

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038084.D
 Acq On : 14 Oct 2025 02:31
 Operator : RC/JU
 Sample : PB170061BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170061BL

Quant Time: Oct 14 04:12:44 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)

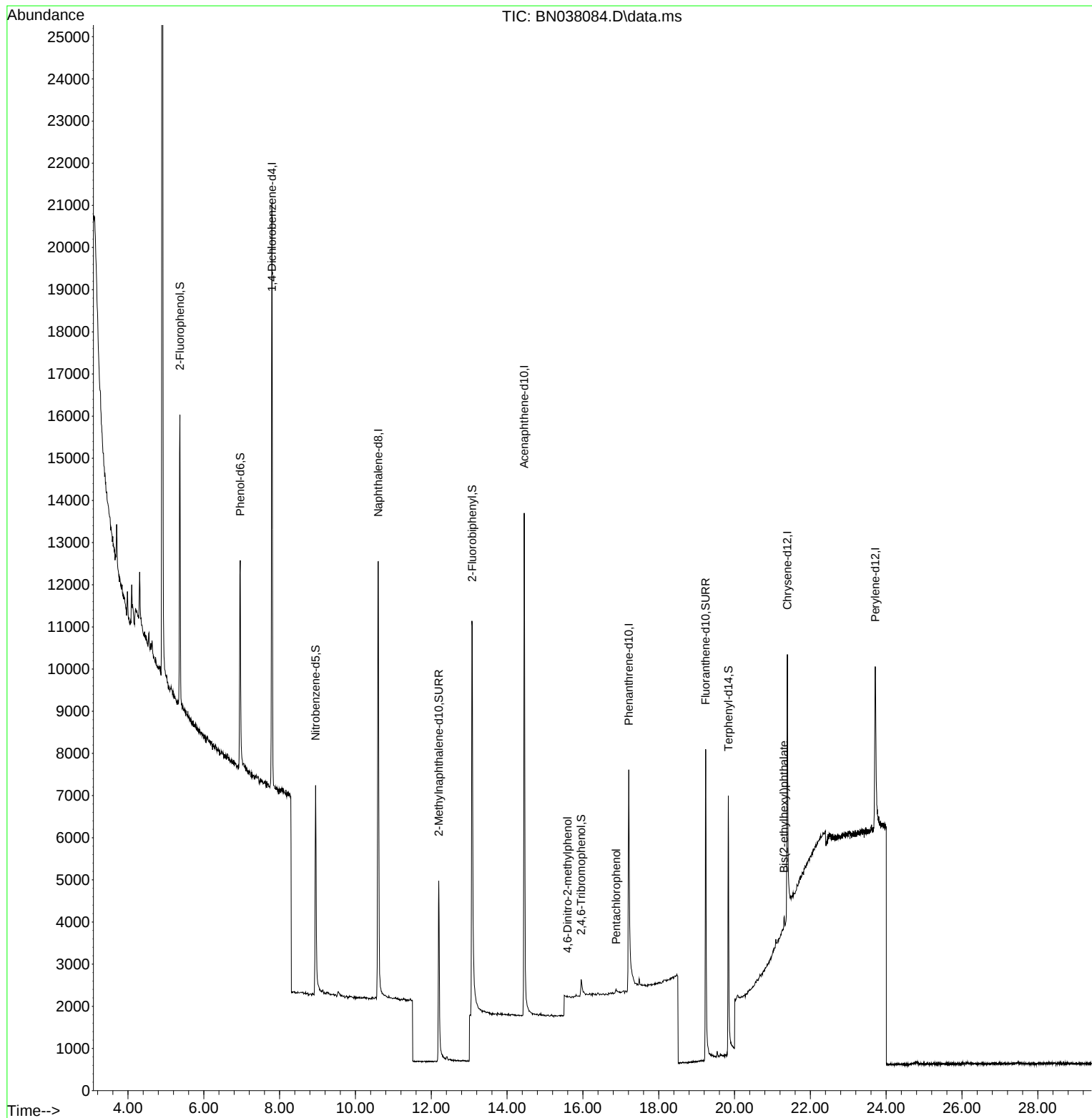
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	6692	0.400	ng	-0.03
7) Naphthalene-d8	10.605	136	16789	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	7676	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	11455	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	7795	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	6815	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	5457	0.357	ng	-0.01
5) Phenol-d6	6.959	99	5479	0.273	ng	-0.01
8) Nitrobenzene-d5	8.950	82	4681	0.366	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	7749	0.332	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	410	0.141	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	12771	0.406	ng	-0.01
27) Fluoranthene-d10	19.239	212	10196	0.354	ng	-0.01
31) Terphenyl-d14	19.838	244	7561	0.487	ng	-0.01
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.597	198	2	0.069	ng	# 1
24) Pentachlorophenol	16.875	266	79	0.025	ng	96
34) Bis(2-ethylhexyl)phtha...	21.304	149	339	0.031	ng	# 89

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

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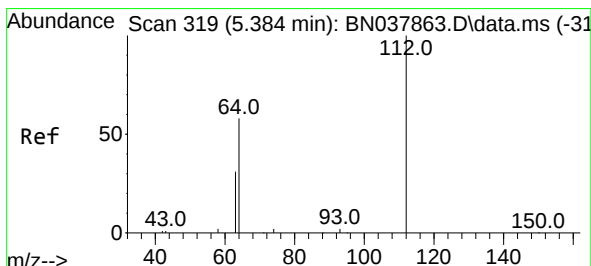
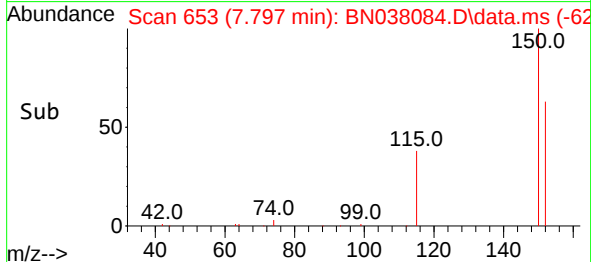
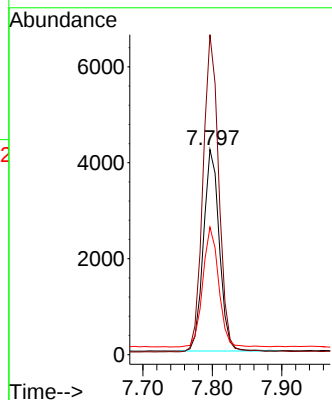
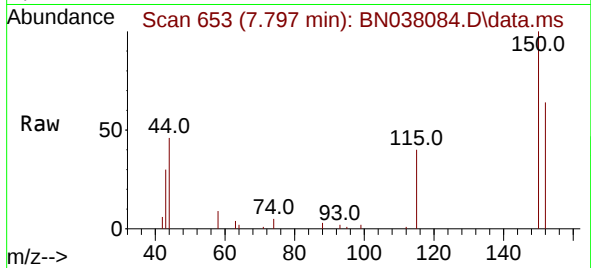




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.028 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

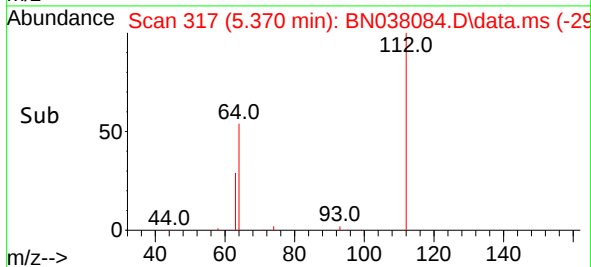
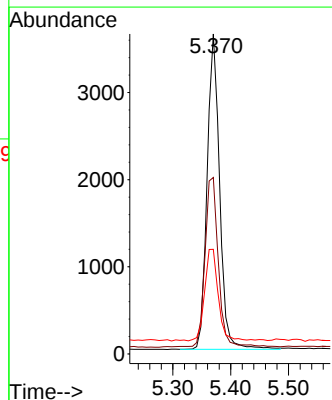
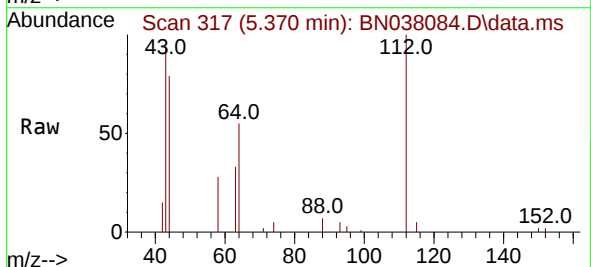
Instrument :
BNA_N
ClientSampleId :
PB170061BL

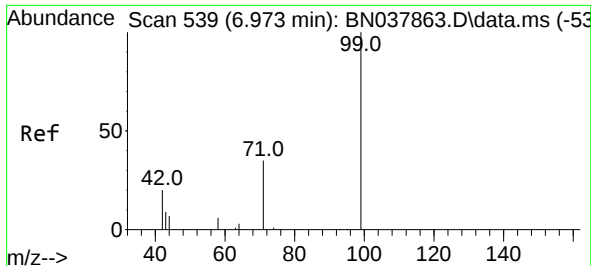
Tgt Ion:152 Resp: 6692
Ion Ratio Lower Upper
152 100
150 156.0 121.0 181.4
115 62.2 47.4 71.0



#4
2-Fluorophenol
Concen: 0.357 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.014 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

Tgt Ion:112 Resp: 5457
Ion Ratio Lower Upper
112 100
64 58.3 44.6 66.8
63 31.4 24.9 37.3

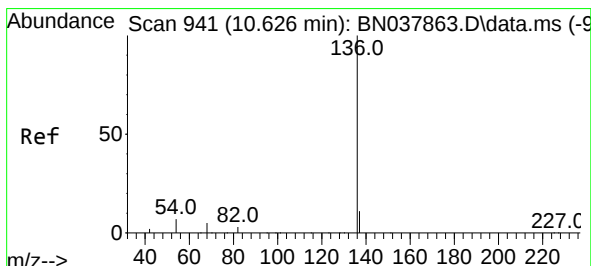
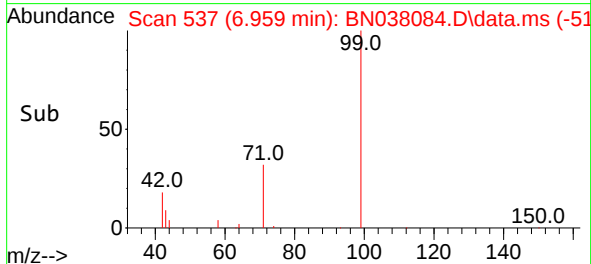
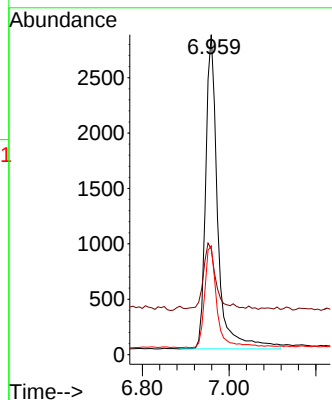
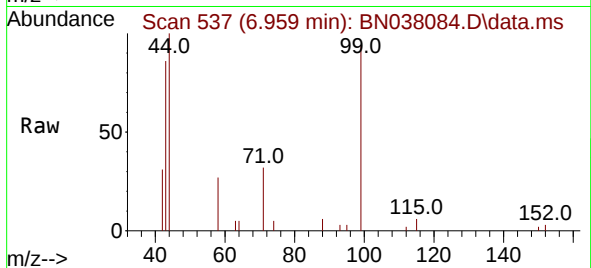




#5
Phenol-d6
Concen: 0.273 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

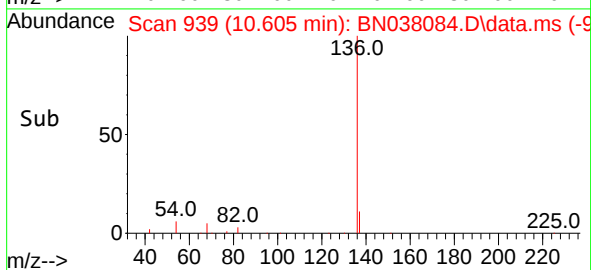
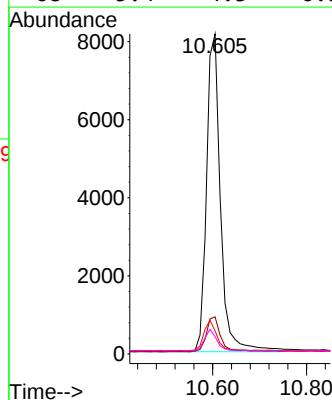
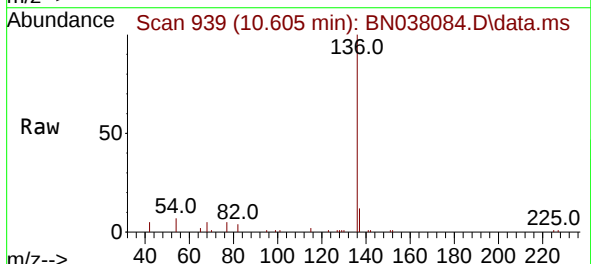
Instrument :
BNA_N
ClientSampleId :
PB170061BL

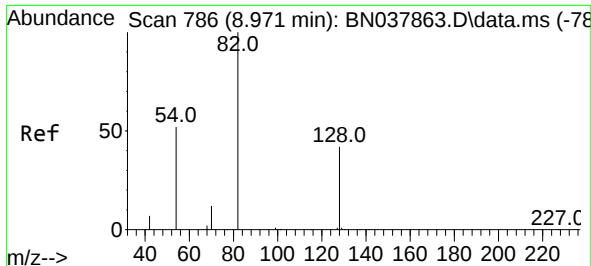
Tgt Ion:	99	Resp:	5479
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.2	25.8
71	33.2	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

Tgt Ion:	136	Resp:	16789
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	7.2	5.8	8.8
68	5.4	4.3	6.5

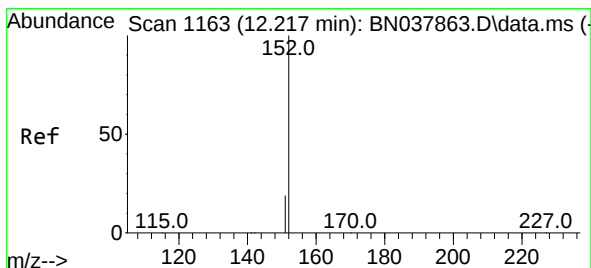
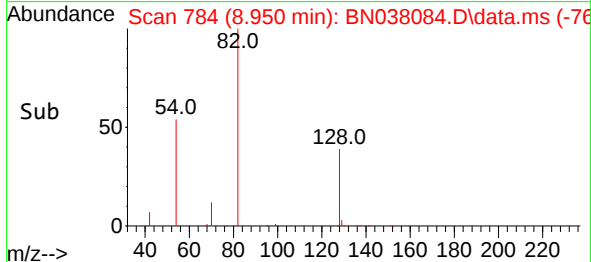
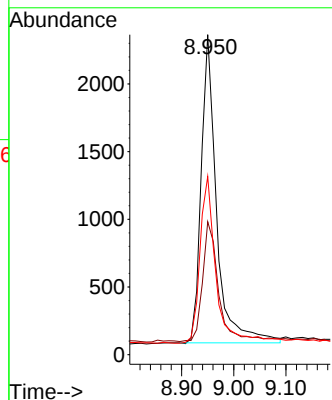
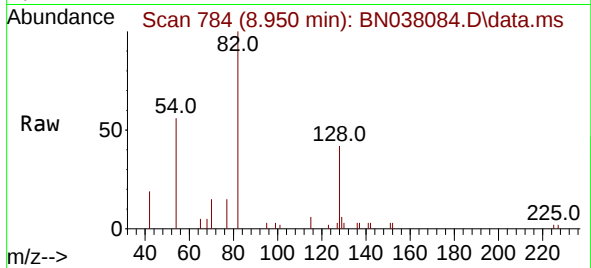




#8
 Nitrobenzene-d5
 Concen: 0.366 ng
 RT: 8.950 min Scan# 711
 Delta R.T. -0.021 min
 Lab File: BN038084.D
 Acq: 14 Oct 2025 02:31

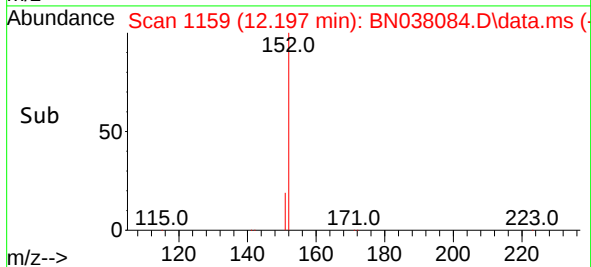
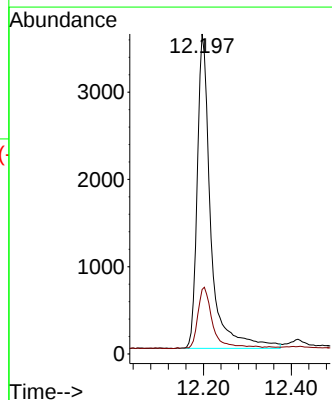
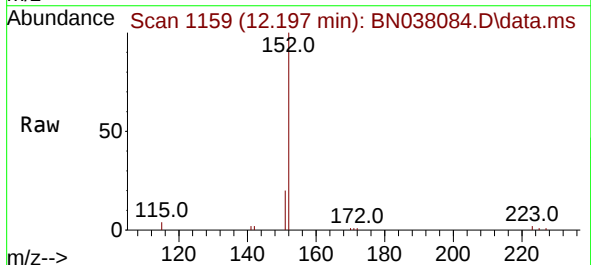
Instrument :
 BNA_N
 ClientSampleId :
 PB170061BL

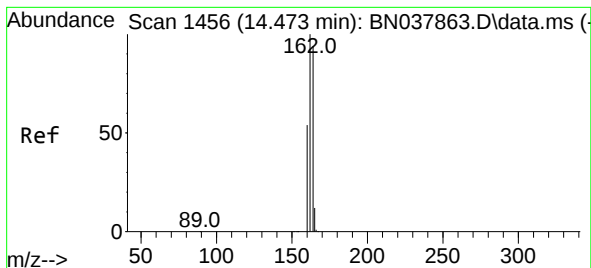
Tgt Ion: 82 Resp: 4681
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.8 52.2
 54 55.7 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.332 ng
 RT: 12.197 min Scan# 1159
 Delta R.T. -0.020 min
 Lab File: BN038084.D
 Acq: 14 Oct 2025 02:31

Tgt Ion: 152 Resp: 7749
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.452 min Scan# 1456

Delta R.T. -0.021 min

Lab File: BN038084.D

Acq: 14 Oct 2025 02:31

Instrument :

BNA_N

ClientSampleId :

PB170061BL

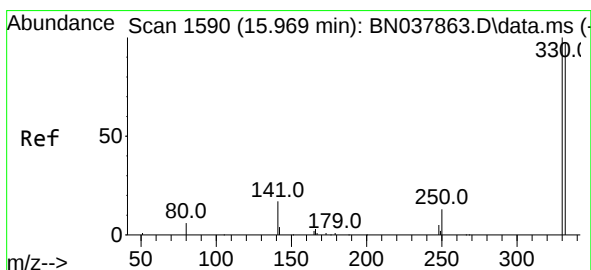
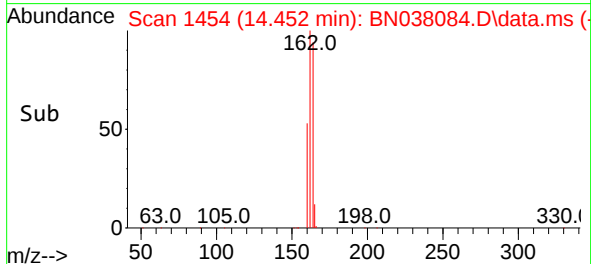
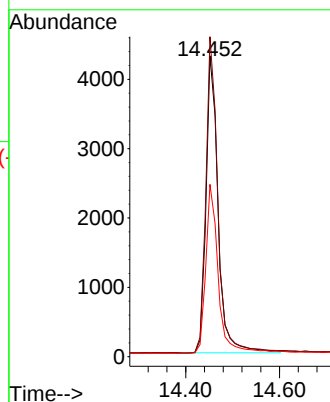
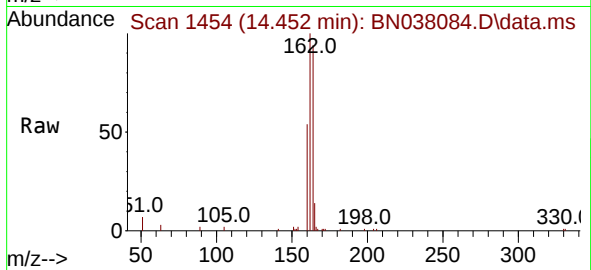
Tgt Ion:164 Resp: 7676

Ion Ratio Lower Upper

164 100

162 106.3 84.8 127.2

160 57.3 46.1 69.1



#14

2,4,6-Tribromophenol

Concen: 0.141 ng

RT: 15.957 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BN038084.D

Acq: 14 Oct 2025 02:31

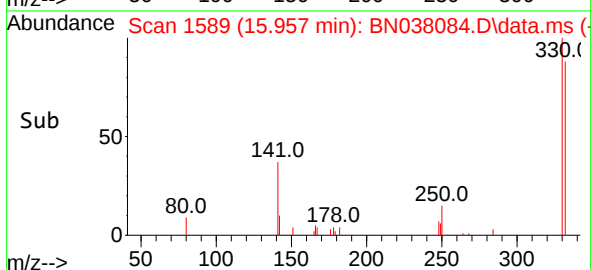
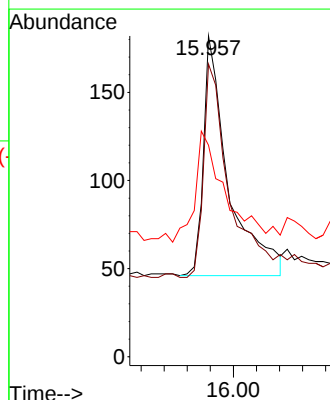
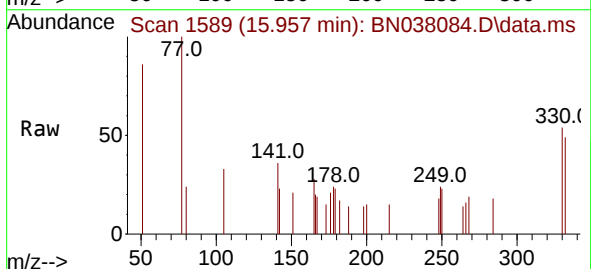
Tgt Ion:330 Resp: 410

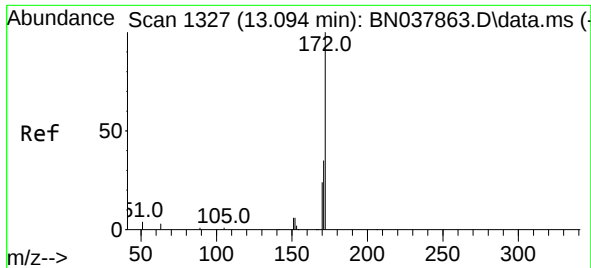
Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

141 50.2 37.2 55.8

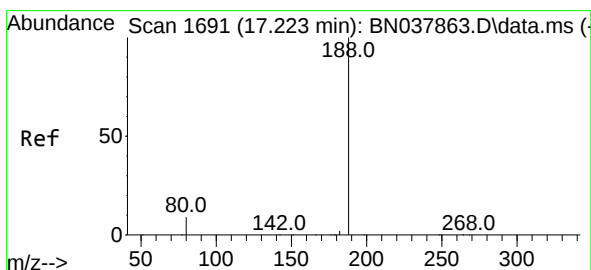
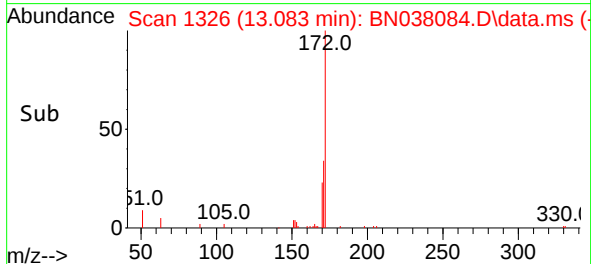
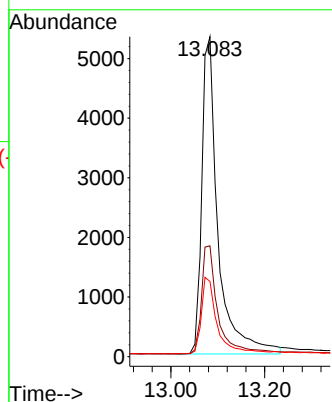
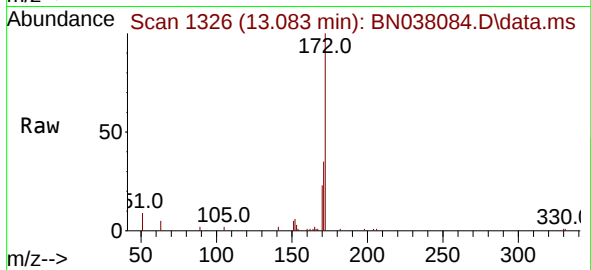




#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

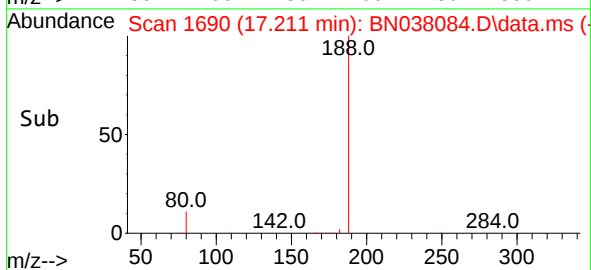
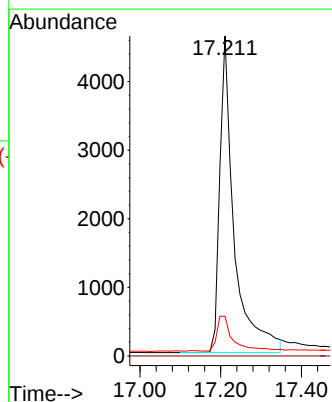
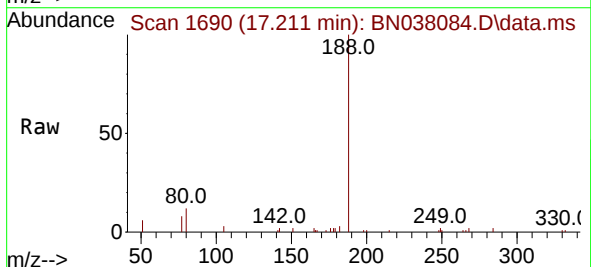
Instrument :
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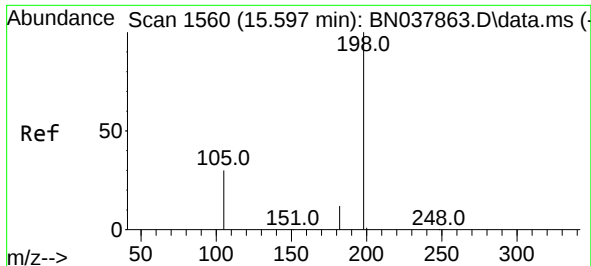
Tgt Ion:172 Resp: 12771
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.5 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

Tgt Ion:188 Resp: 11455
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 7.6 11.4#

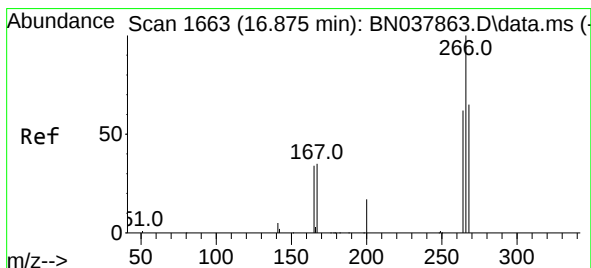
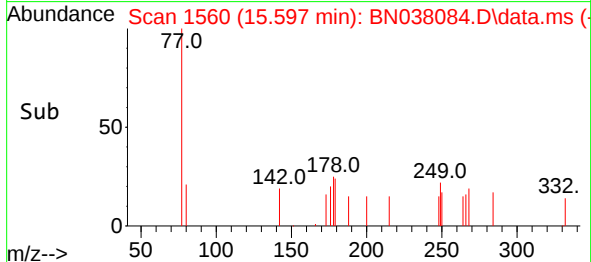
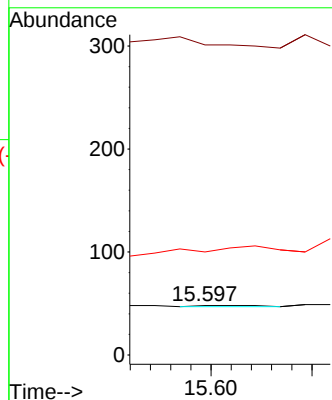
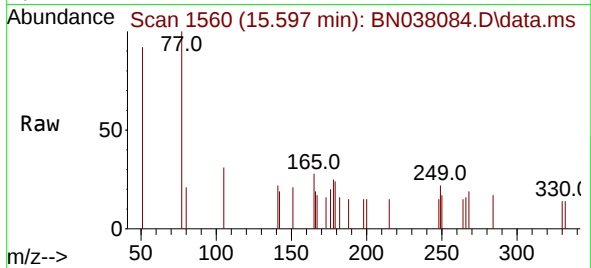




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

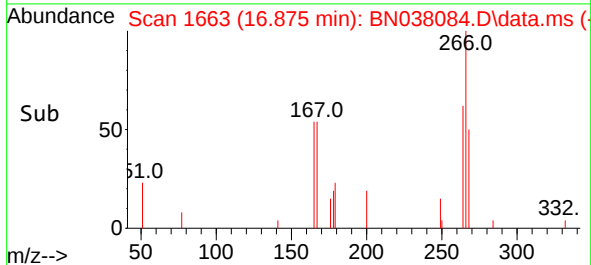
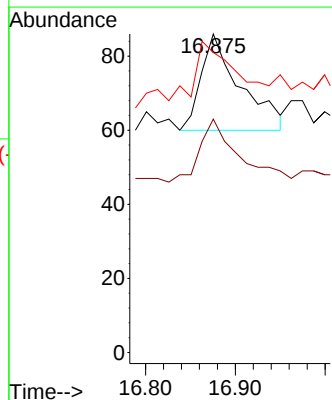
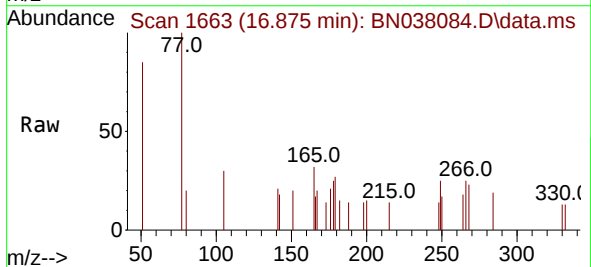
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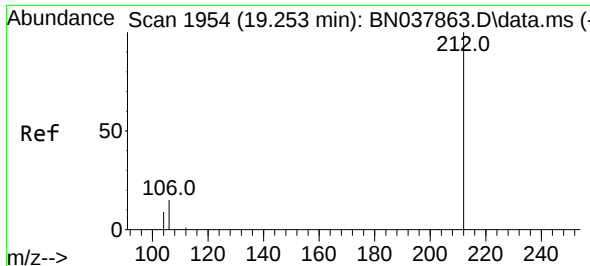
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 627.1 59.1 88.7#
105 208.3 41.3 61.9#



#24
Pentachlorophenol
Concen: 0.025 ng
RT: 16.875 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

Tgt Ion:266 Resp: 79
Ion Ratio Lower Upper
266 100
264 64.6 50.9 76.3
268 63.3 54.3 81.5

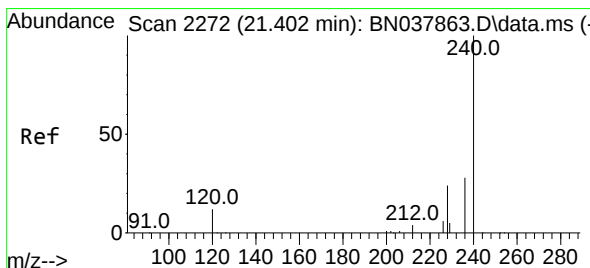
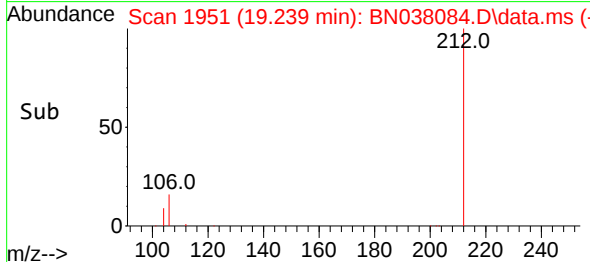
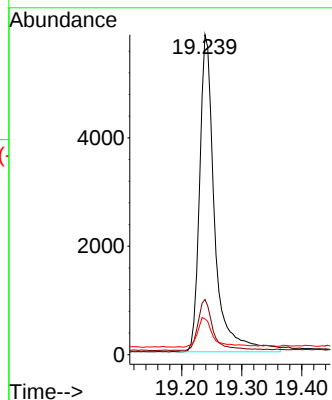
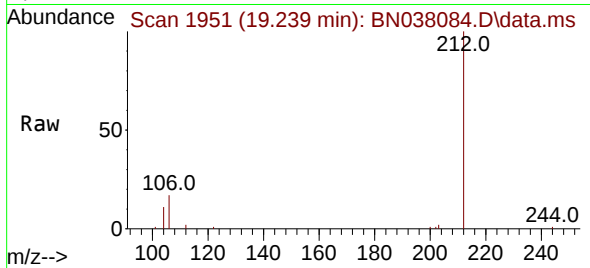




#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

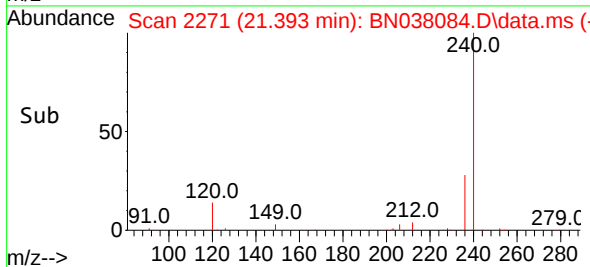
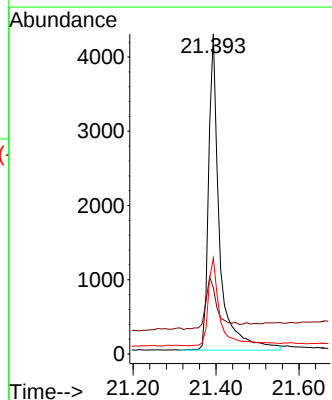
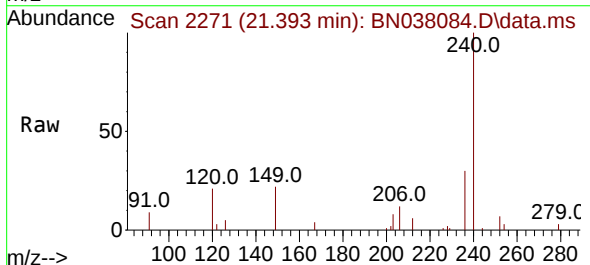
Instrument :
BNA_N
ClientSampleId :
PB170061BL

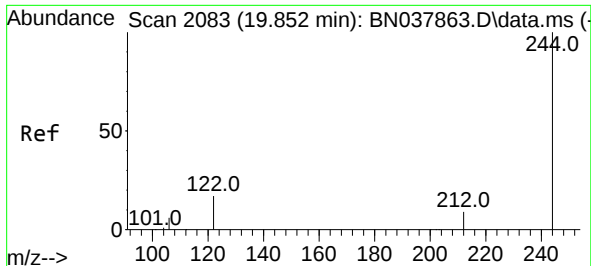
Tgt Ion:212 Resp: 10196
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 10.0 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

Tgt Ion:240 Resp: 7795
Ion Ratio Lower Upper
240 100
120 20.7 11.4 17.2#
236 29.9 23.0 34.6

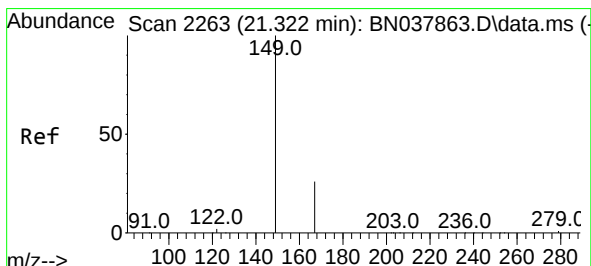
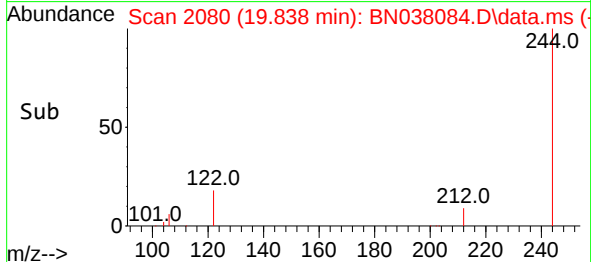
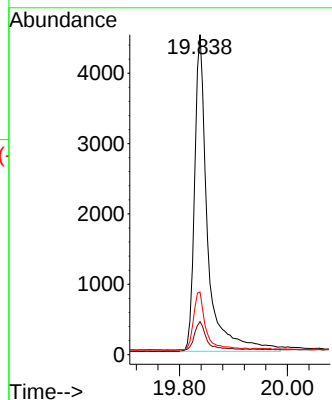
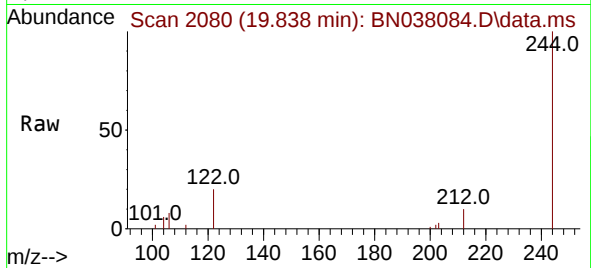




#31
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038084.D
 Acq: 14 Oct 2025 02:31

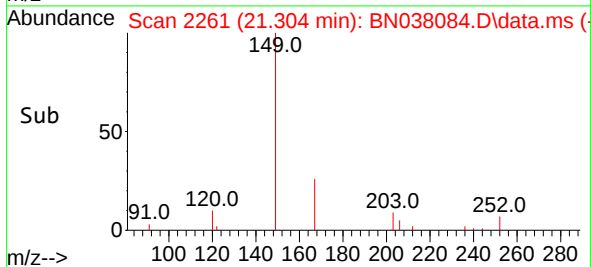
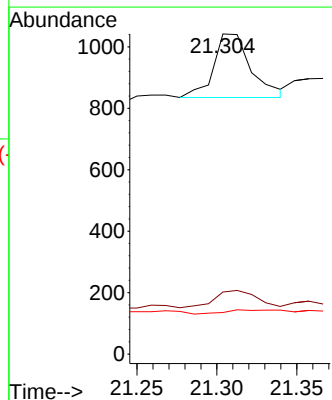
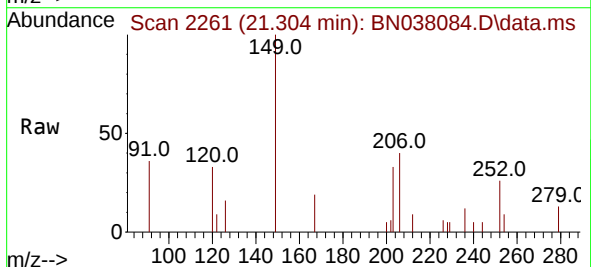
Instrument :
 BNA_N
 ClientSampleId :
 PB170061BL

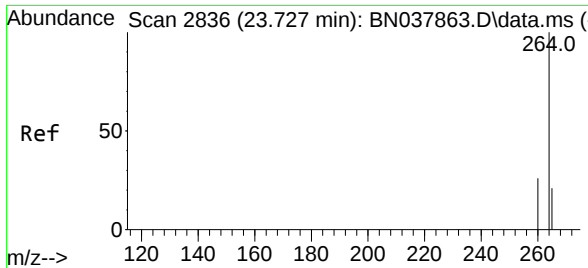
Tgt Ion:244 Resp: 7561
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.6 11.4
 122 19.6 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.031 ng
 RT: 21.304 min Scan# 2261
 Delta R.T. -0.018 min
 Lab File: BN038084.D
 Acq: 14 Oct 2025 02:31

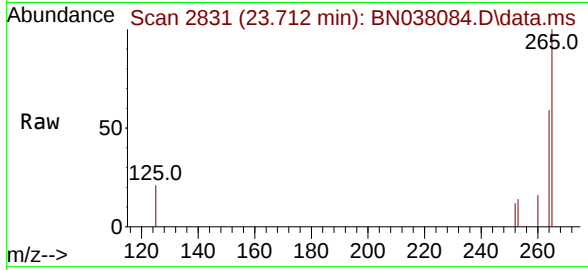
Tgt Ion:149 Resp: 339
 Ion Ratio Lower Upper
 149 100
 167 30.1 20.4 30.6
 279 10.6 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN038084.D
Acq: 14 Oct 2025 02:31

Instrument :
BNA_N
ClientSampleId :
PB170061BL



Tgt Ion:264 Resp: 6815

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.5	32.3
265	168.5	53.8	80.6

