

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
 Data File : BN038134.D
 Acq On : 04 Nov 2025 13:32
 Operator : RC/JU
 Sample : Q3494-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW3

Quant Time: Nov 04 13:58:01 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)

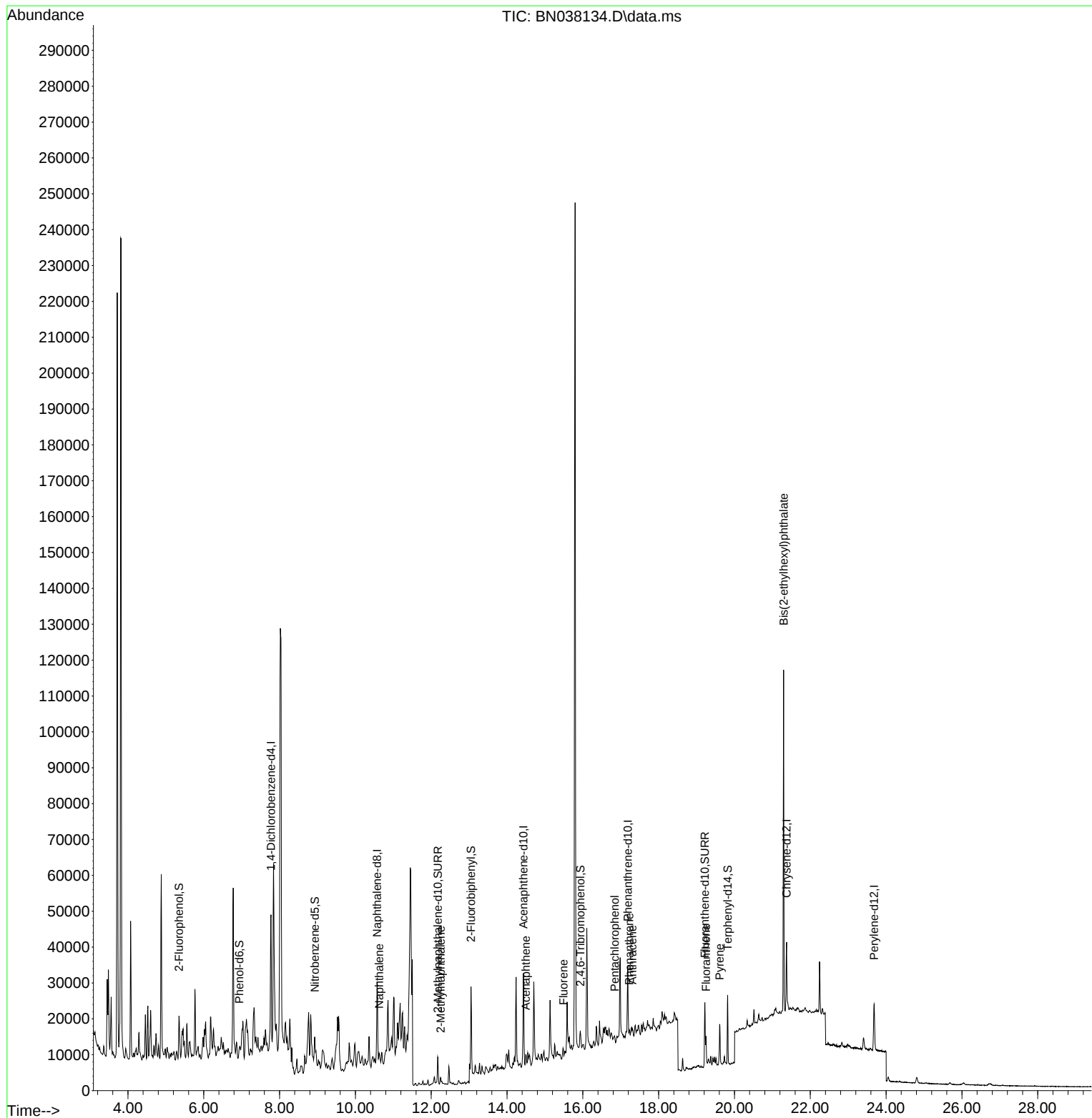
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	8527	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	25794	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14504	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	25082	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	16893	0.400	ng	# 0.00
35) Perylene-d12	23.683	264	18076	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3028	0.151	ng	0.00
5) Phenol-d6	6.937	99	2419	0.099	ng	0.00
8) Nitrobenzene-d5	8.929	82	6360	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10803	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2438	0.408	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19834	0.341	ng	0.00
27) Fluoranthene-d10	19.220	212	19697	0.311	ng	0.00
31) Terphenyl-d14	19.819	244	17460	0.476	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.626	128	3594	0.051	ng	# 73
12) 2-Methylnaphthalene	12.248	142	1672	0.035	ng	# 63
17) Acenaphthene	14.494	154	1398	0.030	ng	97
18) Fluorene	15.489	166	2398	0.040	ng	# 53
24) Pentachlorophenol	16.838	266	507	0.063	ng	95
25) Phenanthrene	17.223	178	1888	0.024	ng	# 59
26) Anthracene	17.310	178	2321	0.033	ng	# 84
28) Fluoranthene	19.248	202	6342	0.071	ng	# 93
30) Pyrene	19.610	202	10055	0.132	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.295	149	79159	2.494	ng	99

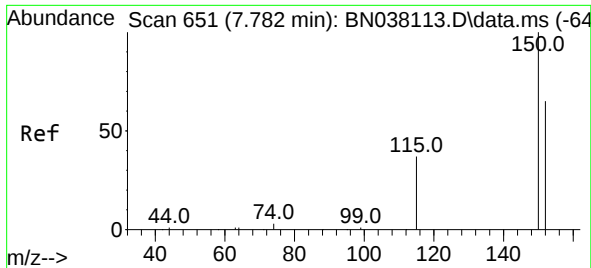
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
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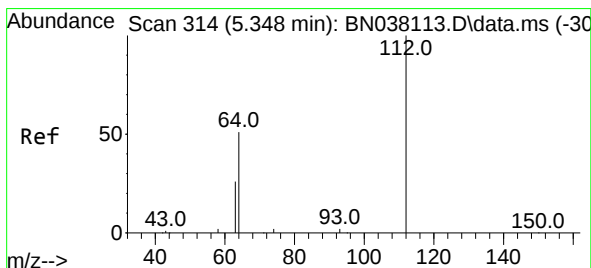
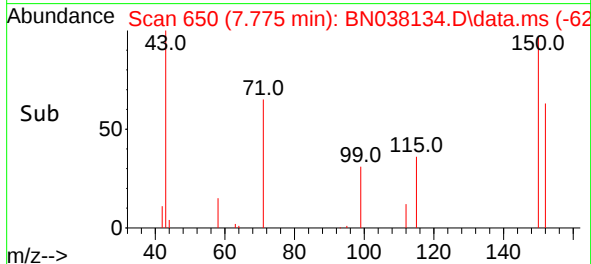
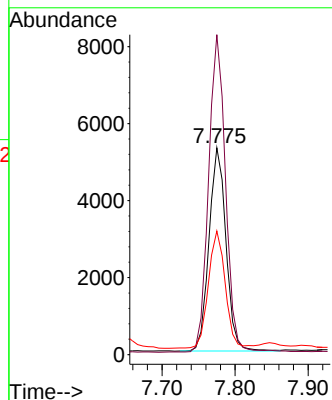
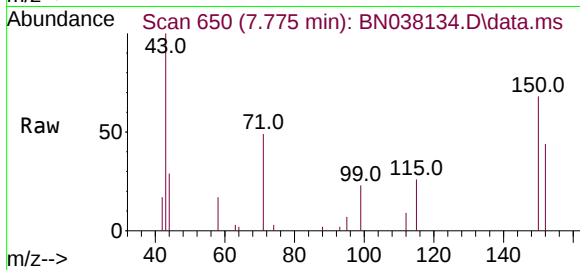




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038134.D
 Acq: 04 Nov 2025 13:32

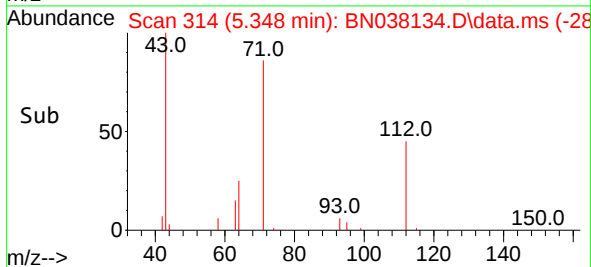
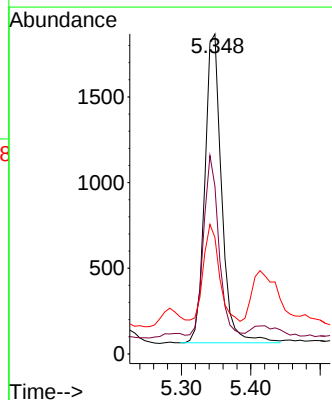
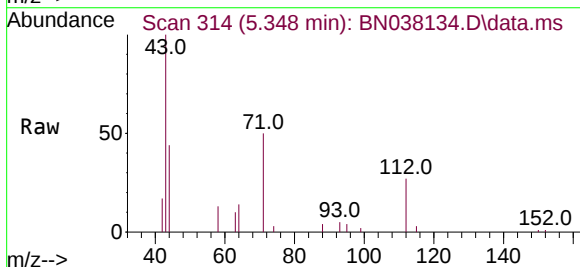
Instrument :
 BNA_N
 ClientSampleId :
 MW3

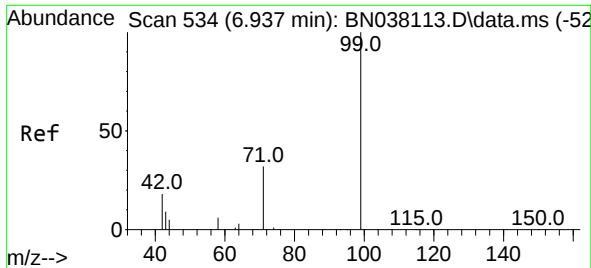
Tgt Ion:152 Resp: 8527
 Ion Ratio Lower Upper
 152 100
 150 154.7 122.3 183.5
 115 59.8 47.4 71.0



#4
 2-Fluorophenol
 Concen: 0.151 ng
 RT: 5.348 min Scan# 314
 Delta R.T. -0.000 min
 Lab File: BN038134.D
 Acq: 04 Nov 2025 13:32

Tgt Ion:112 Resp: 3028
 Ion Ratio Lower Upper
 112 100
 64 54.1 45.4 68.0
 63 32.8 23.2 34.8

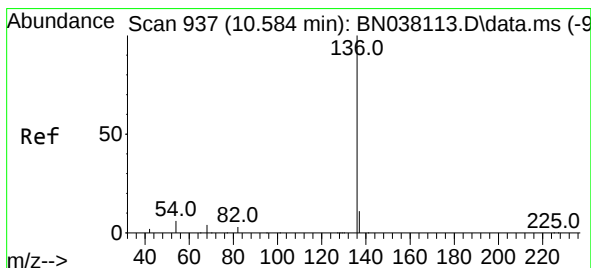
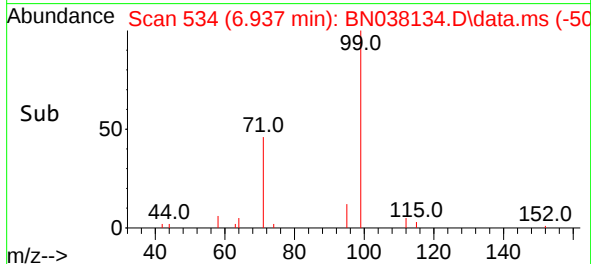
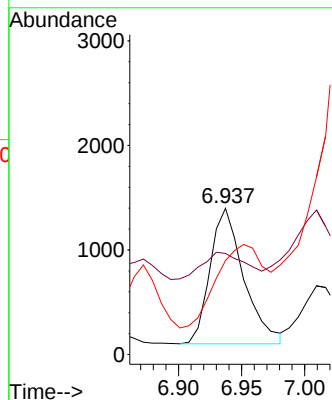
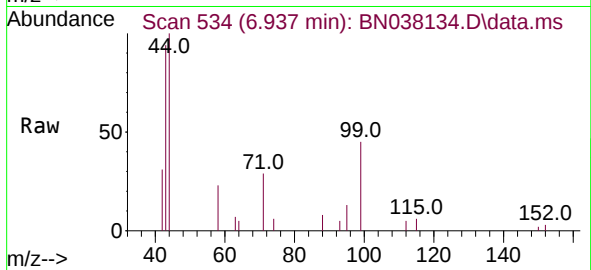




#5
Phenol-d6
Concen: 0.099 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038134.D
Acq: 04 Nov 2025 13:32

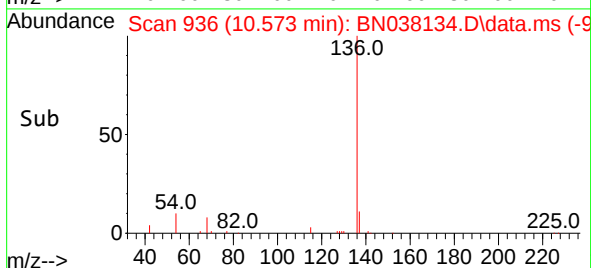
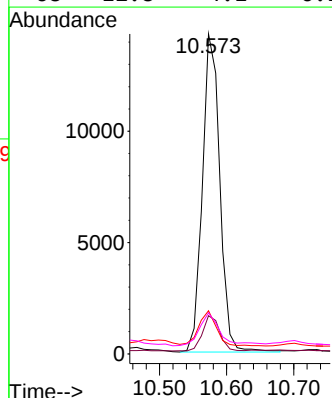
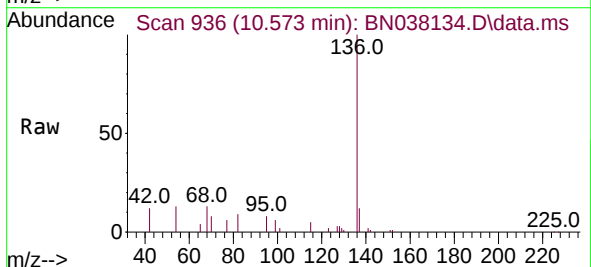
Instrument :
BNA_N
ClientSampleId :
MW3

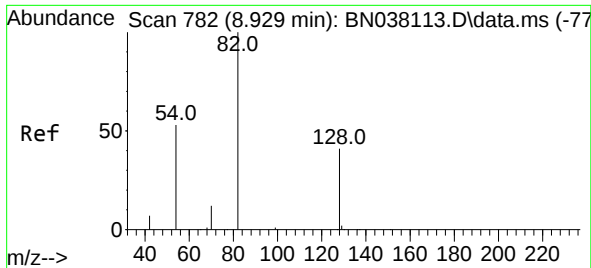
Tgt Ion: 99 Resp: 2419
Ion Ratio Lower Upper
99 100
42 25.4 16.6 24.8#
71 0.0 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038134.D
Acq: 04 Nov 2025 13:32

Tgt Ion: 136 Resp: 25794
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.4
54 13.5 5.2 7.8#
68 12.8 4.1 6.1#

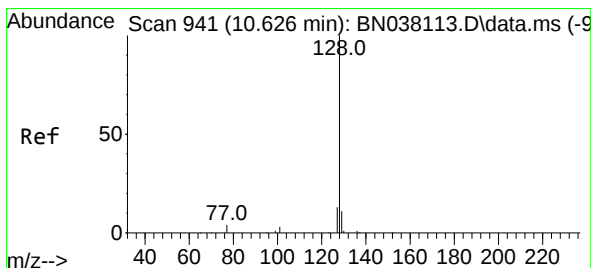
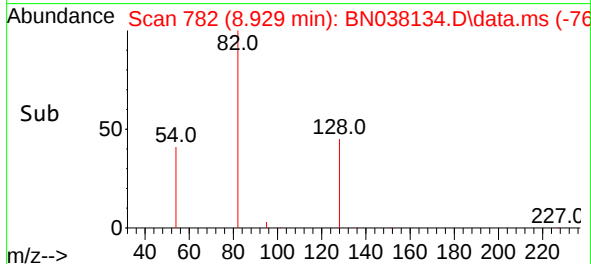
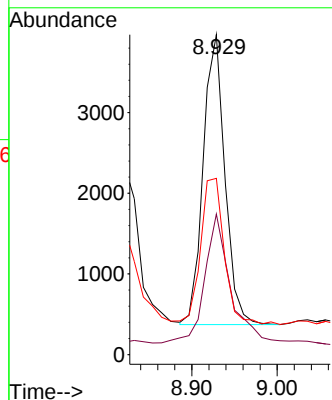
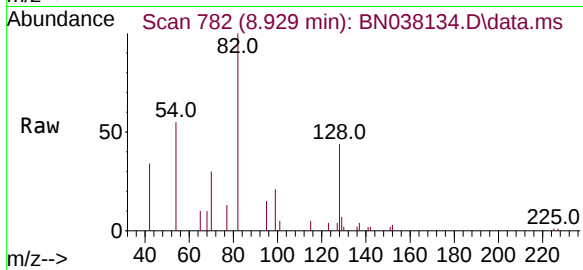




#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 8.929 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BN038134.D
 Acq: 04 Nov 2025 13:32

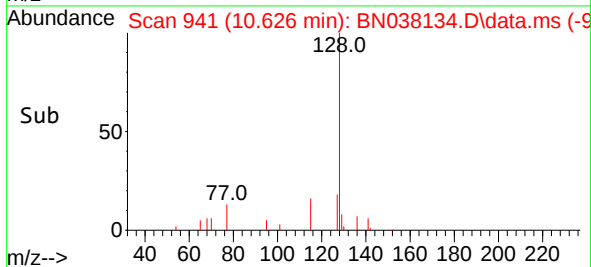
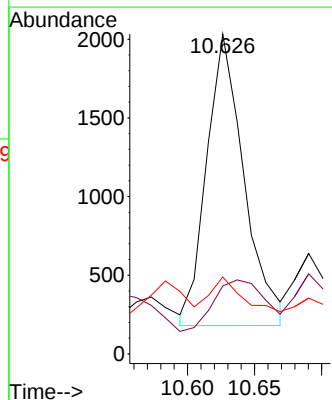
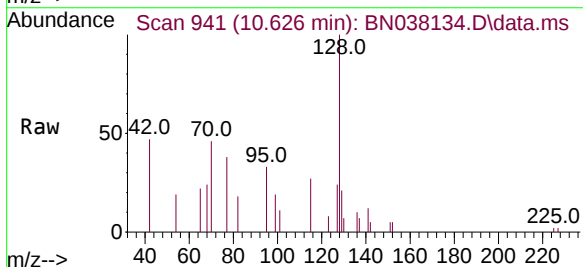
Instrument :
 BNA_N
 ClientSampleId :
 MW3

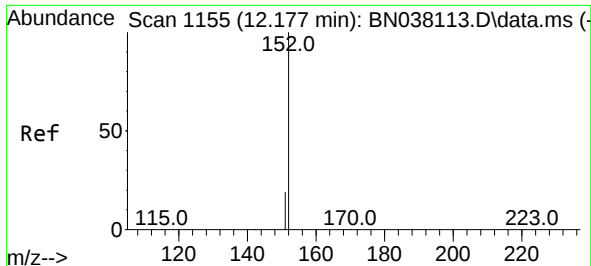
Tgt Ion:	82	Resp:	6360
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.1	51.1
54	55.1	43.5	65.3



#9
 Naphthalene
 Concen: 0.051 ng
 RT: 10.626 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: BN038134.D
 Acq: 04 Nov 2025 13:32

Tgt Ion:	128	Resp:	3594
Ion	Ratio	Lower	Upper
128	100		
129	21.2	9.1	13.7#
127	24.0	10.5	15.7#

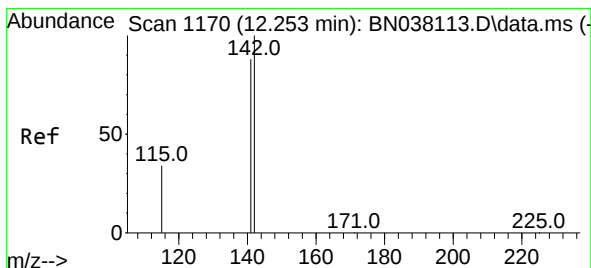
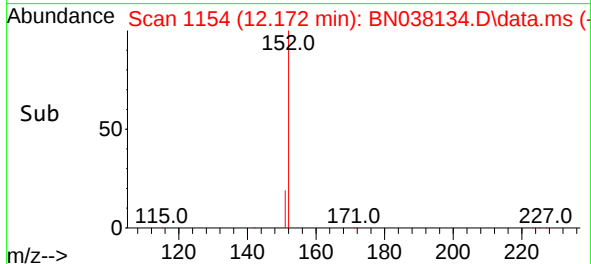
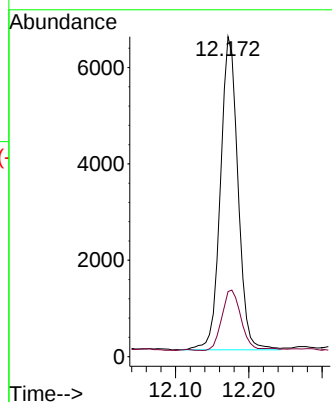
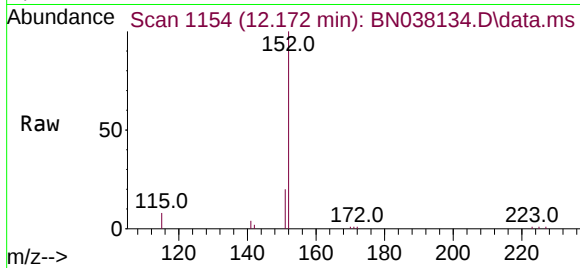




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038134.D
Acq: 04 Nov 2025 13:32

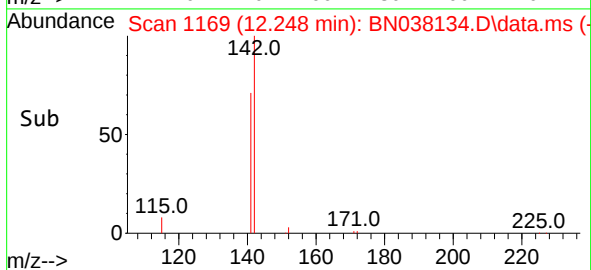
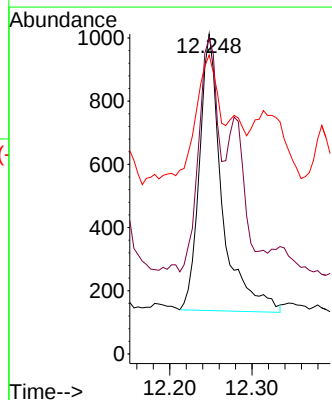
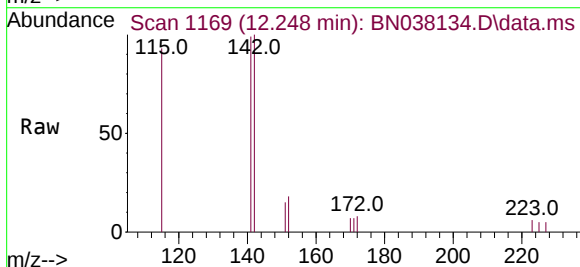
Instrument :
BNA_N
ClientSampleId :
MW3

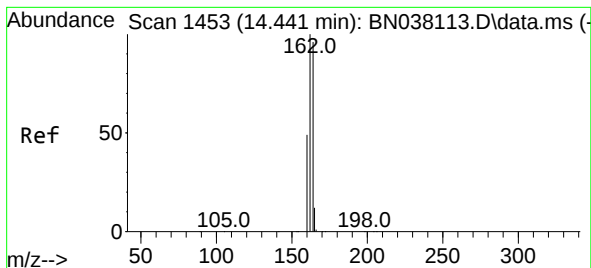
Tgt Ion:152 Resp: 10803
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#12
2-Methylnaphthalene
Concen: 0.035 ng
RT: 12.248 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BN038134.D
Acq: 04 Nov 2025 13:32

Tgt Ion:142 Resp: 1672
Ion Ratio Lower Upper
142 100
141 98.7 70.3 105.5
115 93.4 27.8 41.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

Instrument :

BNA_N

ClientSampleId :

MW3

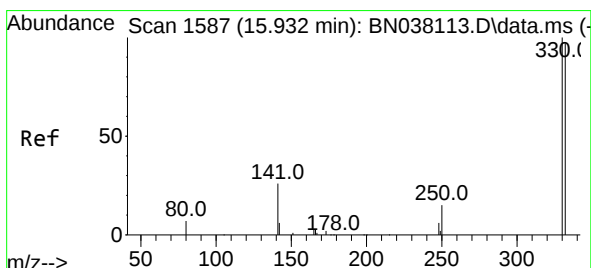
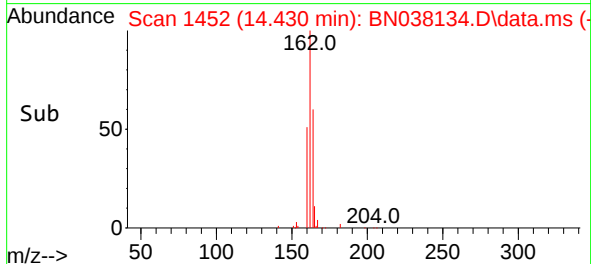
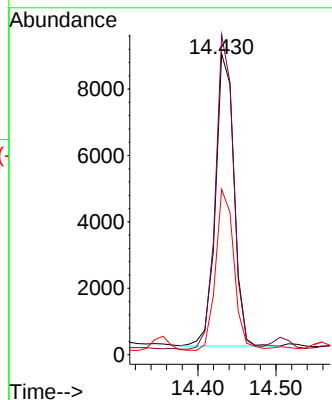
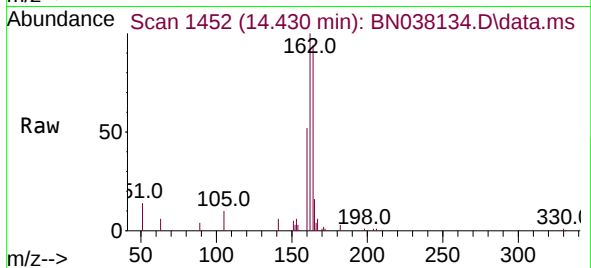
Tgt Ion:164 Resp: 14504

Ion Ratio Lower Upper

164 100

162 106.4 83.0 124.4

160 55.0 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.408 ng

RT: 15.932 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

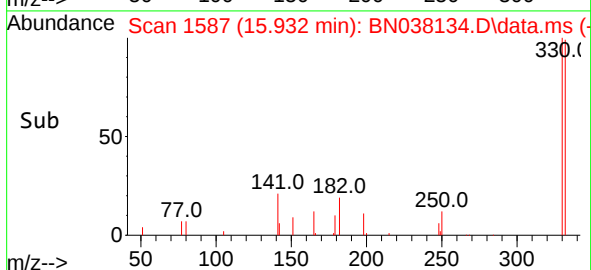
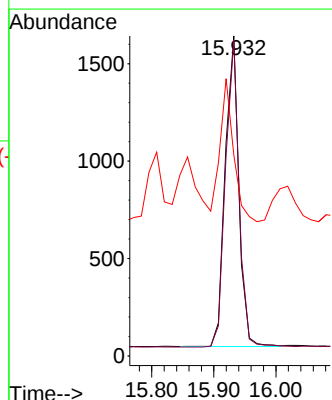
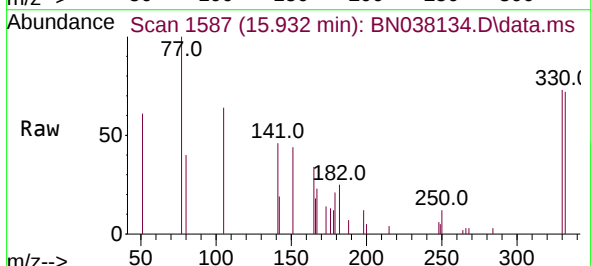
Tgt Ion:330 Resp: 2438

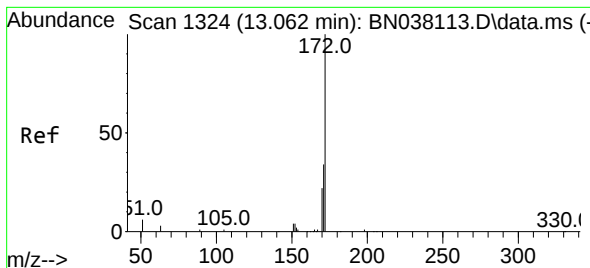
Ion Ratio Lower Upper

330 100

332 98.4 76.6 114.8

141 45.5 34.1 51.1





#15

2-Fluorobiphenyl

Concen: 0.341 ng

RT: 13.051 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

Instrument :

BNA_N

ClientSampleId :

MW3

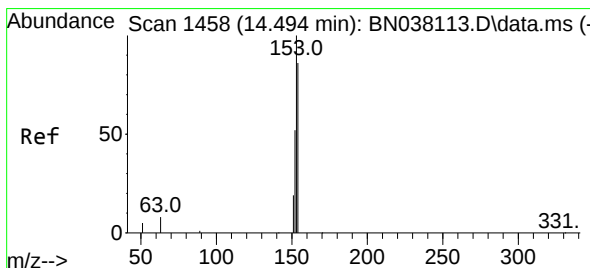
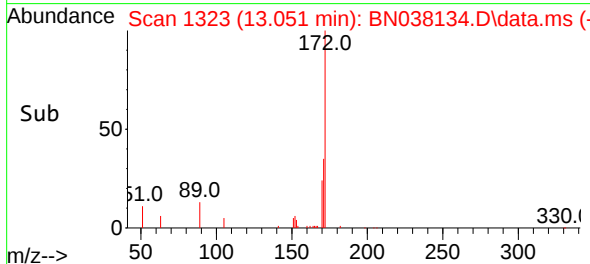
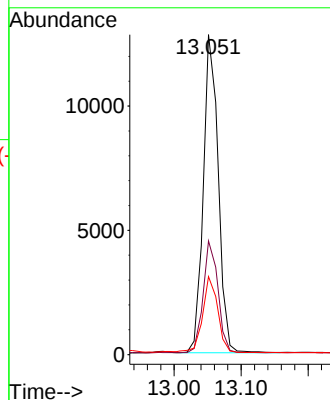
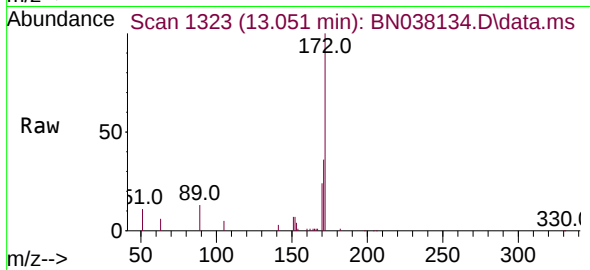
Tgt Ion:172 Resp: 19834

Ion Ratio Lower Upper

172 100

171 35.5 27.8 41.6

170 24.4 18.1 27.1



#17

Acenaphthene

Concen: 0.030 ng

RT: 14.494 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

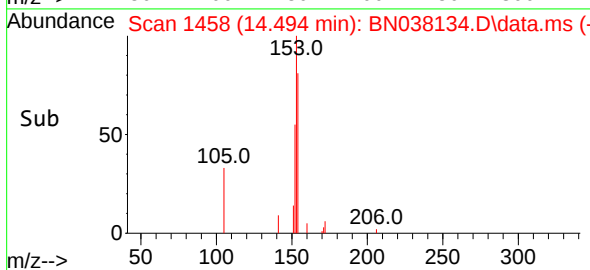
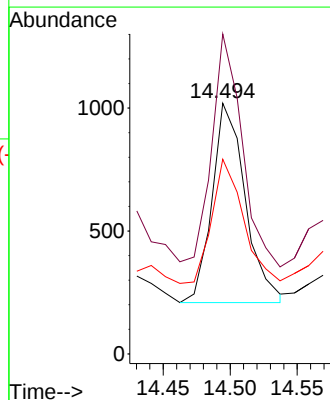
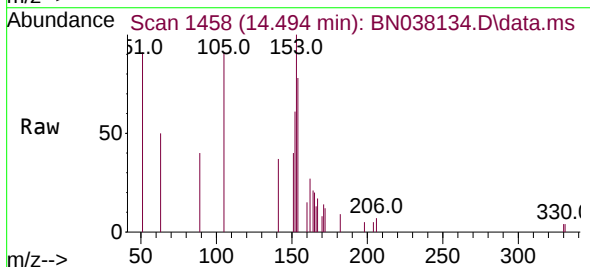
Tgt Ion:154 Resp: 1398

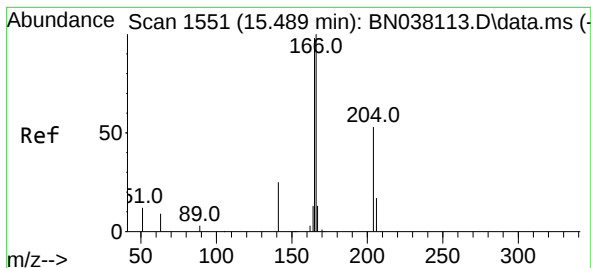
Ion Ratio Lower Upper

154 100

153 108.4 90.0 135.0

152 58.8 47.3 70.9





#18

Fluorene

Concen: 0.040 ng

RT: 15.489 min Scan# 1551

Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

Instrument :

BNA_N

ClientSampleId :

MW3

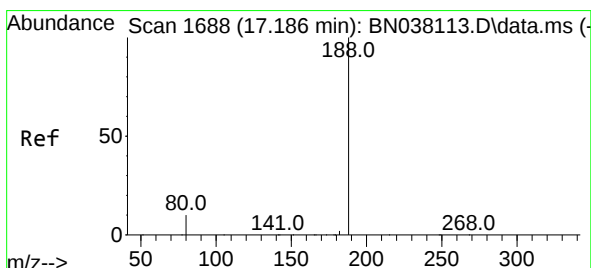
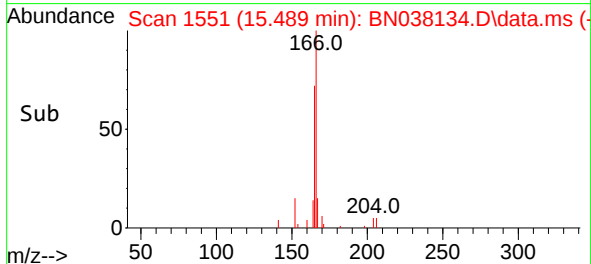
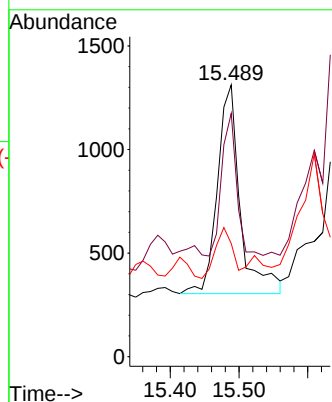
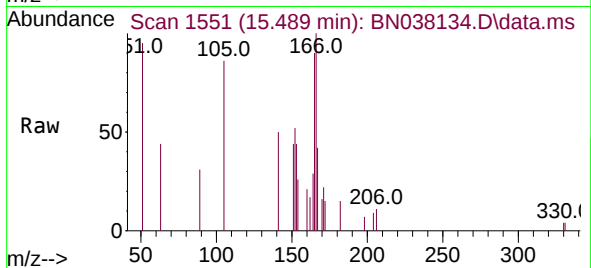
Tgt Ion:166 Resp: 2398

Ion Ratio Lower Upper

166 100

165 47.5 79.0 118.4#

167 19.0 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: BN038134.D

Acq: 04 Nov 2025 13:32

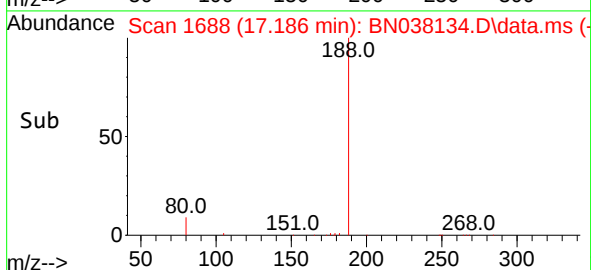
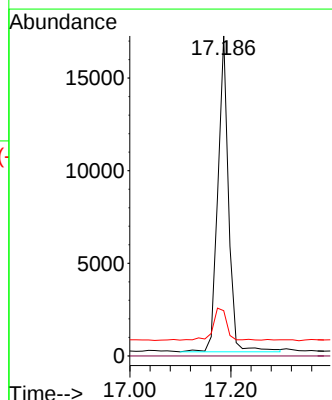
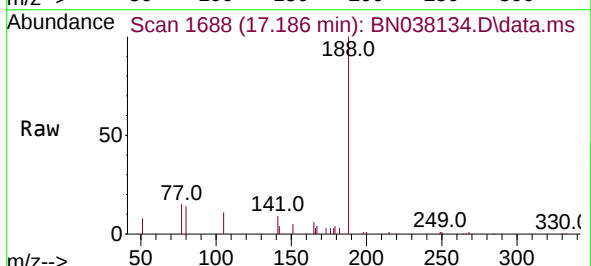
Tgt Ion:188 Resp: 25082

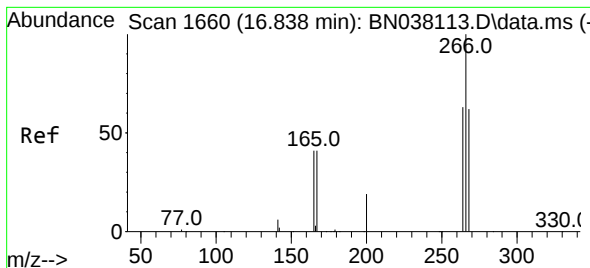
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 8.6 13.0#





#24

Pentachlorophenol

Concen: 0.063 ng

RT: 16.838 min Scan# 1660

Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

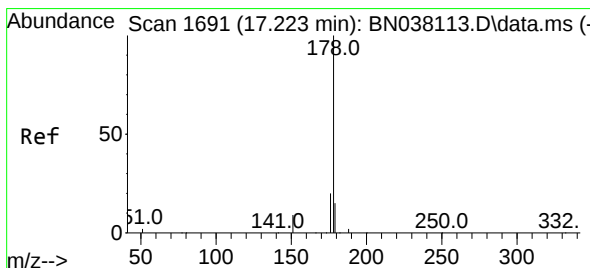
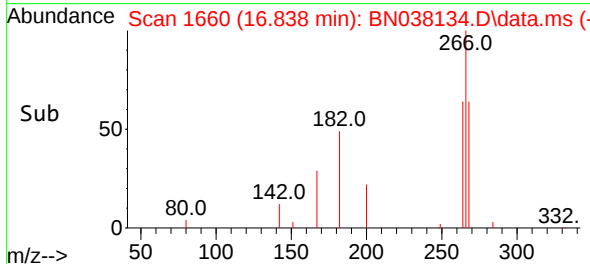
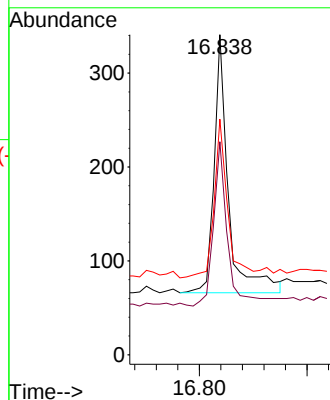
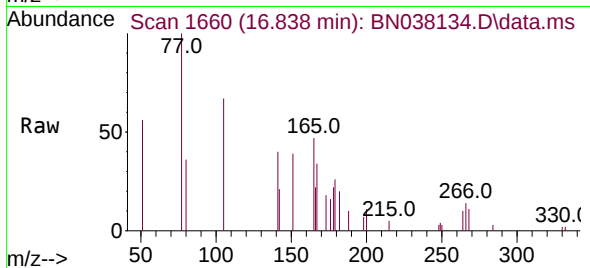
Instrument :

BNA_N

ClientSampleId :

MW3

Tgt Ion:	266	Resp:	507
Ion Ratio	Lower	Upper	
266	100		
264	62.1	49.3	73.9
268	56.4	50.6	75.8



#25

Phenanthrene

Concen: 0.024 ng

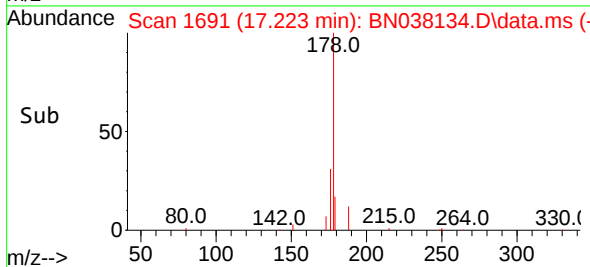
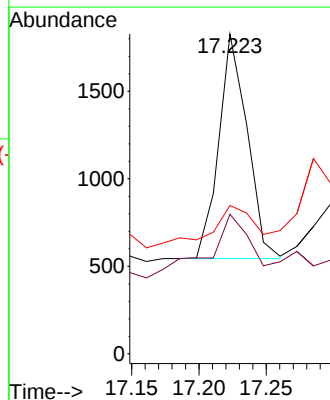
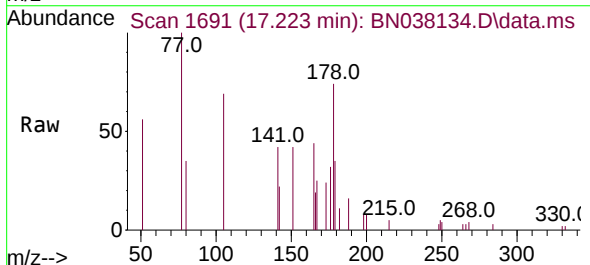
RT: 17.223 min Scan# 1691

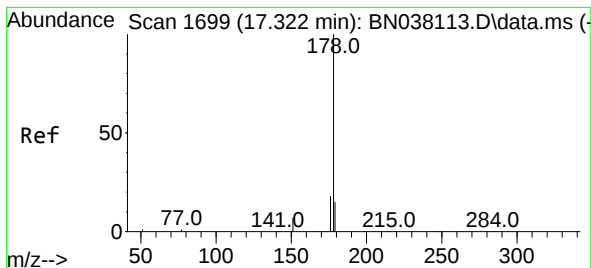
Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

Tgt Ion:	178	Resp:	1888
Ion Ratio	Lower	Upper	
178	100		
176	45.8	15.5	23.3#
179	23.4	12.2	18.4#





#26

Anthracene

Concen: 0.033 ng

RT: 17.310 min Scan# 1698

Delta R.T. -0.012 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

Instrument :

BNA_N

ClientSampleId :

MW3

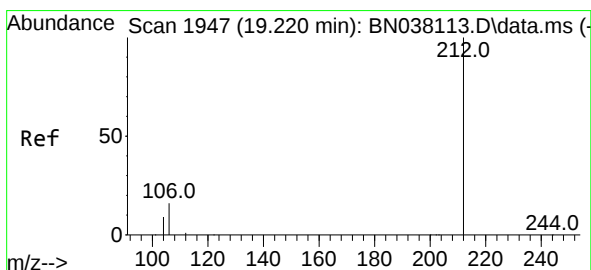
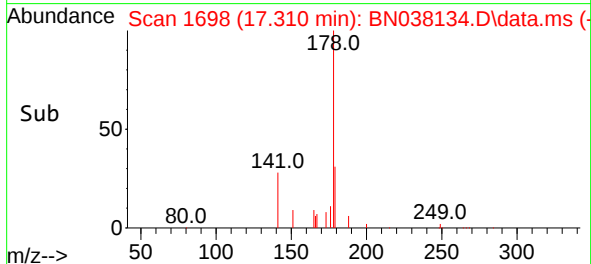
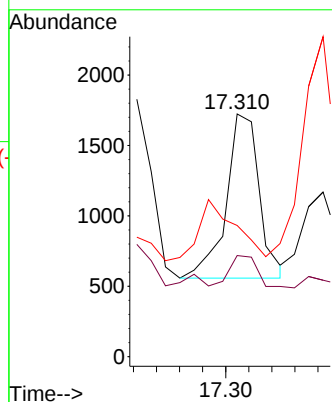
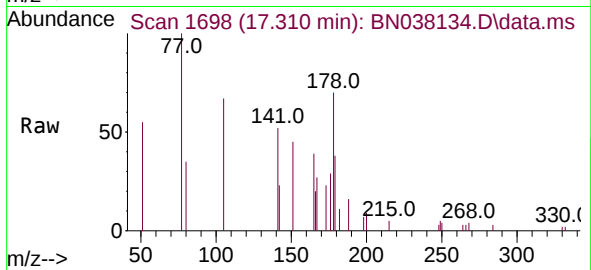
Tgt Ion:178 Resp: 2321

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 0.0 11.8 17.8#



#27

Fluoranthene-d10

Concen: 0.311 ng

RT: 19.220 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

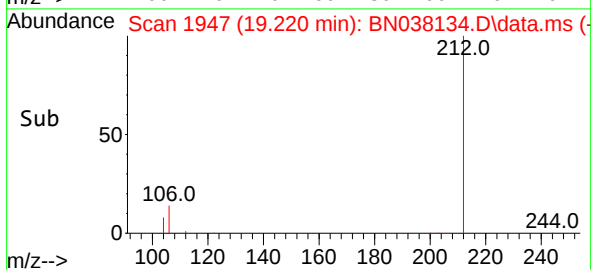
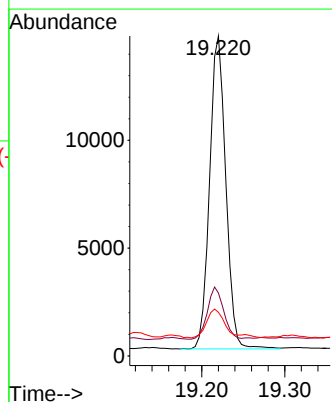
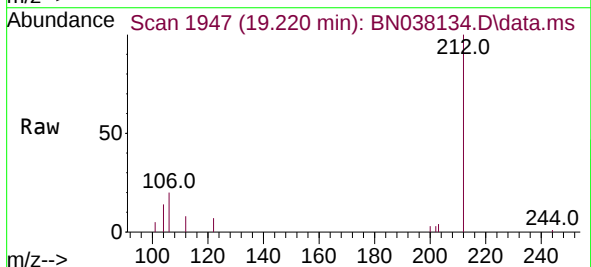
Tgt Ion:212 Resp: 19697

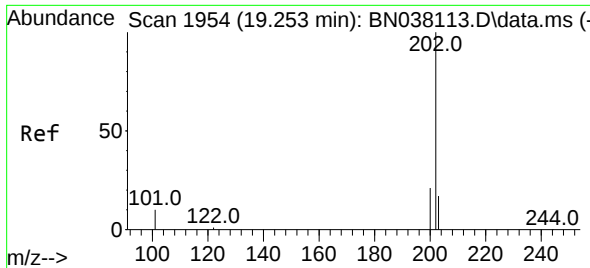
Ion Ratio Lower Upper

212 100

106 16.6 12.6 19.0

104 10.6 7.1 10.7

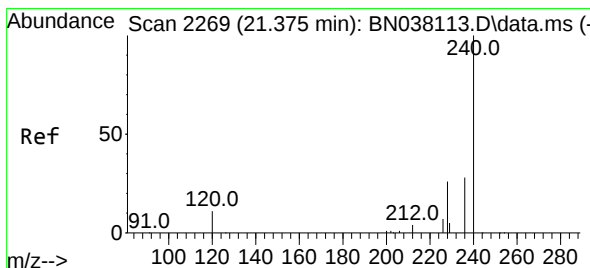
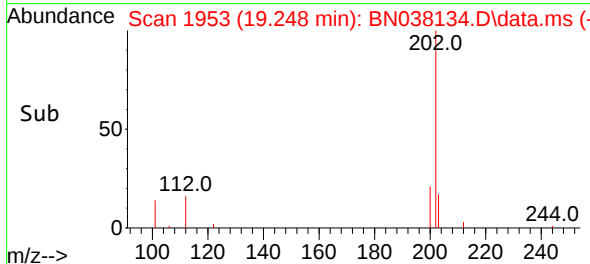
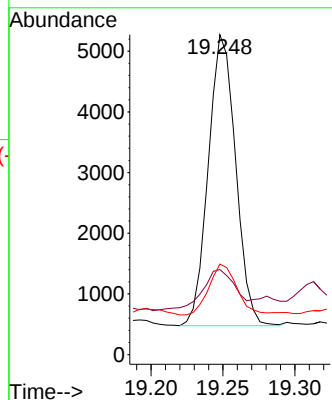
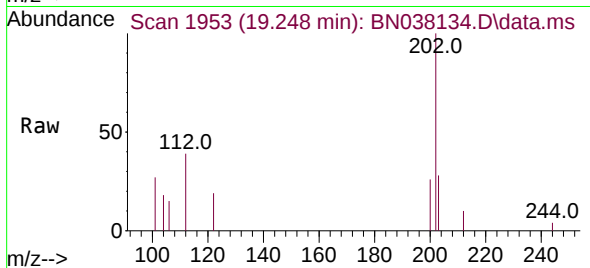




#28
Fluoranthene
Concen: 0.071 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN038134.D
Acq: 04 Nov 2025 13:32

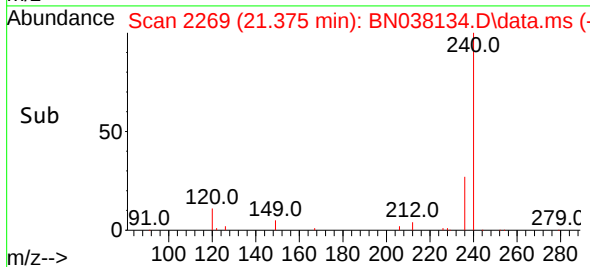
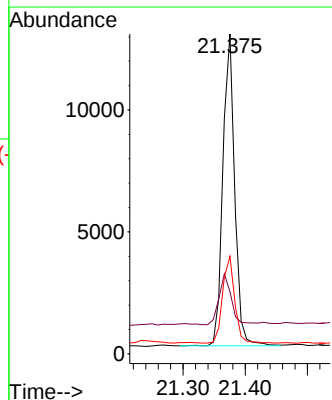
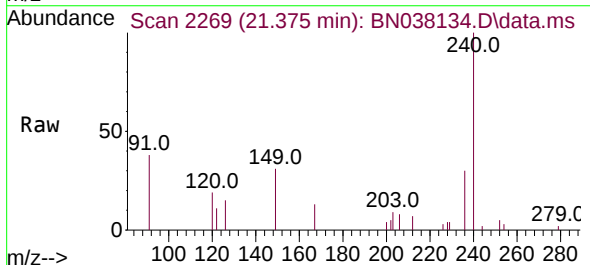
Instrument :
BNA_N
ClientSampleId :
MW3

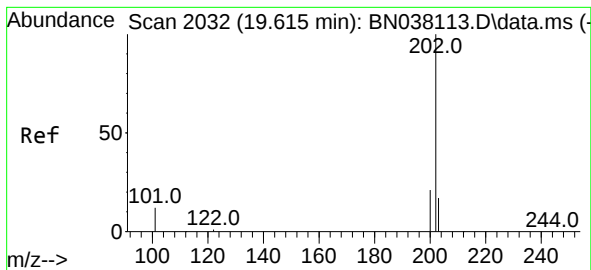
Tgt Ion:202 Resp: 6342
Ion Ratio Lower Upper
202 100
101 16.8 9.4 14.2#
203 18.0 13.4 20.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038134.D
Acq: 04 Nov 2025 13:32

Tgt Ion:240 Resp: 16893
Ion Ratio Lower Upper
240 100
120 19.4 10.7 16.1#
236 30.4 23.1 34.7





#30

Pyrene

Concen: 0.132 ng

RT: 19.610 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

Instrument :

BNA_N

ClientSampleId :

MW3

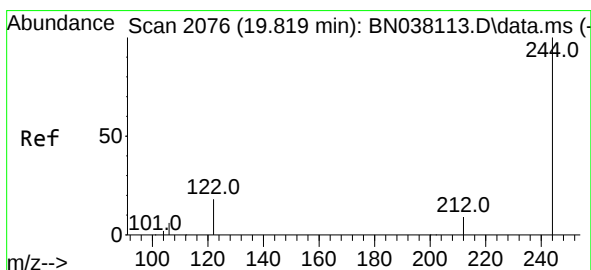
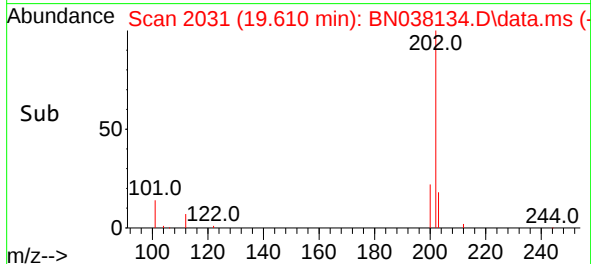
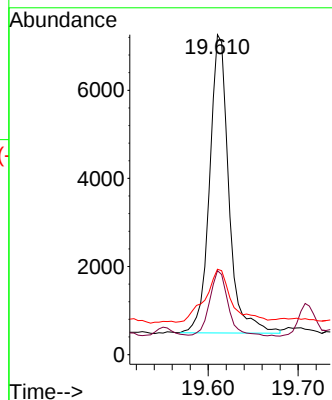
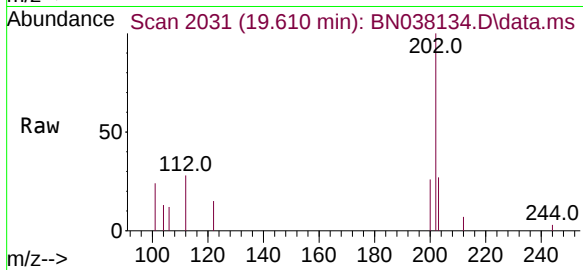
Tgt Ion:202 Resp: 10055

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

203 24.3 14.2 21.2#



#31

Terphenyl-d14

Concen: 0.476 ng

RT: 19.819 min Scan# 2076

Delta R.T. -0.000 min

Lab File: BN038134.D

Acq: 04 Nov 2025 13:32

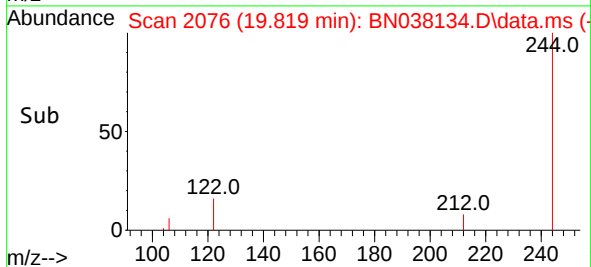
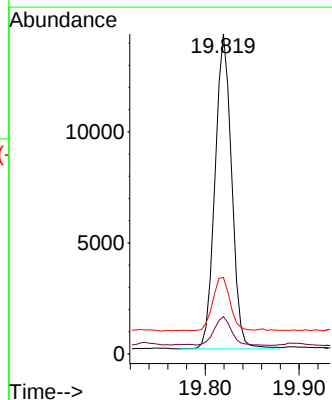
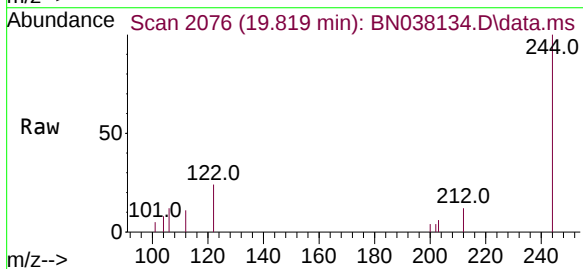
Tgt Ion:244 Resp: 17460

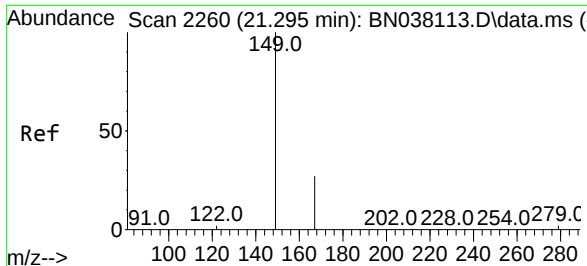
Ion Ratio Lower Upper

244 100

212 11.6 7.8 11.6#

122 23.9 15.2 22.8#

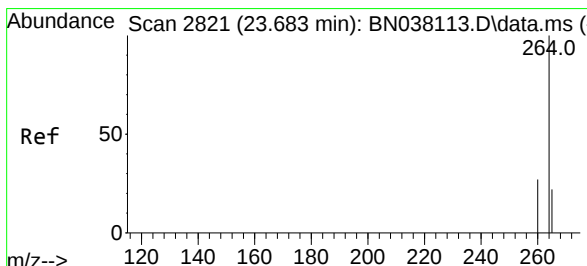
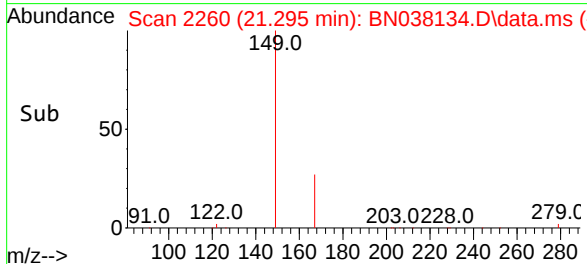
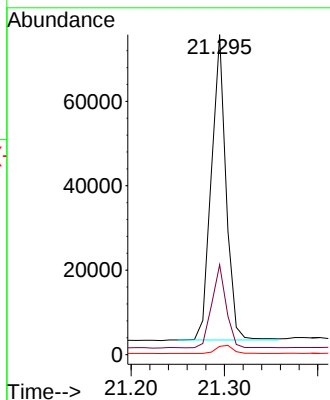
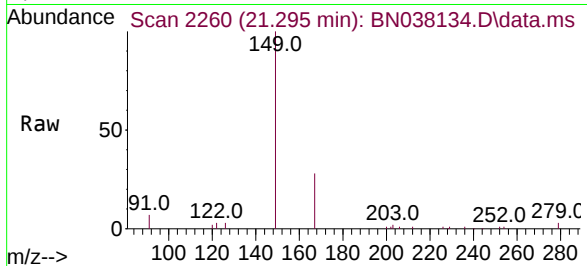




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.494 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN038134.D
 Acq: 04 Nov 2025 13:32

Instrument :
 BNA_N
 ClientSampleId :
 MW3

Tgt Ion:149 Resp: 79159
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.1 31.7
 279 3.1 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: BN038134.D
 Acq: 04 Nov 2025 13:32

Tgt Ion:264 Resp: 18076
 Ion Ratio Lower Upper
 264 100
 260 28.2 21.8 32.8
 265 79.6 68.6 102.8

