

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038394.D
 Acq On : 13 Dec 2025 19:30
 Operator : RC/JU
 Sample : Q3839-26
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT8

Quant Time: Dec 14 22:25:59 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)

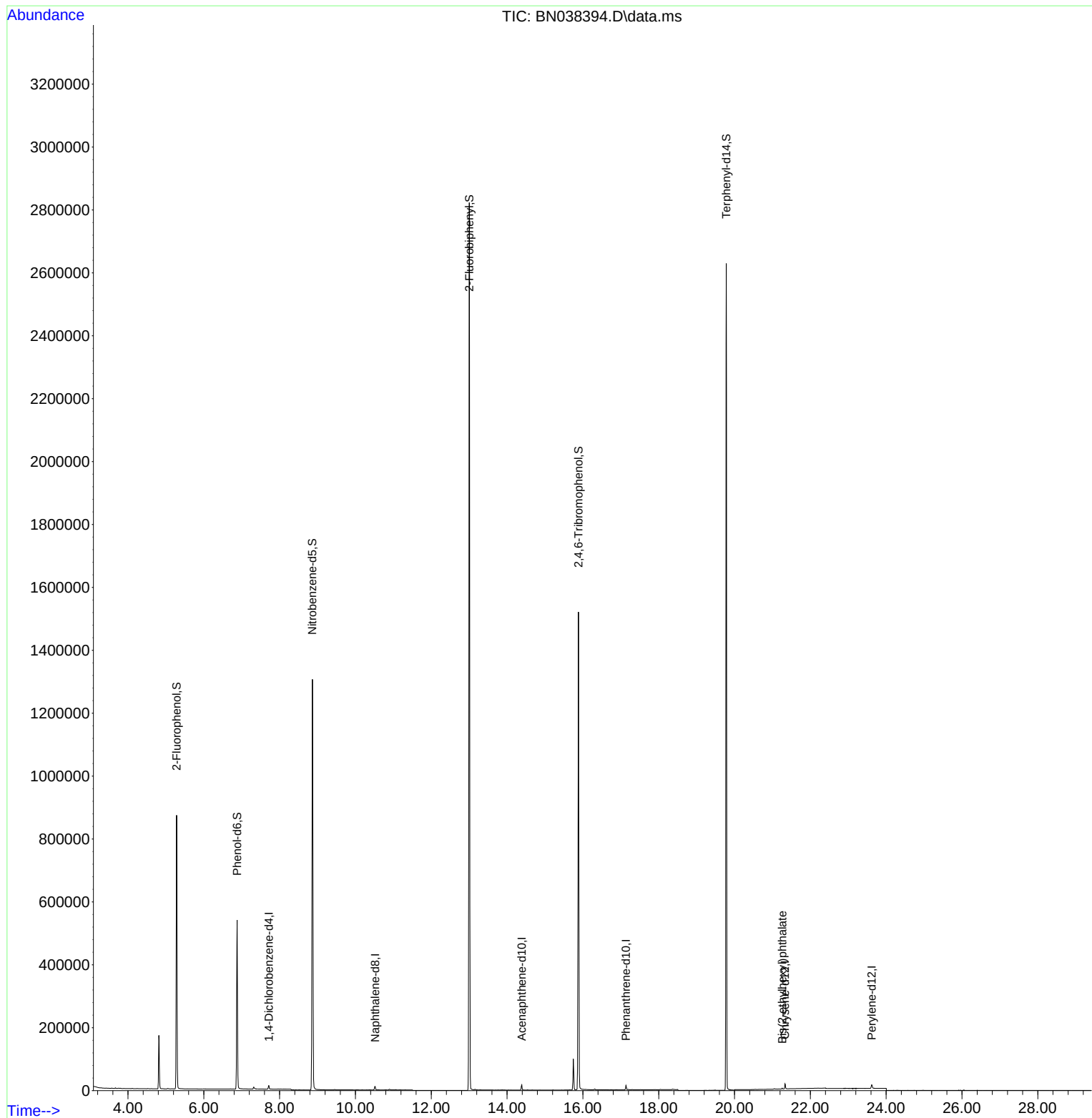
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5728	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	16503	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	9283	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	17477	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	15122	0.400	ng	0.00
35) Perylene-d12	23.622	264	16088	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	643443	45.105	ng	0.00
5) Phenol-d6	6.879	99	480624	28.341	ng	0.00
8) Nitrobenzene-d5	8.864	82	981225	70.490	ng	-0.01
11) 2-Methylnaphthalene-d10	11.999	152	10	0.000	ng	-0.13
14) 2,4,6-Tribromophenol	15.882	330	793637	192.705	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	3028320	67.715	ng	0.00
27) Fluoranthene-d10	19.178	212	65	0.002	ng	0.00
31) Terphenyl-d14	19.782	244	2515881	74.550	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.259	149	2440	0.076	ng	# 97

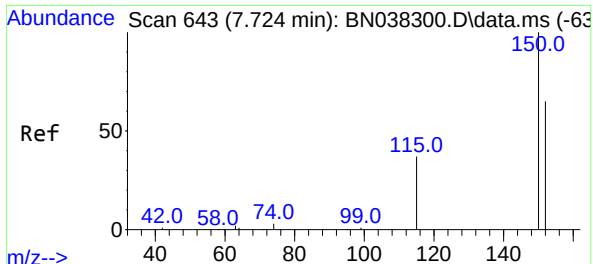
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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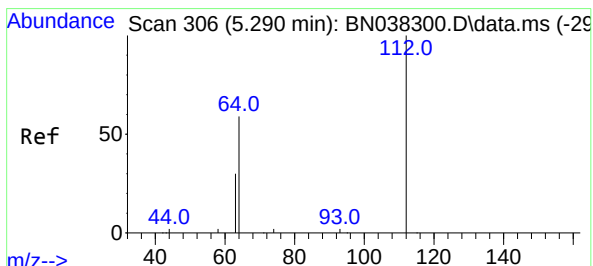
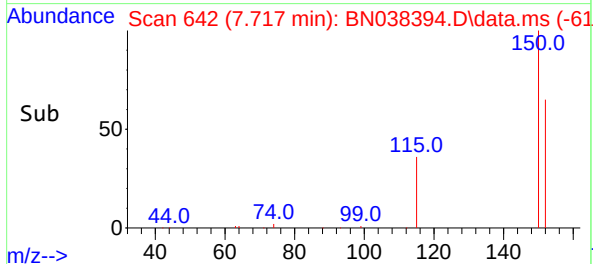
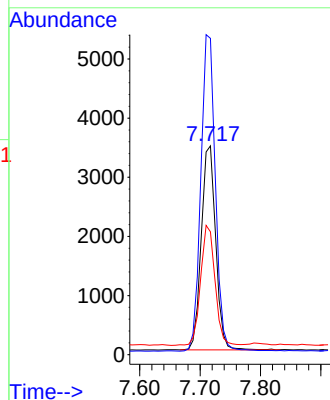
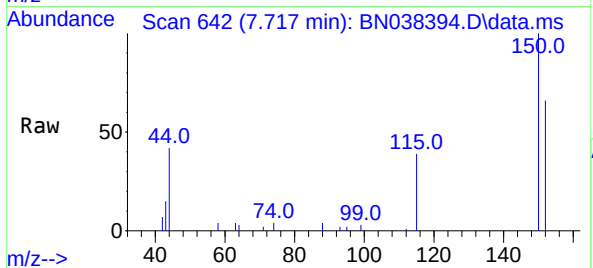




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

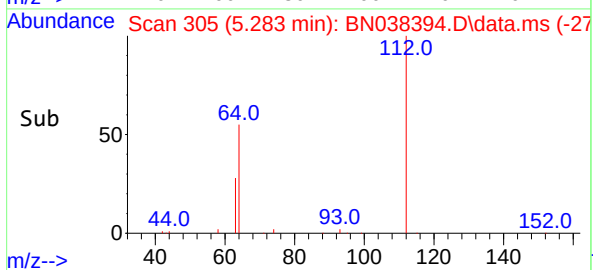
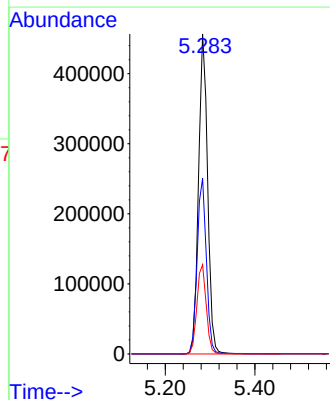
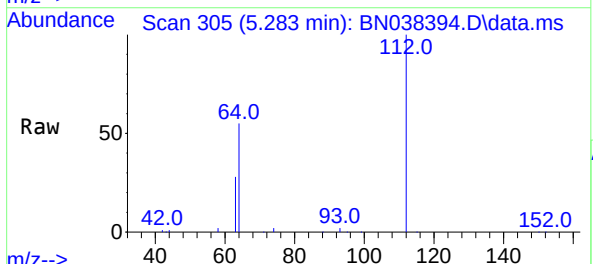
Instrument :
BNA_N
ClientSampleId :
C0AT8

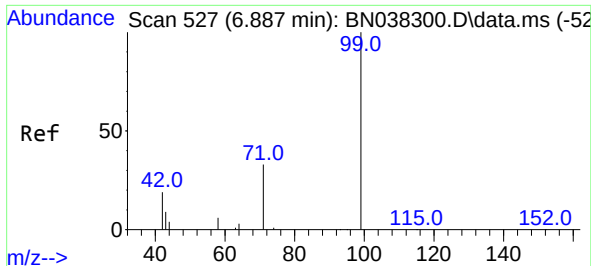
Tgt Ion:152 Resp: 5728
Ion Ratio Lower Upper
152 100
150 151.4 122.4 183.6
115 58.9 47.3 70.9



#4
2-Fluorophenol
Concen: 45.105 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

Tgt Ion:112 Resp: 643443
Ion Ratio Lower Upper
112 100
64 55.8 44.4 66.6
63 28.8 23.4 35.0

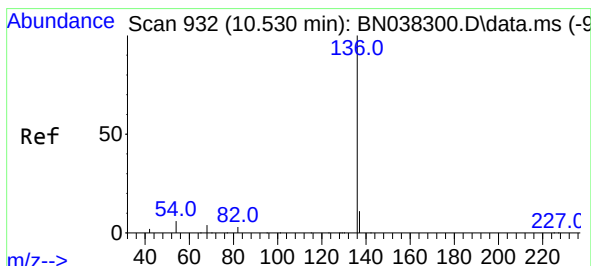
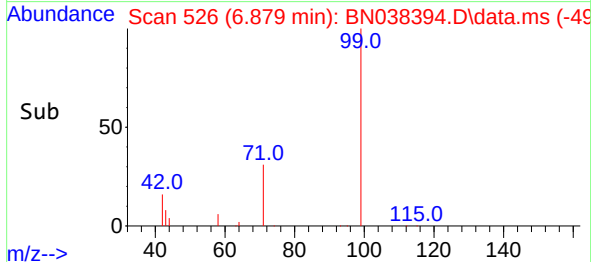
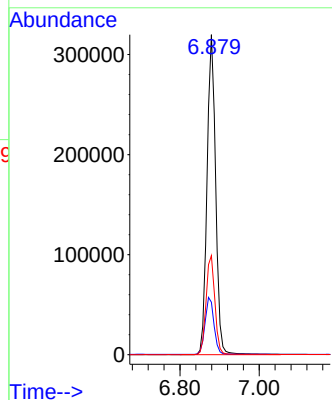
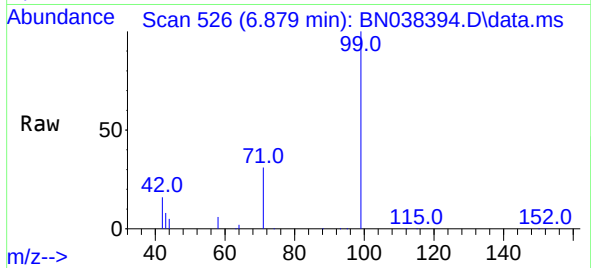




#5
Phenol-d6
Concen: 28.341 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

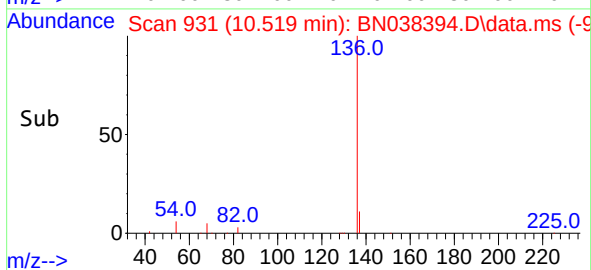
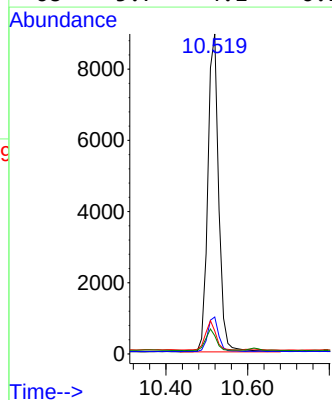
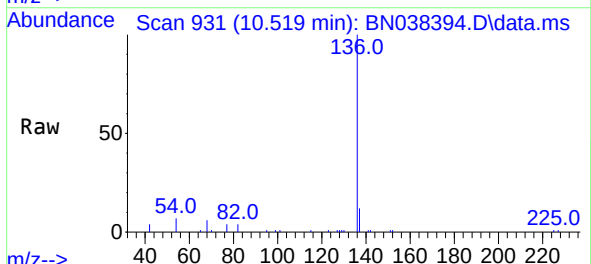
Instrument :
BNA_N
ClientSampleId :
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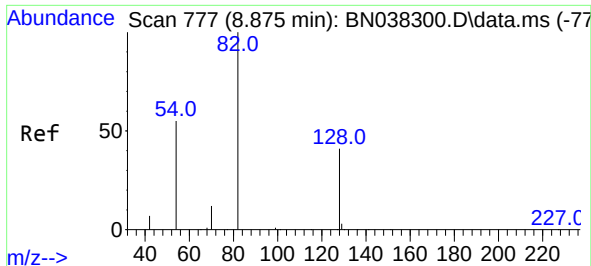
Tgt Ion: 99 Resp: 480624
Ion Ratio Lower Upper
99 100
42 18.4 16.5 24.7
71 31.7 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

Tgt Ion: 136 Resp: 16503
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.2 5.2 7.8
68 5.7 4.1 6.1

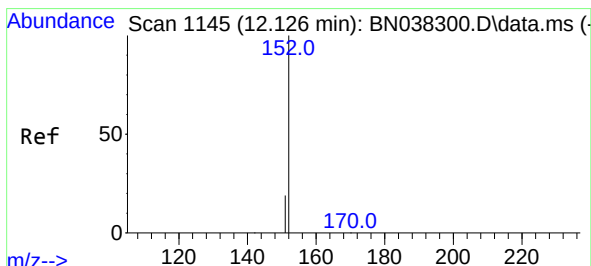
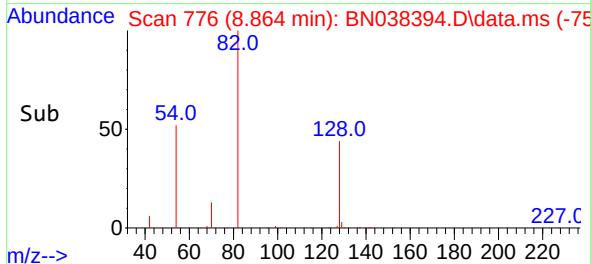
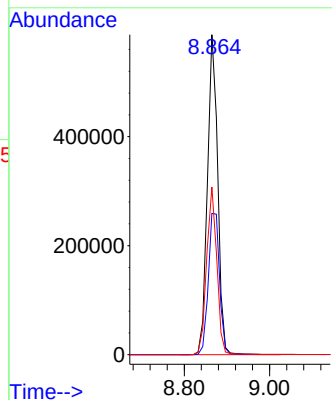
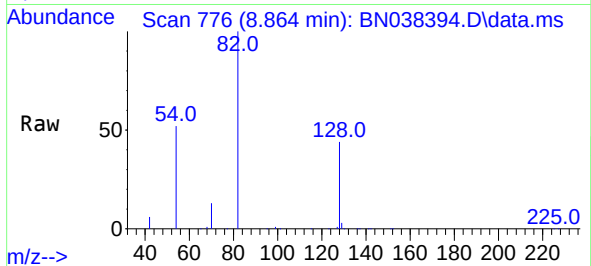




#8
Nitrobenzene-d5
Concen: 70.490 ng
RT: 8.864 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

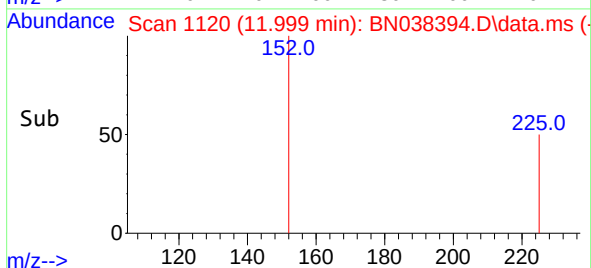
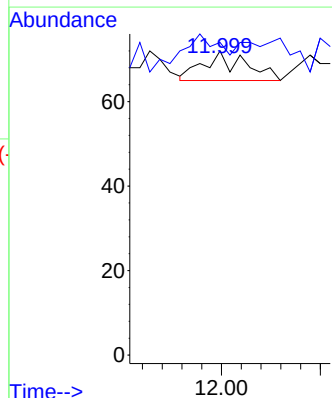
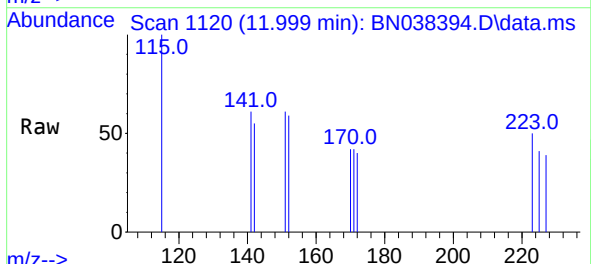
Instrument :
BNA_N
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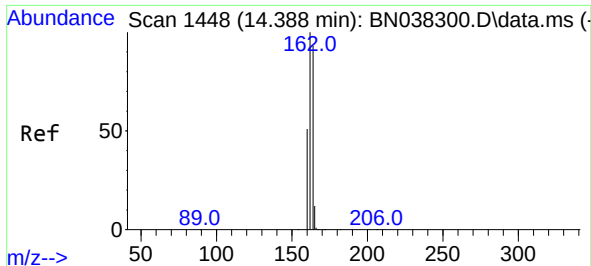
Tgt Ion: 82 Resp: 981225
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 52.3 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 11.999 min Scan# 1120
Delta R.T. -0.127 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

Tgt Ion:152 Resp: 10
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6

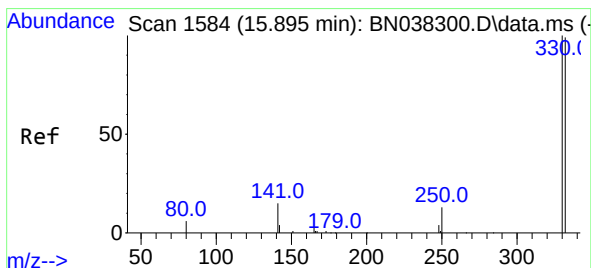
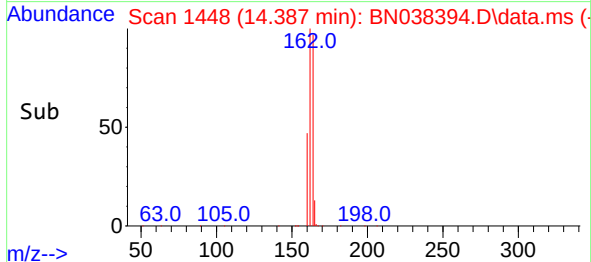
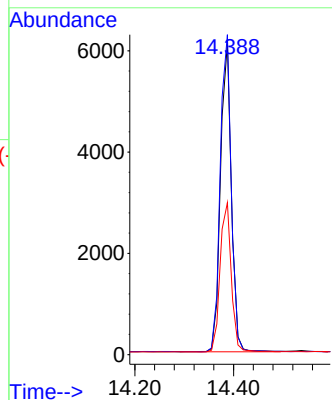
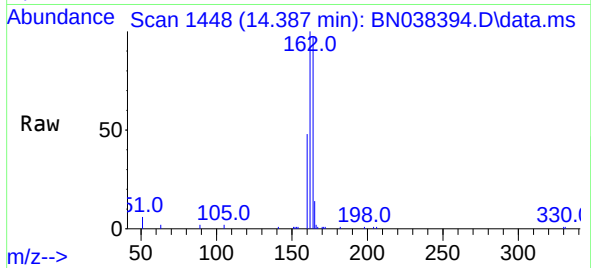




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

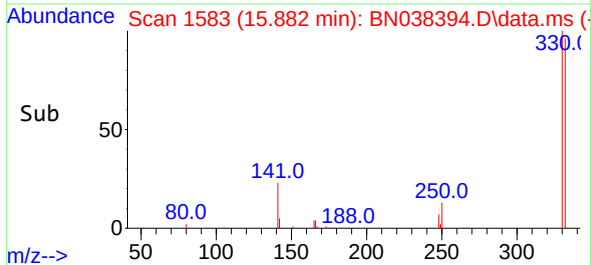
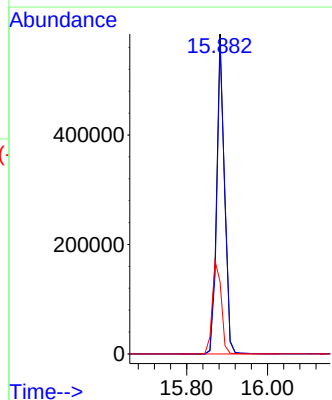
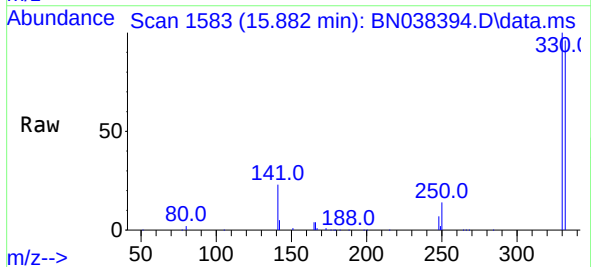
Instrument :
BNA_N
ClientSampleId :
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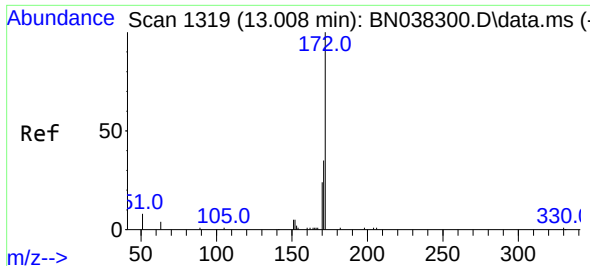
Tgt Ion:164 Resp: 9283
Ion Ratio Lower Upper
164 100
162 102.7 86.2 129.4
160 48.8 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 192.705 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

Tgt Ion:330 Resp: 793637
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 33.1 31.8 47.8

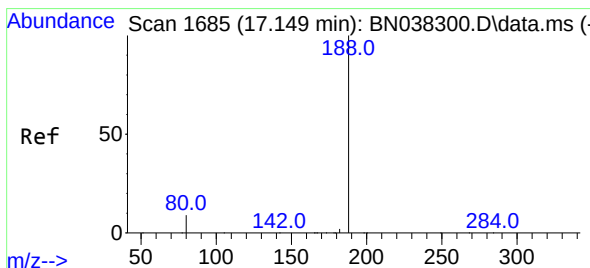
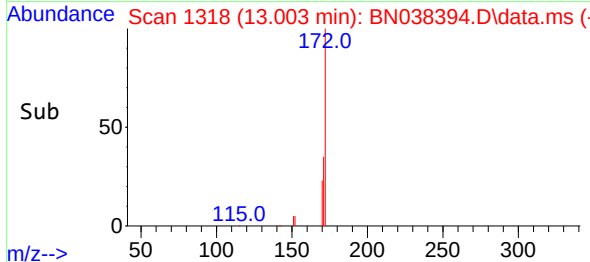
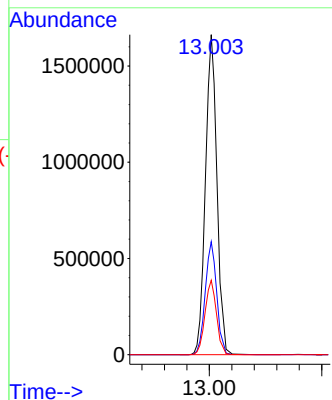
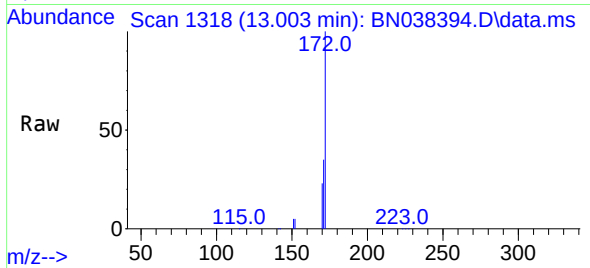




#15
2-Fluorobiphenyl
Concen: 67.715 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

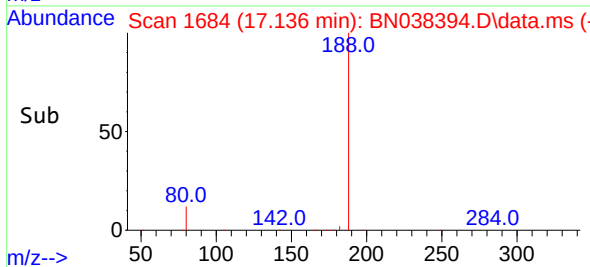
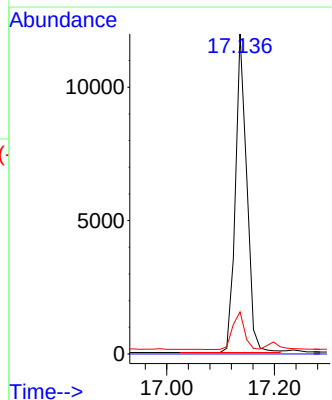
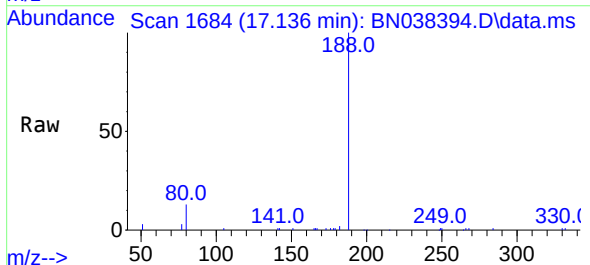
Instrument :
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ClientSampleId :
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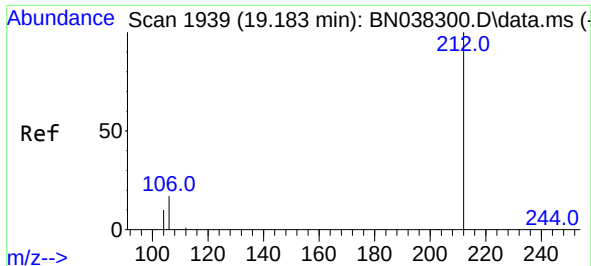
Tgt Ion:172 Resp: 3028320
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

Tgt Ion:188 Resp: 17477
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.4 11.0#

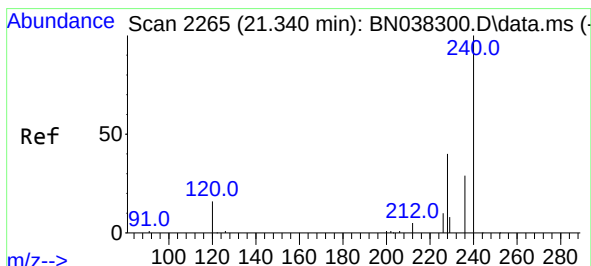
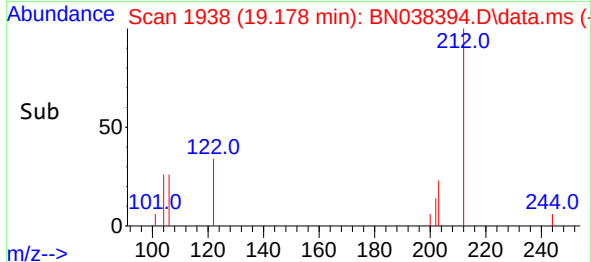
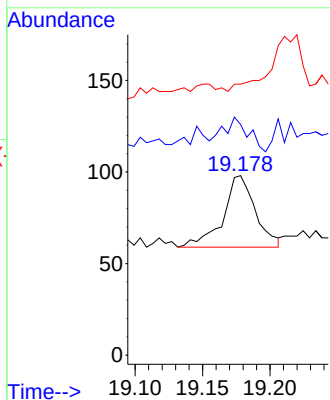
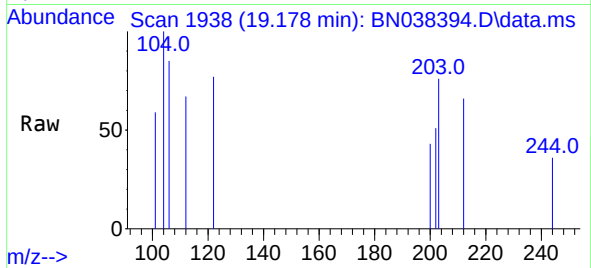




#27
Fluoranthene-d10
Concen: 0.002 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

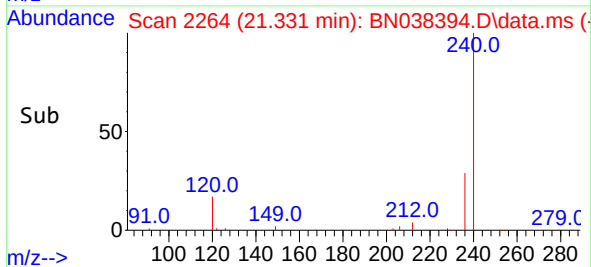
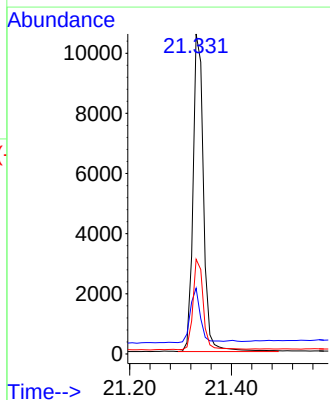
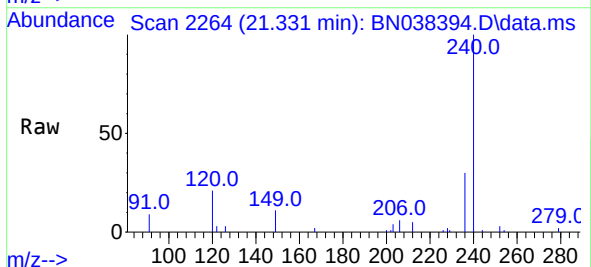
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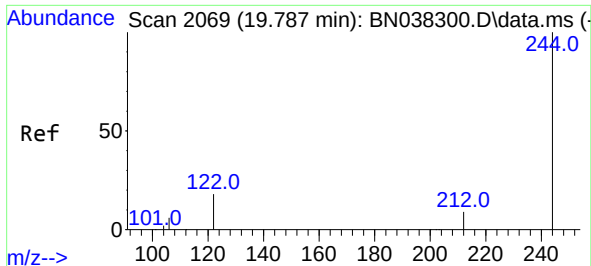
Tgt Ion:212 Resp: 65
Ion Ratio Lower Upper
212 100
106 38.5 13.7 20.5#
104 0.0 7.8 11.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038394.D
Acq: 13 Dec 2025 19:30

Tgt Ion:240 Resp: 15122
Ion Ratio Lower Upper
240 100
120 20.5 15.4 23.2
236 29.6 23.9 35.9

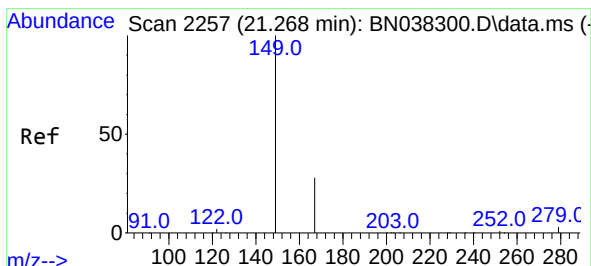
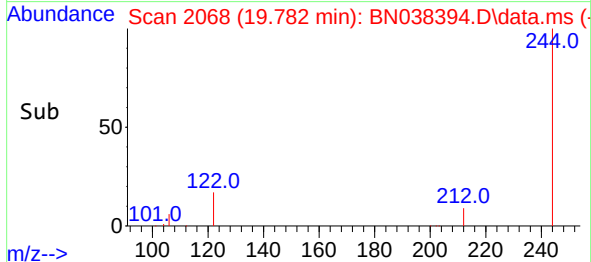
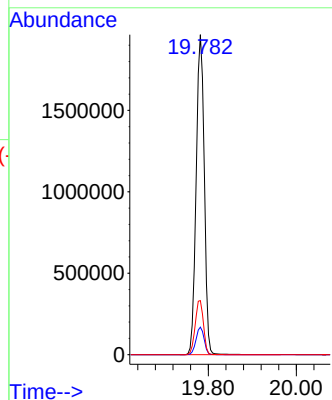
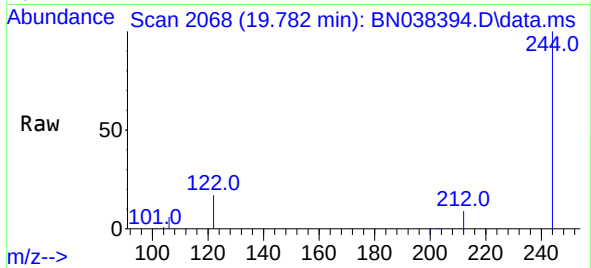




#31
 Terphenyl-d14
 Concen: 74.550 ng
 RT: 19.782 min Scan# 2069
 Delta R.T. -0.009 min
 Lab File: BN038394.D
 Acq: 13 Dec 2025 19:30

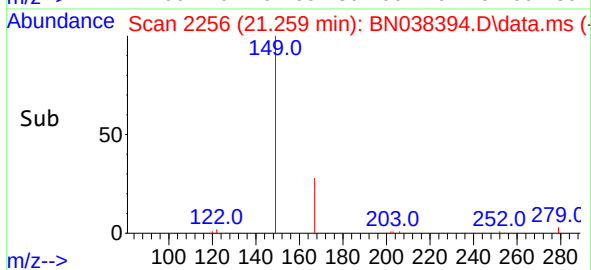
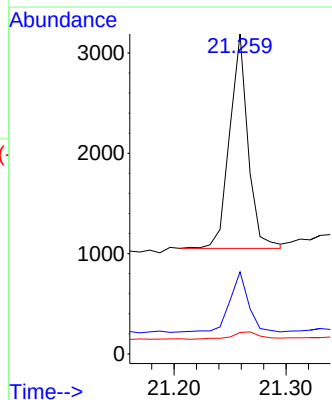
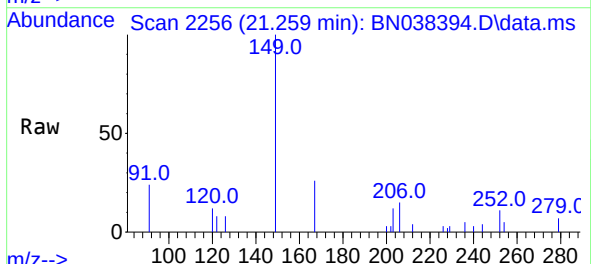
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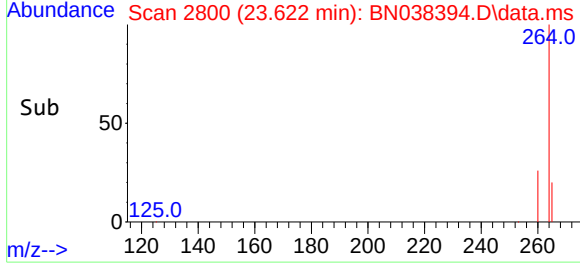
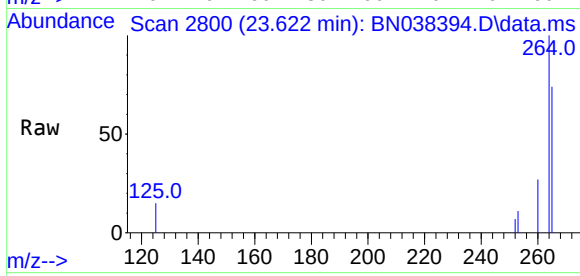
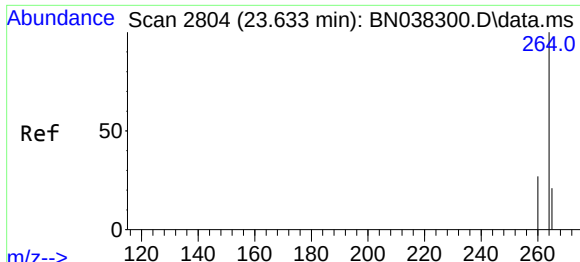
Tgt Ion:244 Resp: 2515881
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.9 11.9
 122 16.9 15.0 22.6



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.259 min Scan# 2256
 Delta R.T. -0.009 min
 Lab File: BN038394.D
 Acq: 13 Dec 2025 19:30

Tgt Ion:149 Resp: 2440
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.4 32.0
 279 5.4 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.622 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN038394.D
 Acq: 13 Dec 2025 19:30

Instrument :
 BNA_N
 ClientSampleId :
 C0AT8

Tgt Ion:264 Resp: 16088

Ion	Ratio	Lower	Upper
264	100		
260	26.9	22.2	33.2
265	74.4	80.2	120.2#

