

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037404.D
 Acq On : 26 Jun 2025 22:14
 Operator : RC/JU
 Sample : PB167430BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167430BL

Quant Time: Jun 27 03:00:59 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)

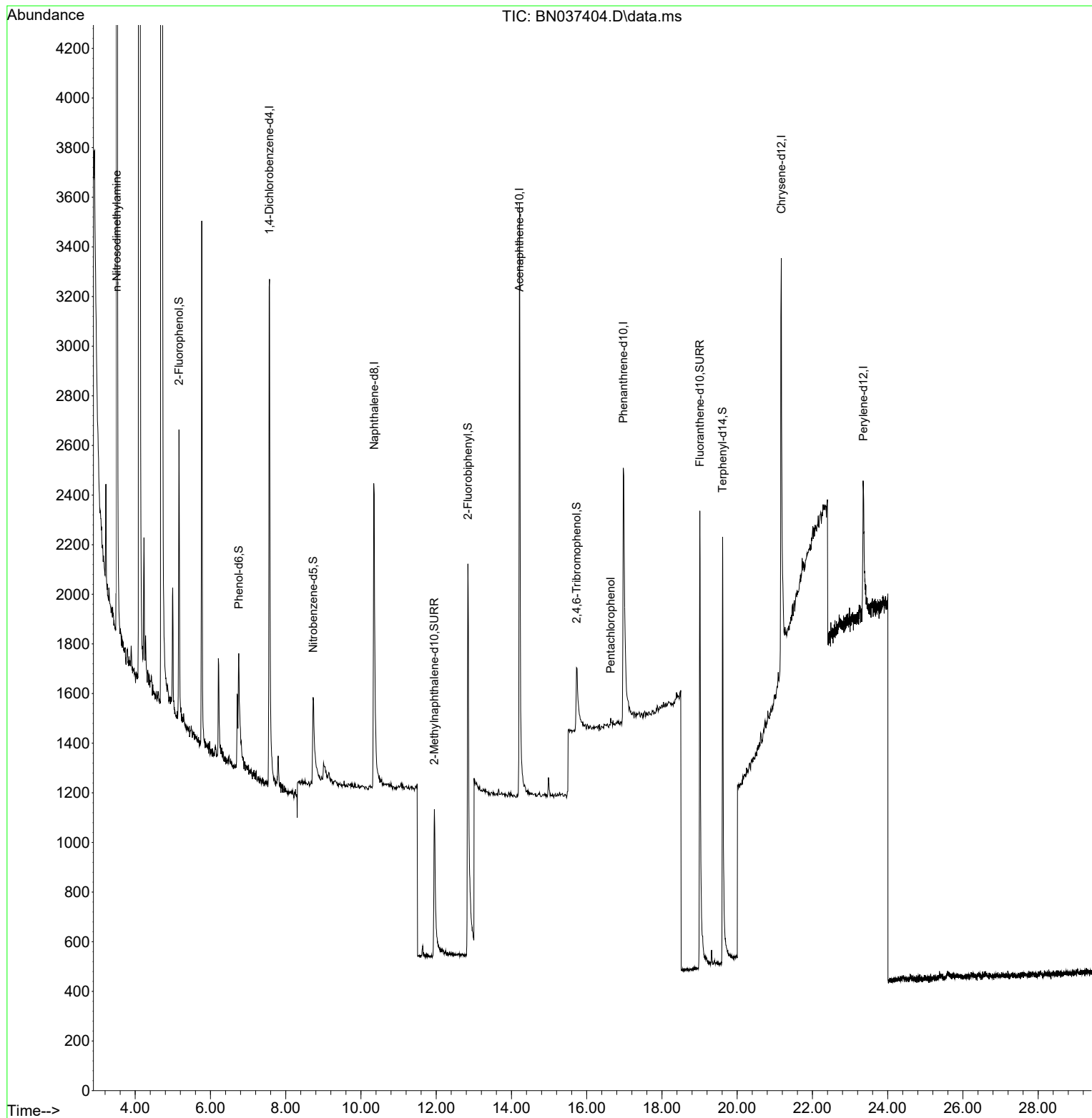
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1394	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2739	0.400	ng	# 0.01
13) Acenaphthene-d10	14.213	164	1729	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	3307	0.400	ng	# 0.01
29) Chrysene-d12	21.170	240	2821	0.400	ng	# 0.00
35) Perylene-d12	23.351	264	972	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	992	0.369	ng	0.00
5) Phenol-d6	6.751	99	831	0.298	ng	0.00
8) Nitrobenzene-d5	8.728	82	699	0.318	ng	0.01
11) 2-Methylnaphthalene-d10	11.950	152	1517	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	381	0.376	ng	0.01
15) 2-Fluorobiphenyl	12.843	172	2651	0.355	ng	0.00
27) Fluoranthene-d10	19.007	212	3682	0.389	ng	0.00
31) Terphenyl-d14	19.611	244	2754	0.458	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.509	42	2716	2.080	ng	# 1
24) Pentachlorophenol	16.636	266	28	0.021	ng	# 74

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

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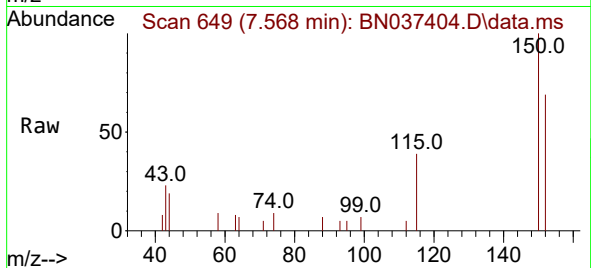
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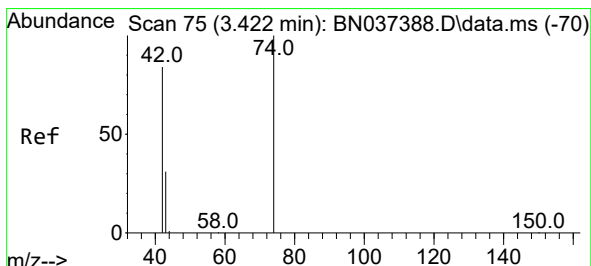
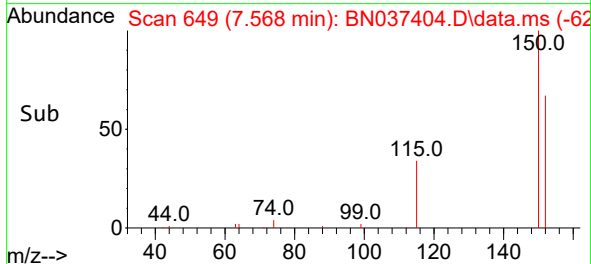
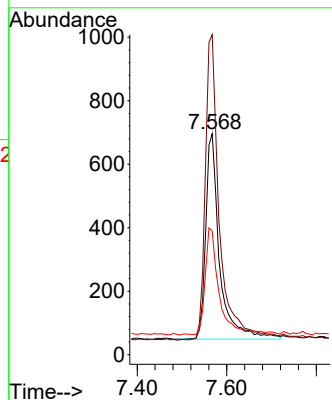


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

Instrument :
BNA_N
ClientSampleId :
PB167430BL

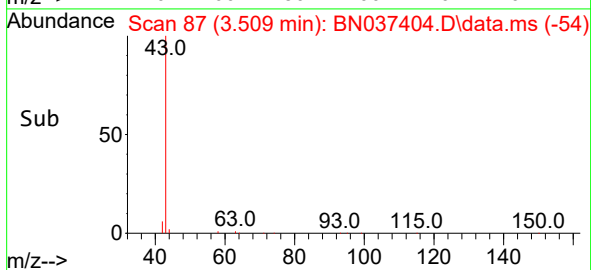
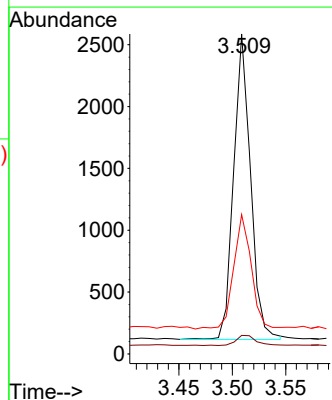
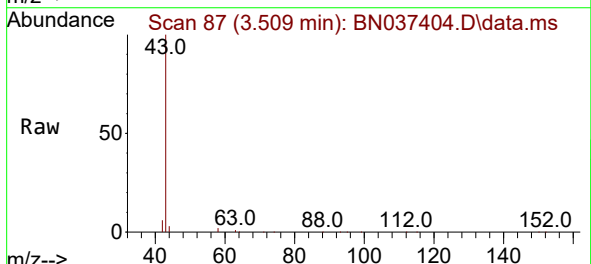


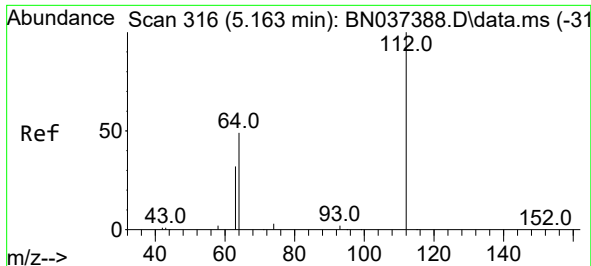
Tgt Ion:152 Resp: 1394
Ion Ratio Lower Upper
152 100
150 144.8 116.2 174.2
115 55.9 42.9 64.3



#3
n-Nitrosodimethylamine
Concen: 2.080 ng
RT: 3.509 min Scan# 87
Delta R.T. 0.086 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

Tgt Ion: 42 Resp: 2716
Ion Ratio Lower Upper
42 100
74 4.0 97.8 146.8#
44 39.1 8.7 13.1#

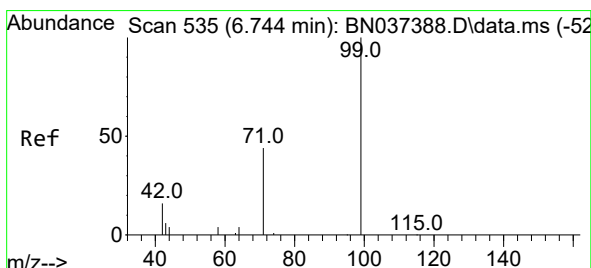
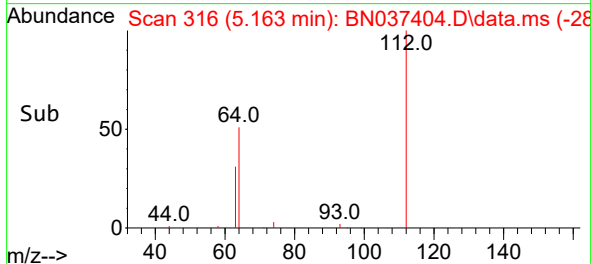
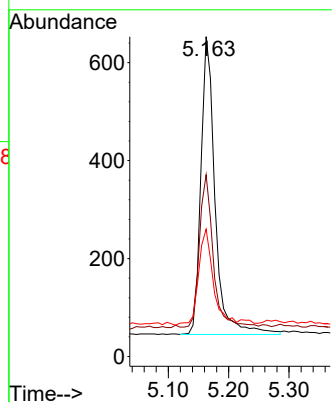
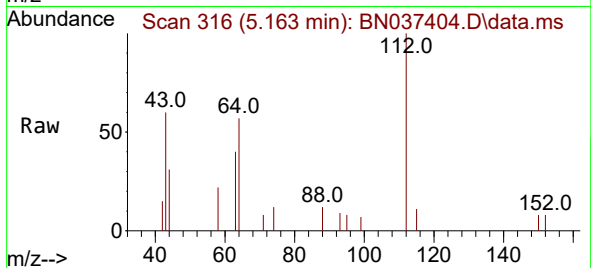




#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

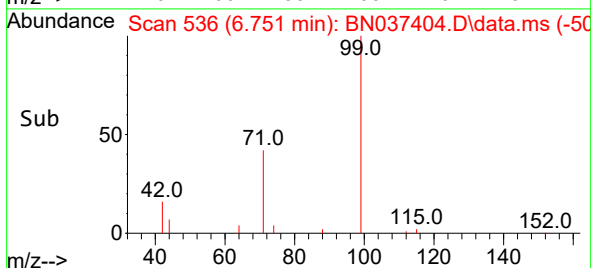
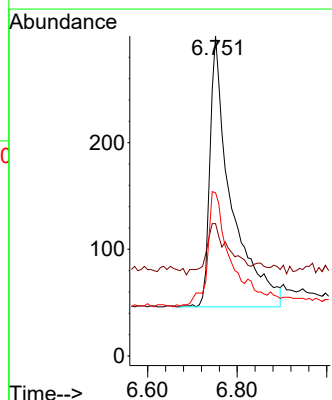
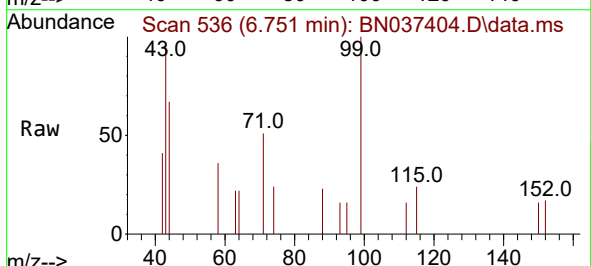
Instrument :
BNA_N
ClientSampleId :
PB167430BL

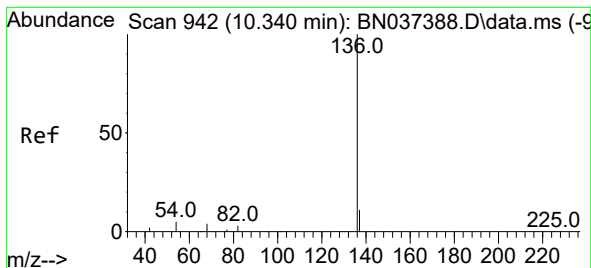
Tgt Ion:112 Resp: 992
Ion Ratio Lower Upper
112 100
64 49.4 40.3 60.5
63 33.2 26.1 39.1



#5
Phenol-d6
Concen: 0.298 ng
RT: 6.751 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

Tgt Ion: 99 Resp: 831
Ion Ratio Lower Upper
99 100
42 20.9 15.6 23.4
71 47.2 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: BN037404.D

Acq: 26 Jun 2025 22:14

Instrument :

BNA_N

ClientSampleId :

PB167430BL

Tgt Ion:136 Resp: 2739

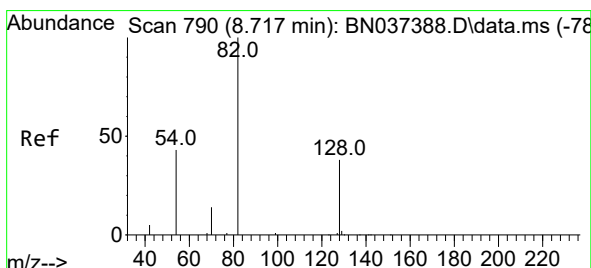
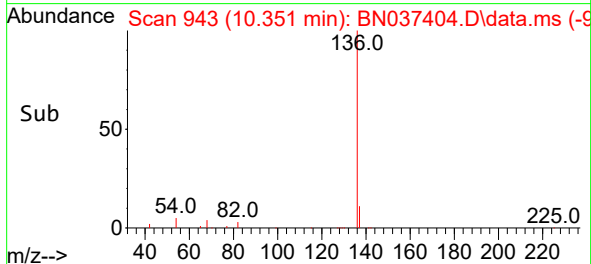
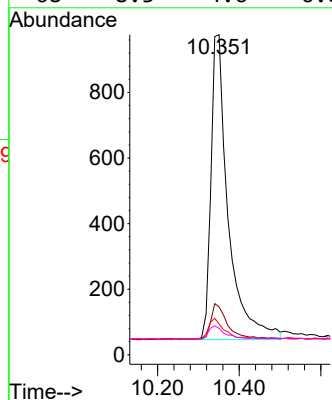
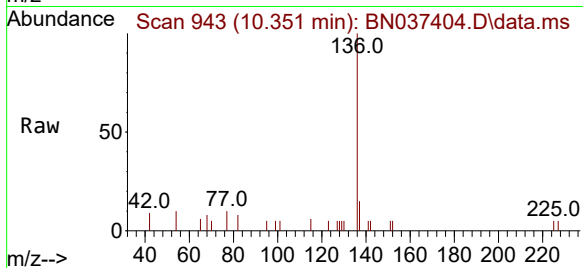
Ion Ratio Lower Upper

136 100

137 15.0 10.4 15.6

54 9.6 5.6 8.4#

68 8.3 4.6 6.8#



#8

Nitrobenzene-d5

Concen: 0.318 ng

RT: 8.728 min Scan# 791

Delta R.T. 0.010 min

Lab File: BN037404.D

Acq: 26 Jun 2025 22:14

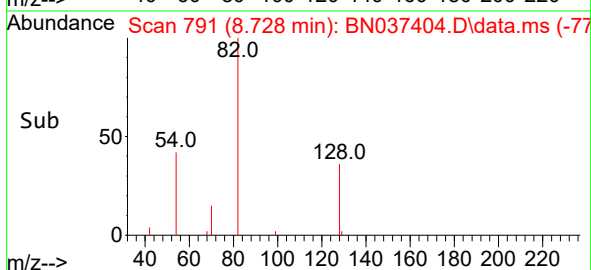
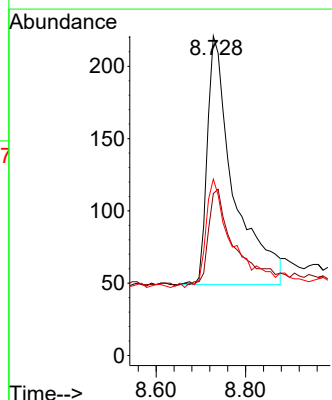
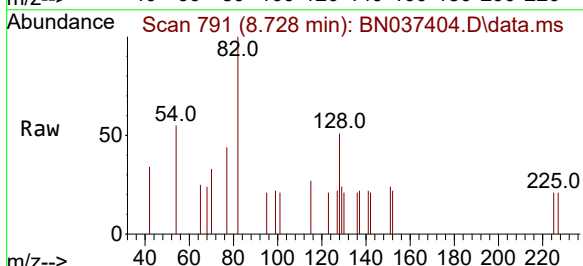
Tgt Ion: 82 Resp: 699

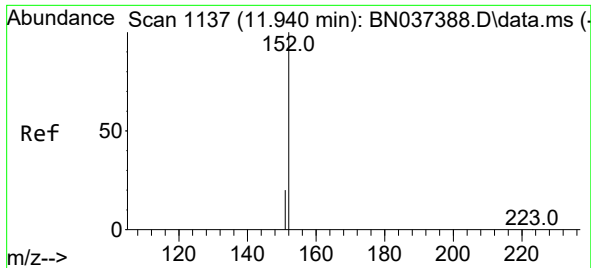
Ion Ratio Lower Upper

82 100

128 50.7 34.0 51.0

54 55.2 37.7 56.5

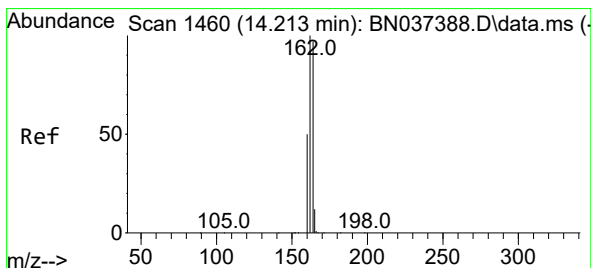
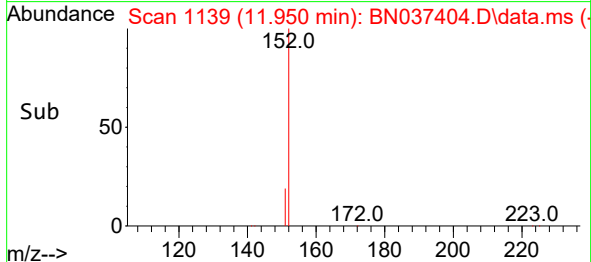
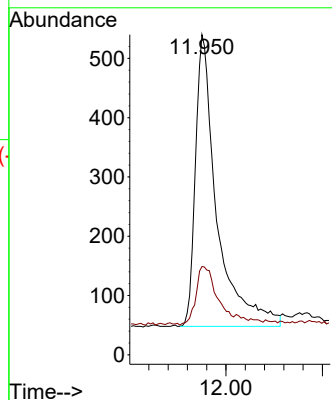
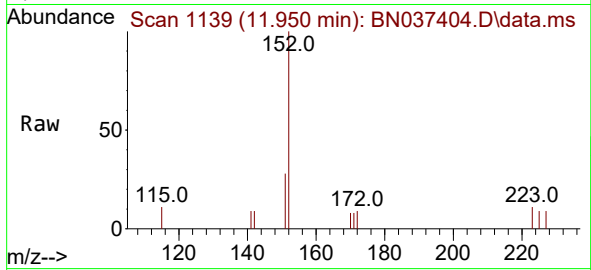




#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 11.950 min Scan# 1139
Delta R.T. 0.010 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

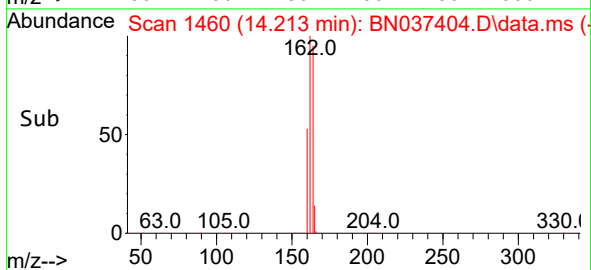
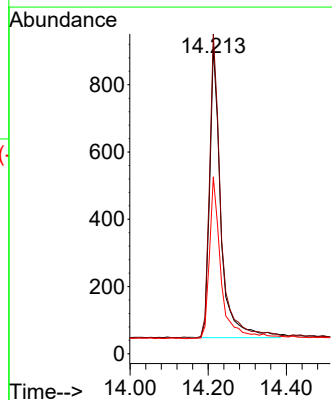
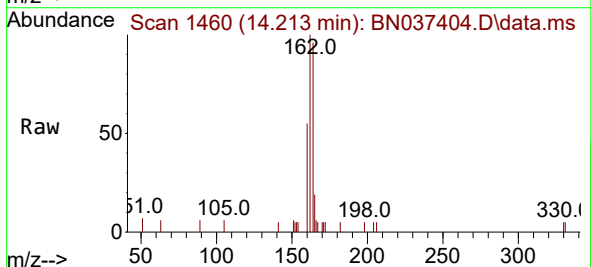
Instrument :
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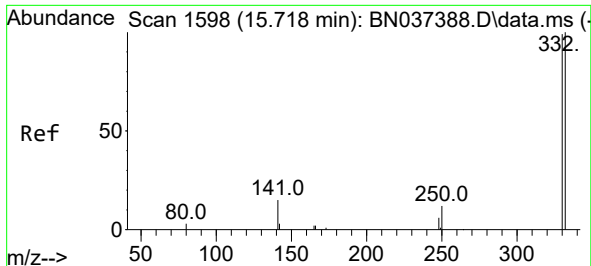
Tgt Ion:152 Resp: 1517
Ion Ratio Lower Upper
152 100
151 19.7 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

Tgt Ion:164 Resp: 1729
Ion Ratio Lower Upper
164 100
162 104.3 82.6 123.8
160 57.7 42.2 63.2

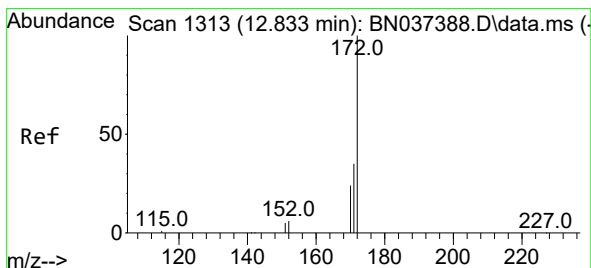
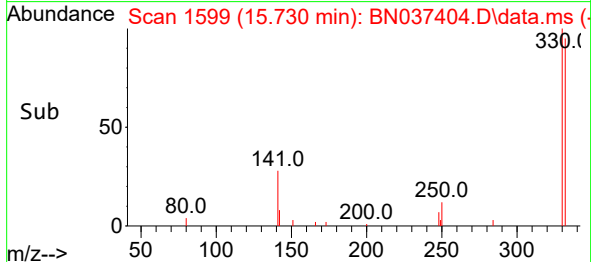
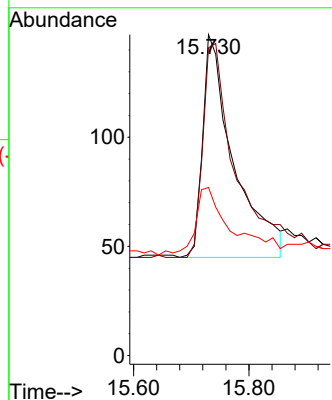
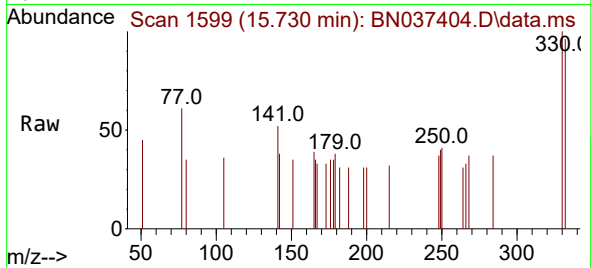




#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

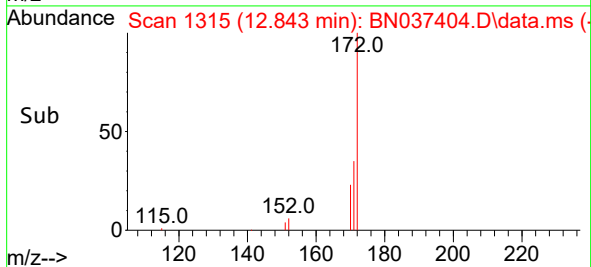
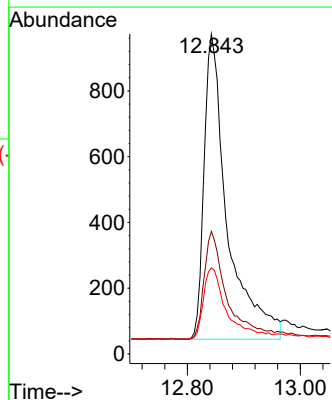
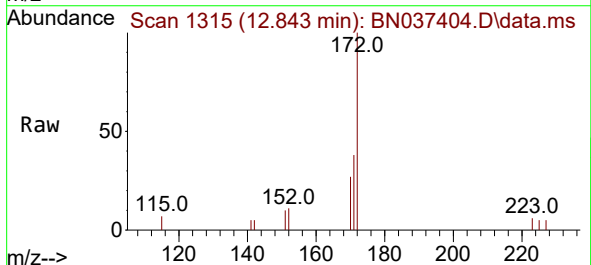
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BNA_N
ClientSampleId :
PB167430BL

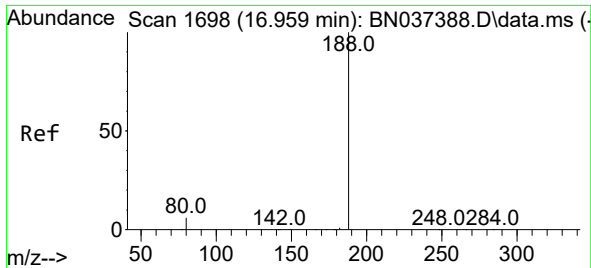
Tgt Ion: 330 Resp: 381
Ion Ratio Lower Upper
330 100
332 102.1 77.8 116.8
141 35.7 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.843 min Scan# 1315
Delta R.T. 0.010 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

Tgt Ion: 172 Resp: 2651
Ion Ratio Lower Upper
172 100
171 38.3 28.8 43.2
170 26.9 20.3 30.5

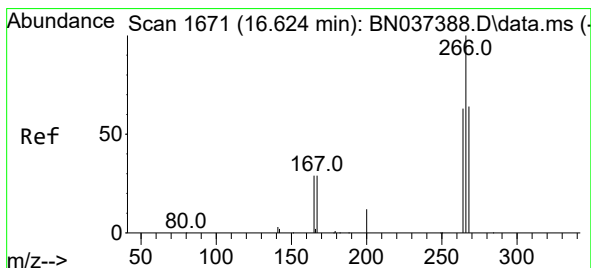
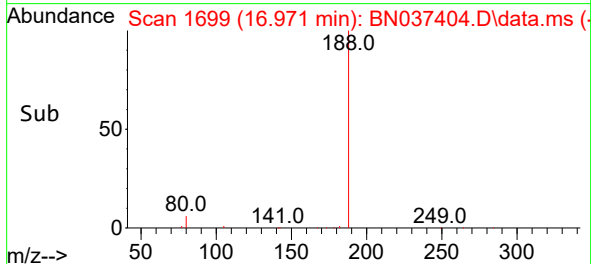
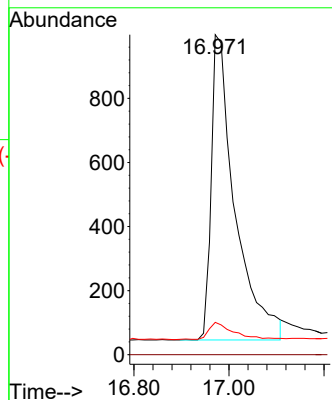
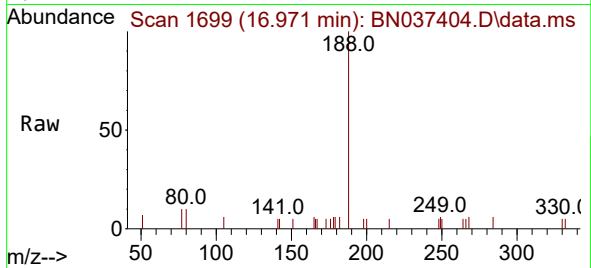




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1698
Delta R.T. 0.012 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

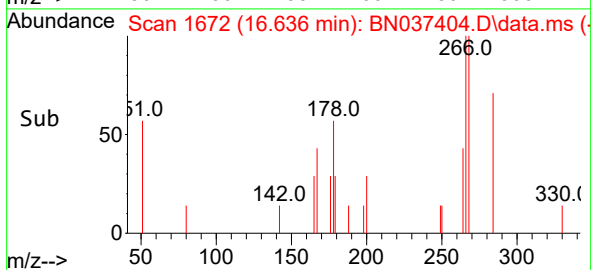
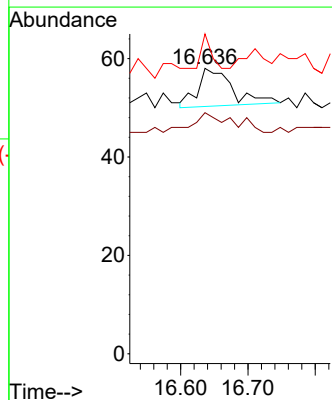
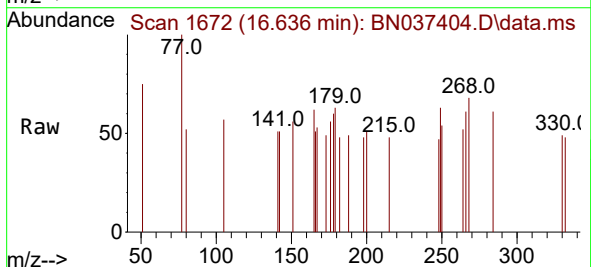
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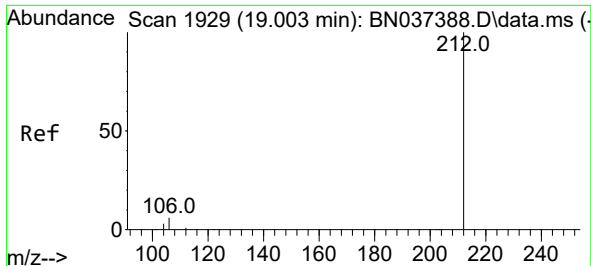
Tgt Ion:188 Resp: 3307
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 6.2 9.4#



#24
Pentachlorophenol
Concen: 0.021 ng
RT: 16.636 min Scan# 1672
Delta R.T. 0.012 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 60.7 49.2 73.8
268 28.6 54.2 81.4#

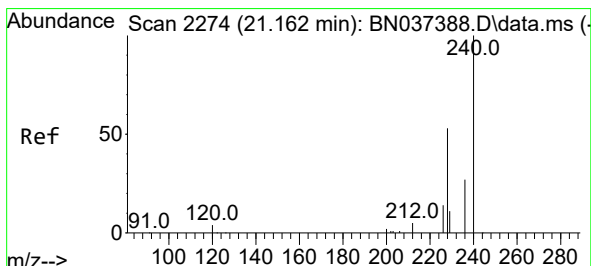
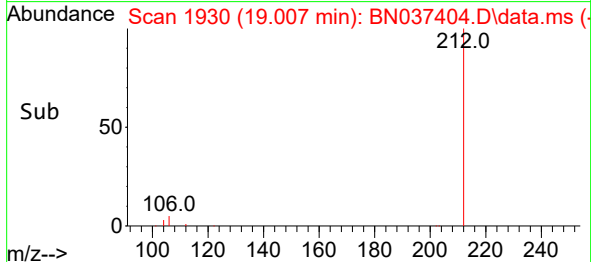
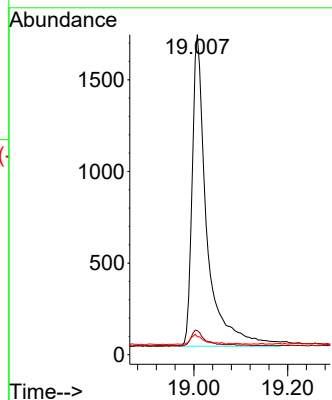
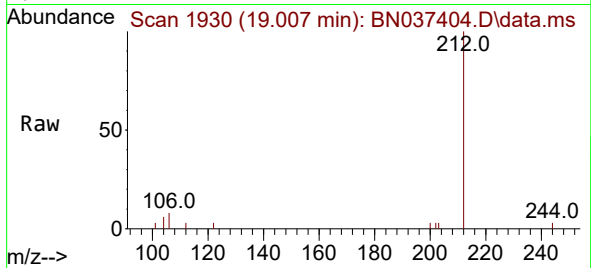




#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.007 min Scan# 1930
Delta R.T. 0.004 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

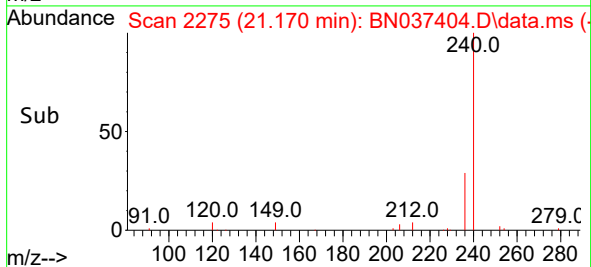
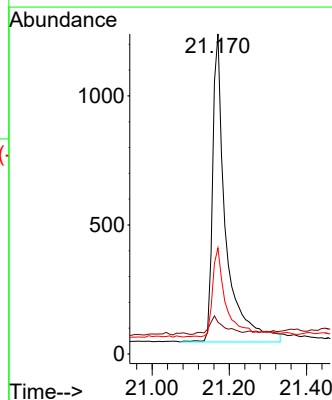
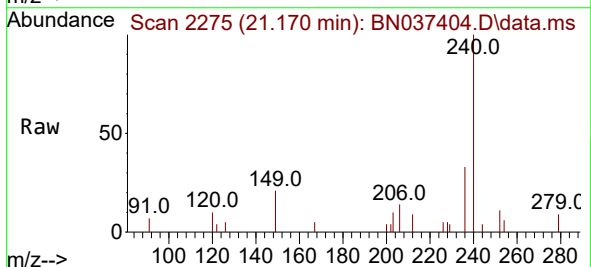
Instrument :
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PB167430BL

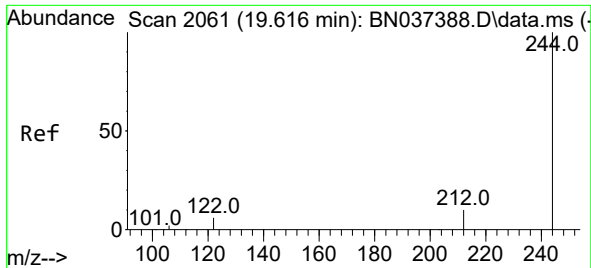
Tgt Ion:212 Resp: 3682
Ion Ratio Lower Upper
212 100
106 4.7 4.5 6.7
104 2.6 2.7 4.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.170 min Scan# 2275
Delta R.T. 0.009 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

Tgt Ion:240 Resp: 2821
Ion Ratio Lower Upper
240 100
120 9.9 5.3 7.9#
236 33.1 22.7 34.1

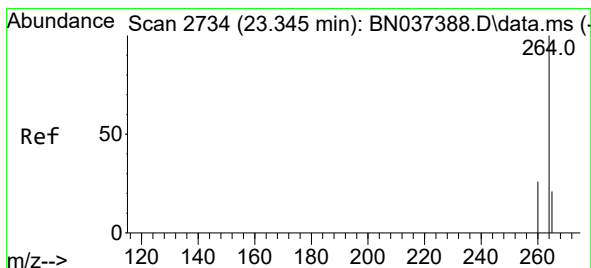
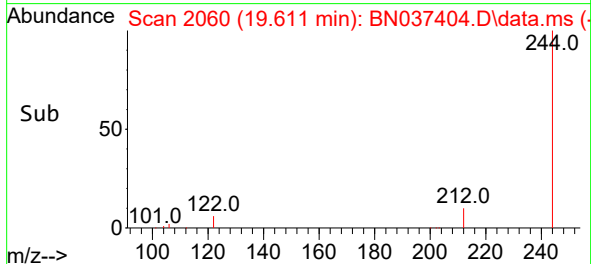
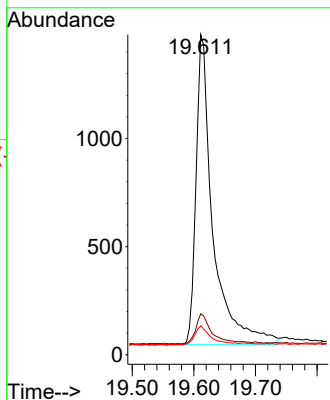
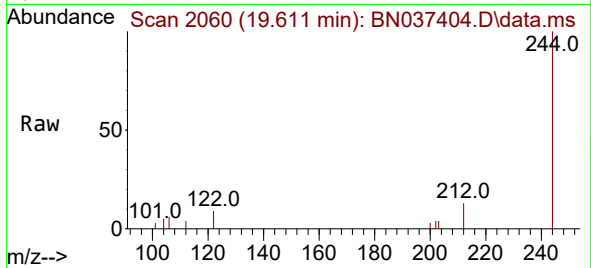




#31
 Terphenyl-d14
 Concen: 0.458 ng
 RT: 19.611 min Scan# 2060
 Delta R.T. -0.005 min
 Lab File: BN037404.D
 Acq: 26 Jun 2025 22:14

Instrument :
 BNA_N
 ClientSampleId :
 PB167430BL

Tgt Ion:244 Resp: 2754
 Ion Ratio Lower Upper
 244 100
 212 12.8 9.1 13.7
 122 9.1 6.3 9.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.351 min Scan# 2736
 Delta R.T. 0.006 min
 Lab File: BN037404.D
 Acq: 26 Jun 2025 22:14

Tgt Ion:264 Resp: 972
 Ion Ratio Lower Upper
 264 100
 260 34.6 21.4 32.0#
 265 281.7 56.2 84.4#

