

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038067.D
 Acq On : 13 Oct 2025 14:23
 Operator : RC/JU
 Sample : PB169992BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169992BL

Quant Time: Oct 13 15:05:54 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	7352	0.400	ng	-0.03
7) Naphthalene-d8	10.605	136	18582	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	9416	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	15769	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	10550	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	9532	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	5597	0.334	ng	-0.01
5) Phenol-d6	6.959	99	5565	0.252	ng	-0.01
8) Nitrobenzene-d5	8.950	82	4699	0.332	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	8332	0.323	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	465	0.130	ng	-0.01
15) 2-Fluorobiphenyl	13.073	172	13612	0.353	ng	-0.02
27) Fluoranthene-d10	19.238	212	13085	0.330	ng	-0.01
31) Terphenyl-d14	19.838	244	10262	0.488	ng	-0.01

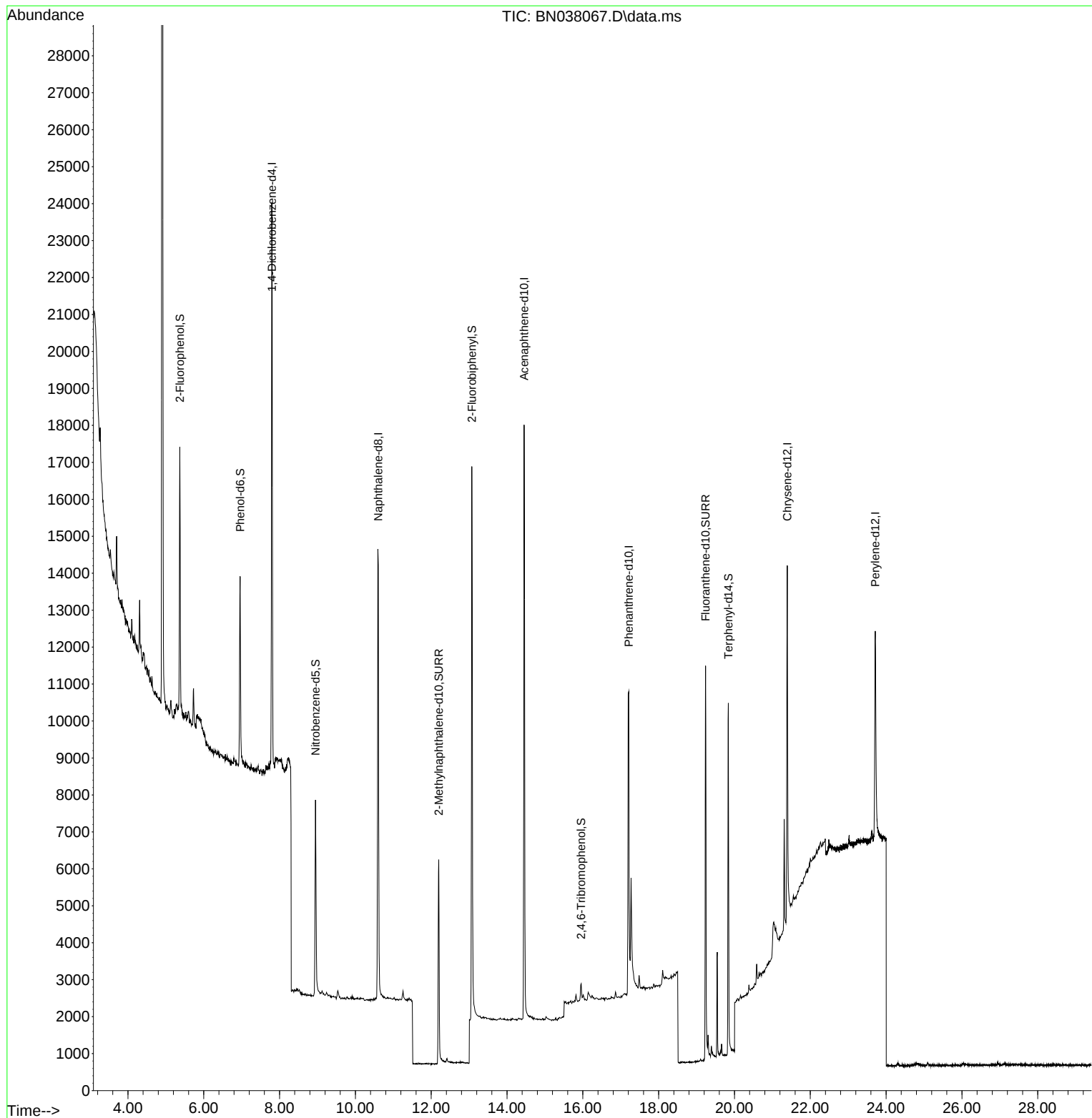
Target Compounds	Qvalue

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

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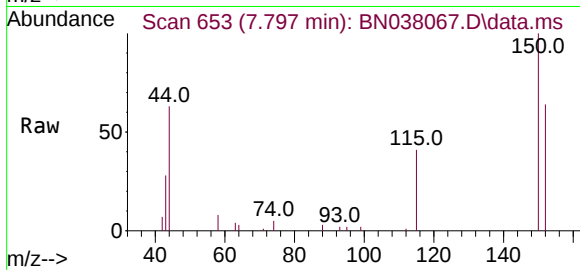
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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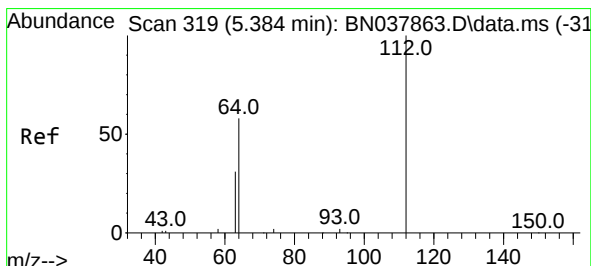
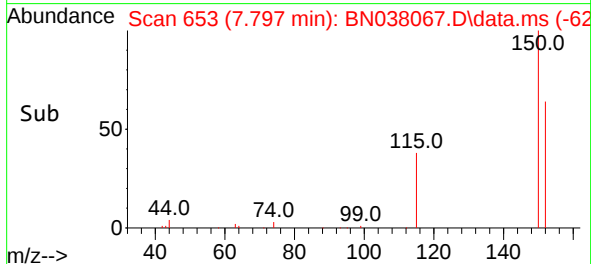
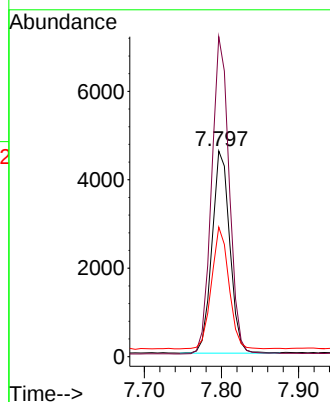


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

Instrument :
BNA_N
ClientSampleId :
PB169992BL

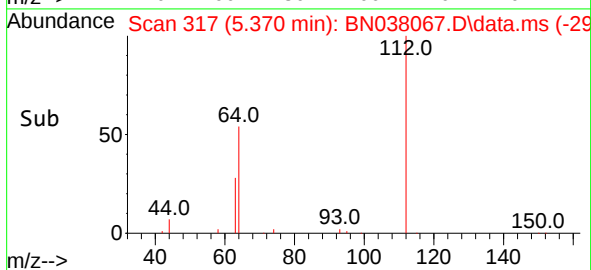
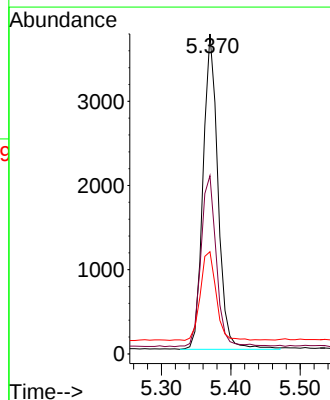
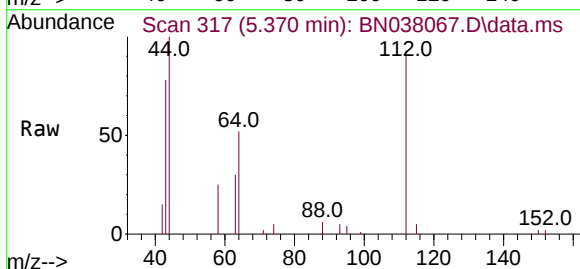


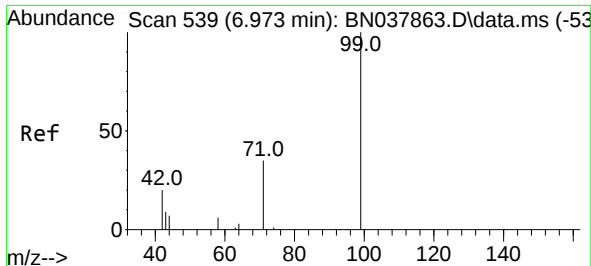
Tgt Ion:152 Resp: 7352
Ion Ratio Lower Upper
152 100
150 155.6 121.0 181.4
115 63.0 47.4 71.0



#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.015 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

Tgt Ion:112 Resp: 5597
Ion Ratio Lower Upper
112 100
64 56.2 44.6 66.8
63 29.6 24.9 37.3

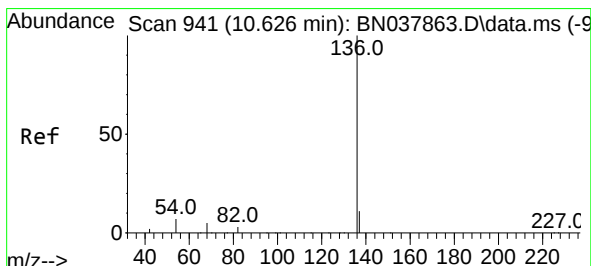
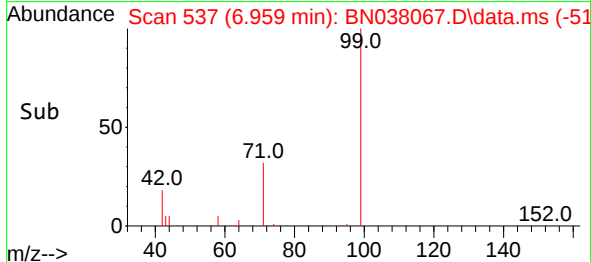
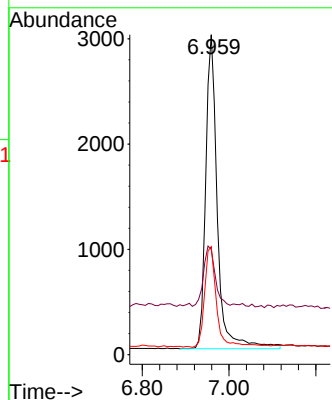
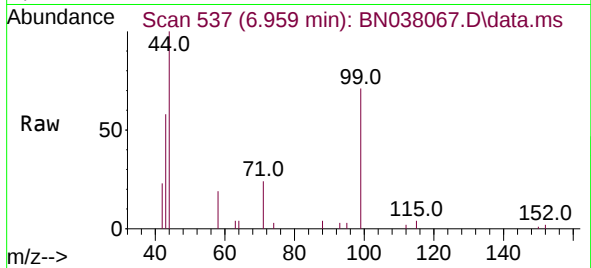




#5
Phenol-d6
Concen: 0.252 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.015 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

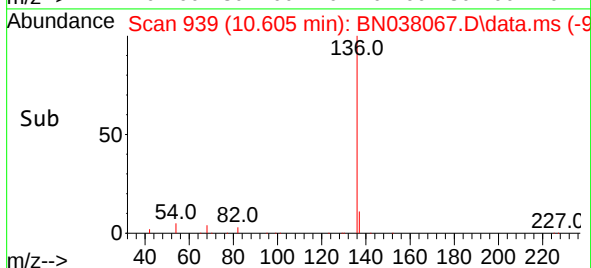
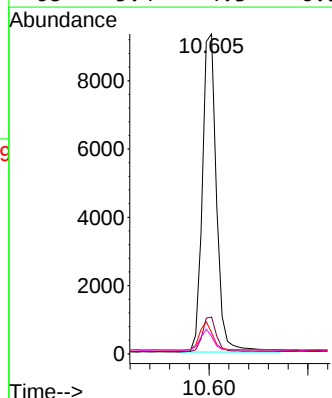
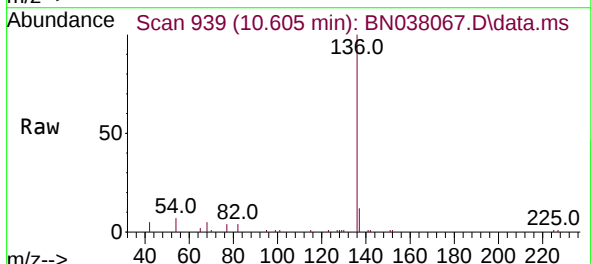
Instrument :
BNA_N
ClientSampleId :
PB169992BL

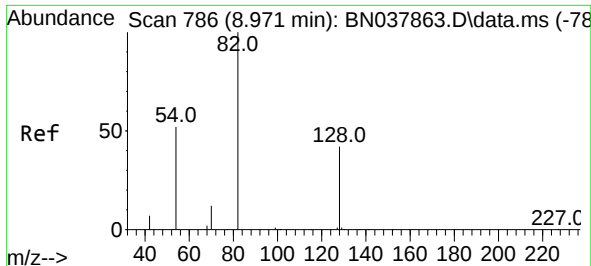
Tgt Ion: 99	Resp: 5565
Ion Ratio	Lower Upper
99 100	
42 19.6	17.2 25.8
71 33.2	27.3 40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

Tgt Ion: 136	Resp: 18582
Ion Ratio	Lower Upper
136 100	
137 11.5	9.0 13.4
54 6.6	5.8 8.8
68 5.4	4.3 6.5

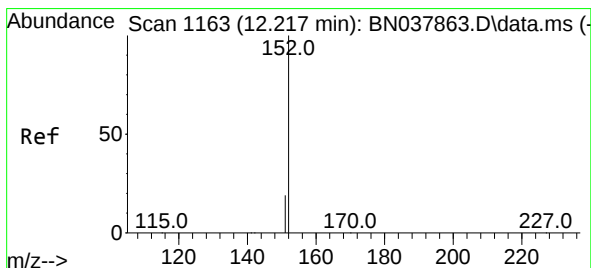
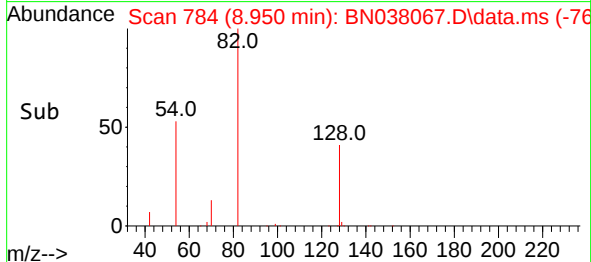
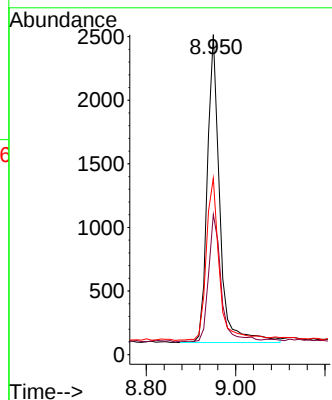
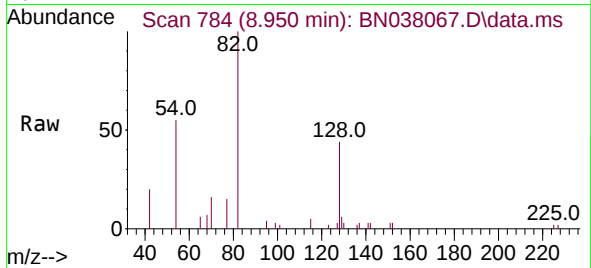




#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

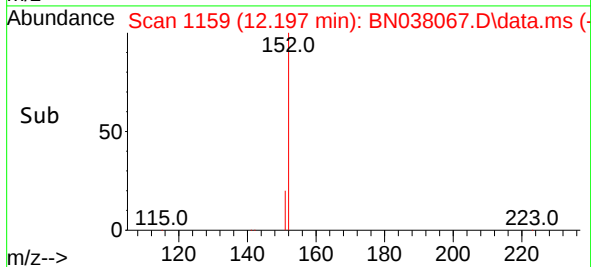
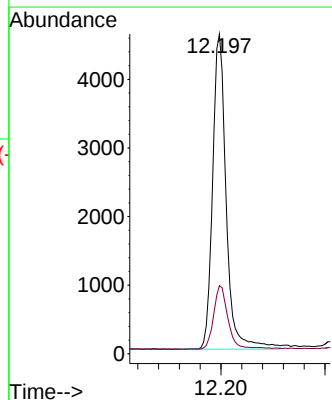
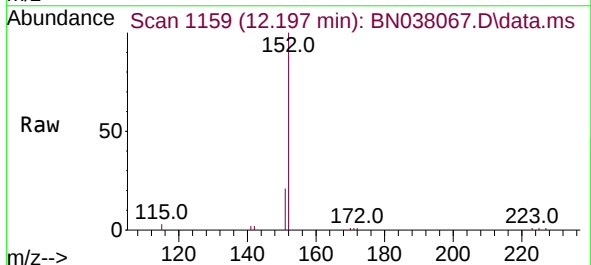
Instrument :
BNA_N
ClientSampleId :
PB169992BL

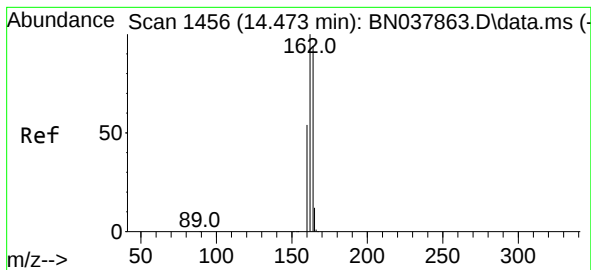
Tgt Ion: 82	Resp: 4699
Ion Ratio	Lower Upper
82	100
128	43.8 34.8 52.2
54	55.1 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

Tgt Ion: 152	Resp: 8332
Ion Ratio	Lower Upper
152	100
151	21.4 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.452 min Scan# 14

Delta R.T. -0.021 min

Lab File: BN038067.D

Acq: 13 Oct 2025 14:23

Instrument :

BNA_N

ClientSampleId :

PB169992BL

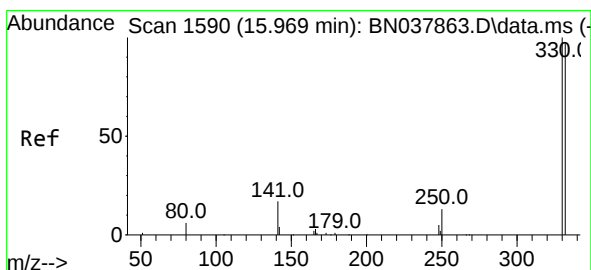
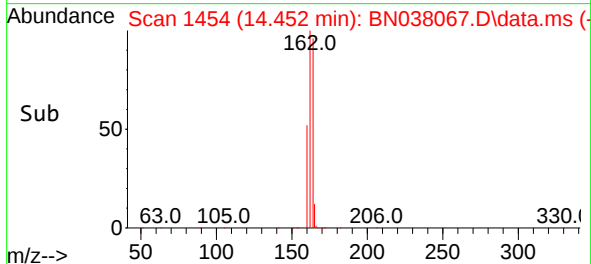
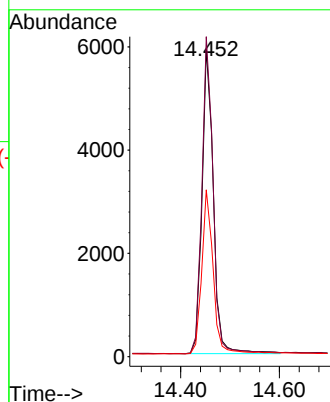
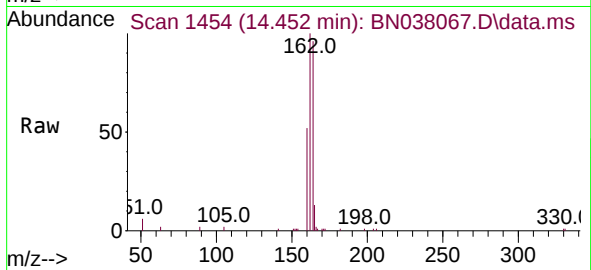
Tgt Ion:164 Resp: 9416

Ion Ratio Lower Upper

164 100

162 104.1 84.8 127.2

160 54.3 46.1 69.1



#14

2,4,6-Tribromophenol

Concen: 0.130 ng

RT: 15.957 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BN038067.D

Acq: 13 Oct 2025 14:23

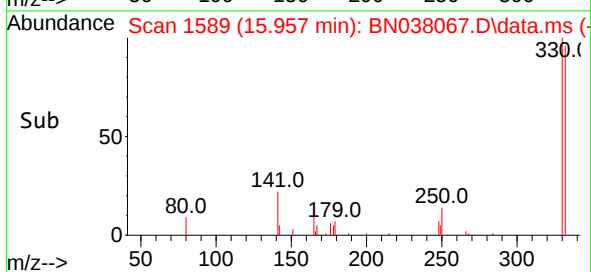
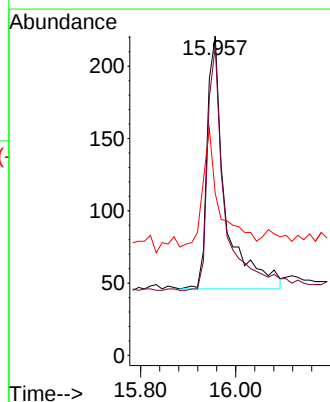
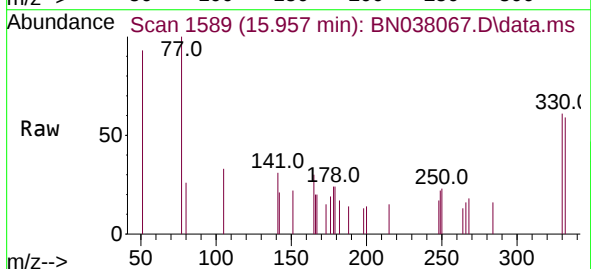
Tgt Ion:330 Resp: 465

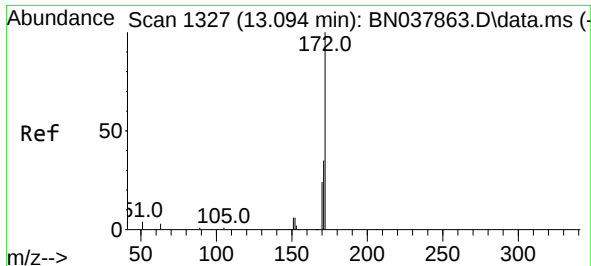
Ion Ratio Lower Upper

330 100

332 92.7 77.2 115.8

141 43.2 37.2 55.8

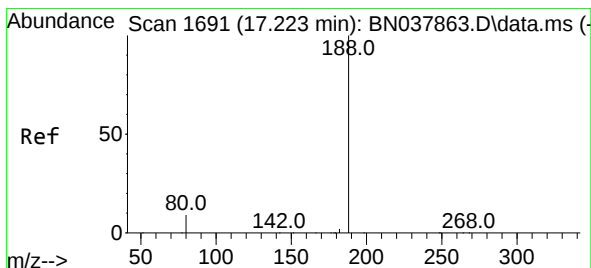
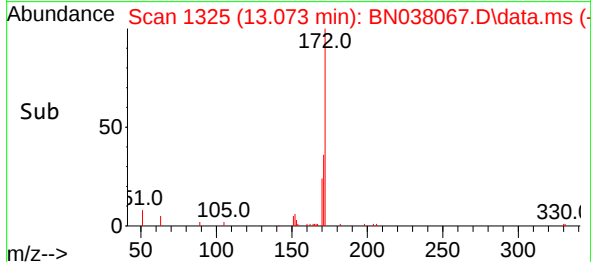
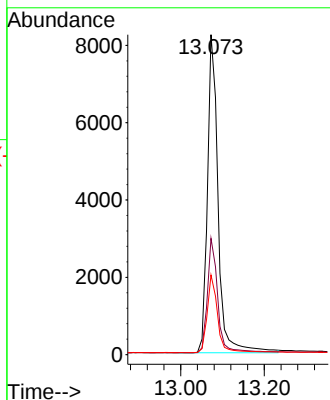
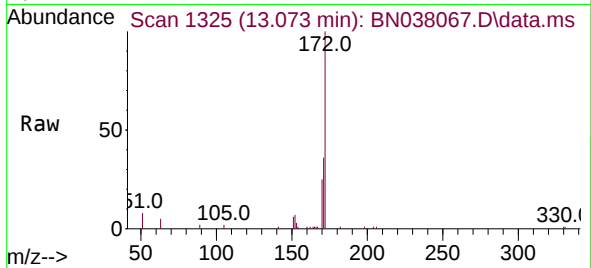




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.073 min Scan# 1327
Delta R.T. -0.021 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

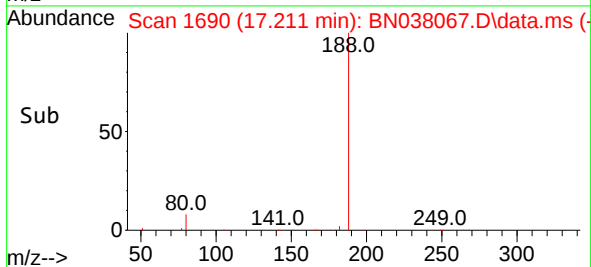
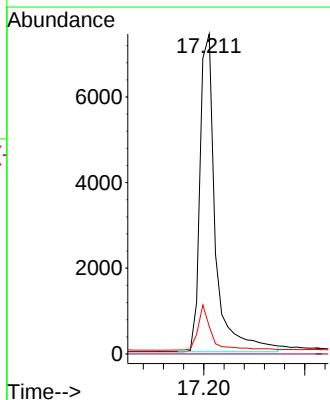
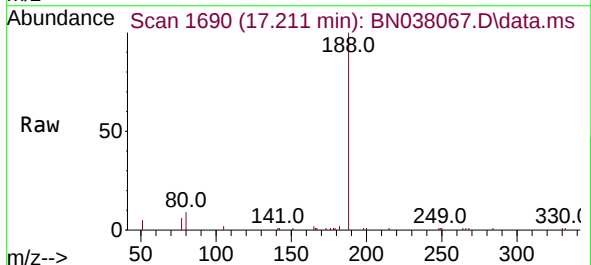
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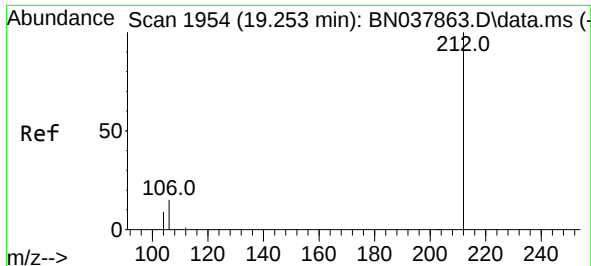
Tgt Ion:172 Resp: 13612
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

Tgt Ion:188 Resp: 15769
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 7.6 11.4

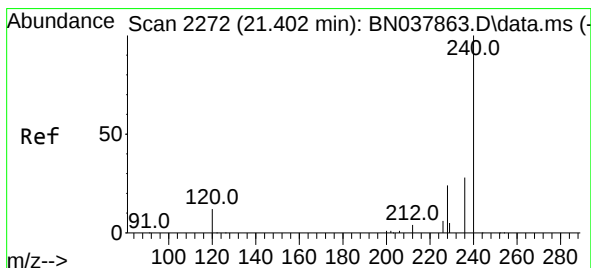
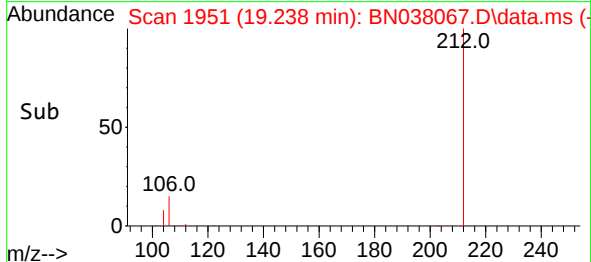
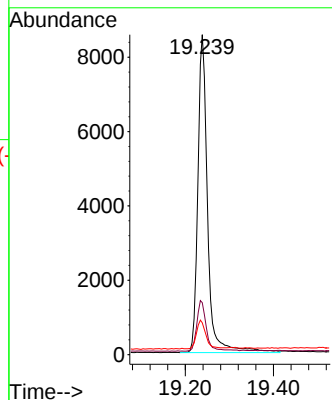
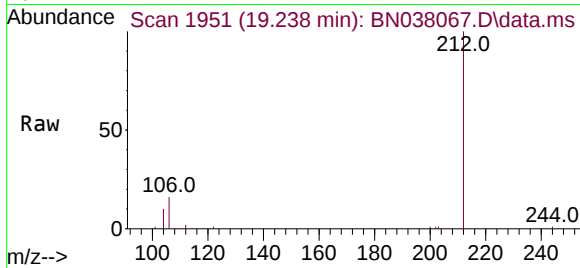




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

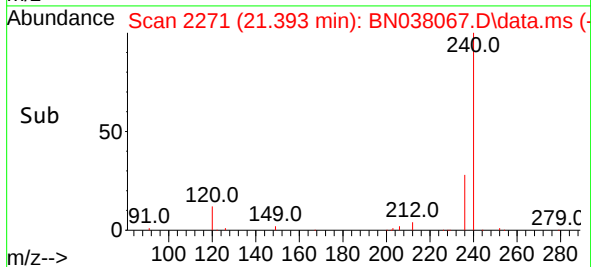
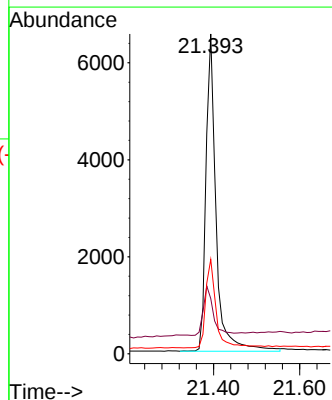
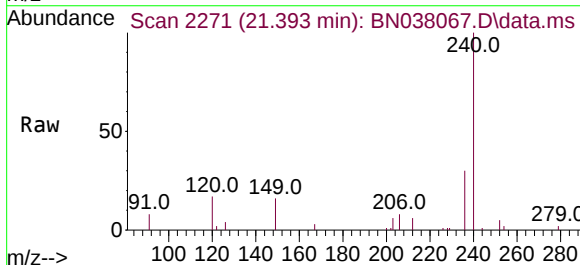
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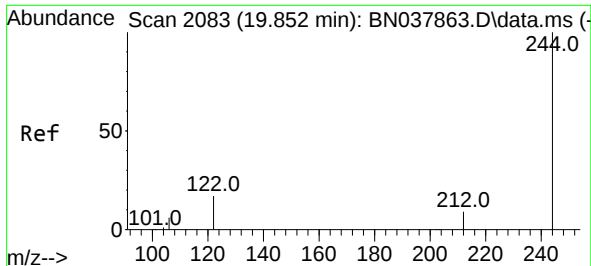
Tgt Ion:212 Resp: 13085
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 8.7 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

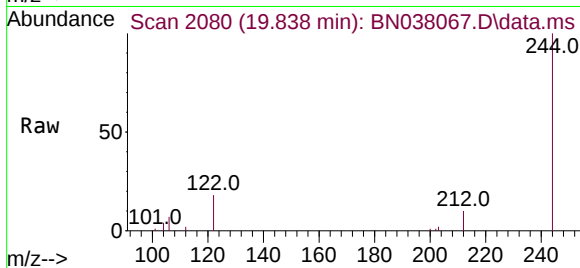
Tgt Ion:240 Resp: 10550
Ion Ratio Lower Upper
240 100
120 17.3 11.4 17.2#
236 29.5 23.0 34.6



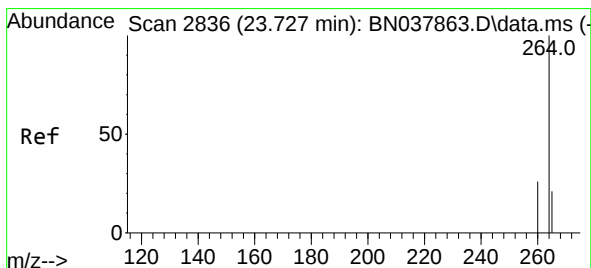
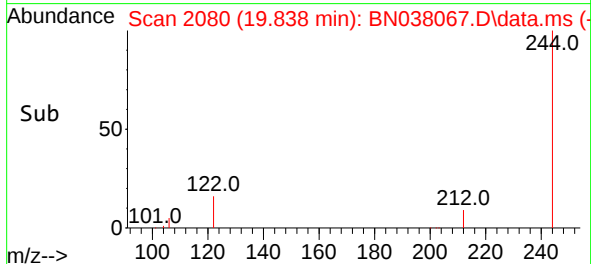
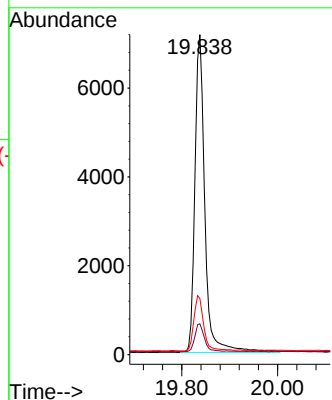


#31
Terphenyl-d14
Concen: 0.488 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

Instrument :
BNA_N
ClientSampleId :
PB169992BL



Tgt Ion:244 Resp: 10262
Ion Ratio Lower Upper
244 100
212 9.6 7.6 11.4
122 17.5 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 2831
Delta R.T. -0.015 min
Lab File: BN038067.D
Acq: 13 Oct 2025 14:23

Tgt Ion:264 Resp: 9532
Ion Ratio Lower Upper
264 100
260 27.0 21.5 32.3
265 128.6 53.8 80.6#

