

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037749.D
 Acq On : 17 Sep 2025 17:00
 Operator : RC/JU
 Sample : Q3095-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20250908

Quant Time: Sep 17 17:28:08 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

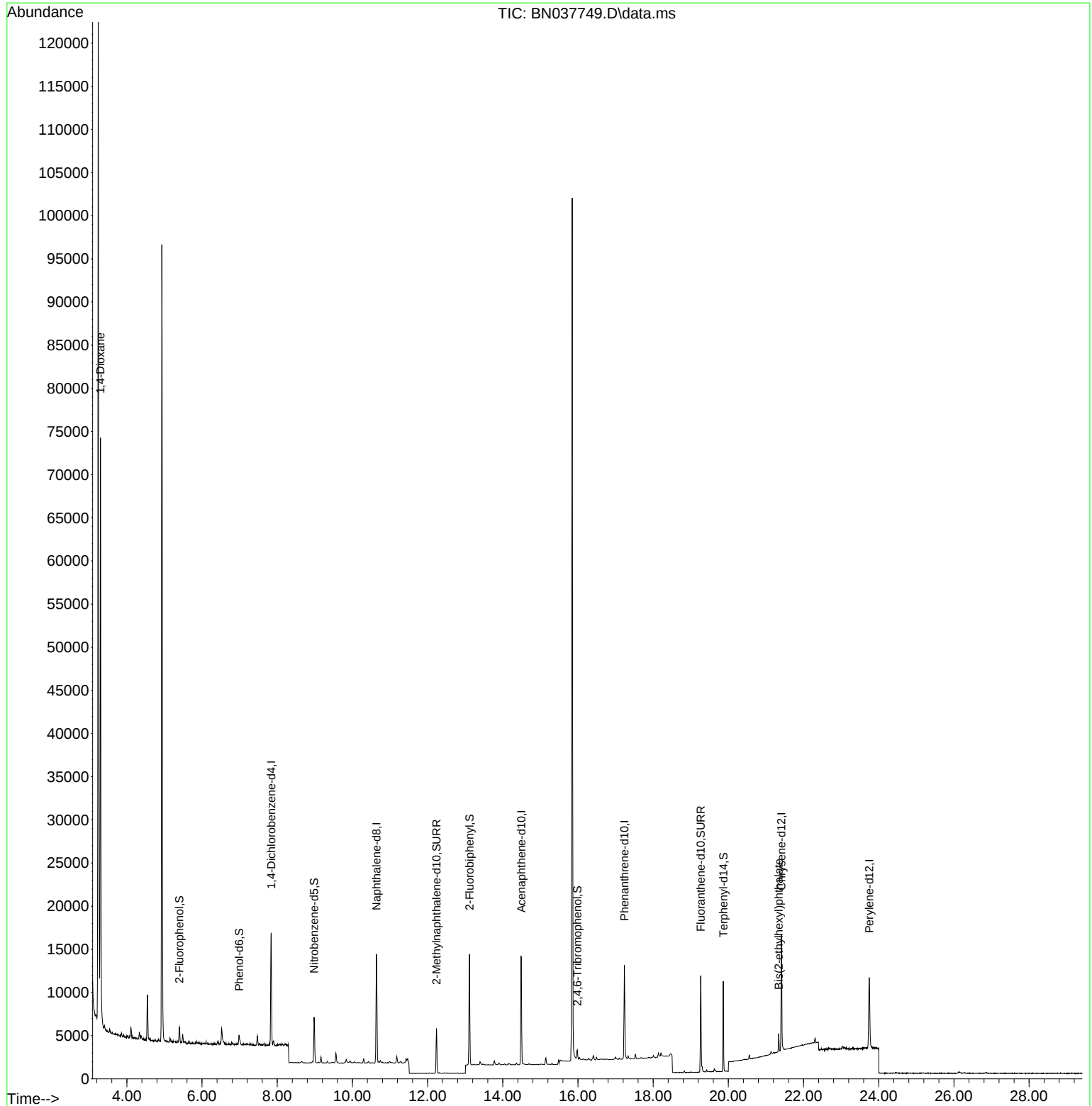
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.840	152	6464	0.400 ng	0.00
7) Naphthalene-d8	10.637	136	17423	0.400 ng	-0.01
13) Acenaphthene-d10	14.495	164	7814	0.400 ng	0.00
19) Phenanthrene-d10	17.235	188	14079	0.400 ng	# 0.00
29) Chrysene-d12	21.411	240	12160	0.400 ng	# 0.00
35) Perylene-d12	23.747	264	12015	0.400 ng	# 0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.399	112	1448	0.098 ng	0.00
5) Phenol-d6	6.988	99	1049	0.055 ng	0.00
8) Nitrobenzene-d5	8.982	82	4184	0.328 ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	6835	0.296 ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	696	0.342 ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10870	0.333 ng	0.00
27) Fluoranthene-d10	19.267	212	12815	0.363 ng	0.00
31) Terphenyl-d14	19.866	244	9711	0.393 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.297	88	39911	5.928 ng	93
34) Bis(2-ethylhexyl)phtha...	21.340	149	1977	0.157 ng	99

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

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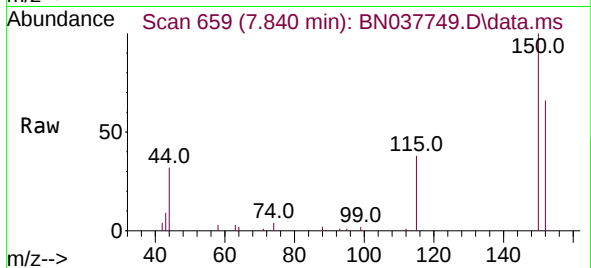
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





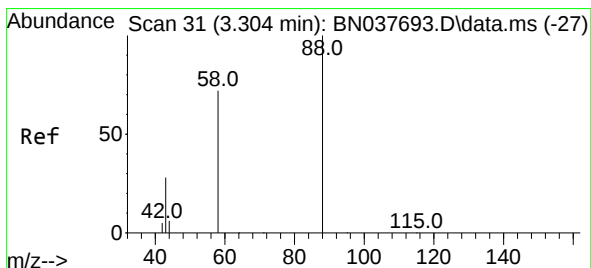
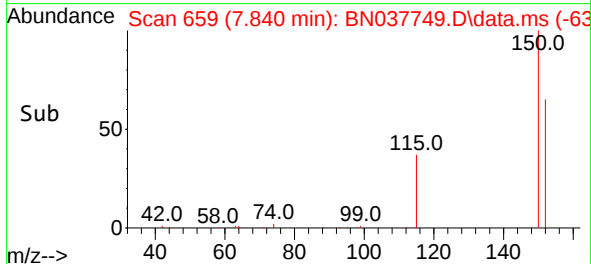
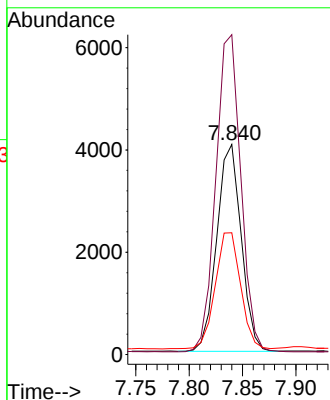
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037749.D
 Acq: 17 Sep 2025 17:00

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20250908



Tgt Ion:152 Resp: 6464

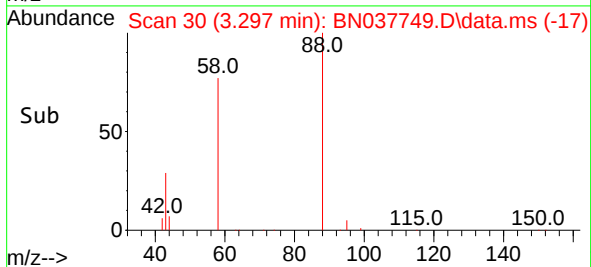
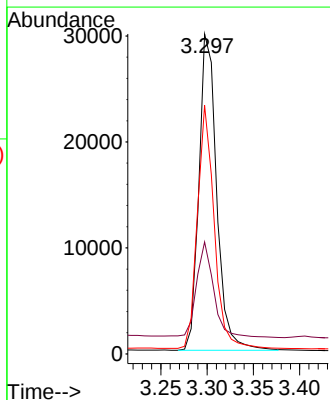
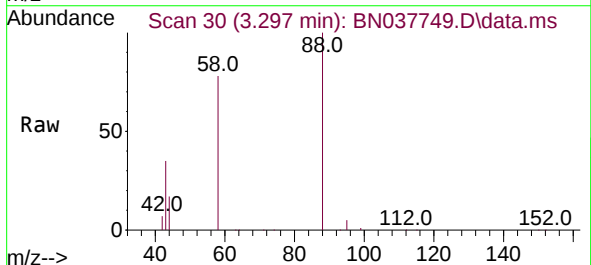
Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.5	186.7
115	57.9	49.2	73.8

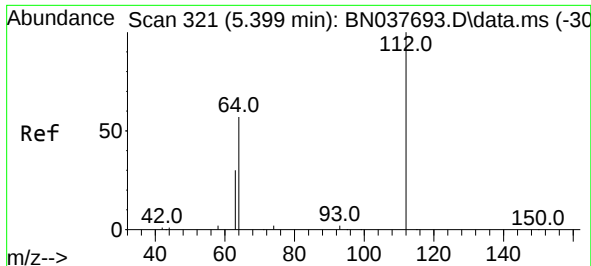


#2
 1,4-Dioxane
 Concen: 5.928 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037749.D
 Acq: 17 Sep 2025 17:00

Tgt Ion: 88 Resp: 39911

Ion	Ratio	Lower	Upper
88	100		
43	29.3	26.8	40.2
58	72.0	61.9	92.9

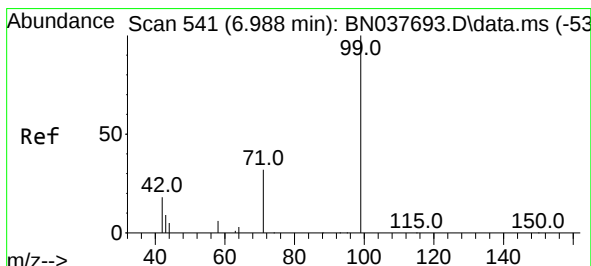
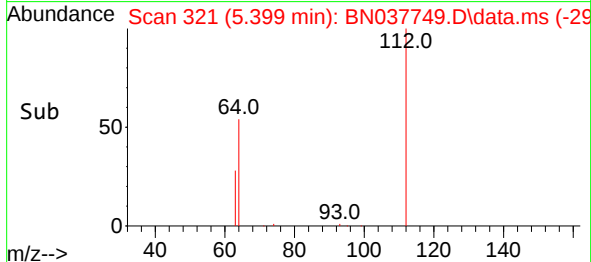
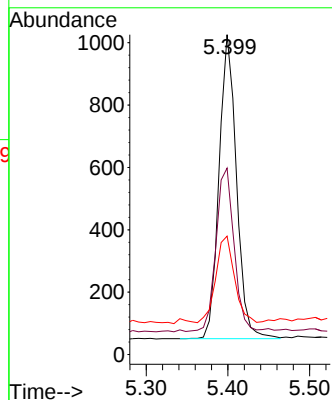
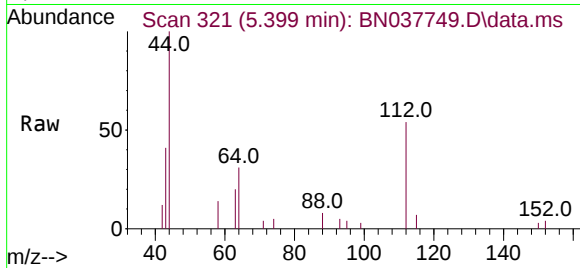




#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN037749.D
Acq: 17 Sep 2025 17:00

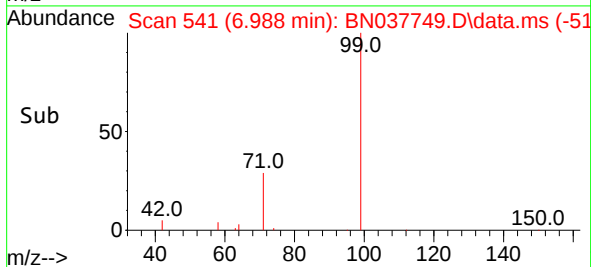
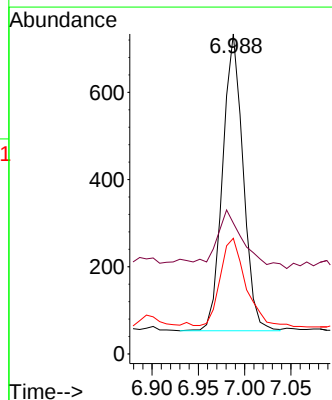
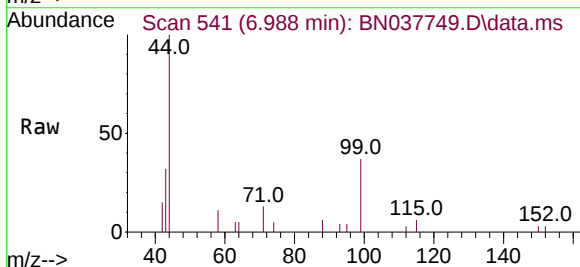
Instrument :
BNA_N
ClientSampleId :
MW201D-20250908

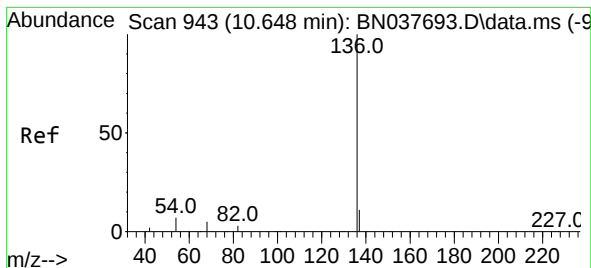
Tgt Ion: 112 Resp: 1448
Ion Ratio Lower Upper
112 100
64 55.5 44.9 67.3
63 30.6 24.7 37.1



#5
Phenol-d6
Concen: 0.055 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037749.D
Acq: 17 Sep 2025 17:00

Tgt Ion: 99 Resp: 1049
Ion Ratio Lower Upper
99 100
42 25.7 16.6 24.8#
71 39.2 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: BN037749.D

Acq: 17 Sep 2025 17:00

Instrument :

BNA_N

ClientSampleId :

MW201D-20250908

Tgt Ion:136 Resp: 17423

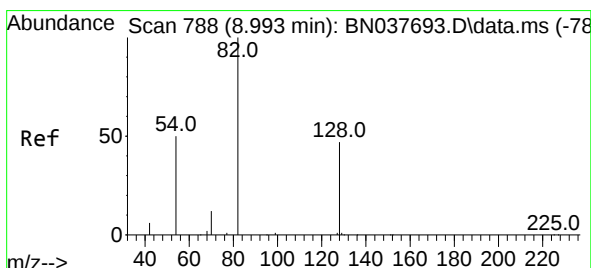
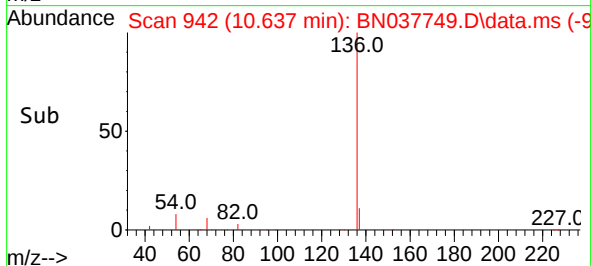
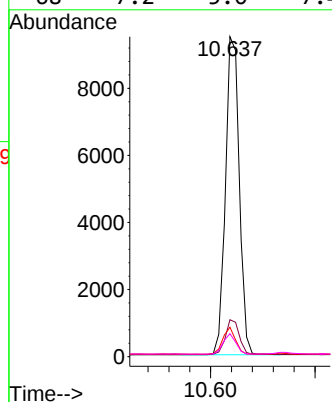
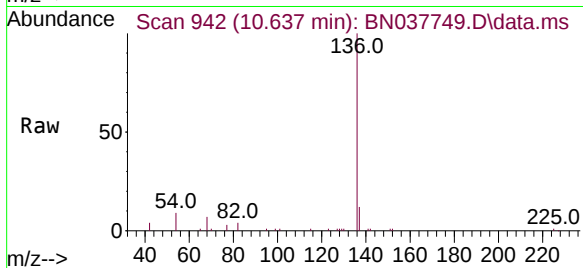
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.2 6.3 9.5

68 7.2 5.0 7.4



#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 8.982 min Scan# 787

Delta R.T. -0.011 min

Lab File: BN037749.D

Acq: 17 Sep 2025 17:00

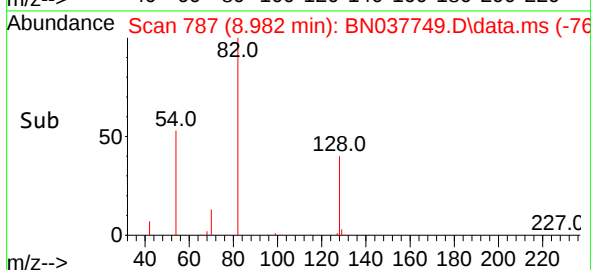
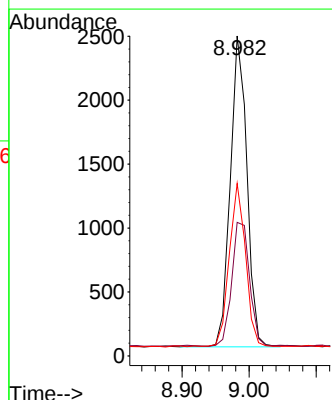
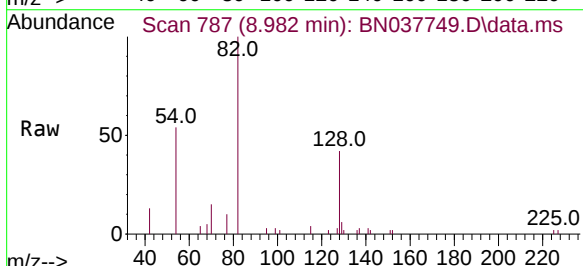
Tgt Ion: 82 Resp: 4184

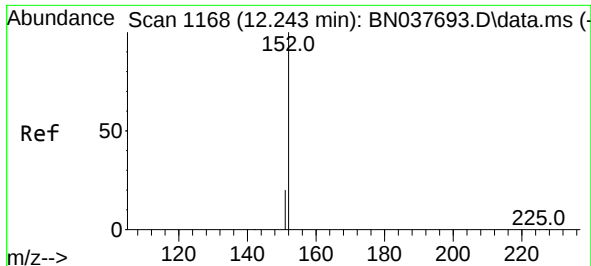
Ion Ratio Lower Upper

82 100

128 41.7 38.3 57.5

54 53.9 41.4 62.2

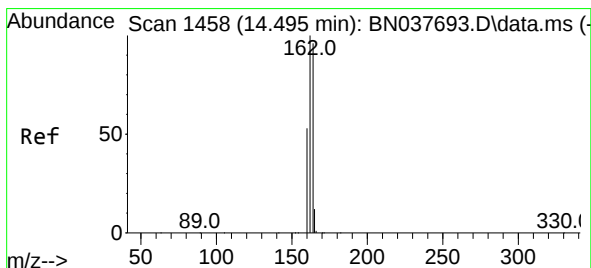
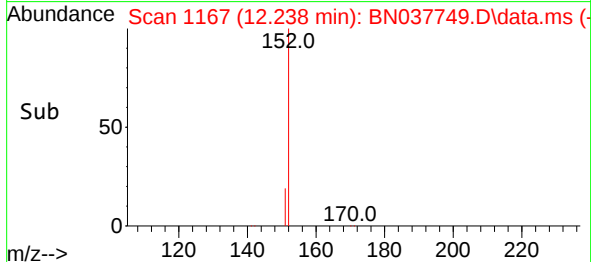
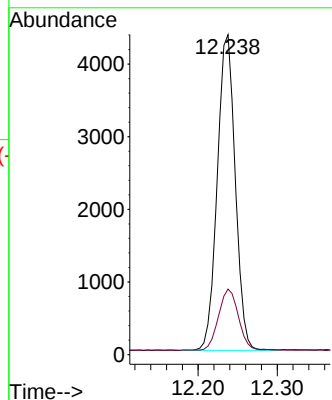
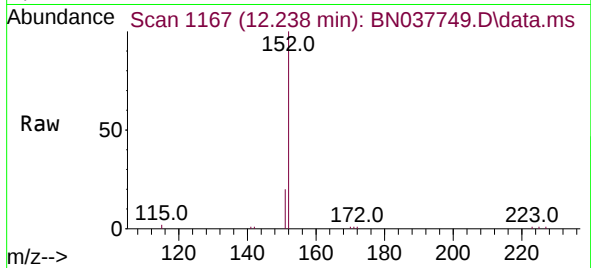




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037749.D
Acq: 17 Sep 2025 17:00

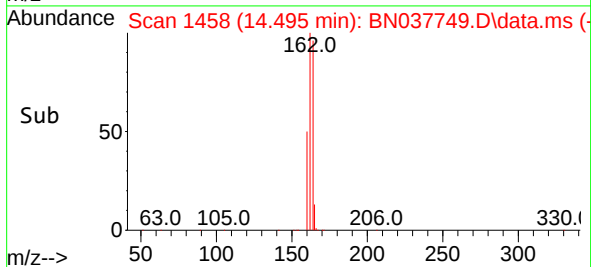
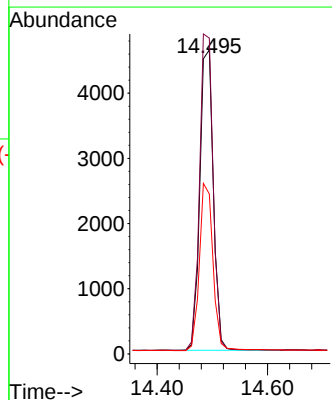
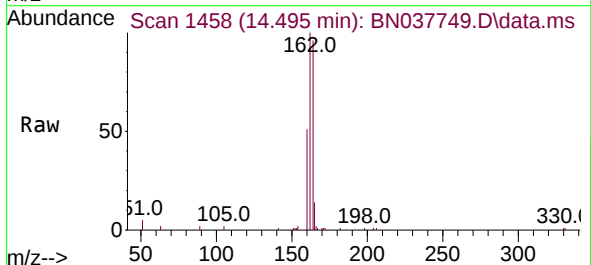
Instrument :
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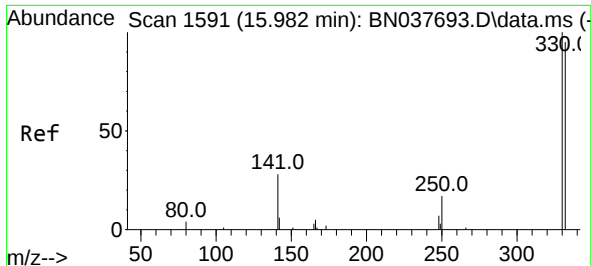
Tgt Ion:152 Resp: 6835
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037749.D
Acq: 17 Sep 2025 17:00

Tgt Ion:164 Resp: 7814
Ion Ratio Lower Upper
164 100
162 103.9 83.1 124.7
160 52.6 44.3 66.5





#14

2,4,6-Tribromophenol

Concen: 0.342 ng

RT: 15.982 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BN037749.D

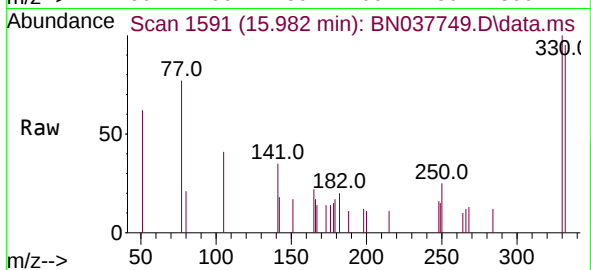
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Instrument :

BNA_N

ClientSampleId :

MW201D-20250908



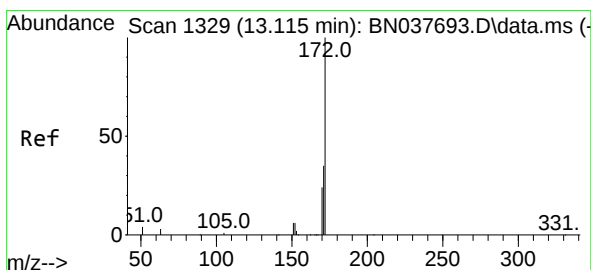
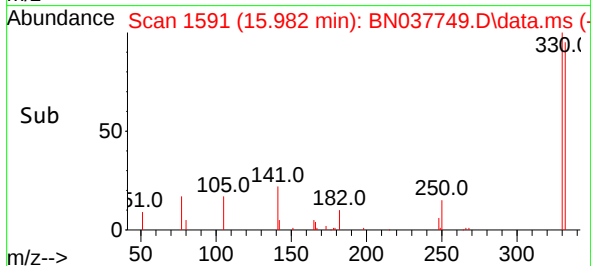
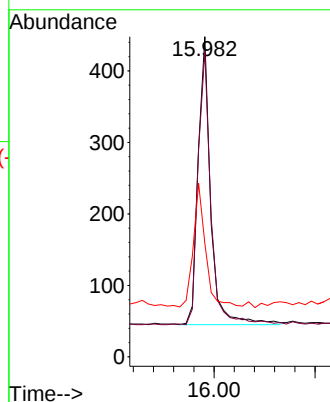
Tgt Ion:330 Resp: 696

Ion Ratio Lower Upper

330 100

332 96.3 75.3 112.9

141 42.1 35.0 52.4



#15

2-Fluorobiphenyl

Concen: 0.333 ng

RT: 13.115 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BN037749.D

Acq: 17 Sep 2025 17:00

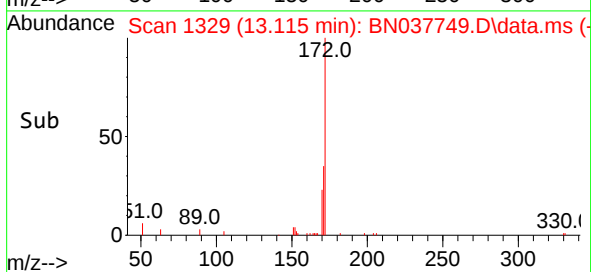
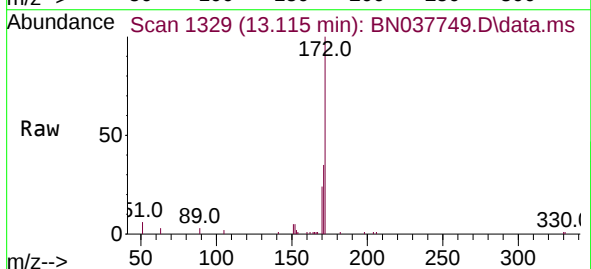
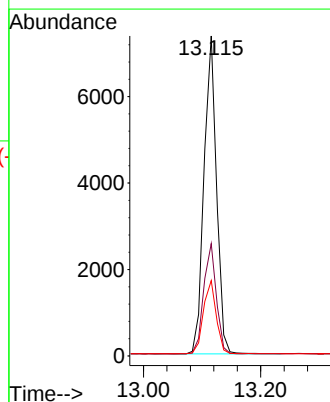
Tgt Ion:172 Resp: 10870

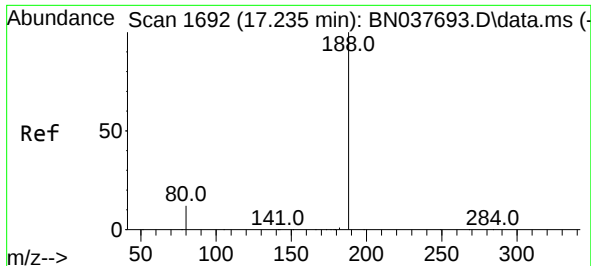
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.5 19.8 29.8

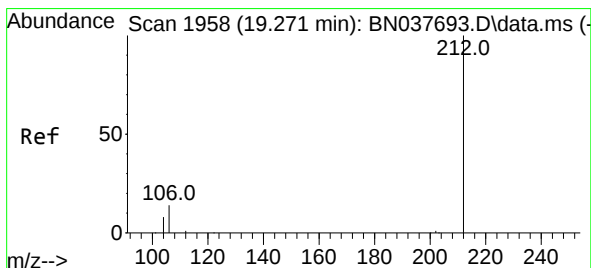
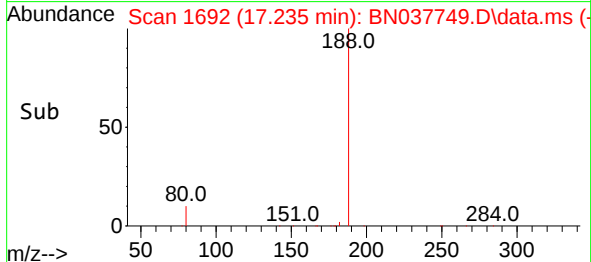
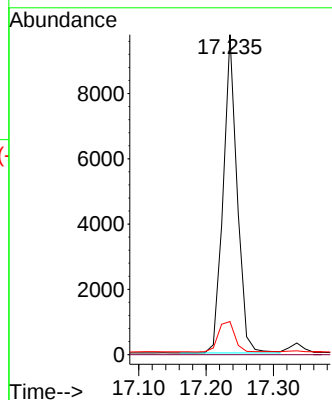
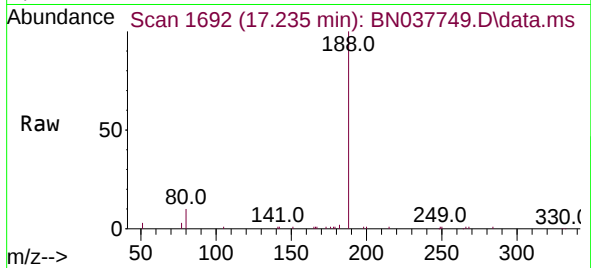




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037749.D
Acq: 17 Sep 2025 17:00

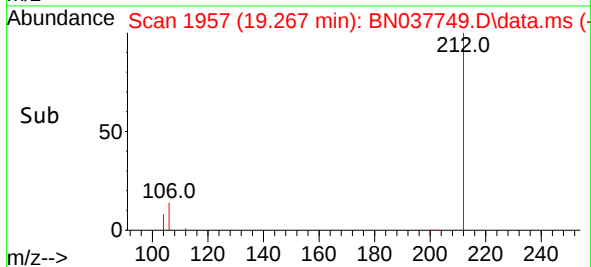
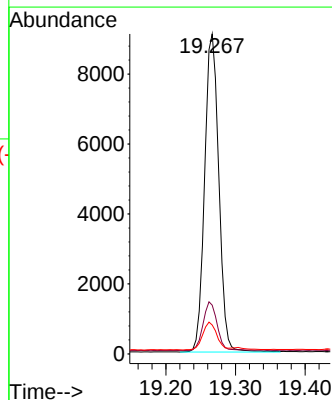
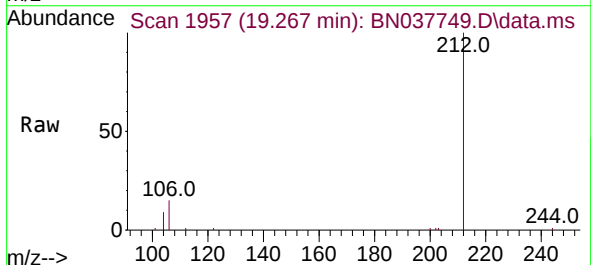
Instrument :
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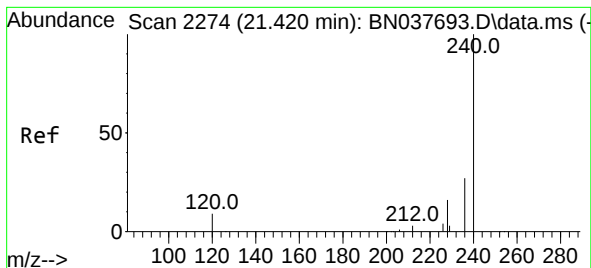
Tgt Ion:188 Resp: 14079
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037749.D
Acq: 17 Sep 2025 17:00

Tgt Ion:212 Resp: 12815
Ion Ratio Lower Upper
212 100
106 15.3 12.2 18.2
104 8.7 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: BN037749.D

Acq: 17 Sep 2025 17:00

Instrument :

BNA_N

ClientSampleId :

MW201D-20250908

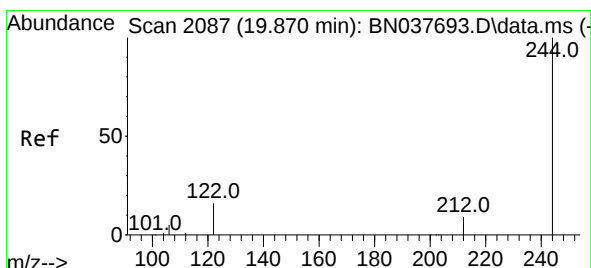
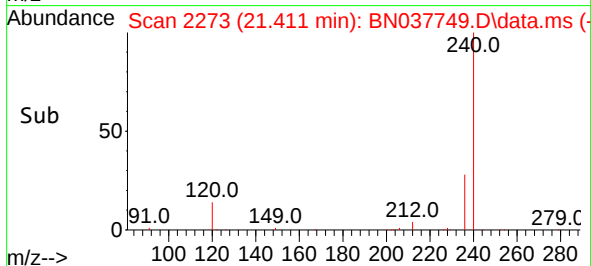
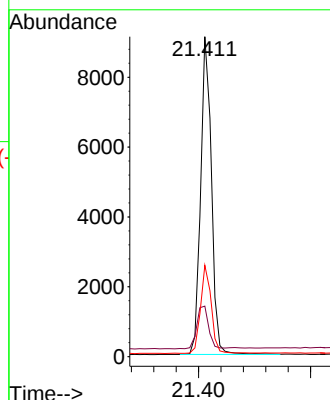
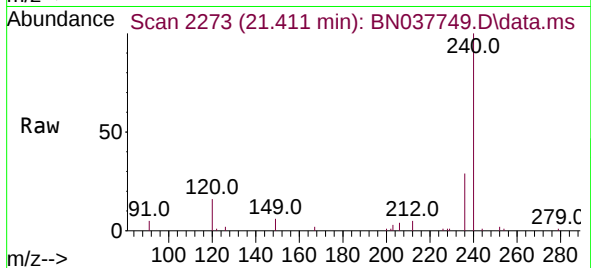
Tgt Ion:240 Resp: 12160

Ion Ratio Lower Upper

240 100

120 15.8 9.2 13.8#

236 28.5 22.6 33.8



#31

Terphenyl-d14

Concen: 0.393 ng

RT: 19.866 min Scan# 2086

Delta R.T. -0.005 min

Lab File: BN037749.D

Acq: 17 Sep 2025 17:00

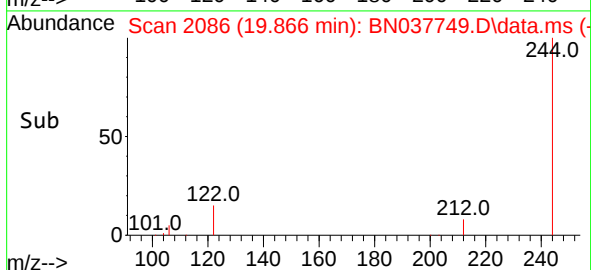
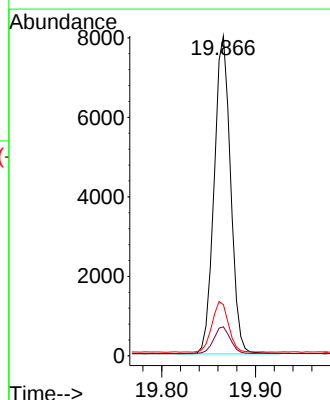
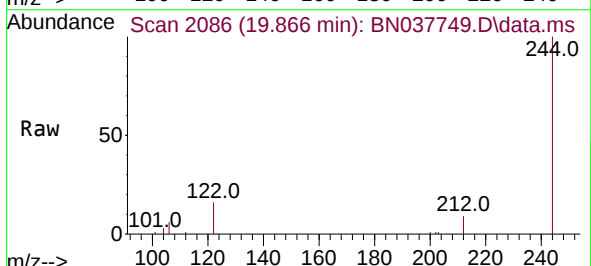
Tgt Ion:244 Resp: 9711

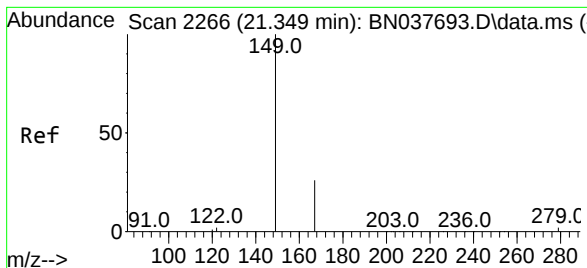
Ion Ratio Lower Upper

244 100

212 9.1 7.5 11.3

122 16.0 13.2 19.8

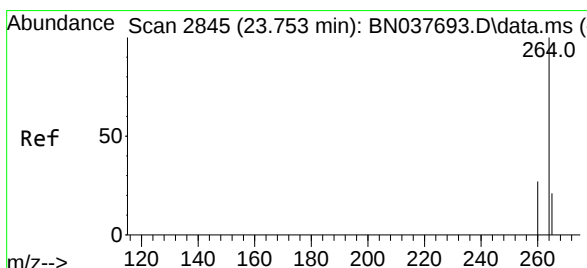
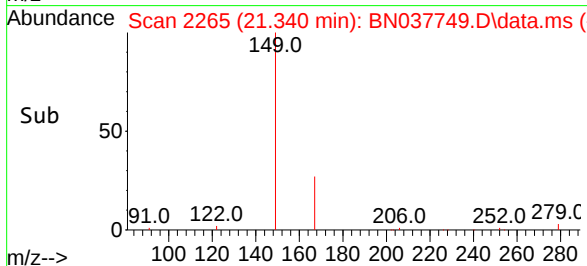
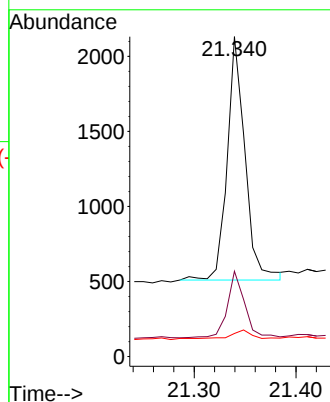
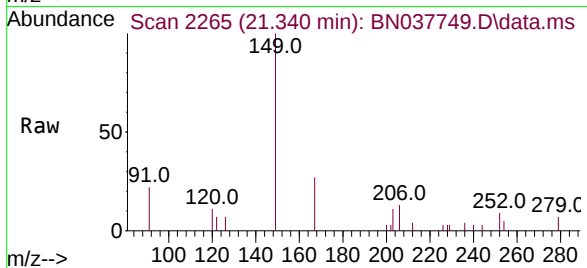




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.157 ng
 RT: 21.340 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037749.D
 Acq: 17 Sep 2025 17:00

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20250908

Tgt Ion:149 Resp: 1977
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.8 31.2
 279 3.4 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: BN037749.D
 Acq: 17 Sep 2025 17:00

Tgt Ion:264 Resp: 12015
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 59.5 39.4 59.2#

