

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037950.D
 Acq On : 30 Sep 2025 17:46
 Operator : RC/JU
 Sample : Q3193-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20250922

Quant Time: Sep 30 18:28:07 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)

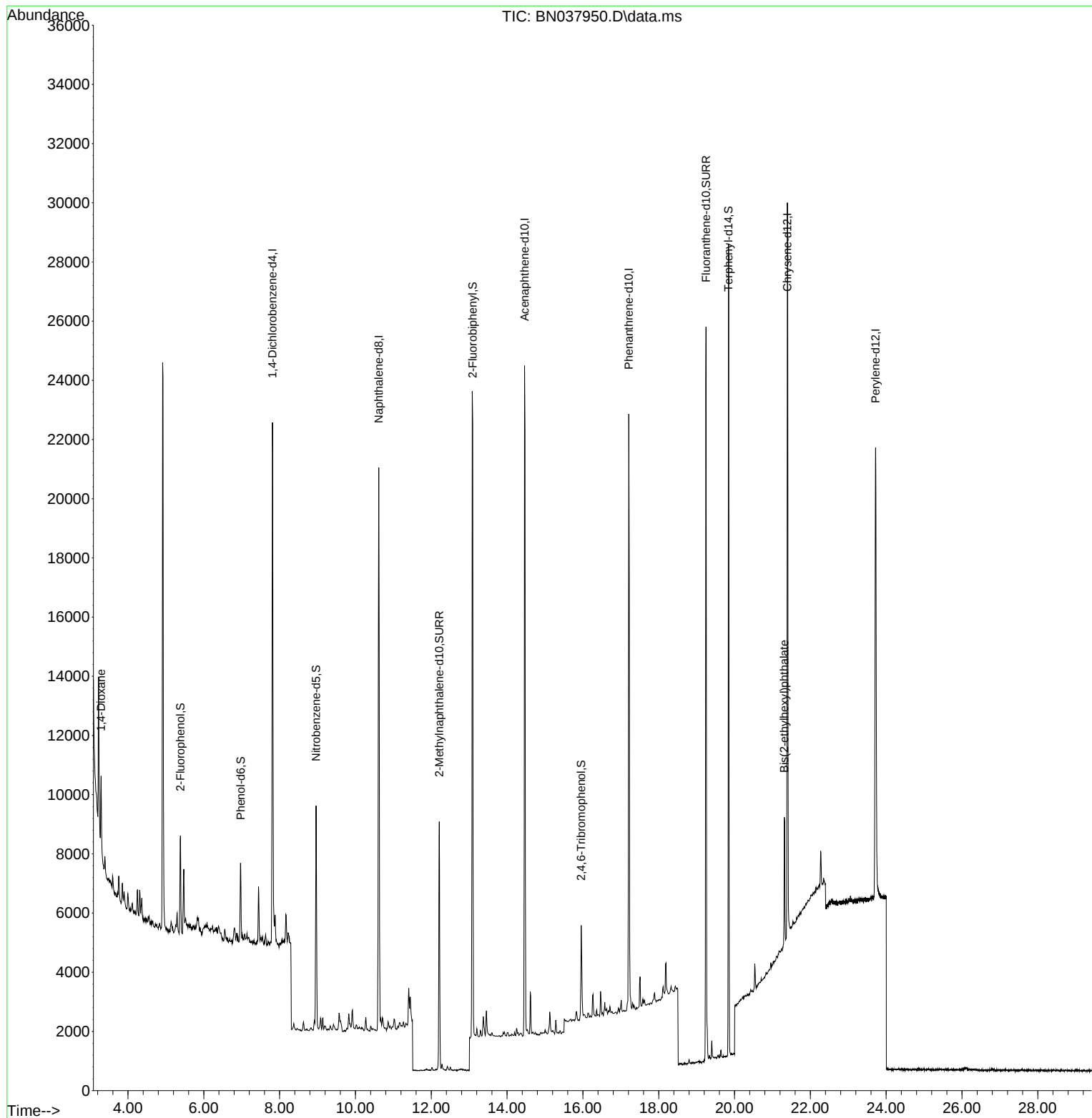
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	8551	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	24701	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	13182	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	27317	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	23956	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	22179	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2753	0.141	ng	0.00
5) Phenol-d6	6.973	99	2412	0.094	ng	0.00
8) Nitrobenzene-d5	8.961	82	5941	0.315	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10860	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1747	0.350	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	19652	0.364	ng	0.00
27) Fluoranthene-d10	19.248	212	26822	0.390	ng	0.00
31) Terphenyl-d14	19.843	244	24948	0.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1591	0.183	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.313	149	4645	0.140	ng	99

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

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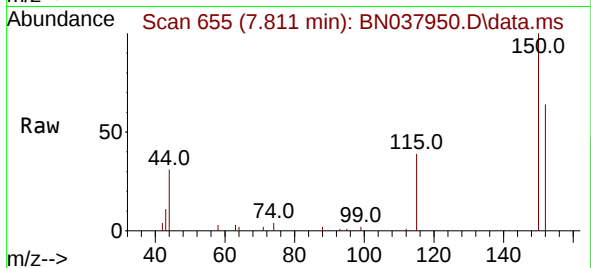
Quant Time: Sep 30 18:28:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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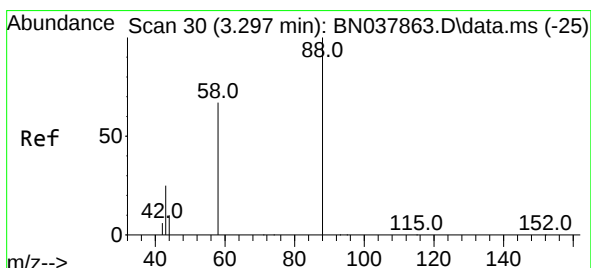
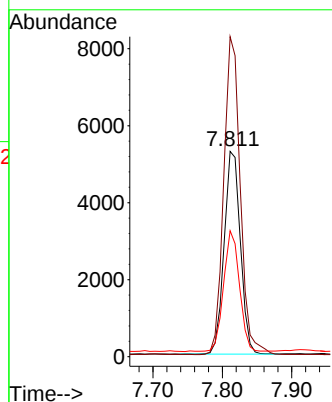
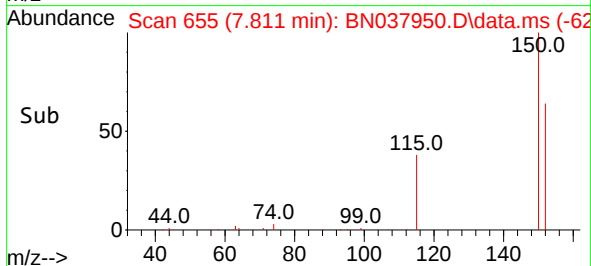


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

Instrument :
BNA_N
ClientSampleId :
TT149S1-20250922

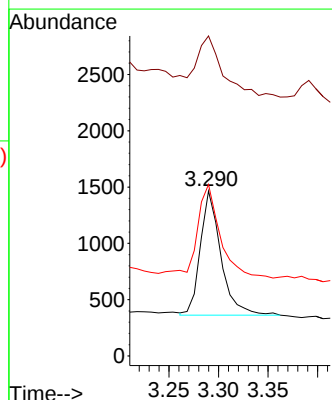
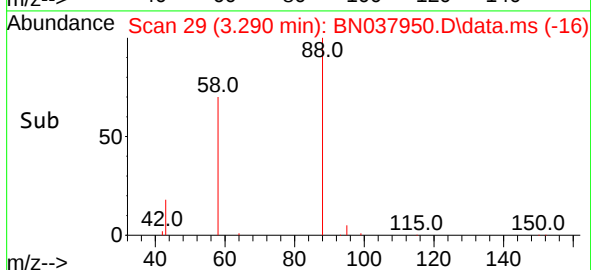
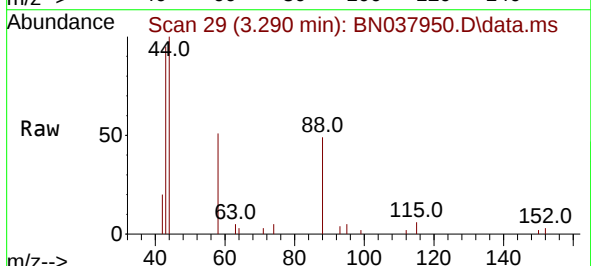


Tgt Ion:152 Resp: 8551
Ion Ratio Lower Upper
152 100
150 155.8 121.0 181.4
115 61.3 47.4 71.0



#2
1,4-Dioxane
Concen: 0.183 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

Tgt Ion: 88 Resp: 1591
Ion Ratio Lower Upper
88 100
43 62.4 26.6 39.8#
58 86.7 58.9 88.3

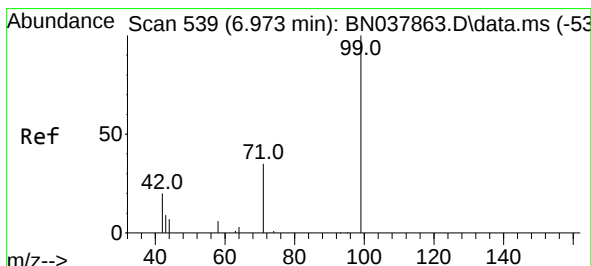
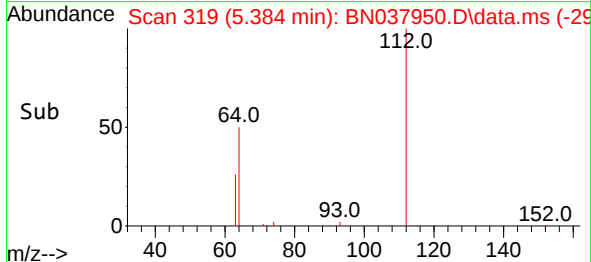
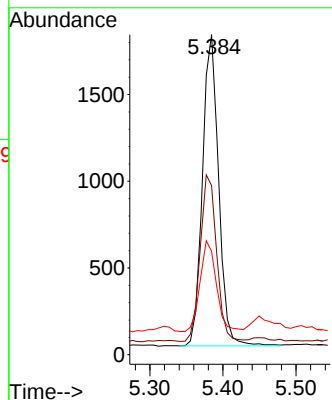
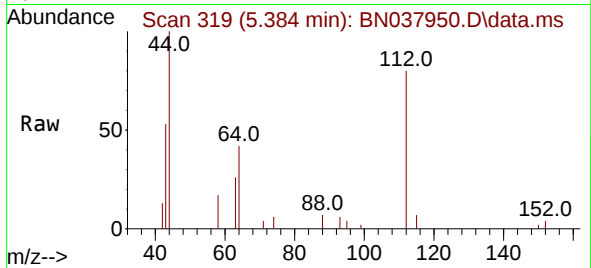




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

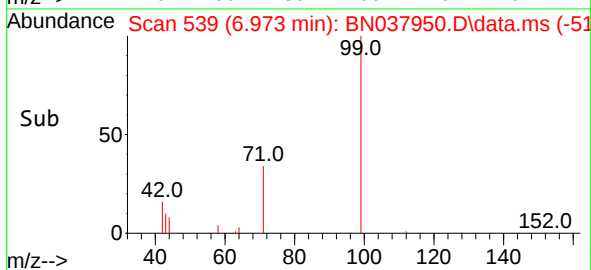
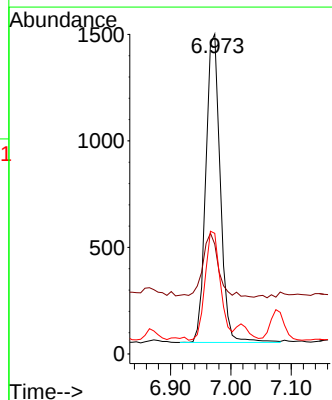
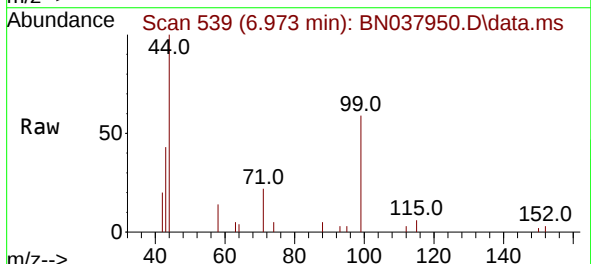
Instrument :
BNA_N
ClientSampleId :
TT149S1-20250922

Tgt Ion: 112 Resp: 2753
Ion Ratio Lower Upper
112 100
64 54.3 44.6 66.8
63 29.3 24.9 37.3



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

Tgt Ion: 99 Resp: 2412
Ion Ratio Lower Upper
99 100
42 22.5 17.2 25.8
71 37.3 27.3 40.9

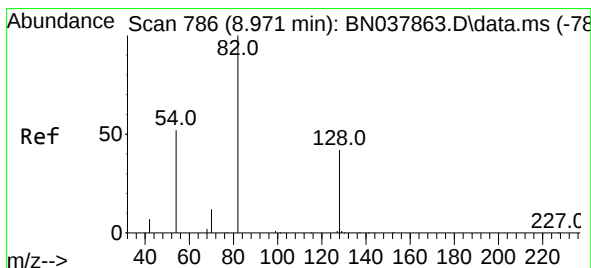
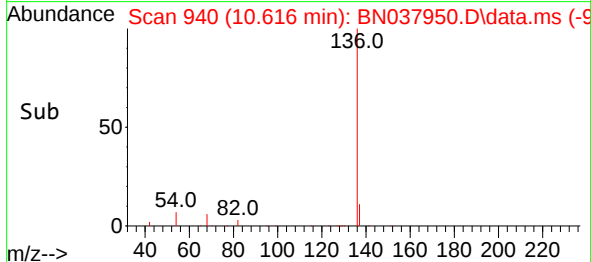
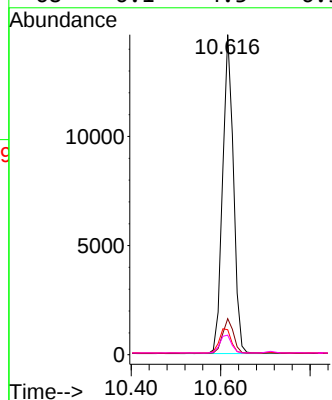
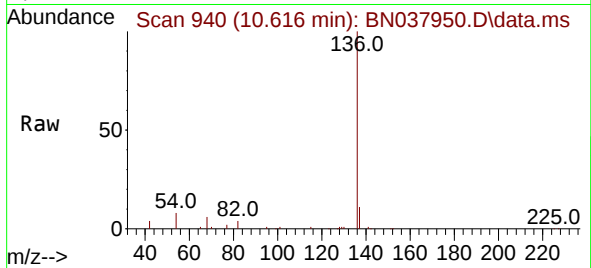




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

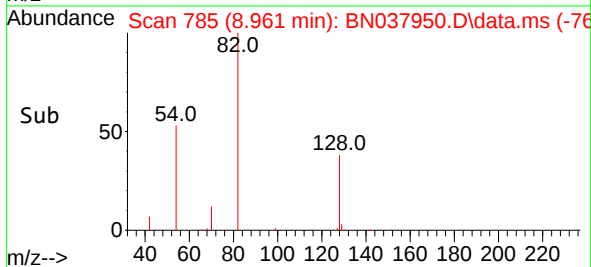
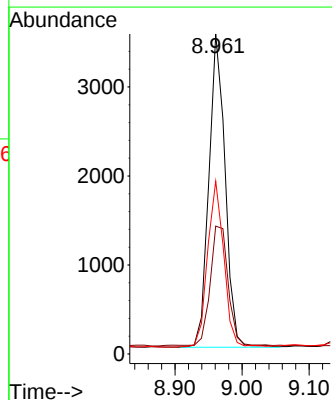
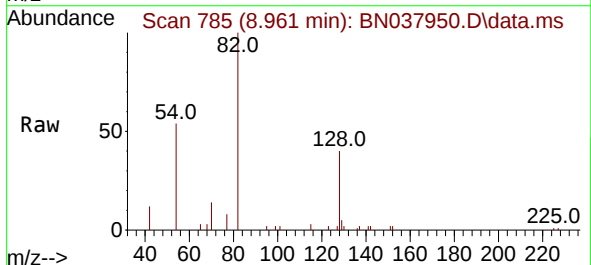
Instrument :
BNA_N
ClientSampleId :
TT149S1-20250922

Tgt Ion:136	Resp:	24701
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	7.8	5.8 8.8
68	6.1	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

Tgt Ion: 82	Resp:	5941
Ion Ratio	Lower	Upper
82	100	
128	39.9	34.8 52.2
54	54.0	42.2 63.2

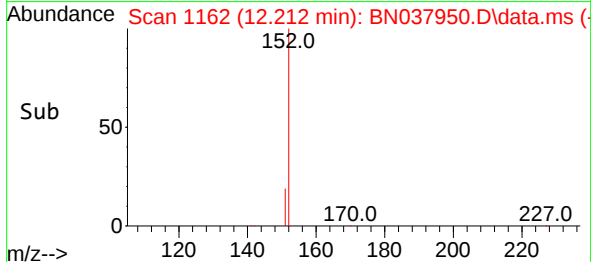
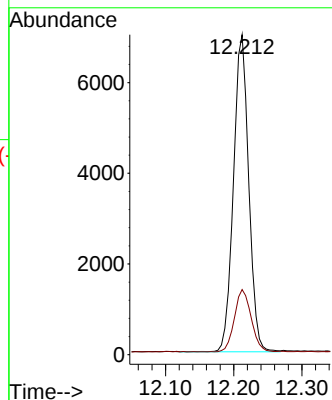
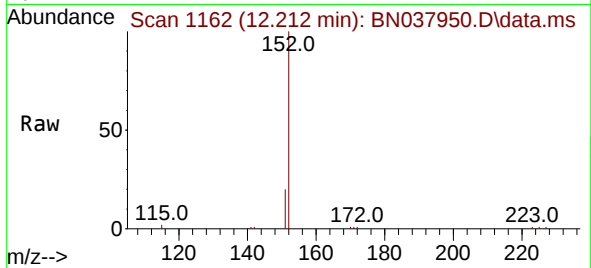




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

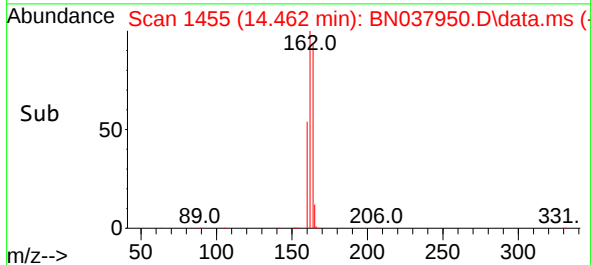
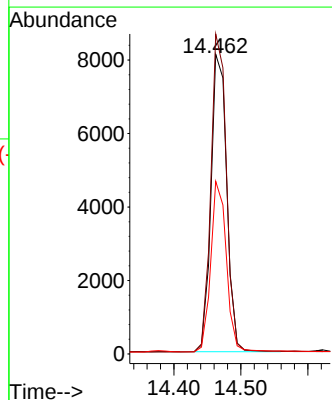
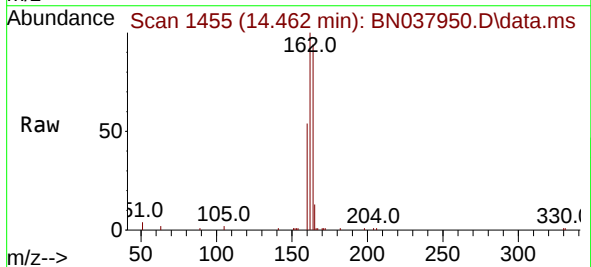
Instrument :
BNA_N
ClientSampleId :
TT149S1-20250922

Tgt Ion:152 Resp: 10860
Ion Ratio Lower Upper
152 100
151 21.5 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: BN037950.D
Acq: 30 Sep 2025 17:46

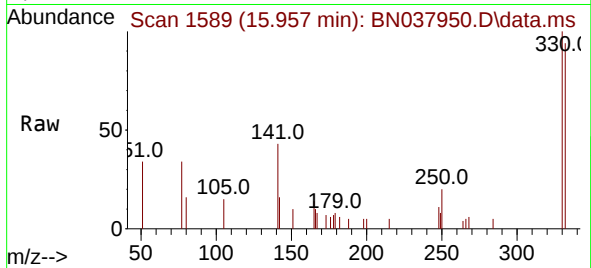
Tgt Ion:164 Resp: 13182
Ion Ratio Lower Upper
164 100
162 106.8 84.8 127.2
160 57.6 46.1 69.1



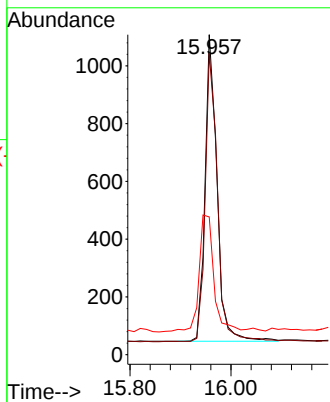
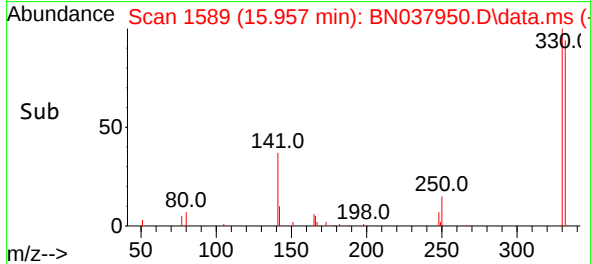


#14
 2,4,6-Tribromophenol
 Concen: 0.350 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN037950.D
 Acq: 30 Sep 2025 17:46

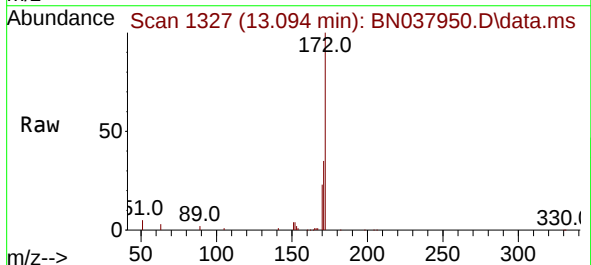
Instrument :
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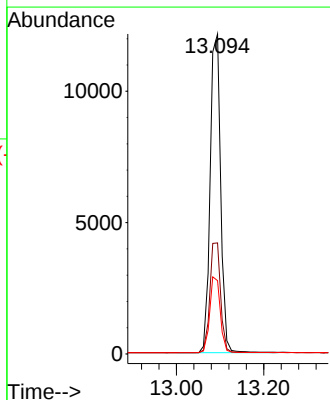
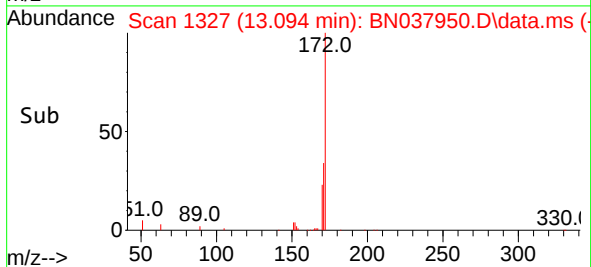
Tgt Ion:330 Resp: 1747
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.2 115.8
 141 47.6 37.2 55.8

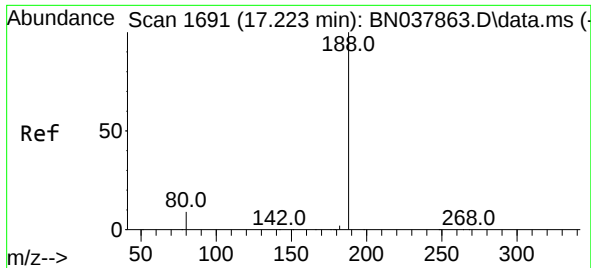


#15
 2-Fluorobiphenyl
 Concen: 0.364 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037950.D
 Acq: 30 Sep 2025 17:46



Tgt Ion:172 Resp: 19652
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 43.0
 170 22.9 19.7 29.5

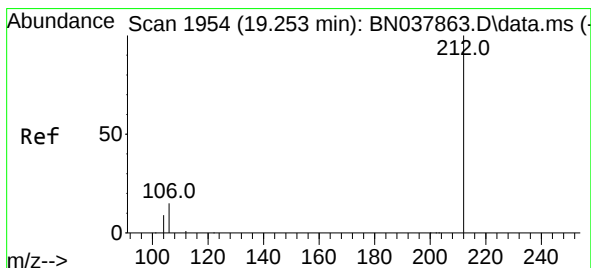
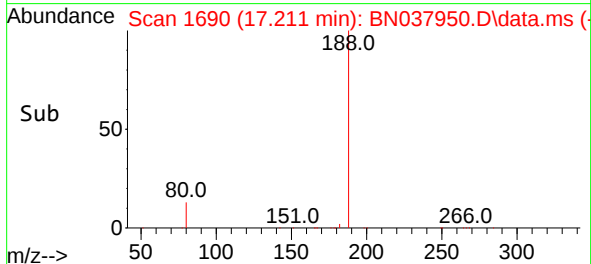
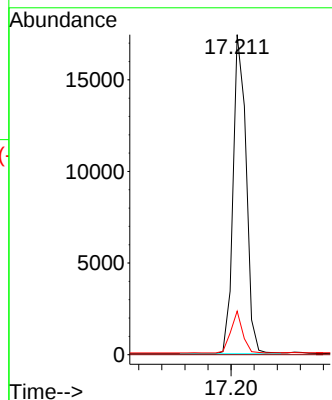
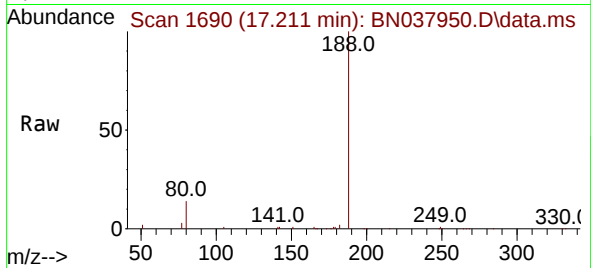




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

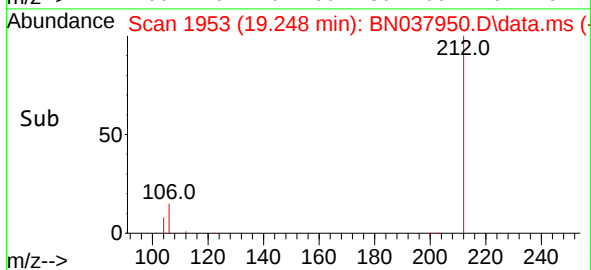
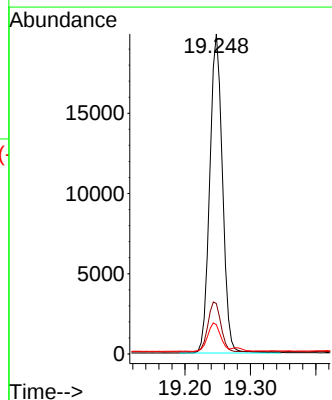
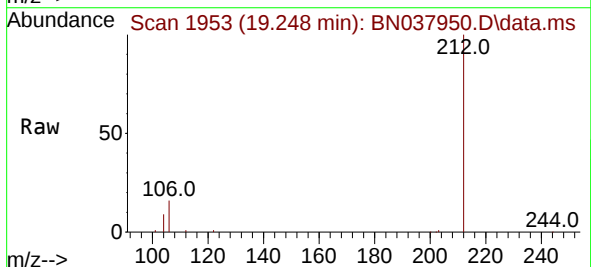
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BNA_N
ClientSampleId :
TT149S1-20250922

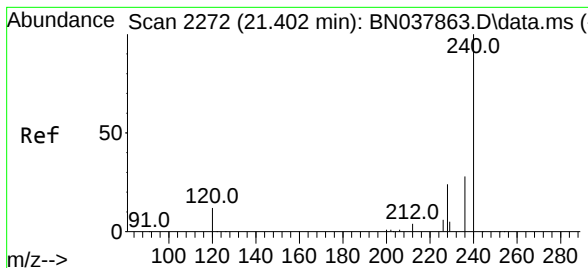
Tgt Ion:188 Resp: 27317
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037950.D
Acq: 30 Sep 2025 17:46

Tgt Ion:212 Resp: 26822
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.2 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: BN037950.D

Acq: 30 Sep 2025 17:46

Instrument :

BNA_N

ClientSampleId :

TT149S1-20250922

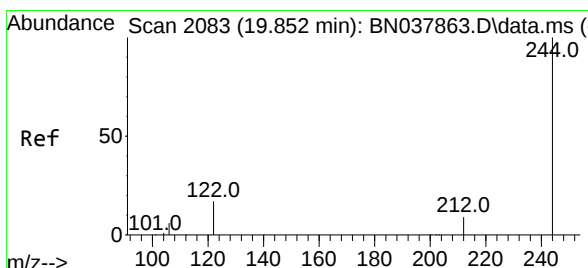
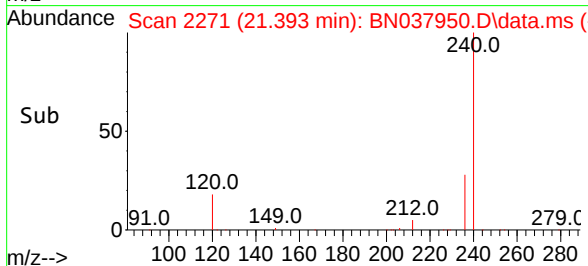
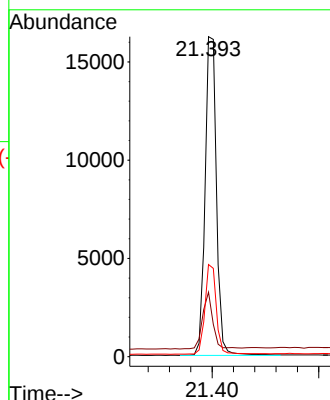
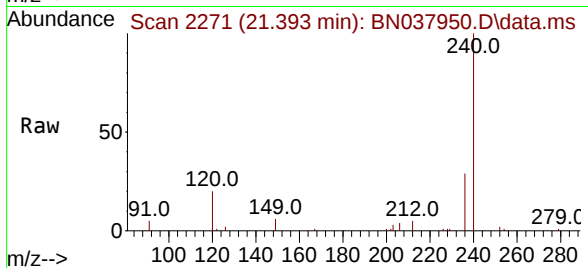
Tgt Ion:240 Resp: 23956

Ion Ratio Lower Upper

240 100

120 20.2 11.4 17.2#

236 28.8 23.0 34.6



#31

Terphenyl-d14

Concen: 0.523 ng

RT: 19.843 min Scan# 2081

Delta R.T. -0.009 min

Lab File: BN037950.D

Acq: 30 Sep 2025 17:46

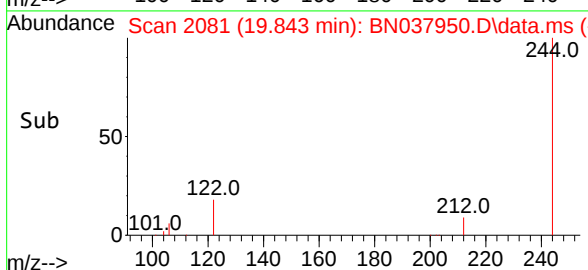
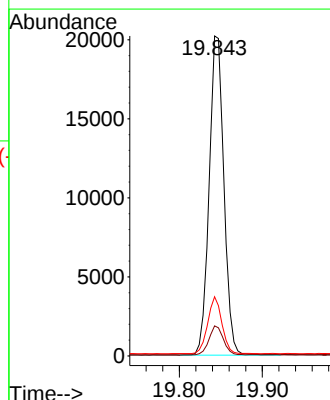
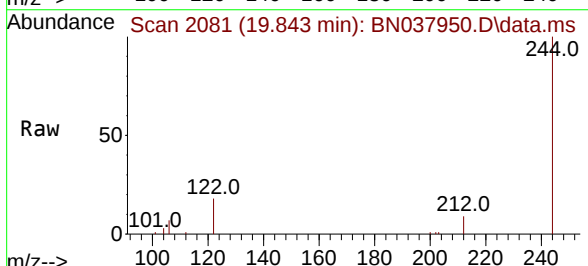
Tgt Ion:244 Resp: 24948

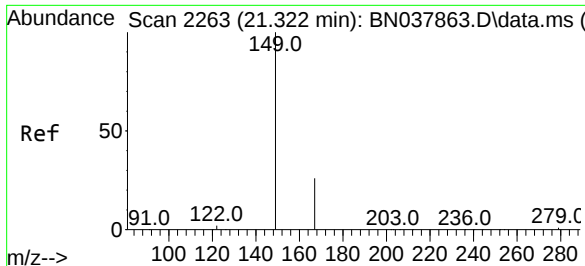
Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

122 18.5 13.9 20.9

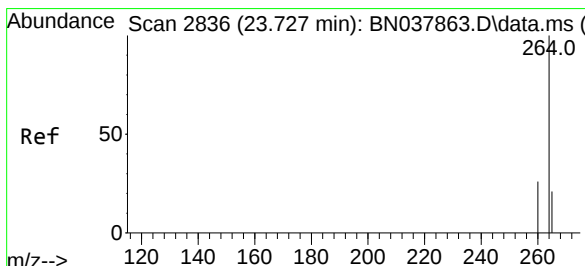
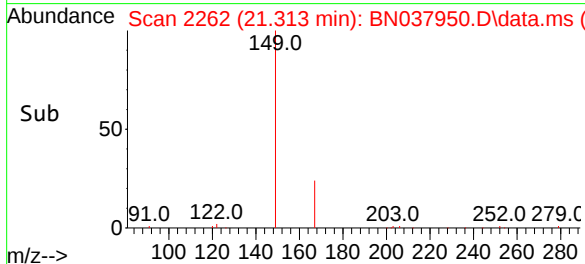
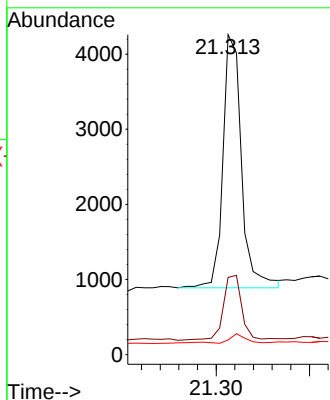
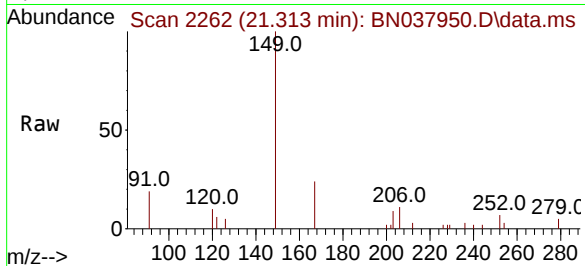




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.140 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037950.D
 Acq: 30 Sep 2025 17:46

Instrument :
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 TT149S1-20250922

Tgt Ion:149 Resp: 4645
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.4 30.6
 279 3.1 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.721 min Scan# 2834
 Delta R.T. -0.006 min
 Lab File: BN037950.D
 Acq: 30 Sep 2025 17:46

Tgt Ion:264 Resp: 22179
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.5 32.3
 265 61.9 53.8 80.6

