

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038159.D
 Acq On : 07 Nov 2025 17:58
 Operator : RC/JU
 Sample : Q3534-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-3

Quant Time: Nov 08 03:05:06 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)

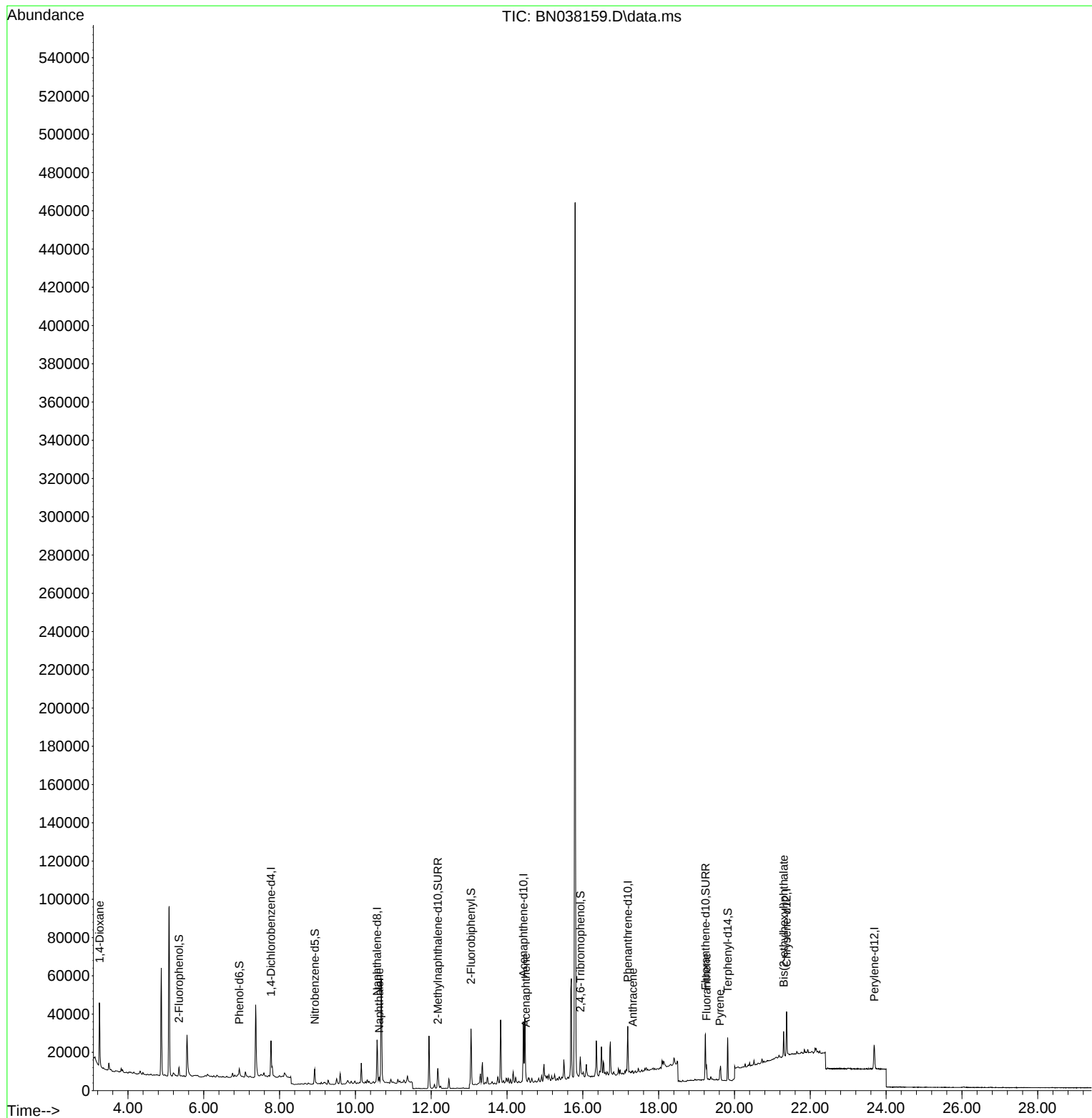
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9137	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	30158	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	18614	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	32744	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18258	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	17319	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3536	0.164	ng	0.00
5) Phenol-d6	6.937	99	3445	0.131	ng	0.00
8) Nitrobenzene-d5	8.929	82	6804	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	12636	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	3294	0.430	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	23012	0.309	ng	0.00
27) Fluoranthene-d10	19.234	212	25680	0.311	ng	0.01
31) Terphenyl-d14	19.819	244	21461	0.541	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	21027	2.227	ng	99
9) Naphthalene	10.626	128	3732	0.045	ng	# 88
17) Acenaphthene	14.494	154	1942	0.033	ng	# 80
26) Anthracene	17.322	178	1917	0.021	ng	# 79
28) Fluoranthene	19.262	202	5681	0.049	ng	# 88
30) Pyrene	19.615	202	4139	0.050	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.295	149	12875	0.375	ng	97

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

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MW-EB-3

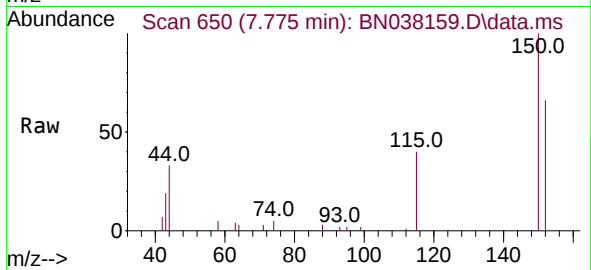
Quant Time: Nov 08 03:05:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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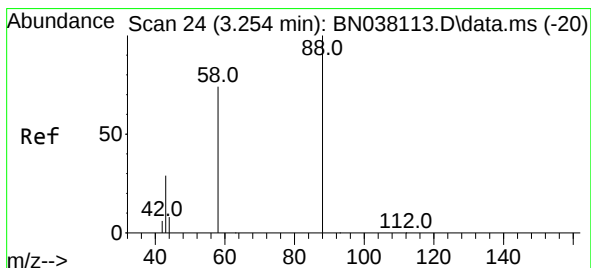
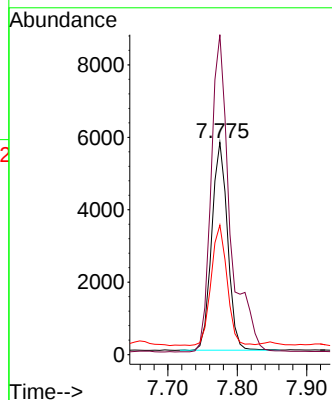
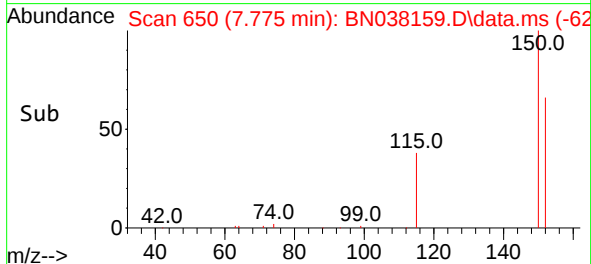


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038159.D
 Acq: 07 Nov 2025 17:58

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-3

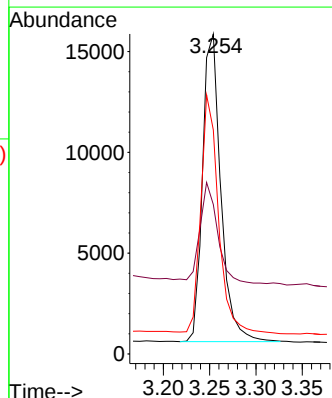
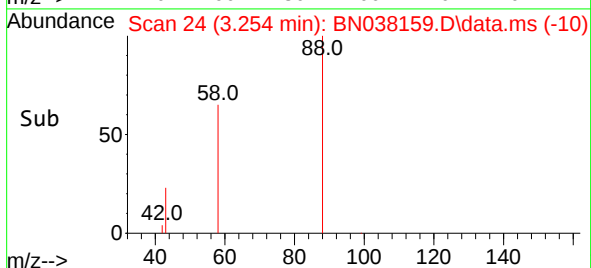
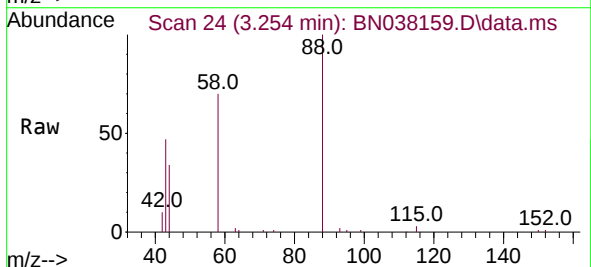


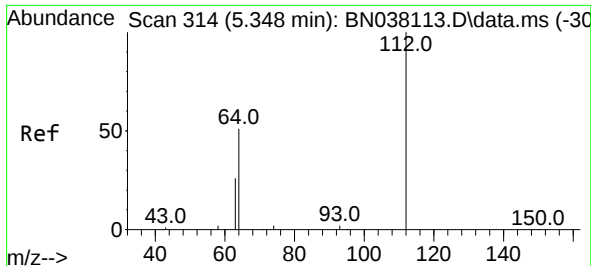
Tgt Ion:152 Resp: 9137
 Ion Ratio Lower Upper
 152 100
 150 150.8 122.3 183.5
 115 61.0 47.4 71.0



#2
 1,4-Dioxane
 Concen: 2.227 ng
 RT: 3.254 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN038159.D
 Acq: 07 Nov 2025 17:58

Tgt Ion: 88 Resp: 21027
 Ion Ratio Lower Upper
 88 100
 43 32.5 24.3 36.5
 58 75.1 60.4 90.6

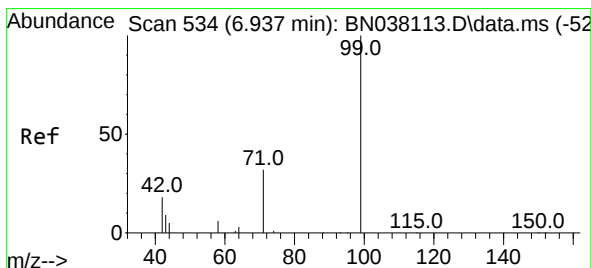
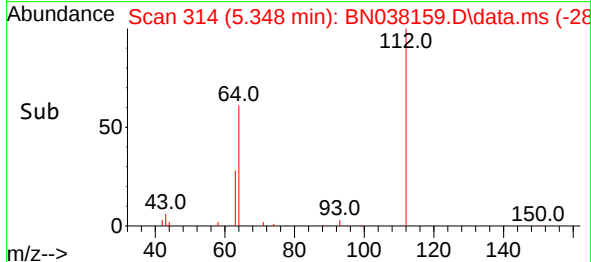
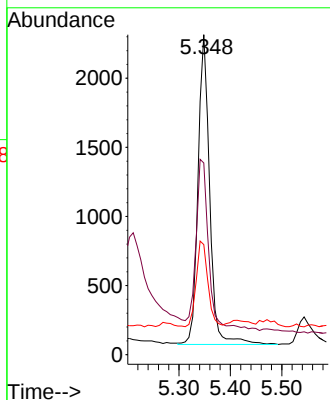
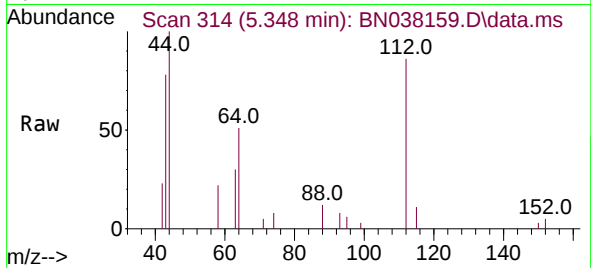




#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

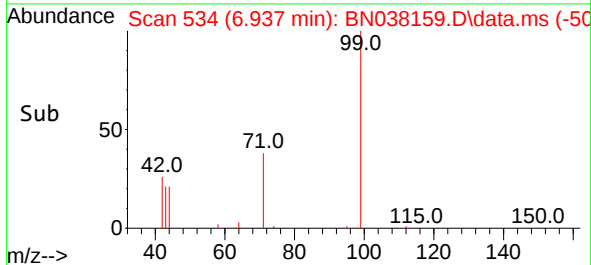
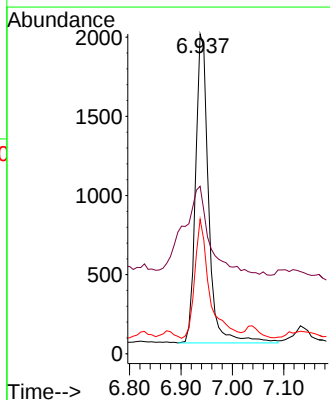
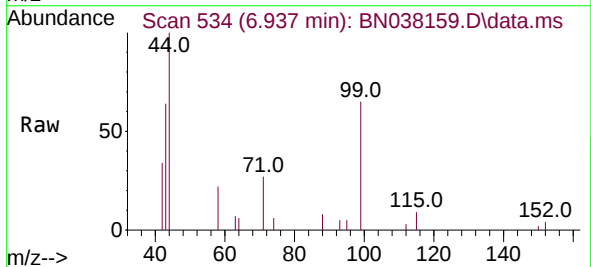
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

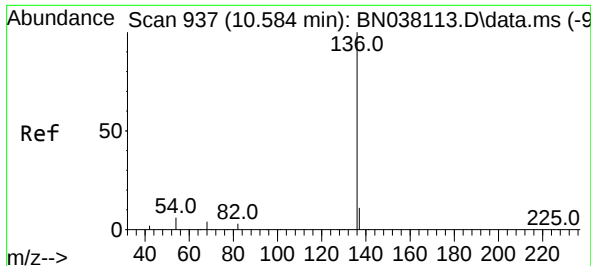
Tgt Ion:112 Resp: 3536
Ion Ratio Lower Upper
112 100
64 64.2 45.4 68.0
63 28.2 23.2 34.8



#5
Phenol-d6
Concen: 0.131 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion: 99 Resp: 3445
Ion Ratio Lower Upper
99 100
42 59.6 16.6 24.8#
71 43.7 25.4 38.2#

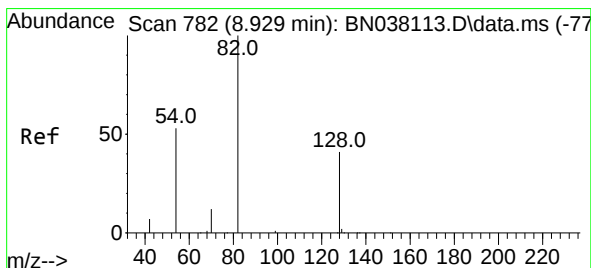
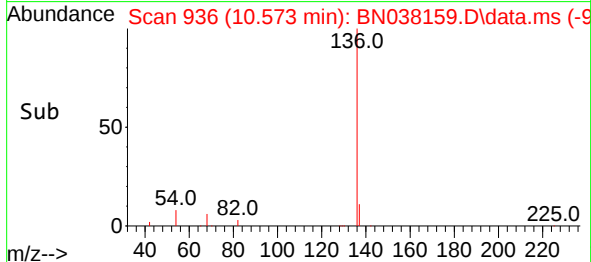
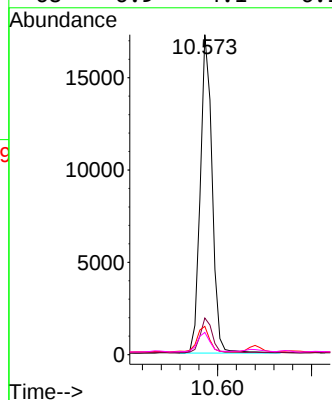
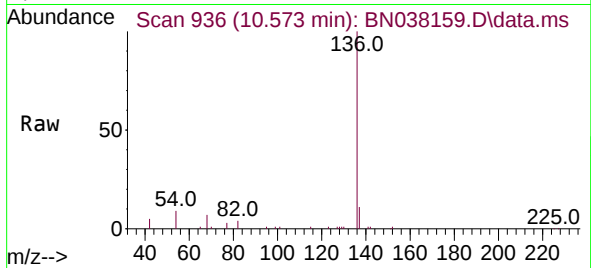




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

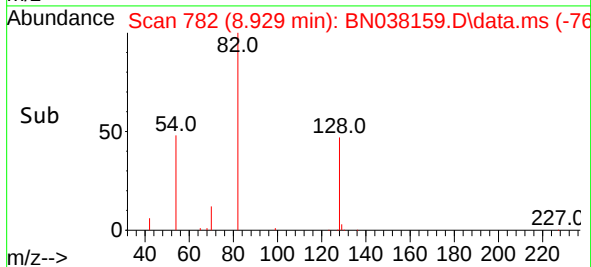
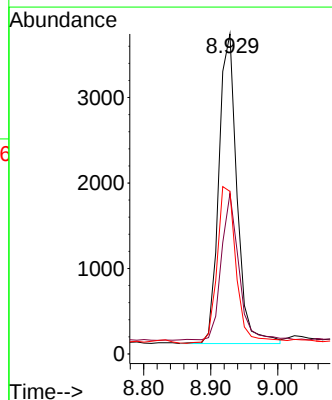
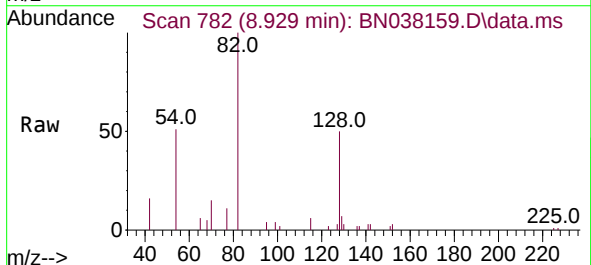
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

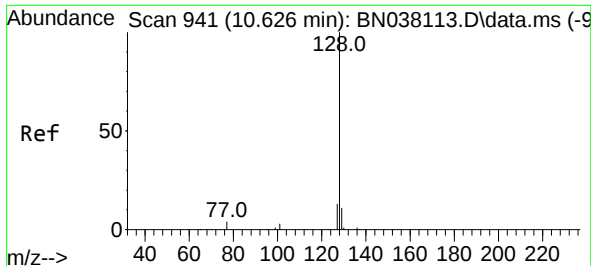
Tgt Ion:	136	Resp:	30158
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	8.8	5.2	7.8#
68	6.9	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.929 min Scan# 782
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:	82	Resp:	6804
Ion Ratio	Lower	Upper	
82	100		
128	50.1	34.1	51.1
54	50.8	43.5	65.3

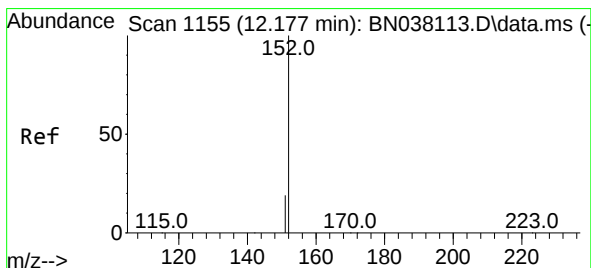
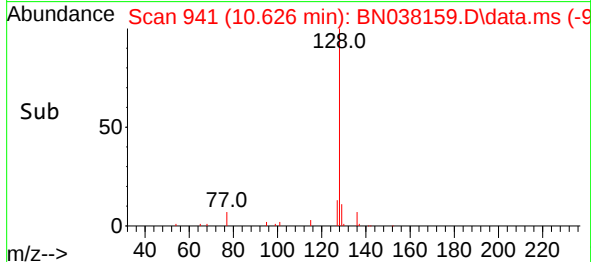
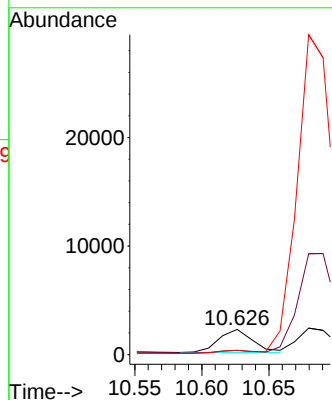
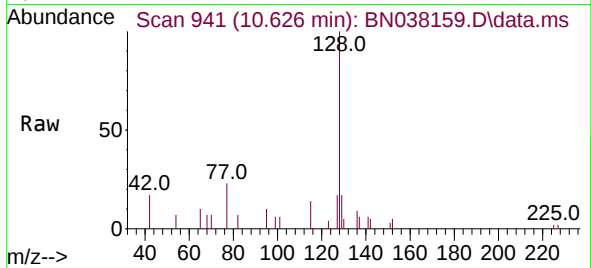




#9
Naphthalene
Concen: 0.045 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

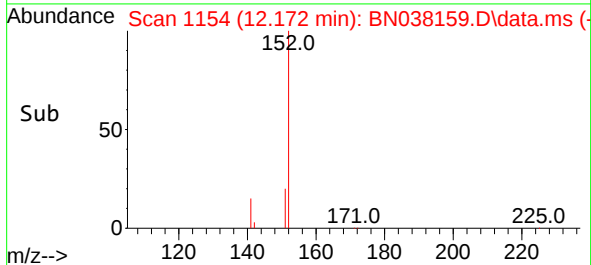
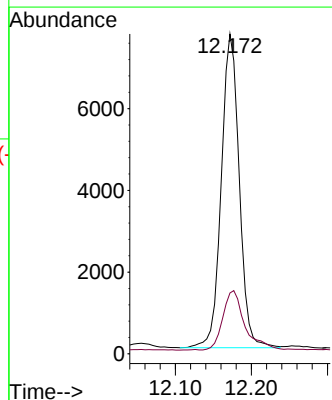
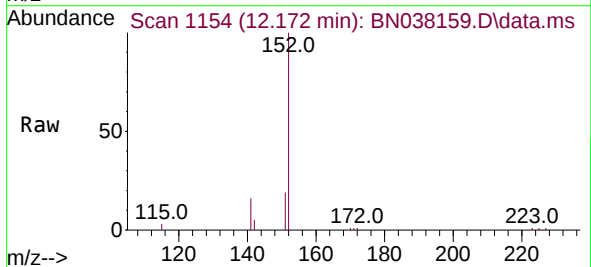
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

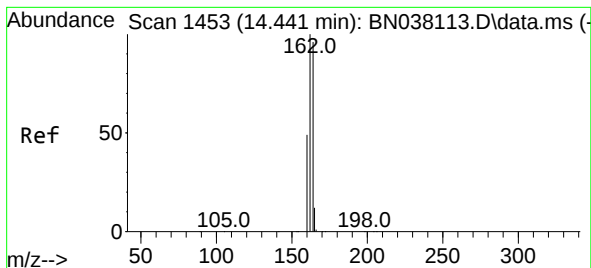
Tgt Ion:128 Resp: 3732
Ion Ratio Lower Upper
128 100
129 17.0 9.1 13.7#
127 16.7 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:152 Resp: 12636
Ion Ratio Lower Upper
152 100
151 23.4 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.430 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

Instrument :

BNA_N

ClientSampleId :

MW-EB-3

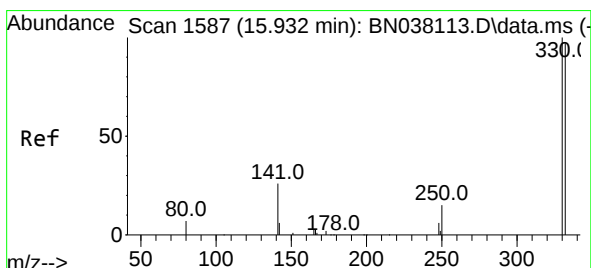
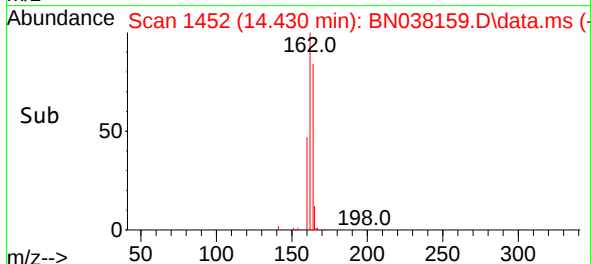
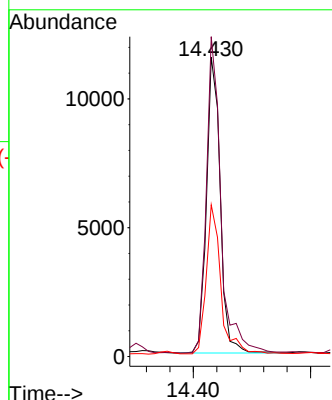
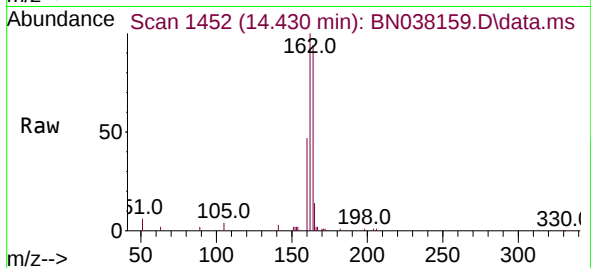
Tgt Ion:164 Resp: 18614

Ion Ratio Lower Upper

164 100

162 106.9 83.0 124.4

160 50.7 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.430 ng

RT: 15.932 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

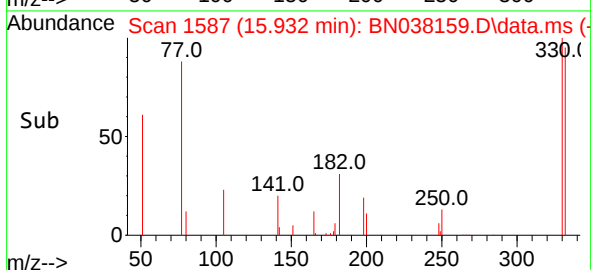
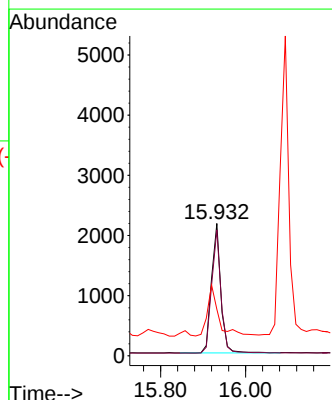
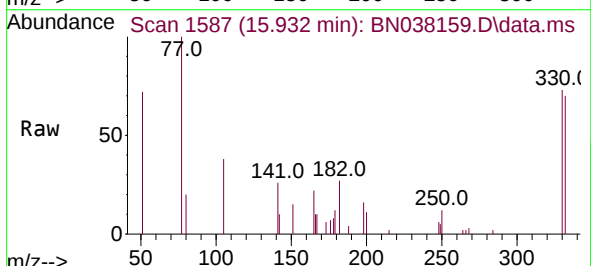
Tgt Ion:330 Resp: 3294

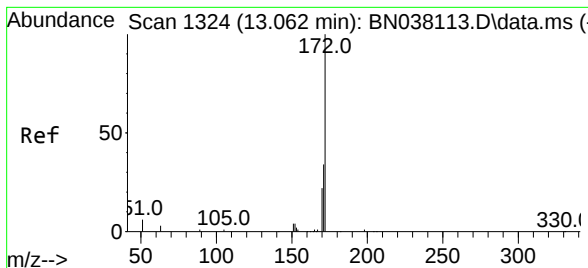
Ion Ratio Lower Upper

330 100

332 94.8 76.6 114.8

141 46.2 34.1 51.1

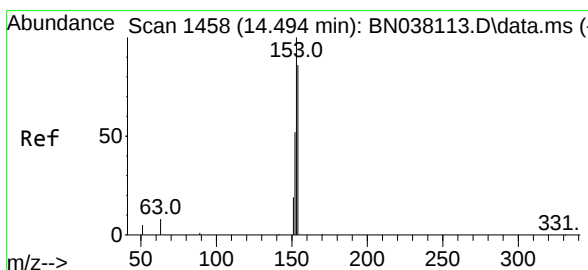
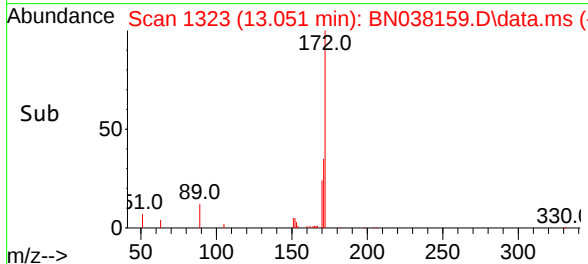
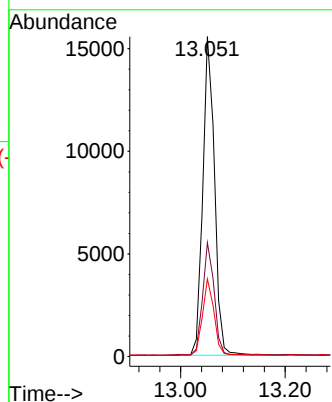
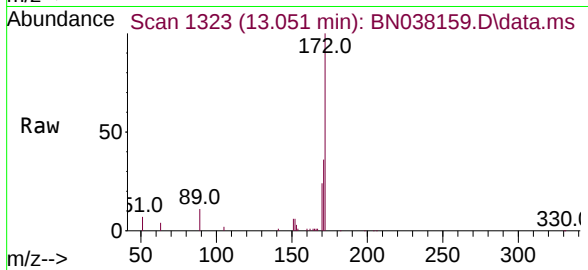




#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

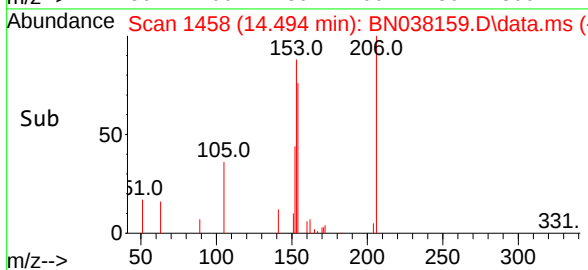
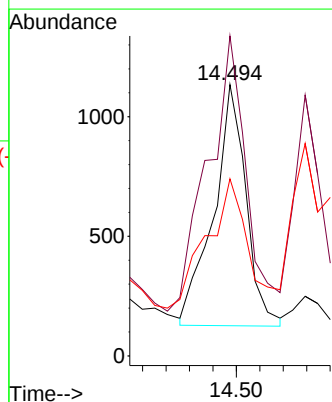
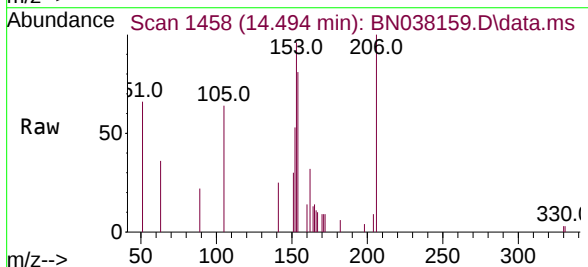
Instrument :
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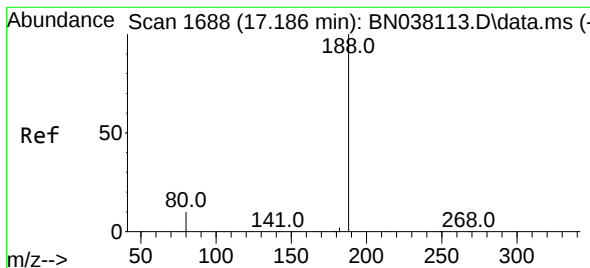
Tgt Ion:	172	Resp:	23012
Ion Ratio	Lower	Upper	
172	100		
171	35.6	27.8	41.6
170	24.3	18.1	27.1



#17
Acenaphthene
Concen: 0.033 ng
RT: 14.494 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:	154	Resp:	1942
Ion Ratio	Lower	Upper	
154	100		
153	134.7	90.0	135.0
152	73.1	47.3	70.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

Instrument :

BNA_N

ClientSampleId :

MW-EB-3

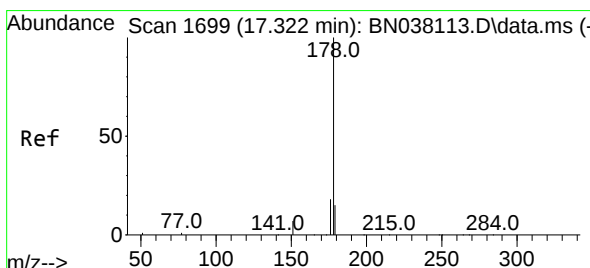
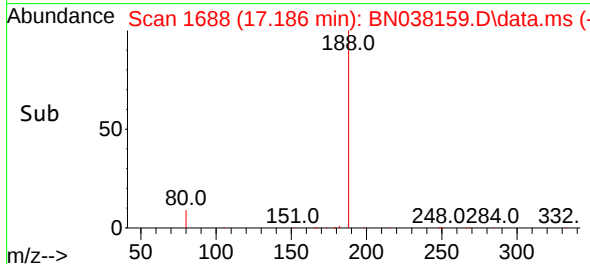
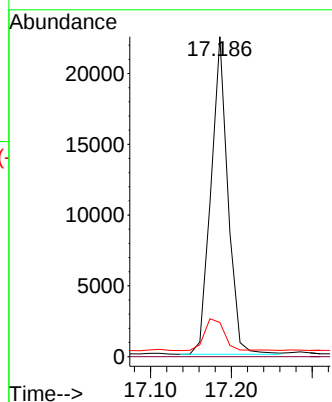
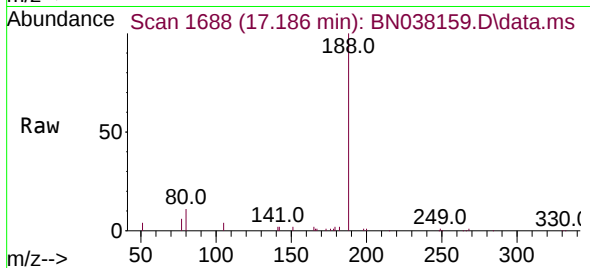
Tgt Ion:188 Resp: 32744

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 8.6 13.0



#26

Anthracene

Concen: 0.021 ng

RT: 17.322 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

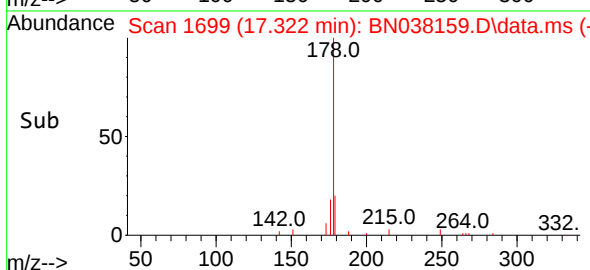
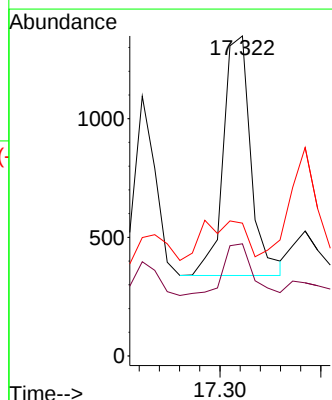
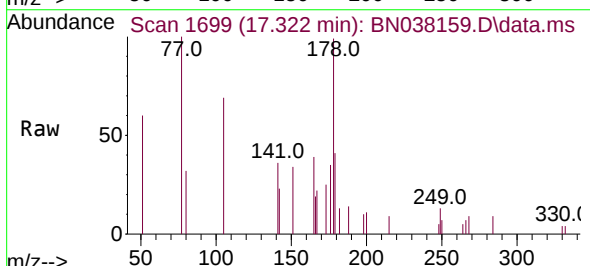
Tgt Ion:178 Resp: 1917

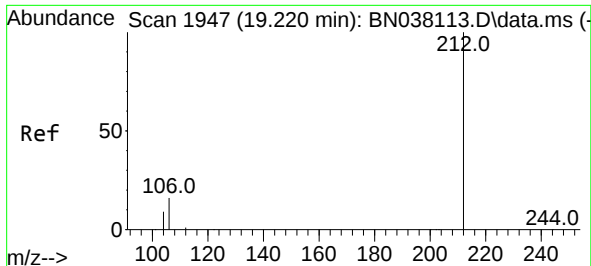
Ion Ratio Lower Upper

178 100

176 22.9 14.9 22.3#

179 0.0 11.8 17.8#

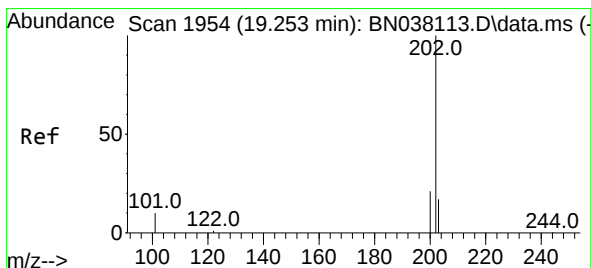
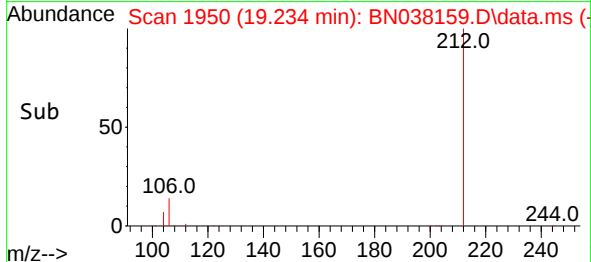
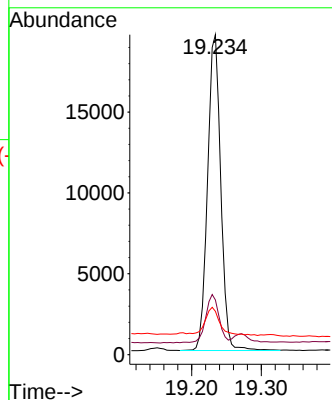
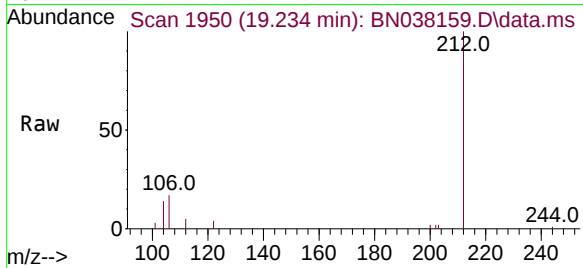




#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.234 min Scan# 1950
Delta R.T. 0.014 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

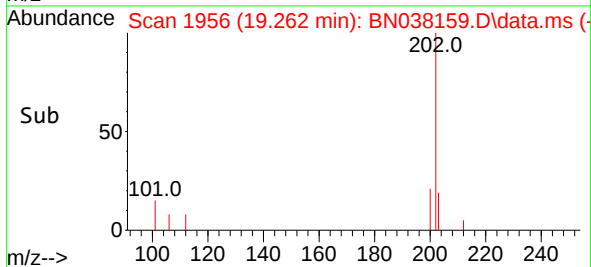
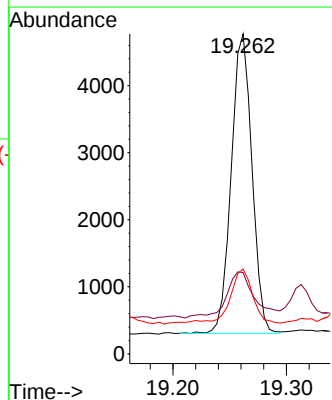
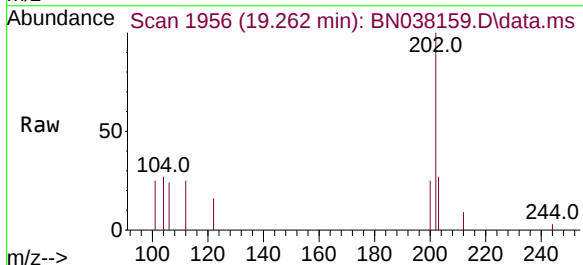
Instrument :
BNA_N
ClientSampleId :
MW-EB-3

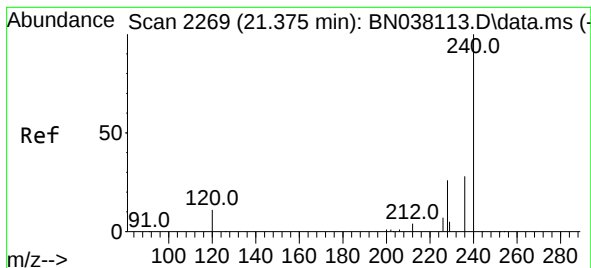
Tgt Ion:212 Resp: 25680
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 10.0 7.1 10.7



#28
Fluoranthene
Concen: 0.049 ng
RT: 19.262 min Scan# 1956
Delta R.T. 0.009 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Tgt Ion:202 Resp: 5681
Ion Ratio Lower Upper
202 100
101 21.1 9.4 14.2#
203 18.4 13.4 20.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.375 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

Instrument :

BNA_N

ClientSampleId :

MW-EB-3

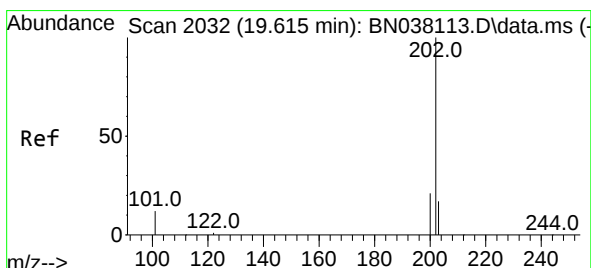
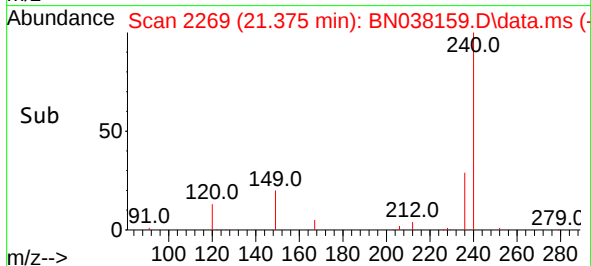
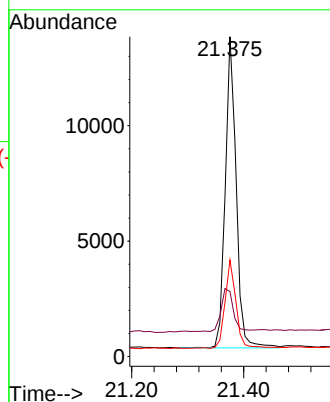
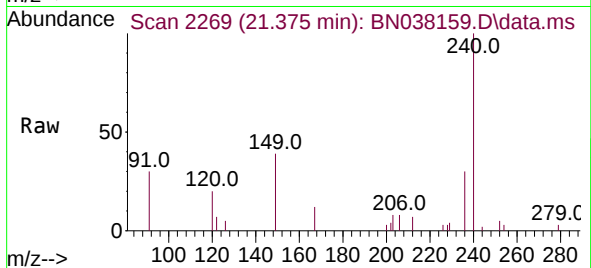
Tgt Ion:240 Resp: 18258

Ion Ratio Lower Upper

240 100

120 20.3 10.7 16.1#

236 30.2 23.1 34.7



#30

Pyrene

Concen: 0.050 ng

RT: 19.615 min Scan# 2032

Delta R.T. 0.005 min

Lab File: BN038159.D

Acq: 07 Nov 2025 17:58

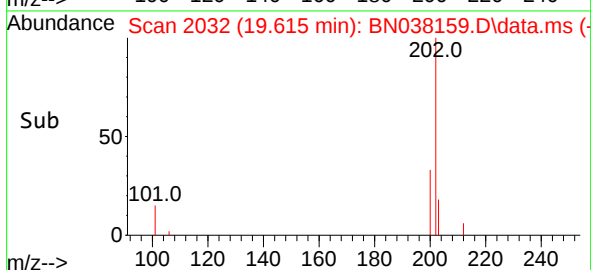
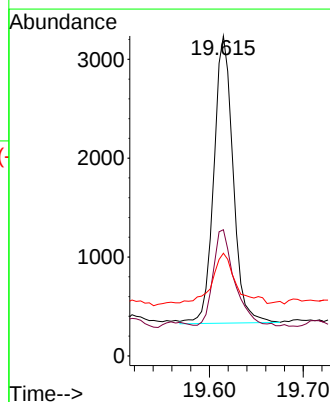
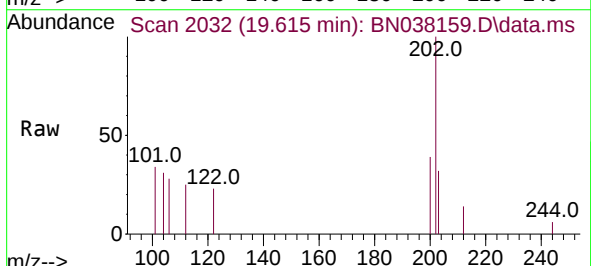
Tgt Ion:202 Resp: 4139

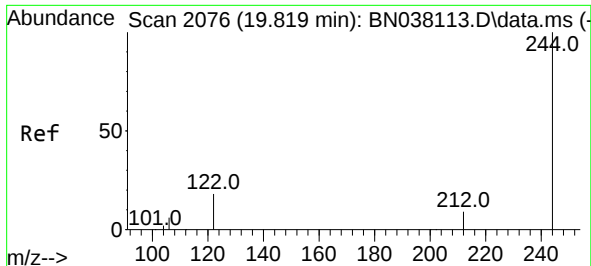
Ion Ratio Lower Upper

202 100

200 39.0 16.7 25.1#

203 20.1 14.2 21.2

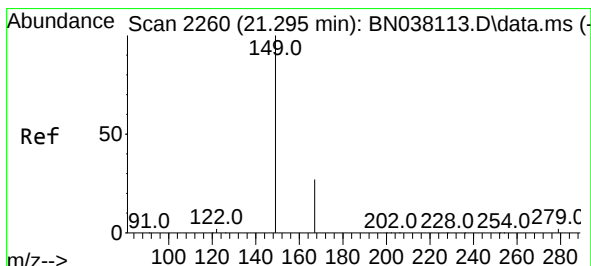
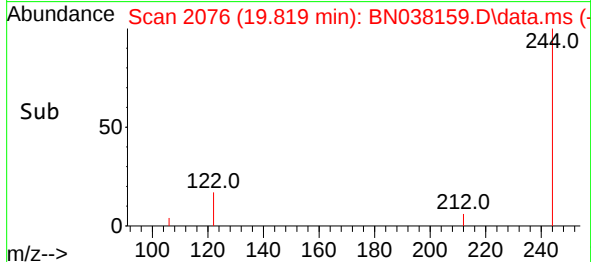
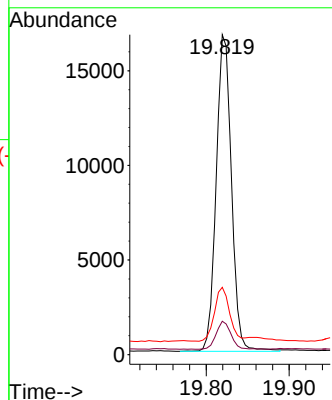
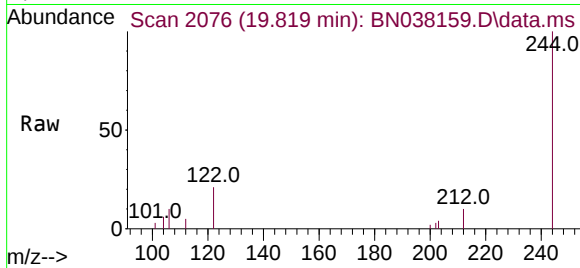




#31
 Terphenyl-d14
 Concen: 0.541 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038113.D
 Acq: 07 Nov 2025 17:58

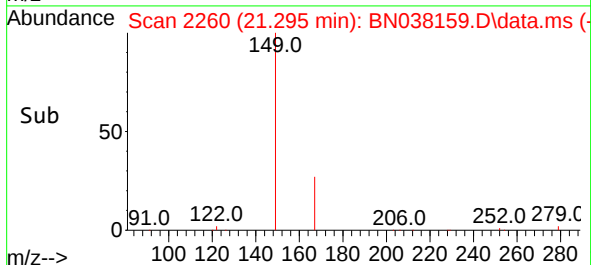
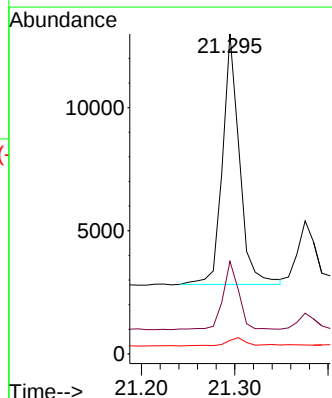
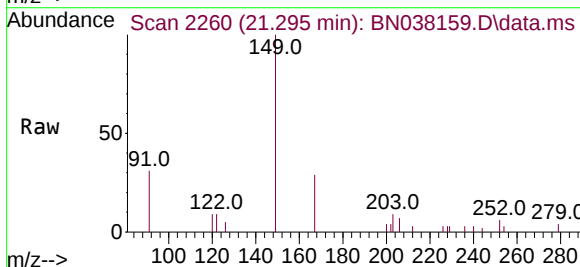
Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-3

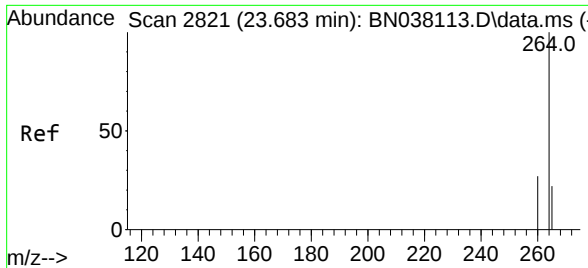
Tgt Ion:244 Resp: 21461
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.8 11.6
 122 21.0 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.375 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038113.D
 Acq: 07 Nov 2025 17:58

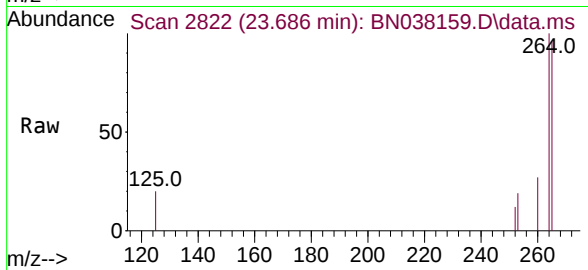
Tgt Ion:149 Resp: 12875
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.1 31.7
 279 3.8 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BN038159.D
Acq: 07 Nov 2025 17:58

Instrument :
BNA_N
ClientSampleId :
MW-EB-3



Tgt Ion:264 Resp: 17319

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.8	32.8
265	96.5	68.6	102.8

