

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038440.D
 Acq On : 16 Dec 2025 13:50
 Operator : RC/JU
 Sample : Q3840-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-M2-20251210

Quant Time: Dec 16 14:14:13 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)

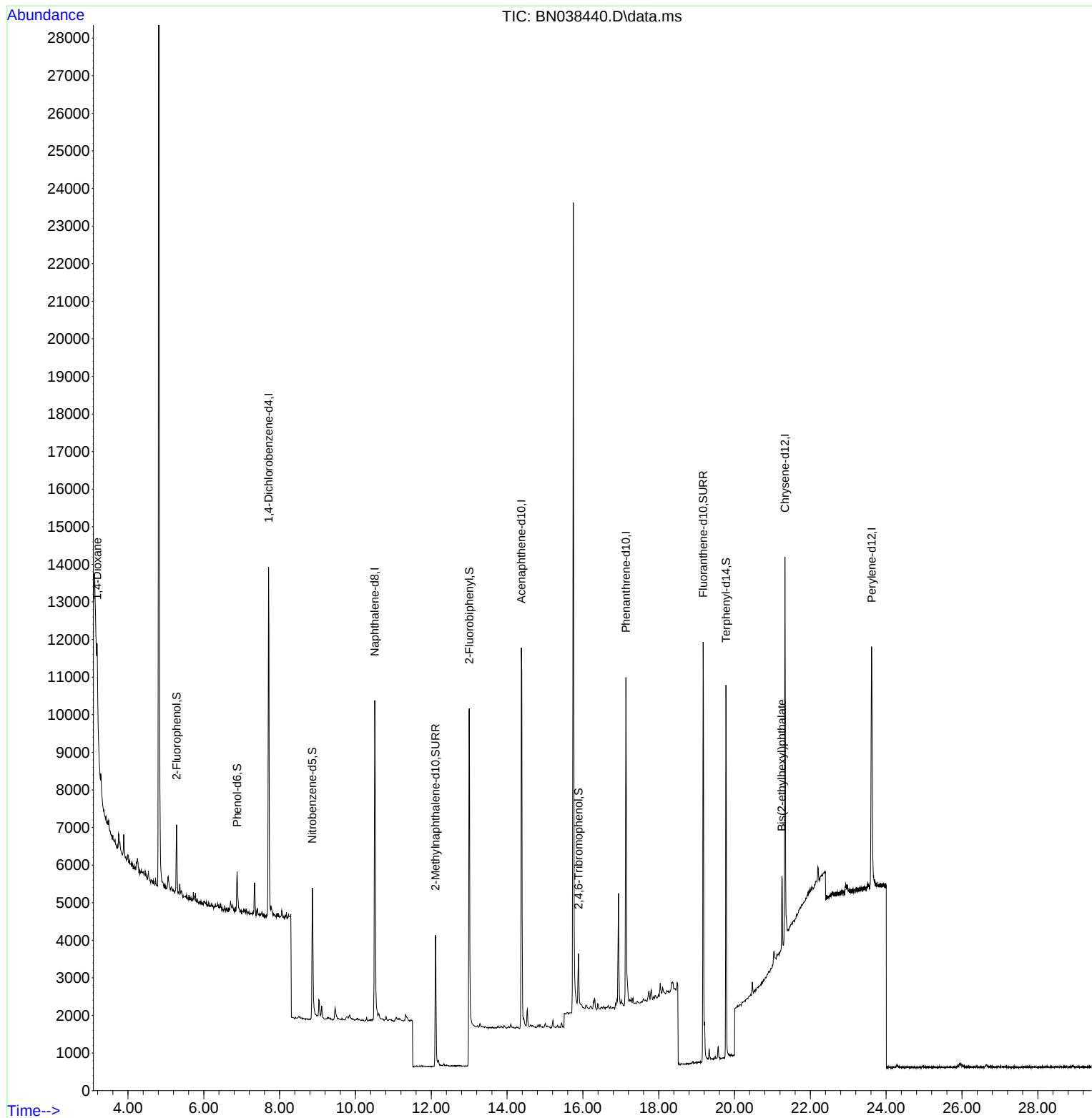
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4719	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12536	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	6472	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	12153	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	9406	0.400	ng	0.00
35) Perylene-d12	23.616	264	9443	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1571	0.134	ng	0.00
5) Phenol-d6	6.879	99	1104	0.079	ng	0.00
8) Nitrobenzene-d5	8.865	82	3331	0.315	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5258	0.297	ng	-0.01
14) 2,4,6-Tribromophenol	15.883	330	859	0.299	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	12412	0.398	ng	0.00
27) Fluoranthene-d10	19.174	212	12060	0.401	ng	-0.01
31) Terphenyl-d14	19.778	244	9522	0.454	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	861	0.159	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.250	149	2103	0.105	ng	97

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

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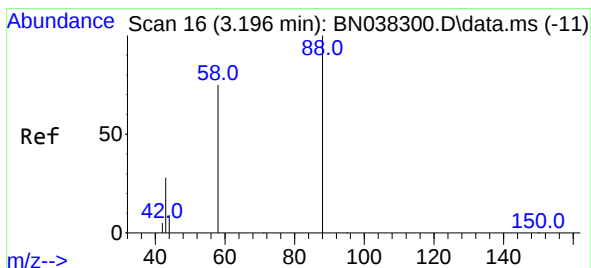
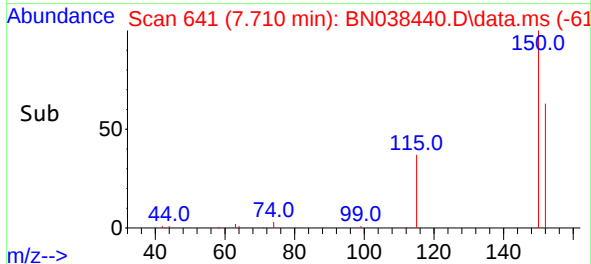
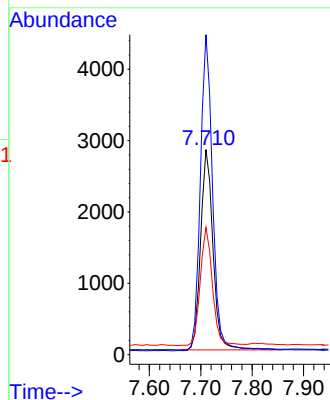
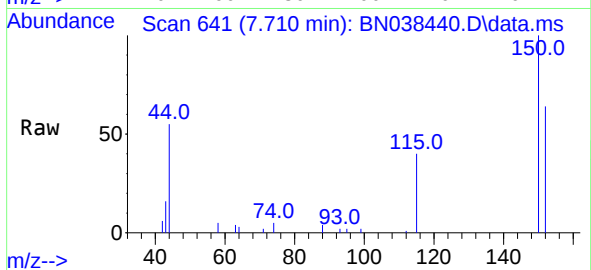




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

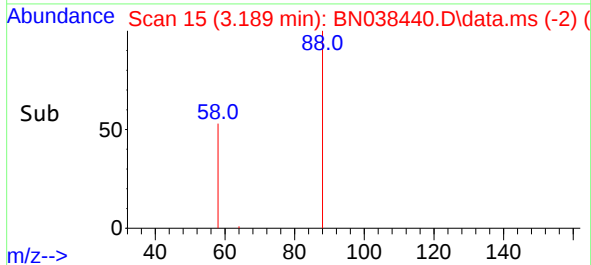
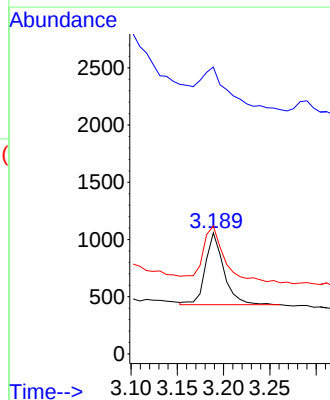
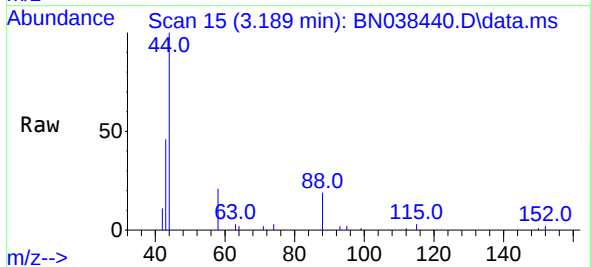
Instrument :
BNA_N
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DUP01-M2-20251210

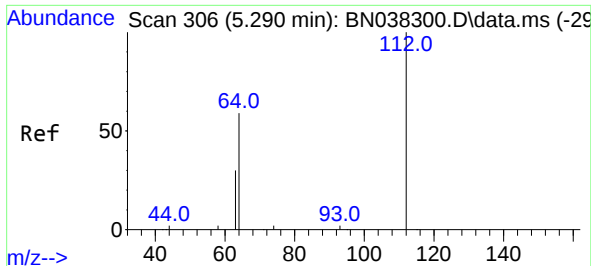
Tgt Ion:152 Resp: 4719
Ion Ratio Lower Upper
152 100
150 156.0 122.4 183.6
115 62.0 47.3 70.9



#2
1,4-Dioxane
Concen: 0.159 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion: 88 Resp: 861
Ion Ratio Lower Upper
88 100
43 85.5 24.9 37.3#
58 97.8 61.4 92.0#

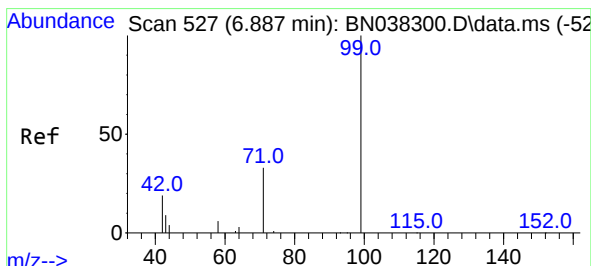
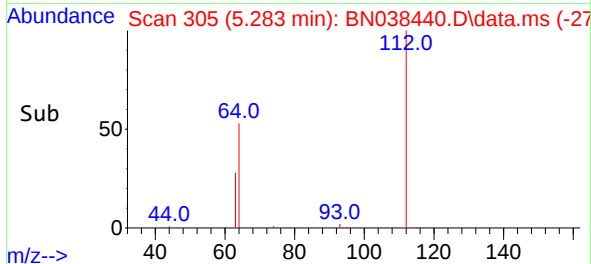
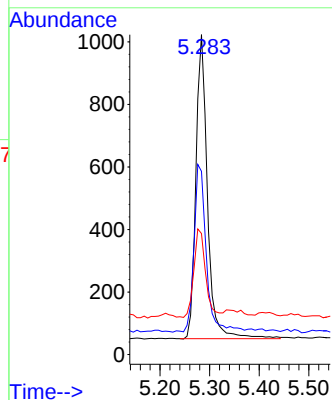
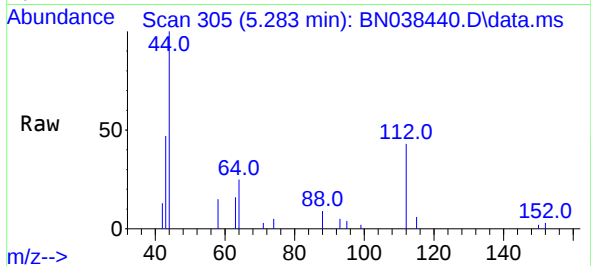




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

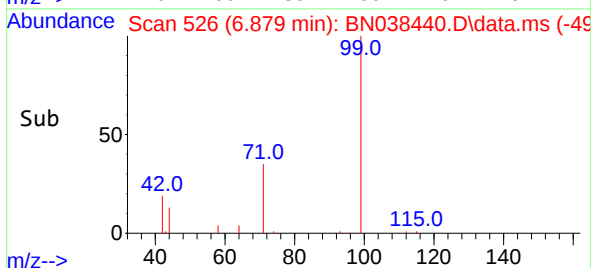
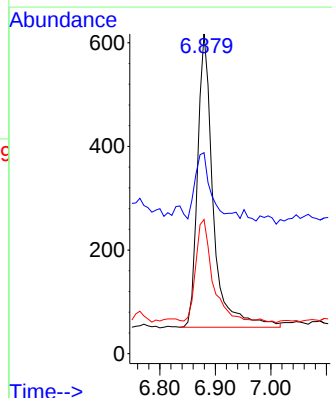
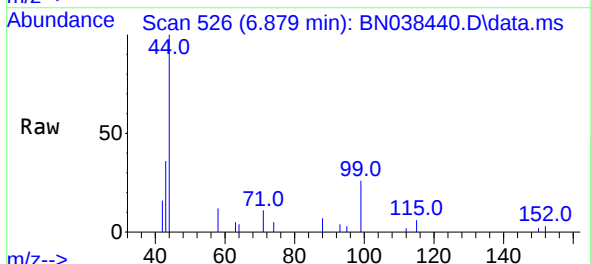
Instrument :
BNA_N
ClientSampleId :
DUP01-M2-20251210

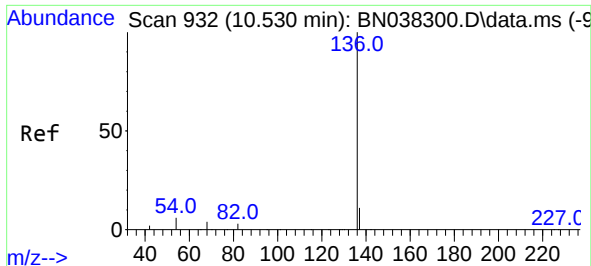
Tgt Ion:112 Resp: 1571
Ion Ratio Lower Upper
112 100
64 58.4 44.4 66.6
63 29.3 23.4 35.0



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion: 99 Resp: 1104
Ion Ratio Lower Upper
99 100
42 25.0 16.5 24.7#
71 36.7 24.9 37.3

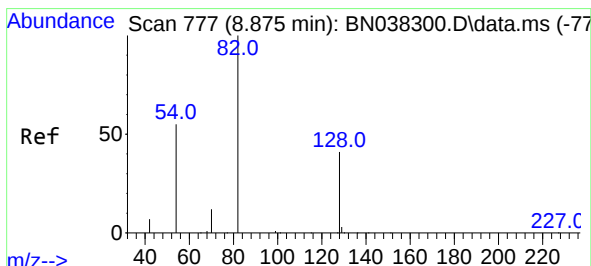
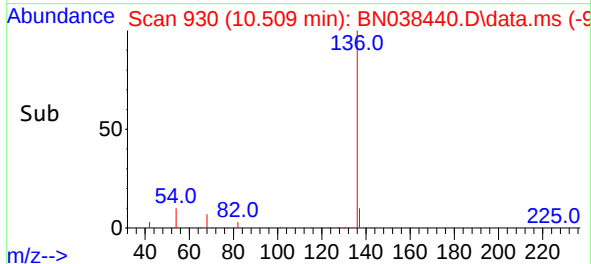
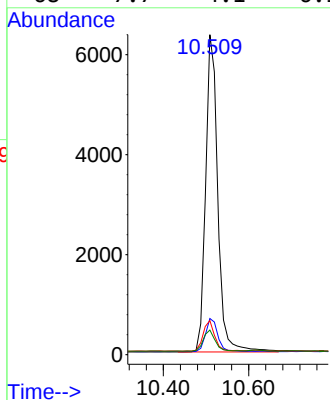
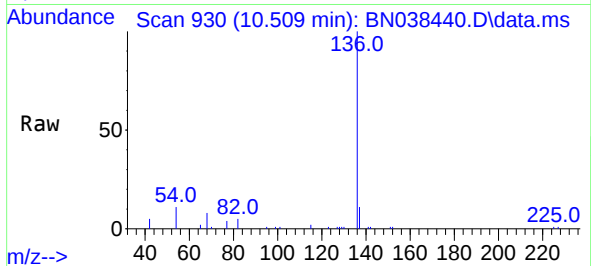




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

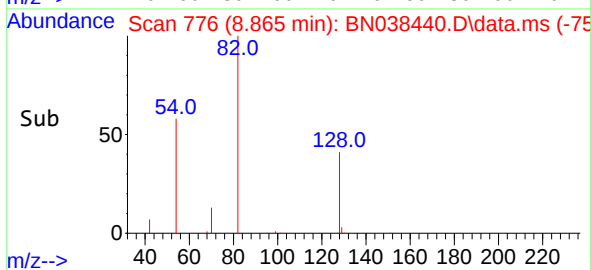
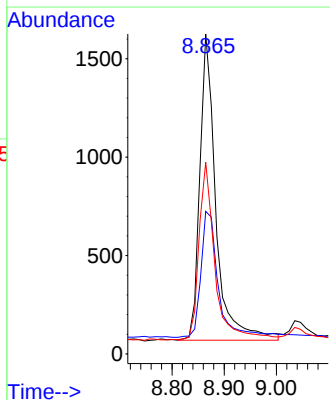
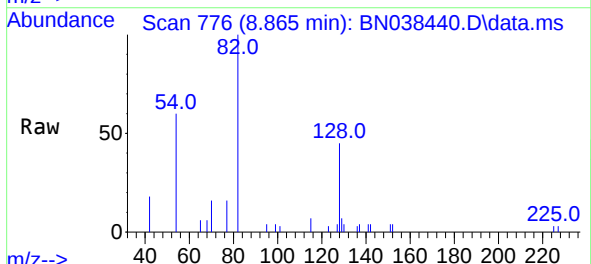
Instrument :
BNA_N
ClientSampleId :
DUP01-M2-20251210

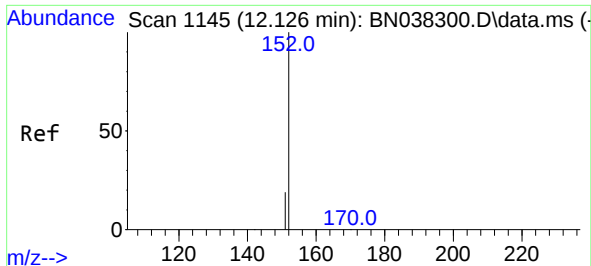
Tgt Ion:	136	Resp:	12536
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.7	5.2	7.8#
68	7.7	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion:	82	Resp:	3331
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	59.9	44.4	66.6

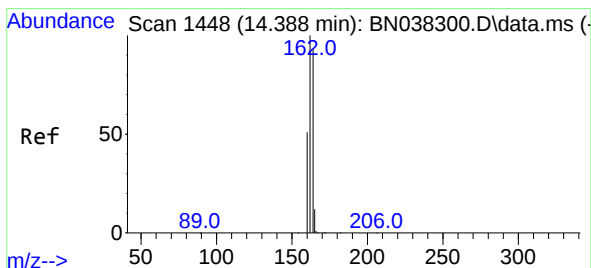
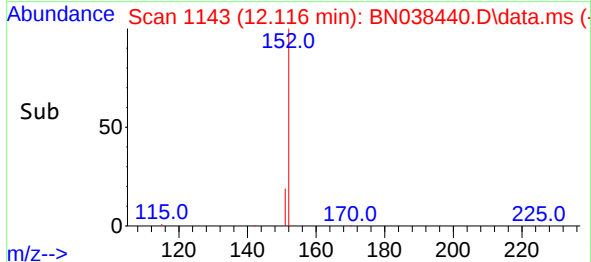
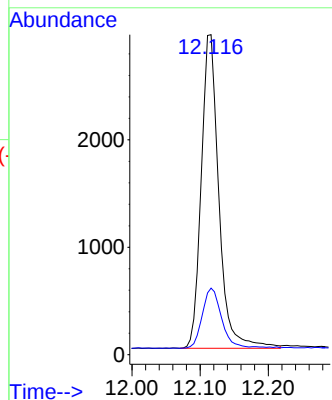
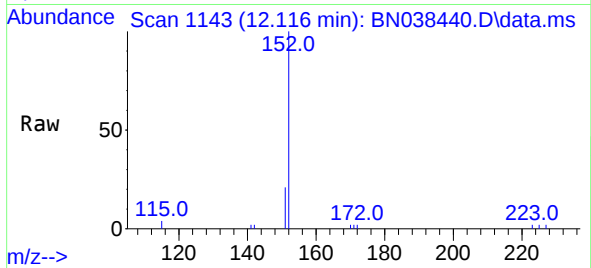




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.116 min Scan# 1145
Delta R.T. -0.010 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

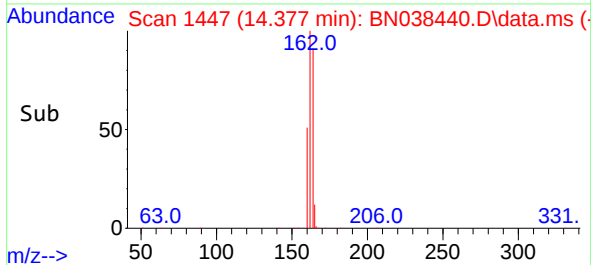
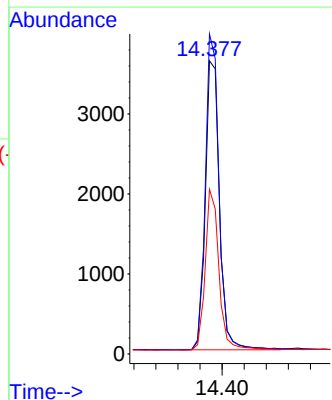
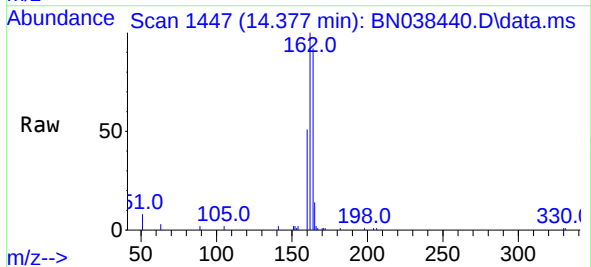
Instrument :
BNA_N
ClientSampleId :
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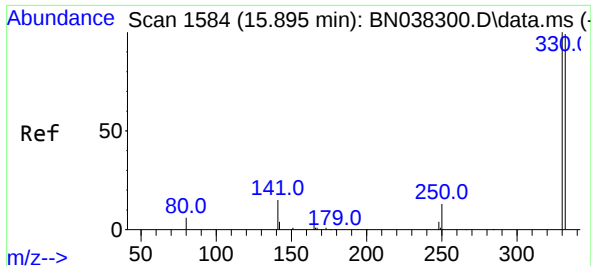
Tgt Ion:152 Resp: 5258
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.021 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion:164 Resp: 6472
Ion Ratio Lower Upper
164 100
162 109.2 86.2 129.4
160 56.2 44.6 67.0

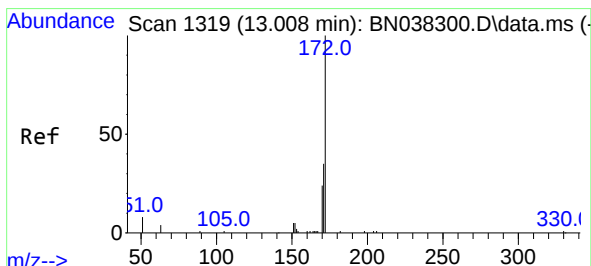
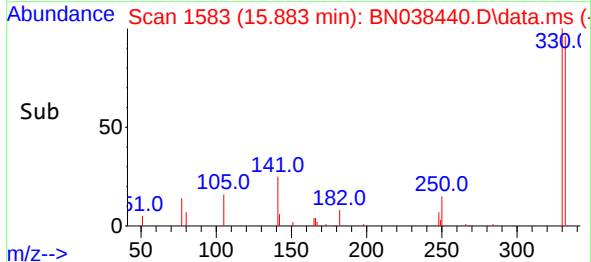
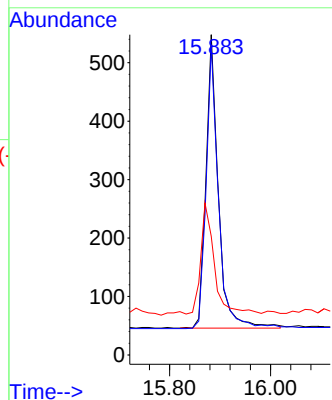
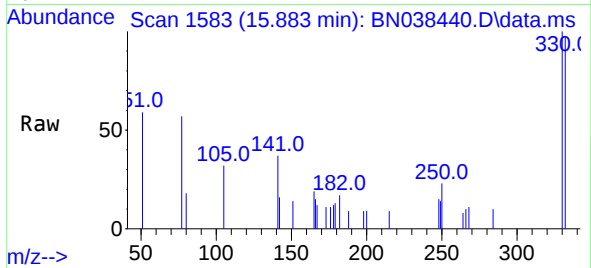




#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.883 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

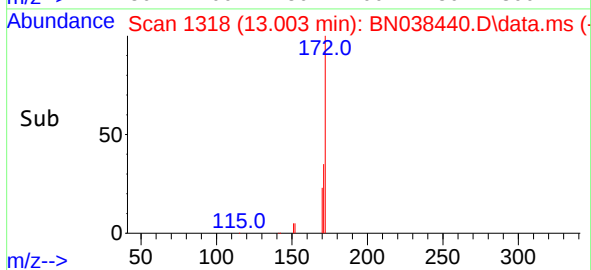
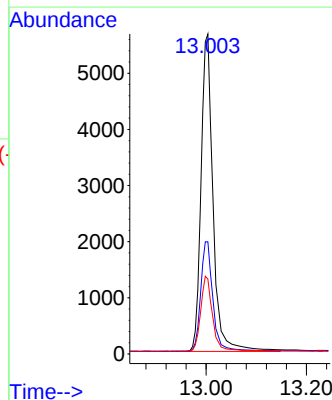
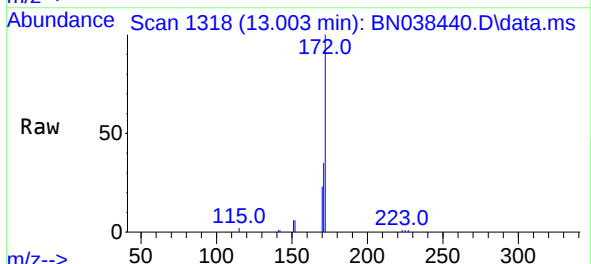
Instrument :
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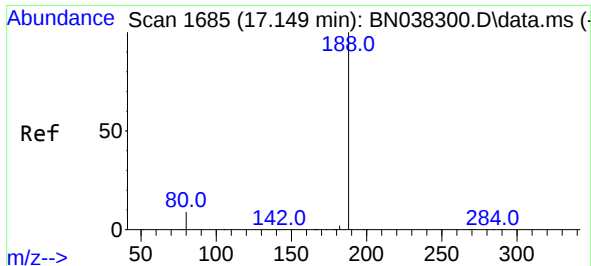
Tgt Ion:330 Resp: 859
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.6
141 44.4 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion:172 Resp: 12412
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.4 19.3 28.9

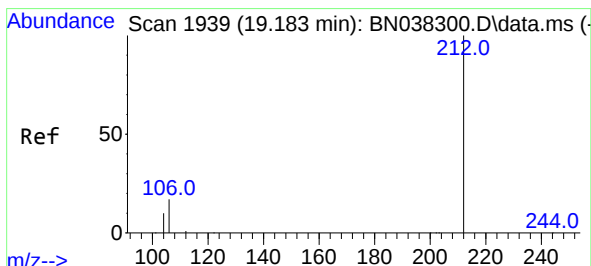
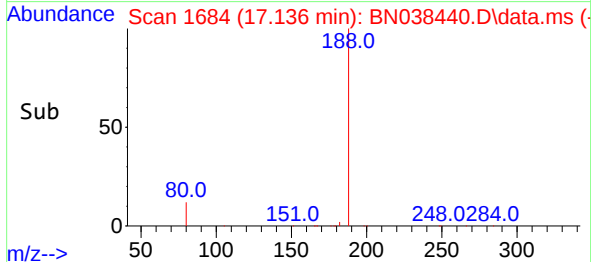
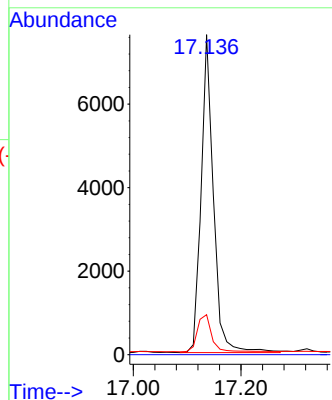
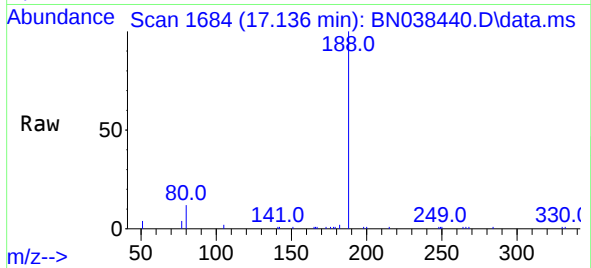




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

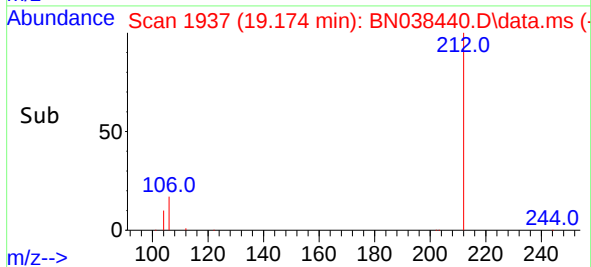
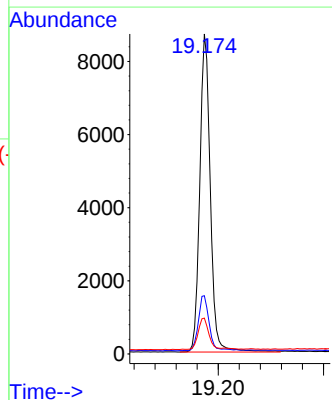
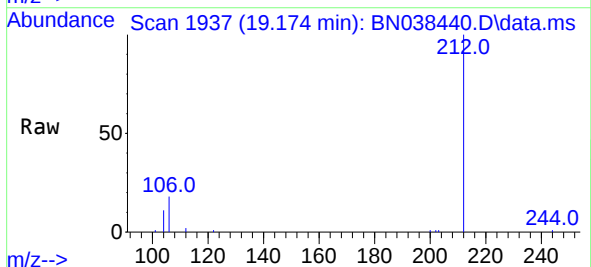
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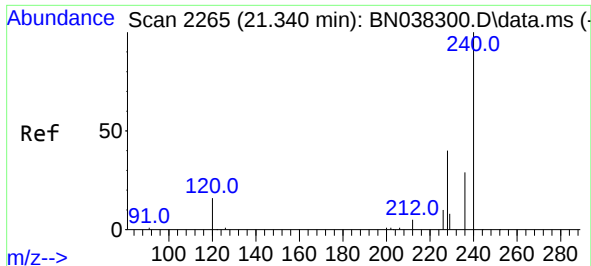
Tgt Ion:188 Resp: 12153
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.174 min Scan# 1937
Delta R.T. -0.014 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion:212 Resp: 12060
Ion Ratio Lower Upper
212 100
106 18.0 13.7 20.5
104 9.8 7.8 11.8

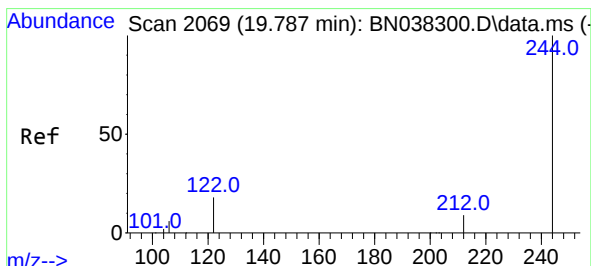
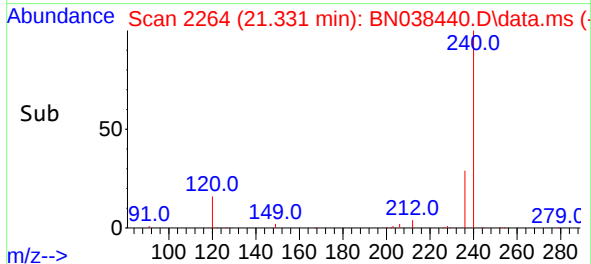
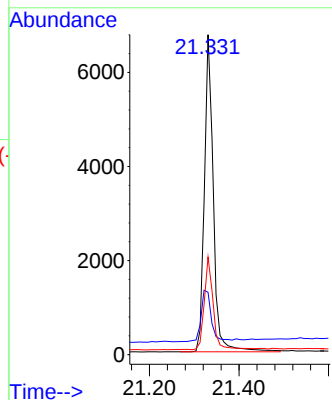
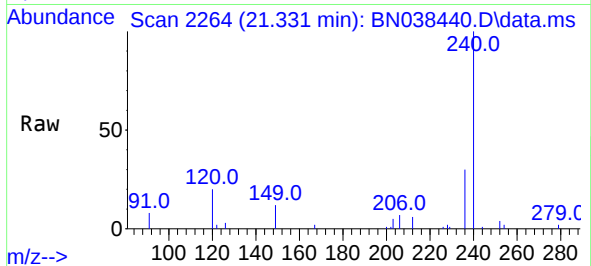




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

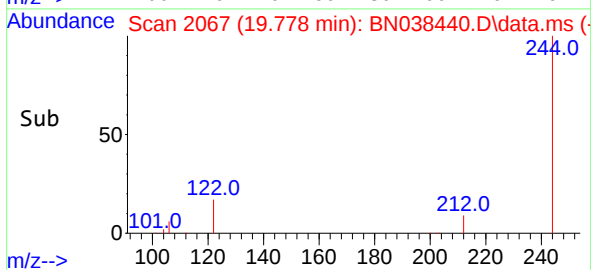
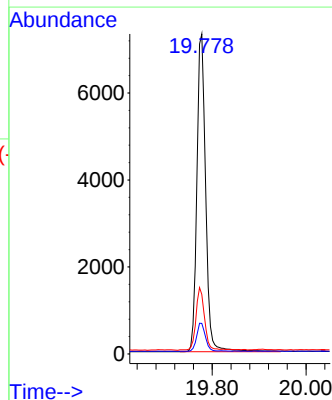
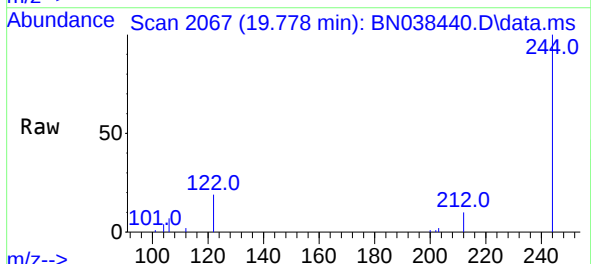
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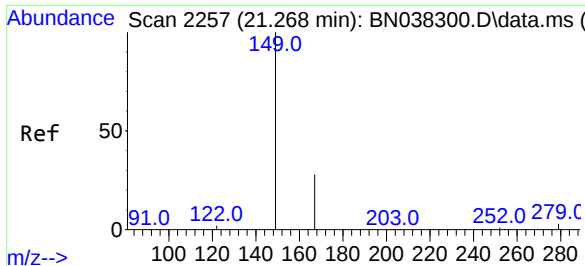
Tgt Ion:	240	Resp:	9406
Ion	Ratio	Lower	Upper
240	100		
120	19.5	15.4	23.2
236	30.5	23.9	35.9



#31
Terphenyl-d14
Concen: 0.454 ng
RT: 19.778 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038440.D
Acq: 16 Dec 2025 13:50

Tgt Ion:	244	Resp:	9522
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	18.6	15.0	22.6

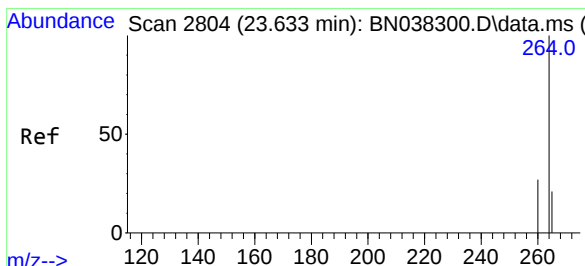
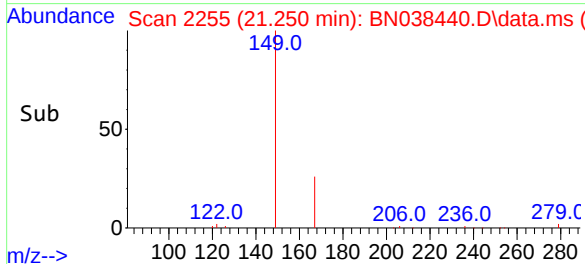
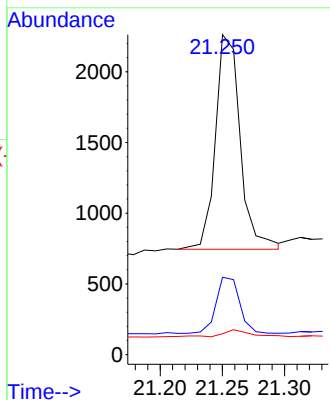
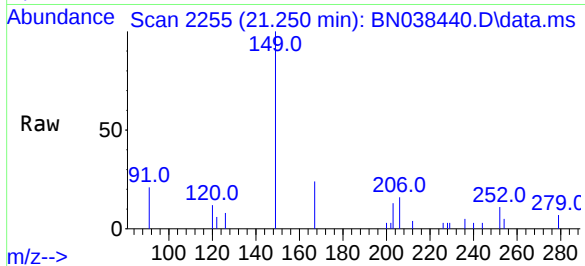




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.105 ng
 RT: 21.250 min Scan# 2103
 Delta R.T. -0.018 min
 Lab File: BN038440.D
 Acq: 16 Dec 2025 13:50

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-M2-20251210

Tgt Ion:	149	Resp:	2103
Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.4	32.0
279	3.3	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: BN038440.D
 Acq: 16 Dec 2025 13:50

Tgt Ion:	264	Resp:	9443
Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.2	33.2
265	97.5	80.2	120.2

