

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037750.D
 Acq On : 17 Sep 2025 17:36
 Operator : RC/JU
 Sample : Q3095-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20250908

Quant Time: Sep 17 18:05:06 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)

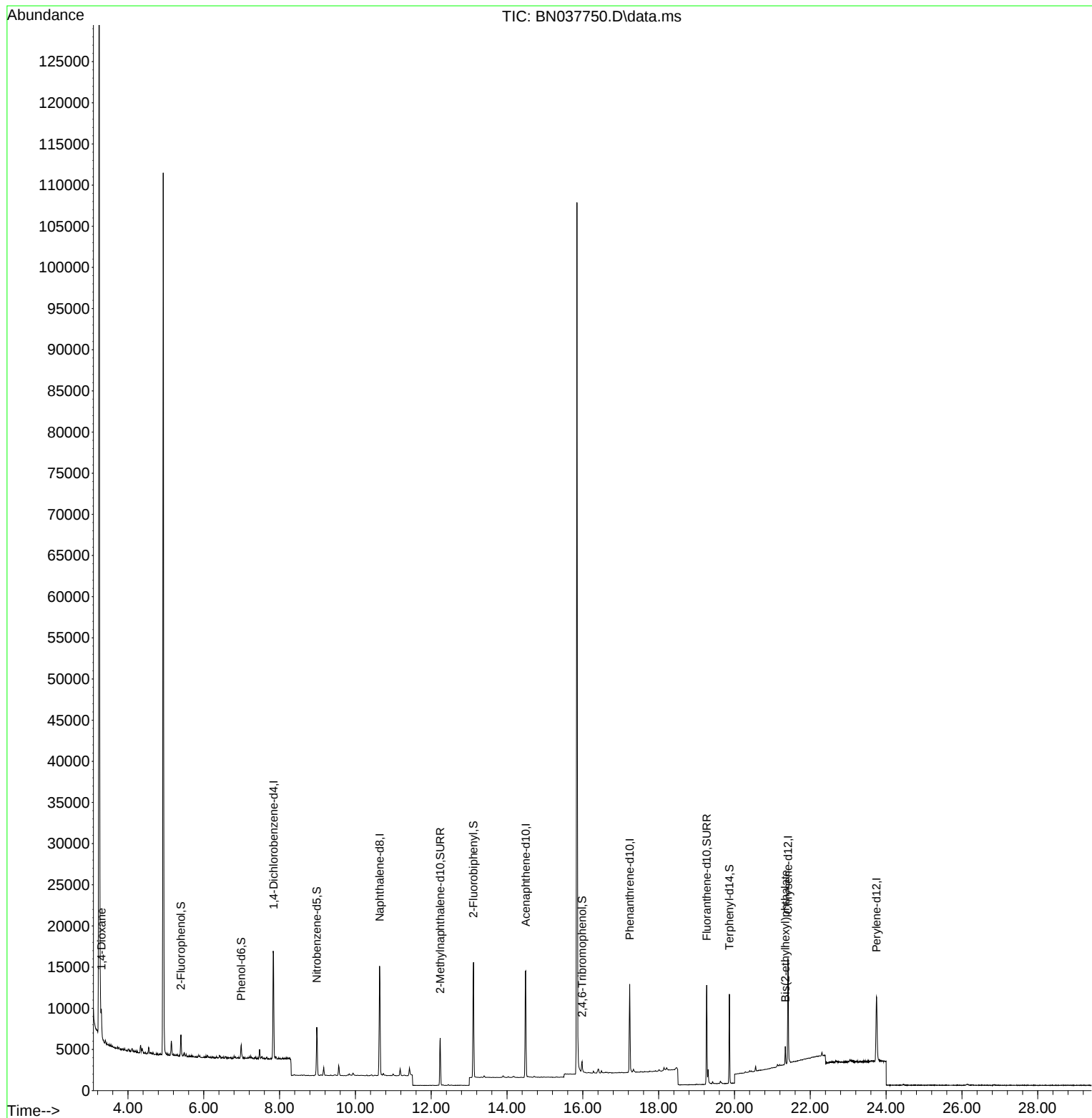
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6641	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17861	0.400	ng	-0.01
13) Acenaphthene-d10	14.495	164	7906	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	13742	0.400	ng	0.00
29) Chrysene-d12	21.411	240	11462	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	11339	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2038	0.134	ng	0.00
5) Phenol-d6	6.988	99	1521	0.077	ng	0.00
8) Nitrobenzene-d5	8.982	82	4613	0.353	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	7496	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	834	0.404	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	11872	0.359	ng	0.00
27) Fluoranthene-d10	19.267	212	13070	0.379	ng	0.00
31) Terphenyl-d14	19.866	244	9983	0.429	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.304	88	1507	0.218	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.340	149	2119	0.179	ng	100

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

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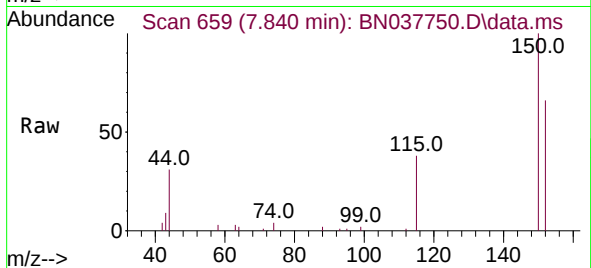
Quant Time: Sep 17 18:05:06 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



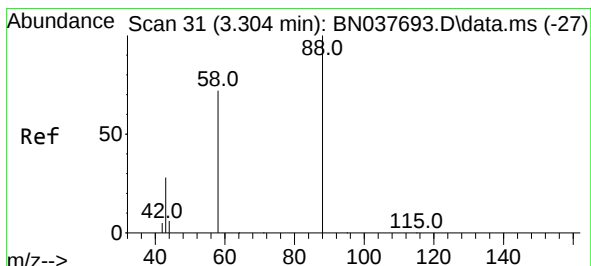
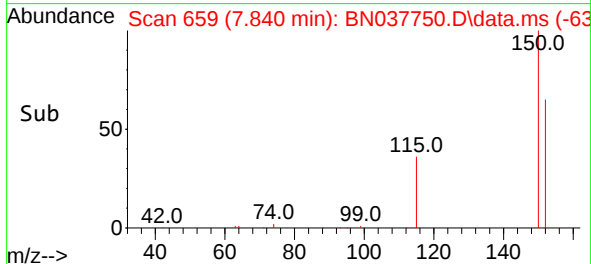
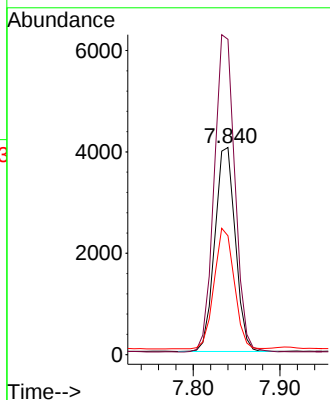


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037750.D
 Acq: 17 Sep 2025 17:36

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20250908

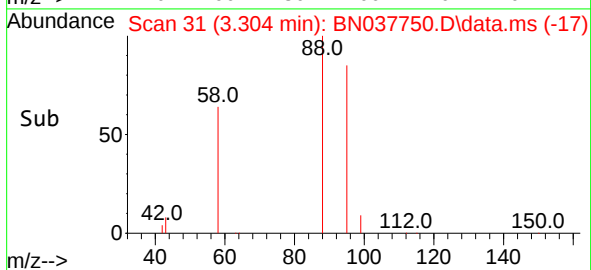
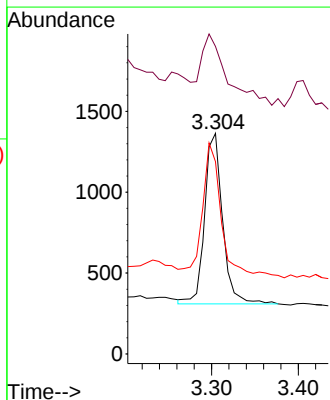
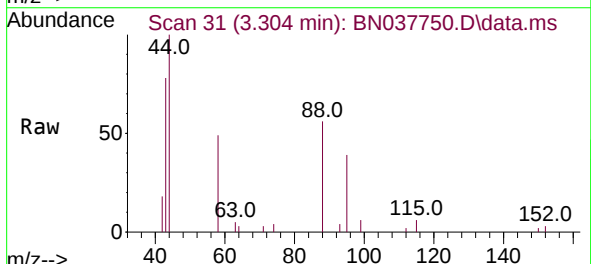


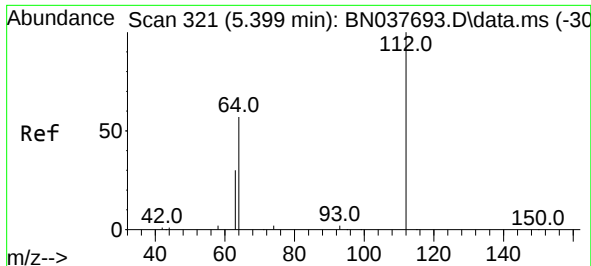
Tgt Ion:152 Resp: 6641
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.5 186.7
 115 57.4 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.218 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037750.D
 Acq: 17 Sep 2025 17:36

Tgt Ion: 88 Resp: 1507
 Ion Ratio Lower Upper
 88 100
 43 61.9 26.8 40.2#
 58 79.1 61.9 92.9

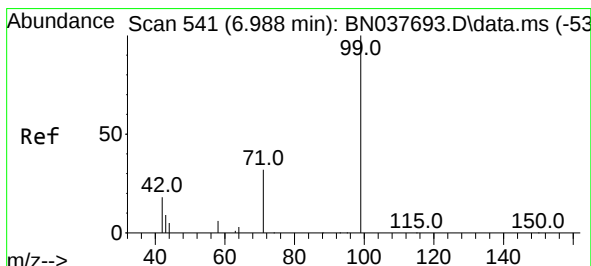
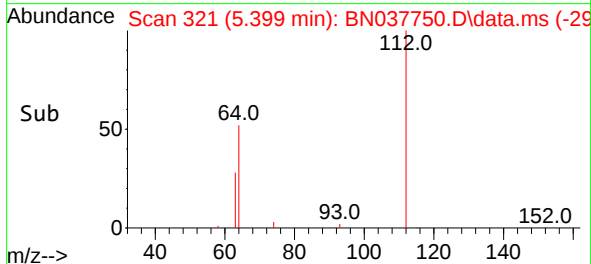
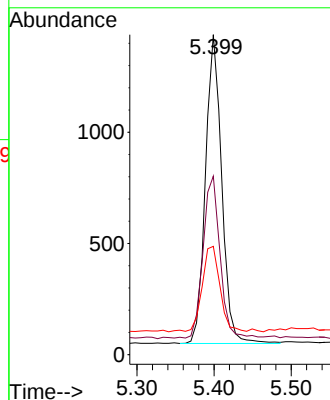
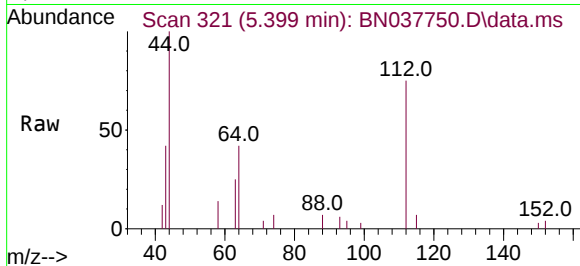




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

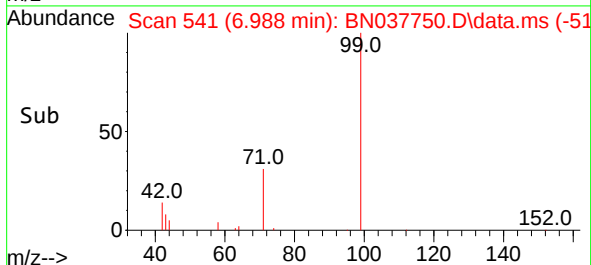
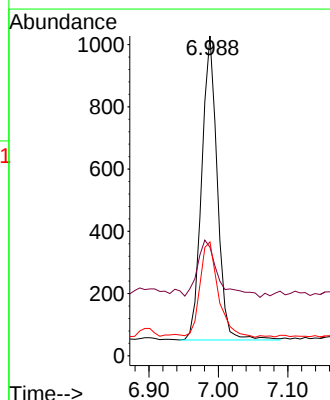
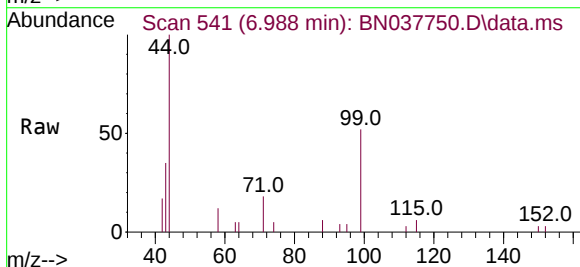
Instrument :
BNA_N
ClientSampleId :
MW179D1-20250908

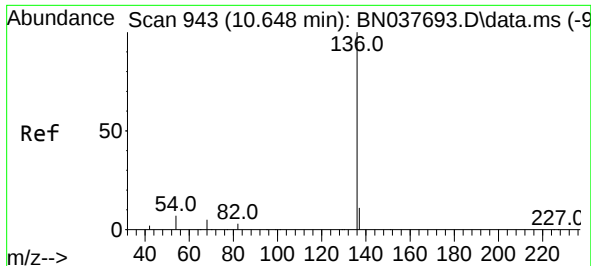
Tgt Ion:112 Resp: 2038
Ion Ratio Lower Upper
112 100
64 54.4 44.9 67.3
63 30.1 24.7 37.1



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

Tgt Ion: 99 Resp: 1521
Ion Ratio Lower Upper
99 100
42 24.6 16.6 24.8
71 36.8 26.7 40.1

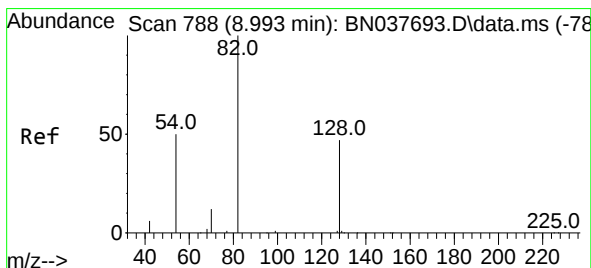
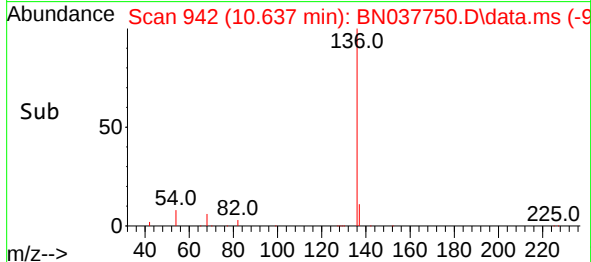
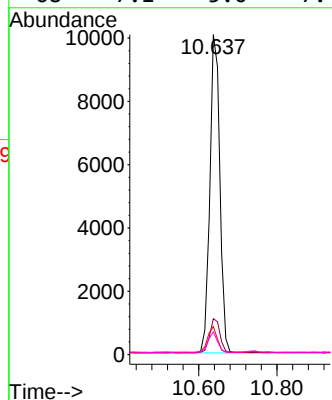
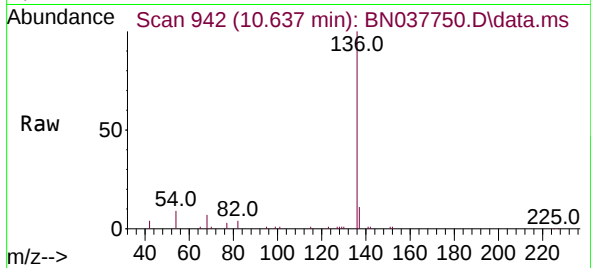




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

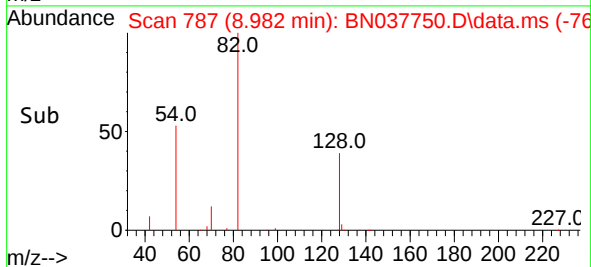
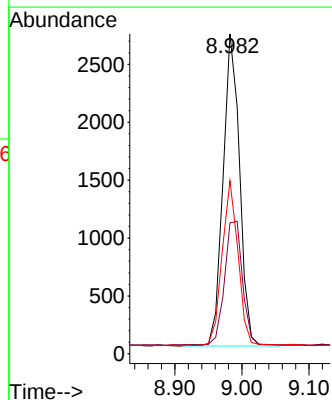
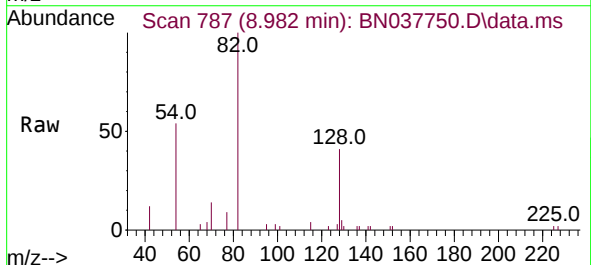
Instrument :
BNA_N
ClientSampleId :
MW179D1-20250908

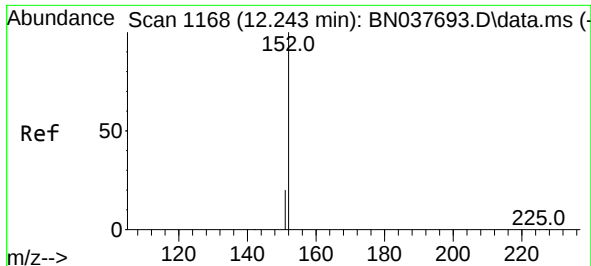
Tgt Ion:136	Resp:	17861
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	8.8	6.3 9.5
68	7.1	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

Tgt Ion: 82	Resp:	4613
Ion Ratio	Lower	Upper
82	100	
128	40.9	38.3 57.5
54	54.1	41.4 62.2

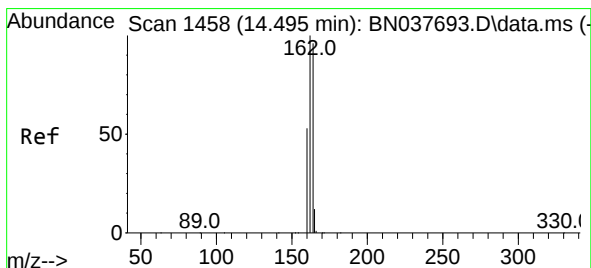
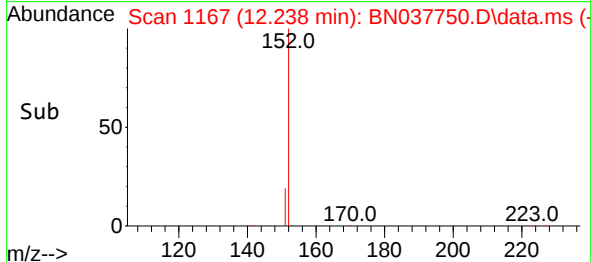
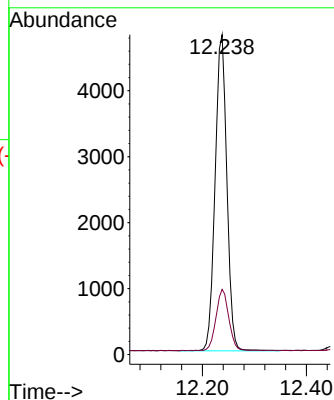
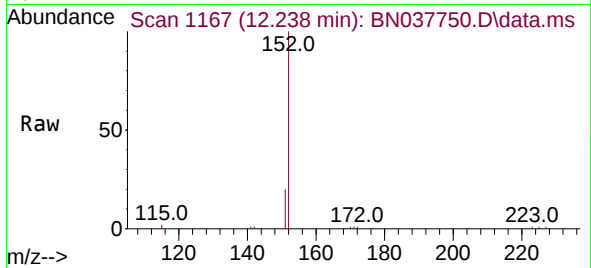




#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

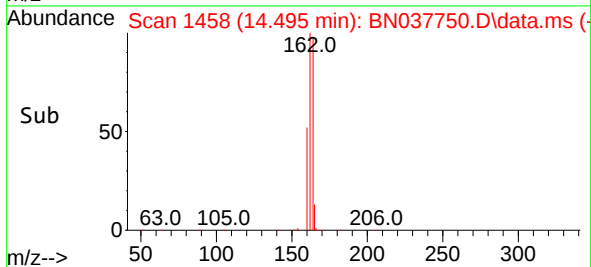
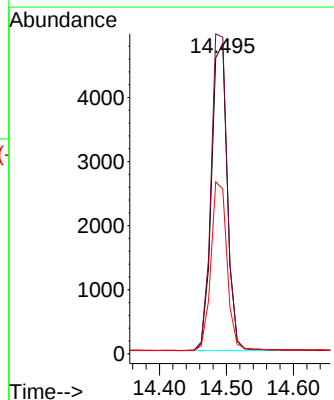
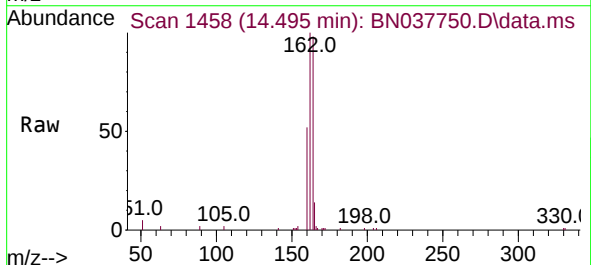
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ClientSampleId :
MW179D1-20250908

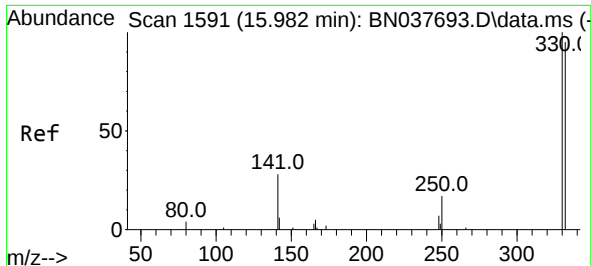
Tgt Ion:152 Resp: 7496
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

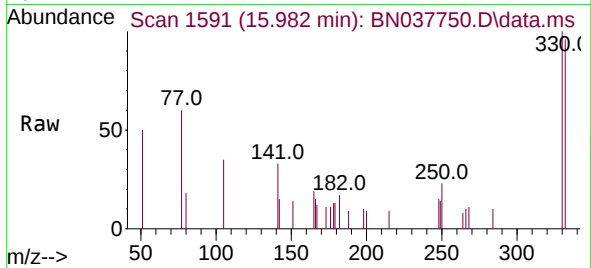
Tgt Ion:164 Resp: 7906
Ion Ratio Lower Upper
164 100
162 102.2 83.1 124.7
160 53.2 44.3 66.5



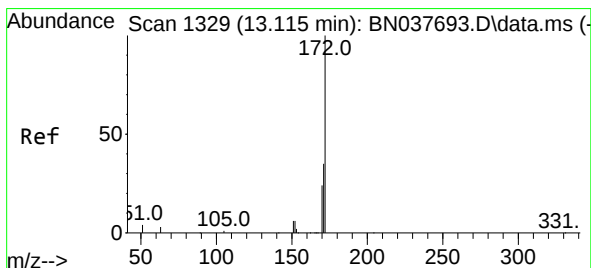
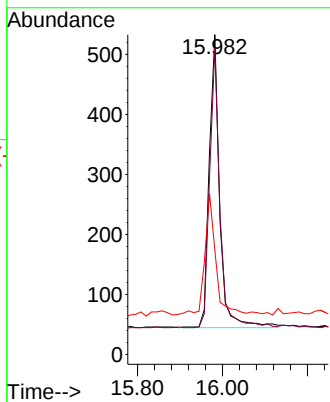
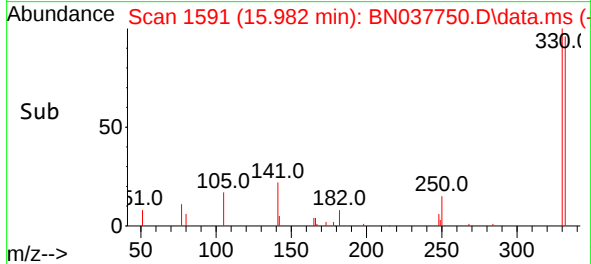


#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

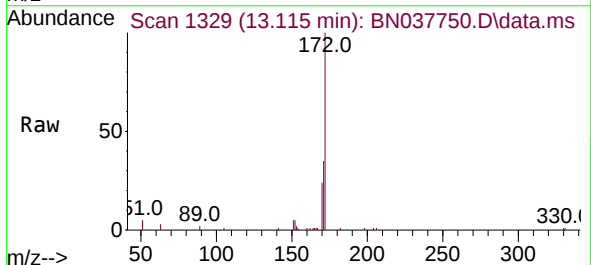
Instrument :
BNA_N
ClientSampleId :
MW179D1-20250908



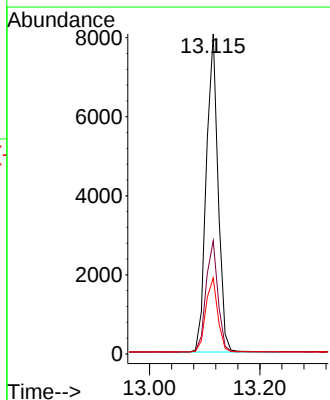
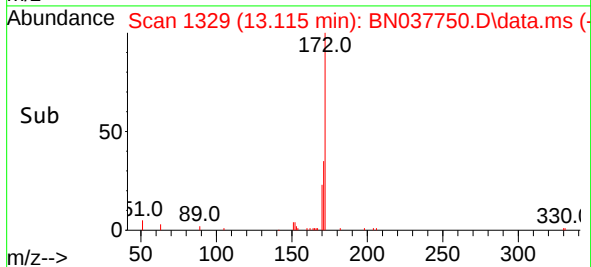
Tgt Ion:330 Resp: 834
Ion Ratio Lower Upper
330 100
332 93.4 75.3 112.9
141 43.5 35.0 52.4

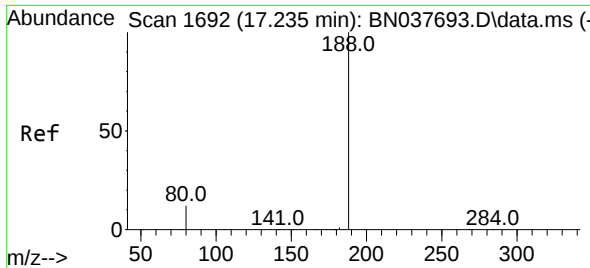


#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36



Tgt Ion:172 Resp: 11872
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.8 29.8

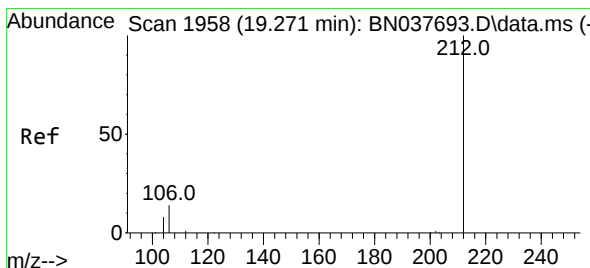
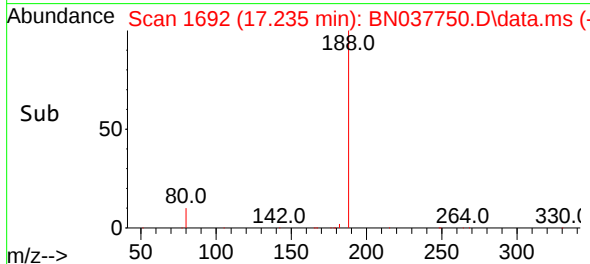
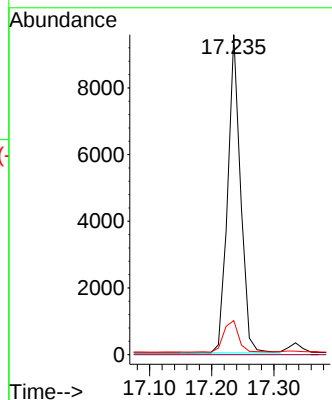
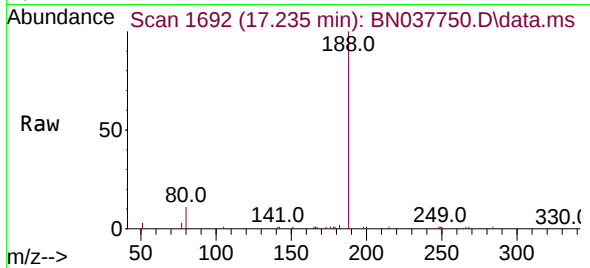




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

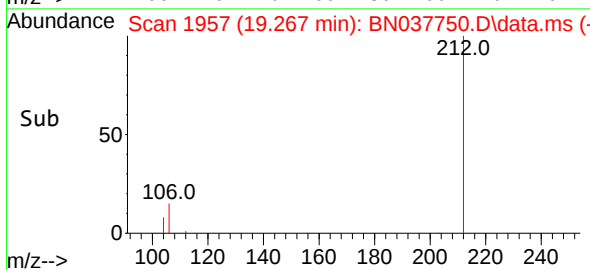
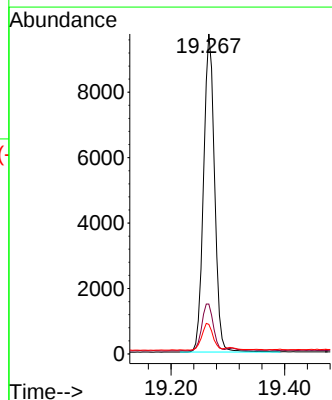
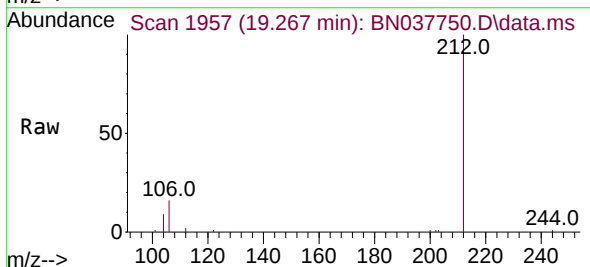
Instrument :
BNA_N
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MW179D1-20250908

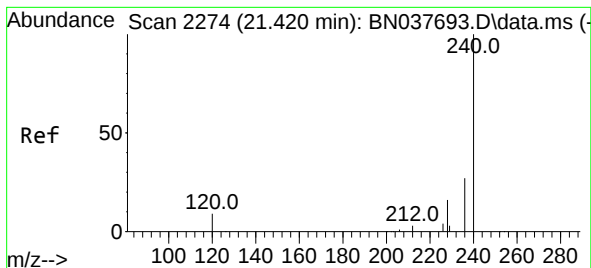
Tgt Ion:188 Resp: 13742
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

Tgt Ion:212 Resp: 13070
Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.2
104 8.4 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037750.D

Acq: 17 Sep 2025 17:36

Instrument :

BNA_N

ClientSampleId :

MW179D1-20250908

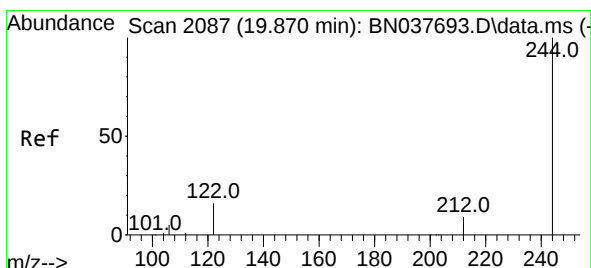
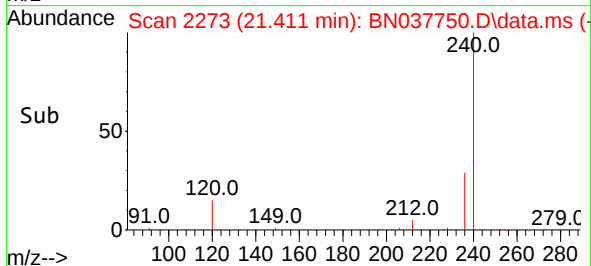
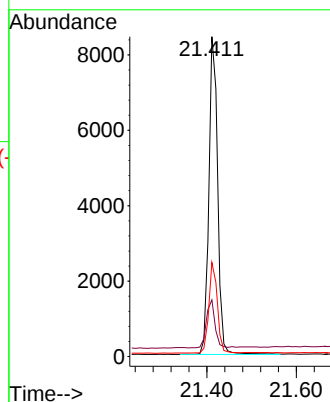
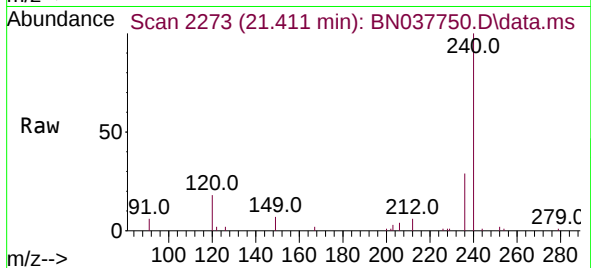
Tgt Ion:240 Resp: 11462

Ion Ratio Lower Upper

240 100

120 17.7 9.2 13.8#

236 29.4 22.6 33.8



#31

Terphenyl-d14

Concen: 0.429 ng

RT: 19.866 min Scan# 2086

Delta R.T. -0.005 min

Lab File: BN037750.D

Acq: 17 Sep 2025 17:36

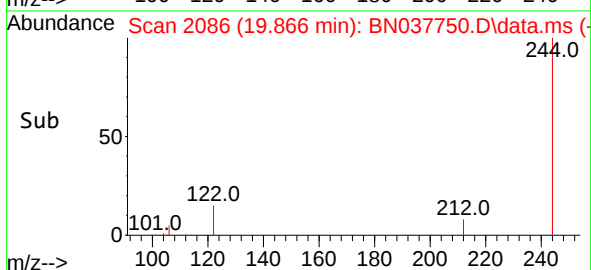
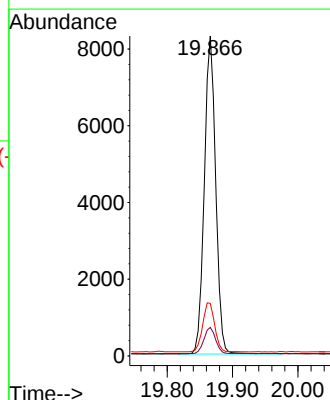
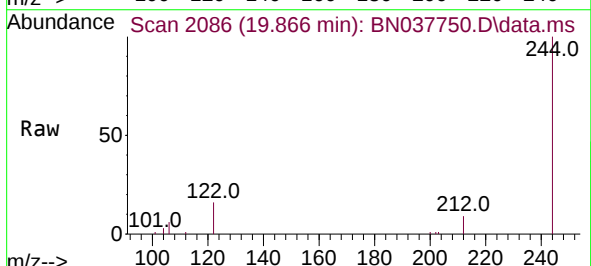
Tgt Ion:244 Resp: 9983

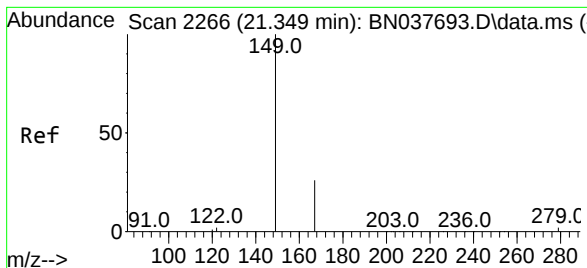
Ion Ratio Lower Upper

244 100

212 8.9 7.5 11.3

122 16.4 13.2 19.8

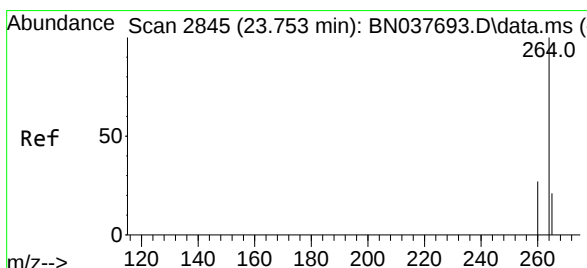
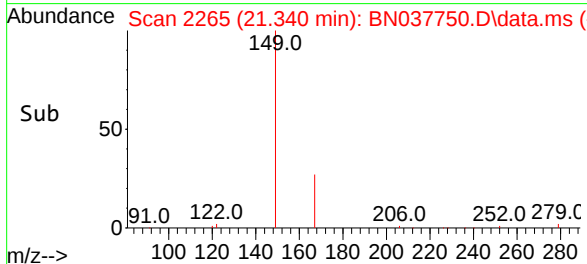
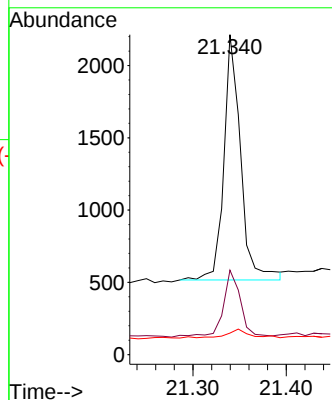
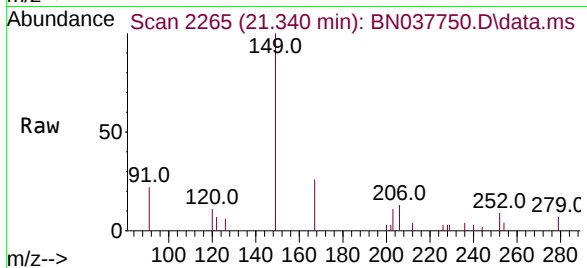




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.179 ng
RT: 21.340 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

Instrument :
BNA_N
ClientSampleId :
MW179D1-20250908

Tgt Ion:	149	Resp:	2119
Ion Ratio	Lower	Upper	
149	100		
167	26.0	20.8	31.2
279	4.6	3.3	4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BN037750.D
Acq: 17 Sep 2025 17:36

Tgt Ion:	264	Resp:	11339
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.8	32.8
265	61.8	39.4	59.2

