

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037398.D
 Acq On : 26 Jun 2025 17:54
 Operator : RC/JU
 Sample : Q2345-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20250617

Quant Time: Jun 26 18:39:45 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

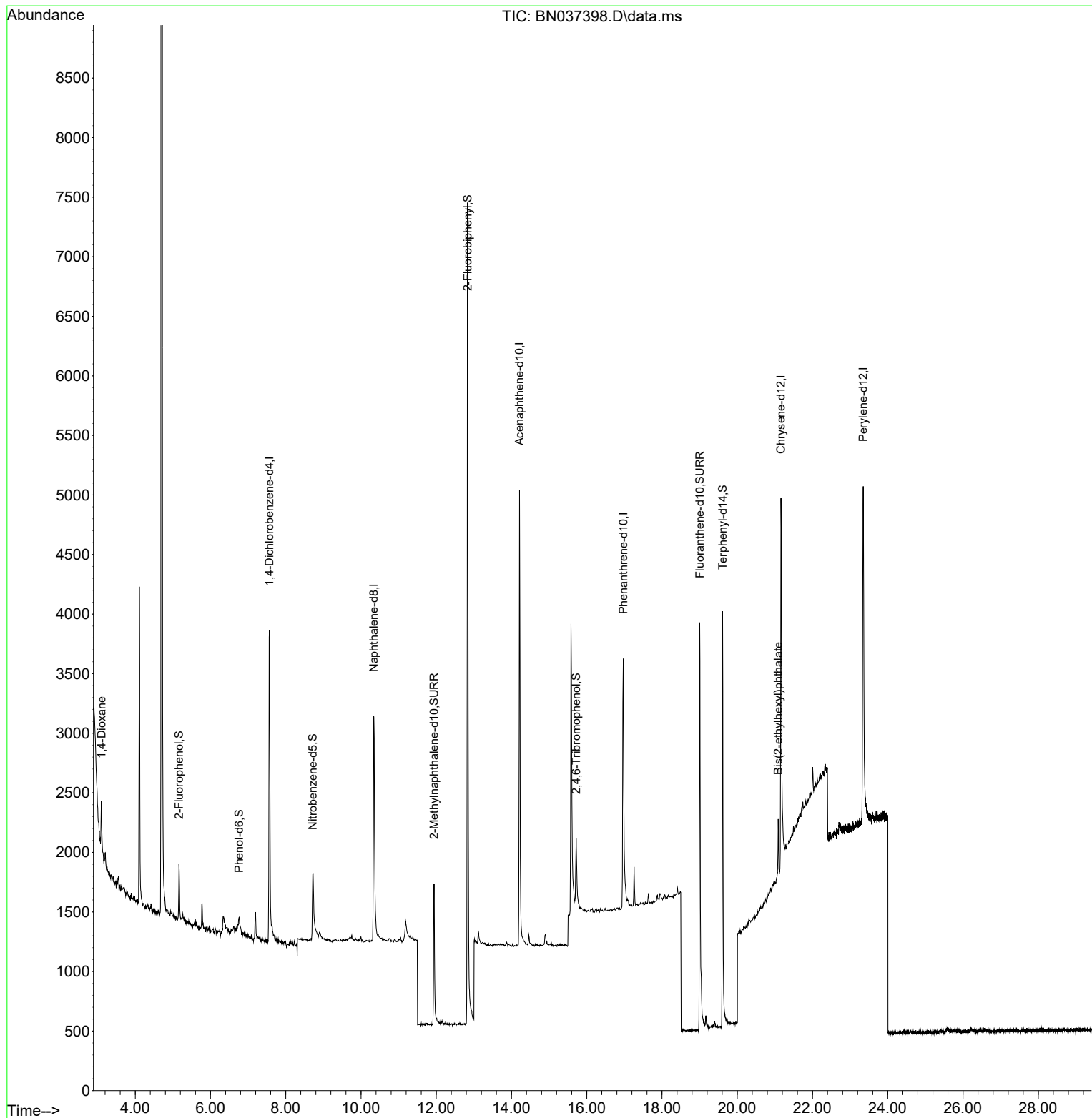
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1638	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3476	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2375	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	4640	0.400	ng	0.01
29) Chrysene-d12	21.162	240	4434	0.400	ng	# 0.00
35) Perylene-d12	23.348	264	4454	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	412	0.131	ng	0.00
5) Phenol-d6	6.759	99	221	0.068	ng	0.01
8) Nitrobenzene-d5	8.717	82	940	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	1933	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	502	0.360	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	6992	0.682	ng	0.00
27) Fluoranthene-d10	19.003	212	5322	0.400	ng	0.00
31) Terphenyl-d14	19.611	244	4554	0.482	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	364	0.234	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.090	149	488	0.088	ng	# 89

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

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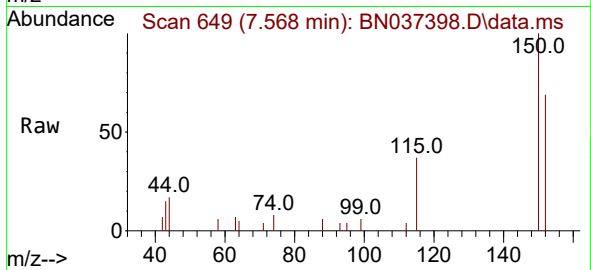
Quant Time: Jun 26 18:39:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
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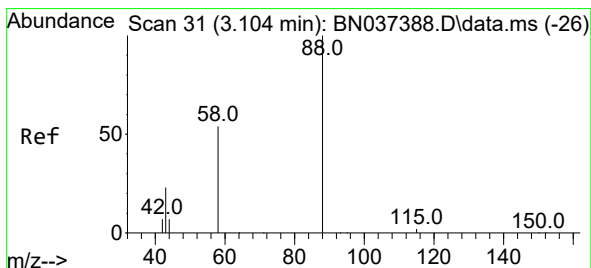
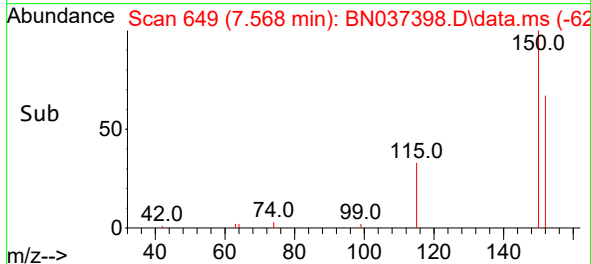
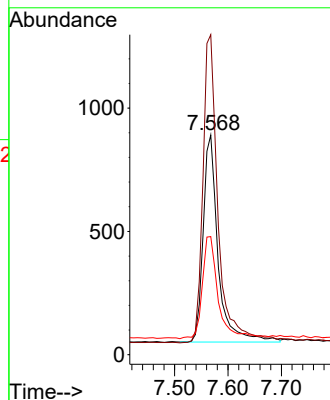


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 649
 Delta R.T. -0.000 min
 Lab File: BN037398.D
 Acq: 26 Jun 2025 17:54

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20250617

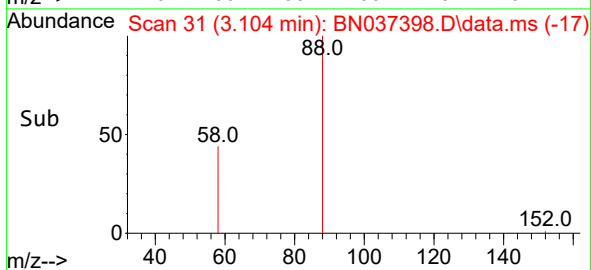
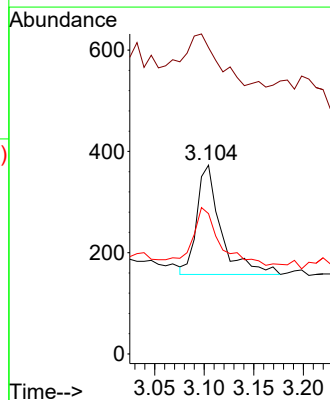
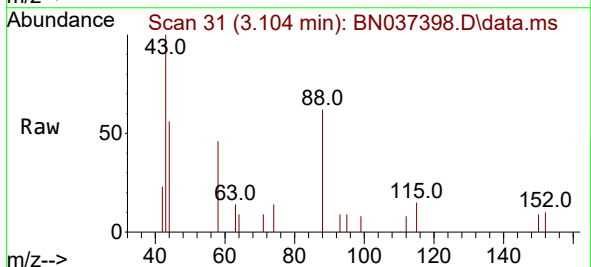


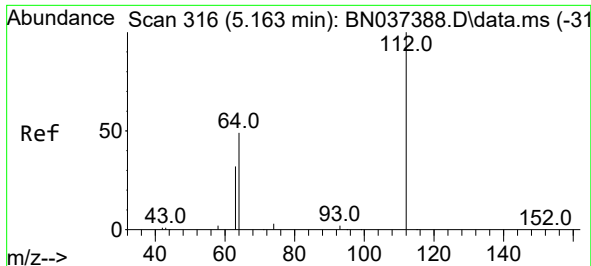
Tgt Ion:152 Resp: 1638
 Ion Ratio Lower Upper
 152 100
 150 145.7 116.2 174.2
 115 53.8 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.234 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037398.D
 Acq: 26 Jun 2025 17:54

Tgt Ion: 88 Resp: 364
 Ion Ratio Lower Upper
 88 100
 43 73.6 21.6 32.4#
 58 56.3 45.9 68.9

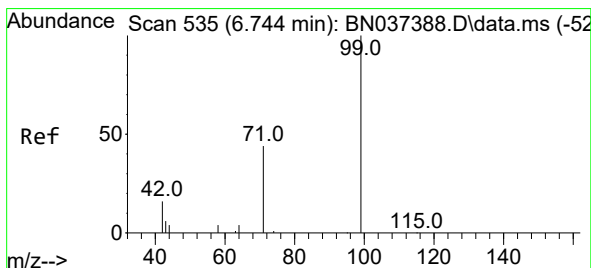
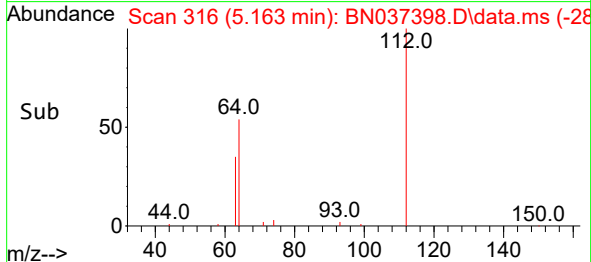
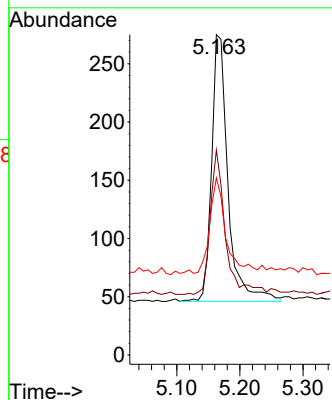
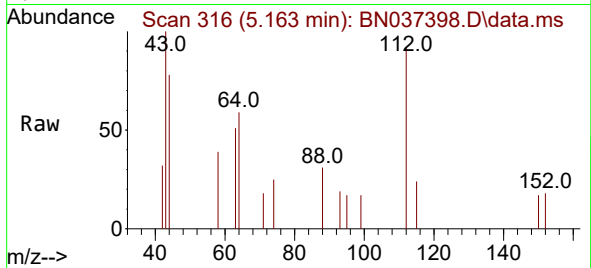




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037398.D
Acq: 26 Jun 2025 17:54

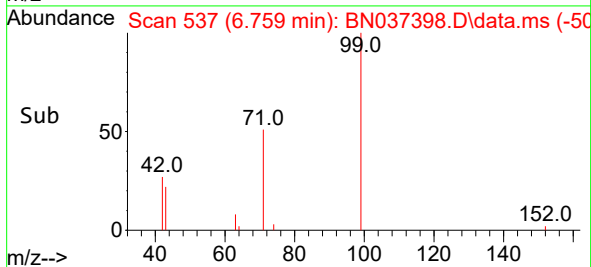
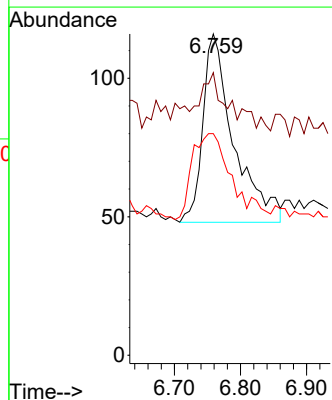
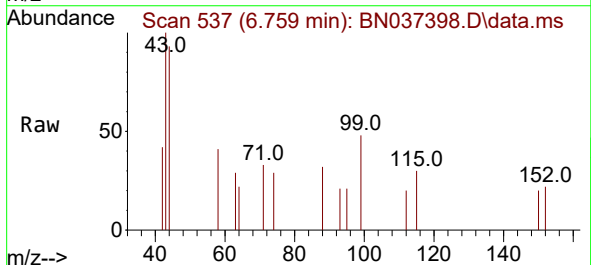
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250617

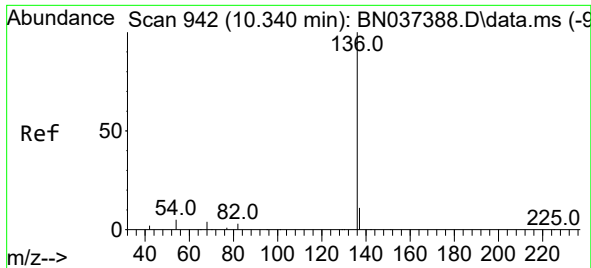
Tgt Ion:112 Resp: 412
Ion Ratio Lower Upper
112 100
64 49.8 40.3 60.5
63 37.4 26.1 39.1



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.759 min Scan# 537
Delta R.T. 0.014 min
Lab File: BN037398.D
Acq: 26 Jun 2025 17:54

Tgt Ion: 99 Resp: 221
Ion Ratio Lower Upper
99 100
42 16.3 15.6 23.4
71 53.4 35.8 53.8

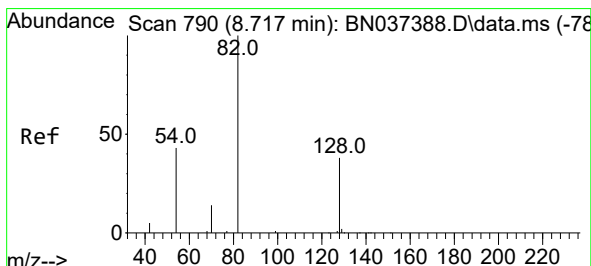
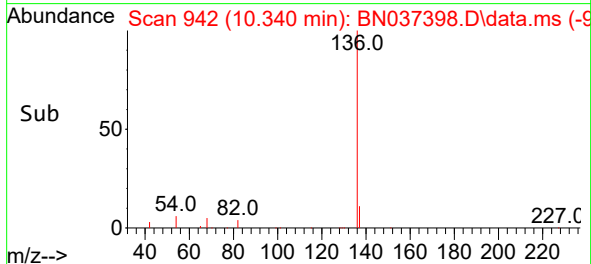
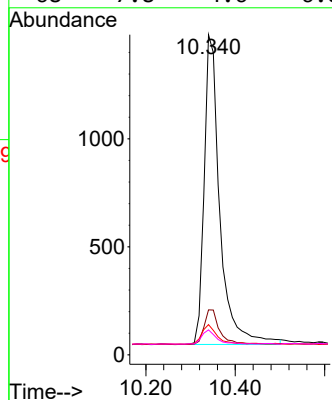
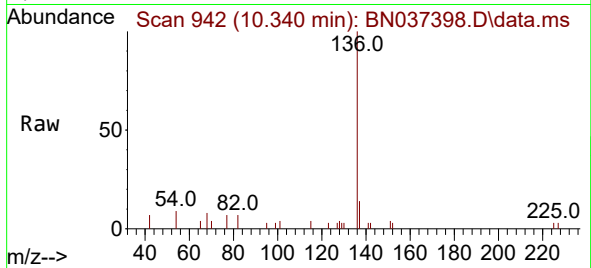




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037398.D
Acq: 26 Jun 2025 17:54

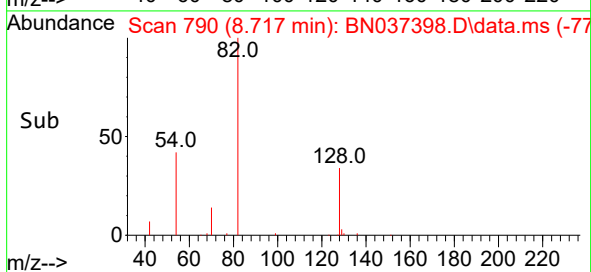
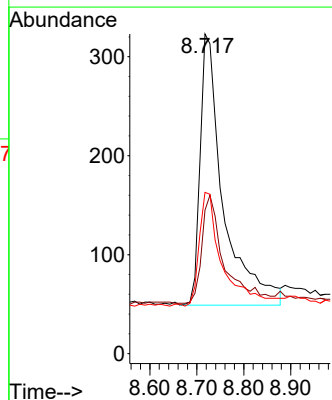
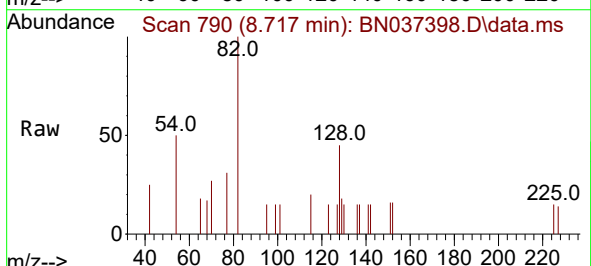
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250617

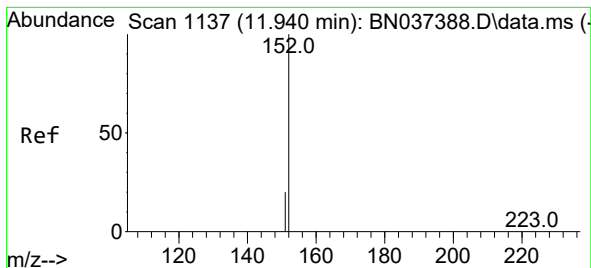
Tgt Ion:	136	Resp:	3476
Ion	Ratio	Lower	Upper
136	100		
137	14.0	10.4	15.6
54	9.4	5.6	8.4#
68	7.8	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN037398.D
Acq: 26 Jun 2025 17:54

Tgt Ion:	82	Resp:	940
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	50.5	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 11.940 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BN037398.D

Acq: 26 Jun 2025 17:54

Instrument :

BNA_N

ClientSampleId :

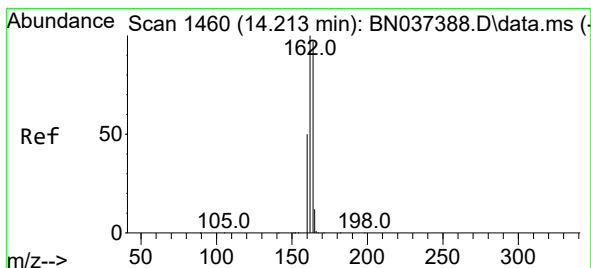
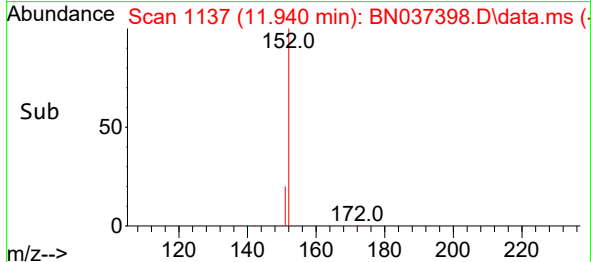
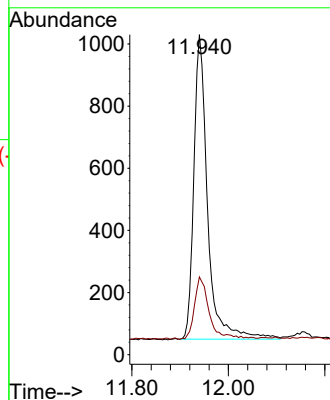
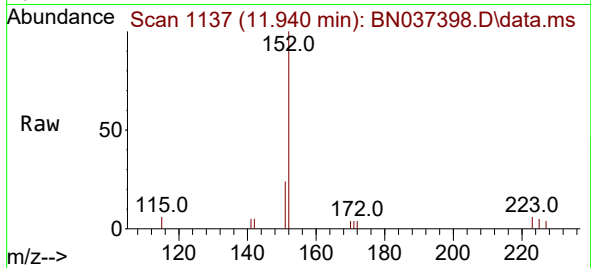
RW8-MW01D1-20250617

Tgt Ion:152 Resp: 1933

Ion Ratio Lower Upper

152 100

151 20.7 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: BN037398.D

Acq: 26 Jun 2025 17:54

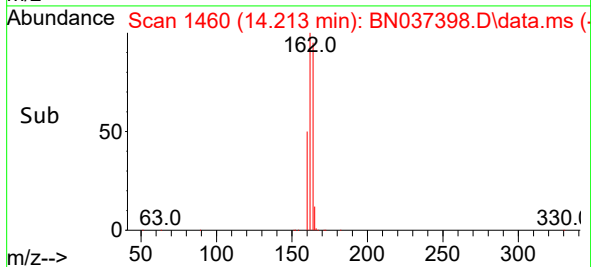
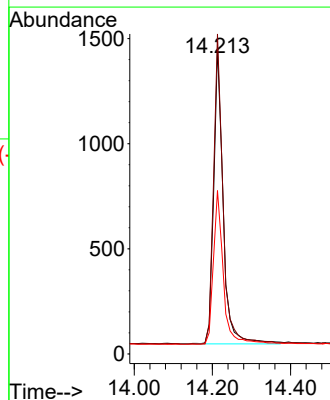
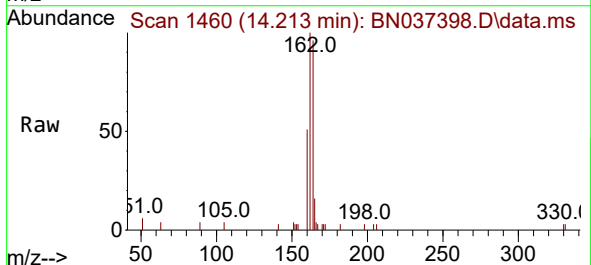
Tgt Ion:164 Resp: 2375

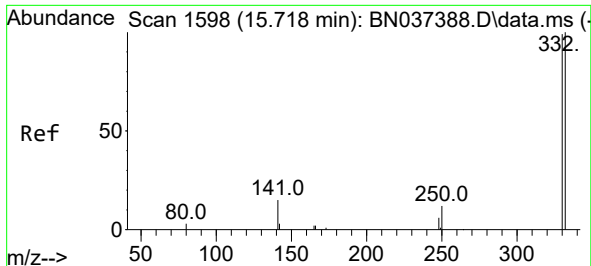
Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

160 53.4 42.2 63.2

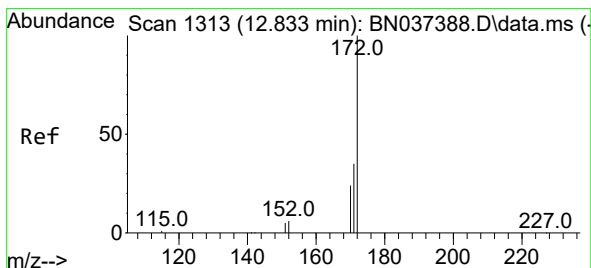
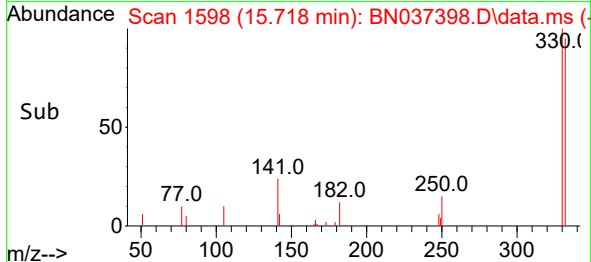
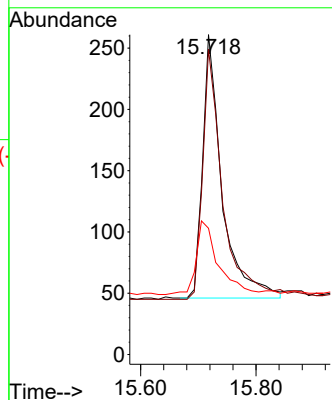
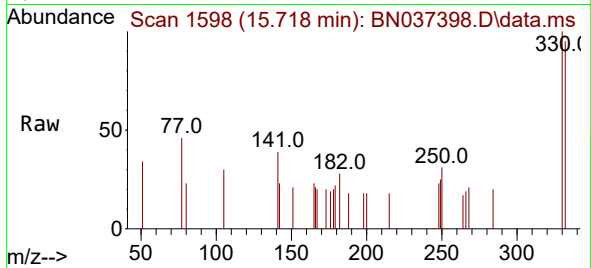




#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037398.D
Acq: 26 Jun 2025 17:54

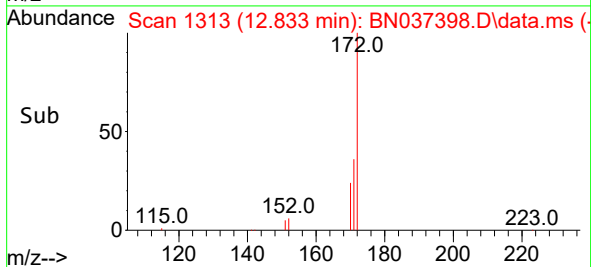
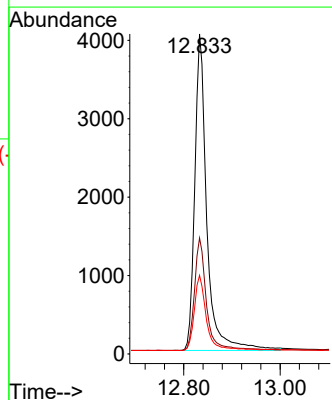
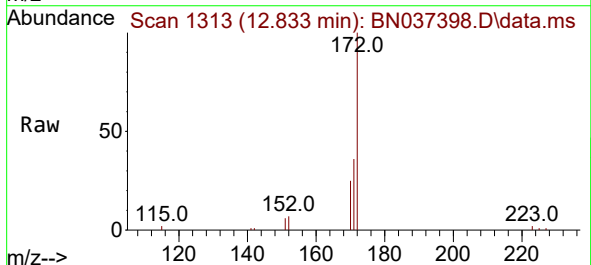
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ClientSampleId :
RW8-MW01D1-20250617

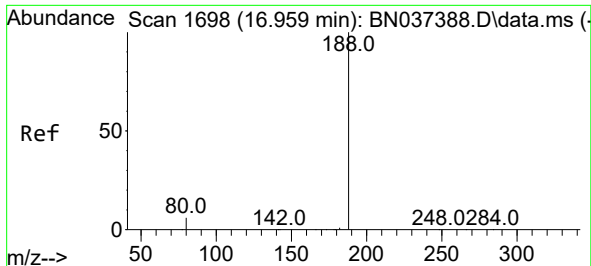
Tgt Ion: 330 Resp: 502
Ion Ratio Lower Upper
330 100
332 99.4 77.8 116.8
141 31.7 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.682 ng
RT: 12.833 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN037398.D
Acq: 26 Jun 2025 17:54

Tgt Ion: 172 Resp: 6992
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.6 20.3 30.5

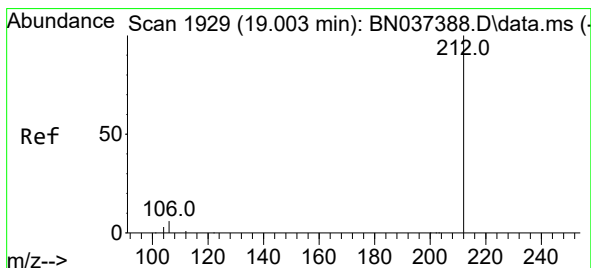
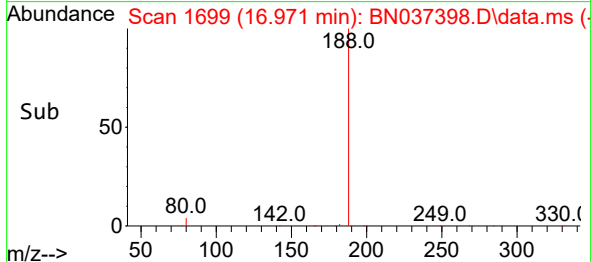
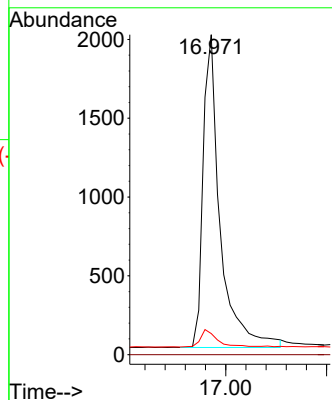
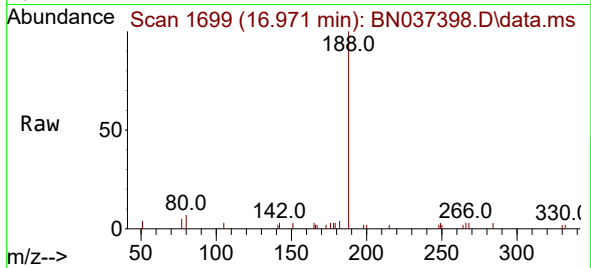




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037398.D
Acq: 26 Jun 2025 17:54

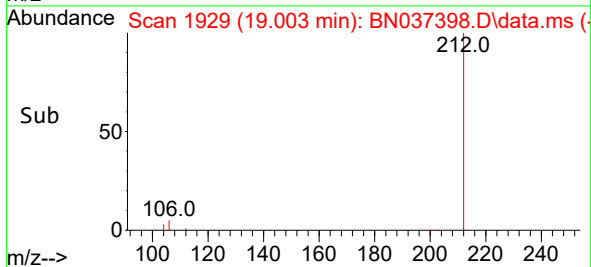
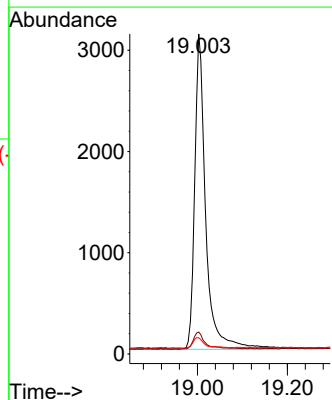
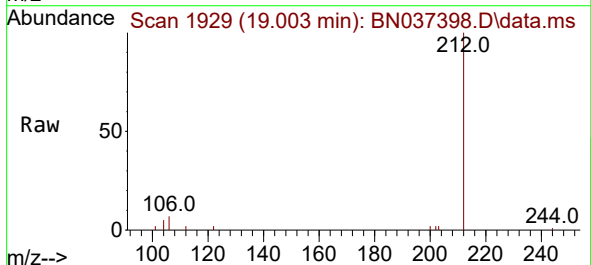
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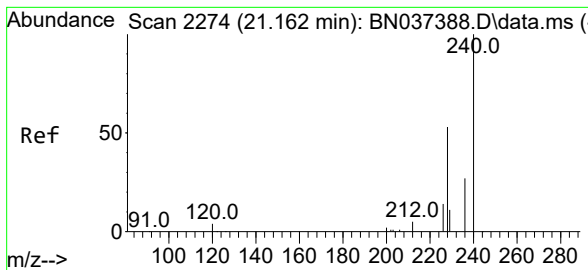
Tgt Ion:188 Resp: 4640
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037398.D
Acq: 26 Jun 2025 17:54

Tgt Ion:212 Resp: 5322
Ion Ratio Lower Upper
212 100
106 5.7 4.5 6.7
104 3.5 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: BN037398.D

Acq: 26 Jun 2025 17:54

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20250617

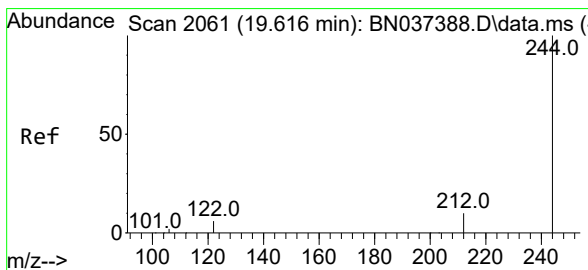
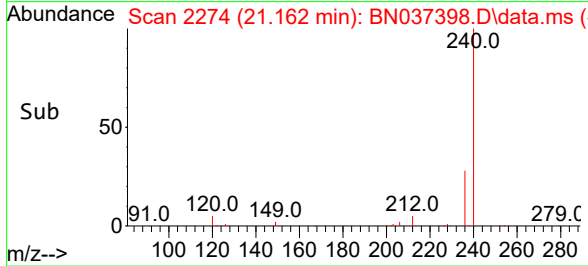
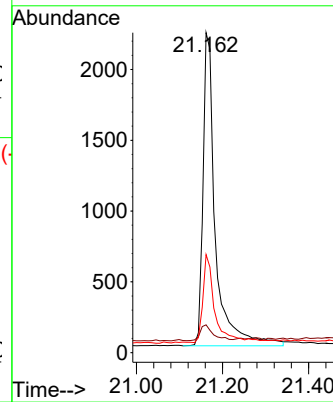
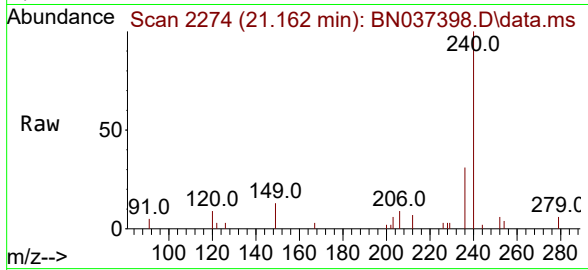
Tgt Ion:240 Resp: 4434

Ion Ratio Lower Upper

240 100

120 8.7 5.3 7.9#

236 30.7 22.7 34.1



#31

Terphenyl-d14

Concen: 0.482 ng

RT: 19.611 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037398.D

Acq: 26 Jun 2025 17:54

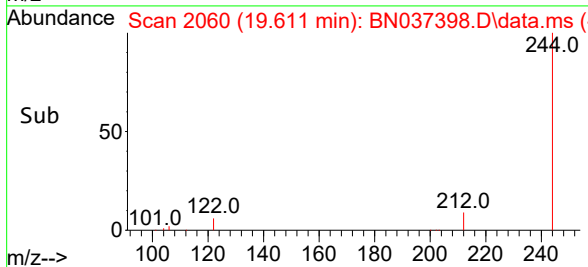
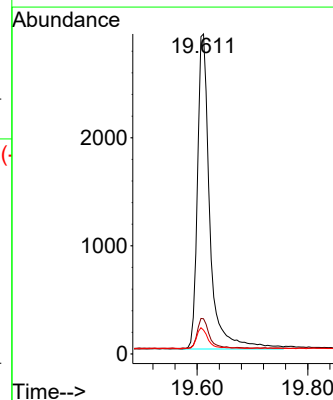
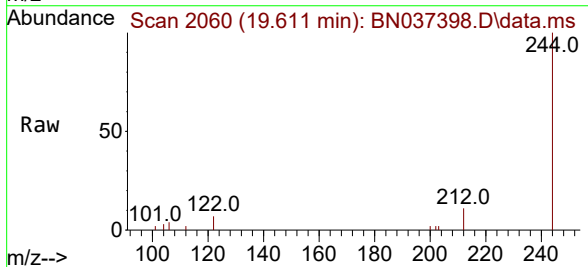
Tgt Ion:244 Resp: 4554

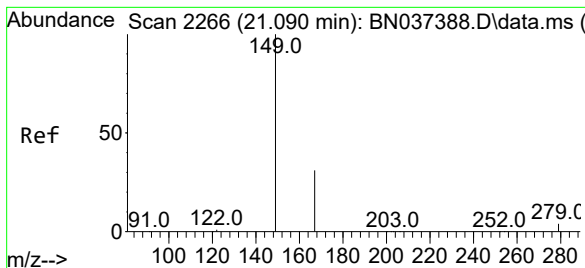
Ion Ratio Lower Upper

244 100

212 11.0 9.1 13.7

122 7.4 6.3 9.5





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.088 ng

RT: 21.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037398.D

Acq: 26 Jun 2025 17:54

Instrument :

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ClientSampleId :

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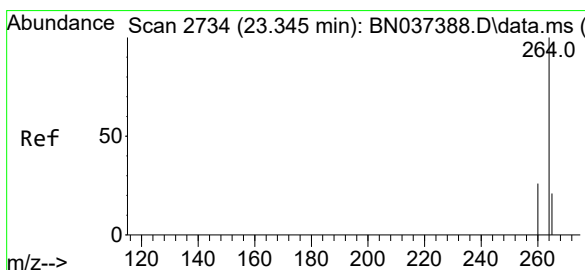
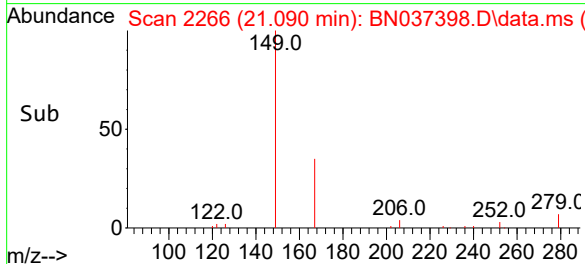
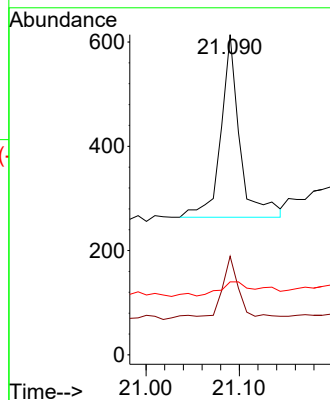
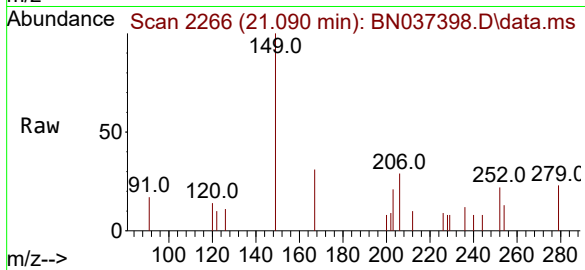
Tgt Ion:149 Resp: 488

Ion Ratio Lower Upper

149 100

167 25.6 24.8 37.2

279 11.7 5.0 7.6#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.348 min Scan# 2735

Delta R.T. 0.003 min

Lab File: BN037398.D

Acq: 26 Jun 2025 17:54

Tgt Ion:264 Resp: 4454

Ion Ratio Lower Upper

264 100

260 27.0 21.4 32.0

265 85.5 56.2 84.4#

