

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037957.D
 Acq On : 30 Sep 2025 22:01
 Operator : RC/JU
 Sample : Q3193-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20250923

Quant Time: Oct 01 01:24:10 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)

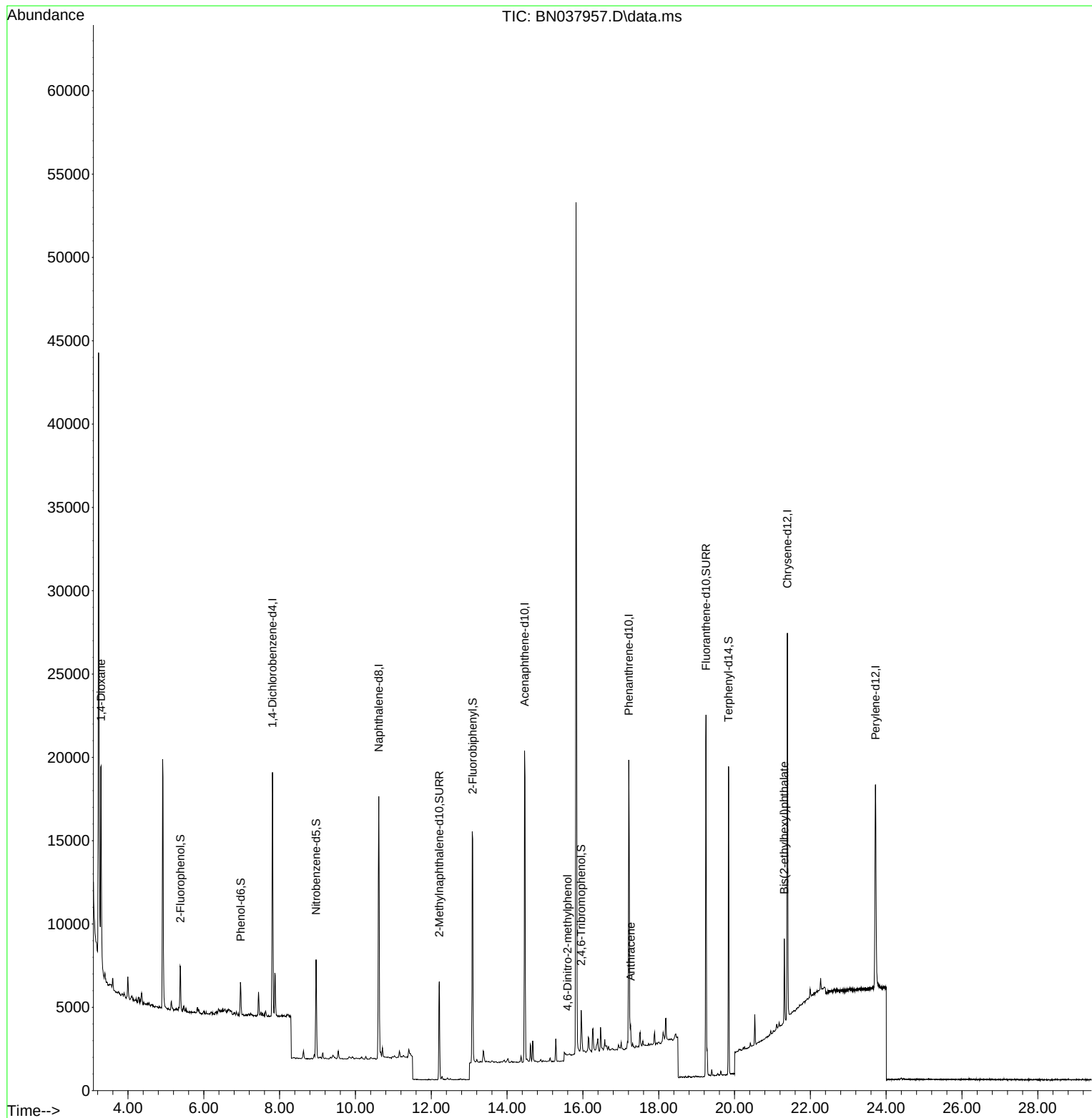
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7098	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	20498	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	10965	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23447	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	19827	0.400	ng	0.00
35) Perylene-d12	23.718	264	17505	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2175	0.134	ng	0.00
5) Phenol-d6	6.973	99	1793	0.084	ng	0.00
8) Nitrobenzene-d5	8.961	82	4647	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	7963	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1391	0.335	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	13104	0.292	ng	0.00
27) Fluoranthene-d10	19.248	212	23071	0.391	ng	0.00
31) Terphenyl-d14	19.842	244	16794	0.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	8294	1.151	ng	98
20) 4,6-Dinitro-2-methylph...	15.597	198	17	0.073	ng	# 1
26) Anthracene	17.260	178	1537	0.023	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.313	149	4528	0.165	ng	100

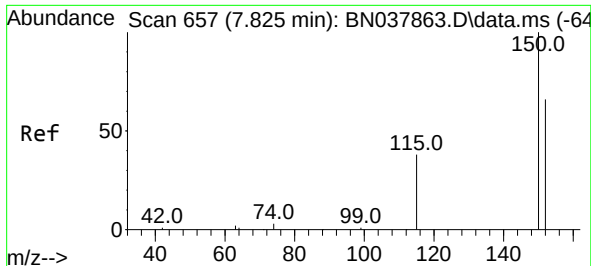
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037957.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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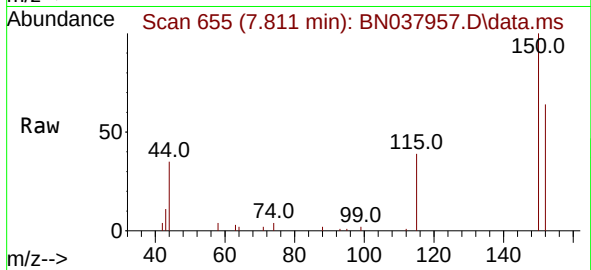
Quant Time: Oct 01 01:24:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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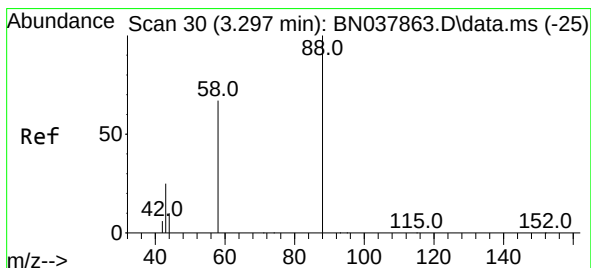
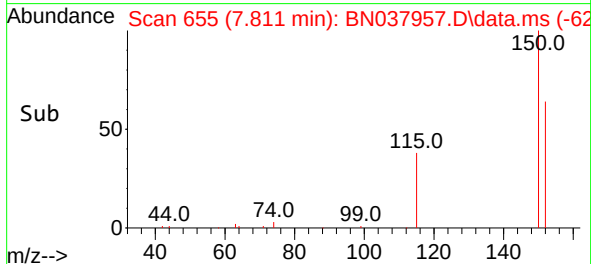
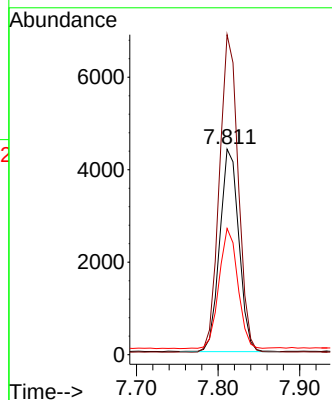
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037957.D
 Acq: 30 Sep 2025 22:01

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20250923



Tgt Ion:152 Resp: 7098

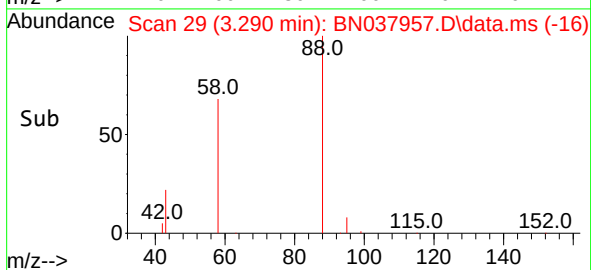
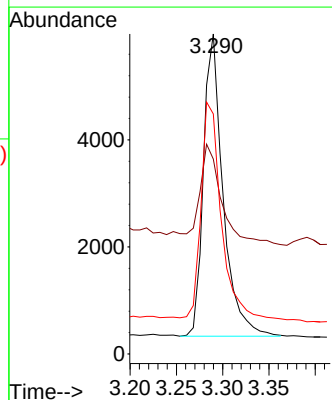
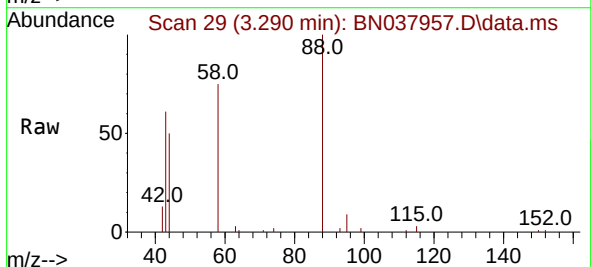
Ion	Ratio	Lower	Upper
152	100		
150	155.6	121.0	181.4
115	61.4	47.4	71.0

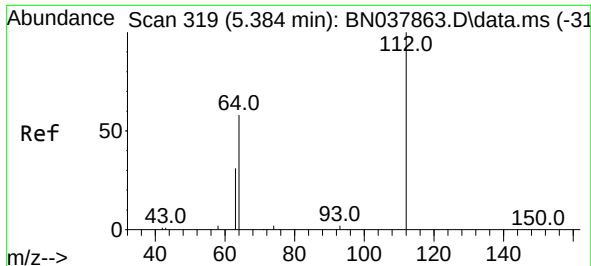


#2
 1,4-Dioxane
 Concen: 1.151 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037957.D
 Acq: 30 Sep 2025 22:01

Tgt Ion: 88 Resp: 8294

Ion	Ratio	Lower	Upper
88	100		
43	36.4	26.6	39.8
58	73.4	58.9	88.3

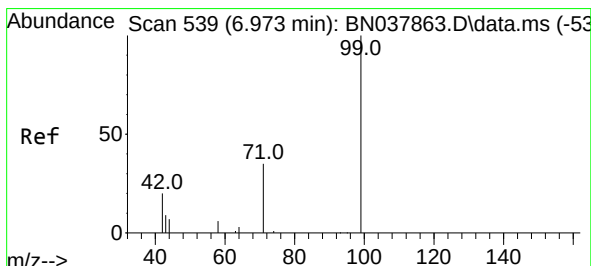
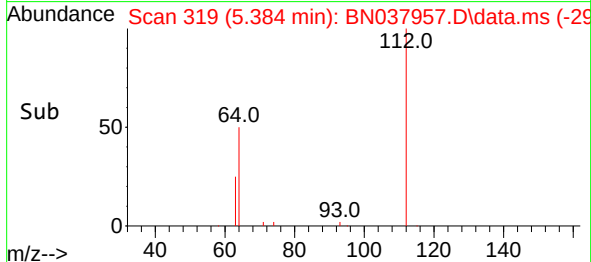
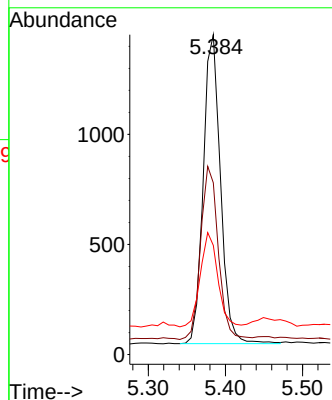
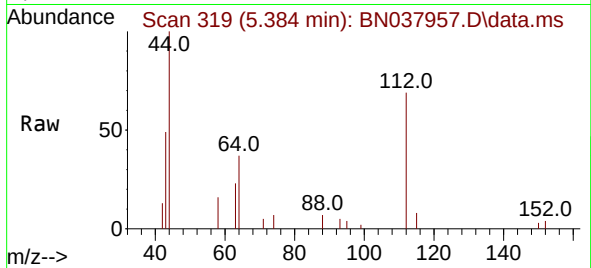




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

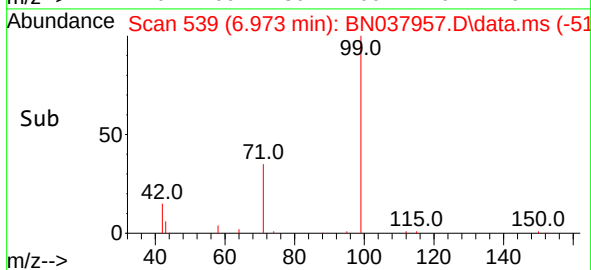
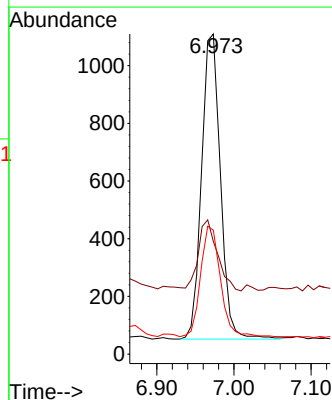
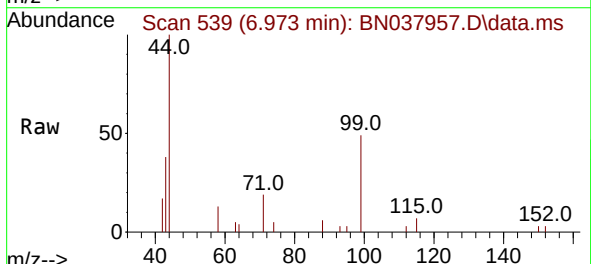
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250923

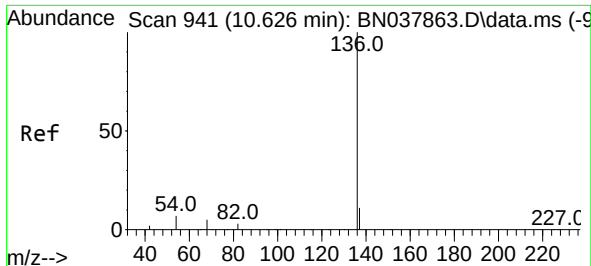
Tgt Ion: 112 Resp: 2175
Ion Ratio Lower Upper
112 100
64 57.1 44.6 66.8
63 31.1 24.9 37.3



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

Tgt Ion: 99 Resp: 1793
Ion Ratio Lower Upper
99 100
42 23.8 17.2 25.8
71 38.1 27.3 40.9

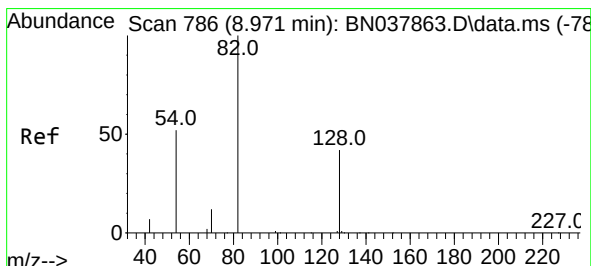
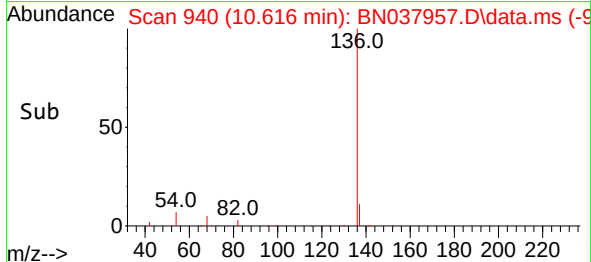
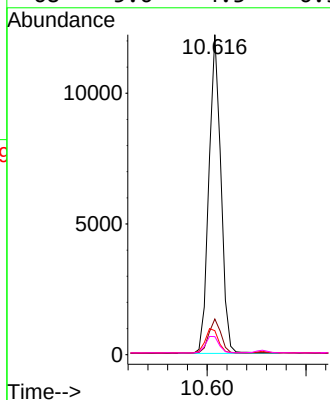
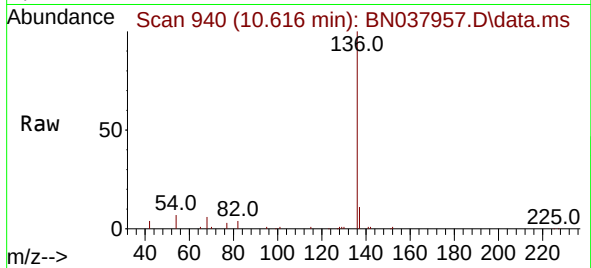




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

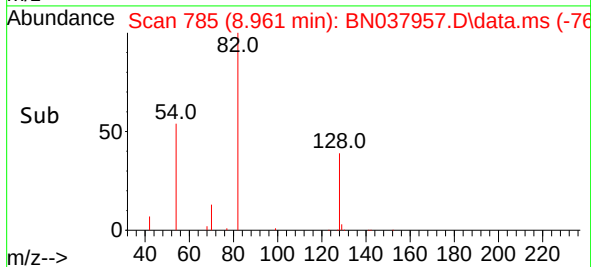
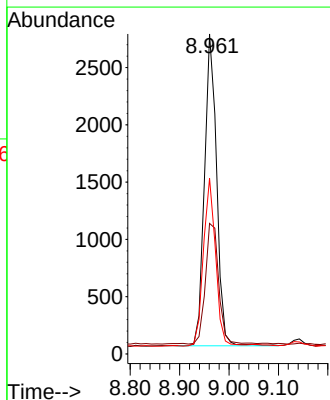
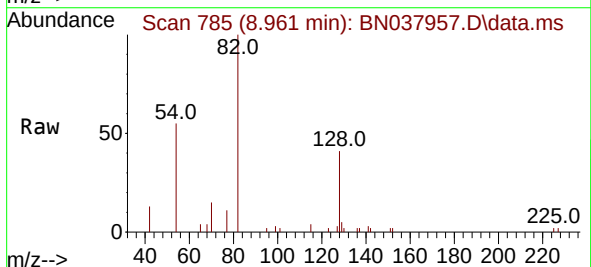
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250923

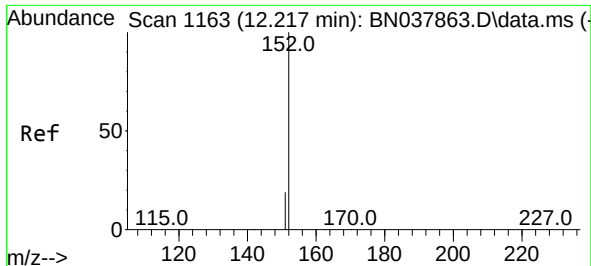
Tgt Ion:	136	Resp:	20498
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.5	5.8	8.8
68	5.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

Tgt Ion:	82	Resp:	4647
Ion Ratio	Lower	Upper	
82	100		
128	40.8	34.8	52.2
54	54.9	42.2	63.2

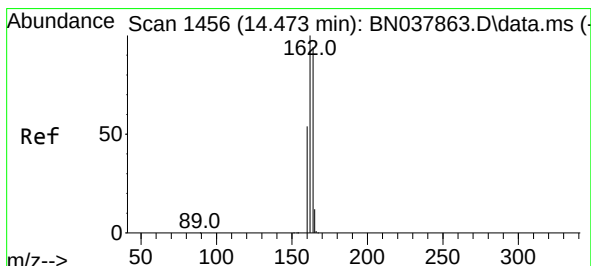
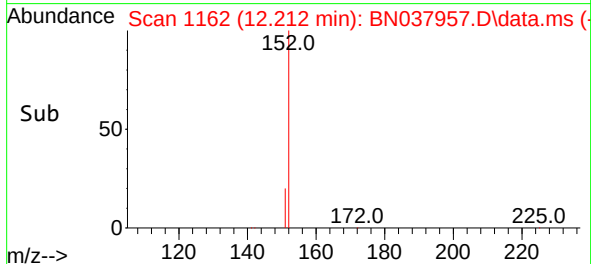
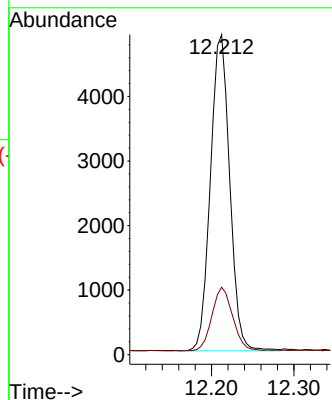
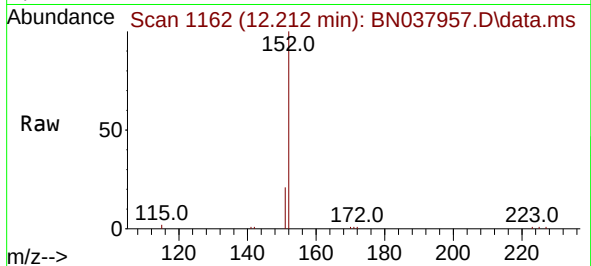




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

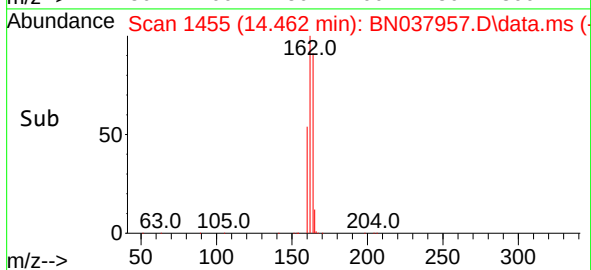
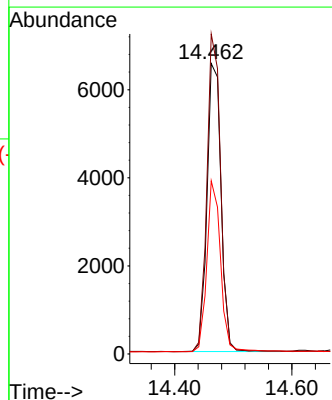
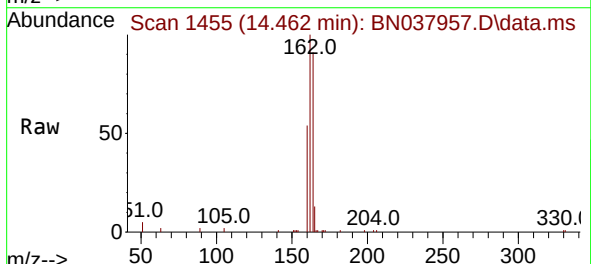
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250923

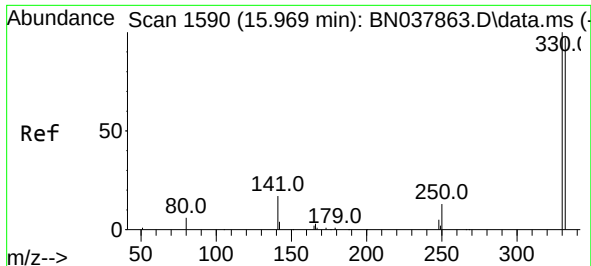
Tgt Ion:152 Resp: 7963
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

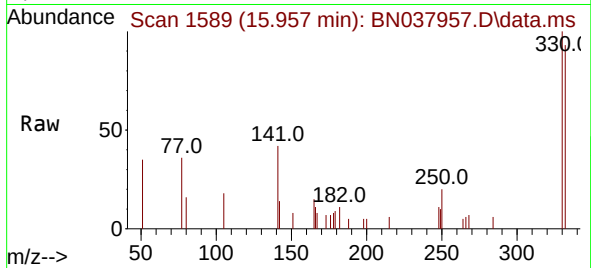
Tgt Ion:164 Resp: 10965
Ion Ratio Lower Upper
164 100
162 110.2 84.8 127.2
160 59.6 46.1 69.1



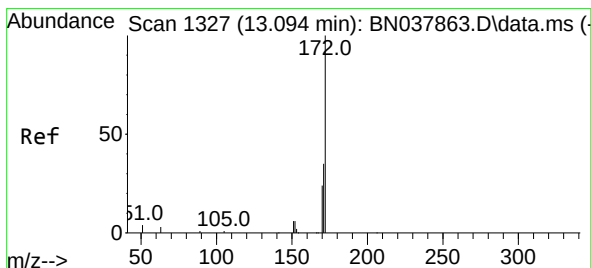
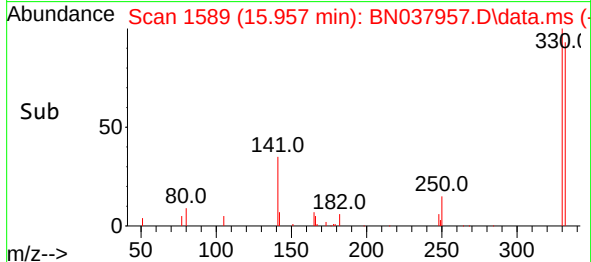
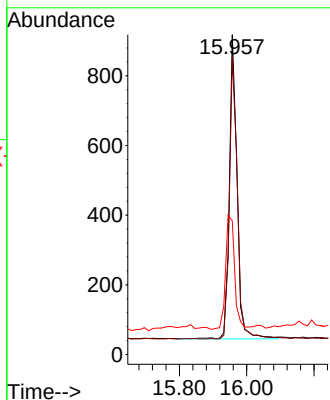


#14
 2,4,6-Tribromophenol
 Concen: 0.335 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN037957.D
 Acq: 30 Sep 2025 22:01

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20250923

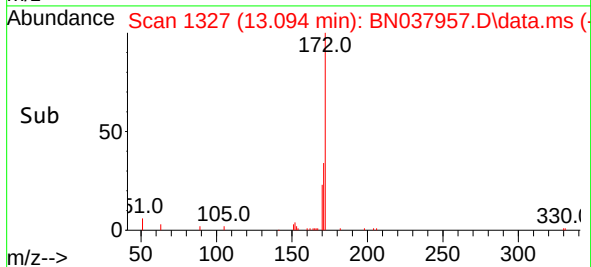
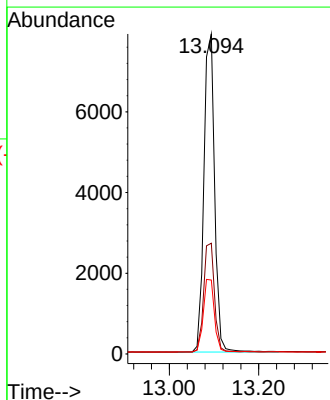
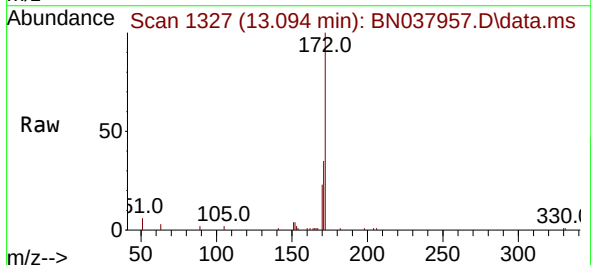


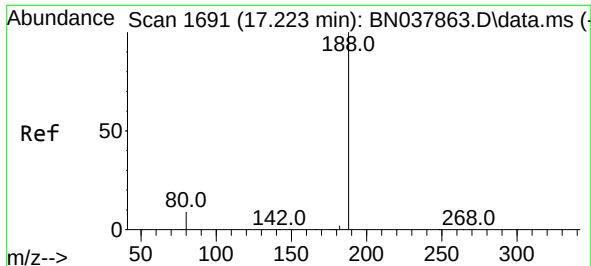
Tgt Ion:330 Resp: 1391
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.2 115.8
 141 43.9 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.292 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037957.D
 Acq: 30 Sep 2025 22:01

Tgt Ion:172 Resp: 13104
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 43.0
 170 23.1 19.7 29.5

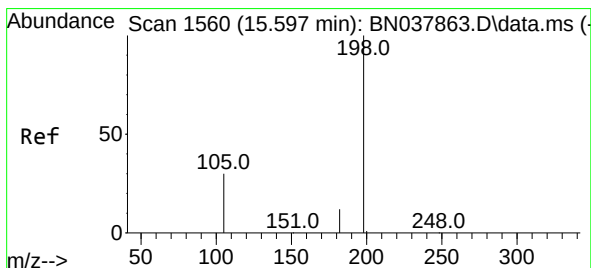
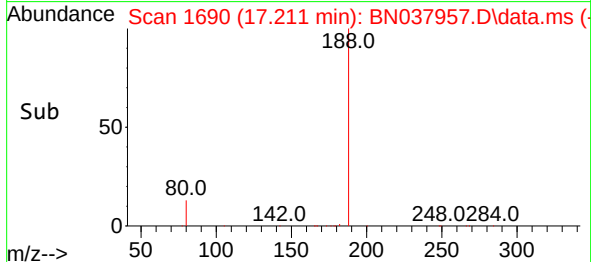
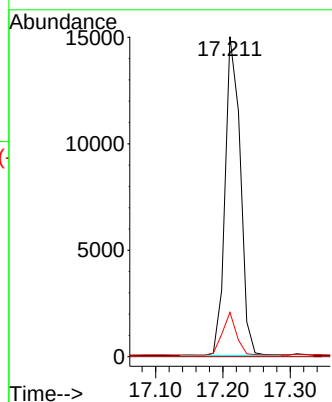
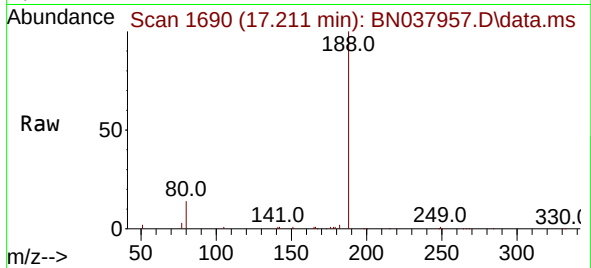




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

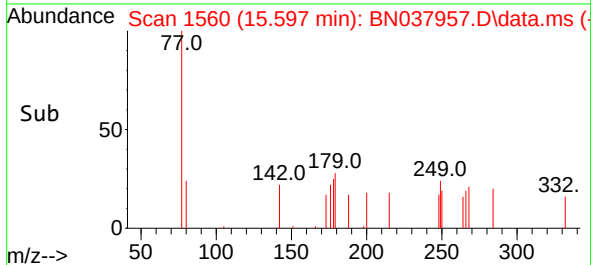
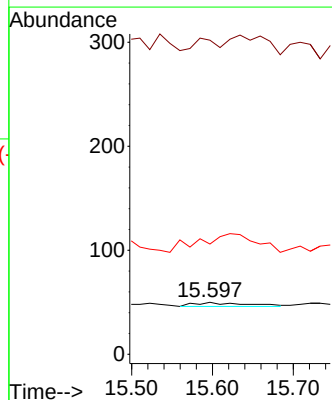
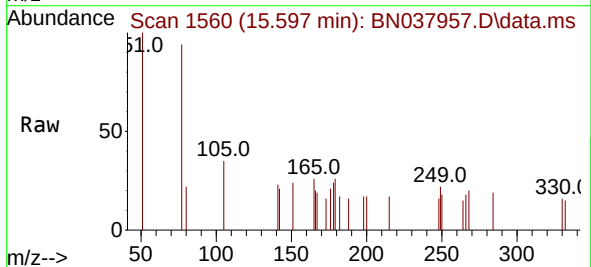
Instrument :
BNA_N
ClientSampleId :
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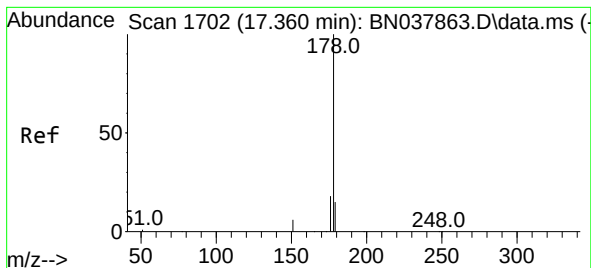
Tgt Ion:188 Resp: 23447
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 604.0 59.1 88.7#
105 212.0 41.3 61.9#





#26

Anthracene

Concen: 0.023 ng

RT: 17.260 min Scan# 1694

Delta R.T. -0.099 min

Lab File: BN037957.D

Acq: 30 Sep 2025 22:01

Instrument :

BNA_N

ClientSampleId :

TT172S1-20250923

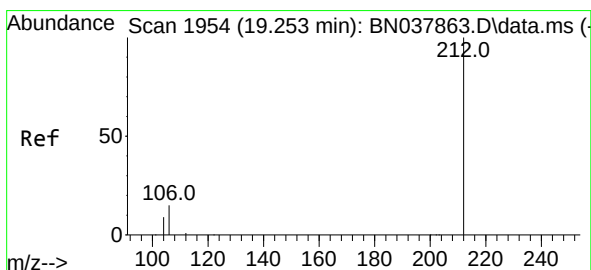
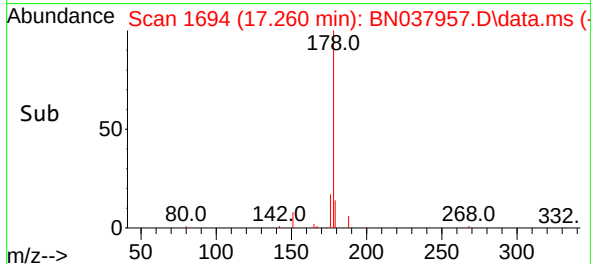
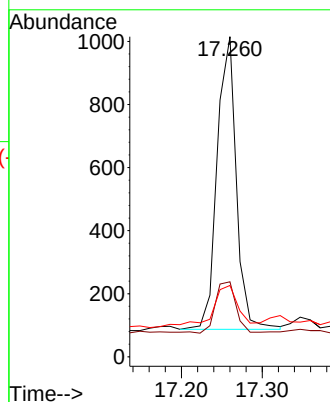
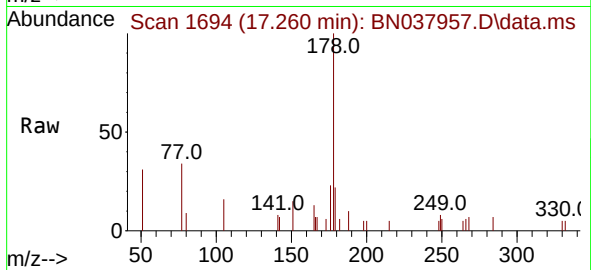
Tgt Ion:178 Resp: 1537

Ion Ratio Lower Upper

178 100

176 18.0 15.0 22.4

179 18.5 12.3 18.5#



#27

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.248 min Scan# 1953

Delta R.T. -0.005 min

Lab File: BN037957.D

Acq: 30 Sep 2025 22:01

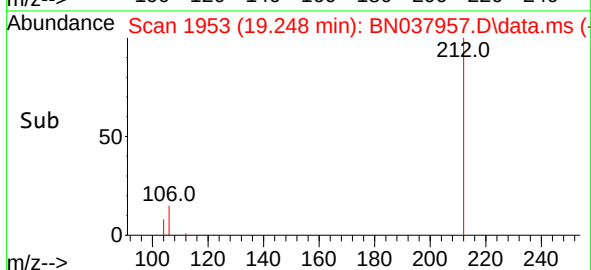
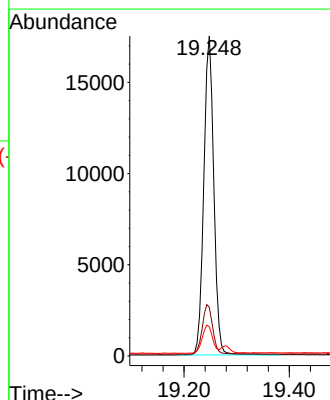
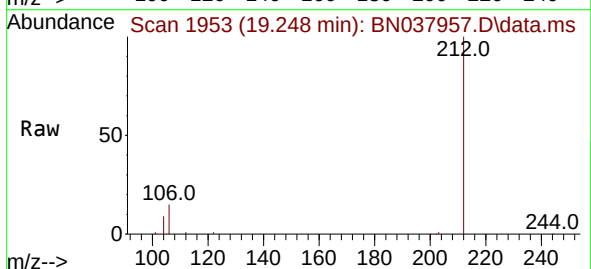
Tgt Ion:212 Resp: 23071

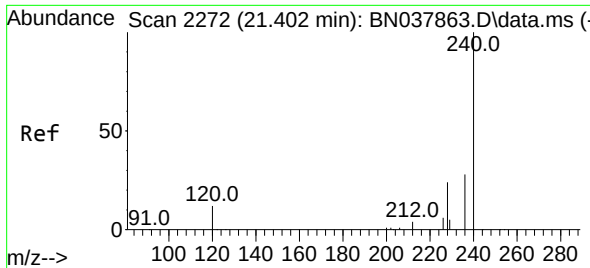
Ion Ratio Lower Upper

212 100

106 16.2 12.6 19.0

104 9.2 7.4 11.0

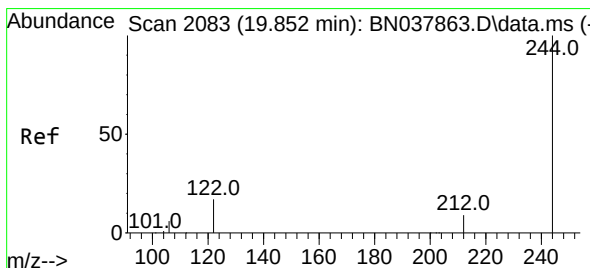
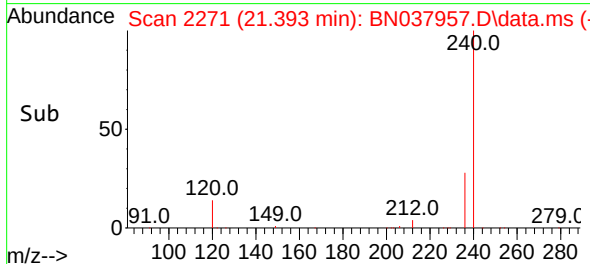
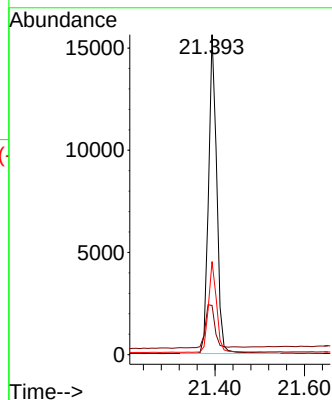
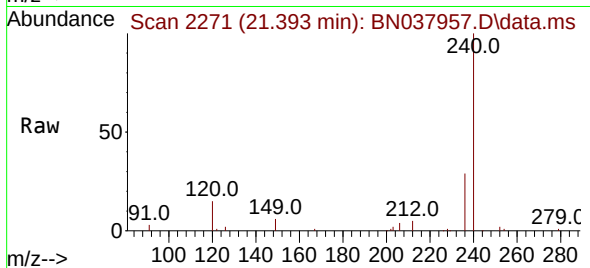




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

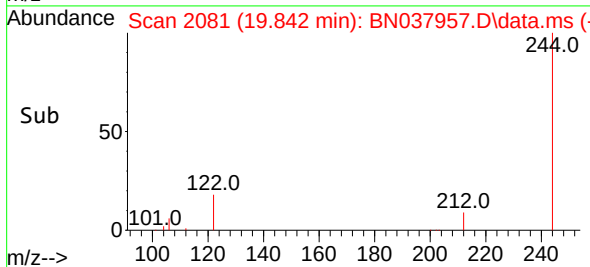
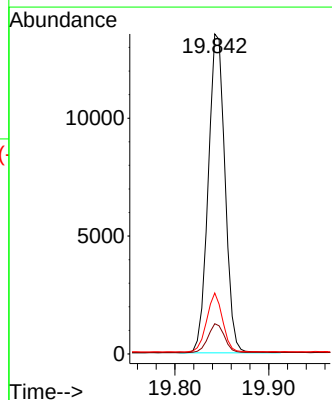
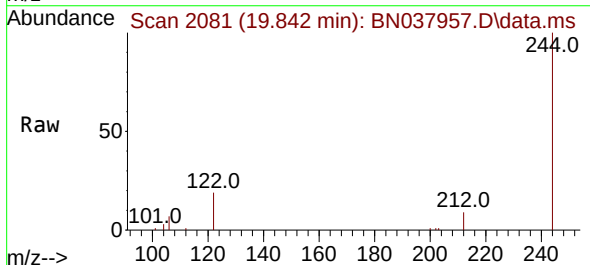
Instrument :
BNA_N
ClientSampleId :
TT172S1-20250923

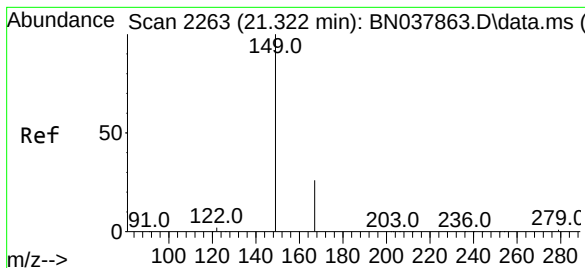
Tgt Ion:240 Resp: 19827
Ion Ratio Lower Upper
240 100
120 15.4 11.4 17.2
236 29.1 23.0 34.6



#31
Terphenyl-d14
Concen: 0.425 ng
RT: 19.842 min Scan# 2081
Delta R.T. -0.009 min
Lab File: BN037957.D
Acq: 30 Sep 2025 22:01

Tgt Ion:244 Resp: 16794
Ion Ratio Lower Upper
244 100
212 9.4 7.6 11.4
122 19.0 13.9 20.9

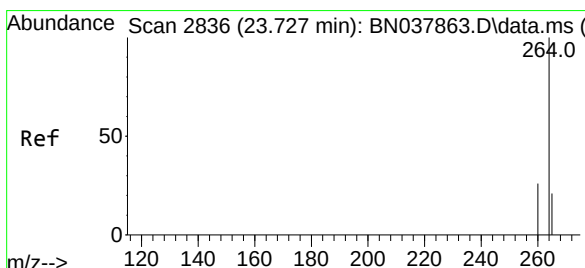
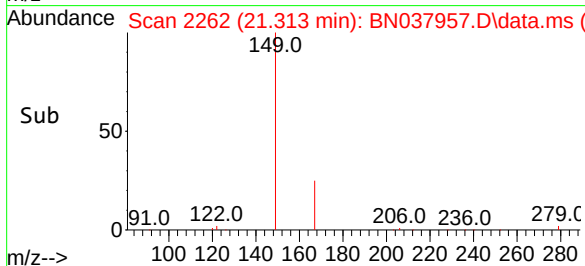
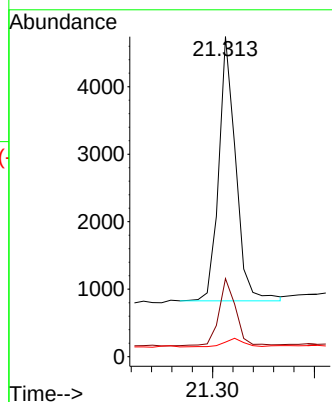
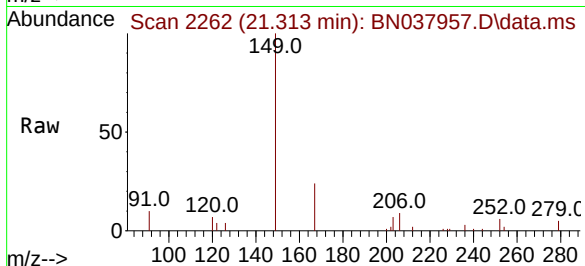




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.165 ng
 RT: 21.313 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037957.D
 Acq: 30 Sep 2025 22:01

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20250923

Tgt Ion:149 Resp: 4528
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.4 30.6
 279 3.6 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: BN037957.D
 Acq: 30 Sep 2025 22:01

Tgt Ion:264 Resp: 17505
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.5 32.3
 265 69.3 53.8 80.6

