

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037265.D
 Acq On : 14 Jun 2025 17:00
 Operator : RC/JU
 Sample : Q2299-18
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT190D1-20250611

Quant Time: Jun 16 02:43:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

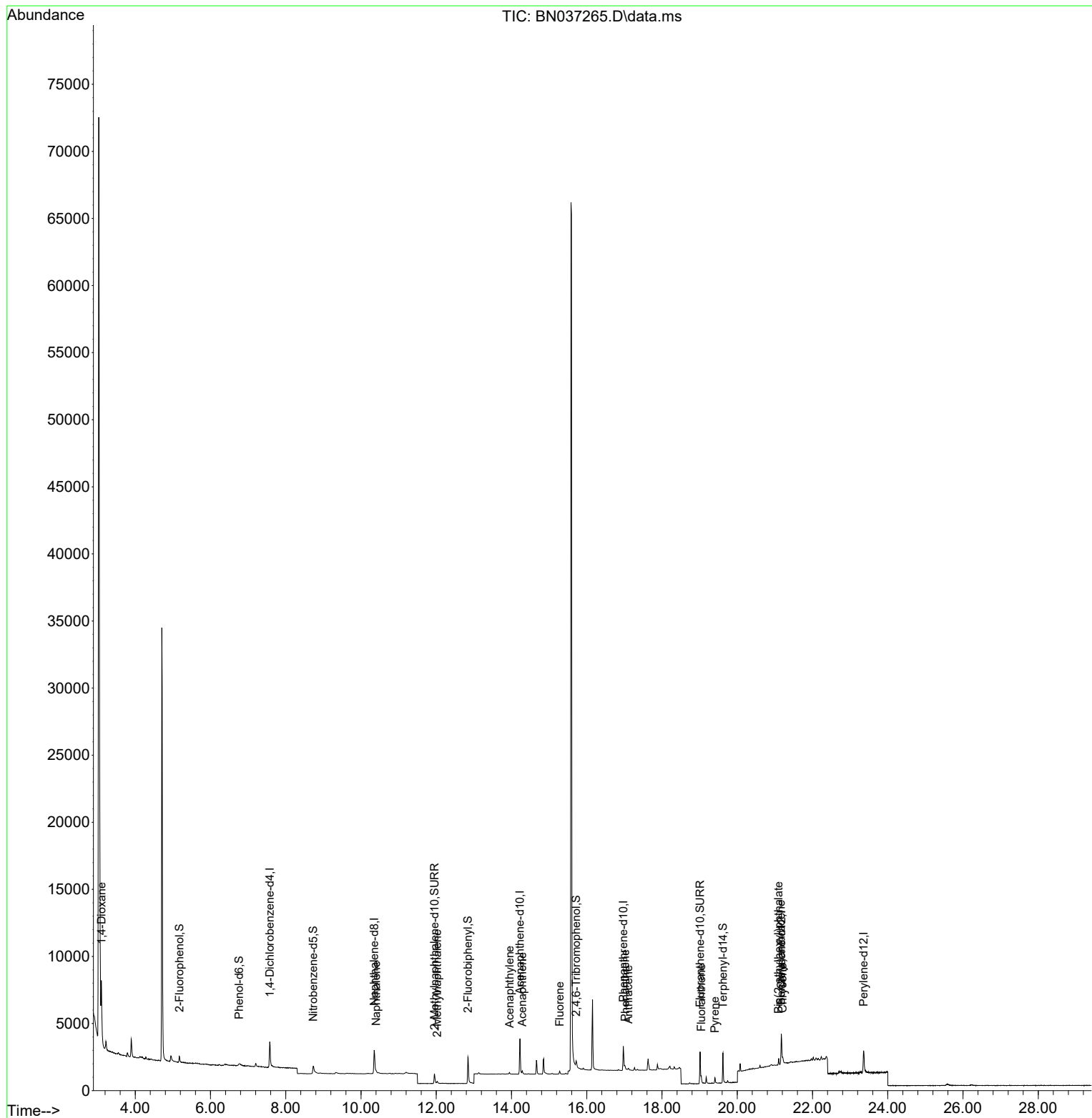
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1132	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2844	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1545	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2840	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2558	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	2398	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	341	0.123	ng	0.00
5) Phenol-d6	6.759	99	172	0.059	ng	0.00
8) Nitrobenzene-d5	8.728	82	798	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	1174	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	222	0.346	ng	-0.01
15) 2-Fluorobiphenyl	12.843	172	2041	0.314	ng	0.00
27) Fluoranthene-d10	19.012	212	3030	0.408	ng	0.00
31) Terphenyl-d14	19.621	244	2397	0.415	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.104	88	2246	1.446	ng	# 89
9) Naphthalene	10.404	128	215	0.026	ng	# 29
12) 2-Methylnaphthalene	12.026	142	123	0.025	ng	# 84
16) Acenaphthylene	13.946	152	155	0.020	ng	94
17) Acenaphthene	14.288	154	110	0.023	ng	100
18) Fluorene	15.282	166	144	0.023	ng	94
25) Phenanthrene	17.021	178	353	0.039	ng	95
26) Anthracene	17.108	178	178	0.022	ng	99
28) Fluoranthene	19.040	202	393	0.037	ng	# 87
30) Pyrene	19.407	202	420	0.035	ng	98
32) Benzo(a)anthracene	21.162	228	261	0.030	ng	# 64
33) Chrysene	21.207	228	281	0.026	ng	# 71
34) Bis(2-ethylhexyl)phtha...	21.099	149	429	0.067	ng	# 97

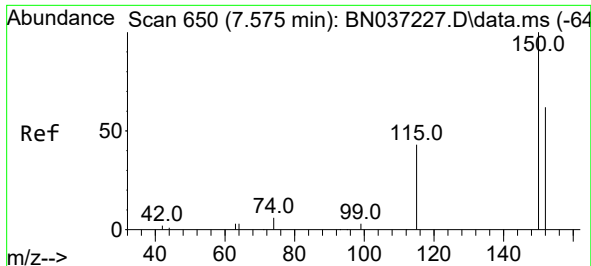
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037265.D
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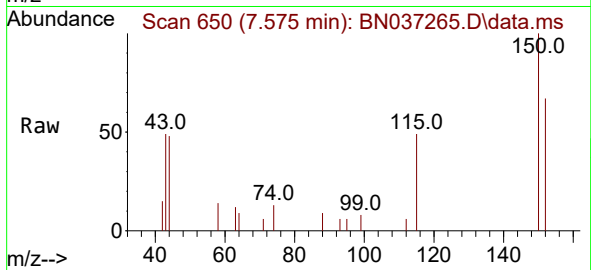
Quant Time: Jun 16 02:43:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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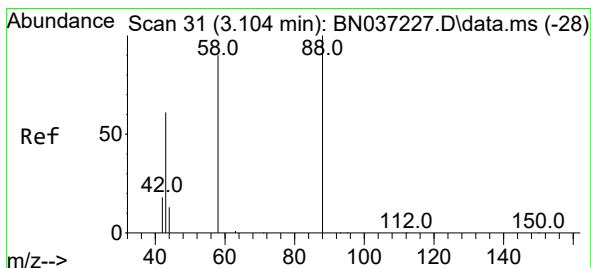
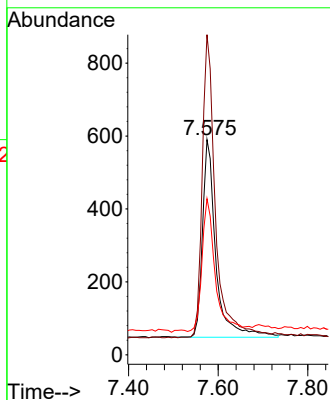
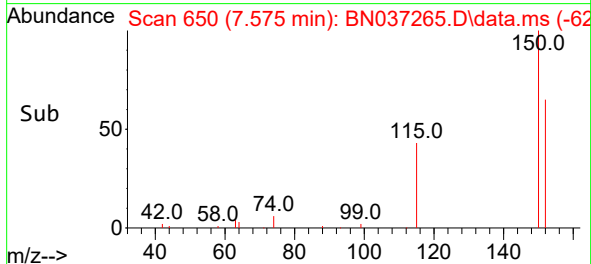


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037265.D
 Acq: 14 Jun 2025 17:00

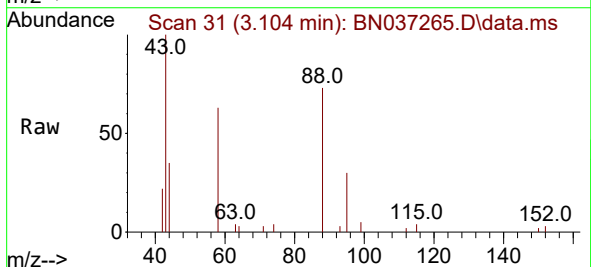
Instrument :
 BNA_N
 ClientSampleId :
 TT190D1-20250611



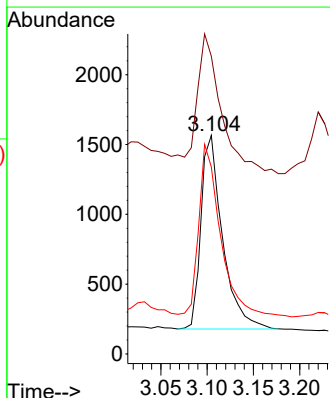
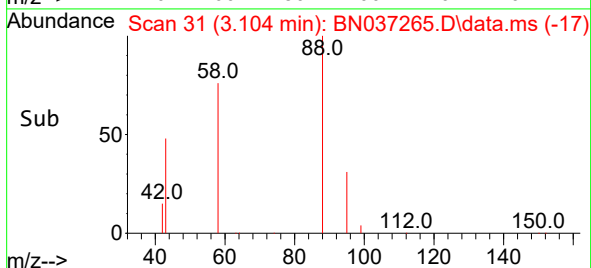
Tgt Ion:152 Resp: 1132
 Ion Ratio Lower Upper
 152 100
 150 148.8 125.2 187.8
 115 72.5 58.4 87.6

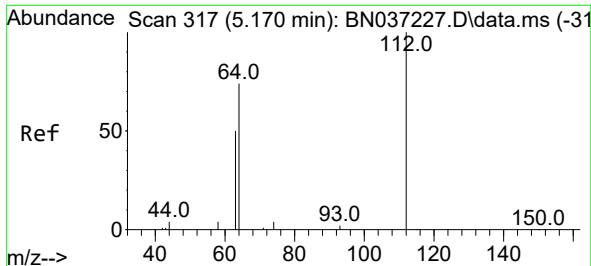


#2
 1,4-Dioxane
 Concen: 1.446 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037265.D
 Acq: 14 Jun 2025 17:00



Tgt Ion: 88 Resp: 2246
 Ion Ratio Lower Upper
 88 100
 43 80.4 52.6 79.0#
 58 86.9 73.5 110.3





#4

2-Fluorophenol

Concen: 0.123 ng

RT: 5.177 min Scan# 317

Delta R.T. 0.007 min

Lab File: BN037265.D

Acq: 14 Jun 2025 17:00

Instrument :

BNA_N

ClientSampleId :

TT190D1-20250611

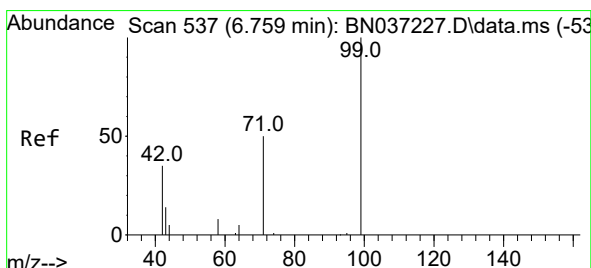
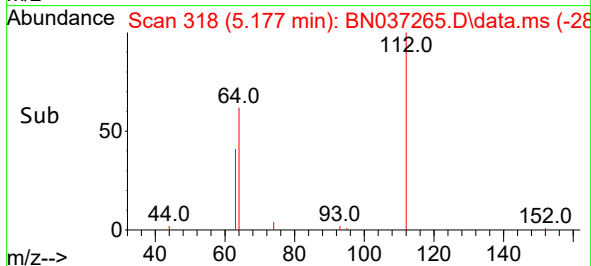
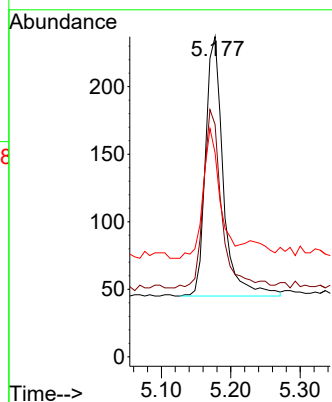
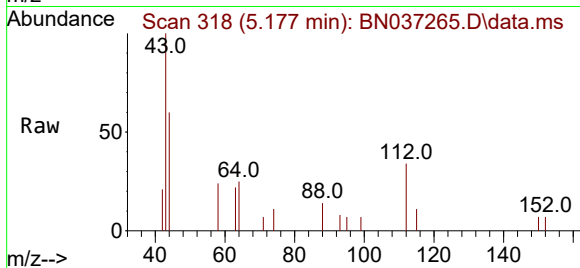
Tgt Ion:112 Resp: 341

Ion Ratio Lower Upper

112 100

64 72.1 57.2 85.8

63 48.1 39.8 59.6



#5

Phenol-d6

Concen: 0.059 ng

RT: 6.759 min Scan# 537

Delta R.T. 0.000 min

Lab File: BN037265.D

Acq: 14 Jun 2025 17:00

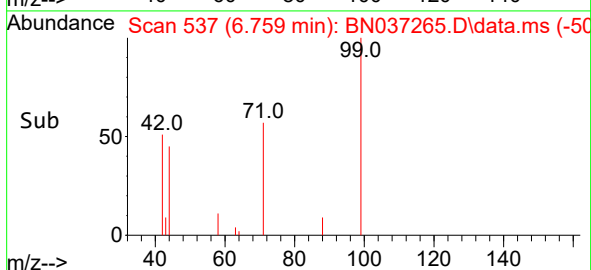
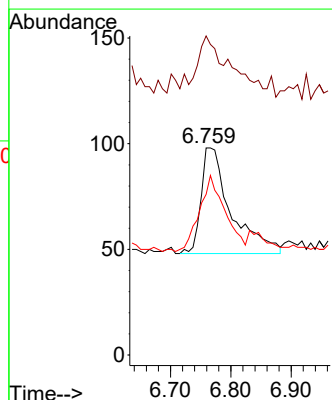
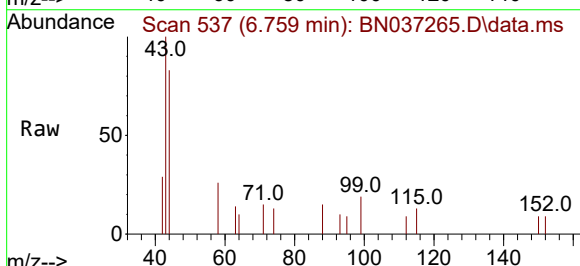
Tgt Ion: 99 Resp: 172

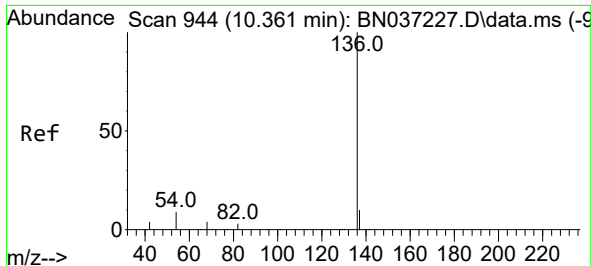
Ion Ratio Lower Upper

99 100

42 65.7 36.2 54.4#

71 61.6 42.4 63.6

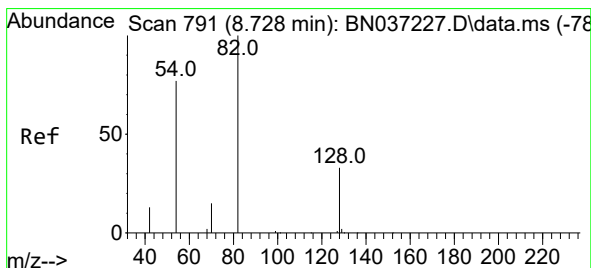
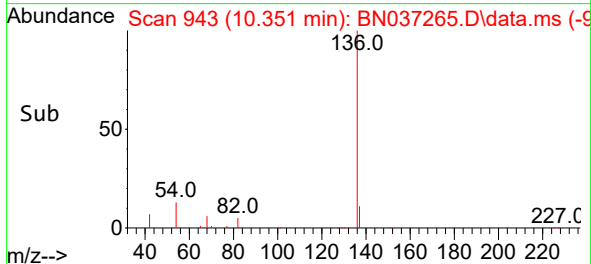
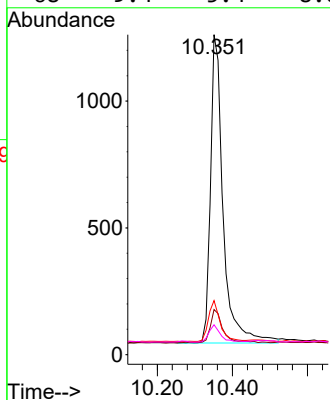
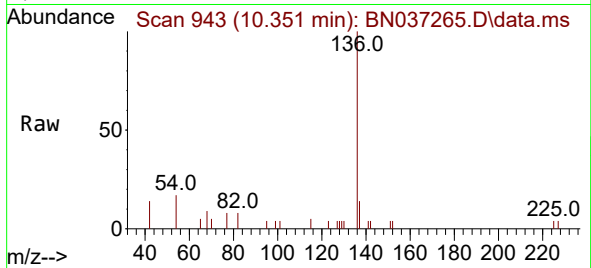




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.010 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

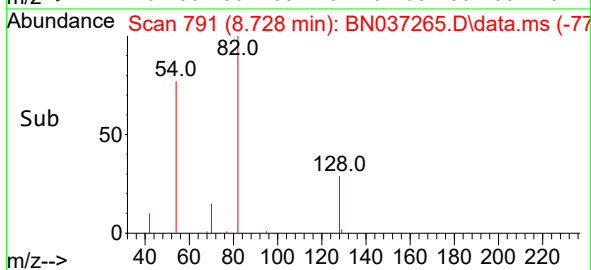
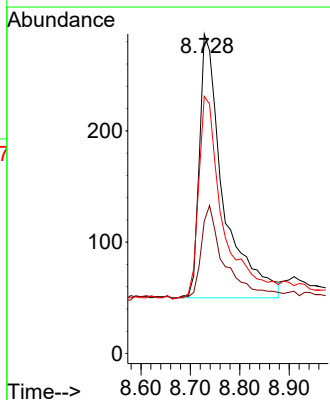
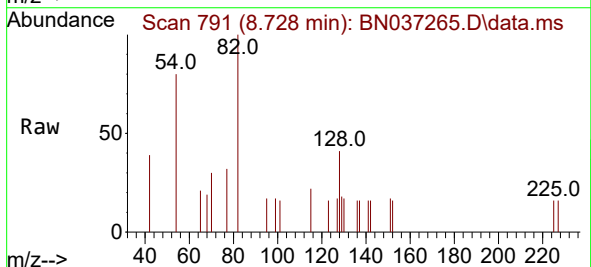
Instrument :
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TT190D1-20250611

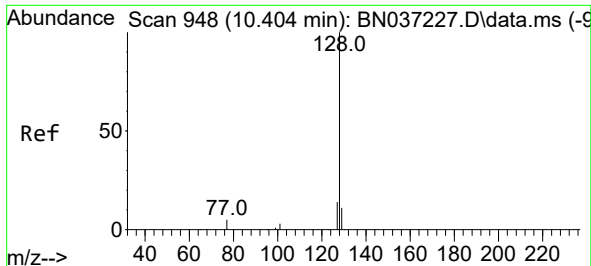
Tgt Ion:	136	Resp:	2844
Ion Ratio	Lower	Upper	
136	100		
137	14.1	10.6	15.8
54	16.9	9.2	13.8#
68	9.4	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

Tgt Ion:	82	Resp:	798
Ion Ratio	Lower	Upper	
82	100		
128	41.5	31.2	46.8
54	80.5	63.3	94.9

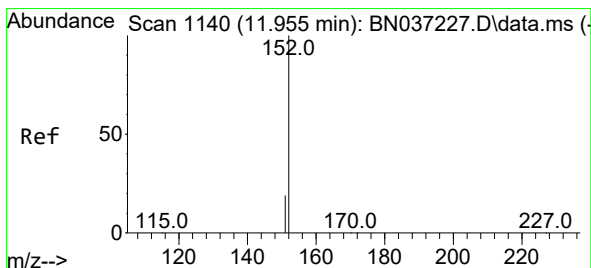
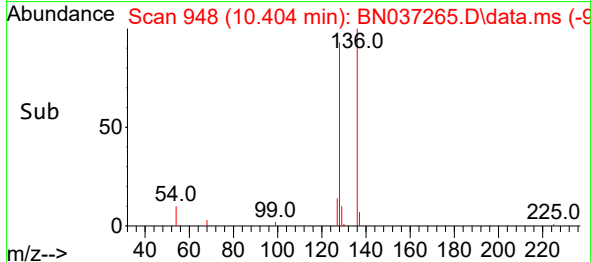
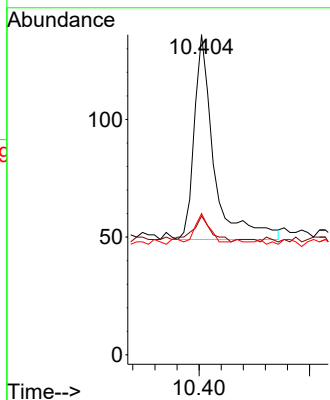
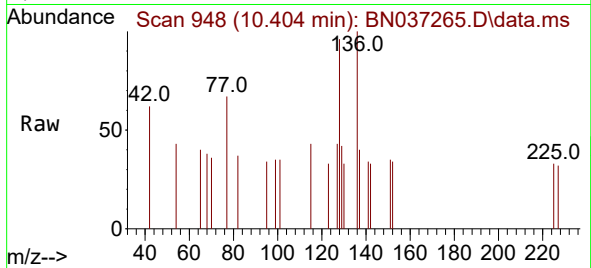




#9
Naphthalene
Concen: 0.026 ng
RT: 10.404 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

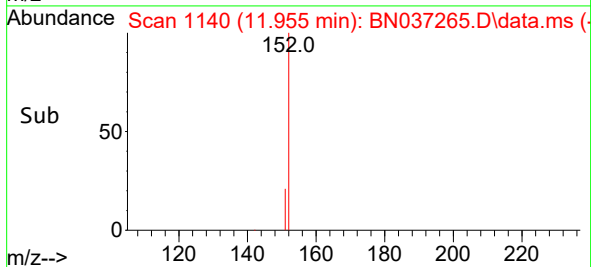
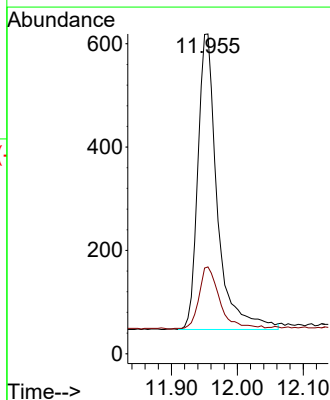
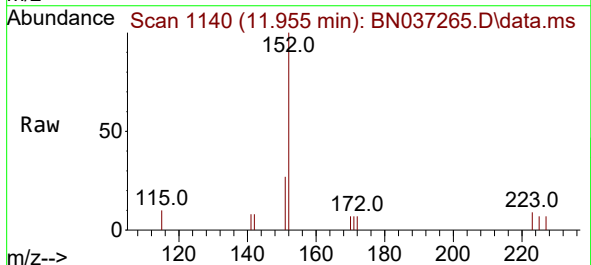
Instrument :
BNA_N
ClientSampleId :
TT190D1-20250611

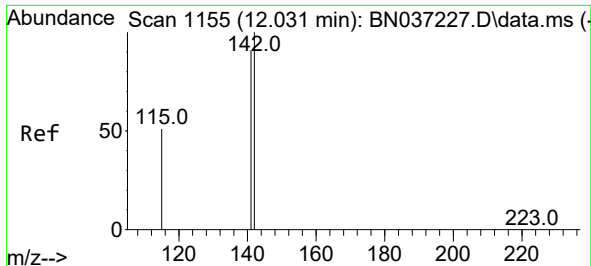
Tgt Ion:128 Resp: 215
Ion Ratio Lower Upper
128 100
129 43.4 10.7 16.1#
127 44.1 12.6 19.0#



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

Tgt Ion:152 Resp: 1174
Ion Ratio Lower Upper
152 100
151 22.6 17.9 26.9

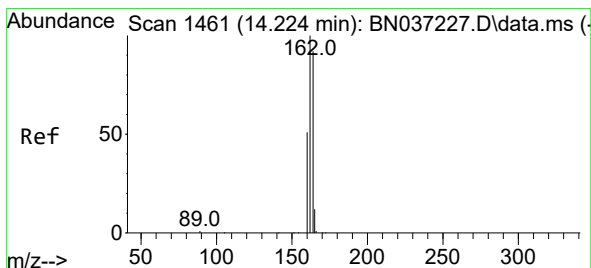
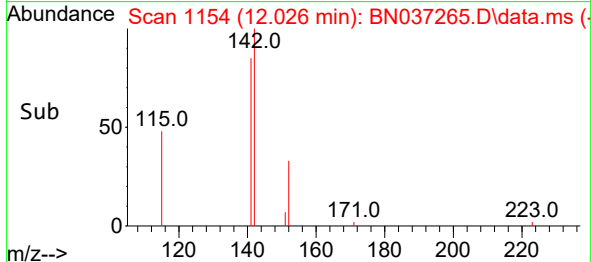
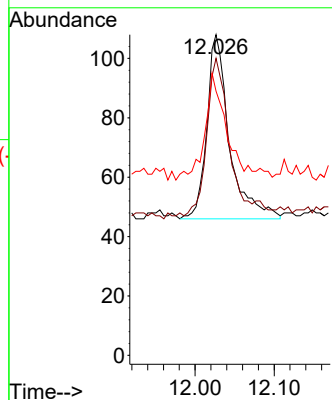
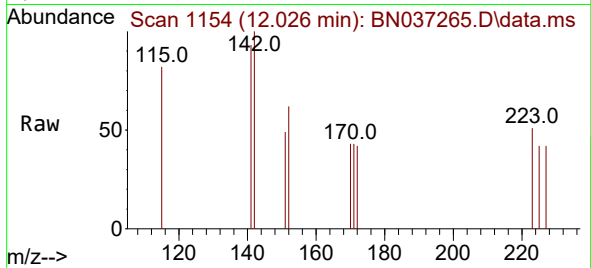




#12
2-Methylnaphthalene
Concen: 0.025 ng
RT: 12.026 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

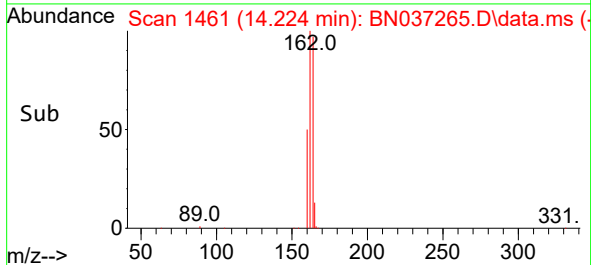
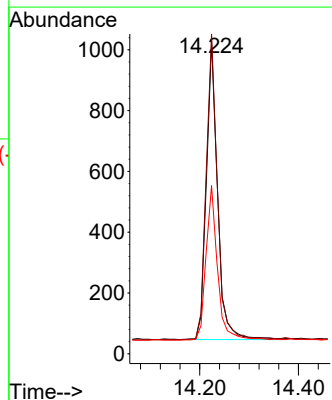
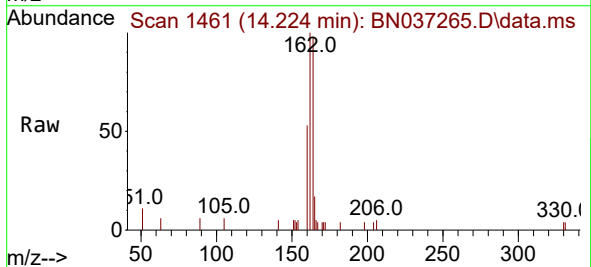
Instrument :
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ClientSampleId :
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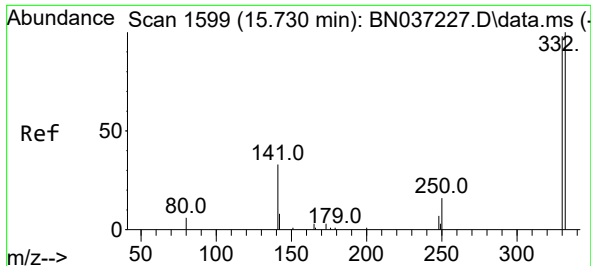
Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.6
115 82.4 43.3 64.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

Tgt Ion:164 Resp: 1545
Ion Ratio Lower Upper
164 100
162 102.4 86.7 130.1
160 53.8 45.8 68.6

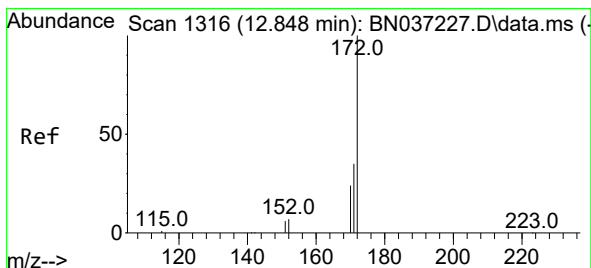
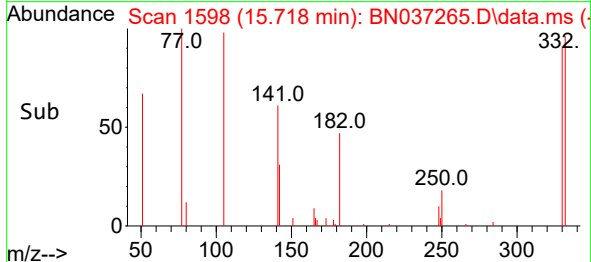
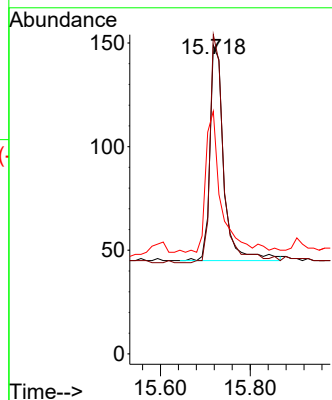
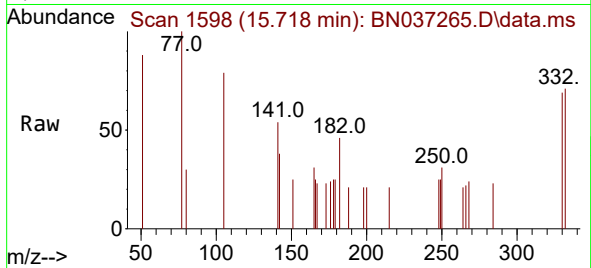




#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

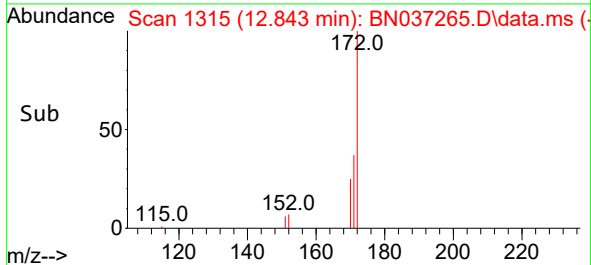
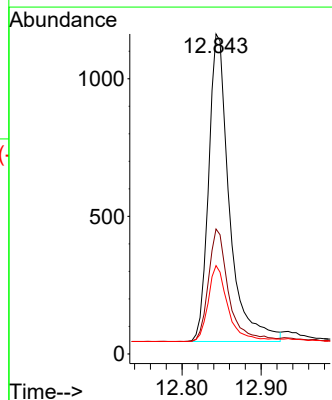
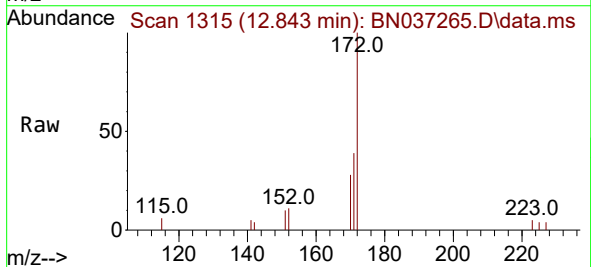
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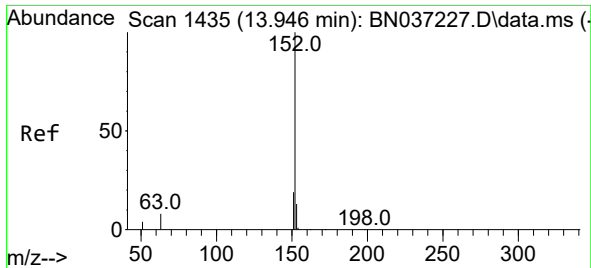
Tgt Ion:330 Resp: 222
Ion Ratio Lower Upper
330 100
332 101.8 74.9 112.3
141 69.4 45.1 67.7#



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

Tgt Ion:172 Resp: 2041
Ion Ratio Lower Upper
172 100
171 39.0 29.8 44.8
170 27.6 21.1 31.7

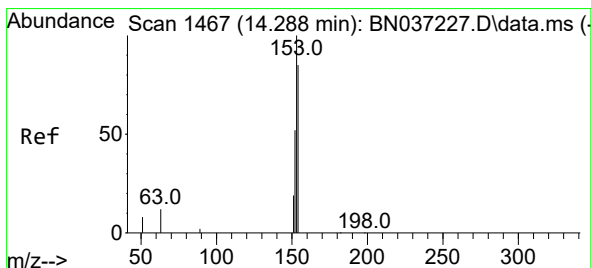
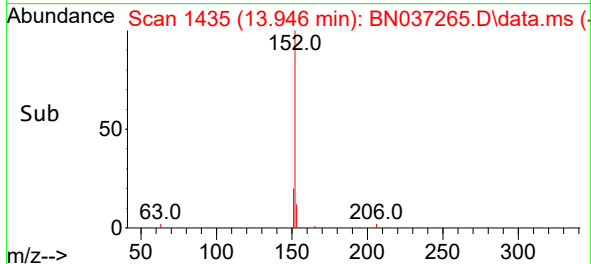
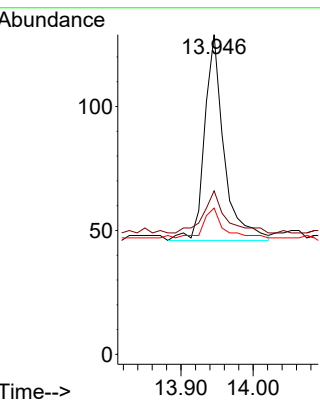
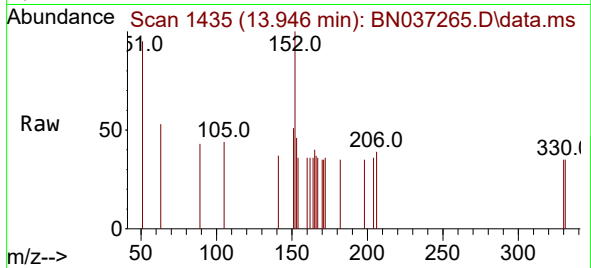




#16
Acenaphthylene
Concen: 0.020 ng
RT: 13.946 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

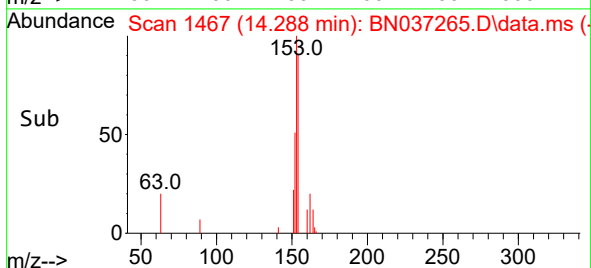
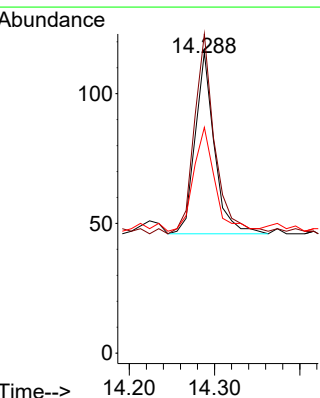
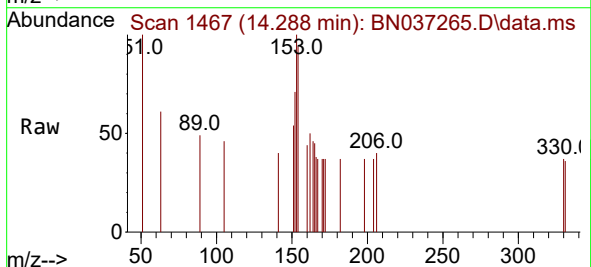
Instrument :
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TT190D1-20250611

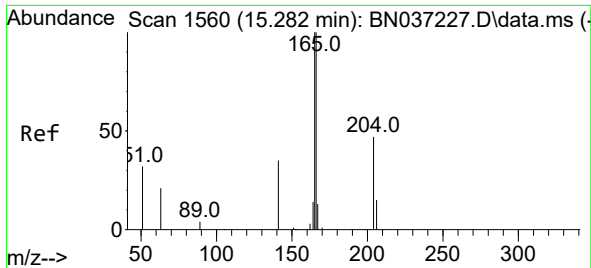
Tgt Ion:152 Resp: 155
Ion Ratio Lower Upper
152 100
151 23.2 15.7 23.5
153 14.8 10.7 16.1



#17
Acenaphthene
Concen: 0.023 ng
RT: 14.288 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

Tgt Ion:154 Resp: 110
Ion Ratio Lower Upper
154 100
153 118.2 94.6 141.8
152 62.7 49.6 74.4

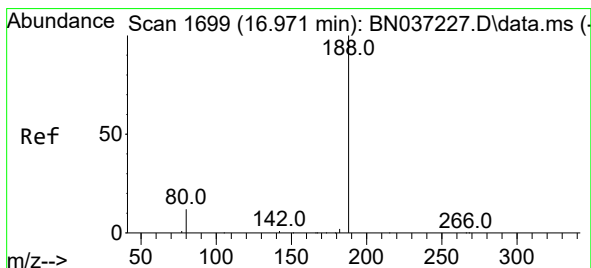
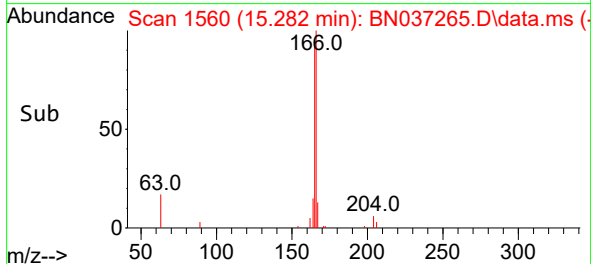
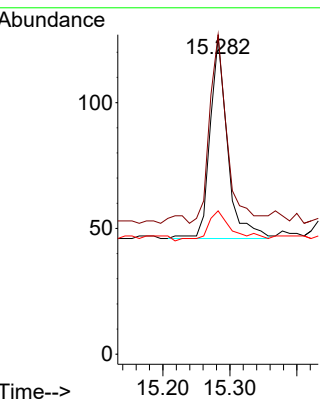
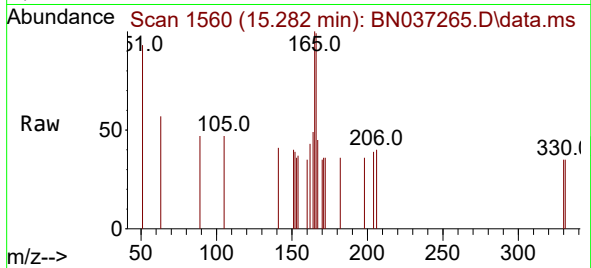




#18
 Fluorene
 Concen: 0.023 ng
 RT: 15.282 min Scan# 1560
 Delta R.T. 0.000 min
 Lab File: BN037265.D
 Acq: 14 Jun 2025 17:00

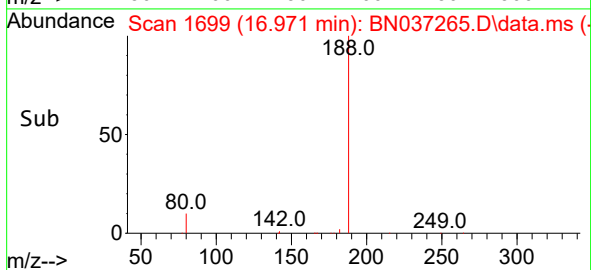
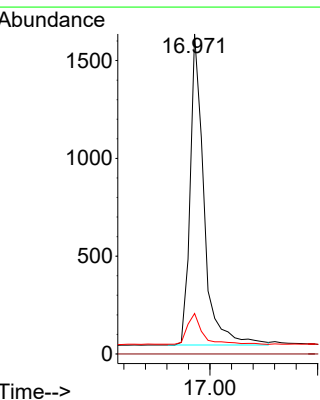
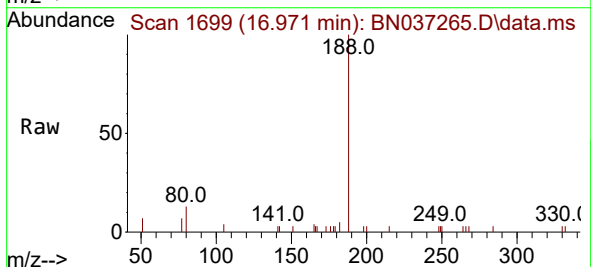
Instrument :
 BNA_N
 ClientSampleId :
 TT190D1-20250611

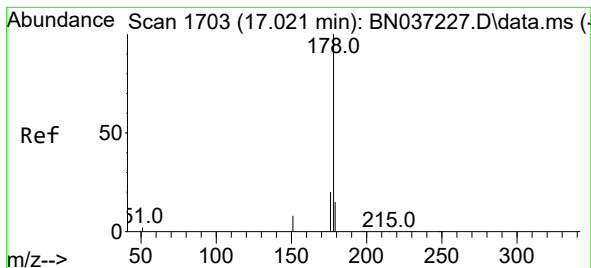
Tgt Ion:166 Resp: 144
 Ion Ratio Lower Upper
 166 100
 165 93.8 79.8 119.6
 167 16.0 10.8 16.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.971 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: BN037265.D
 Acq: 14 Jun 2025 17:00

Tgt Ion:188 Resp: 2840
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.7 12.2 18.4





#25

Phenanthrene

Concen: 0.039 ng

RT: 17.021 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037265.D

Acq: 14 Jun 2025 17:00

Instrument :

BNA_N

ClientSampleId :

TT190D1-20250611

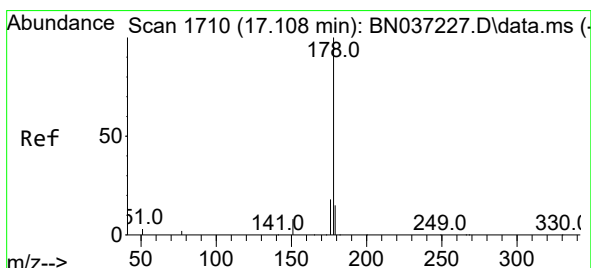
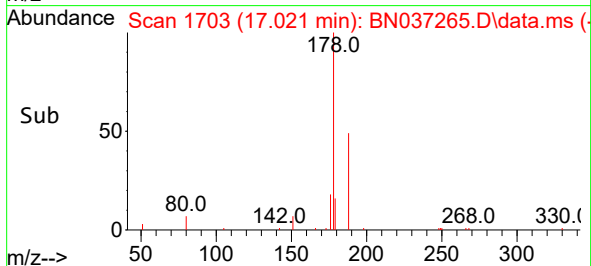
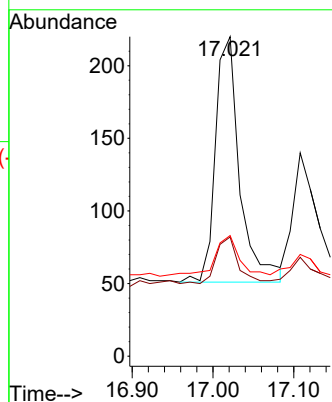
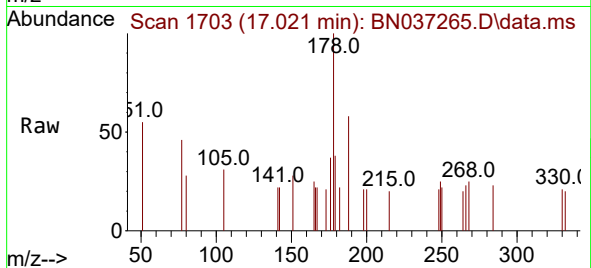
Tgt Ion:178 Resp: 353

Ion Ratio Lower Upper

178 100

176 17.0 16.3 24.5

179 17.0 12.6 18.8



#26

Anthracene

Concen: 0.022 ng

RT: 17.108 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BN037265.D

Acq: 14 Jun 2025 17:00

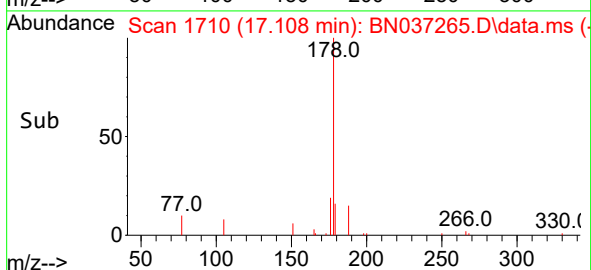
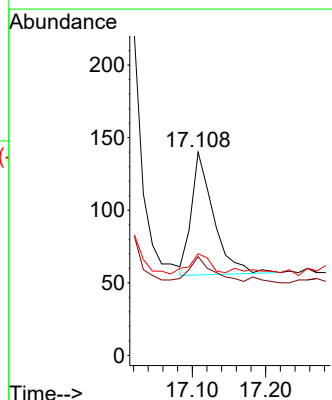
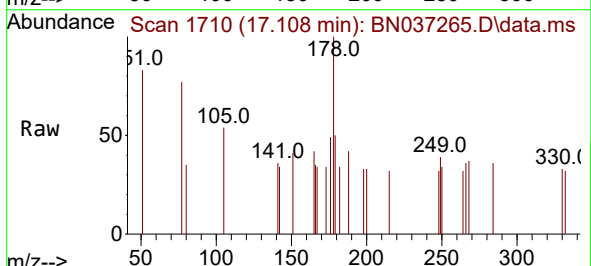
Tgt Ion:178 Resp: 178

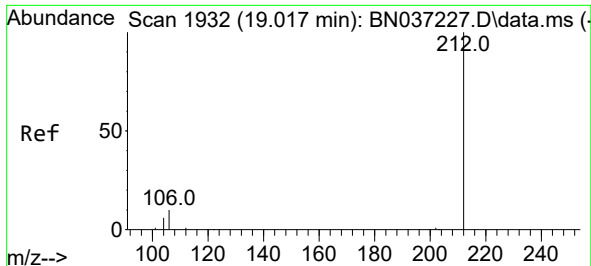
Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

179 15.7 12.4 18.6

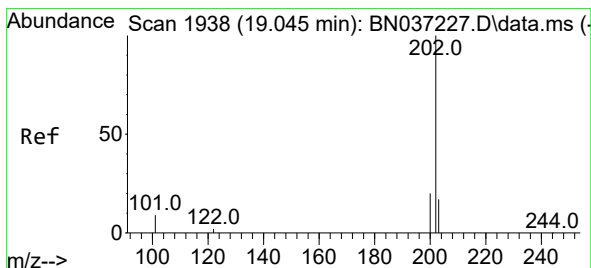
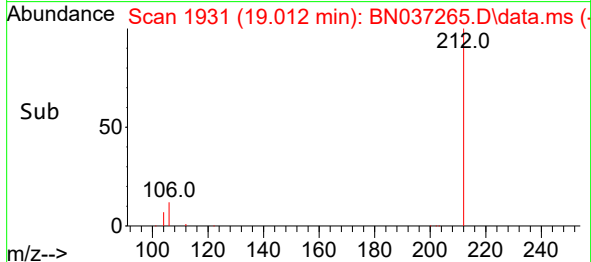
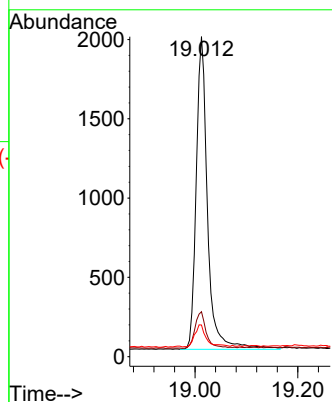
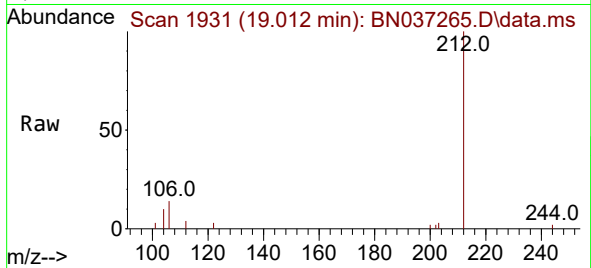




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.012 min Scan# 1932
Delta R.T. -0.004 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

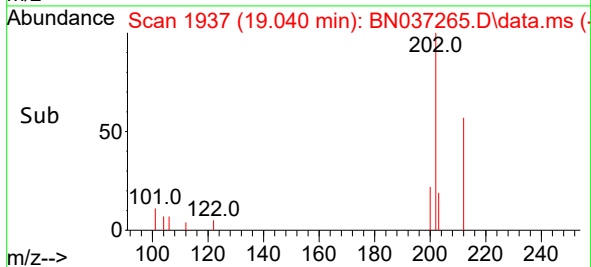
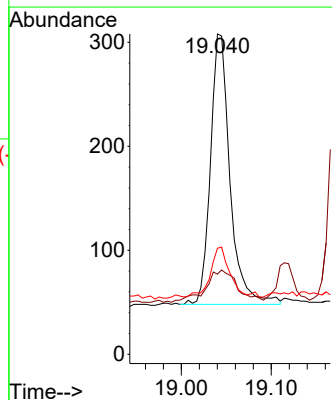
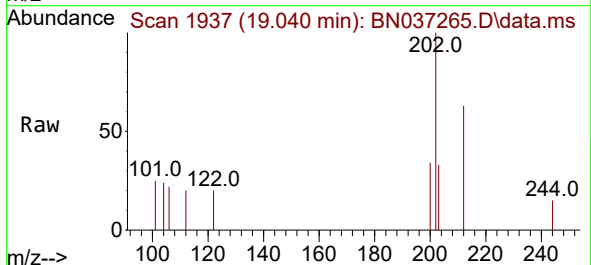
Instrument :
BNA_N
ClientSampleId :
TT190D1-20250611

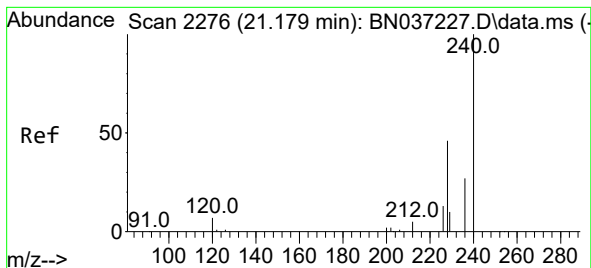
Tgt Ion:212 Resp: 3030
Ion Ratio Lower Upper
212 100
106 11.9 9.3 13.9
104 7.2 5.7 8.5



#28
Fluoranthene
Concen: 0.037 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

Tgt Ion:202 Resp: 393
Ion Ratio Lower Upper
202 100
101 19.3 7.1 10.7#
203 18.3 13.0 19.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037265.D

Acq: 14 Jun 2025 17:00

Instrument :

BNA_N

ClientSampleId :

TT190D1-20250611

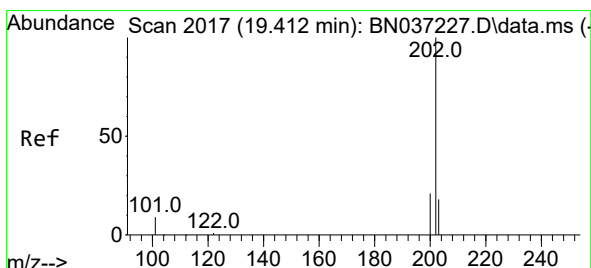
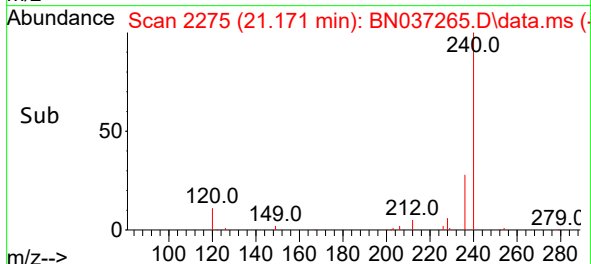
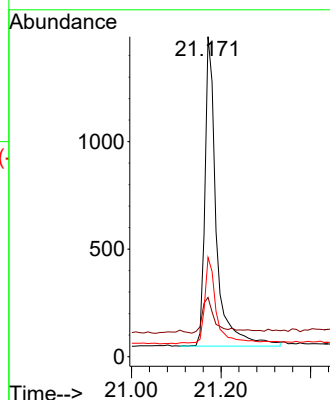
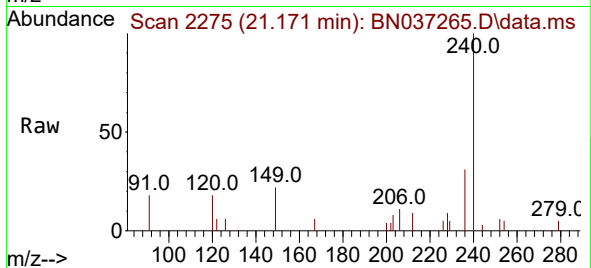
Tgt Ion:240 Resp: 2558

Ion Ratio Lower Upper

240 100

120 18.5 11.3 16.9#

236 31.0 24.4 36.6



#30

Pyrene

Concen: 0.035 ng

RT: 19.407 min Scan# 2016

Delta R.T. -0.004 min

Lab File: BN037265.D

Acq: 14 Jun 2025 17:00

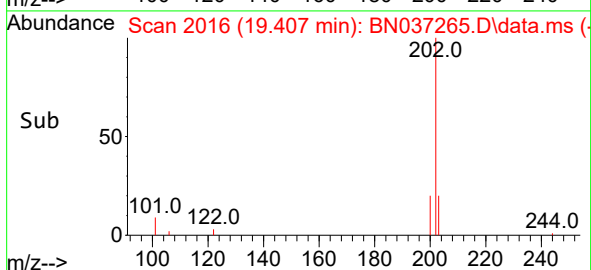
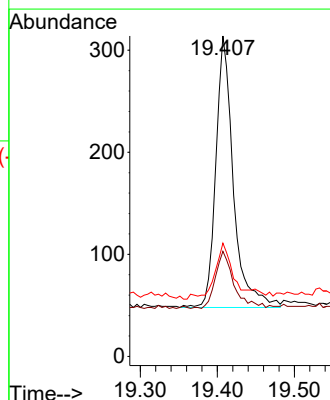
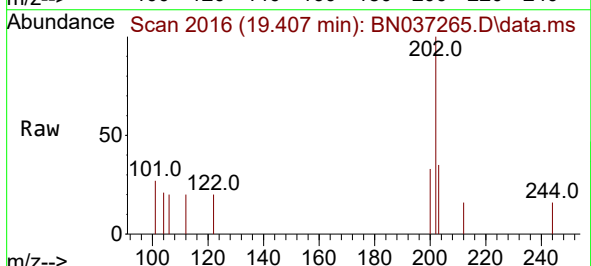
Tgt Ion:202 Resp: 420

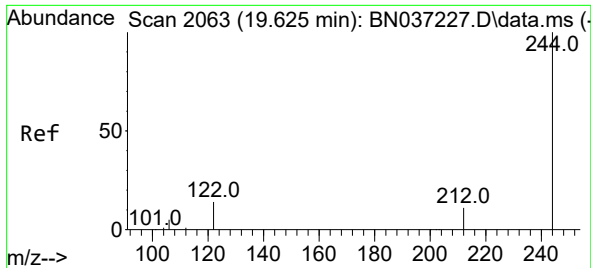
Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

203 17.4 14.3 21.5

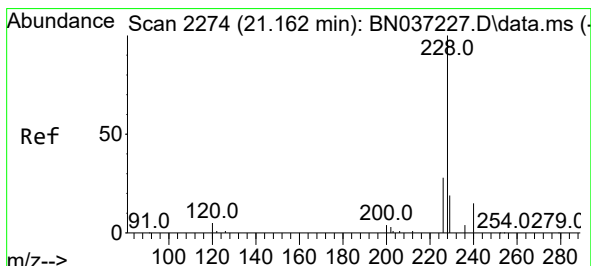
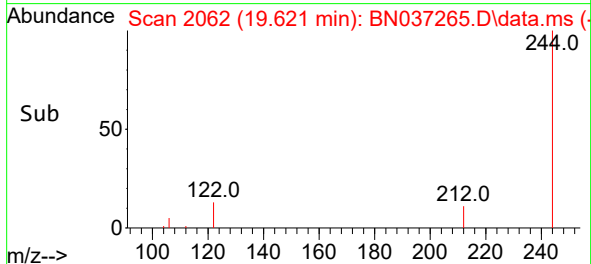
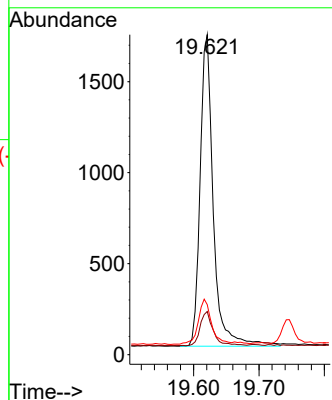
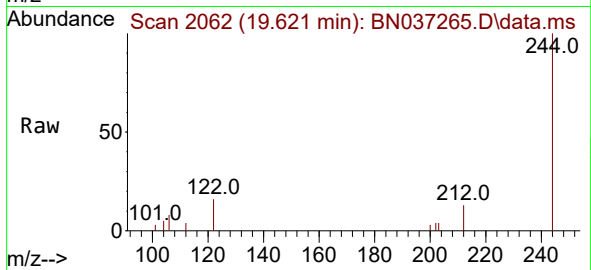




#31
 Terphenyl-d14
 Concen: 0.415 ng
 RT: 19.621 min Scan# 2063
 Delta R.T. -0.004 min
 Lab File: BN037265.D
 Acq: 14 Jun 2025 17:00

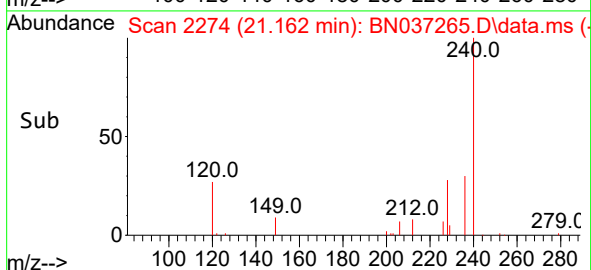
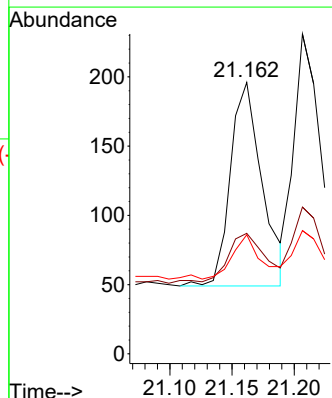
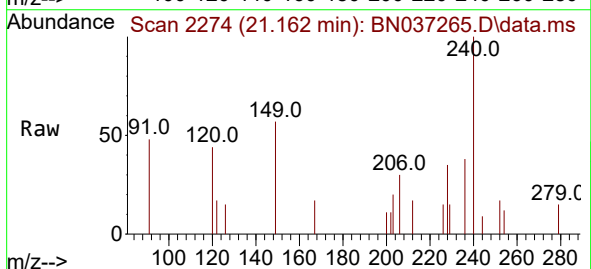
Instrument :
 BNA_N
 ClientSampleId :
 TT190D1-20250611

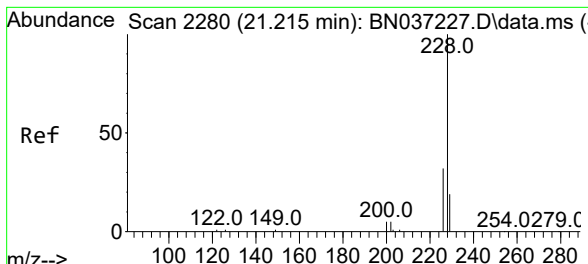
Tgt Ion:244 Resp: 2397
 Ion Ratio Lower Upper
 244 100
 212 13.5 12.2 18.2
 122 15.6 14.3 21.5



#32
 Benzo(a)anthracene
 Concen: 0.030 ng
 RT: 21.162 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BN037265.D
 Acq: 14 Jun 2025 17:00

Tgt Ion:228 Resp: 261
 Ion Ratio Lower Upper
 228 100
 226 44.4 23.8 35.8#
 229 43.9 17.0 25.4#





#33

Chrysene

Concen: 0.026 ng

RT: 21.207 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037265.D

Acq: 14 Jun 2025 17:00

Instrument :

BNA_N

ClientSampleId :

TT190D1-20250611

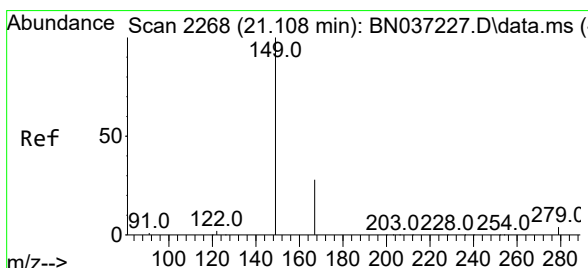
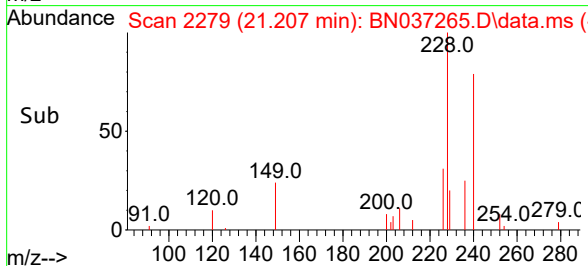
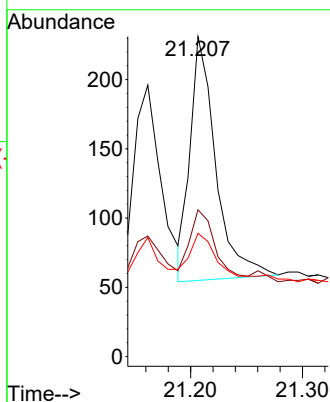
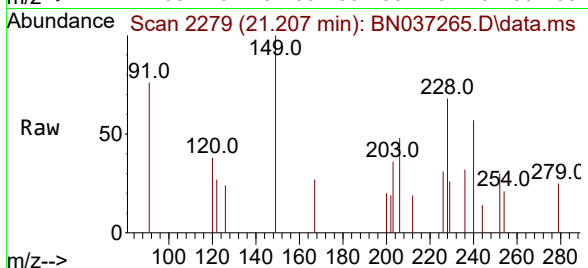
Tgt Ion:228 Resp: 281

Ion Ratio Lower Upper

228 100

226 45.9 25.8 38.6#

229 38.5 17.0 25.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.067 ng

RT: 21.099 min Scan# 2267

Delta R.T. -0.009 min

Lab File: BN037265.D

Acq: 14 Jun 2025 17:00

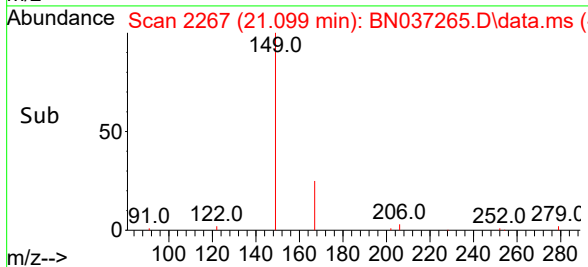
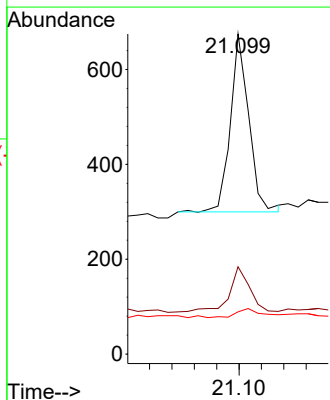
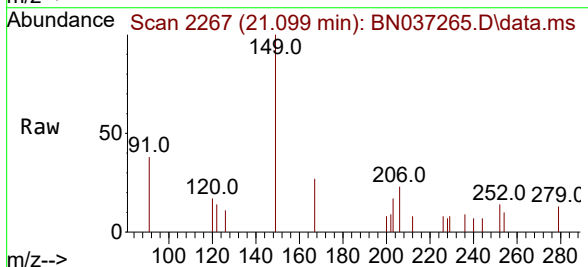
Tgt Ion:149 Resp: 429

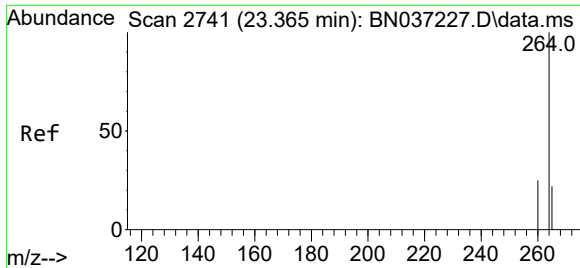
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

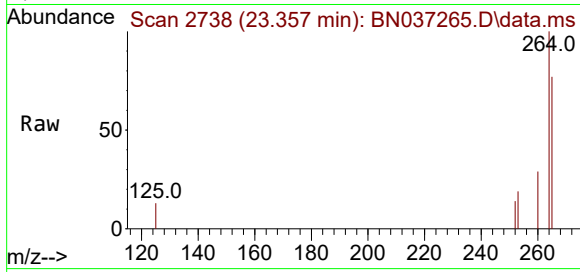
279 7.0 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037265.D
Acq: 14 Jun 2025 17:00

Instrument :
BNA_N
ClientSampleId :
TT190D1-20250611



Tgt Ion:264 Resp: 2398
Ion Ratio Lower Upper
264 100
260 29.2 22.8 34.2
265 76.8 66.4 99.6

