

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038353.D
 Acq On : 12 Dec 2025 16:02
 Operator : RC/JU
 Sample : Q3835-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-121025

Quant Time: Dec 12 16:32:53 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)

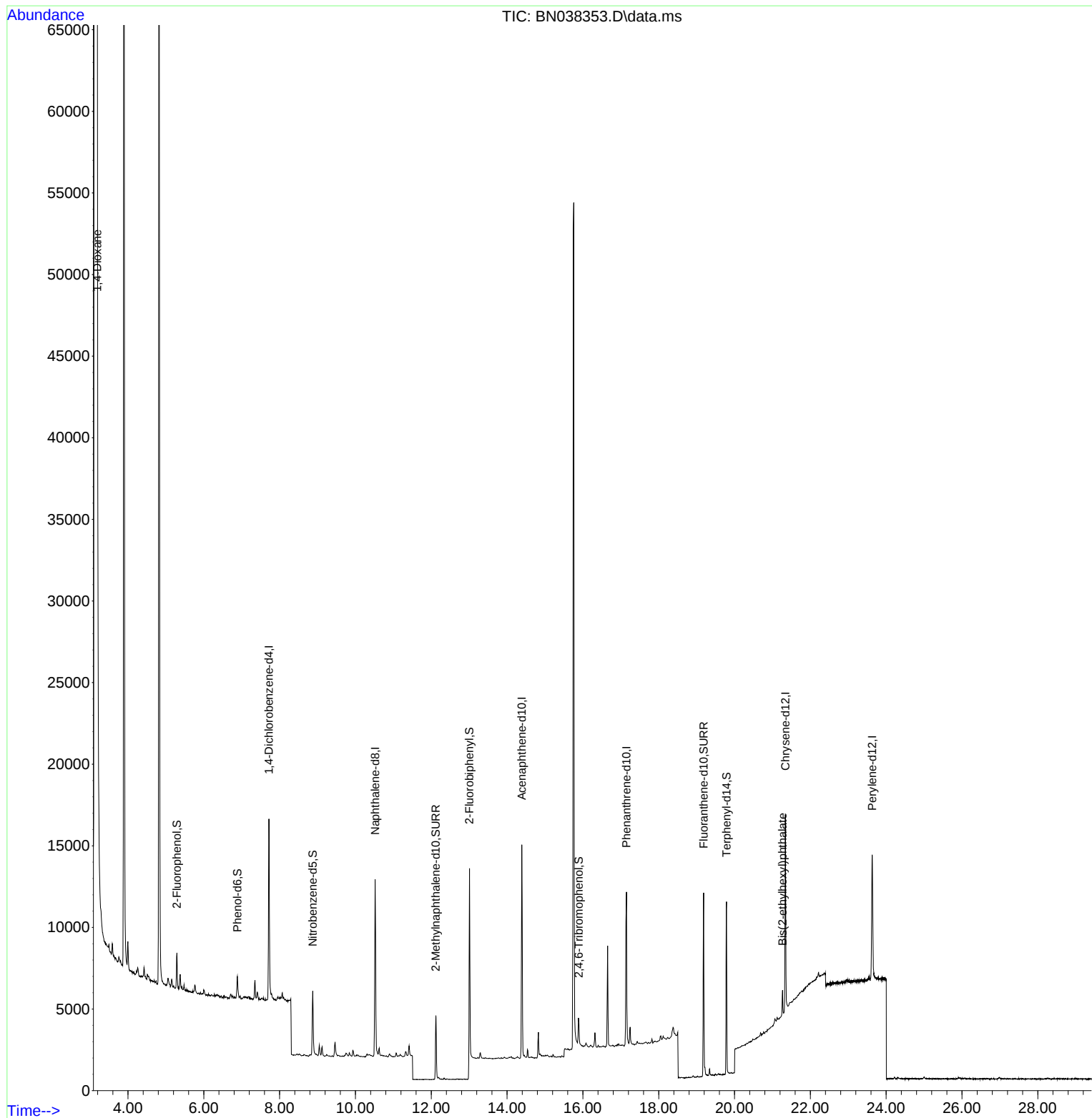
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5518	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	14705	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7464	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	13817	0.400	ng	0.00
29) Chrysene-d12	21.340	240	10745	0.400	ng	0.00
35) Perylene-d12	23.630	264	10756	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1812	0.132	ng	0.00
5) Phenol-d6	6.887	99	1299	0.080	ng	0.00
8) Nitrobenzene-d5	8.875	82	3546	0.286	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	5731	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1031	0.311	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	10939	0.304	ng	0.00
27) Fluoranthene-d10	19.183	212	11919	0.349	ng	0.00
31) Terphenyl-d14	19.787	244	9920	0.414	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	19221	3.038	ng	98
34) Bis(2-ethylhexyl)phtha...	21.268	149	1538	0.068	ng	# 94

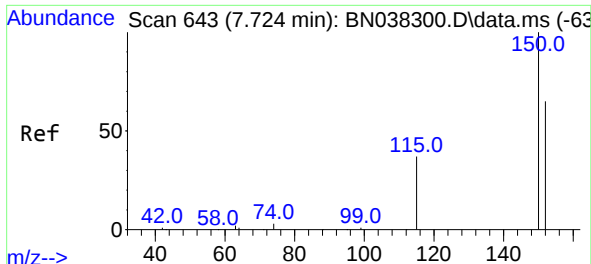
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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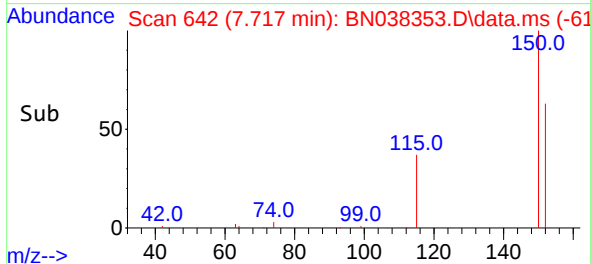
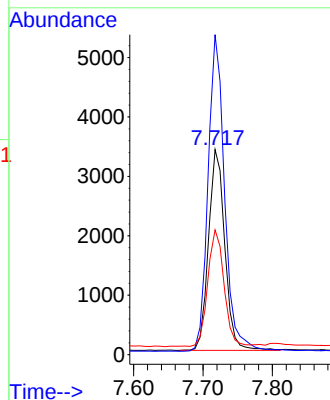
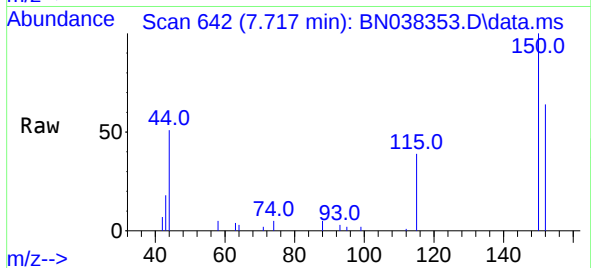




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

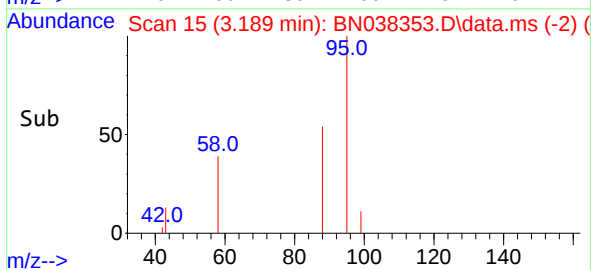
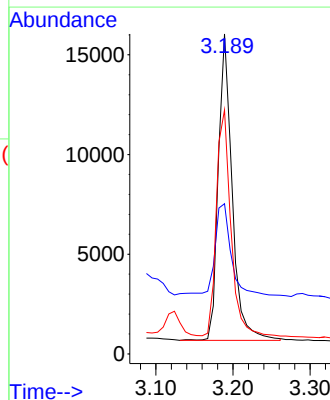
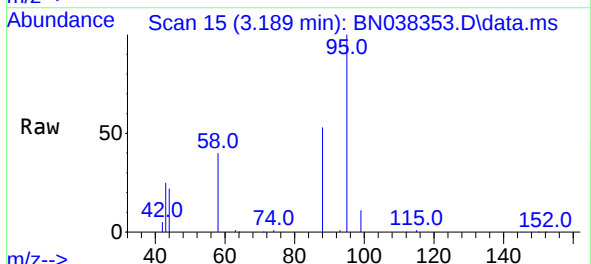
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-121025

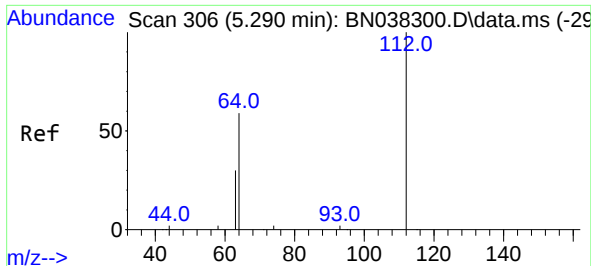
Tgt Ion:152 Resp: 5518
Ion Ratio Lower Upper
152 100
150 156.0 122.4 183.6
115 60.9 47.3 70.9



#2
1,4-Dioxane
Concen: 3.038 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Tgt Ion: 88 Resp: 19221
Ion Ratio Lower Upper
88 100
43 34.1 24.9 37.3
58 76.6 61.4 92.0

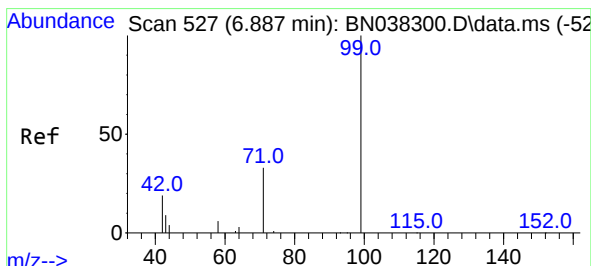
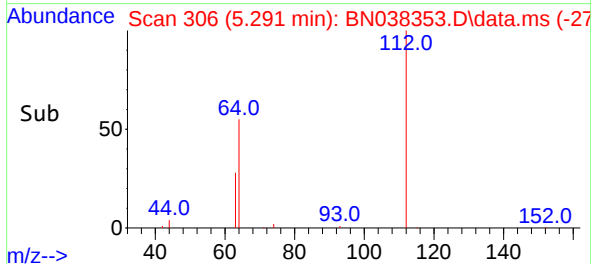
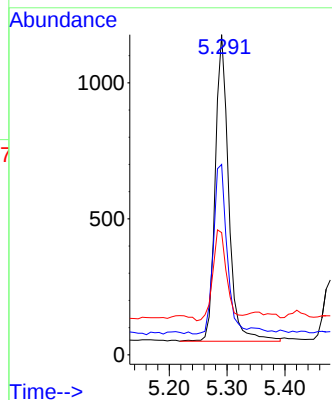
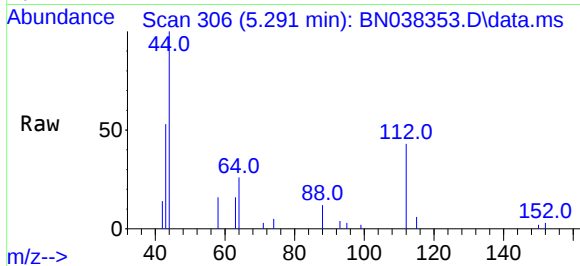




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

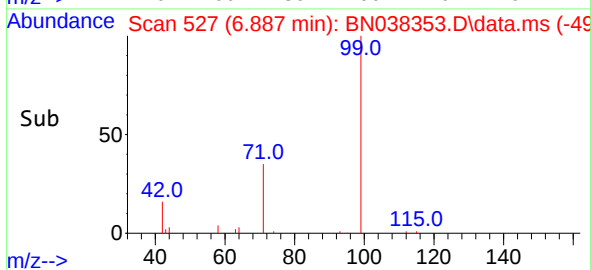
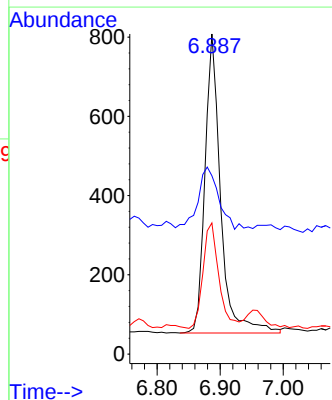
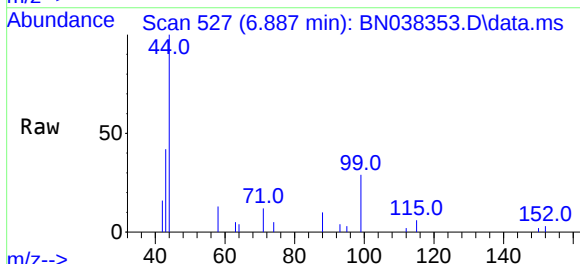
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-121025

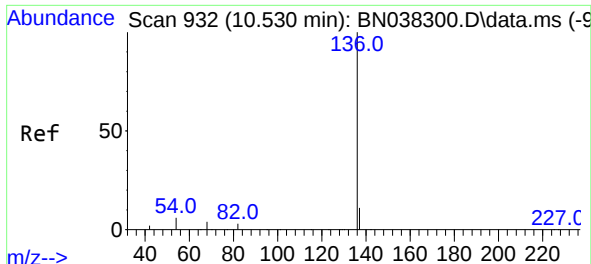
Tgt Ion:	112	Resp:	1812
Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.4	66.6
63	30.6	23.4	35.0



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Tgt Ion:	99	Resp:	1299
Ion	Ratio	Lower	Upper
99	100		
42	27.6	16.5	24.7#
71	35.8	24.9	37.3

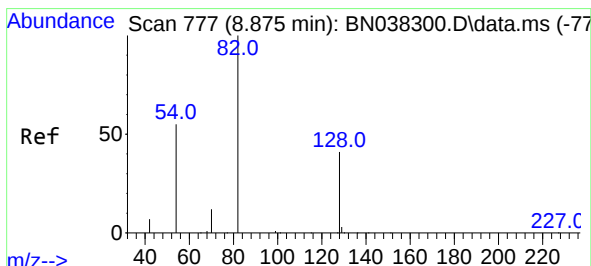
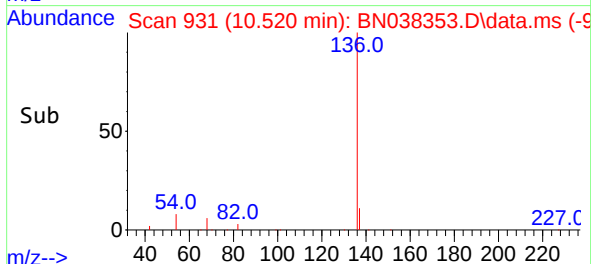
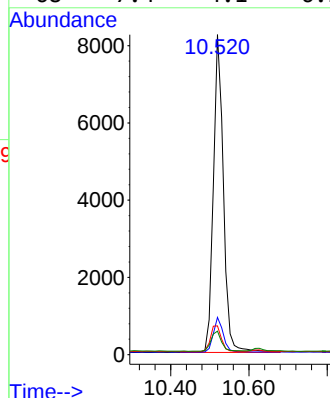
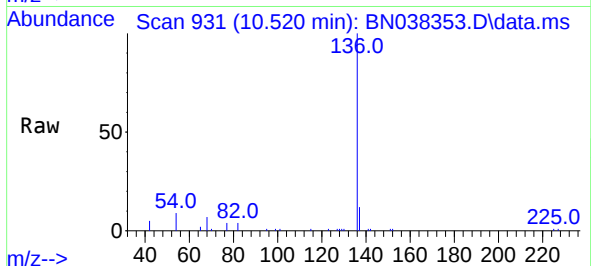




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

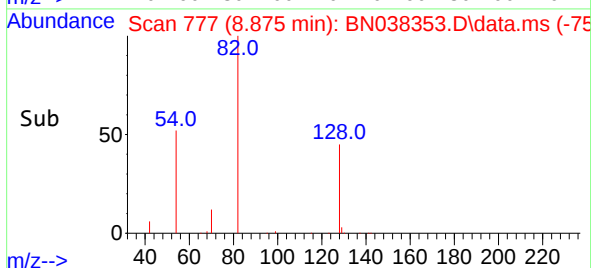
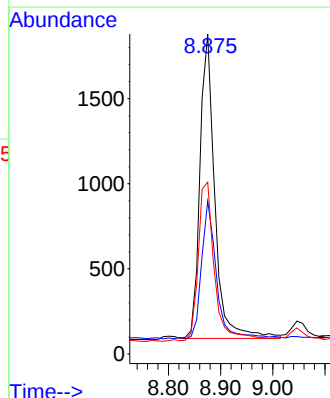
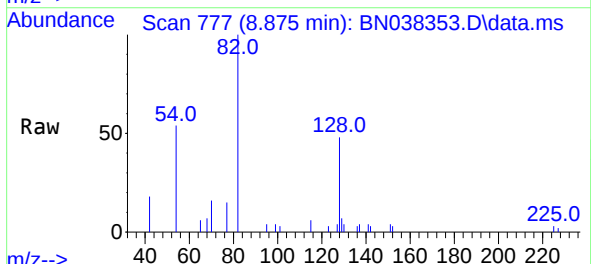
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-121025

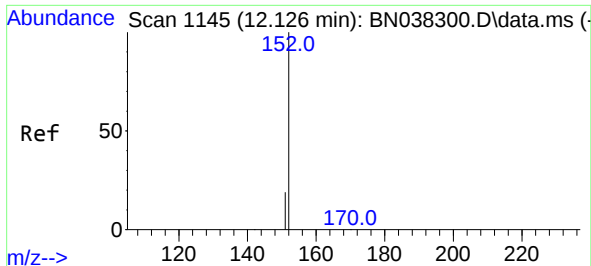
Tgt Ion:	136	Resp:	14705
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	9.0	5.2	7.8#
68	7.4	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Tgt Ion:	82	Resp:	3546
Ion Ratio	Lower	Upper	
82	100		
128	47.8	34.0	51.0
54	53.7	44.4	66.6

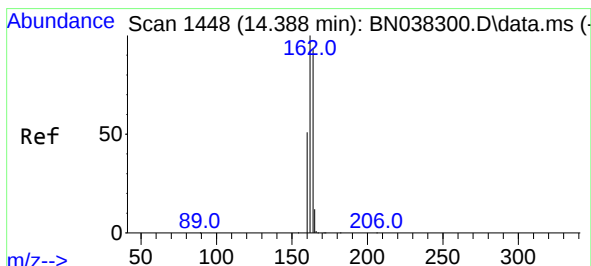
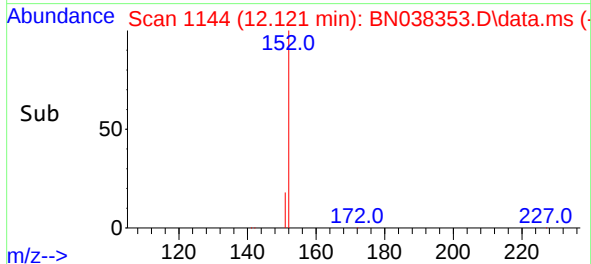
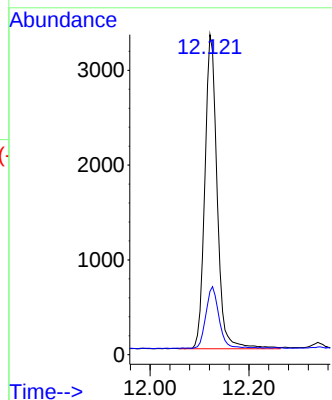
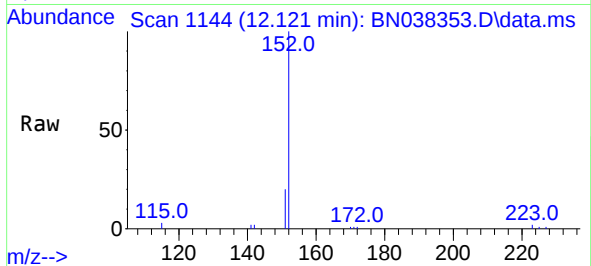




#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.121 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

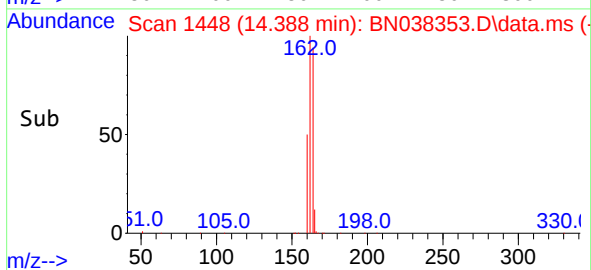
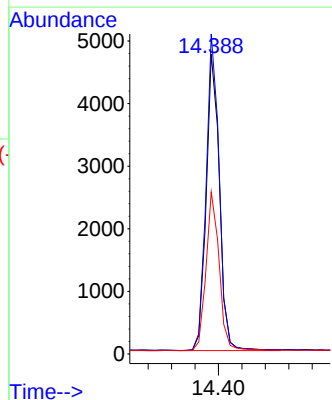
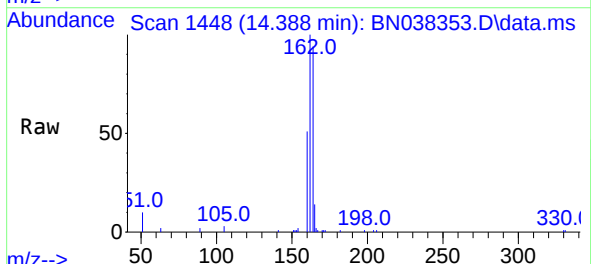
Instrument :
BNA_N
ClientSampleId :
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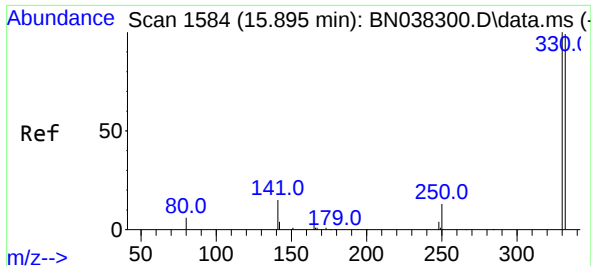
Tgt Ion:152 Resp: 5731
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Tgt Ion:164 Resp: 7464
Ion Ratio Lower Upper
164 100
162 106.7 86.2 129.4
160 54.0 44.6 67.0

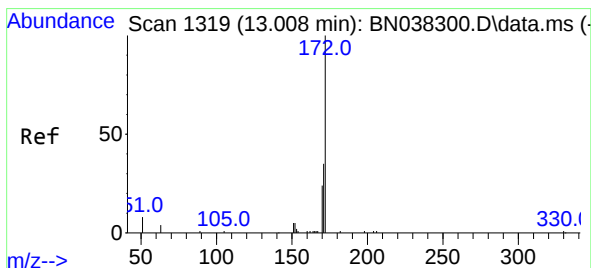
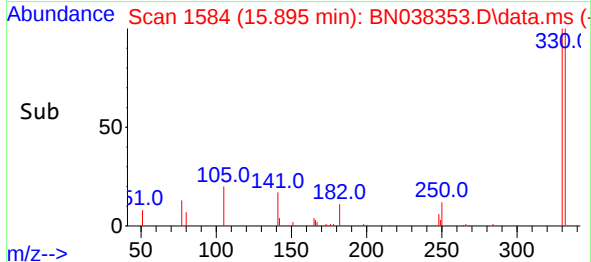
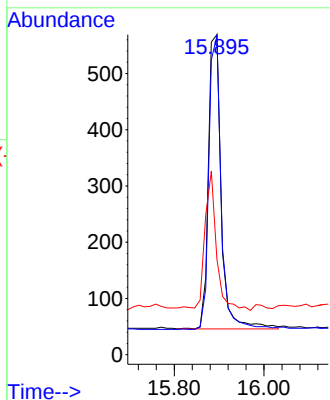
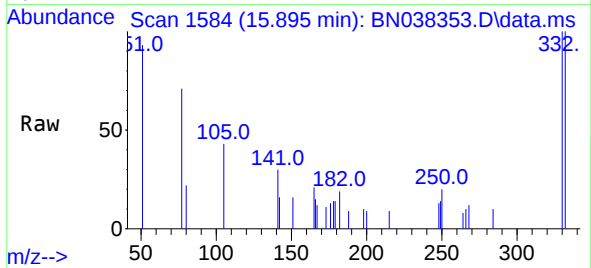




#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

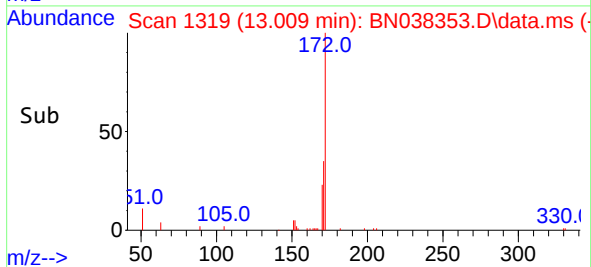
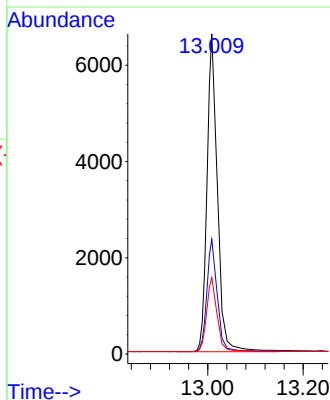
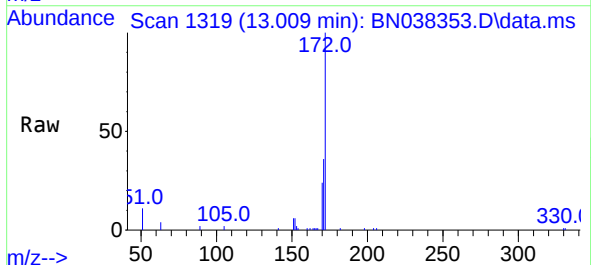
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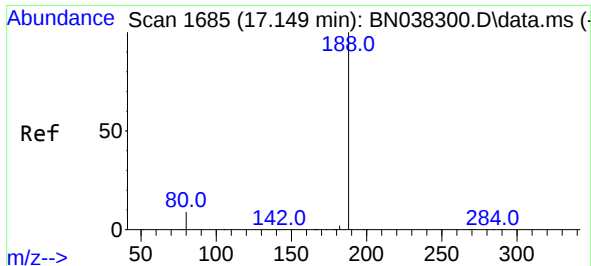
Tgt Ion:	330	Resp:	1031
Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.6
141	43.2	31.8	47.8



#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.009 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Tgt Ion:	172	Resp:	10939
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.8	19.3	28.9

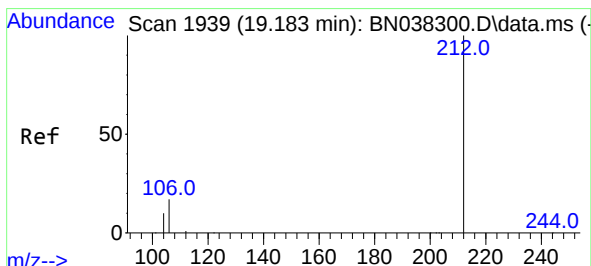
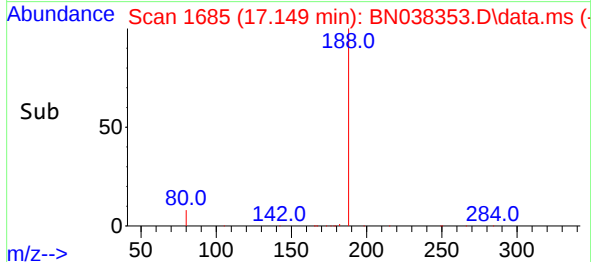
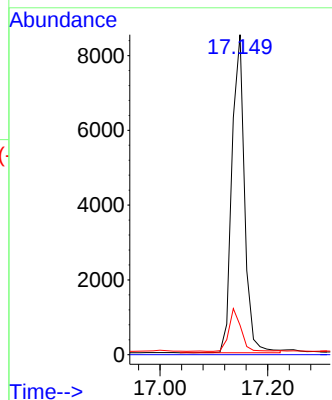
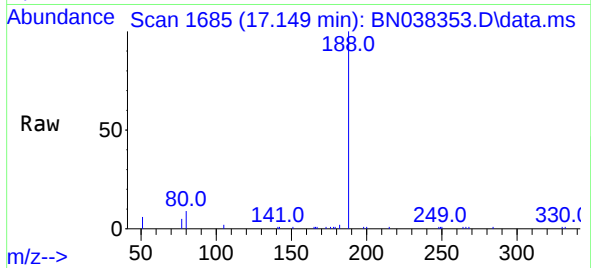




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

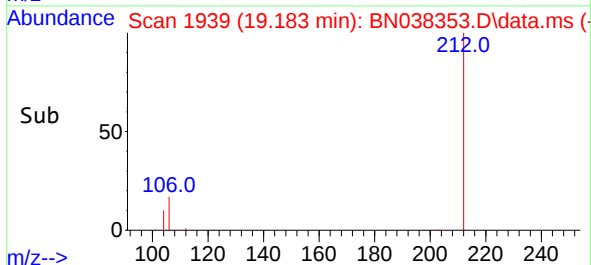
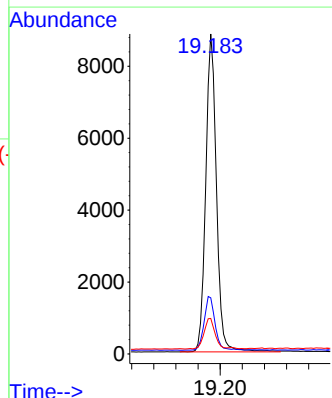
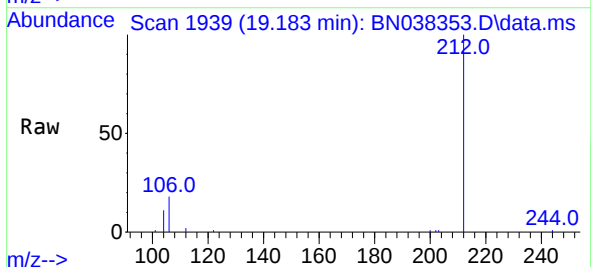
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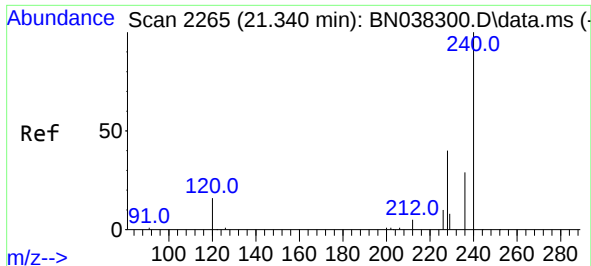
Tgt Ion:	188	Resp:	13817
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.0



#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Tgt Ion:	212	Resp:	11919
Ion	Ratio	Lower	Upper
212	100		
106	17.4	13.7	20.5
104	9.7	7.8	11.8

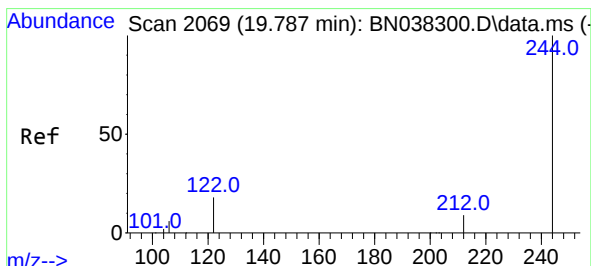
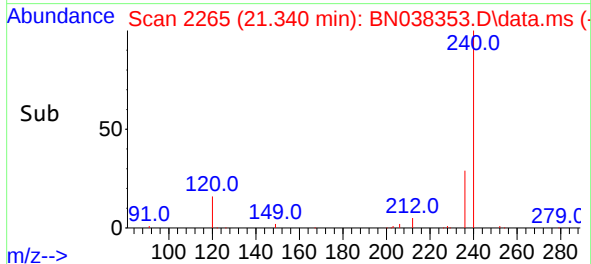
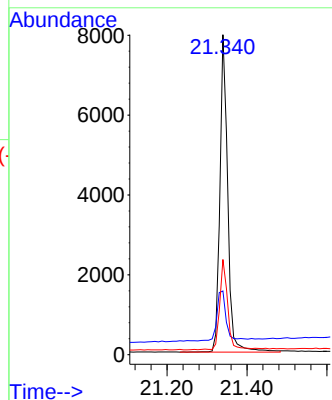
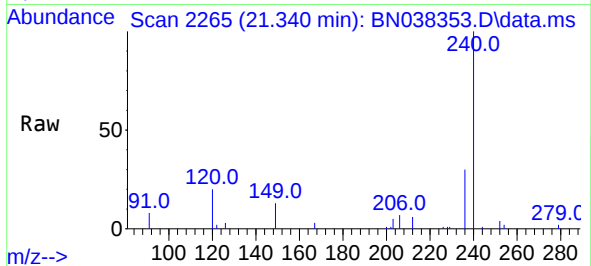




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

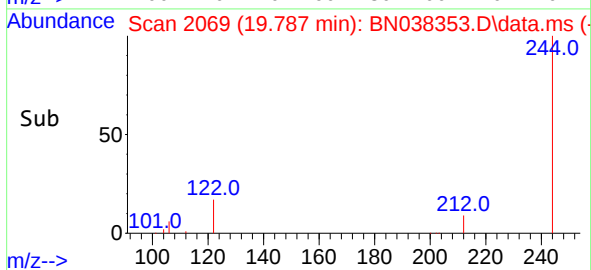
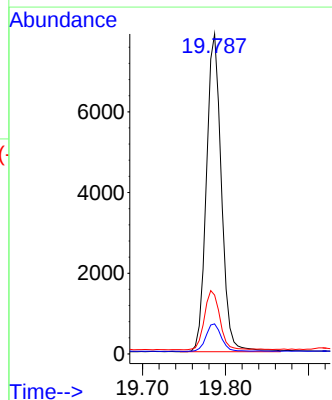
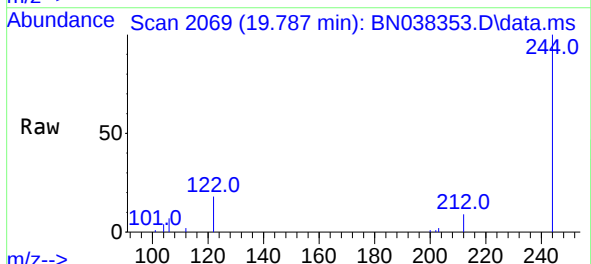
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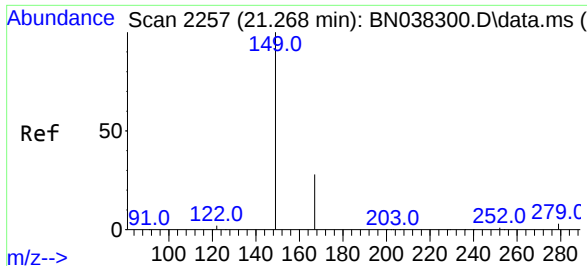
Tgt Ion:	240	Resp:	10745
Ion Ratio	Lower	Upper	
240	100		
120	19.9	15.4	23.2
236	29.8	23.9	35.9



#31
Terphenyl-d14
Concen: 0.414 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Tgt Ion:	244	Resp:	9920
Ion Ratio	Lower	Upper	
244	100		
212	9.4	7.9	11.9
122	18.4	15.0	22.6

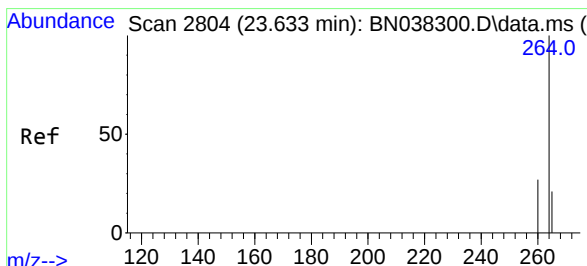
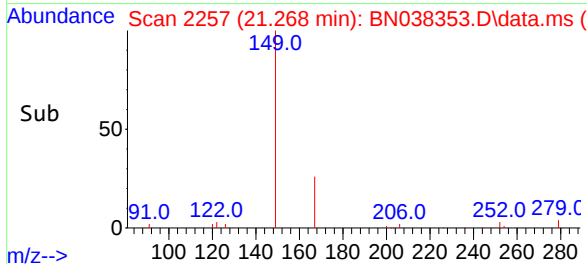
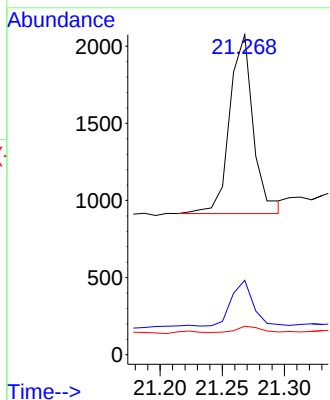
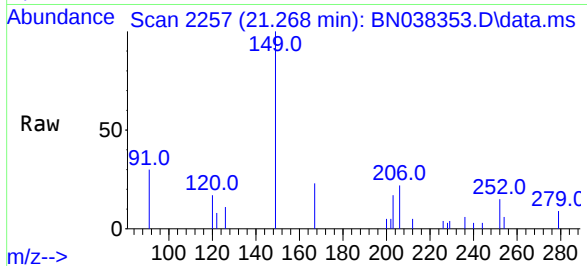




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-121025

Tgt Ion:149 Resp: 1538
Ion Ratio Lower Upper
149 100
167 23.3 21.4 32.0
279 4.0 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2803
Delta R.T. -0.003 min
Lab File: BN038353.D
Acq: 12 Dec 2025 16:02

Tgt Ion:264 Resp: 10756
Ion Ratio Lower Upper
264 100
260 28.0 22.2 33.2
265 102.1 80.2 120.2

