

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
 Data File : BN037361.D
 Acq On : 20 Jun 2025 22:16
 Operator : RC/JU
 Sample : PB168563BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168563BL

Quant Time: Jun 20 23:51:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 23:41:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1968	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	4045	0.400	ng	0.01
13) Acenaphthene-d10	14.224	164	2736	0.400	ng	0.01
19) Phenanthrene-d10	16.984	188	4864	0.400	ng	0.01
29) Chrysene-d12	21.171	240	4288	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	3457	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1419	0.361	ng	0.00
5) Phenol-d6	6.759	99	1185	0.293	ng	0.00
8) Nitrobenzene-d5	8.739	82	978	0.299	ng	0.02
11) 2-Methylnaphthalene-d10	11.960	152	2116	0.323	ng	0.02
14) 2,4,6-Tribromophenol	15.742	330	469	0.292	ng	0.02
15) 2-Fluorobiphenyl	12.853	172	3920	0.326	ng	0.02
27) Fluoranthene-d10	19.012	212	5207	0.373	ng	0.00
31) Terphenyl-d14	19.621	244	3648	0.373	ng	0.00

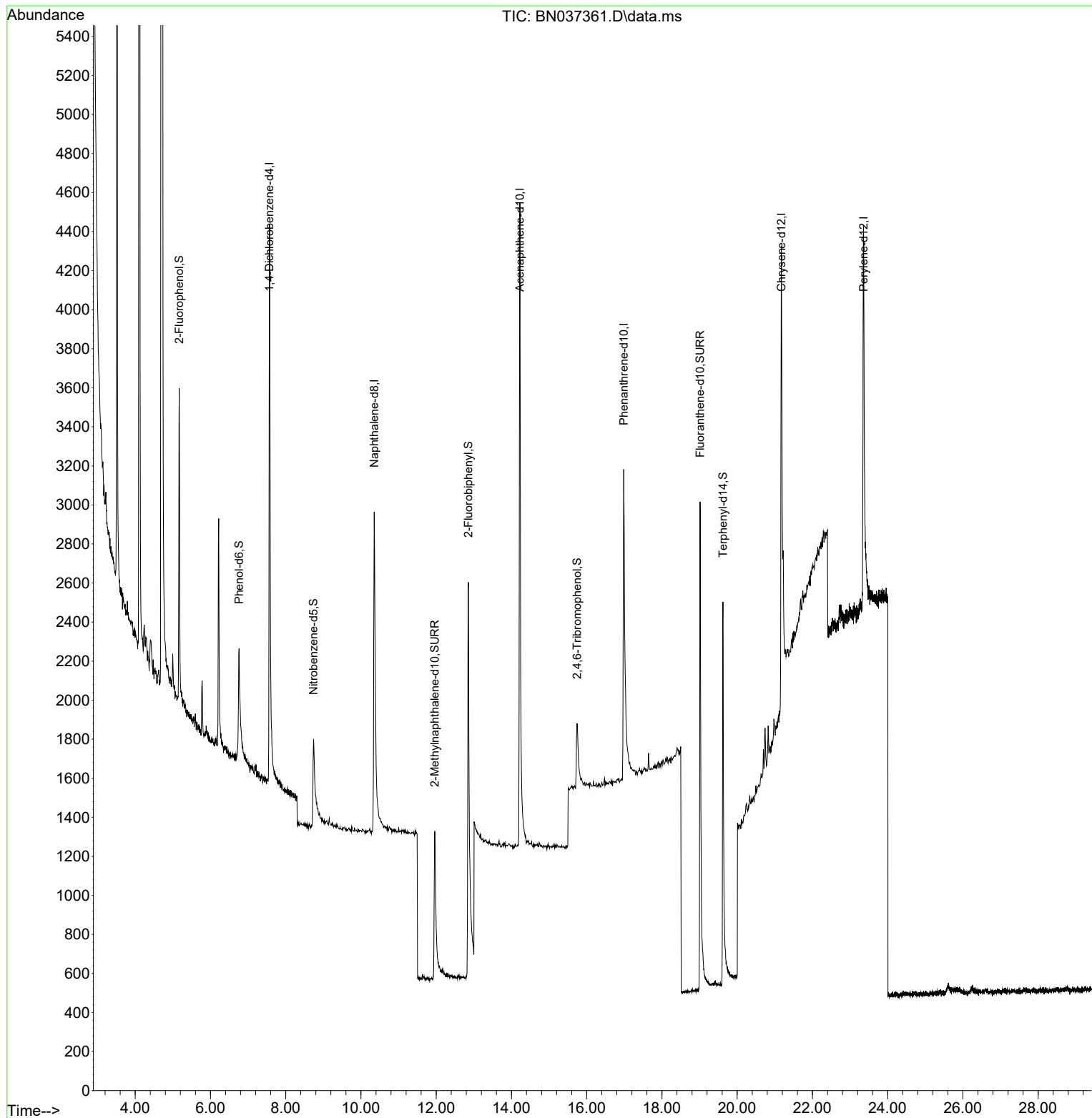
Target Compounds Qvalue

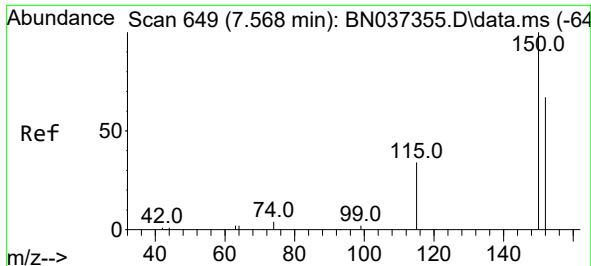
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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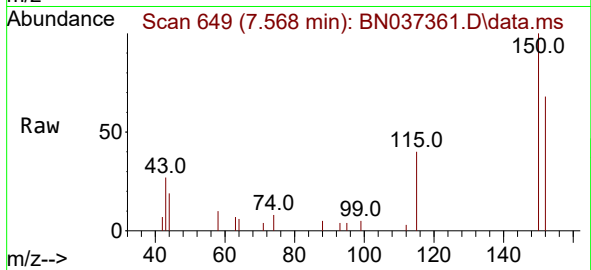
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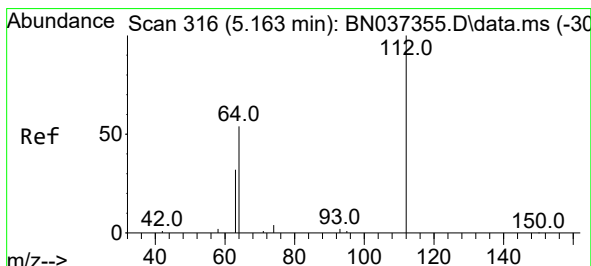
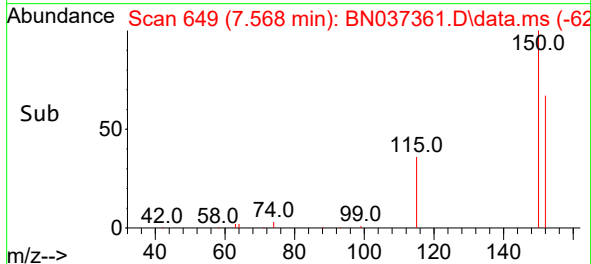
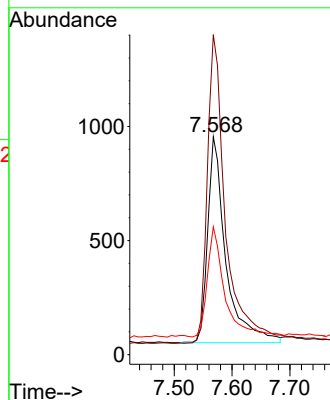
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 649
 Delta R.T. -0.000 min
 Lab File: BN037361.D
 Acq: 20 Jun 2025 22:16

Instrument :
 BNA_N
 ClientSampleId :
 PB168563BL



Tgt Ion:152 Resp: 1968

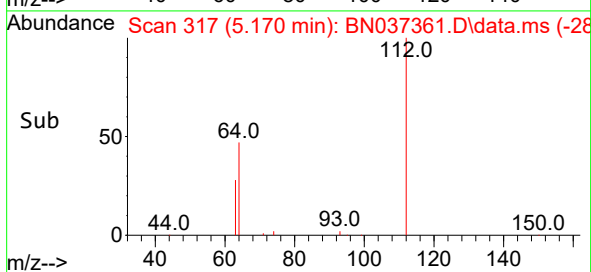
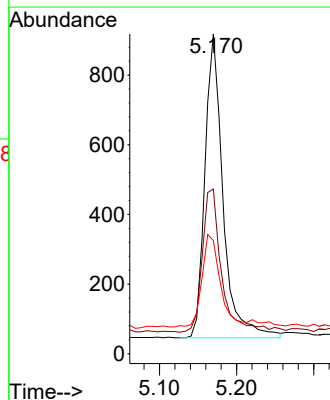
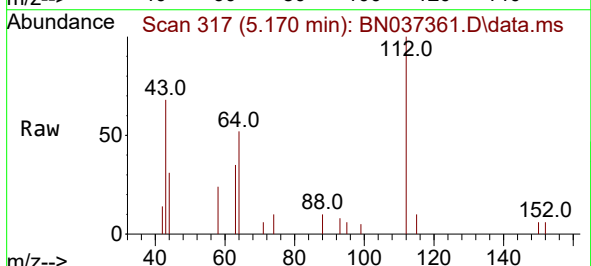
Ion	Ratio	Lower	Upper
152	100		
150	146.8	112.7	169.1
115	58.6	45.9	68.9

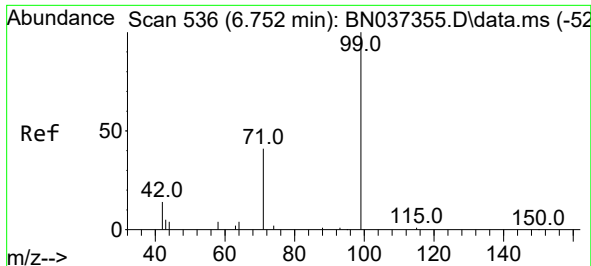


#4
 2-Fluorophenol
 Concen: 0.361 ng
 RT: 5.170 min Scan# 317
 Delta R.T. 0.007 min
 Lab File: BN037361.D
 Acq: 20 Jun 2025 22:16

Tgt Ion:112 Resp: 1419

Ion	Ratio	Lower	Upper
112	100		
64	50.4	38.7	58.1
63	30.7	26.4	39.6

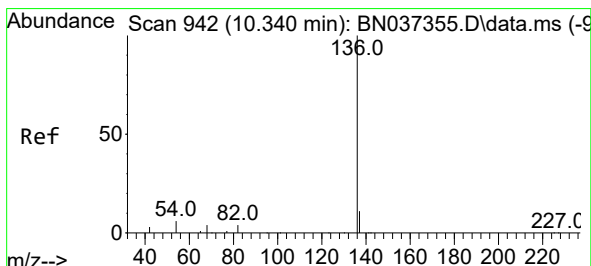
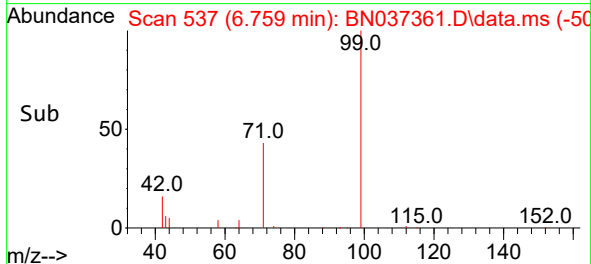
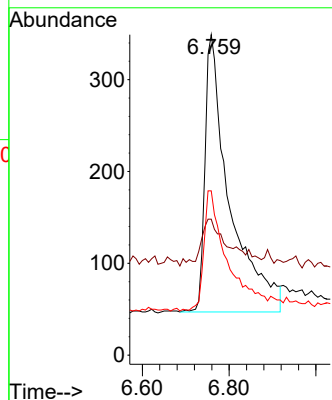
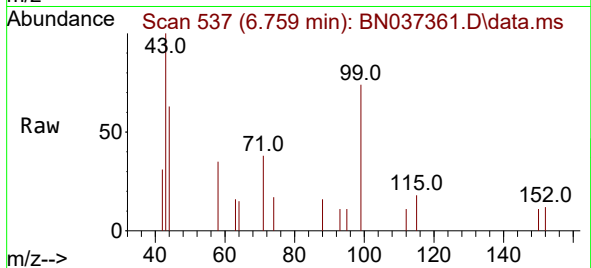




#5
Phenol-d6
Concen: 0.293 ng
RT: 6.759 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

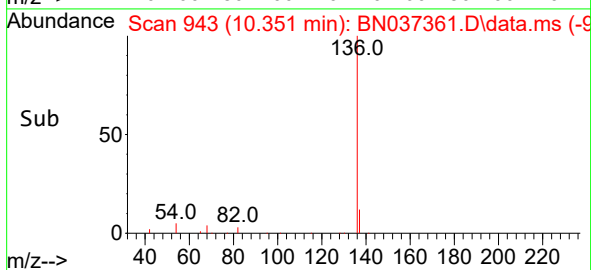
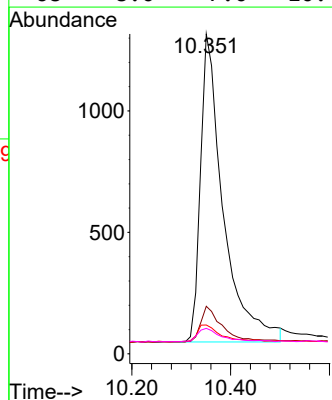
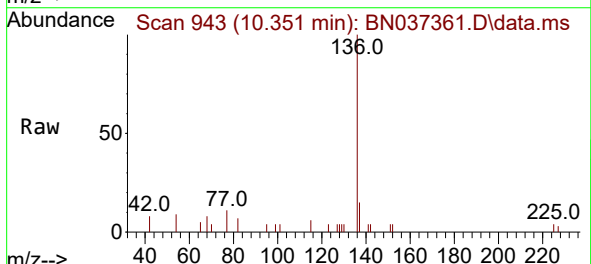
Instrument :
BNA_N
ClientSampleId :
PB168563BL

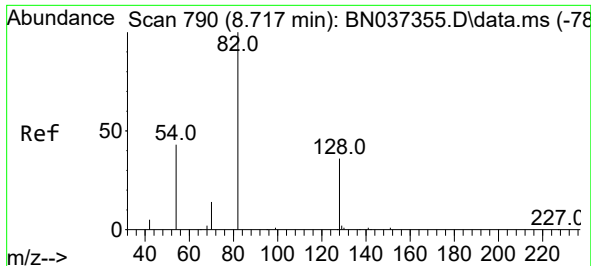
Tgt Ion: 99 Resp: 1185
Ion Ratio Lower Upper
99 100
42 19.7 19.8 29.8#
71 40.8 42.6 64.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.010 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion: 136 Resp: 4045
Ion Ratio Lower Upper
136 100
137 14.9 12.2 18.2
54 9.0 8.8 13.2
68 8.0 7.0 10.4

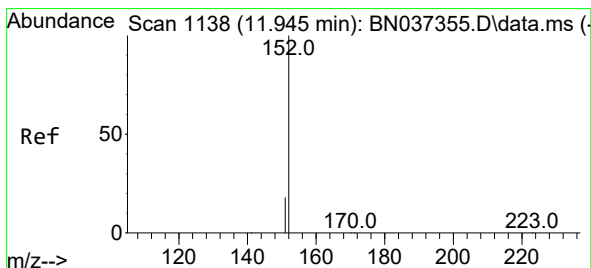
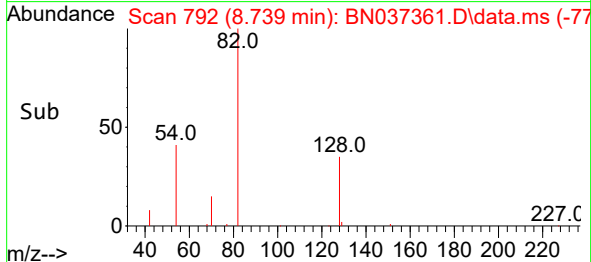
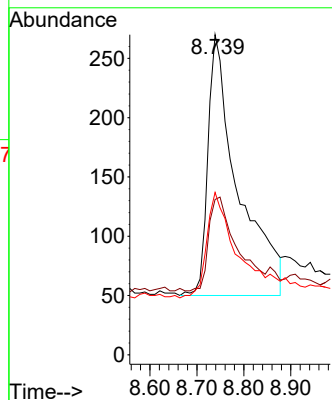
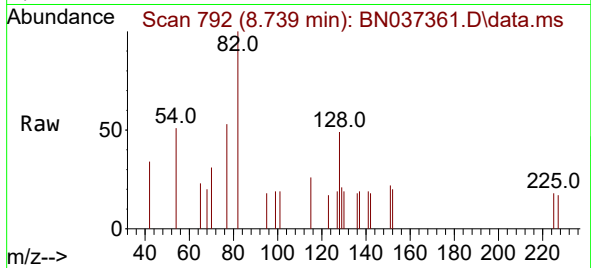




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.739 min Scan# 790
Delta R.T. 0.021 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

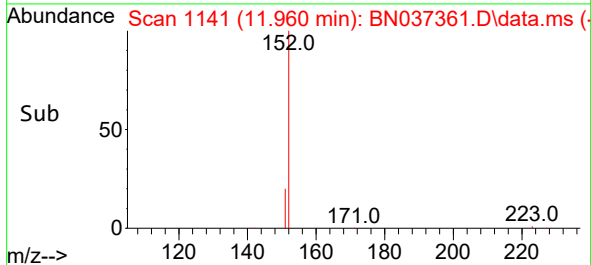
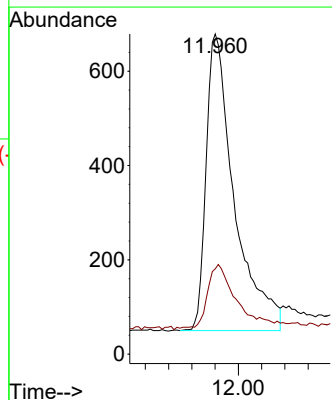
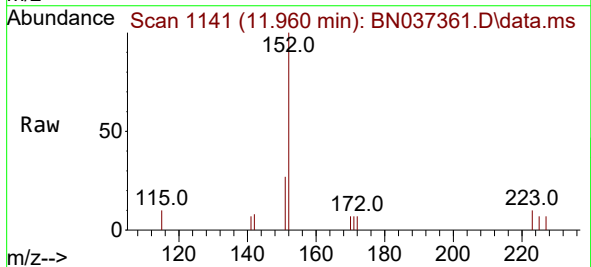
Instrument :
BNA_N
ClientSampleId :
PB168563BL

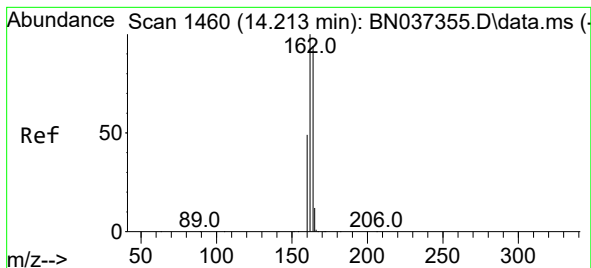
Tgt Ion: 82 Resp: 978
Ion Ratio Lower Upper
82 100
128 48.5 42.5 63.7
54 50.7 43.2 64.8



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.960 min Scan# 1141
Delta R.T. 0.015 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion: 152 Resp: 2116
Ion Ratio Lower Upper
152 100
151 23.0 17.4 26.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 14

Delta R.T. 0.011 min

Lab File: BN037361.D

Acq: 20 Jun 2025 22:16

Instrument :

BNA_N

ClientSampleId :

PB168563BL

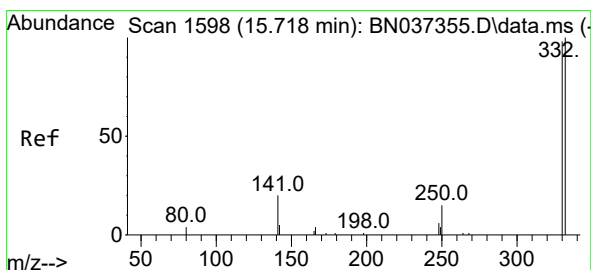
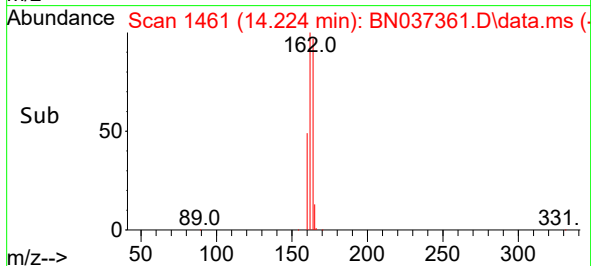
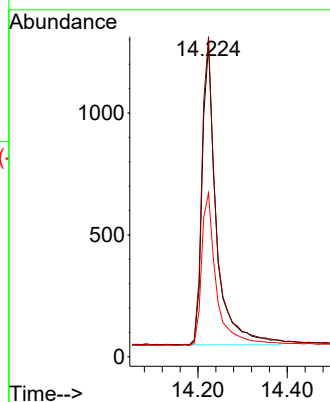
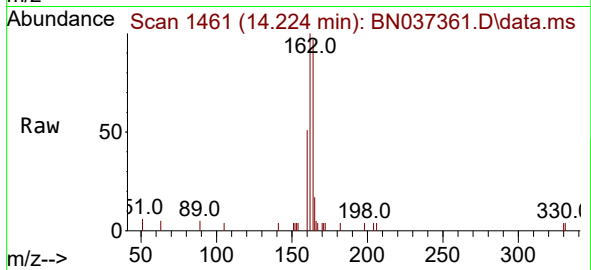
Tgt Ion:164 Resp: 2736

Ion Ratio Lower Upper

164 100

162 102.7 81.5 122.3

160 52.5 43.0 64.4



#14

2,4,6-Tribromophenol

Concen: 0.292 ng

RT: 15.742 min Scan# 1600

Delta R.T. 0.025 min

Lab File: BN037361.D

Acq: 20 Jun 2025 22:16

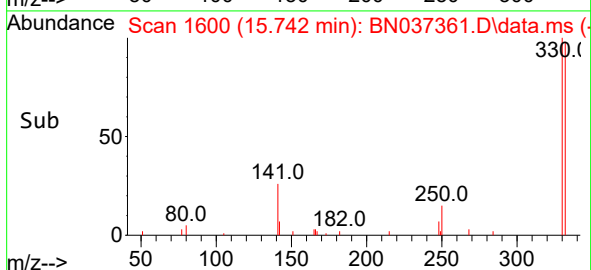
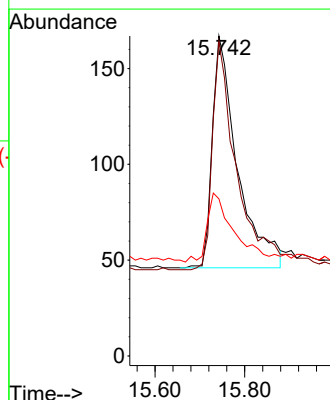
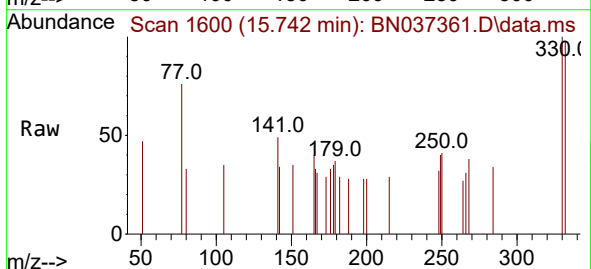
Tgt Ion:330 Resp: 469

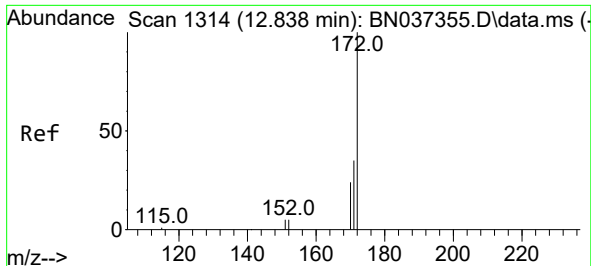
Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

141 31.3 24.4 36.6

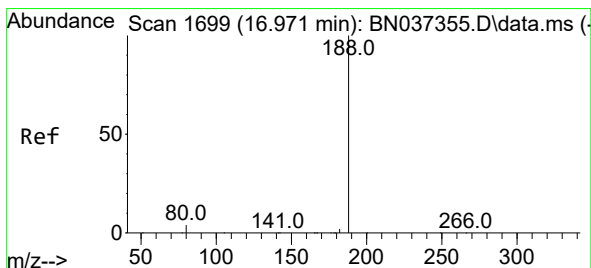
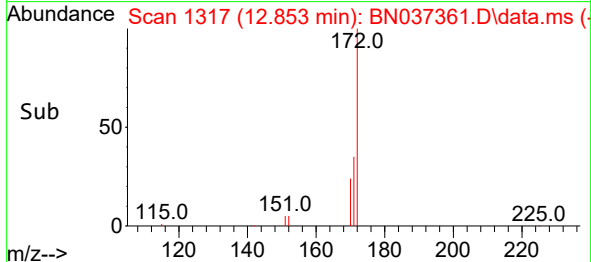
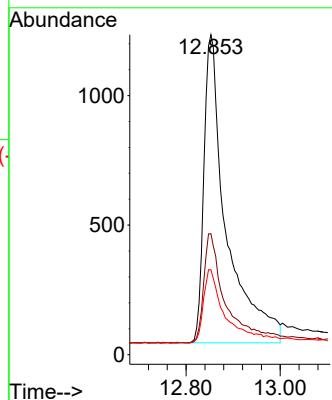
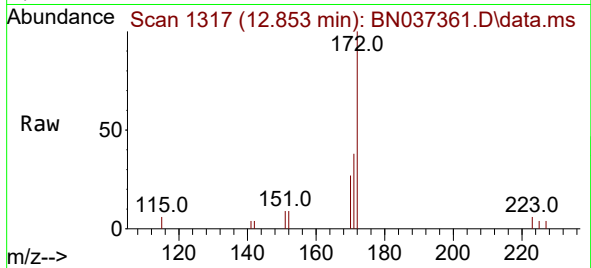




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.853 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

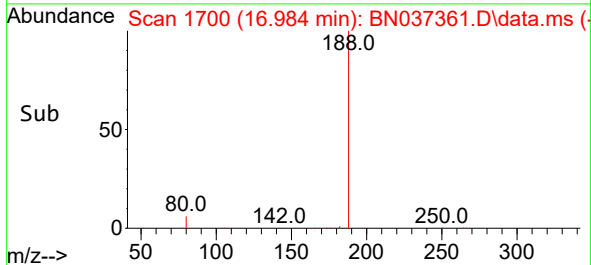
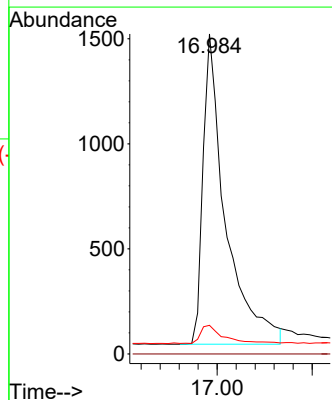
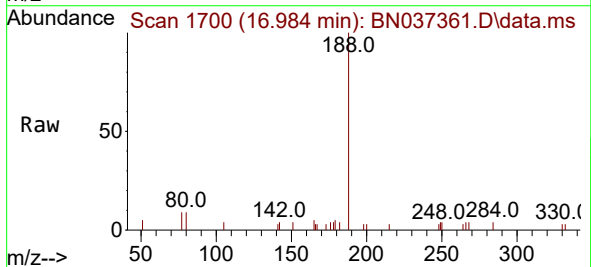
Instrument :
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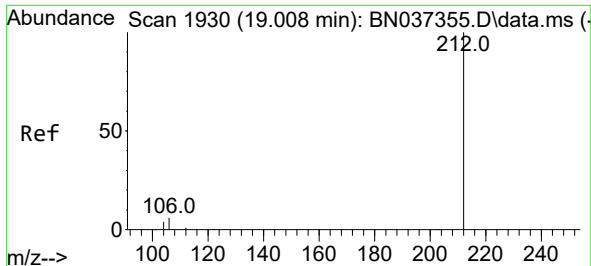
Tgt Ion:172 Resp: 3920
Ion Ratio Lower Upper
172 100
171 37.8 30.8 46.2
170 26.6 21.9 32.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:188 Resp: 4864
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 6.2 9.2

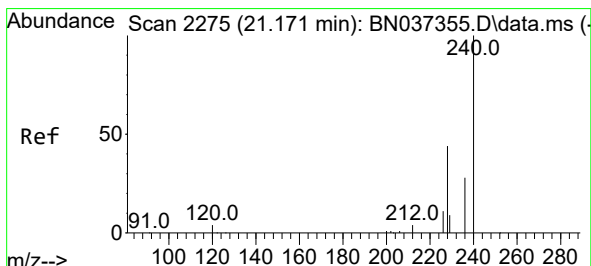
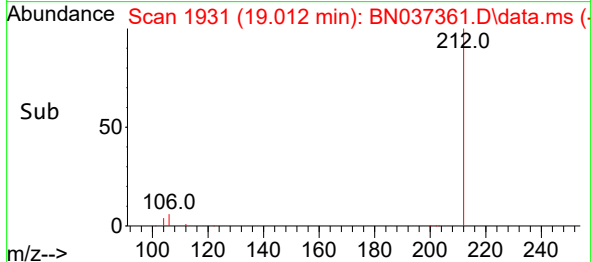
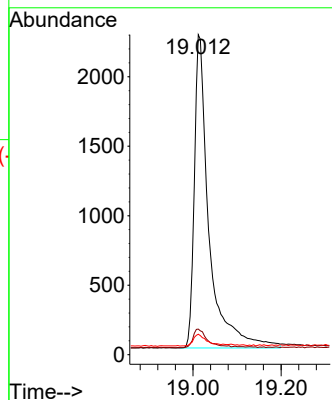
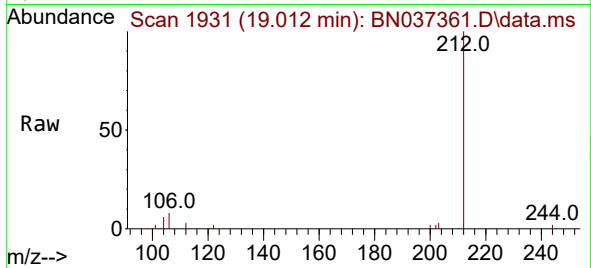




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.012 min Scan# 1931
Delta R.T. 0.004 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

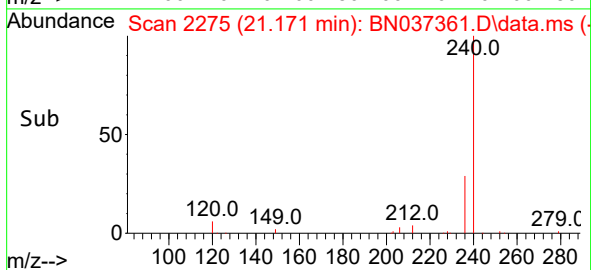
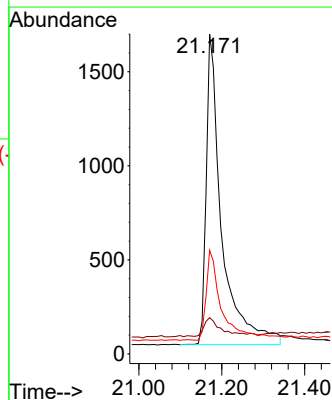
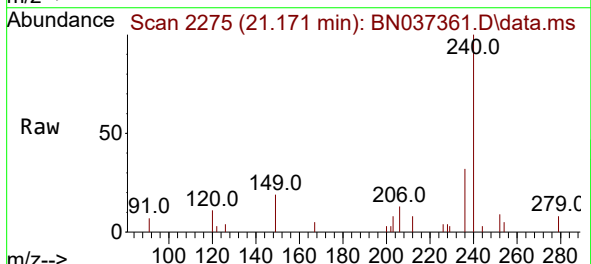
Instrument :
BNA_N
ClientSampleId :
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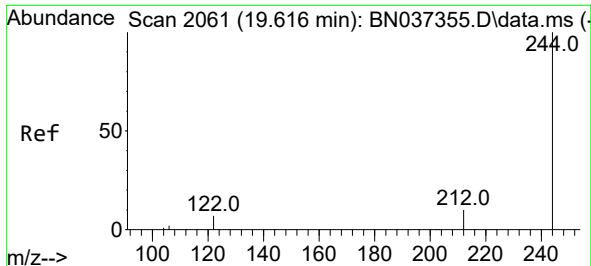
Tgt Ion:212 Resp: 5207
Ion Ratio Lower Upper
212 100
106 5.8 3.0 4.4#
104 3.4 2.0 3.0#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:240 Resp: 4288
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3#
236 32.4 24.9 37.3

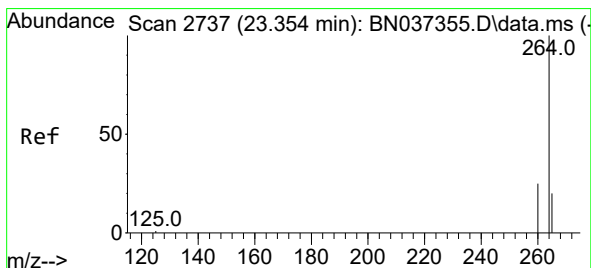
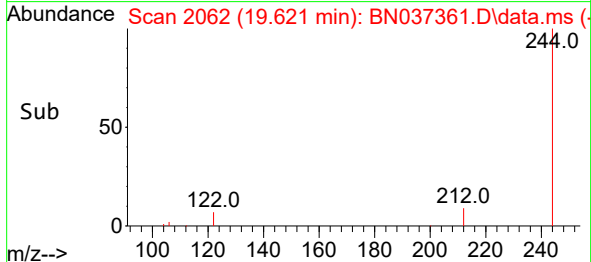
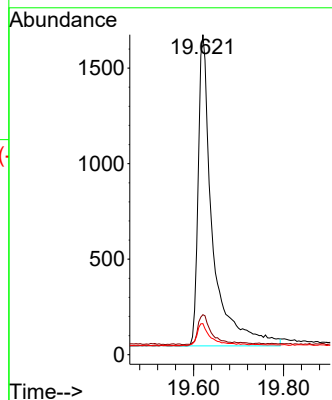
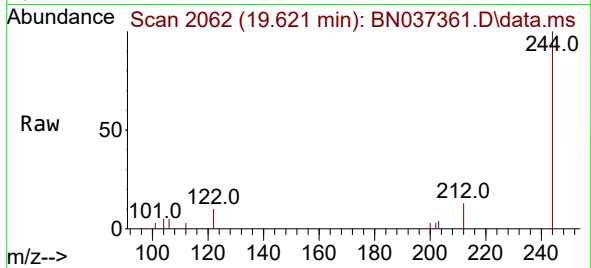




#31
 Terphenyl-d14
 Concen: 0.373 ng
 RT: 19.621 min Scan# 2061
 Delta R.T. 0.004 min
 Lab File: BN037361.D
 Acq: 20 Jun 2025 22:16

Instrument :
 BNA_N
 ClientSampleId :
 PB168563BL

Tgt Ion:244 Resp: 3648
 Ion Ratio Lower Upper
 244 100
 212 12.5 11.1 16.7
 122 9.7 7.2 10.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.357 min Scan# 2738
 Delta R.T. 0.003 min
 Lab File: BN037361.D
 Acq: 20 Jun 2025 22:16

Tgt Ion:264 Resp: 3457
 Ion Ratio Lower Upper
 264 100
 260 29.0 21.4 32.2
 265 126.8 71.4 107.0#

