

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
 Data File : BN038452.D
 Acq On : 16 Dec 2025 21:46
 Operator : RC/JU
 Sample : PB170971BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170971BL

Quant Time: Dec 17 02:56:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4830	0.400	ng	-0.01
7) Naphthalene-d8	10.509	136	12103	0.400	ng	#-0.02
13) Acenaphthene-d10	14.377	164	5609	0.400	ng	-0.02
19) Phenanthrene-d10	17.136	188	9381	0.400	ng	#-0.01
29) Chrysene-d12	21.330	240	7910	0.400	ng	0.00
35) Perylene-d12	23.613	264	8246	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	3843	0.319	ng	0.00
5) Phenol-d6	6.879	99	4121	0.288	ng	0.00
8) Nitrobenzene-d5	8.864	82	3405	0.334	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5062	0.296	ng	-0.01
14) 2,4,6-Tribromophenol	15.895	330	568	0.228	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	9843	0.364	ng	0.00
27) Fluoranthene-d10	19.173	212	7881	0.340	ng	-0.01
31) Terphenyl-d14	19.777	244	5905	0.335	ng	-0.01

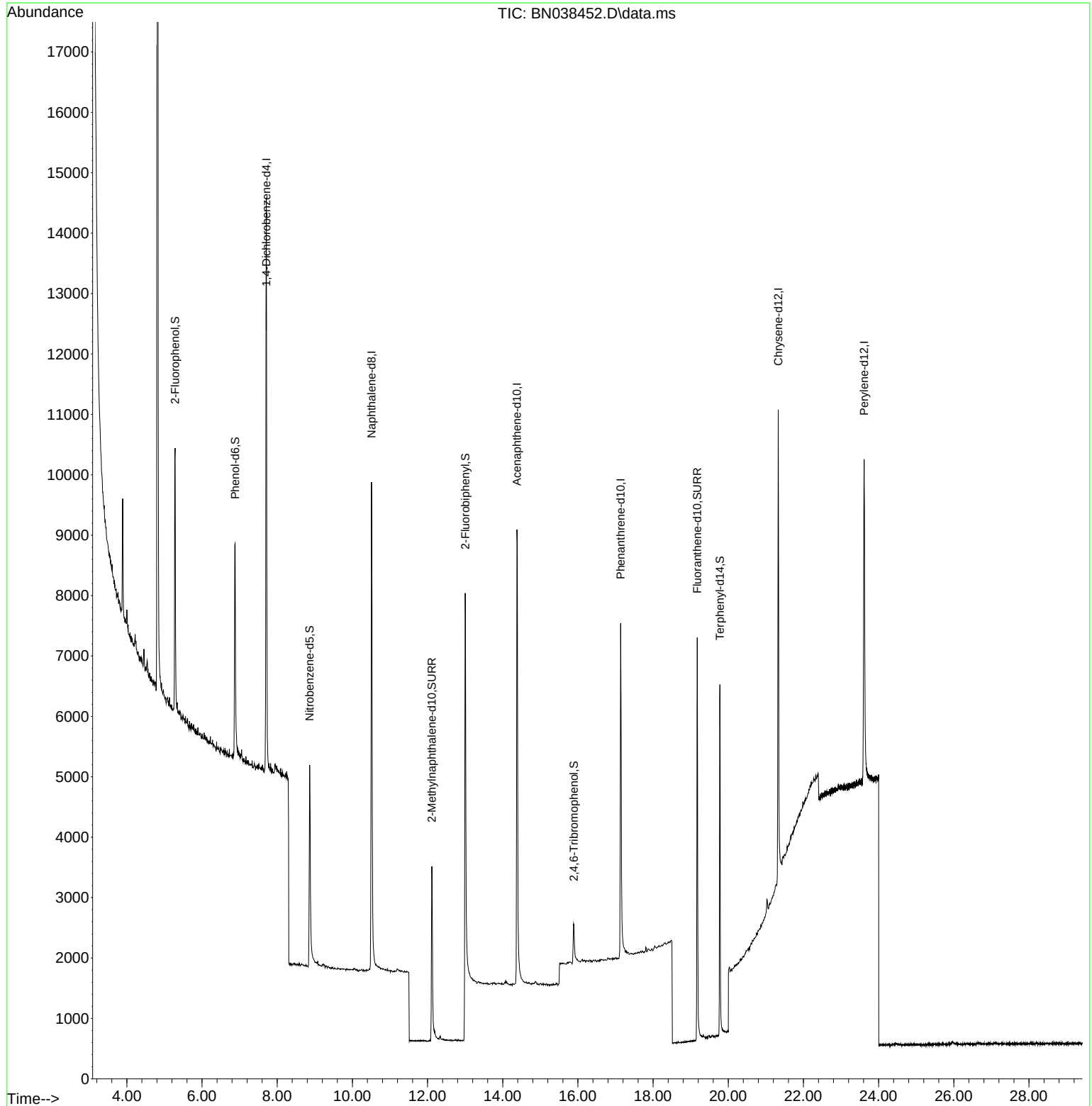
Target Compounds Qvalue

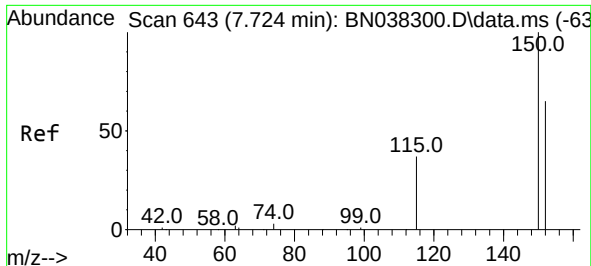
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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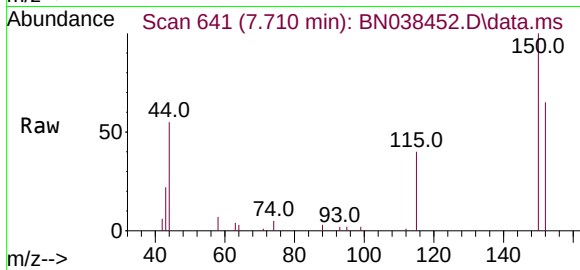
Quant Time: Dec 17 02:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
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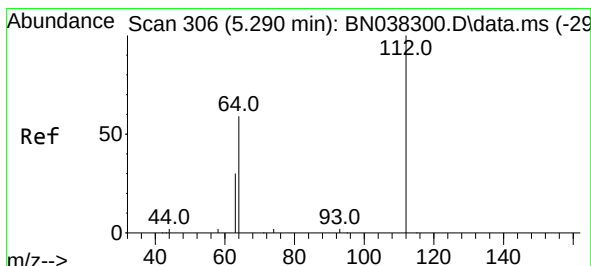
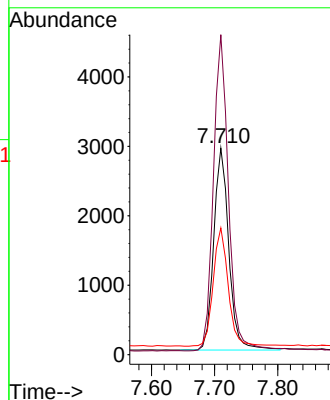
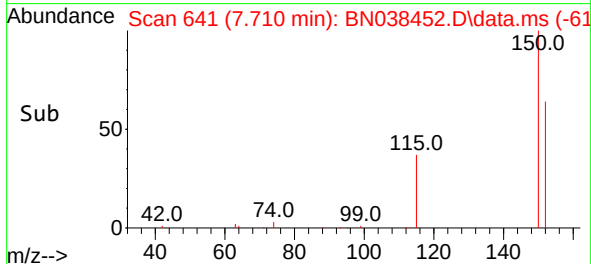


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN038452.D
 Acq: 16 Dec 2025 21:46

Instrument :
 BNA_N
 ClientSampleId :
 PB170971BL

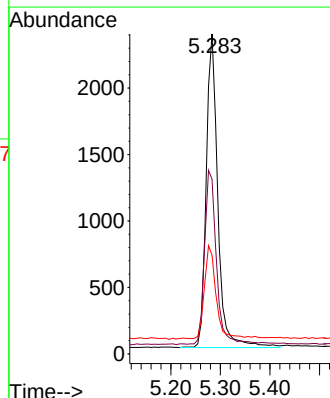
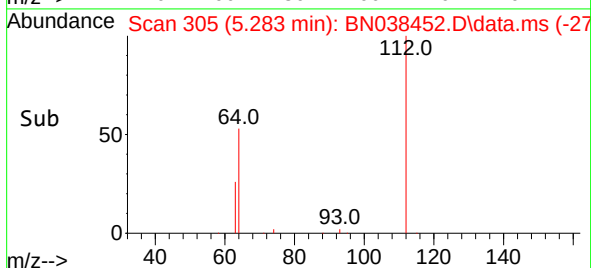
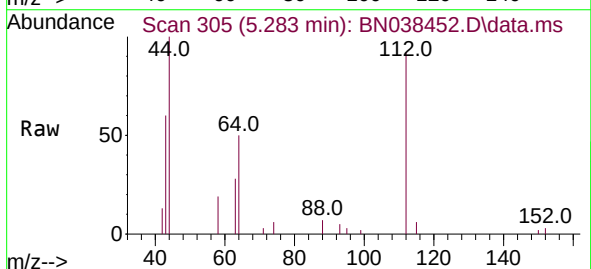


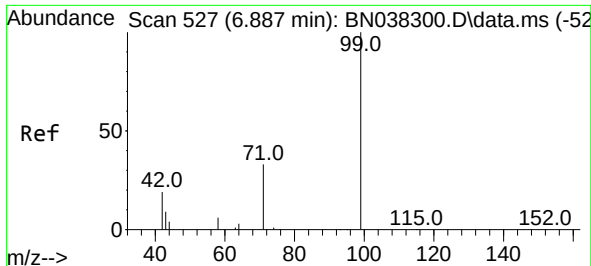
Tgt Ion:152 Resp: 4830
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.4 183.6
 115 61.3 47.3 70.9



#4
 2-Fluorophenol
 Concen: 0.319 ng
 RT: 5.283 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN038452.D
 Acq: 16 Dec 2025 21:46

Tgt Ion:112 Resp: 3843
 Ion Ratio Lower Upper
 112 100
 64 56.5 44.4 66.6
 63 29.2 23.4 35.0

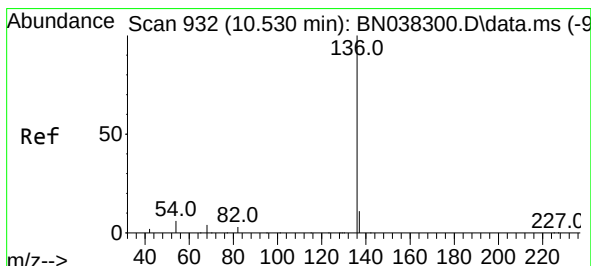
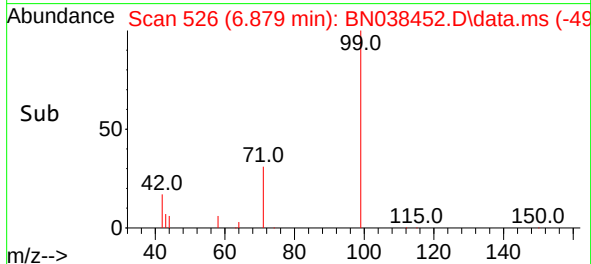
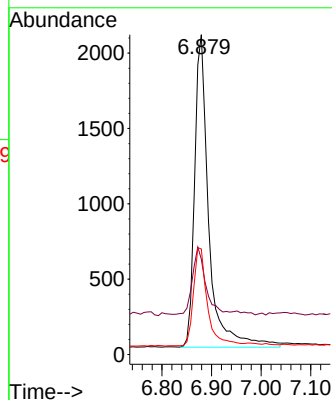
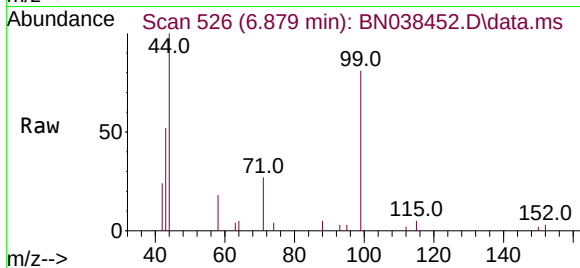




#5
Phenol-d6
Concen: 0.288 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038452.D
Acq: 16 Dec 2025 21:46

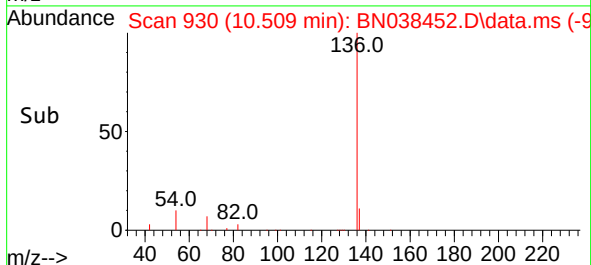
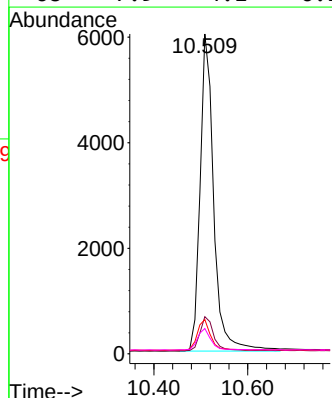
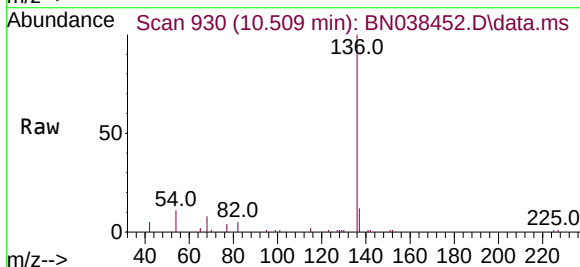
Instrument :
BNA_N
ClientSampleId :
PB170971BL

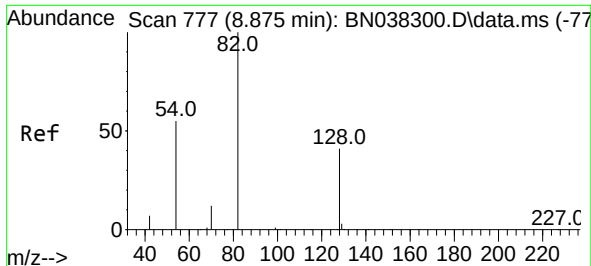
Tgt Ion:	99	Resp:	4121
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.5	24.7
71	31.0	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.021 min
Lab File: BN038452.D
Acq: 16 Dec 2025 21:46

Tgt Ion:	136	Resp:	12103
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.7	5.2	7.8#
68	7.9	4.1	6.1#

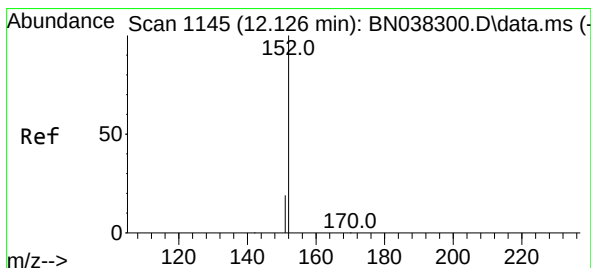
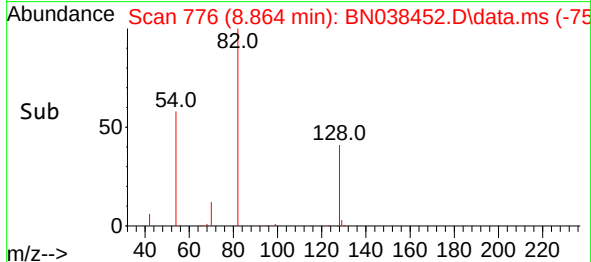
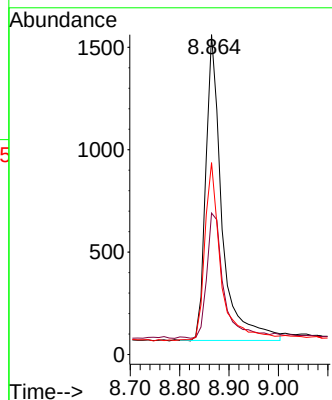
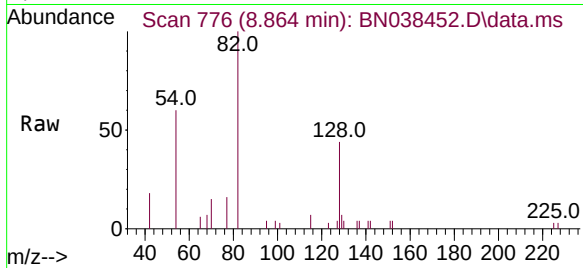




#8
 Nitrobenzene-d5
 Concen: 0.334 ng
 RT: 8.864 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN038452.D
 Acq: 16 Dec 2025 21:46

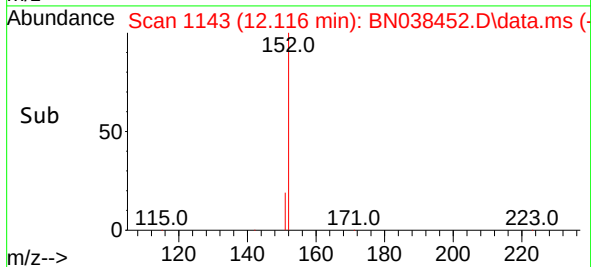
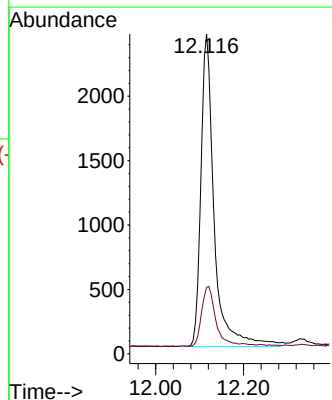
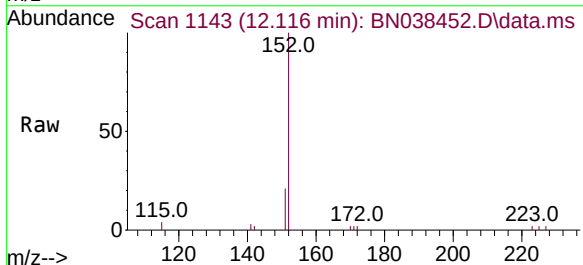
Instrument :
 BNA_N
 ClientSampleId :
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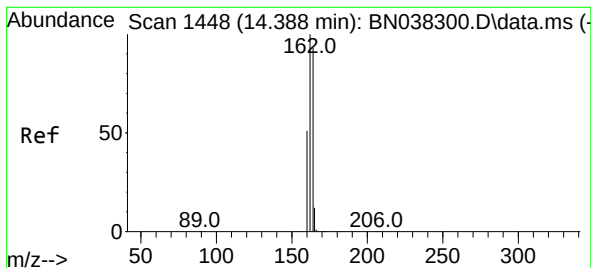
Tgt Ion: 82 Resp: 3405
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.0 51.0
 54 60.0 44.4 66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.296 ng
 RT: 12.116 min Scan# 1143
 Delta R.T. -0.010 min
 Lab File: BN038452.D
 Acq: 16 Dec 2025 21:46

Tgt Ion: 152 Resp: 5062
 Ion Ratio Lower Upper
 152 100
 151 20.4 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.377 min Scan# 1447

Delta R.T. -0.021 min

Lab File: BN038452.D

Acq: 16 Dec 2025 21:46

Instrument :

BNA_N

ClientSampleId :

PB170971BL

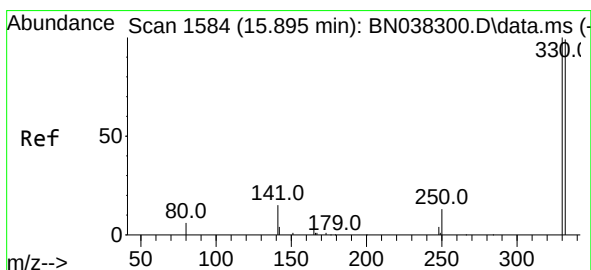
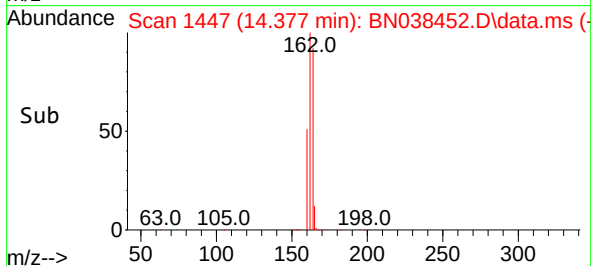
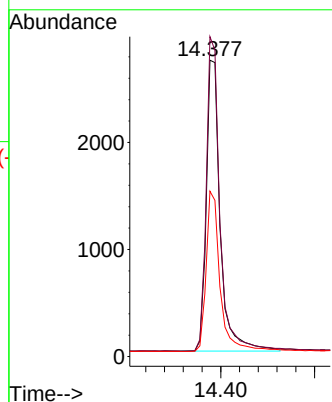
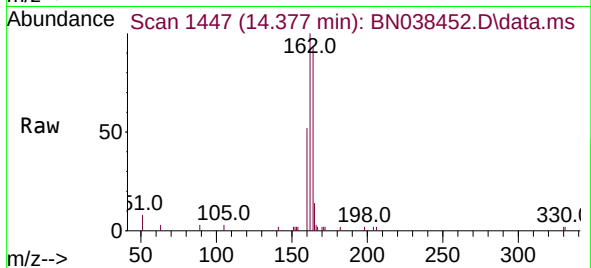
Tgt Ion:164 Resp: 5609

Ion Ratio Lower Upper

164 100

162 107.9 86.2 129.4

160 55.8 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.228 ng

RT: 15.895 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BN038452.D

Acq: 16 Dec 2025 21:46

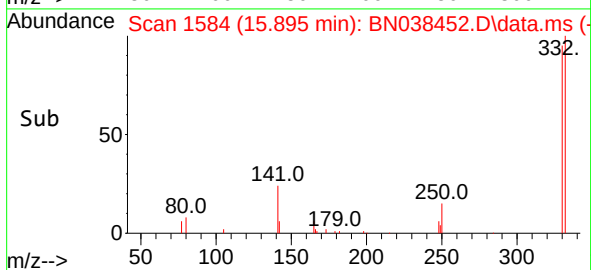
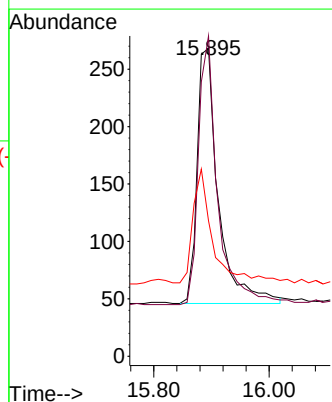
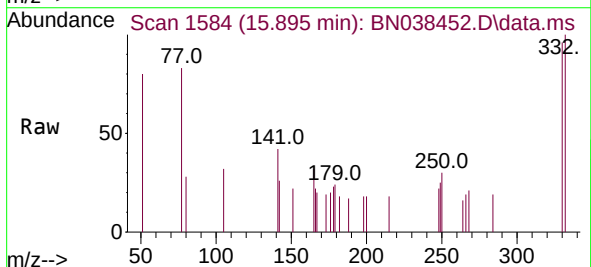
Tgt Ion:330 Resp: 568

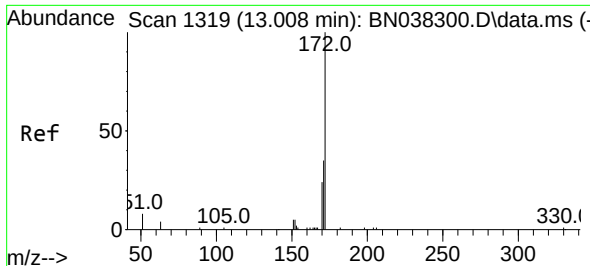
Ion Ratio Lower Upper

330 100

332 95.8 75.8 113.6

141 41.9 31.8 47.8

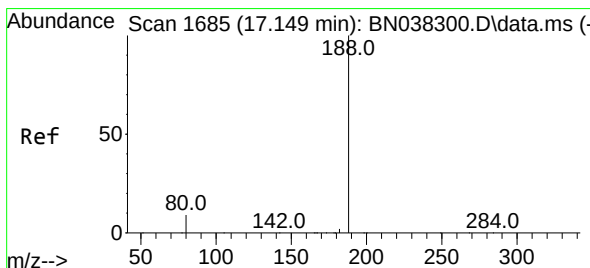
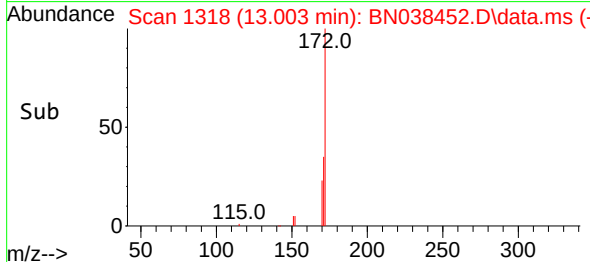
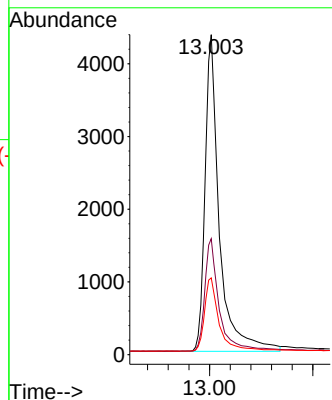
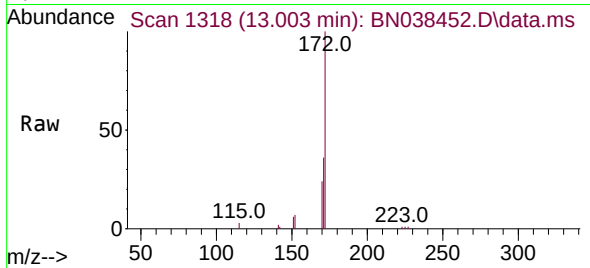




#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.003 min Scan# 1319
Delta R.T. -0.005 min
Lab File: BN038452.D
Acq: 16 Dec 2025 21:46

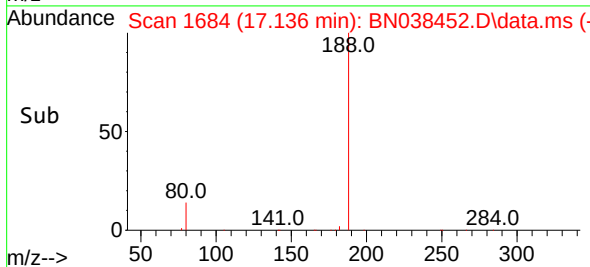
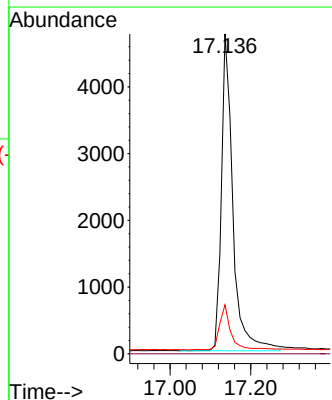
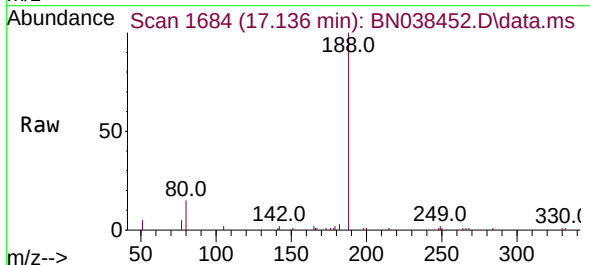
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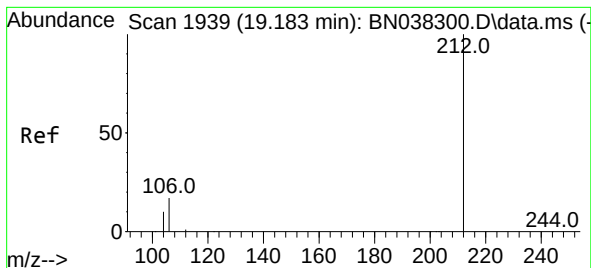
Tgt Ion:	172	Resp:	9843
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	42.8
170	24.0	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN038452.D
Acq: 16 Dec 2025 21:46

Tgt Ion:	188	Resp:	9381
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.3	7.4	11.0





#27

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.173 min Scan# 1937

Delta R.T. -0.014 min

Lab File: BN038452.D

Acq: 16 Dec 2025 21:46

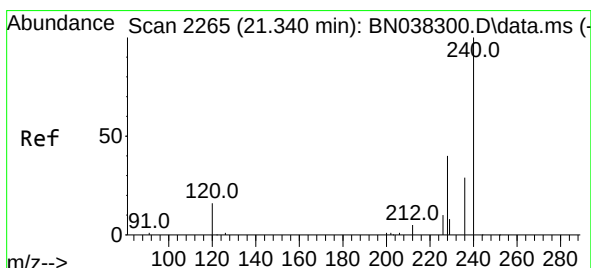
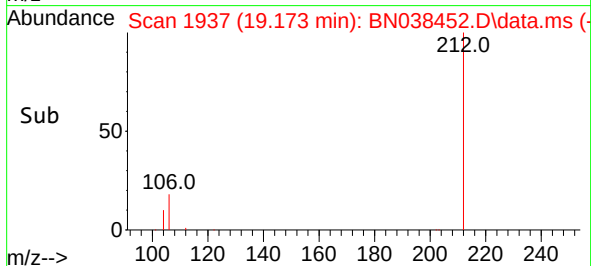
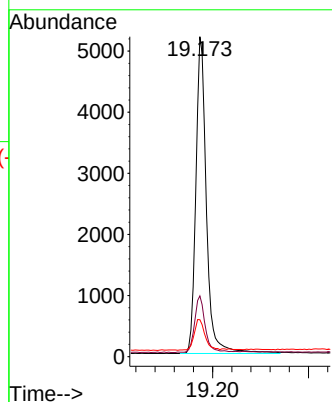
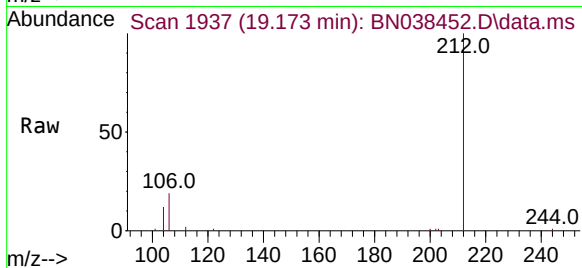
Instrument :

BNA_N

ClientSampleId :

PB170971BL

Tgt Ion:212	Resp:	7881
Ion Ratio	Lower	Upper
212	100	
106	18.1	13.7 20.5
104	9.9	7.8 11.8



#29

Chrysene-d12

Concen: 0.400 ng

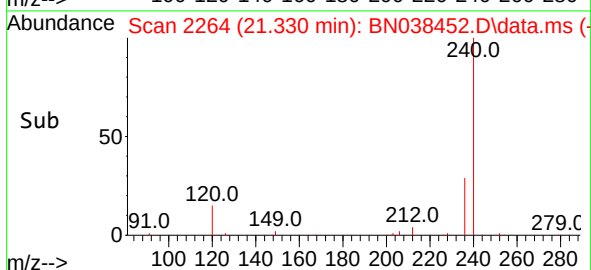
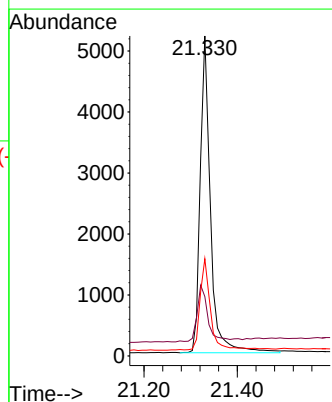
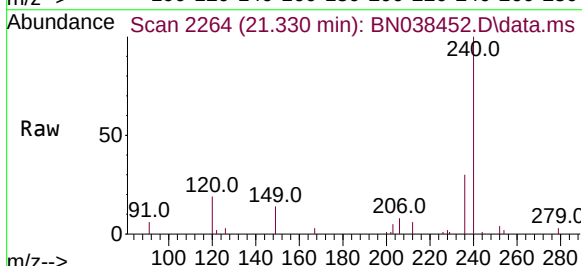
RT: 21.330 min Scan# 2264

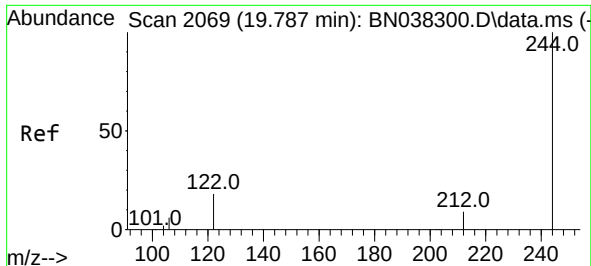
Delta R.T. -0.009 min

Lab File: BN038452.D

Acq: 16 Dec 2025 21:46

Tgt Ion:240	Resp:	7910
Ion Ratio	Lower	Upper
240	100	
120	18.5	15.4 23.2
236	30.4	23.9 35.9

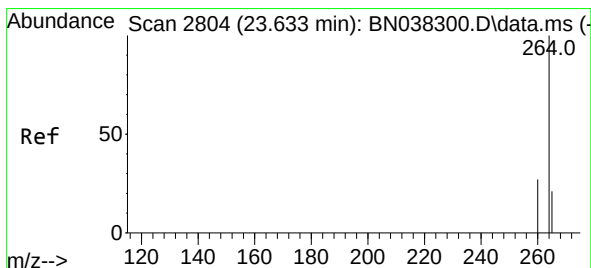
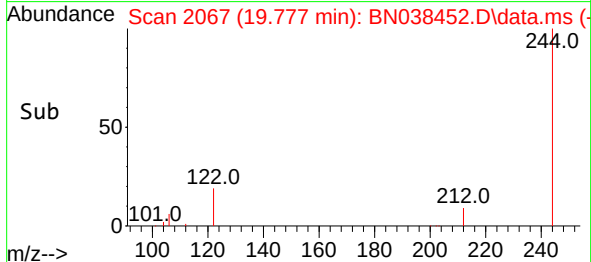
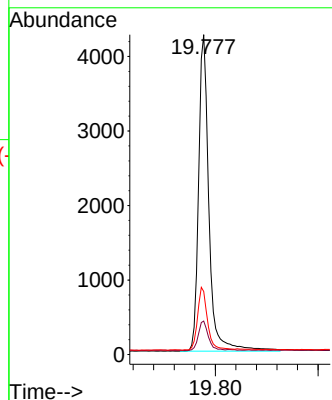
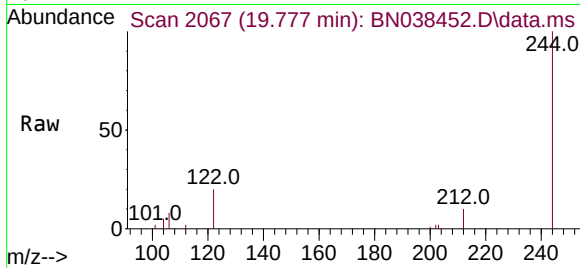




#31
 Terphenyl-d14
 Concen: 0.335 ng
 RT: 19.777 min Scan# 2067
 Delta R.T. -0.014 min
 Lab File: BN038452.D
 Acq: 16 Dec 2025 21:46

Instrument :
 BNA_N
 ClientSampleId :
 PB170971BL

Tgt Ion:244 Resp: 5905
 Ion Ratio Lower Upper
 244 100
 212 10.5 7.9 11.9
 122 19.7 15.0 22.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.613 min Scan# 2797
 Delta R.T. -0.021 min
 Lab File: BN038452.D
 Acq: 16 Dec 2025 21:46

Tgt Ion:264 Resp: 8246
 Ion Ratio Lower Upper
 264 100
 260 28.3 22.2 33.2
 265 103.9 80.2 120.2

