

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038171.D
 Acq On : 08 Nov 2025 01:57
 Operator : RC/JU
 Sample : Q3534-03DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11DL

Quant Time: Nov 08 03:29:20 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)

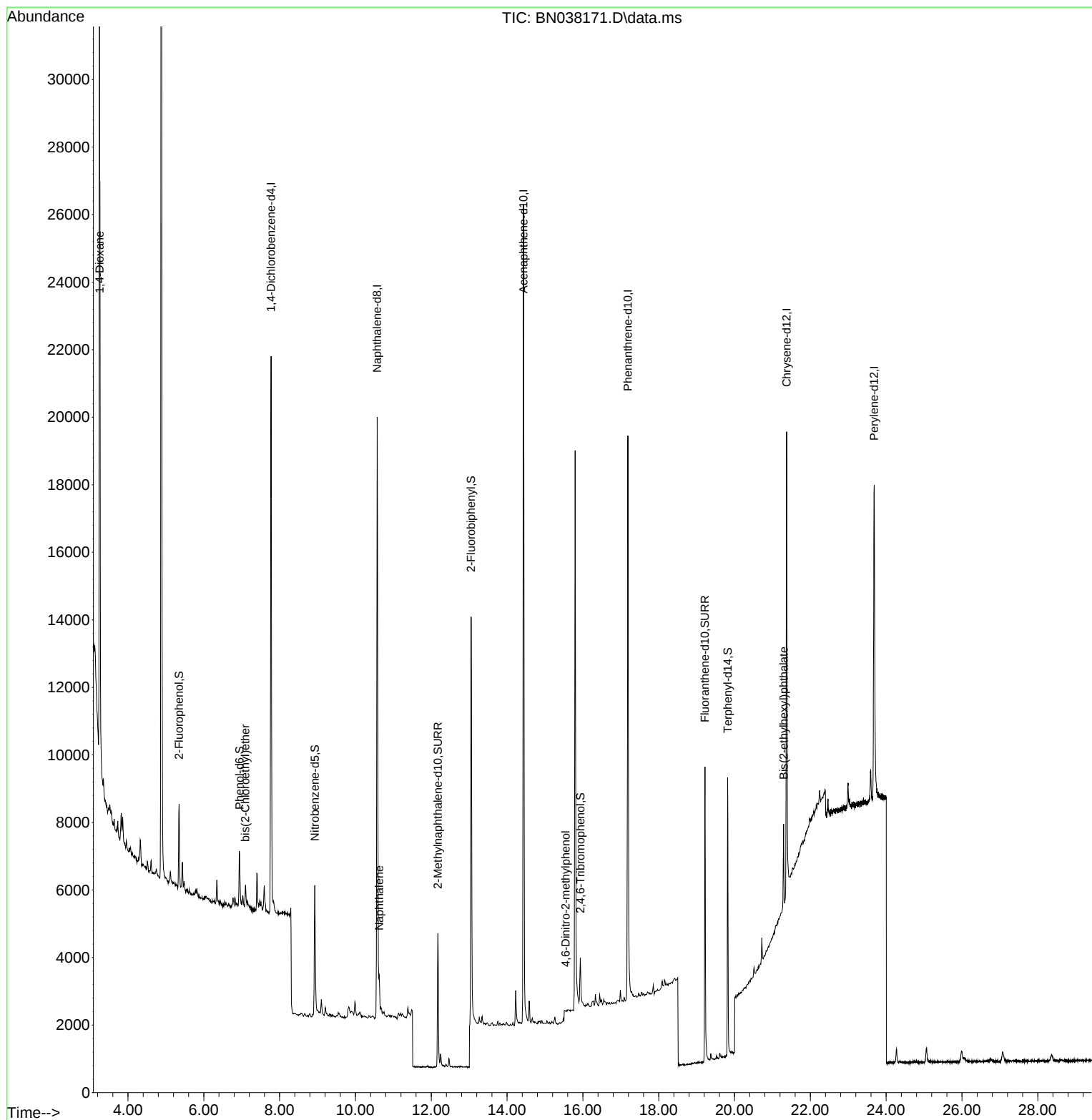
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8387	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25419	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14582	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	24478	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14041	0.400	ng	0.00
35) Perylene-d12	23.683	264	14209	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2074	0.105	ng	0.00
5) Phenol-d6	6.944	99	1824	0.076	ng	0.00
8) Nitrobenzene-d5	8.929	82	3691	0.180	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	6095	0.168	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	895	0.149	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	11835	0.203	ng	0.00
27) Fluoranthene-d10	19.220	212	10115	0.164	ng	0.00
31) Terphenyl-d14	19.819	244	8217	0.269	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	23816	2.748	ng	98
6) bis(2-Chloroethyl)ether	7.096	93	1190	0.050	ng	# 28
9) Naphthalene	10.626	128	1438	0.021	ng	# 79
20) 4,6-Dinitro-2-methylph...	15.547	198	8	0.185	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	2343	0.089	ng	# 95

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

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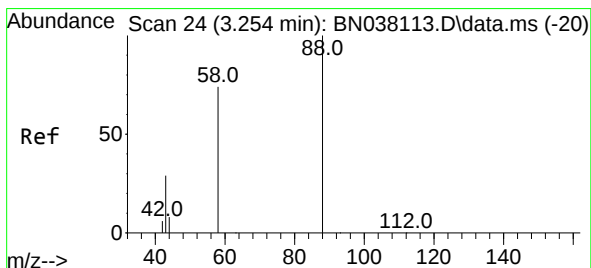
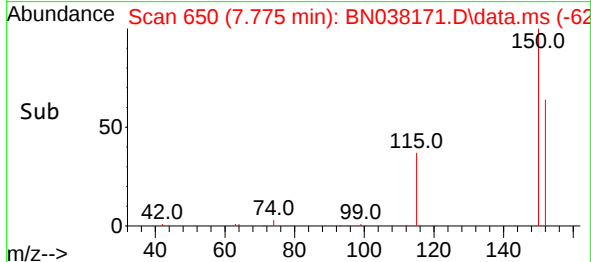
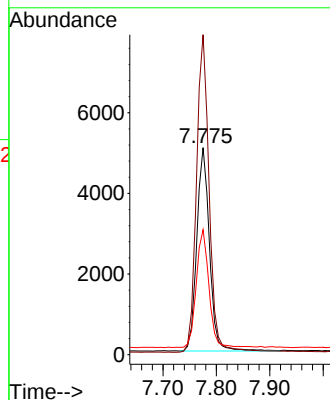
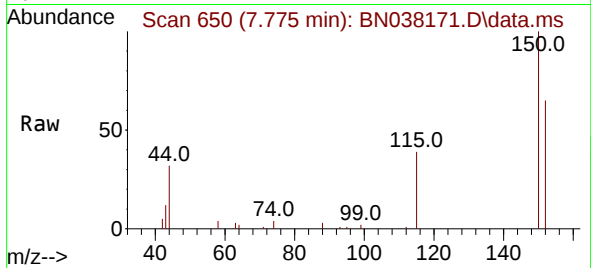




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN038171.D
 Acq: 08 Nov 2025 01:57

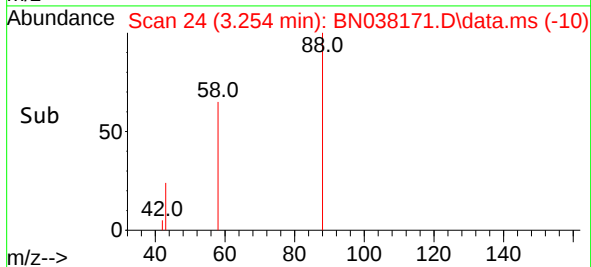
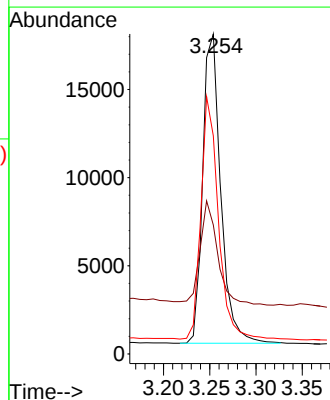
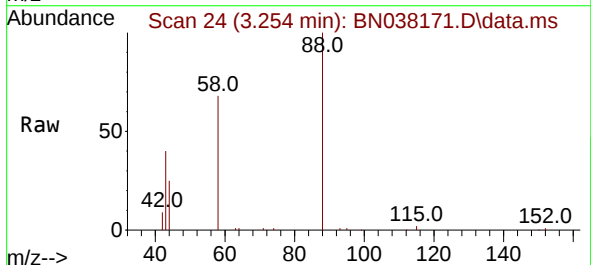
Instrument :
 BNA_N
 ClientSampleId :
 MW-11DL

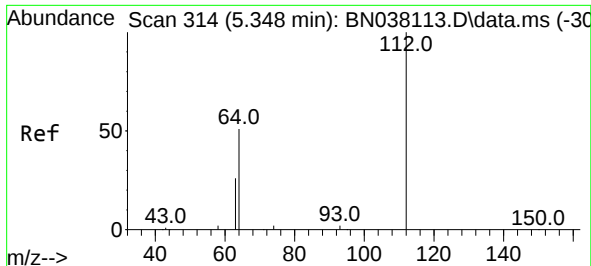
Tgt Ion:152 Resp: 8387
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.3 183.5
 115 60.3 47.4 71.0



#2
 1,4-Dioxane
 Concen: 2.748 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038171.D
 Acq: 08 Nov 2025 01:57

Tgt Ion: 88 Resp: 23816
 Ion Ratio Lower Upper
 88 100
 43 33.3 24.3 36.5
 58 75.4 60.4 90.6

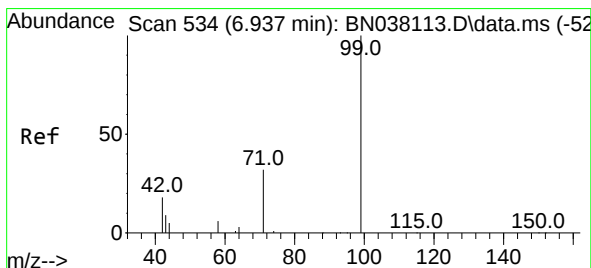
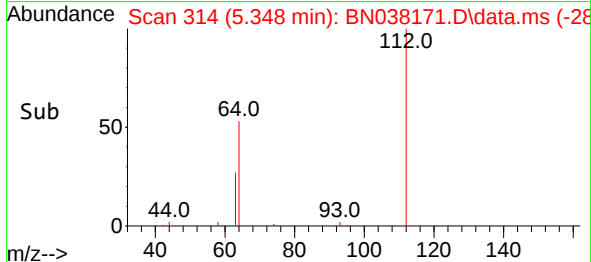
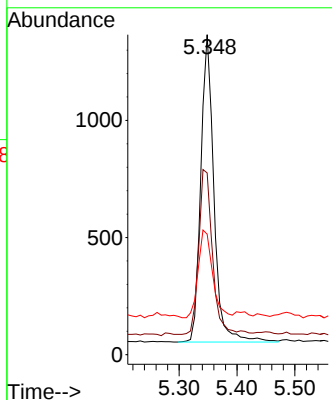
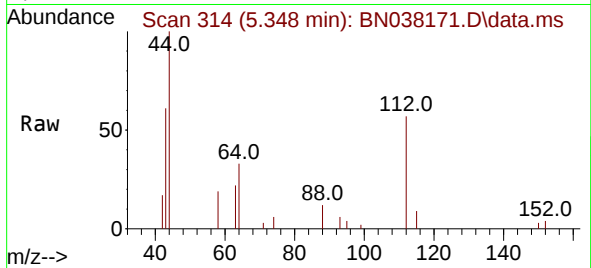




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

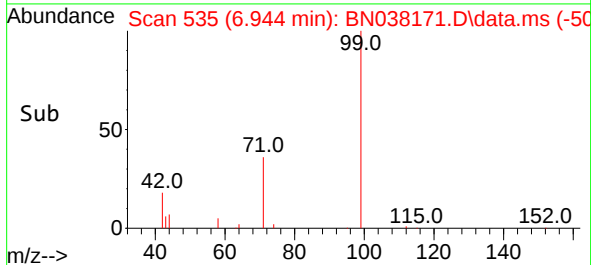
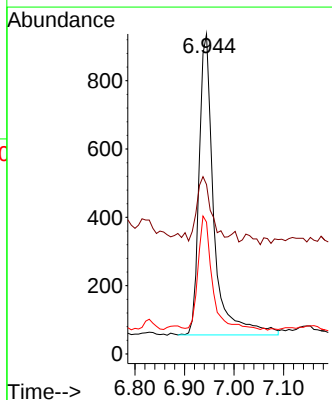
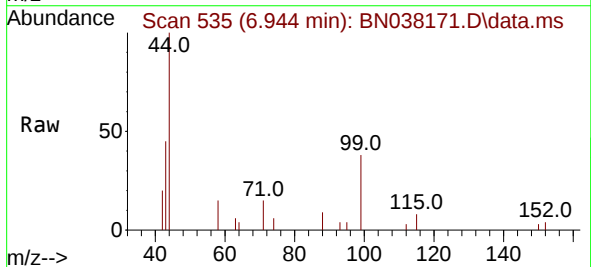
Instrument :
BNA_N
ClientSampleId :
MW-11DL

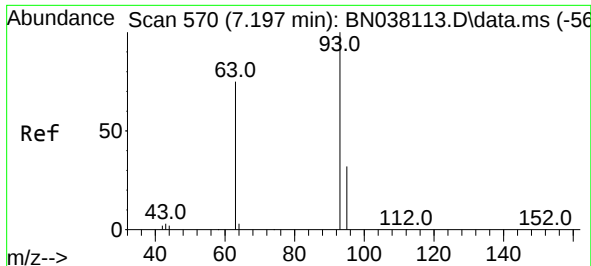
Tgt Ion:112 Resp: 2074
Ion Ratio Lower Upper
112 100
64 56.1 45.4 68.0
63 31.2 23.2 34.8



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion: 99 Resp: 1824
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 37.1 25.4 38.2

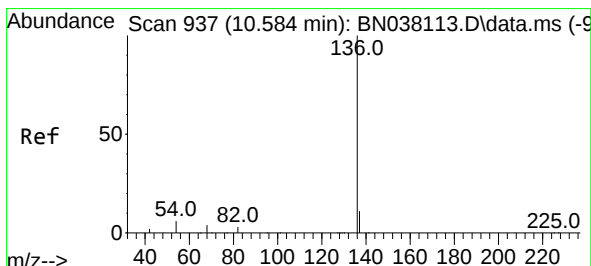
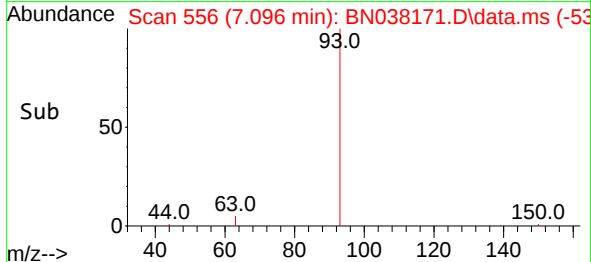
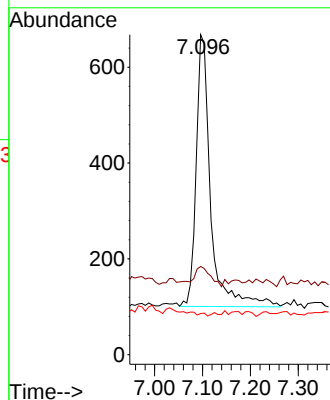
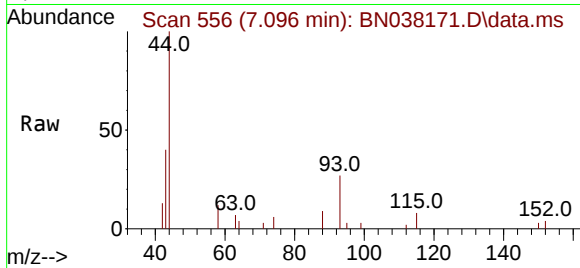




#6
bis(2-Chloroethyl)ether
Concen: 0.050 ng
RT: 7.096 min Scan# 51
Delta R.T. -0.101 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

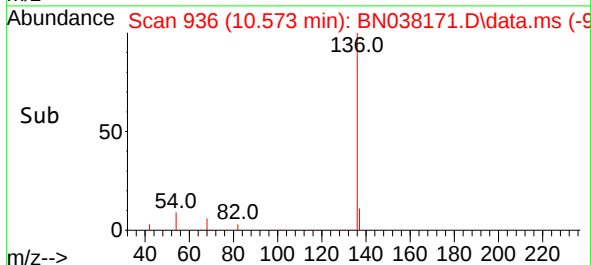
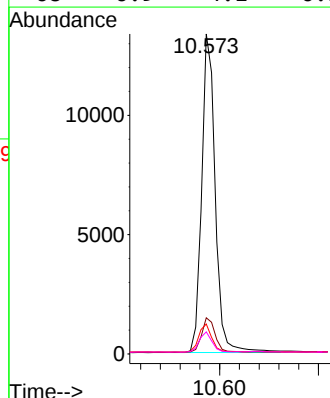
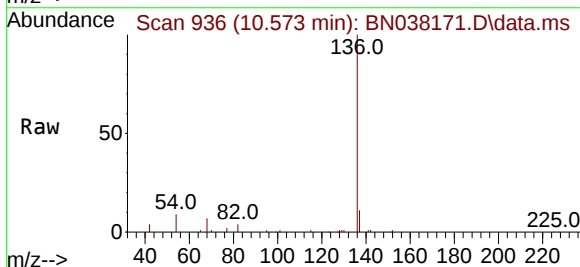
Instrument :
BNA_N
ClientSampleId :
MW-11DL

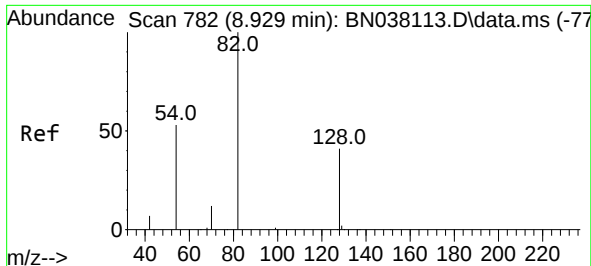
Tgt Ion: 93 Resp: 1190
Ion Ratio Lower Upper
93 100
63 7.5 59.3 88.9#
95 0.0 25.2 37.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:136 Resp: 25419
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.4 5.2 7.8#
68 6.9 4.1 6.1#

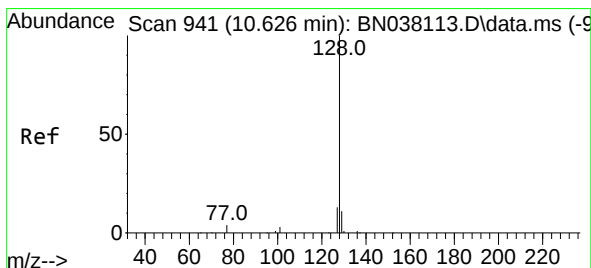
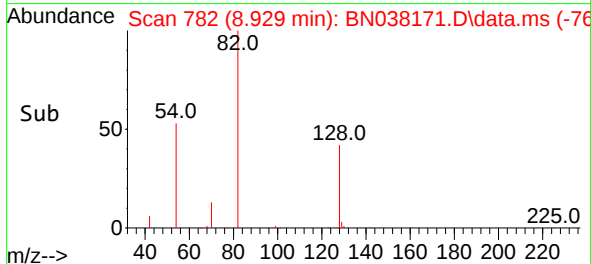
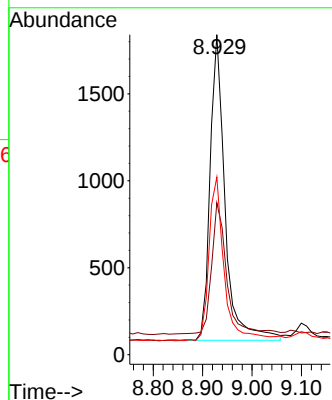
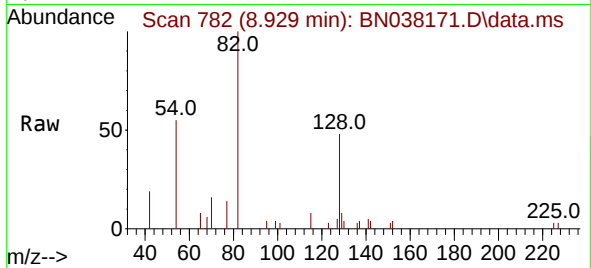




#8
Nitrobenzene-d5
Concen: 0.180 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

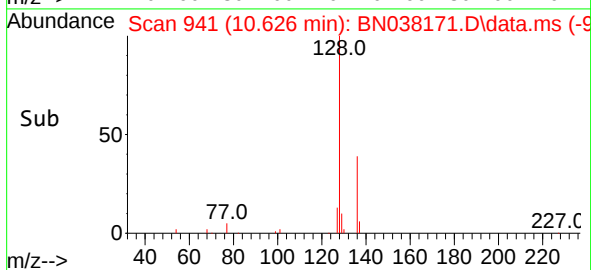
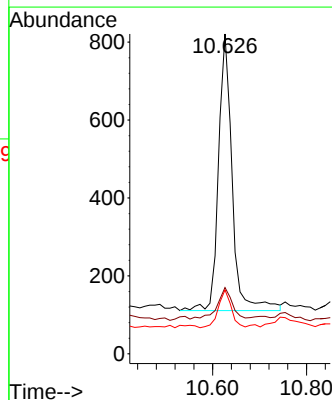
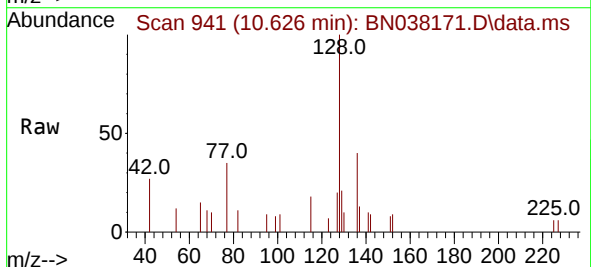
Instrument :
BNA_N
ClientSampleId :
MW-11DL

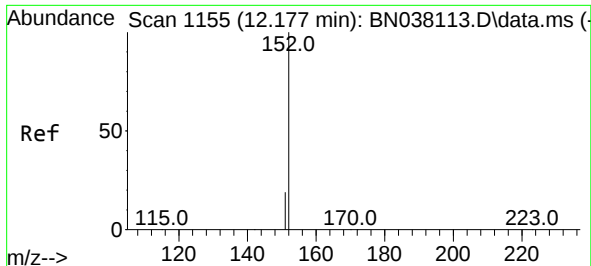
Tgt Ion: 82 Resp: 3691
Ion Ratio Lower Upper
82 100
128 47.5 34.1 51.1
54 55.5 43.5 65.3



#9
Naphthalene
Concen: 0.021 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion: 128 Resp: 1438
Ion Ratio Lower Upper
128 100
129 20.7 9.1 13.7#
127 20.0 10.5 15.7#

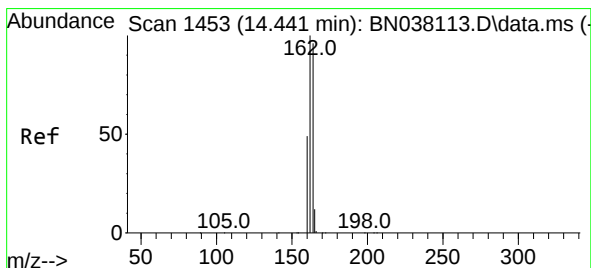
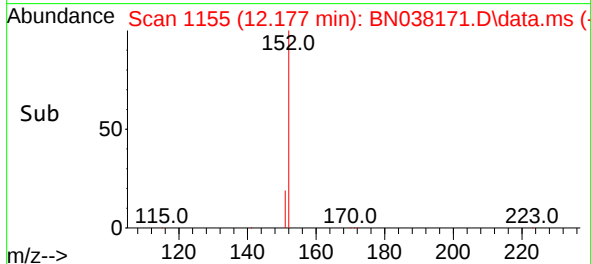
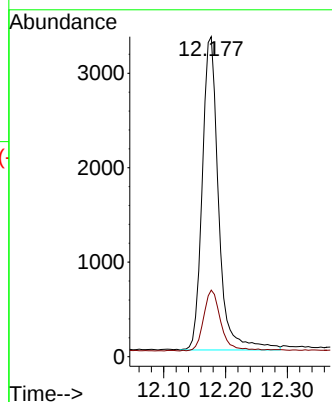
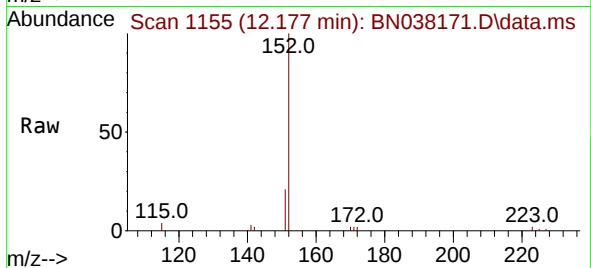




#11
2-Methylnaphthalene-d10
Concen: 0.168 ng
RT: 12.177 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

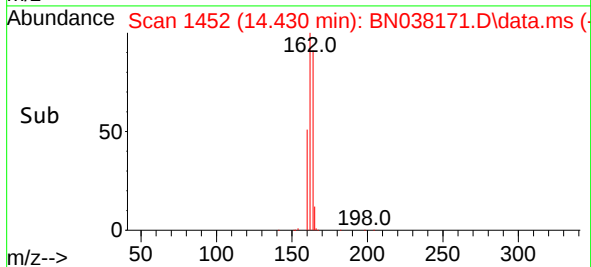
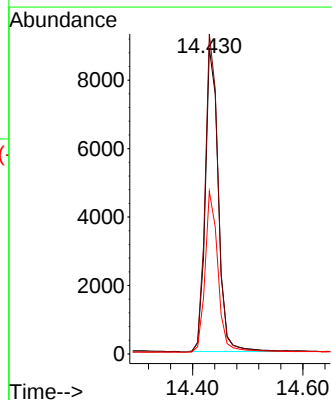
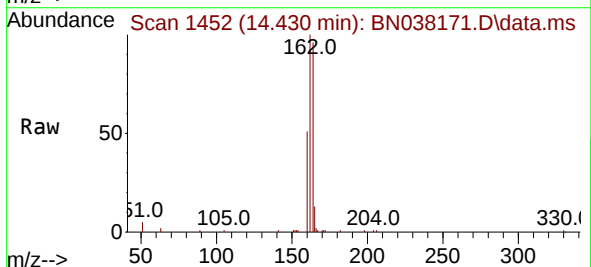
Instrument :
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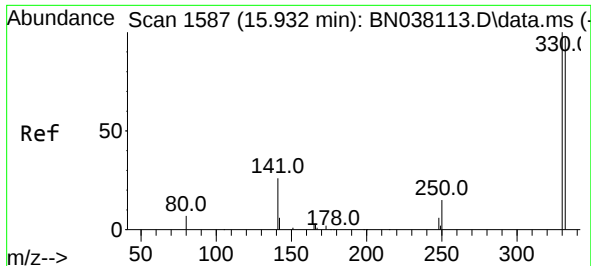
Tgt Ion:152 Resp: 6095
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:164 Resp: 14582
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.4
160 53.2 40.7 61.1

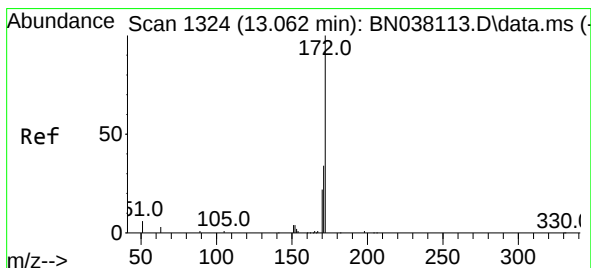
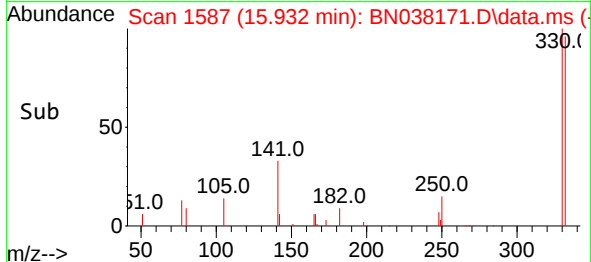
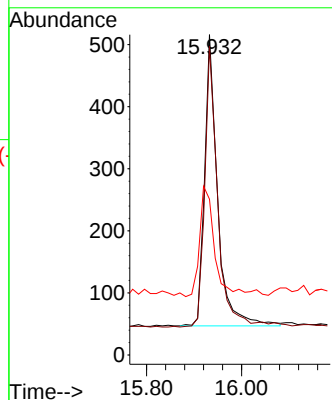
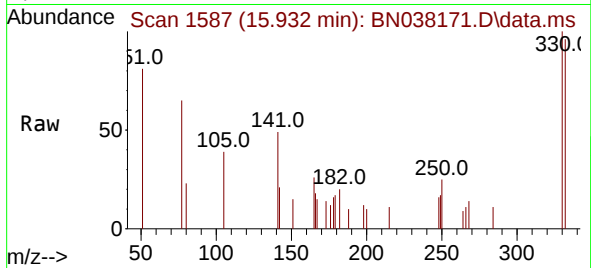




#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

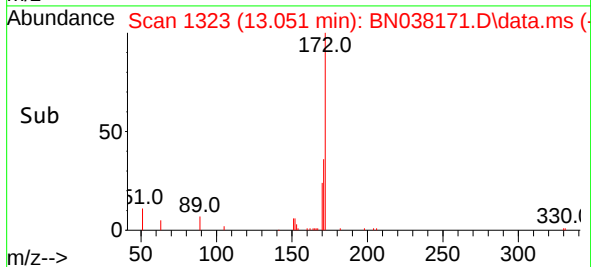
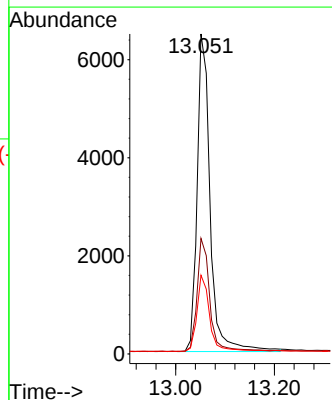
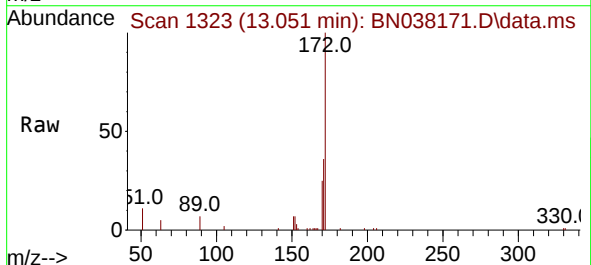
Instrument :
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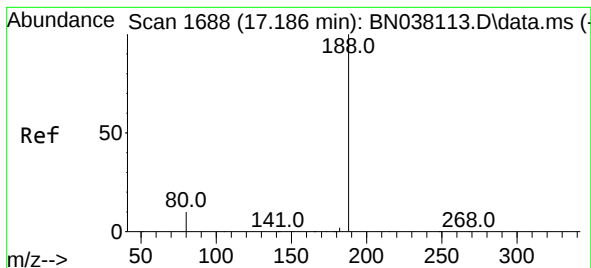
Tgt Ion:330 Resp: 895
Ion Ratio Lower Upper
330 100
332 94.5 76.6 114.8
141 44.8 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.203 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:172 Resp: 11835
Ion Ratio Lower Upper
172 100
171 36.1 27.8 41.6
170 24.6 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN038171.D

Acq: 08 Nov 2025 01:57

Instrument :

BNA_N

ClientSampleId :

MW-11DL

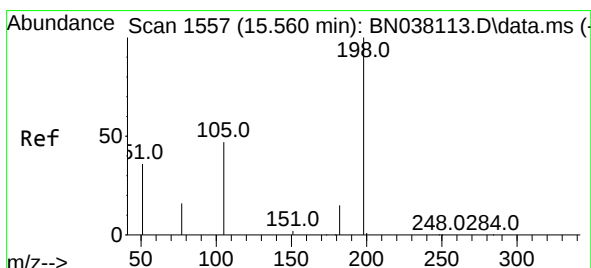
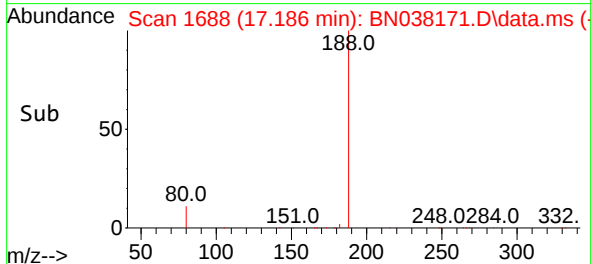
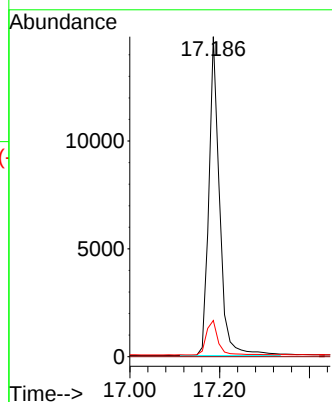
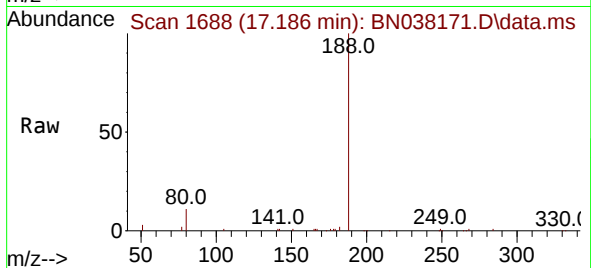
Tgt Ion:188 Resp: 24478

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 8.6 13.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.185 ng

RT: 15.547 min Scan# 1556

Delta R.T. -0.013 min

Lab File: BN038171.D

Acq: 08 Nov 2025 01:57

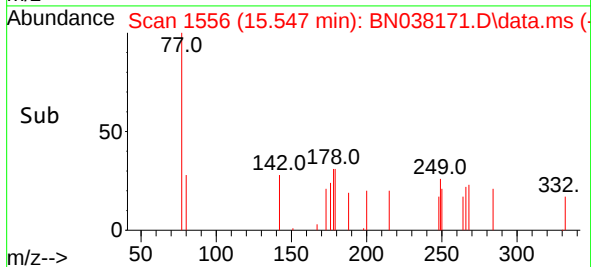
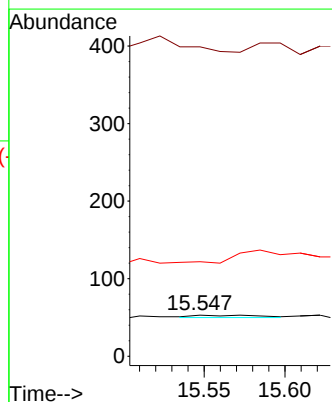
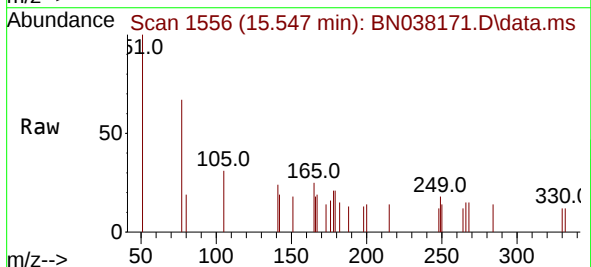
Tgt Ion:198 Resp: 8

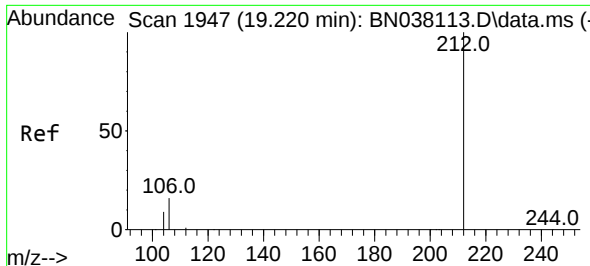
Ion Ratio Lower Upper

198 100

51 752.8 88.9 133.3#

105 230.2 49.2 73.8#

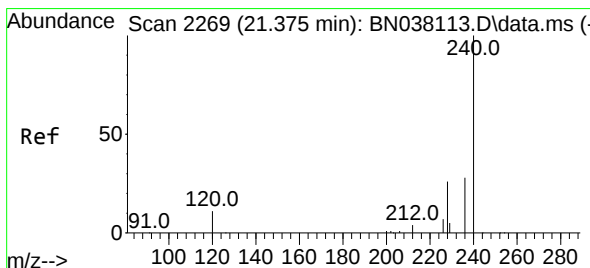
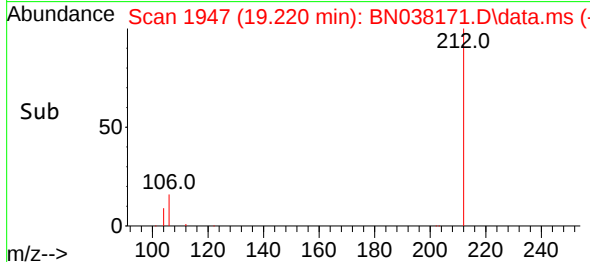
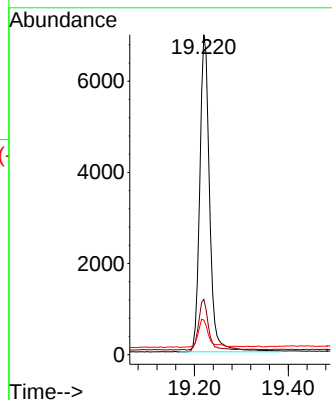
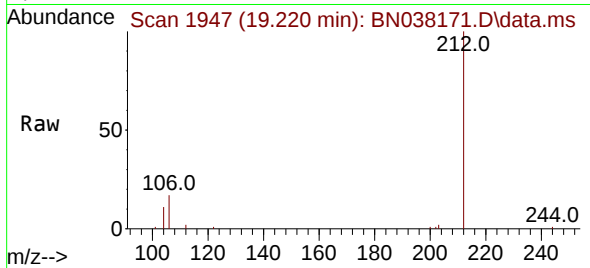




#27
Fluoranthene-d10
Concen: 0.164 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

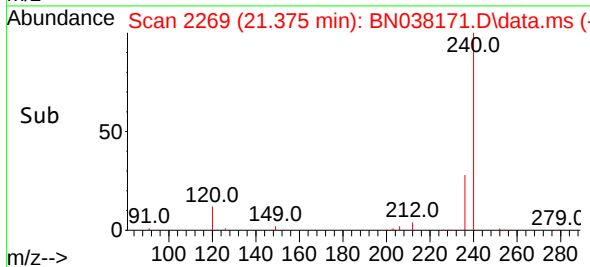
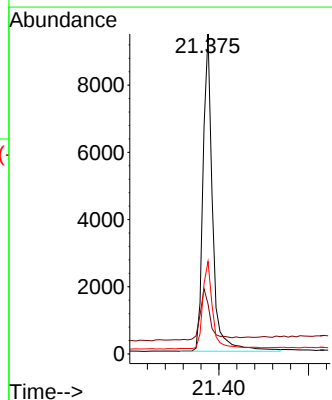
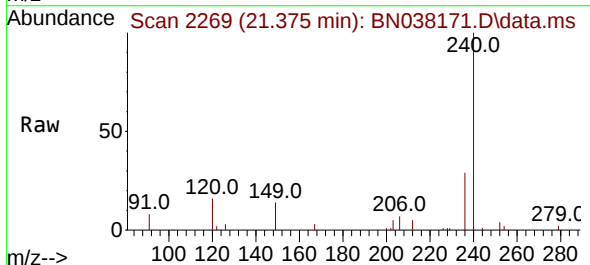
Instrument :
BNA_N
ClientSampleId :
MW-11DL

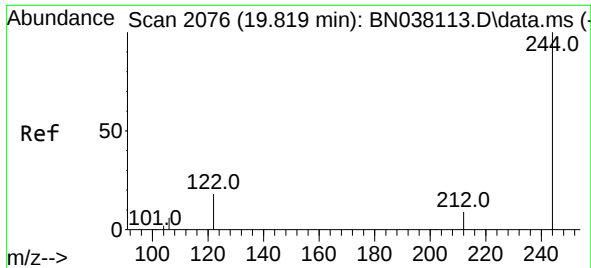
Tgt Ion:212 Resp: 10115
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.3 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038171.D
Acq: 08 Nov 2025 01:57

Tgt Ion:240 Resp: 14041
Ion Ratio Lower Upper
240 100
120 15.6 10.7 16.1
236 28.9 23.1 34.7

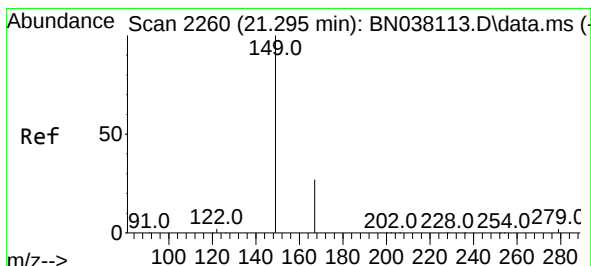
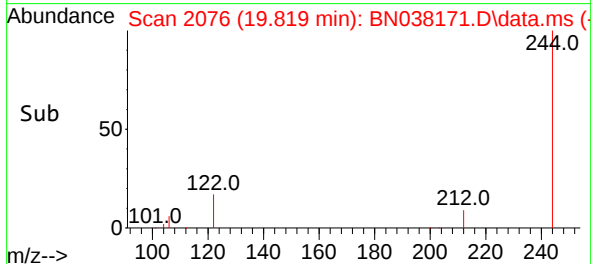
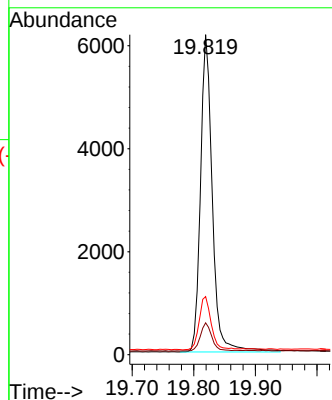
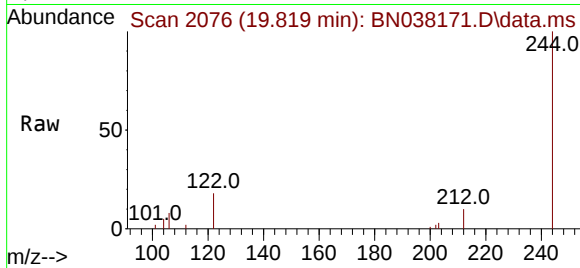




#31
 Terphenyl-d14
 Concen: 0.269 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038171.D
 Acq: 08 Nov 2025 01:57

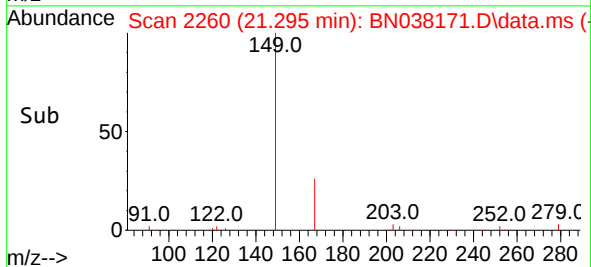
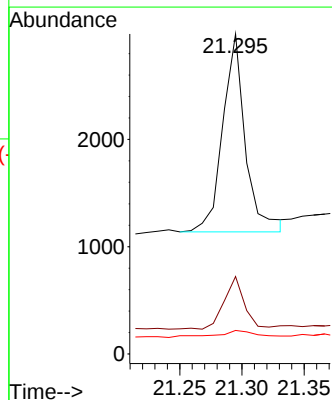
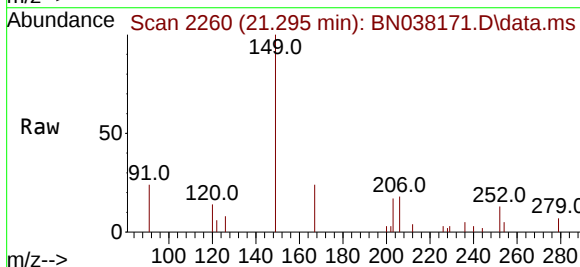
Instrument :
 BNA_N
 ClientSampleId :
 MW-11DL

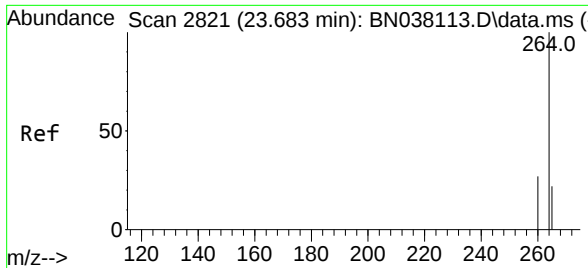
Tgt Ion:244 Resp: 8217
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.8 11.6
 122 18.2 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038171.D
 Acq: 08 Nov 2025 01:57

Tgt Ion:149 Resp: 2343
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.1 31.7
 279 6.2 2.9 4.3#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.683 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN038171.D
 Acq: 08 Nov 2025 01:57

Instrument :
 BNA_N
 ClientSampleId :
 MW-11DL

Tgt Ion:264 Resp: 14209
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.8 32.8
 265 105.0 68.6 102.8#

