

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037261.D
 Acq On : 14 Jun 2025 14:35
 Operator : RC/JU
 Sample : Q2299-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250610

Quant Time: Jun 16 02:43:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

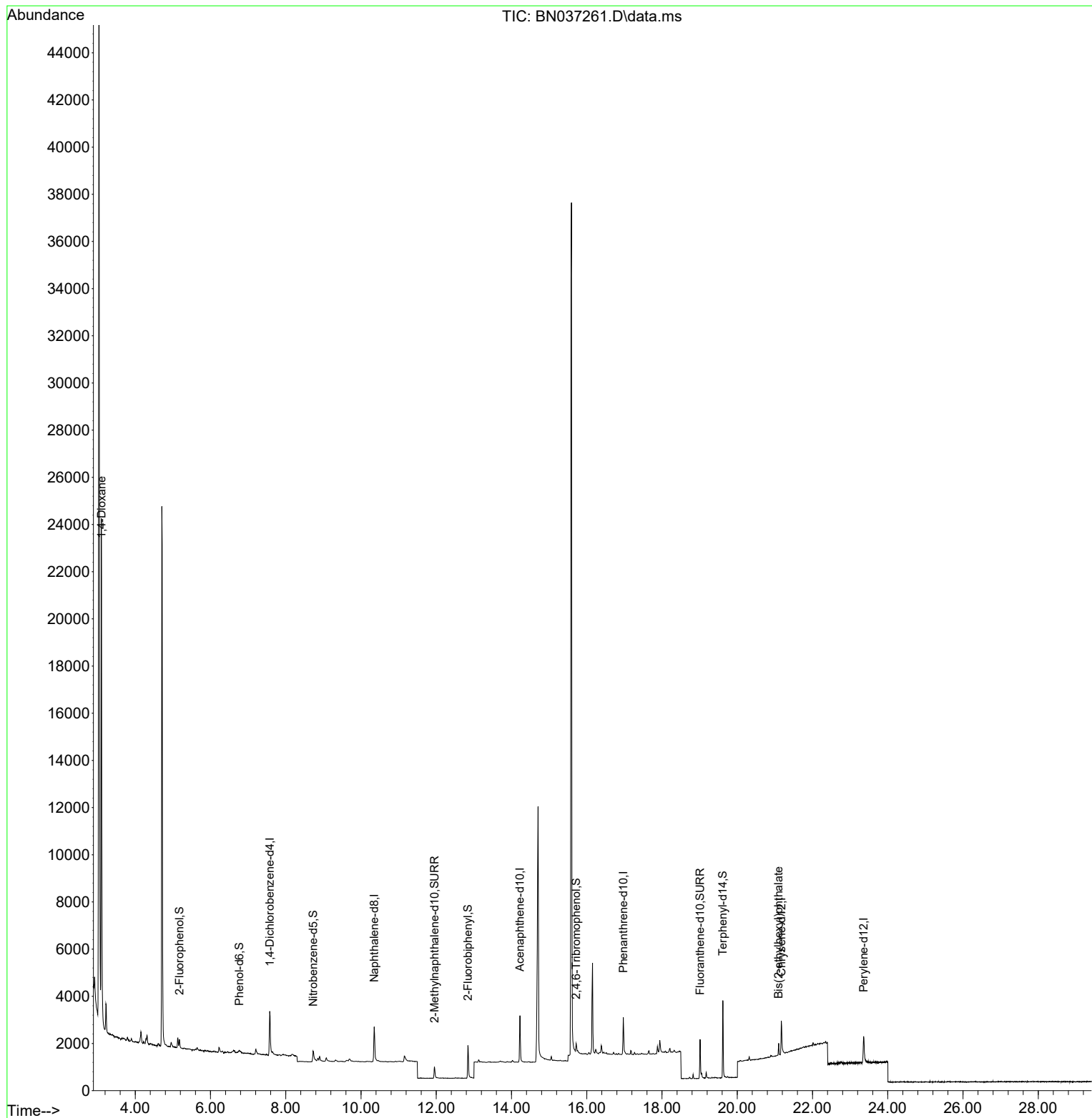
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	856	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2177	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1128	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2247	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1734	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1724	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	255	0.121	ng	0.00
5) Phenol-d6	6.766	99	127	0.057	ng	0.00
8) Nitrobenzene-d5	8.728	82	548	0.255	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	801	0.274	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	197	0.420	ng	-0.01
15) 2-Fluorobiphenyl	12.843	172	1348	0.284	ng	0.00
27) Fluoranthene-d10	19.012	212	2074	0.353	ng	0.00
31) Terphenyl-d14	19.616	244	3320	0.847	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	9919	8.446	ng	96
34) Bis(2-ethylhexyl)phtha...	21.099	149	465	0.107	ng	99

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

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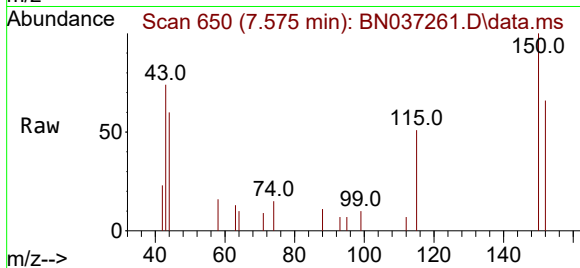
Quant Time: Jun 16 02:43:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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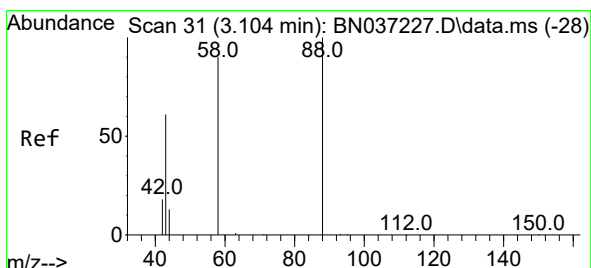
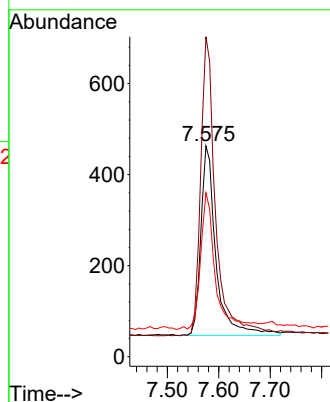
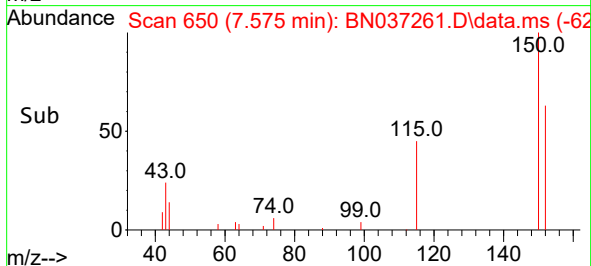


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35

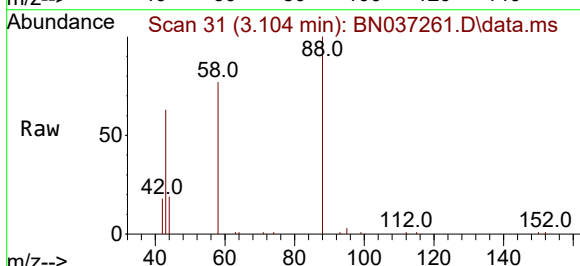
Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250610



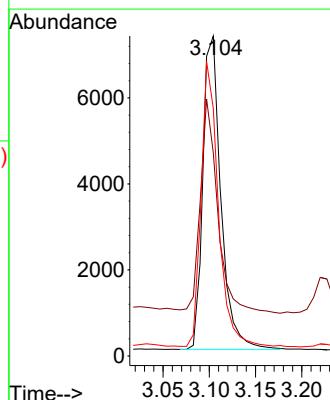
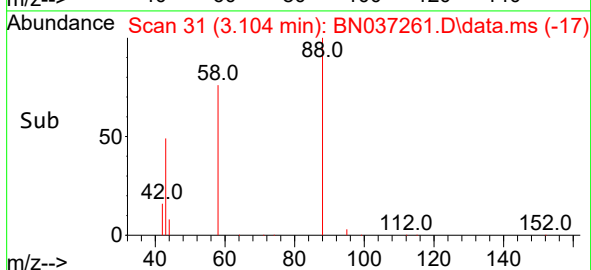
Tgt Ion:152 Resp: 856
 Ion Ratio Lower Upper
 152 100
 150 151.8 125.2 187.8
 115 77.8 58.4 87.6



#2
 1,4-Dioxane
 Concen: 8.446 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35



Tgt Ion: 88 Resp: 9919
 Ion Ratio Lower Upper
 88 100
 43 65.5 52.6 79.0
 58 86.0 73.5 110.3

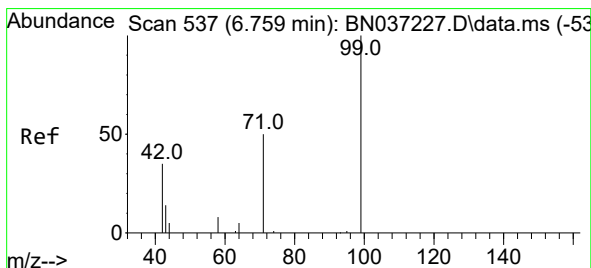
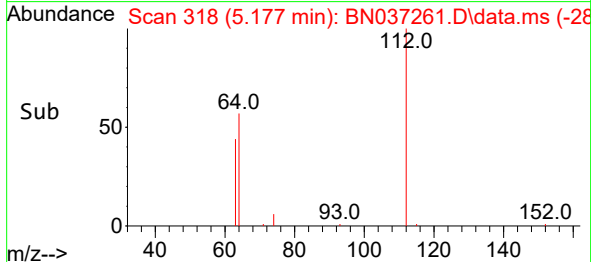
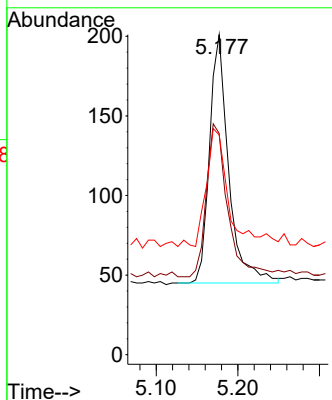
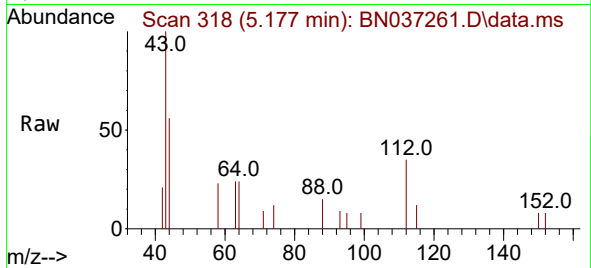




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

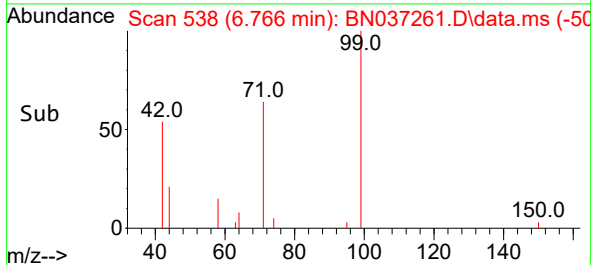
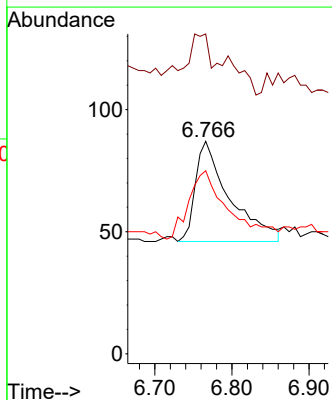
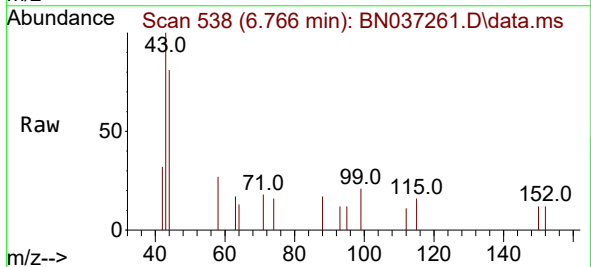
Instrument :
BNA_N
ClientSampleId :
DUP02-20250610

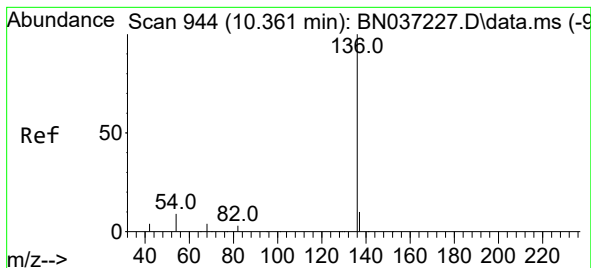
Tgt Ion:112 Resp: 255
Ion Ratio Lower Upper
112 100
64 67.8 57.2 85.8
63 61.2 39.8 59.6#



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

Tgt Ion: 99 Resp: 127
Ion Ratio Lower Upper
99 100
42 18.1 36.2 54.4#
71 78.7 42.4 63.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.351 min Scan# 944

Delta R.T. -0.011 min

Lab File: BN037261.D

Acq: 14 Jun 2025 14:35

Instrument :

BNA_N

ClientSampleId :

DUP02-20250610

Tgt Ion:136 Resp: 2177

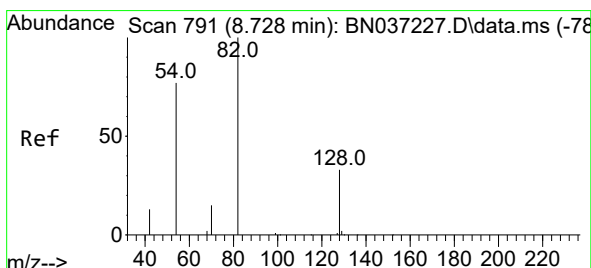
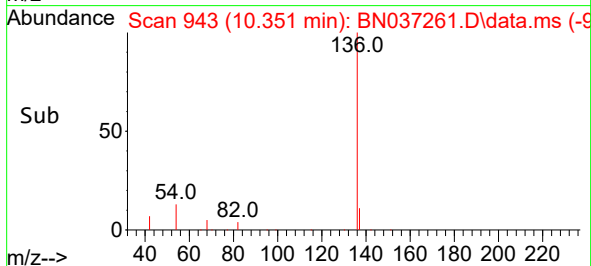
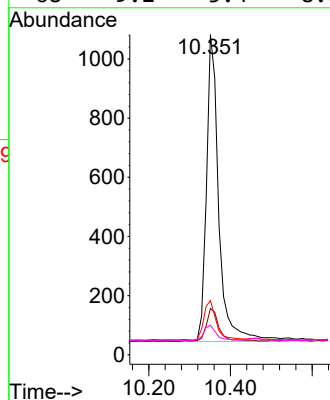
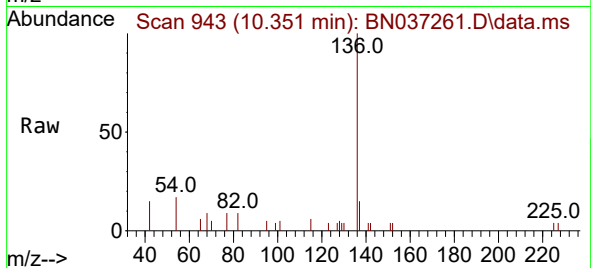
Ion Ratio Lower Upper

136 100

137 14.5 10.6 15.8

54 16.9 9.2 13.8#

68 9.2 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.255 ng

RT: 8.728 min Scan# 791

Delta R.T. 0.000 min

Lab File: BN037261.D

Acq: 14 Jun 2025 14:35

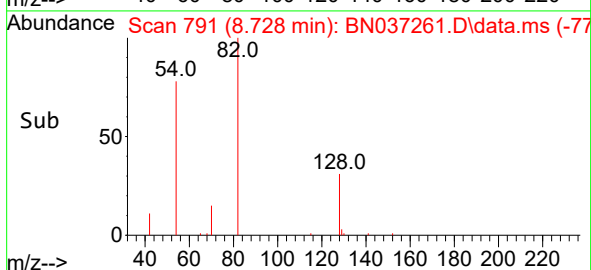
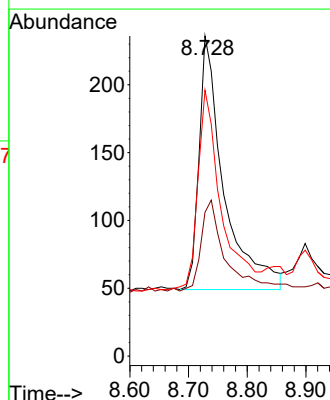
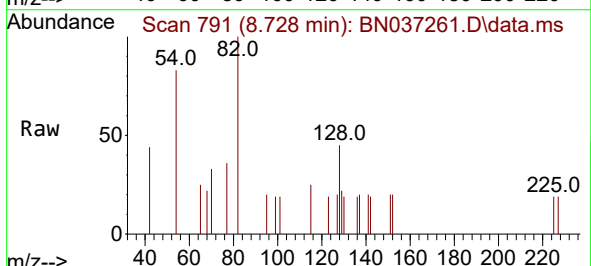
Tgt Ion: 82 Resp: 548

Ion Ratio Lower Upper

82 100

128 44.9 31.2 46.8

54 83.1 63.3 94.9

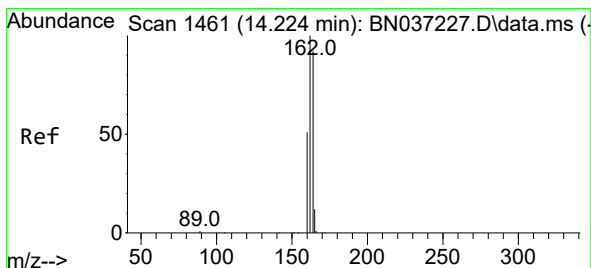
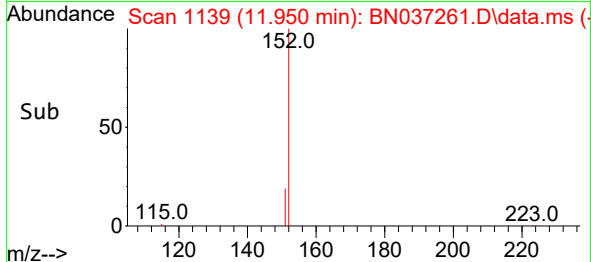
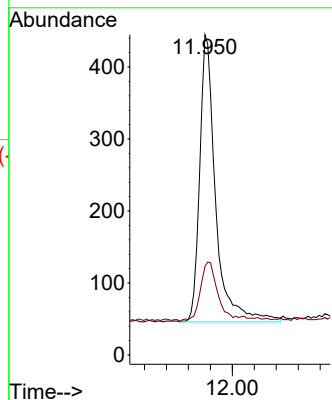
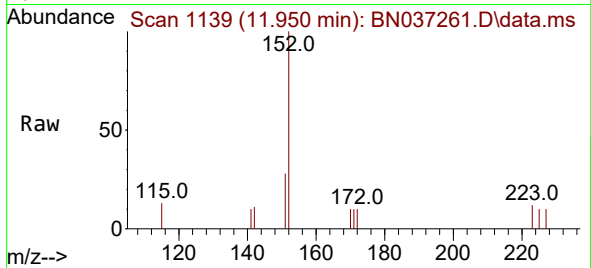




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 11.950 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

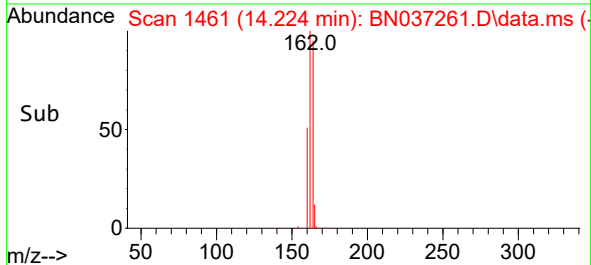
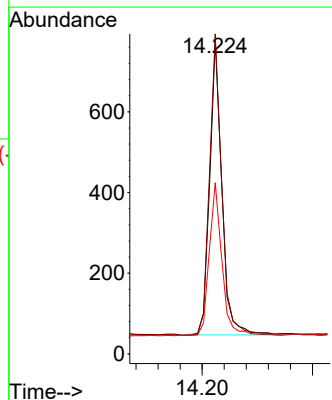
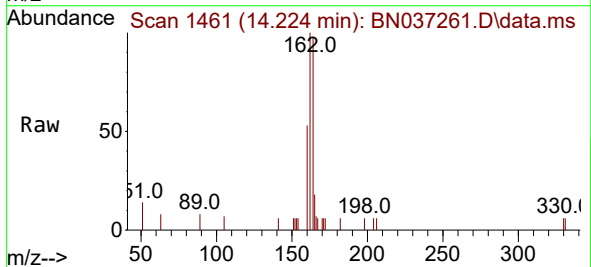
Instrument :
BNA_N
ClientSampleId :
DUP02-20250610

Tgt Ion:152 Resp: 801
Ion Ratio Lower Upper
152 100
151 22.3 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

Tgt Ion:164 Resp: 1128
Ion Ratio Lower Upper
164 100
162 102.1 86.7 130.1
160 54.6 45.8 68.6

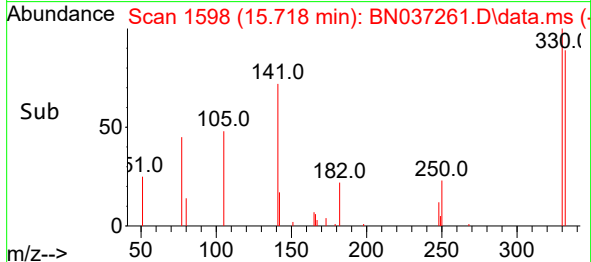
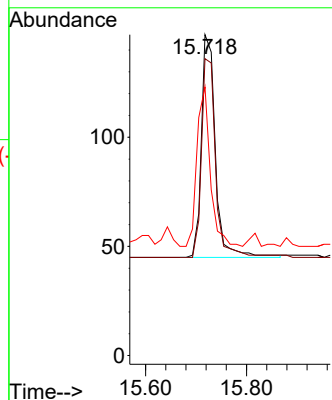
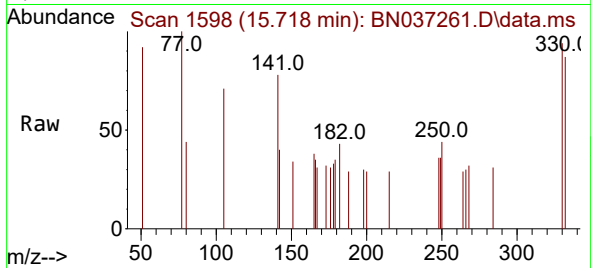




#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

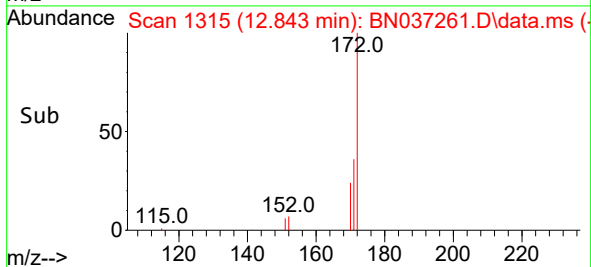
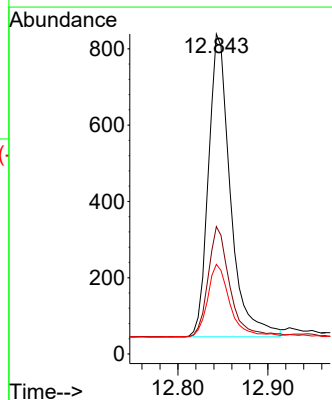
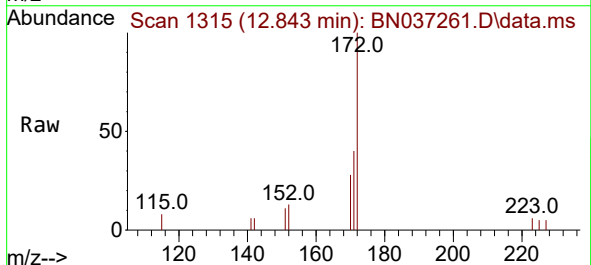
Instrument :
BNA_N
ClientSampleId :
DUP02-20250610

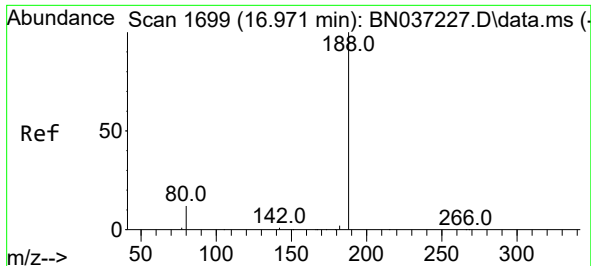
Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 90.4 74.9 112.3
141 68.0 45.1 67.7#



#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

Tgt Ion:172 Resp: 1348
Ion Ratio Lower Upper
172 100
171 39.8 29.8 44.8
170 28.0 21.1 31.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BN037261.D

Acq: 14 Jun 2025 14:35

Instrument :

BNA_N

ClientSampleId :

DUP02-20250610

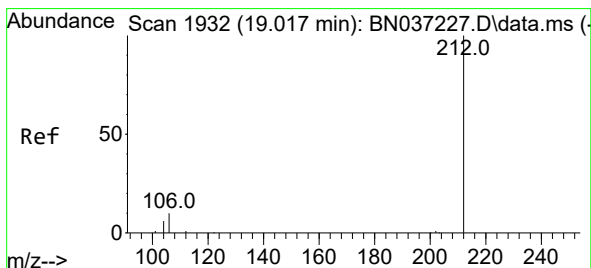
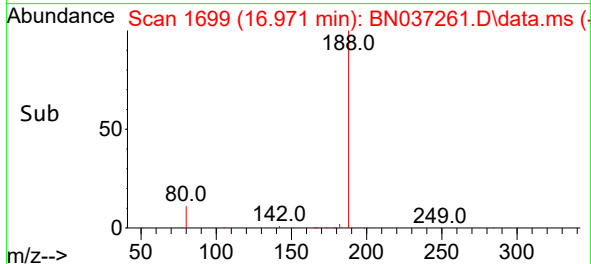
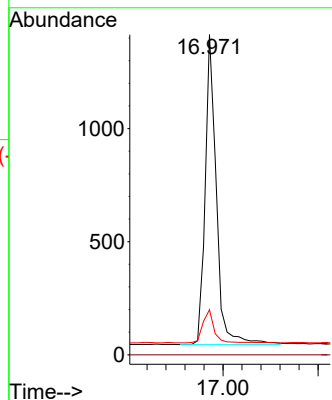
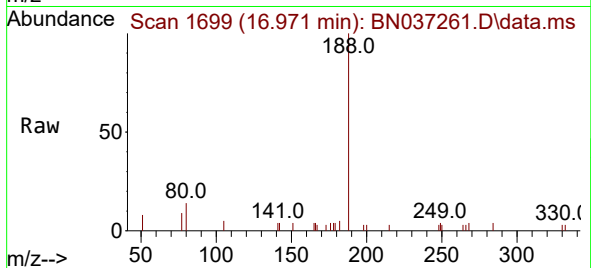
Tgt Ion:188 Resp: 2247

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 12.2 18.4



#27

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.012 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BN037261.D

Acq: 14 Jun 2025 14:35

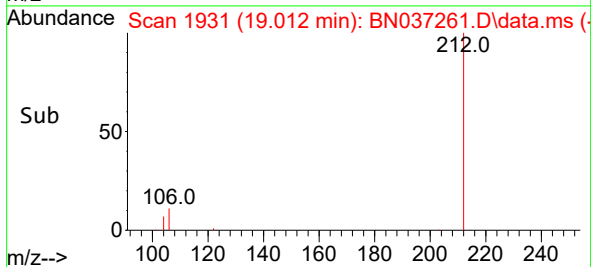
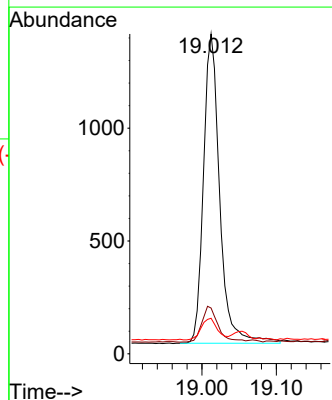
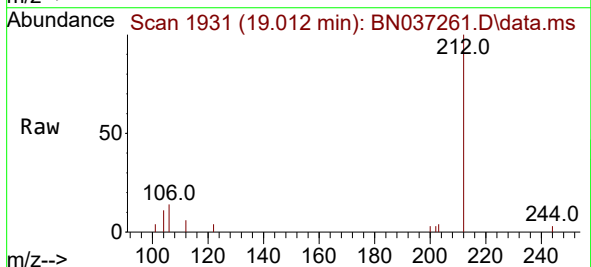
Tgt Ion:212 Resp: 2074

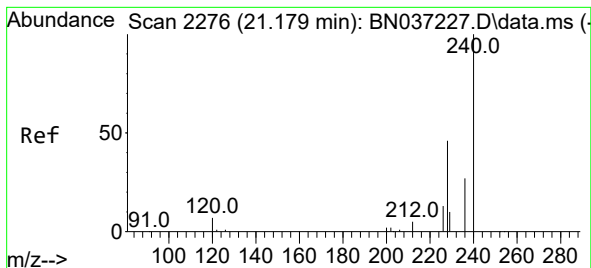
Ion Ratio Lower Upper

212 100

106 11.6 9.3 13.9

104 6.9 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037261.D

Acq: 14 Jun 2025 14:35

Instrument :

BNA_N

ClientSampleId :

DUP02-20250610

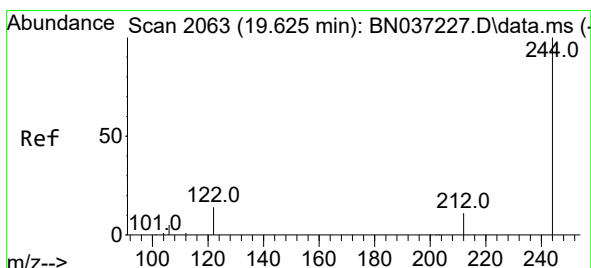
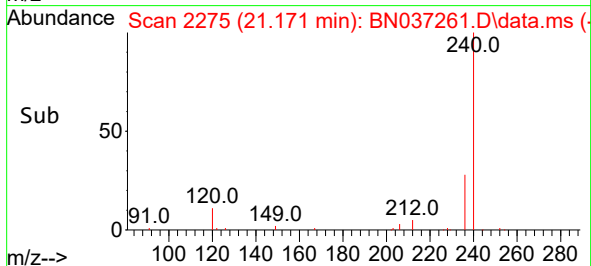
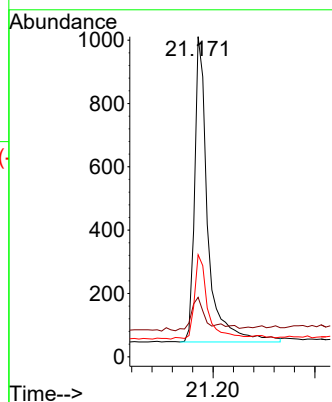
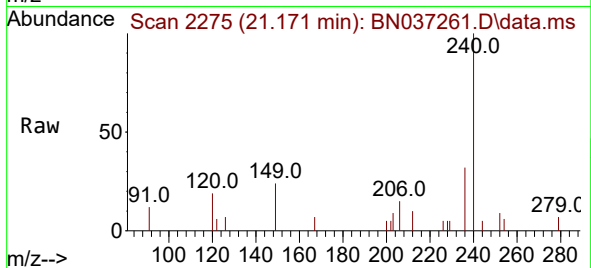
Tgt Ion:240 Resp: 1734

Ion Ratio Lower Upper

240 100

120 18.6 11.3 16.9#

236 31.8 24.4 36.6



#31

Terphenyl-d14

Concen: 0.847 ng

RT: 19.616 min Scan# 2061

Delta R.T. -0.009 min

Lab File: BN037261.D

Acq: 14 Jun 2025 14:35

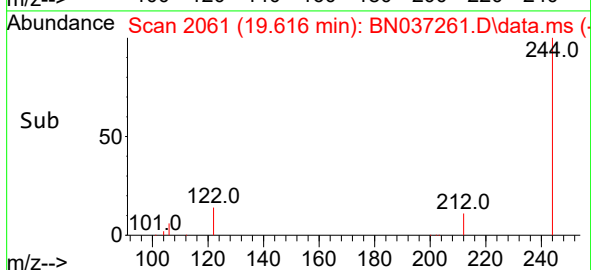
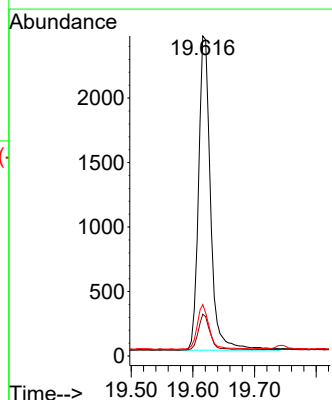
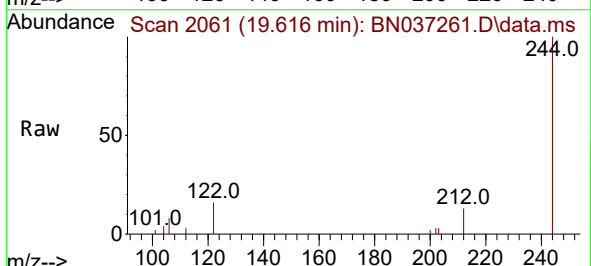
Tgt Ion:244 Resp: 3320

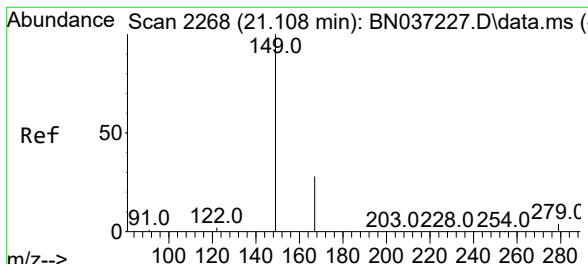
Ion Ratio Lower Upper

244 100

212 13.1 12.2 18.2

122 16.1 14.3 21.5

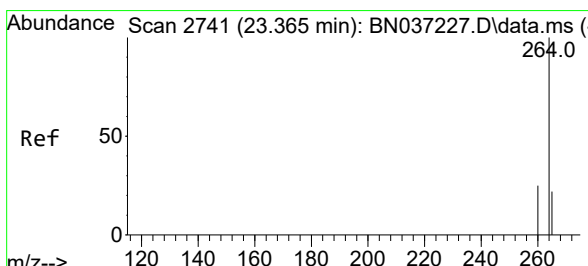
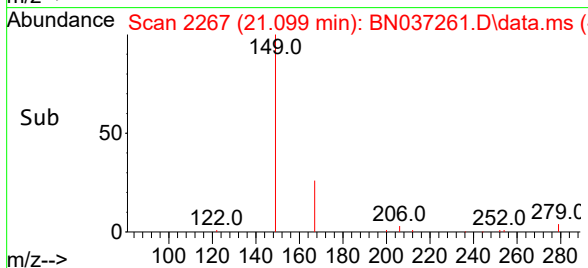
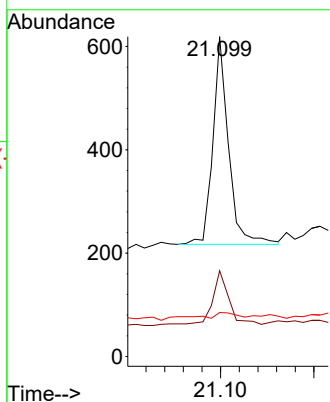
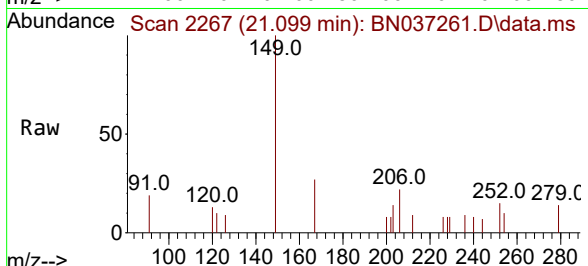




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.099 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250610

Tgt Ion:	149	Resp:	465
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.4	3.3	4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35

Tgt Ion:	264	Resp:	1724
Ion Ratio	Lower	Upper	
264	100		
260	28.0	22.8	34.2
265	94.3	66.4	99.6

