

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037400.D
 Acq On : 26 Jun 2025 19:06
 Operator : RC/JU
 Sample : Q2361-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT205S1-20250617

Quant Time: Jun 27 02:59:53 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

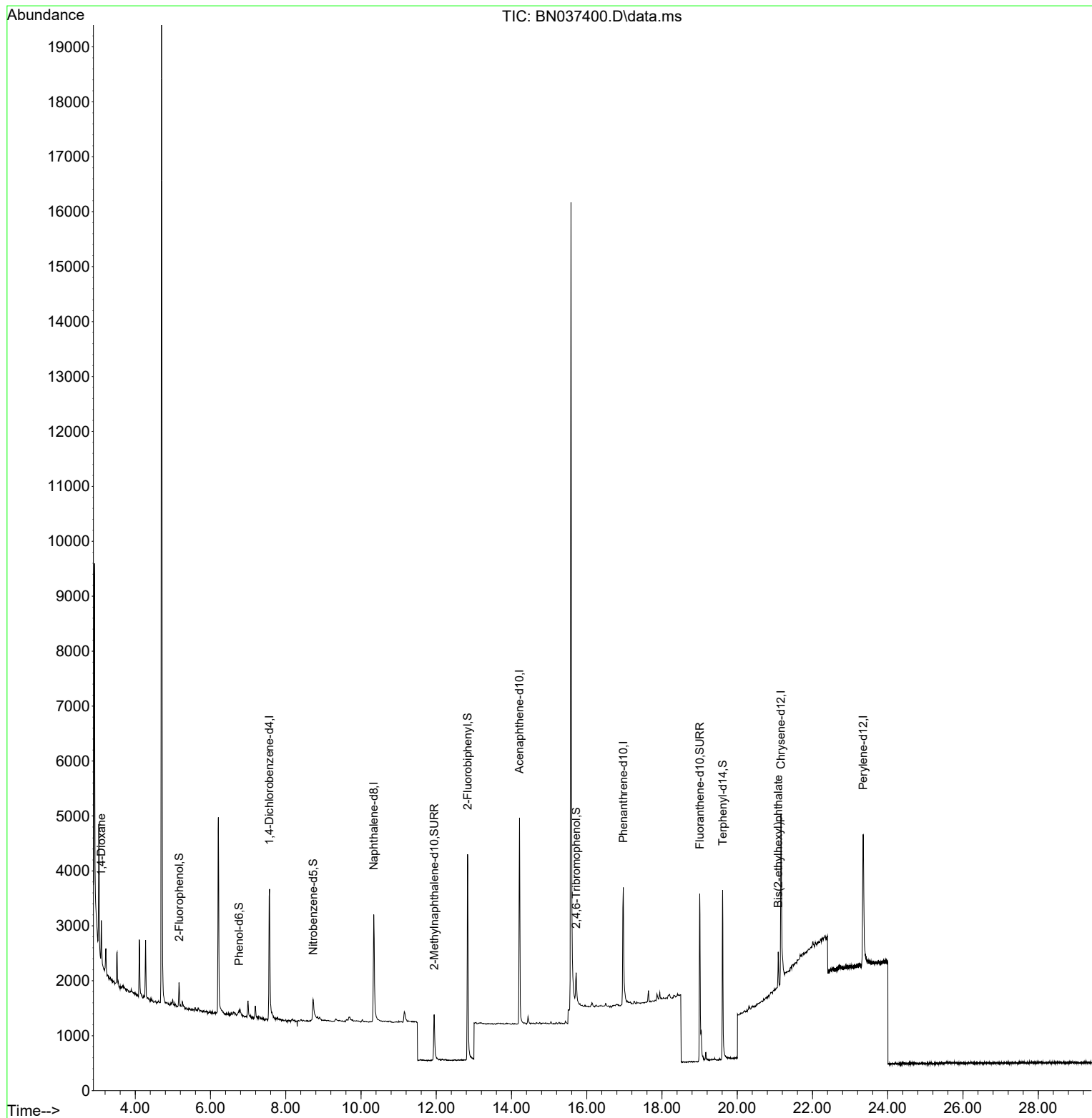
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1481	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3305	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2183	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	4358	0.400	ng	0.01
29) Chrysene-d12	21.162	240	4233	0.400	ng	# 0.00
35) Perylene-d12	23.345	264	3947	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	373	0.131	ng	0.00
5) Phenol-d6	6.759	99	172	0.058	ng	0.01
8) Nitrobenzene-d5	8.728	82	664	0.251	ng	0.01
11) 2-Methylnaphthalene-d10	11.945	152	1543	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	461	0.360	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	3943	0.418	ng	0.00
27) Fluoranthene-d10	19.003	212	4774	0.382	ng	0.00
31) Terphenyl-d14	19.611	244	3854	0.427	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	521	0.371	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.090	149	583	0.111	ng	# 93

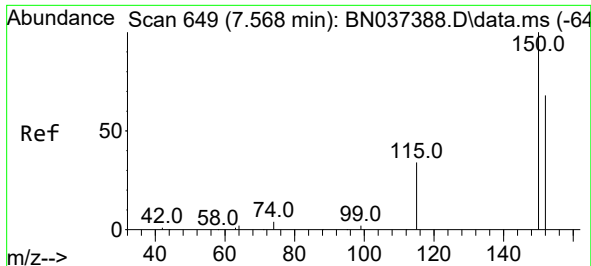
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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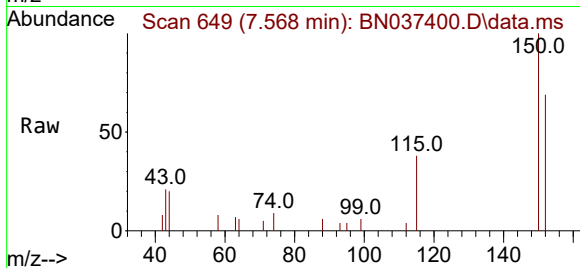
Quant Time: Jun 27 02:59:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
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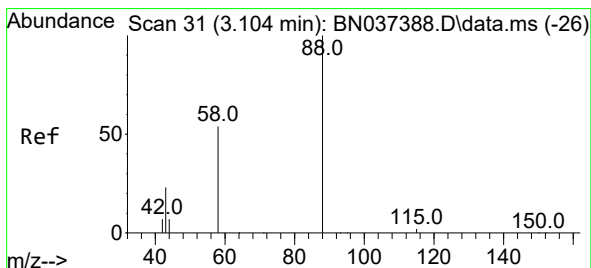
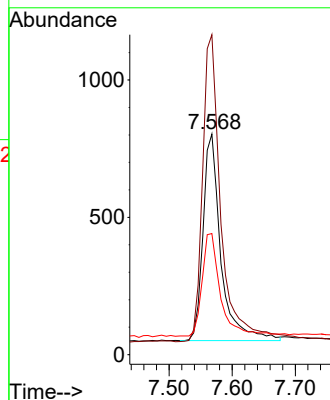
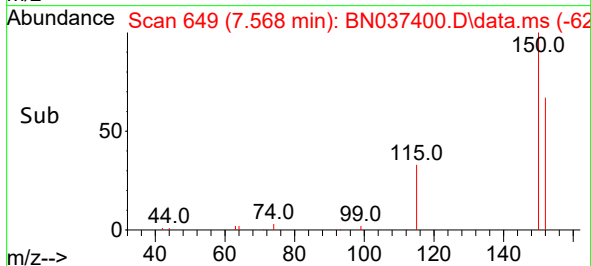


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037400.D
 Acq: 26 Jun 2025 19:06

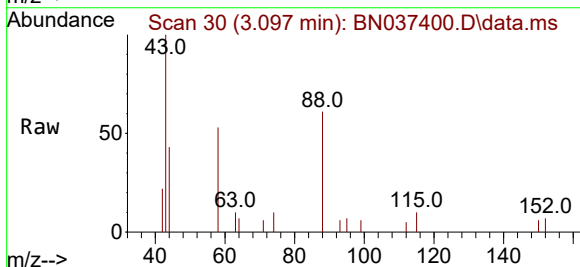
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 BNA_N
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 TT205S1-20250617



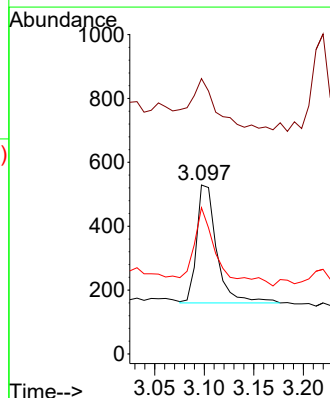
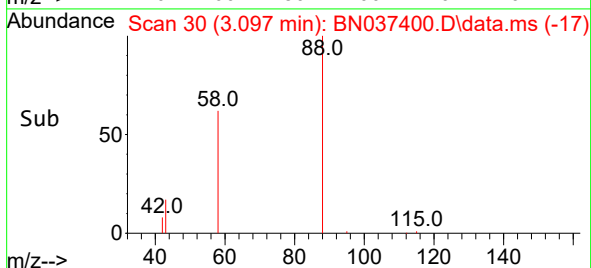
Tgt Ion:152 Resp: 1481
 Ion Ratio Lower Upper
 152 100
 150 145.1 116.2 174.2
 115 54.9 42.9 64.3

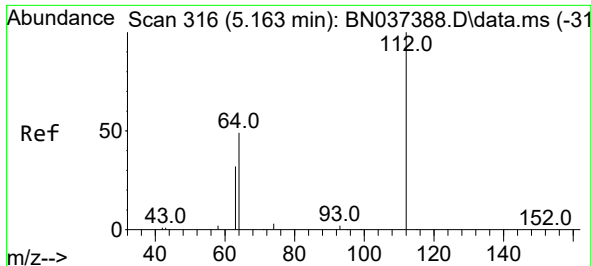


#2
 1,4-Dioxane
 Concen: 0.371 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037400.D
 Acq: 26 Jun 2025 19:06



Tgt Ion: 88 Resp: 521
 Ion Ratio Lower Upper
 88 100
 43 53.6 21.6 32.4#
 58 74.5 45.9 68.9#





#4

2-Fluorophenol

Concen: 0.131 ng

RT: 5.170 min Scan# 316

Delta R.T. 0.007 min

Lab File: BN037400.D

Acq: 26 Jun 2025 19:06

Instrument :

BNA_N

ClientSampleId :

TT205S1-20250617

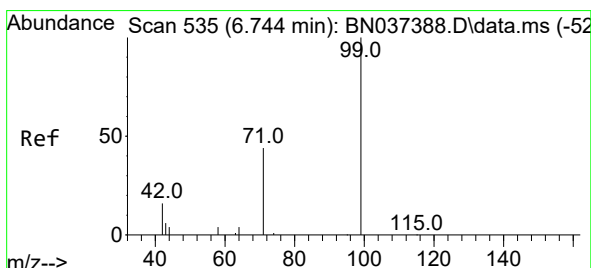
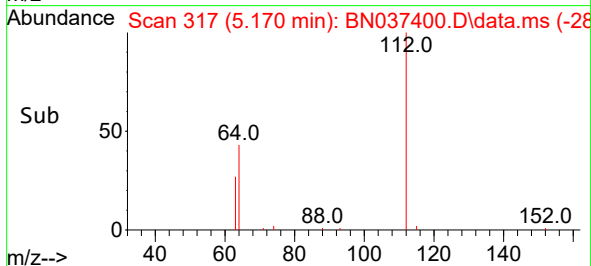
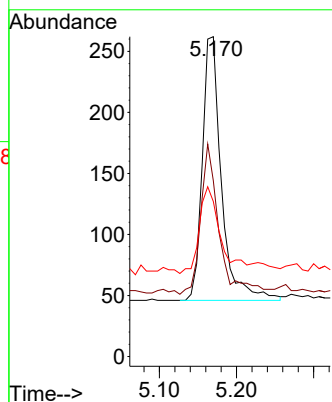
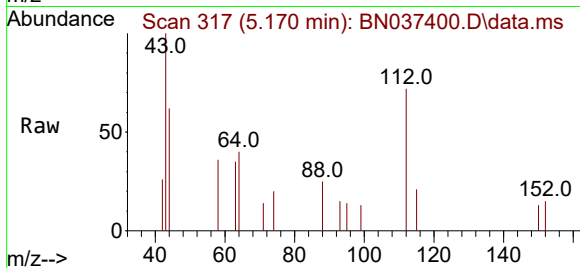
Tgt Ion:112 Resp: 373

Ion Ratio Lower Upper

112 100

64 54.7 40.3 60.5

63 36.7 26.1 39.1



#5

Phenol-d6

Concen: 0.058 ng

RT: 6.759 min Scan# 537

Delta R.T. 0.014 min

Lab File: BN037400.D

Acq: 26 Jun 2025 19:06

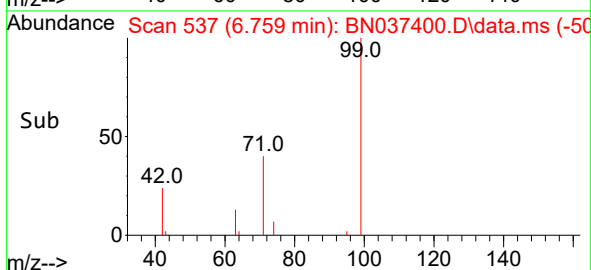
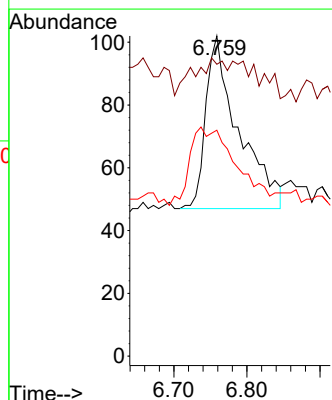
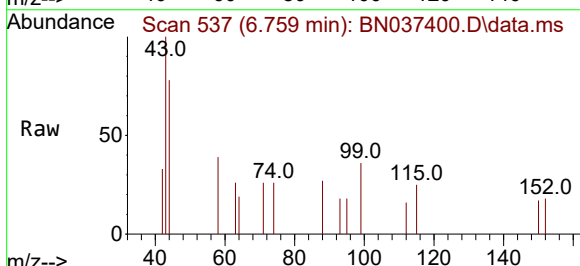
Tgt Ion: 99 Resp: 172

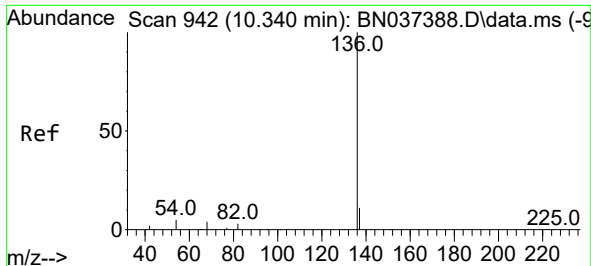
Ion Ratio Lower Upper

99 100

42 4.1 15.6 23.4#

71 0.0 35.8 53.8#

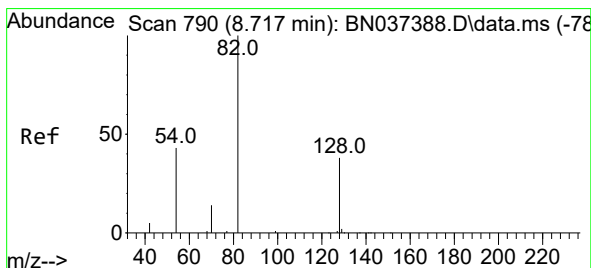
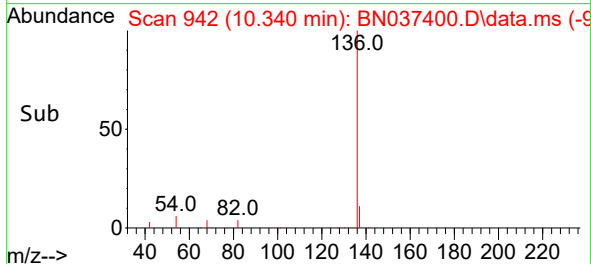
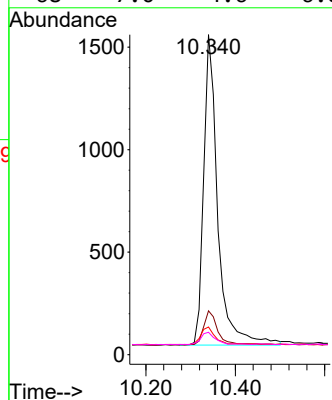
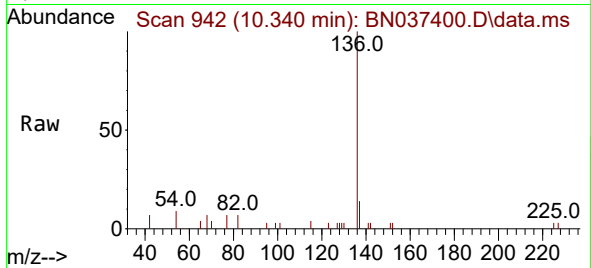




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

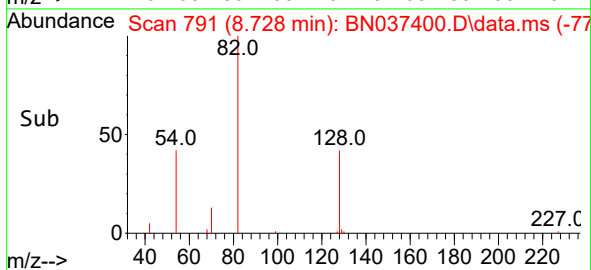
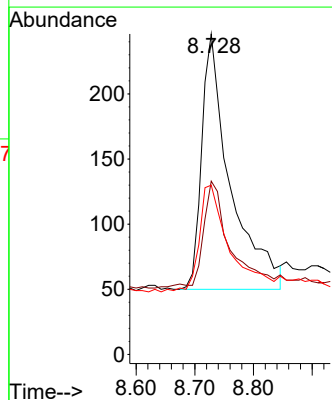
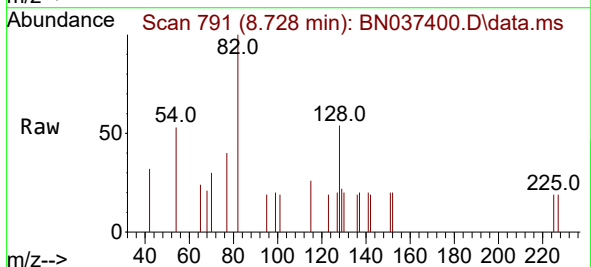
Instrument :
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TT205S1-20250617

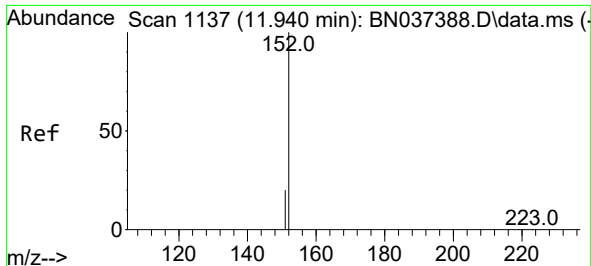
Tgt Ion:	136	Resp:	3305
Ion Ratio	Lower	Upper	
136	100		
137	13.7	10.4	15.6
54	8.6	5.6	8.4#
68	7.0	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.251 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

Tgt Ion:	82	Resp:	664
Ion Ratio	Lower	Upper	
82	100		
128	54.1	34.0	51.0#
54	52.8	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.302 ng

RT: 11.945 min Scan# 1137

Delta R.T. 0.005 min

Lab File: BN037400.D

Acq: 26 Jun 2025 19:06

Instrument :

BNA_N

ClientSampleId :

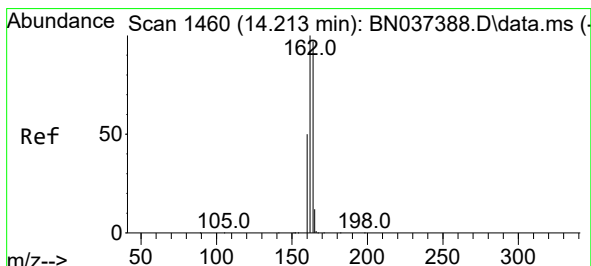
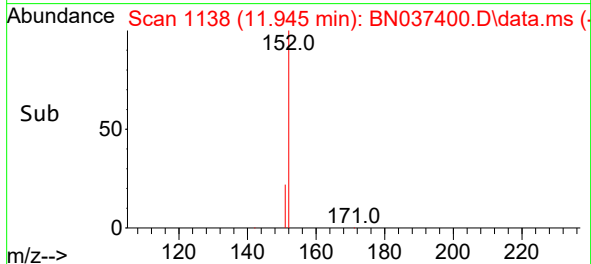
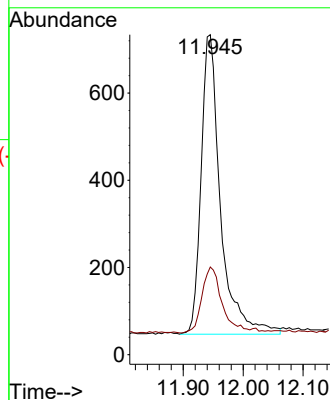
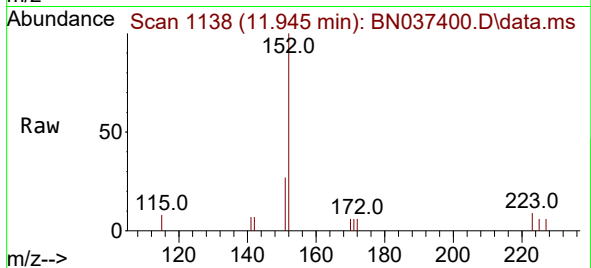
TT205S1-20250617

Tgt Ion:152 Resp: 1543

Ion Ratio Lower Upper

152 100

151 22.7 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: BN037400.D

Acq: 26 Jun 2025 19:06

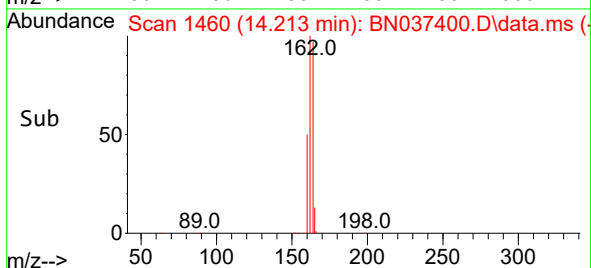
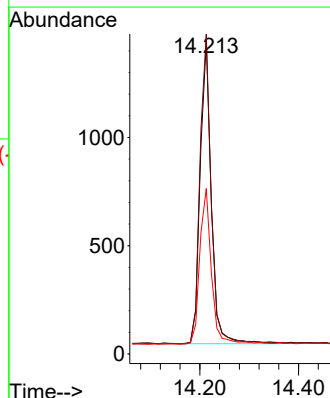
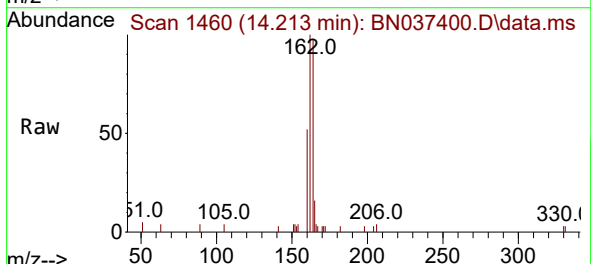
Tgt Ion:164 Resp: 2183

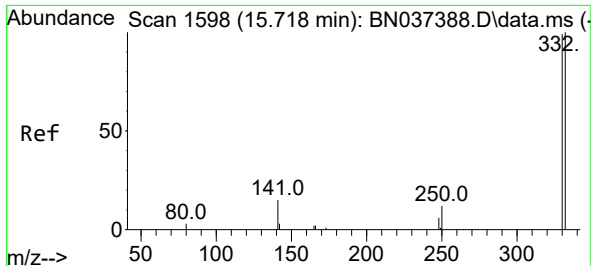
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

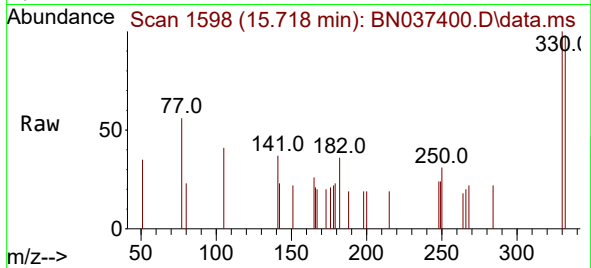
160 53.0 42.2 63.2



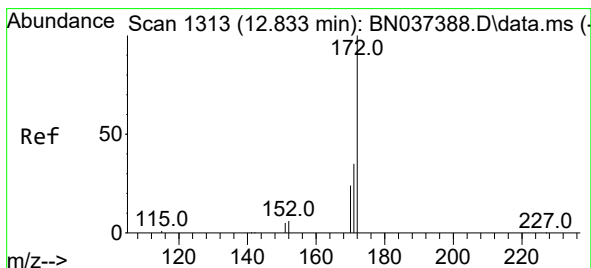
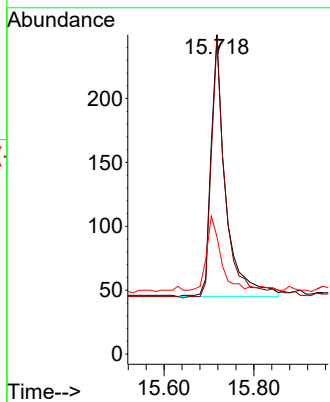
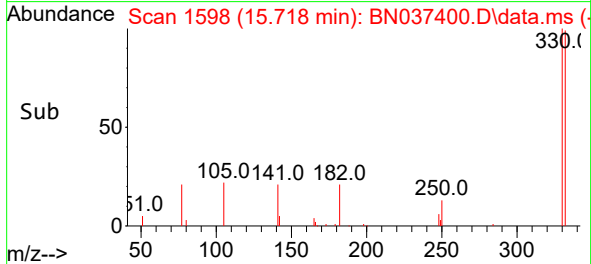


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

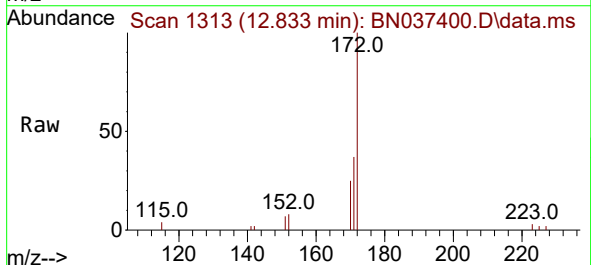
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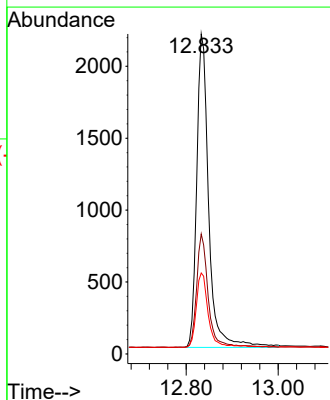
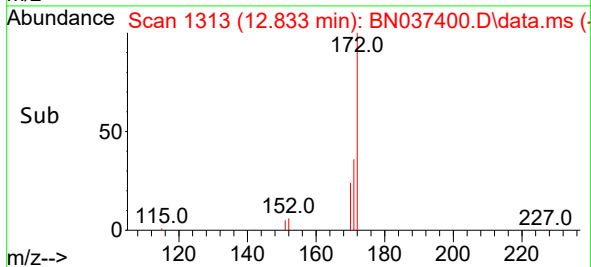
Tgt Ion:330 Resp: 461
Ion Ratio Lower Upper
330 100
332 97.8 77.8 116.8
141 27.5 24.0 36.0

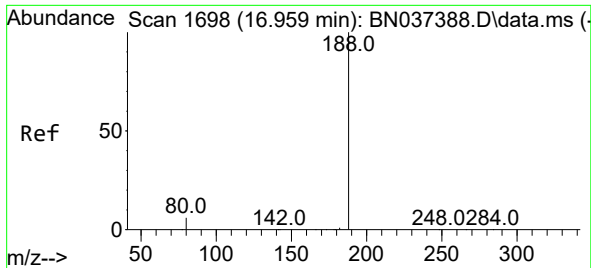


#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.833 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06



Tgt Ion:172 Resp: 3943
Ion Ratio Lower Upper
172 100
171 37.5 28.8 43.2
170 25.3 20.3 30.5

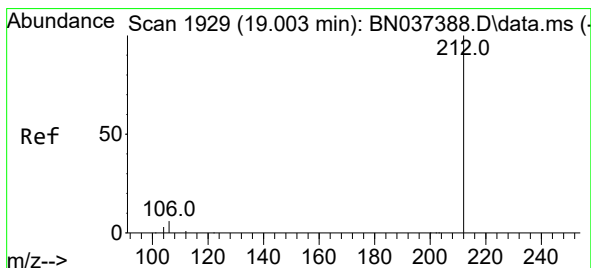
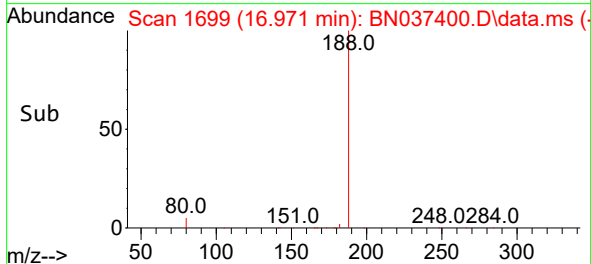
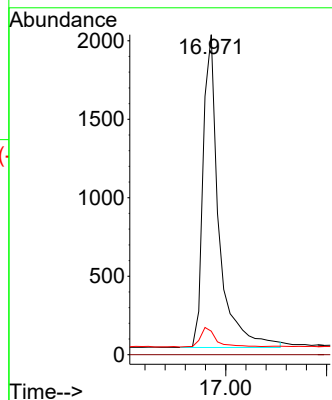
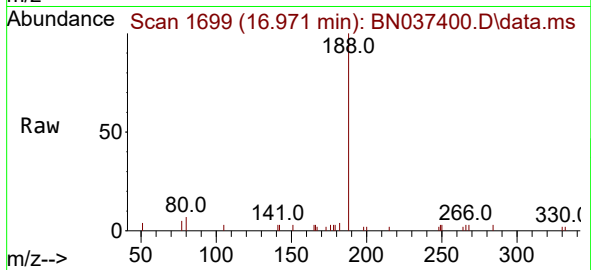




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

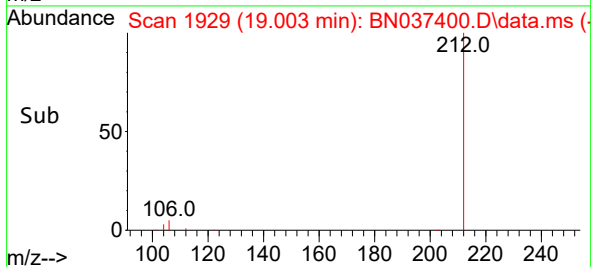
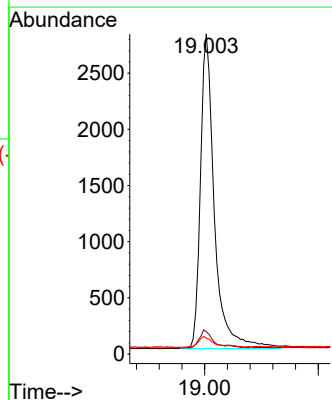
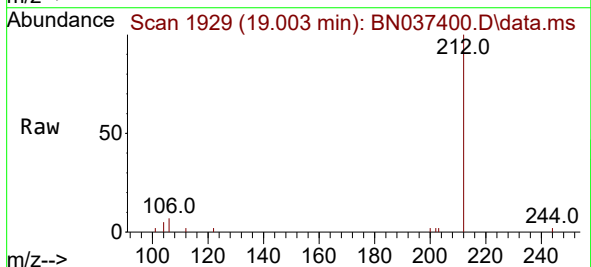
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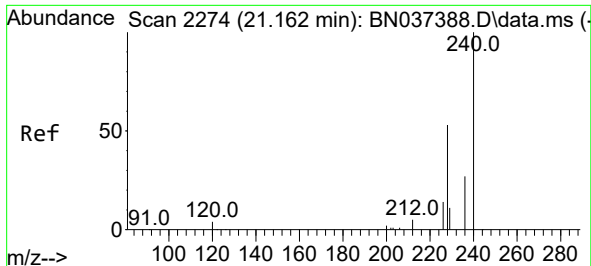
Tgt Ion:188 Resp: 4358
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

Tgt Ion:212 Resp: 4774
Ion Ratio Lower Upper
212 100
106 5.2 4.5 6.7
104 3.4 2.7 4.1

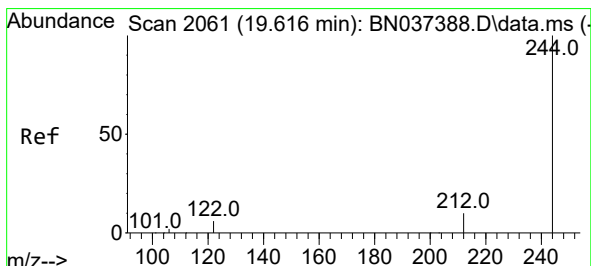
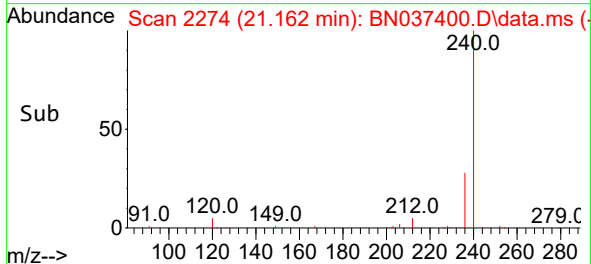
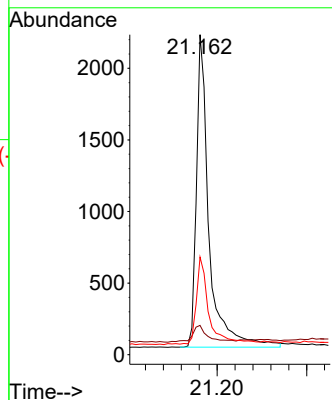
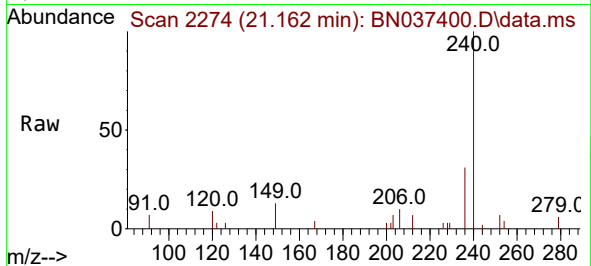




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

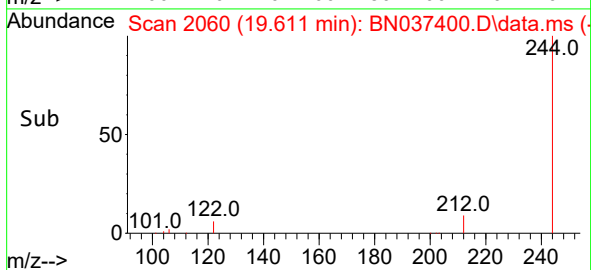
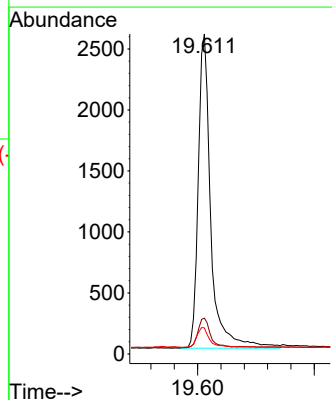
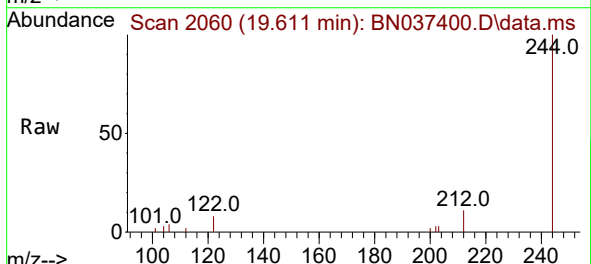
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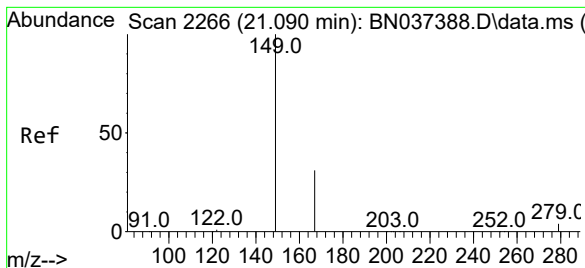
Tgt Ion:240 Resp: 4233
Ion Ratio Lower Upper
240 100
120 9.2 5.3 7.9#
236 30.5 22.7 34.1



#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.611 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

Tgt Ion:244 Resp: 3854
Ion Ratio Lower Upper
244 100
212 11.2 9.1 13.7
122 8.2 6.3 9.5

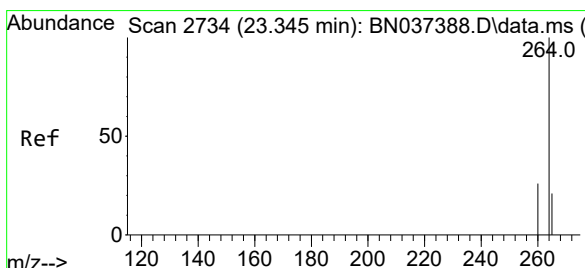
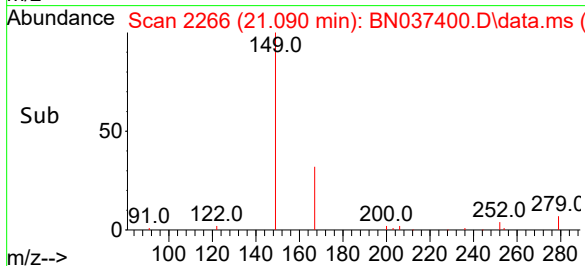
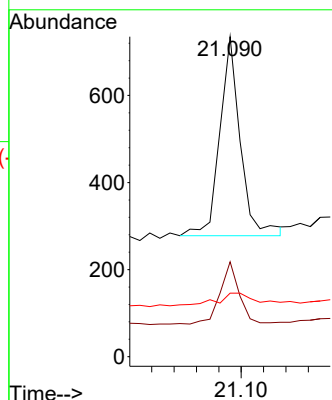
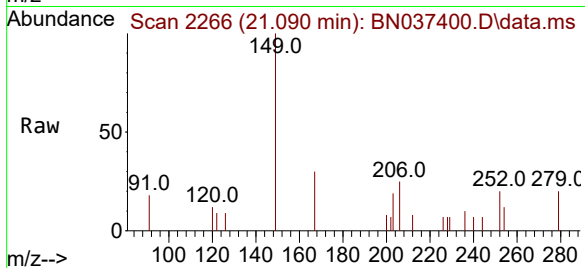




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

Instrument :
BNA_N
ClientSampleId :
TT205S1-20250617

Tgt Ion:149 Resp: 583
Ion Ratio Lower Upper
149 100
167 29.0 24.8 37.2
279 13.7 5.0 7.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.345 min Scan# 2734
Delta R.T. -0.000 min
Lab File: BN037400.D
Acq: 26 Jun 2025 19:06

Tgt Ion:264 Resp: 3947
Ion Ratio Lower Upper
264 100
260 26.5 21.4 32.0
265 97.7 56.2 84.4#

