

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
 Data File : BN037640.D
 Acq On : 20 Aug 2025 21:10
 Operator : RC/JU
 Sample : Q2886-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT182D-GW-20250814

Quant Time: Aug 21 04:58:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

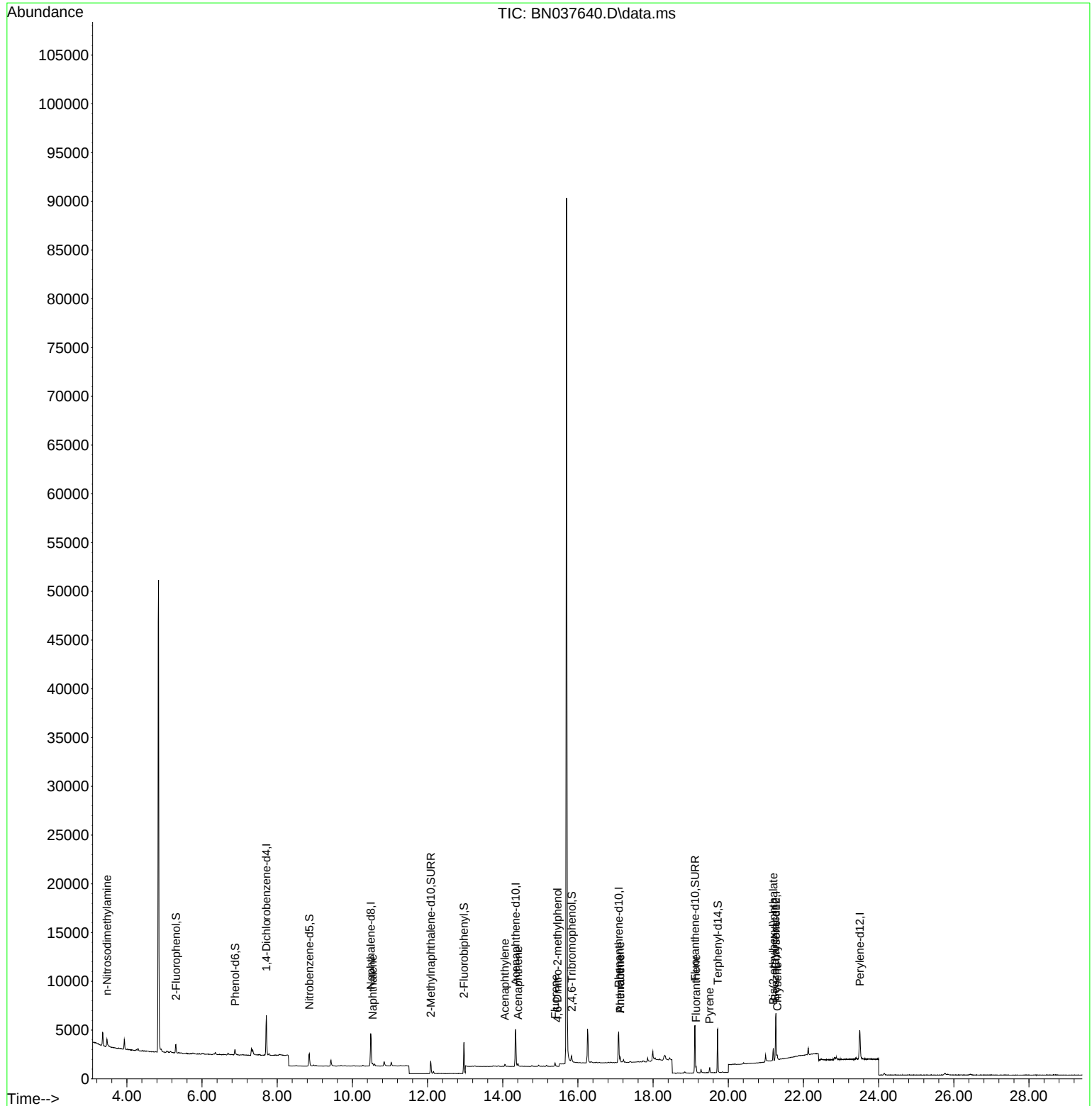
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	1993	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	4535	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	2256	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4998	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4680	0.400	ng	0.00
35) Perylene-d12	23.496	264	4140	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	725	0.160	ng	0.00
5) Phenol-d6	6.879	99	510	0.094	ng	0.00
8) Nitrobenzene-d5	8.854	82	1159	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	1790	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	391	0.396	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	3910	0.300	ng	0.00
27) Fluoranthene-d10	19.113	212	5489	0.417	ng	0.00
31) Terphenyl-d14	19.717	244	4413	0.458	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.470	42	171	0.070	ng	# 1
9) Naphthalene	10.541	128	301	0.025	ng	# 52
16) Acenaphthylene	14.056	152	259	0.026	ng	95
17) Acenaphthene	14.409	154	149	0.022	ng	94
18) Fluorene	15.393	166	216	0.024	ng	# 96
20) 4,6-Dinitro-2-methylph...	15.457	198	2	0.183	ng	# 1
25) Phenanthrene	17.124	178	540	0.036	ng	# 95
26) Anthracene	17.124	178	515	0.038	ng	98
28) Fluoranthene	19.141	202	472	0.027	ng	# 78
30) Pyrene	19.503	202	481	0.027	ng	95
32) Benzo(a)anthracene	21.250	228	356	0.023	ng	# 76
33) Chrysene	21.304	228	380	0.022	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.196	149	1193	0.185	ng	99

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

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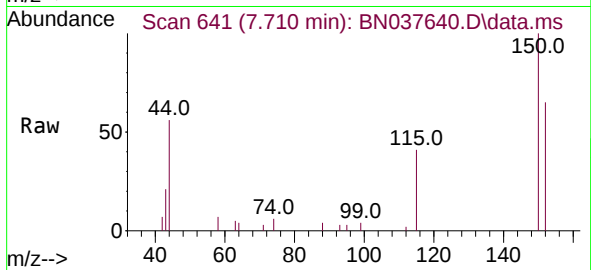
Quant Time: Aug 21 04:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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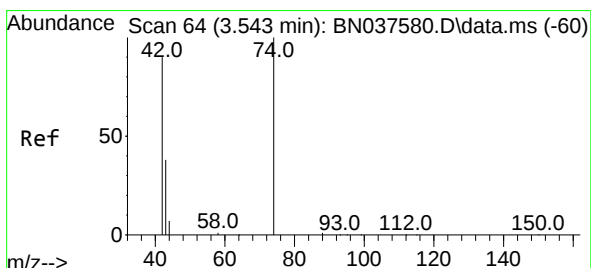
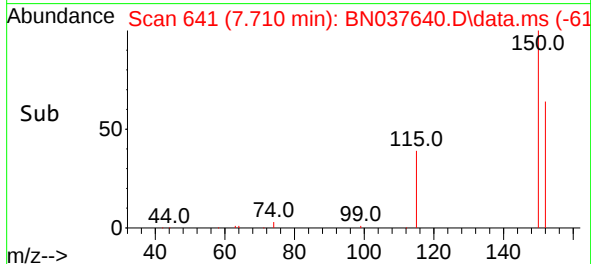
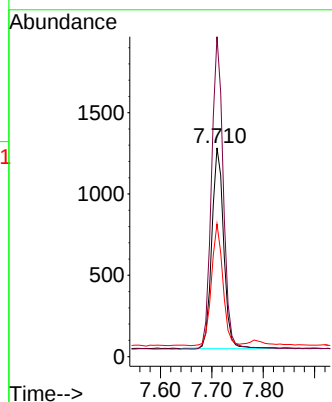
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814



Tgt Ion:152 Resp: 1993

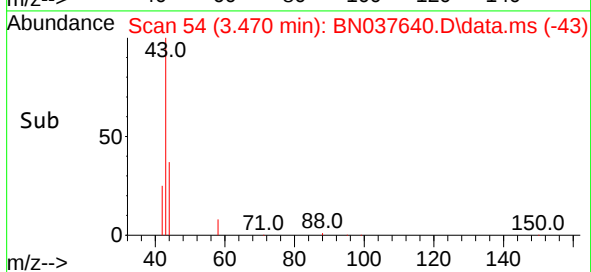
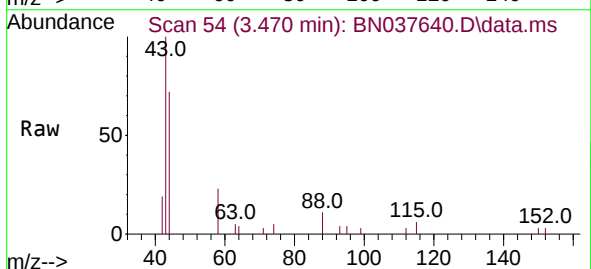
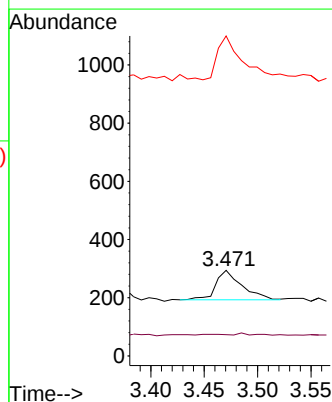
Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.4
115	63.6	49.8	74.6

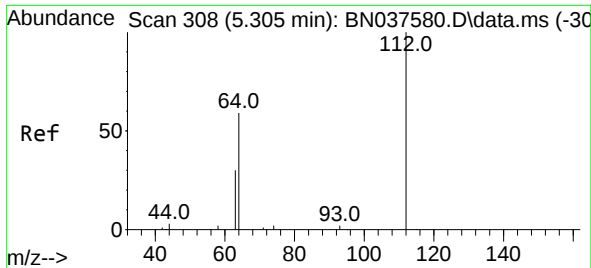


#3
n-Nitrosodimethylamine
Concen: 0.070 ng
RT: 3.470 min Scan# 54
Delta R.T. -0.072 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion: 42 Resp: 171

Ion	Ratio	Lower	Upper
42	100		
74	7.6	82.0	123.0#
44	183.6	7.9	11.9#

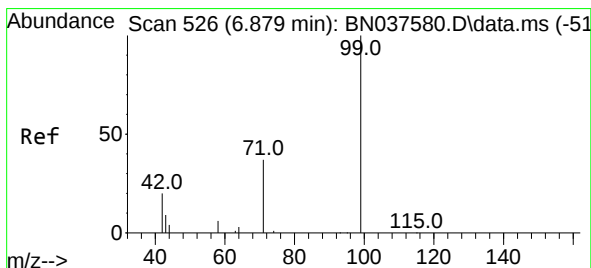
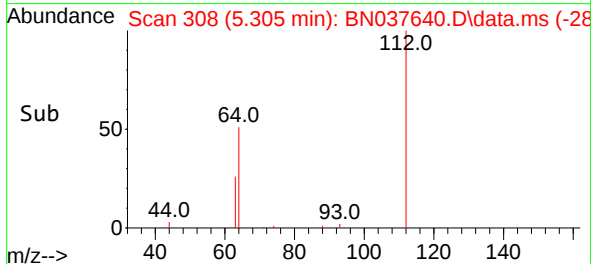
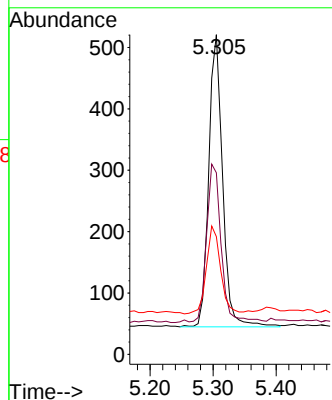
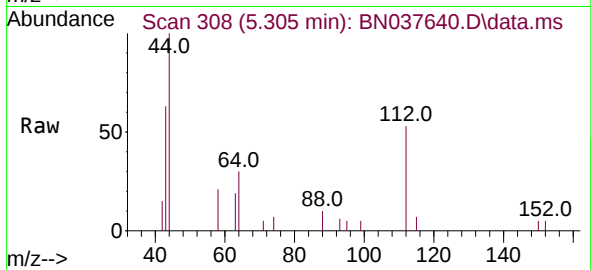




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

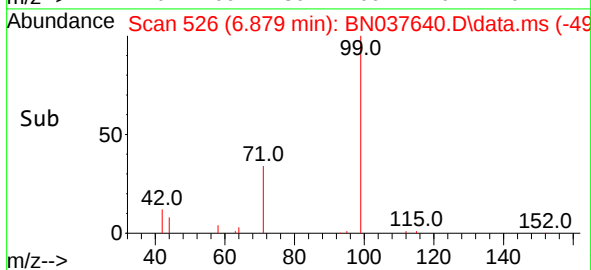
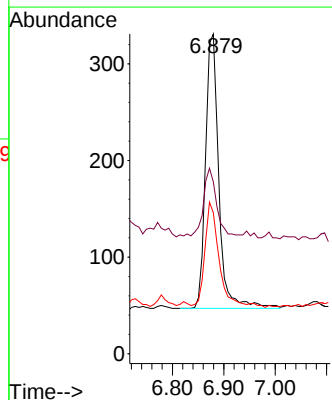
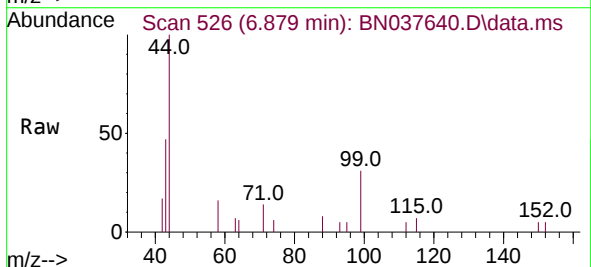
Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

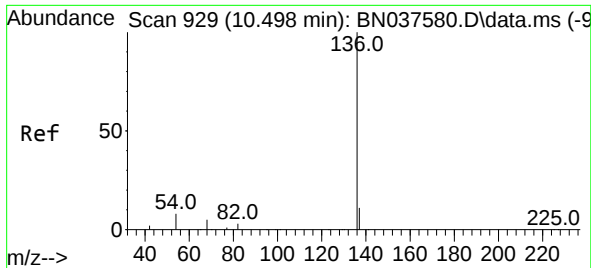
Tgt Ion:	112	Resp:	725
Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.9	67.3
63	30.8	23.4	35.2



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:	99	Resp:	510
Ion	Ratio	Lower	Upper
99	100		
42	26.3	18.5	27.7
71	38.0	28.6	42.8

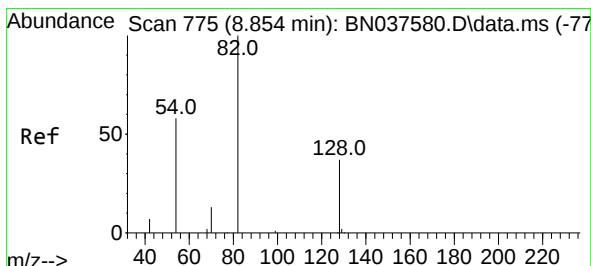
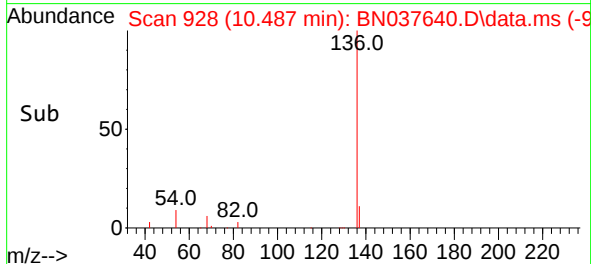
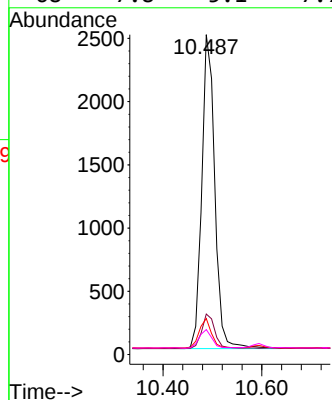
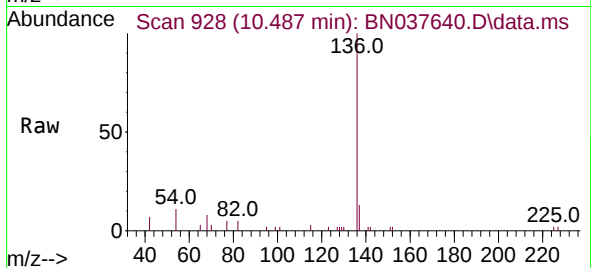




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

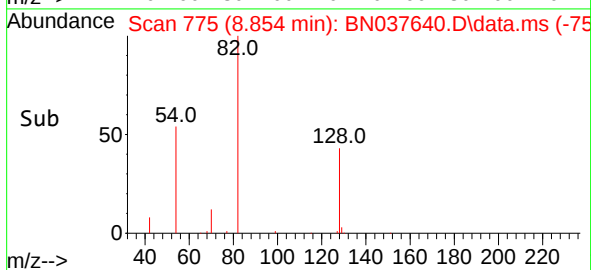
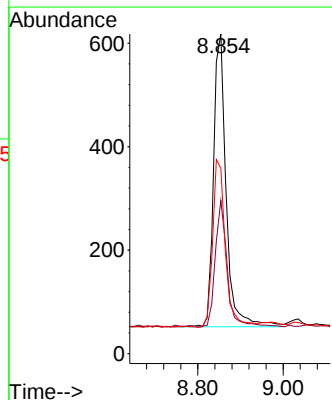
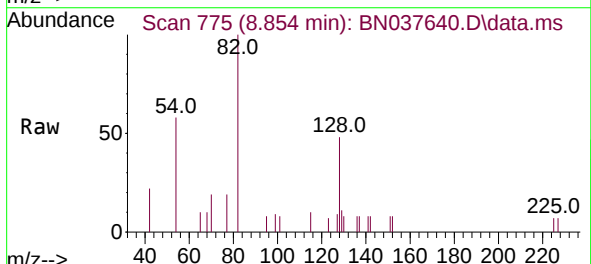
Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

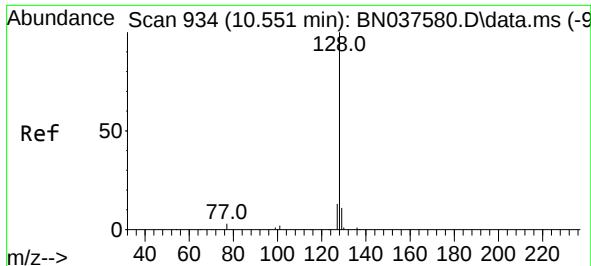
Tgt Ion:	136	Resp:	4535
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	11.3	7.3	10.9#
68	7.8	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:	82	Resp:	1159
Ion	Ratio	Lower	Upper
82	100		
128	47.9	32.6	48.8
54	57.9	48.9	73.3

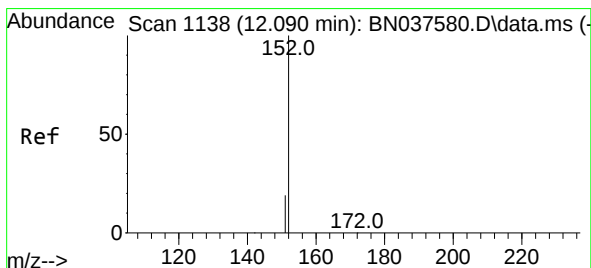
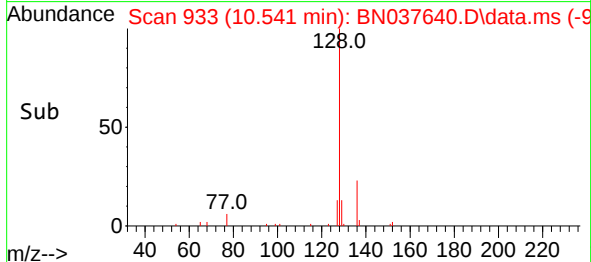
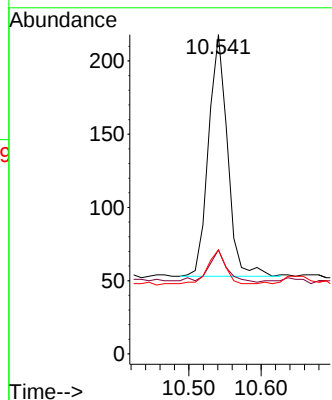
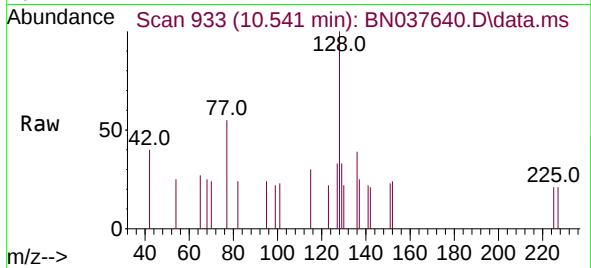




#9
Naphthalene
Concen: 0.025 ng
RT: 10.541 min Scan# 934
Delta R.T. -0.010 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

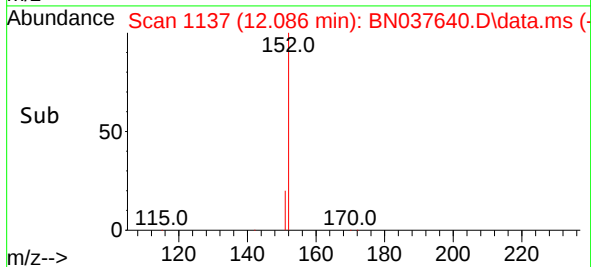
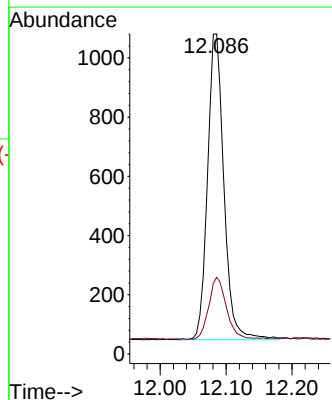
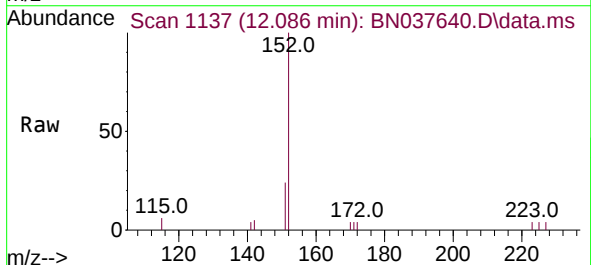
Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

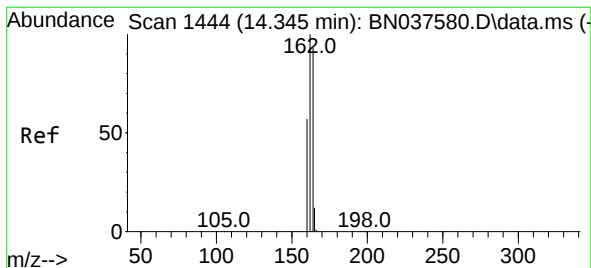
Tgt Ion:	128	Resp:	301
Ion	Ratio	Lower	Upper
128	100		
129	32.6	9.8	14.6#
127	32.6	11.5	17.3#



#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:	152	Resp:	1790
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.3	25.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.345 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BN037640.D

Acq: 20 Aug 2025 21:10

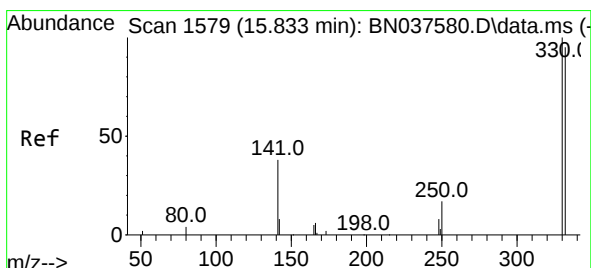
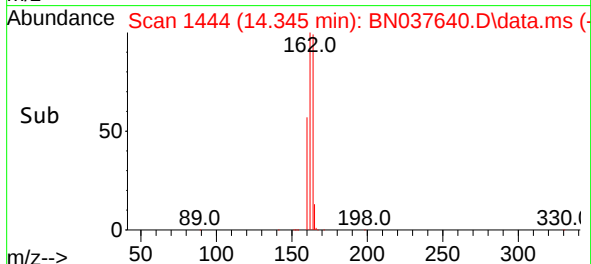
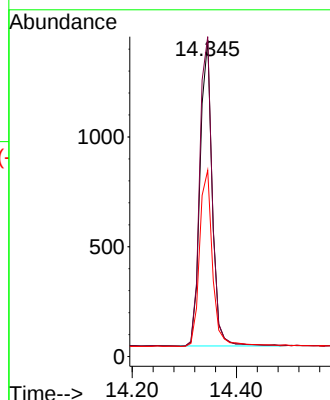
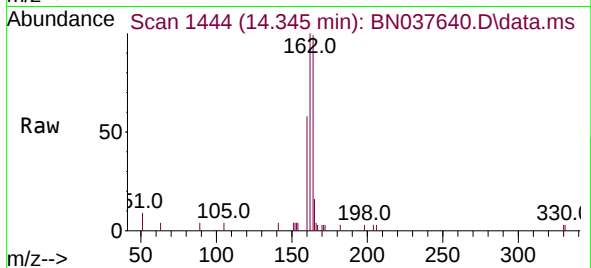
Instrument :

BNA_N

ClientSampleId :

BP-TT182D-GW-20250814

Tgt Ion:	164	Resp:	2256
Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.5	128.3
160	58.8	49.5	74.3



#14

2,4,6-Tribromophenol

Concen: 0.396 ng

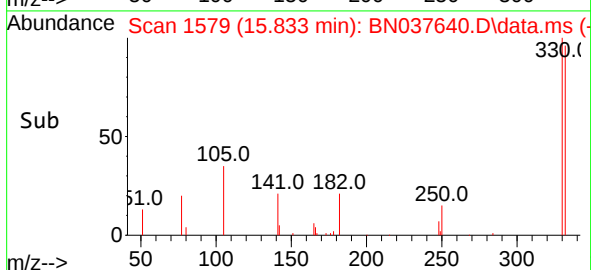
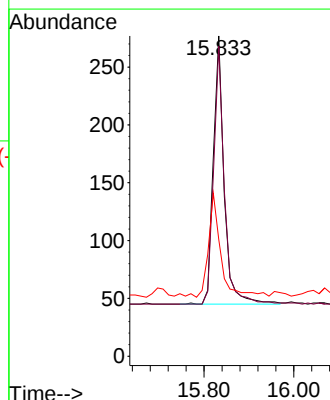
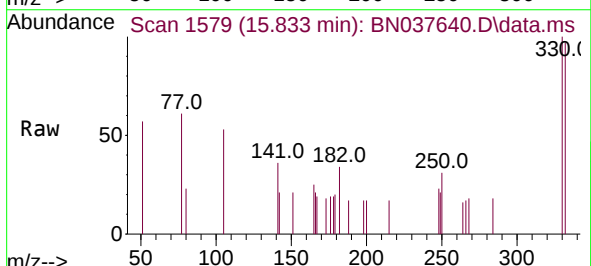
RT: 15.833 min Scan# 1579

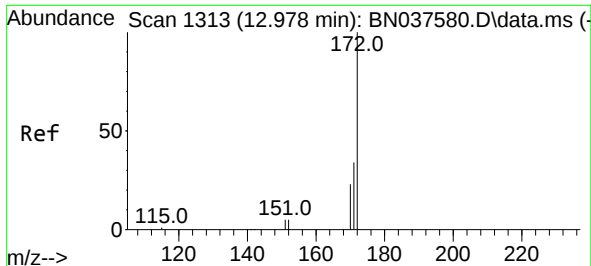
Delta R.T. 0.000 min

Lab File: BN037640.D

Acq: 20 Aug 2025 21:10

Tgt Ion:	330	Resp:	391
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	41.9	30.9	46.3

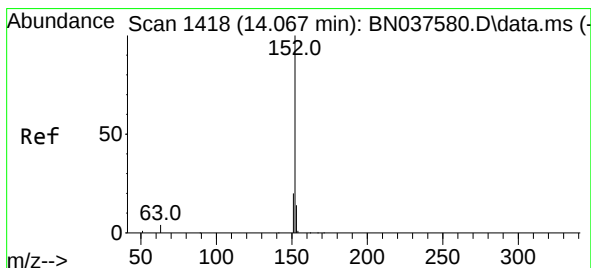
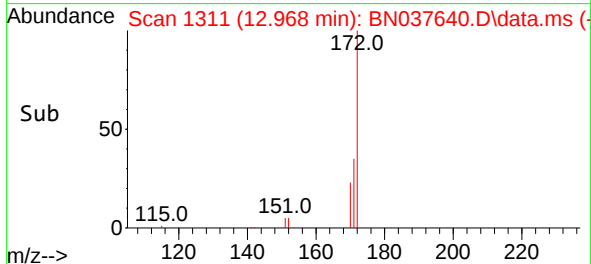
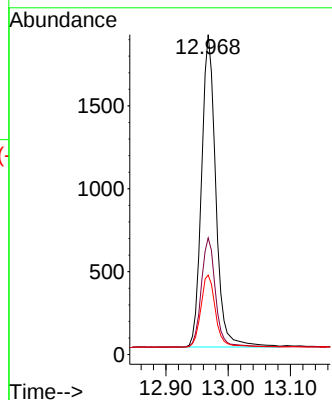
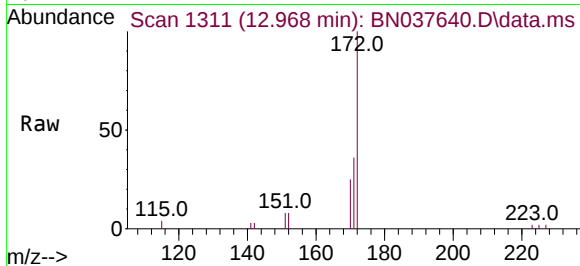




#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

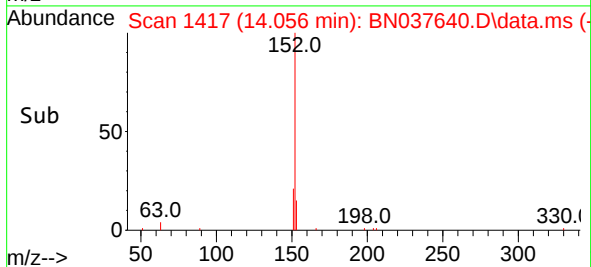
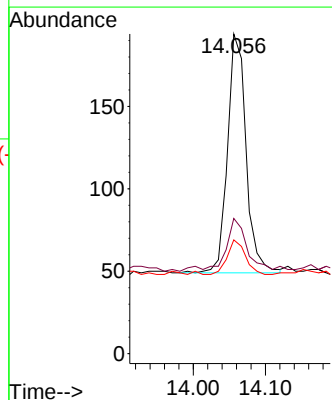
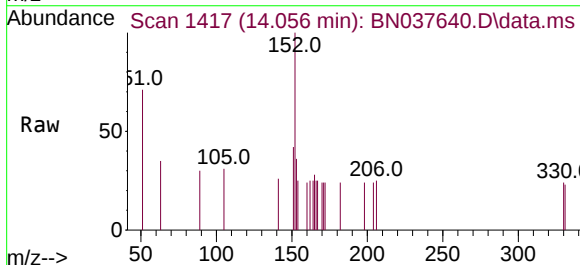
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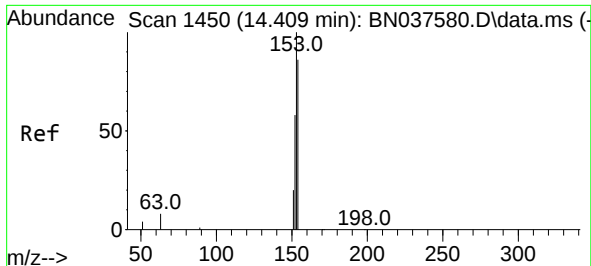
Tgt Ion:	172	Resp:	3910
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.2	42.4
170	24.8	19.2	28.8



#16
Acenaphthylene
Concen: 0.026 ng
RT: 14.056 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:	152	Resp:	259
Ion Ratio	Lower	Upper	
152	100		
151	23.6	16.1	24.1
153	14.3	10.7	16.1

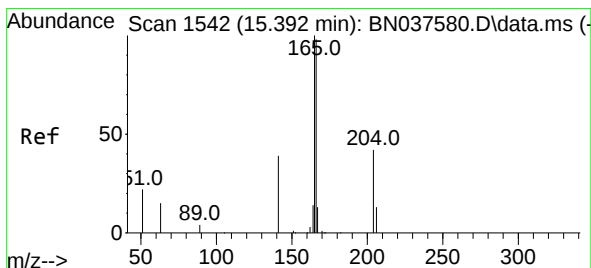
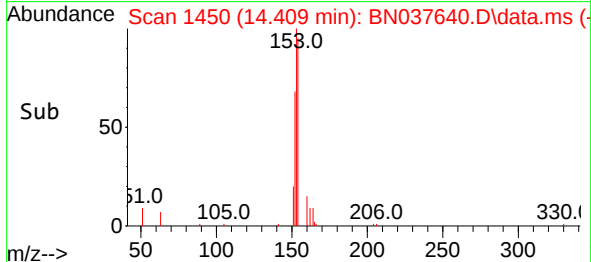
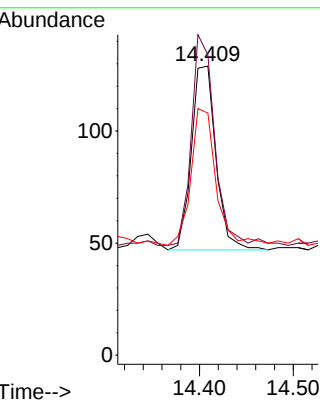
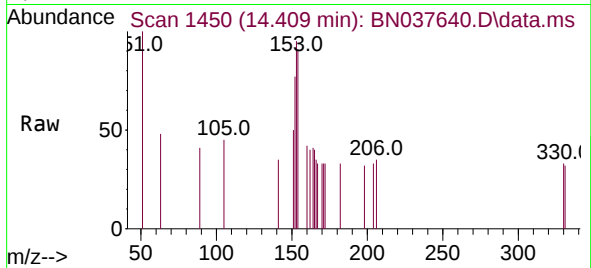




#17
Acenaphthene
Concen: 0.022 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

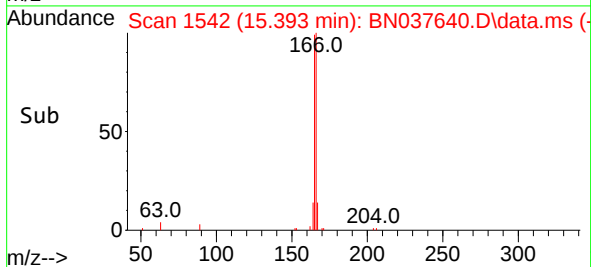
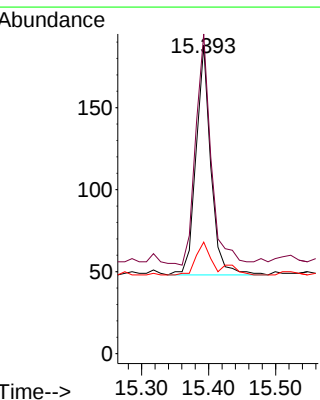
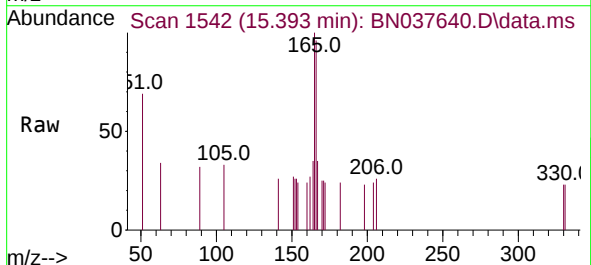
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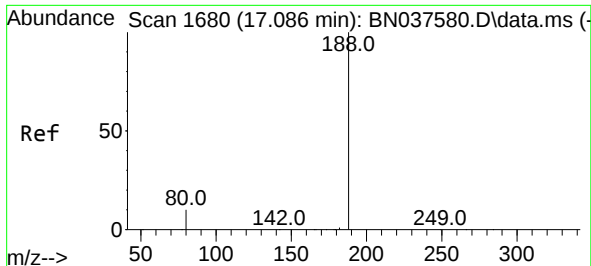
Tgt Ion:	154	Resp:	149
Ion	Ratio	Lower	Upper
154	100		
153	109.4	90.6	135.8
152	76.5	54.9	82.3



#18
Fluorene
Concen: 0.024 ng
RT: 15.393 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:	166	Resp:	216
Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.9	118.3
167	18.1	10.7	16.1

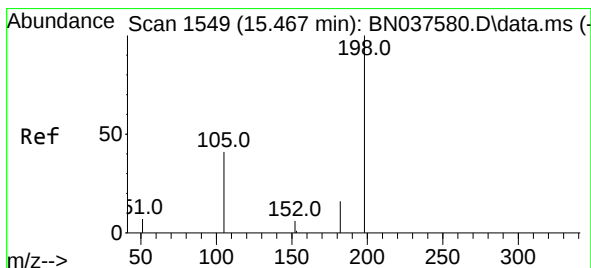
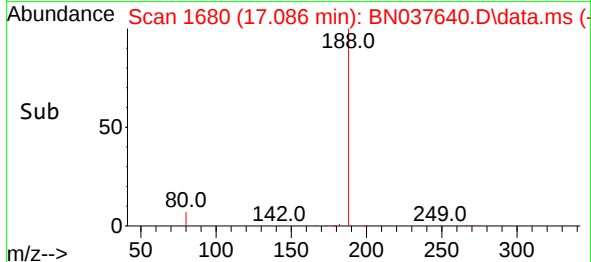
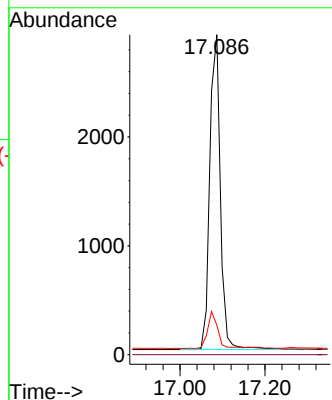
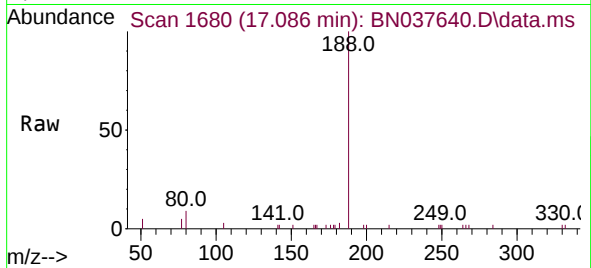




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

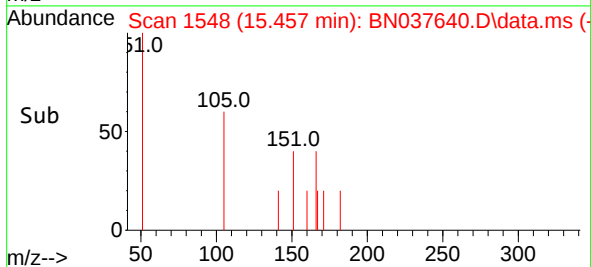
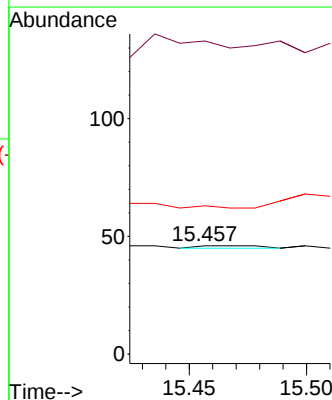
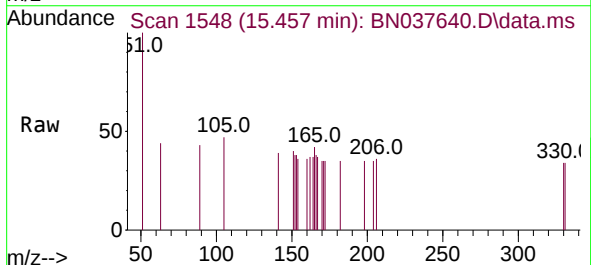
Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

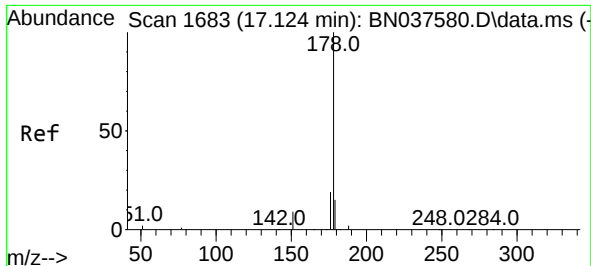
Tgt Ion:188	Resp:	4998
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.2	13.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.183 ng
RT: 15.457 min Scan# 1548
Delta R.T. -0.010 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:198	Resp:	2
Ion Ratio	Lower	Upper
198	100	
51	289.1	81.0
105	137.0	52.5

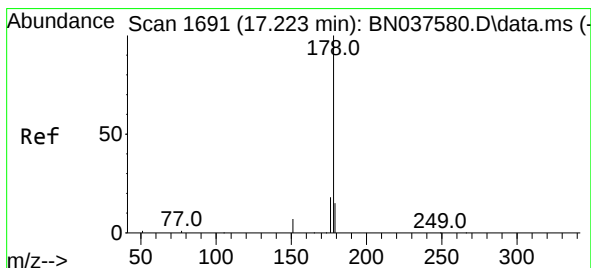
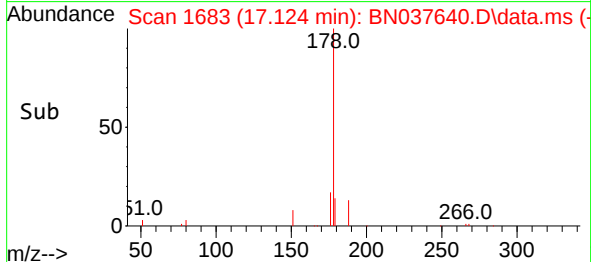
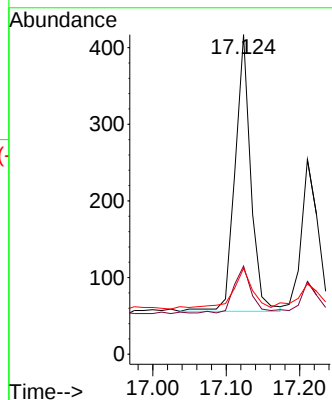
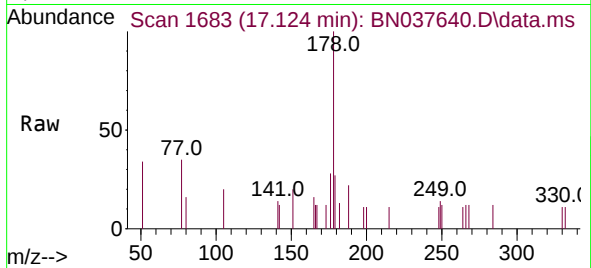




#25
Phenanthrene
Concen: 0.036 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

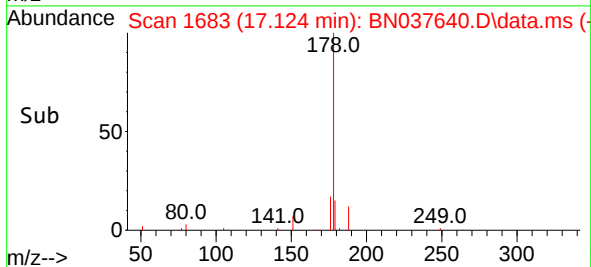
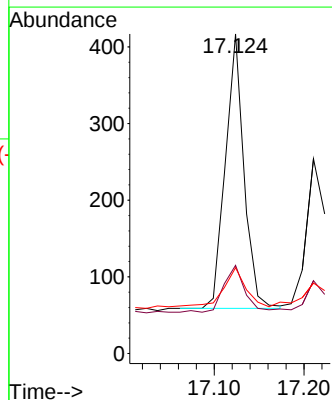
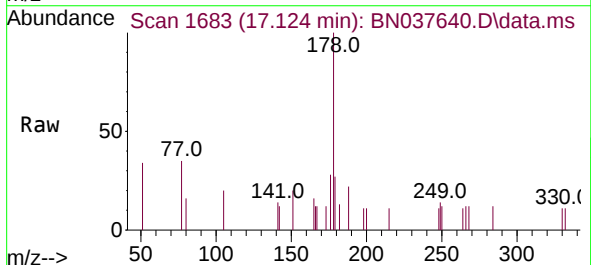
Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

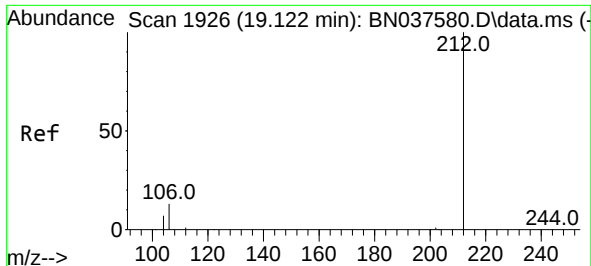
Tgt Ion:178 Resp: 540
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.6
179 19.1 12.3 18.5#



#26
Anthracene
Concen: 0.038 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.099 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:178 Resp: 515
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 16.7 12.3 18.5

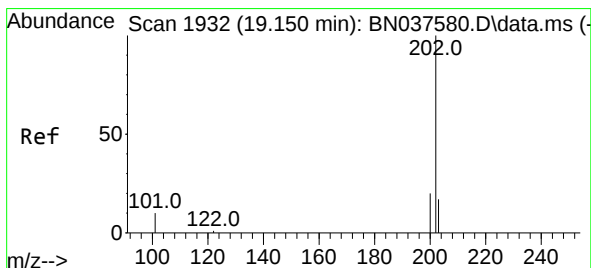
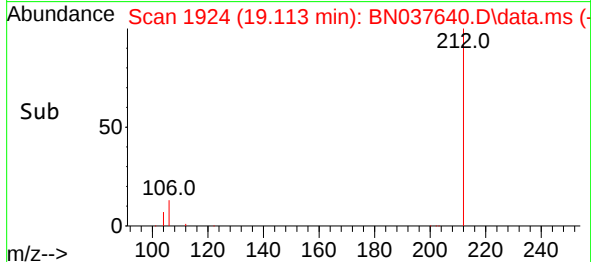
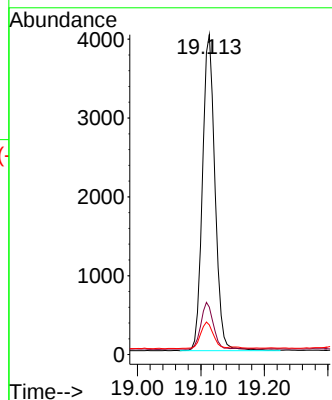
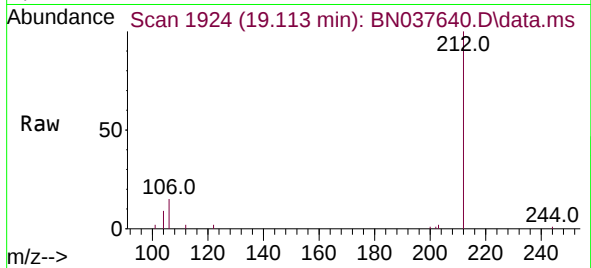




#27
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.113 min Scan# 1919
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

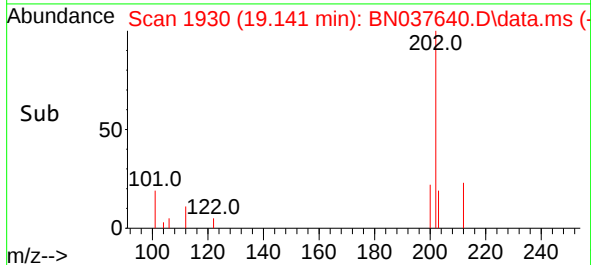
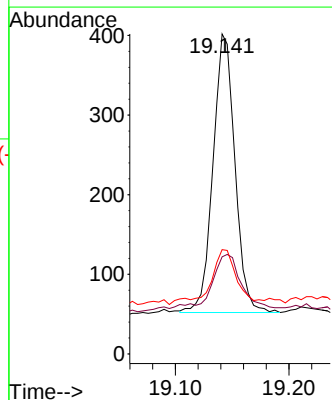
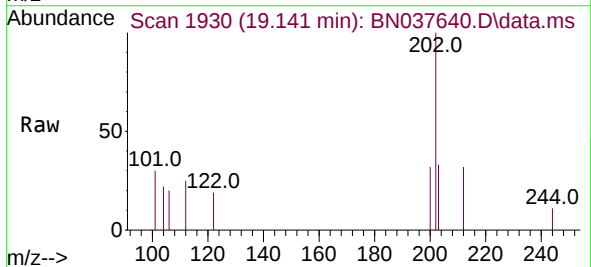
Instrument :
BNA_N
ClientSampleId :
BP-TT182D-GW-20250814

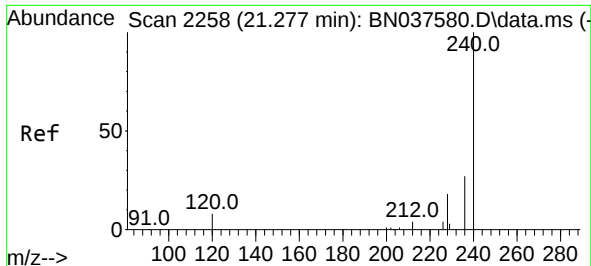
Tgt Ion:212 Resp: 5489
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.5 6.6 9.8



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BN037640.D
Acq: 20 Aug 2025 21:10

Tgt Ion:202 Resp: 472
Ion Ratio Lower Upper
202 100
101 31.1 9.0 13.6#
203 18.6 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037640.D

Acq: 20 Aug 2025 21:10

Instrument :

BNA_N

ClientSampleId :

BP-TT182D-GW-20250814

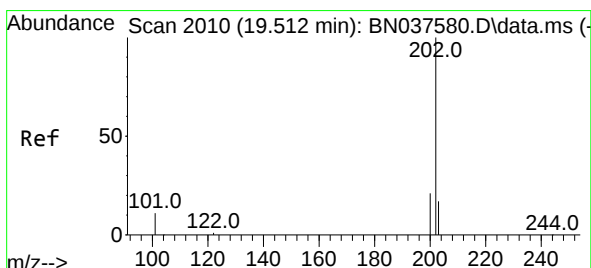
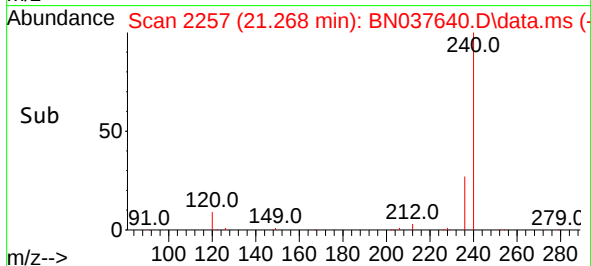
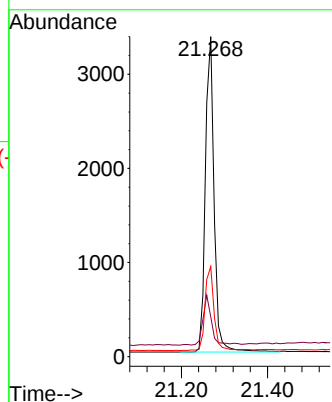
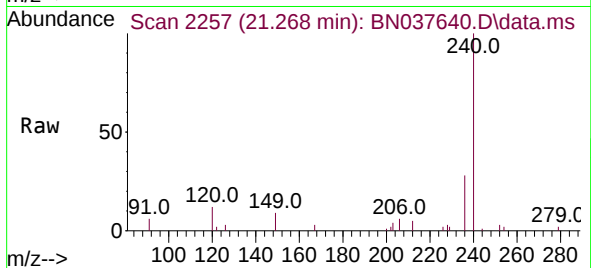
Tgt Ion:240 Resp: 4680

Ion Ratio Lower Upper

240 100

120 12.4 8.9 13.3

236 28.1 22.6 33.8



#30

Pyrene

Concen: 0.027 ng

RT: 19.503 min Scan# 2008

Delta R.T. -0.009 min

Lab File: BN037640.D

Acq: 20 Aug 2025 21:10

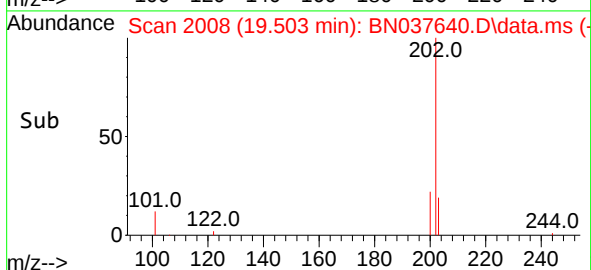
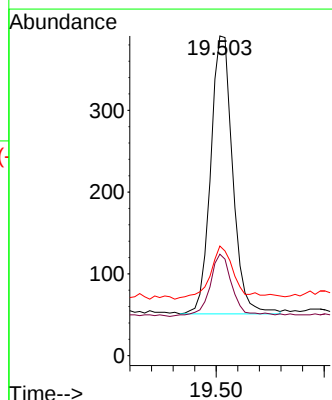
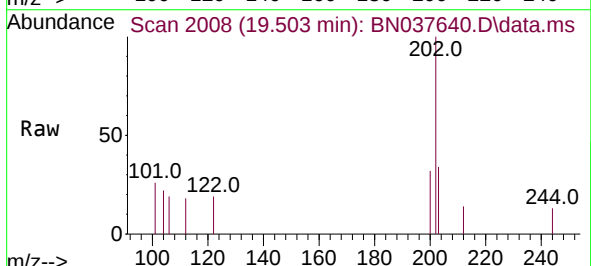
Tgt Ion:202 Resp: 481

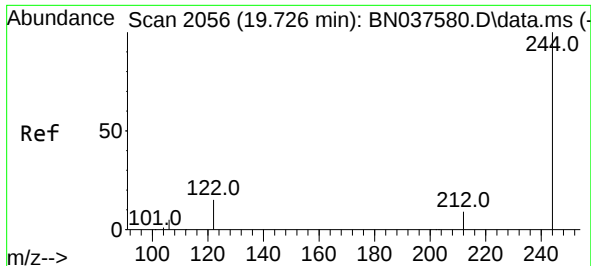
Ion Ratio Lower Upper

202 100

200 23.1 16.6 25.0

203 20.0 14.3 21.5

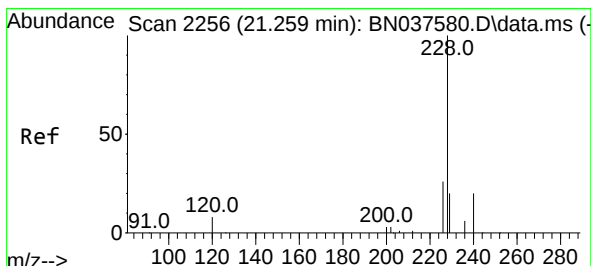
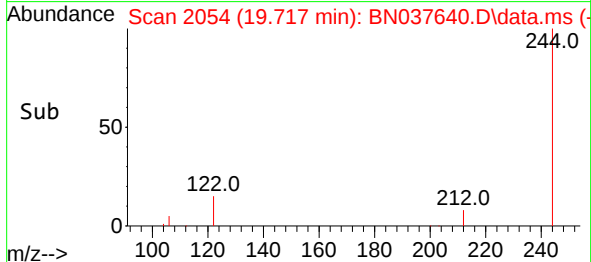
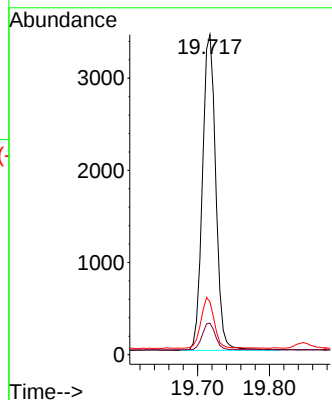
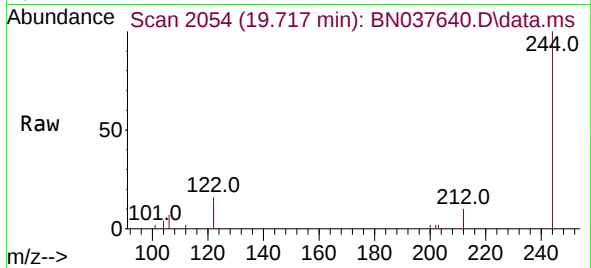




#31
 Terphenyl-d14
 Concen: 0.458 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.009 min
 Lab File: BN037640.D
 Acq: 20 Aug 2025 21:10

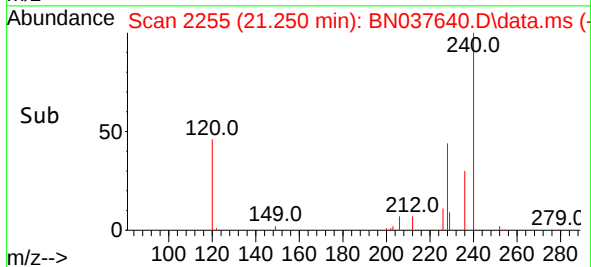
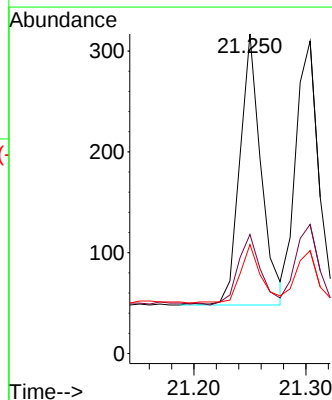
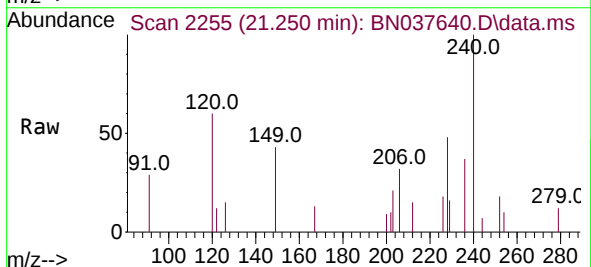
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT182D-GW-20250814

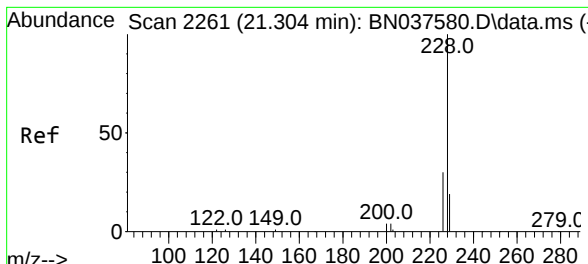
Tgt Ion:244 Resp: 4413
 Ion Ratio Lower Upper
 244 100
 212 9.8 8.2 12.2
 122 16.5 13.2 19.8



#32
 Benzo(a)anthracene
 Concen: 0.023 ng
 RT: 21.250 min Scan# 2255
 Delta R.T. -0.009 min
 Lab File: BN037640.D
 Acq: 20 Aug 2025 21:10

Tgt Ion:228 Resp: 356
 Ion Ratio Lower Upper
 228 100
 226 37.2 21.5 32.3#
 229 34.1 16.5 24.7#





#33

Chrysene

Concen: 0.022 ng

RT: 21.304 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BN037640.D

Acq: 20 Aug 2025 21:10

Instrument :

BNA_N

ClientSampleId :

BP-TT182D-GW-20250814

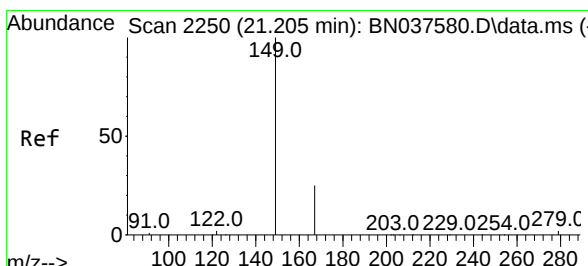
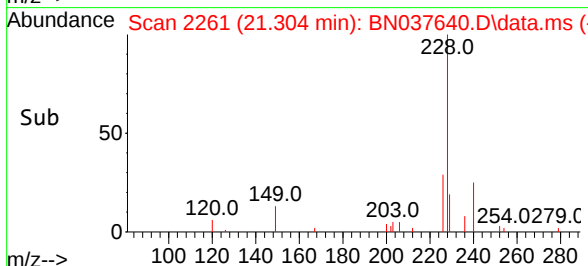
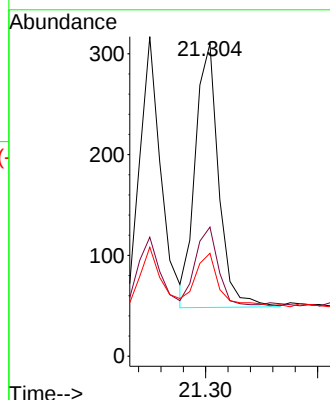
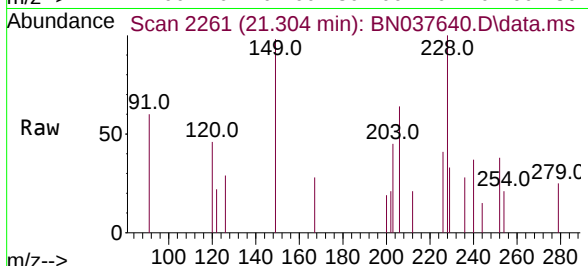
Tgt Ion:228 Resp: 380

Ion Ratio Lower Upper

228 100

226 41.3 24.9 37.3#

229 32.9 15.8 23.8#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.185 ng

RT: 21.196 min Scan# 2249

Delta R.T. -0.009 min

Lab File: BN037640.D

Acq: 20 Aug 2025 21:10

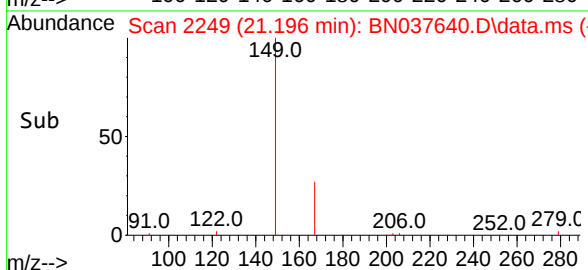
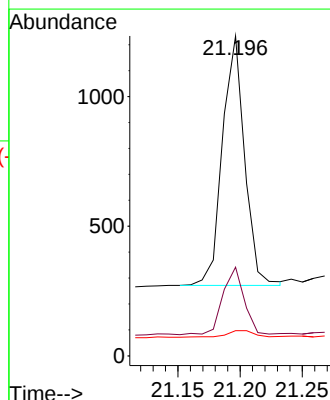
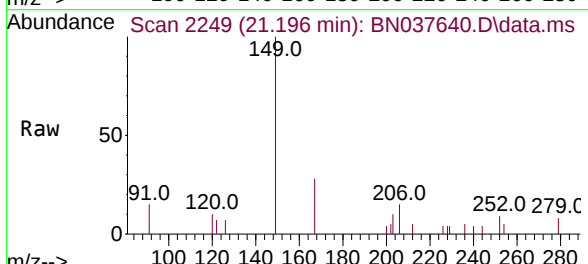
Tgt Ion:149 Resp: 1193

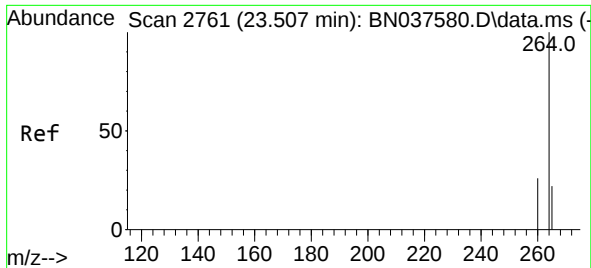
Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

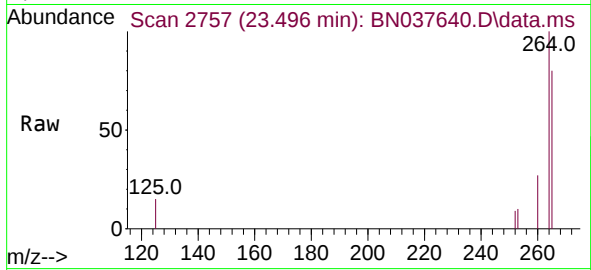
279 3.4 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.496 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN037640.D
 Acq: 20 Aug 2025 21:10

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT182D-GW-20250814



Tgt Ion: 264 Resp: 4140

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.6	32.4
265	79.6	48.2	72.4

