

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037963.D
 Acq On : 01 Oct 2025 02:23
 Operator : RC/JU
 Sample : Q3193-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP12-20250923

Quant Time: Oct 01 04:26:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

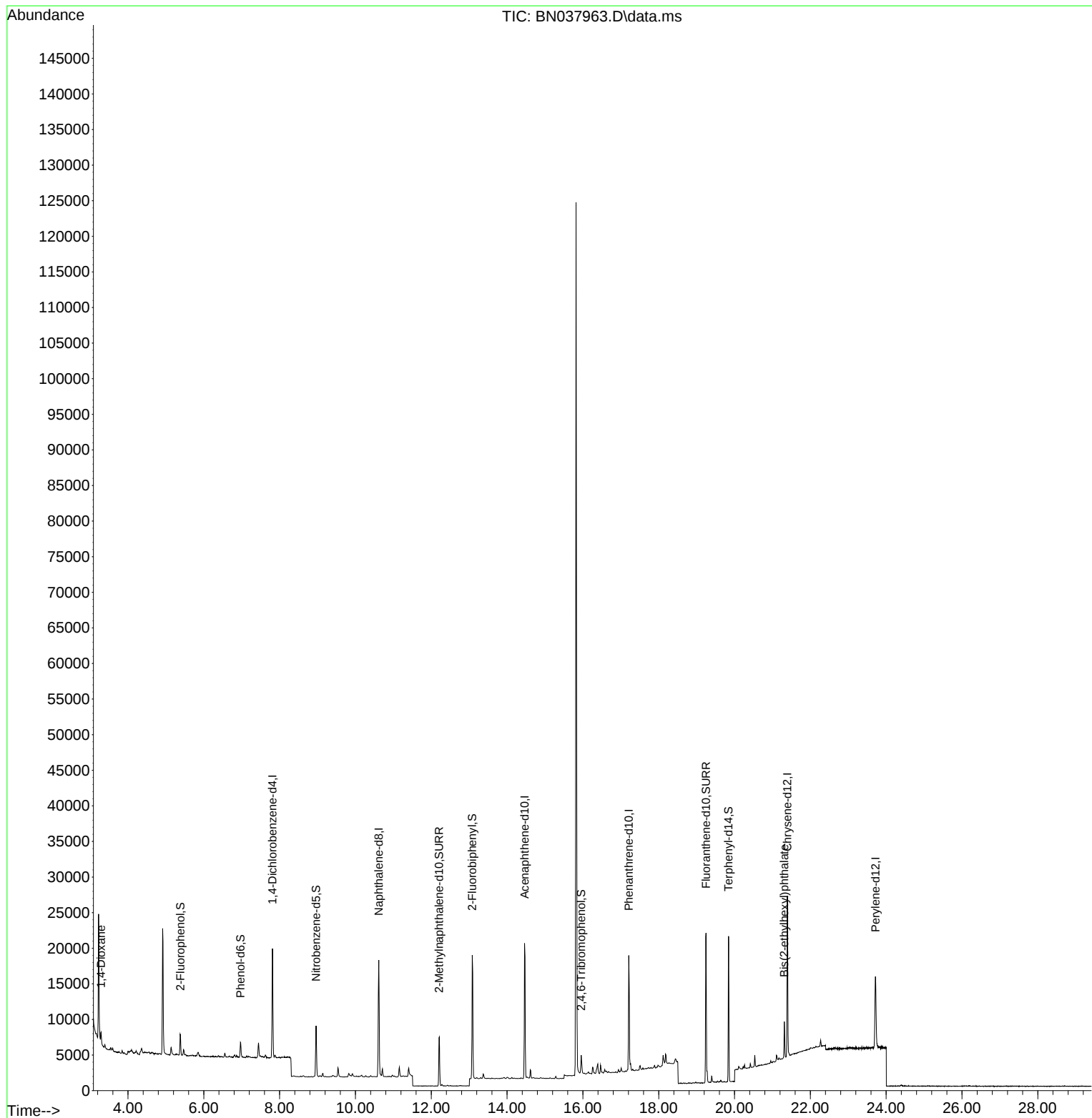
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7310	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	20987	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11025	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	21998	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	18988	0.400	ng	0.00
35) Perylene-d12	23.718	264	14992	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2438	0.146	ng	0.00
5) Phenol-d6	6.966	99	1963	0.090	ng	0.00
8) Nitrobenzene-d5	8.961	82	5482	0.342	ng	-0.01
11) 2-Methylnaphthalene-d10	12.207	152	9258	0.318	ng	-0.01
14) 2,4,6-Tribromophenol	15.957	330	1408	0.337	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	15199	0.337	ng	-0.01
27) Fluoranthene-d10	19.248	212	23352	0.422	ng	0.00
31) Terphenyl-d14	19.843	244	18724	0.495	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1029	0.139	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.313	149	5006	0.191	ng	# 99

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

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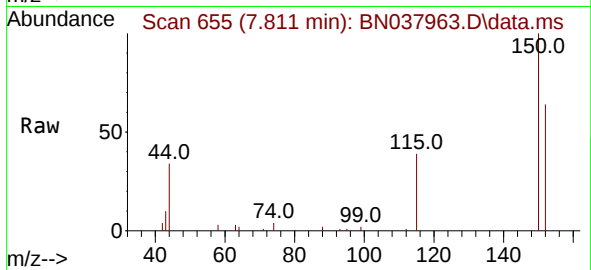
Quant Time: Oct 01 04:26:04 2025
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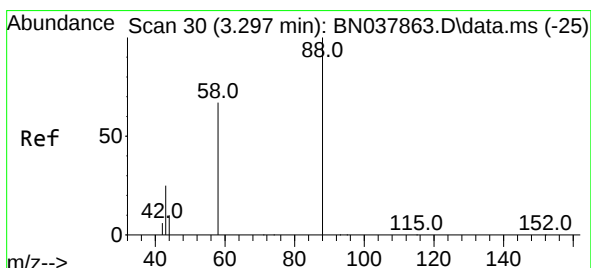
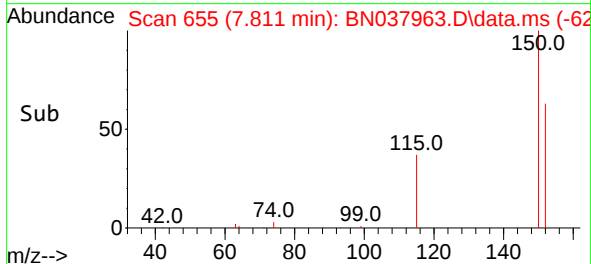
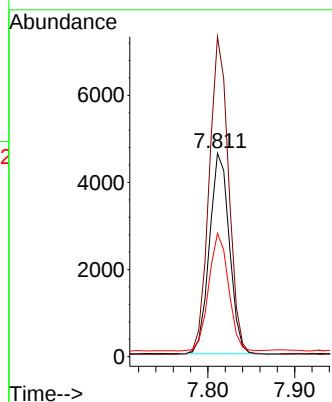


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037963.D
 Acq: 01 Oct 2025 02:23

Instrument :
 BNA_N
 ClientSampleId :
 DUP12-20250923

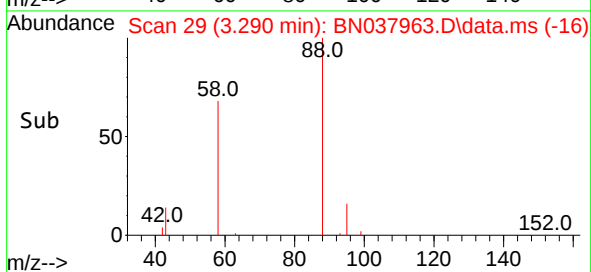
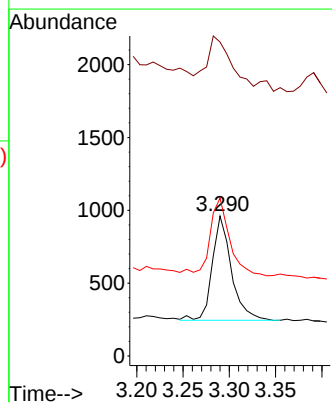
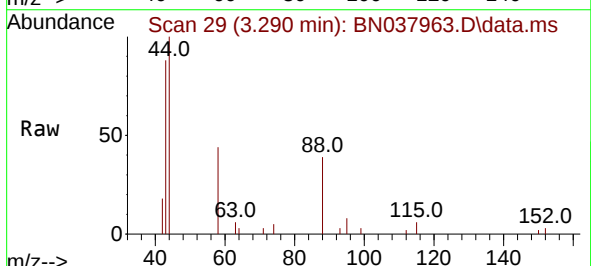


Tgt Ion:152 Resp: 7310
 Ion Ratio Lower Upper
 152 100
 150 157.2 121.0 181.4
 115 60.7 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.139 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037963.D
 Acq: 01 Oct 2025 02:23

Tgt Ion: 88 Resp: 1029
 Ion Ratio Lower Upper
 88 100
 43 77.6 26.6 39.8#
 58 74.6 58.9 88.3

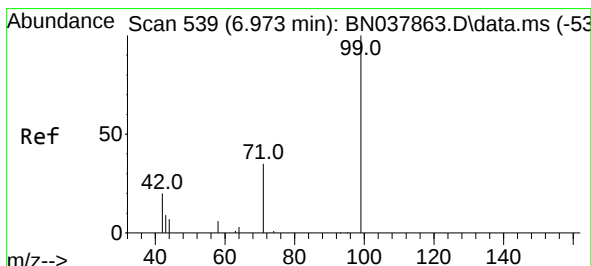
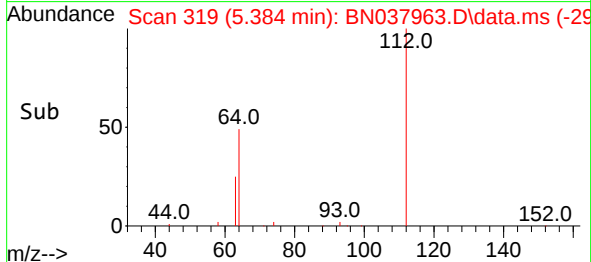
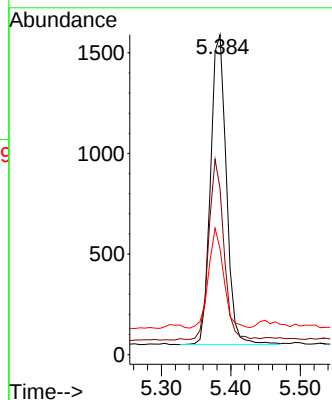
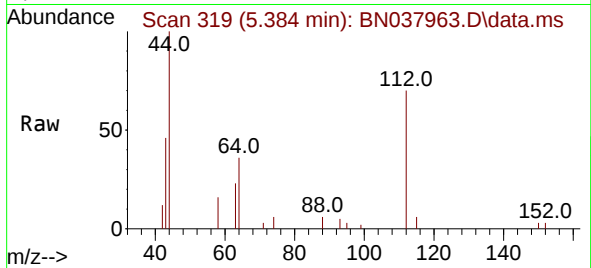




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

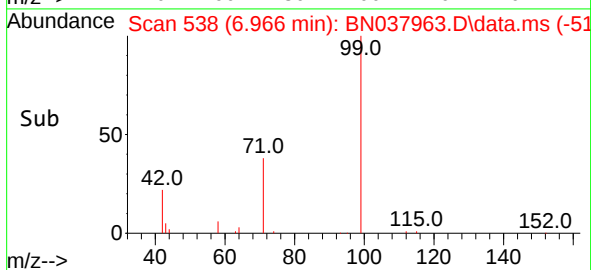
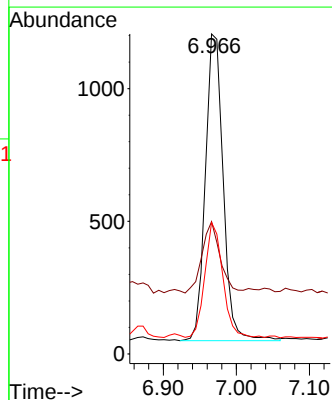
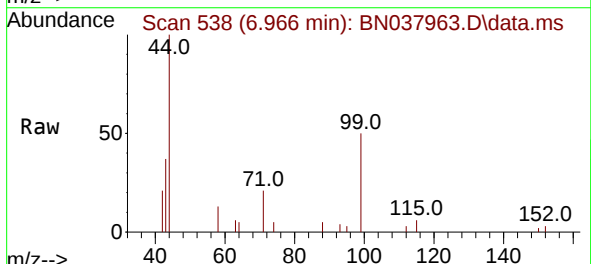
Instrument :
BNA_N
ClientSampleId :
DUP12-20250923

Tgt Ion:112 Resp: 2438
Ion Ratio Lower Upper
112 100
64 55.8 44.6 66.8
63 30.3 24.9 37.3



#5
Phenol-d6
Concen: 0.090 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion: 99 Resp: 1963
Ion Ratio Lower Upper
99 100
42 23.5 17.2 25.8
71 37.8 27.3 40.9

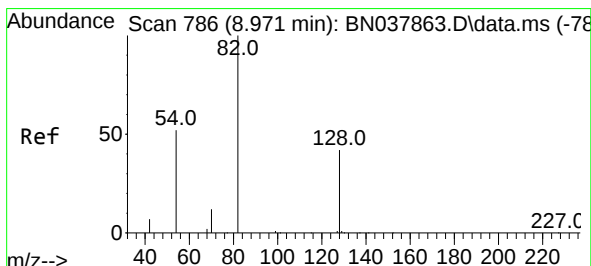
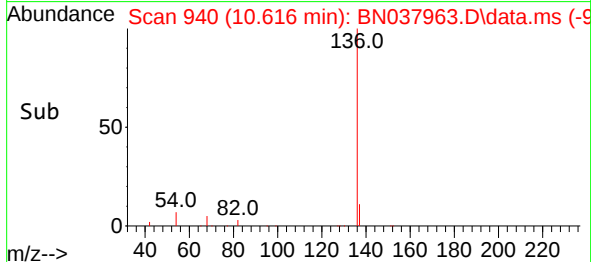
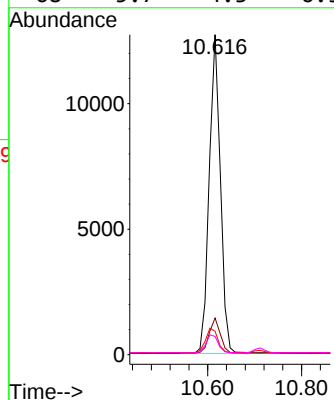
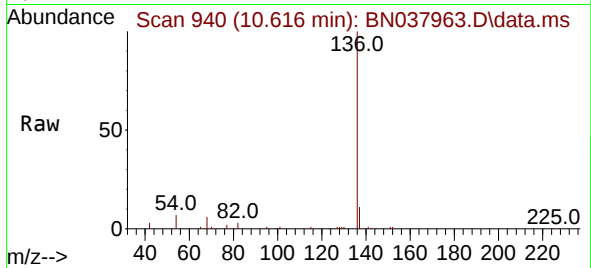




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

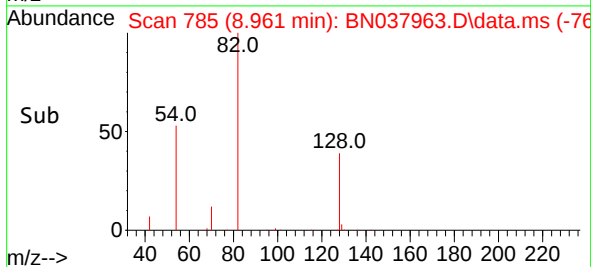
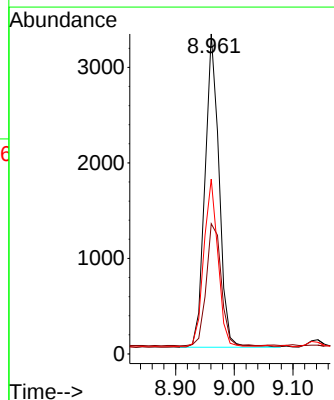
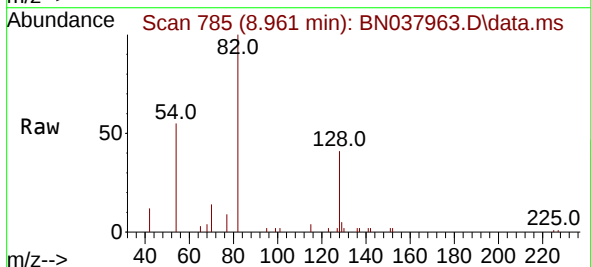
Instrument :
BNA_N
ClientSampleId :
DUP12-20250923

Tgt Ion:	136	Resp:	20987
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	7.3	5.8	8.8
68	5.7	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:	82	Resp:	5482
Ion Ratio	Lower	Upper	
82	100		
128	40.7	34.8	52.2
54	54.6	42.2	63.2

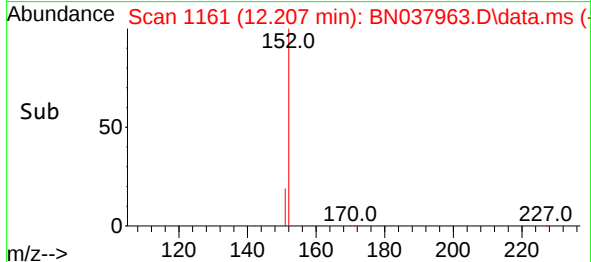
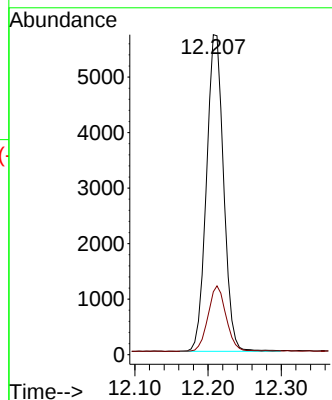
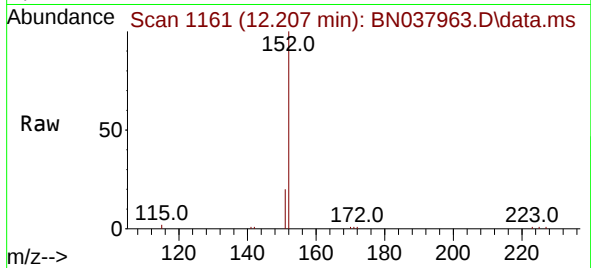




#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.207 min Scan# 1161
Delta R.T. -0.010 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

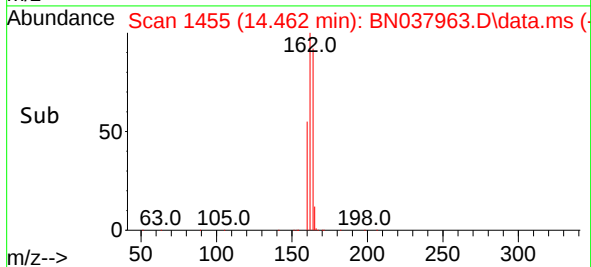
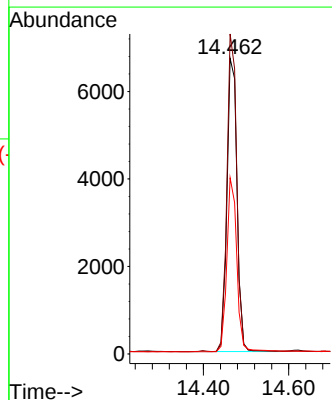
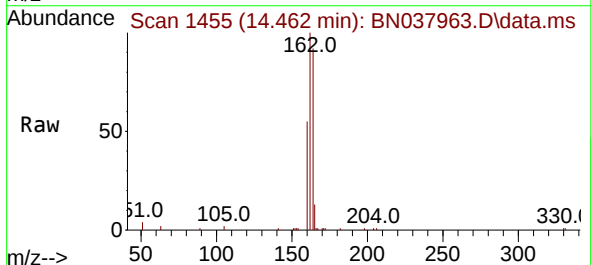
Instrument :
BNA_N
ClientSampleId :
DUP12-20250923

Tgt Ion:152 Resp: 9258
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:164 Resp: 11025
Ion Ratio Lower Upper
164 100
162 108.3 84.8 127.2
160 59.6 46.1 69.1

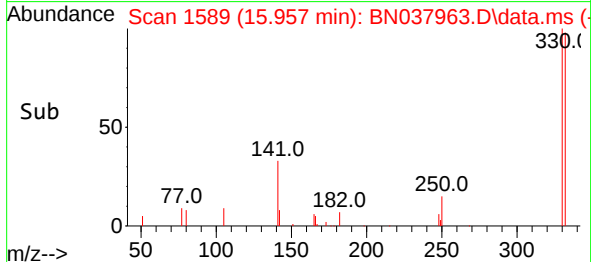
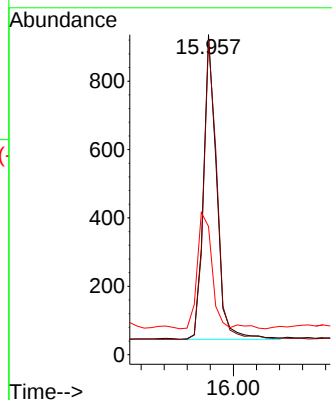
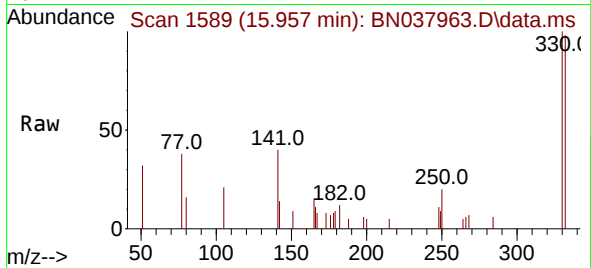




#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

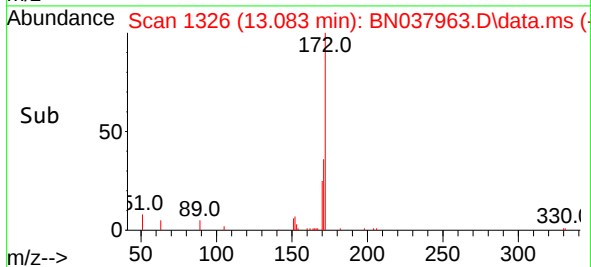
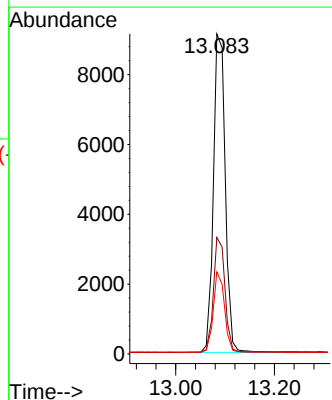
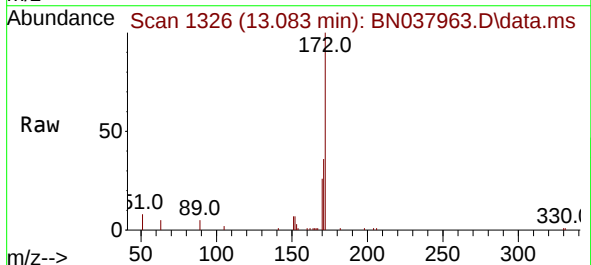
Instrument :
BNA_N
ClientSampleId :
DUP12-20250923

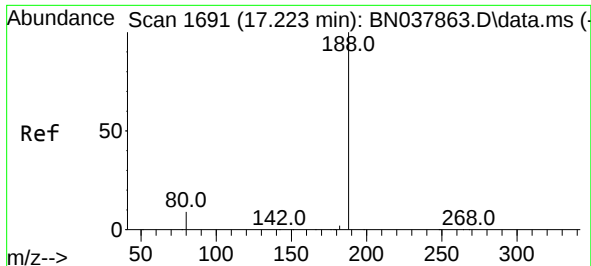
Tgt Ion:330 Resp: 1408
Ion Ratio Lower Upper
330 100
332 99.2 77.2 115.8
141 43.8 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:172 Resp: 15199
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 25.6 19.7 29.5

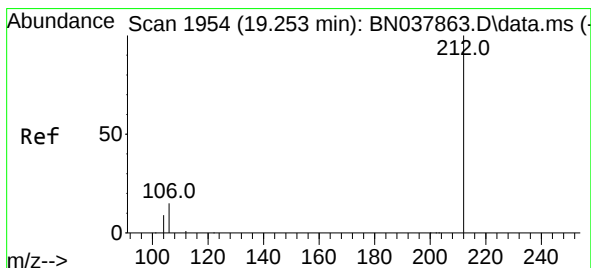
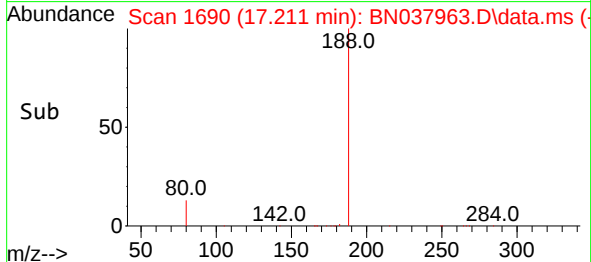
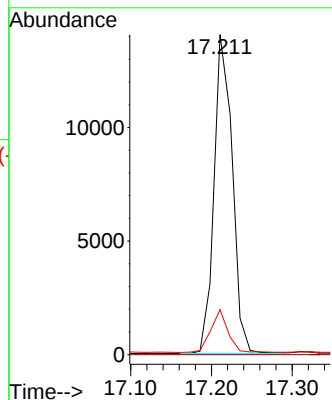
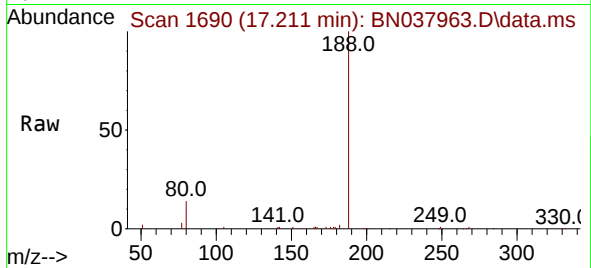




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

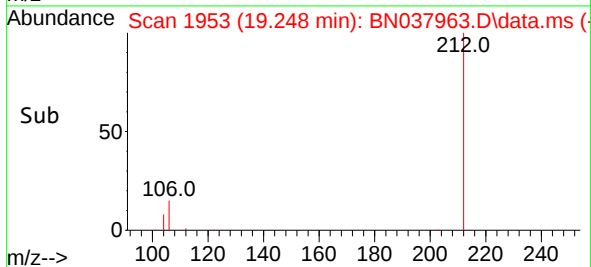
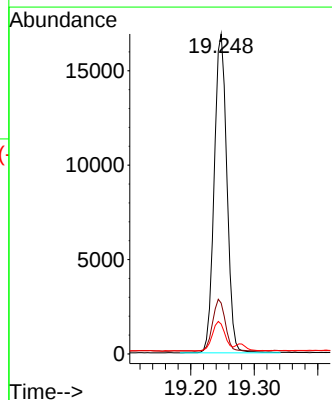
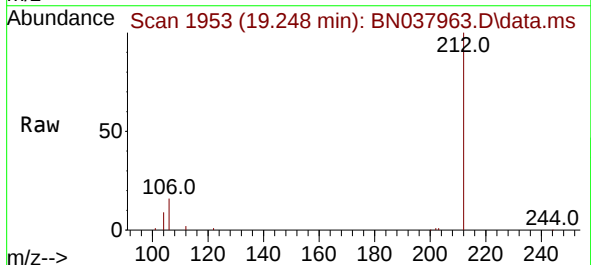
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BNA_N
ClientSampleId :
DUP12-20250923

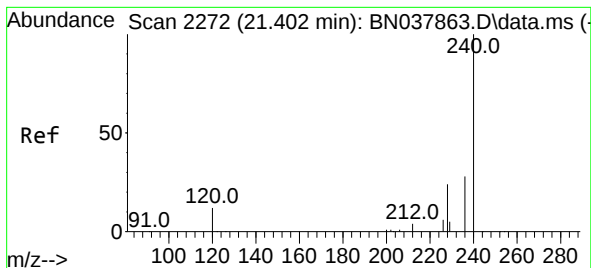
Tgt Ion:188 Resp: 21998
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:212 Resp: 23352
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.3 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037963.D

Acq: 01 Oct 2025 02:23

Instrument :

BNA_N

ClientSampleId :

DUP12-20250923

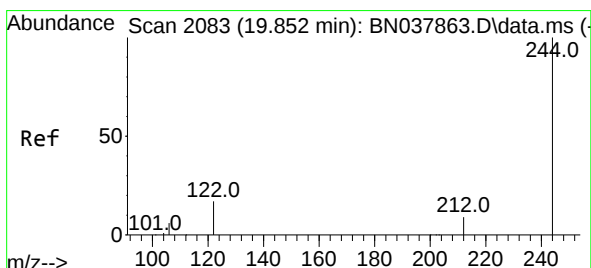
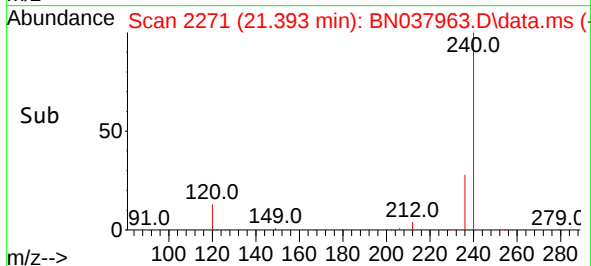
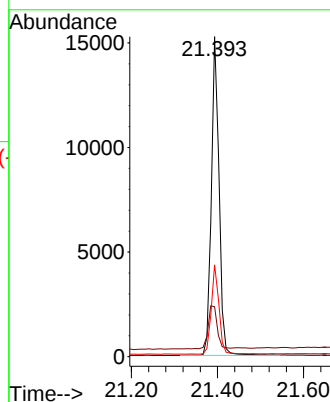
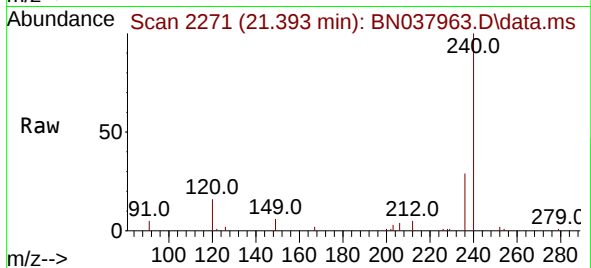
Tgt Ion:240 Resp: 18988

Ion Ratio Lower Upper

240 100

120 15.6 11.4 17.2

236 28.7 23.0 34.6



#31

Terphenyl-d14

Concen: 0.495 ng

RT: 19.843 min Scan# 2081

Delta R.T. -0.009 min

Lab File: BN037963.D

Acq: 01 Oct 2025 02:23

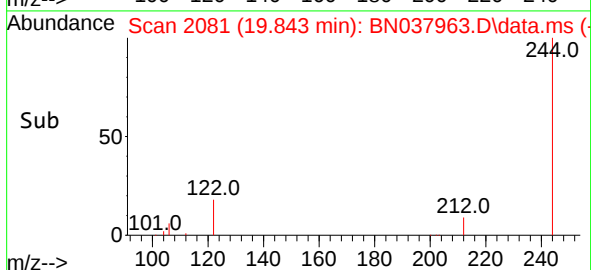
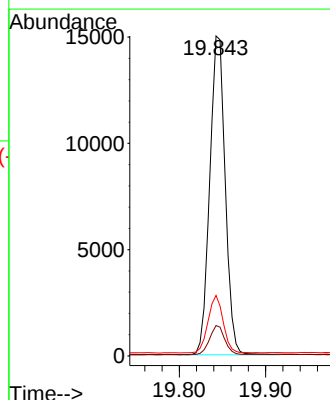
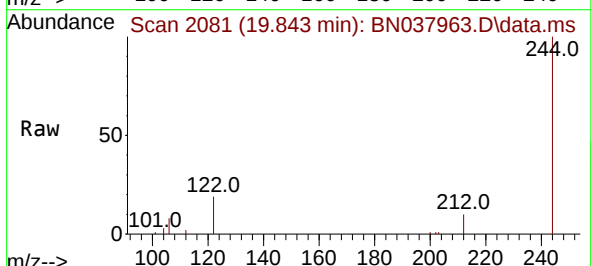
Tgt Ion:244 Resp: 18724

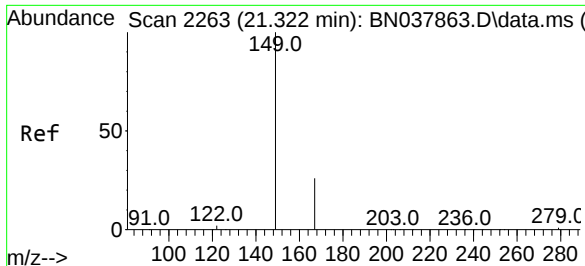
Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

122 18.9 13.9 20.9

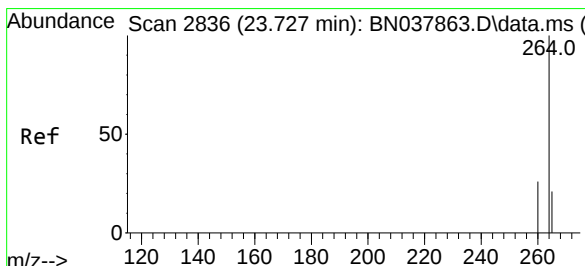
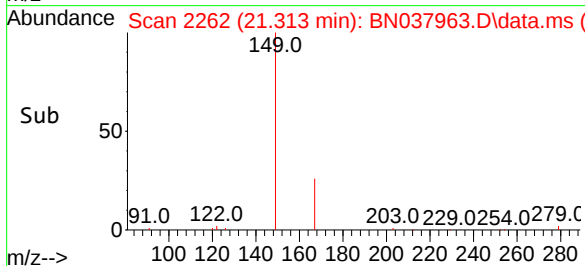
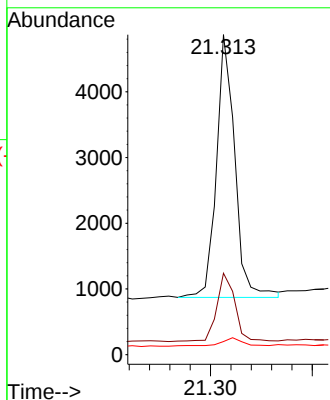
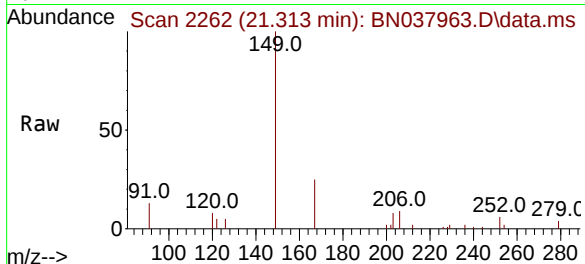




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.191 ng
 RT: 21.313 min Scan# 2133
 Delta R.T. -0.009 min
 Lab File: BN037963.D
 Acq: 01 Oct 2025 02:23

Instrument :
 BNA_N
 ClientSampleId :
 DUP12-20250923

Tgt Ion:149 Resp: 5006
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 3.8 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.718 min Scan# 2833
 Delta R.T. -0.009 min
 Lab File: BN037963.D
 Acq: 01 Oct 2025 02:23

Tgt Ion:264 Resp: 14992
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.5 32.3
 265 76.9 53.8 80.6

