

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036640.D
 Acq On : 15 Mar 2025 12:48
 Operator : RC/JU
 Sample : Q1559-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20250311

Quant Time: Mar 17 00:35:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

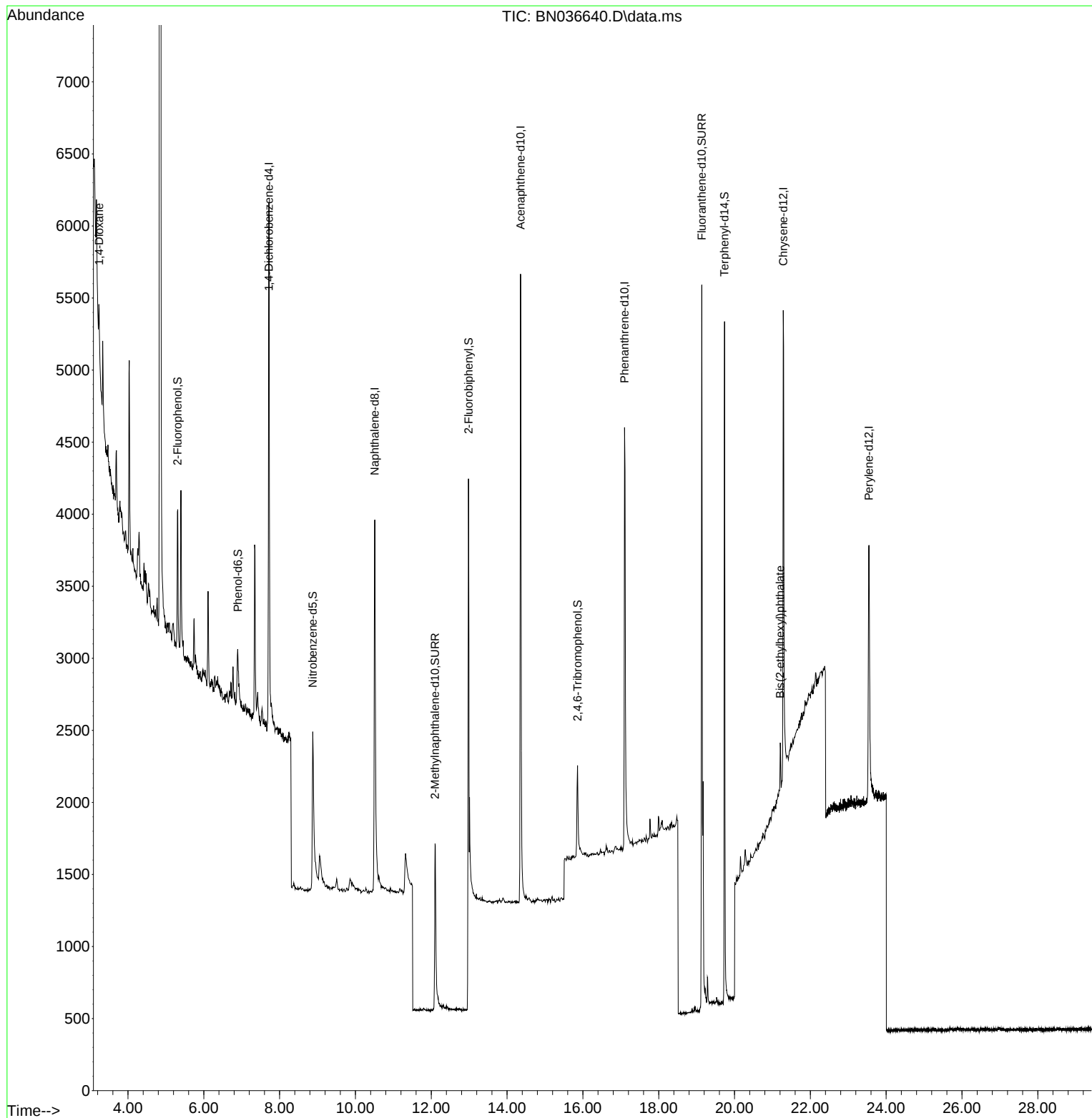
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1924	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4490	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2739	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5515	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	3873	0.400	ng	0.00
35) Perylene-d12	23.546	264	3147	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	733	0.163	ng	0.00
5) Phenol-d6	6.901	99	437	0.079	ng	0.00
8) Nitrobenzene-d5	8.875	82	1561	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2314	0.346	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	482	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5921	0.372	ng	0.00
27) Fluoranthene-d10	19.136	212	6341	0.449	ng	0.00
31) Terphenyl-d14	19.736	244	4663	0.503	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	167	0.078	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.205	149	380	0.040	ng	# 96

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

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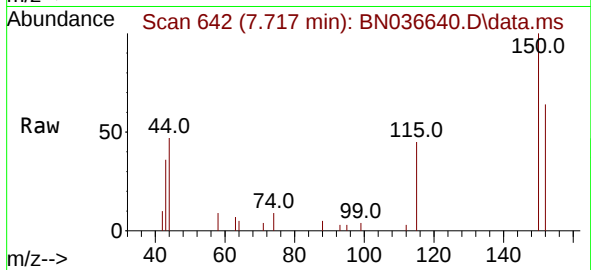
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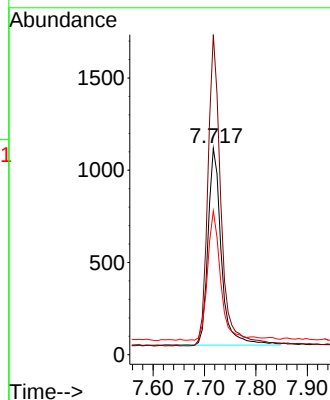
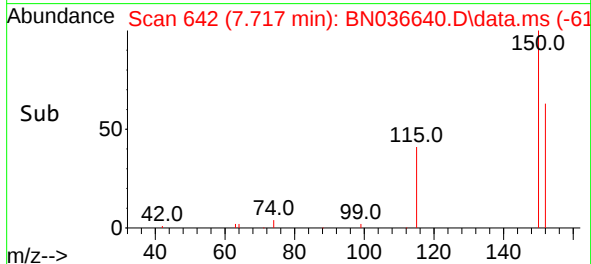


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036640.D
 Acq: 15 Mar 2025 12:48

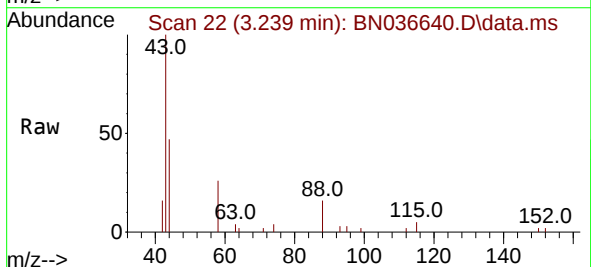
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 RW10-MW01S-20250311



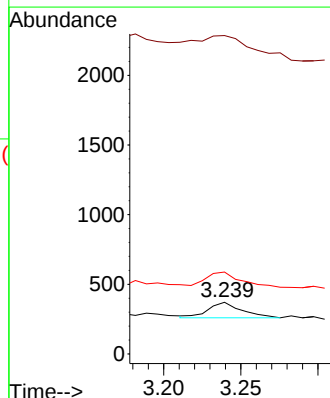
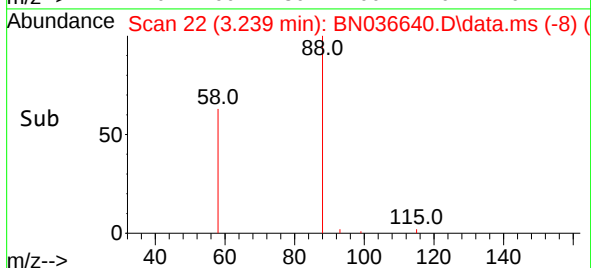
Tgt Ion:152 Resp: 1924
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.7 185.5
 115 69.6 54.3 81.5

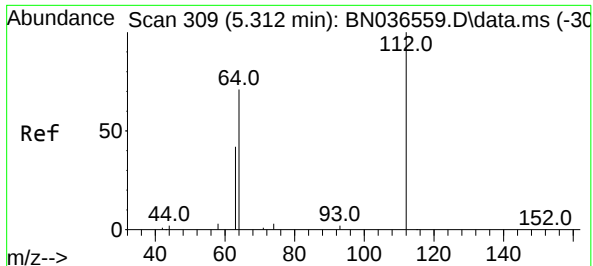


#2
 1,4-Dioxane
 Concen: 0.078 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036640.D
 Acq: 15 Mar 2025 12:48



Tgt Ion: 88 Resp: 167
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.8 56.8#
 58 109.0 67.4 101.2#

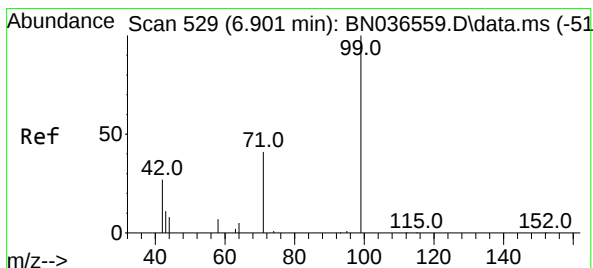
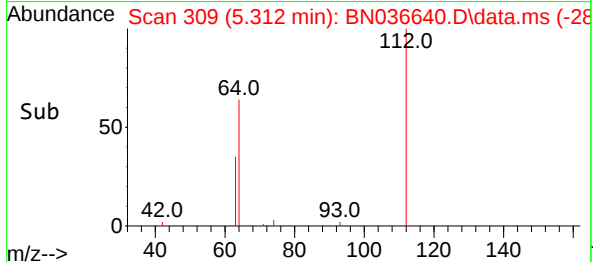
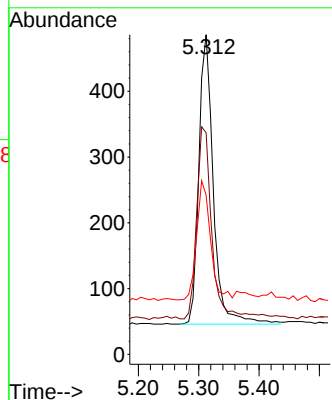
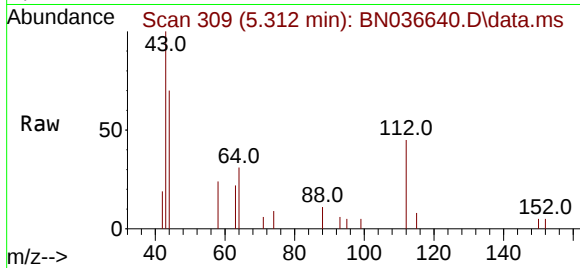




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

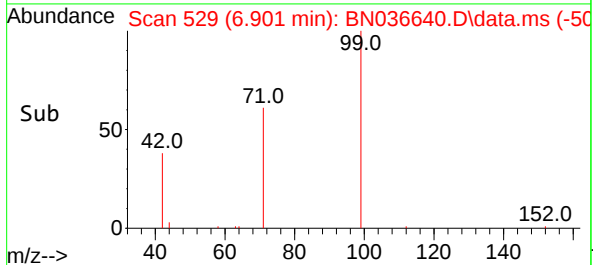
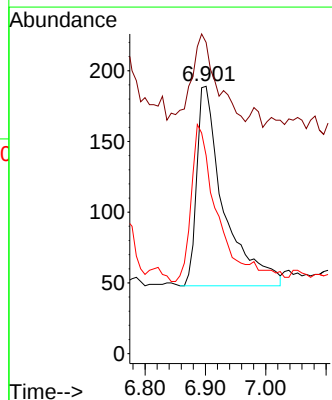
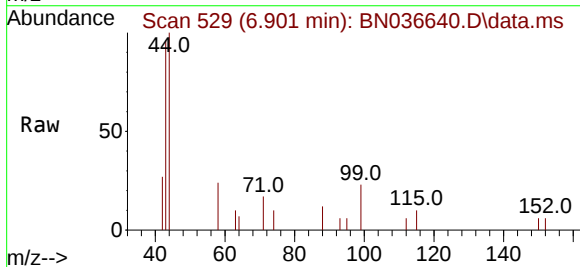
Instrument :
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ClientSampleId :
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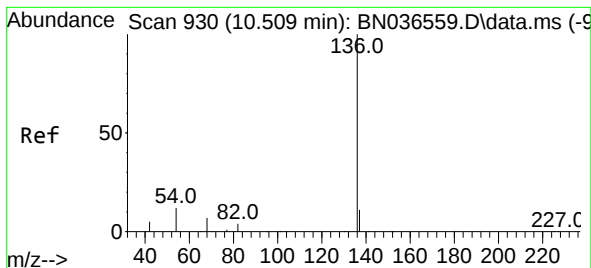
Tgt Ion: 112 Resp: 733
Ion Ratio Lower Upper
112 100
64 71.8 53.1 79.7
63 39.4 31.8 47.8



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

Tgt Ion: 99 Resp: 437
Ion Ratio Lower Upper
99 100
42 38.9 26.5 39.7
71 78.0 34.1 51.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.509 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN036640.D

Acq: 15 Mar 2025 12:48

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20250311

Tgt Ion:136 Resp: 4490

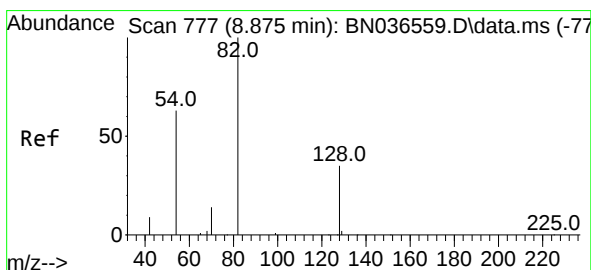
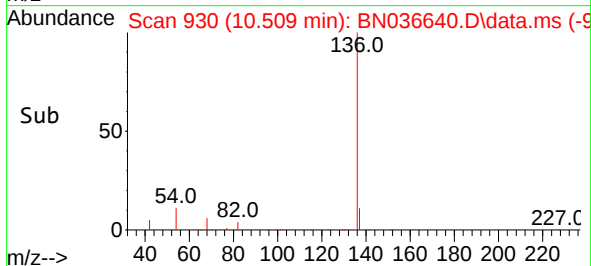
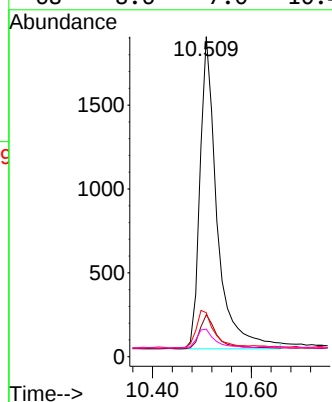
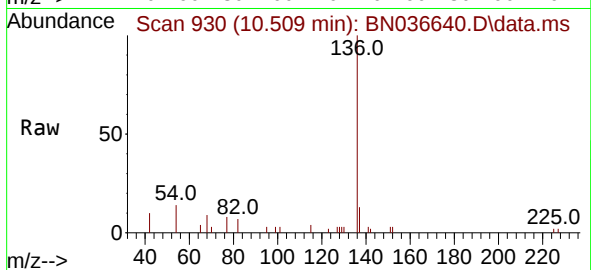
Ion Ratio Lower Upper

136 100

137 13.1 10.3 15.5

54 13.8 11.5 17.3

68 8.6 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.320 ng

RT: 8.875 min Scan# 777

Delta R.T. 0.000 min

Lab File: BN036640.D

Acq: 15 Mar 2025 12:48

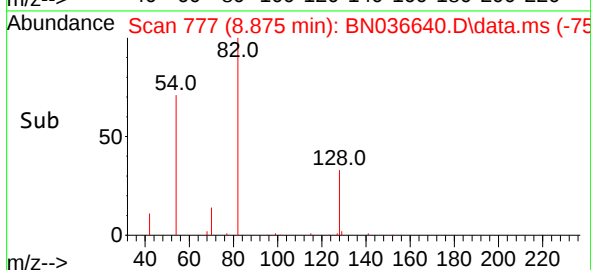
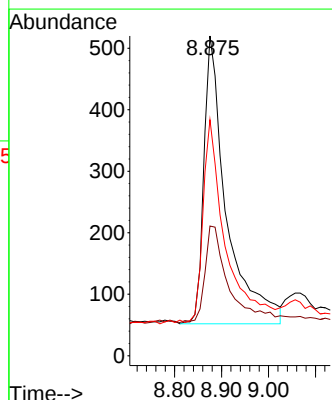
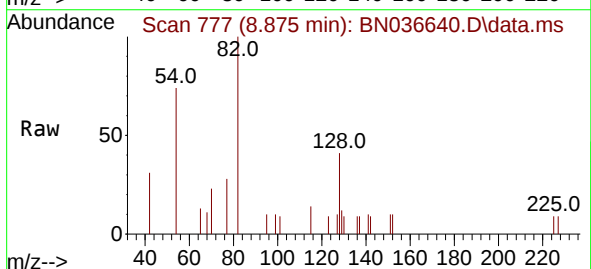
Tgt Ion: 82 Resp: 1561

Ion Ratio Lower Upper

82 100

128 40.6 30.6 45.8

54 73.8 52.2 78.4

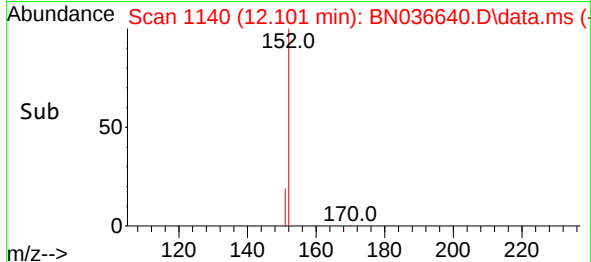
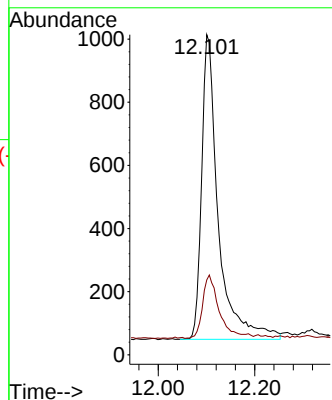
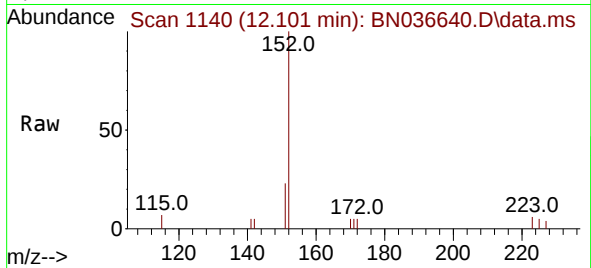




#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

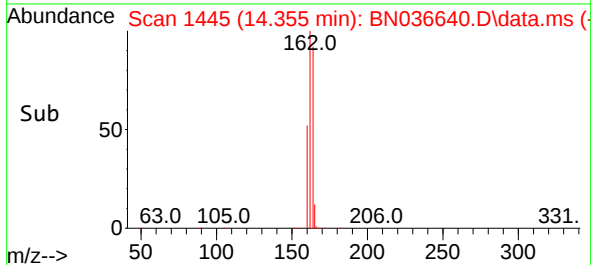
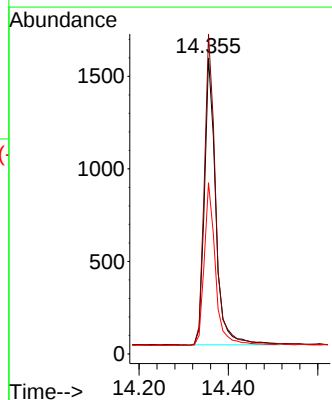
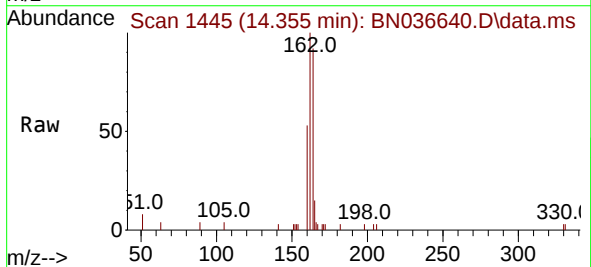
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20250311

Tgt Ion:152 Resp: 2314
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

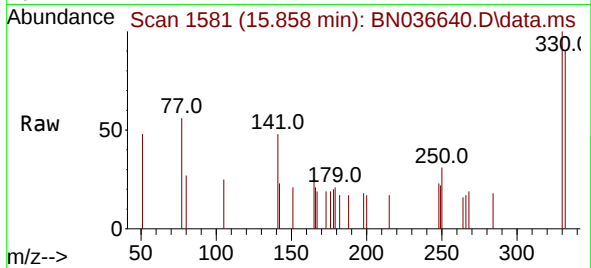
Tgt Ion:164 Resp: 2739
Ion Ratio Lower Upper
164 100
162 108.1 84.2 126.2
160 57.8 42.2 63.2



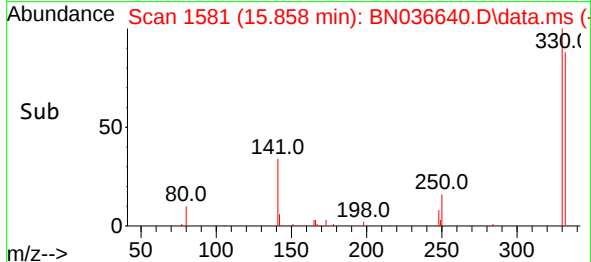
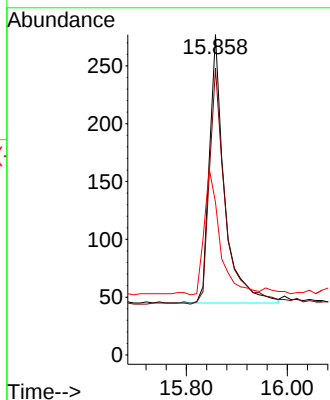


#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20250311

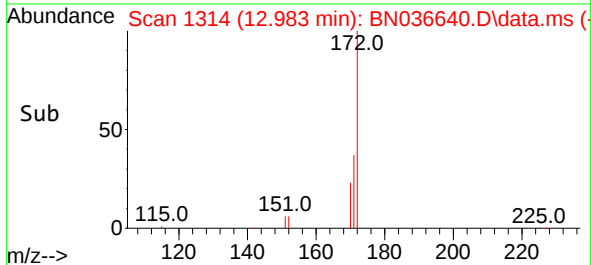
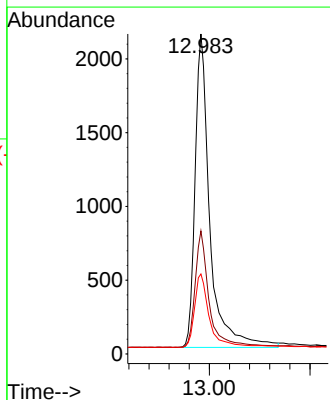
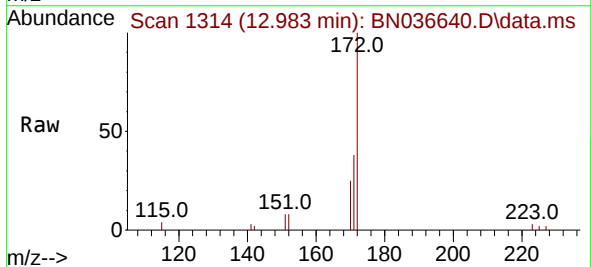


Tgt Ion:330 Resp: 482
Ion Ratio Lower Upper
330 100
332 94.4 75.2 112.8
141 49.2 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

Tgt Ion:172 Resp: 5921
Ion Ratio Lower Upper
172 100
171 38.5 29.5 44.3
170 25.0 20.2 30.4

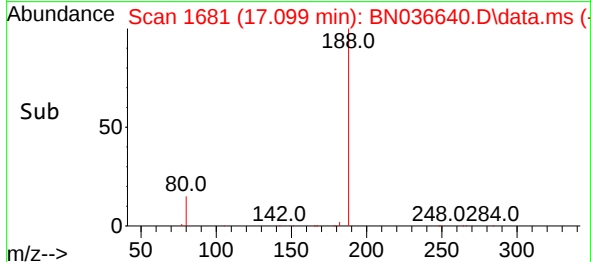
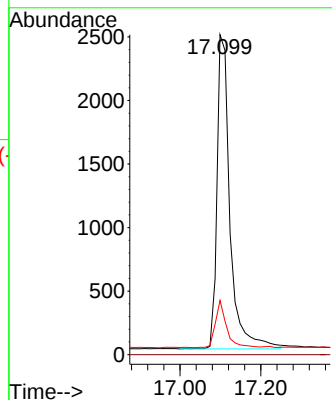
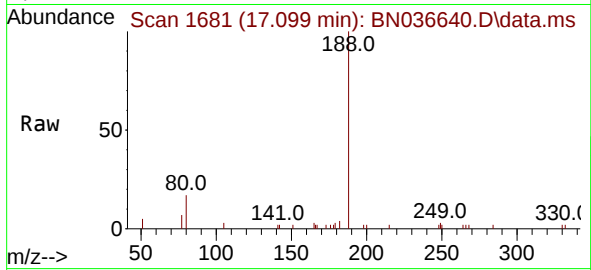




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

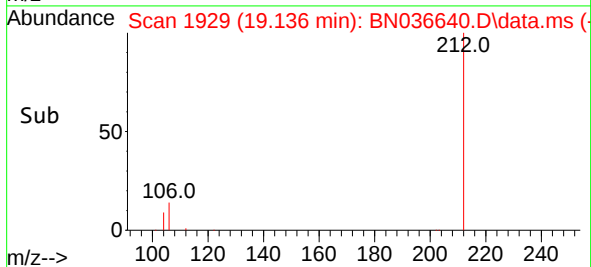
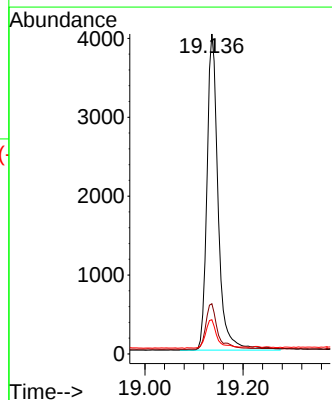
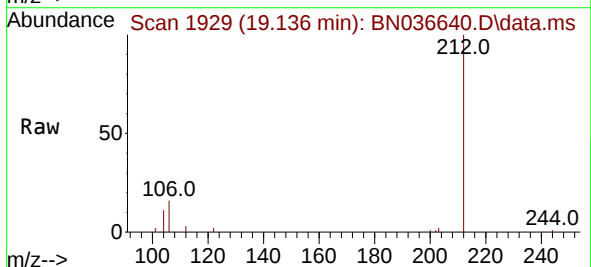
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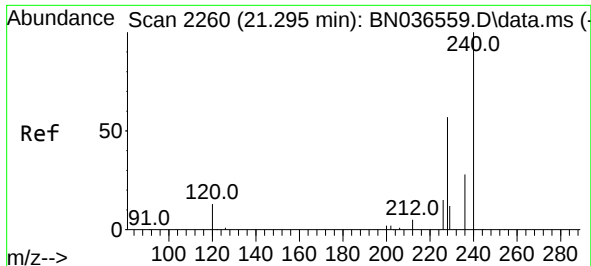
Tgt Ion:188 Resp: 5515
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.0 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

Tgt Ion:212 Resp: 6341
Ion Ratio Lower Upper
212 100
106 15.6 11.8 17.6
104 9.3 7.3 10.9

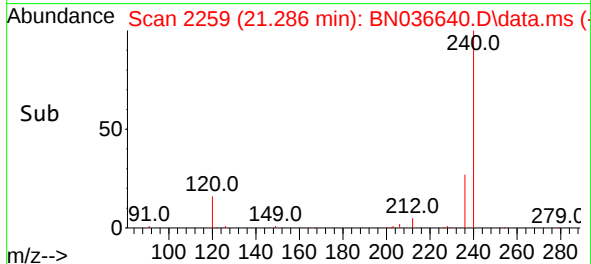
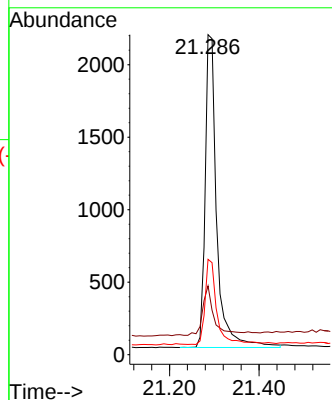
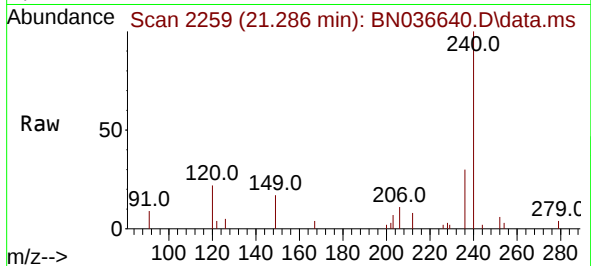




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

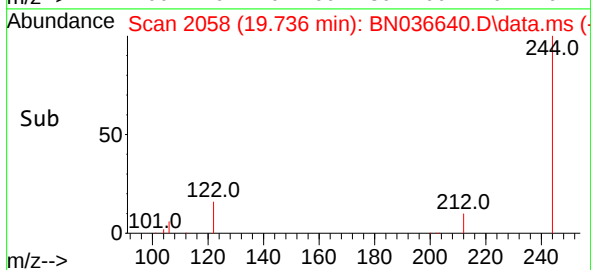
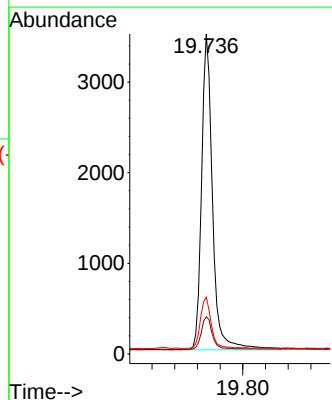
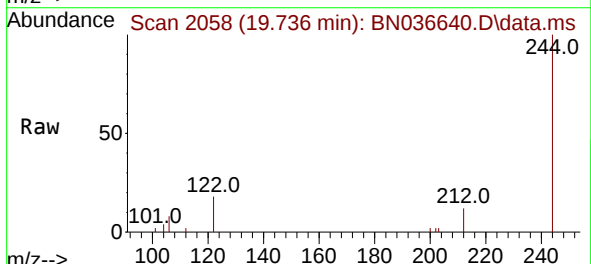
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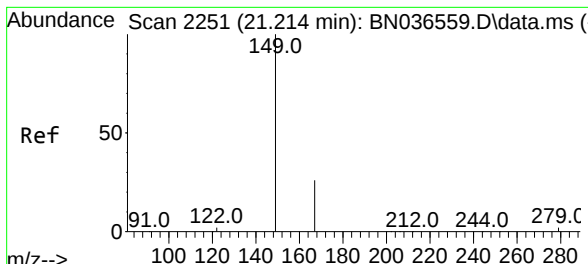
Tgt Ion:240 Resp: 3873
Ion Ratio Lower Upper
240 100
120 21.5 14.6 22.0
236 29.8 24.1 36.1



#31
Terphenyl-d14
Concen: 0.503 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036640.D
Acq: 15 Mar 2025 12:48

Tgt Ion:244 Resp: 4663
Ion Ratio Lower Upper
244 100
212 11.6 9.6 14.4
122 17.7 13.9 20.9

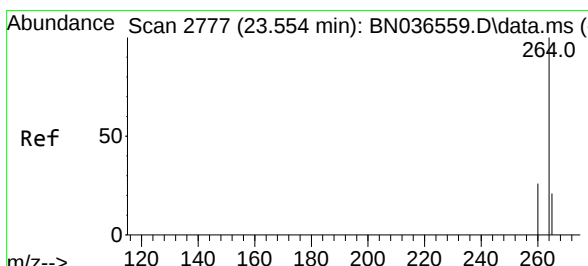
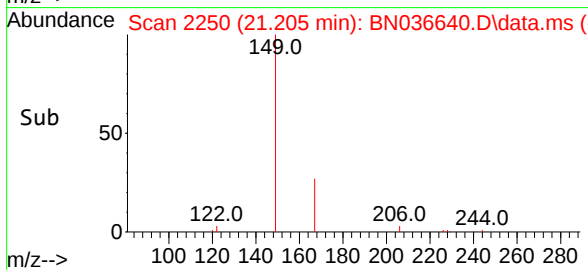
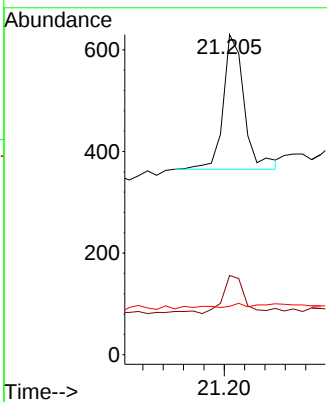
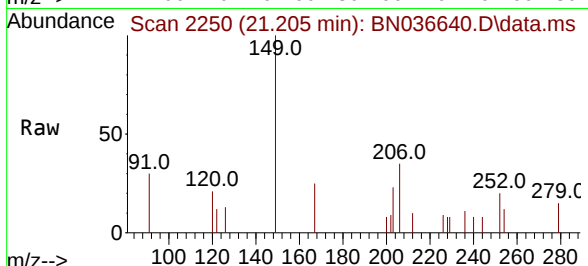




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036640.D
 Acq: 15 Mar 2025 12:48

Instrument :
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 ClientSampleId :
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Tgt Ion:	149	Resp:	380
Ion Ratio	Lower	Upper	
149	100		
167	28.2	20.7	31.1
279	5.8	3.6	5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.546 min Scan# 2774
 Delta R.T. -0.009 min
 Lab File: BN036640.D
 Acq: 15 Mar 2025 12:48

Tgt Ion:	264	Resp:	3147
Ion Ratio	Lower	Upper	
264	100		
260	28.2	22.6	33.8
265	107.9	88.1	132.1

