

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037854.D
 Acq On : 22 Sep 2025 13:20
 Operator : RC/JU
 Sample : Q3127-03DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250915DL

Quant Time: Sep 22 14:01:34 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)

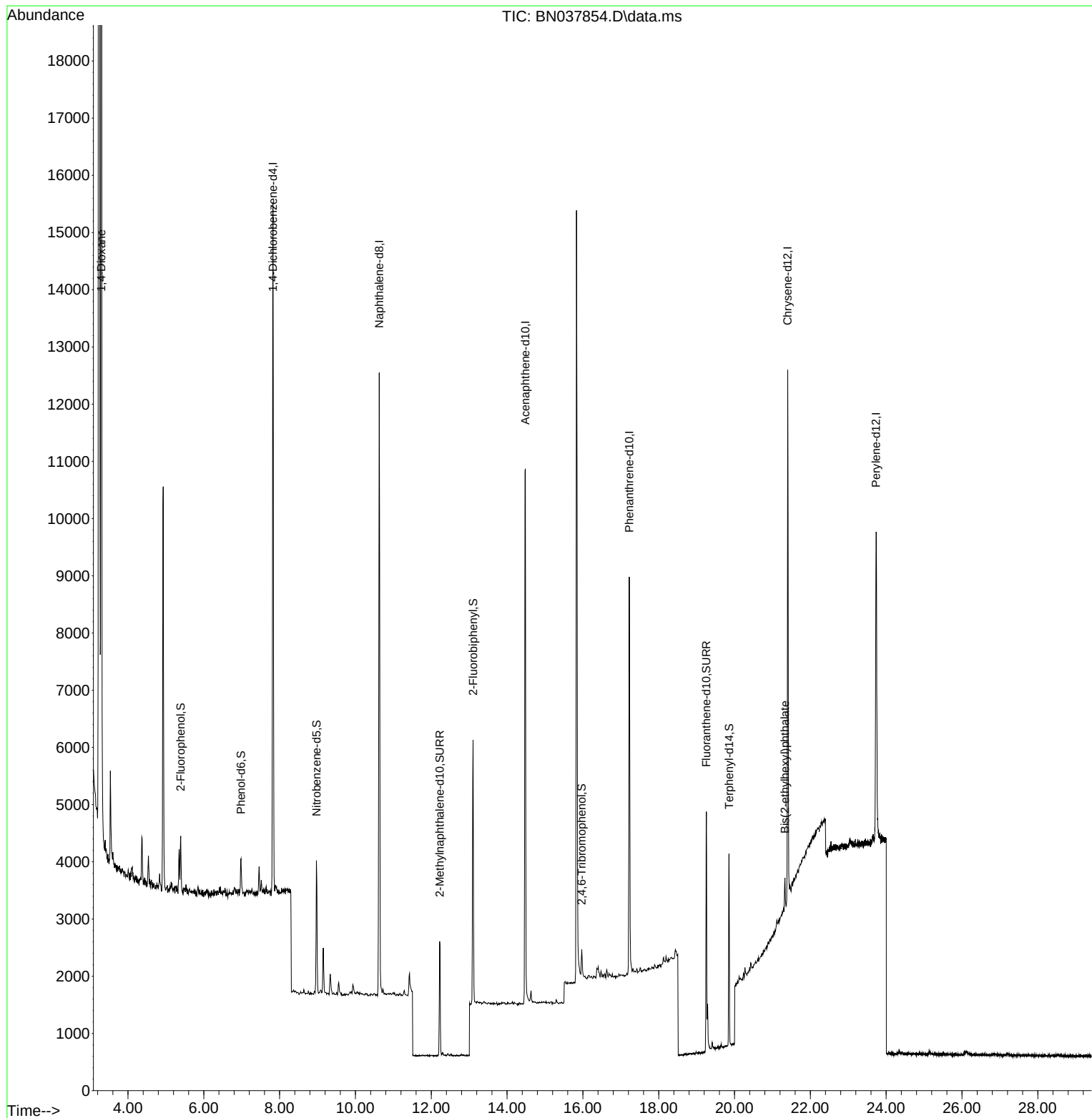
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5543	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	14287	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	5844	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	9811	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8402	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	8112	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	781	0.061	ng	0.00
5) Phenol-d6	6.980	99	574	0.035	ng	0.00
8) Nitrobenzene-d5	8.971	82	1845	0.177	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	2746	0.145	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	309	0.203	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	4134	0.169	ng	-0.01
27) Fluoranthene-d10	19.257	212	4520	0.184	ng	-0.01
31) Terphenyl-d14	19.856	244	3261	0.191	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	22805	3.950	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	587	0.068	ng	# 93

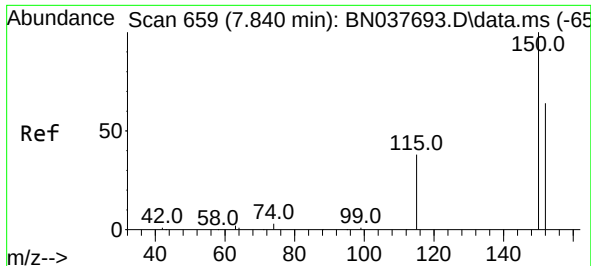
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
Data File : BN037854.D
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Operator : RC/JU
Sample : Q3127-03DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D2-20250915DL

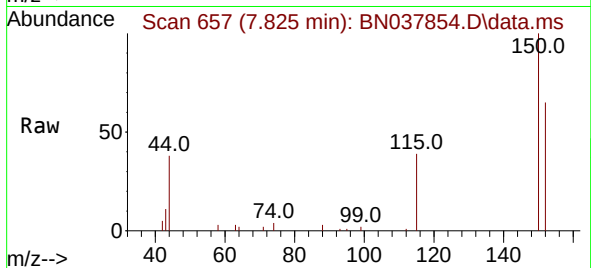
Quant Time: Sep 22 14:01:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



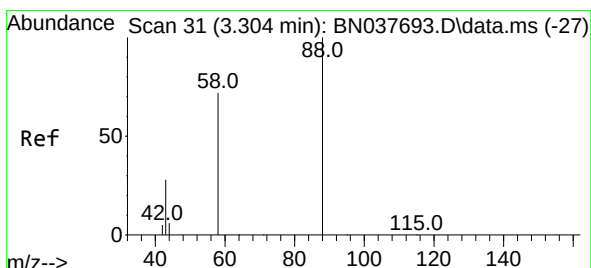
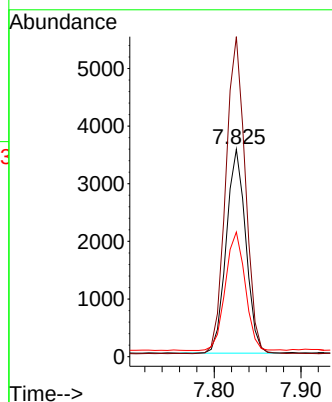
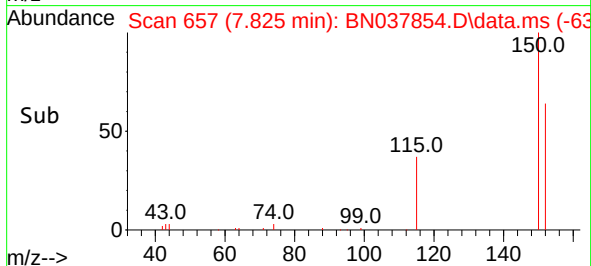


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037854.D
 Acq: 22 Sep 2025 13:20

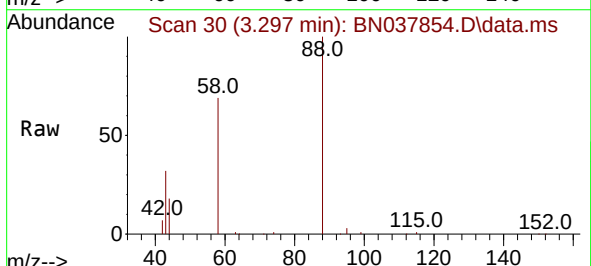
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250915DL



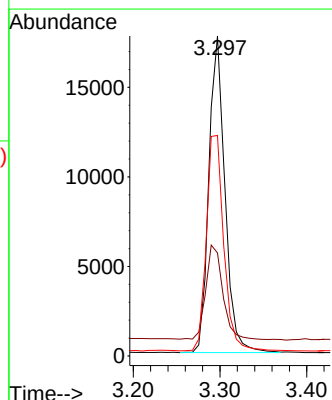
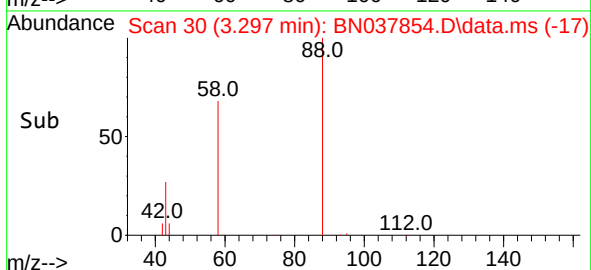
Tgt Ion:152 Resp: 5543
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.5 186.7
 115 60.1 49.2 73.8

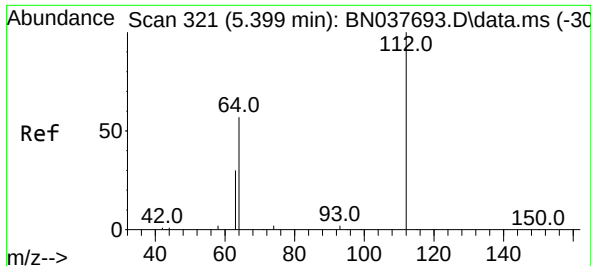


#2
 1,4-Dioxane
 Concen: 3.950 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037854.D
 Acq: 22 Sep 2025 13:20



Tgt Ion: 88 Resp: 22805
 Ion Ratio Lower Upper
 88 100
 43 31.3 26.8 40.2
 58 73.8 61.9 92.9

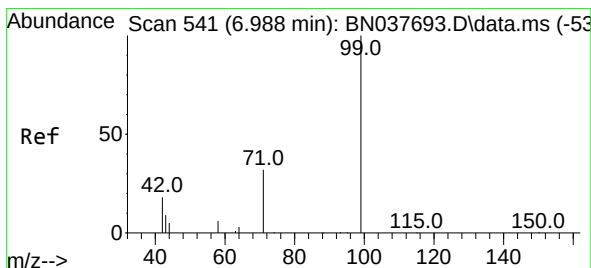
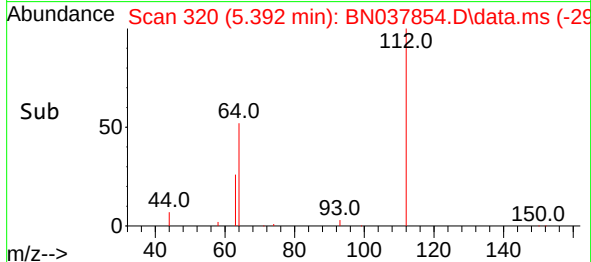
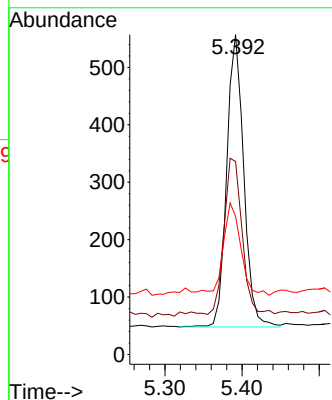
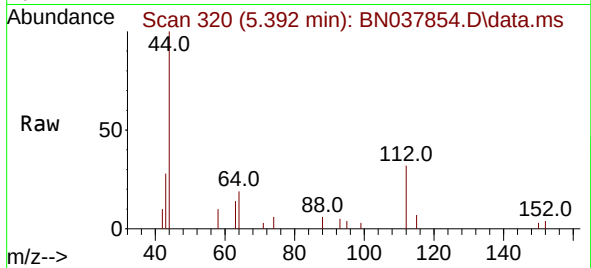




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

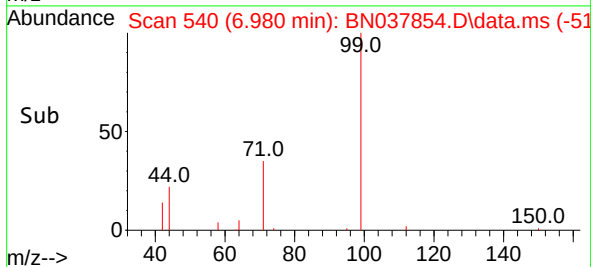
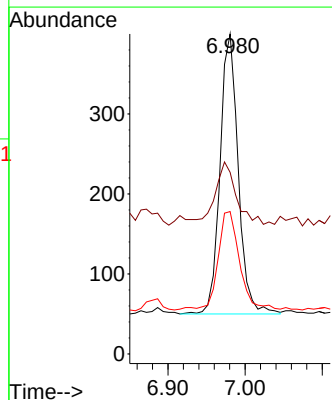
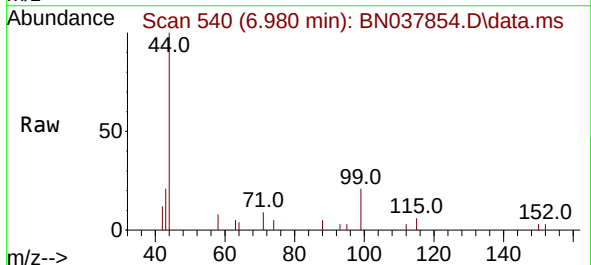
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250915DL

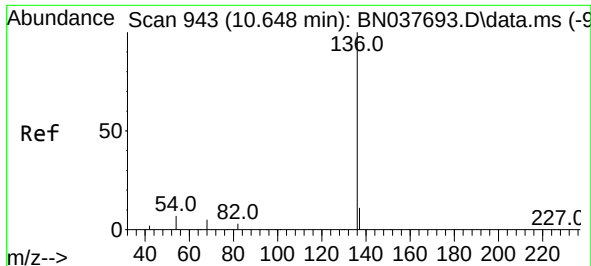
Tgt Ion:112 Resp: 781
Ion Ratio Lower Upper
112 100
64 57.0 44.9 67.3
63 32.7 24.7 37.1



#5
Phenol-d6
Concen: 0.035 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

Tgt Ion: 99 Resp: 574
Ion Ratio Lower Upper
99 100
42 25.4 16.6 24.8#
71 41.6 26.7 40.1#

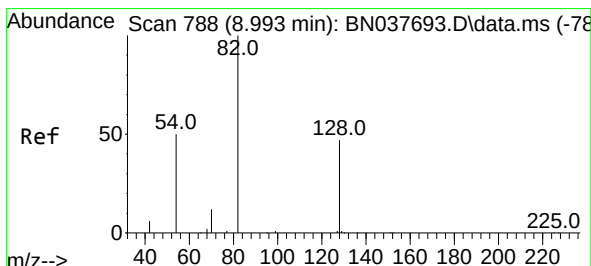
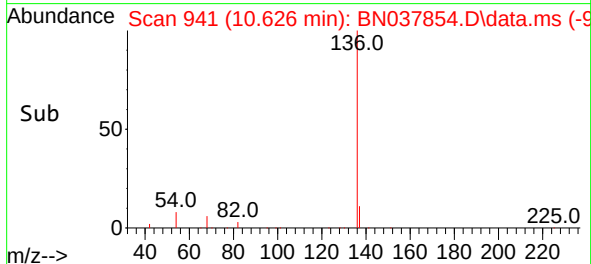
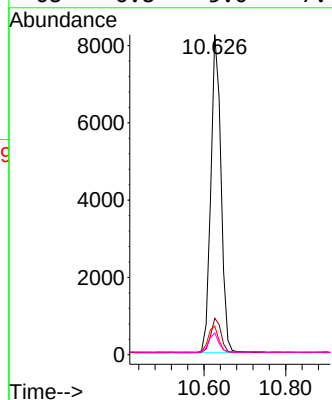
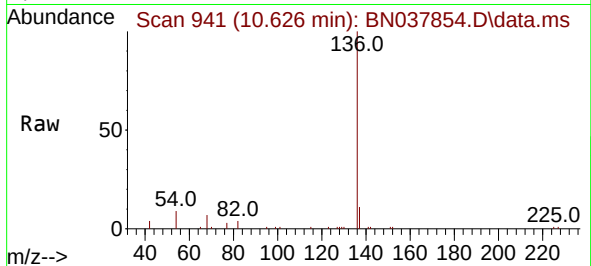




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

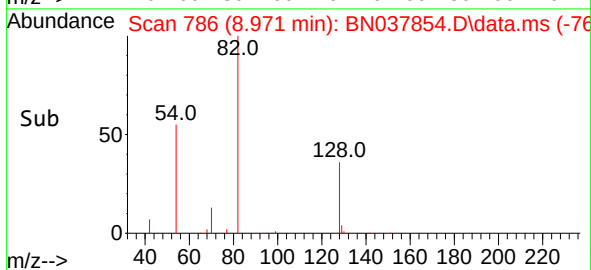
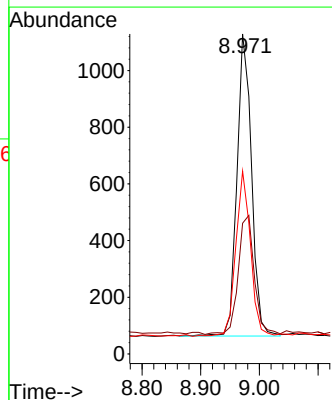
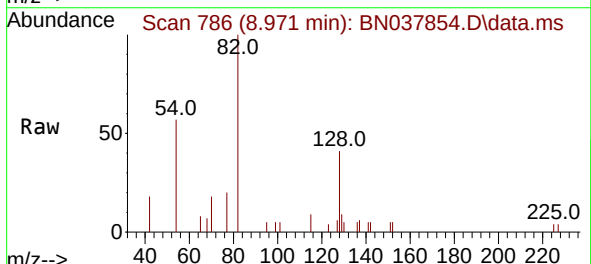
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250915DL

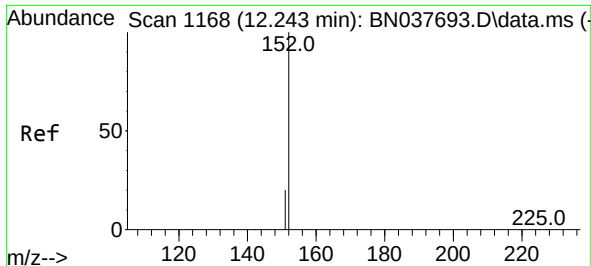
Tgt Ion:136	Resp:	14287
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	9.0	6.3 9.5
68	6.8	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.177 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

Tgt Ion: 82	Resp:	1845
Ion Ratio	Lower	Upper
82	100	
128	40.8	38.3 57.5
54	57.1	41.4 62.2

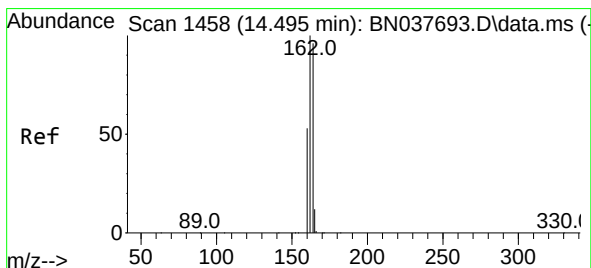
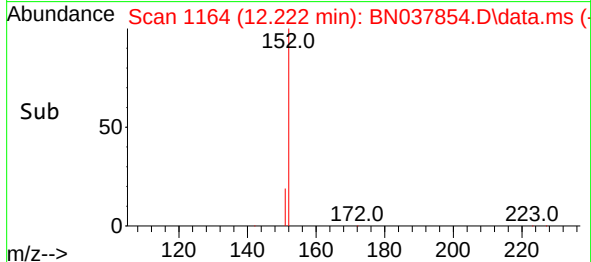
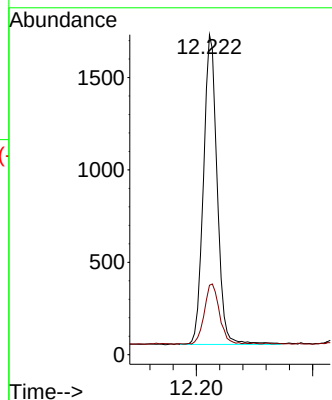
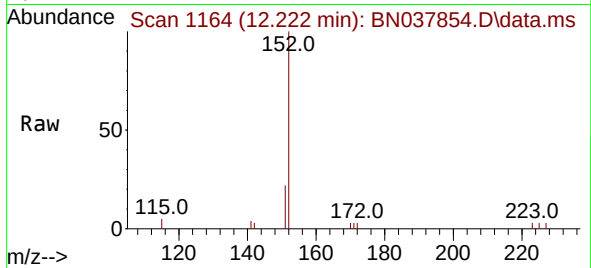




#11
2-Methylnaphthalene-d10
Concen: 0.145 ng
RT: 12.222 min Scan# 1164
Delta R.T. -0.020 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

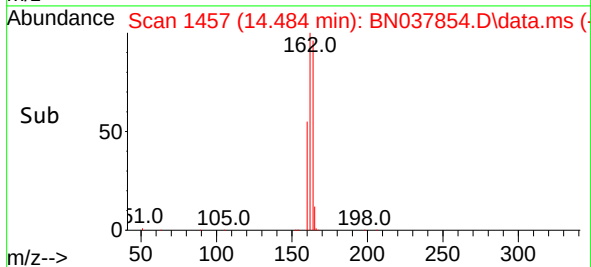
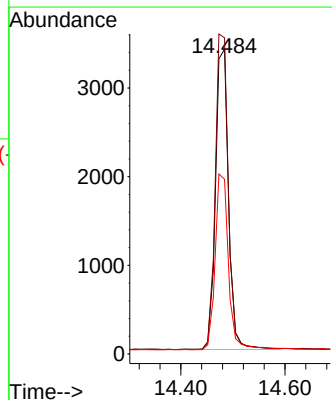
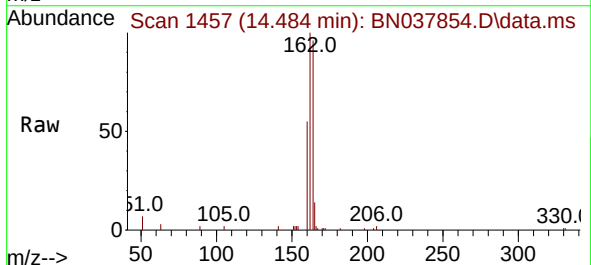
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250915DL

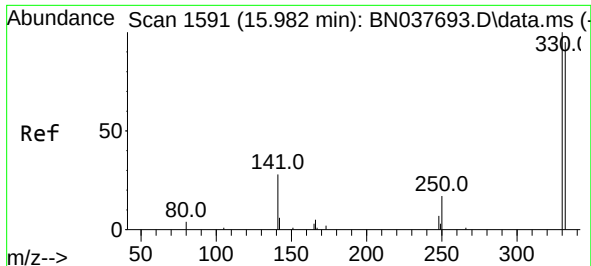
Tgt Ion:152 Resp: 2746
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

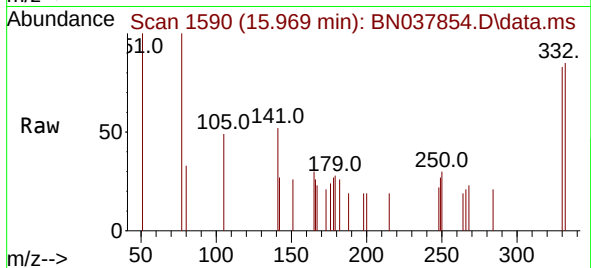
Tgt Ion:164 Resp: 5844
Ion Ratio Lower Upper
164 100
162 103.8 83.1 124.7
160 57.4 44.3 66.5



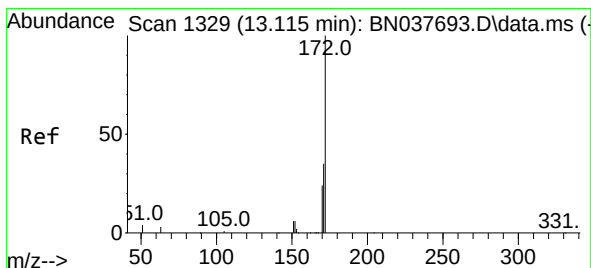
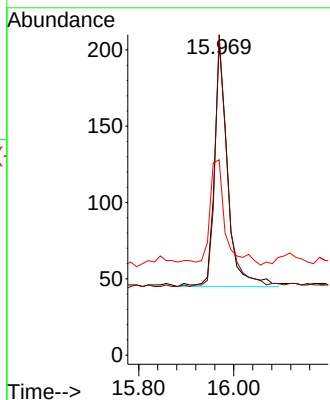
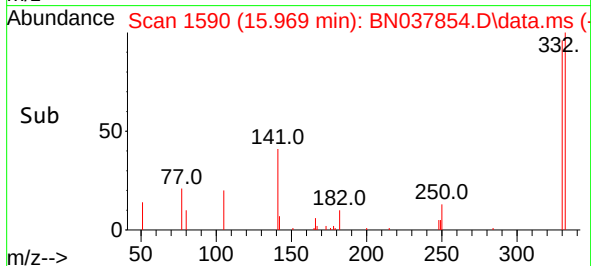


#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

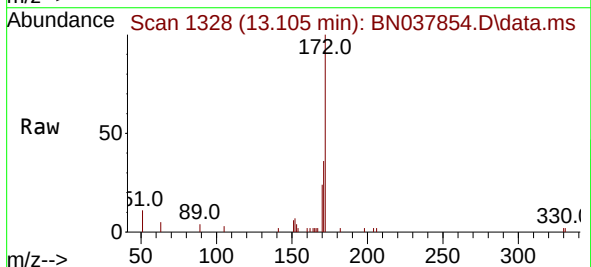
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250915DL



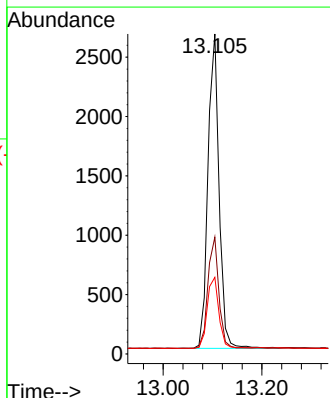
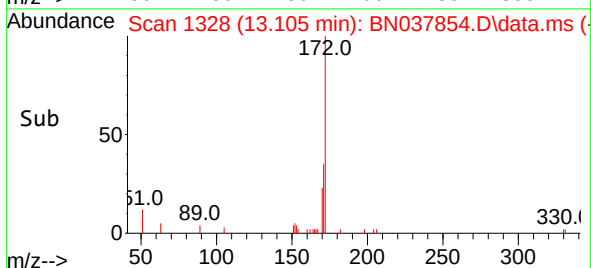
Tgt Ion:330 Resp: 309
Ion Ratio Lower Upper
330 100
332 97.4 75.3 112.9
141 51.1 35.0 52.4

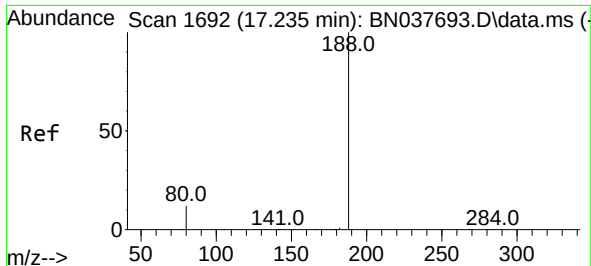


#15
2-Fluorobiphenyl
Concen: 0.169 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20



Tgt Ion:172 Resp: 4134
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.9 19.8 29.8

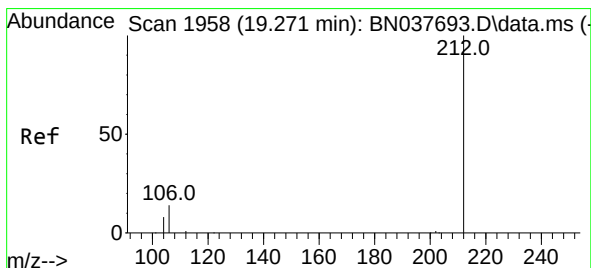
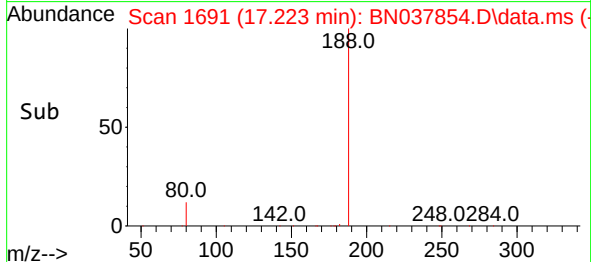
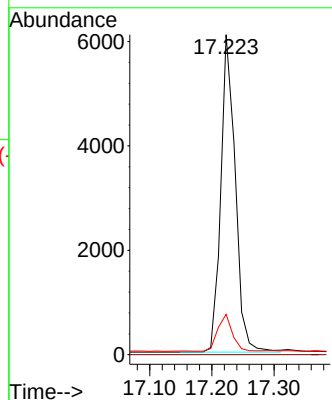
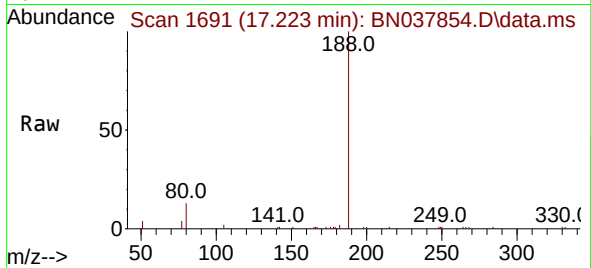




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

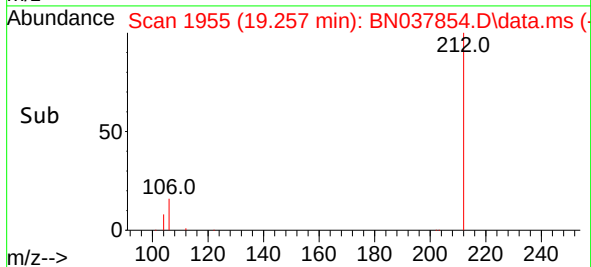
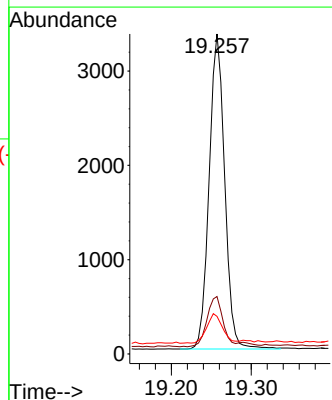
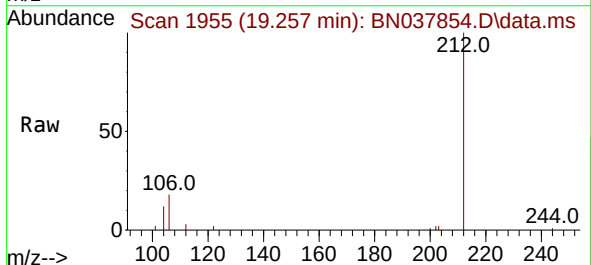
Instrument :
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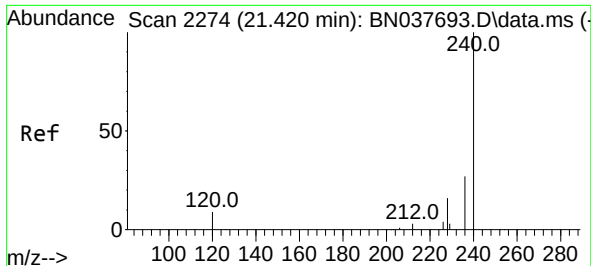
Tgt Ion:188 Resp: 9811
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.184 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037854.D
Acq: 22 Sep 2025 13:20

Tgt Ion:212 Resp: 4520
Ion Ratio Lower Upper
212 100
106 16.2 12.2 18.2
104 9.4 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: BN037854.D

Acq: 22 Sep 2025 13:20

Instrument :

BNA_N

ClientSampleId :

RE131D2-20250915DL

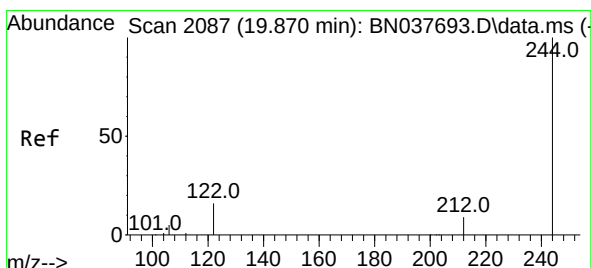
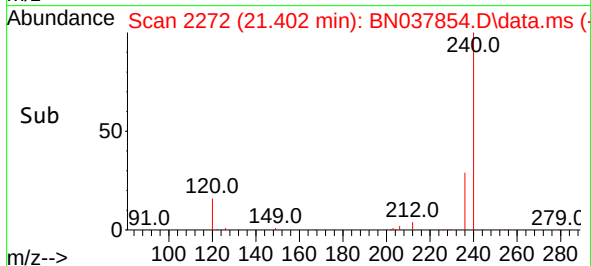
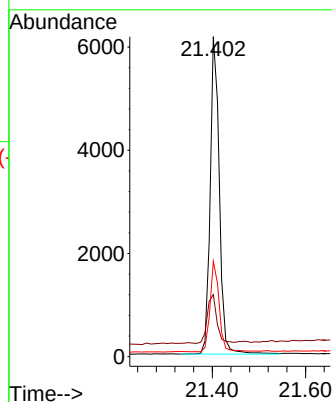
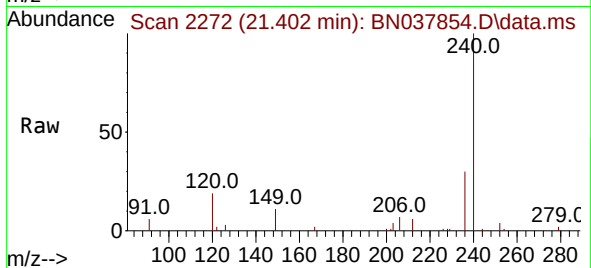
Tgt Ion:240 Resp: 8402

Ion Ratio Lower Upper

240 100

120 19.4 9.2 13.8#

236 29.8 22.6 33.8



#31

Terphenyl-d14

Concen: 0.191 ng

RT: 19.856 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037854.D

Acq: 22 Sep 2025 13:20

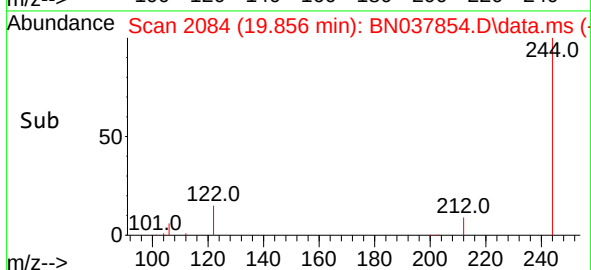
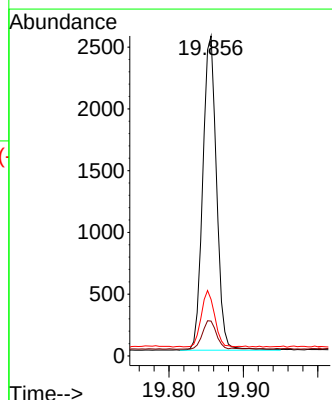
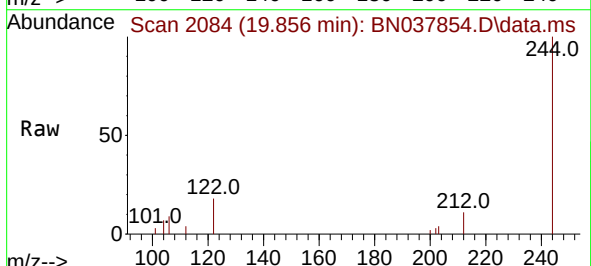
Tgt Ion:244 Resp: 3261

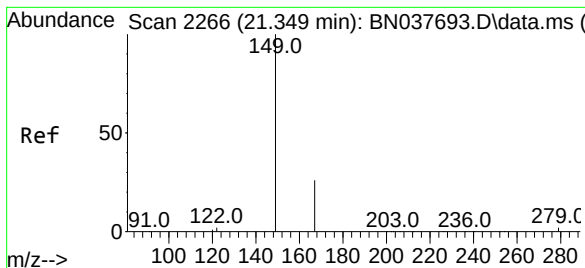
Ion Ratio Lower Upper

244 100

212 10.9 7.5 11.3

122 17.6 13.2 19.8

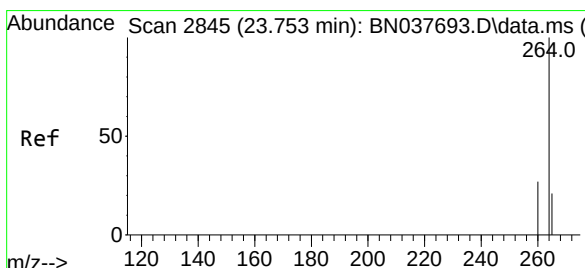
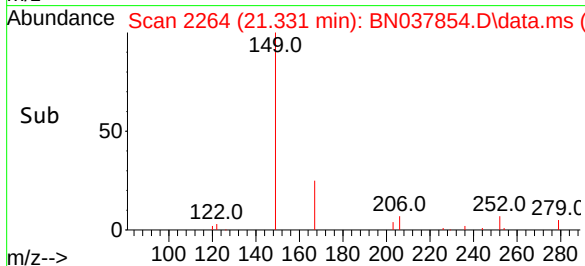
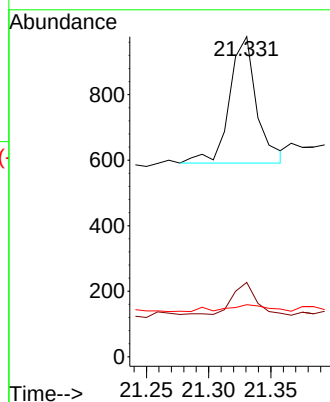
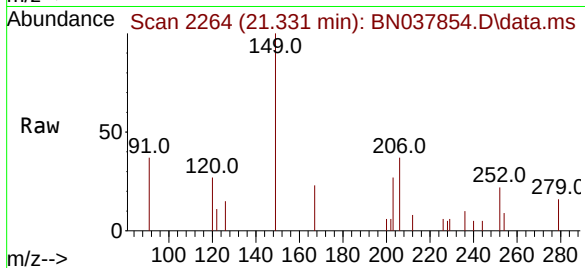




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037854.D
 Acq: 22 Sep 2025 13:20

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250915DL

Tgt Ion:149 Resp: 587
 Ion Ratio Lower Upper
 149 100
 167 22.5 20.8 31.2
 279 6.6 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2839
 Delta R.T. -0.018 min
 Lab File: BN037854.D
 Acq: 22 Sep 2025 13:20

Tgt Ion:264 Resp: 8112
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.8 32.8
 265 96.9 39.4 59.2#

