

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
 Data File : BN037851.D
 Acq On : 22 Sep 2025 11:31
 Operator : RC/JU
 Sample : Q3097-24DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20250912DL

Quant Time: Sep 22 17:25:19 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)

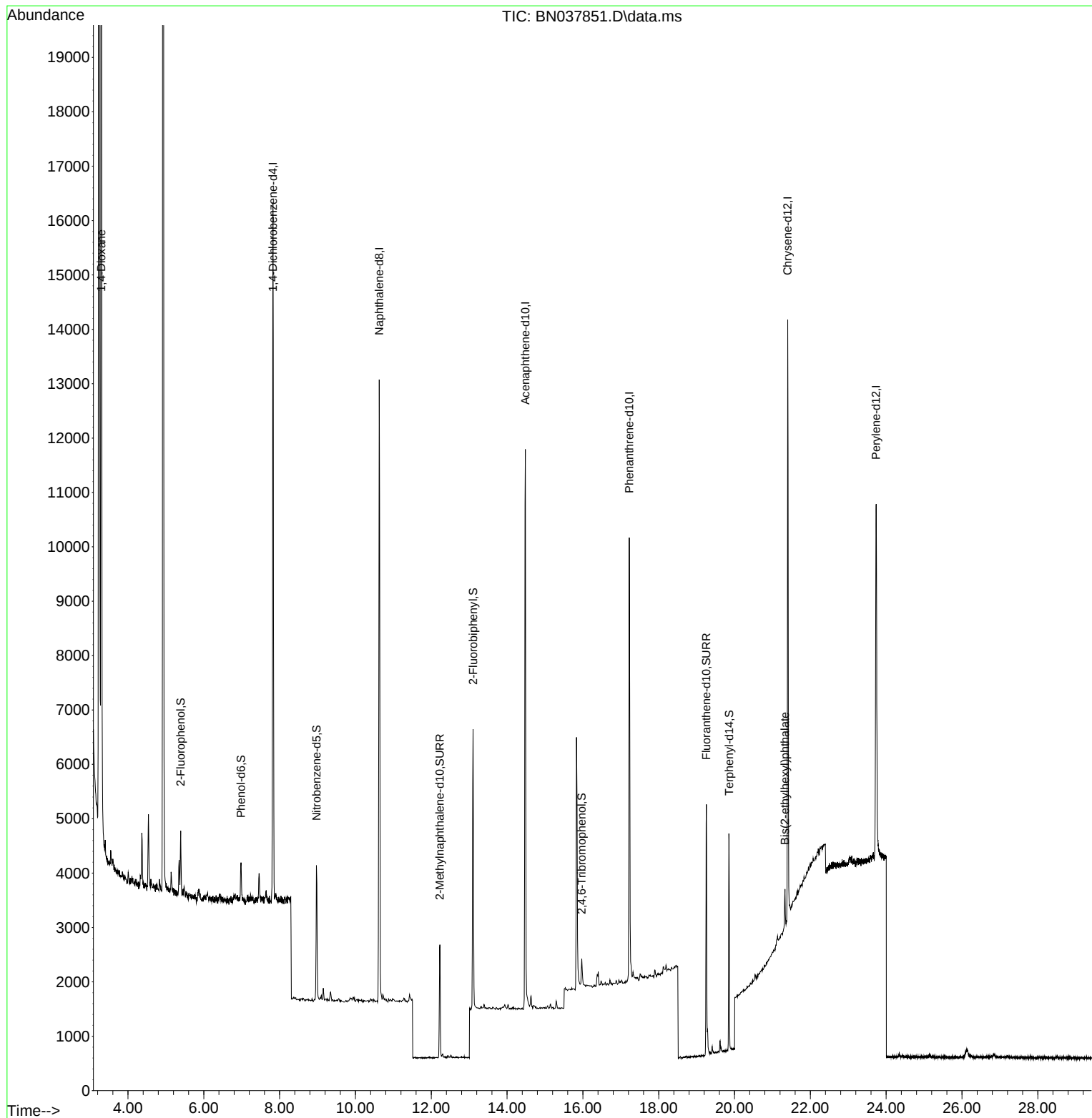
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5950	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	15397	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	6317	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	11463	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	10054	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	9647	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	889	0.065	ng	0.00
5) Phenol-d6	6.981	99	658	0.037	ng	0.00
8) Nitrobenzene-d5	8.971	82	2011	0.179	ng	-0.02
11) 2-Methylnaphthalene-d10	12.228	152	2884	0.141	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	360	0.218	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	4578	0.173	ng	-0.01
27) Fluoranthene-d10	19.257	212	5111	0.178	ng	-0.01
31) Terphenyl-d14	19.856	244	3791	0.186	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	20276	3.272	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	700	0.067	ng	# 96

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

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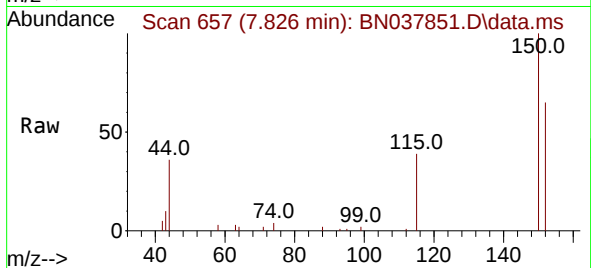
Quant Time: Sep 22 17:25:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



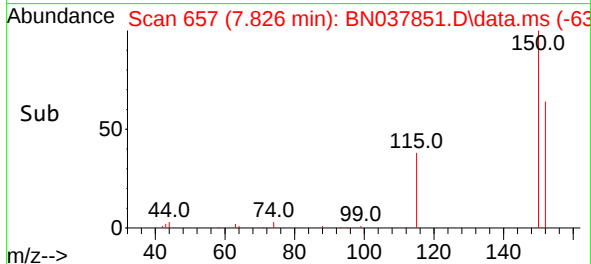
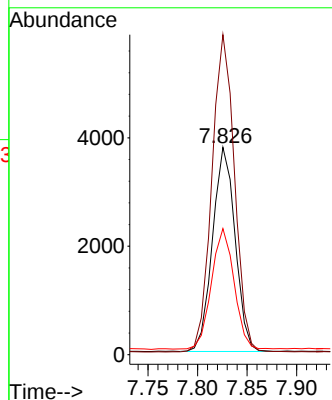


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037851.D
 Acq: 22 Sep 2025 11:31

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20250912DL

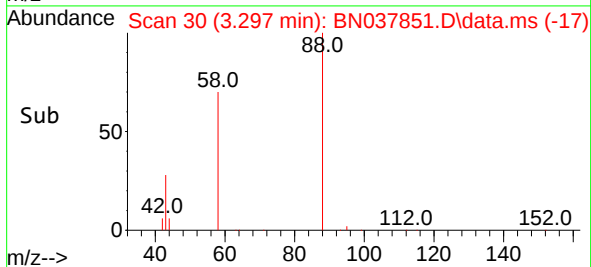
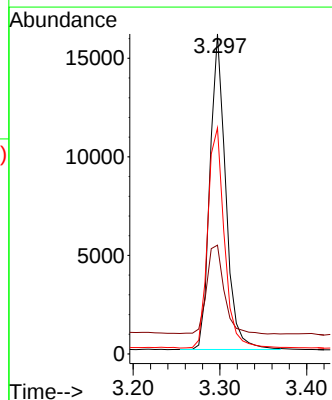
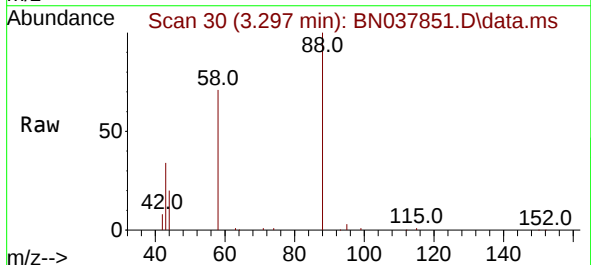


Tgt Ion:152 Resp: 5950
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.5 186.7
 115 60.8 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.272 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037851.D
 Acq: 22 Sep 2025 11:31

Tgt Ion: 88 Resp: 20276
 Ion Ratio Lower Upper
 88 100
 43 31.3 26.8 40.2
 58 73.7 61.9 92.9

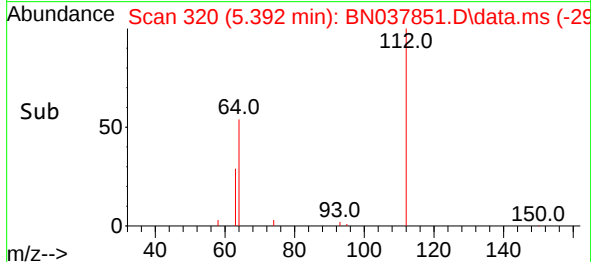
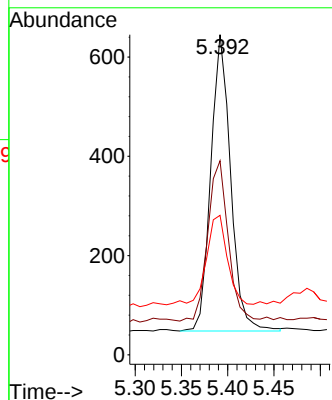
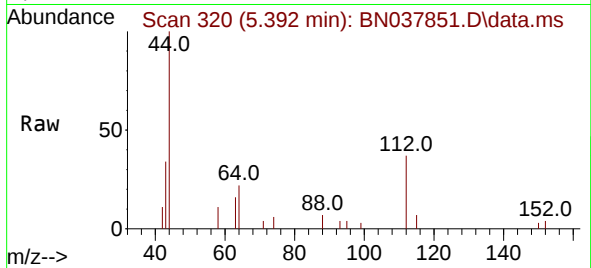




#4
2-Fluorophenol
Concen: 0.065 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037851.D
Acq: 22 Sep 2025 11:31

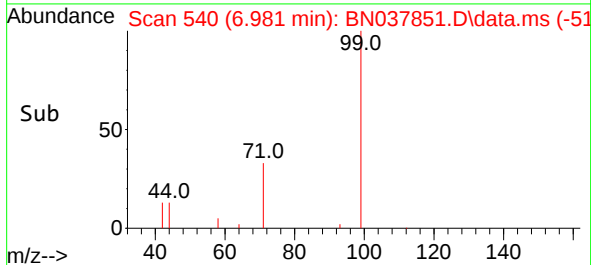
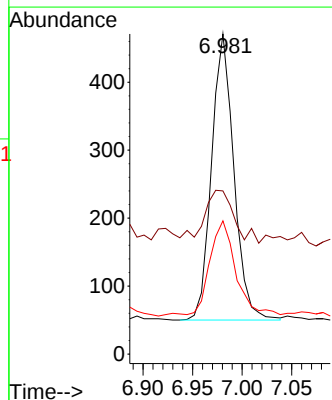
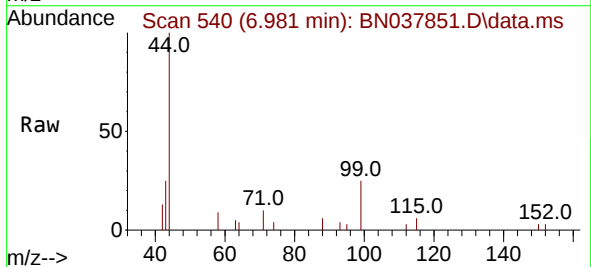
Instrument :
BNA_N
ClientSampleId :
RE134D2-20250912DL

Tgt Ion:112 Resp: 889
Ion Ratio Lower Upper
112 100
64 55.8 44.9 67.3
63 33.4 24.7 37.1



#5
Phenol-d6
Concen: 0.037 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037851.D
Acq: 22 Sep 2025 11:31

Tgt Ion: 99 Resp: 658
Ion Ratio Lower Upper
99 100
42 24.8 16.6 24.8
71 38.9 26.7 40.1

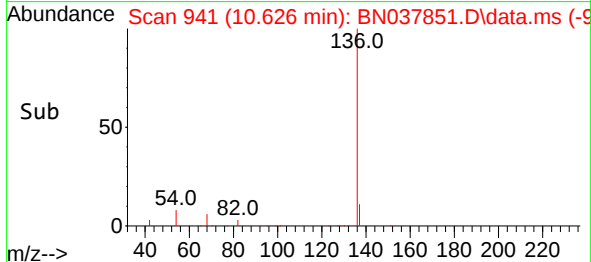
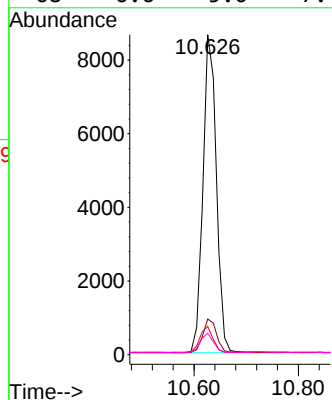
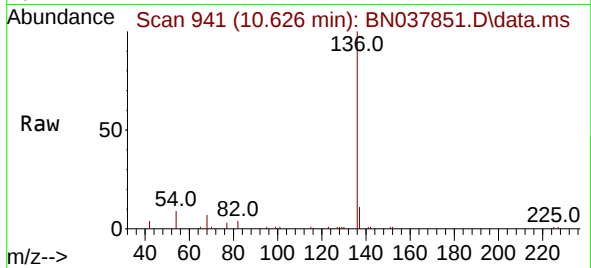




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN037851.D
Acq: 22 Sep 2025 11:31

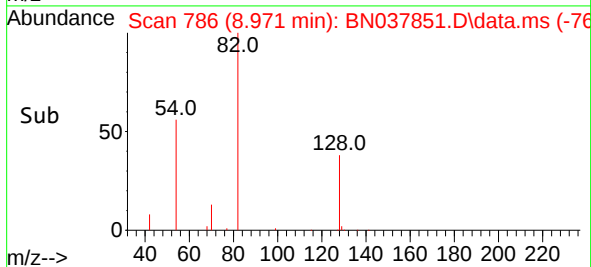
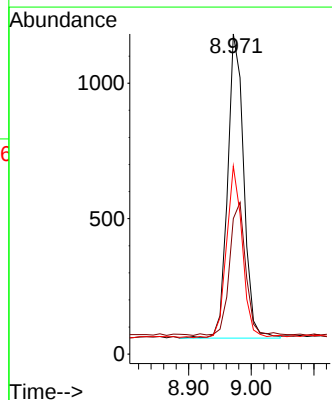
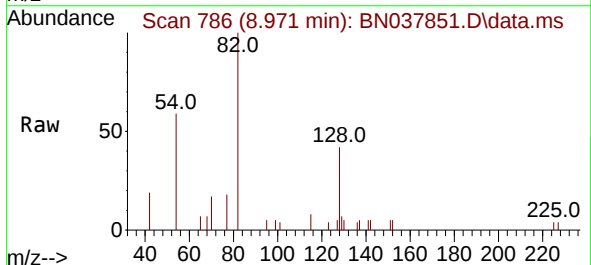
Instrument :
BNA_N
ClientSampleId :
RE134D2-20250912DL

Tgt Ion:136	Resp:	15397
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	8.8	6.3 9.5
68	6.6	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.179 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037851.D
Acq: 22 Sep 2025 11:31

Tgt Ion: 82	Resp:	2011
Ion Ratio	Lower	Upper
82	100	
128	42.3	38.3 57.5
54	58.7	41.4 62.2





#11

2-Methylnaphthalene-d10

Concen: 0.141 ng

RT: 12.228 min Scan# 1165

Delta R.T. -0.015 min

Lab File: BN037851.D

Acq: 22 Sep 2025 11:31

Instrument :

BNA_N

ClientSampleId :

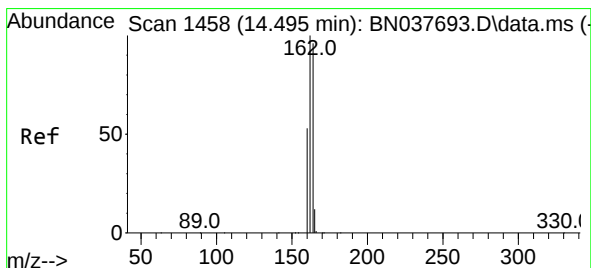
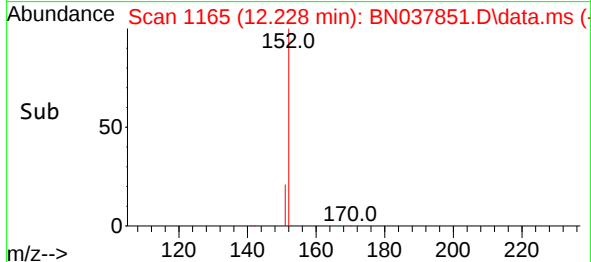
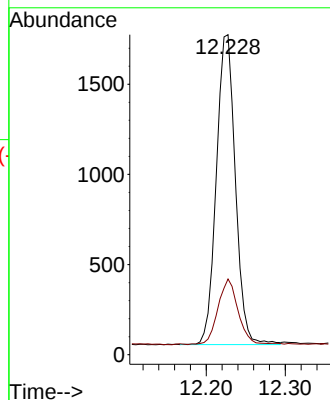
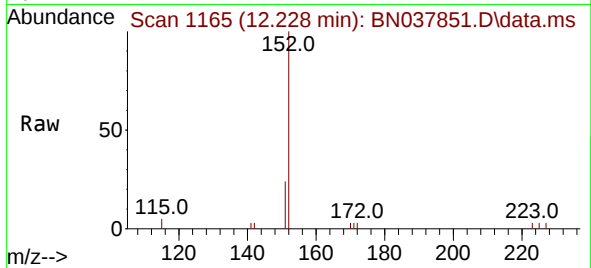
RE134D2-20250912DL

Tgt Ion:152 Resp: 2884

Ion Ratio Lower Upper

152 100

151 22.3 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: BN037851.D

Acq: 22 Sep 2025 11:31

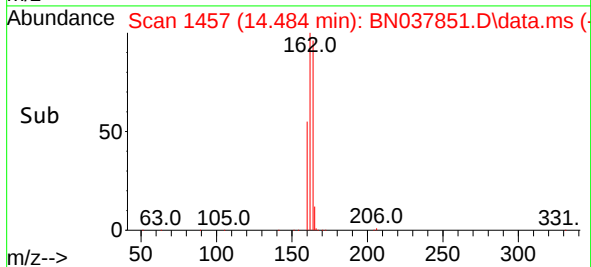
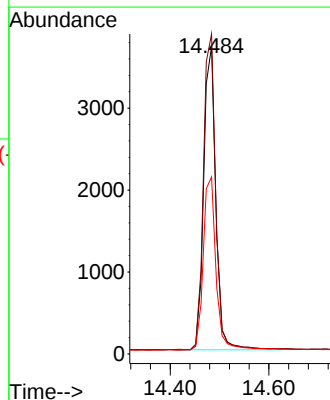
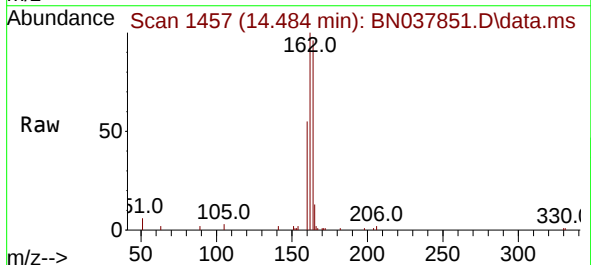
Tgt Ion:164 Resp: 6317

Ion Ratio Lower Upper

164 100

162 104.1 83.1 124.7

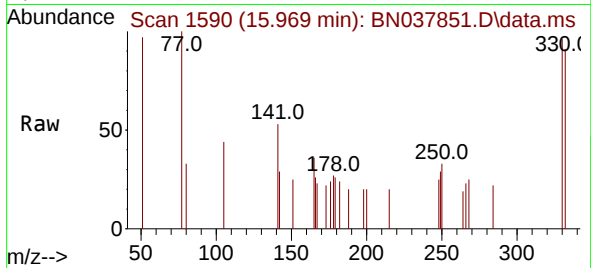
160 57.5 44.3 66.5



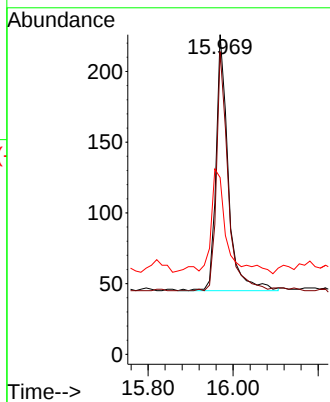
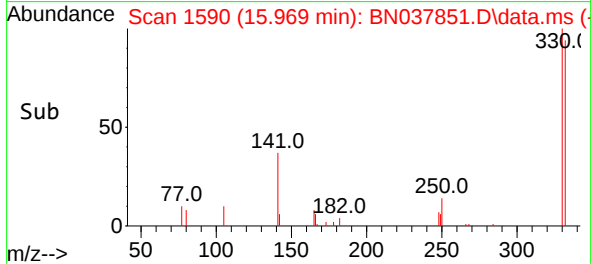


#14
2,4,6-Tribromophenol
Concen: 0.218 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037851.D
Acq: 22 Sep 2025 11:31

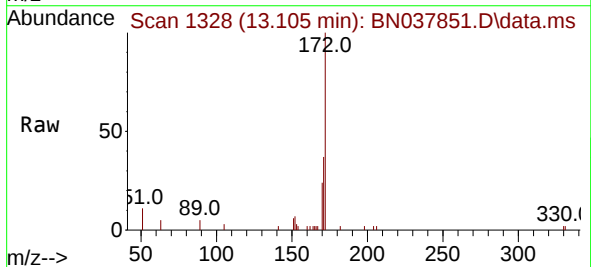
Instrument :
BNA_N
ClientSampleId :
RE134D2-20250912DL



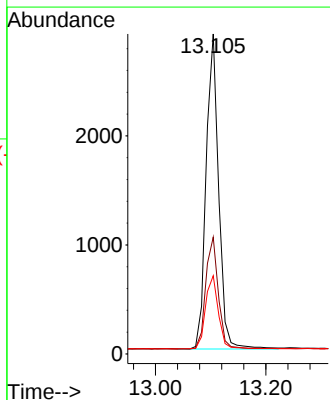
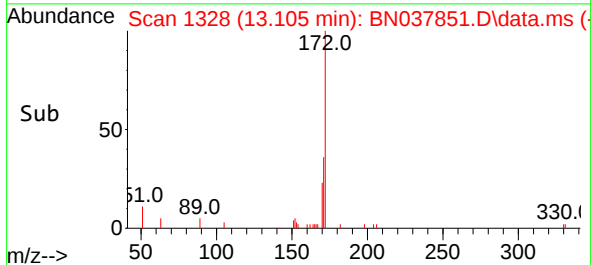
Tgt Ion:330 Resp: 360
Ion Ratio Lower Upper
330 100
332 88.3 75.3 112.9
141 50.3 35.0 52.4

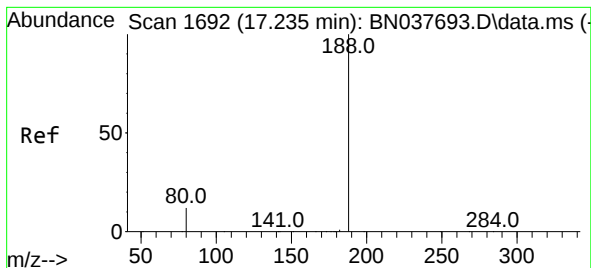


#15
2-Fluorobiphenyl
Concen: 0.173 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037851.D
Acq: 22 Sep 2025 11:31



Tgt Ion:172 Resp: 4578
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.4 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037851.D

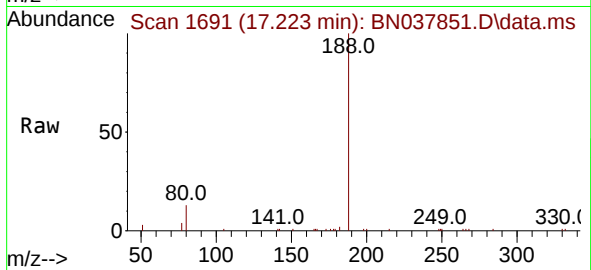
Acq: 22 Sep 2025 11:31

Instrument :

BNA_N

ClientSampleId :

RE134D2-20250912DL



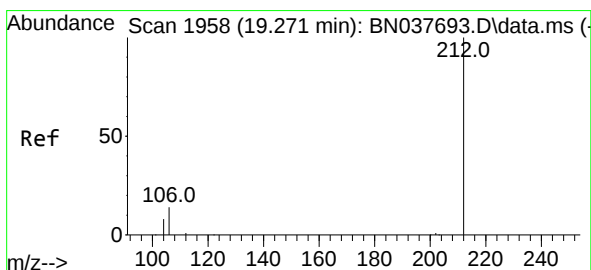
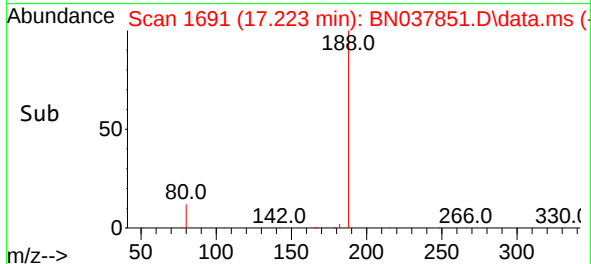
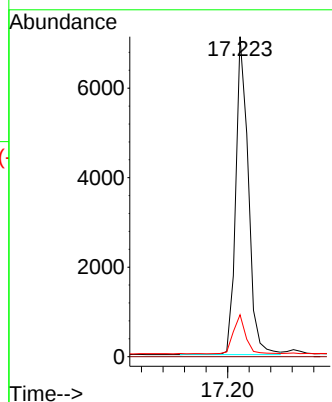
Tgt Ion:188 Resp: 11463

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 10.6 15.8



#27

Fluoranthene-d10

Concen: 0.178 ng

RT: 19.257 min Scan# 1955

Delta R.T. -0.014 min

Lab File: BN037851.D

Acq: 22 Sep 2025 11:31

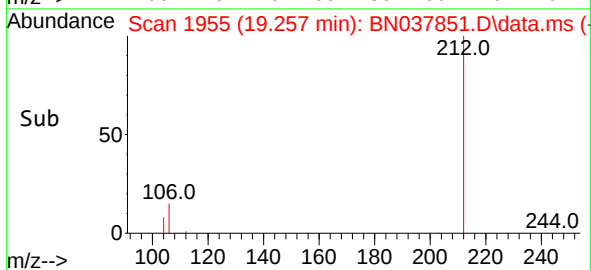
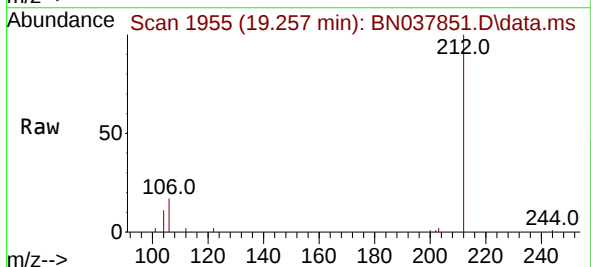
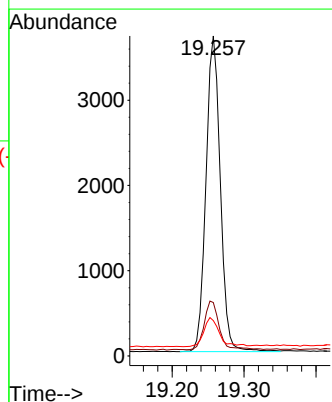
Tgt Ion:212 Resp: 5111

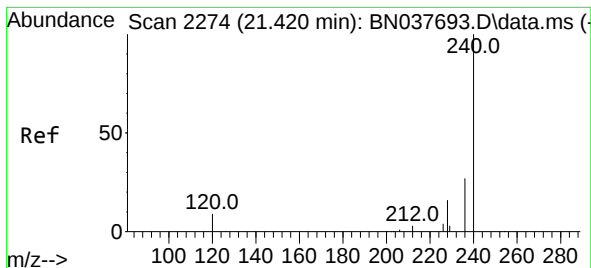
Ion Ratio Lower Upper

212 100

106 16.2 12.2 18.2

104 10.0 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: BN037851.D

Acq: 22 Sep 2025 11:31

Instrument :

BNA_N

ClientSampleId :

RE134D2-20250912DL

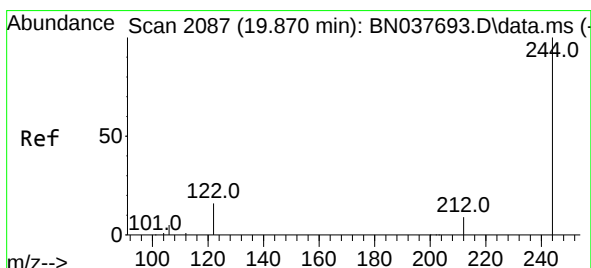
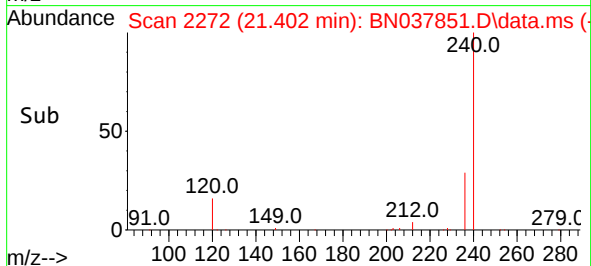
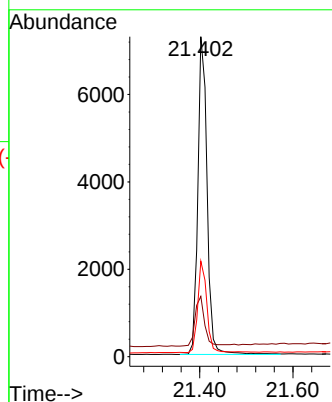
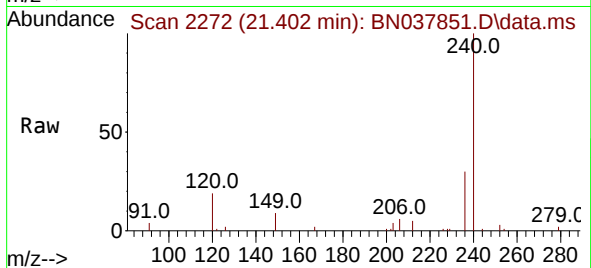
Tgt Ion:240 Resp: 10054

Ion Ratio Lower Upper

240 100

120 18.8 9.2 13.8#

236 29.8 22.6 33.8



#31

Terphenyl-d14

Concen: 0.186 ng

RT: 19.856 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037851.D

Acq: 22 Sep 2025 11:31

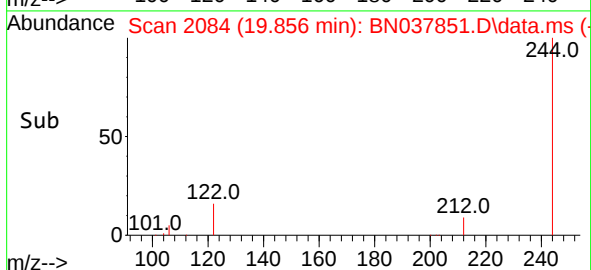
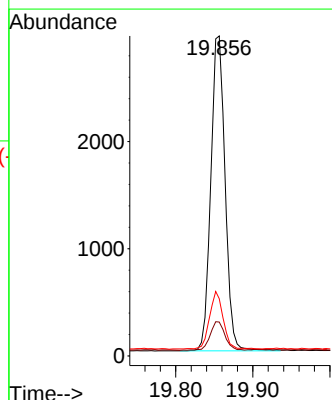
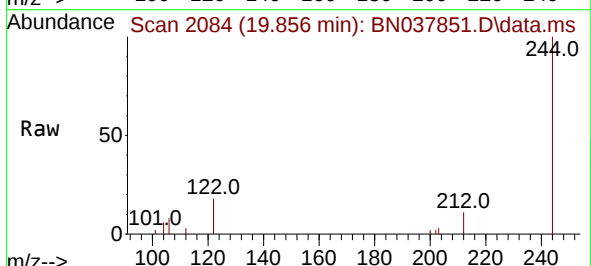
Tgt Ion:244 Resp: 3791

Ion Ratio Lower Upper

244 100

212 10.6 7.5 11.3

122 17.9 13.2 19.8

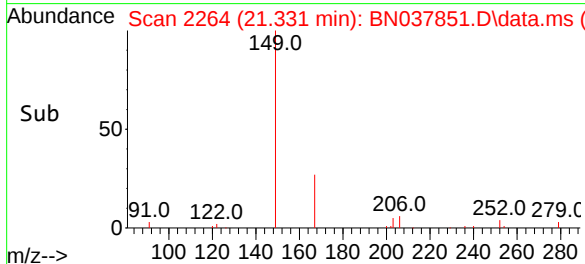
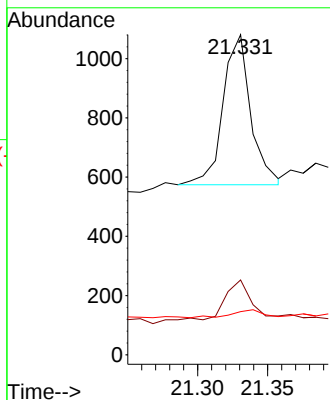
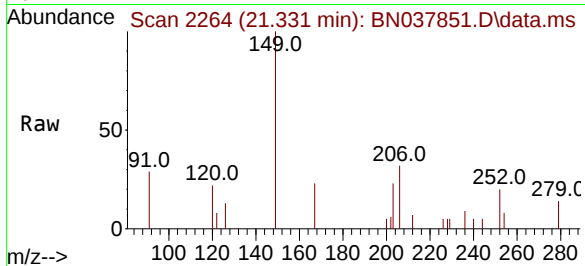




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng
RT: 21.331 min Scan# 21331
Delta R.T. -0.018 min
Lab File: BN037851.D
Acq: 22 Sep 2025 11:31

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Tgt Ion:149 Resp: 700
Ion Ratio Lower Upper
149 100
167 28.0 20.8 31.2
279 6.0 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: BN037851.D
Acq: 22 Sep 2025 11:31

Tgt Ion:264 Resp: 9647
Ion Ratio Lower Upper
264 100
260 28.0 21.8 32.8
265 83.2 39.4 59.2#

