

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038390.D
 Acq On : 13 Dec 2025 17:04
 Operator : RC/JU
 Sample : Q3839-22
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT4

Quant Time: Dec 14 22:25:01 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

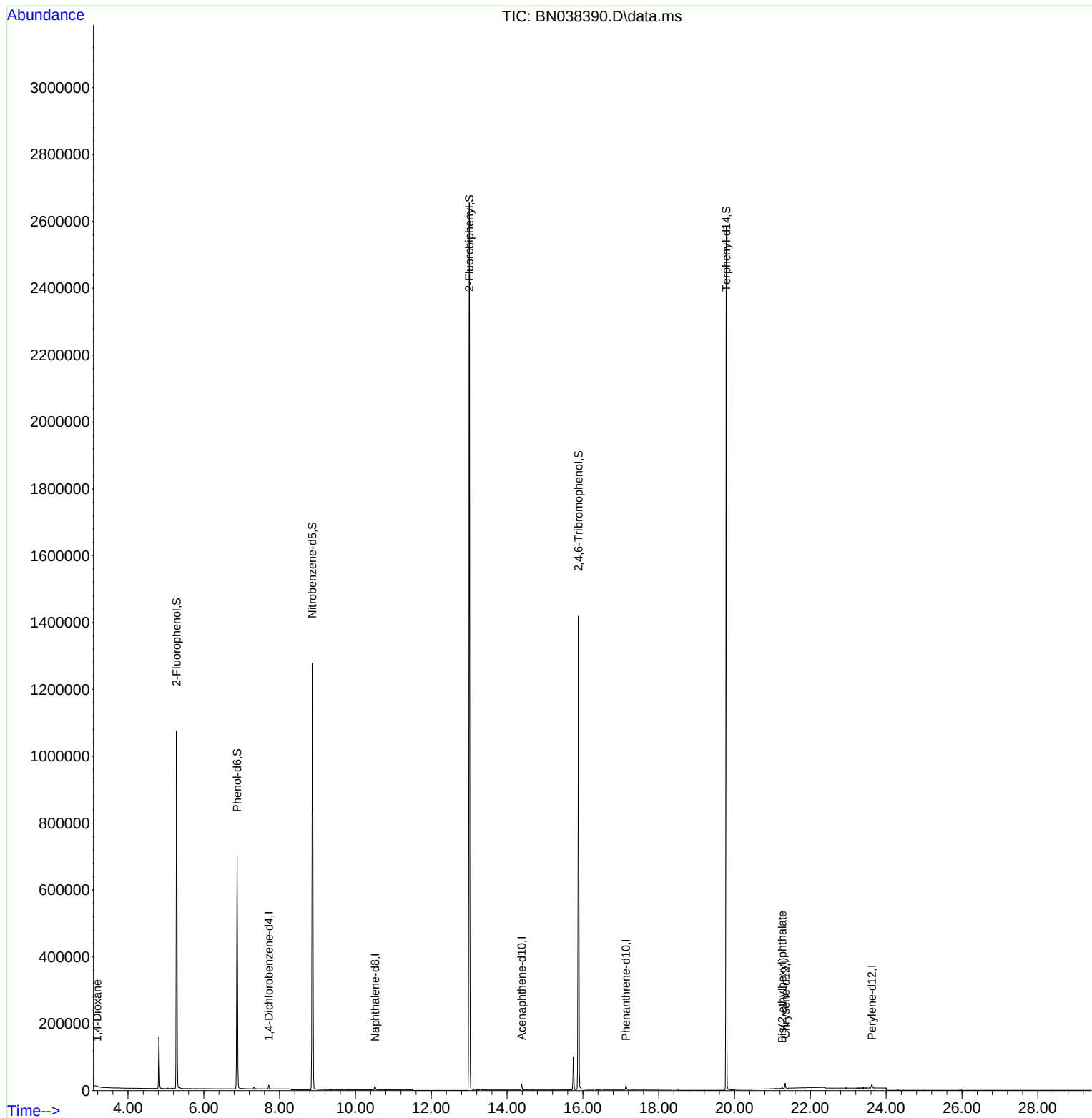
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5634	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	16018	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	8857	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	16700	0.400	ng	#-0.01
29) Chrysene-d12	21.339	240	14343	0.400	ng	# 0.00
35) Perylene-d12	23.624	264	15449	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	793484	56.551	ng	0.00
5) Phenol-d6	6.879	99	623728	37.393	ng	0.00
8) Nitrobenzene-d5	8.864	82	960204	71.068	ng	-0.01
11) 2-Methylnaphthalene-d10	12.273	152	13	0.001	ng	0.15
14) 2,4,6-Tribromophenol	15.882	330	754035	191.895	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	2710178	63.516	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.782	244	2396459	74.868	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	915	0.142	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.259	149	2420	0.080	ng	# 94

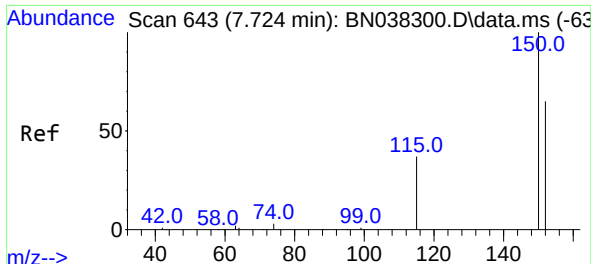
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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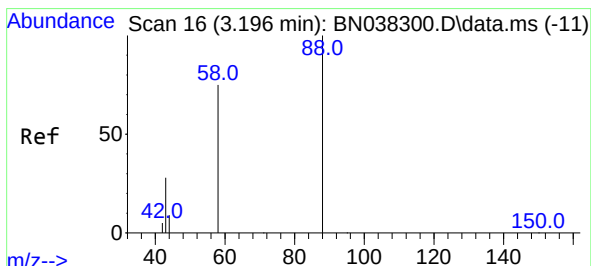
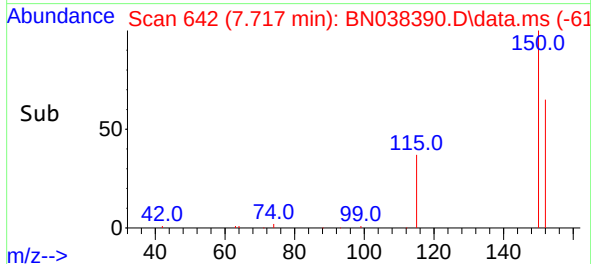
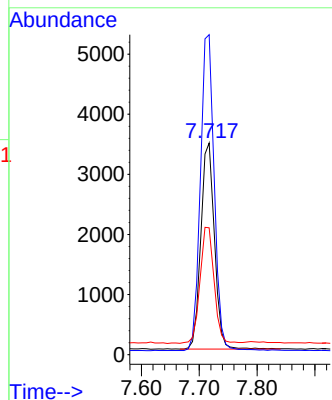
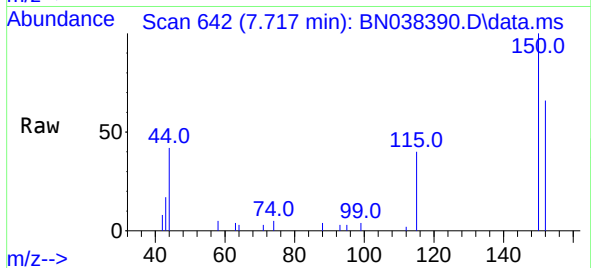




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

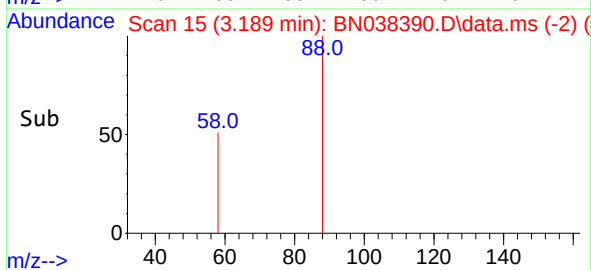
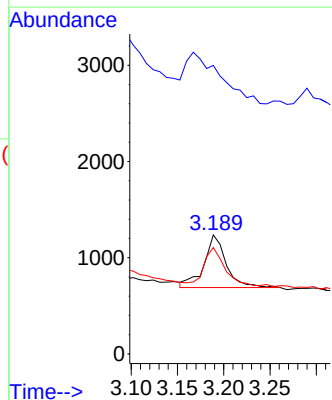
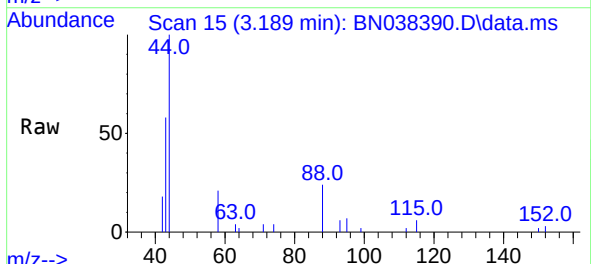
Instrument :
BNA_N
ClientSampleId :
C0AT4

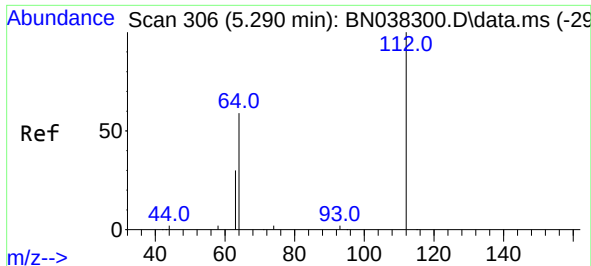
Tgt Ion:152 Resp: 5634
Ion Ratio Lower Upper
152 100
150 151.2 122.4 183.6
115 60.0 47.3 70.9



#2
1,4-Dioxane
Concen: 0.142 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Tgt Ion: 88 Resp: 915
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 71.7 61.4 92.0

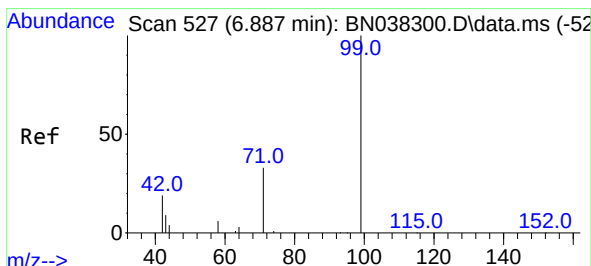
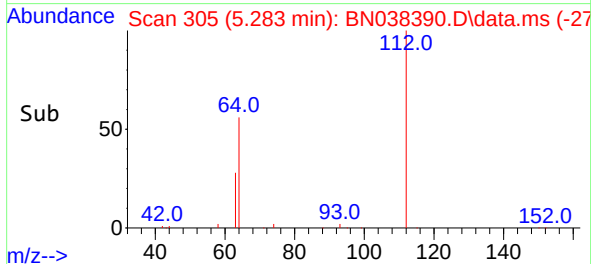
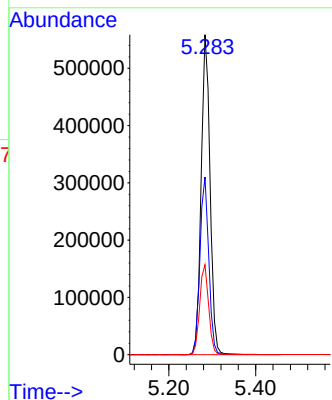
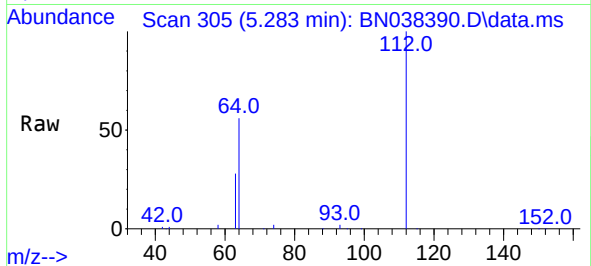




#4
2-Fluorophenol
Concen: 56.551 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

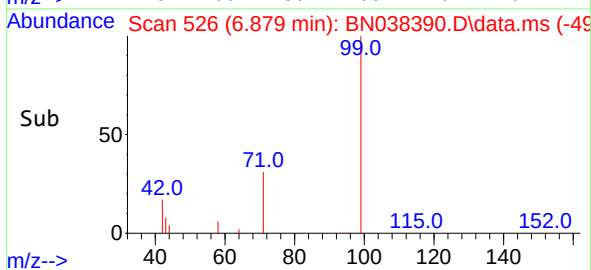
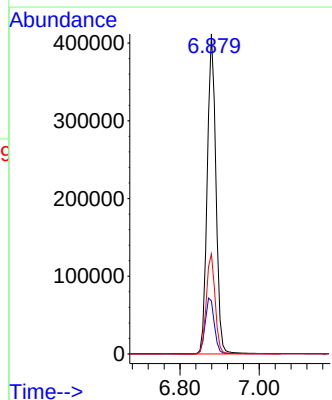
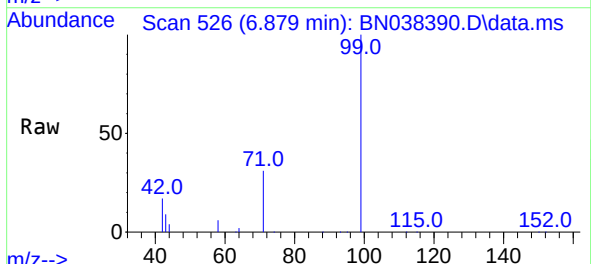
Instrument :
BNA_N
ClientSampleId :
C0AT4

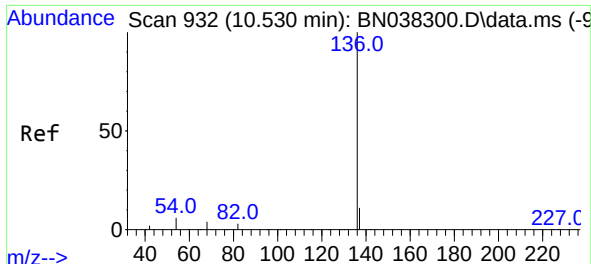
Tgt Ion:112 Resp: 793484
Ion Ratio Lower Upper
112 100
64 55.6 44.4 66.6
63 28.5 23.4 35.0



#5
Phenol-d6
Concen: 37.393 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Tgt Ion: 99 Resp: 623728
Ion Ratio Lower Upper
99 100
42 18.2 16.5 24.7
71 31.6 24.9 37.3

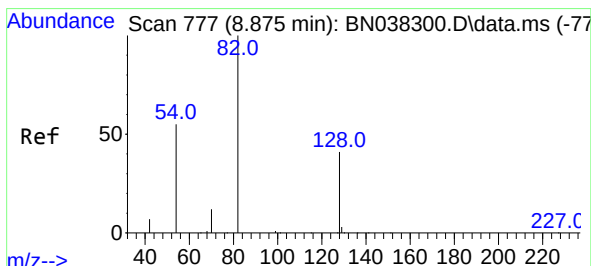
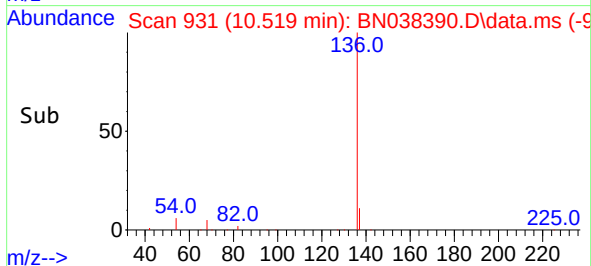
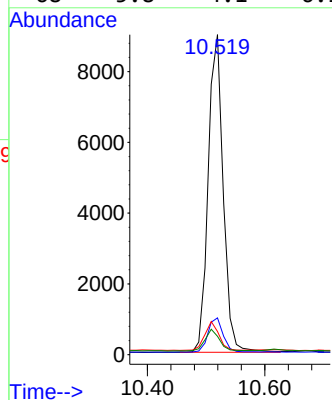
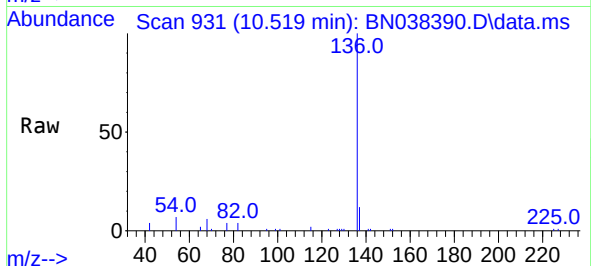




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

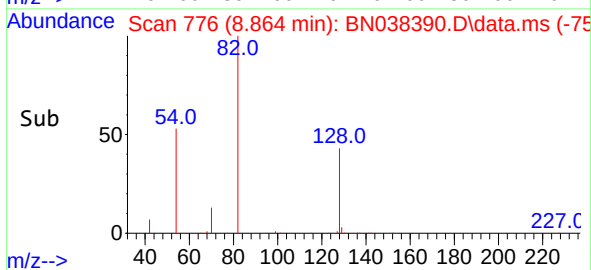
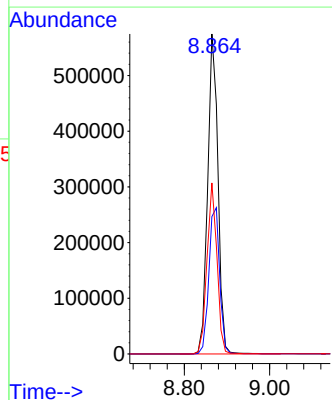
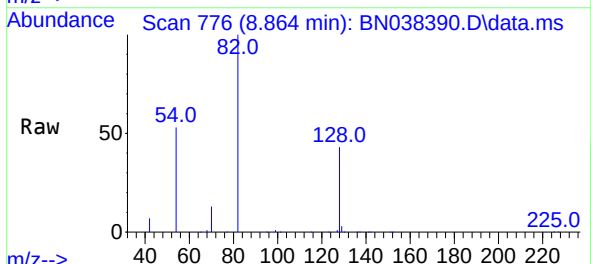
Instrument :
BNA_N
ClientSampleId :
C0AT4

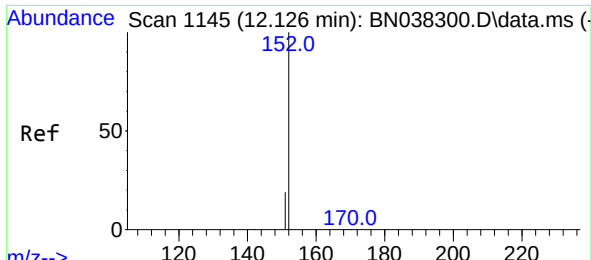
Tgt Ion:136	Resp:	16018
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	7.2	5.2 7.8
68	5.8	4.1 6.1



#8
Nitrobenzene-d5
Concen: 71.068 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Tgt Ion: 82	Resp:	960204
Ion Ratio	Lower	Upper
82	100	
128	42.9	34.0 51.0
54	53.4	44.4 66.6

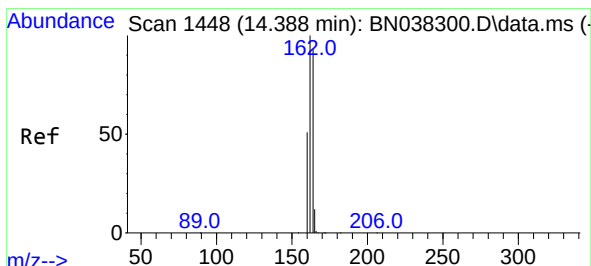
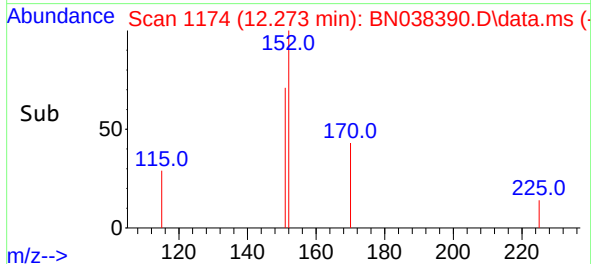
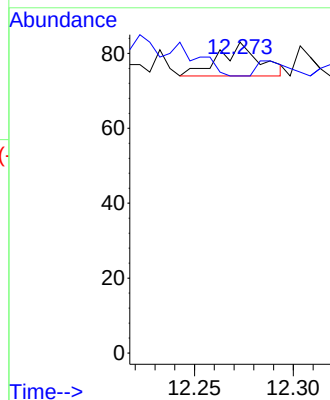
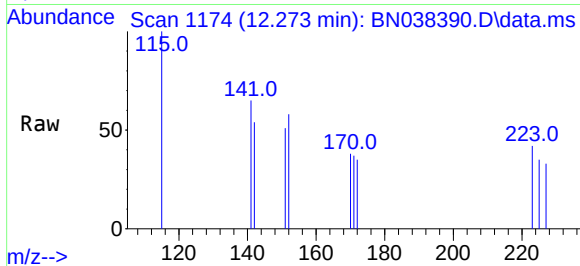




#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.273 min Scan# 1145
Delta R.T. 0.147 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

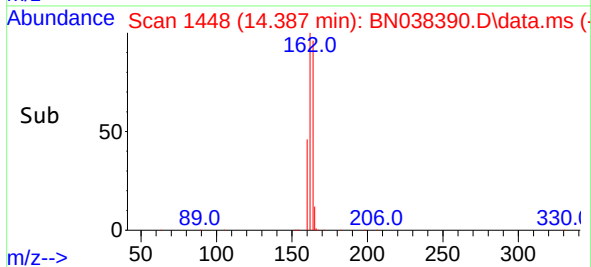
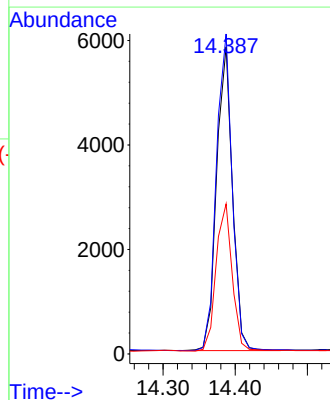
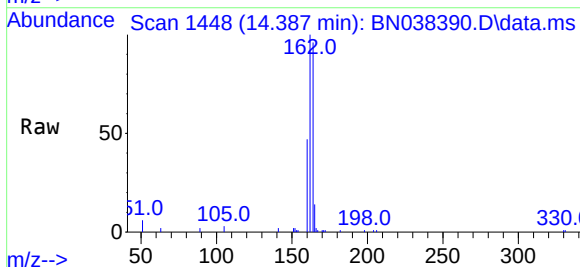
Instrument :
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ClientSampleId :
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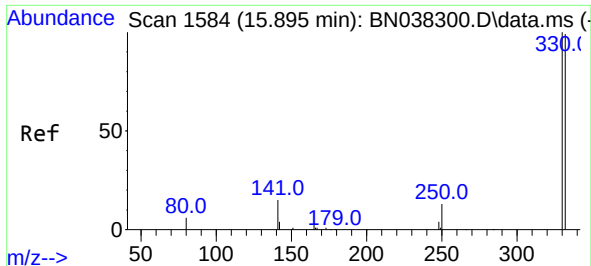
Tgt Ion:152 Resp: 13
Ion Ratio Lower Upper
152 100
151 23.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Tgt Ion:164 Resp: 8857
Ion Ratio Lower Upper
164 100
162 104.1 86.2 129.4
160 48.8 44.6 67.0

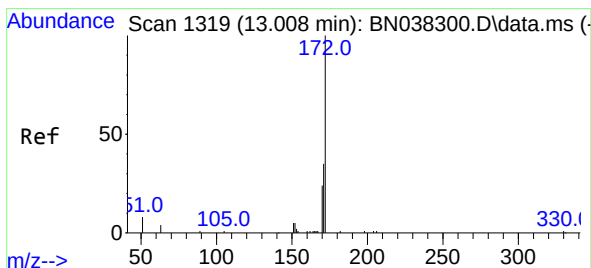
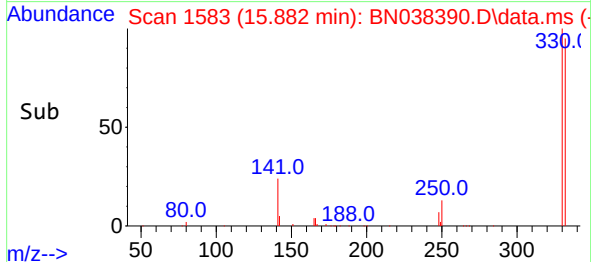
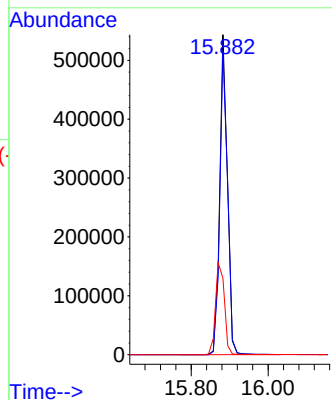
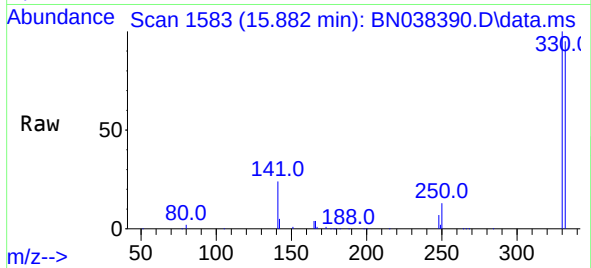




#14
2,4,6-Tribromophenol
Concen: 191.895 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

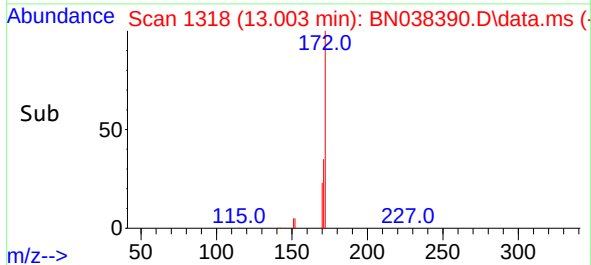
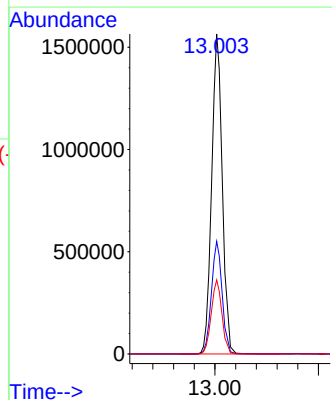
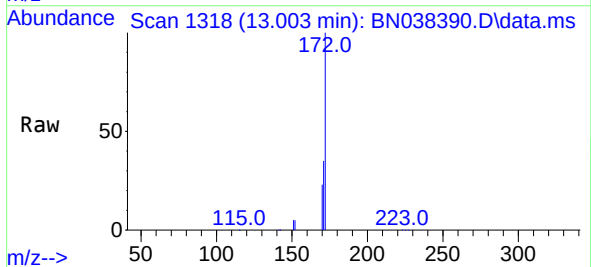
Instrument :
BNA_N
ClientSampleId :
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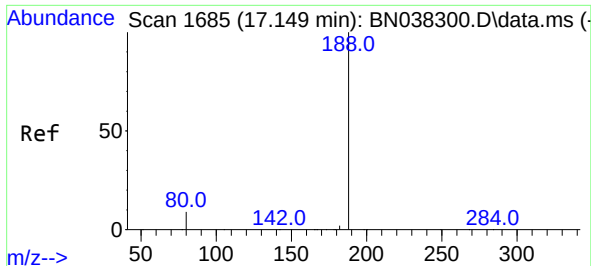
Tgt Ion:330 Resp: 754035
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 32.9 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 63.516 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Tgt Ion:172 Resp: 2710178
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.2 19.3 28.9

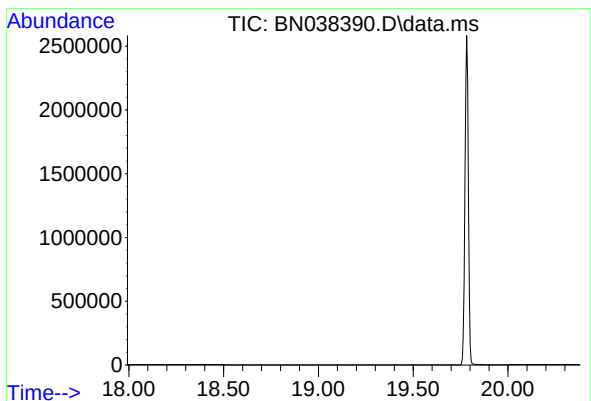
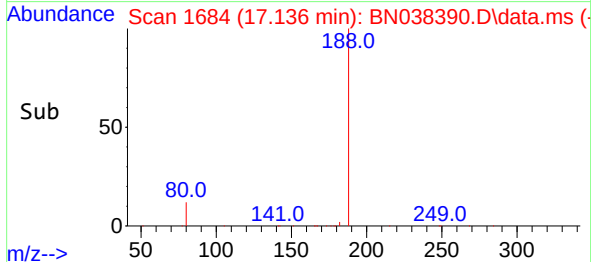
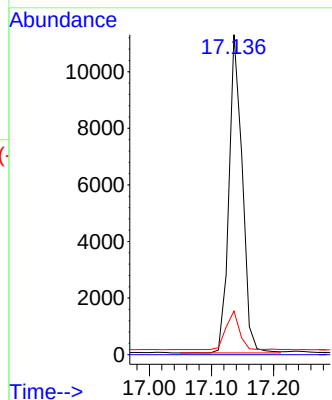
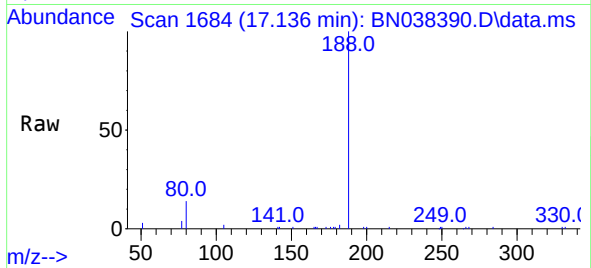




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Instrument :
BNA_N
ClientSampleId :
C0AT4

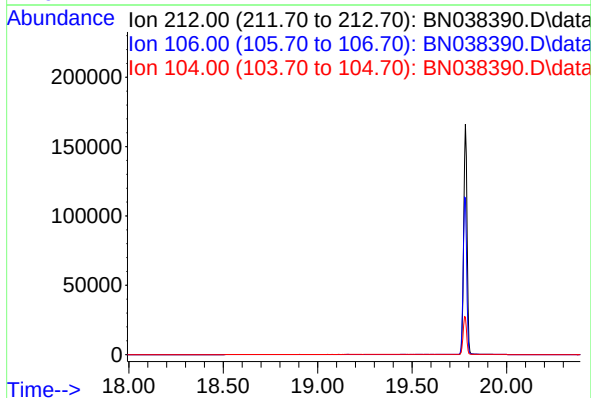
Tgt Ion:188 Resp: 16700
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 7.4 11.0#

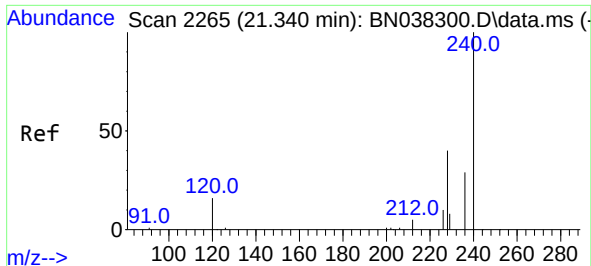


#27
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 19.19 min

Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Tgt Ion: 212
Sig Exp Ratio
212 100
106 17.1
104 9.8

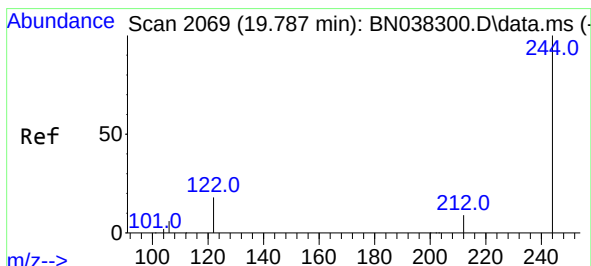
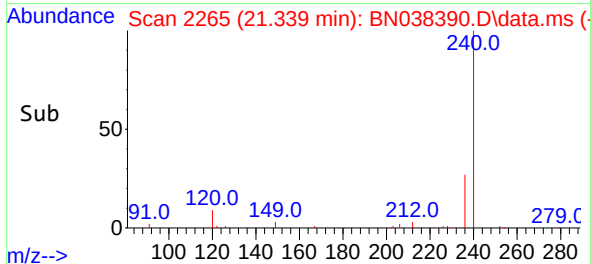
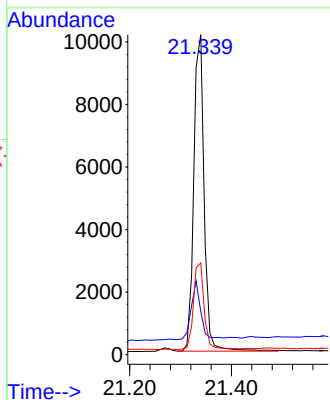
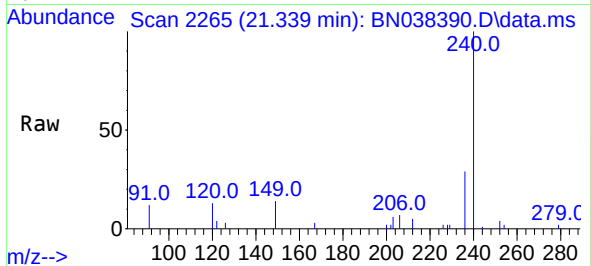




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

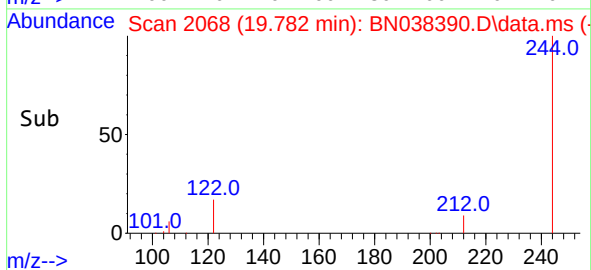
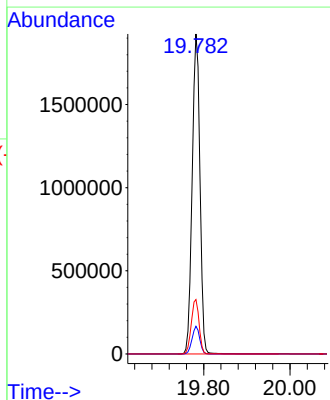
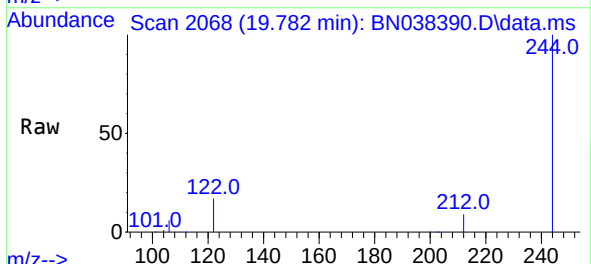
Instrument :
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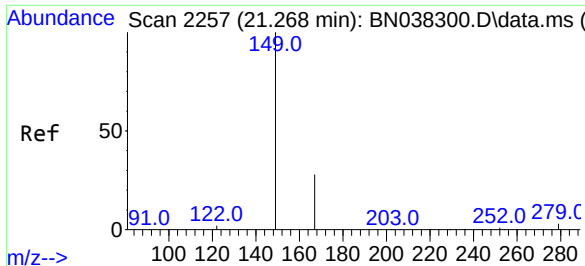
Tgt Ion:240 Resp: 14343
Ion Ratio Lower Upper
240 100
120 13.5 15.4 23.2#
236 28.7 23.9 35.9



#31
Terphenyl-d14
Concen: 74.868 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Tgt Ion:244 Resp: 2396459
Ion Ratio Lower Upper
244 100
212 8.6 7.9 11.9
122 17.0 15.0 22.6

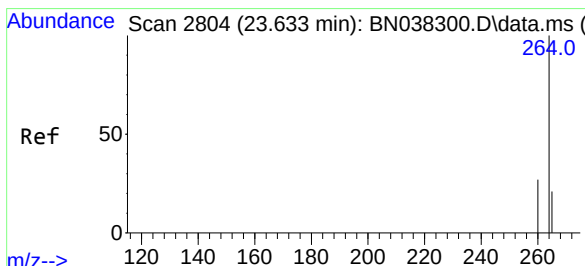
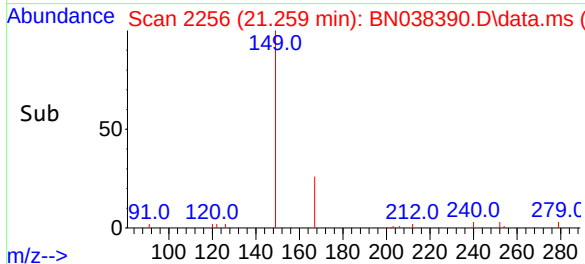
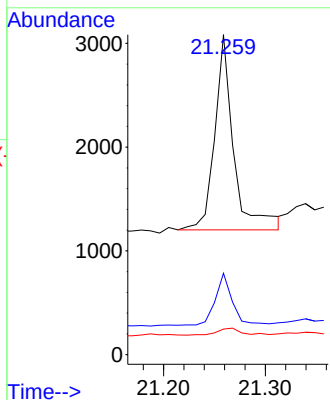
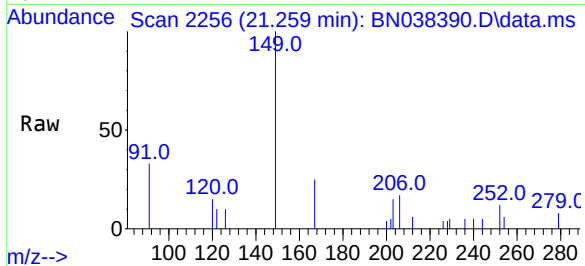




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.259 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Instrument :
BNA_N
ClientSampleId :
COAT4

Tgt Ion:149 Resp: 2420
Ion Ratio Lower Upper
149 100
167 23.8 21.4 32.0
279 4.6 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.624 min Scan# 2801
Delta R.T. -0.009 min
Lab File: BN038390.D
Acq: 13 Dec 2025 17:04

Tgt Ion:264 Resp: 15449
Ion Ratio Lower Upper
264 100
260 26.7 22.2 33.2
265 83.1 80.2 120.2

