

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038072.D
 Acq On : 13 Oct 2025 17:24
 Operator : RC/JU
 Sample : Q3292-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20251003

Quant Time: Oct 13 17:53:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

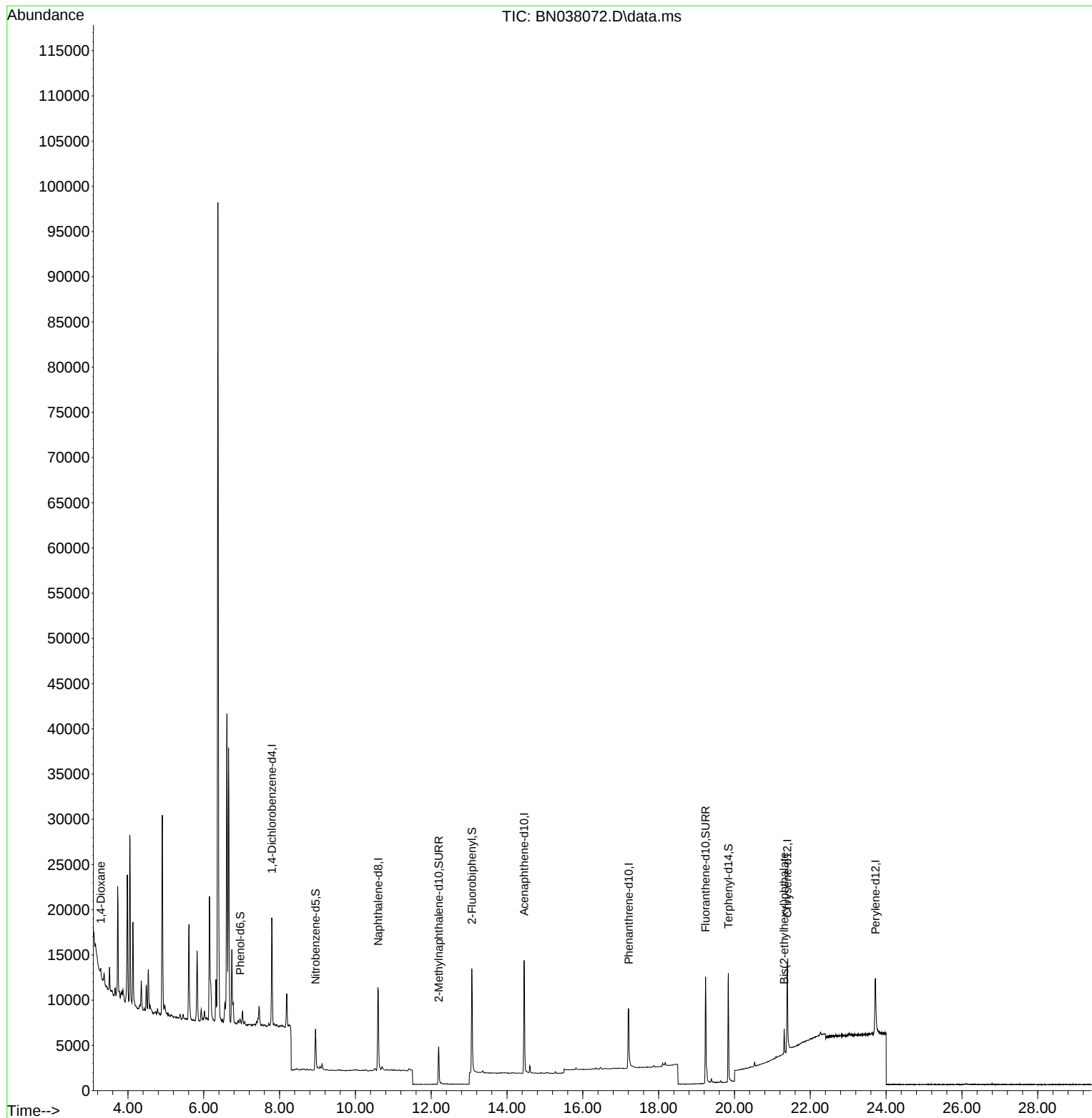
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	5762	0.400	ng	-0.03
7) Naphthalene-d8	10.605	136	13937	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	7066	0.400	ng	-0.02
19) Phenanthrene-d10	17.210	188	12532	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	10826	0.400	ng	# 0.00
35) Perylene-d12	23.715	264	10606	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	163	0.012	ng	-0.01
5) Phenol-d6	6.959	99	565	0.033	ng	-0.01
8) Nitrobenzene-d5	8.950	82	3889	0.366	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	6174	0.319	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	16	0.006	ng	-0.01
15) 2-Fluorobiphenyl	13.073	172	11132	0.385	ng	-0.02
27) Fluoranthene-d10	19.238	212	13875	0.440	ng	-0.01
31) Terphenyl-d14	19.838	244	12328	0.572	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.283	88	705	0.121	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.313	149	2809	0.188	ng	# 97

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

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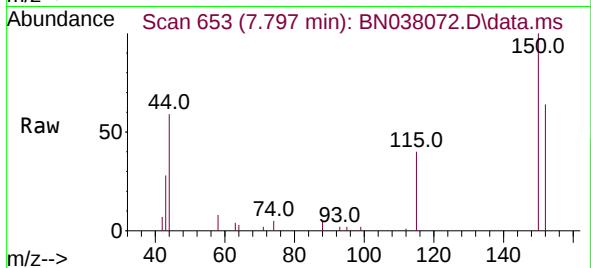
Quant Time: Oct 13 17:53:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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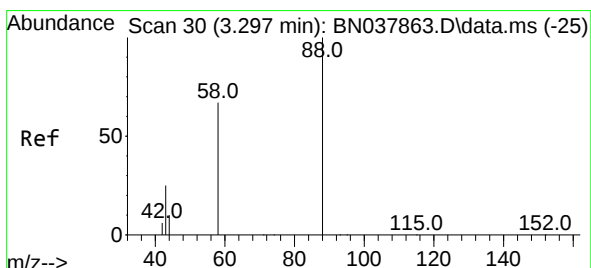
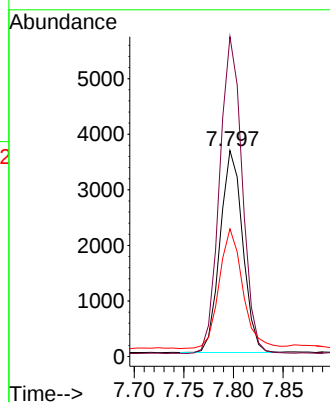
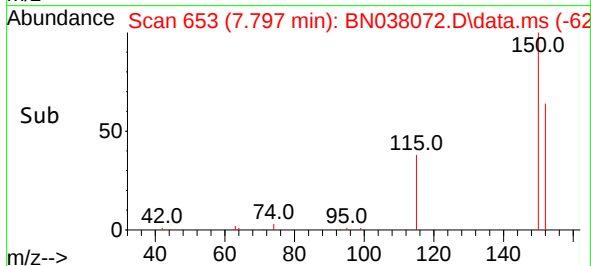


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN038072.D
 Acq: 13 Oct 2025 17:24

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20251003

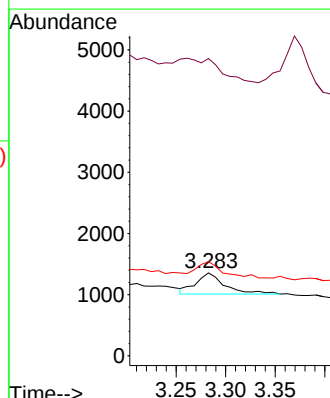
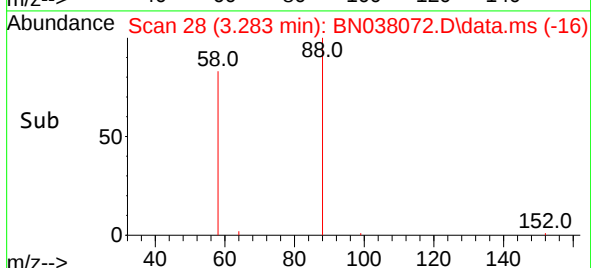
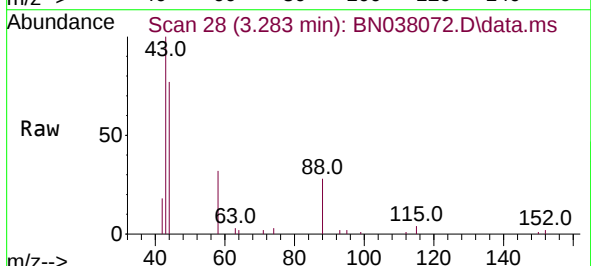


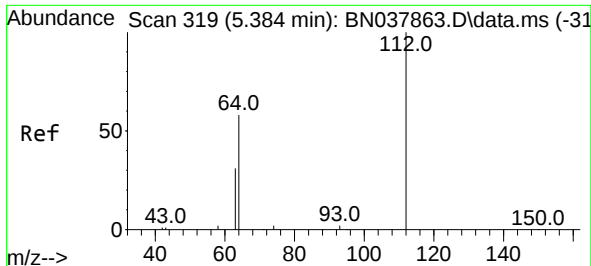
Tgt Ion:152 Resp: 5762
 Ion Ratio Lower Upper
 152 100
 150 155.4 121.0 181.4
 115 62.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.121 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038072.D
 Acq: 13 Oct 2025 17:24

Tgt Ion: 88 Resp: 705
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.6 39.8#
 58 68.2 58.9 88.3





#4

2-Fluorophenol

Concen: 0.012 ng

RT: 5.370 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN038072.D

Acq: 13 Oct 2025 17:24

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20251003

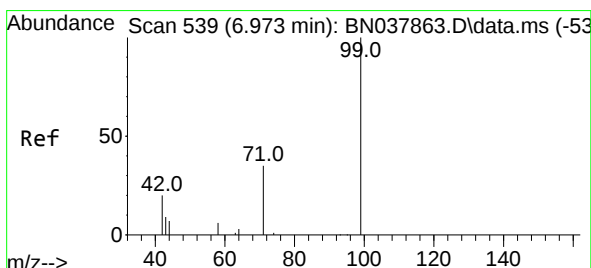
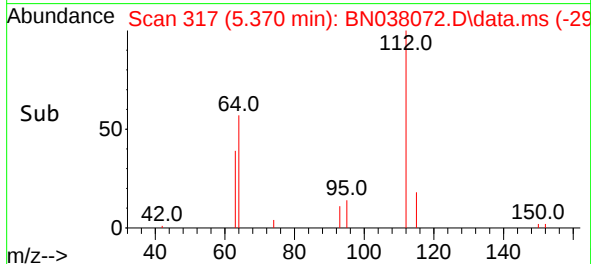
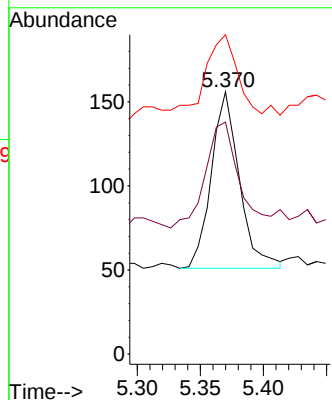
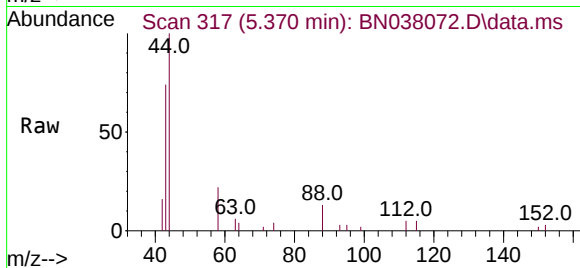
Tgt Ion:112 Resp: 163

Ion Ratio Lower Upper

112 100

64 71.8 44.6 66.8#

63 61.3 24.9 37.3#



#5

Phenol-d6

Concen: 0.033 ng

RT: 6.959 min Scan# 537

Delta R.T. -0.015 min

Lab File: BN038072.D

Acq: 13 Oct 2025 17:24

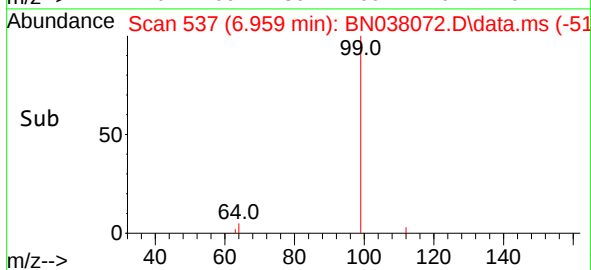
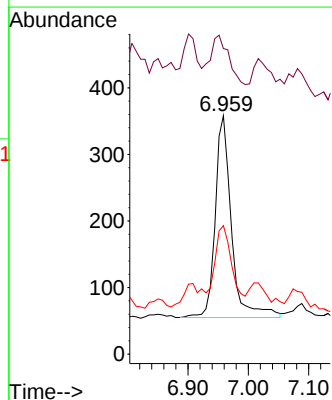
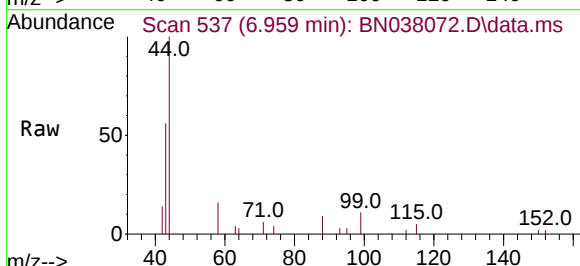
Tgt Ion: 99 Resp: 565

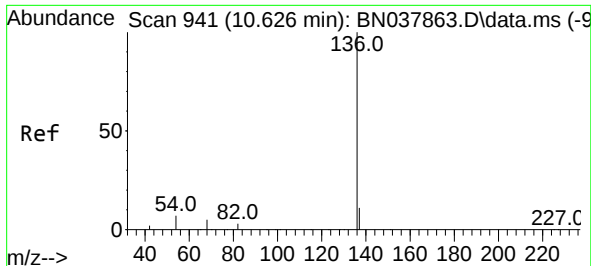
Ion Ratio Lower Upper

99 100

42 27.4 17.2 25.8#

71 34.2 27.3 40.9

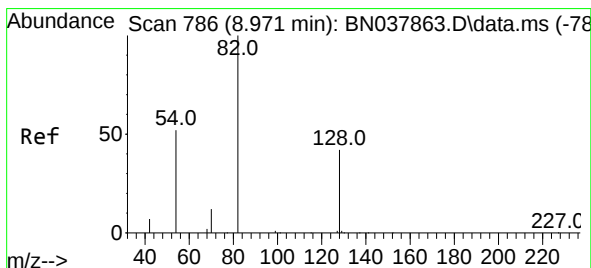
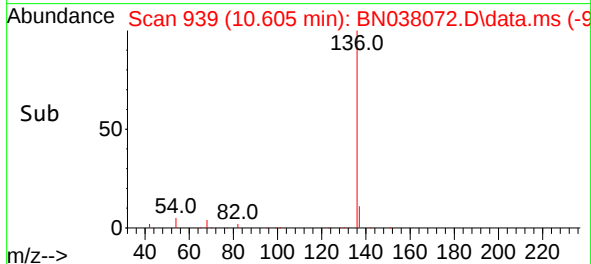
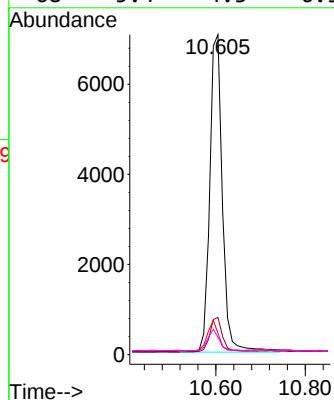
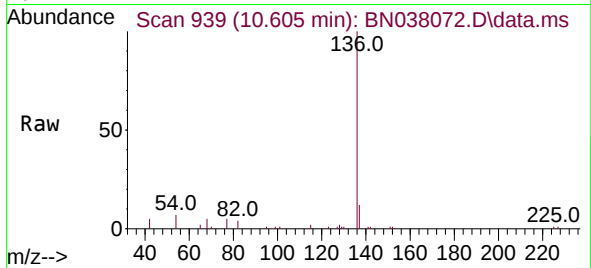




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

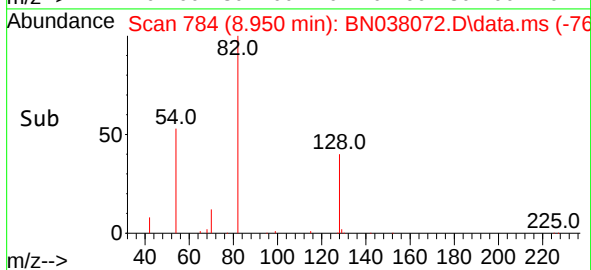
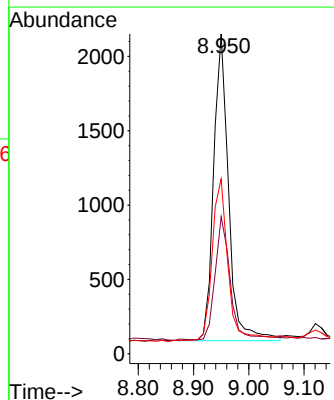
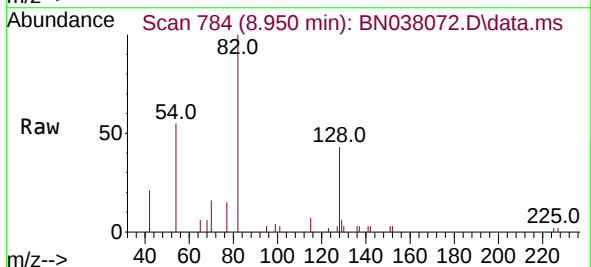
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

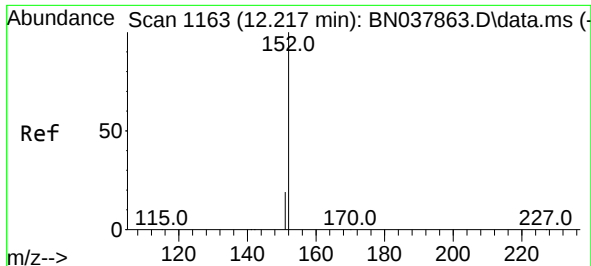
Tgt Ion:136	Resp:	13937
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.4
54	6.7	5.8 8.8
68	5.4	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion: 82	Resp:	3889
Ion Ratio	Lower	Upper
82	100	
128	42.9	34.8 52.2
54	54.7	42.2 63.2

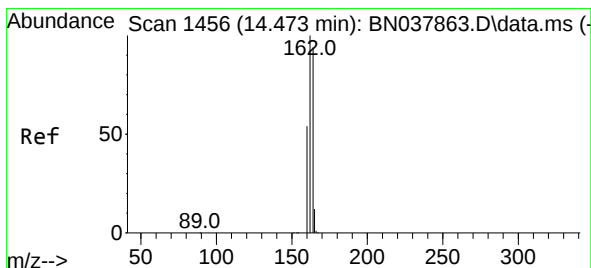
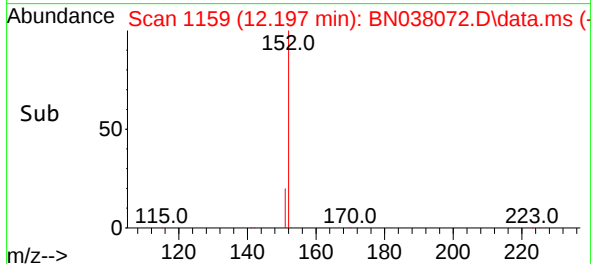
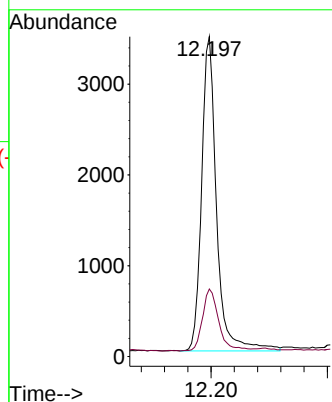
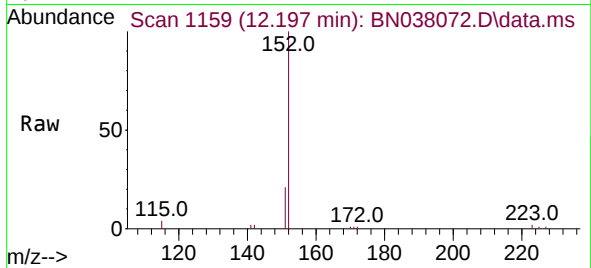




#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.197 min Scan# 1163
Delta R.T. -0.020 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

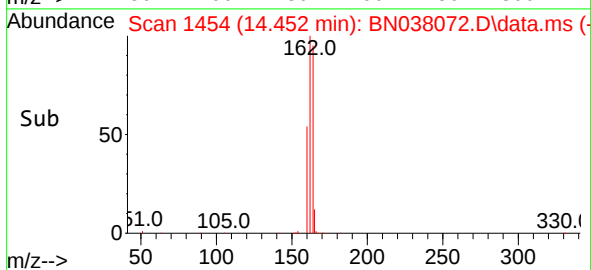
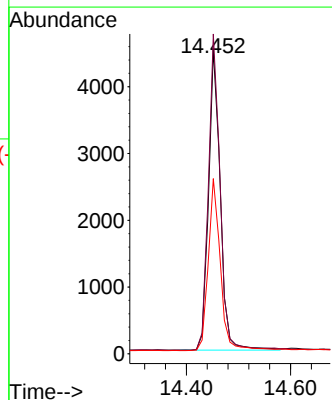
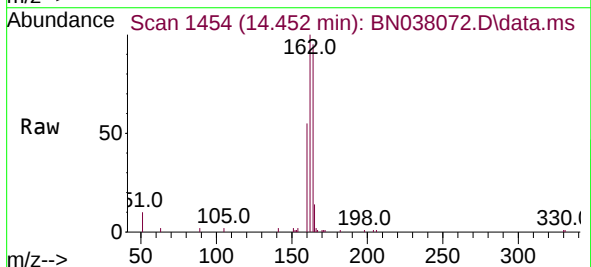
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

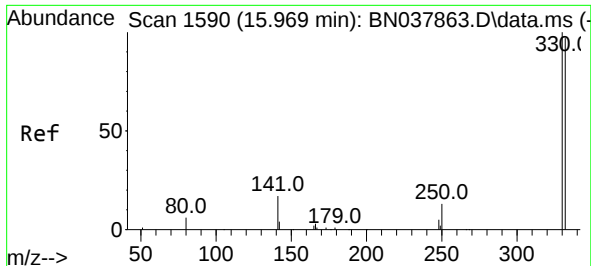
Tgt Ion:152 Resp: 6174
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.021 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion:164 Resp: 7066
Ion Ratio Lower Upper
164 100
162 105.4 84.8 127.2
160 57.7 46.1 69.1

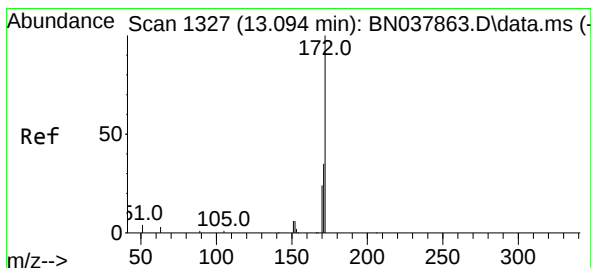
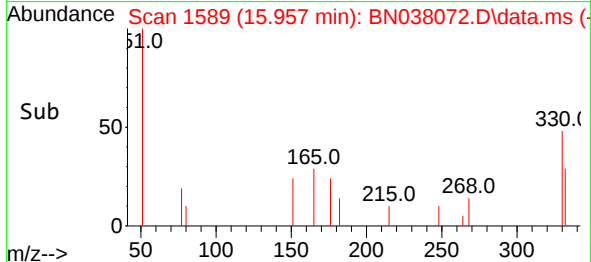
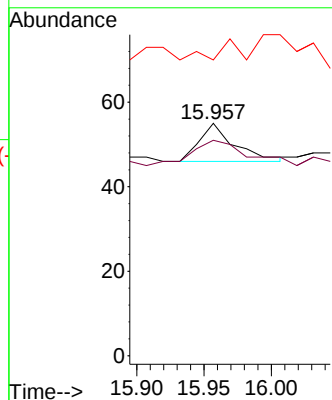
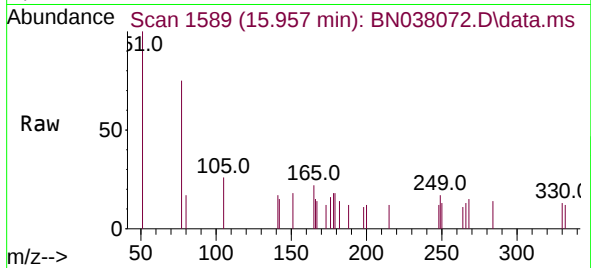




#14
2,4,6-Tribromophenol
Concen: 0.006 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

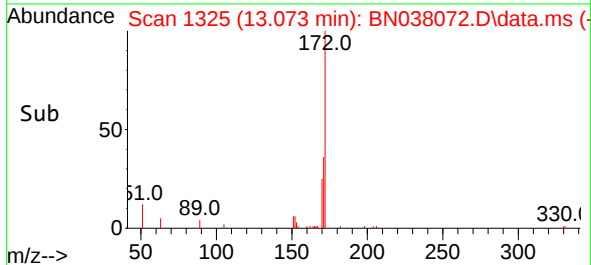
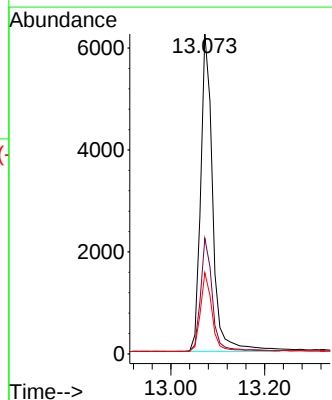
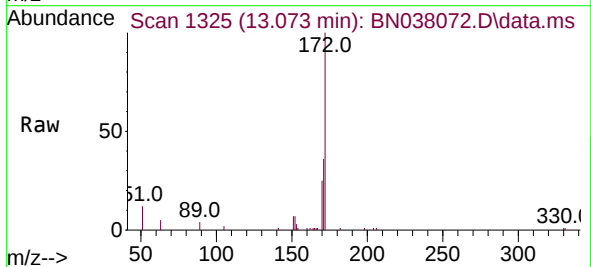
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ClientSampleId :
RW8-SP100-20251003

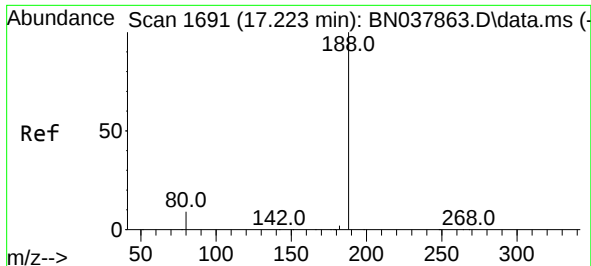
Tgt Ion:330 Resp: 16
Ion Ratio Lower Upper
330 100
332 112.5 77.2 115.8
141 0.0 37.2 55.8#



#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.073 min Scan# 1325
Delta R.T. -0.021 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion:172 Resp: 11132
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 25.4 19.7 29.5

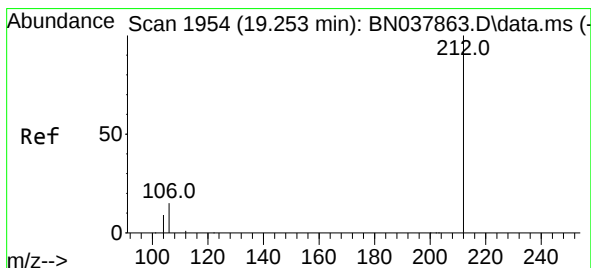
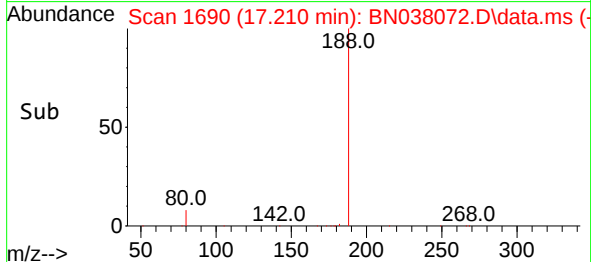
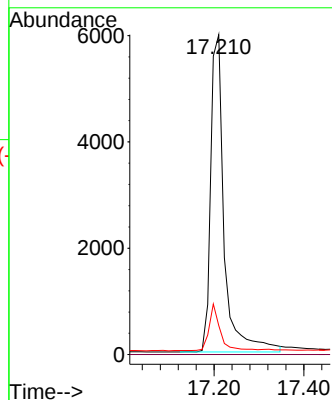
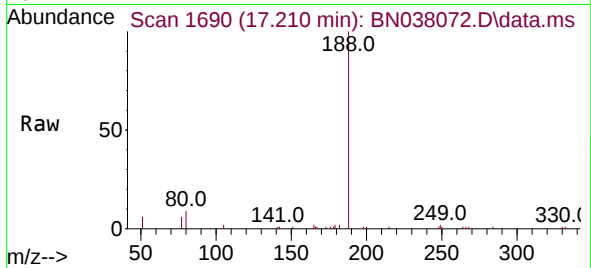




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

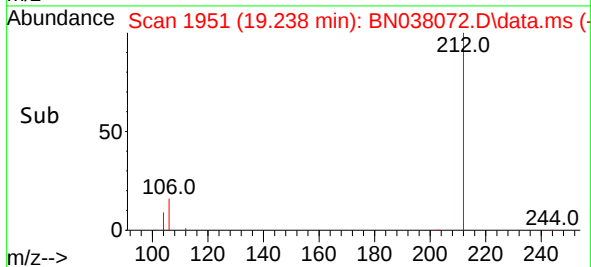
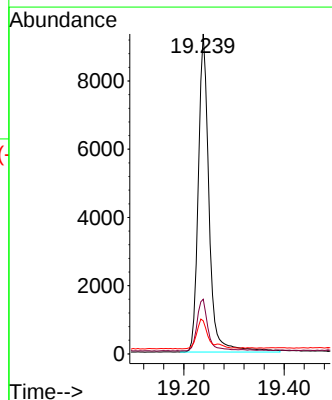
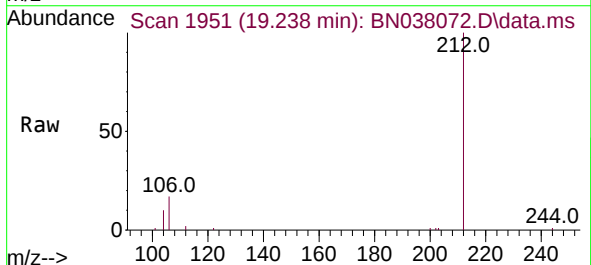
Instrument :
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RW8-SP100-20251003

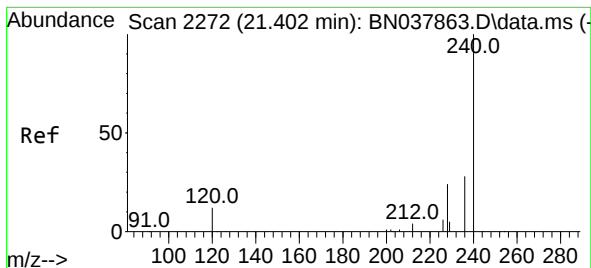
Tgt Ion:188 Resp: 12532
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion:212 Resp: 13875
Ion Ratio Lower Upper
212 100
106 16.6 12.6 19.0
104 9.1 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN038072.D

Acq: 13 Oct 2025 17:24

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20251003

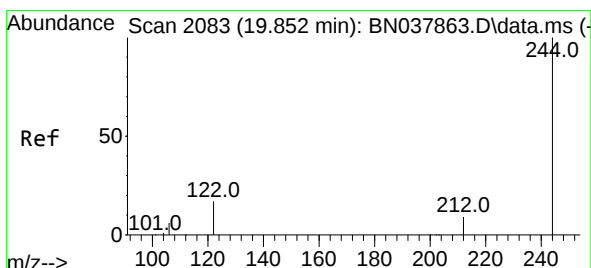
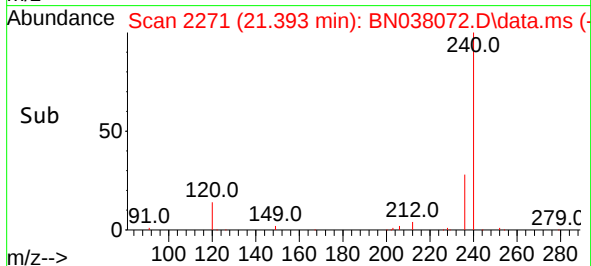
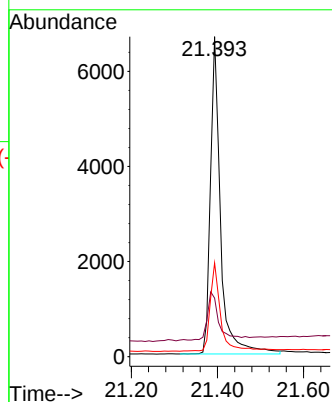
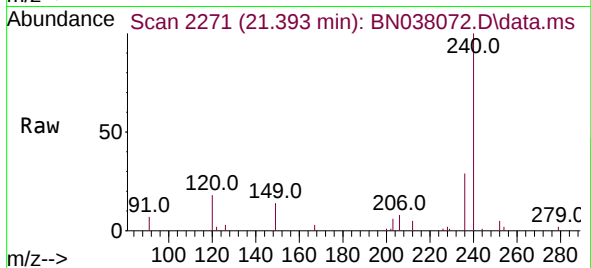
Tgt Ion:240 Resp: 10826

Ion Ratio Lower Upper

240 100

120 18.3 11.4 17.2#

236 29.3 23.0 34.6



#31

Terphenyl-d14

Concen: 0.572 ng

RT: 19.838 min Scan# 2080

Delta R.T. -0.014 min

Lab File: BN038072.D

Acq: 13 Oct 2025 17:24

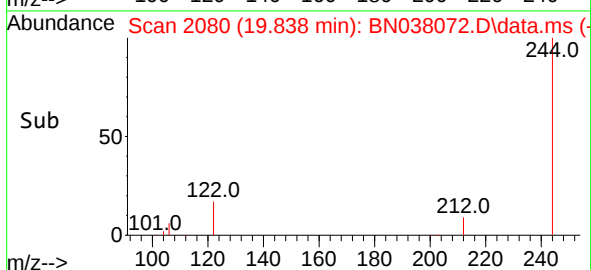
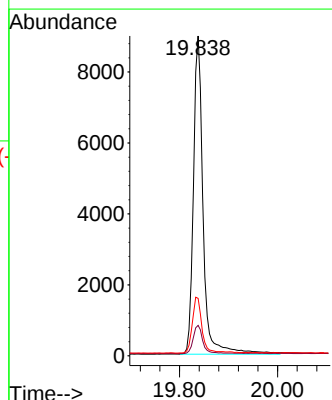
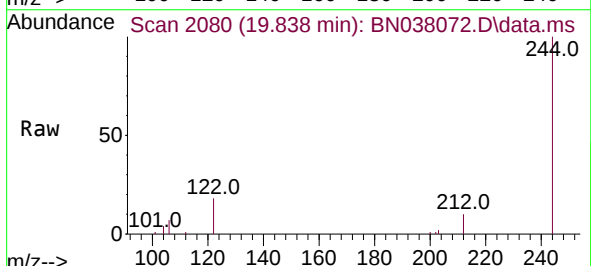
Tgt Ion:244 Resp: 12328

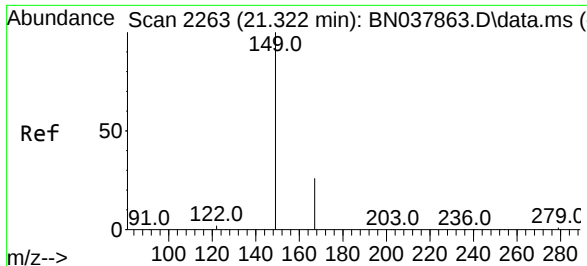
Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

122 18.0 13.9 20.9

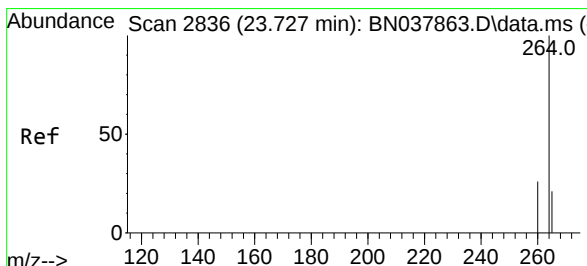
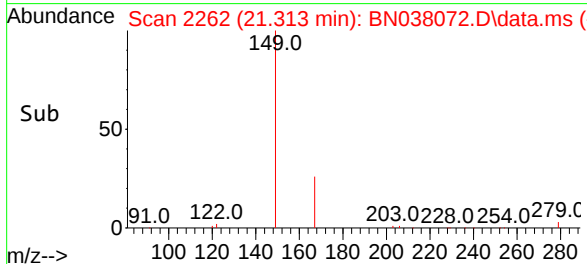
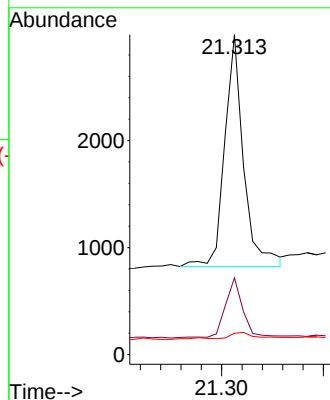
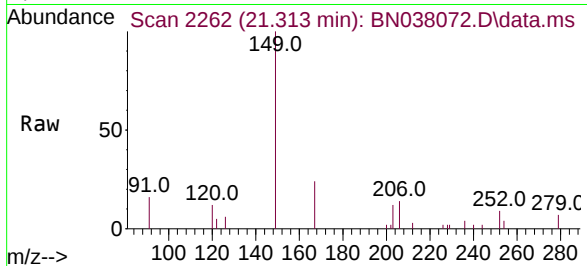




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.188 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20251003

Tgt Ion:149 Resp: 2809
Ion Ratio Lower Upper
149 100
167 23.8 20.4 30.6
279 4.0 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.715 min Scan# 2832
Delta R.T. -0.012 min
Lab File: BN038072.D
Acq: 13 Oct 2025 17:24

Tgt Ion:264 Resp: 10606
Ion Ratio Lower Upper
264 100
260 27.8 21.5 32.3
265 116.4 53.8 80.6#

