

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038151.D
 Acq On : 07 Nov 2025 12:04
 Operator : RC/JU
 Sample : Q3534-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11

Quant Time: Nov 07 12:27:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

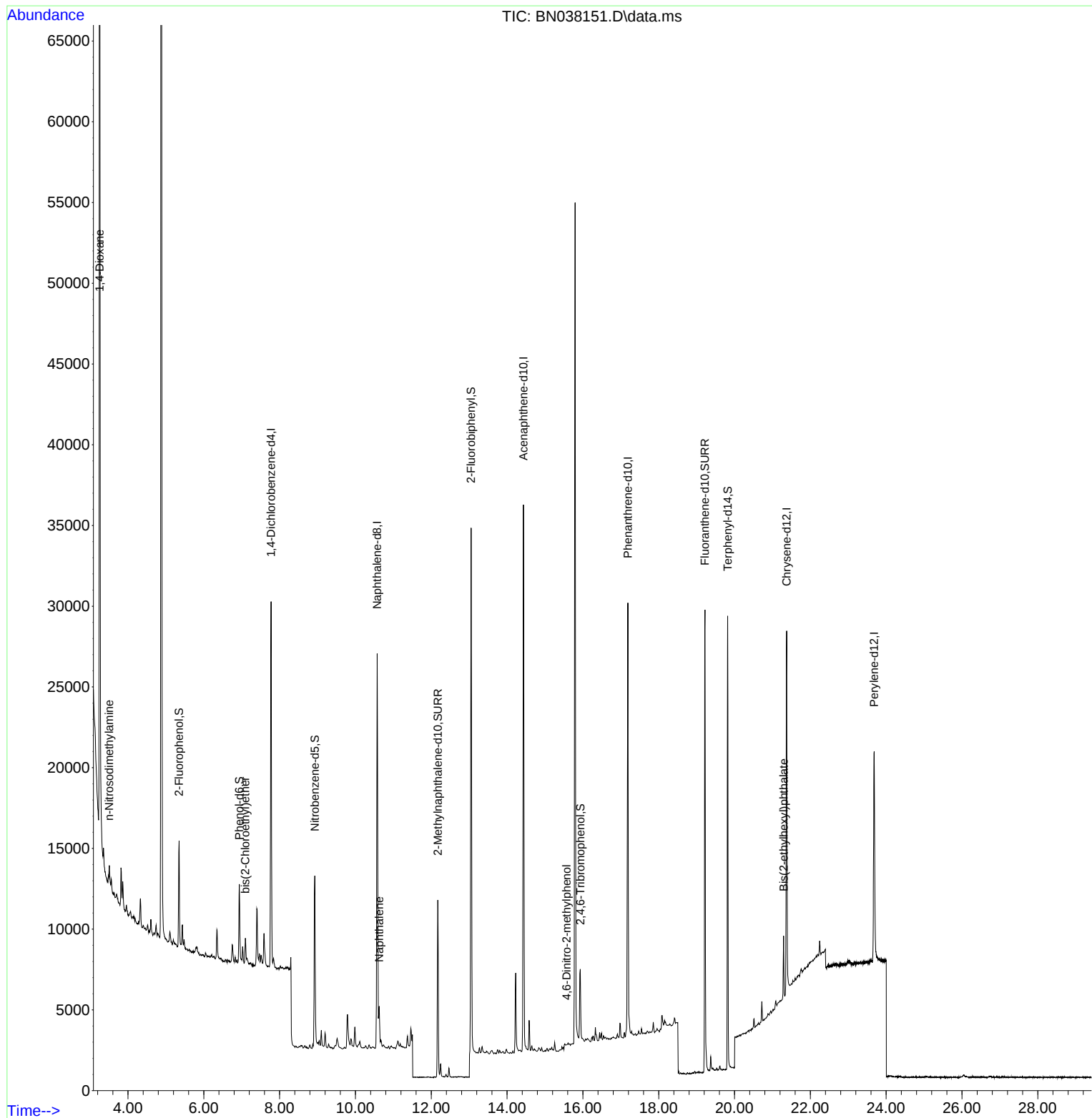
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	11126	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33175	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	19180	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	36543	0.400	ng	0.00
29) Chrysene-d12	21.375	240	22615	0.400	ng	0.00
35) Perylene-d12	23.683	264	19271	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5309	0.203	ng	0.00
5) Phenol-d6	6.937	99	4698	0.147	ng	0.00
8) Nitrobenzene-d5	8.929	82	9443	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	15411	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2834	0.359	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	28051	0.365	ng	0.00
27) Fluoranthene-d10	19.220	212	32559	0.353	ng	0.00
31) Terphenyl-d14	19.819	244	27148	0.553	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	58744	5.110	ng	98
3) n-Nitrosodimethylamine	3.507	42	357	0.024	ng	# 1
6) bis(2-Chloroethyl)ether	7.096	93	2615	0.083	ng	# 27
9) Naphthalene	10.626	128	3348	0.037	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.572	198	31	0.188	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	3628	0.085	ng	99

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

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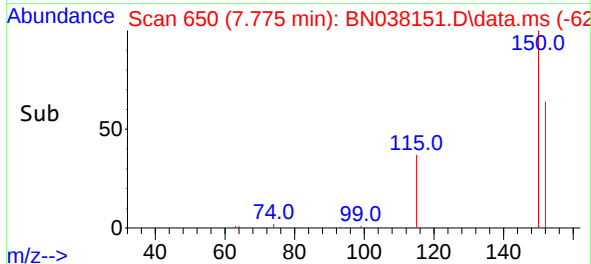
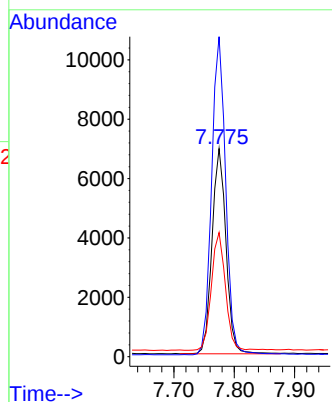
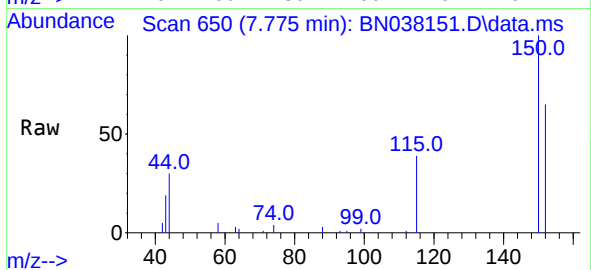




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

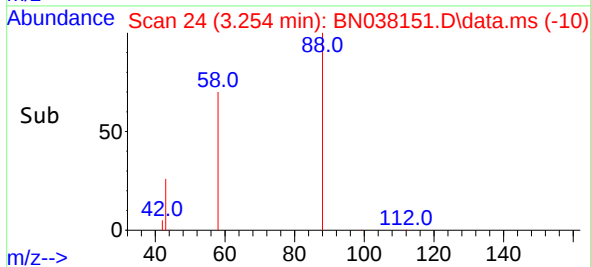
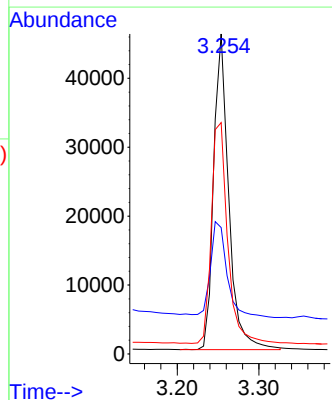
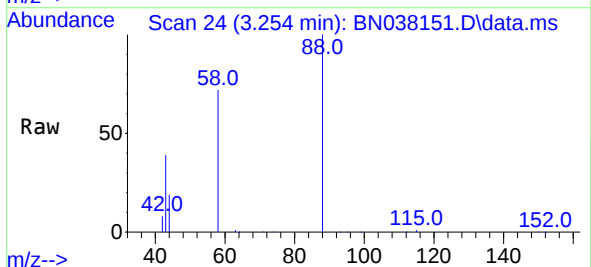
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MW-11

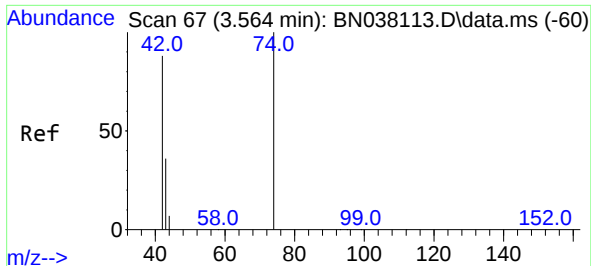
Tgt Ion:152 Resp: 11126
Ion Ratio Lower Upper
152 100
150 153.7 122.3 183.5
115 59.7 47.4 71.0



#2
1,4-Dioxane
Concen: 5.110 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion: 88 Resp: 58744
Ion Ratio Lower Upper
88 100
43 33.5 24.3 36.5
58 75.7 60.4 90.6

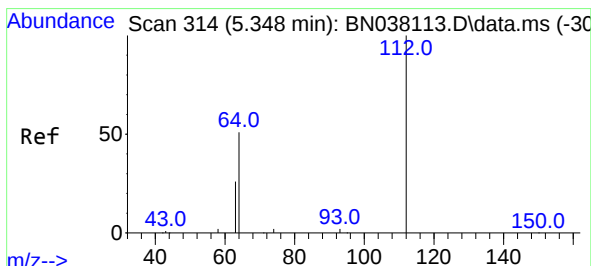
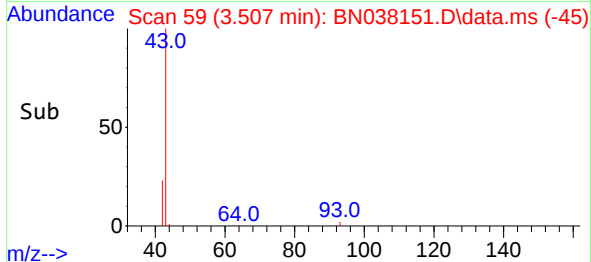
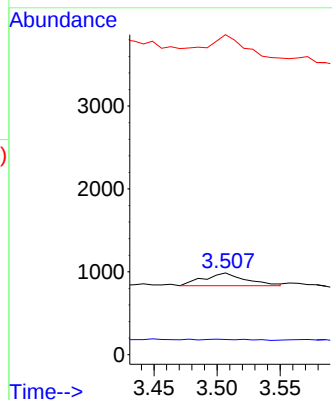
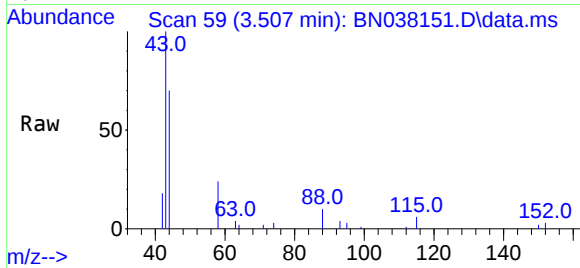




#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.507 min Scan# 59
Delta R.T. -0.051 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

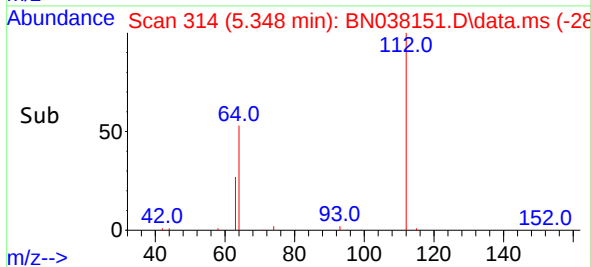
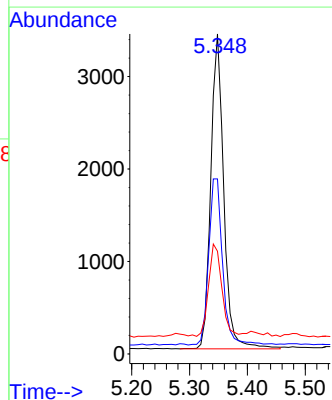
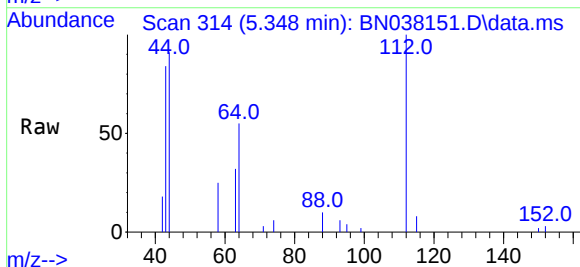
Instrument :
BNA_N
ClientSampleId :
MW-11

Tgt Ion: 42 Resp: 357
Ion Ratio Lower Upper
42 100
74 0.0 96.8 145.2#
44 122.7 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion: 112 Resp: 5309
Ion Ratio Lower Upper
112 100
64 56.8 45.4 68.0
63 30.7 23.2 34.8

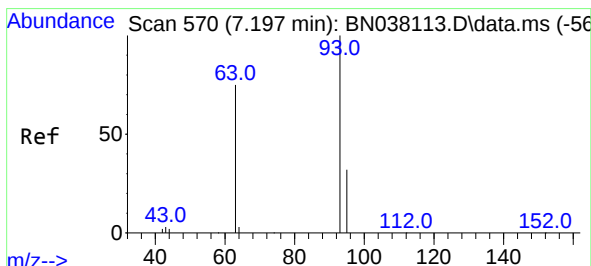
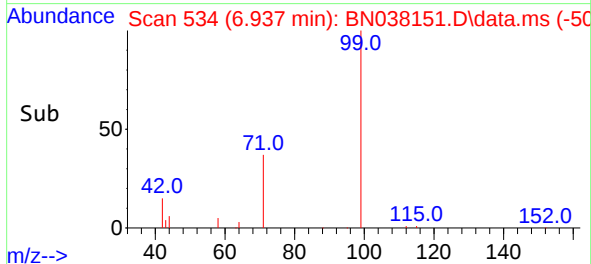
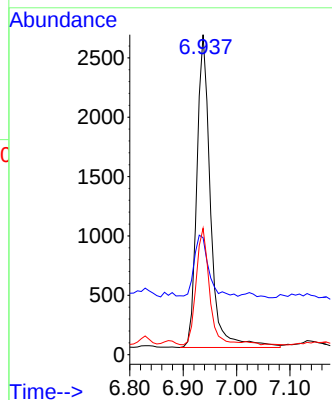
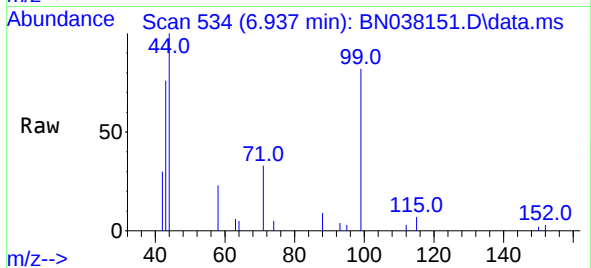




#5
Phenol-d6
Concen: 0.147 ng
RT: 6.937 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

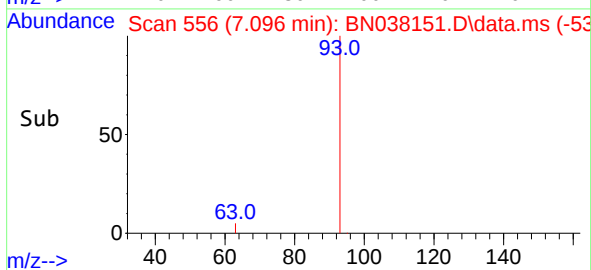
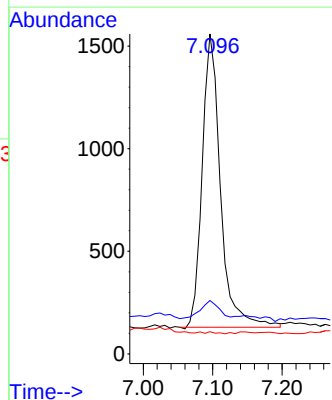
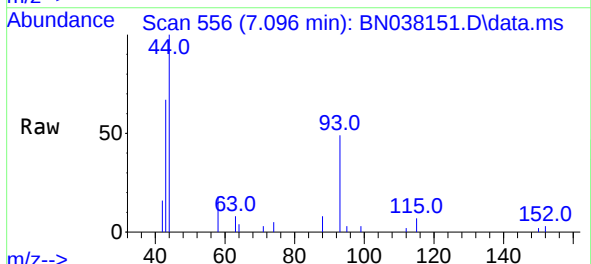
Instrument :
BNA_N
ClientSampleId :
MW-11

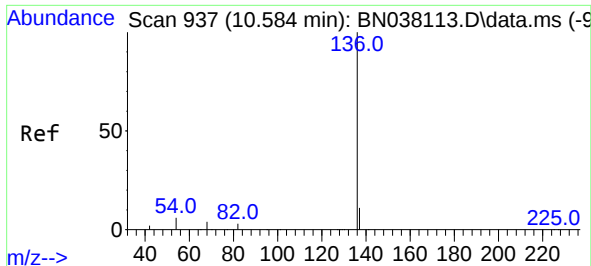
Tgt Ion: 99 Resp: 4698
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 35.9 25.4 38.2



#6
bis(2-Chloroethyl)ether
Concen: 0.083 ng
RT: 7.096 min Scan# 556
Delta R.T. -0.101 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion: 93 Resp: 2615
Ion Ratio Lower Upper
93 100
63 6.1 59.3 88.9#
95 0.1 25.2 37.8#

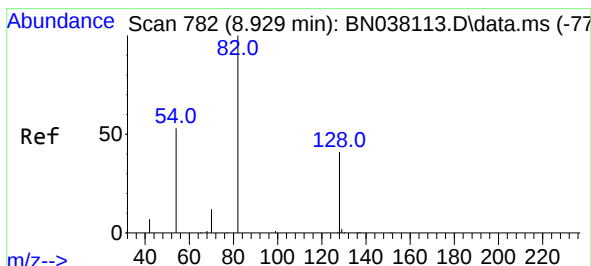
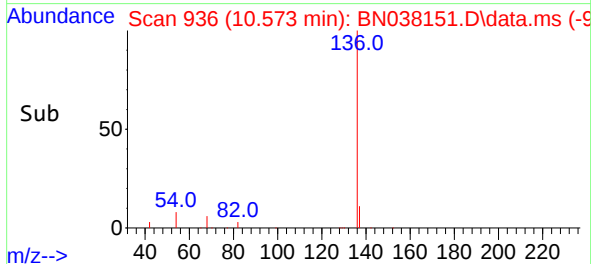
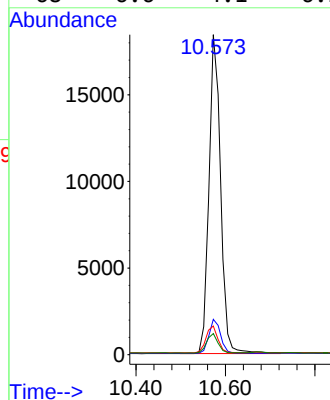
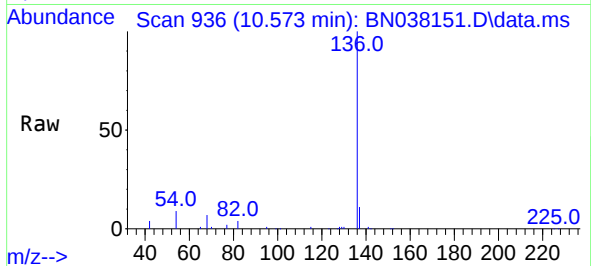




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

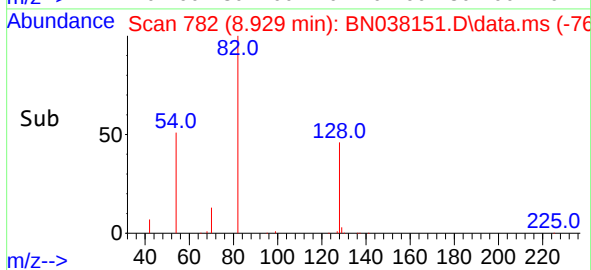
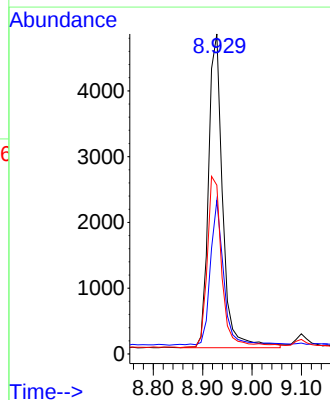
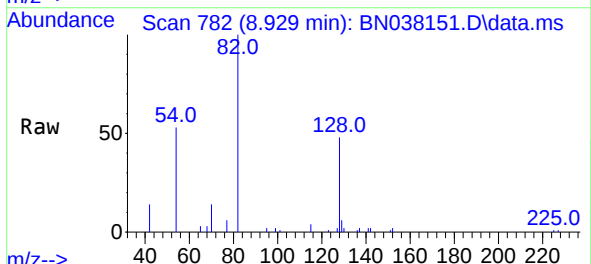
Instrument :
BNA_N
ClientSampleId :
MW-11

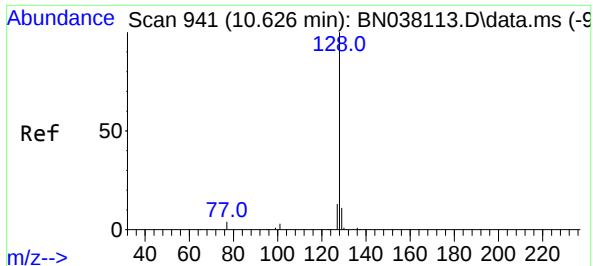
Tgt Ion:	136	Resp:	33175
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.9	5.2	7.8#
68	6.6	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:	82	Resp:	9443
Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.1	51.1
54	52.8	43.5	65.3

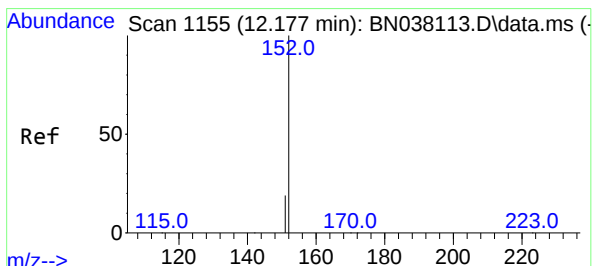
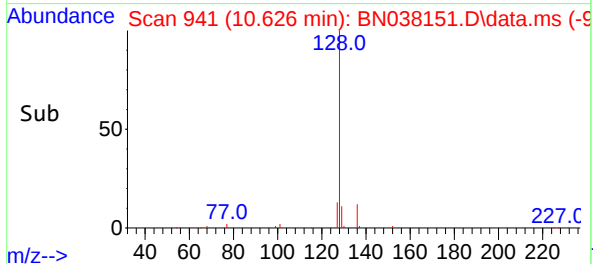
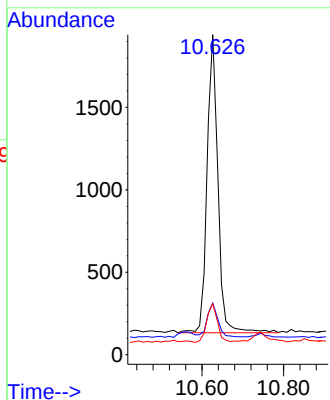
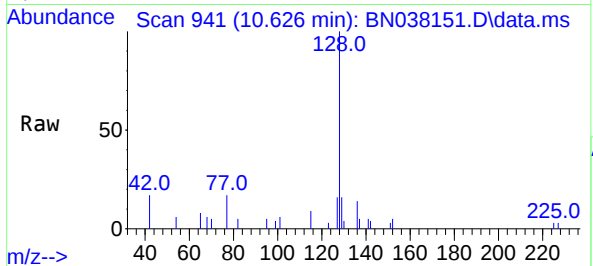




#9
Naphthalene
Concen: 0.037 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

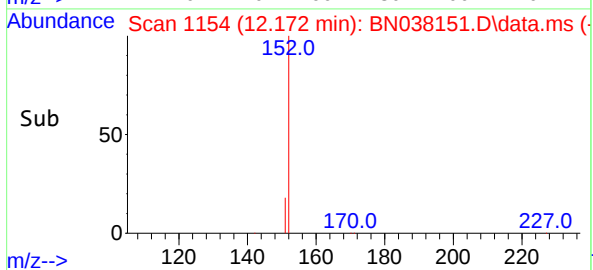
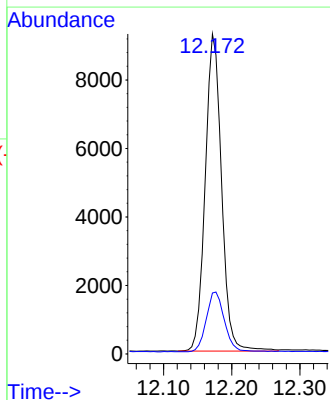
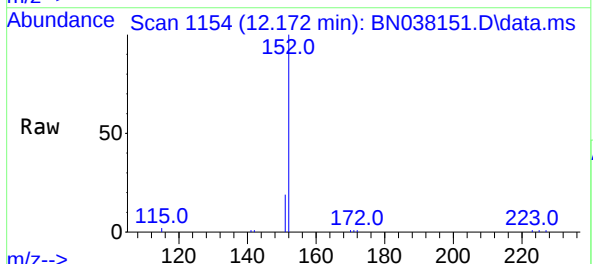
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ClientSampleId :
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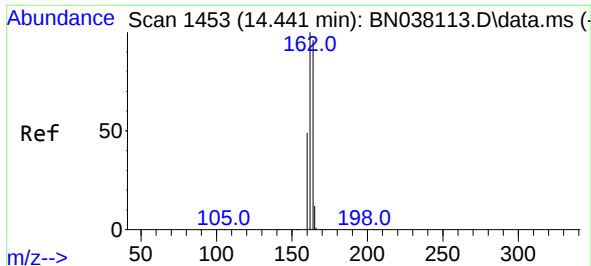
Tgt Ion:128 Resp: 3348
Ion Ratio Lower Upper
128 100
129 16.1 9.1 13.7#
127 15.9 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:152 Resp: 15411
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2

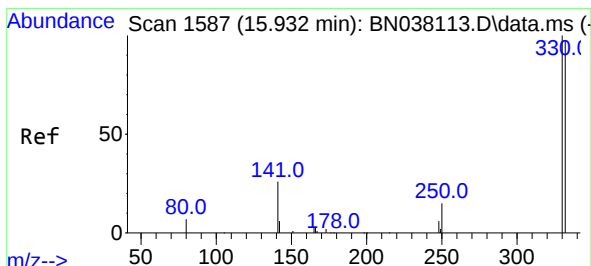
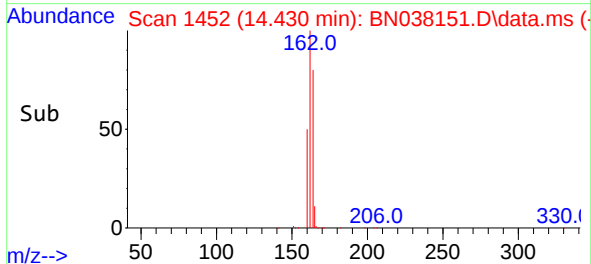
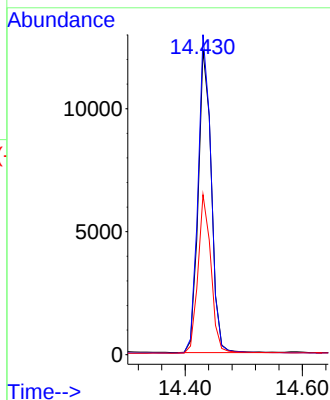
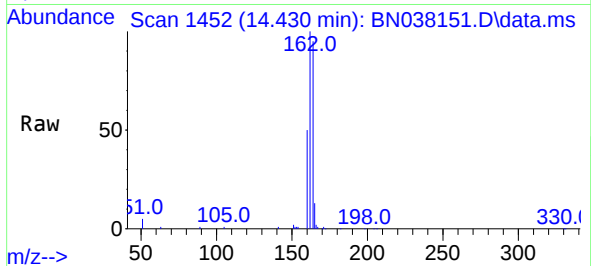




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

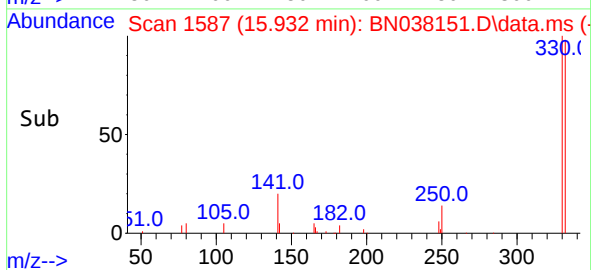
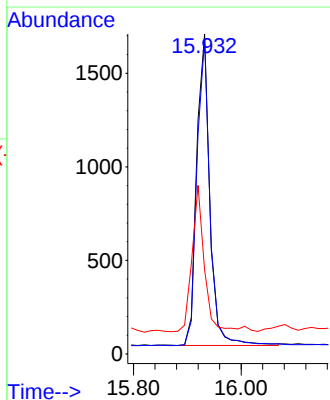
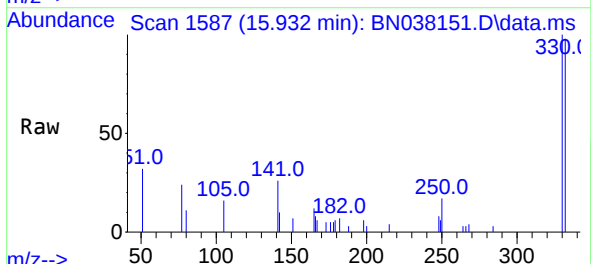
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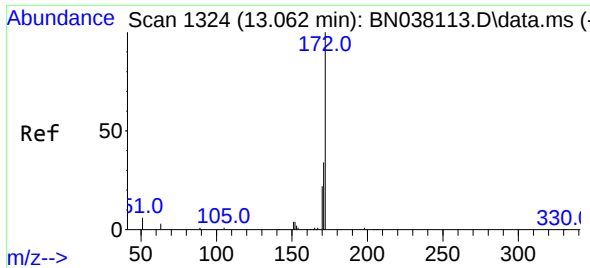
Tgt Ion:164 Resp: 19180
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.4
160 52.5 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:330 Resp: 2834
Ion Ratio Lower Upper
330 100
332 97.9 76.6 114.8
141 43.6 34.1 51.1

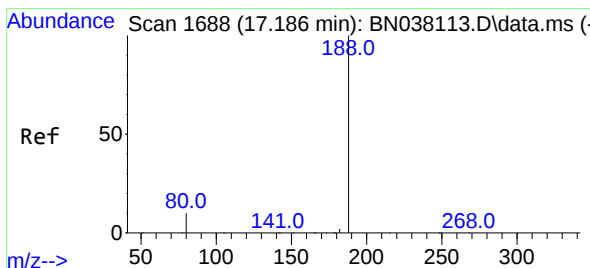
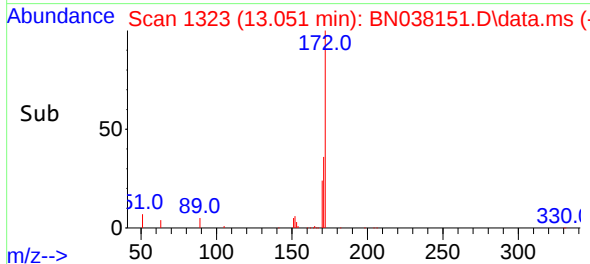
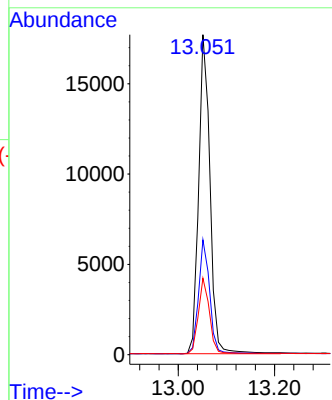
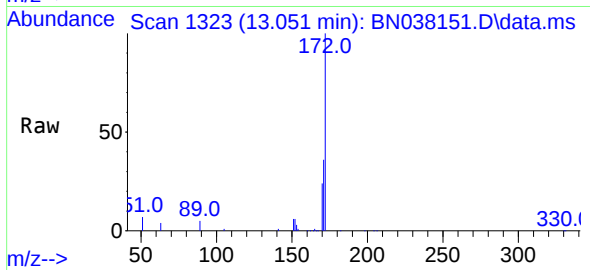




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

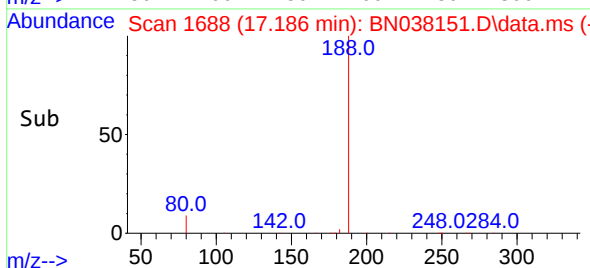
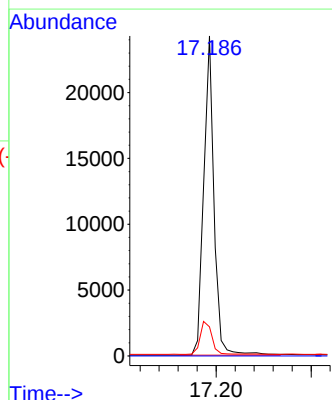
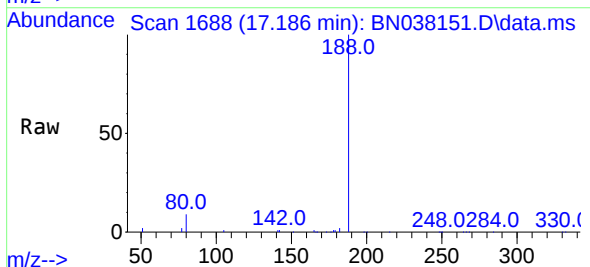
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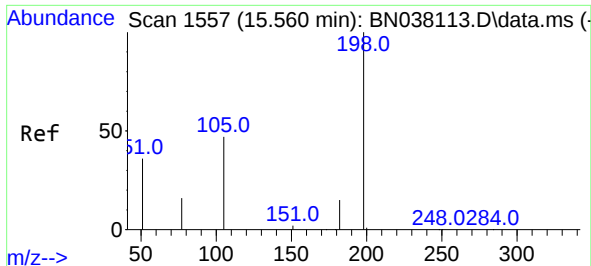
Tgt Ion:	172	Resp:	28051
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	23.9	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:	188	Resp:	36543
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	8.6	13.0

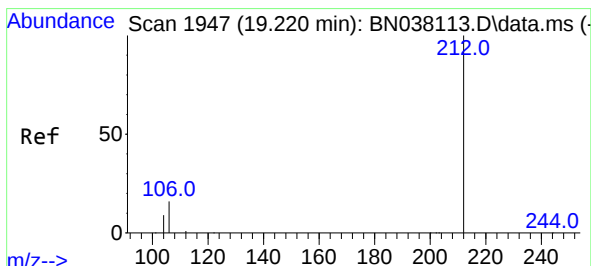
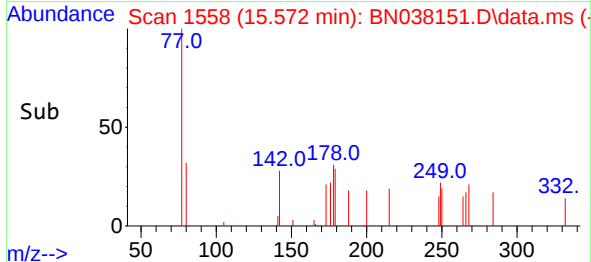
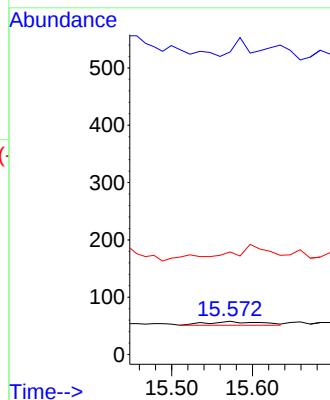
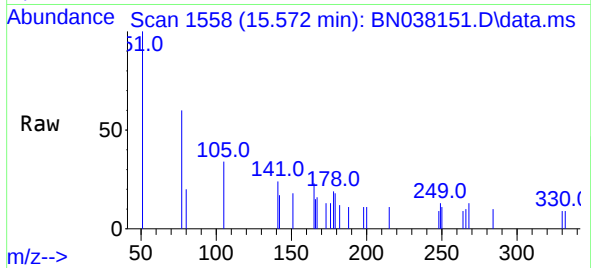




#20
4,6-Dinitro-2-methylphenol
Concen: 0.188 ng
RT: 15.572 min Scan# 1558
Delta R.T. 0.012 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

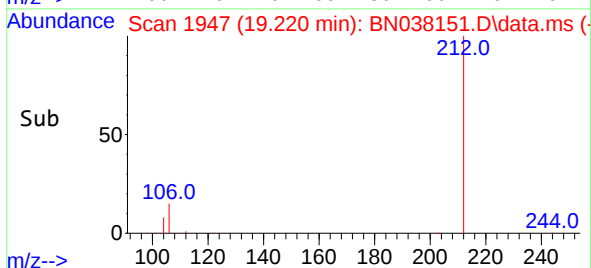
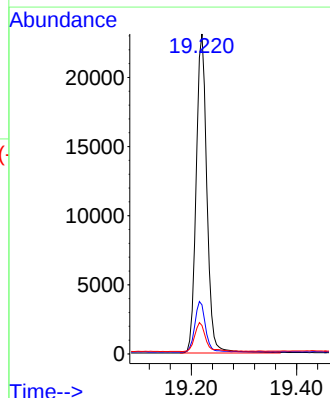
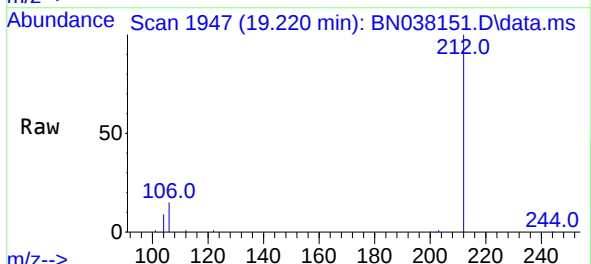
Instrument :
BNA_N
ClientSampleId :
MW-11

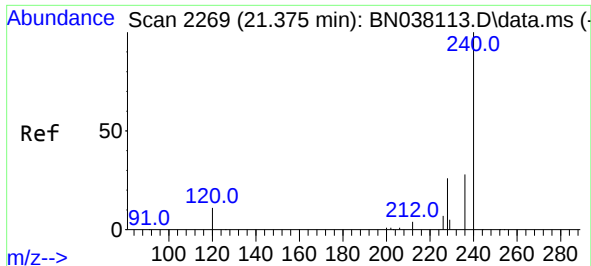
Tgt Ion:198 Resp: 31
Ion Ratio Lower Upper
198 100
51 910.3 88.9 133.3#
105 308.6 49.2 73.8#



#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:212 Resp: 32559
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.4 7.1 10.7

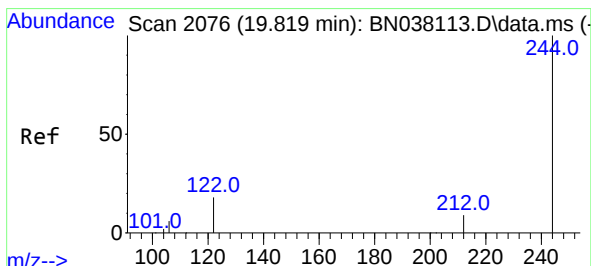
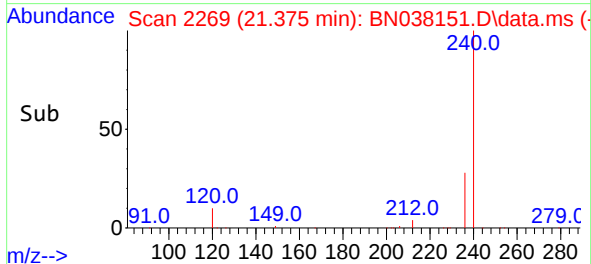
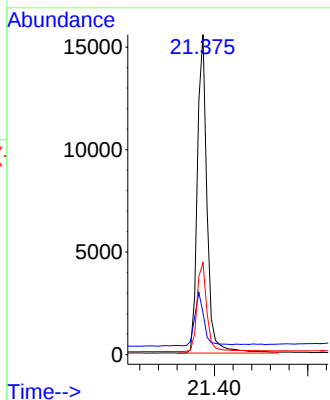
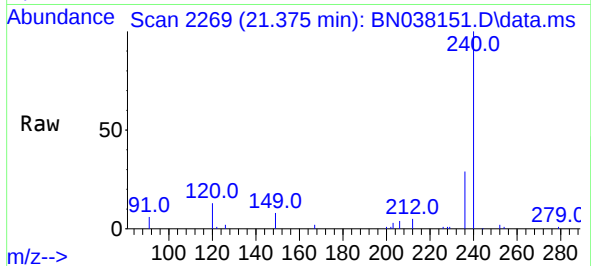




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

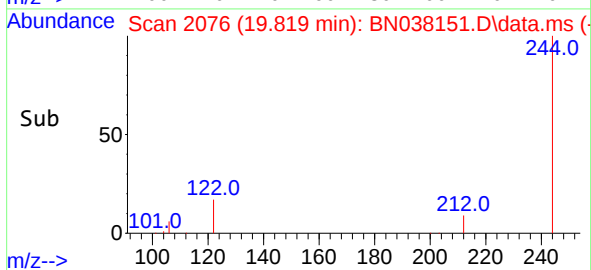
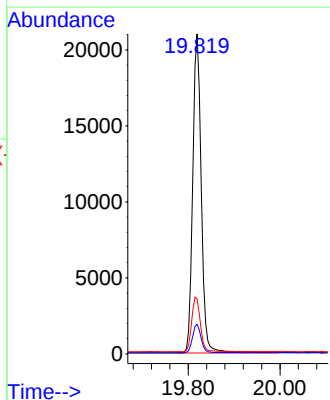
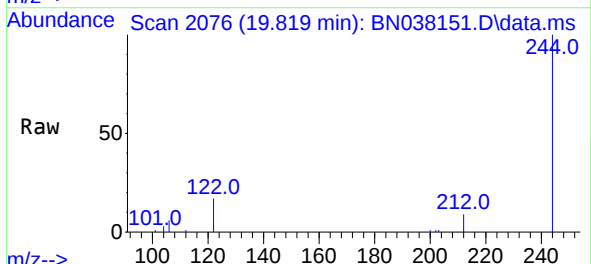
Instrument :
BNA_N
ClientSampleId :
MW-11

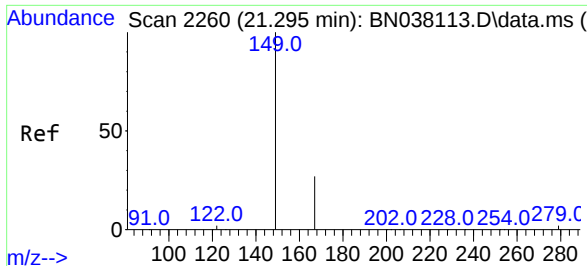
Tgt Ion:240 Resp: 22615
Ion Ratio Lower Upper
240 100
120 13.0 10.7 16.1
236 28.8 23.1 34.7



#31
Terphenyl-d14
Concen: 0.553 ng
RT: 19.819 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BN038151.D
Acq: 07 Nov 2025 12:04

Tgt Ion:244 Resp: 27148
Ion Ratio Lower Upper
244 100
212 9.3 7.8 11.6
122 17.2 15.2 22.8

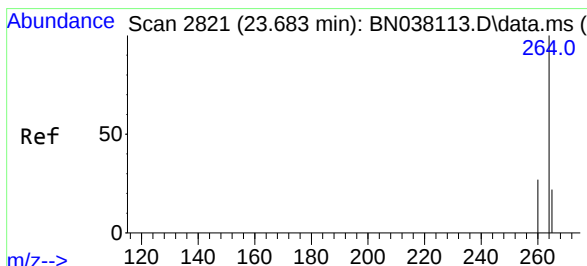
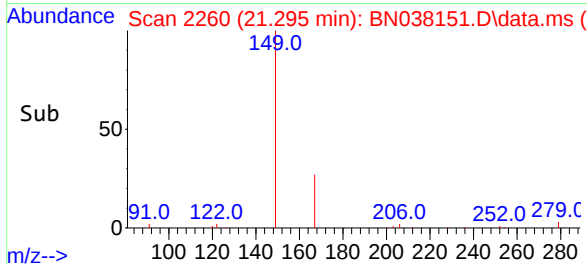
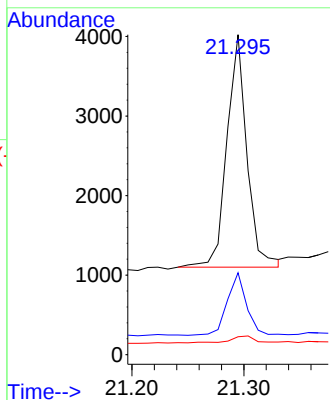
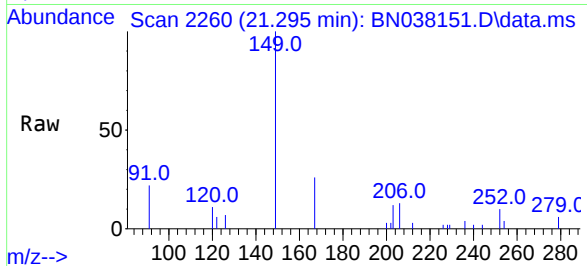




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.295 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BN038151.D
 Acq: 07 Nov 2025 12:04

Instrument :
 BNA_N
 ClientSampleId :
 MW-11

Tgt Ion:149 Resp: 3628
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.1 31.7
 279 3.5 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.683 min Scan# 2821
 Delta R.T. 0.003 min
 Lab File: BN038151.D
 Acq: 07 Nov 2025 12:04

Tgt Ion:264 Resp: 19271
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.8 32.8
 265 78.1 68.6 102.8

