

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037786.D
 Acq On : 18 Sep 2025 20:38
 Operator : RC/JU
 Sample : Q3095-24
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20250910

Quant Time: Sep 19 04:11:15 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)

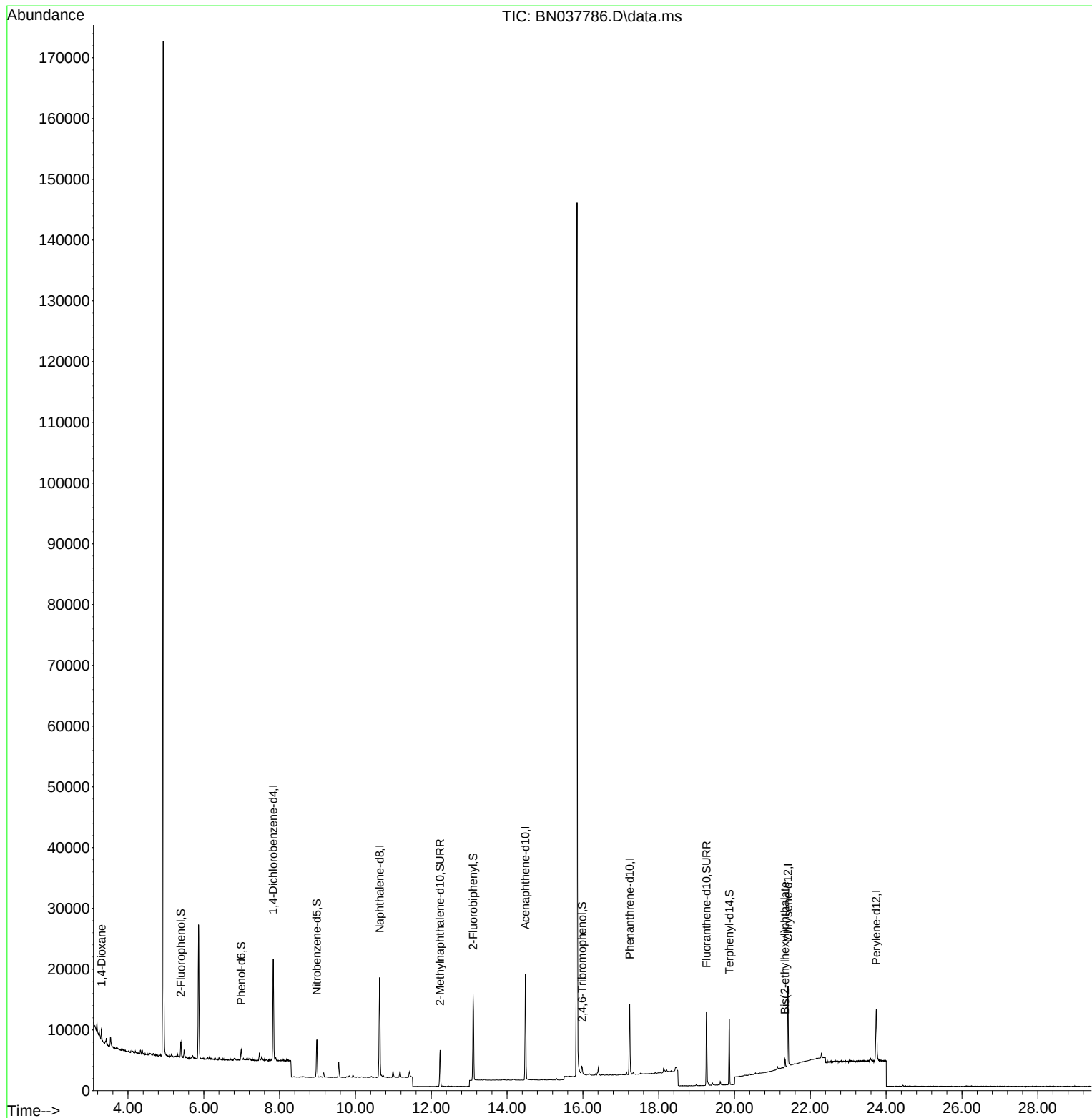
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7906	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	21432	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9551	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	16120	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12351	0.400	ng	0.00
35) Perylene-d12	23.738	264	12408	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2081	0.115	ng	0.00
5) Phenol-d6	6.988	99	1525	0.065	ng	0.00
8) Nitrobenzene-d5	8.982	82	4783	0.305	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	7810	0.275	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	898	0.360	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	12279	0.307	ng	-0.01
27) Fluoranthene-d10	19.262	212	13193	0.326	ng	0.00
31) Terphenyl-d14	19.861	244	9674	0.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	948	0.115	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.330	149	1447	0.113	ng	# 96

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

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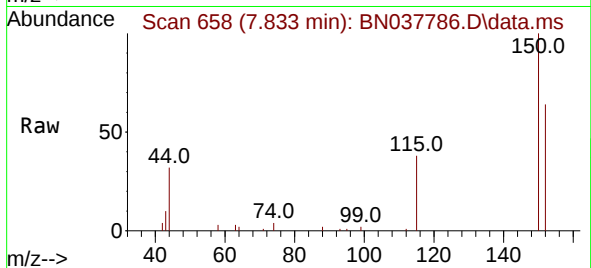
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



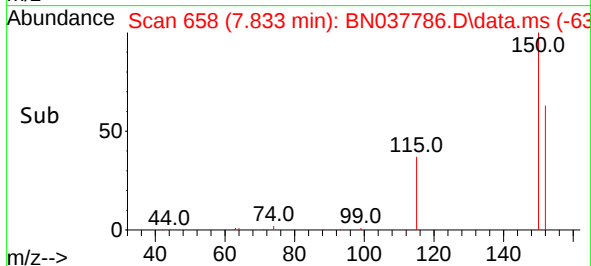
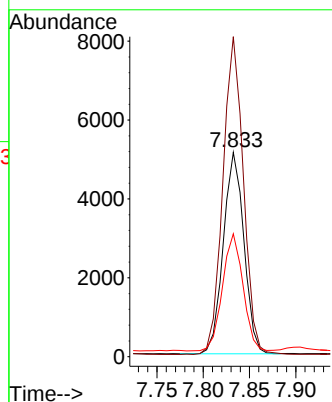


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037786.D
 Acq: 18 Sep 2025 20:38

Instrument :
 BNA_N
 ClientSampleId :
 MW178I-20250910

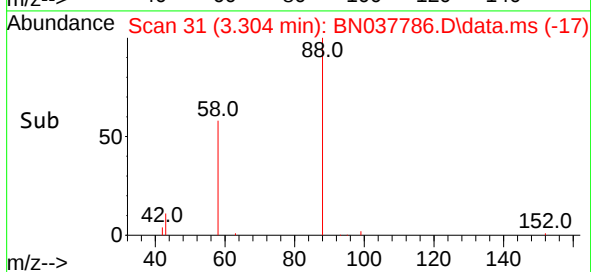
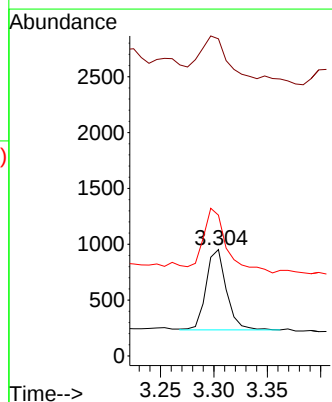
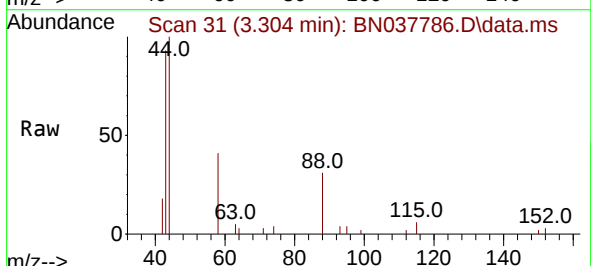


Tgt Ion:152 Resp: 7906
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.5 186.7
 115 60.2 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.115 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037786.D
 Acq: 18 Sep 2025 20:38

Tgt Ion: 88 Resp: 948
 Ion Ratio Lower Upper
 88 100
 43 68.2 26.8 40.2#
 58 92.9 61.9 92.9#

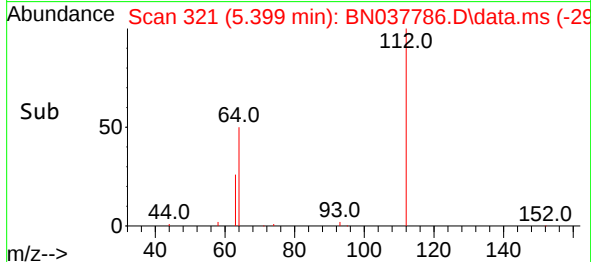
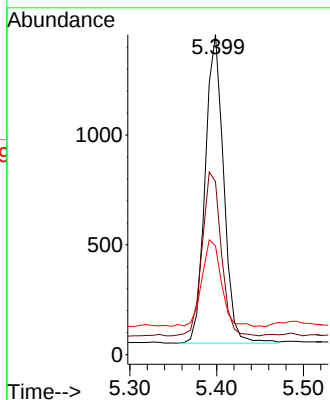
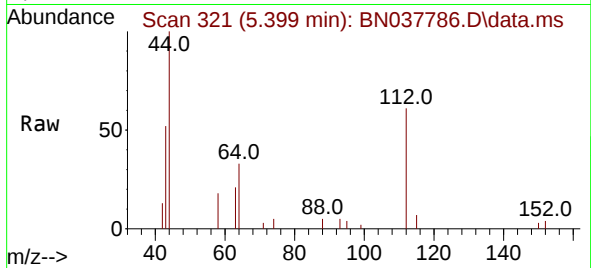




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

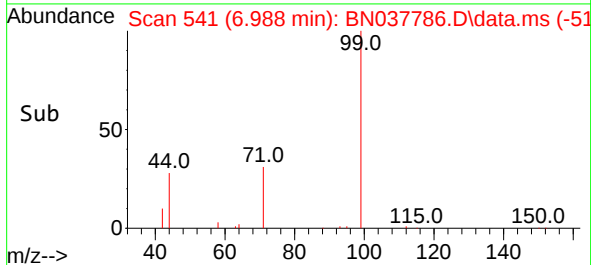
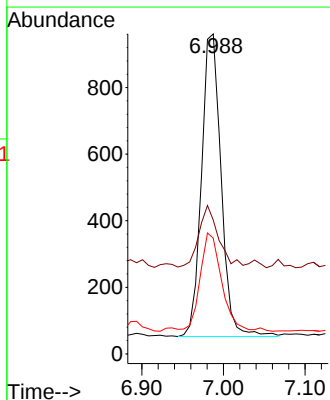
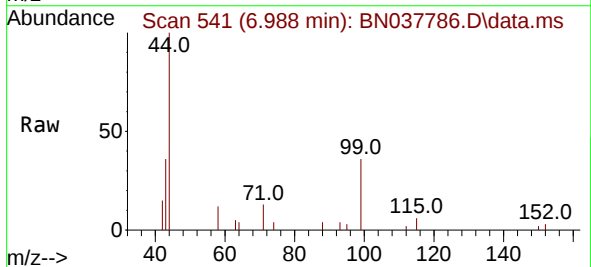
Instrument :
BNA_N
ClientSampleId :
MW178I-20250910

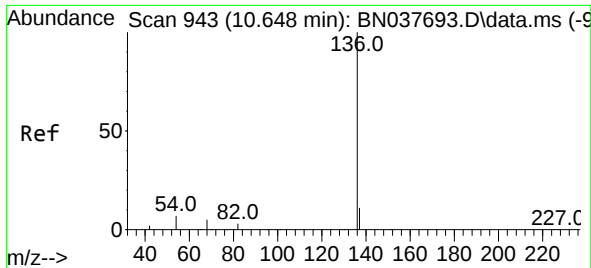
Tgt Ion:112 Resp: 2081
Ion Ratio Lower Upper
112 100
64 54.4 44.9 67.3
63 29.7 24.7 37.1



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

Tgt Ion: 99 Resp: 1525
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 36.1 26.7 40.1

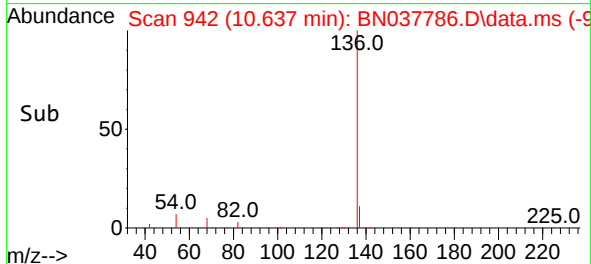
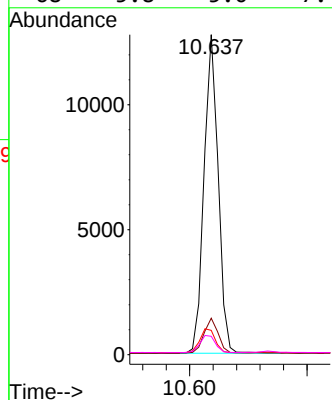
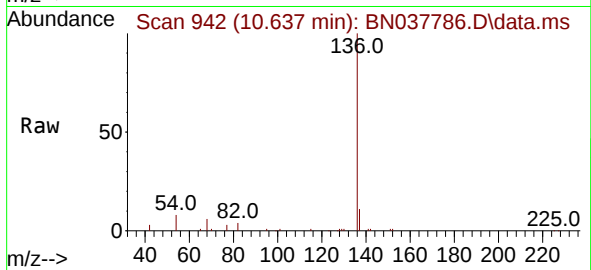




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

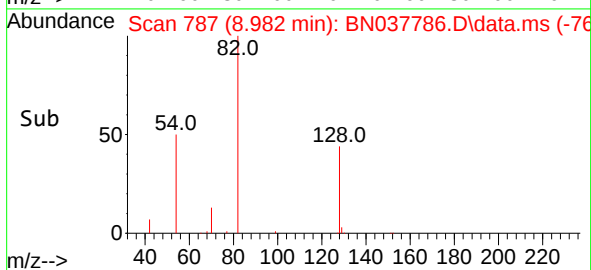
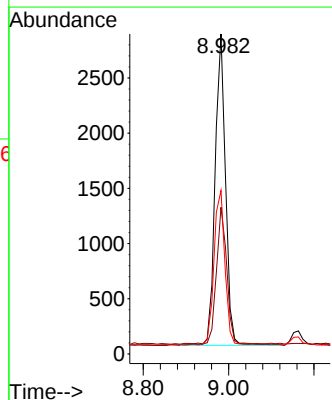
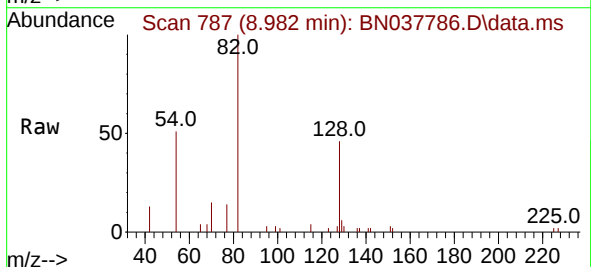
Instrument :
BNA_N
ClientSampleId :
MW178I-20250910

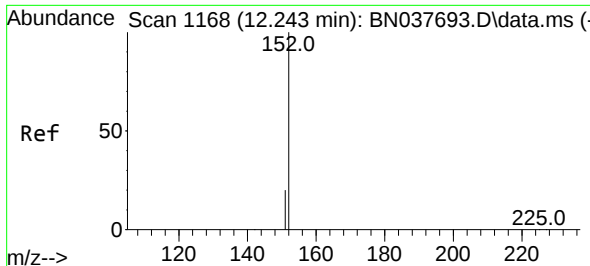
Tgt Ion:	136	Resp:	21432
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	7.6	6.3	9.5
68	5.8	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

Tgt Ion:	82	Resp:	4783
Ion Ratio	Lower	Upper	
82	100		
128	45.8	38.3	57.5
54	51.1	41.4	62.2

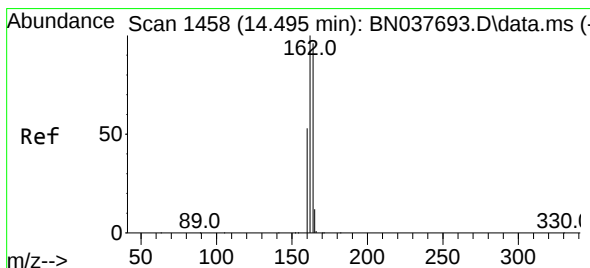
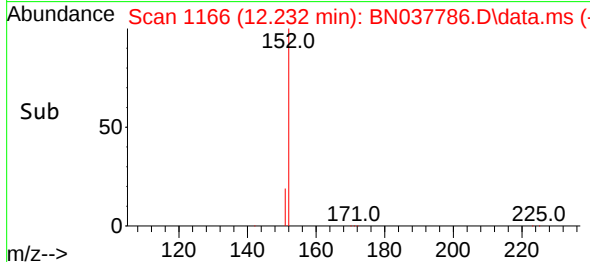
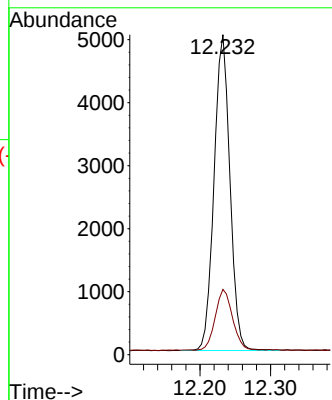
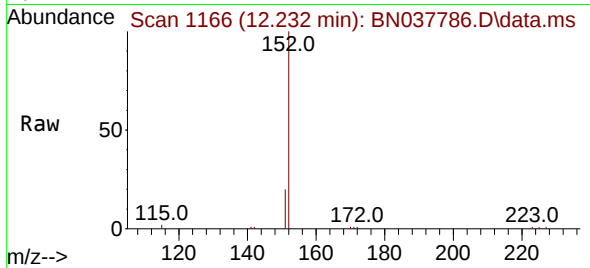




#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

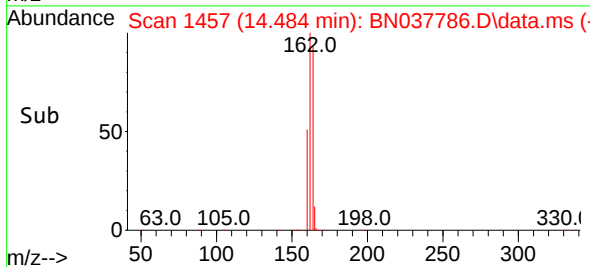
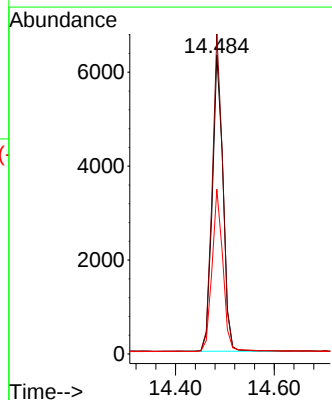
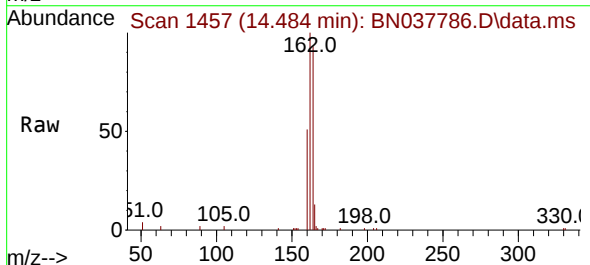
Instrument :
BNA_N
ClientSampleId :
MW178I-20250910

Tgt Ion:152 Resp: 7810
Ion Ratio Lower Upper
152 100
151 21.1 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: BN037786.D
Acq: 18 Sep 2025 20:38

Tgt Ion:164 Resp: 9551
Ion Ratio Lower Upper
164 100
162 107.1 83.1 124.7
160 55.1 44.3 66.5

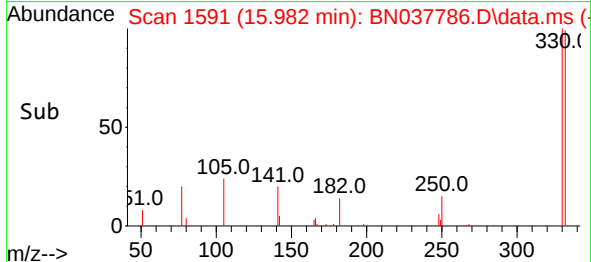
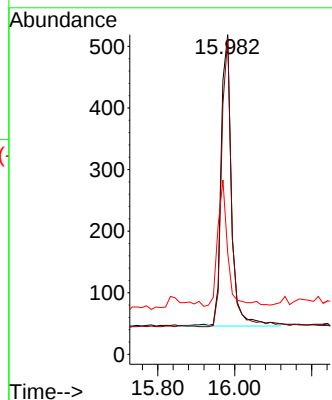
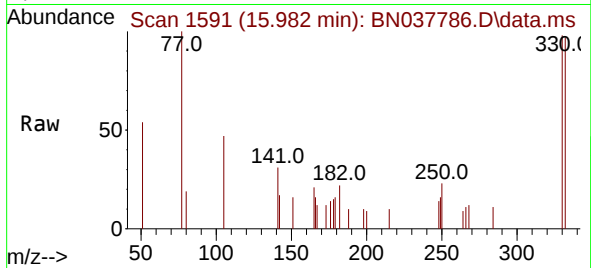




#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

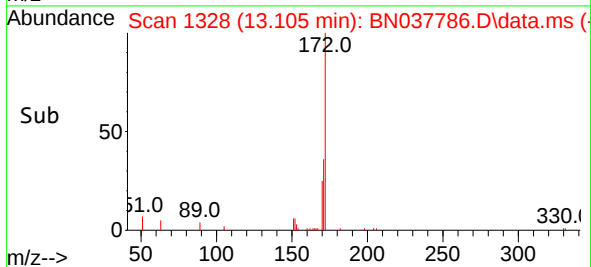
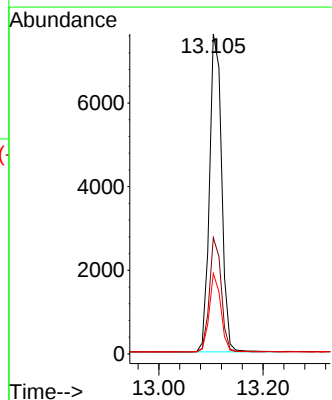
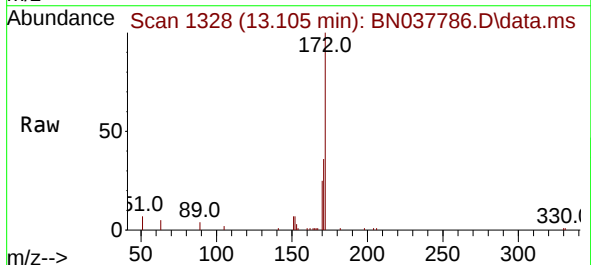
Instrument :
BNA_N
ClientSampleId :
MW178I-20250910

Tgt Ion: 330 Resp: 898
Ion Ratio Lower Upper
330 100
332 94.7 75.3 112.9
141 42.0 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

Tgt Ion: 172 Resp: 12279
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 25.1 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN037786.D

Acq: 18 Sep 2025 20:38

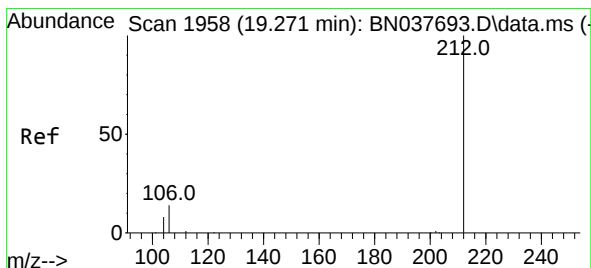
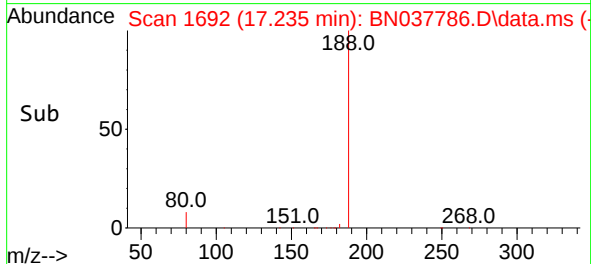
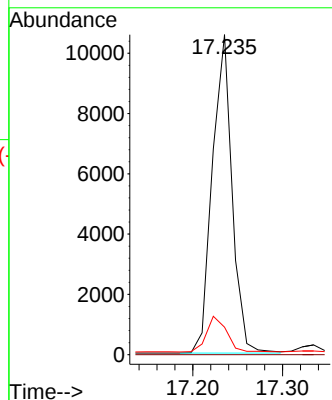
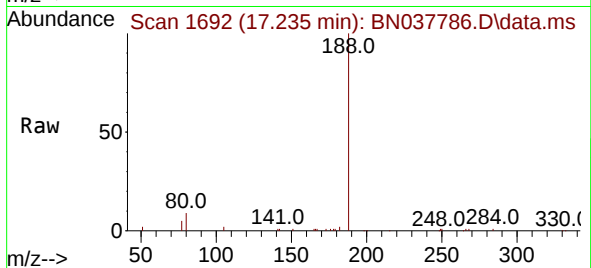
Instrument :

BNA_N

ClientSampleId :

MW178I-20250910

Tgt Ion:188	Resp:	16120
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.6	15.8



#27

Fluoranthene-d10

Concen: 0.326 ng

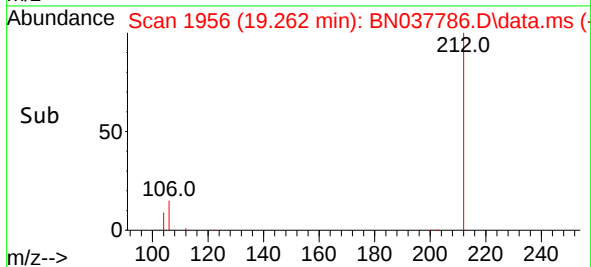
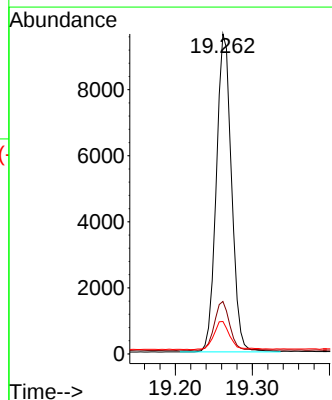
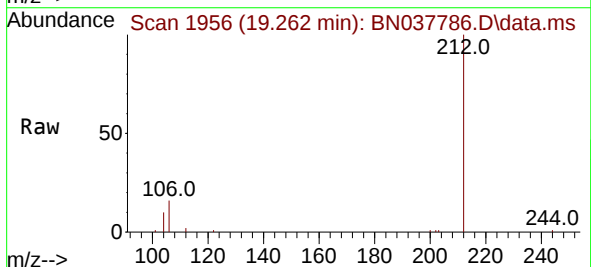
RT: 19.262 min Scan# 1956

Delta R.T. -0.010 min

Lab File: BN037786.D

Acq: 18 Sep 2025 20:38

Tgt Ion:212	Resp:	13193
Ion Ratio	Lower	Upper
212	100	
106	15.9	12.2
104	9.1	6.9

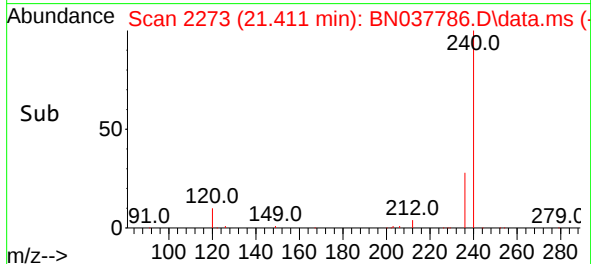
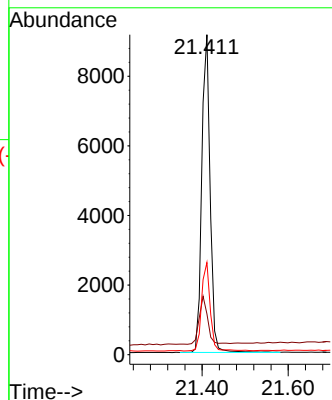
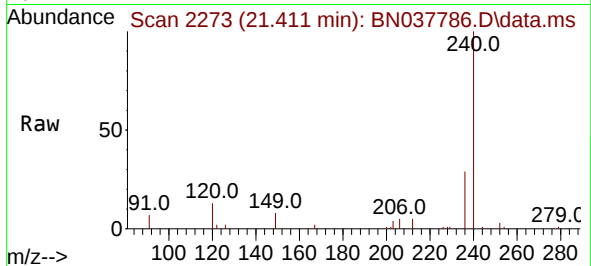




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

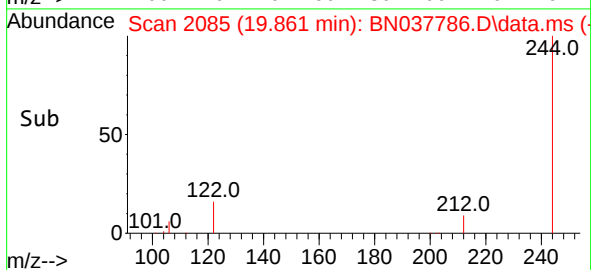
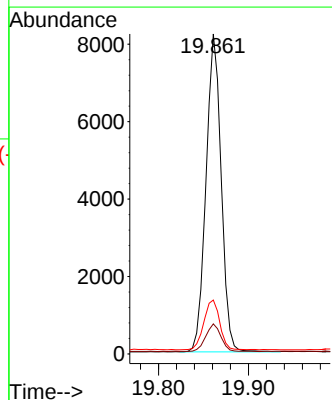
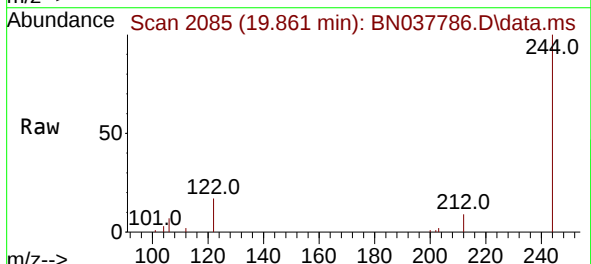
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Tgt Ion:240 Resp: 12351
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 28.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.010 min
Lab File: BN037786.D
Acq: 18 Sep 2025 20:38

Tgt Ion:244 Resp: 9674
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 16.8 13.2 19.8

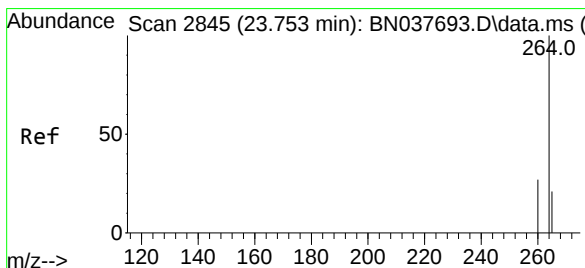
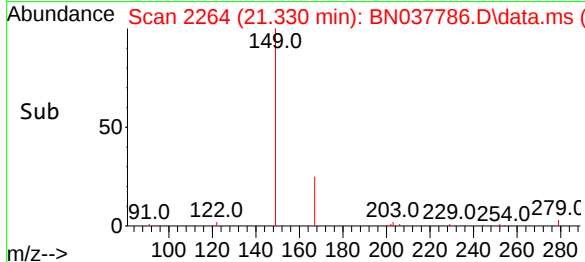
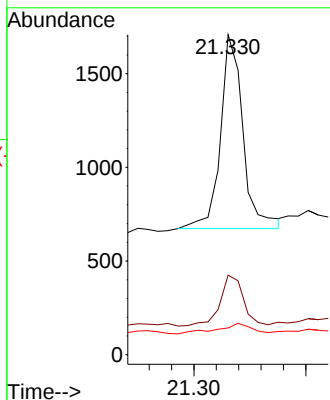
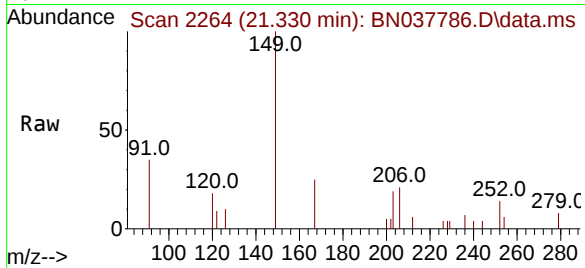




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.330 min Scan# 2134
 Delta R.T. -0.018 min
 Lab File: BN037786.D
 Acq: 18 Sep 2025 20:38

Instrument :
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 ClientSampleId :
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Tgt Ion:149 Resp: 1447
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.8 31.2
 279 8.2 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 2840
 Delta R.T. -0.015 min
 Lab File: BN037786.D
 Acq: 18 Sep 2025 20:38

Tgt Ion:264 Resp: 12408
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.8 32.8
 265 74.3 39.4 59.2#

