

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037853.D
 Acq On : 22 Sep 2025 12:44
 Operator : RC/JU
 Sample : Q3127-02DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20250915DL

Quant Time: Sep 22 17:25:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

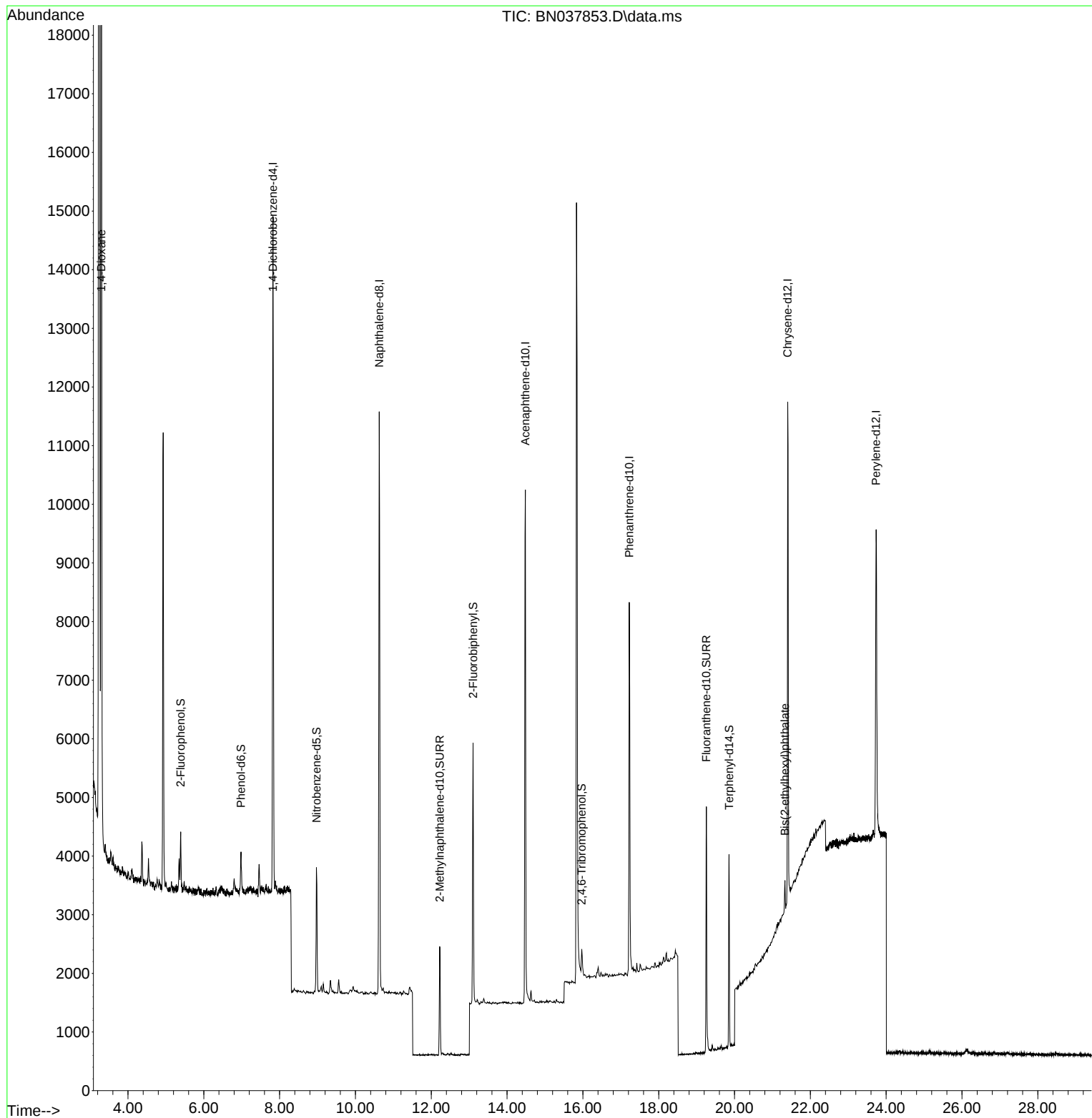
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5210	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	13414	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	5405	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	9591	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8310	0.400	ng	#-0.02
35) Perylene-d12	23.735	264	7982	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	806	0.067	ng	0.00
5) Phenol-d6	6.980	99	608	0.039	ng	0.00
8) Nitrobenzene-d5	8.971	82	1743	0.178	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	2583	0.145	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	306	0.217	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	3918	0.173	ng	-0.01
27) Fluoranthene-d10	19.257	212	4496	0.187	ng	-0.01
31) Terphenyl-d14	19.856	244	3233	0.192	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	18216	3.357	ng	96
34) Bis(2-ethylhexyl)phtha...	21.330	149	549	0.064	ng	# 95

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

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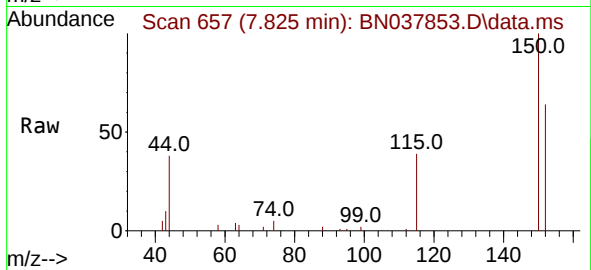
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



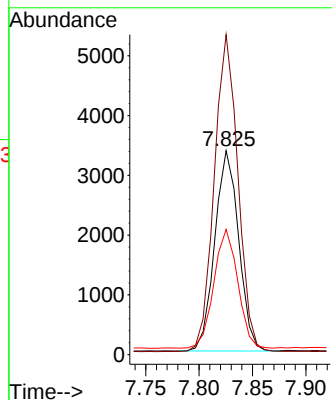
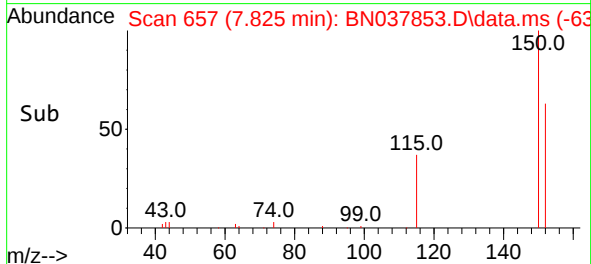


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037853.D
 Acq: 22 Sep 2025 12:44

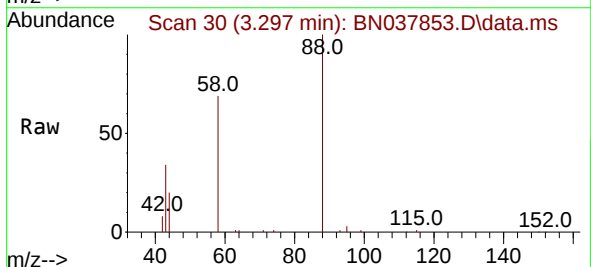
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20250915DL



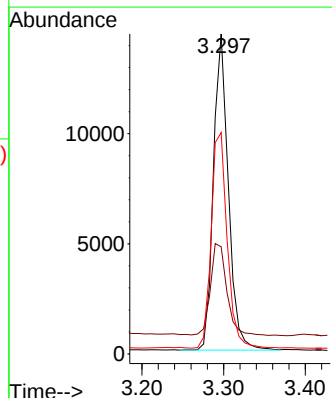
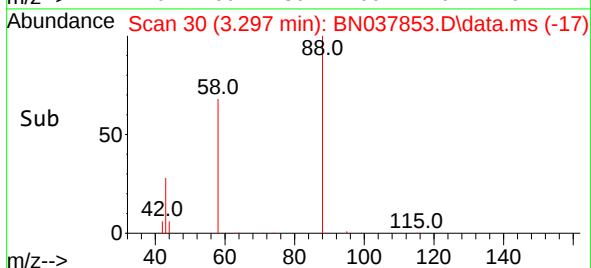
Tgt Ion:152 Resp: 5210
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 61.4 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.357 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037853.D
 Acq: 22 Sep 2025 12:44



Tgt Ion: 88 Resp: 18216
 Ion Ratio Lower Upper
 88 100
 43 31.9 26.8 40.2
 58 73.2 61.9 92.9

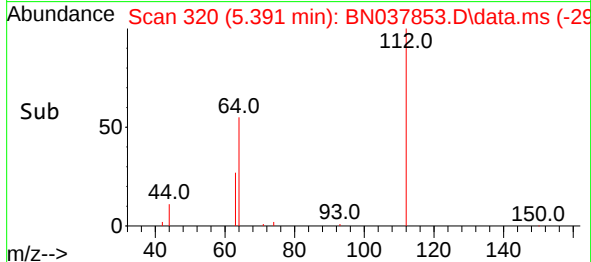
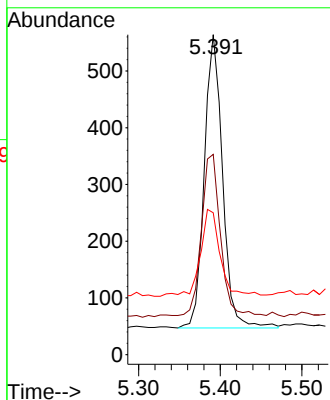
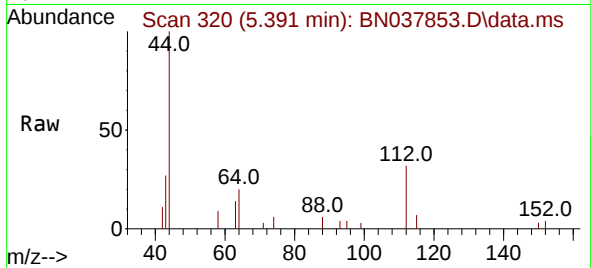




#4
2-Fluorophenol
Concen: 0.067 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037853.D
Acq: 22 Sep 2025 12:44

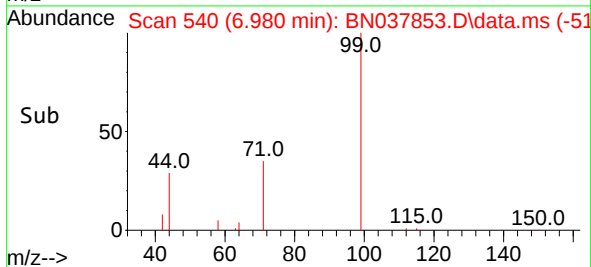
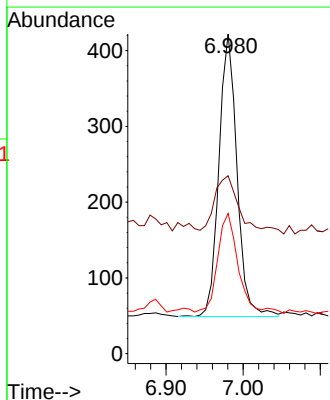
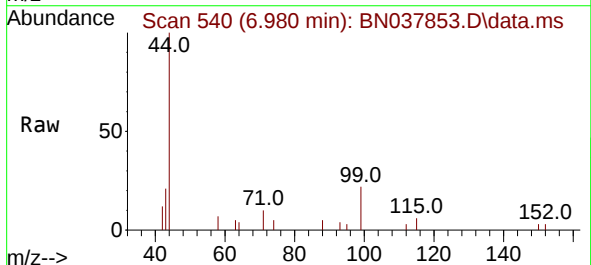
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250915DL

Tgt Ion:112 Resp: 806
Ion Ratio Lower Upper
112 100
64 56.3 44.9 67.3
63 32.0 24.7 37.1



#5
Phenol-d6
Concen: 0.039 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037853.D
Acq: 22 Sep 2025 12:44

Tgt Ion: 99 Resp: 608
Ion Ratio Lower Upper
99 100
42 23.7 16.6 24.8
71 37.8 26.7 40.1

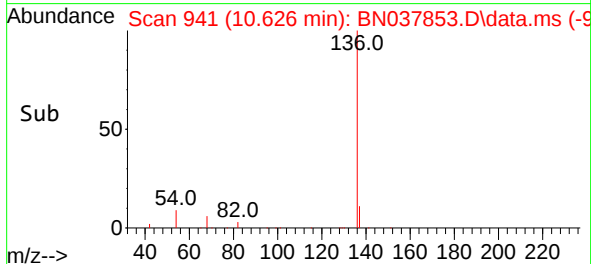
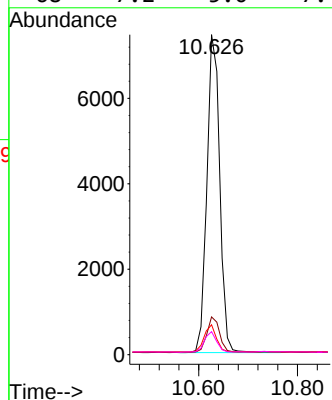
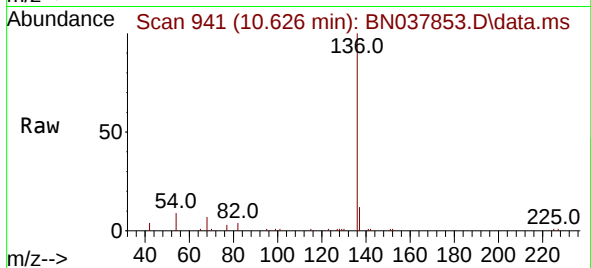




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.022 min
Lab File: BN037853.D
Acq: 22 Sep 2025 12:44

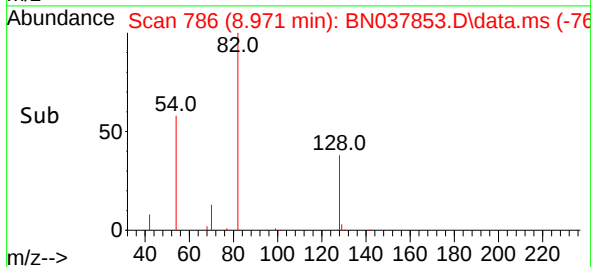
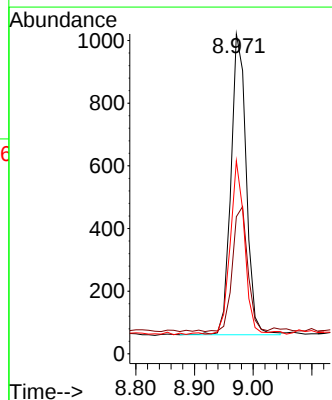
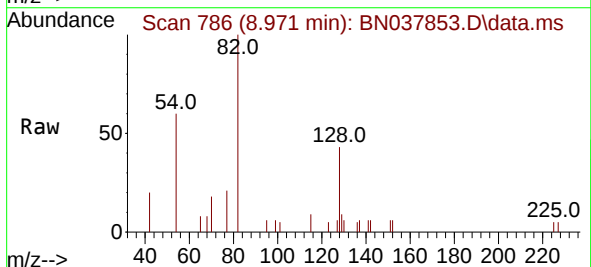
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250915DL

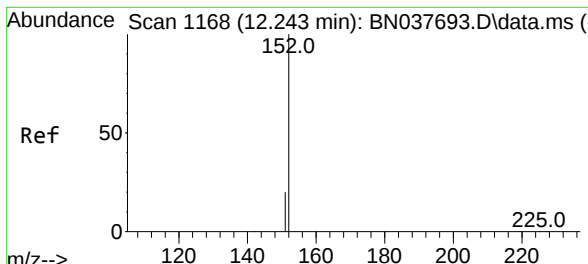
Tgt Ion:136	Resp:	13414
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.1 13.7
54	9.3	6.3 9.5
68	7.2	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.178 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.022 min
Lab File: BN037853.D
Acq: 22 Sep 2025 12:44

Tgt Ion: 82	Resp:	1743
Ion Ratio	Lower	Upper
82	100	
128	42.9	38.3 57.5
54	60.3	41.4 62.2



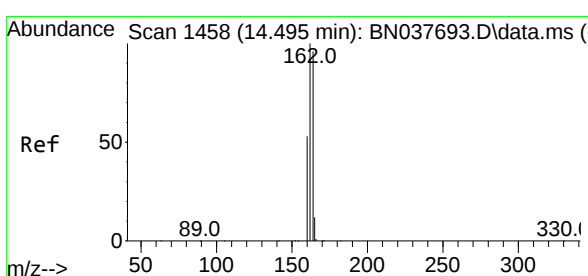
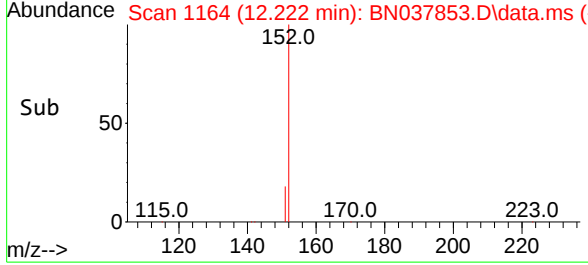
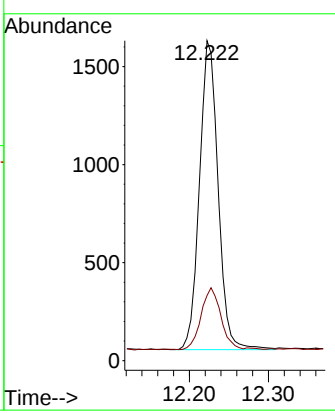
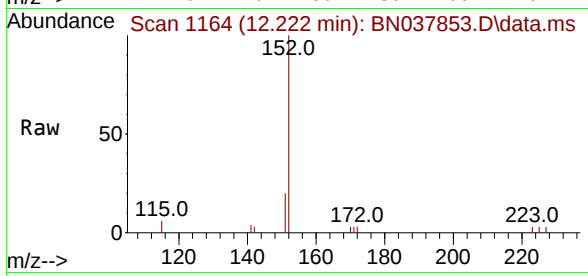


#11
 2-Methylnaphthalene-d10
 Concen: 0.145 ng
 RT: 12.222 min Scan# 1164
 Delta R.T. -0.021 min
 Lab File: BN037853.D
 Acq: 22 Sep 2025 12:44

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20250915DL

Tgt Ion:152 Resp: 2583

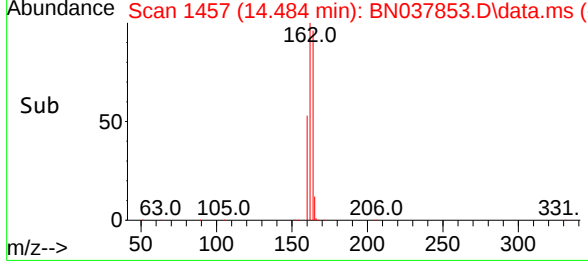
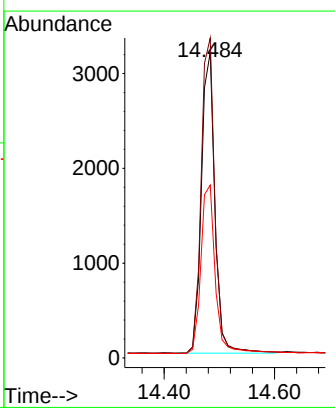
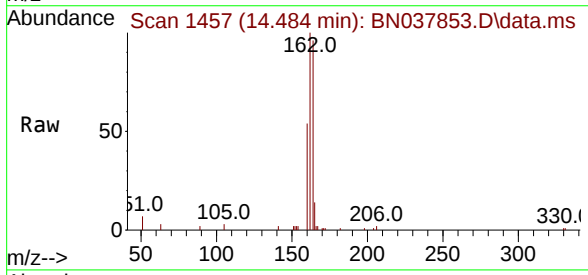
Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037853.D
 Acq: 22 Sep 2025 12:44

Tgt Ion:164 Resp: 5405

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	56.6	44.3	66.5

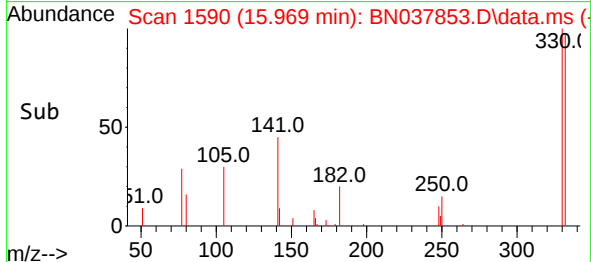
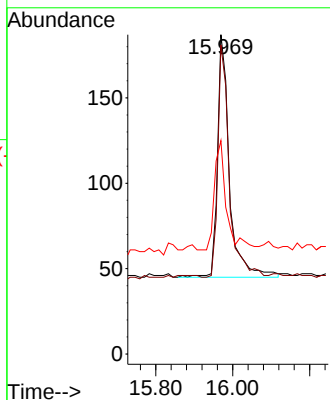
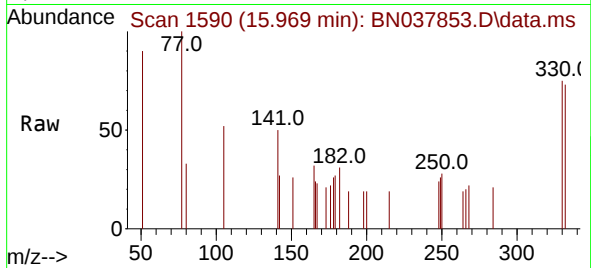




#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037853.D
Acq: 22 Sep 2025 12:44

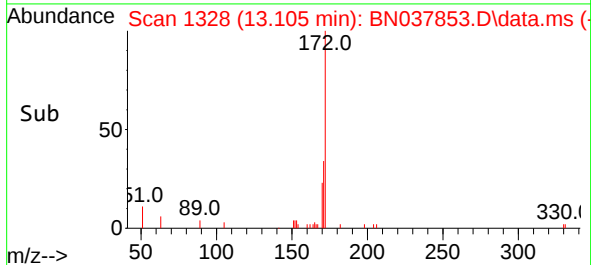
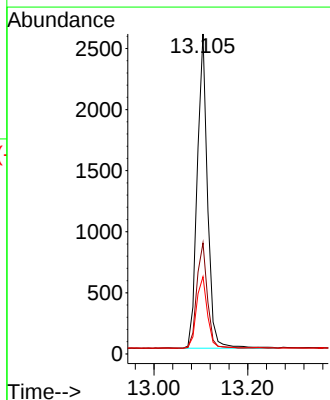
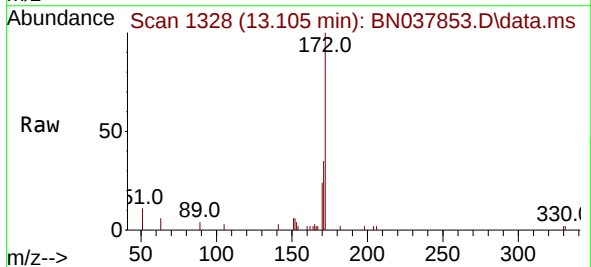
Instrument :
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RE131D1-20250915DL

Tgt Ion:330 Resp: 306
Ion Ratio Lower Upper
330 100
332 91.2 75.3 112.9
141 47.4 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.173 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037853.D
Acq: 22 Sep 2025 12:44

Tgt Ion:172 Resp: 3918
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 24.1 19.8 29.8

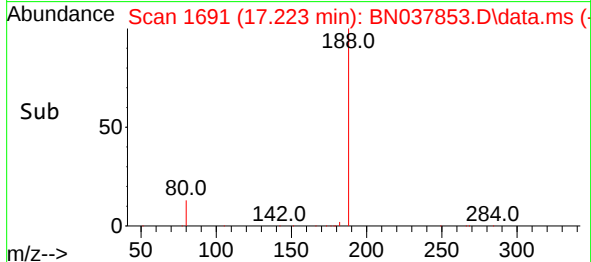
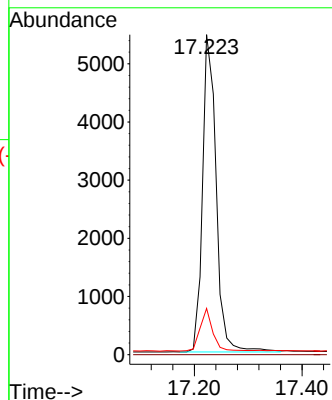
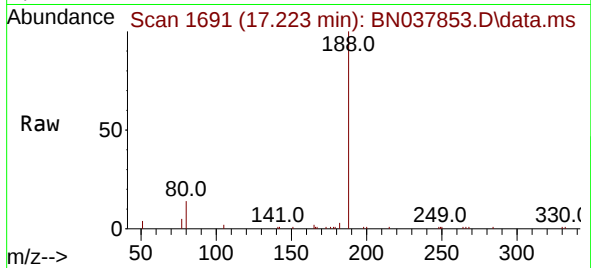




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037853.D
Acq: 22 Sep 2025 12:44

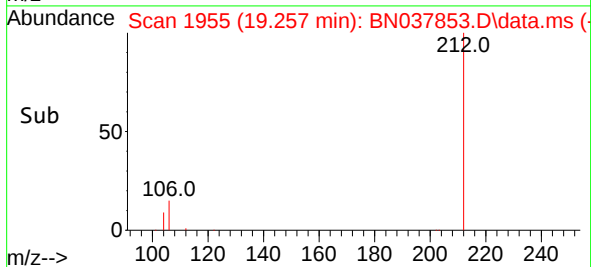
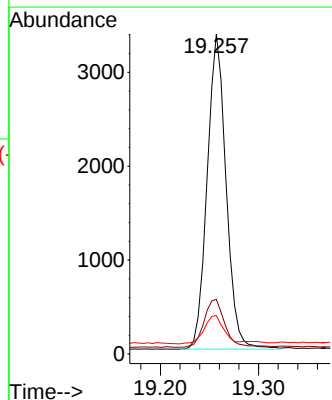
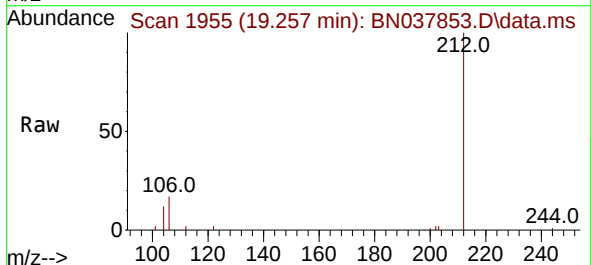
Instrument :
BNA_N
ClientSampleId :
RE131D1-20250915DL

Tgt Ion:188 Resp: 9591
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037853.D
Acq: 22 Sep 2025 12:44

Tgt Ion:212 Resp: 4496
Ion Ratio Lower Upper
212 100
106 16.6 12.2 18.2
104 9.2 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN037853.D

Acq: 22 Sep 2025 12:44

Instrument :

BNA_N

ClientSampleId :

RE131D1-20250915DL

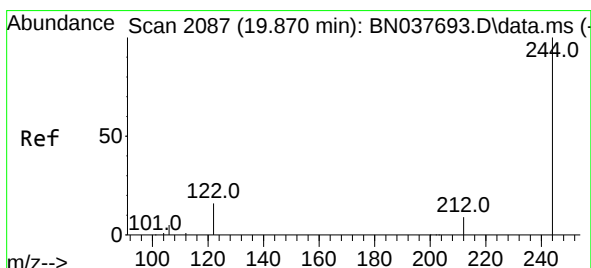
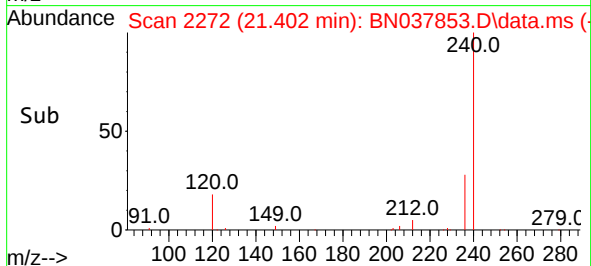
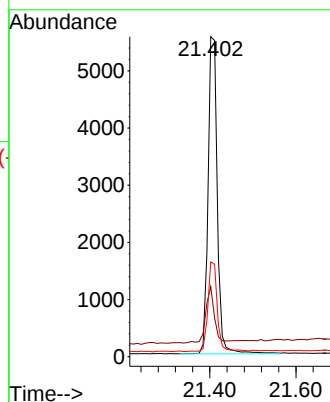
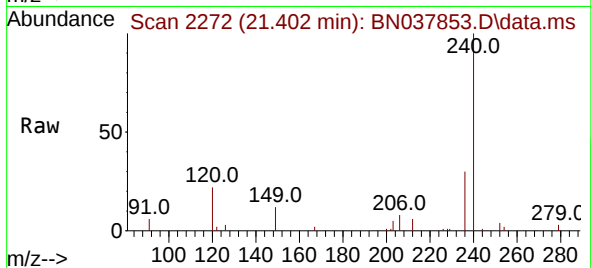
Tgt Ion:240 Resp: 8310

Ion Ratio Lower Upper

240 100

120 21.9 9.2 13.8#

236 29.6 22.6 33.8



#31

Terphenyl-d14

Concen: 0.192 ng

RT: 19.856 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037853.D

Acq: 22 Sep 2025 12:44

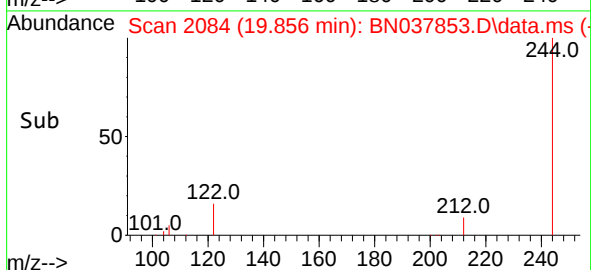
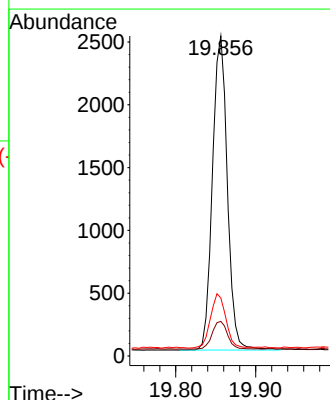
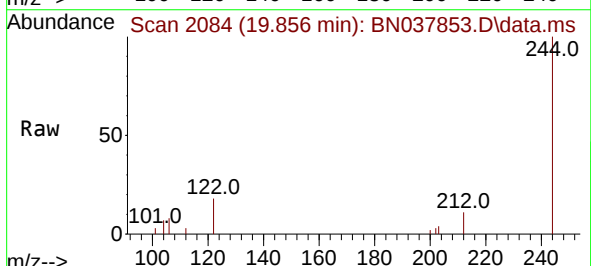
Tgt Ion:244 Resp: 3233

Ion Ratio Lower Upper

244 100

212 10.8 7.5 11.3

122 18.1 13.2 19.8

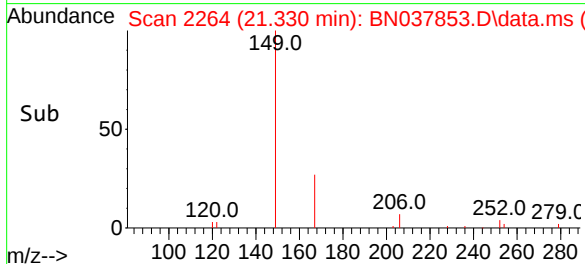
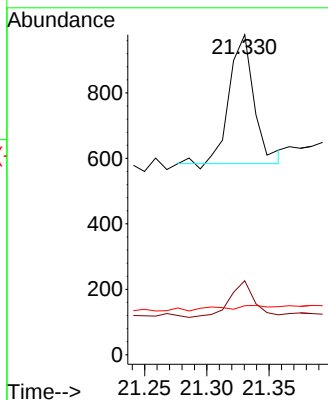
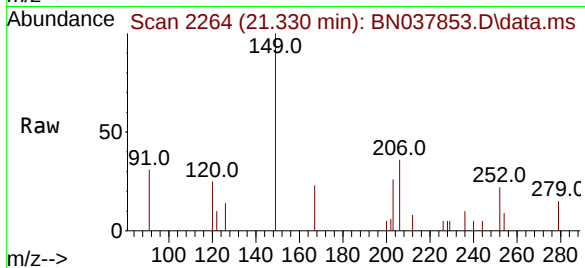




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.330 min Scan# 21330
 Delta R.T. -0.018 min
 Lab File: BN037853.D
 Acq: 22 Sep 2025 12:44

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 RE131D1-20250915DL

Tgt Ion:149 Resp: 549
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.8 31.2
 279 2.9 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.735 min Scan# 2839
 Delta R.T. -0.018 min
 Lab File: BN037853.D
 Acq: 22 Sep 2025 12:44

Tgt Ion:264 Resp: 7982
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.8 32.8
 265 98.6 39.4 59.2#

