

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037394.D
 Acq On : 26 Jun 2025 15:30
 Operator : RC/JU
 Sample : PB168563BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168563BL

Quant Time: Jun 26 16:12:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

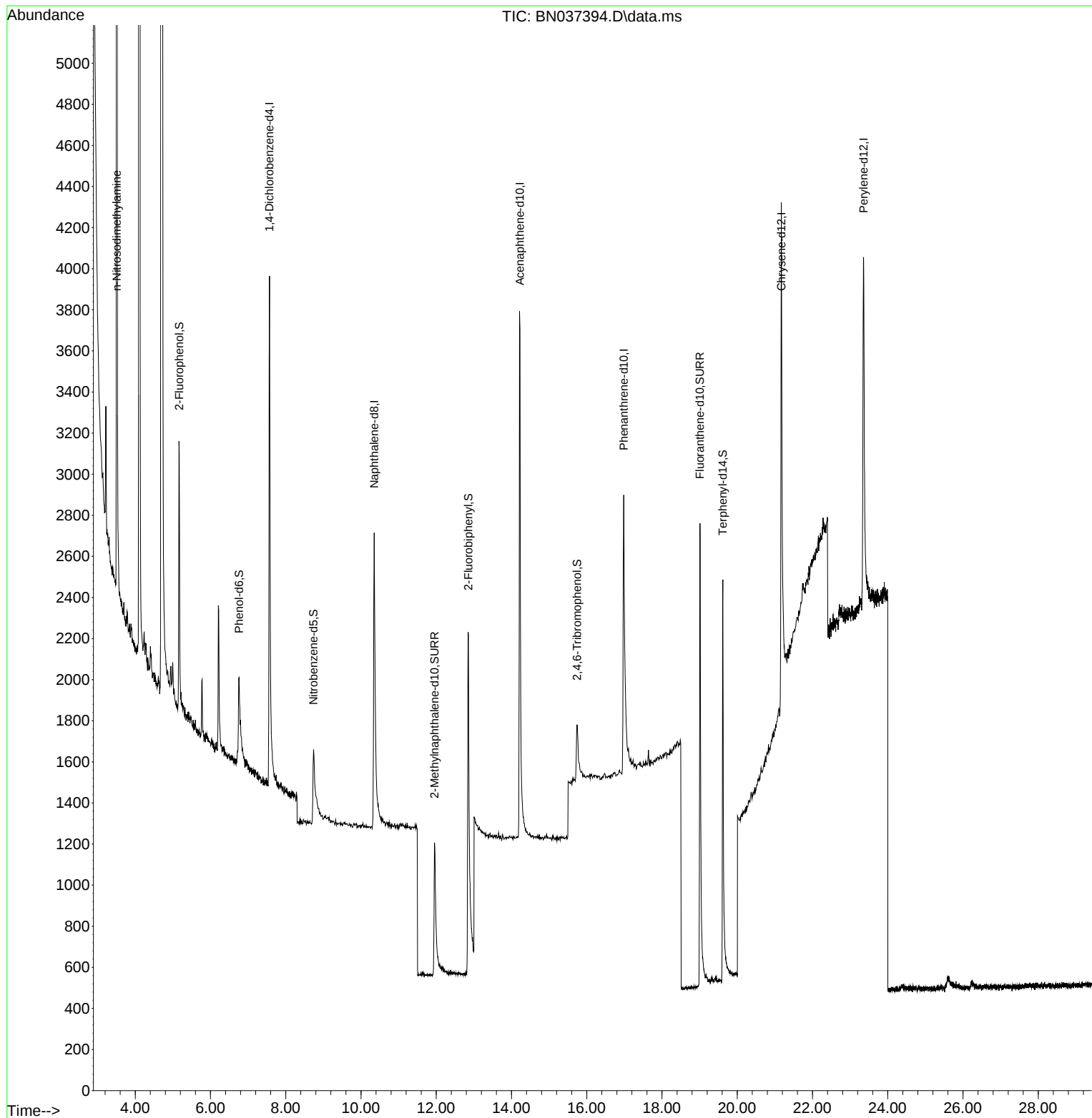
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1687	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3493	0.400	ng	# 0.01
13) Acenaphthene-d10	14.224	164	2269	0.400	ng	0.01
19) Phenanthrene-d10	16.984	188	4042	0.400	ng	0.02
29) Chrysene-d12	21.171	240	4057	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	3138	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1214	0.373	ng	0.00
5) Phenol-d6	6.759	99	976	0.290	ng	0.01
8) Nitrobenzene-d5	8.739	82	814	0.291	ng	0.02
11) 2-Methylnaphthalene-d10	11.955	152	1801	0.333	ng	0.02
14) 2,4,6-Tribromophenol	15.743	330	404	0.304	ng	0.02
15) 2-Fluorobiphenyl	12.853	172	3234	0.330	ng	0.02
27) Fluoranthene-d10	19.008	212	4508	0.389	ng	0.00
31) Terphenyl-d14	19.616	244	3346	0.387	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.509	42	766	0.485	ng	# 1

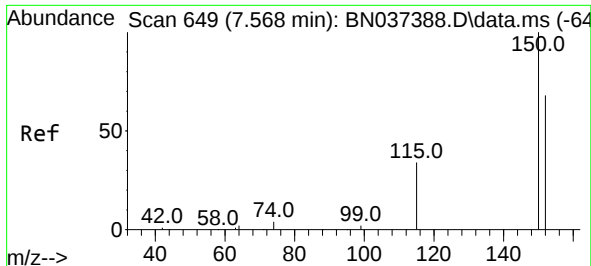
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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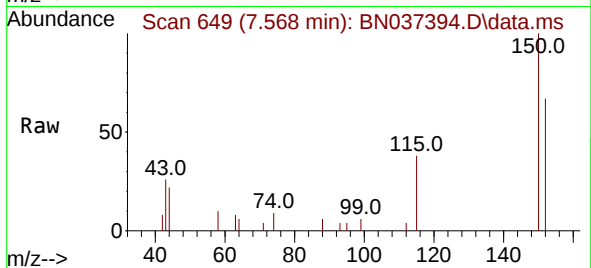
Quant Time: Jun 26 16:12:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
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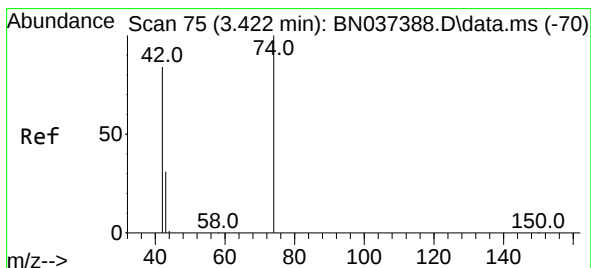
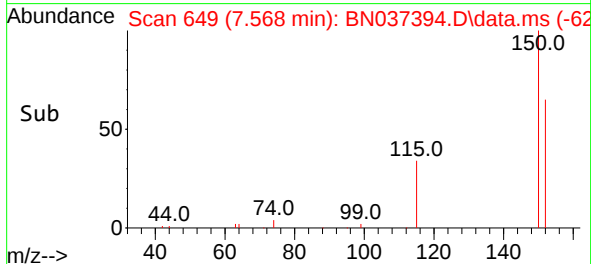
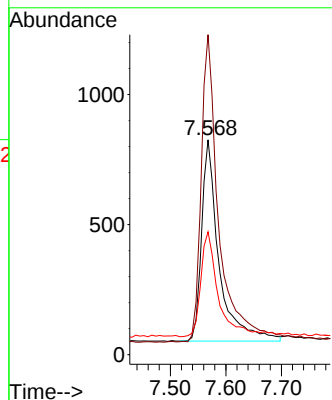


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

Instrument :
BNA_N
ClientSampleId :
PB168563BL

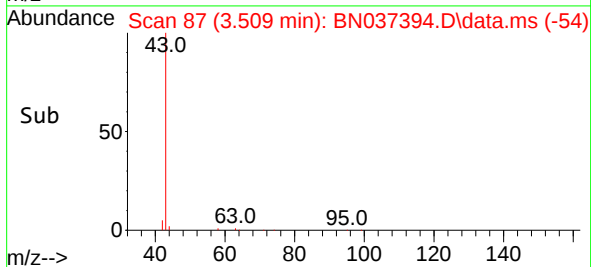
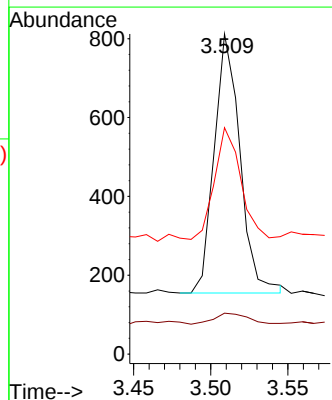
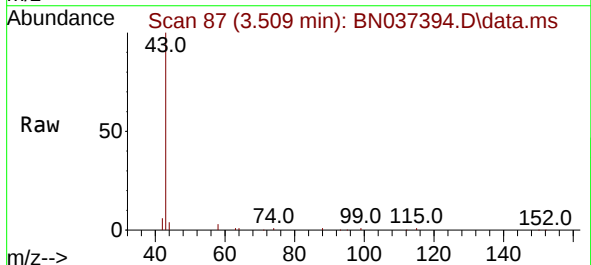


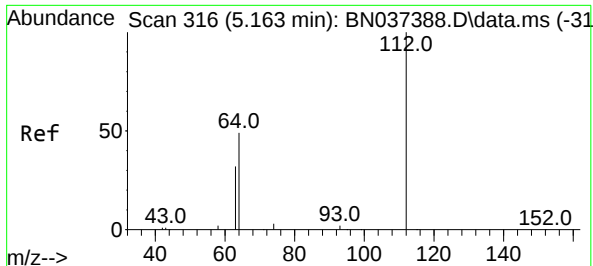
Tgt Ion:152 Resp: 1687
Ion Ratio Lower Upper
152 100
150 148.9 116.2 174.2
115 57.1 42.9 64.3



#3
n-Nitrosodimethylamine
Concen: 0.485 ng
RT: 3.509 min Scan# 87
Delta R.T. 0.087 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

Tgt Ion: 42 Resp: 766
Ion Ratio Lower Upper
42 100
74 5.5 97.8 146.8#
44 47.3 8.7 13.1#

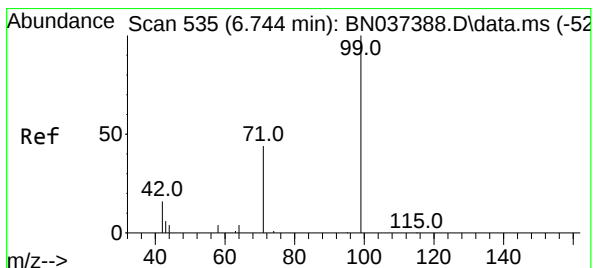
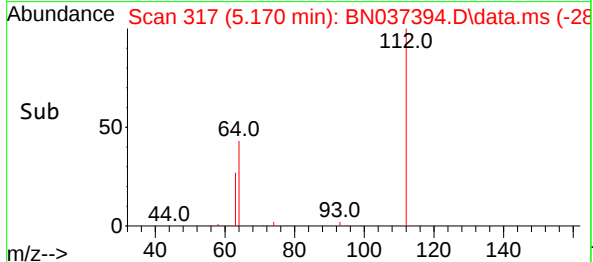
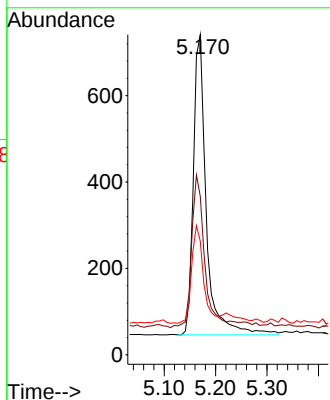
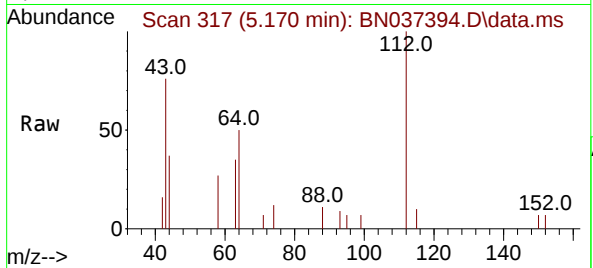




#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.170 min Scan# 316
Delta R.T. 0.007 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

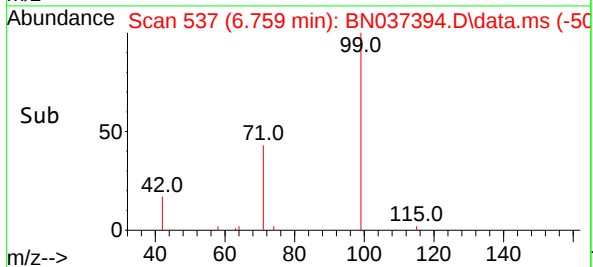
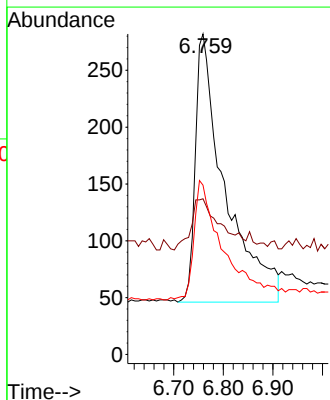
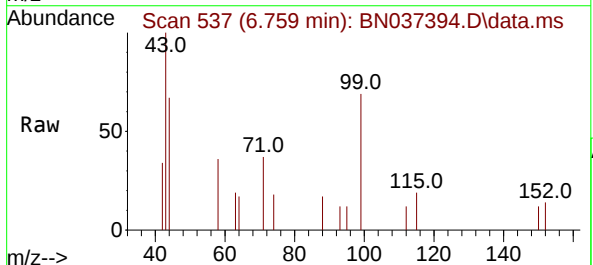
Instrument :
BNA_N
ClientSampleId :
PB168563BL

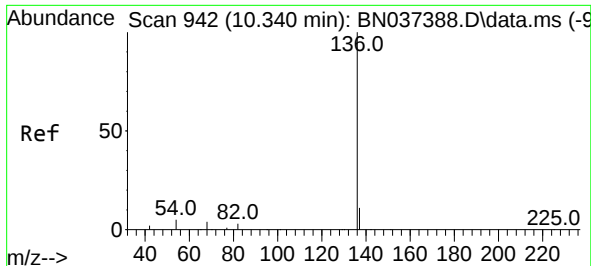
Tgt Ion:112 Resp: 1214
Ion Ratio Lower Upper
112 100
64 53.5 40.3 60.5
63 29.7 26.1 39.1



#5
Phenol-d6
Concen: 0.290 ng
RT: 6.759 min Scan# 537
Delta R.T. 0.014 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

Tgt Ion: 99 Resp: 976
Ion Ratio Lower Upper
99 100
42 19.0 15.6 23.4
71 44.6 35.8 53.8

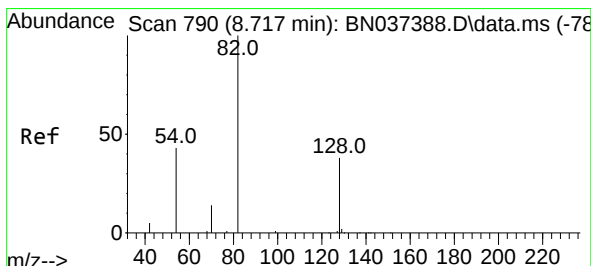
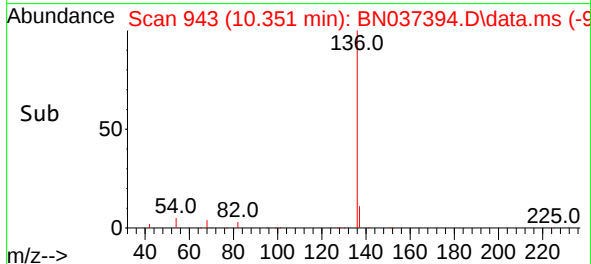
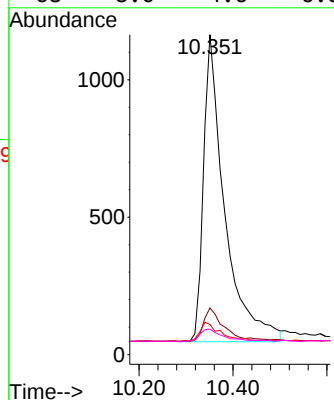
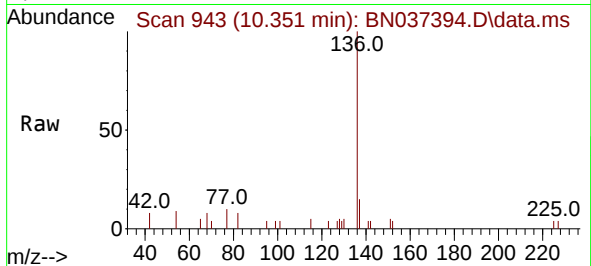




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

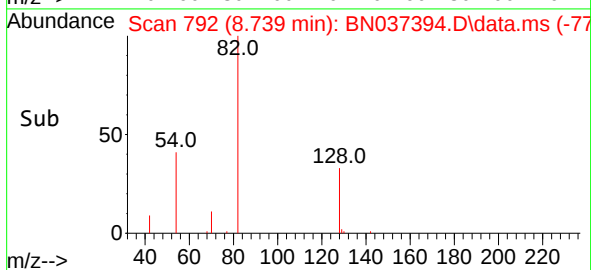
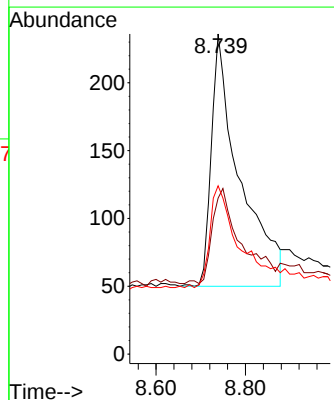
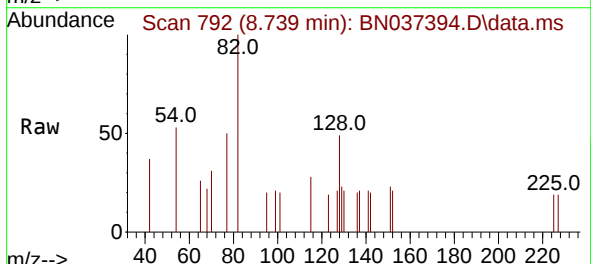
Instrument :
BNA_N
ClientSampleId :
PB168563BL

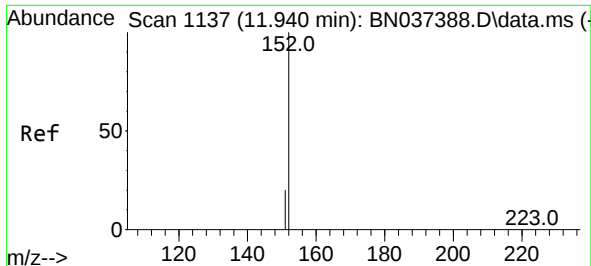
Tgt Ion:	136	Resp:	3493
Ion	Ratio	Lower	Upper
136	100		
137	14.6	10.4	15.6
54	9.5	5.6	8.4#
68	8.0	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.021 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

Tgt Ion:	82	Resp:	814
Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	52.5	37.7	56.5

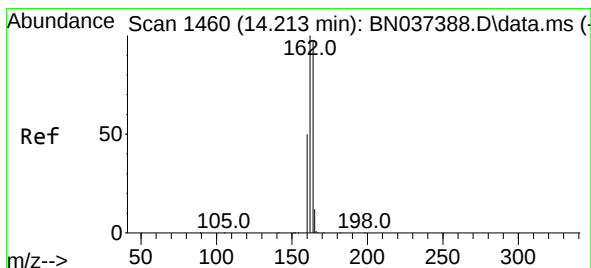
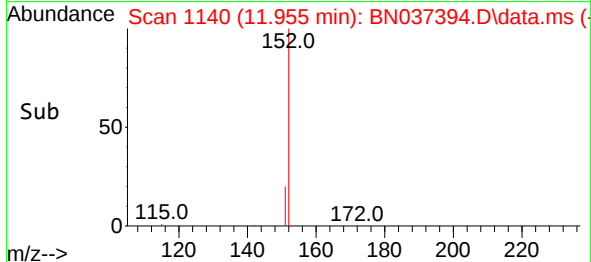
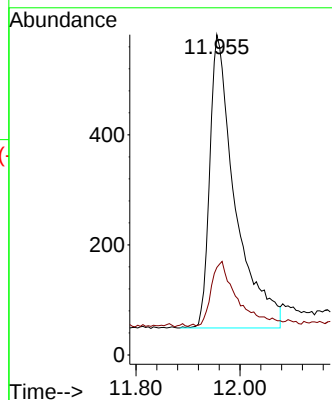
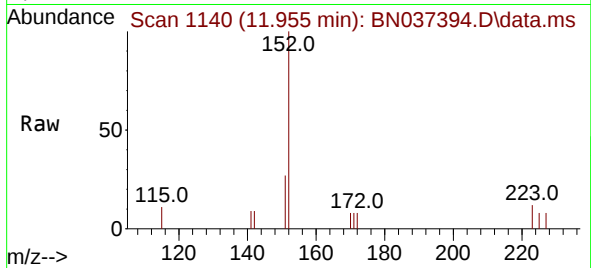




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 11.955 min Scan# 1137
Delta R.T. 0.015 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

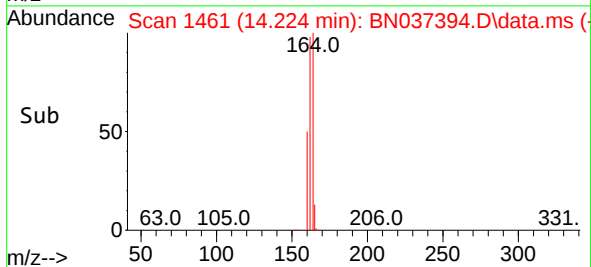
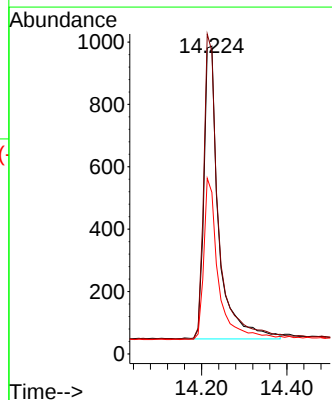
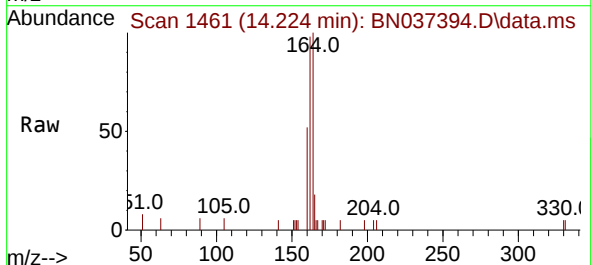
Instrument :
BNA_N
ClientSampleId :
PB168563BL

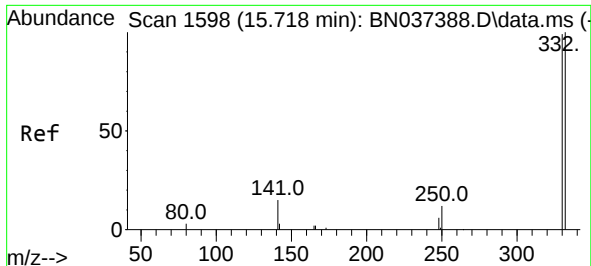
Tgt Ion:152 Resp: 1801
Ion Ratio Lower Upper
152 100
151 22.5 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.011 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

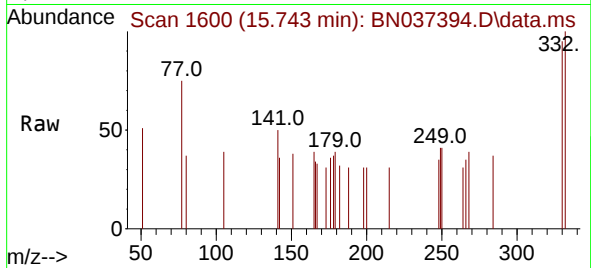
Tgt Ion:164 Resp: 2269
Ion Ratio Lower Upper
164 100
162 98.3 82.6 123.8
160 52.5 42.2 63.2



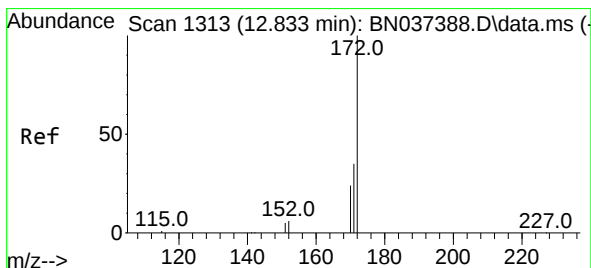
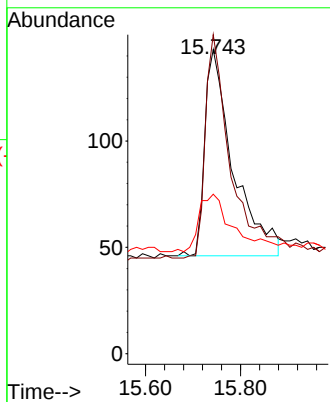
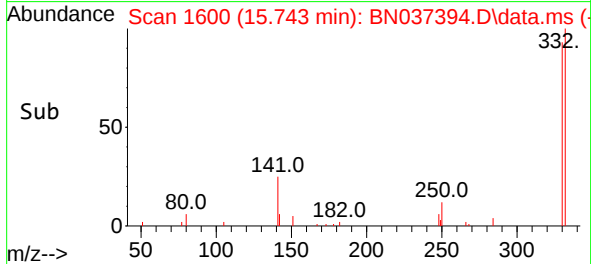


#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.743 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

Instrument :
BNA_N
ClientSampleId :
PB168563BL

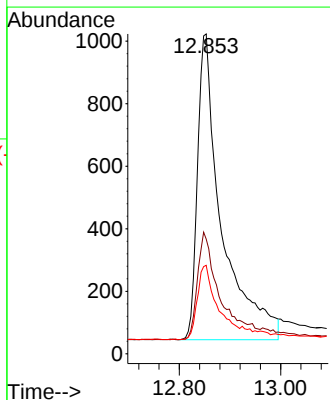
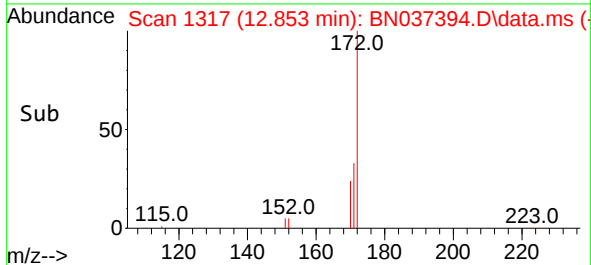
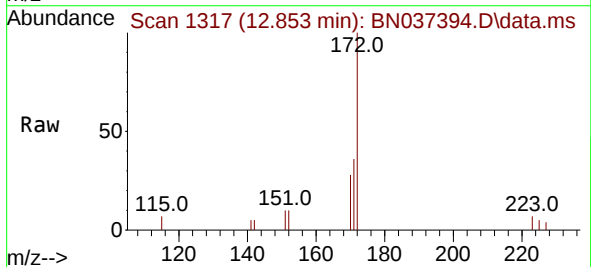


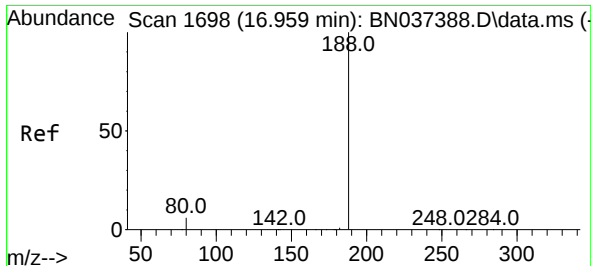
Tgt Ion:330 Resp: 404
Ion Ratio Lower Upper
330 100
332 95.0 77.8 116.8
141 33.7 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.853 min Scan# 1317
Delta R.T. 0.020 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

Tgt Ion:172 Resp: 3234
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 27.7 20.3 30.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 11

Delta R.T. 0.025 min

Lab File: BN037394.D

Acq: 26 Jun 2025 15:30

Instrument :

BNA_N

ClientSampleId :

PB168563BL

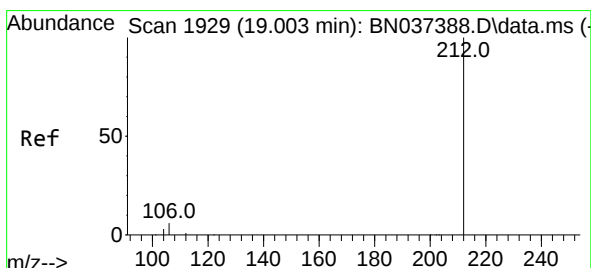
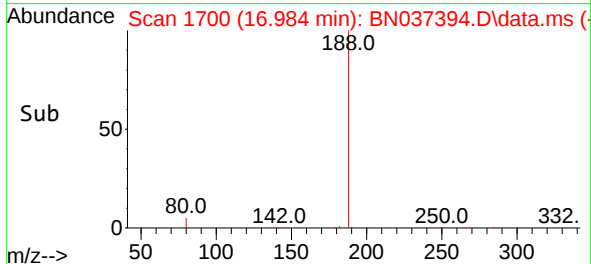
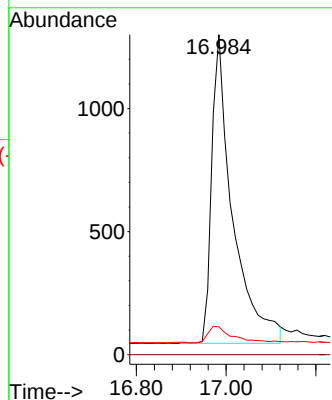
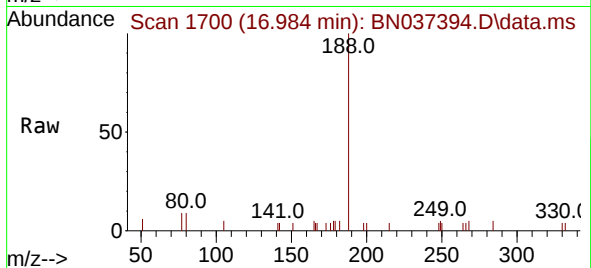
Tgt Ion:188 Resp: 4042

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 6.2 9.4



#27

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.008 min Scan# 1930

Delta R.T. 0.005 min

Lab File: BN037394.D

Acq: 26 Jun 2025 15:30

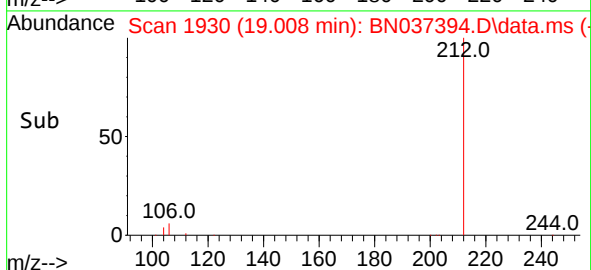
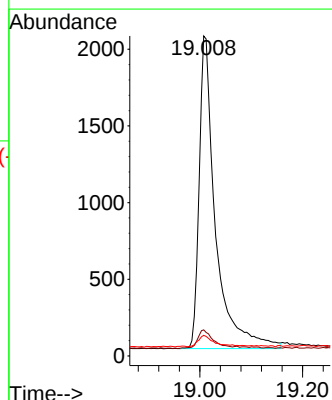
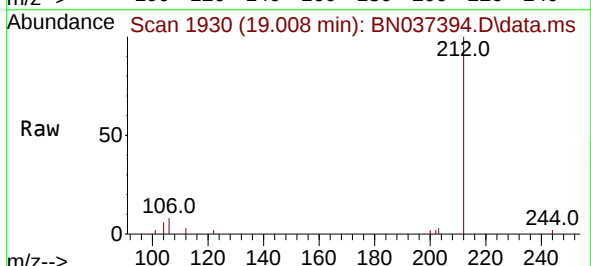
Tgt Ion:212 Resp: 4508

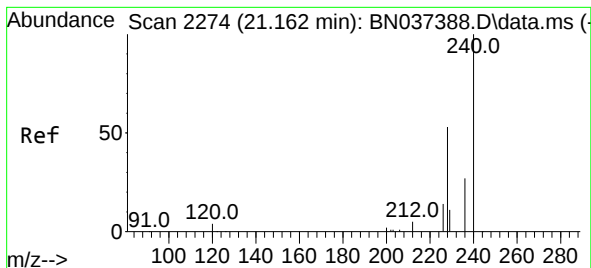
Ion Ratio Lower Upper

212 100

106 5.6 4.5 6.7

104 3.5 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN037394.D

Acq: 26 Jun 2025 15:30

Instrument :

BNA_N

ClientSampleId :

PB168563BL

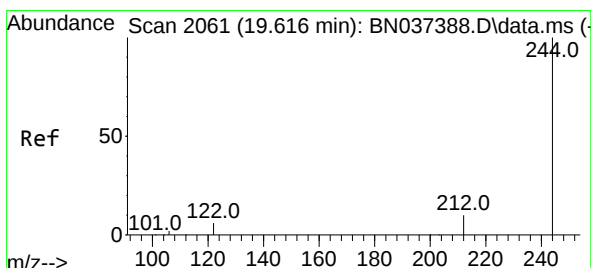
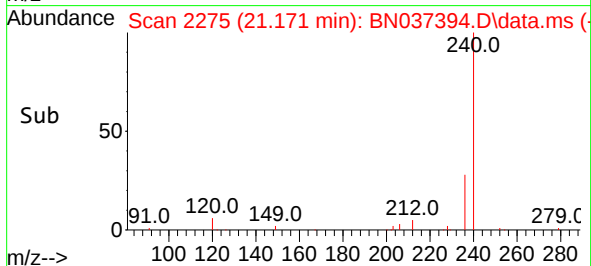
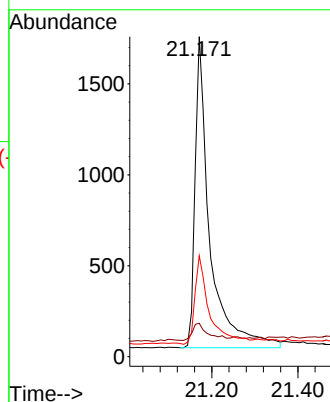
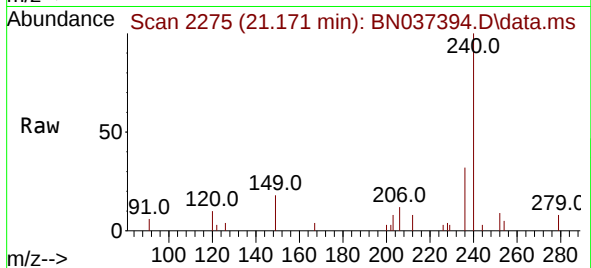
Tgt Ion:240 Resp: 4057

Ion Ratio Lower Upper

240 100

120 10.5 5.3 7.9#

236 31.5 22.7 34.1



#31

Terphenyl-d14

Concen: 0.387 ng

RT: 19.616 min Scan# 2061

Delta R.T. 0.000 min

Lab File: BN037394.D

Acq: 26 Jun 2025 15:30

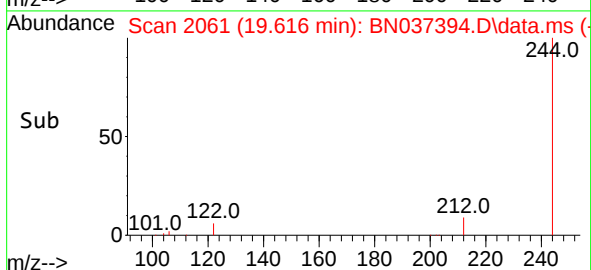
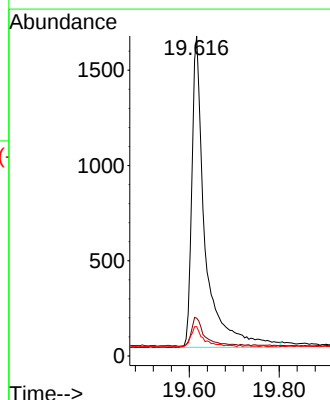
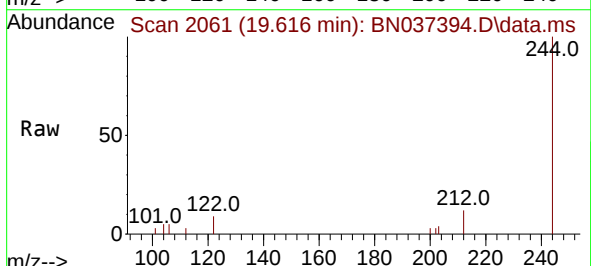
Tgt Ion:244 Resp: 3346

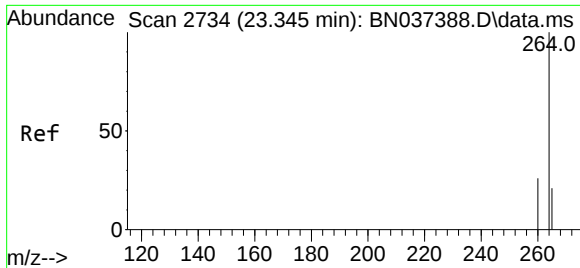
Ion Ratio Lower Upper

244 100

212 11.8 9.1 13.7

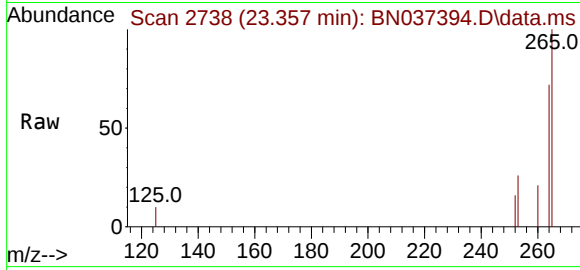
122 9.2 6.3 9.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 21
Delta R.T. 0.012 min
Lab File: BN037394.D
Acq: 26 Jun 2025 15:30

Instrument :
BNA_N
ClientSampleId :
PB168563BL



Tgt Ion:264 Resp: 3138
Ion Ratio Lower Upper
264 100
260 29.0 21.4 32.0
265 138.6 56.2 84.4#

