

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)

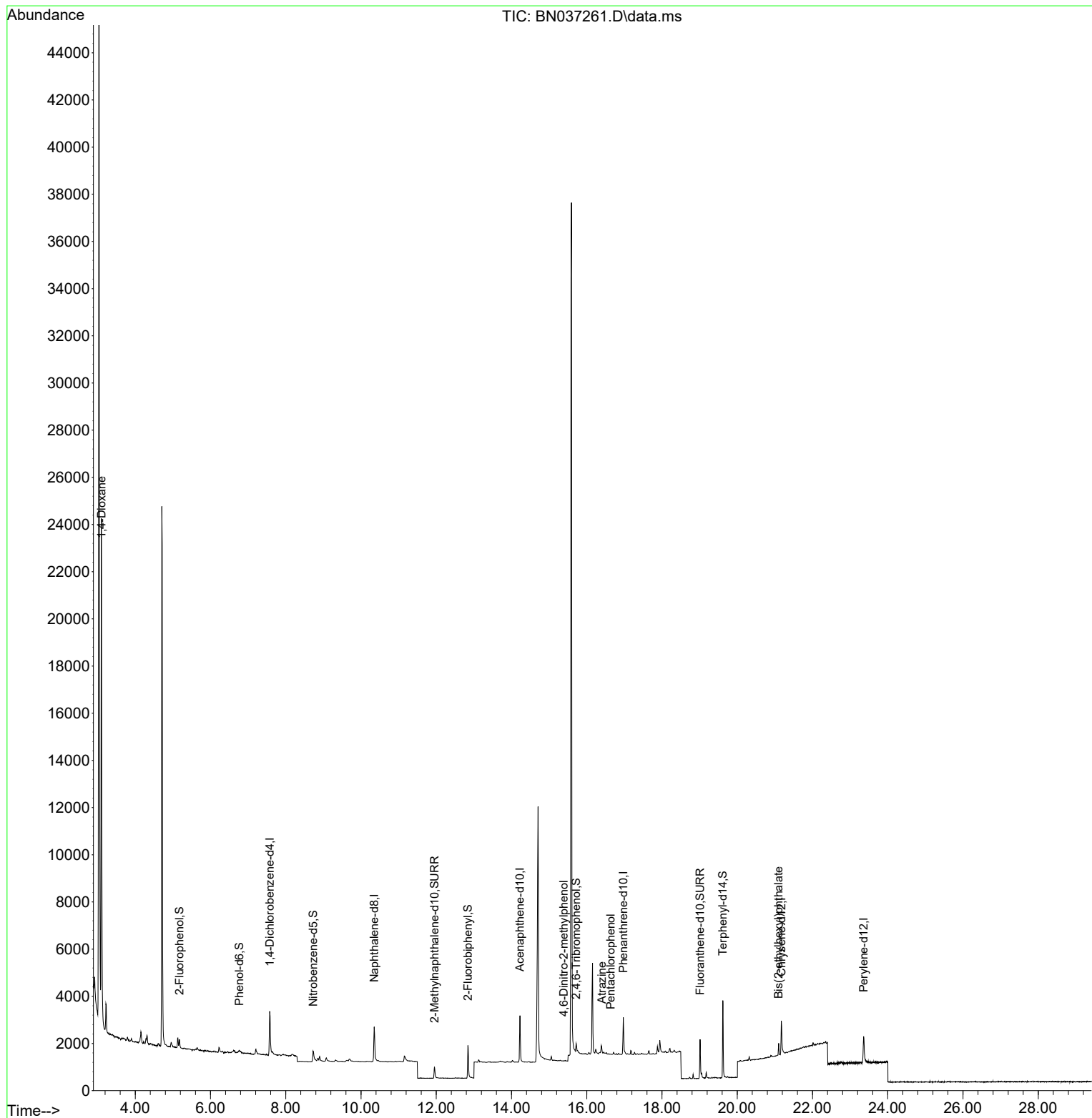
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	856	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2177	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1128	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2247	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1734	0.400	ng	# 0.00
35) Perylene-d12	23.360	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						
2) 1,4-Dioxane	3.104	88	9919	8.446	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.389	198	3	0.121	ng	# 2
23) Atrazine	16.400	200	42	0.032	ng	# 54
24) Pentachlorophenol	16.636	266	24	0.029	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.099	149	465	0.107	ng	99

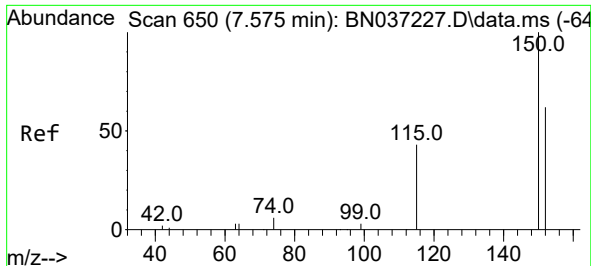
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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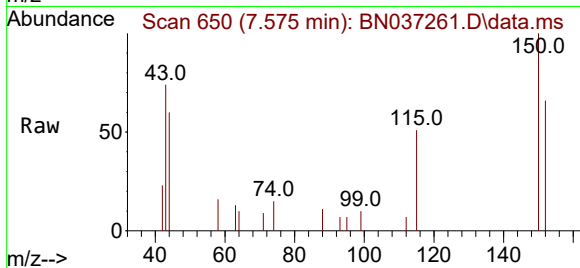
Quant Time: Jun 16 02:43:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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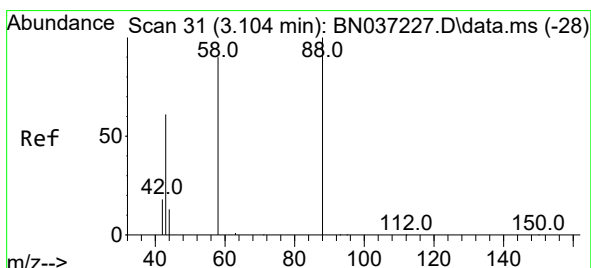
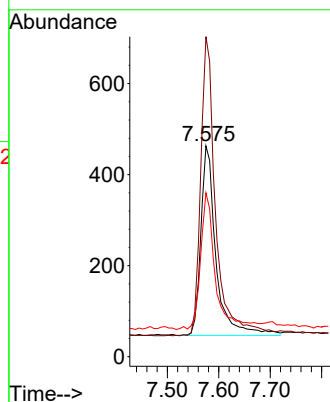
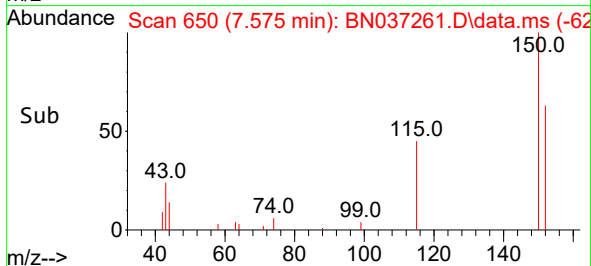


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250610

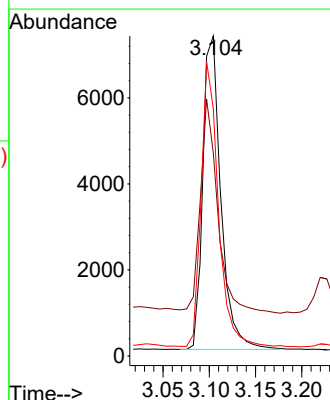
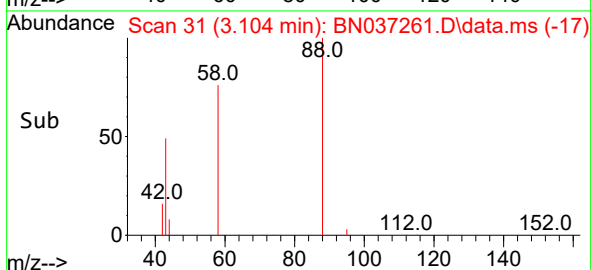
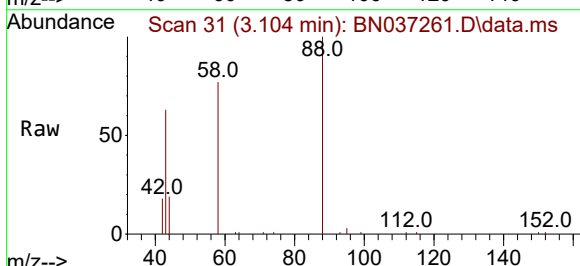


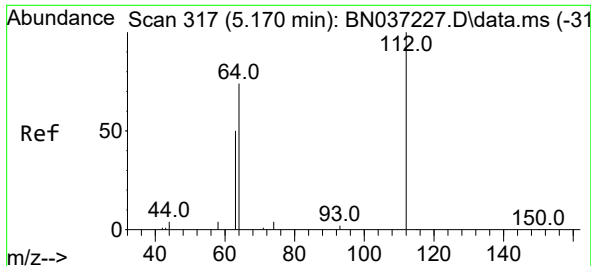
Tgt Ion:152 Resp: 856
 Ion Ratio Lower Upper
 152 100
 150 151.8 125.2 187.8
 115 77.8 58.4 87.6



#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

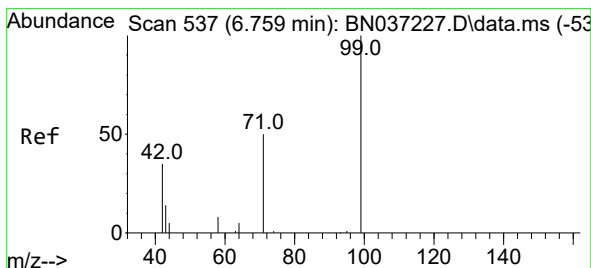
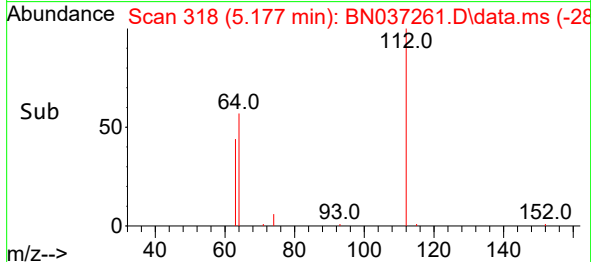
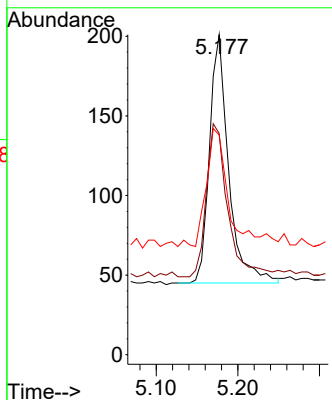
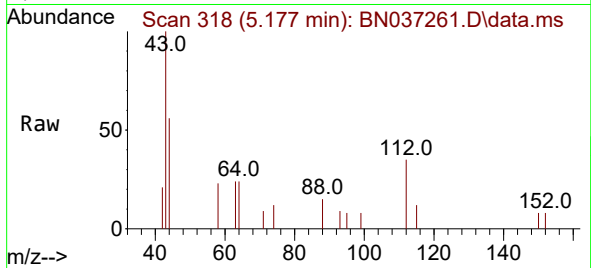




#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

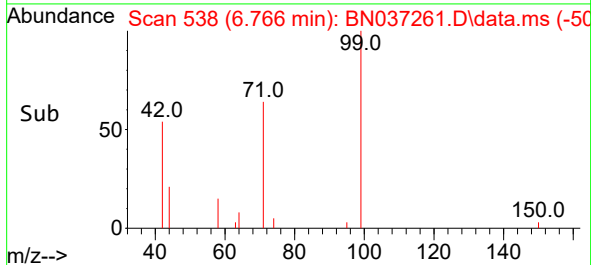
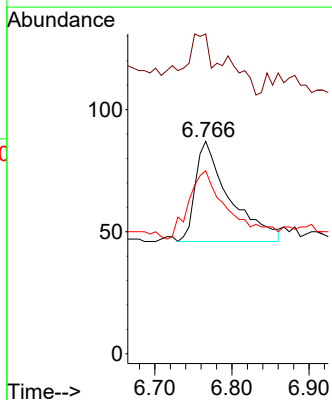
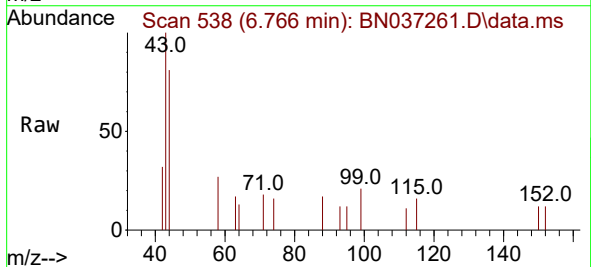
Instrument :
BNA_N
ClientSampleId :
DUP02-20250610

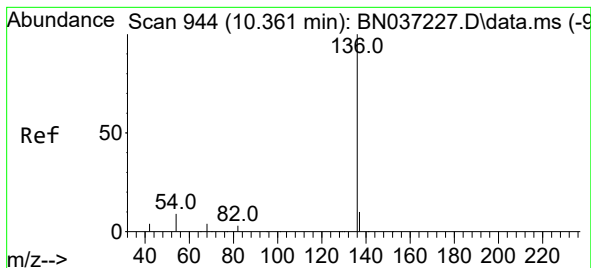
Tgt Ion:112 Resp: 255
Ion Ratio Lower Upper
112 100
64 67.8 57.2 85.8
63 61.2 39.8 59.6#



#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

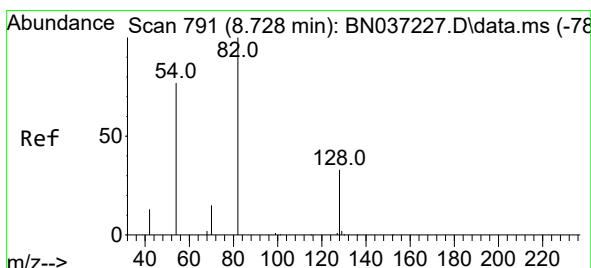
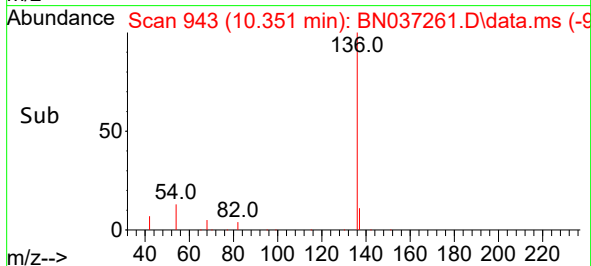
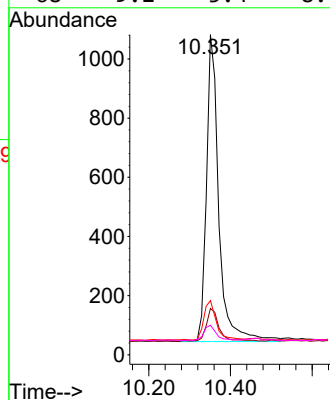
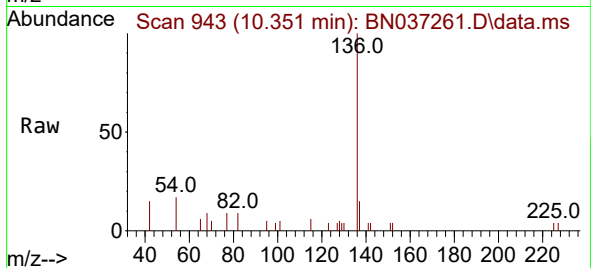
Ion Ratio Lower Upper

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

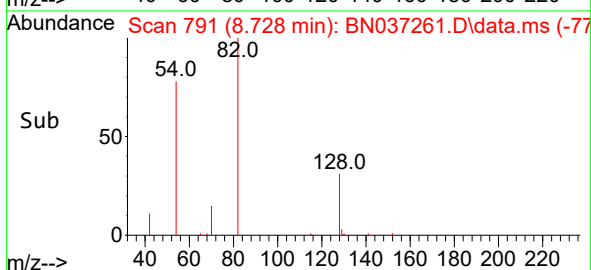
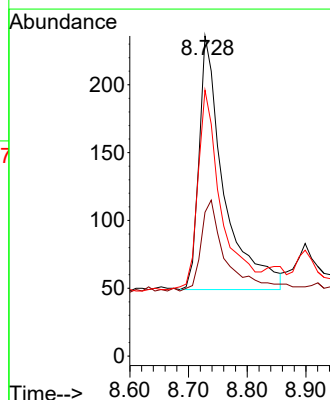
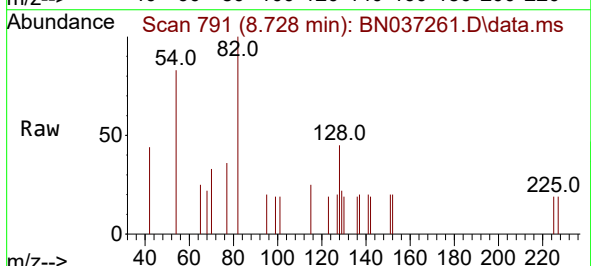
Tgt Ion: 82 Resp: 548

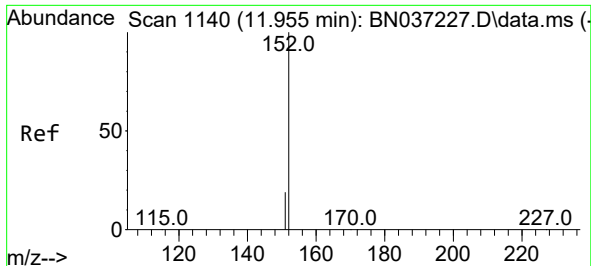
Ion Ratio Lower Upper

82 100

128 44.9 31.2 46.8

54 83.1 63.3 94.9

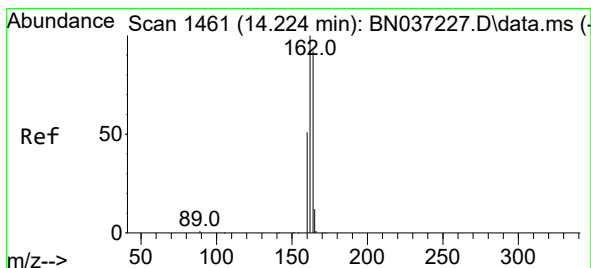
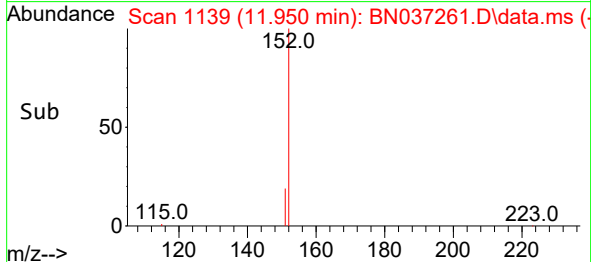
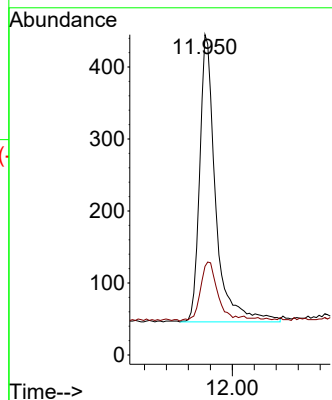
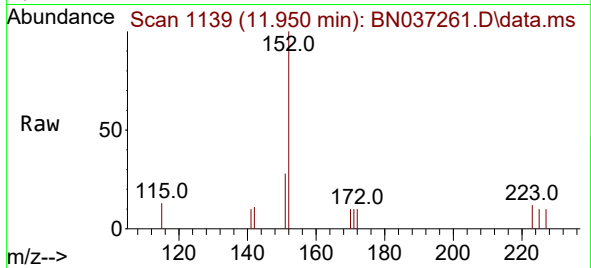




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 11.950 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

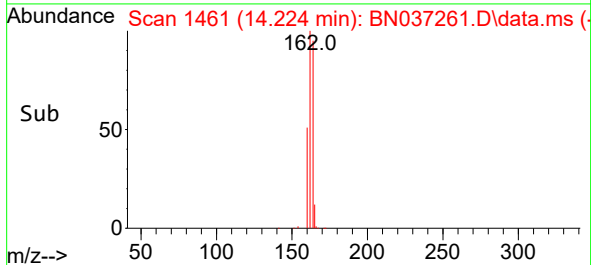
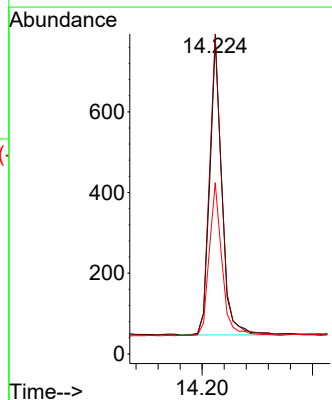
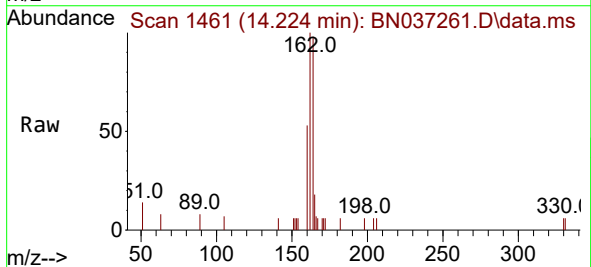
Instrument :
BNA_N
ClientSampleId :
DUP02-20250610

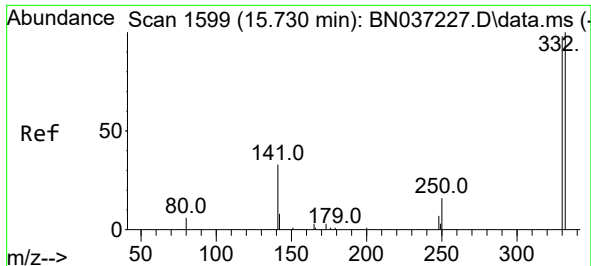
Tgt Ion:152 Resp: 801
Ion Ratio Lower Upper
152 100
151 22.3 17.9 26.9



#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

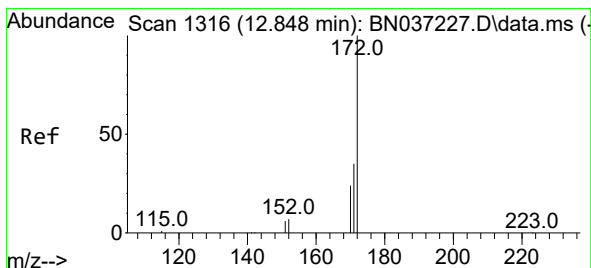
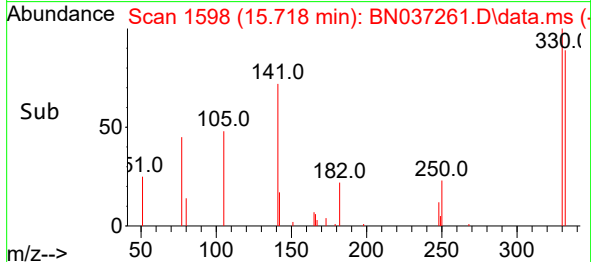
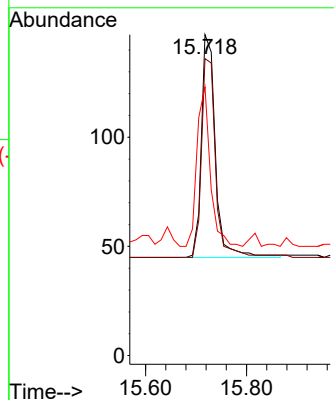
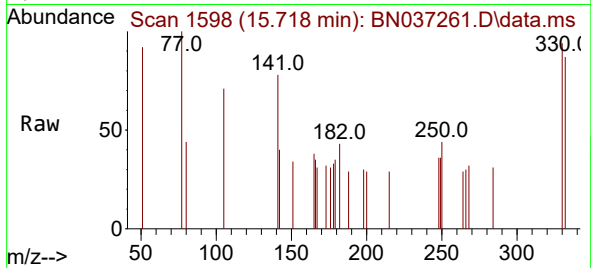




#14
 2,4,6-Tribromophenol
 Concen: 0.420 ng
 RT: 15.718 min Scan# 1598
 Delta R.T. -0.012 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35

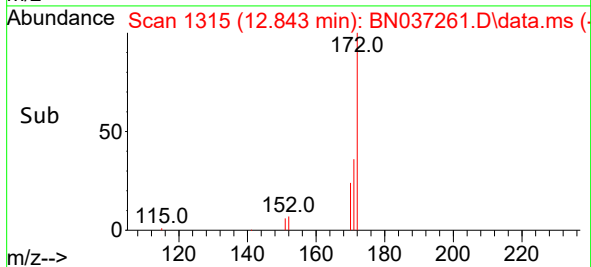
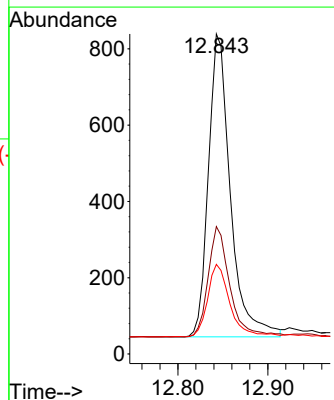
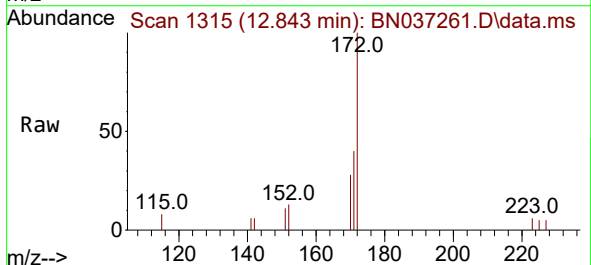
Instrument :
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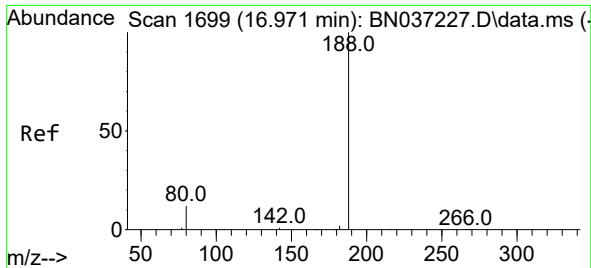
Tgt Ion:330 Resp: 197
 Ion Ratio Lower Upper
 330 100
 332 90.4 74.9 112.3
 141 68.0 45.1 67.7#



#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

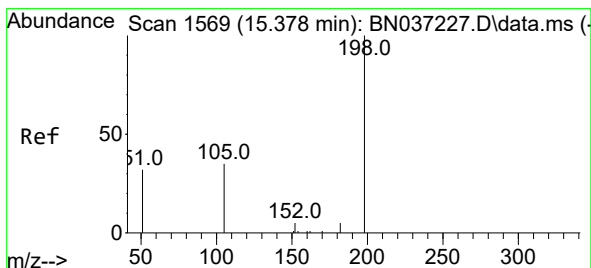
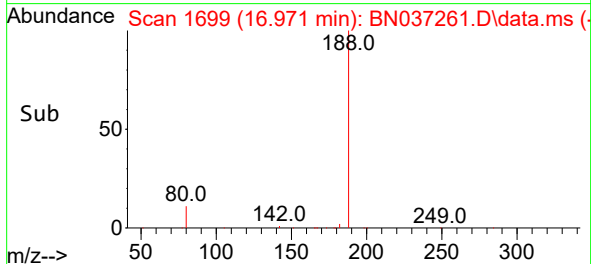
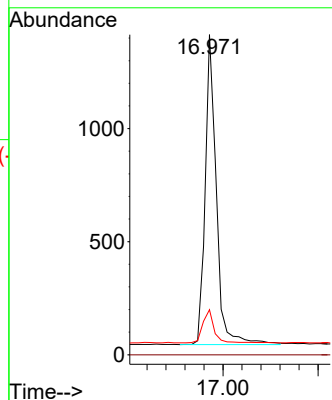
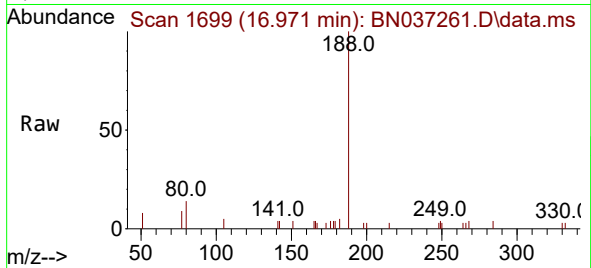




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

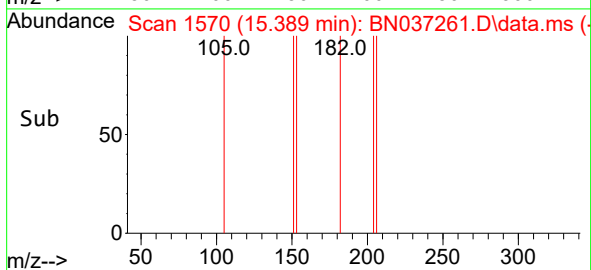
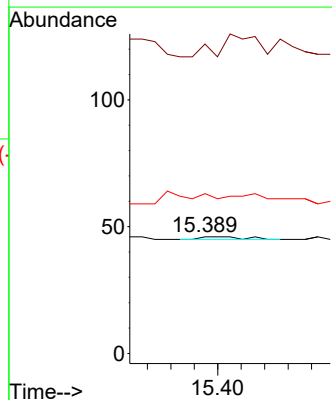
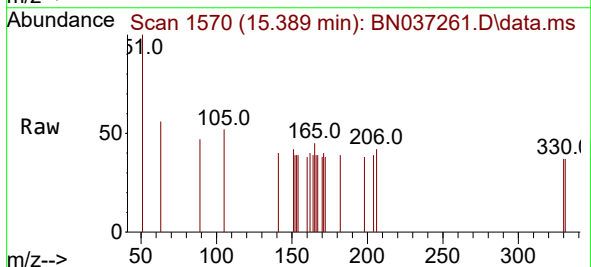
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ClientSampleId :
DUP02-20250610

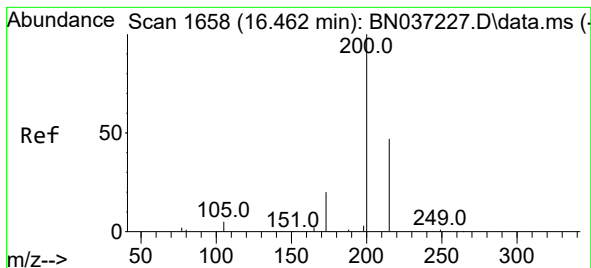
Tgt Ion:188 Resp: 2247
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 12.2 18.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.121 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 265.2 111.2 166.8#
105 137.0 54.0 81.0#





#23

Atrazine

Concen: 0.032 ng

RT: 16.400 min Scan# 1653

Delta R.T. -0.062 min

Lab File: BN037261.D

Acq: 14 Jun 2025 14:35

Instrument :

BNA_N

ClientSampleId :

DUP02-20250610

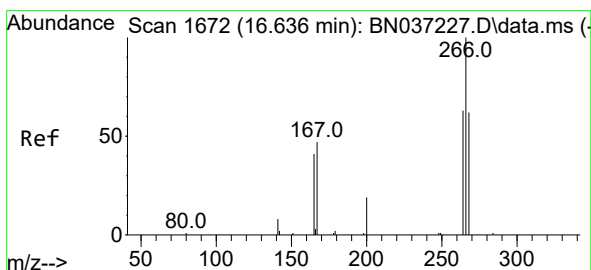
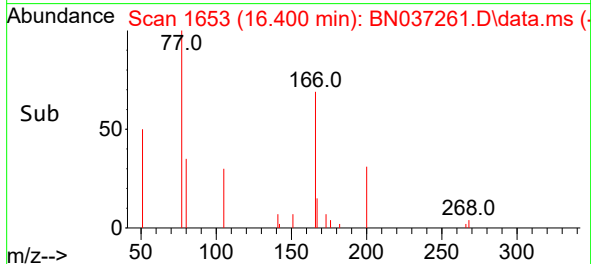
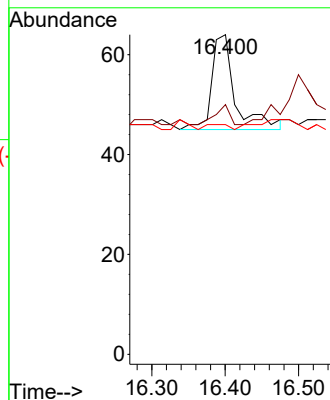
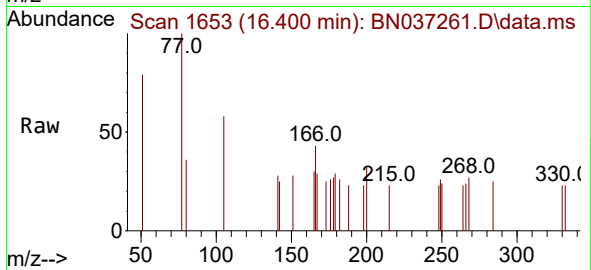
Tgt Ion:200 Resp: 42

Ion Ratio Lower Upper

200 100

173 78.1 25.1 37.7#

215 71.9 43.7 65.5#



#24

Pentachlorophenol

Concen: 0.029 ng

RT: 16.636 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BN037261.D

Acq: 14 Jun 2025 14:35

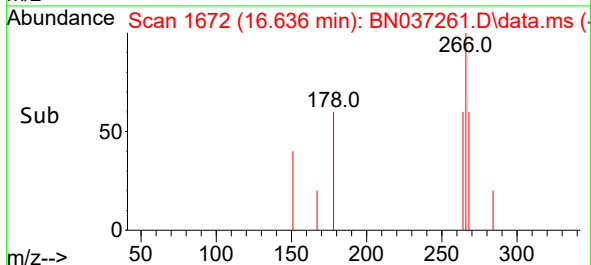
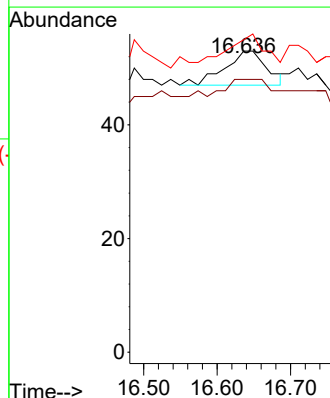
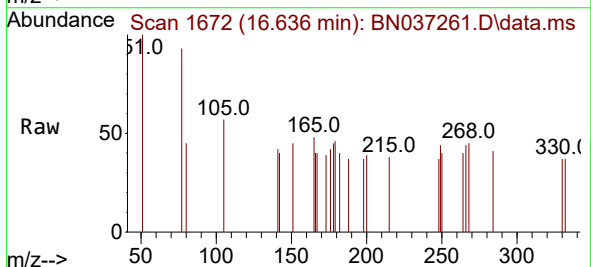
Tgt Ion:266 Resp: 24

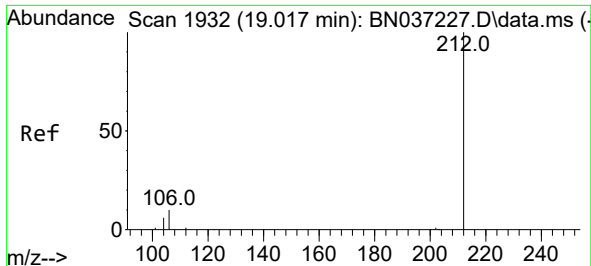
Ion Ratio Lower Upper

266 100

264 0.0 49.2 73.8#

268 104.2 53.4 80.2#

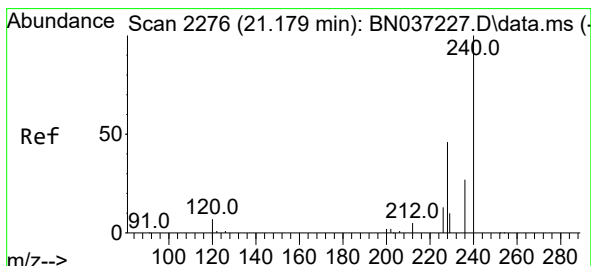
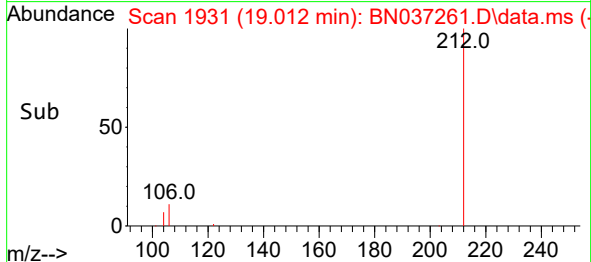
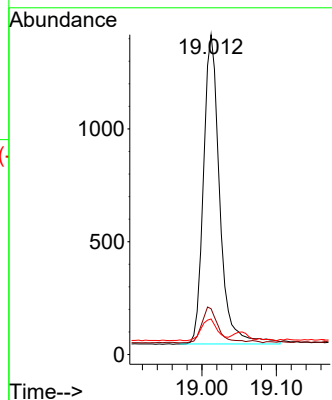
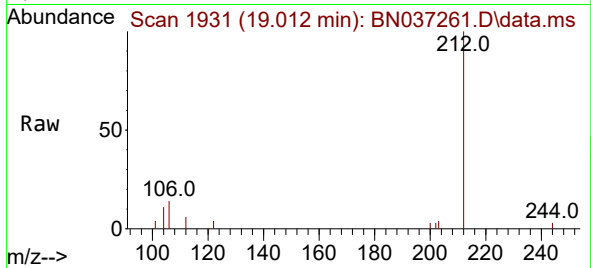




#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

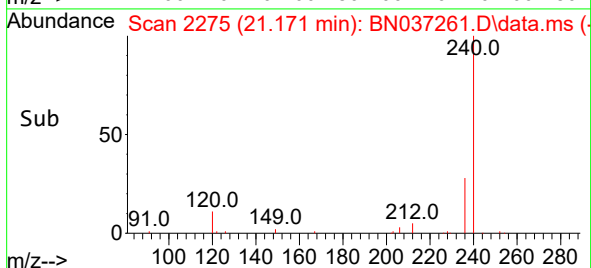
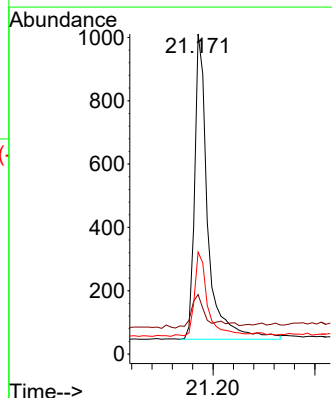
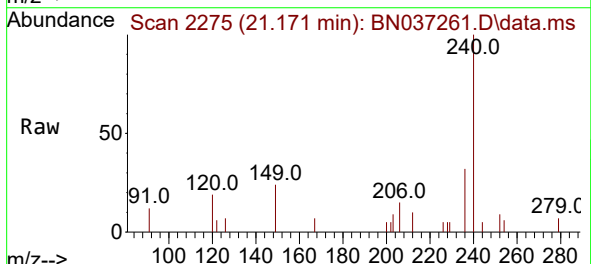
Instrument :
BNA_N
ClientSampleId :
DUP02-20250610

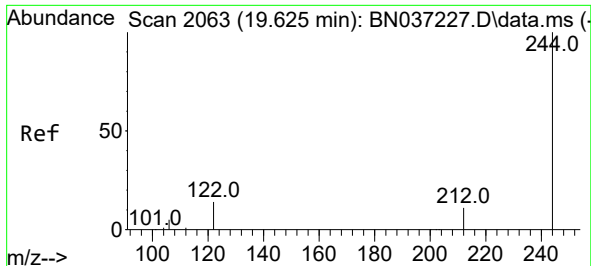
Tgt Ion:212 Resp: 2074
Ion Ratio Lower Upper
212 100
106 11.6 9.3 13.9
104 6.9 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037261.D
Acq: 14 Jun 2025 14:35

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

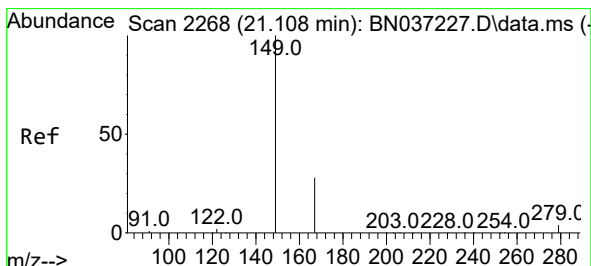
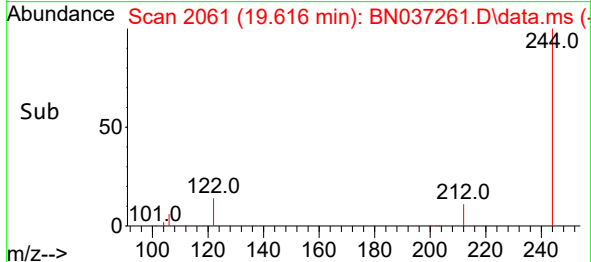
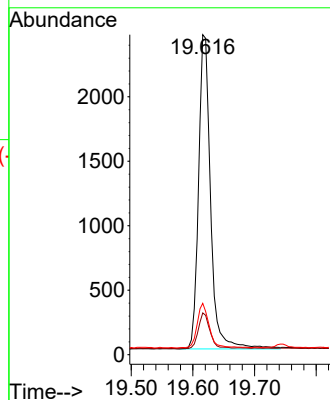
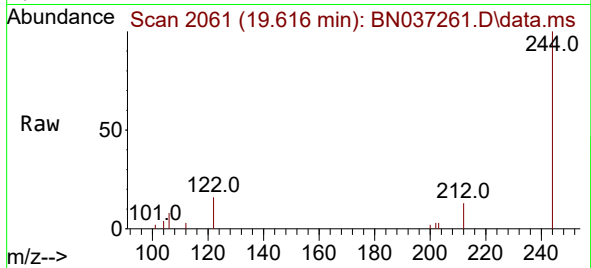




#31
 Terphenyl-d14
 Concen: 0.847 ng
 RT: 19.616 min Scan# 2061
 Delta R.T. -0.009 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35

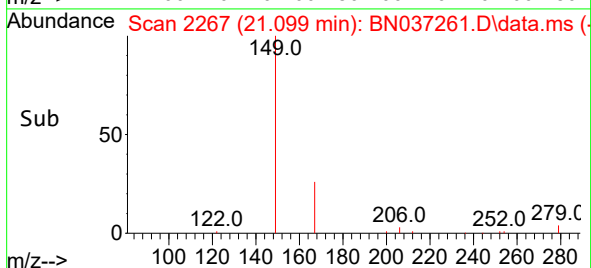
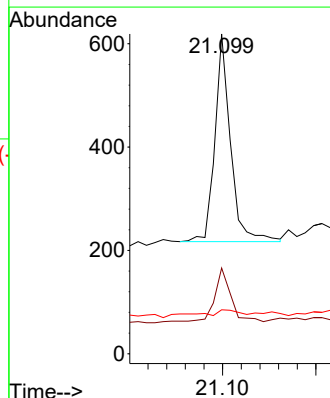
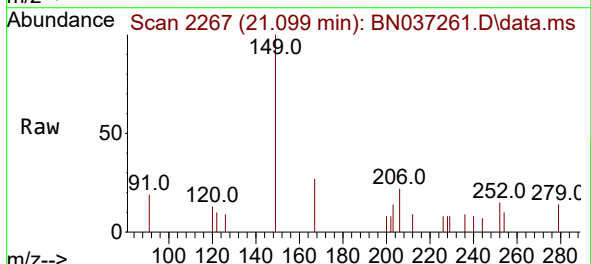
Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250610

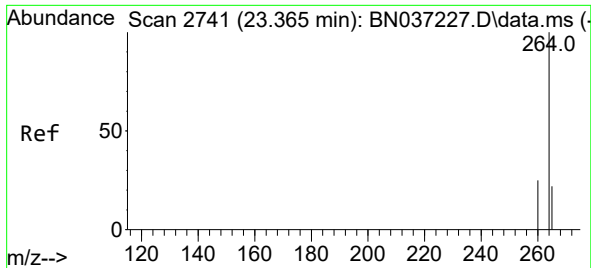
Tgt Ion:244 Resp: 3320
 Ion Ratio Lower Upper
 244 100
 212 13.1 12.2 18.2
 122 16.1 14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35

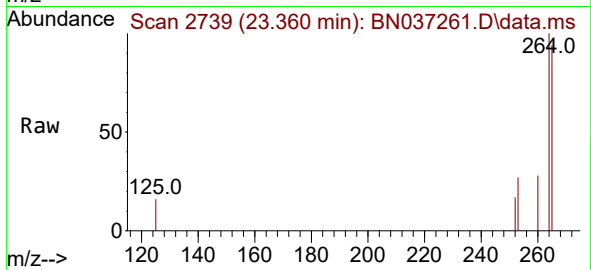
Tgt Ion:149 Resp: 465
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.4 3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037261.D
 Acq: 14 Jun 2025 14:35

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250610



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

