

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037855.D
 Acq On : 22 Sep 2025 13:56
 Operator : RC/JU
 Sample : Q3127-04DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20250915DL

Quant Time: Sep 22 17:25:41 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)

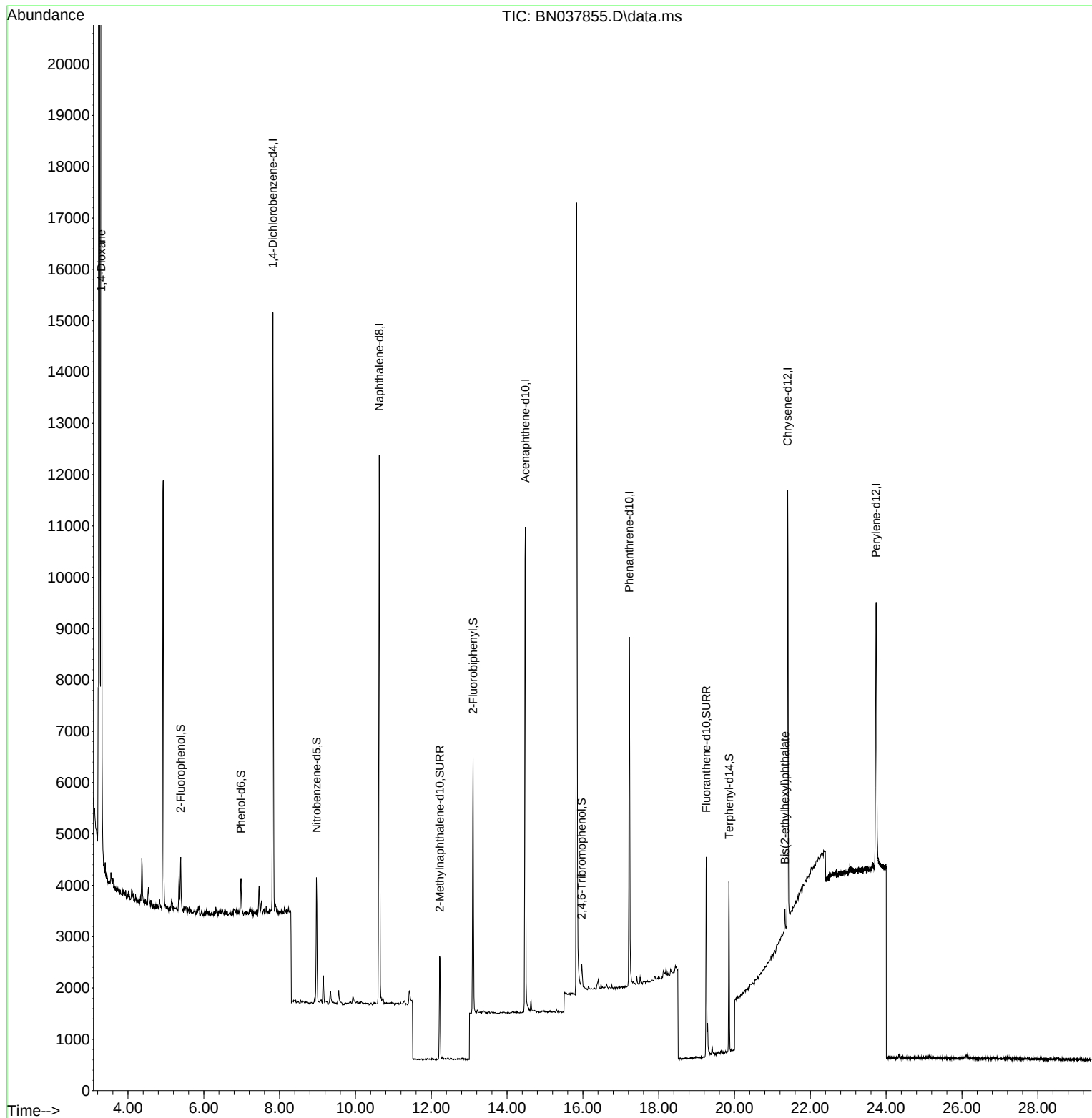
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5382	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	14120	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	5769	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	9844	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	7847	0.400	ng	#-0.02
35) Perylene-d12	23.735	264	7550	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	795	0.064	ng	0.00
5) Phenol-d6	6.980	99	593	0.037	ng	0.00
8) Nitrobenzene-d5	8.971	82	1937	0.188	ng	-0.02
11) 2-Methylnaphthalene-d10	12.222	152	2798	0.150	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	301	0.200	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	4347	0.180	ng	-0.01
27) Fluoranthene-d10	19.257	212	4380	0.177	ng	-0.01
31) Terphenyl-d14	19.856	244	3215	0.202	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	18781	3.350	ng	96
34) Bis(2-ethylhexyl)phtha...	21.330	149	511	0.063	ng	# 95

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

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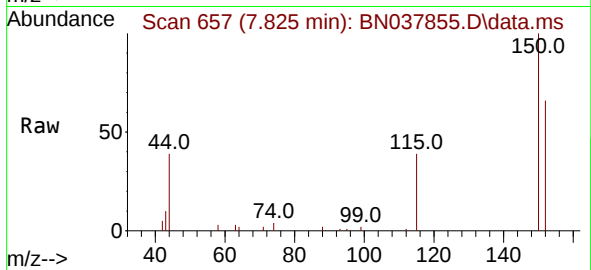
Quant Time: Sep 22 17:25:41 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



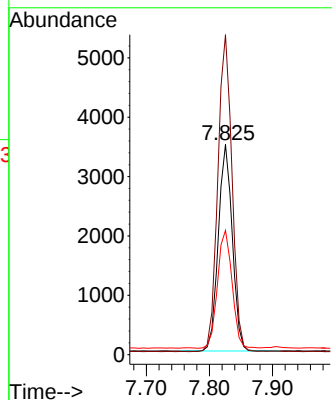
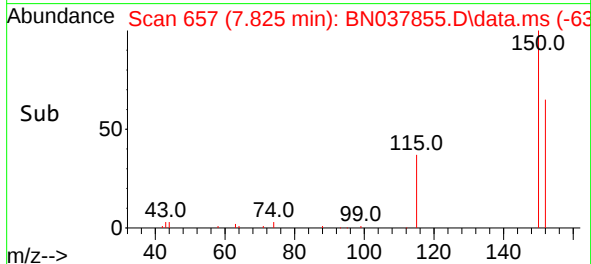


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037855.D
 Acq: 22 Sep 2025 13:56

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20250915DL

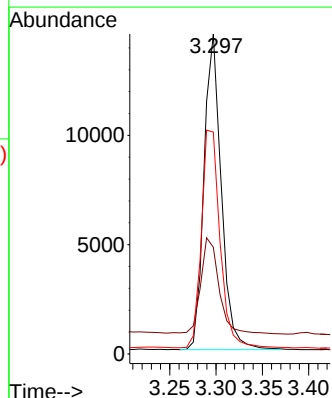
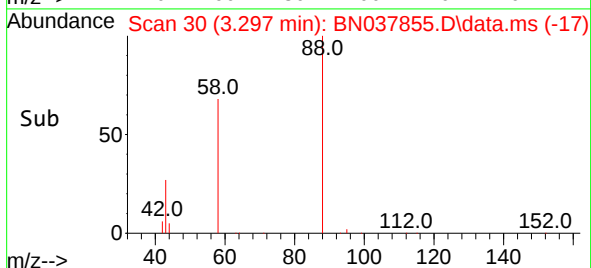
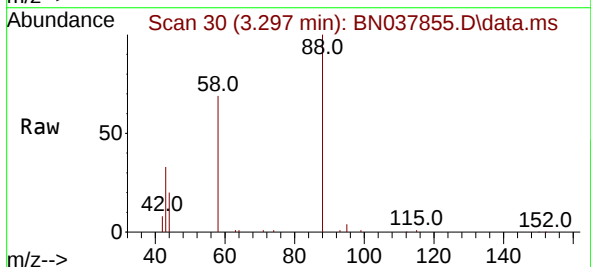


Tgt Ion:152 Resp: 5382
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.5 186.7
 115 59.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.350 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037855.D
 Acq: 22 Sep 2025 13:56

Tgt Ion: 88 Resp: 18781
 Ion Ratio Lower Upper
 88 100
 43 32.1 26.8 40.2
 58 74.0 61.9 92.9

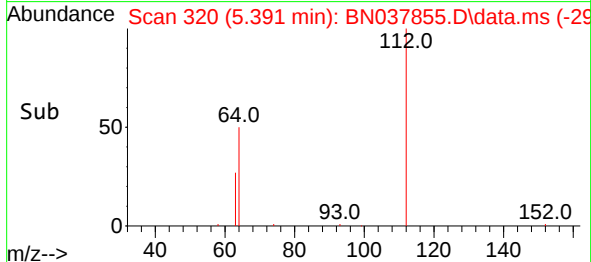
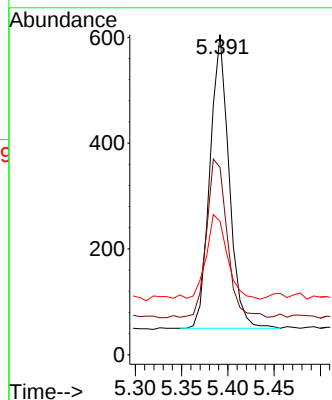
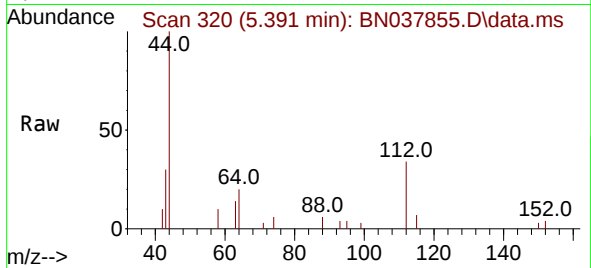




#4
2-Fluorophenol
Concen: 0.064 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

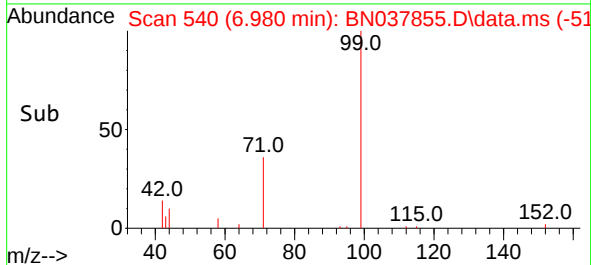
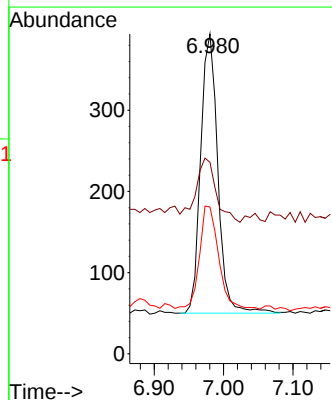
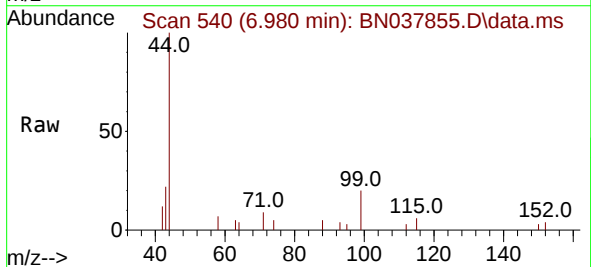
Instrument :
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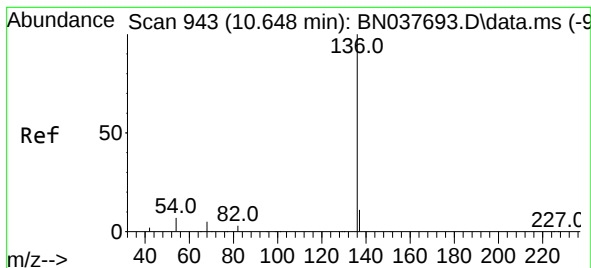
Tgt Ion:112 Resp: 795
Ion Ratio Lower Upper
112 100
64 58.5 44.9 67.3
63 32.1 24.7 37.1



#5
Phenol-d6
Concen: 0.037 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

Tgt Ion: 99 Resp: 593
Ion Ratio Lower Upper
99 100
42 27.2 16.6 24.8#
71 41.0 26.7 40.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.626 min Scan# 94

Delta R.T. -0.022 min

Lab File: BN037855.D

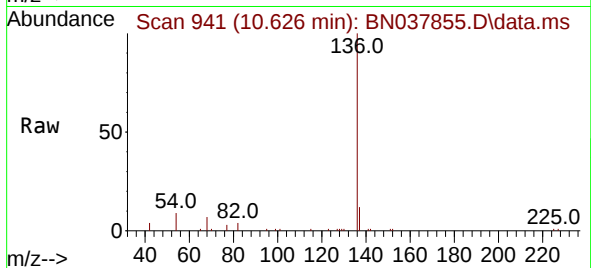
Acq: 22 Sep 2025 13:56

Instrument :

BNA_N

ClientSampleId :

DUP07-20250915DL



Tgt Ion:136 Resp: 14120

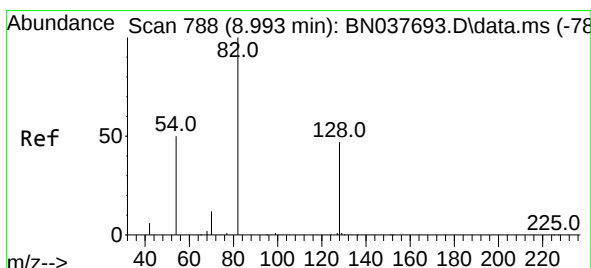
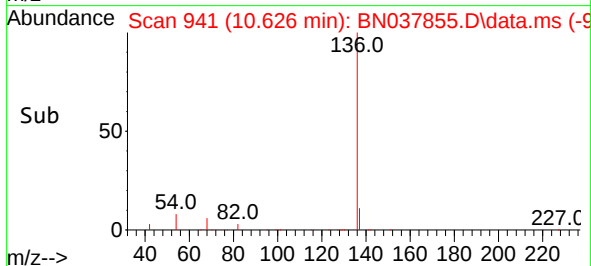
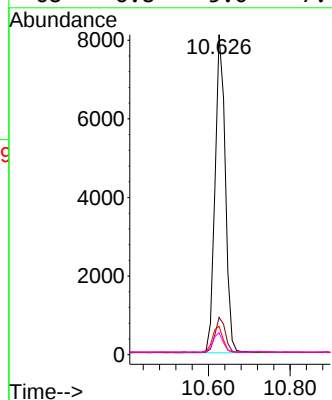
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 8.9 6.3 9.5

68 6.8 5.0 7.4



#8

Nitrobenzene-d5

Concen: 0.188 ng

RT: 8.971 min Scan# 786

Delta R.T. -0.022 min

Lab File: BN037855.D

Acq: 22 Sep 2025 13:56

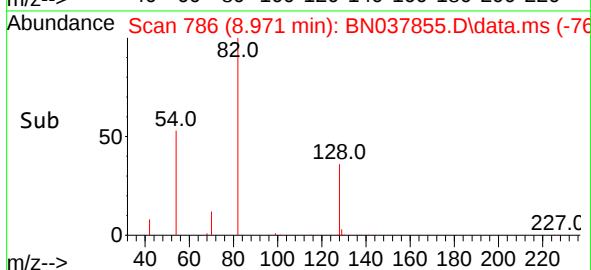
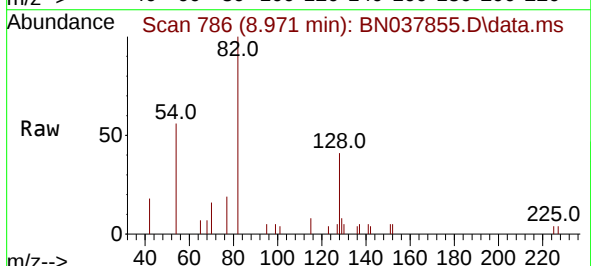
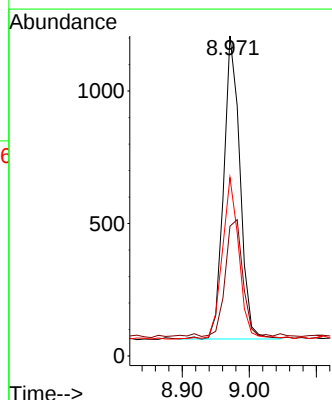
Tgt Ion: 82 Resp: 1937

Ion Ratio Lower Upper

82 100

128 40.6 38.3 57.5

54 55.8 41.4 62.2

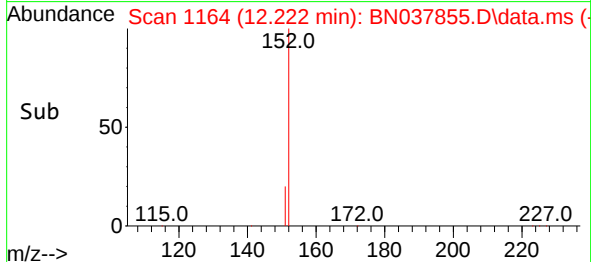
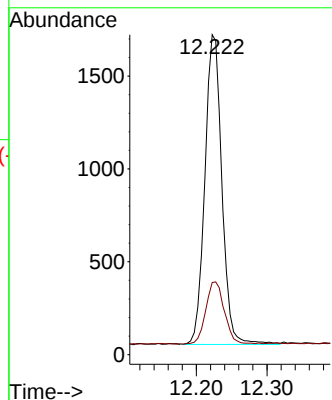
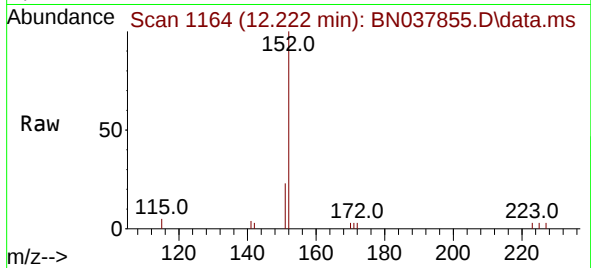




#11
2-Methylnaphthalene-d10
Concen: 0.150 ng
RT: 12.222 min Scan# 1164
Delta R.T. -0.021 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

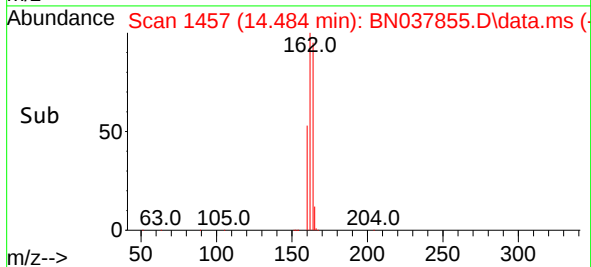
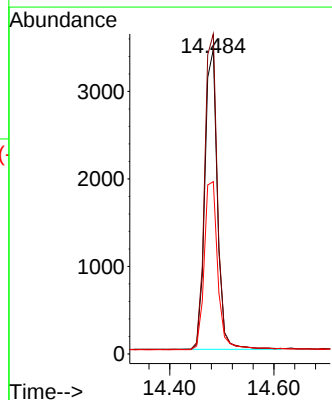
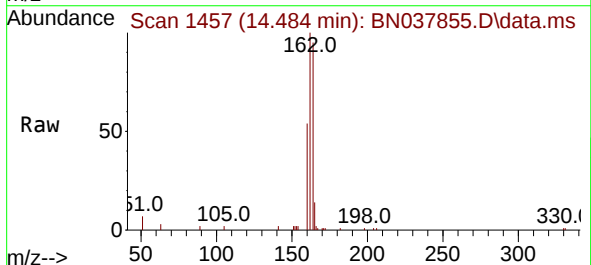
Instrument :
BNA_N
ClientSampleId :
DUP07-20250915DL

Tgt Ion:152 Resp: 2798
Ion Ratio Lower Upper
152 100
151 22.0 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: BN037855.D
Acq: 22 Sep 2025 13:56

Tgt Ion:164 Resp: 5769
Ion Ratio Lower Upper
164 100
162 105.1 83.1 124.7
160 56.6 44.3 66.5

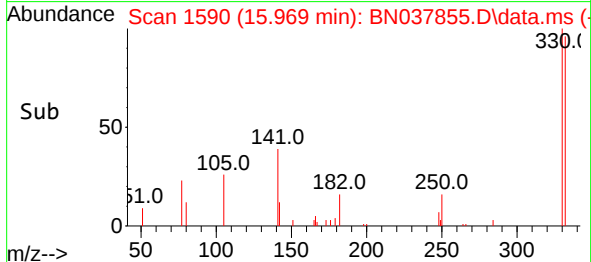
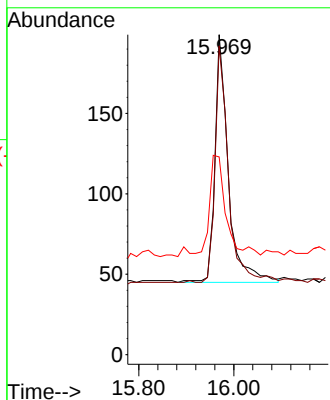
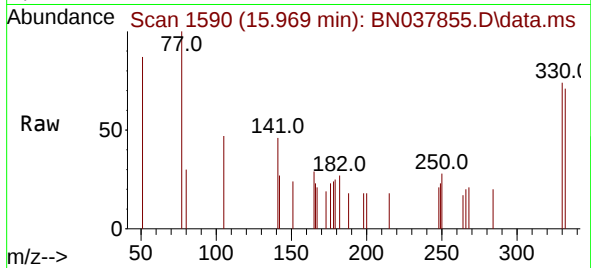




#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

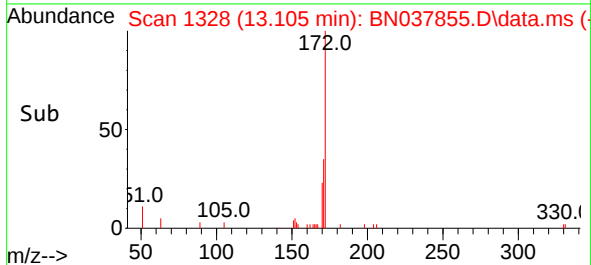
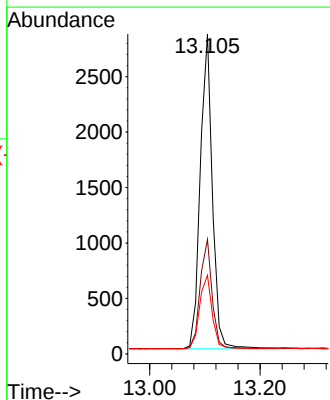
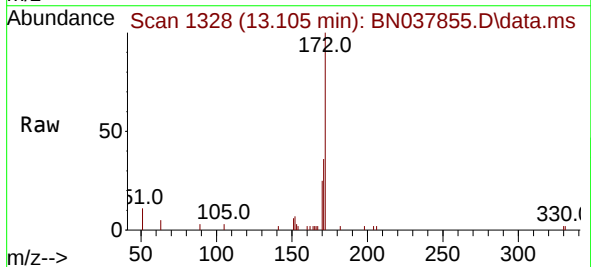
Instrument :
BNA_N
ClientSampleId :
DUP07-20250915DL

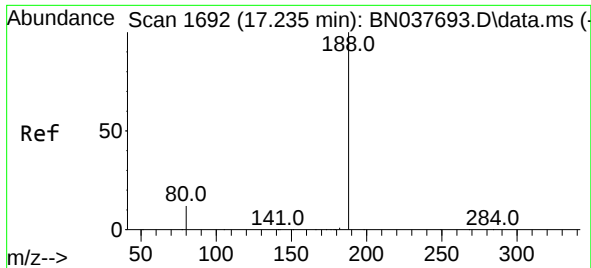
Tgt Ion:330 Resp: 301
Ion Ratio Lower Upper
330 100
332 95.0 75.3 112.9
141 49.2 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

Tgt Ion:172 Resp: 4347
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.6 19.8 29.8

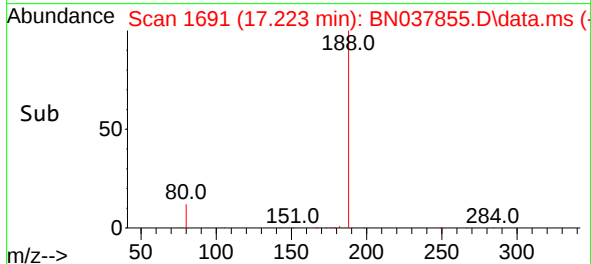
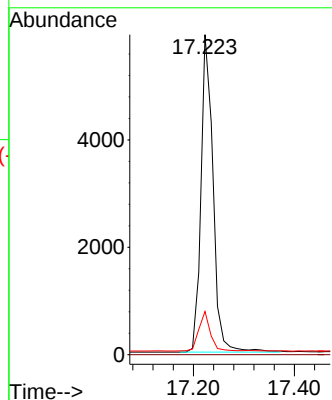
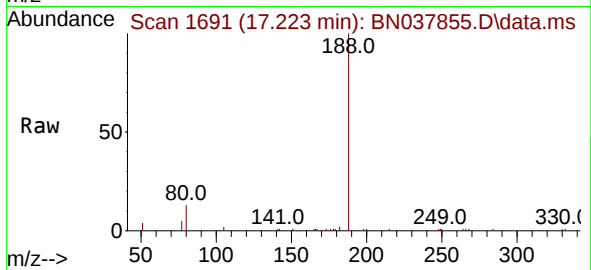




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

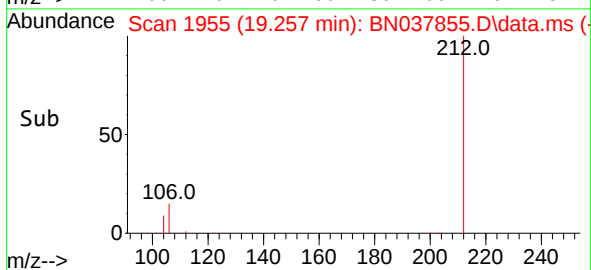
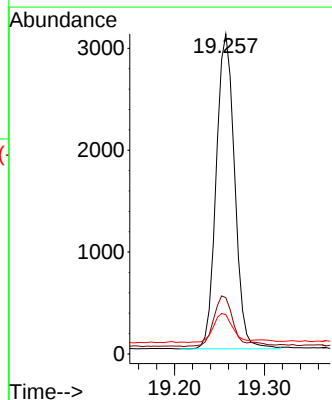
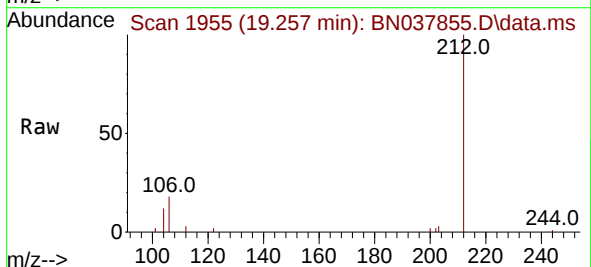
Instrument :
BNA_N
ClientSampleId :
DUP07-20250915DL

Tgt Ion:188 Resp: 9844
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.177 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

Tgt Ion:212 Resp: 4380
Ion Ratio Lower Upper
212 100
106 16.6 12.2 18.2
104 9.7 6.9 10.3

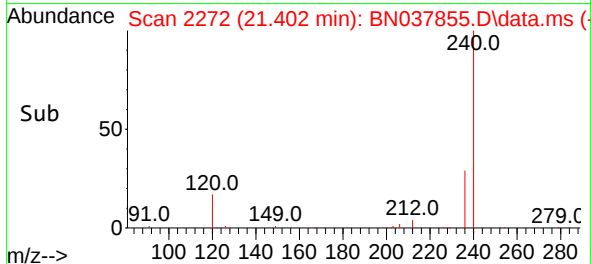
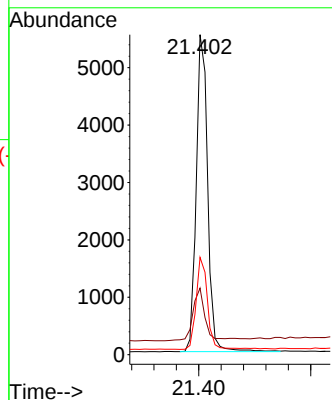
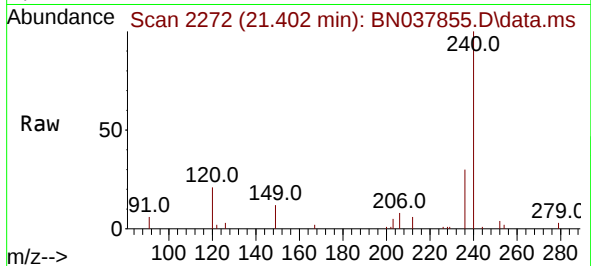




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

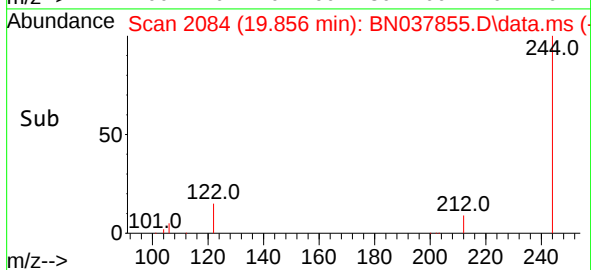
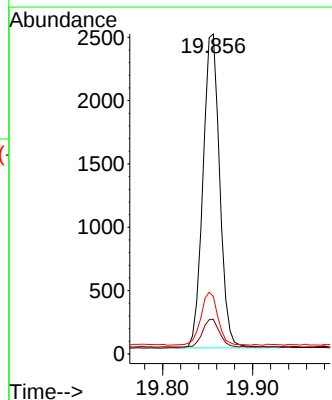
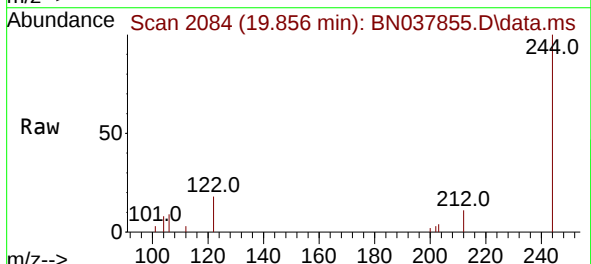
Instrument :
BNA_N
ClientSampleId :
DUP07-20250915DL

Tgt Ion:240 Resp: 7847
Ion Ratio Lower Upper
240 100
120 20.8 9.2 13.8#
236 30.4 22.6 33.8



#31
Terphenyl-d14
Concen: 0.202 ng
RT: 19.856 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037855.D
Acq: 22 Sep 2025 13:56

Tgt Ion:244 Resp: 3215
Ion Ratio Lower Upper
244 100
212 10.8 7.5 11.3
122 18.0 13.2 19.8

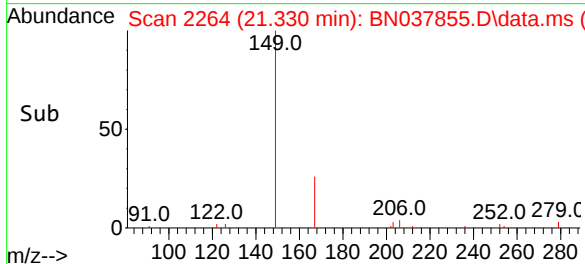
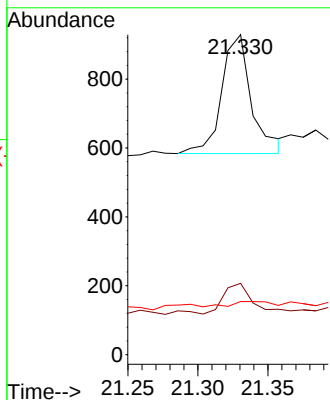
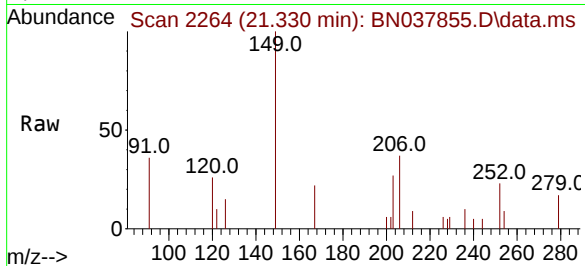




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.063 ng
 RT: 21.330 min Scan# 2133
 Delta R.T. -0.018 min
 Lab File: BN037855.D
 Acq: 22 Sep 2025 13:56

Instrument :
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Tgt Ion:149 Resp: 511
 Ion Ratio Lower Upper
 149 100
 167 28.6 20.8 31.2
 279 5.9 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: BN037855.D
 Acq: 22 Sep 2025 13:56

Tgt Ion:264 Resp: 7550
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.8 32.8
 265 99.0 39.4 59.2#

