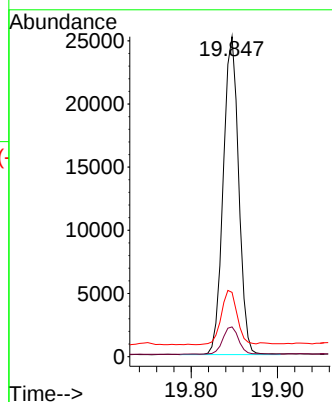
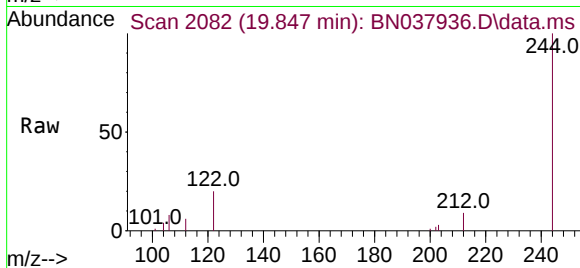




#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.847 min Scan# 2082
 Delta R.T. -0.005 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32

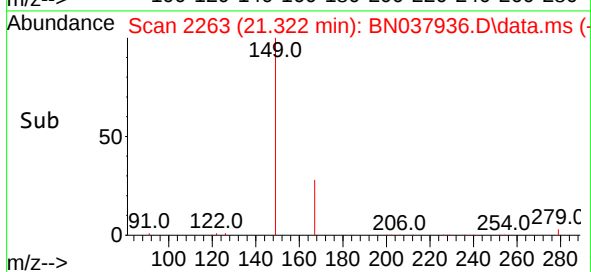
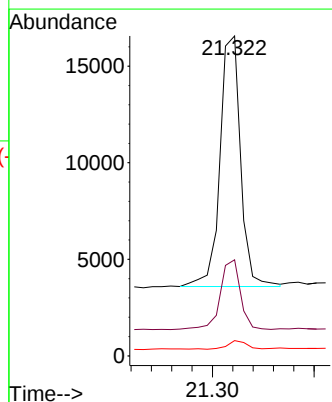
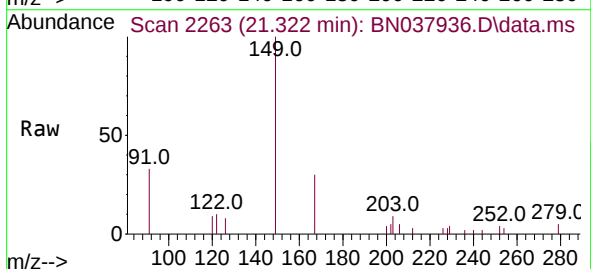
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262

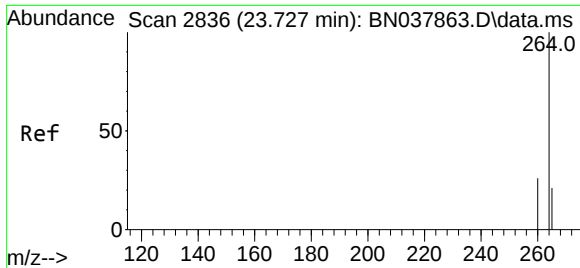
Tgt Ion:244 Resp: 31102
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.6 11.4
 122 20.1 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.366 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32

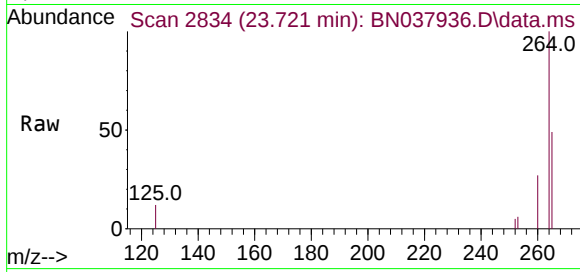
Tgt Ion:149 Resp: 18281
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.4 30.6
 279 3.0 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.721 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BN037936.D
 Acq: 29 Sep 2025 14:32

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-260-262



Tgt Ion: 264 Resp: 36307

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.5	32.3
265	48.8	53.8	80.6

