

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038158.D
 Acq On : 07 Nov 2025 17:21
 Operator : RC/JU
 Sample : Q3534-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-2

Quant Time: Nov 08 03:04:48 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)

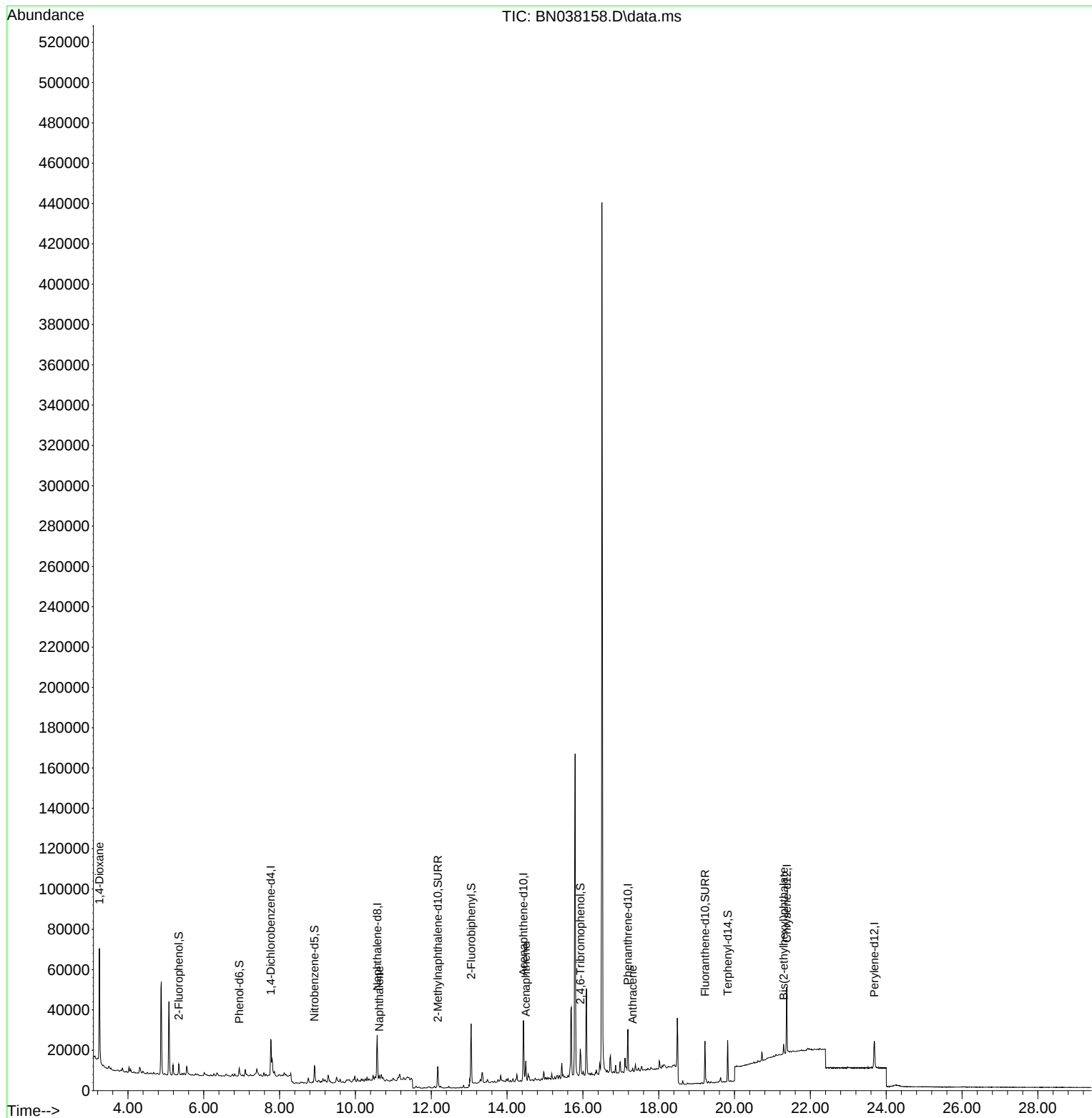
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8893	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	29066	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	16810	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	27804	0.400	ng	0.00
29) Chrysene-d12	21.375	240	18112	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	18619	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3988	0.190	ng	0.00
5) Phenol-d6	6.937	99	3520	0.138	ng	0.00
8) Nitrobenzene-d5	8.918	82	7725	0.329	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	13707	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2721	0.393	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	24120	0.358	ng	0.00
27) Fluoranthene-d10	19.220	212	22540	0.321	ng	0.00
31) Terphenyl-d14	19.819	244	18125	0.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	32518	3.539	ng	# 86
9) Naphthalene	10.626	128	2951	0.037	ng	# 81
17) Acenaphthene	14.495	154	4824	0.091	ng	98
26) Anthracene	17.310	178	2151	0.028	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.295	149	4675	0.137	ng	# 97

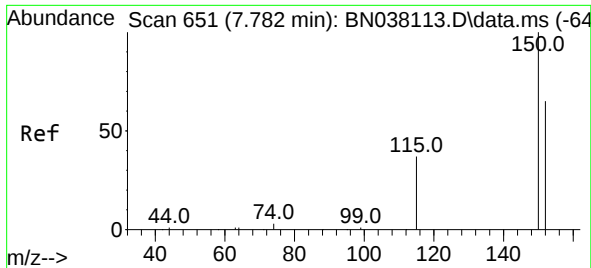
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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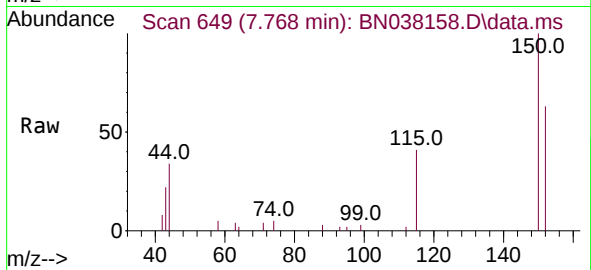
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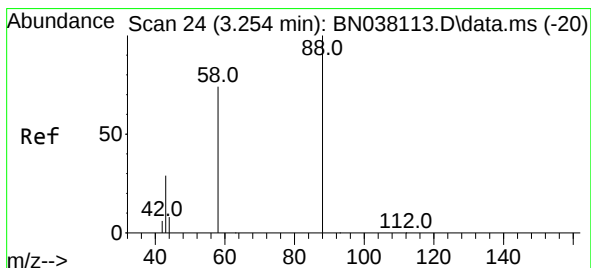
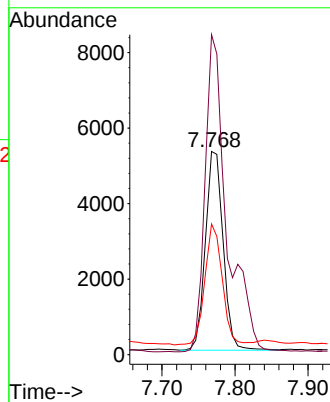
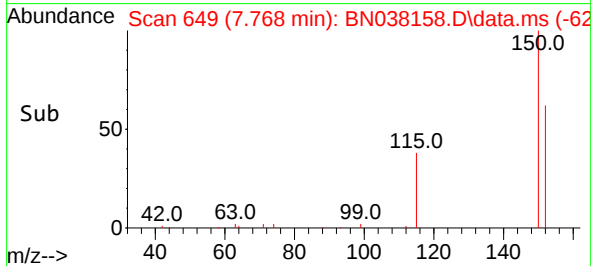


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN038158.D
 Acq: 07 Nov 2025 17:21

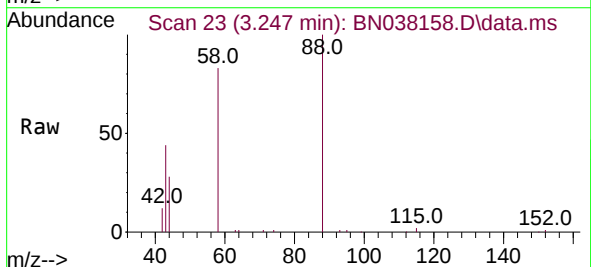
Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-2



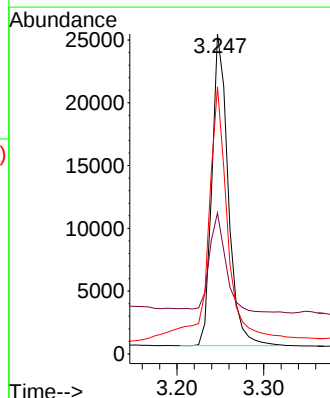
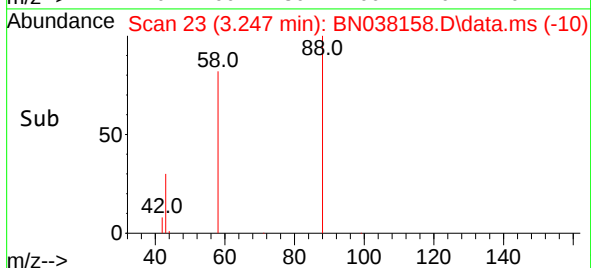
Tgt Ion:152 Resp: 8893
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.3 183.5
 115 64.4 47.4 71.0

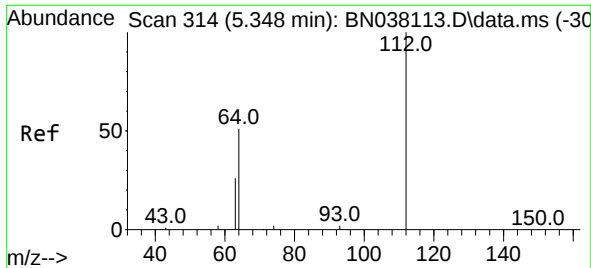


#2
 1,4-Dioxane
 Concen: 3.539 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038158.D
 Acq: 07 Nov 2025 17:21



Tgt Ion: 88 Resp: 32518
 Ion Ratio Lower Upper
 88 100
 43 31.6 24.3 36.5
 58 91.2 60.4 90.6#

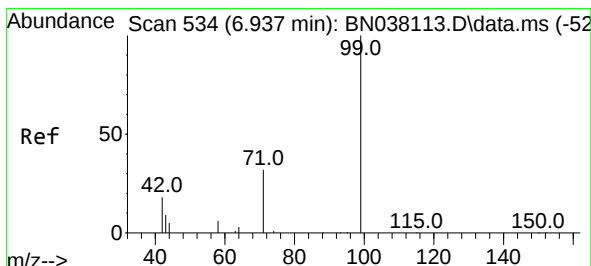
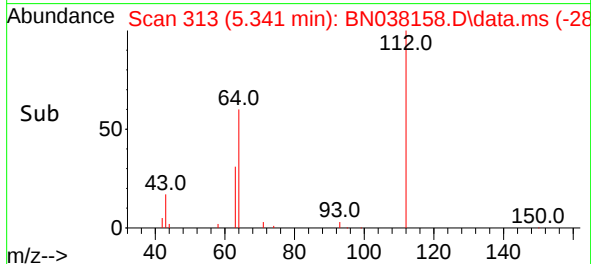
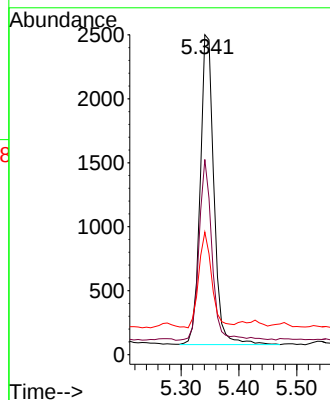
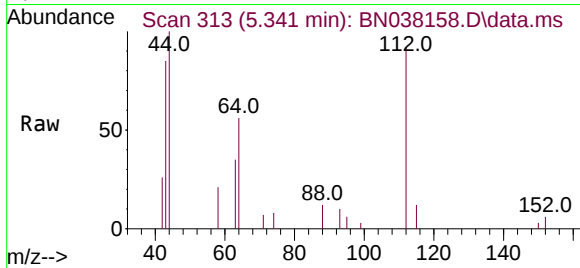




#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

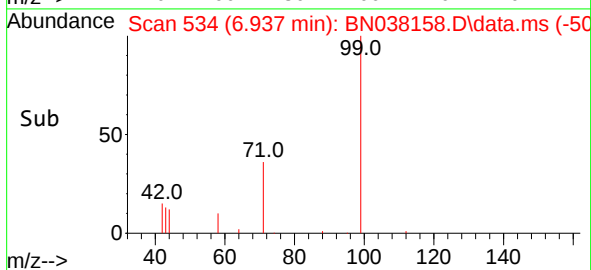
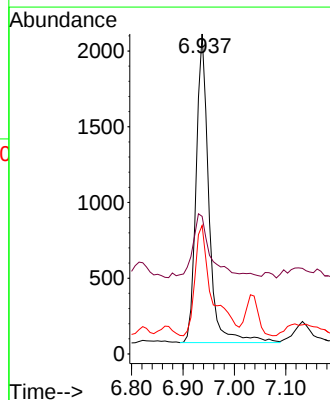
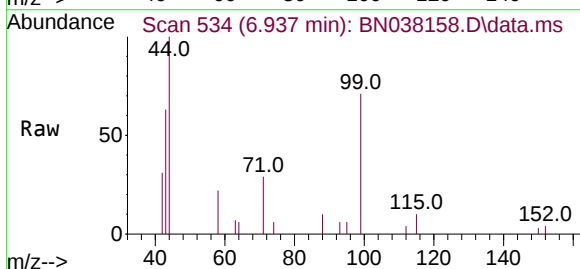
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

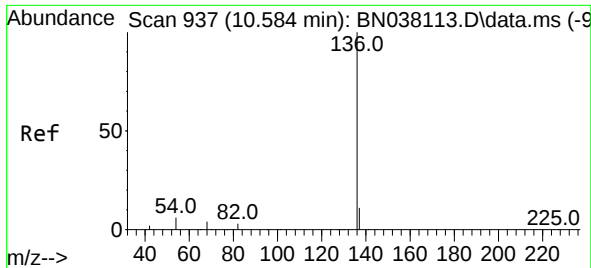
Tgt Ion:	112	Resp:	3988
Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.4	68.0
63	28.8	23.2	34.8



#5
Phenol-d6
Concen: 0.138 ng
RT: 6.937 min Scan# 534
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:	99	Resp:	3520
Ion	Ratio	Lower	Upper
99	100		
42	28.2	16.6	24.8#
71	48.0	25.4	38.2#

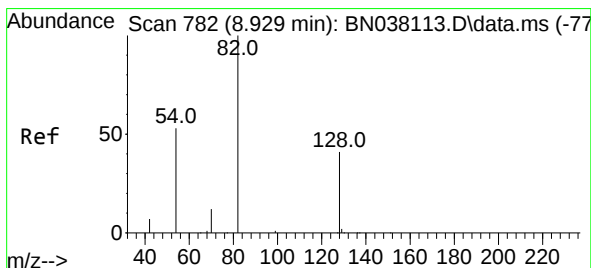
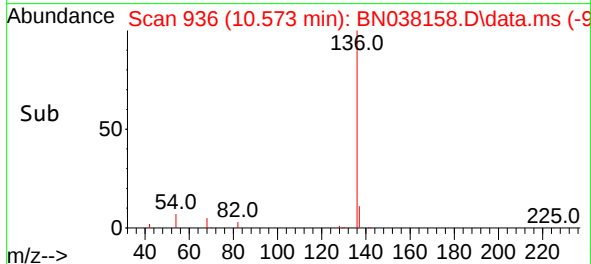
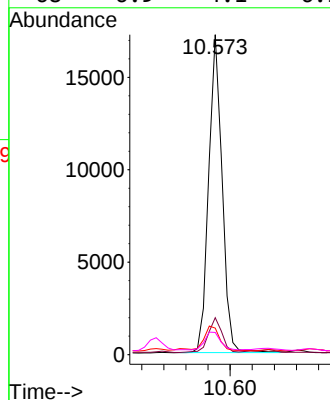
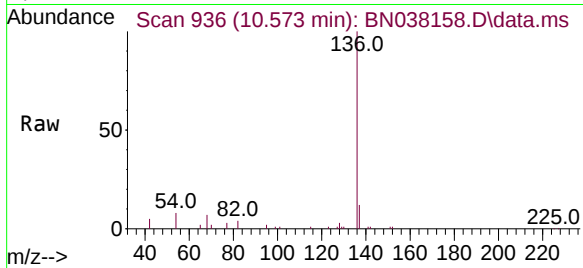




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

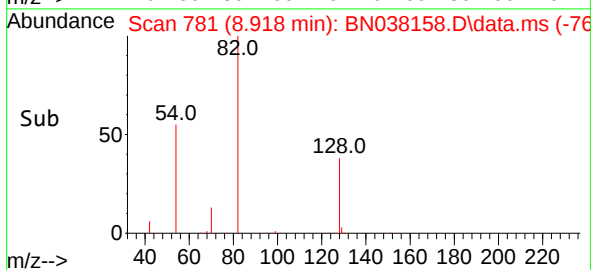
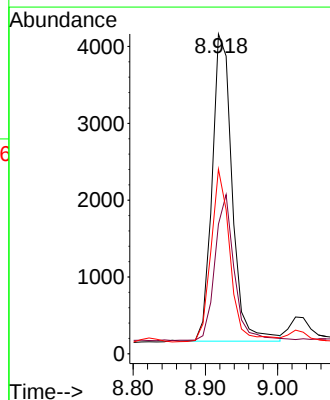
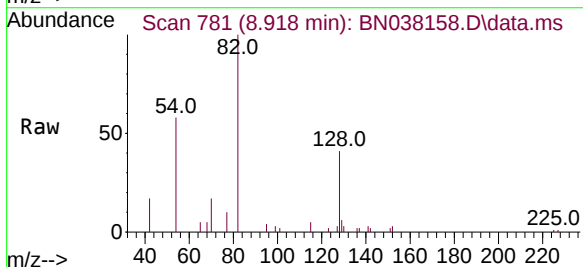
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

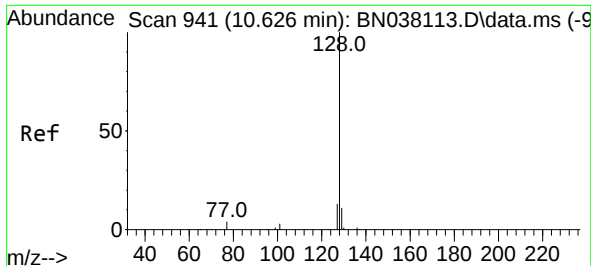
Tgt Ion:	136	Resp:	29066
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	8.3	5.2	7.8#
68	6.9	4.1	6.1#



#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:	82	Resp:	7725
Ion Ratio	Lower	Upper	
82	100		
128	40.5	34.1	51.1
54	57.7	43.5	65.3

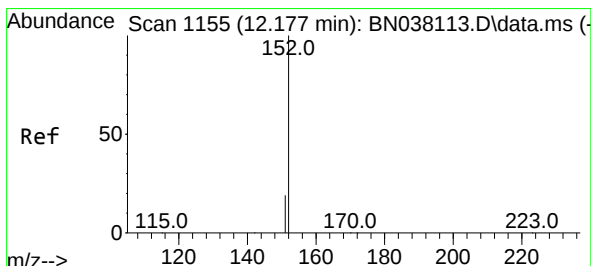
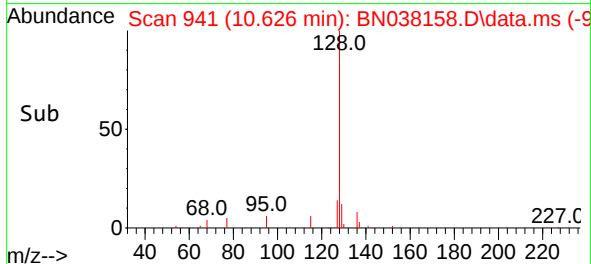
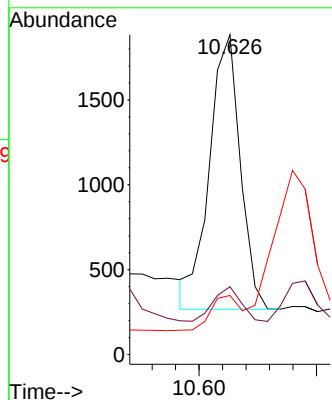
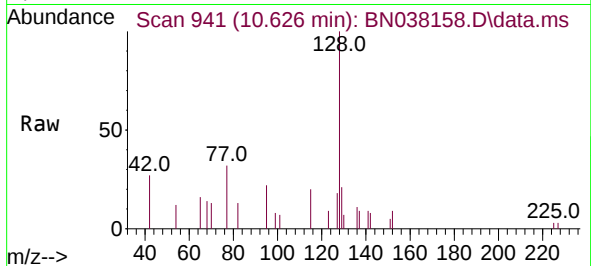




#9
Naphthalene
Concen: 0.037 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

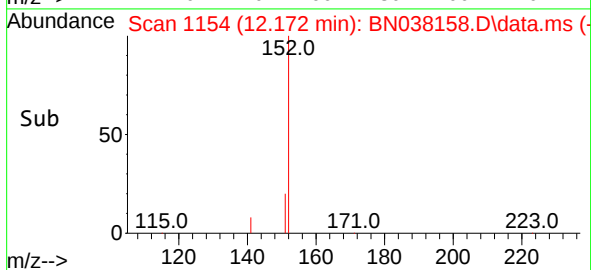
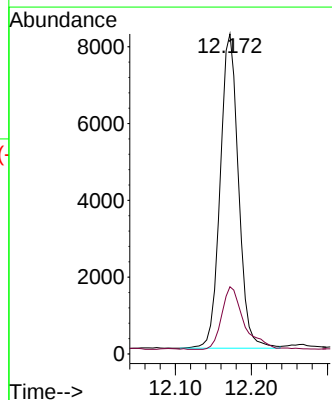
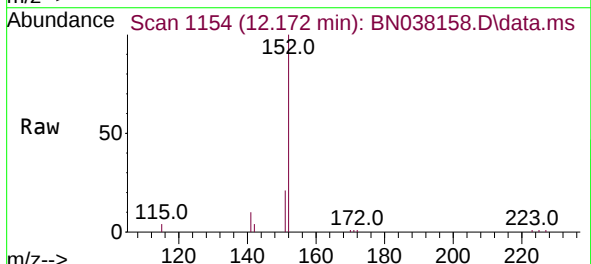
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

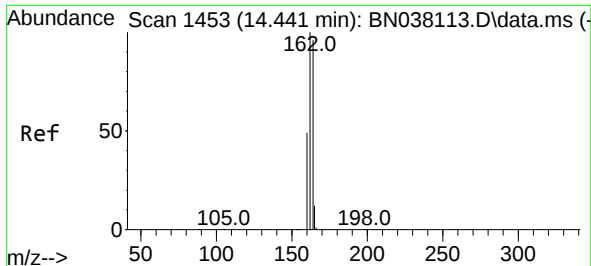
Tgt Ion:128 Resp: 2951
Ion Ratio Lower Upper
128 100
129 21.2 9.1 13.7#
127 18.5 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:152 Resp: 13707
Ion Ratio Lower Upper
152 100
151 24.0 16.8 25.2

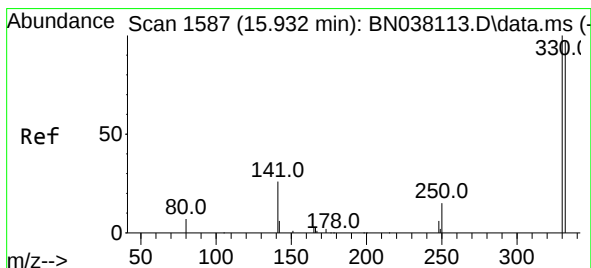
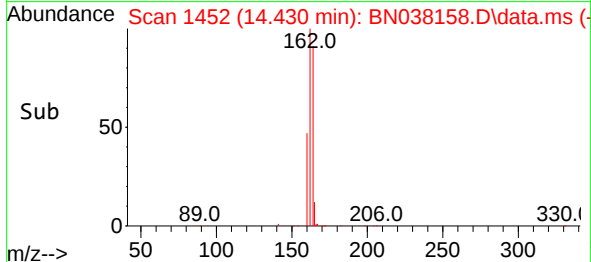
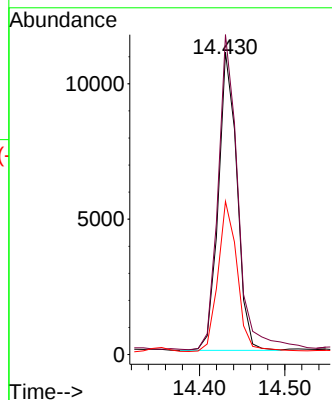
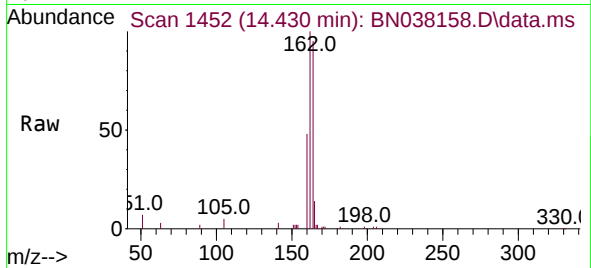




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.430 min Scan# 1453
 Delta R.T. 0.000 min
 Lab File: BN038158.D
 Acq: 07 Nov 2025 17:21

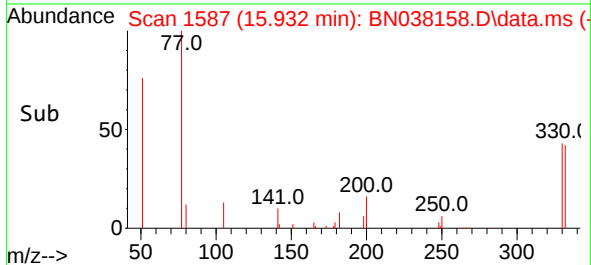
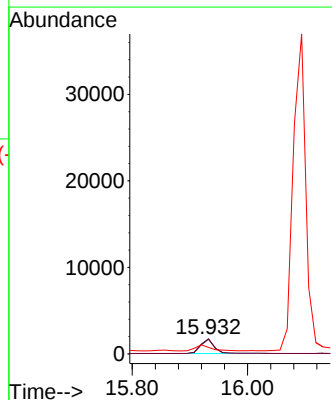
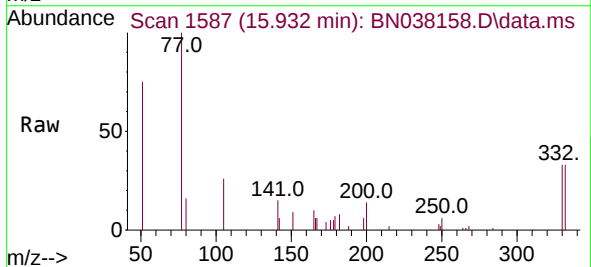
Instrument :
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 ClientSampleId :
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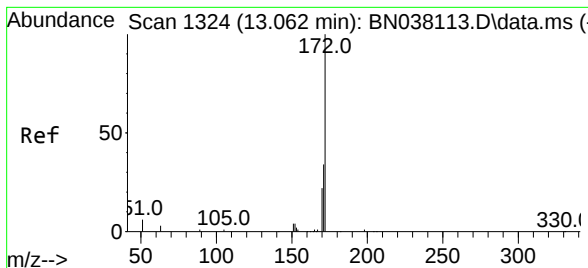
Tgt Ion:164 Resp: 16810
 Ion Ratio Lower Upper
 164 100
 162 105.8 83.0 124.4
 160 50.6 40.7 61.1



#14
 2,4,6-Tribromophenol
 Concen: 0.393 ng
 RT: 15.932 min Scan# 1587
 Delta R.T. 0.000 min
 Lab File: BN038158.D
 Acq: 07 Nov 2025 17:21

Tgt Ion:330 Resp: 2721
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 48.0 34.1 51.1

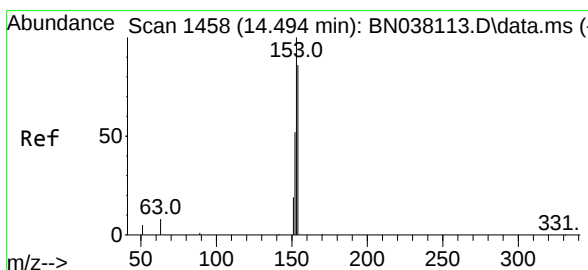
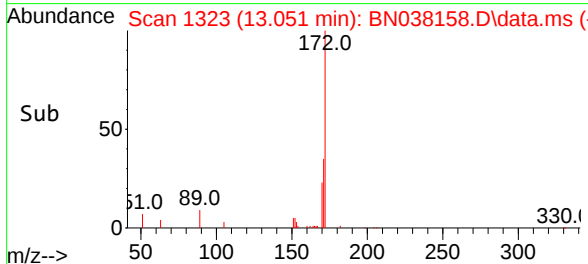
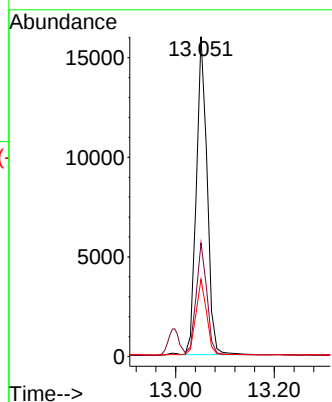
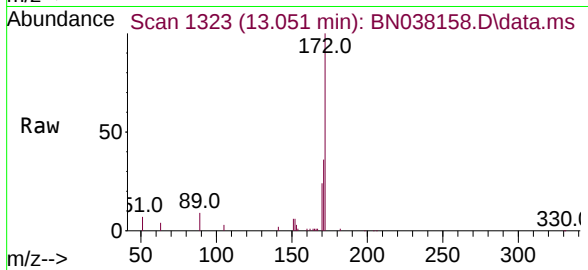




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.051 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

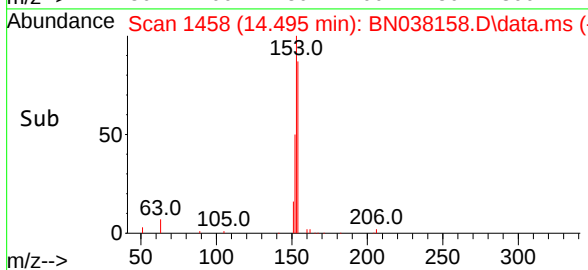
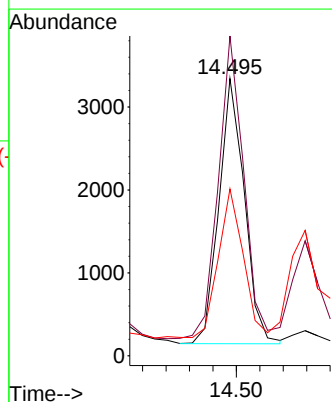
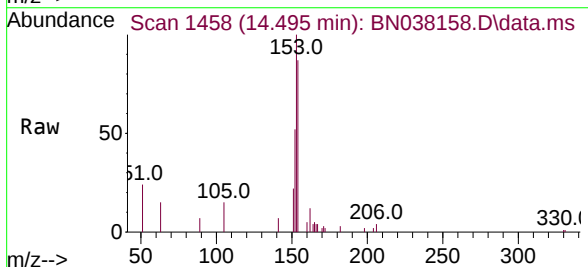
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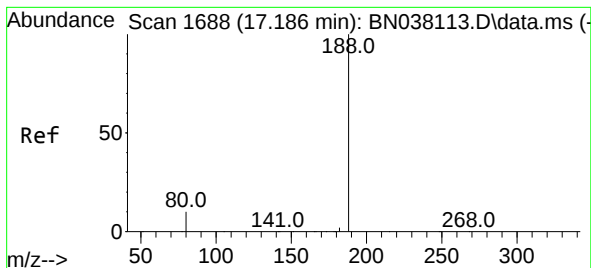
Tgt Ion:172 Resp: 24120
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 24.2 18.1 27.1



#17
Acenaphthene
Concen: 0.091 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:154 Resp: 4824
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 55.6 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: BN038158.D

Acq: 07 Nov 2025 17:21

Instrument :

BNA_N

ClientSampleId :

MW-EB-2

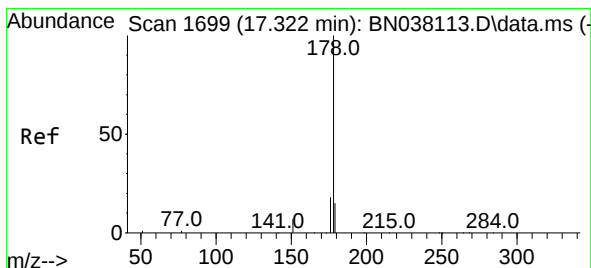
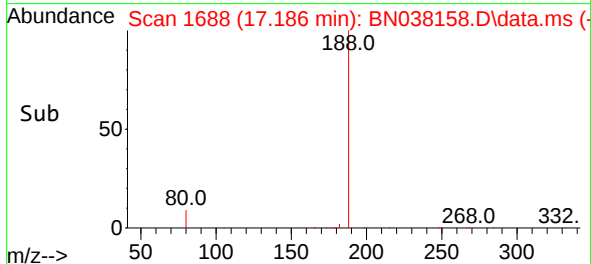
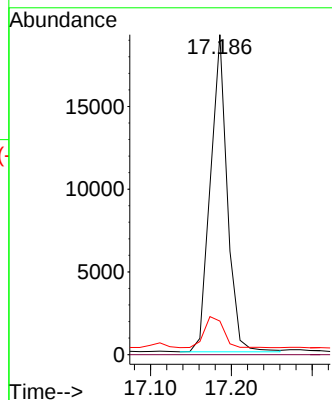
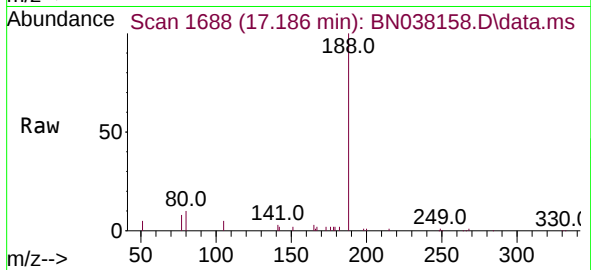
Tgt Ion:188 Resp: 27804

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 8.6 13.0



#26

Anthracene

Concen: 0.028 ng

RT: 17.310 min Scan# 1698

Delta R.T. -0.012 min

Lab File: BN038158.D

Acq: 07 Nov 2025 17:21

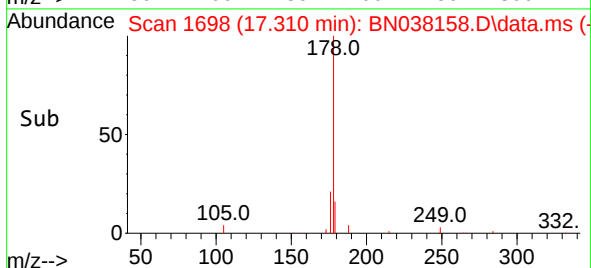
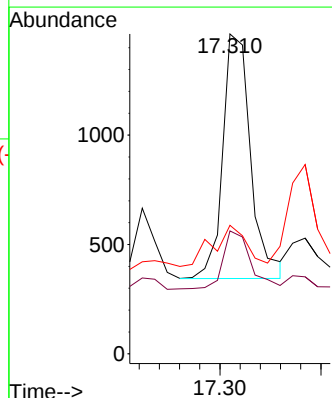
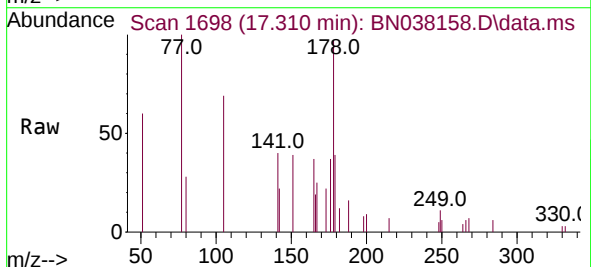
Tgt Ion:178 Resp: 2151

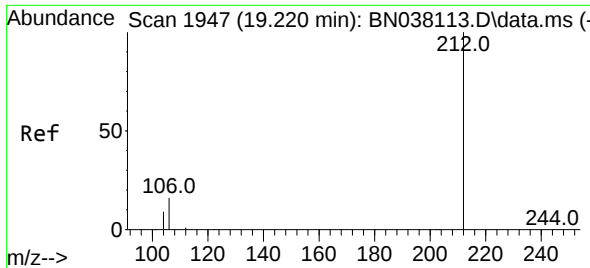
Ion Ratio Lower Upper

178 100

176 23.2 14.9 22.3#

179 20.1 11.8 17.8#

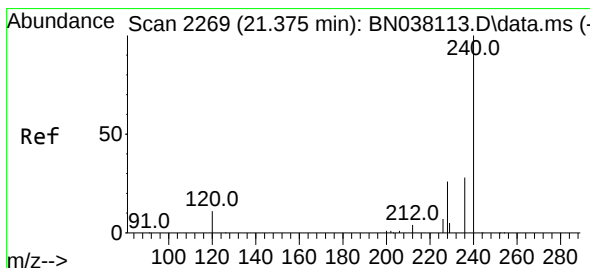
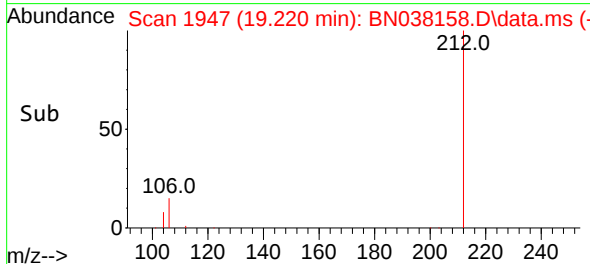
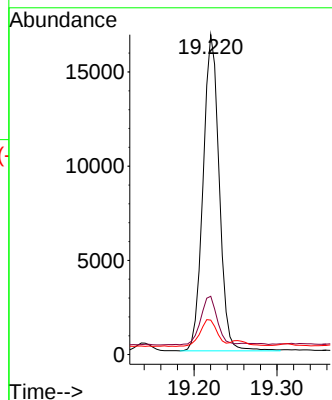
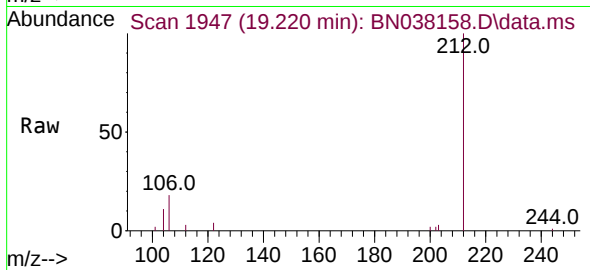




#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

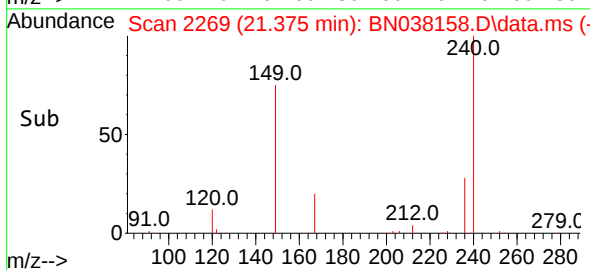
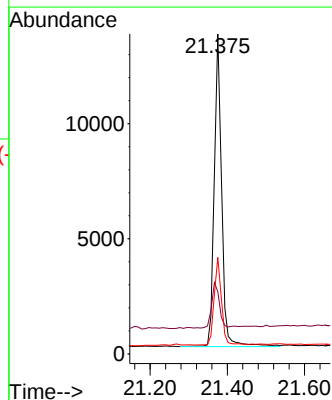
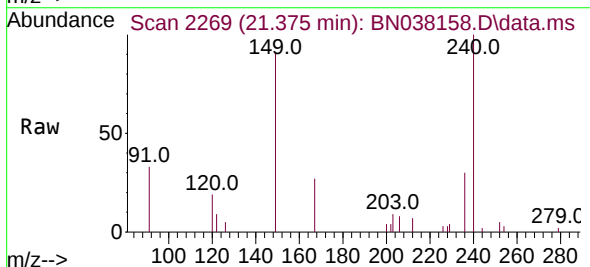
Instrument :
BNA_N
ClientSampleId :
MW-EB-2

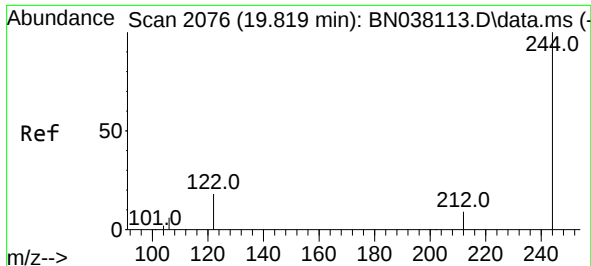
Tgt Ion:212 Resp: 22540
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 8.8 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BN038158.D
Acq: 07 Nov 2025 17:21

Tgt Ion:240 Resp: 18112
Ion Ratio Lower Upper
240 100
120 19.5 10.7 16.1#
236 30.1 23.1 34.7

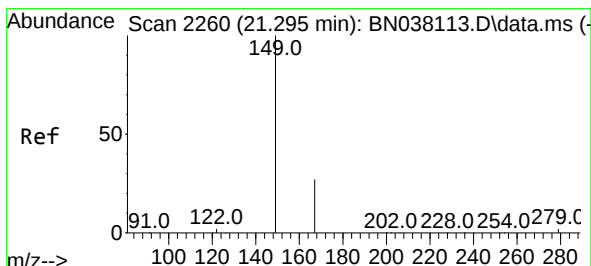
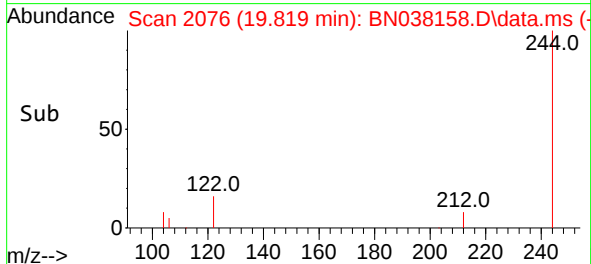
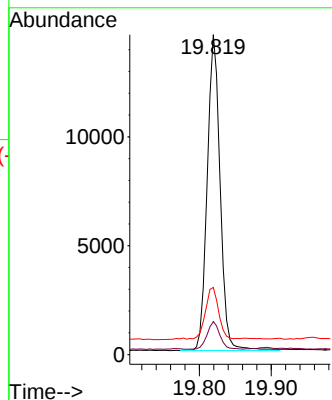
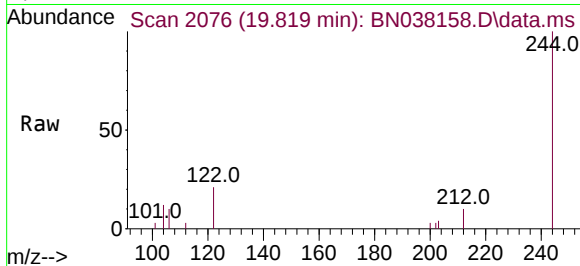




#31
 Terphenyl-d14
 Concen: 0.461 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN038158.D
 Acq: 07 Nov 2025 17:21

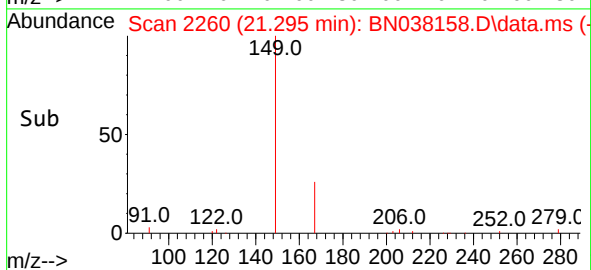
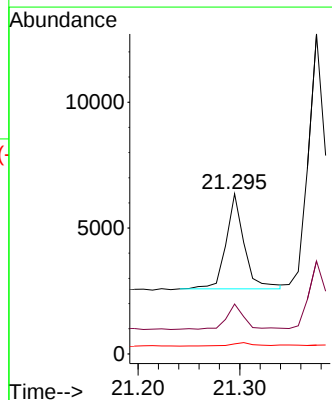
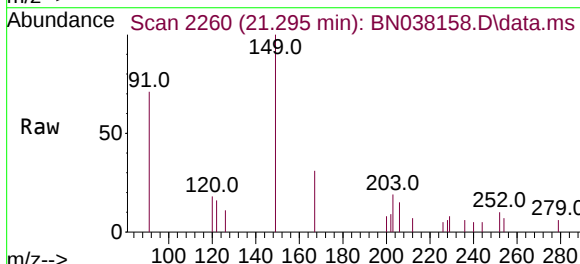
Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-2

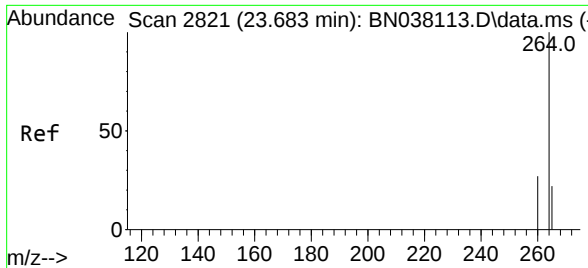
Tgt Ion:244 Resp: 18125
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.8 11.6
 122 21.0 15.2 22.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.137 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. 0.000 min
 Lab File: BN038158.D
 Acq: 07 Nov 2025 17:21

Tgt Ion:149 Resp: 4675
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.1 31.7
 279 4.9 2.9 4.3#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 2821
 Delta R.T. 0.006 min
 Lab File: BN038158.D
 Acq: 07 Nov 2025 17:21

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-2

Tgt Ion:264 Resp: 18619
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.8 32.8
 265 90.9 68.6 102.8

