

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038439.D
 Acq On : 16 Dec 2025 13:14
 Operator : RC/JU
 Sample : Q3840-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TTMW3015-20251210

Quant Time: Dec 16 13:39:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

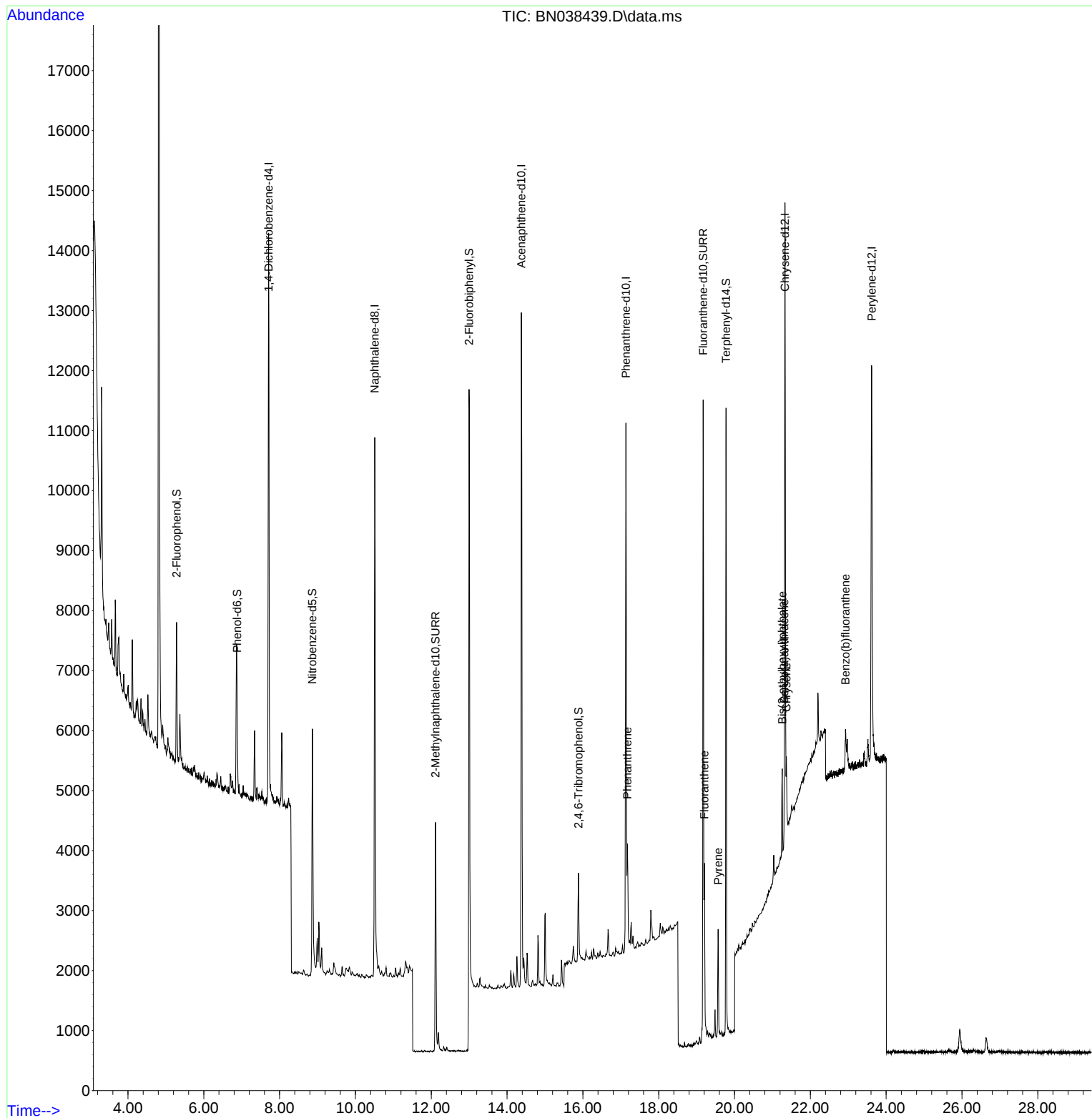
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4818	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12708	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6592	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12355	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9607	0.400	ng	0.00
35) Perylene-d12	23.616	264	9583	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1949	0.162	ng	0.00
5) Phenol-d6	6.879	99	1420	0.100	ng	0.00
8) Nitrobenzene-d5	8.865	82	3794	0.354	ng	-0.01
11) 2-Methylnaphthalene-d10	12.111	152	5797	0.323	ng	-0.02
14) 2,4,6-Tribromophenol	15.883	330	962	0.329	ng	-0.01
15) 2-Fluorobiphenyl	12.998	172	13979	0.440	ng	-0.01
27) Fluoranthene-d10	19.174	212	11596	0.380	ng	-0.01
31) Terphenyl-d14	19.778	244	9661	0.451	ng	-0.01
Target Compounds						
25) Phenanthrene	17.173	178	1548	0.036	ng	# 96
28) Fluoranthene	19.206	202	2069	0.045	ng	# 84
30) Pyrene	19.569	202	1641	0.035	ng	# 94
32) Benzo(a)anthracene	21.313	228	798	0.022	ng	# 82
33) Chrysene	21.366	228	988	0.024	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.259	149	1409	0.069	ng	# 98
37) Benzo(b)fluoranthene	22.929	252	909	0.021	ng	# 1

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

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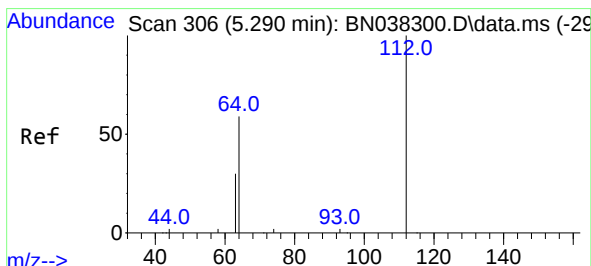
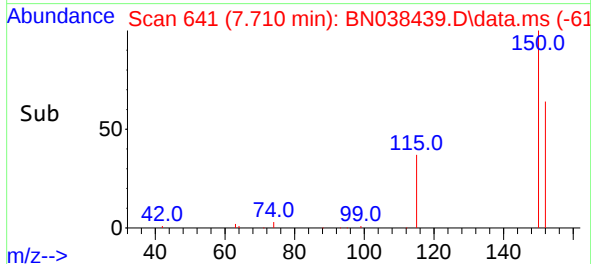
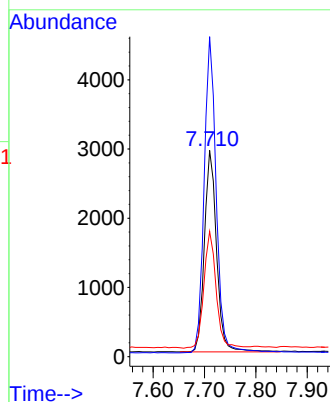
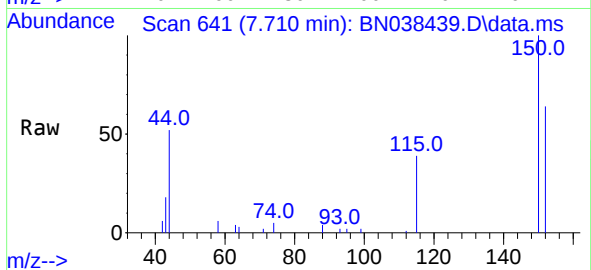




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

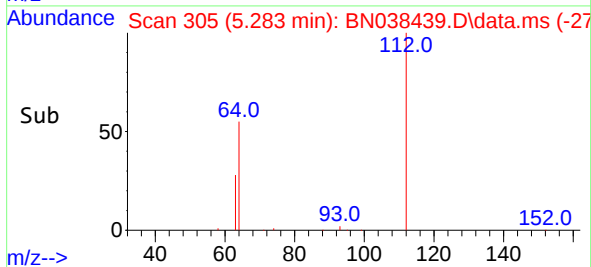
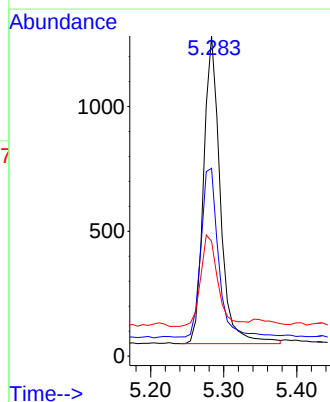
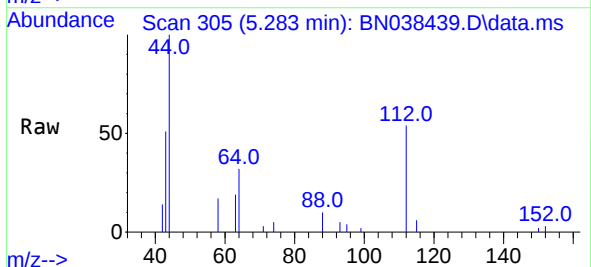
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

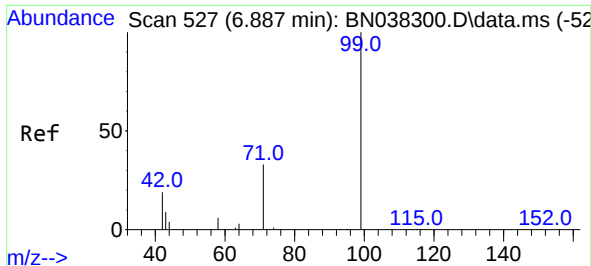
Tgt Ion:152 Resp: 4818
Ion Ratio Lower Upper
152 100
150 155.2 122.4 183.6
115 60.8 47.3 70.9



#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion:112 Resp: 1949
Ion Ratio Lower Upper
112 100
64 57.7 44.4 66.6
63 31.1 23.4 35.0

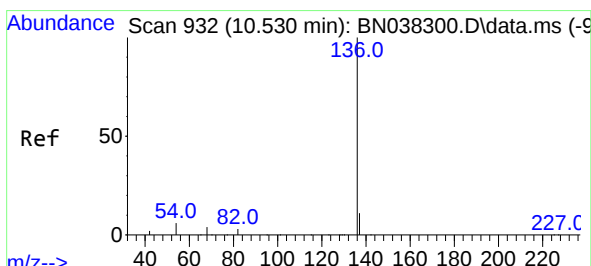
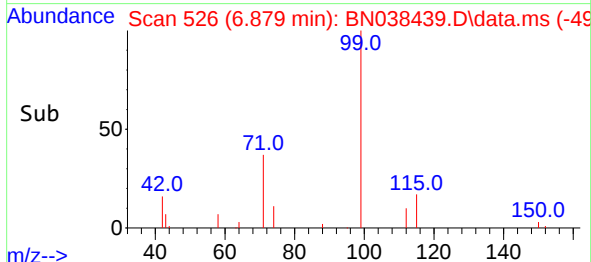
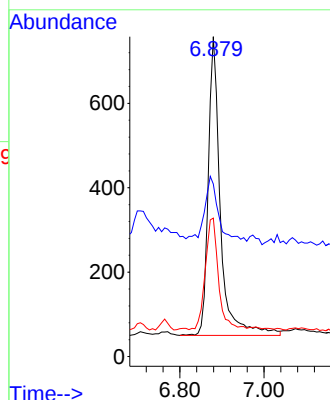
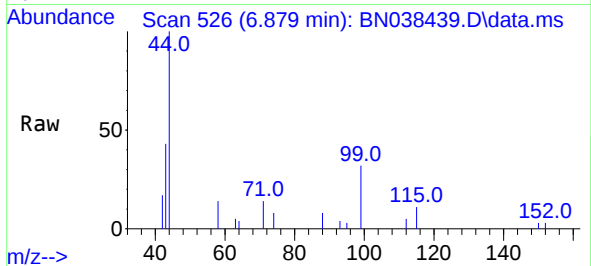




#5
Phenol-d6
Concen: 0.100 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

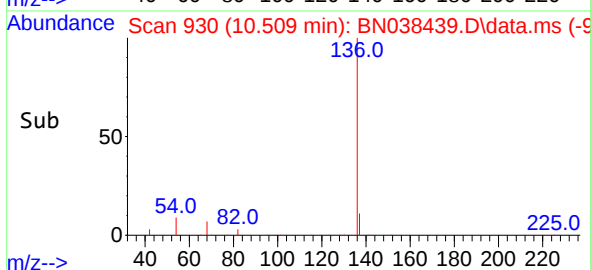
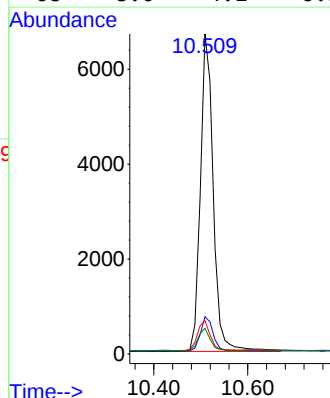
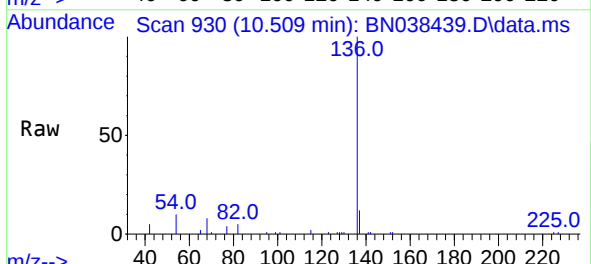
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

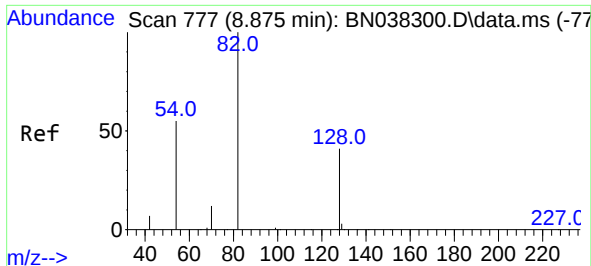
Tgt Ion: 99 Resp: 1420
Ion Ratio Lower Upper
99 100
42 24.6 16.5 24.7
71 40.2 24.9 37.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion: 136 Resp: 12708
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 10.4 5.2 7.8#
68 8.0 4.1 6.1#

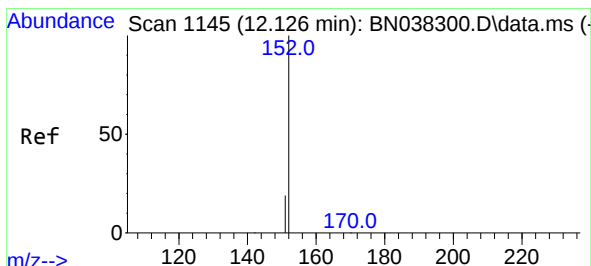
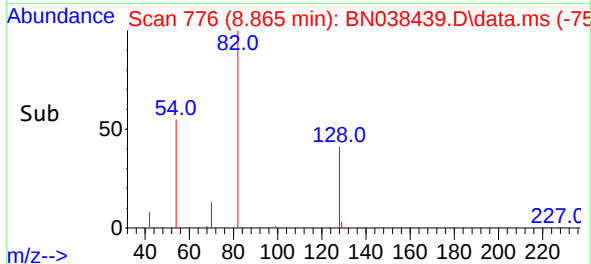
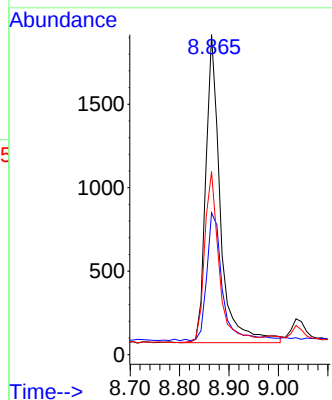
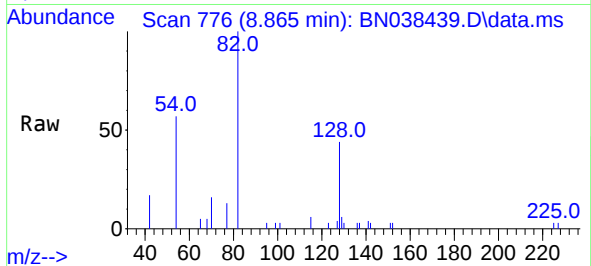




#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

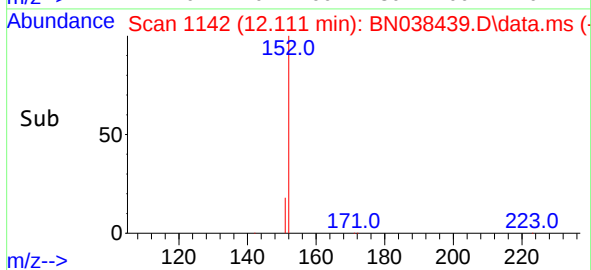
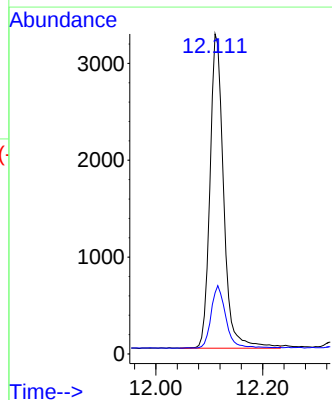
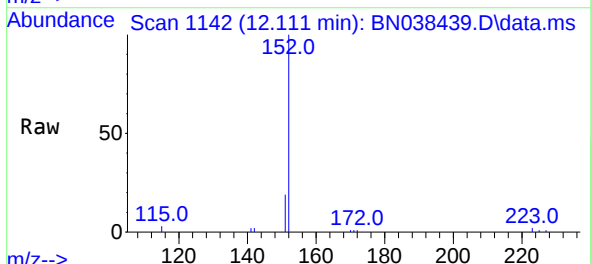
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

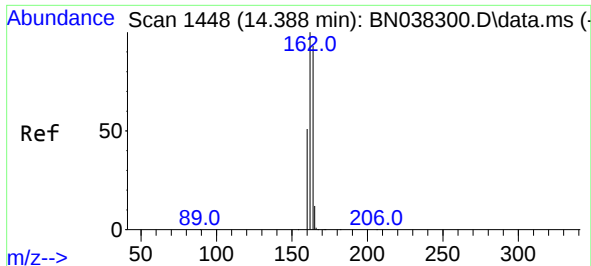
Tgt Ion: 82	Resp:	3794
Ion	Ratio	Lower Upper
82	100	
128	44.3	34.0 51.0
54	57.2	44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.111 min Scan# 1142
Delta R.T. -0.015 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion: 152	Resp:	5797
Ion	Ratio	Lower Upper
152	100	
151	21.1	17.0 25.6

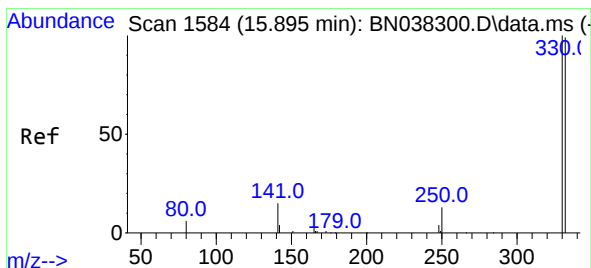
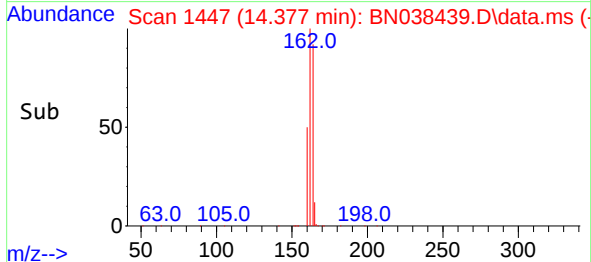
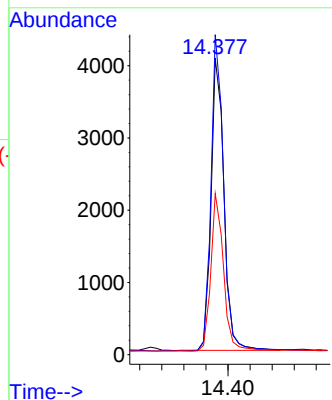
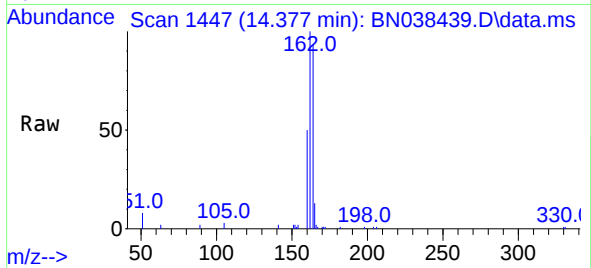




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1448
Delta R.T. -0.021 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

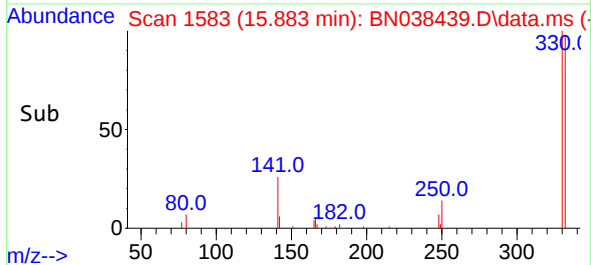
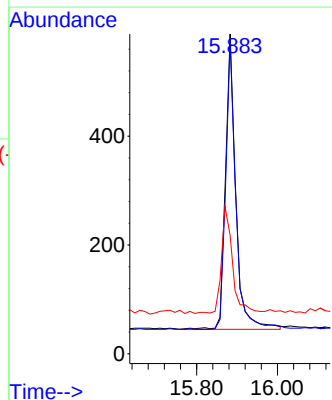
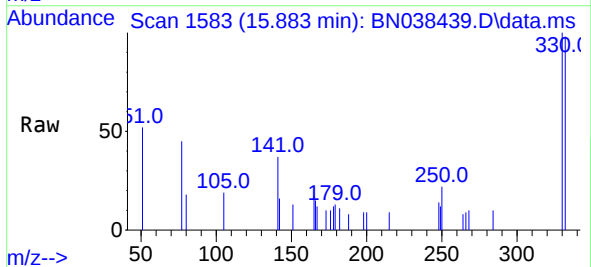
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

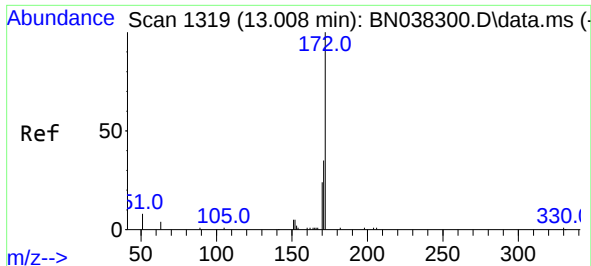
Tgt Ion:164 Resp: 6592
Ion Ratio Lower Upper
164 100
162 108.0 86.2 129.4
160 54.4 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.883 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion:330 Resp: 962
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 37.3 31.8 47.8

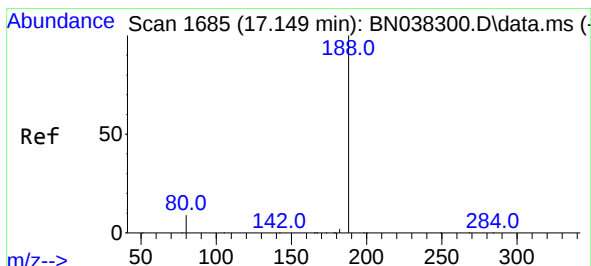
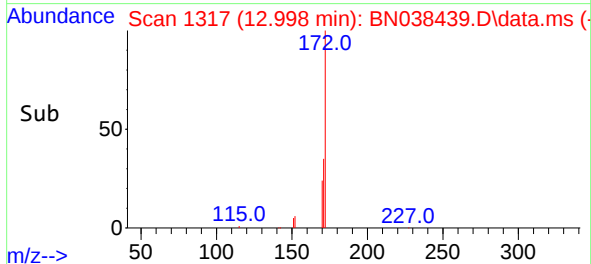
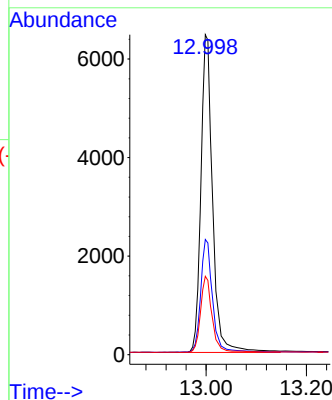
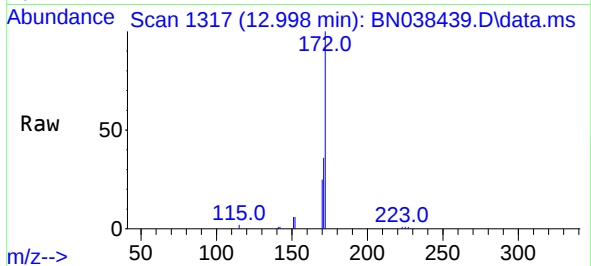




#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

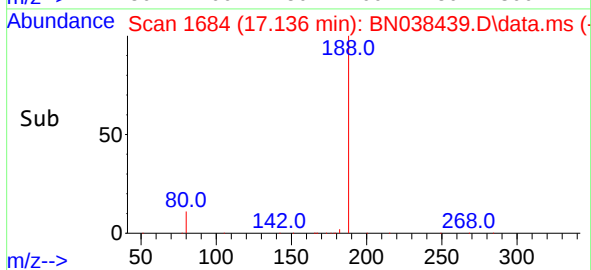
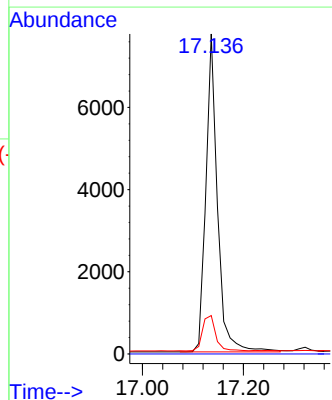
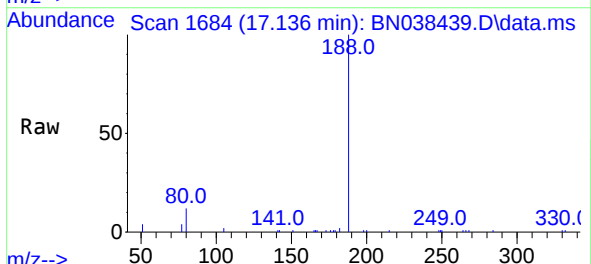
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

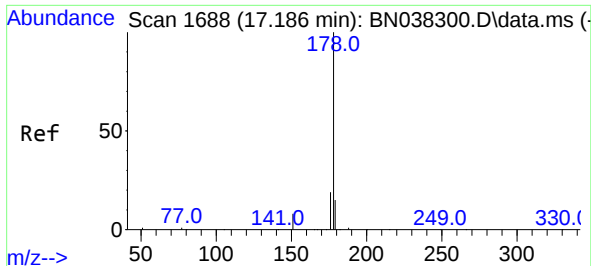
Tgt Ion:172	Resp:	13979
Ion	Ratio	Lower Upper
172	100	
171	36.0	28.6 42.8
170	24.5	19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion:188	Resp:	12355
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	12.0	7.4 11.0

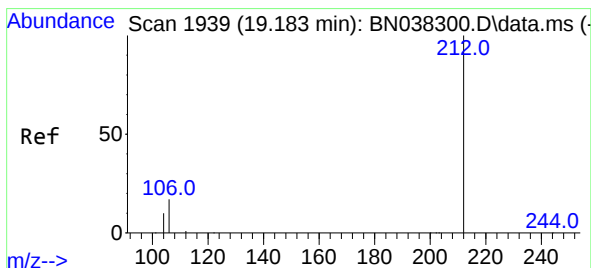
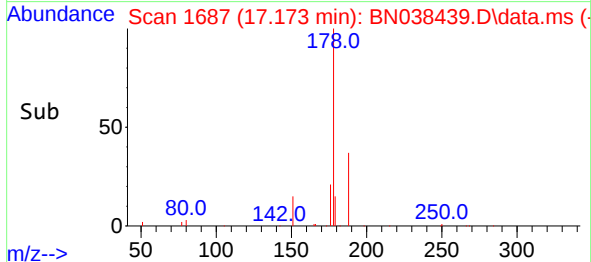
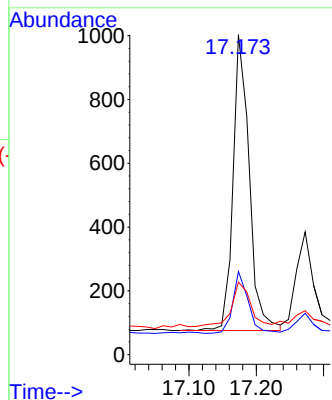
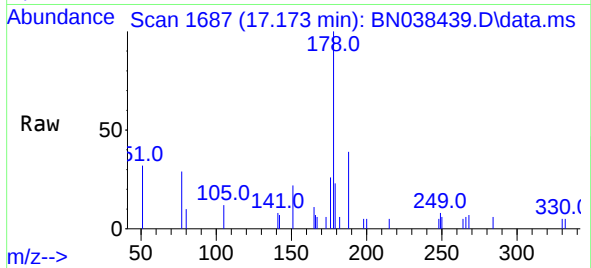




#25
Phenanthrene
Concen: 0.036 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

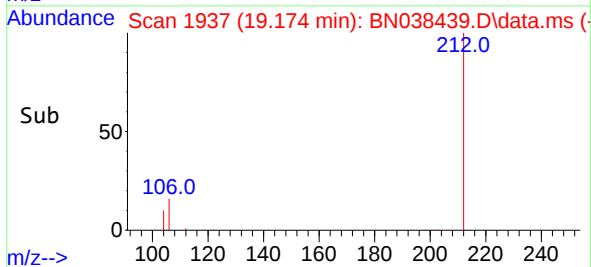
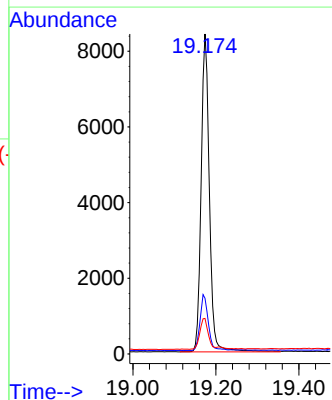
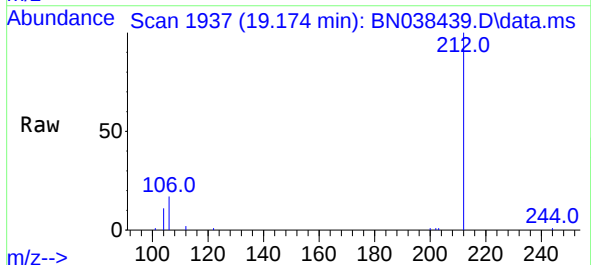
Instrument :
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ClientSampleId :
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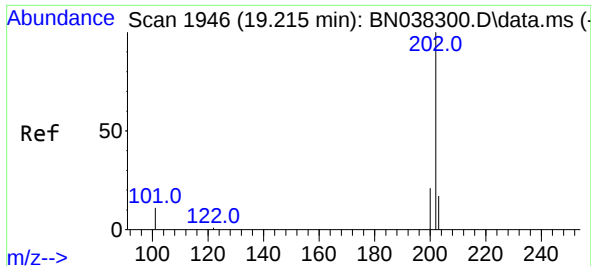
Tgt Ion:178 Resp: 1548
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 18.6 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion:212 Resp: 11596
Ion Ratio Lower Upper
212 100
106 17.7 13.7 20.5
104 9.8 7.8 11.8

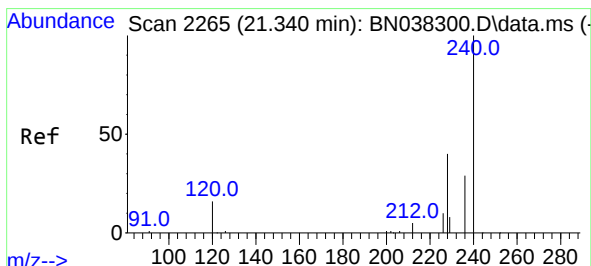
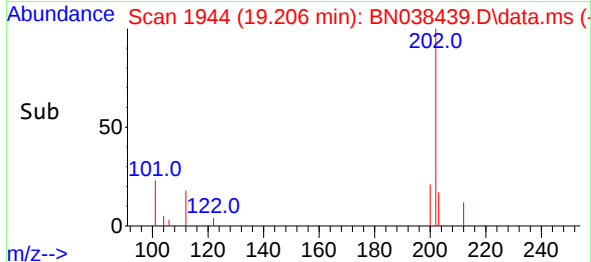
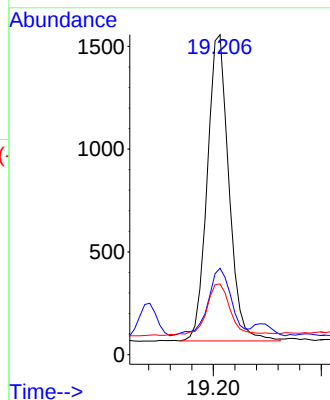
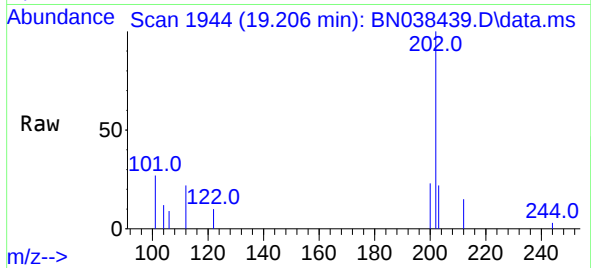




#28
Fluoranthene
Concen: 0.045 ng
RT: 19.206 min Scan# 1944
Delta R.T. -0.014 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

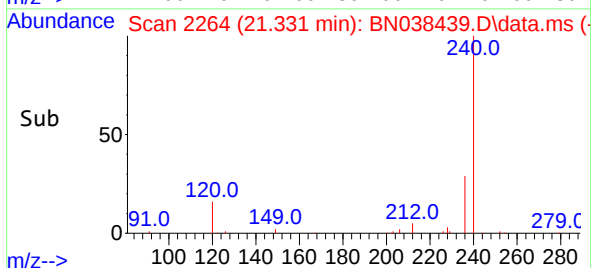
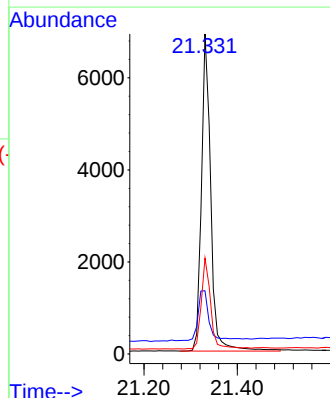
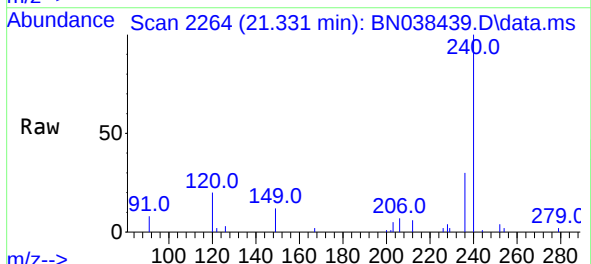
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

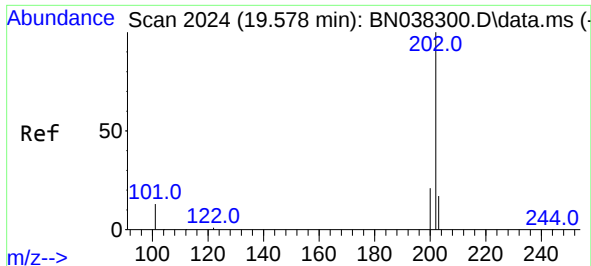
Tgt Ion:202 Resp: 2069
Ion Ratio Lower Upper
202 100
101 24.9 9.6 14.4#
203 18.8 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion:240 Resp: 9607
Ion Ratio Lower Upper
240 100
120 19.7 15.4 23.2
236 30.0 23.9 35.9

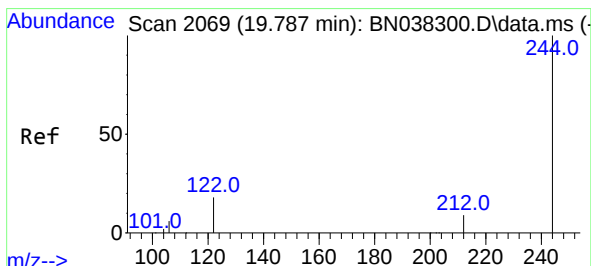
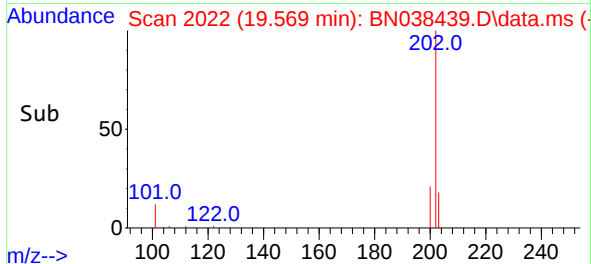
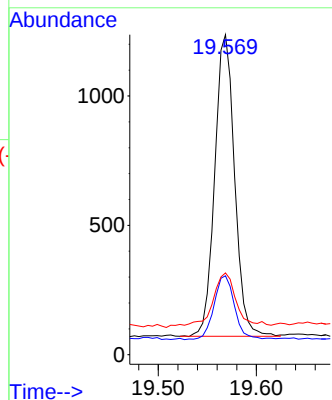
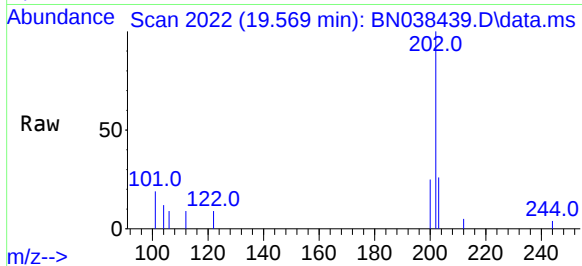




#30
Pyrene
Concen: 0.035 ng
RT: 19.569 min Scan# 2022
Delta R.T. -0.014 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

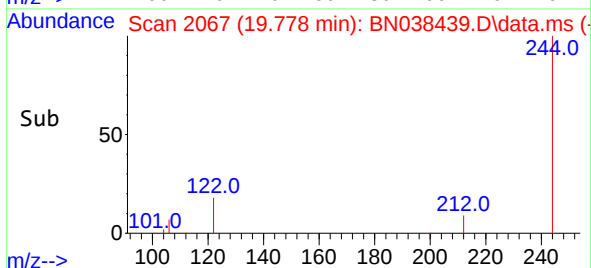
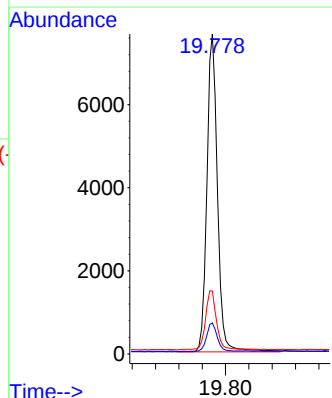
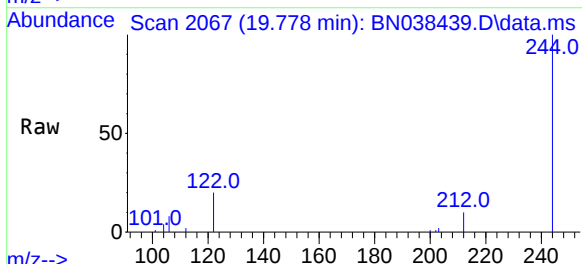
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

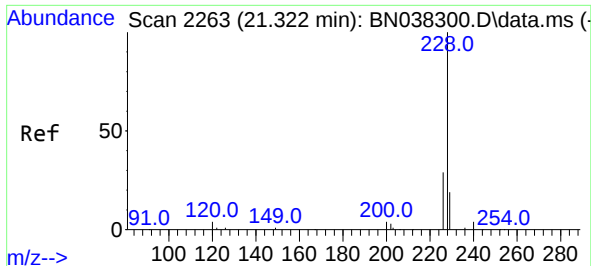
Tgt Ion:	202	Resp:	1641
Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	22.5	14.2	21.2#



#31
Terphenyl-d14
Concen: 0.451 ng
RT: 19.778 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion:	244	Resp:	9661
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	19.6	15.0	22.6

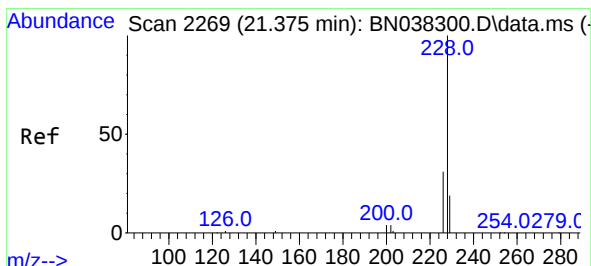
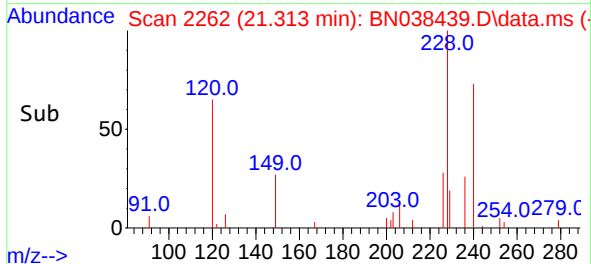
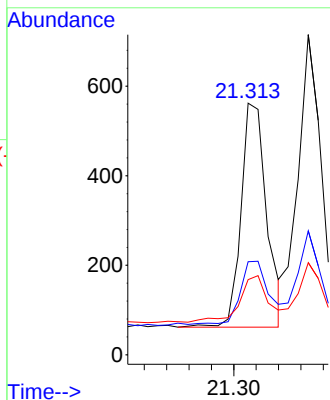
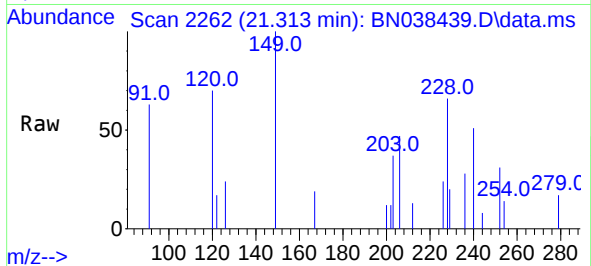




#32
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.313 min Scan# 211
Delta R.T. -0.018 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

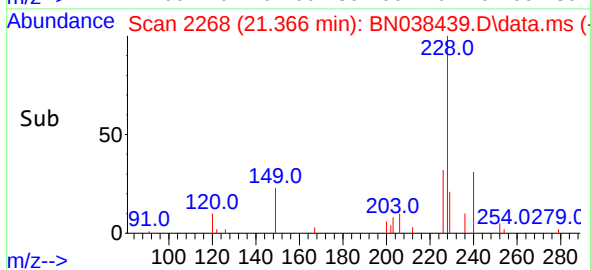
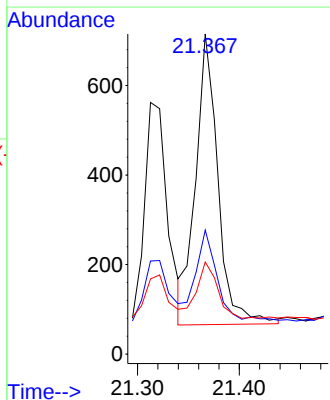
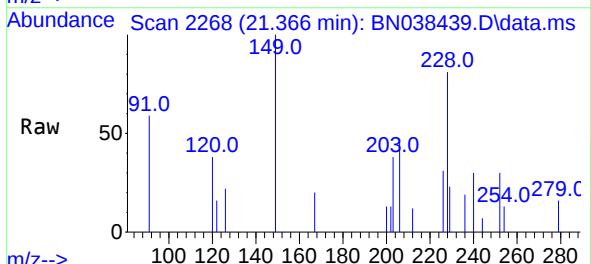
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

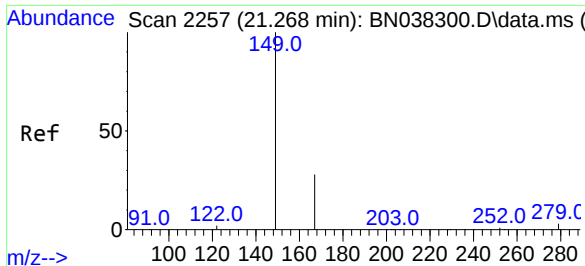
Tgt Ion:228 Resp: 798
Ion Ratio Lower Upper
228 100
226 37.0 23.3 34.9#
229 29.9 15.7 23.5#



#33
Chrysene
Concen: 0.024 ng
RT: 21.366 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion:228 Resp: 988
Ion Ratio Lower Upper
228 100
226 38.7 25.0 37.4#
229 28.8 15.5 23.3#

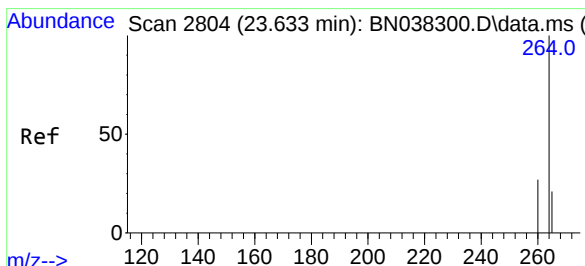
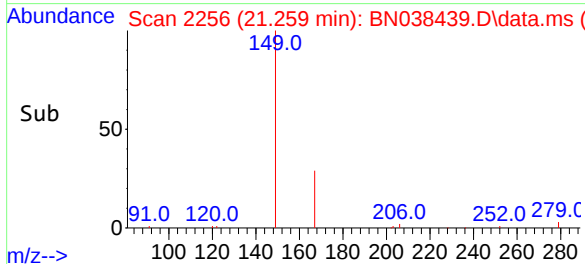
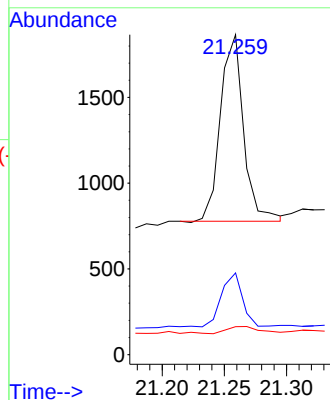
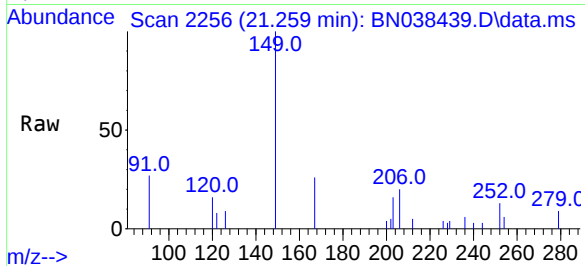




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.069 ng
RT: 21.259 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

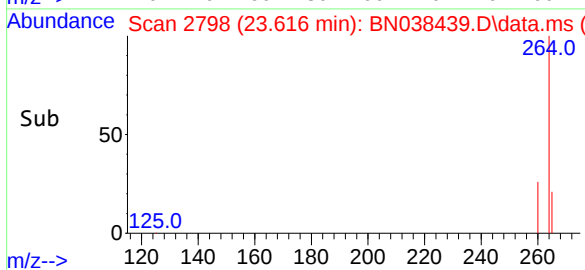
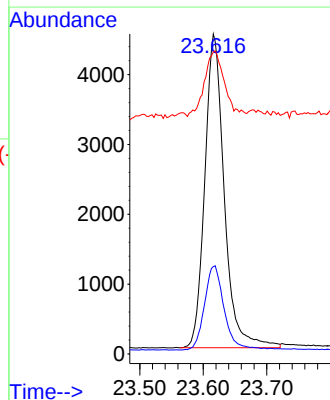
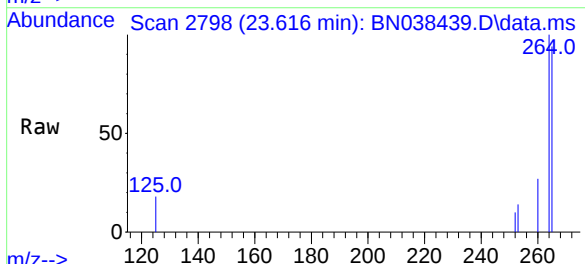
Instrument :
BNA_N
ClientSampleId :
TTMW3015-20251210

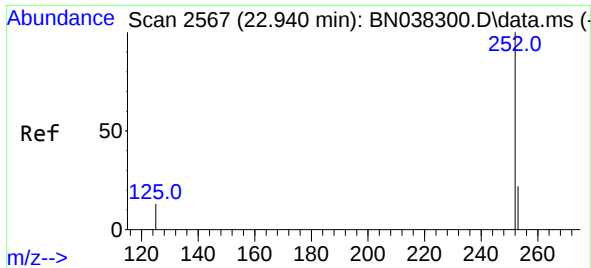
Tgt Ion:149 Resp: 1409
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.0
279 5.7 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2798
Delta R.T. -0.017 min
Lab File: BN038439.D
Acq: 16 Dec 2025 13:14

Tgt Ion:264 Resp: 9583
Ion Ratio Lower Upper
264 100
260 27.3 22.2 33.2
265 94.4 80.2 120.2





#37

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 22.929 min Scan# 21

Delta R.T. -0.017 min

Lab File: BN038439.D

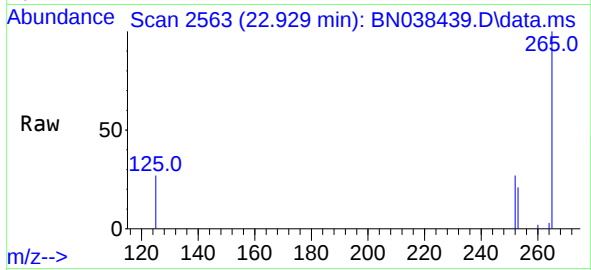
Acq: 16 Dec 2025 13:14

Instrument :

BNA_N

ClientSampleId :

TTMW3015-20251210



Tgt Ion:252 Resp: 909

Ion Ratio Lower Upper

252 100

253 77.9 21.1 31.7#

125 100.0 16.4 24.6#

