

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

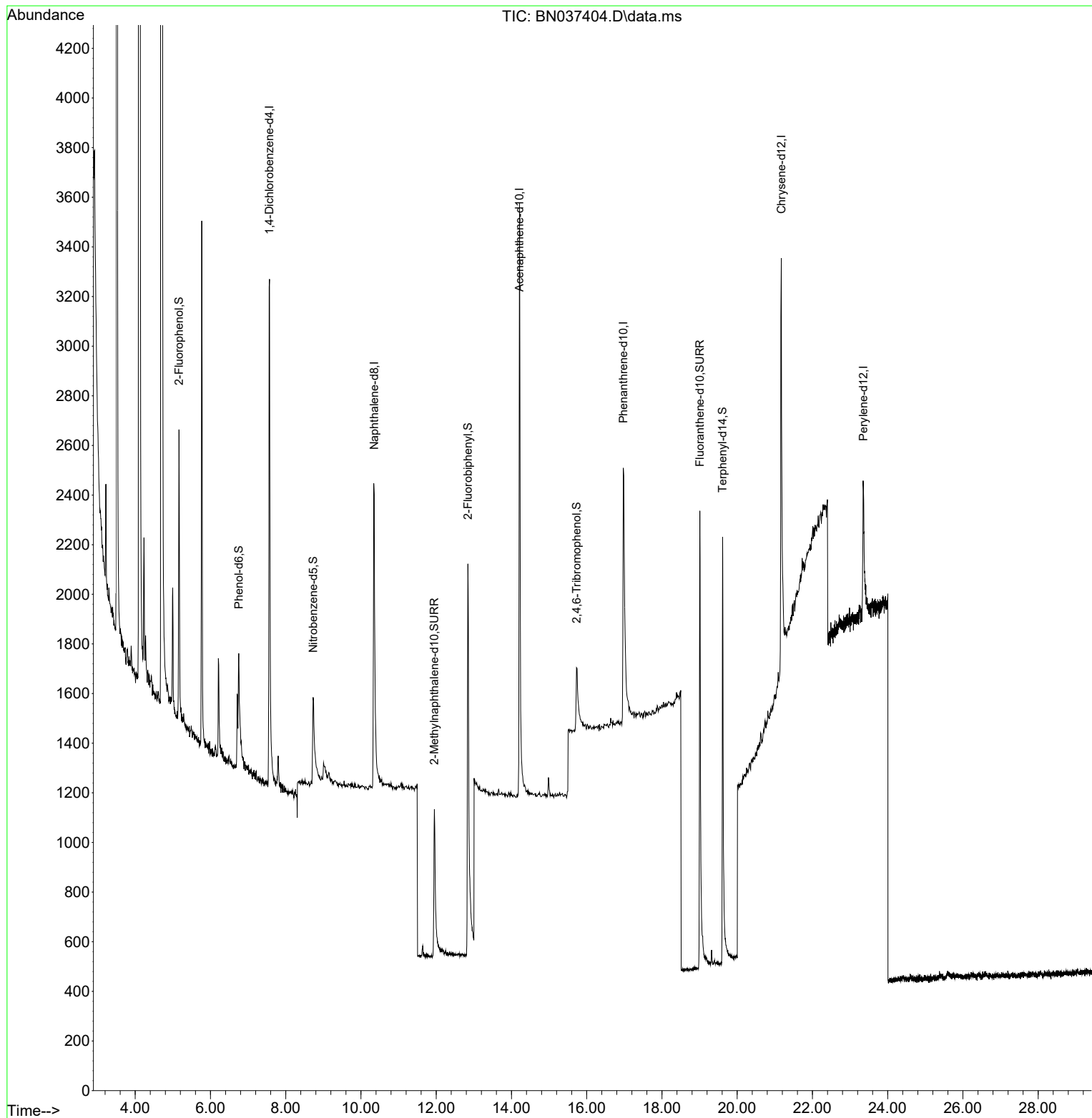
Target Compounds Qvalue

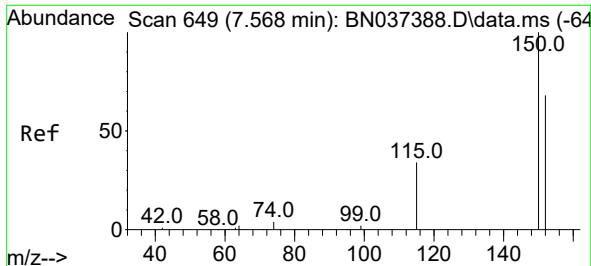
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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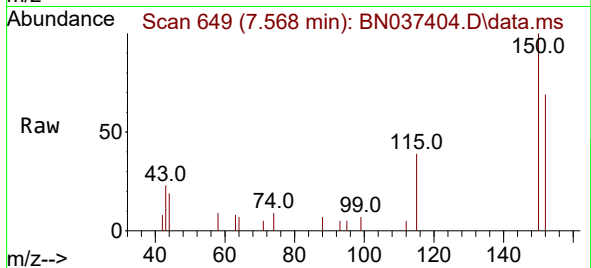
Quant Time: Jun 27 03:00:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



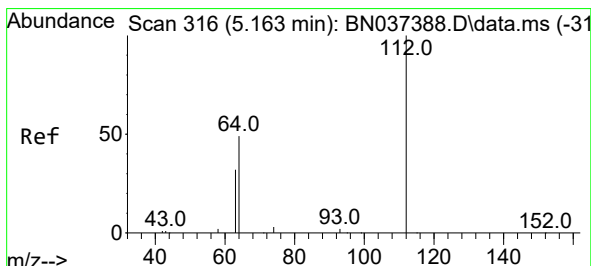
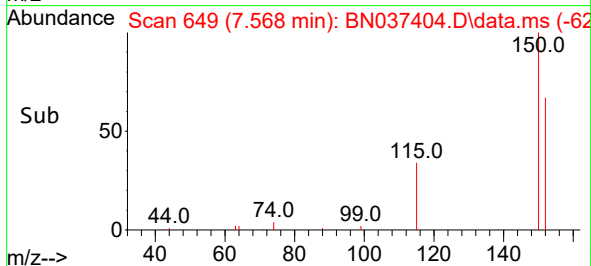
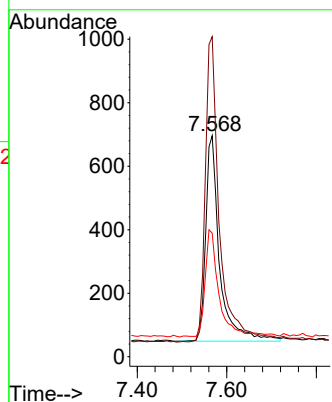


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

Instrument :
BNA_N
ClientSampleId :
PB167430BL

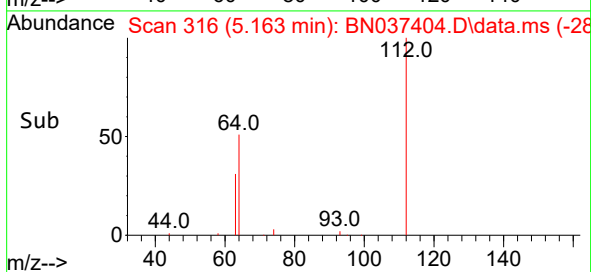
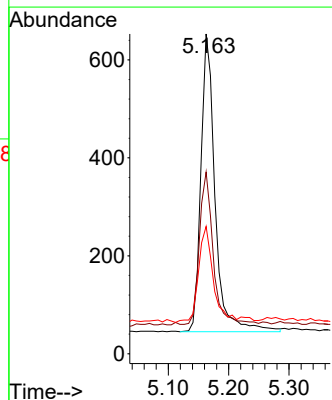
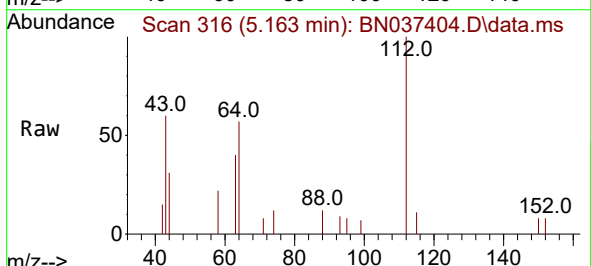


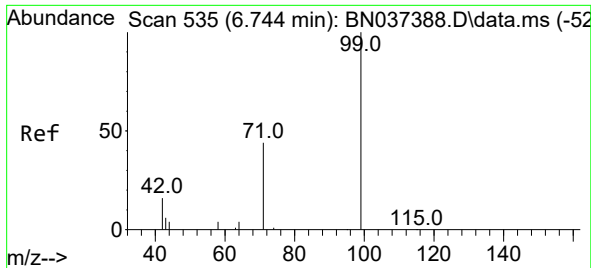
Tgt Ion:152 Resp: 1394
Ion Ratio Lower Upper
152 100
150 144.8 116.2 174.2
115 55.9 42.9 64.3



#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

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

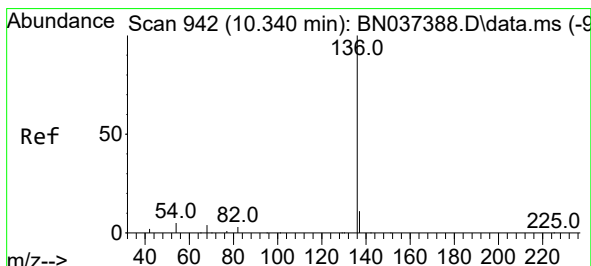
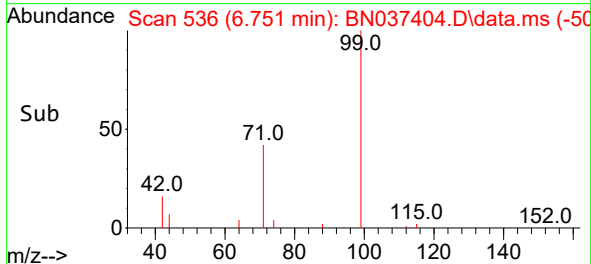
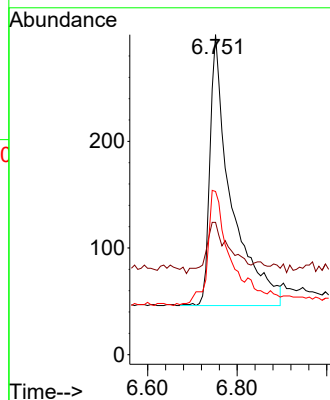
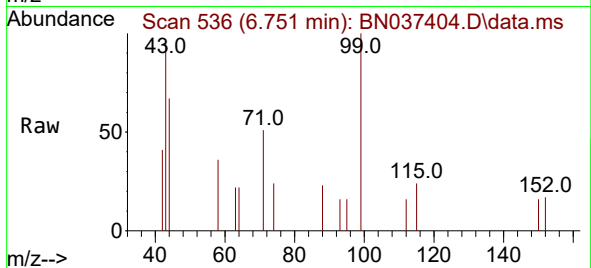




#5
Phenol-d6
Concen: 0.298 ng
RT: 6.751 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

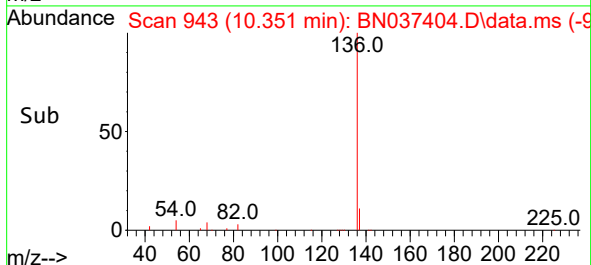
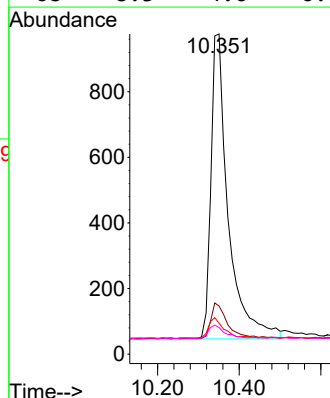
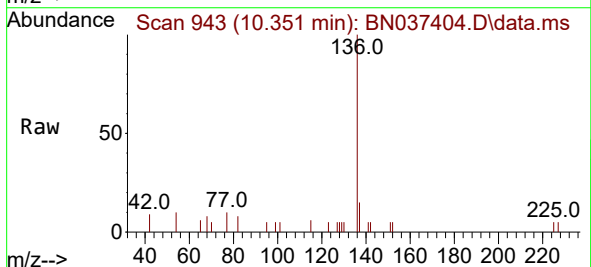
Instrument :
BNA_N
ClientSampleId :
PB167430BL

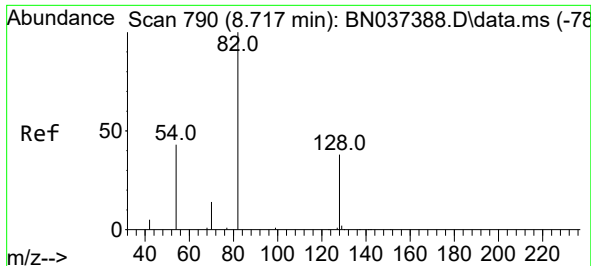
Tgt Ion:	99	Resp:	831
Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	47.2	35.8	53.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.011 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

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

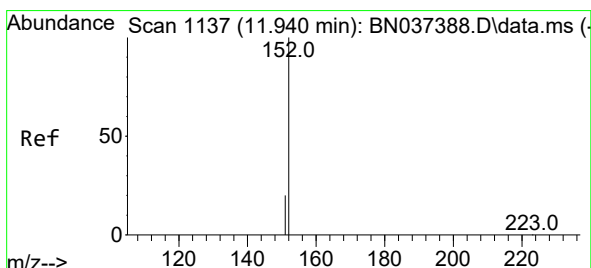
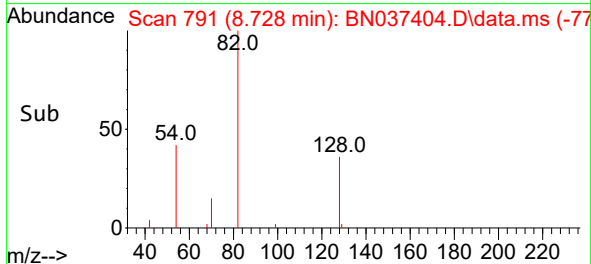
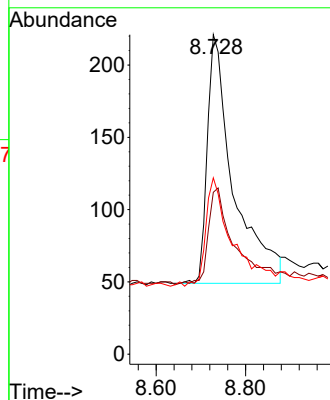
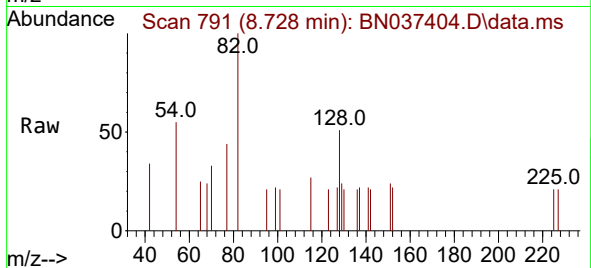
Instrument :

BNA_N

ClientSampleId :

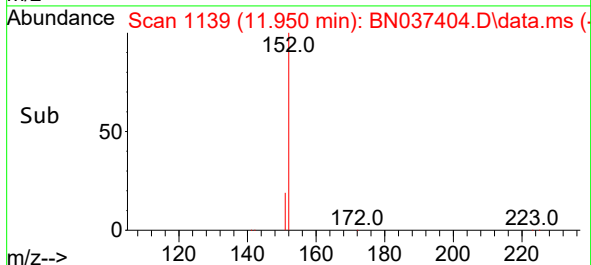
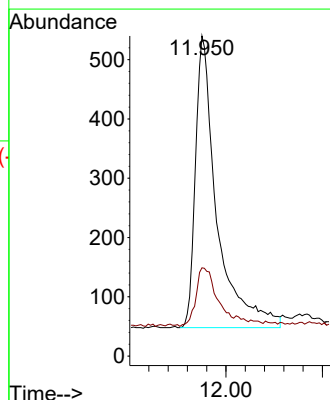
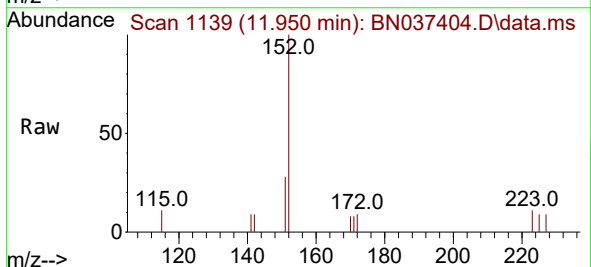
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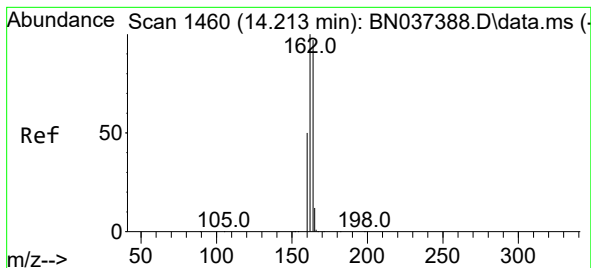
Tgt Ion: 82 Resp: 699
Ion Ratio Lower Upper
82 100
128 50.7 34.0 51.0
54 55.2 37.7 56.5



#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

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

Instrument :

BNA_N

ClientSampleId :

PB167430BL

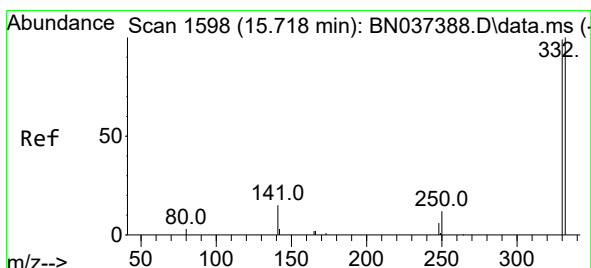
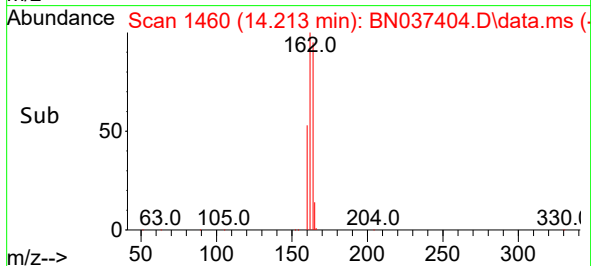
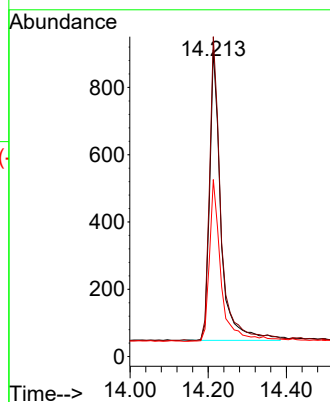
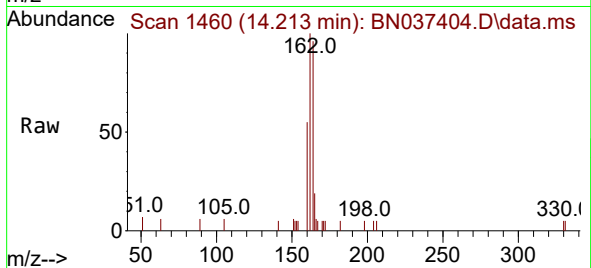
Tgt Ion:164 Resp: 1729

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

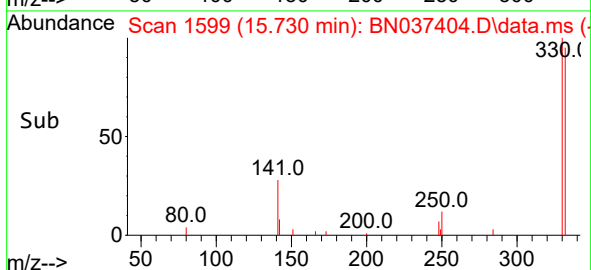
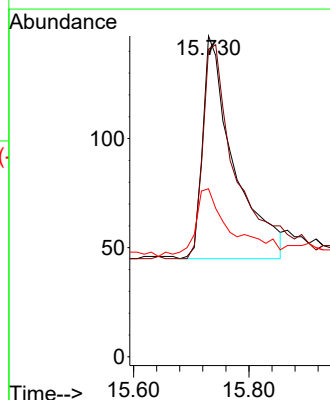
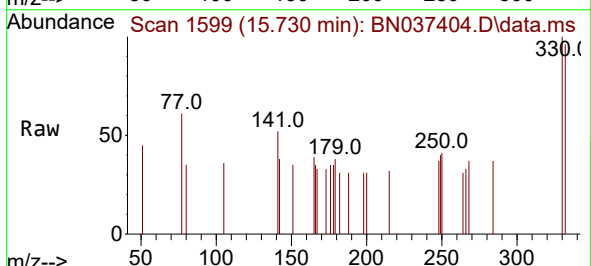
Tgt Ion:330 Resp: 381

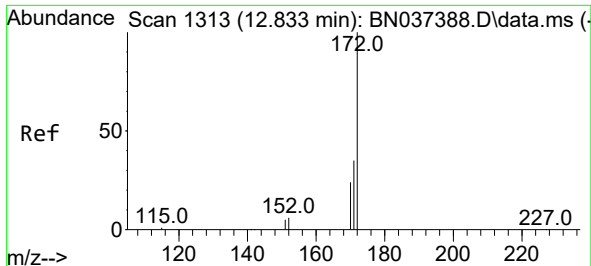
Ion Ratio Lower Upper

330 100

332 102.1 77.8 116.8

141 35.7 24.0 36.0

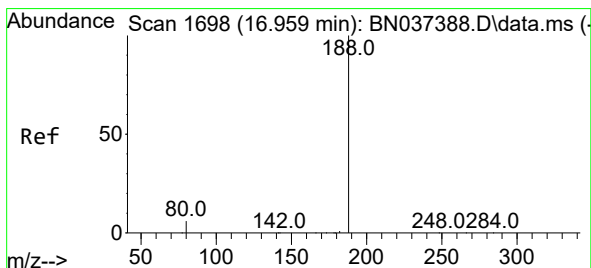
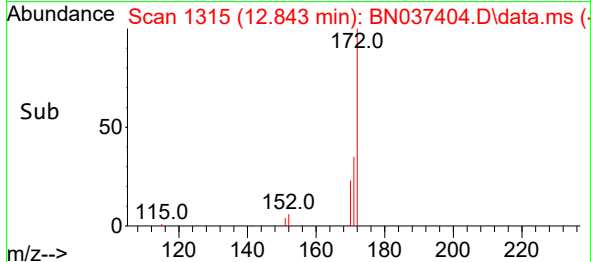
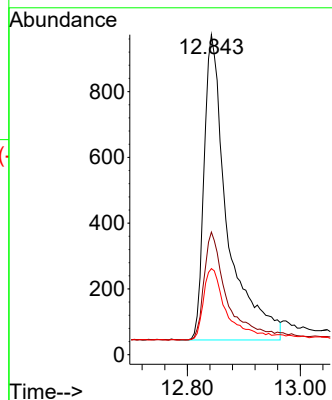
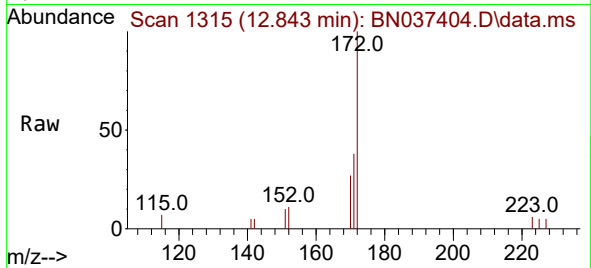




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.843 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

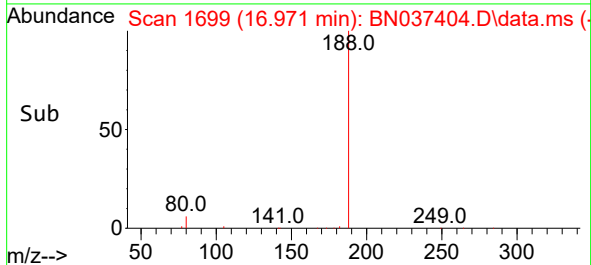
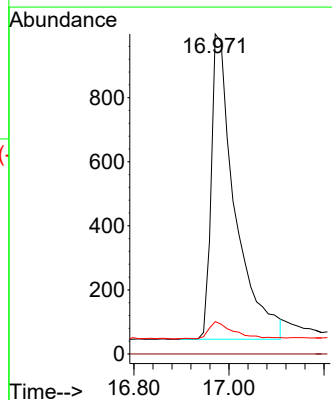
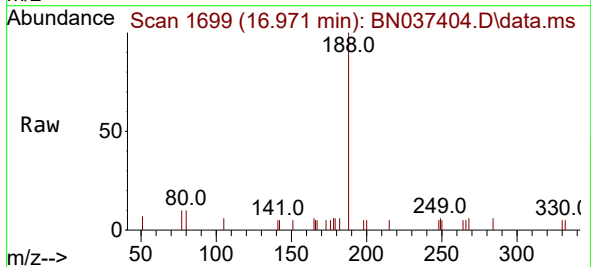
Instrument :
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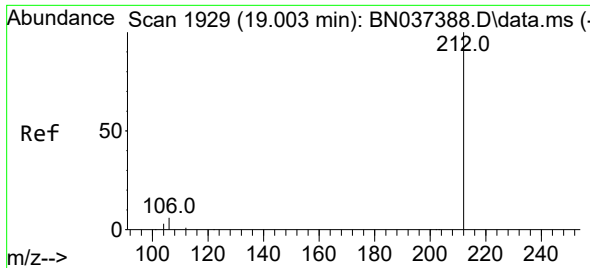
Tgt Ion:172 Resp: 2651
Ion Ratio Lower Upper
172 100
171 38.3 28.8 43.2
170 26.9 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

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#

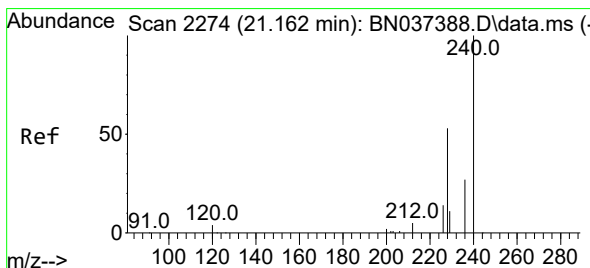
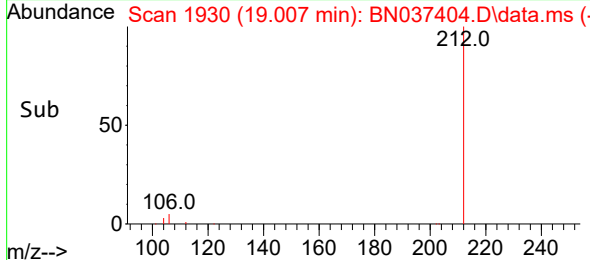
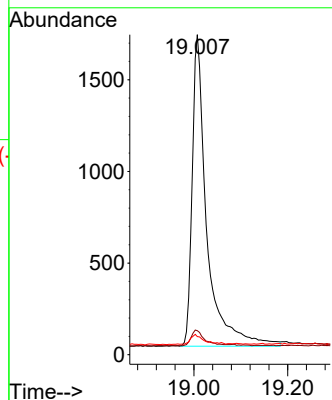
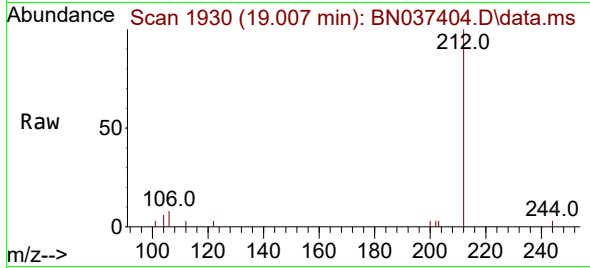




#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.007 min Scan# 1930
Delta R.T. 0.004 min
Lab File: BN037404.D
Acq: 26 Jun 2025 22:14

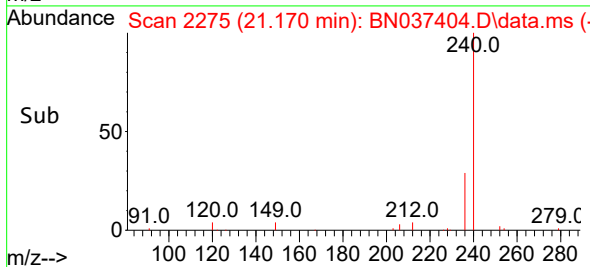
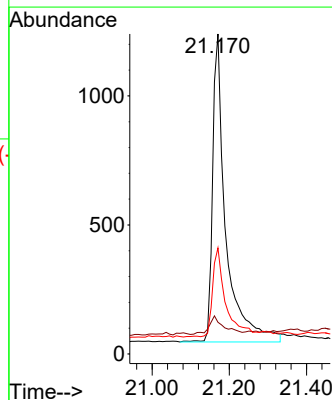
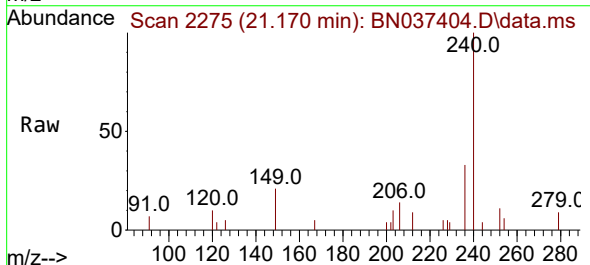
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BNA_N
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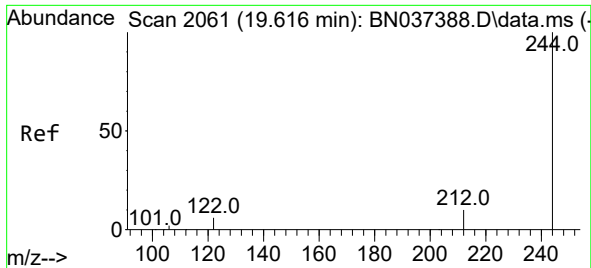
Tgt Ion:212 Resp: 3682
Ion Ratio Lower Upper
212 100
106 4.7 4.5 6.7
104 2.6 2.7 4.1#



#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

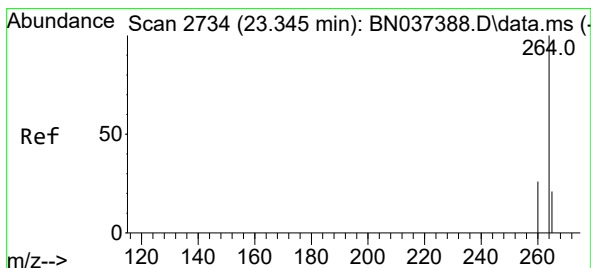
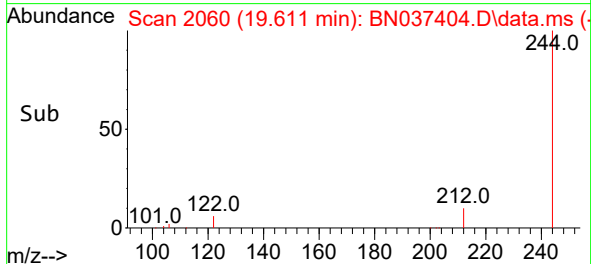
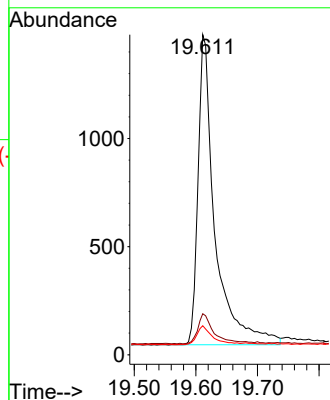
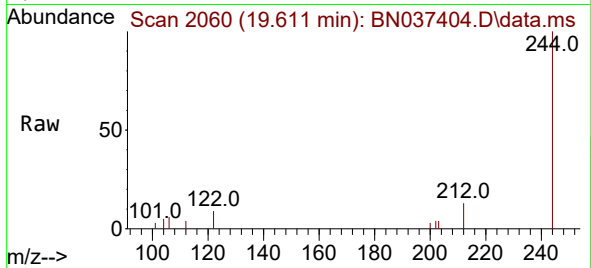




#31
 Terphenyl-d14
 Concen: 0.458 ng
 RT: 19.611 min Scan# 2060
 Delta R.T. -0.005 min
 Lab File: BN037404.D
 Acq: 26 Jun 2025 22:14

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#

