

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092325\
 Data File : BN037869.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : PB169743BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 23 18:16:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:30:29 2025
 Response via : Initial Calibration

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

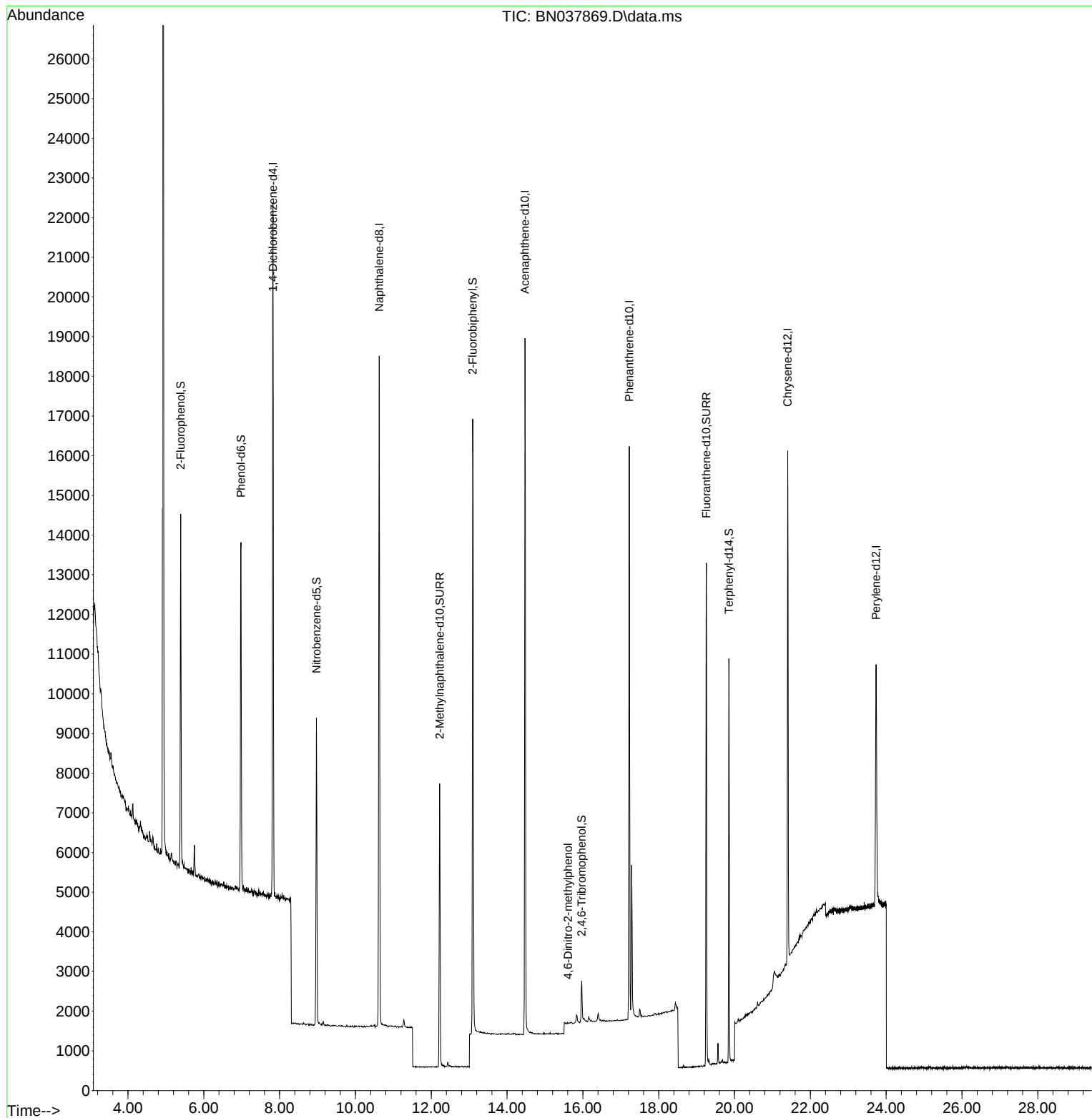
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	8462	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	22021	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10022	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	18100	0.400	ng	0.00
29) Chrysene-d12	21.402	240	11577	0.400	ng	# 0.00
35) Perylene-d12	23.733	264	9013	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	6776	0.351	ng	0.00
5) Phenol-d6	6.981	99	8366	0.330	ng	0.00
8) Nitrobenzene-d5	8.971	82	5937	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.222	152	9666	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	665	0.164	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	14902	0.363	ng	0.00
27) Fluoranthene-d10	19.257	212	13902	0.305	ng	0.00
31) Terphenyl-d14	19.852	244	9418	0.408	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.609	198	1	0.068	ng	# 1

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

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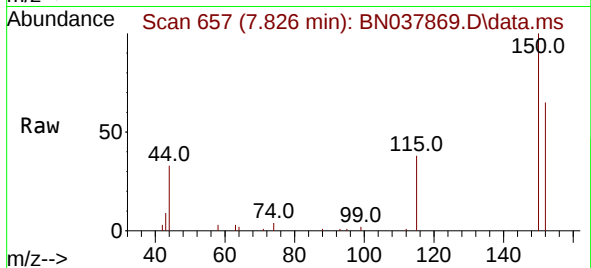
Quant Time: Sep 23 18:16:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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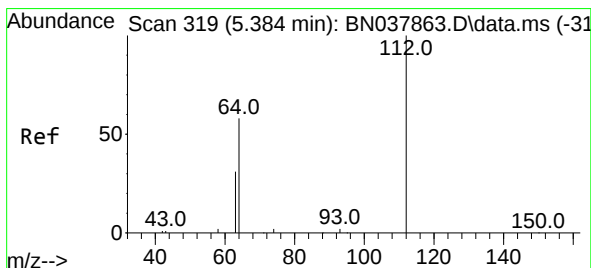
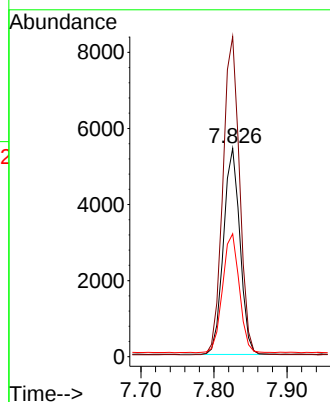
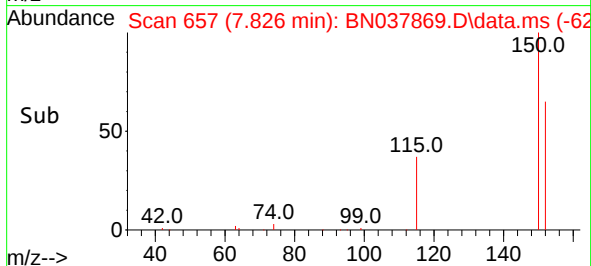


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN037869.D
 Acq: 23 Sep 2025 17:42

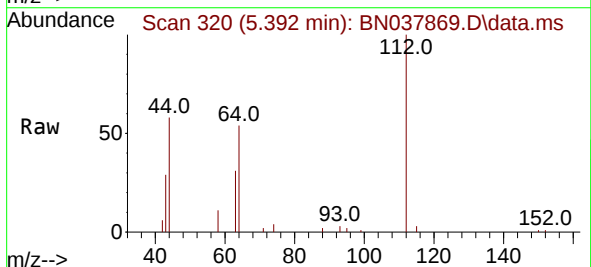
Instrument :
 BNA_N
 ClientSampleId :



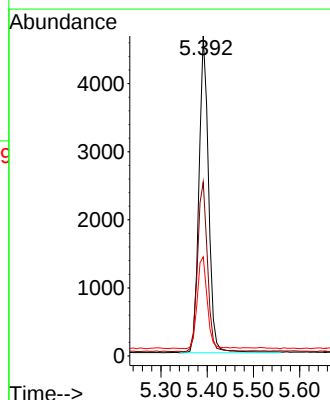
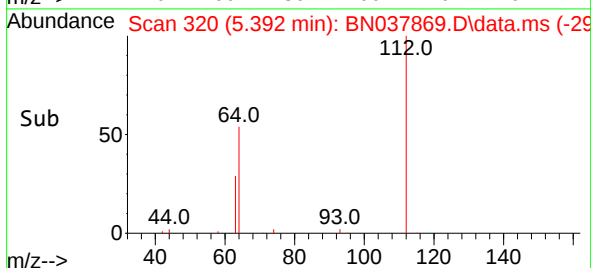
Tgt Ion:152 Resp: 8462
 Ion Ratio Lower Upper
 152 100
 150 153.6 121.0 181.4
 115 59.0 47.4 71.0

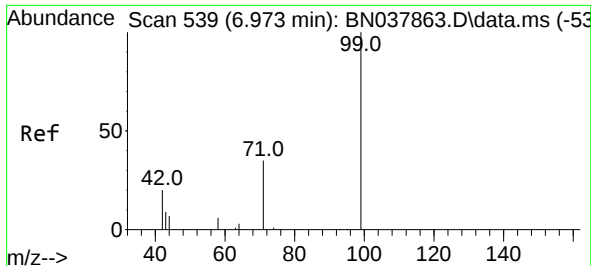


#4
 2-Fluorophenol
 Concen: 0.351 ng
 RT: 5.392 min Scan# 320
 Delta R.T. 0.007 min
 Lab File: BN037869.D
 Acq: 23 Sep 2025 17:42



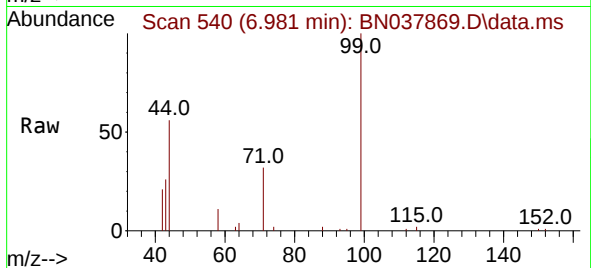
Tgt Ion:112 Resp: 6776
 Ion Ratio Lower Upper
 112 100
 64 55.2 44.6 66.8
 63 30.0 24.9 37.3



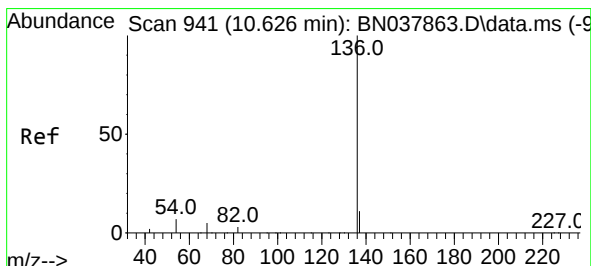
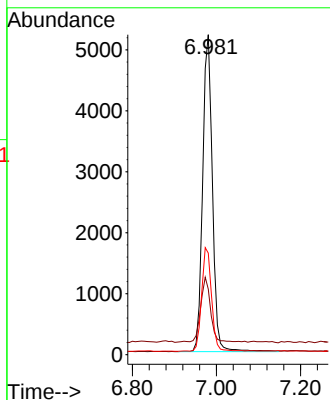
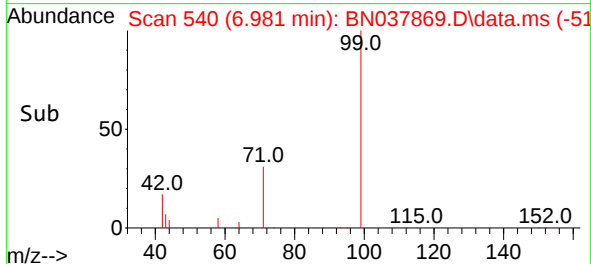


#5
Phenol-d6
Concen: 0.330 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.007 min
Lab File: BN037869.D
Acq: 23 Sep 2025 17:42

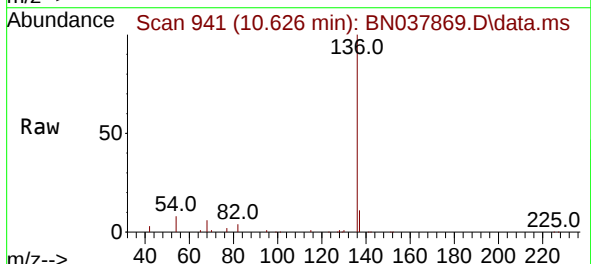
Instrument :
BNA_N
ClientSampleId :



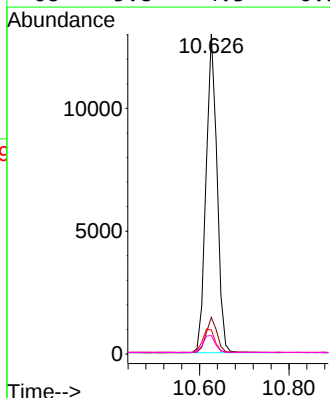
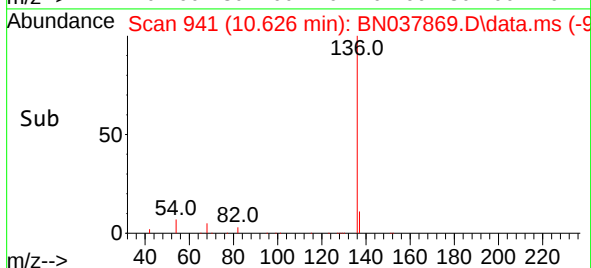
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.2	25.8
71	33.3	27.3	40.9

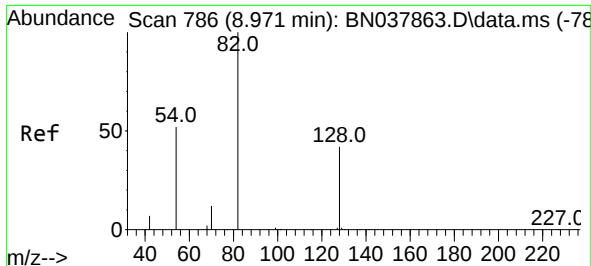


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN037869.D
Acq: 23 Sep 2025 17:42



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.5	5.8	8.8
68	5.8	4.3	6.5

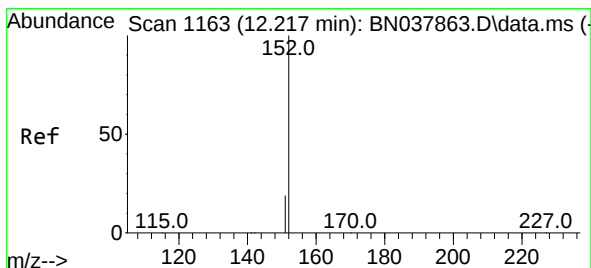
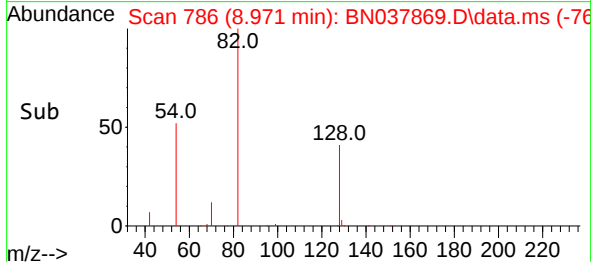
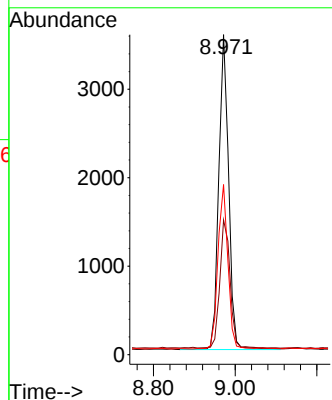
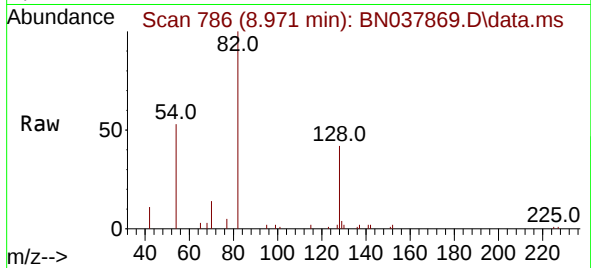




#8
 Nitrobenzene-d5
 Concen: 0.353 ng
 RT: 8.971 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037869.D
 Acq: 23 Sep 2025 17:42

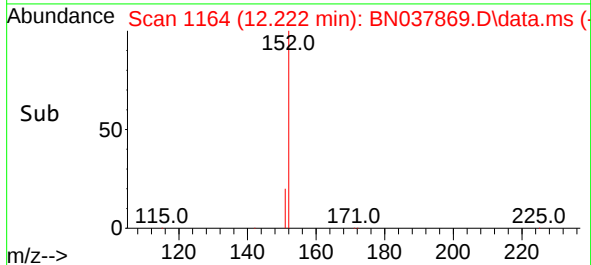
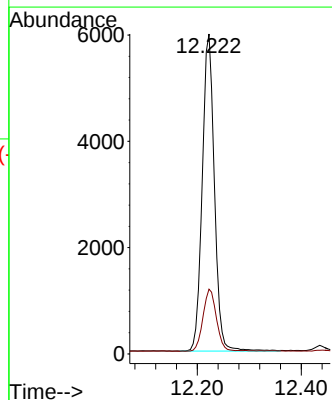
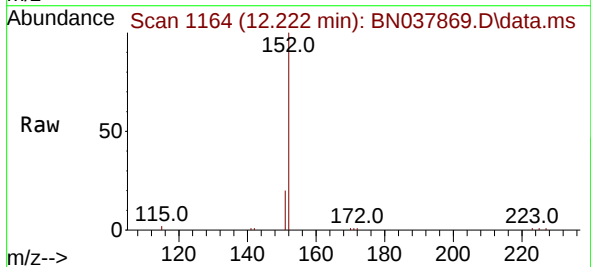
Instrument :
 BNA_N
 ClientSampleId :

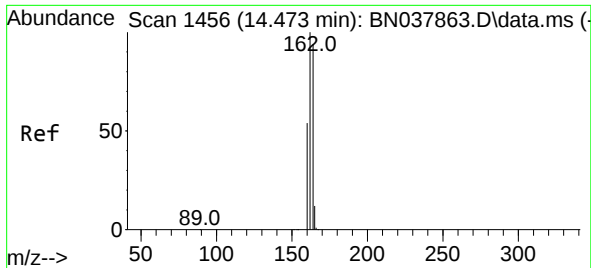
Tgt Ion: 82 Resp: 5937
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.8 52.2
 54 53.1 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.316 ng
 RT: 12.222 min Scan# 1164
 Delta R.T. 0.005 min
 Lab File: BN037869.D
 Acq: 23 Sep 2025 17:42

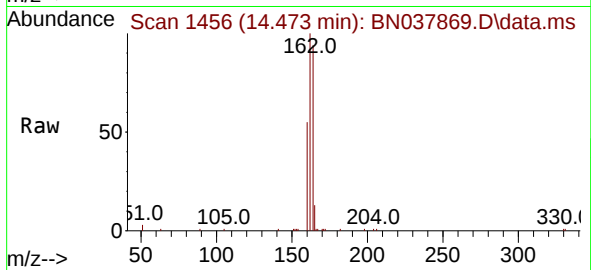
Tgt Ion: 152 Resp: 9666
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.4 26.2



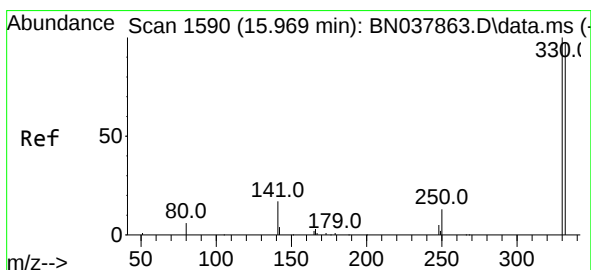
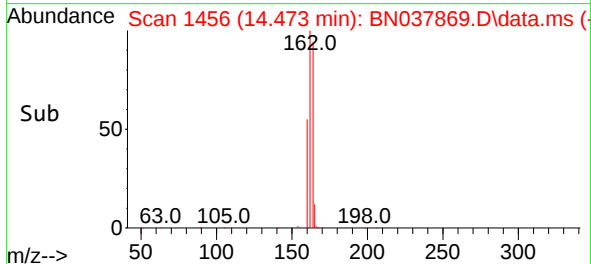
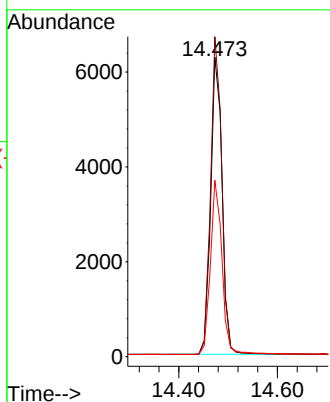


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037869.D
Acq: 23 Sep 2025 17:42

Instrument :
BNA_N
ClientSampleId :

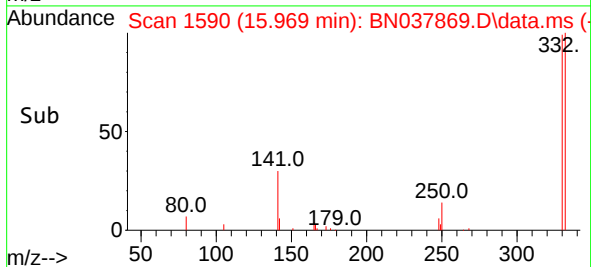
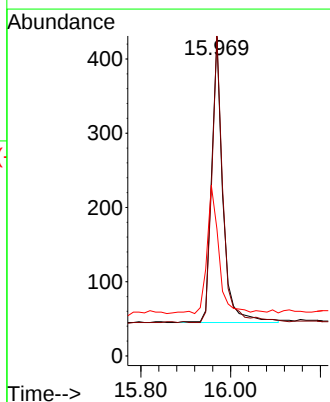
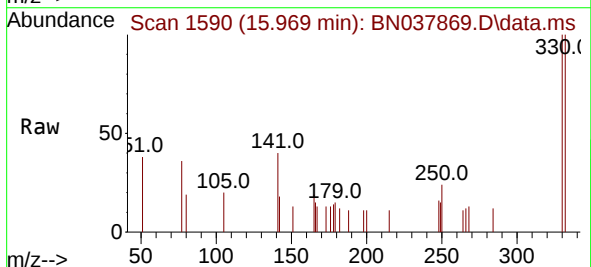


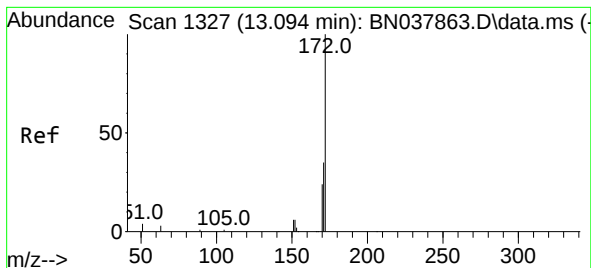
Tgt Ion:164 Resp: 10022
Ion Ratio Lower Upper
164 100
162 106.8 84.8 127.2
160 58.9 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037869.D
Acq: 23 Sep 2025 17:42

Tgt Ion:330 Resp: 665
Ion Ratio Lower Upper
330 100
332 98.5 77.2 115.8
141 48.7 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.363 ng

RT: 13.094 min Scan# 1

Delta R.T. 0.000 min

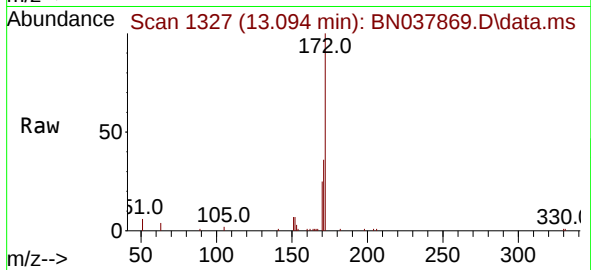
Lab File: BN037869.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_N

ClientSampleId :



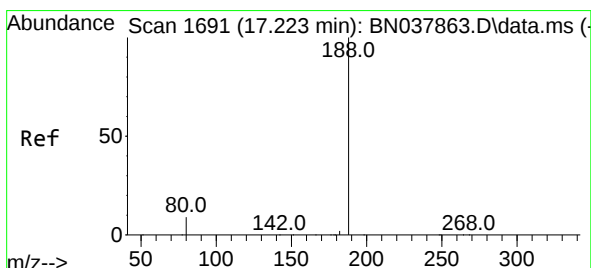
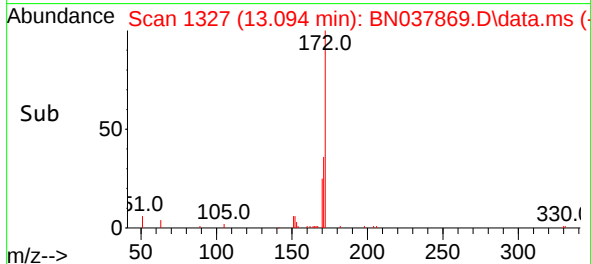
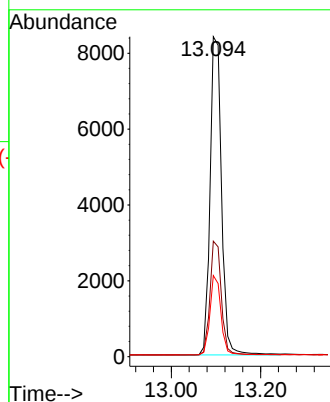
Tgt Ion:172 Resp: 14902

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: 17.223 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BN037869.D

Acq: 23 Sep 2025 17:42

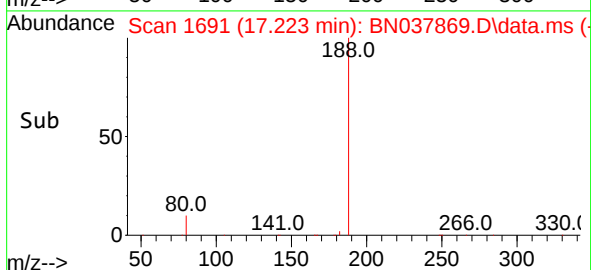
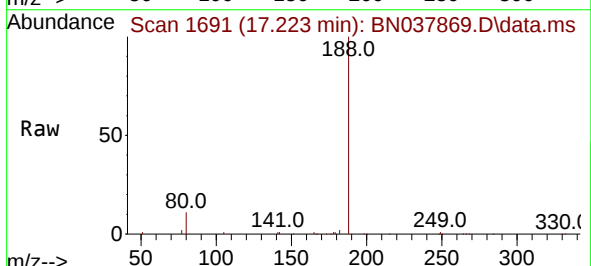
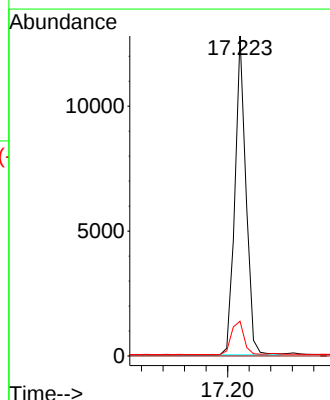
Tgt Ion:188 Resp: 18100

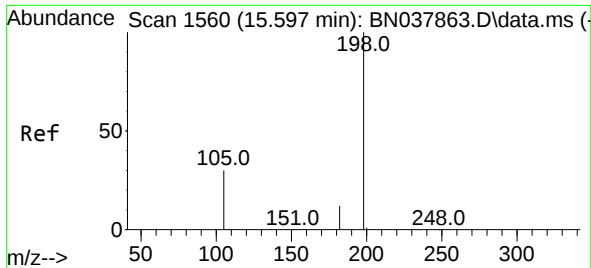
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 7.6 11.4

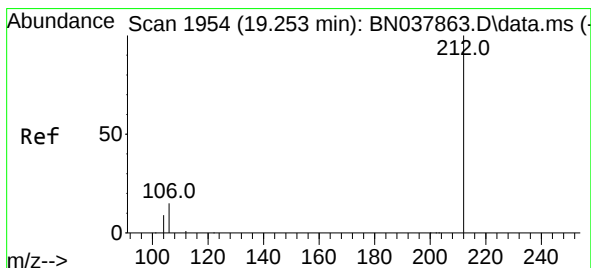
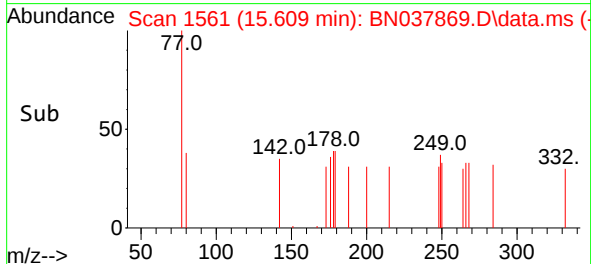
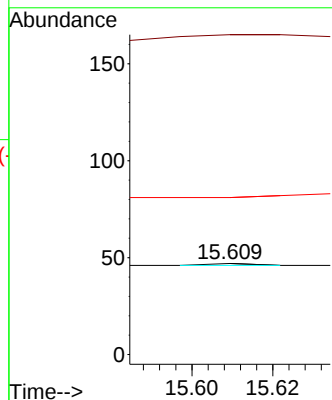
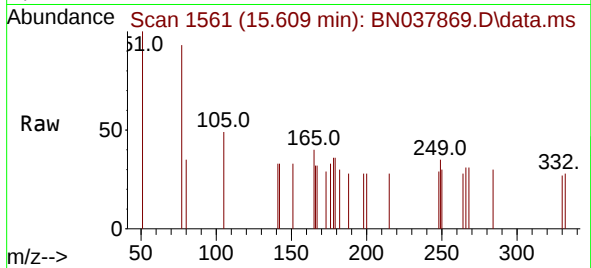




#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.609 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN037869.D
Acq: 23 Sep 2025 17:42

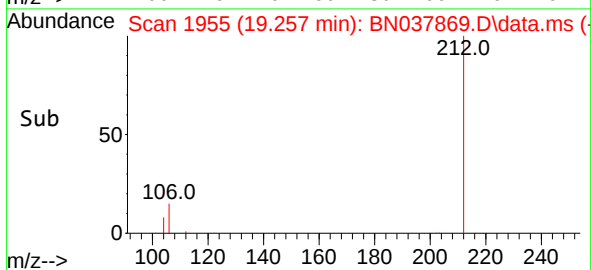
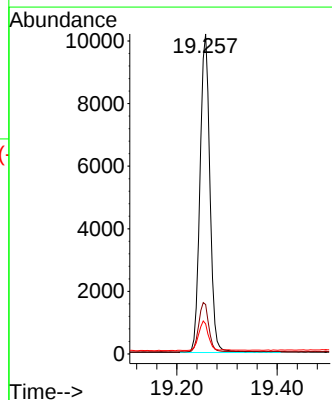
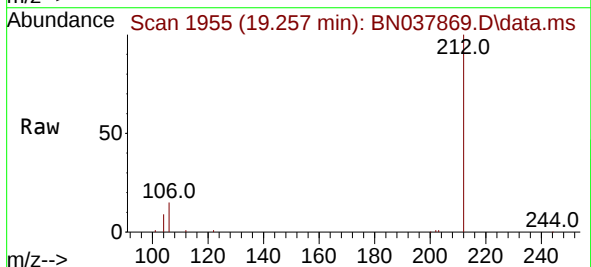
Instrument :
BNA_N
ClientSampleId :

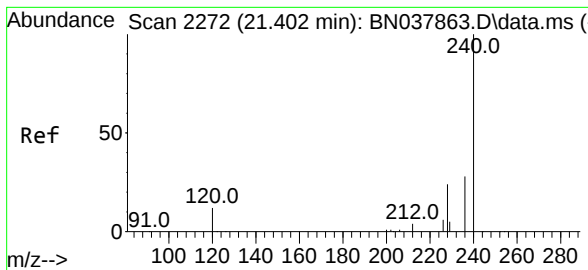
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 351.1 59.1 88.7#
105 172.3 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.257 min Scan# 1955
Delta R.T. 0.005 min
Lab File: BN037869.D
Acq: 23 Sep 2025 17:42

Tgt Ion:212 Resp: 13902
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 8.9 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037869.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_N

ClientSampleId :

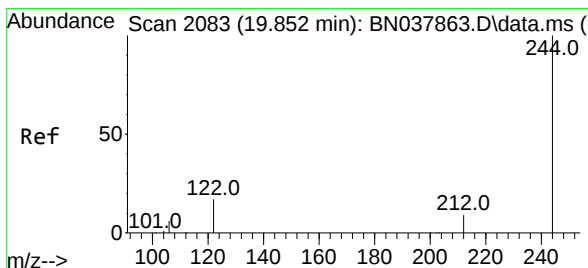
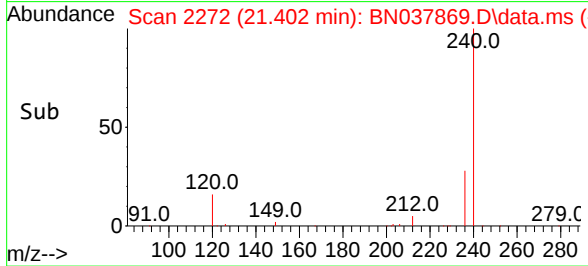
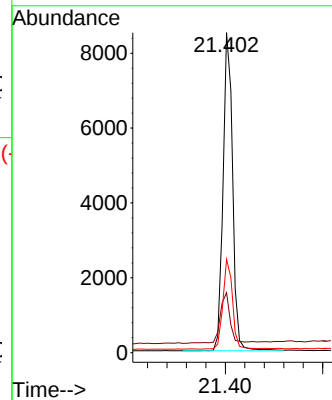
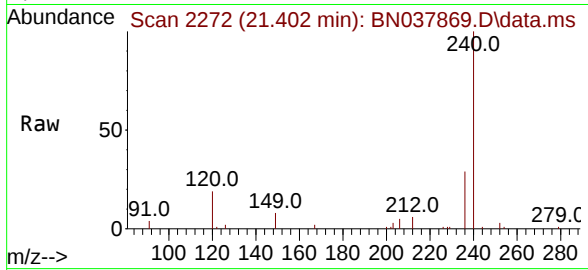
Tgt Ion:240 Resp: 11577

Ion Ratio Lower Upper

240 100

120 18.7 11.4 17.2#

236 29.2 23.0 34.6



#31

Terphenyl-d14

Concen: 0.408 ng

RT: 19.852 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BN037869.D

Acq: 23 Sep 2025 17:42

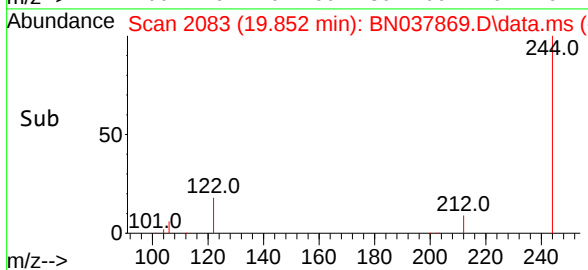
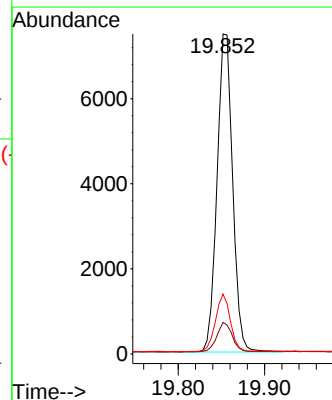
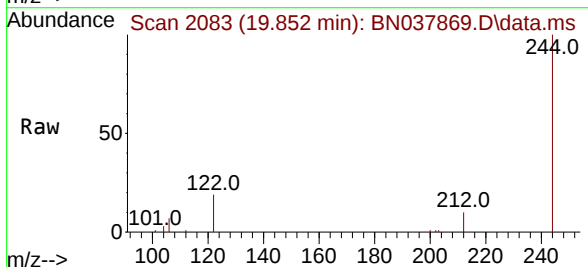
Tgt Ion:244 Resp: 9418

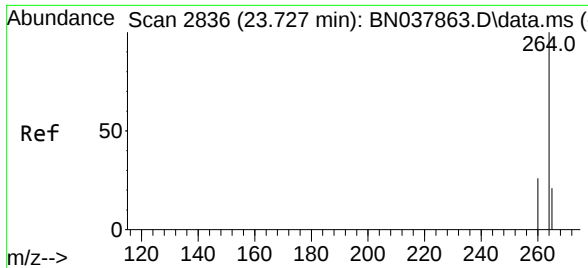
Ion Ratio Lower Upper

244 100

212 9.9 7.6 11.4

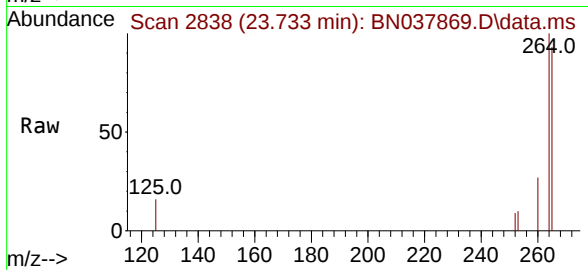
122 18.7 13.9 20.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.733 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN037869.D
 Acq: 23 Sep 2025 17:42

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 9013
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.5 32.3
 265 93.4 53.8 80.6#

