

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038355.D
 Acq On : 12 Dec 2025 17:14
 Operator : RC/JU
 Sample : Q3835-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-37.5-121025

Quant Time: Dec 12 17:39:32 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)

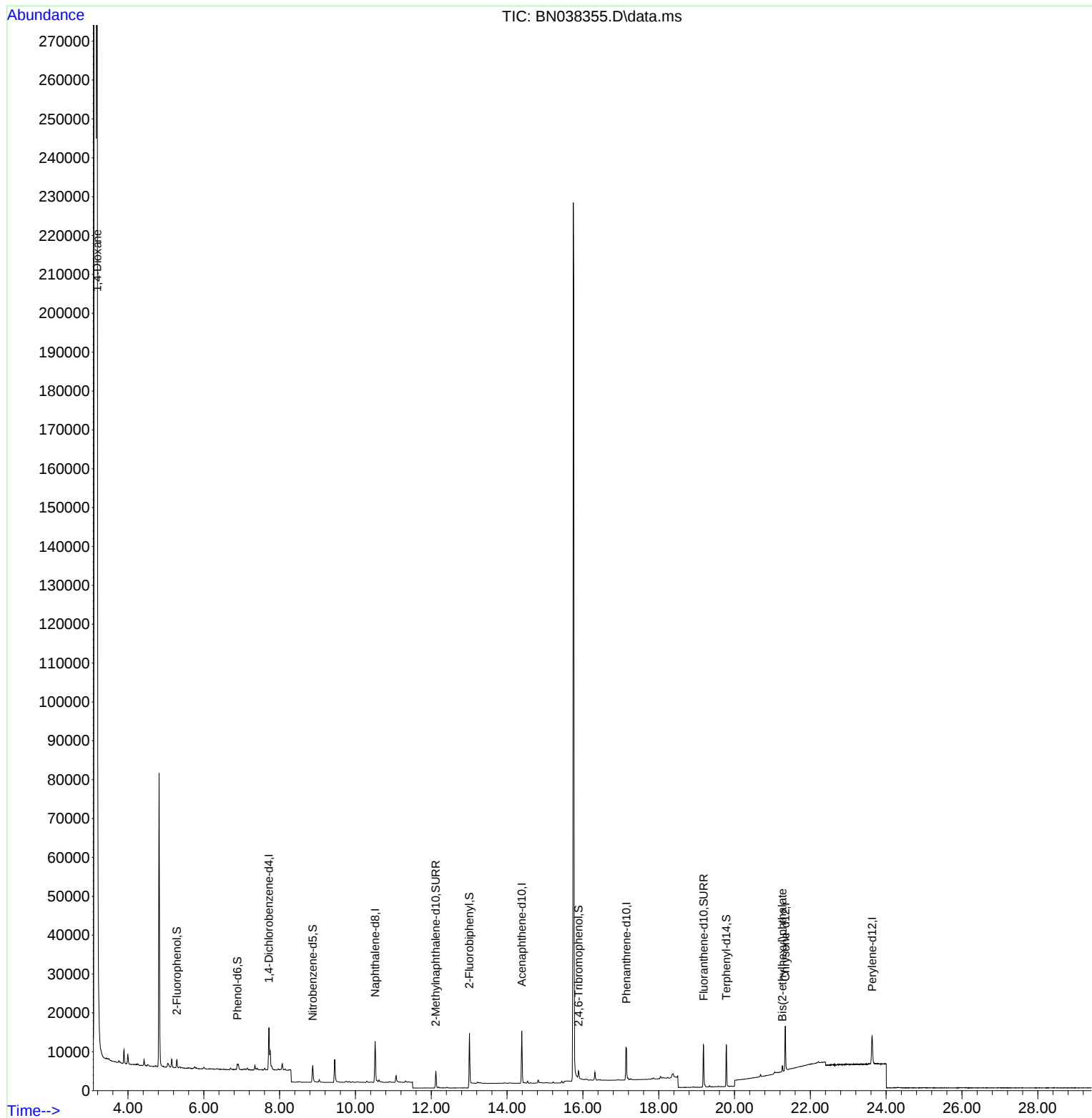
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5311	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	13964	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	7158	0.400	ng	-0.01
19) Phenanthrene-d10	17.148	188	13205	0.400	ng	0.00
29) Chrysene-d12	21.340	240	10477	0.400	ng	0.00
35) Perylene-d12	23.627	264	10454	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1727	0.131	ng	0.00
5) Phenol-d6	6.887	99	1239	0.079	ng	0.00
8) Nitrobenzene-d5	8.875	82	3884	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	6081	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	1099	0.346	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	12556	0.364	ng	0.00
27) Fluoranthene-d10	19.183	212	12019	0.368	ng	0.00
31) Terphenyl-d14	19.782	244	10184	0.436	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.189	88	168358	27.647	ng	98
34) Bis(2-ethylhexyl)phtha...	21.259	149	1673	0.075	ng	# 98

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

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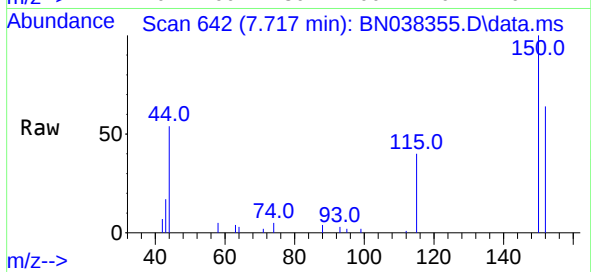
Quant Time: Dec 12 17:39:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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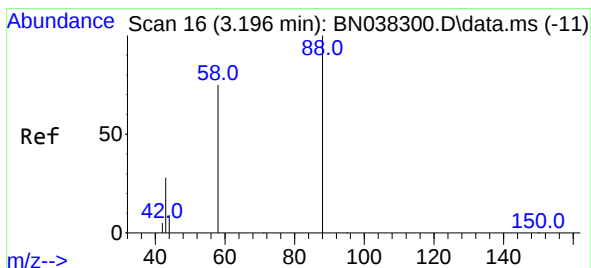
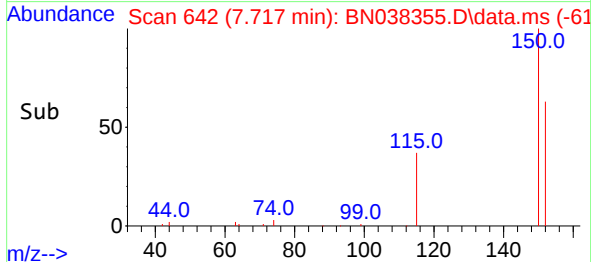
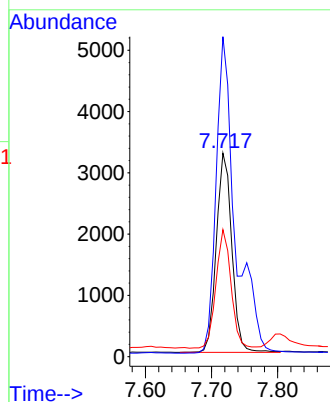


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-121025

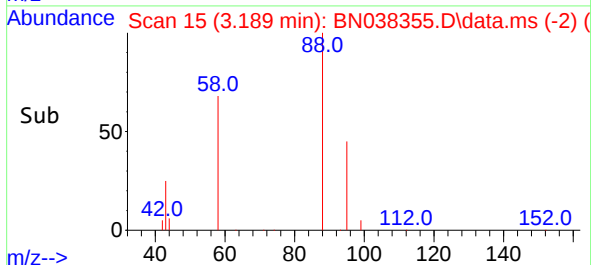
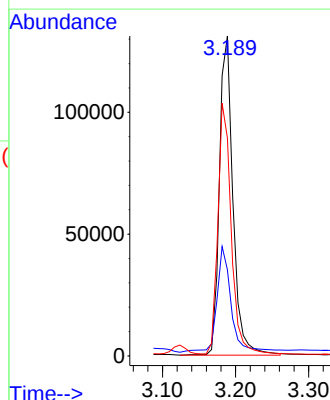
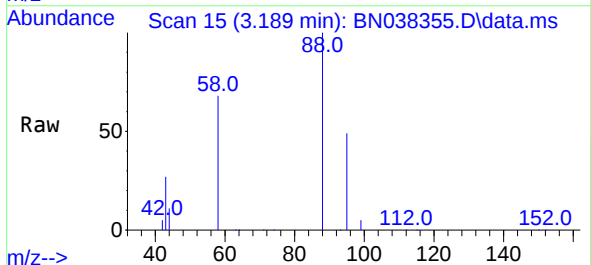


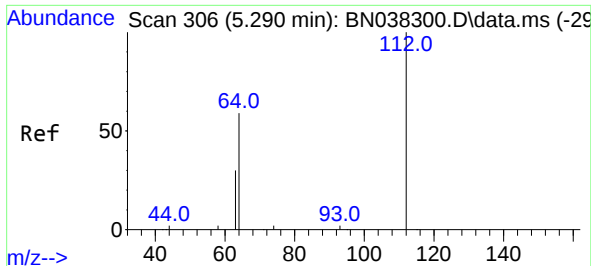
Tgt Ion:152 Resp: 5311
Ion Ratio Lower Upper
152 100
150 157.2 122.4 183.6
115 62.4 47.3 70.9



#2
1,4-Dioxane
Concen: 27.647 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Tgt Ion: 88 Resp: 168358
Ion Ratio Lower Upper
88 100
43 34.9 24.9 37.3
58 76.9 61.4 92.0

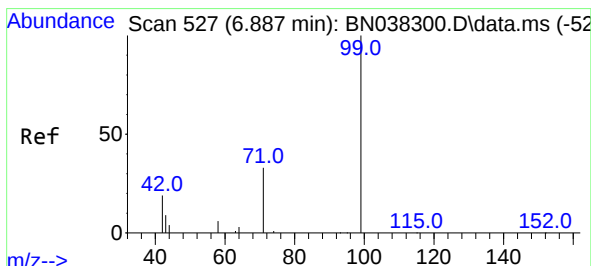
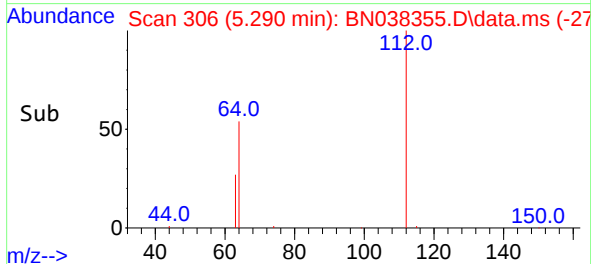
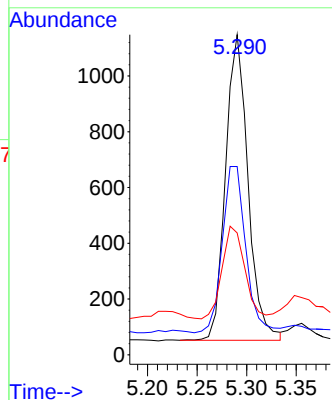
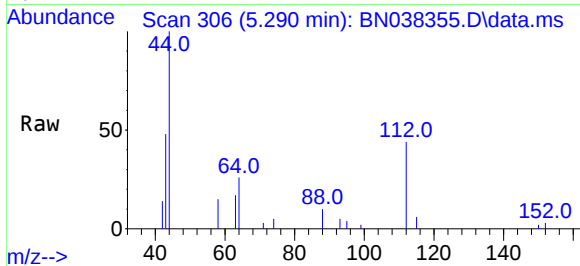




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.000 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

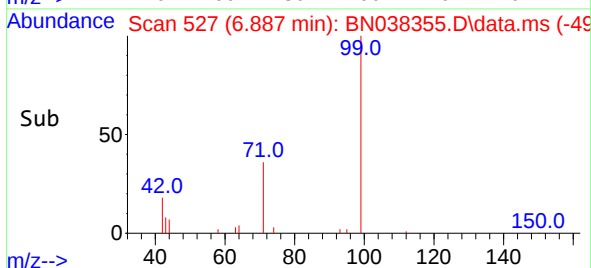
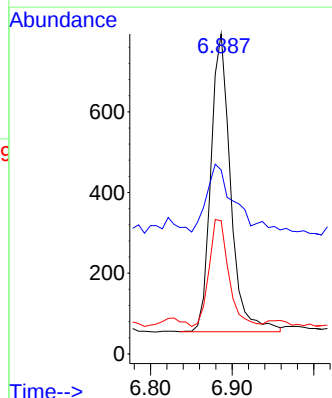
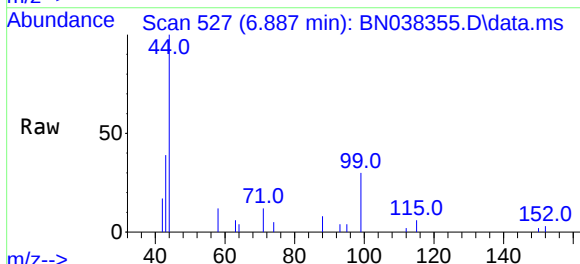
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-121025

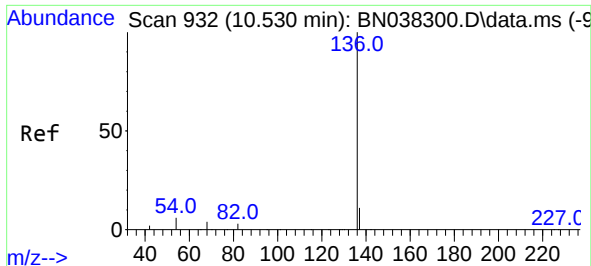
Tgt Ion:112 Resp: 1727
Ion Ratio Lower Upper
112 100
64 57.0 44.4 66.6
63 30.5 23.4 35.0



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Tgt Ion: 99 Resp: 1239
Ion Ratio Lower Upper
99 100
42 37.1 16.5 24.7#
71 36.0 24.9 37.3

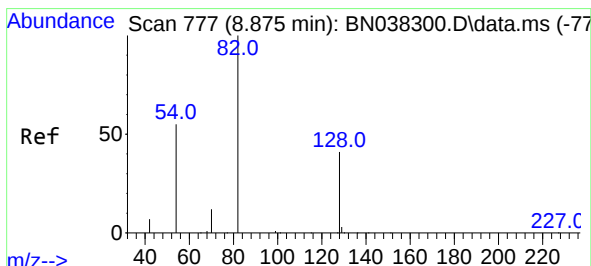
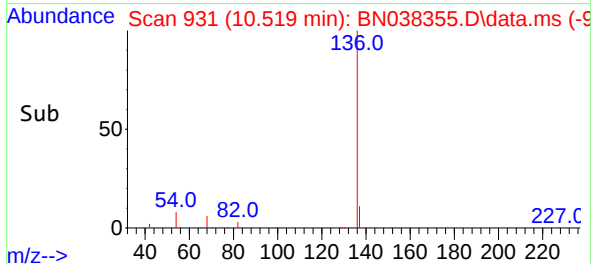
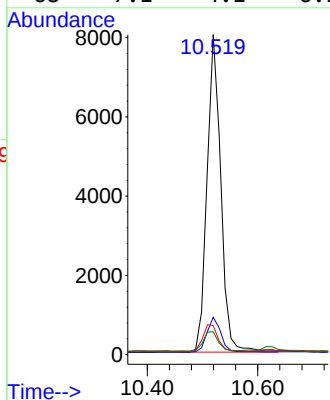
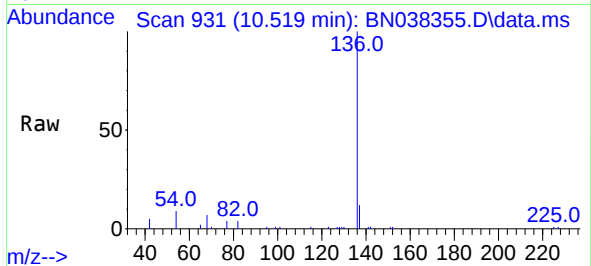




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

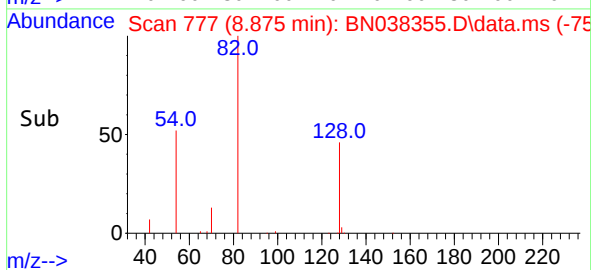
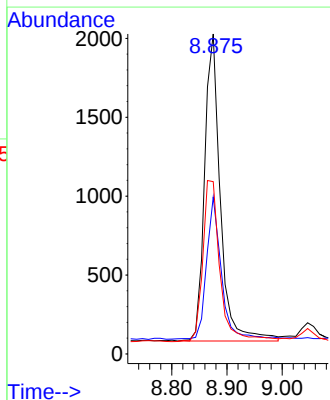
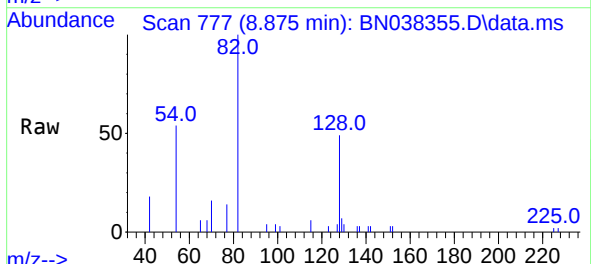
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-121025

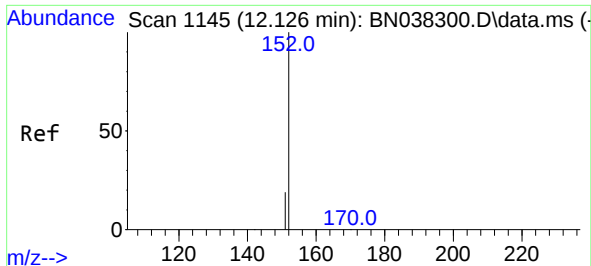
Tgt Ion:	136	Resp:	13964
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	9.1	5.2	7.8#
68	7.1	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Tgt Ion:	82	Resp:	3884
Ion Ratio	Lower	Upper	
82	100		
128	49.1	34.0	51.0
54	53.8	44.4	66.6

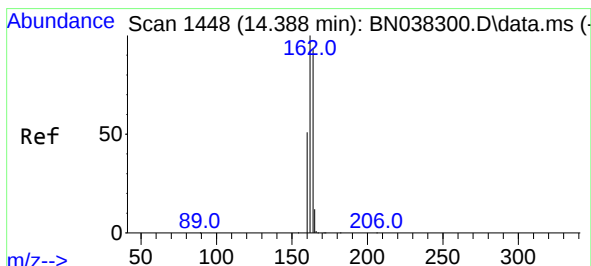
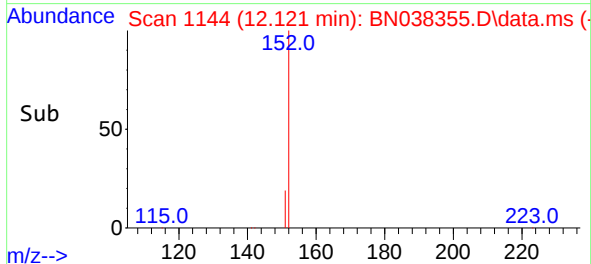
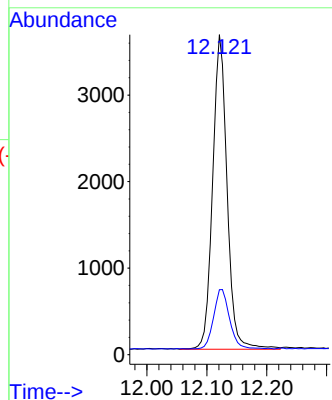
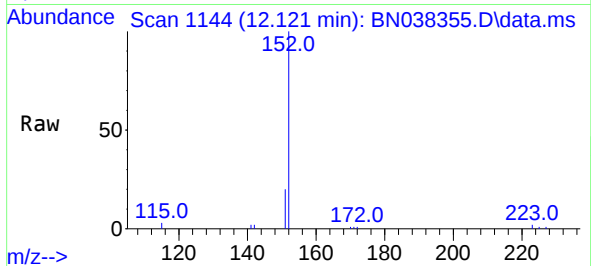




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.121 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

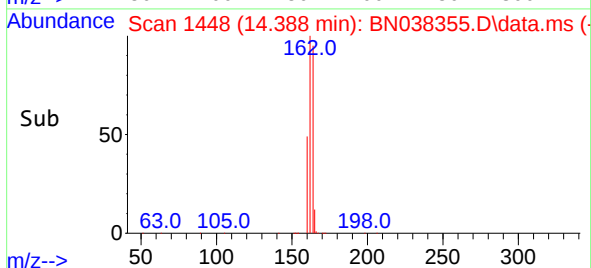
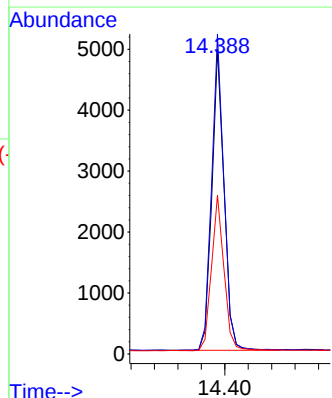
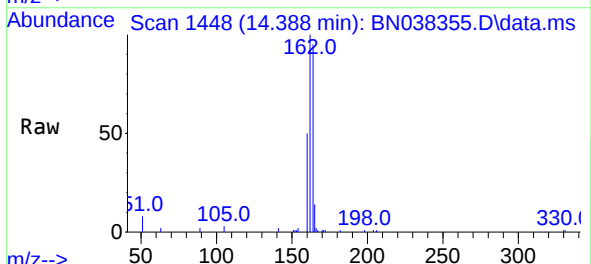
Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-121025

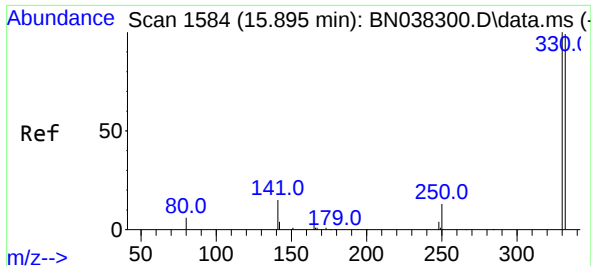
Tgt Ion:152 Resp: 6081
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

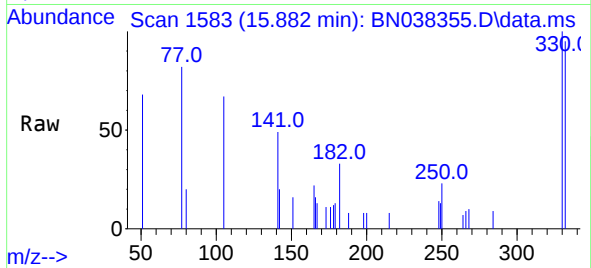
Tgt Ion:164 Resp: 7158
Ion Ratio Lower Upper
164 100
162 105.0 86.2 129.4
160 52.1 44.6 67.0



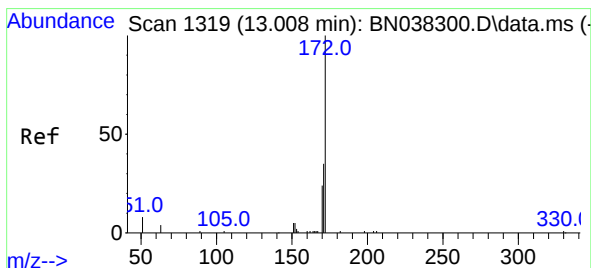
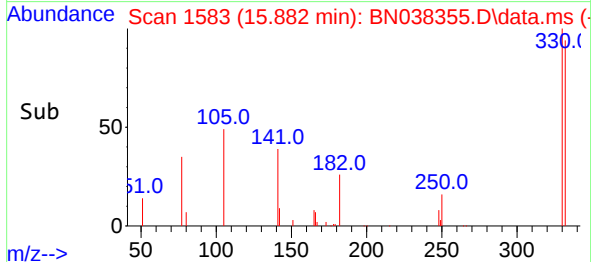
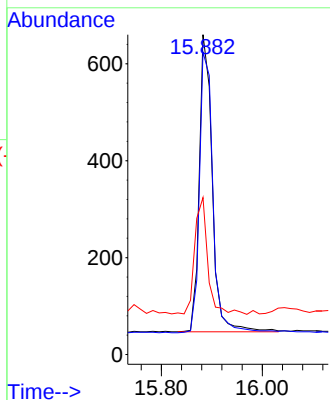


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-121025

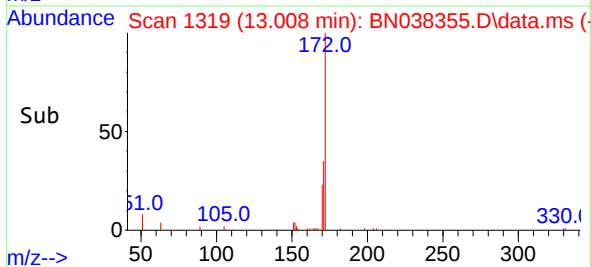
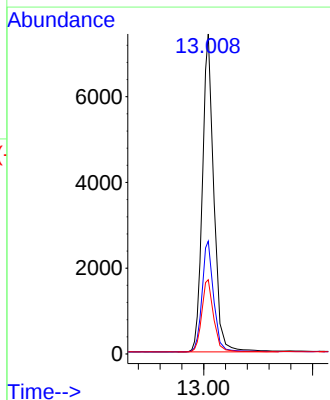
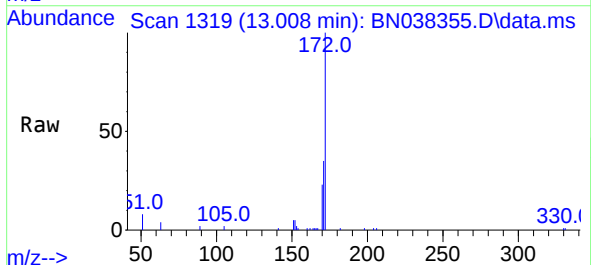


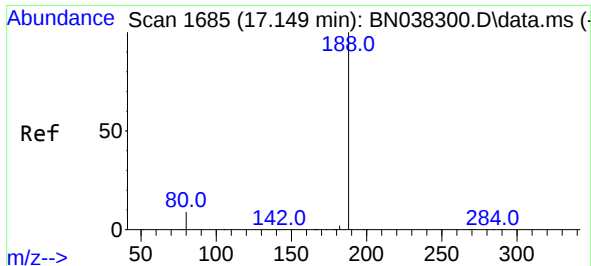
Tgt Ion:330 Resp: 1099
Ion Ratio Lower Upper
330 100
332 98.4 75.8 113.6
141 39.9 31.8 47.8



#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Tgt Ion:172 Resp: 12556
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 19.3 28.9

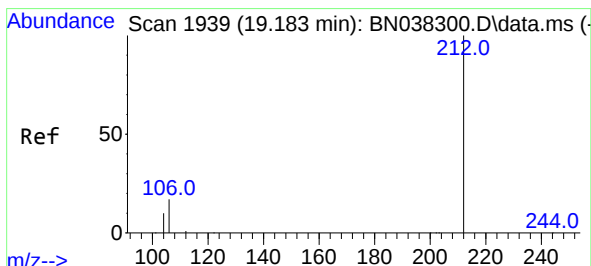
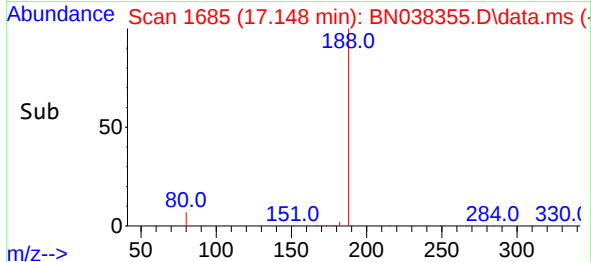
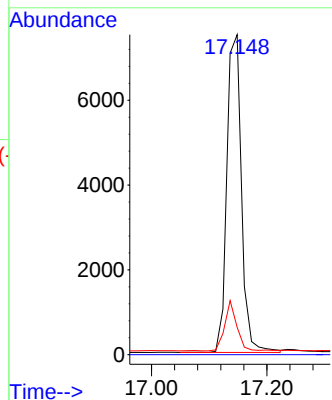
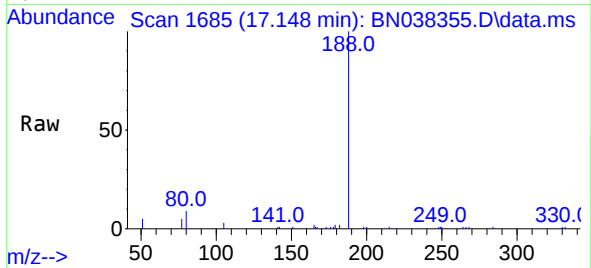




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

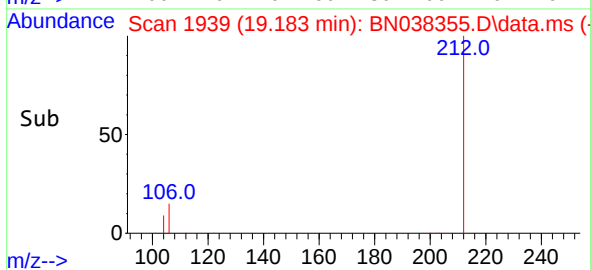
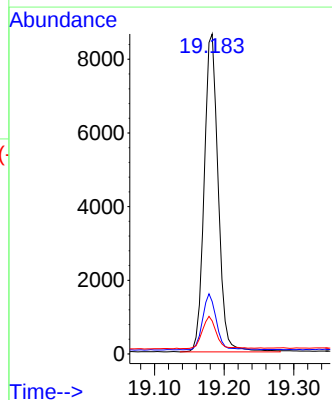
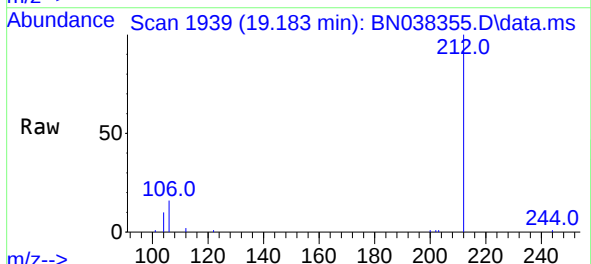
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ClientSampleId :
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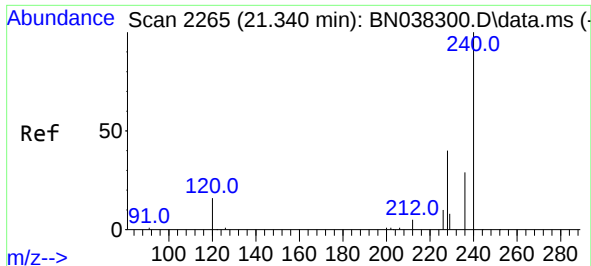
Tgt Ion:	188	Resp:	13205
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.5	7.4	11.0



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Tgt Ion:	212	Resp:	12019
Ion Ratio	Lower	Upper	
212	100		
106	17.4	13.7	20.5
104	10.1	7.8	11.8

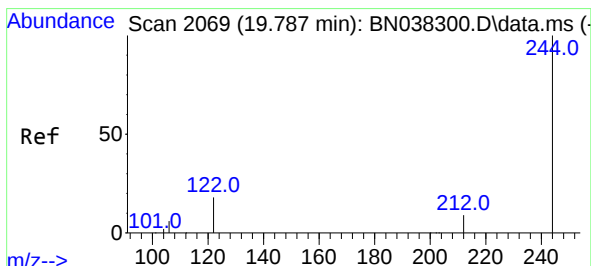
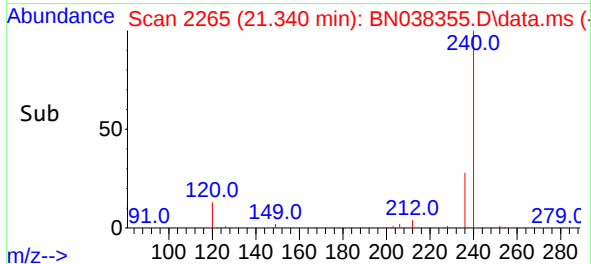
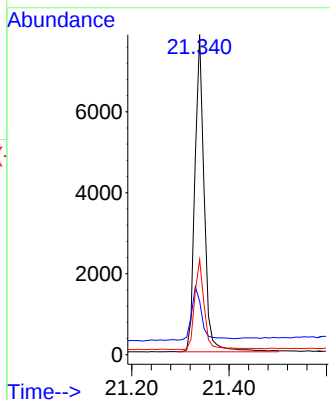
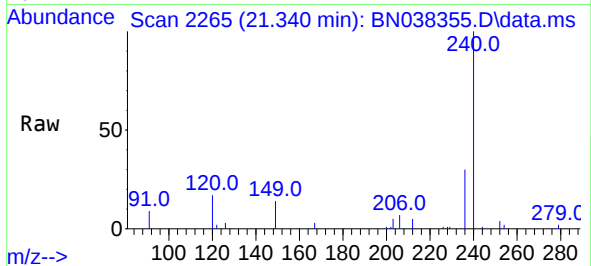




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

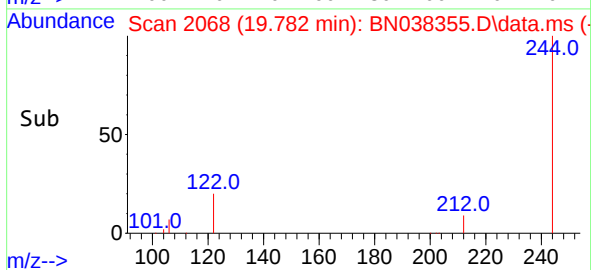
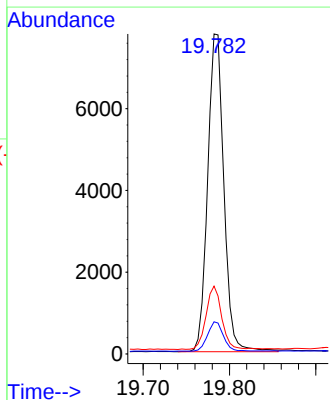
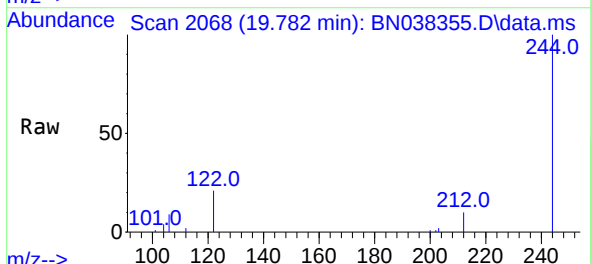
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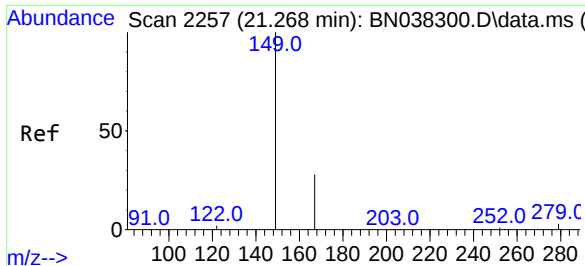
Tgt Ion:240	Resp:	10477
Ion	Ratio	Lower Upper
240	100	
120	16.7	15.4 23.2
236	29.7	23.9 35.9



#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Tgt Ion:244	Resp:	10184
Ion	Ratio	Lower Upper
244	100	
212	10.1	7.9 11.9
122	21.2	15.0 22.6

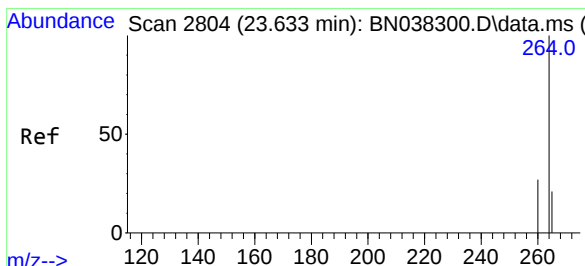
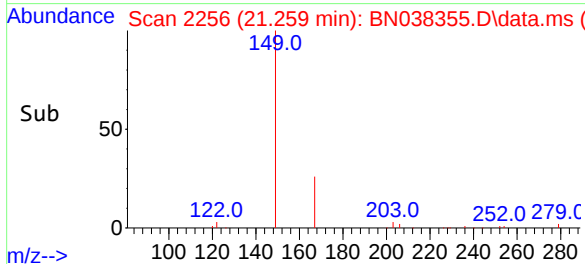
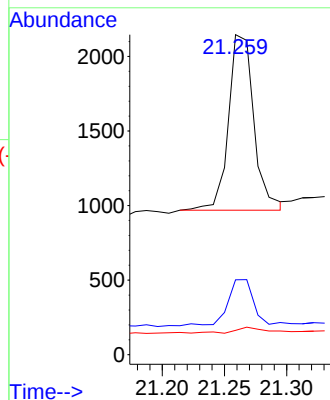
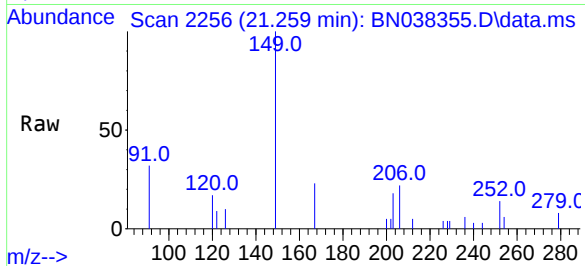




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.259 min Scan# 21256
Delta R.T. -0.009 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Instrument : BNA_N
ClientSampleId : MW-11B-37.5-121025

Tgt Ion:149 Resp: 1673
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 4.4 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.627 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BN038355.D
Acq: 12 Dec 2025 17:14

Tgt Ion:264 Resp: 10454
Ion Ratio Lower Upper
264 100
260 27.7 22.2 33.2
265 107.2 80.2 120.2

