

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038155.D
 Acq On : 07 Nov 2025 15:33
 Operator : RC/JU
 Sample : Q3534-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-1

Quant Time: Nov 07 15:57:22 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)

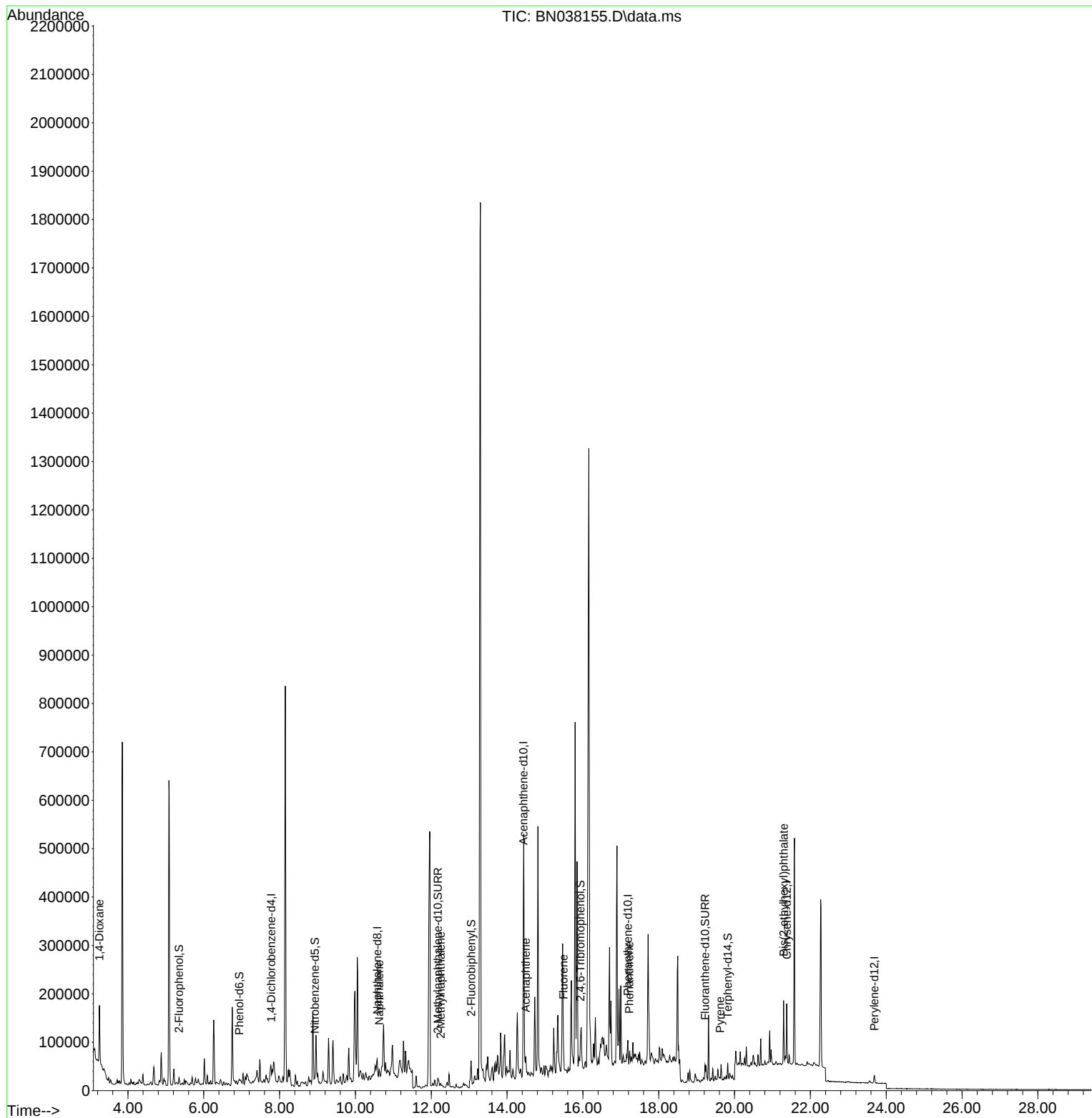
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	10875	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	36113	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	60230	0.400	ng	# 0.00
19) Phenanthrene-d10	17.186	188	41457	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	24620	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	21598	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	5544	0.216	ng	0.00
5) Phenol-d6	6.937	99	4724	0.151	ng	0.00
8) Nitrobenzene-d5	8.929	82	10835	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	17454	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	4807	0.194	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	31043	0.129	ng	0.00
27) Fluoranthene-d10	19.220	212	37172	0.356	ng	0.00
31) Terphenyl-d14	19.819	244	28988	0.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	69584	6.193	ng	# 67
9) Naphthalene	10.626	128	10942	0.110	ng	# 64
12) 2-Methylnaphthalene	12.248	142	26668	0.402	ng	# 66
17) Acenaphthene	14.495	154	16665	0.087	ng	# 92
18) Fluorene	15.489	166	24274	0.097	ng	# 56
25) Phenanthrene	17.223	178	7934	0.060	ng	# 83
30) Pyrene	19.615	202	5283	0.048	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.295	149	124078	2.682	ng	96

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

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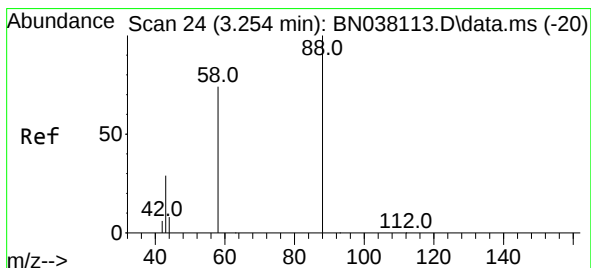
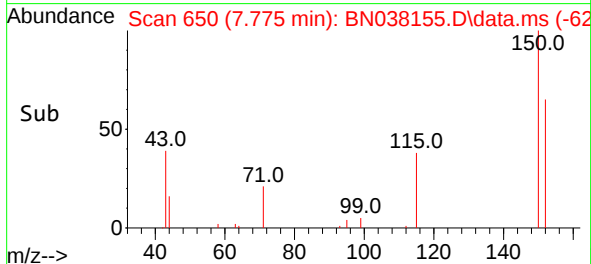
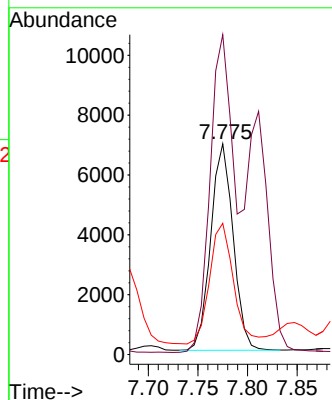
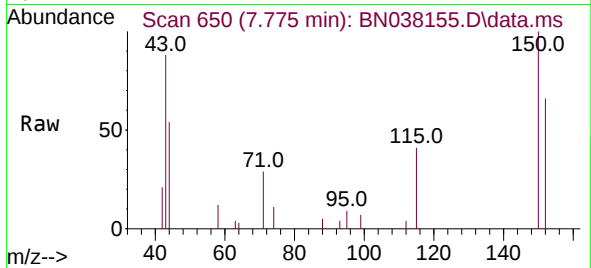




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN038155.D
 Acq: 07 Nov 2025 15:33

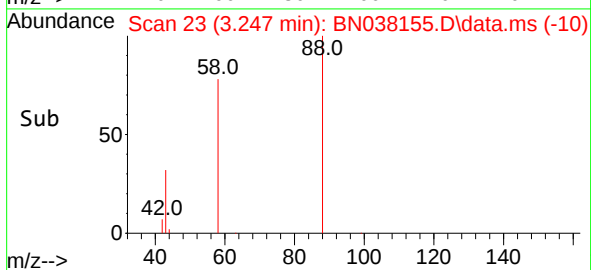
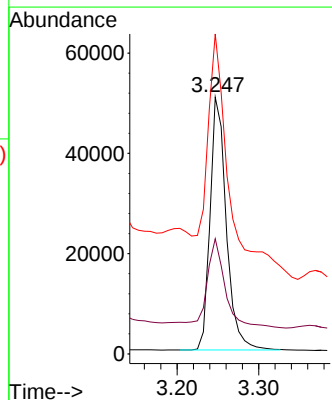
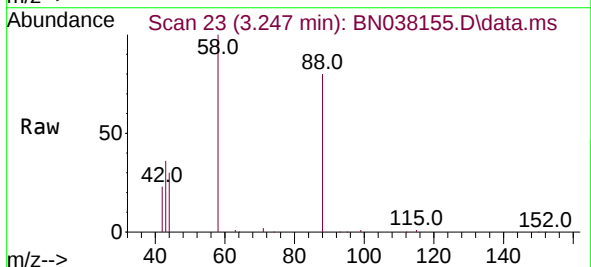
Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-1

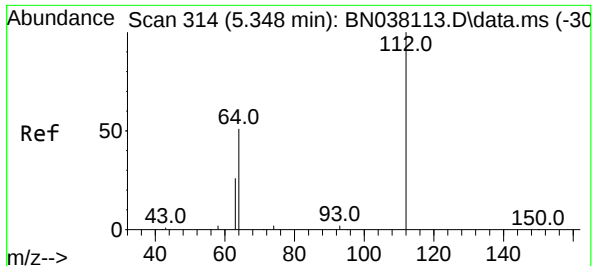
Tgt Ion:152 Resp: 10875
 Ion Ratio Lower Upper
 152 100
 150 151.8 122.3 183.5
 115 62.3 47.4 71.0



#2
 1,4-Dioxane
 Concen: 6.193 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038155.D
 Acq: 07 Nov 2025 15:33

Tgt Ion: 88 Resp: 69584
 Ion Ratio Lower Upper
 88 100
 43 38.7 24.3 36.5#
 58 110.1 60.4 90.6#

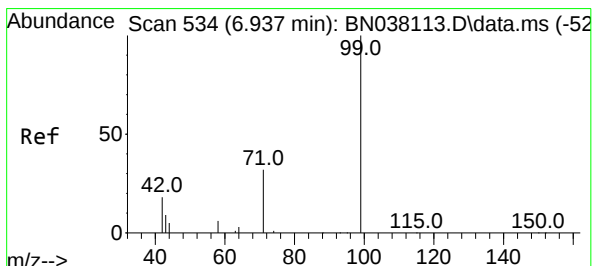
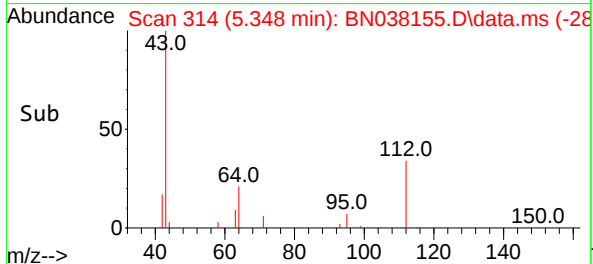
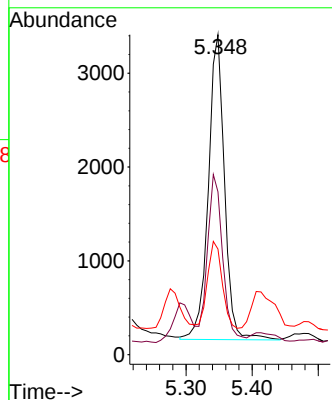
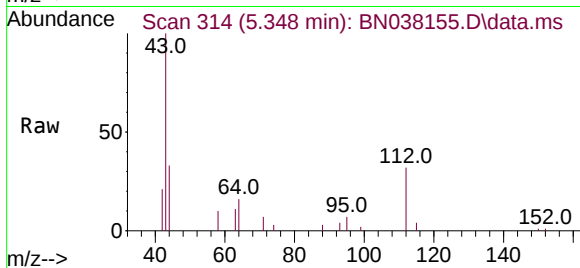




#4
2-Fluorophenol
Concen: 0.216 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

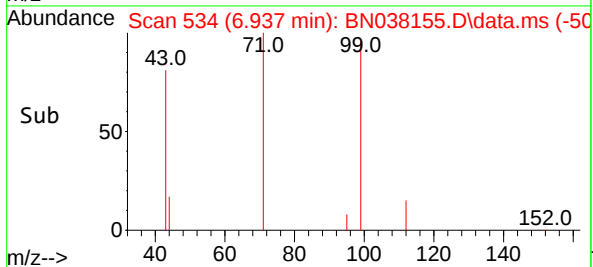
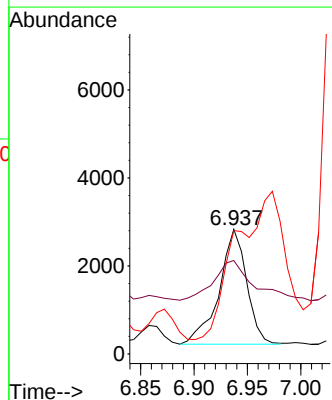
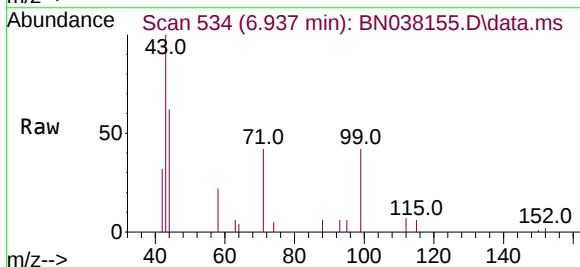
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

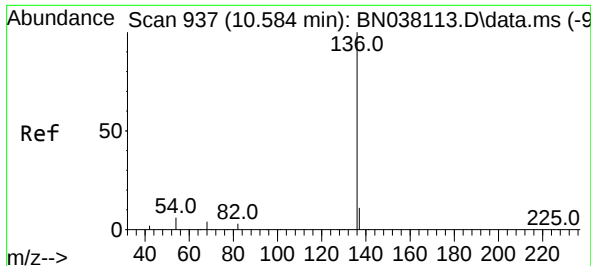
Tgt Ion:112 Resp: 5544
Ion Ratio Lower Upper
112 100
64 50.7 45.4 68.0
63 26.4 23.2 34.8



#5
Phenol-d6
Concen: 0.151 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion: 99 Resp: 4724
Ion Ratio Lower Upper
99 100
42 65.6 16.6 24.8#
71 0.0 25.4 38.2#

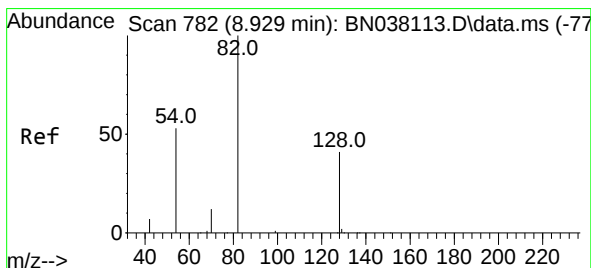
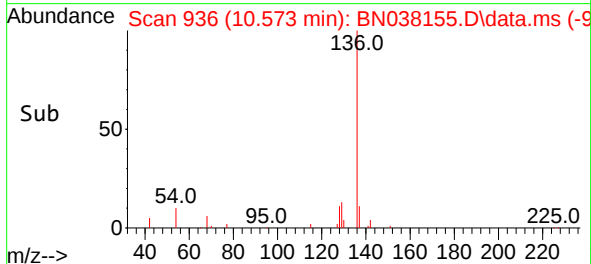
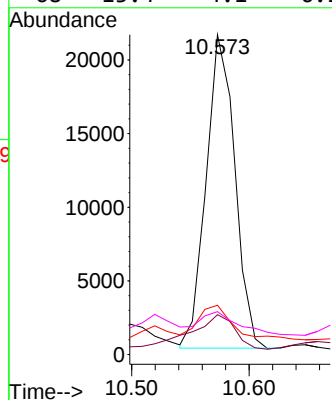
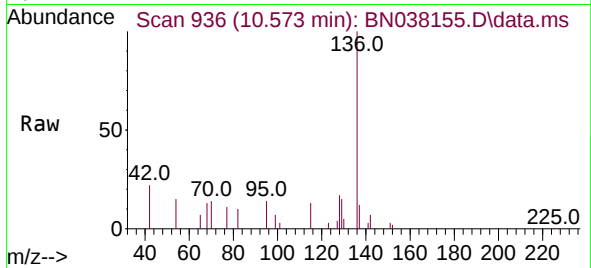




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

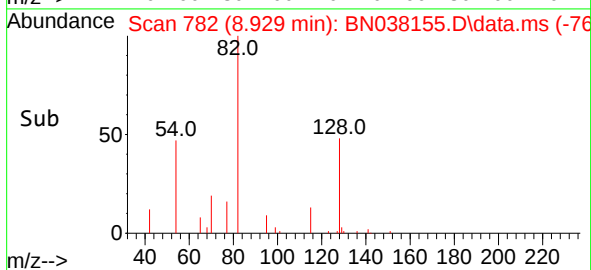
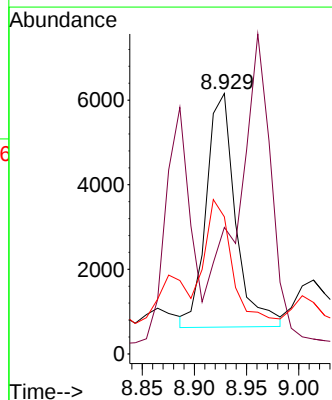
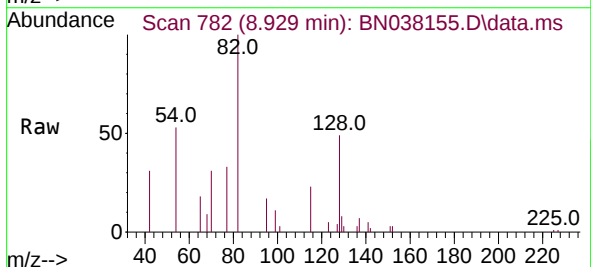
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

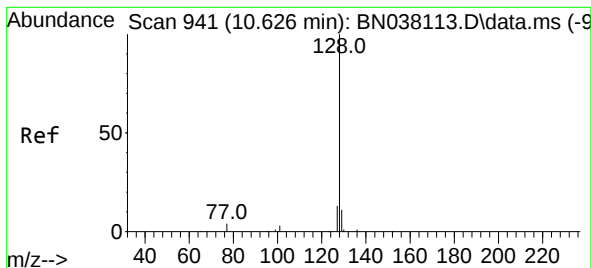
Tgt Ion:	136	Resp:	36113
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.0	13.4
54	15.4	5.2	7.8#
68	13.4	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:	82	Resp:	10835
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.1	51.1
54	52.6	43.5	65.3





#9

Naphthalene

Concen: 0.110 ng

RT: 10.626 min Scan# 941

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

Instrument :

BNA_N

ClientSampleId :

MW-EB-1

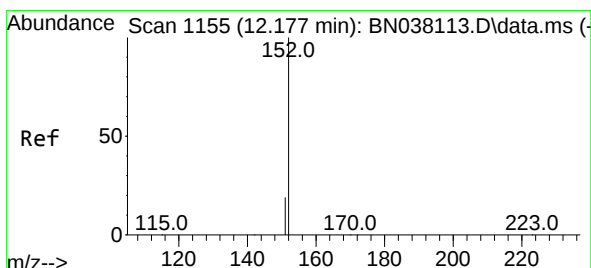
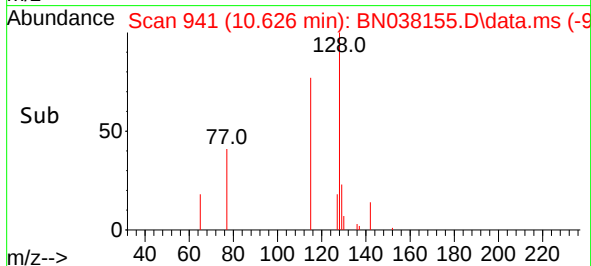
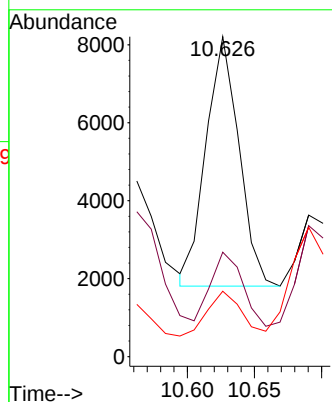
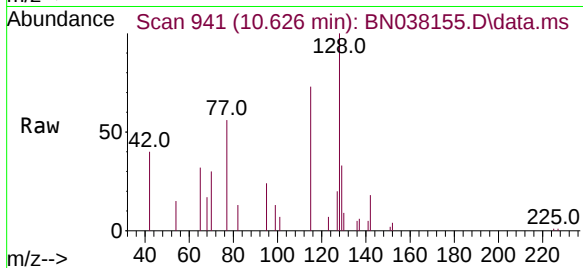
Tgt Ion:128 Resp: 10942

Ion Ratio Lower Upper

128 100

129 32.6 9.1 13.7#

127 20.4 10.5 15.7#



#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 12.177 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BN038155.D

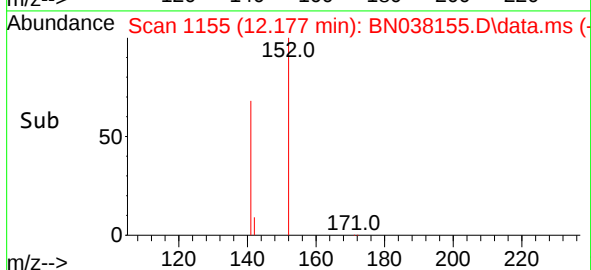
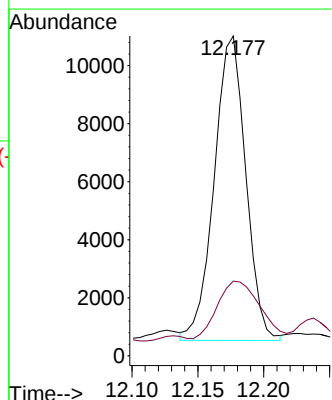
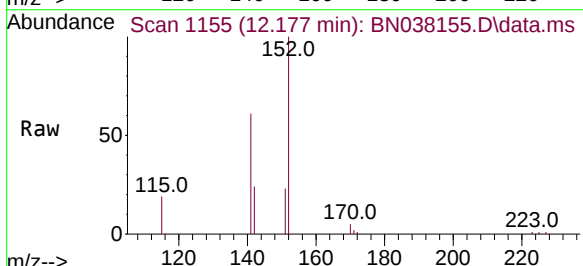
Acq: 07 Nov 2025 15:33

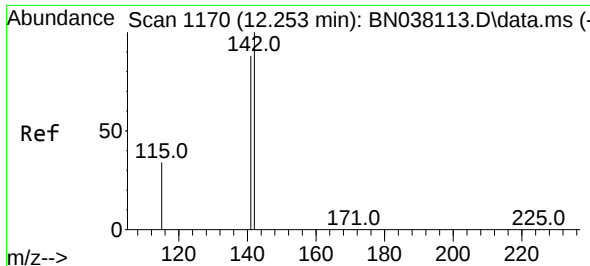
Tgt Ion:152 Resp: 17454

Ion Ratio Lower Upper

152 100

151 25.6 16.8 25.2#





#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 12.248 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

Instrument :

BNA_N

ClientSampleId :

MW-EB-1

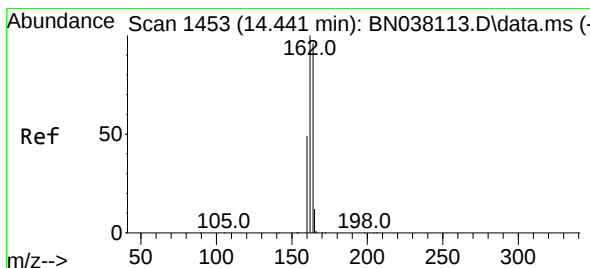
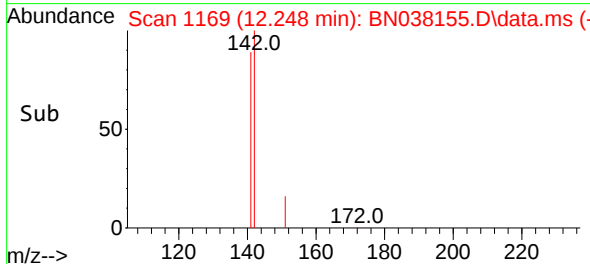
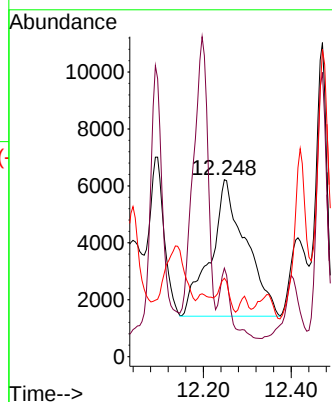
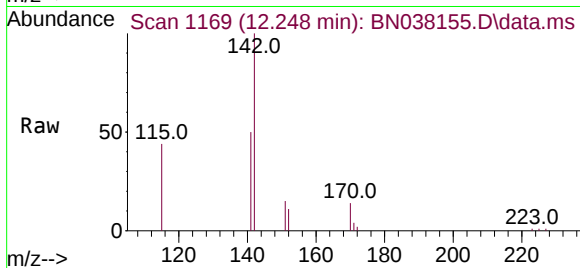
Tgt Ion:142 Resp: 26668

Ion Ratio Lower Upper

142 100

141 50.0 70.3 105.5#

115 44.2 27.8 41.6#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

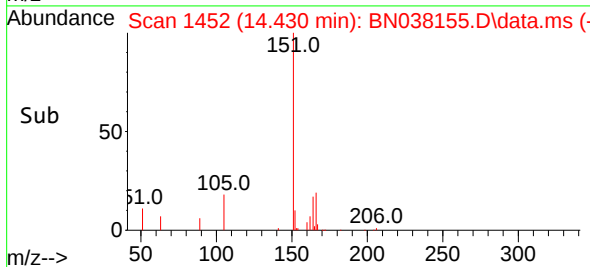
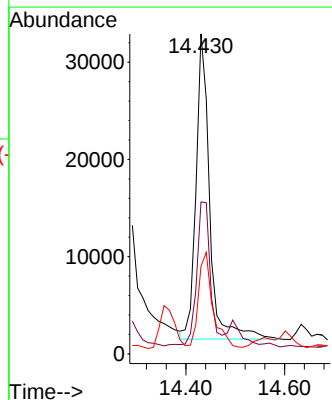
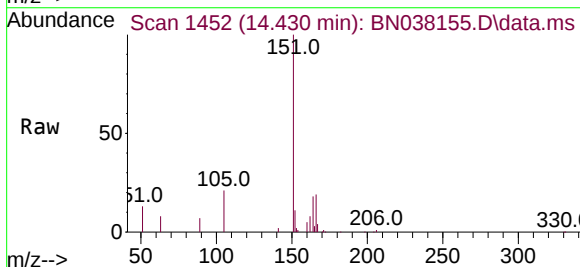
Tgt Ion:164 Resp: 60230

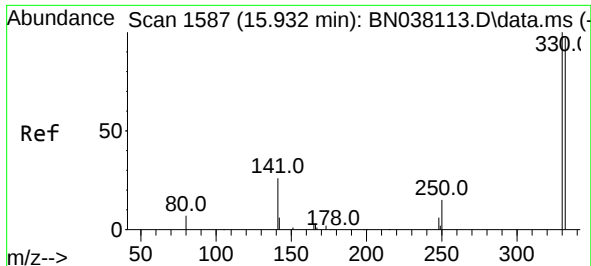
Ion Ratio Lower Upper

164 100

162 47.5 83.0 124.4#

160 27.4 40.7 61.1#

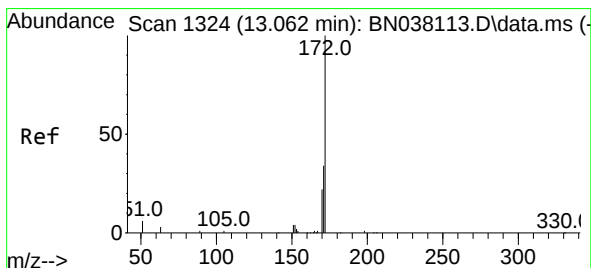
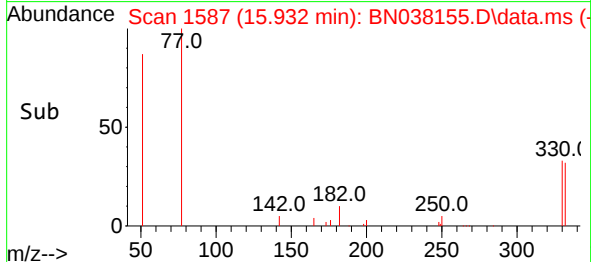
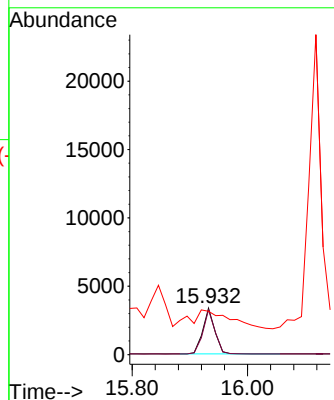
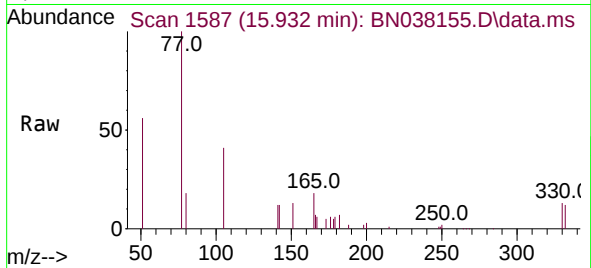




#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

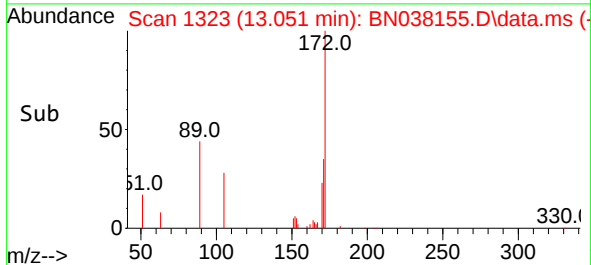
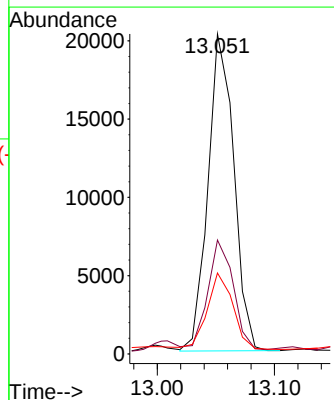
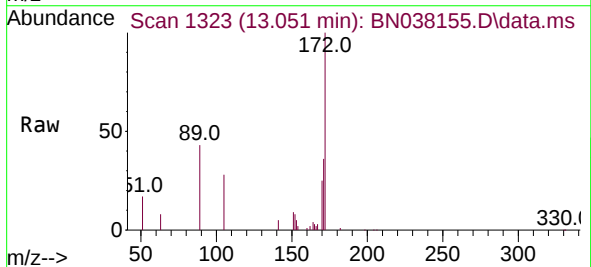
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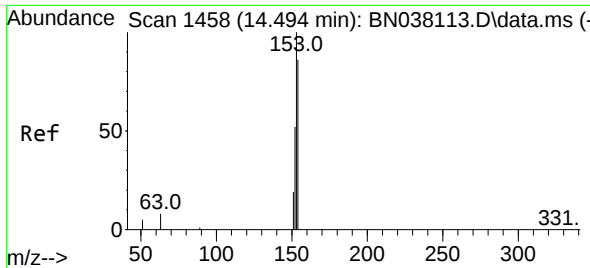
Tgt Ion:330 Resp: 4807
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 125.5 34.1 51.1#



#15
2-Fluorobiphenyl
Concen: 0.129 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:172 Resp: 31043
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 25.3 18.1 27.1

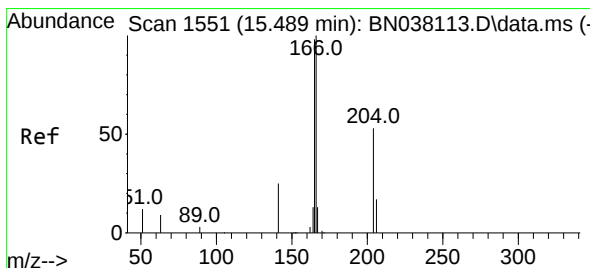
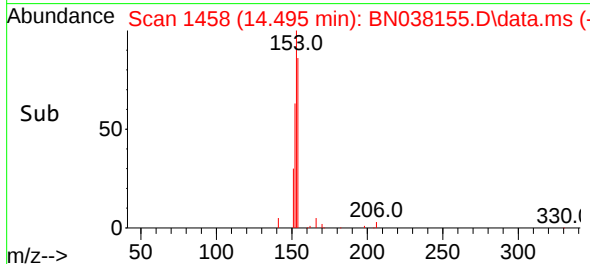
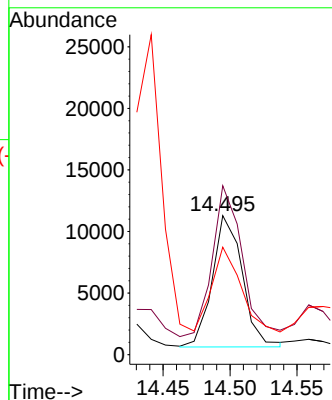
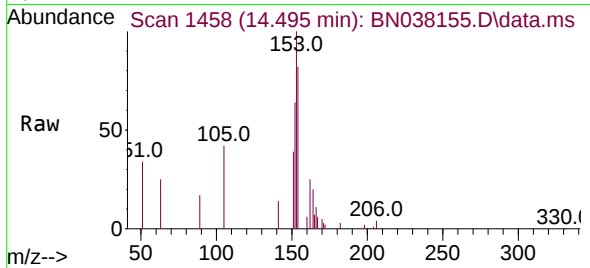




#17
Acenaphthene
Concen: 0.087 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

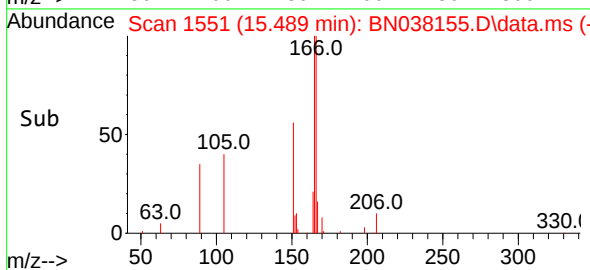
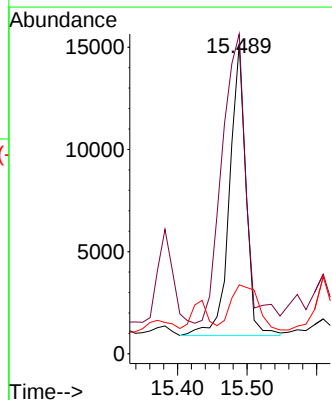
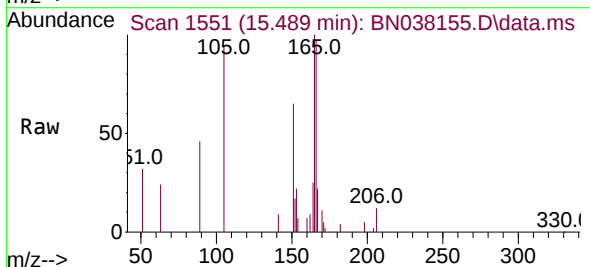
Instrument :
BNA_N
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MW-EB-1

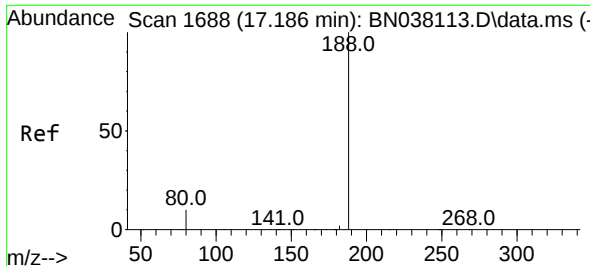
Tgt Ion:154 Resp: 16665
Ion Ratio Lower Upper
154 100
153 113.7 90.0 135.0
152 74.4 47.3 70.9#



#18
Fluorene
Concen: 0.097 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:166 Resp: 24274
Ion Ratio Lower Upper
166 100
165 143.9 79.0 118.4#
167 25.8 10.7 16.1#

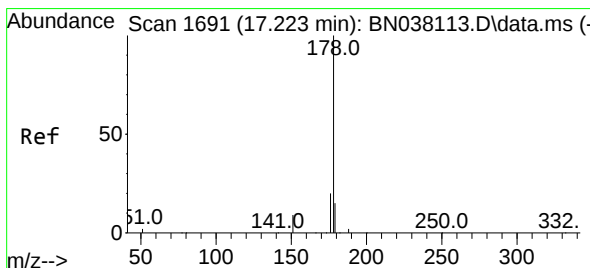
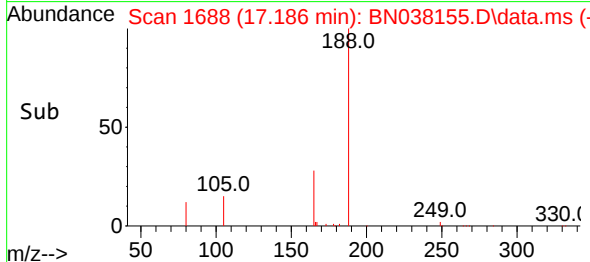
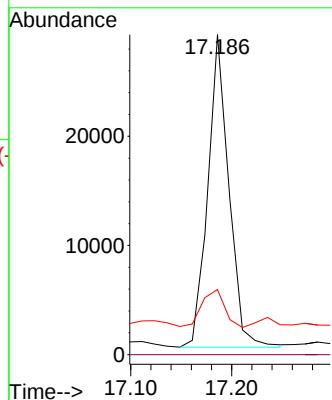
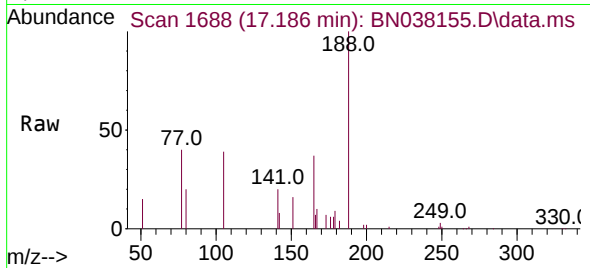




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

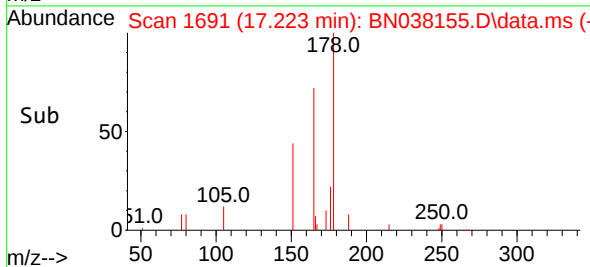
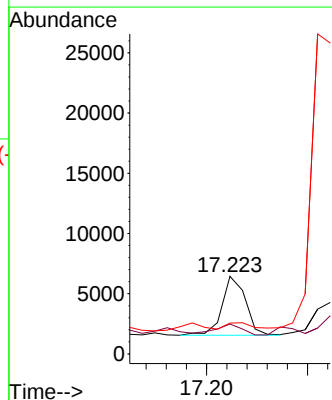
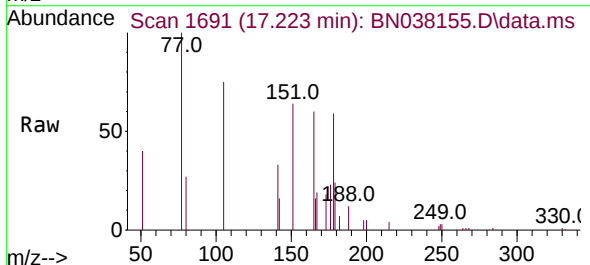
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

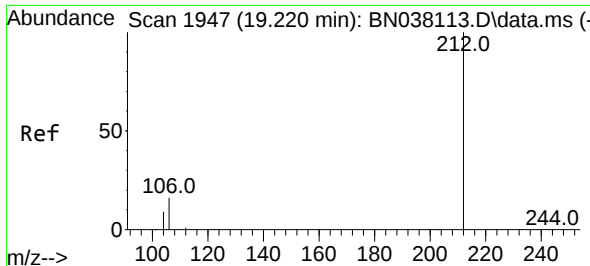
Tgt Ion:188 Resp: 41457
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.3 8.6 13.0#



#25
Phenanthrene
Concen: 0.060 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:178 Resp: 7934
Ion Ratio Lower Upper
178 100
176 20.5 15.5 23.3
179 0.0 12.2 18.4#

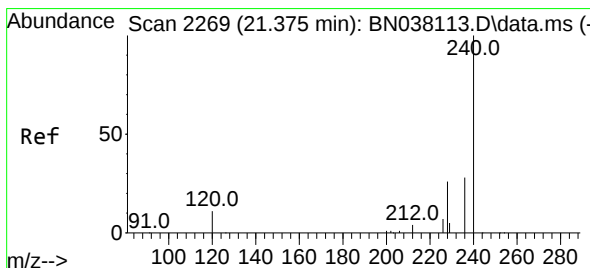
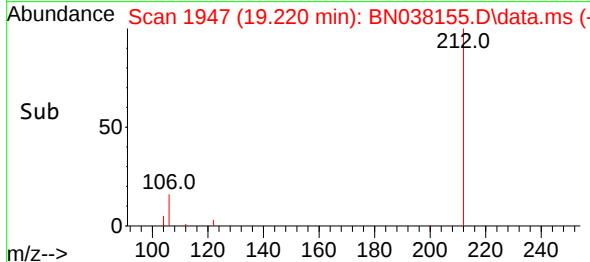
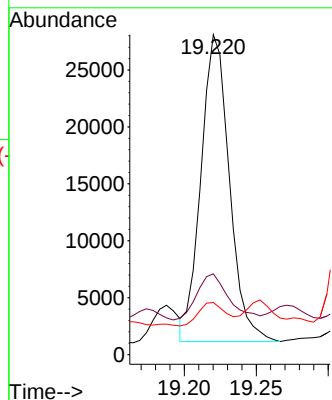
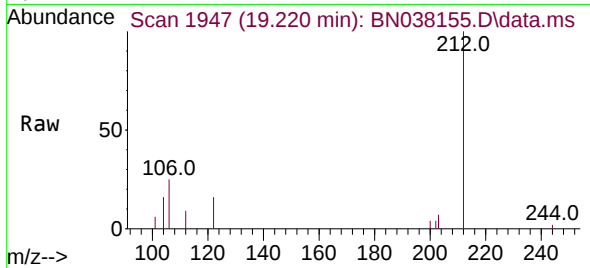




#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

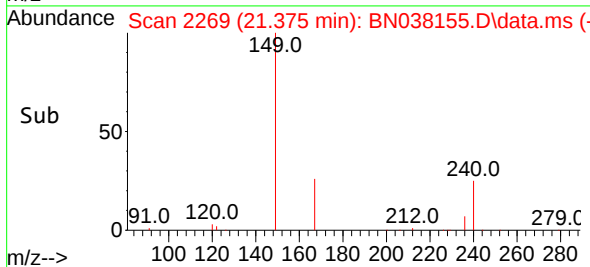
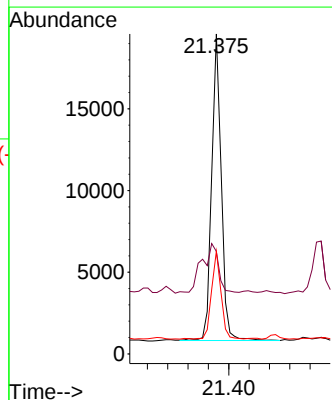
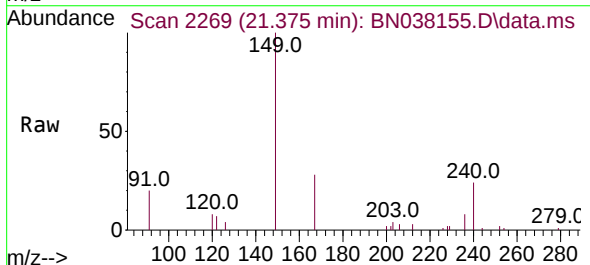
Instrument :
BNA_N
ClientSampleId :
MW-EB-1

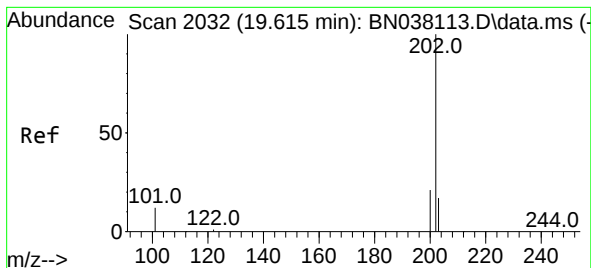
Tgt Ion:212 Resp: 37172
Ion Ratio Lower Upper
212 100
106 19.7 12.6 19.0#
104 8.1 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038155.D
Acq: 07 Nov 2025 15:33

Tgt Ion:240 Resp: 24620
Ion Ratio Lower Upper
240 100
120 32.0 10.7 16.1#
236 32.1 23.1 34.7





#30

Pyrene

Concen: 0.048 ng

RT: 19.615 min Scan# 2032

Delta R.T. 0.005 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

Instrument :

BNA_N

ClientSampleId :

MW-EB-1

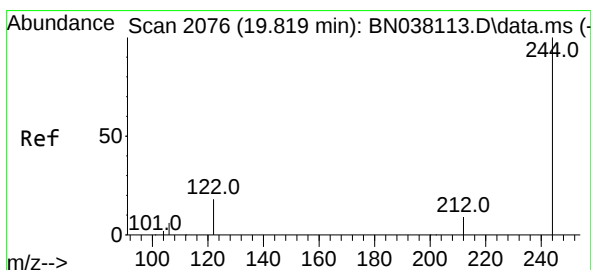
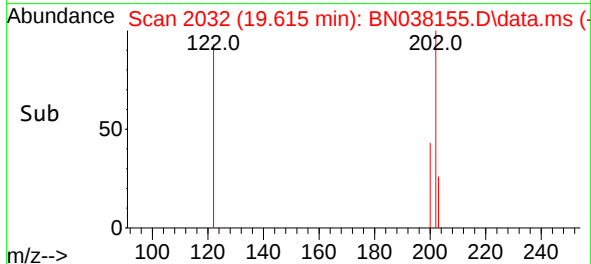
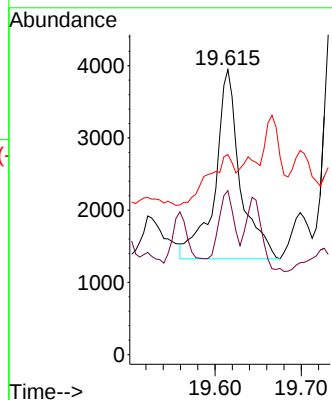
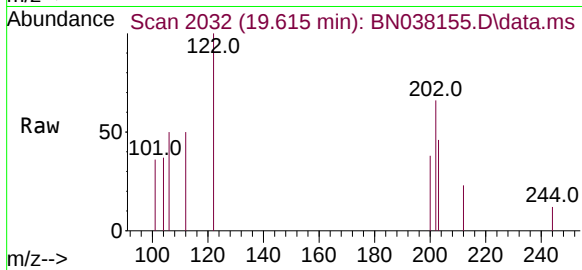
Tgt Ion:202 Resp: 5283

Ion Ratio Lower Upper

202 100

200 23.6 16.7 25.1

203 27.2 14.2 21.2#



#31

Terphenyl-d14

Concen: 0.542 ng

RT: 19.819 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BN038155.D

Acq: 07 Nov 2025 15:33

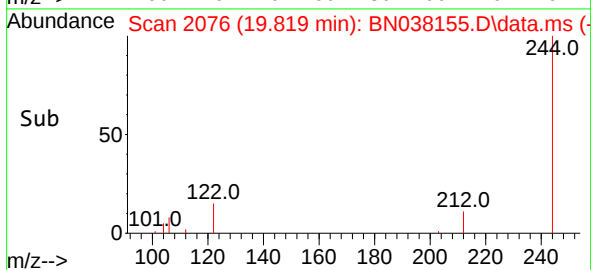
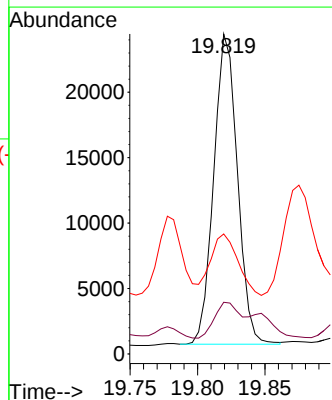
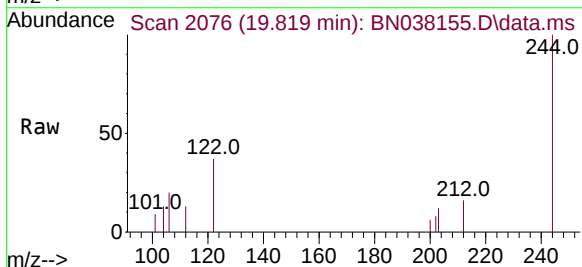
Tgt Ion:244 Resp: 28988

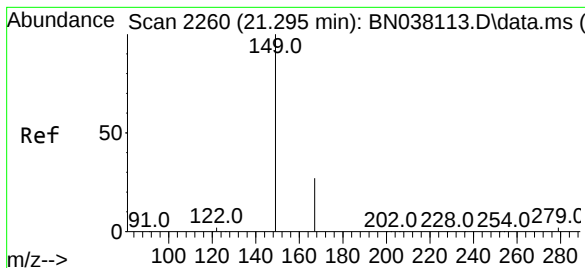
Ion Ratio Lower Upper

244 100

212 16.1 7.8 11.6#

122 37.5 15.2 22.8#

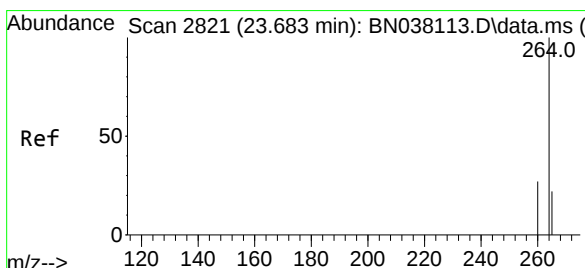
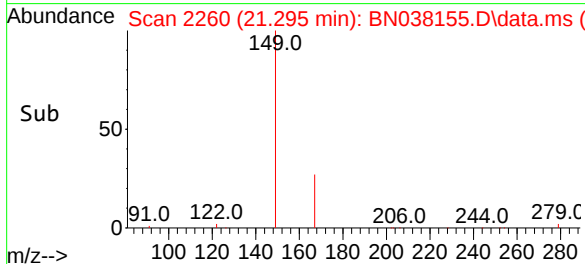
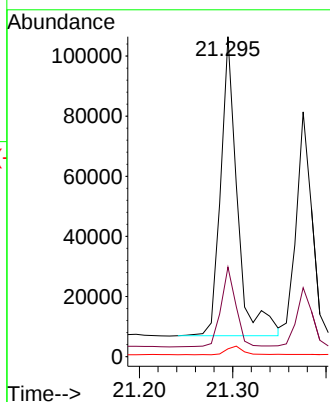
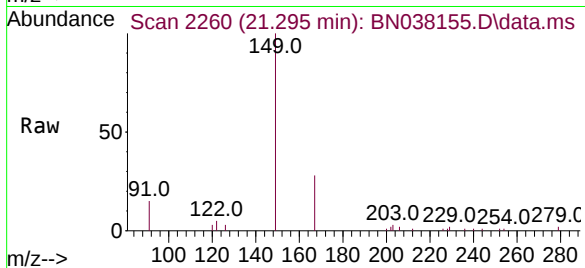




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.682 ng
 RT: 21.295 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN038155.D
 Acq: 07 Nov 2025 15:33

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-1

Tgt Ion:149 Resp: 124078
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.1 31.7
 279 3.1 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 2822
 Delta R.T. 0.006 min
 Lab File: BN038155.D
 Acq: 07 Nov 2025 15:33

Tgt Ion:264 Resp: 21598
 Ion Ratio Lower Upper
 264 100
 260 28.8 21.8 32.8
 265 80.6 68.6 102.8

