

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052925\
 Data File : BN037130.D
 Acq On : 29 May 2025 11:42
 Operator : RC/JU
 Sample : Q2118-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542

Quant Time: May 29 12:23:07 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)

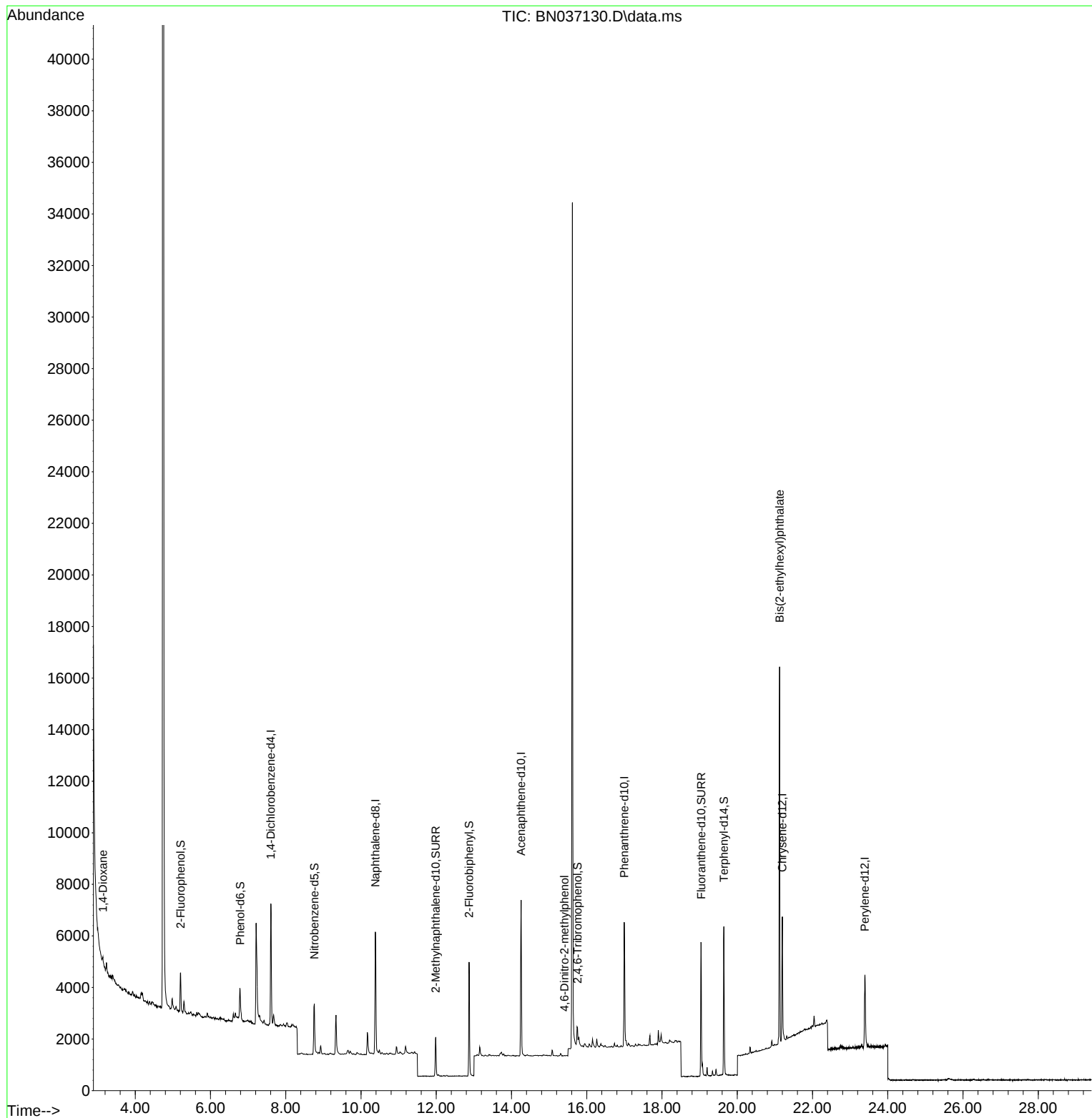
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	2218	0.400	ng	-0.01
7) Naphthalene-d8	10.383	136	5955	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	3394	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	6721	0.400	ng	-0.01
29) Chrysene-d12	21.198	240	4523	0.400	ng	# 0.00
35) Perylene-d12	23.392	264	3829	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1087	0.187	ng	0.00
5) Phenol-d6	6.788	99	985	0.135	ng	0.00
8) Nitrobenzene-d5	8.760	82	1746	0.269	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2186	0.261	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	454	0.305	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	4172	0.268	ng	-0.02
27) Fluoranthene-d10	19.040	212	5895	0.320	ng	0.00
31) Terphenyl-d14	19.644	244	5265	0.544	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	156	0.057	ng	# 17
20) 4,6-Dinitro-2-methylph...	15.411	198	13	0.033	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	13273	1.266	ng	99

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

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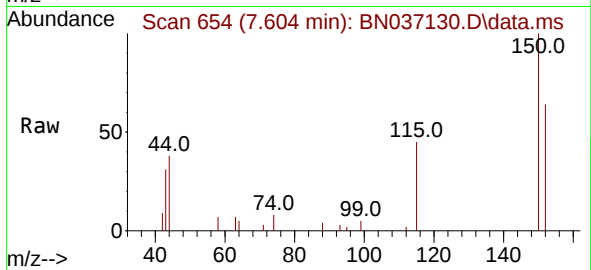
Quant Time: May 29 12:23:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



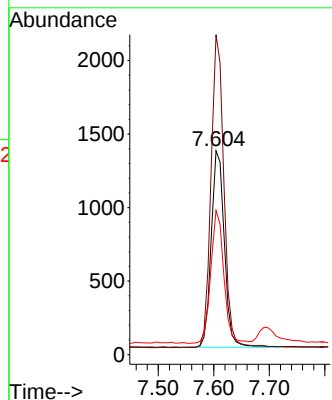
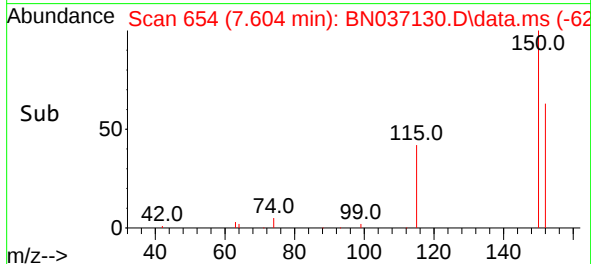


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.604 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037130.D
 Acq: 29 May 2025 11:42

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542

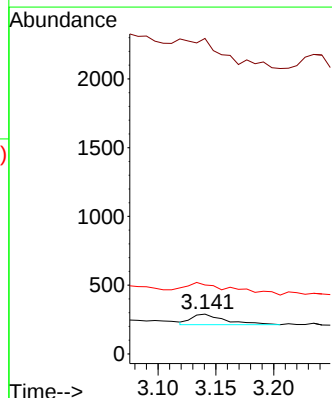
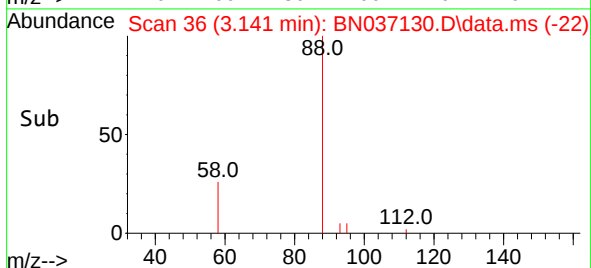
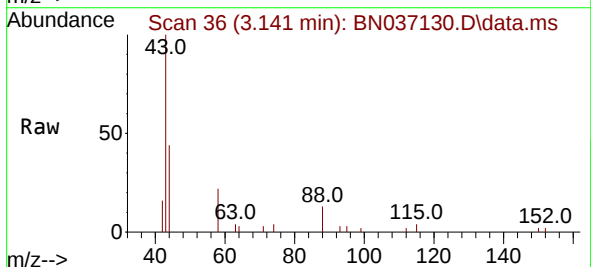


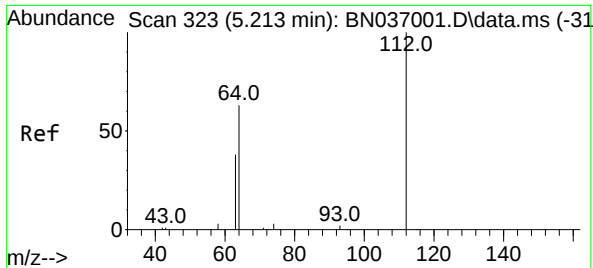
Tgt Ion:152 Resp: 2218
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.9 185.9
 115 70.7 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.057 ng
 RT: 3.141 min Scan# 36
 Delta R.T. 0.001 min
 Lab File: BN037130.D
 Acq: 29 May 2025 11:42

Tgt Ion: 88 Resp: 156
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.4 56.0#
 58 168.6 68.8 103.2#





#4

2-Fluorophenol

Concen: 0.187 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037130.D

Acq: 29 May 2025 11:42

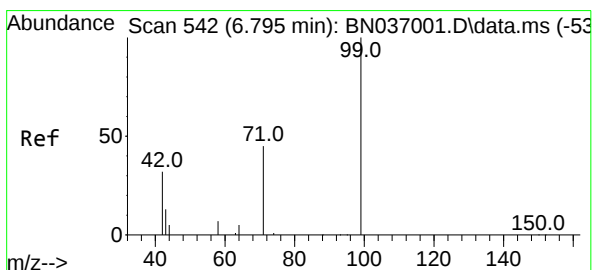
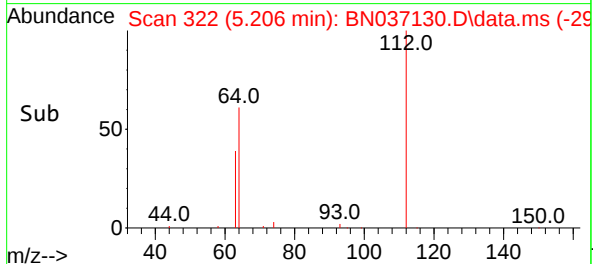
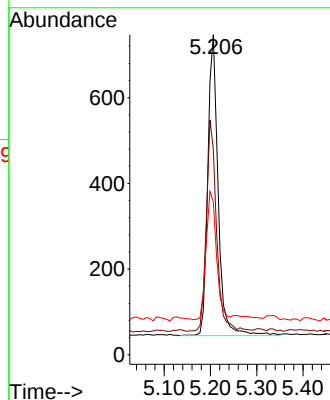
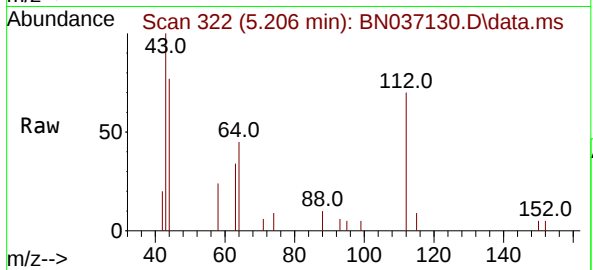
Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-540-542

Tgt Ion:	112	Resp:	1087
Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.7	83.5
63	43.4	34.6	51.8



#5

Phenol-d6

Concen: 0.135 ng

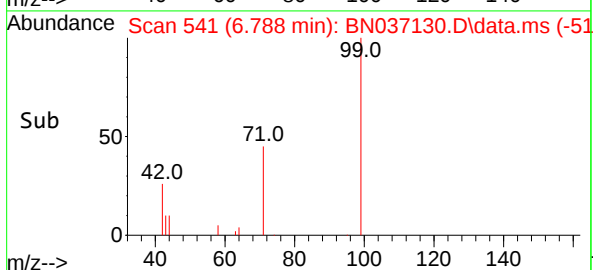
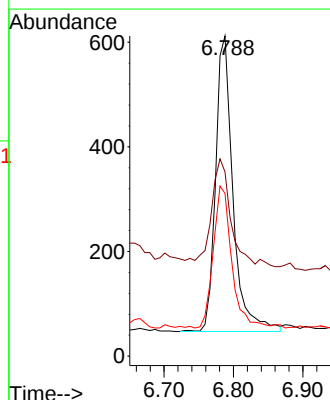
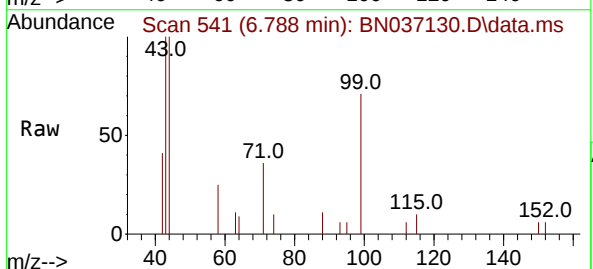
RT: 6.788 min Scan# 541

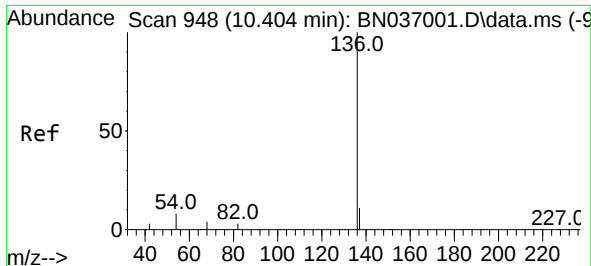
Delta R.T. -0.007 min

Lab File: BN037130.D

Acq: 29 May 2025 11:42

Tgt Ion:	99	Resp:	985
Ion	Ratio	Lower	Upper
99	100		
42	37.0	29.3	43.9
71	51.2	35.7	53.5

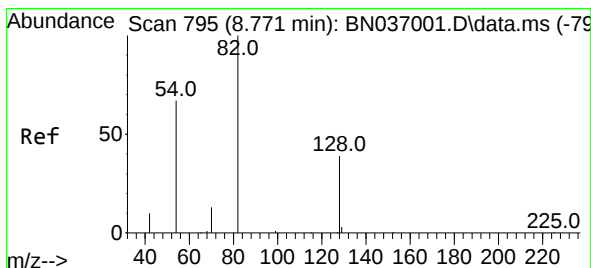
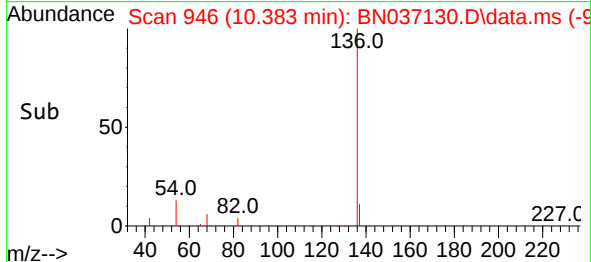
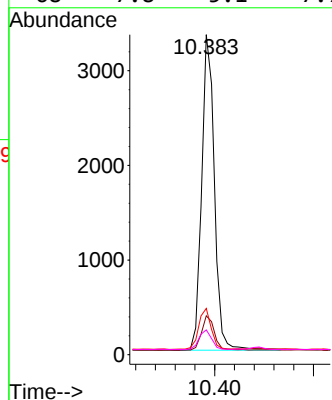
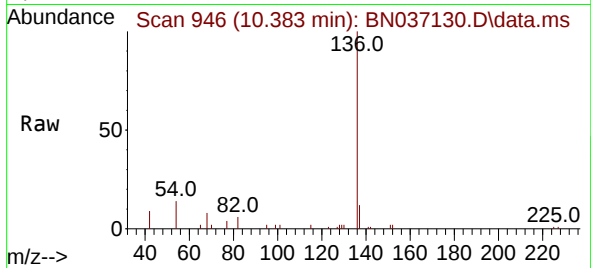




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 948
Delta R.T. -0.021 min
Lab File: BN037130.D
Acq: 29 May 2025 11:42

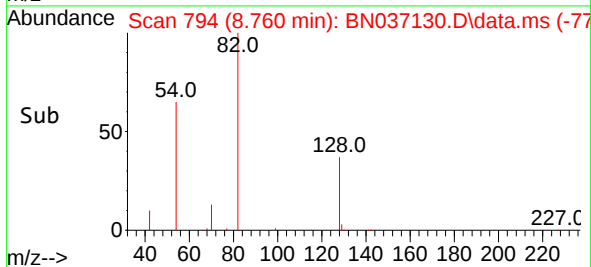
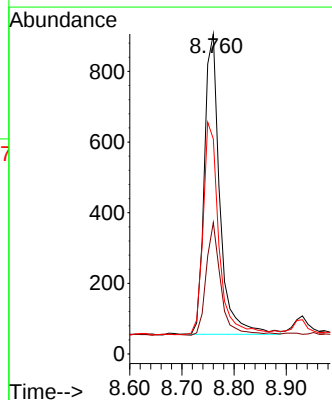
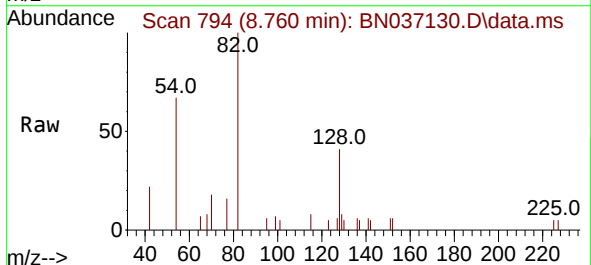
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

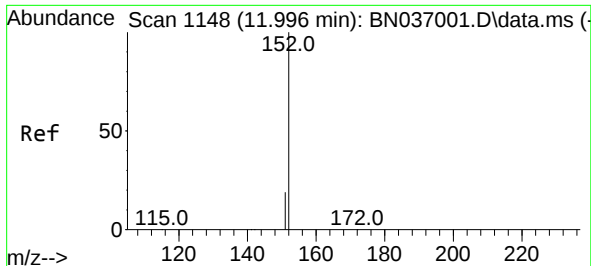
Tgt Ion:	136	Resp:	5955
Ion Ratio	Lower	Upper	
136	100		
137	12.2	10.4	15.6
54	14.5	8.5	12.7#
68	7.8	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037130.D
Acq: 29 May 2025 11:42

Tgt Ion:	82	Resp:	1746
Ion Ratio	Lower	Upper	
82	100		
128	41.1	34.0	51.0
54	67.2	55.0	82.4

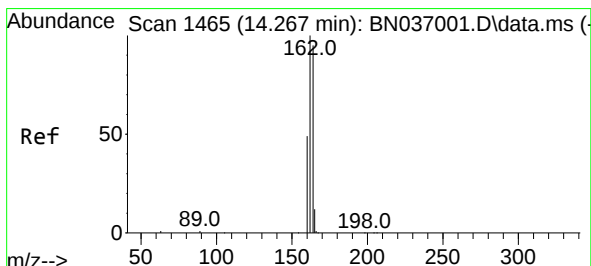
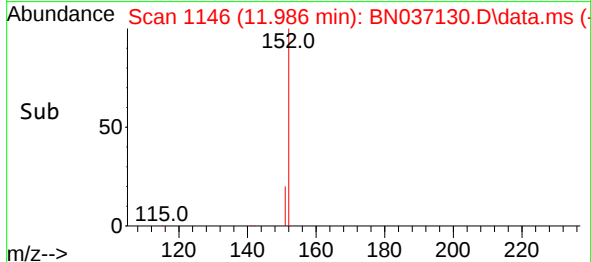
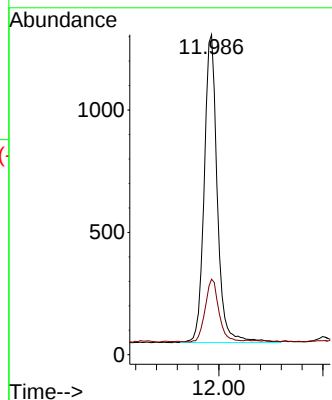
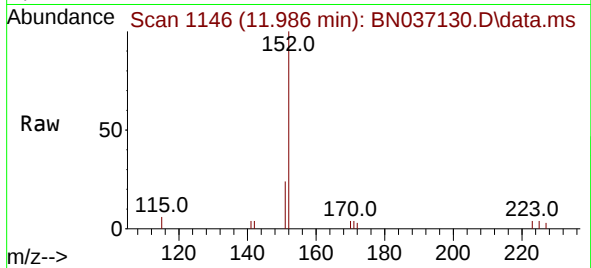




#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037130.D
Acq: 29 May 2025 11:42

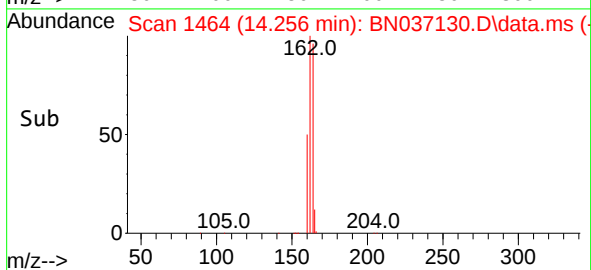
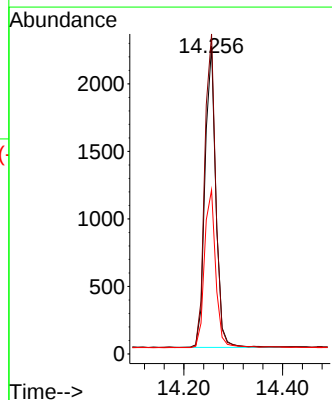
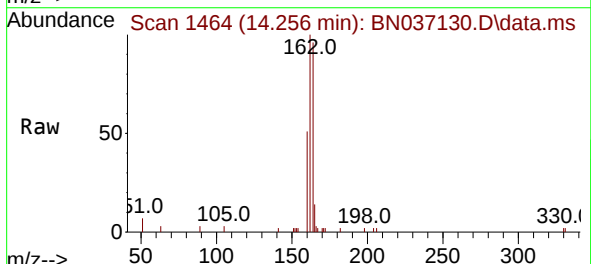
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

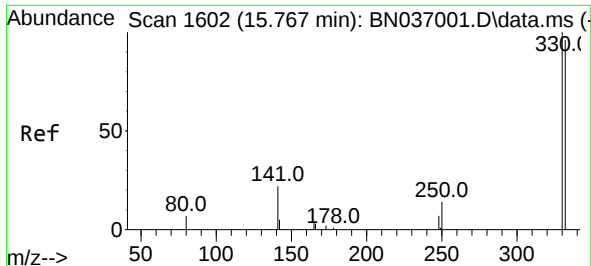
Tgt Ion:152 Resp: 2186
Ion Ratio Lower Upper
152 100
151 21.3 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037130.D
Acq: 29 May 2025 11:42

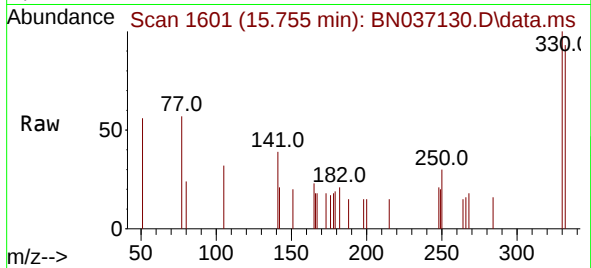
Tgt Ion:164 Resp: 3394
Ion Ratio Lower Upper
164 100
162 104.0 84.2 126.4
160 53.3 42.6 63.8



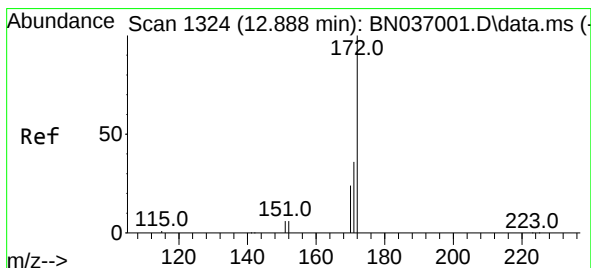
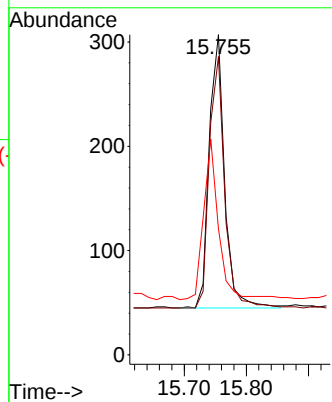
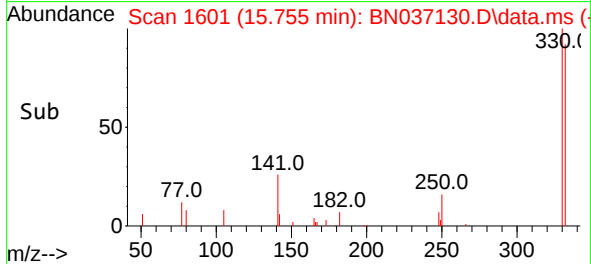


#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037130.D
Acq: 29 May 2025 11:42

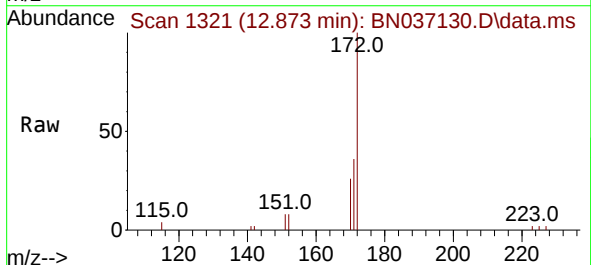
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542



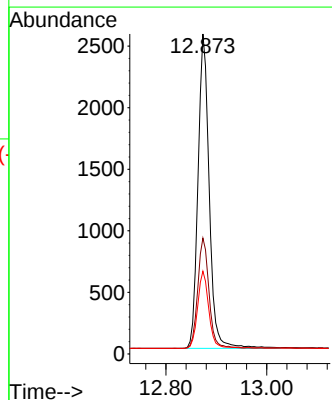
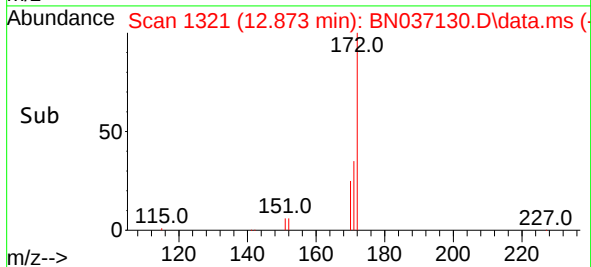
Tgt Ion:330 Resp: 454
Ion Ratio Lower Upper
330 100
332 91.6 73.8 110.8
141 57.7 43.9 65.9

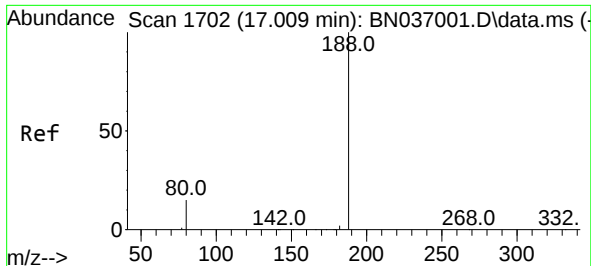


#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.873 min Scan# 1321
Delta R.T. -0.015 min
Lab File: BN037130.D
Acq: 29 May 2025 11:42



Tgt Ion:172 Resp: 4172
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 25.9 20.5 30.7

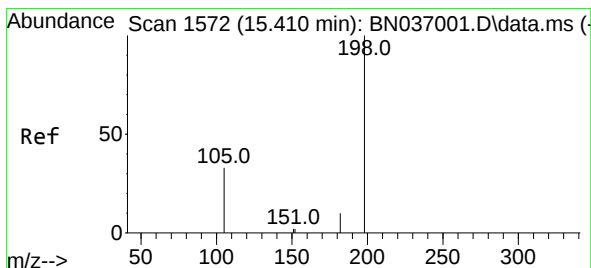
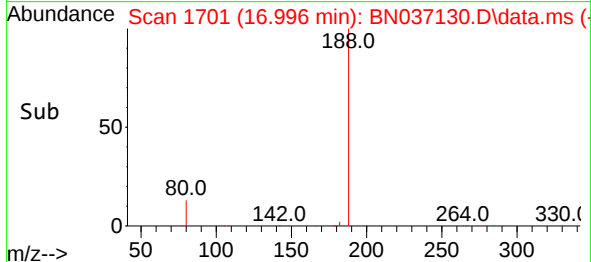
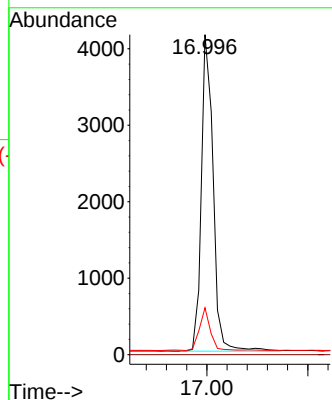
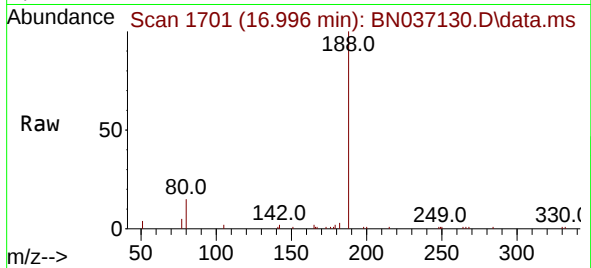




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BN037130.D
Acq: 29 May 2025 11:42

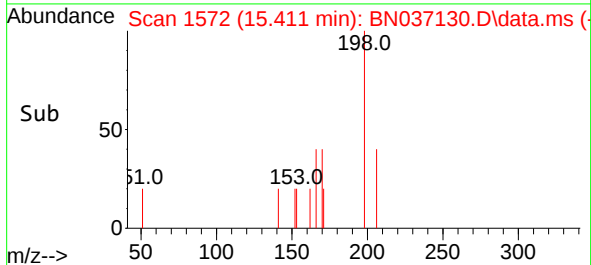
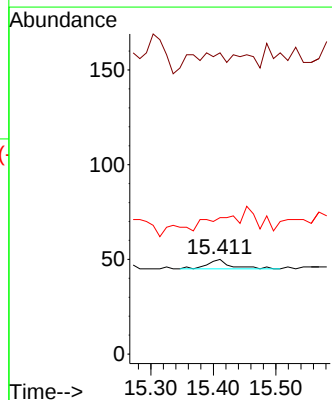
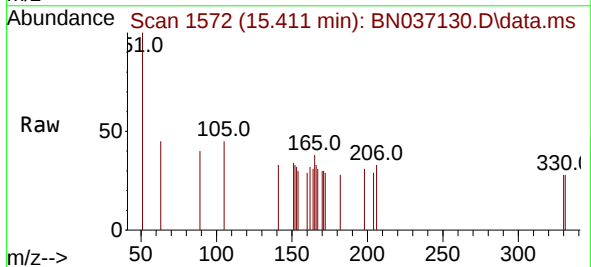
Instrument :
BNA_N
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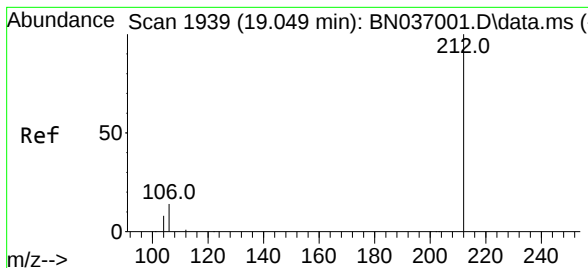
Tgt Ion:188 Resp: 6721
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 13.4 20.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.033 ng
RT: 15.411 min Scan# 1572
Delta R.T. 0.001 min
Lab File: BN037130.D
Acq: 29 May 2025 11:42

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 318.0 87.8 131.6#
105 144.0 44.2 66.4#





#27

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.040 min Scan# 1937

Delta R.T. -0.009 min

Lab File: BN037130.D

Acq: 29 May 2025 11:42

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-540-542

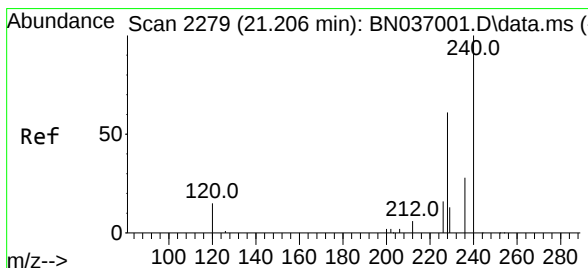
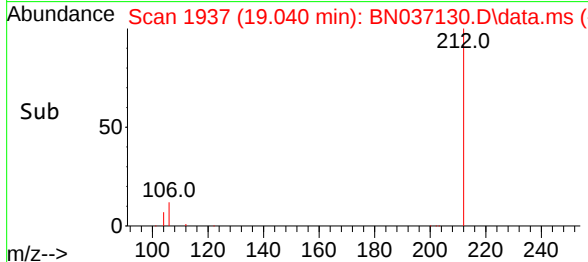
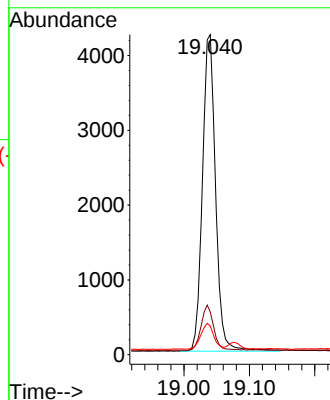
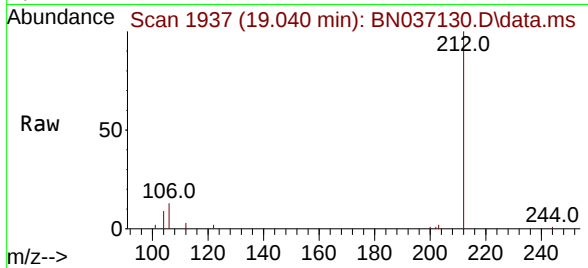
Tgt Ion:212 Resp: 5895

Ion Ratio Lower Upper

212 100

106 13.7 11.3 16.9

104 7.8 6.7 10.1



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.198 min Scan# 2278

Delta R.T. -0.009 min

Lab File: BN037130.D

Acq: 29 May 2025 11:42

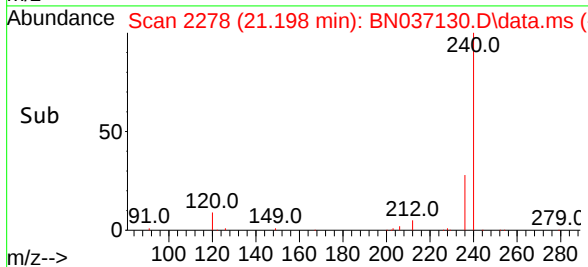
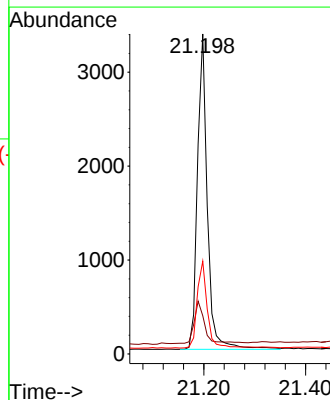
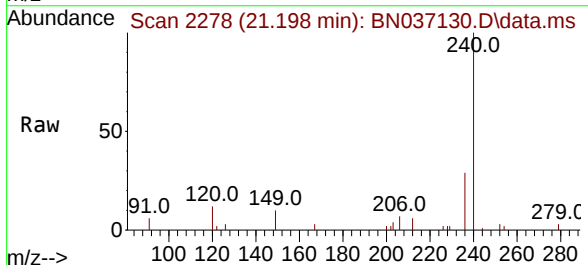
Tgt Ion:240 Resp: 4523

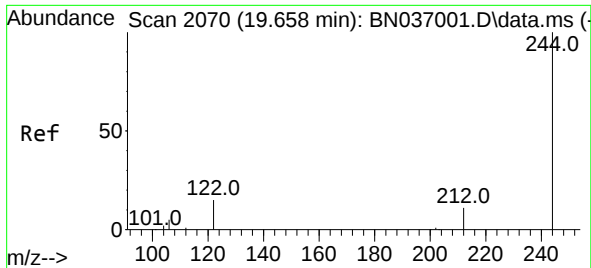
Ion Ratio Lower Upper

240 100

120 11.9 15.1 22.7#

236 29.0 24.0 36.0

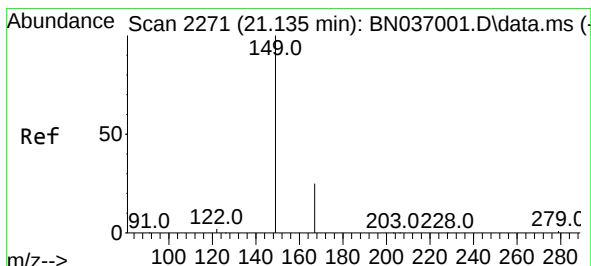
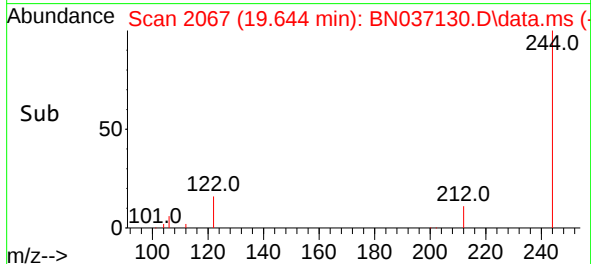
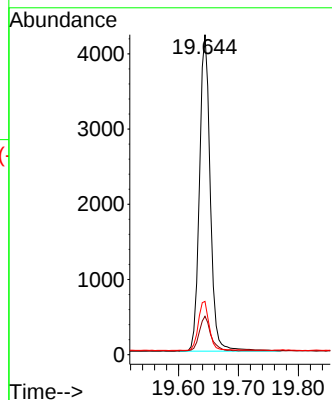
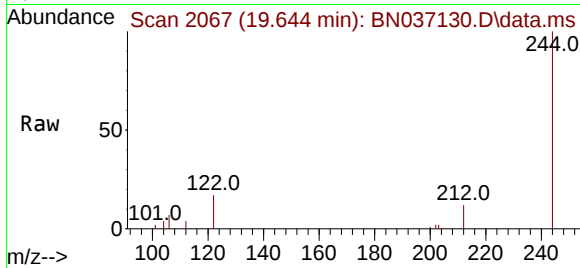




#31
 Terphenyl-d14
 Concen: 0.544 ng
 RT: 19.644 min Scan# 2070
 Delta R.T. -0.014 min
 Lab File: BN037130.D
 Acq: 29 May 2025 11:42

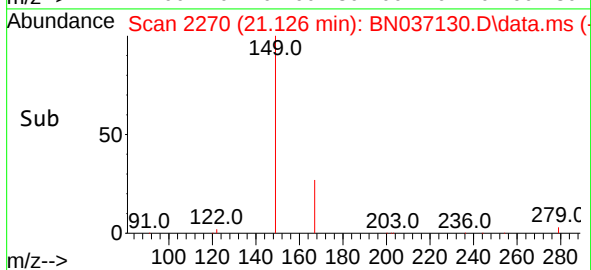
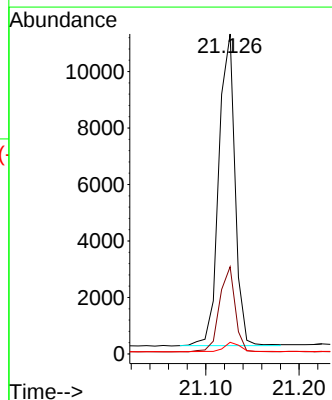
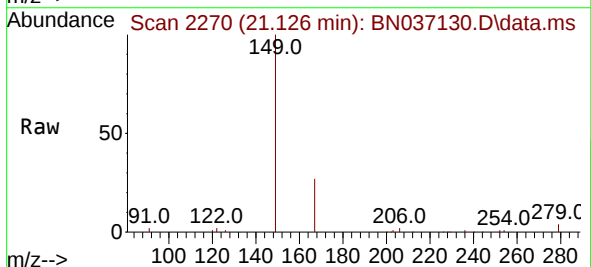
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542

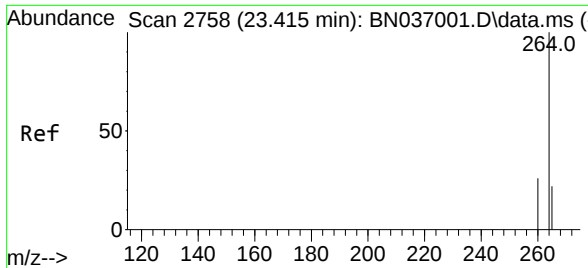
Tgt Ion:244 Resp: 5265
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.7 14.5
 122 16.7 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.266 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037130.D
 Acq: 29 May 2025 11:42

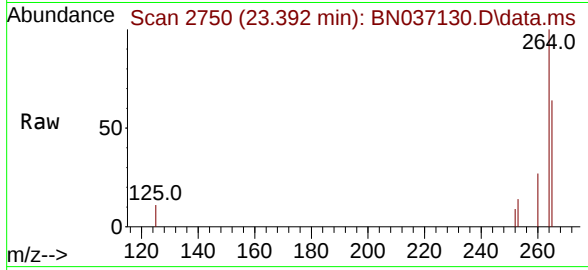
Tgt Ion:149 Resp: 13273
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.6 30.8
 279 3.0 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.392 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BN037130.D
 Acq: 29 May 2025 11:42

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542



Tgt Ion:264 Resp: 3829

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.9	32.9
265	64.2	51.6	77.4

