

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
 Data File : BN037590.D
 Acq On : 13 Aug 2025 11:42
 Operator : RC/JU
 Sample : Q2805-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250807

Quant Time: Aug 13 12:32:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

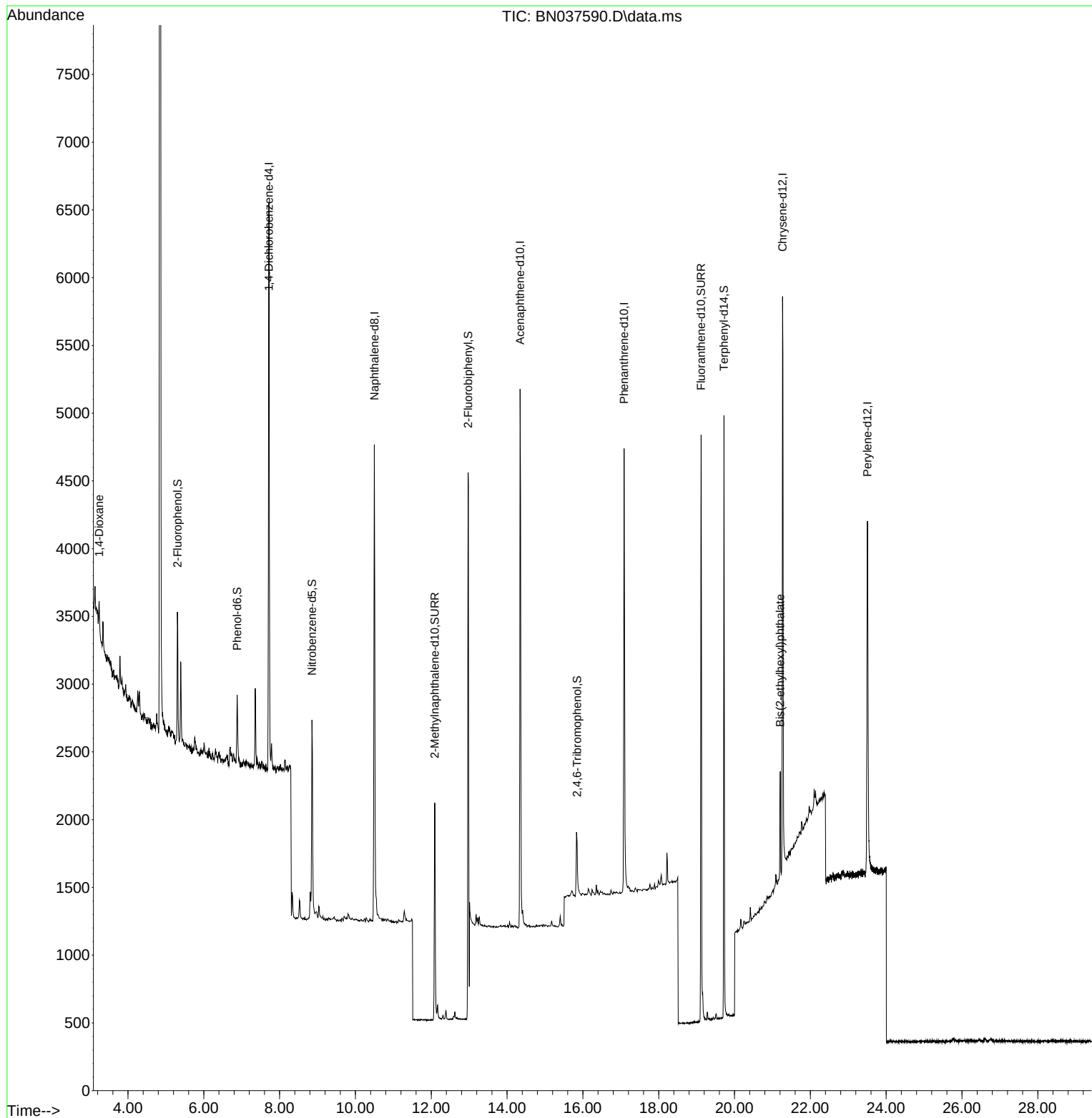
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2074	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4942	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2387	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4913	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4346	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	3800	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	739	0.157	ng	0.00
5) Phenol-d6	6.879	99	492	0.087	ng	0.00
8) Nitrobenzene-d5	8.854	82	1295	0.372	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	2374	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	363	0.347	ng	0.01
15) 2-Fluorobiphenyl	12.973	172	5626	0.408	ng	0.00
27) Fluoranthene-d10	19.118	212	4974	0.385	ng	0.00
31) Terphenyl-d14	19.722	244	4141	0.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	110	0.055	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	720	0.120	ng	98

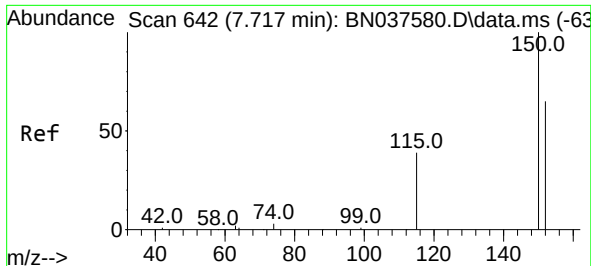
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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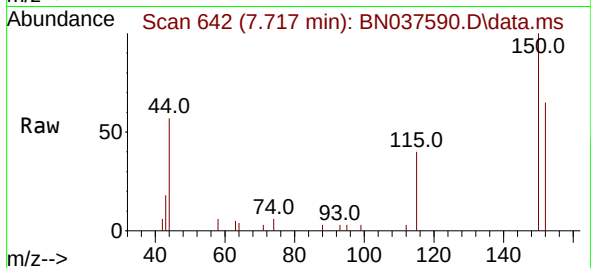
Quant Time: Aug 13 12:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration





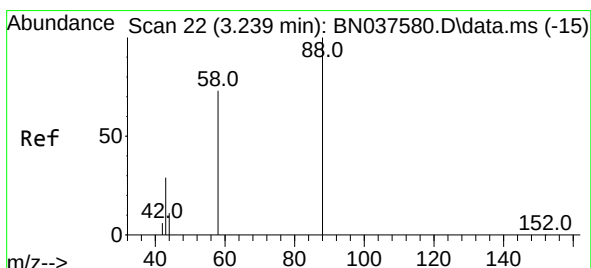
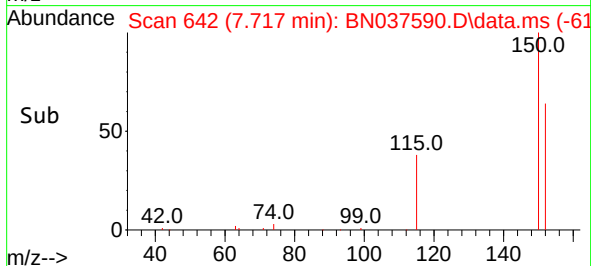
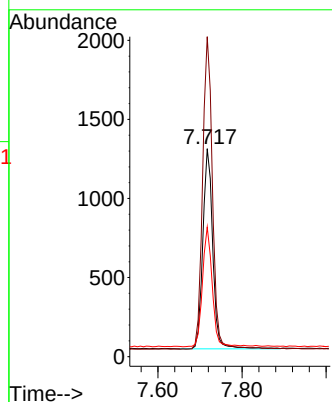
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037590.D
 Acq: 13 Aug 2025 11:42

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250807



Tgt Ion:152 Resp: 2074

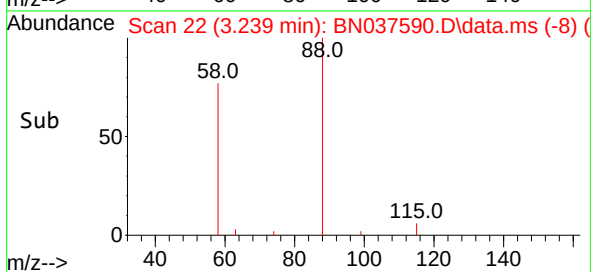
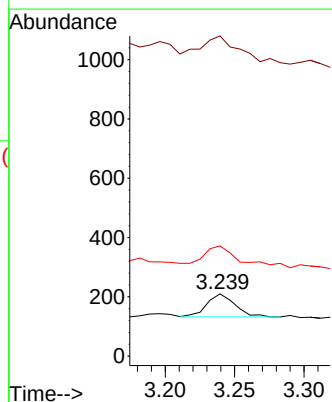
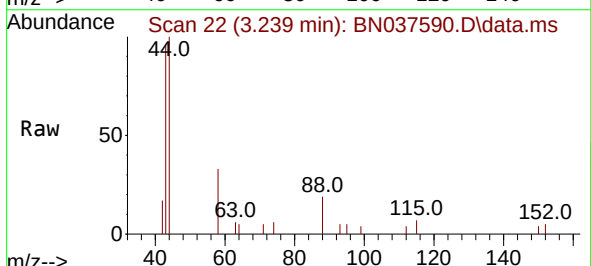
Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.2	183.4
115	62.3	49.8	74.6

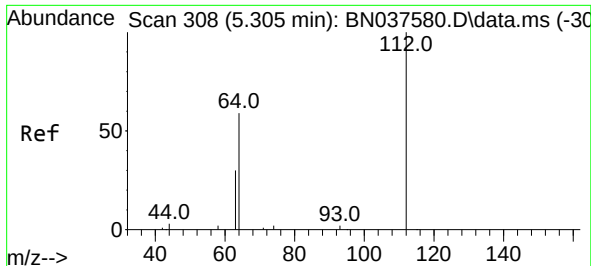


#2
 1,4-Dioxane
 Concen: 0.055 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037590.D
 Acq: 13 Aug 2025 11:42

Tgt Ion: 88 Resp: 110

Ion	Ratio	Lower	Upper
88	100		
43	159.1	25.8	38.6#
58	118.2	61.2	91.8#

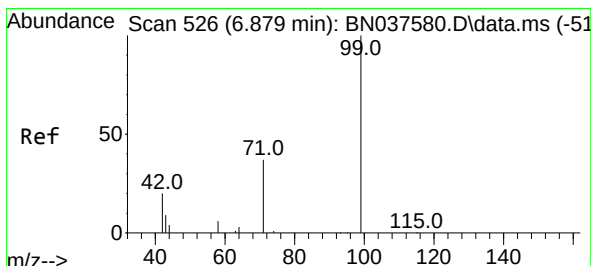
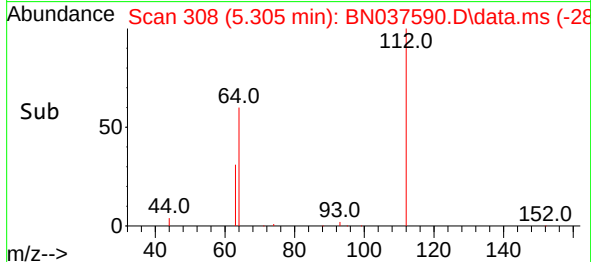
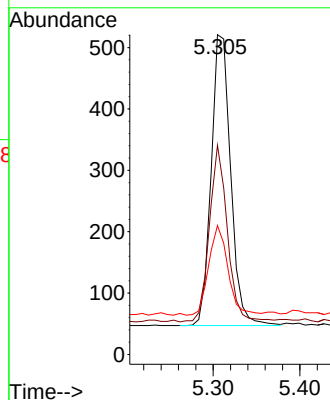
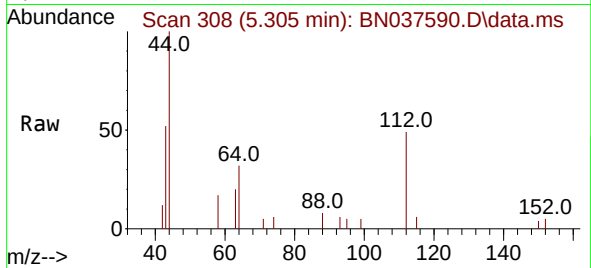




#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037590.D
Acq: 13 Aug 2025 11:42

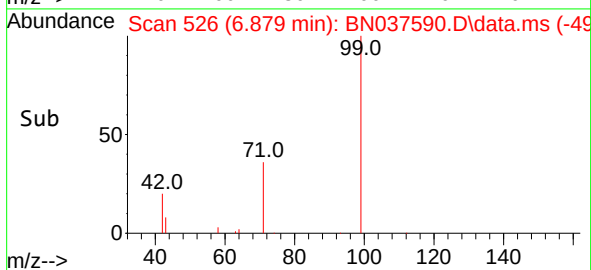
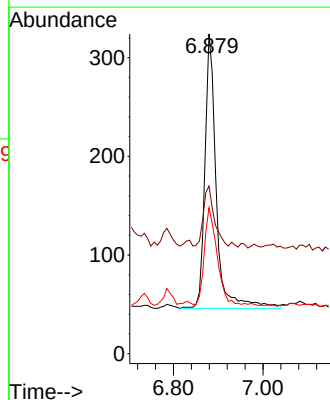
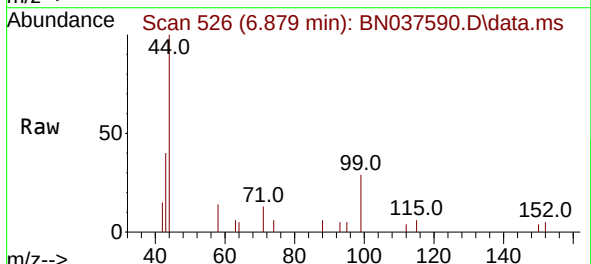
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250807

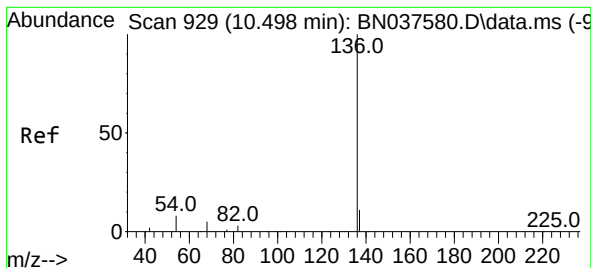
Tgt Ion:	112	Resp:	739
Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.9	67.3
63	30.6	23.4	35.2



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037590.D
Acq: 13 Aug 2025 11:42

Tgt Ion:	99	Resp:	492
Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.5	27.7
71	38.2	28.6	42.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.498 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN037590.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250807

Tgt Ion:136 Resp: 4942

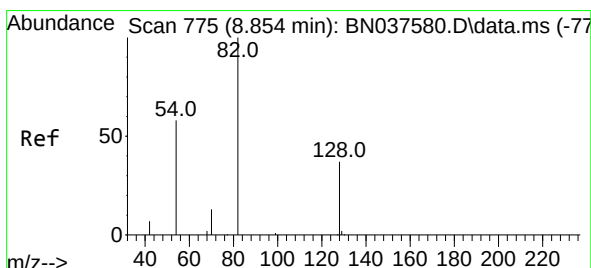
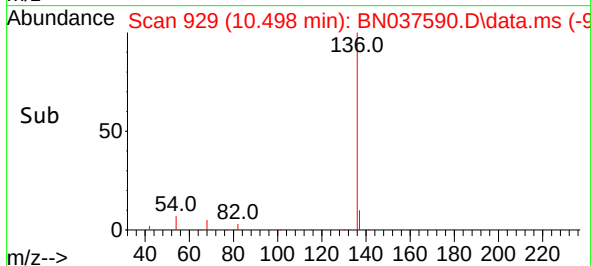
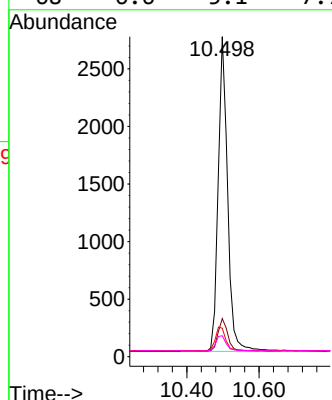
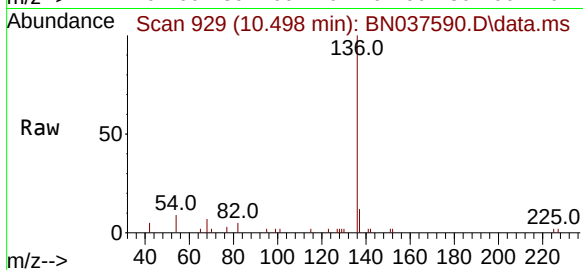
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 8.9 7.3 10.9

68 6.6 5.1 7.7



#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.854 min Scan# 775

Delta R.T. 0.000 min

Lab File: BN037590.D

Acq: 13 Aug 2025 11:42

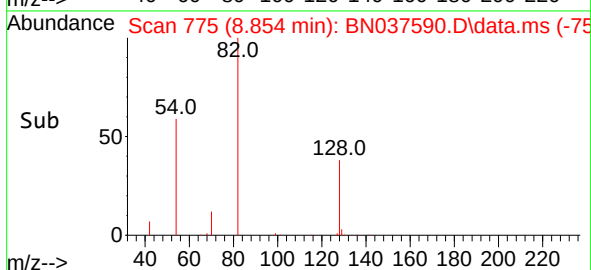
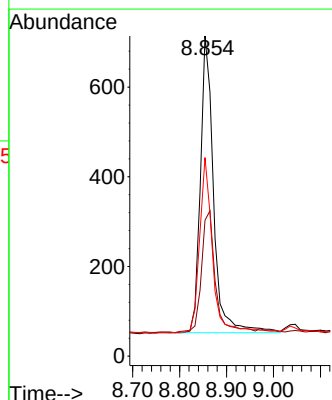
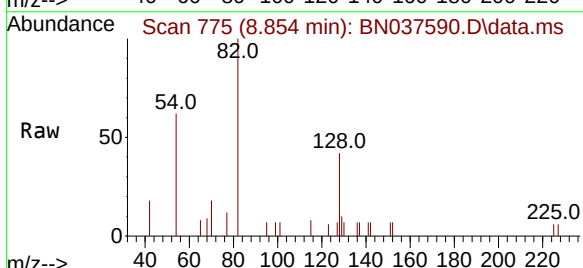
Tgt Ion: 82 Resp: 1295

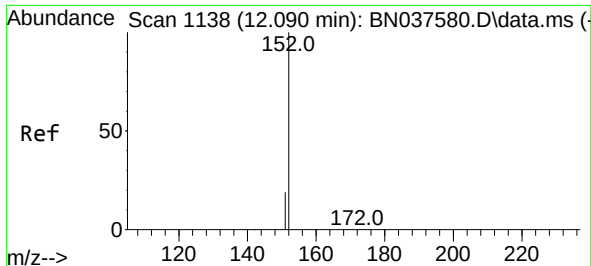
Ion Ratio Lower Upper

82 100

128 42.4 32.6 48.8

54 62.0 48.9 73.3

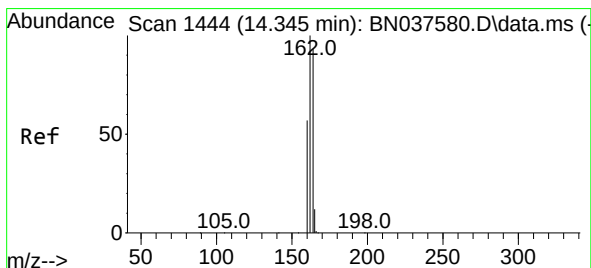
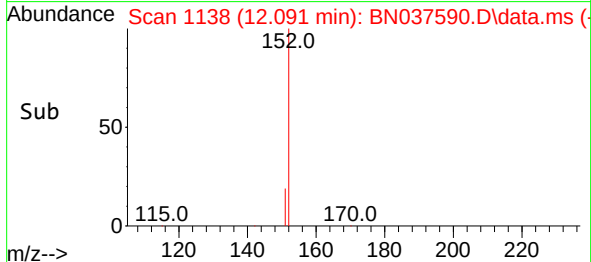
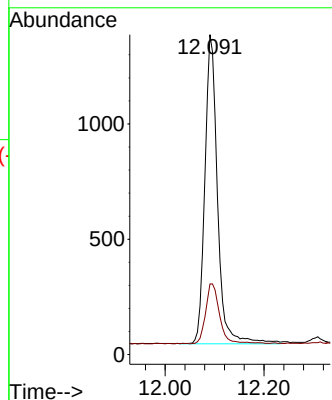
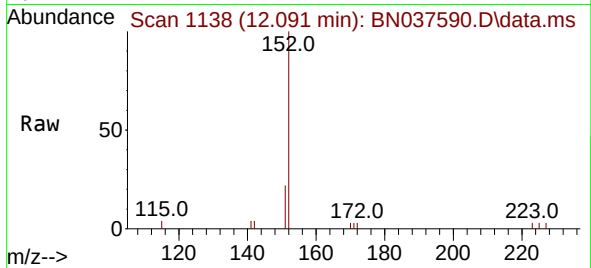




#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037590.D
Acq: 13 Aug 2025 11:42

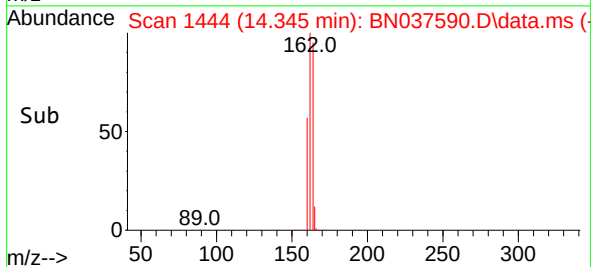
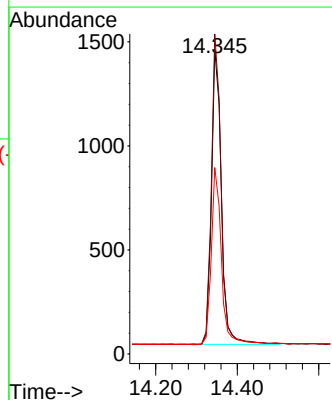
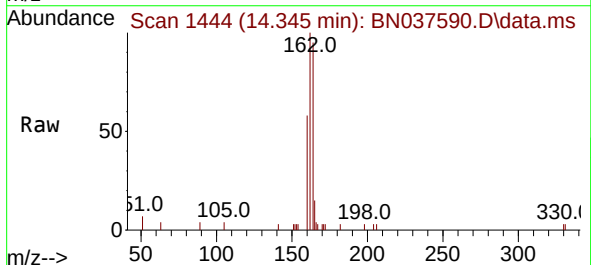
Instrument :
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ClientSampleId :
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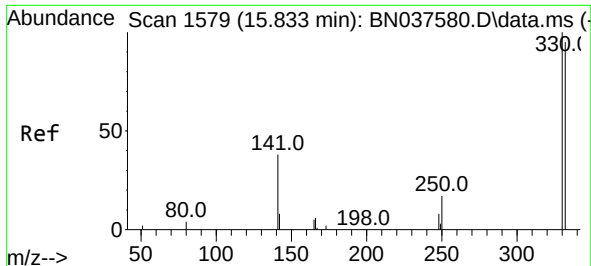
Tgt Ion:152 Resp: 2374
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037590.D
Acq: 13 Aug 2025 11:42

Tgt Ion:164 Resp: 2387
Ion Ratio Lower Upper
164 100
162 105.1 85.5 128.3
160 61.2 49.5 74.3

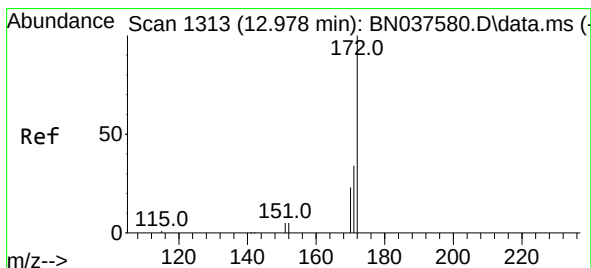
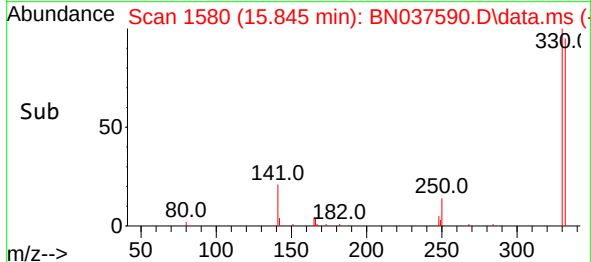
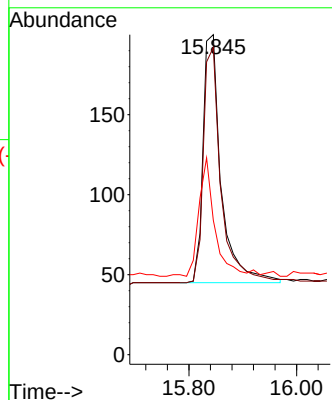
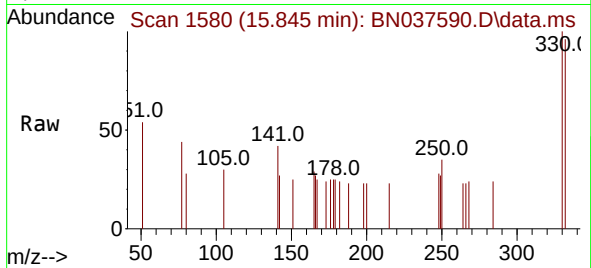




#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.845 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN037590.D
Acq: 13 Aug 2025 11:42

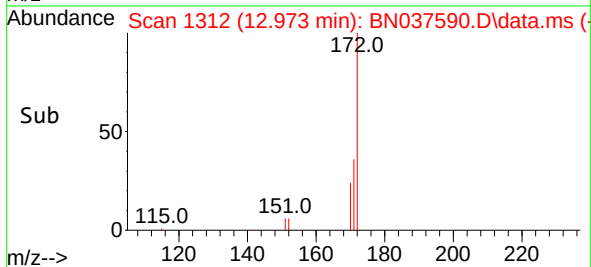
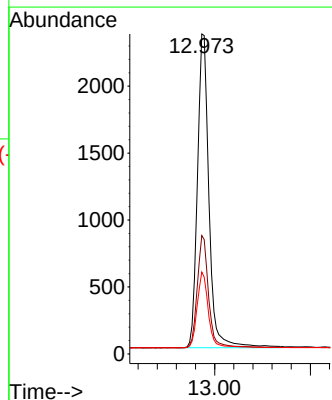
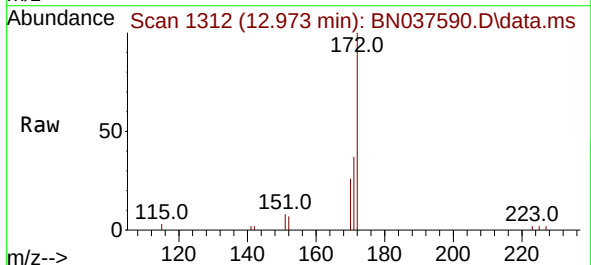
Instrument :
BNA_N
ClientSampleId :
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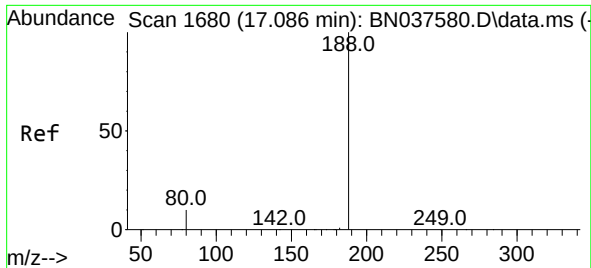
Tgt Ion:330 Resp: 363
Ion Ratio Lower Upper
330 100
332 92.6 77.4 116.0
141 43.8 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037590.D
Acq: 13 Aug 2025 11:42

Tgt Ion:172 Resp: 5626
Ion Ratio Lower Upper
172 100
171 37.0 28.2 42.4
170 25.6 19.2 28.8

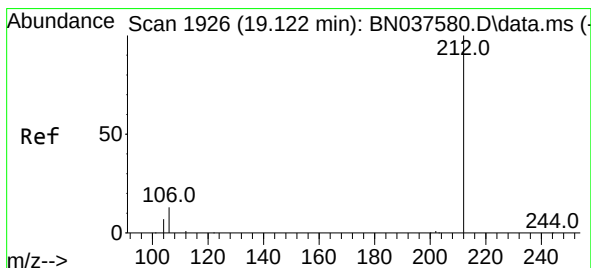
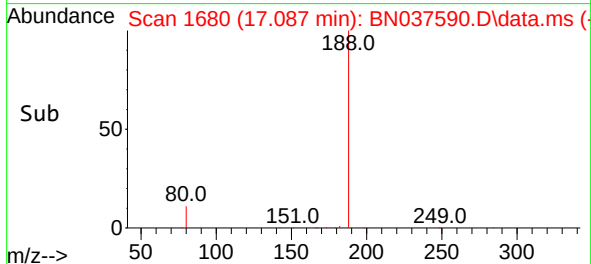
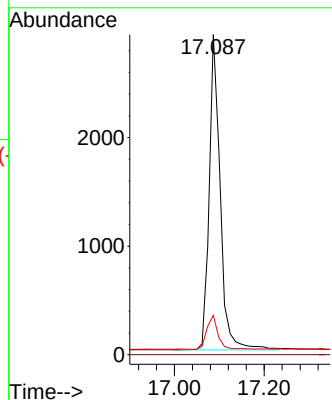
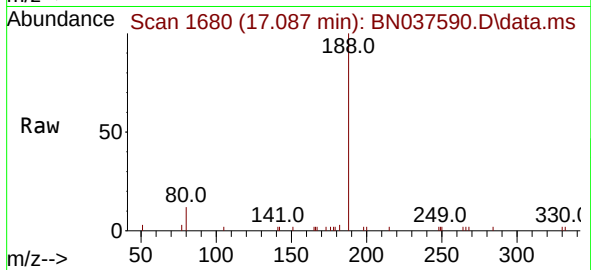




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037590.D
Acq: 13 Aug 2025 11:42

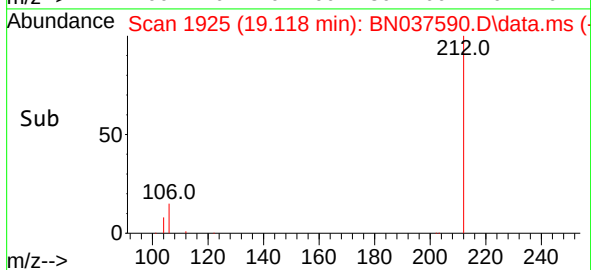
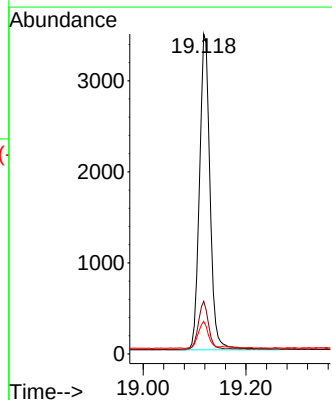
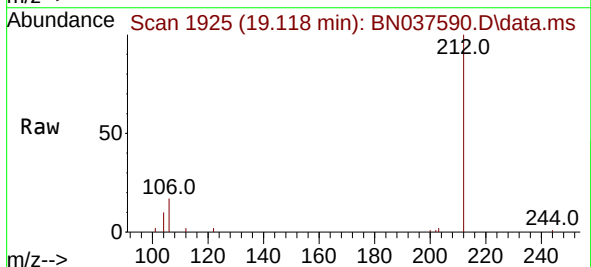
Instrument :
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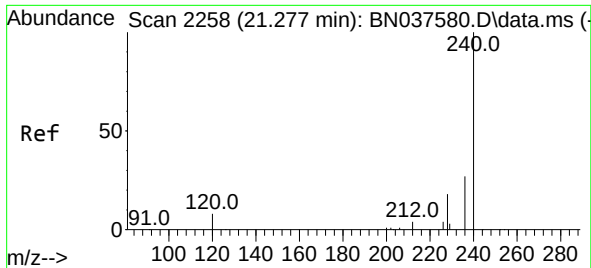
Tgt Ion:188 Resp: 4913
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037590.D
Acq: 13 Aug 2025 11:42

Tgt Ion:212 Resp: 4974
Ion Ratio Lower Upper
212 100
106 14.9 11.5 17.3
104 8.3 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037590.D

Acq: 13 Aug 2025 11:42

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250807

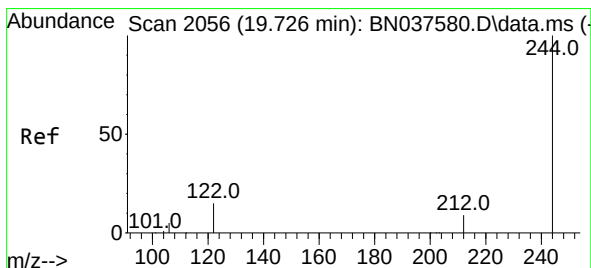
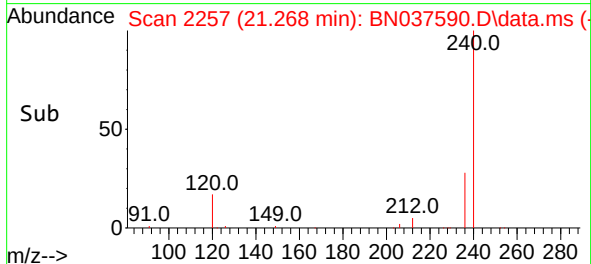
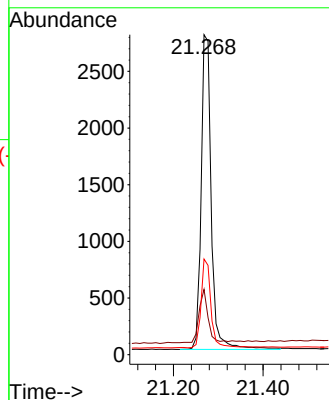
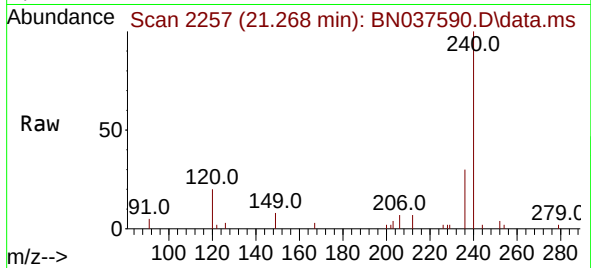
Tgt Ion:240 Resp: 4346

Ion Ratio Lower Upper

240 100

120 20.4 8.9 13.3#

236 29.9 22.6 33.8



#31

Terphenyl-d14

Concen: 0.463 ng

RT: 19.722 min Scan# 2055

Delta R.T. -0.004 min

Lab File: BN037590.D

Acq: 13 Aug 2025 11:42

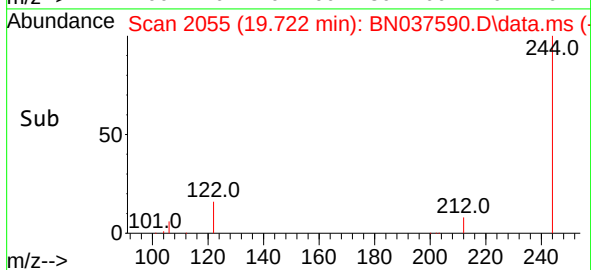
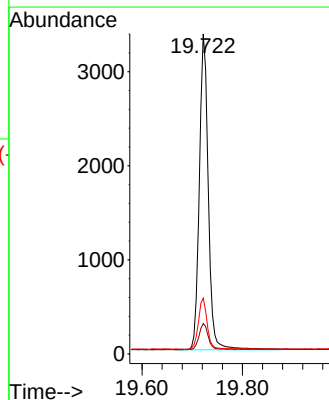
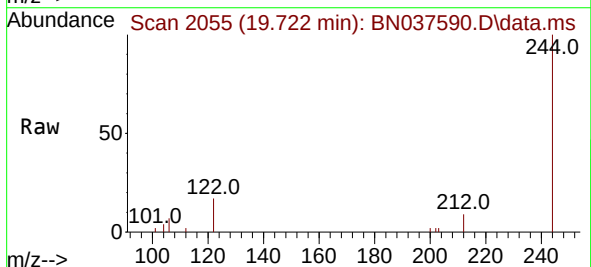
Tgt Ion:244 Resp: 4141

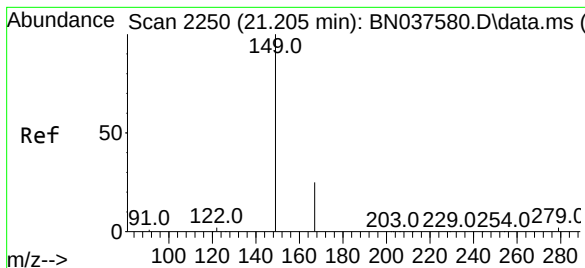
Ion Ratio Lower Upper

244 100

212 9.5 8.2 12.2

122 17.4 13.2 19.8

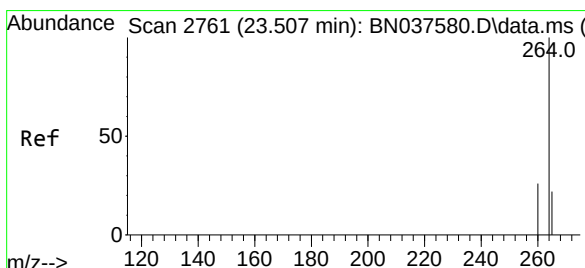
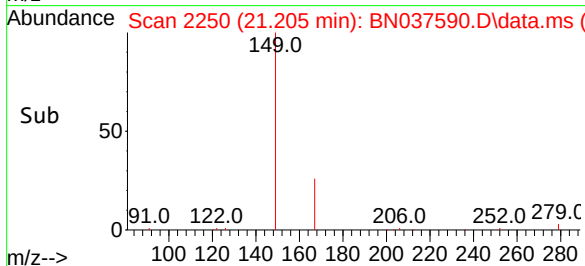
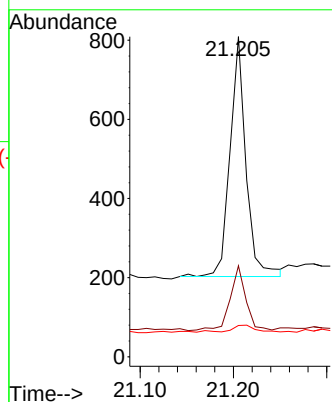
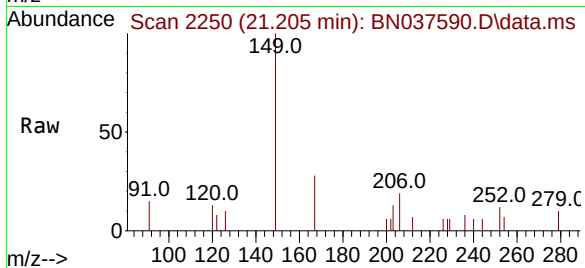




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.205 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037590.D
 Acq: 13 Aug 2025 11:42

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250807

Tgt Ion:149 Resp: 720
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.5 30.7
 279 3.8 2.6 4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.508 min Scan# 2761
 Delta R.T. 0.000 min
 Lab File: BN037590.D
 Acq: 13 Aug 2025 11:42

Tgt Ion:264 Resp: 3800
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.6 32.4
 265 73.0 48.2 72.4#

