

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037920.D
 Acq On : 26 Sep 2025 10:45
 Operator : RC/JU
 Sample : Q3156-23
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 11:22:49 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)

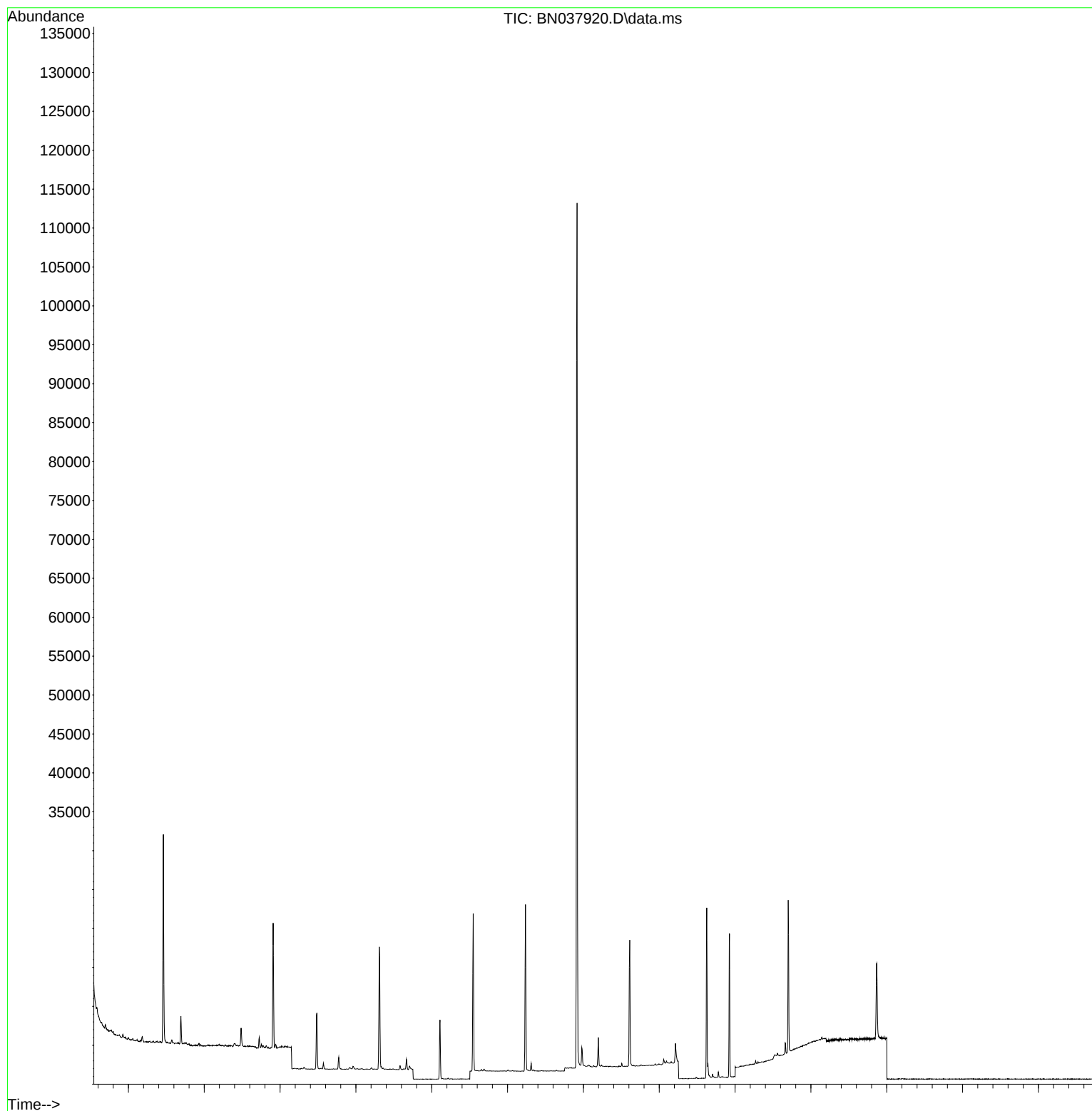
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7742	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	21958	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	11286	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	22710	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17686	0.400	ng	# 0.00
35) Perylene-d12	23.733	264	13838	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2733	0.155	ng	0.00
5) Phenol-d6	6.973	99	2104	0.091	ng	0.00
8) Nitrobenzene-d5	8.971	82	6023	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	10168	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1479	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	16937	0.367	ng	0.00
27) Fluoranthene-d10	19.253	212	23063	0.404	ng	0.00
31) Terphenyl-d14	19.852	244	16563	0.470	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.550	42	219	0.021	ng	# 4
20) 4,6-Dinitro-2-methylph...	15.597	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	1654	0.068	ng	98

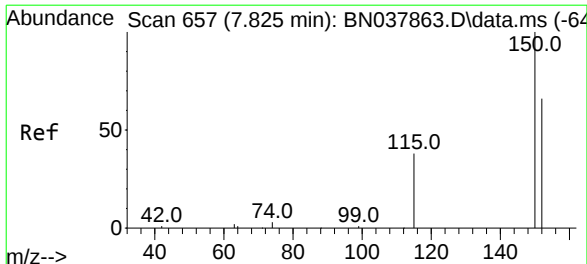
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
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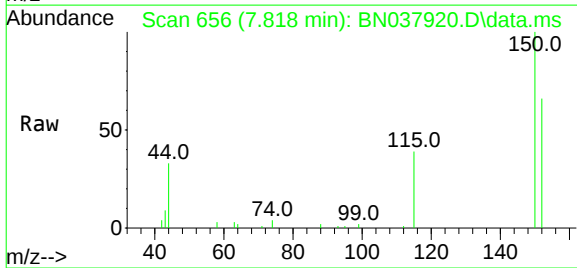
Quant Time: Sep 26 11:22:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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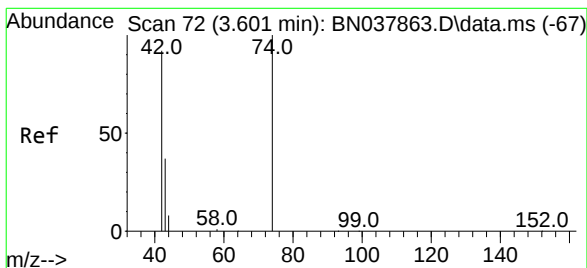
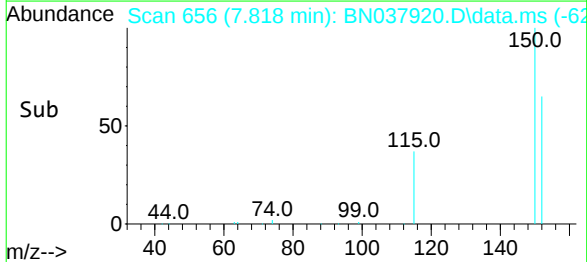
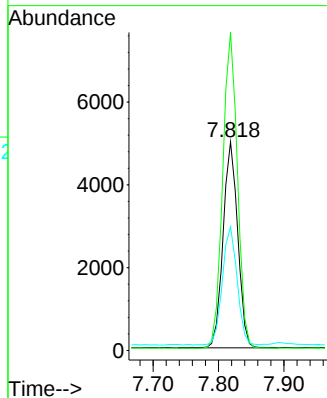


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 65
Delta R.T. -0.007 min
Lab File: BN037920.D
Acq: 26 Sep 2025 10:45

Instrument :
BNA_N
ClientSampleId :

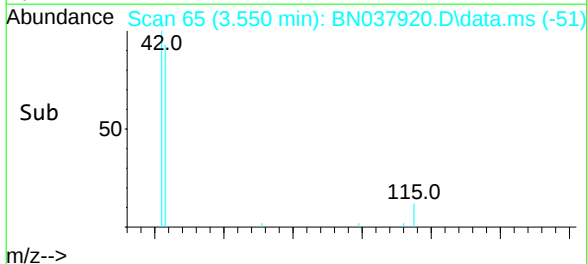
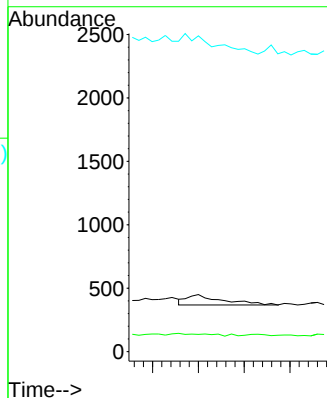
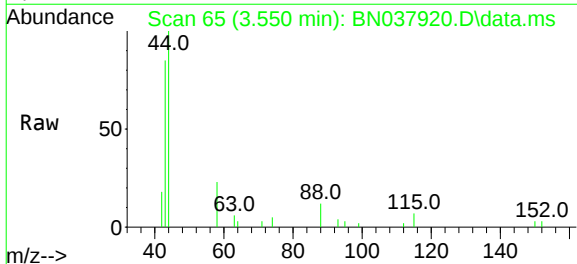


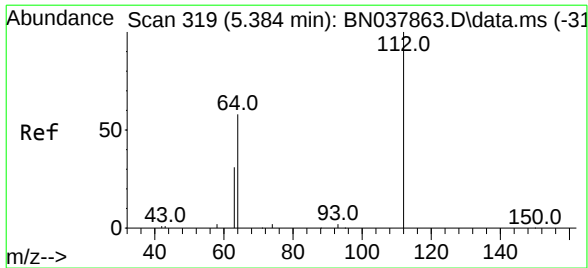
Tgt Ion: 152 Resp: 7742
Ion Ratio Lower Upper
152 100
150 152.5 121.0 181.4
115 59.3 47.4 71.0



#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.550 min Scan# 65
Delta R.T. -0.051 min
Lab File: BN037920.D
Acq: 26 Sep 2025 10:45

Tgt Ion: 42 Resp: 219
Ion Ratio Lower Upper
42 100
74 0.0 93.4 140.0#
44 0.0 22.2 33.4#

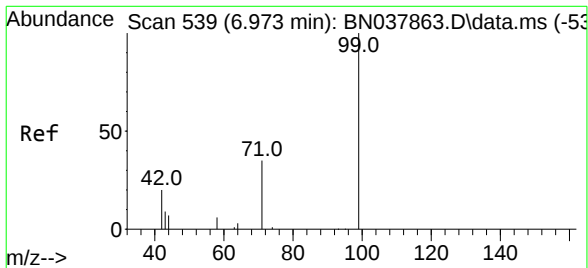
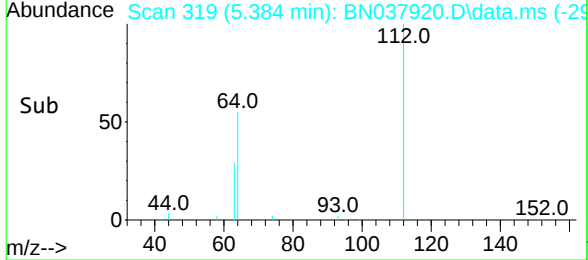
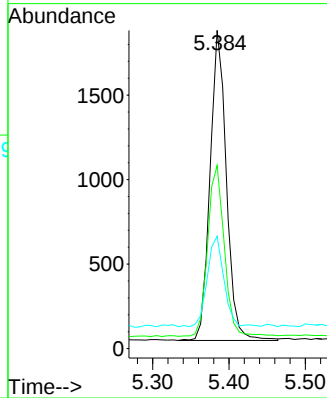
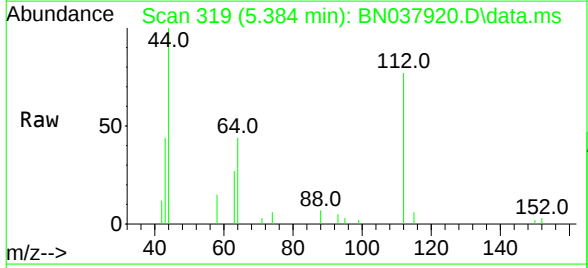




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037920.D
Acq: 26 Sep 2025 10:45

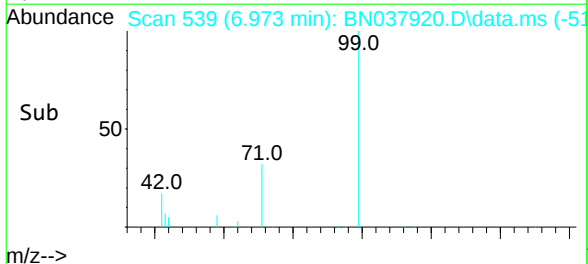
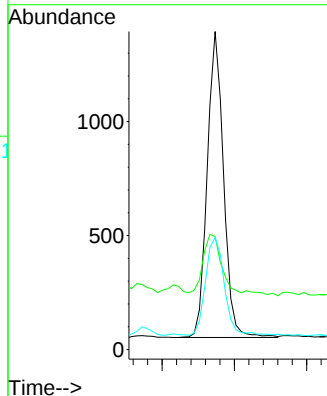
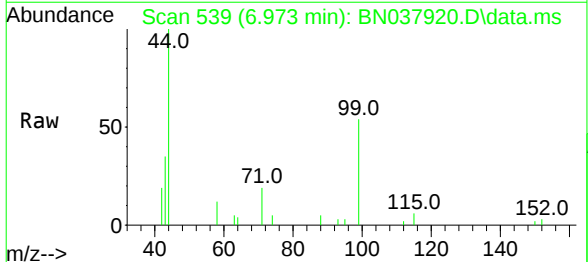
Instrument :
BNA_N
ClientSampleId :

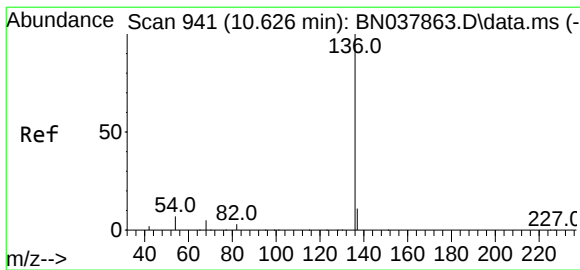
Tgt Ion:	112	Resp:	2733
Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.6	66.8
63	29.6	24.9	37.3



#5
Phenol-d6
Concen: 0.091 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037920.D
Acq: 26 Sep 2025 10:45

Tgt Ion:	99	Resp:	2104
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.2	25.8
71	37.6	27.3	40.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.616 min Scan# 941

Delta R.T. -0.011 min

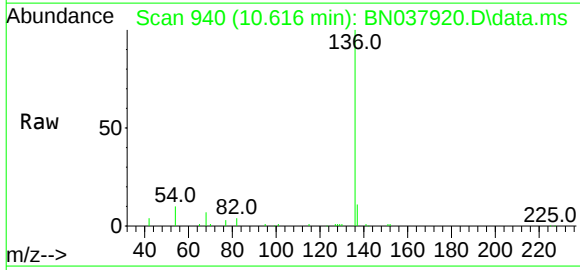
Lab File: BN037920.D

Acq: 26 Sep 2025 10:45

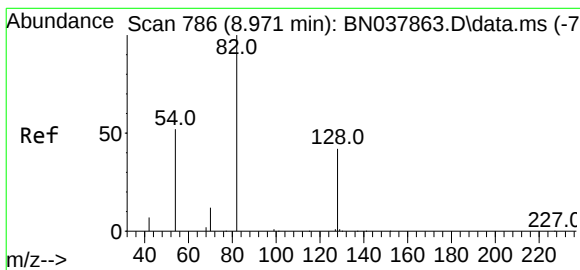
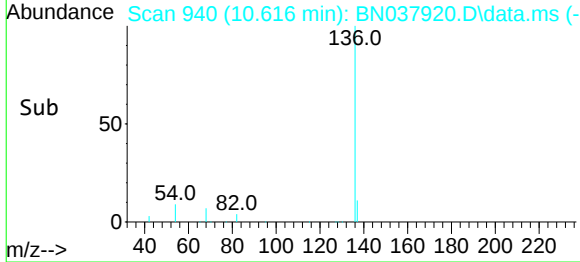
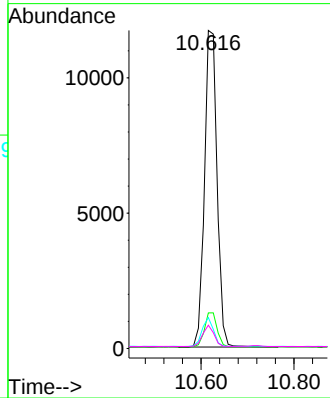
Instrument :

BNA_N

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.7	5.8	8.8#
68	7.3	4.3	6.5#



#8

Nitrobenzene-d5

Concen: 0.360 ng

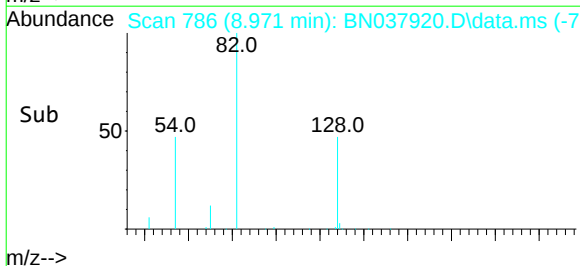
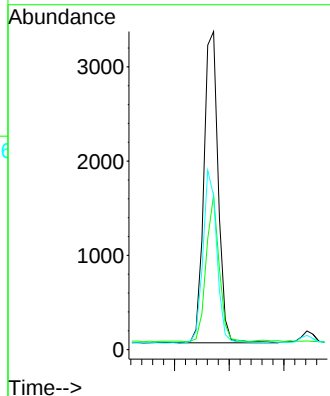
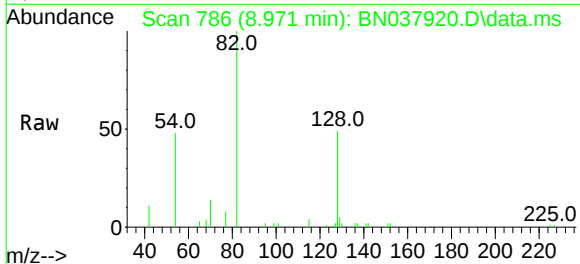
RT: 8.971 min Scan# 786

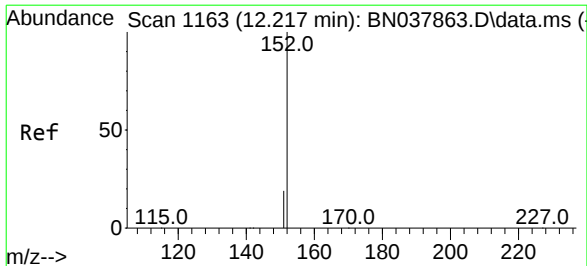
Delta R.T. 0.000 min

Lab File: BN037920.D

Acq: 26 Sep 2025 10:45

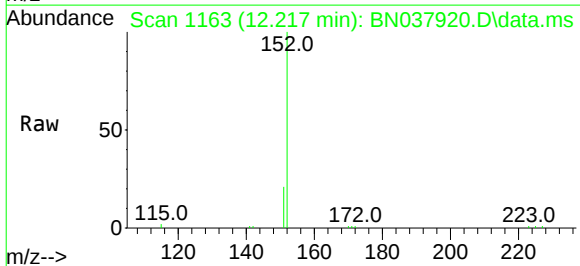
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.8	52.2
54	48.4	42.2	63.2



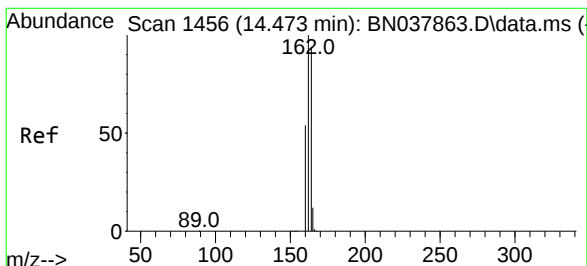
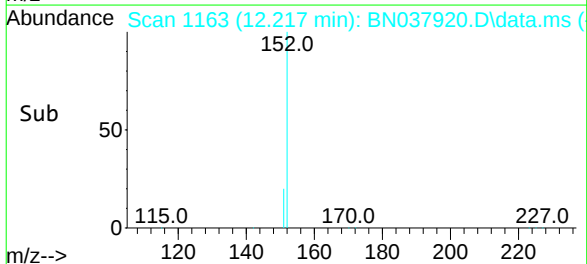
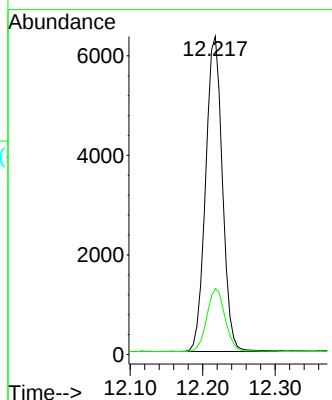


#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.217 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN037920.D
Acq: 26 Sep 2025 10:45

Instrument :
BNA_N
ClientSampleId :

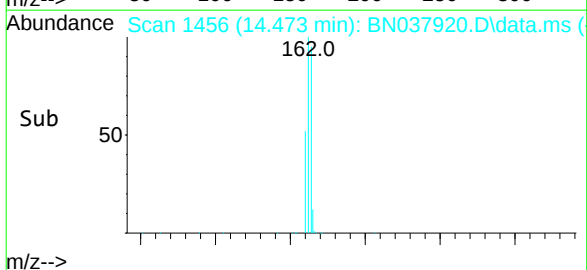
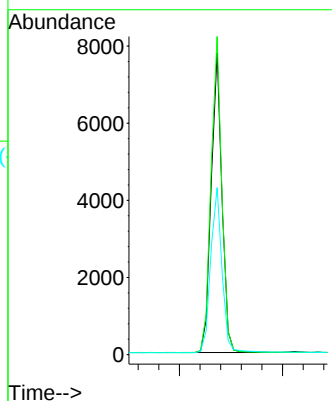
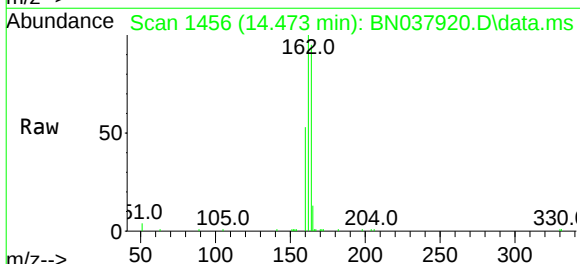


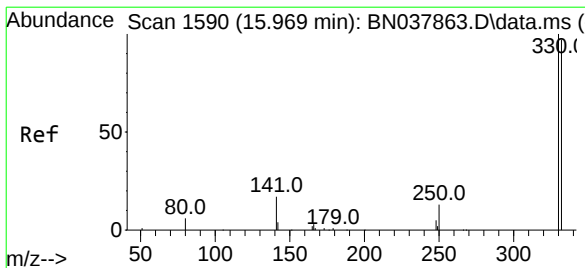
Tgt Ion:152 Resp: 10168
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037920.D
Acq: 26 Sep 2025 10:45

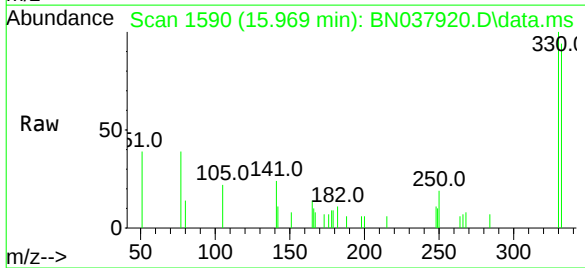
Tgt Ion:164 Resp: 11286
Ion Ratio Lower Upper
164 100
162 105.4 84.8 127.2
160 55.3 46.1 69.1



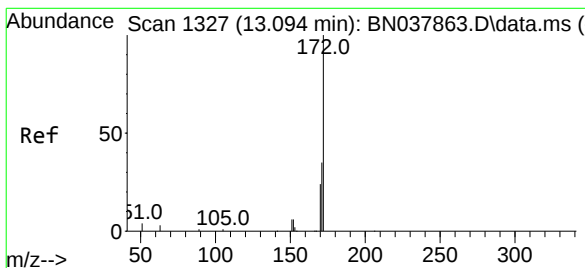
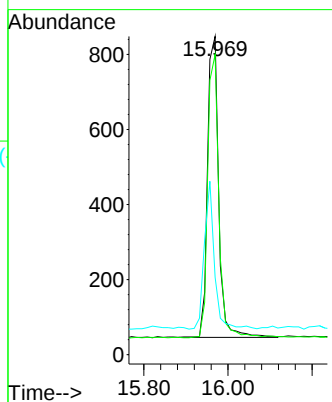
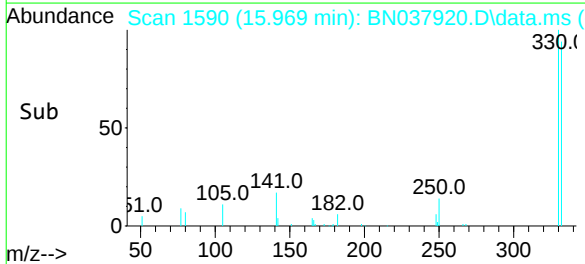


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037920.D
Acq: 26 Sep 2025 10:45

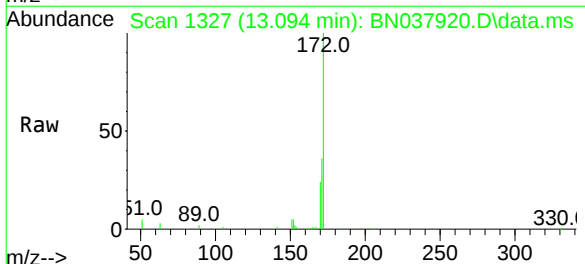
Instrument :
BNA_N
ClientSampleId :



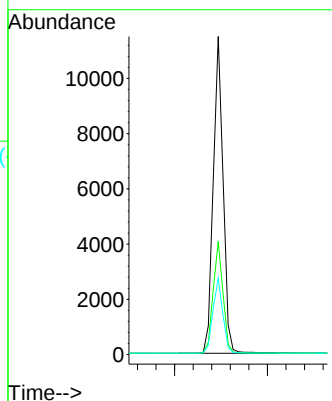
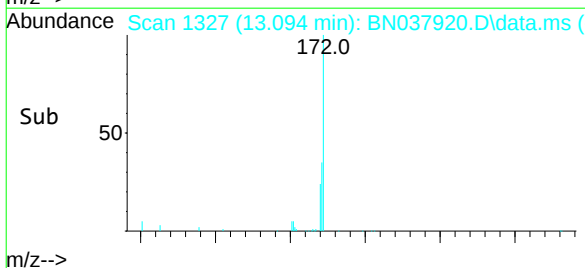
Tgt Ion: 330 Resp: 1479
Ion Ratio Lower Upper
330 100
332 94.2 77.2 115.8
141 44.4 37.2 55.8

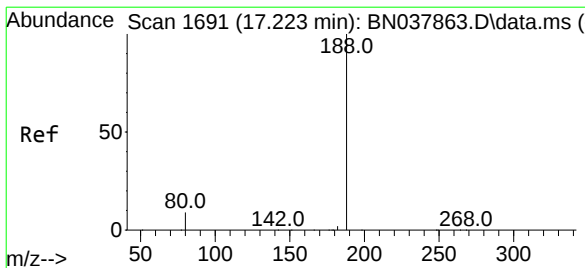


#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037920.D
Acq: 26 Sep 2025 10:45



Tgt Ion: 172 Resp: 16937
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.9 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1691

Delta R.T. 0.000 min

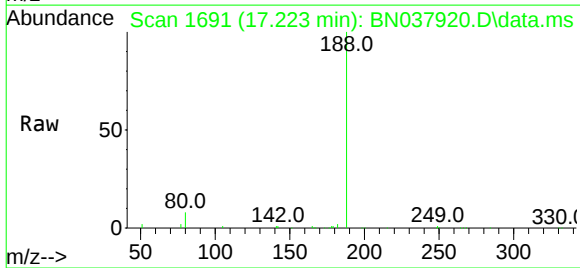
Lab File: BN037920.D

Acq: 26 Sep 2025 10:45

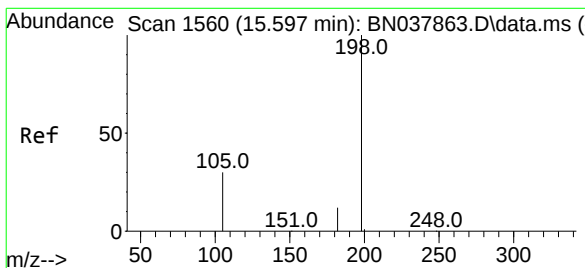
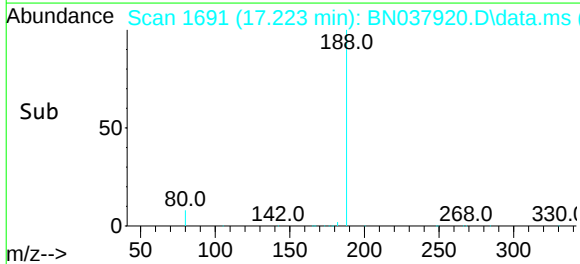
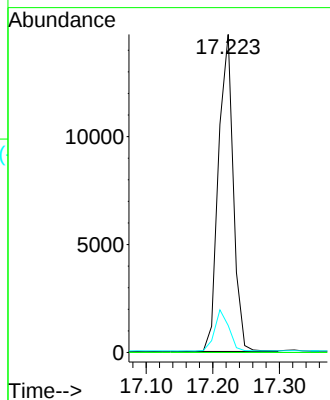
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	188	Resp:	22710
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.5	7.6	11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.069 ng

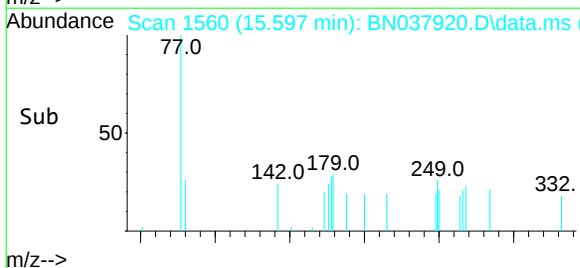
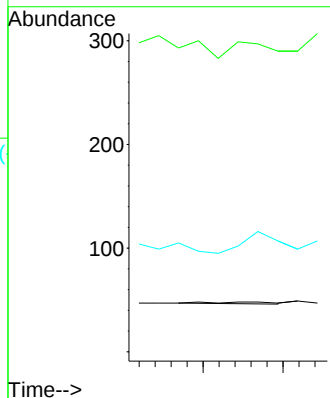
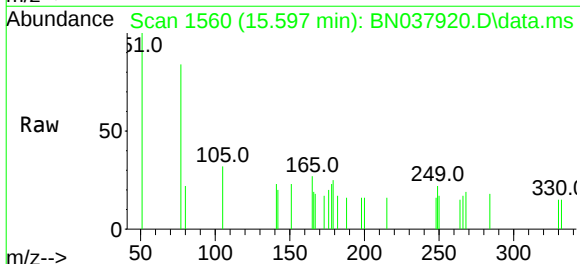
RT: 15.597 min Scan# 1560

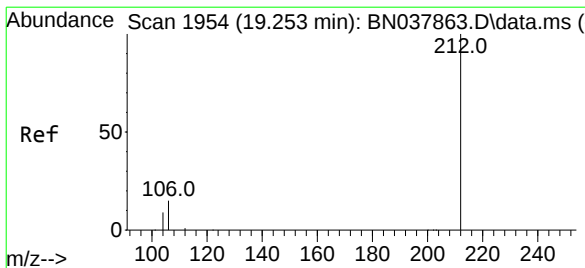
Delta R.T. 0.000 min

Lab File: BN037920.D

Acq: 26 Sep 2025 10:45

Tgt Ion:	198	Resp:	4
Ion Ratio	Lower	Upper	
198	100		
51	625.0	59.1	88.7#
105	202.1	41.3	61.9#





#27

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.253 min Scan# 19

Delta R.T. 0.000 min

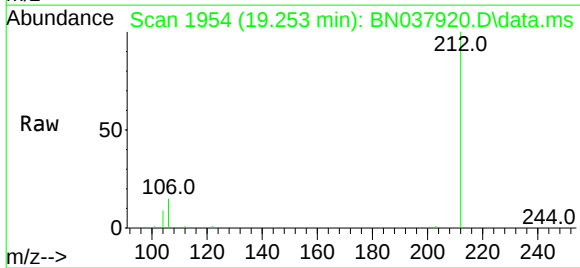
Lab File: BN037920.D

Acq: 26 Sep 2025 10:45

Instrument :

BNA_N

ClientSampleId :



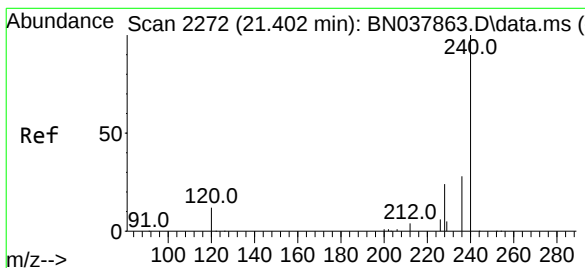
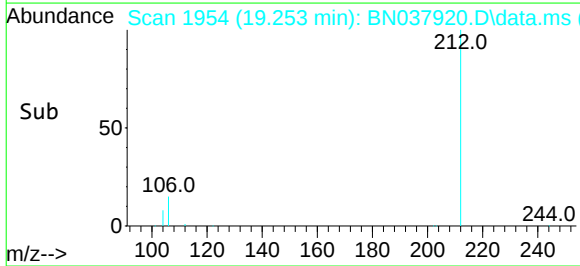
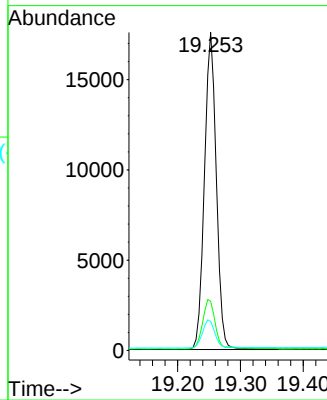
Tgt Ion:212 Resp: 23063

Ion Ratio Lower Upper

212 100

106 16.7 12.6 19.0

104 9.7 7.4 11.0



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BN037920.D

Acq: 26 Sep 2025 10:45

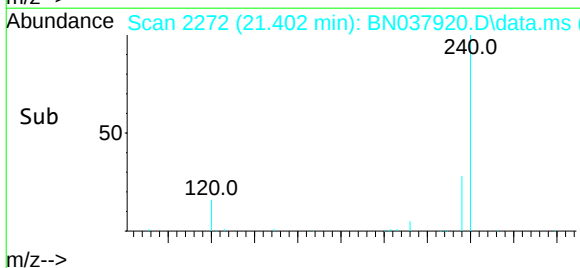
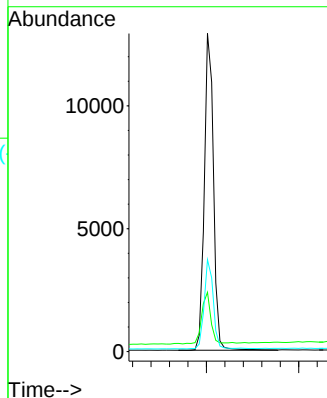
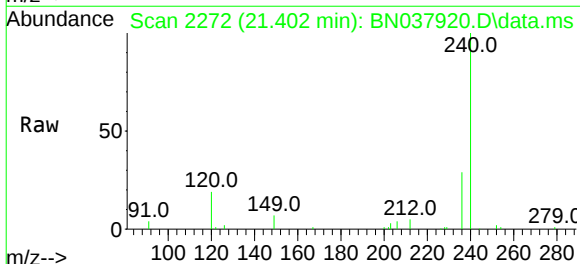
Tgt Ion:240 Resp: 17686

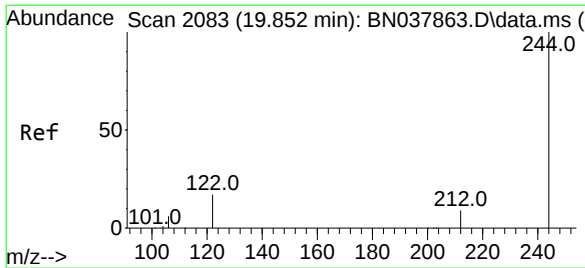
Ion Ratio Lower Upper

240 100

120 18.7 11.4 17.2#

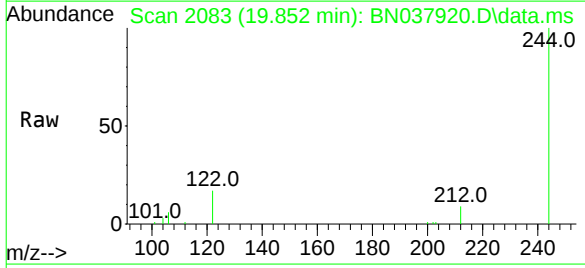
236 28.9 23.0 34.6



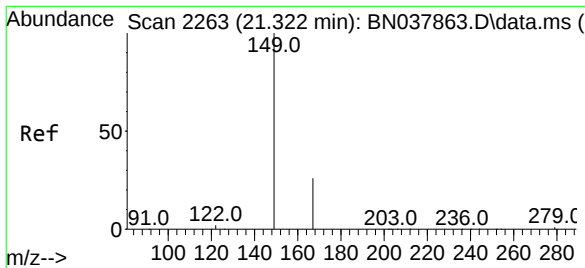
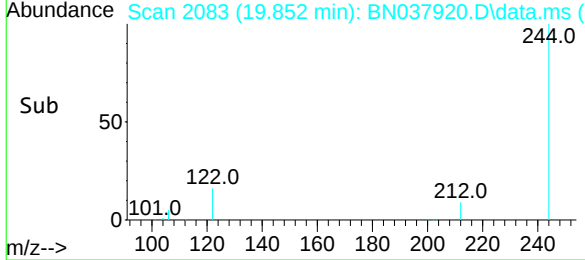
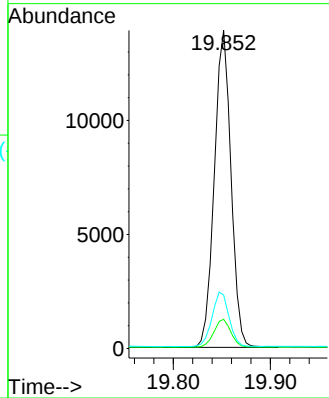


#31
 Terphenyl-d14
 Concen: 0.470 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. 0.000 min
 Lab File: BN037920.D
 Acq: 26 Sep 2025 10:45

Instrument :
 BNA_N
 ClientSampleId :

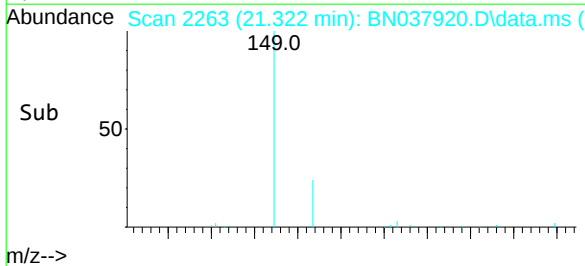
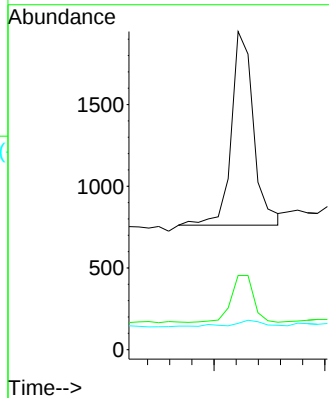
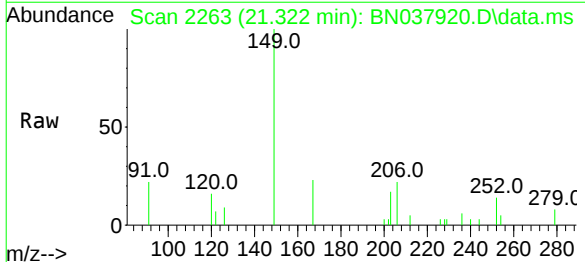


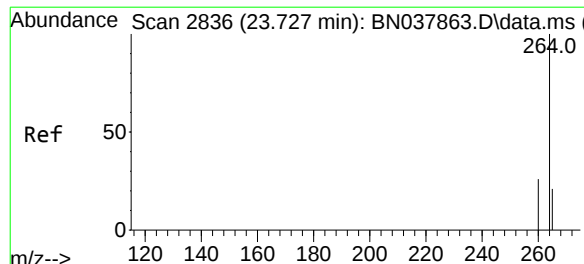
Tgt Ion:	244	Resp:	16563
Ion Ratio	Lower	Upper	
244	100		
212	9.2	7.6	11.4
122	16.8	13.9	20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: BN037920.D
 Acq: 26 Sep 2025 10:45

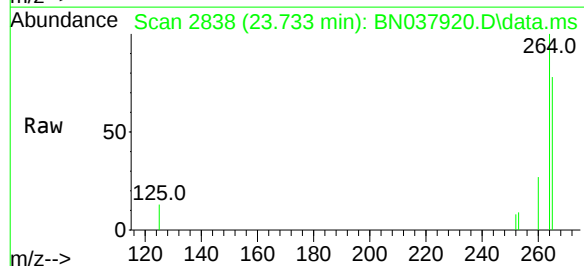
Tgt Ion:	149	Resp:	1654
Ion Ratio	Lower	Upper	
149	100		
167	24.6	20.4	30.6
279	3.6	2.4	3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.733 min Scan# 28
 Delta R.T. 0.006 min
 Lab File: BN037920.D
 Acq: 26 Sep 2025 10:45

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	264	Resp:	13838
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.5	32.3
265	78.2	53.8	80.6

