

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037397.D
 Acq On : 26 Jun 2025 17:18
 Operator : RC/JU
 Sample : Q2345-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT150S1-20250617

Quant Time: Jun 26 17:46:03 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)

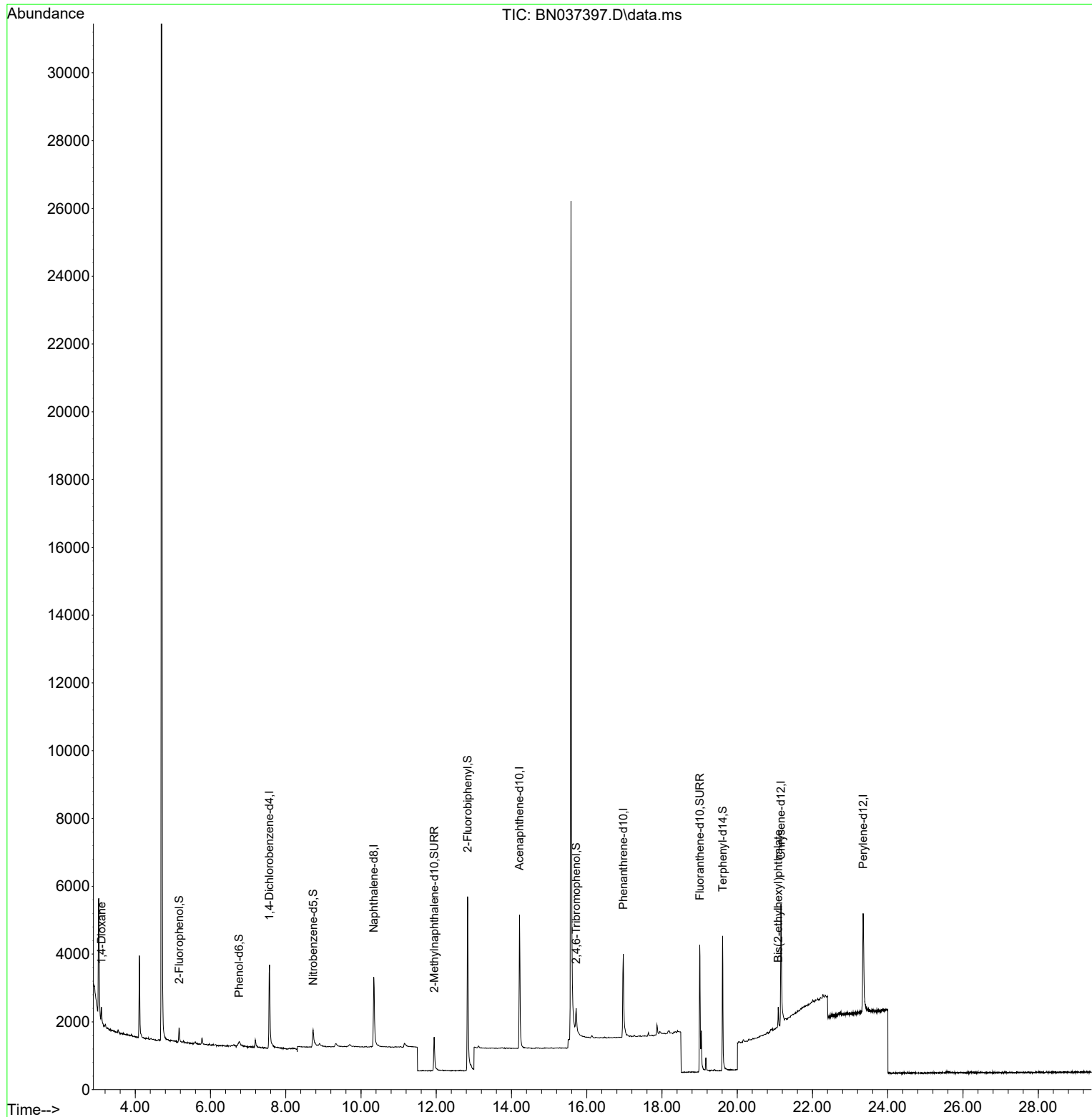
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1586	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3605	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2491	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	4999	0.400	ng	0.01
29) Chrysene-d12	21.162	240	4478	0.400	ng	# 0.00
35) Perylene-d12	23.345	264	4562	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	381	0.125	ng	0.00
5) Phenol-d6	6.759	99	193	0.061	ng	0.01
8) Nitrobenzene-d5	8.728	82	835	0.289	ng	0.01
11) 2-Methylnaphthalene-d10	11.945	152	1819	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	582	0.398	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	5878	0.547	ng	0.00
27) Fluoranthene-d10	19.003	212	5568	0.389	ng	0.00
31) Terphenyl-d14	19.611	244	4672	0.489	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	361	0.240	ng	# 66
34) Bis(2-ethylhexyl)phtha...	21.090	149	479	0.086	ng	# 95

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

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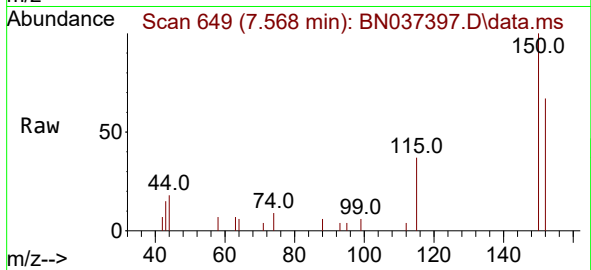
Quant Time: Jun 26 17:46:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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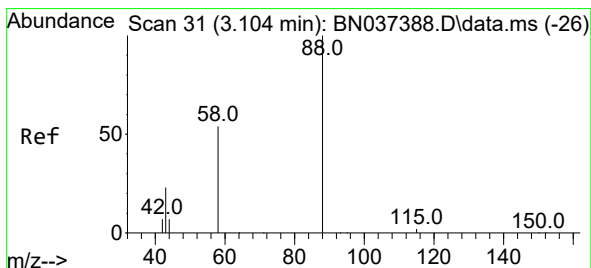
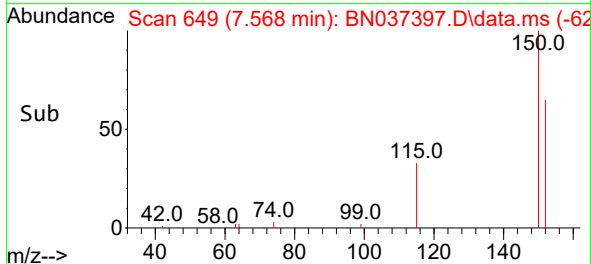
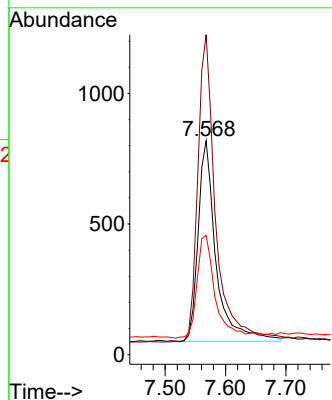


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037397.D
 Acq: 26 Jun 2025 17:18

Instrument :
 BNA_N
 ClientSampleId :
 TT150S1-20250617

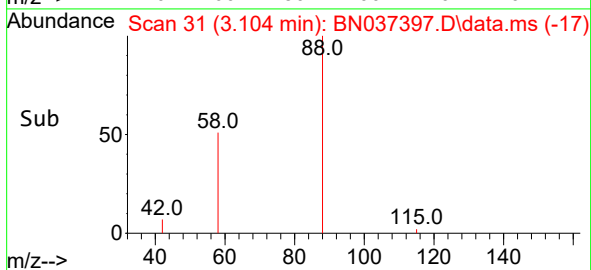
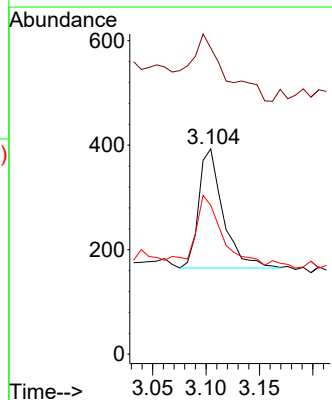
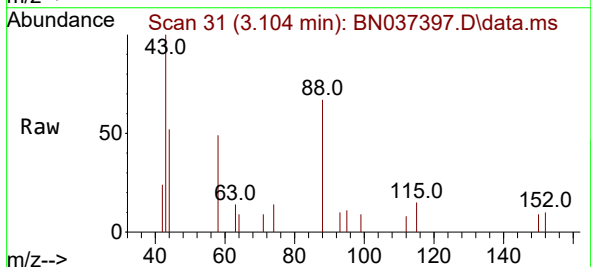


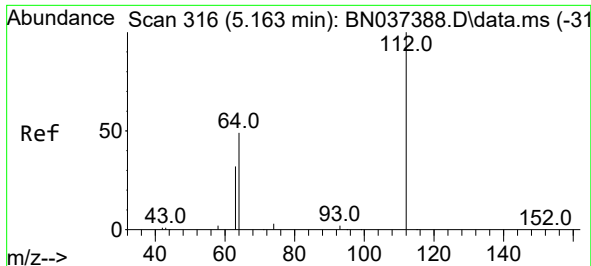
Tgt Ion:152 Resp: 1586
 Ion Ratio Lower Upper
 152 100
 150 149.6 116.2 174.2
 115 55.8 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.240 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037397.D
 Acq: 26 Jun 2025 17:18

Tgt Ion: 88 Resp: 361
 Ion Ratio Lower Upper
 88 100
 43 77.0 21.6 32.4#
 58 60.7 45.9 68.9

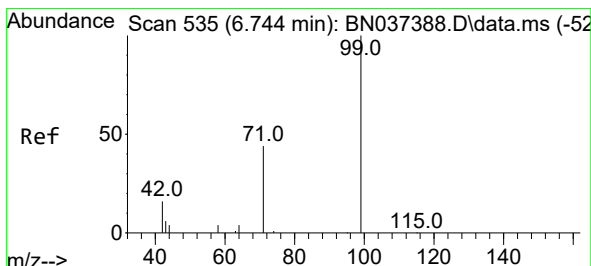
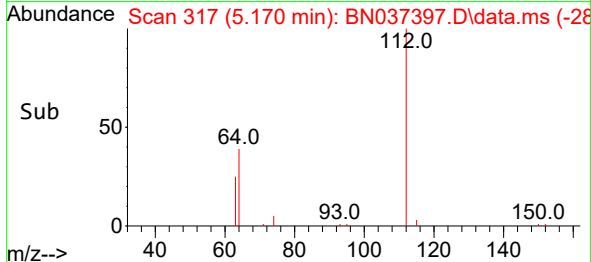
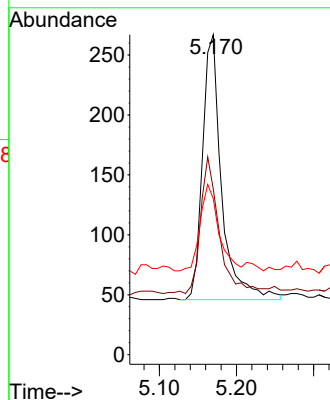
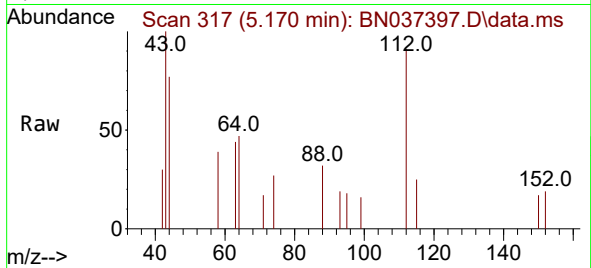




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.170 min Scan# 316
Delta R.T. 0.007 min
Lab File: BN037397.D
Acq: 26 Jun 2025 17:18

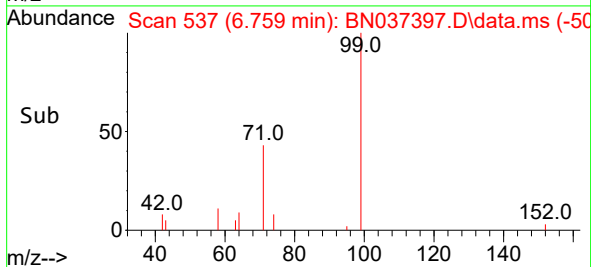
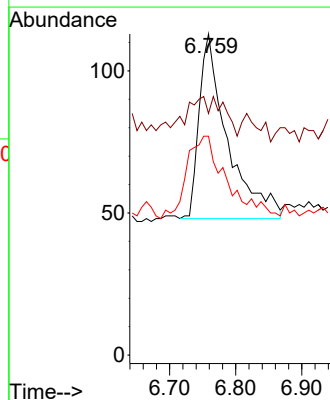
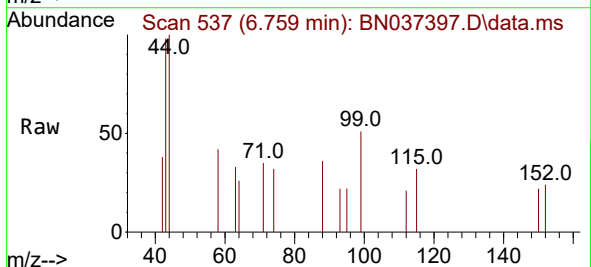
Instrument :
BNA_N
ClientSampleId :
TT150S1-20250617

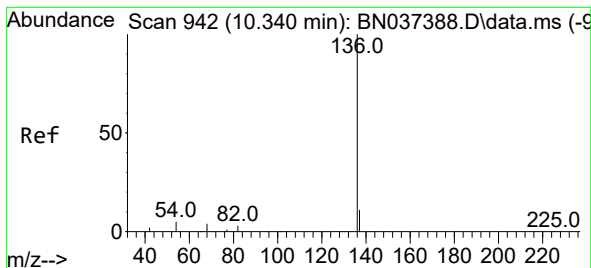
Tgt Ion:112 Resp: 381
Ion Ratio Lower Upper
112 100
64 50.7 40.3 60.5
63 31.5 26.1 39.1



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.759 min Scan# 537
Delta R.T. 0.014 min
Lab File: BN037397.D
Acq: 26 Jun 2025 17:18

Tgt Ion: 99 Resp: 193
Ion Ratio Lower Upper
99 100
42 14.5 15.6 23.4#
71 57.5 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: BN037397.D

Acq: 26 Jun 2025 17:18

Instrument :

BNA_N

ClientSampleId :

TT150S1-20250617

Tgt Ion:136 Resp: 3605

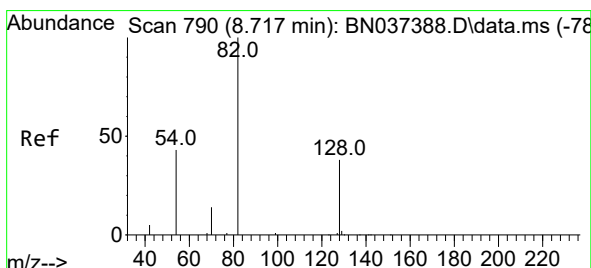
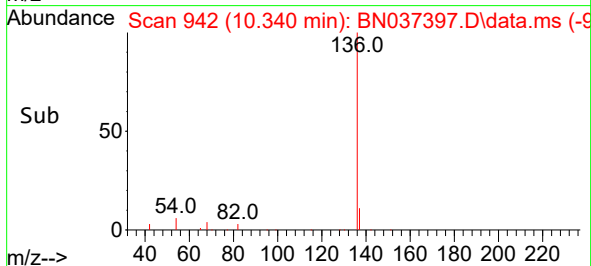
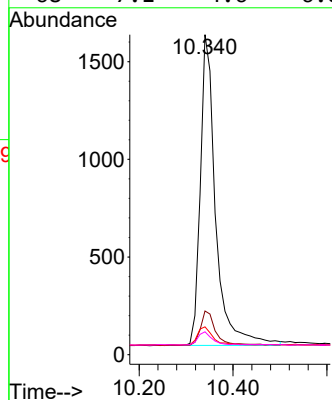
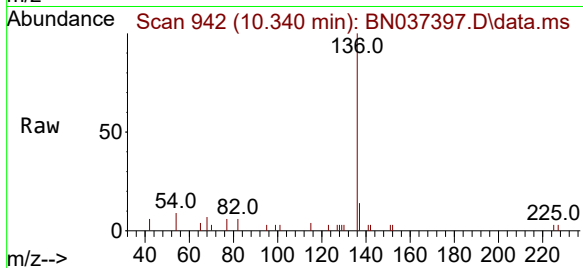
Ion Ratio Lower Upper

136 100

137 13.7 10.4 15.6

54 8.7 5.6 8.4#

68 7.1 4.6 6.8#



#8

Nitrobenzene-d5

Concen: 0.289 ng

RT: 8.728 min Scan# 791

Delta R.T. 0.011 min

Lab File: BN037397.D

Acq: 26 Jun 2025 17:18

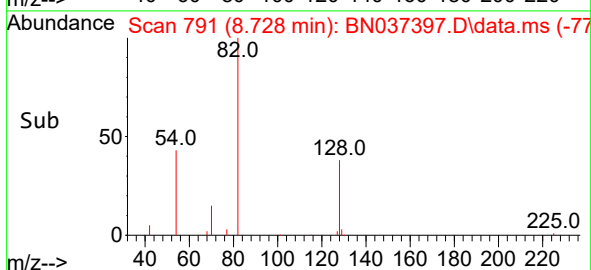
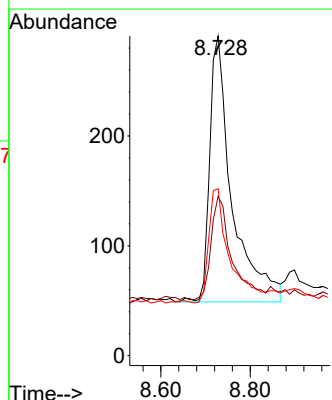
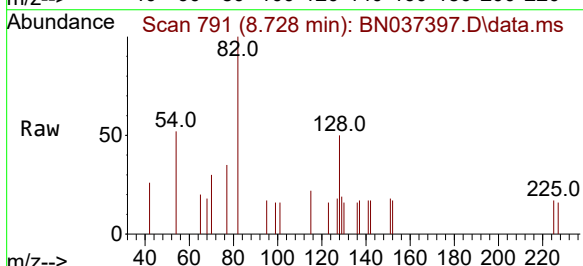
Tgt Ion: 82 Resp: 835

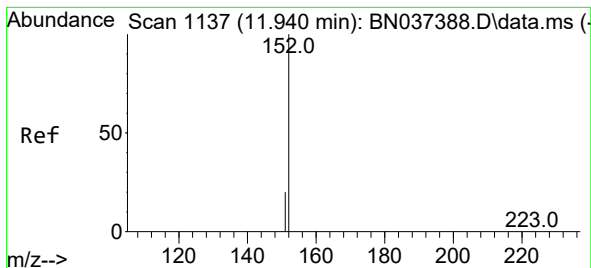
Ion Ratio Lower Upper

82 100

128 49.8 34.0 51.0

54 52.2 37.7 56.5

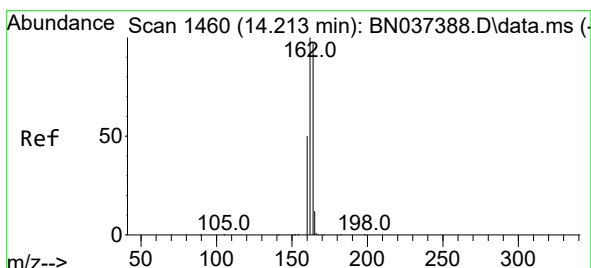
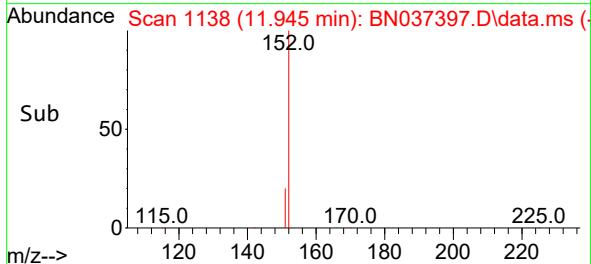
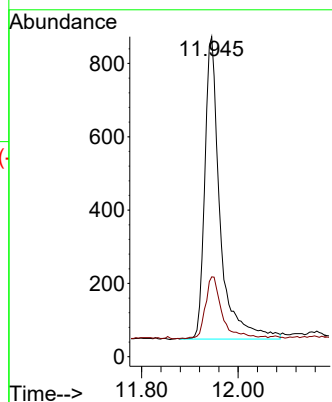
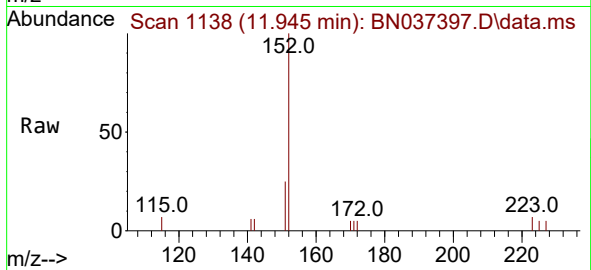




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.945 min Scan# 1137
Delta R.T. 0.005 min
Lab File: BN037397.D
Acq: 26 Jun 2025 17:18

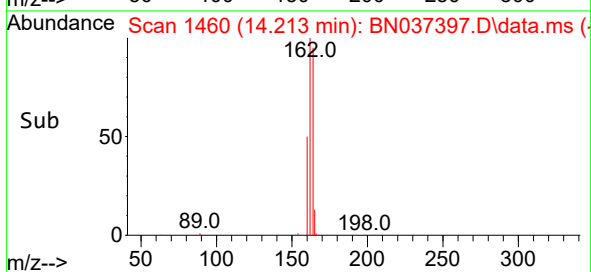
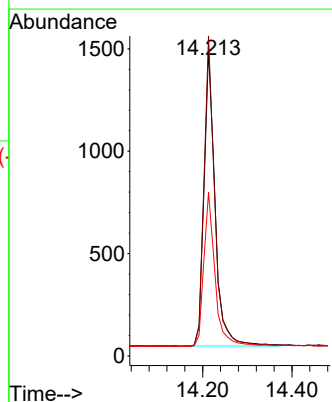
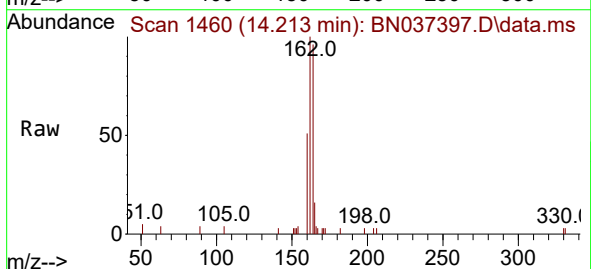
Instrument :
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ClientSampleId :
TT150S1-20250617

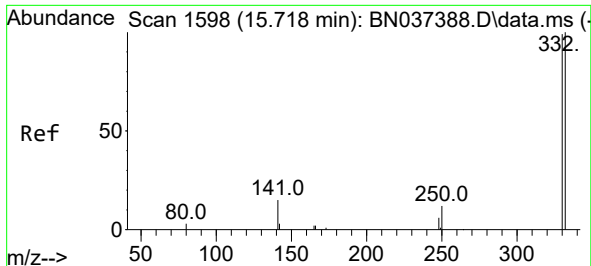
Tgt Ion:152 Resp: 1819
Ion Ratio Lower Upper
152 100
151 22.4 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037397.D
Acq: 26 Jun 2025 17:18

Tgt Ion:164 Resp: 2491
Ion Ratio Lower Upper
164 100
162 104.7 82.6 123.8
160 53.5 42.2 63.2

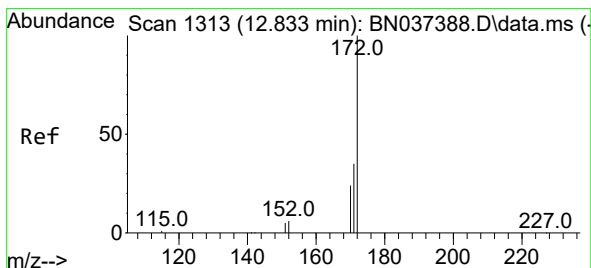
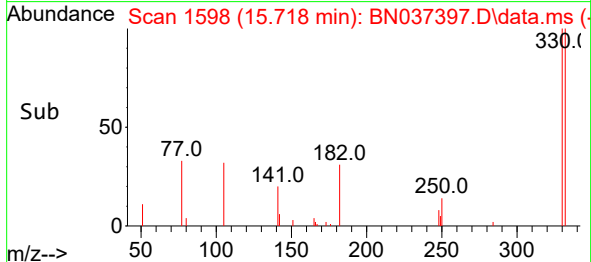
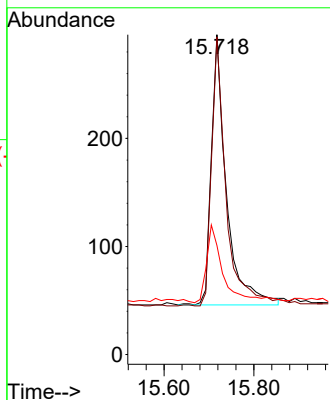
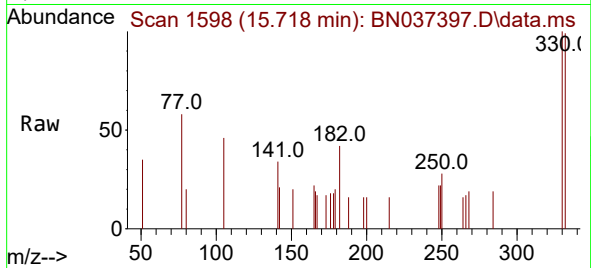




#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037397.D
Acq: 26 Jun 2025 17:18

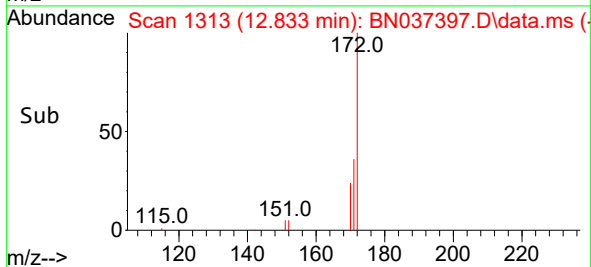
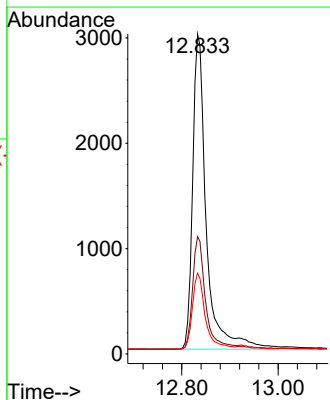
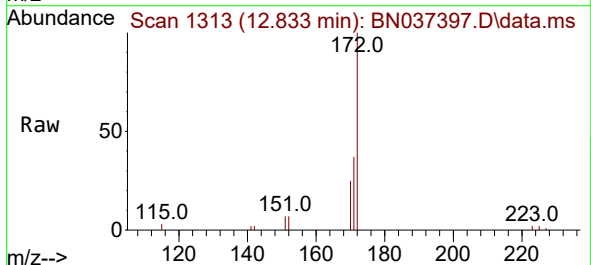
Instrument :
BNA_N
ClientSampleId :
TT150S1-20250617

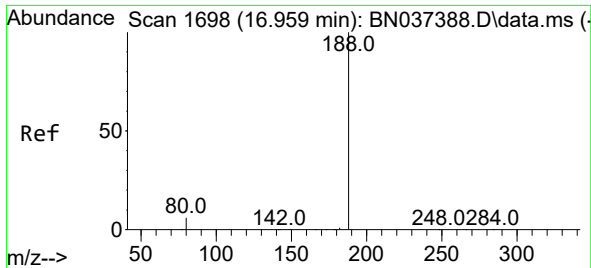
Tgt Ion:330 Resp: 582
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 32.3 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.547 ng
RT: 12.833 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN037397.D
Acq: 26 Jun 2025 17:18

Tgt Ion:172 Resp: 5878
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 25.3 20.3 30.5

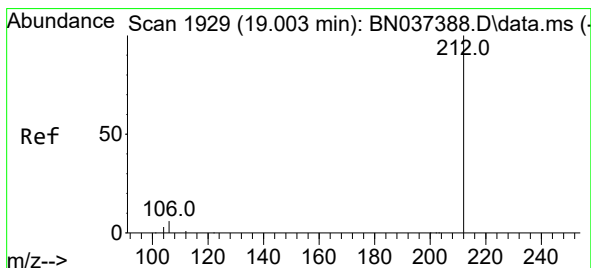
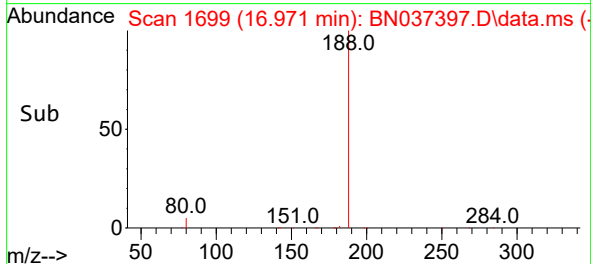
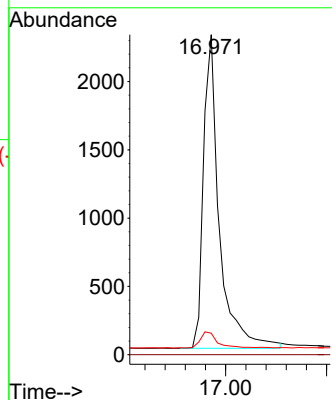
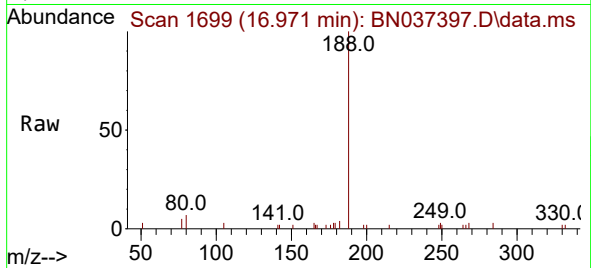




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037397.D
Acq: 26 Jun 2025 17:18

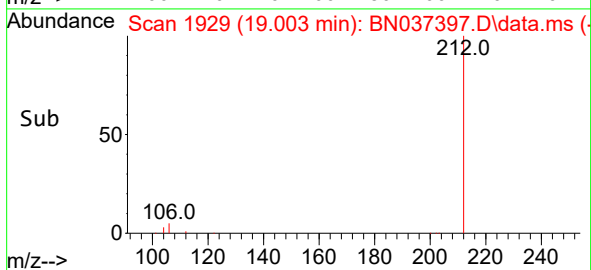
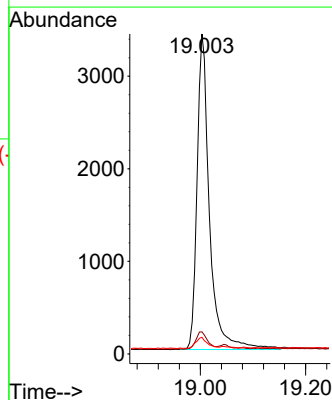
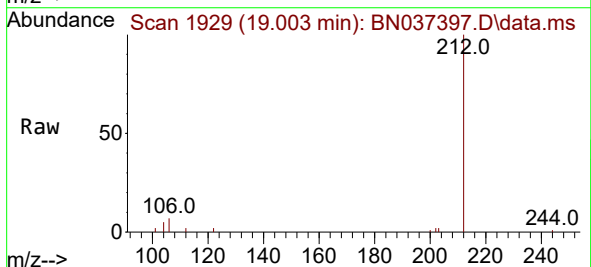
Instrument :
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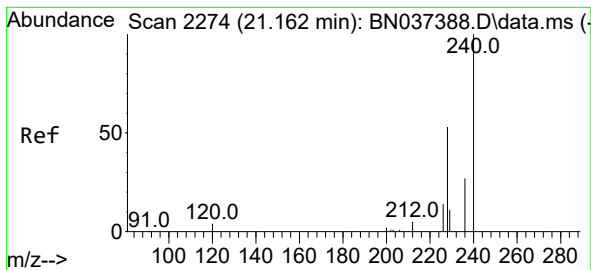
Tgt Ion:188 Resp: 4999
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037397.D
Acq: 26 Jun 2025 17:18

Tgt Ion:212 Resp: 5568
Ion Ratio Lower Upper
212 100
106 5.2 4.5 6.7
104 3.2 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: BN037397.D

Acq: 26 Jun 2025 17:18

Instrument :

BNA_N

ClientSampleId :

TT150S1-20250617

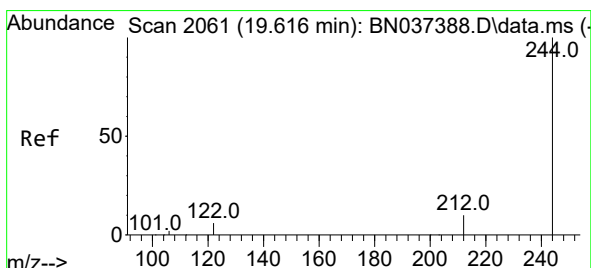
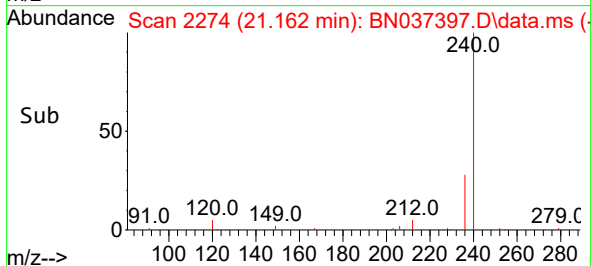
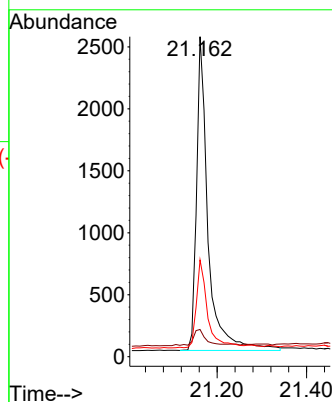
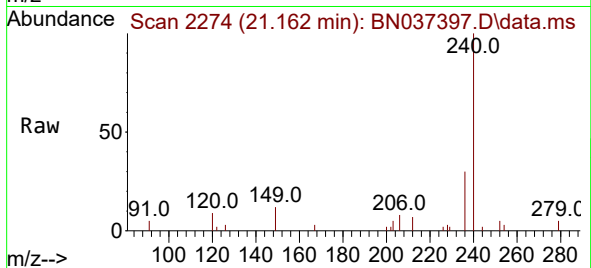
Tgt Ion:240 Resp: 4478

Ion Ratio Lower Upper

240 100

120 8.5 5.3 7.9#

236 30.3 22.7 34.1



#31

Terphenyl-d14

Concen: 0.489 ng

RT: 19.611 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037397.D

Acq: 26 Jun 2025 17:18

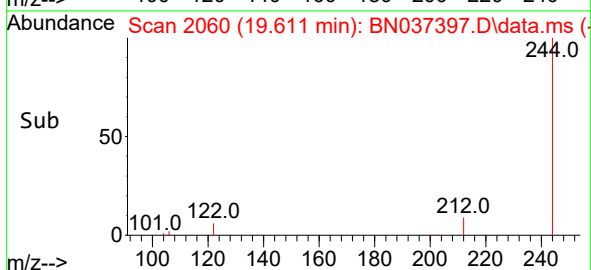
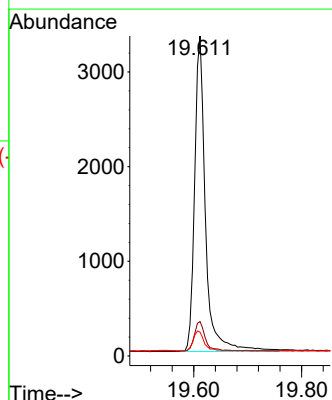
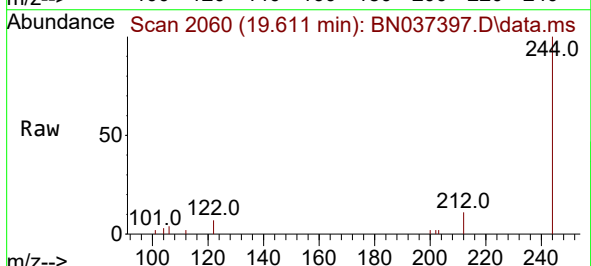
Tgt Ion:244 Resp: 4672

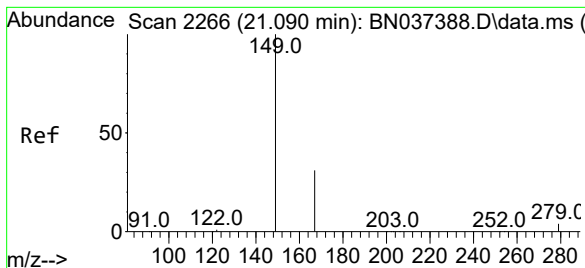
Ion Ratio Lower Upper

244 100

212 10.8 9.1 13.7

122 7.5 6.3 9.5

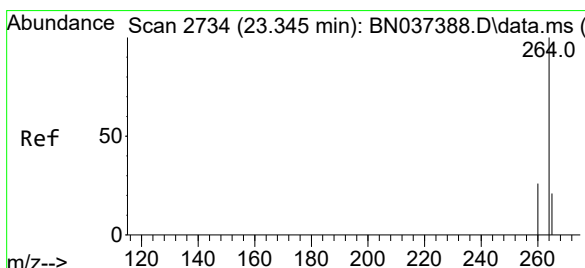
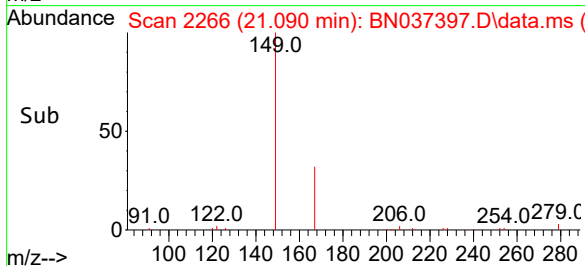
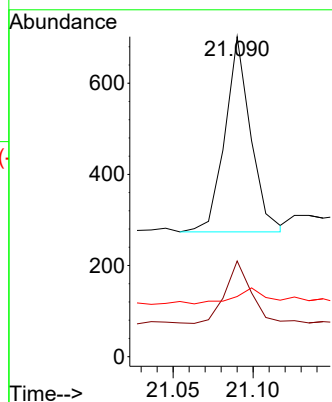
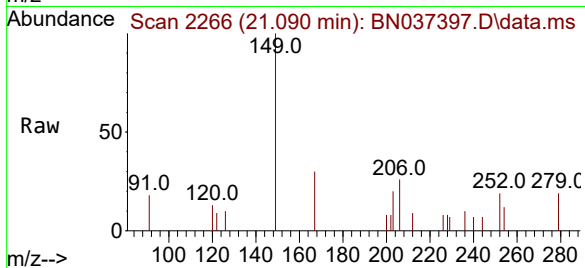




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.090 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: BN037397.D
 Acq: 26 Jun 2025 17:18

Instrument :
 BNA_N
 ClientSampleId :
 TT150S1-20250617

Tgt Ion:149 Resp: 479
 Ion Ratio Lower Upper
 149 100
 167 32.8 24.8 37.2
 279 11.3 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: BN037397.D
 Acq: 26 Jun 2025 17:18

Tgt Ion:264 Resp: 4562
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.4 32.0
 265 86.5 56.2 84.4#

