

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036821.D
 Acq On : 03 Apr 2025 14:13
 Operator : RC/JU
 Sample : Q1697-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 IW-01-55-040125

Quant Time: Apr 03 15:07:19 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

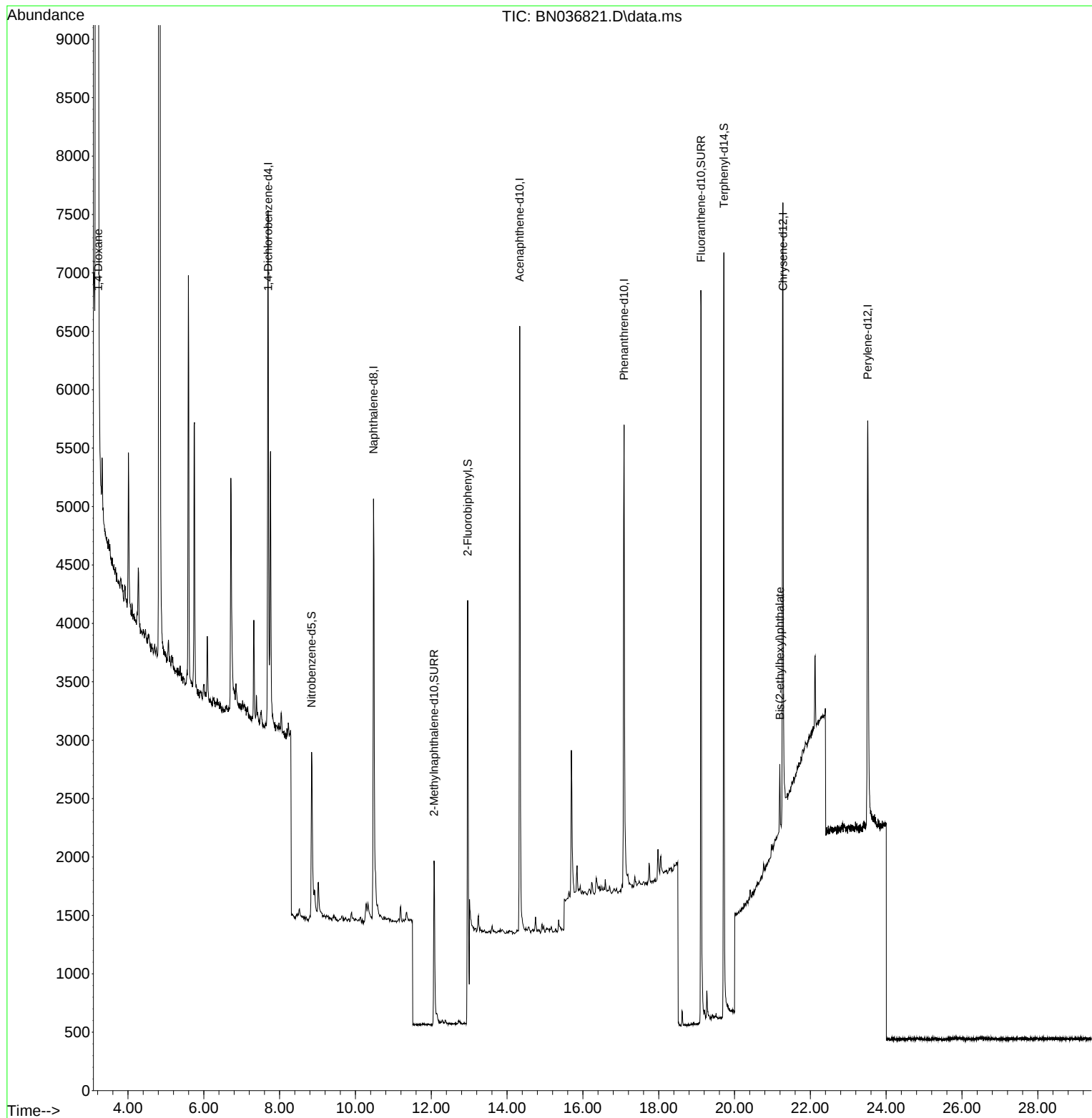
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2298	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5538	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	3185	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6837	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	5987	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	5473	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.843	82	1715	0.285	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2571	0.312	ng	-0.04
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.963	172	5673	0.306	ng	-0.03
27) Fluoranthene-d10	19.118	212	7692	0.439	ng	-0.02
31) Terphenyl-d14	19.717	244	6242	0.435	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.217	88	2303	0.903	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.196	149	572	0.039	ng	# 97

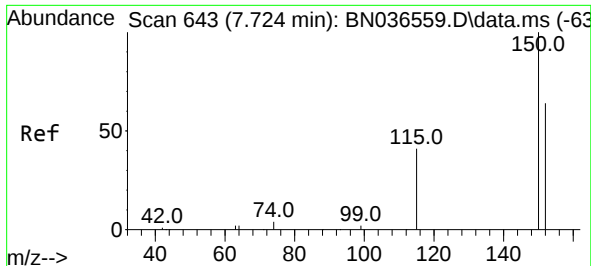
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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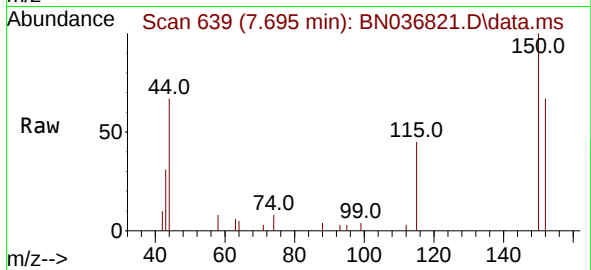
Quant Time: Apr 03 15:07:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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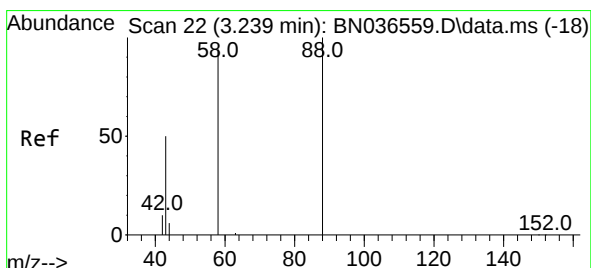
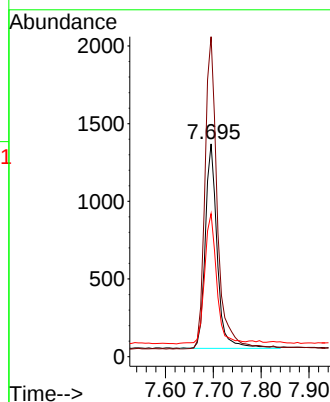
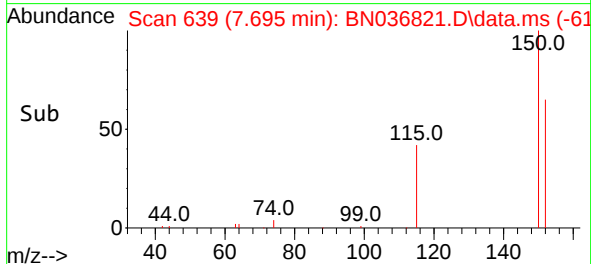


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

Instrument :
 BNA_N
 ClientSampleId :
 IW-01-55-040125

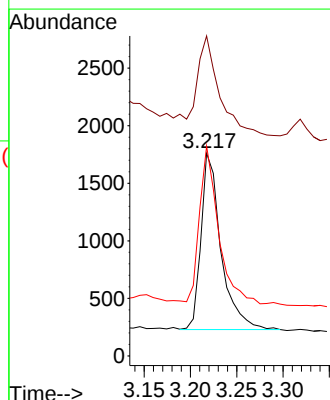
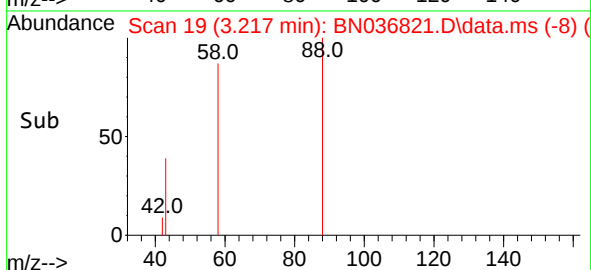
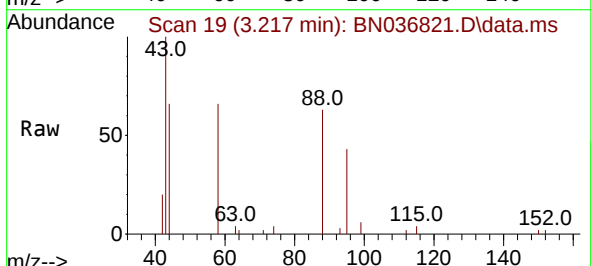


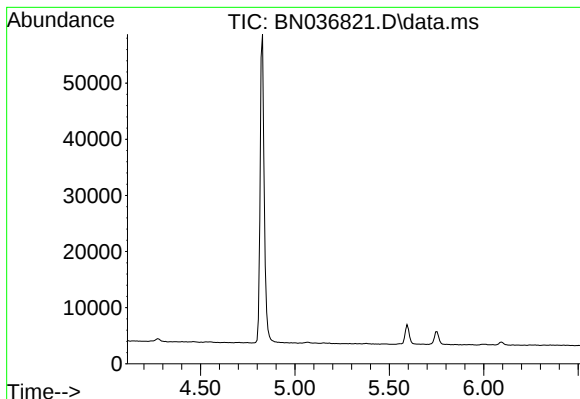
Tgt Ion:152 Resp: 2298
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.7 185.5
 115 67.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.903 ng
 RT: 3.217 min Scan# 19
 Delta R.T. -0.022 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

Tgt Ion: 88 Resp: 2303
 Ion Ratio Lower Upper
 88 100
 43 62.4 37.8 56.8#
 58 86.3 67.4 101.2

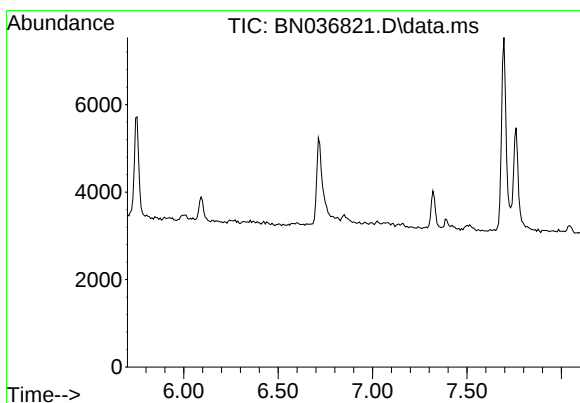
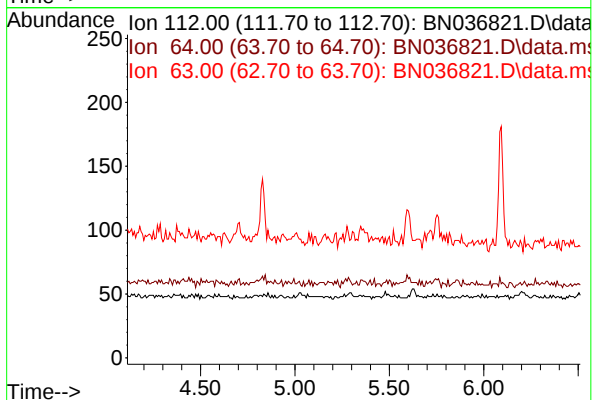




#4
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.31 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

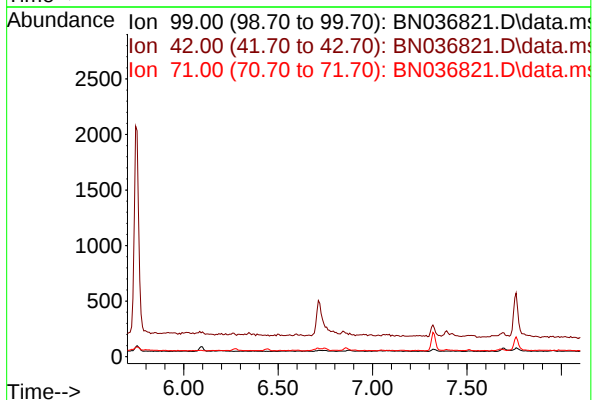
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 ClientSampleId :
 IW-01-55-040125

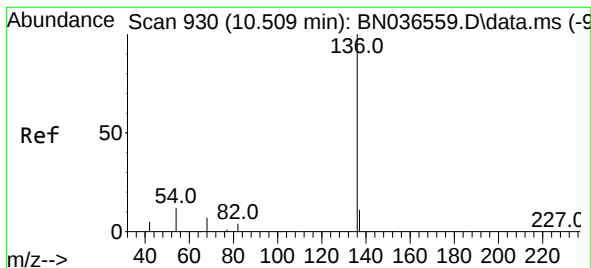
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 66.4
 63 39.8



#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 33.1
 71 42.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.477 min Scan# 91

Delta R.T. -0.032 min

Lab File: BN036821.D

Acq: 03 Apr 2025 14:13

Instrument :

BNA_N

ClientSampleId :

IW-01-55-040125

Tgt Ion:136 Resp: 5538

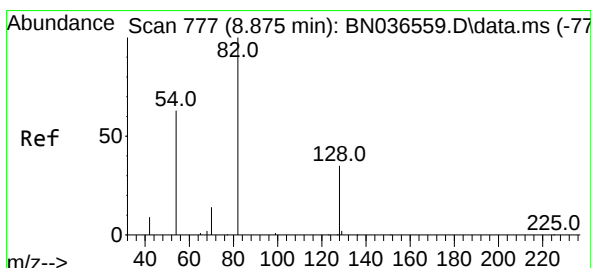
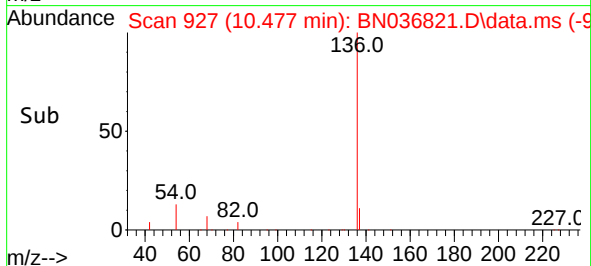
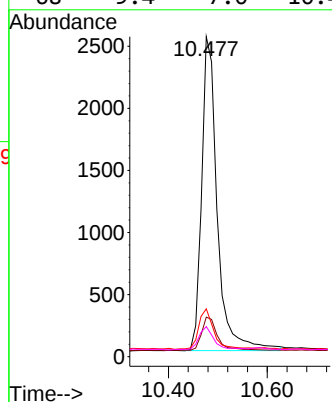
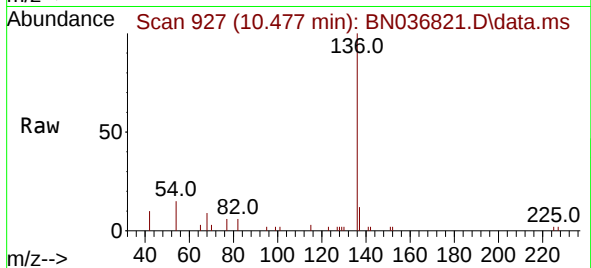
Ion Ratio Lower Upper

136 100

137 12.4 10.3 15.5

54 14.9 11.5 17.3

68 9.4 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.285 ng

RT: 8.843 min Scan# 774

Delta R.T. -0.032 min

Lab File: BN036821.D

Acq: 03 Apr 2025 14:13

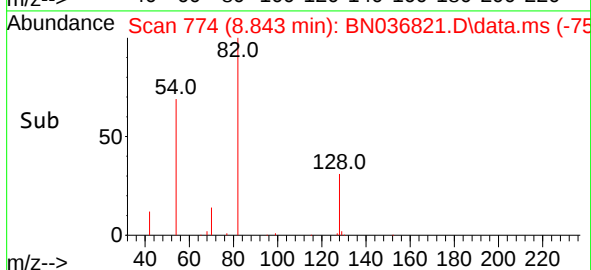
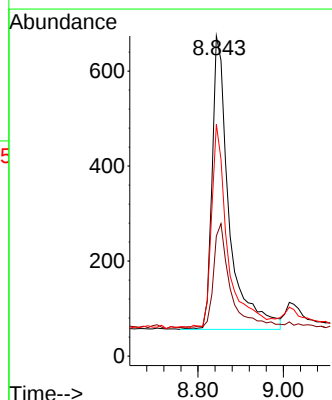
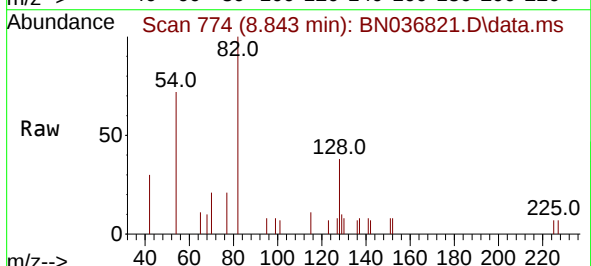
Tgt Ion: 82 Resp: 1715

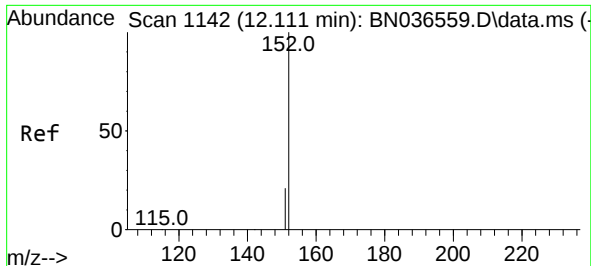
Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 72.4 52.2 78.4

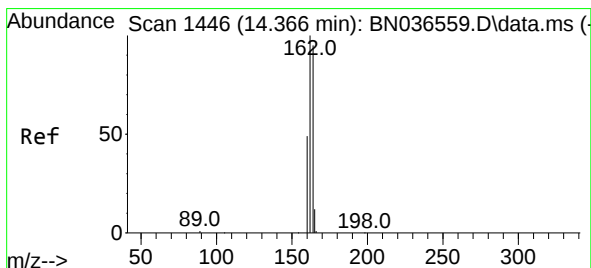
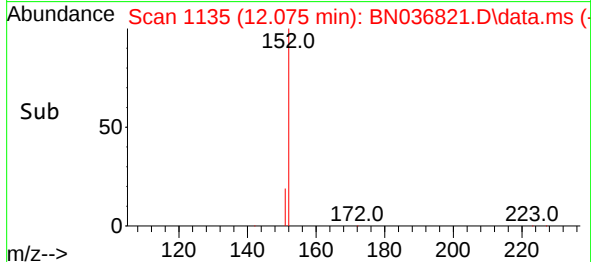
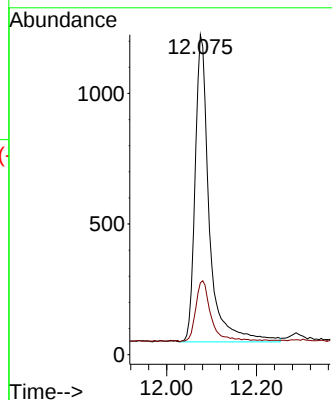
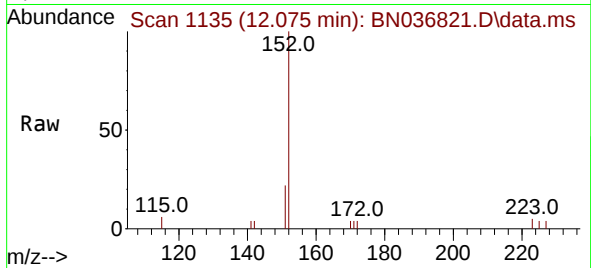




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.036 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

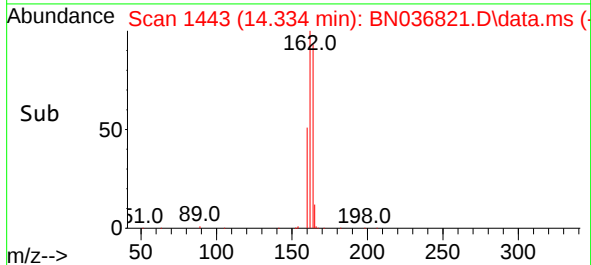
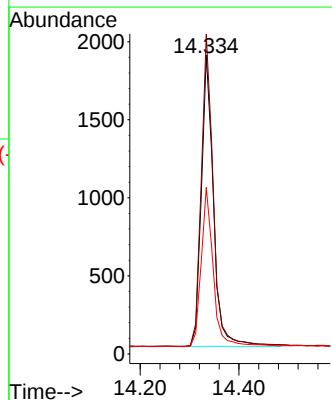
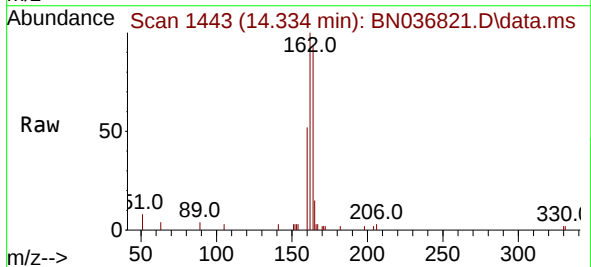
Instrument :
BNA_N
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IW-01-55-040125

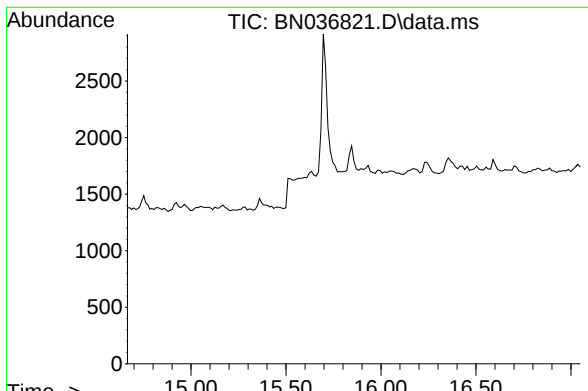
Tgt Ion:152 Resp: 2571
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

Tgt Ion:164 Resp: 3185
Ion Ratio Lower Upper
164 100
162 107.0 84.2 126.2
160 55.7 42.2 63.2



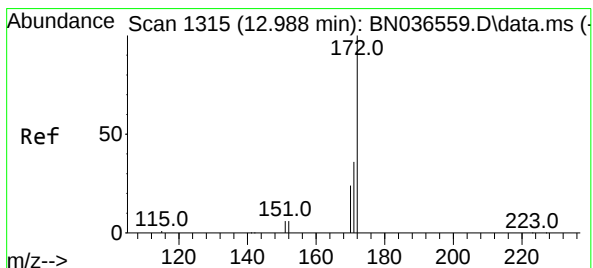
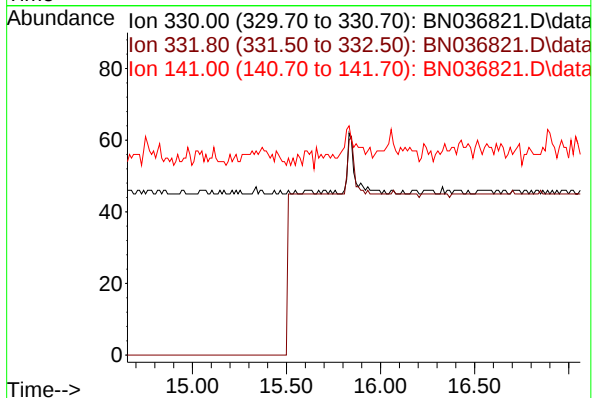


#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.86 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

Instrument :
 BNA_N
 ClientSampleId :
 IW-01-55-040125

Tgt Ion: 330

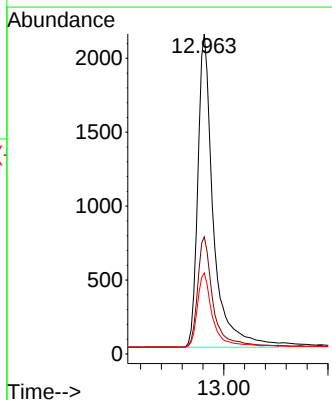
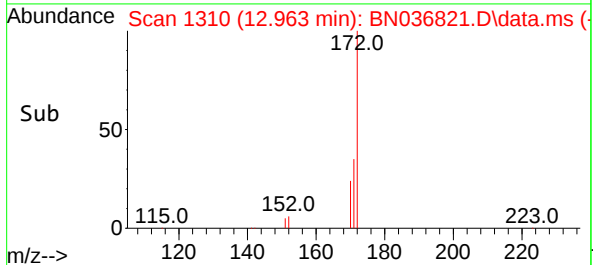
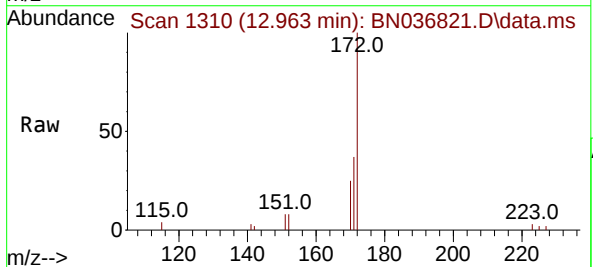
Sig	Exp Ratio
330	100
332	94.0
141	54.3

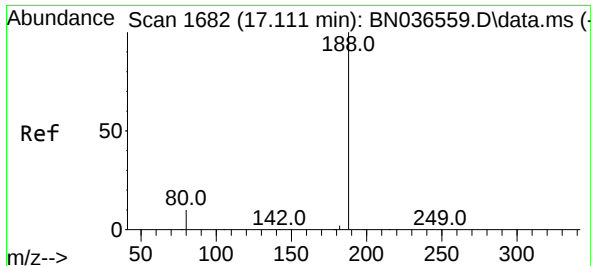


#15
 2-Fluorobiphenyl
 Concen: 0.306 ng
 RT: 12.963 min Scan# 1310
 Delta R.T. -0.025 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

Tgt Ion: 172 Resp: 5673

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.5	44.3
170	25.3	20.2	30.4

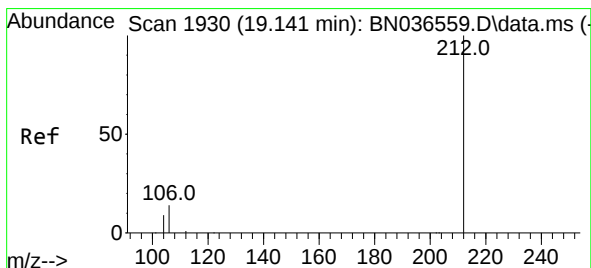
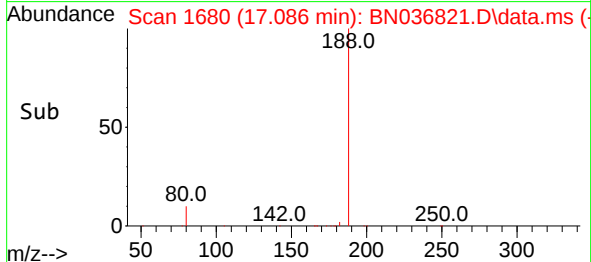
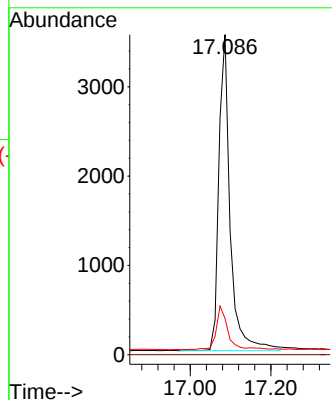
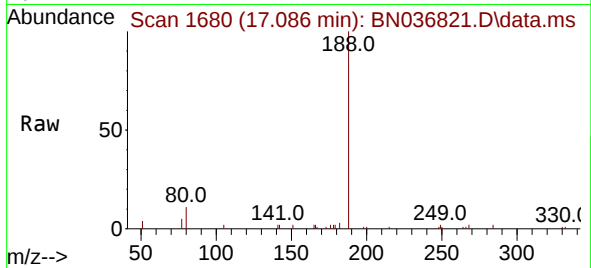




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

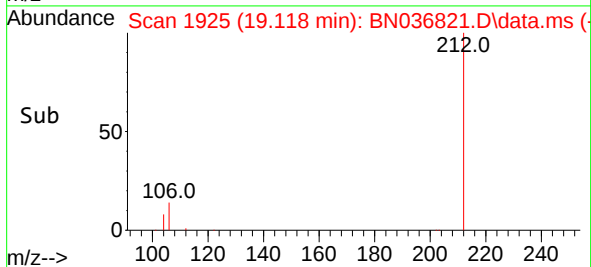
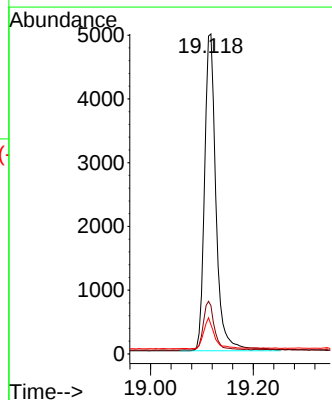
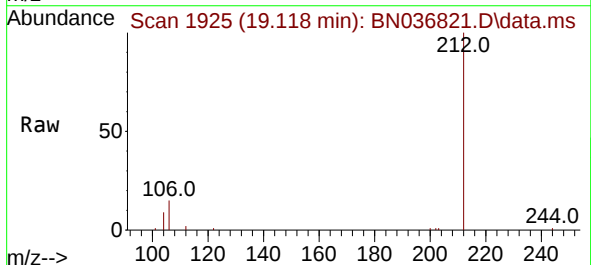
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BNA_N
ClientSampleId :
IW-01-55-040125

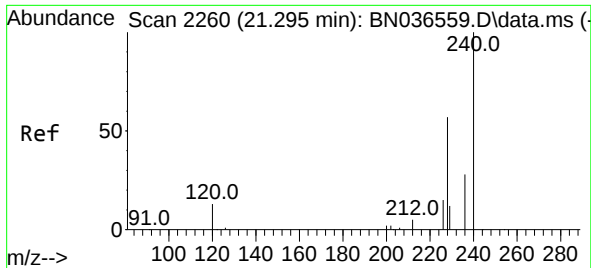
Tgt Ion:188 Resp: 6837
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

Tgt Ion:212 Resp: 7692
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 9.3 7.3 10.9

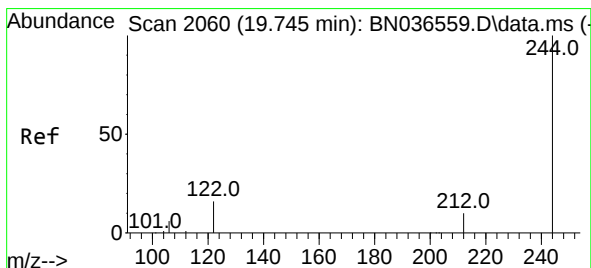
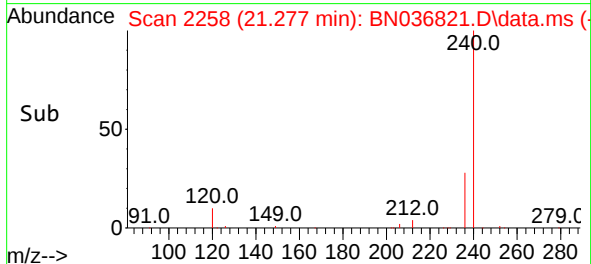
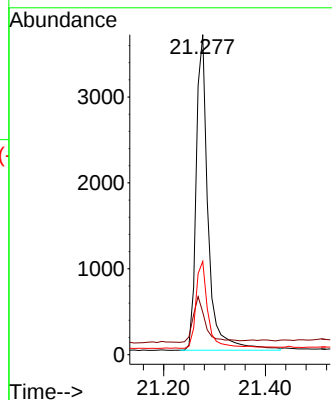
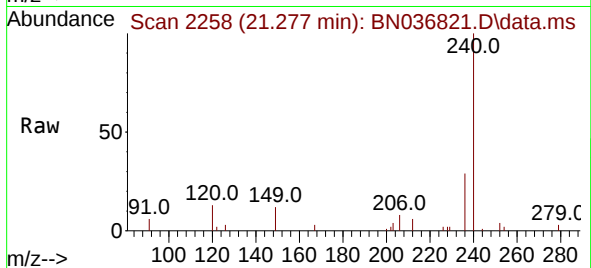




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

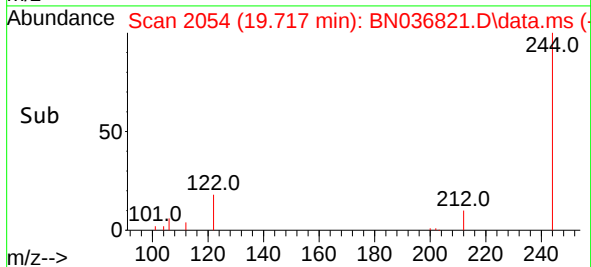
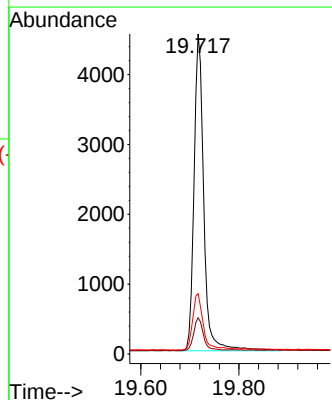
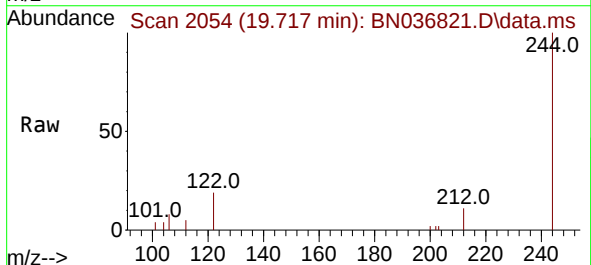
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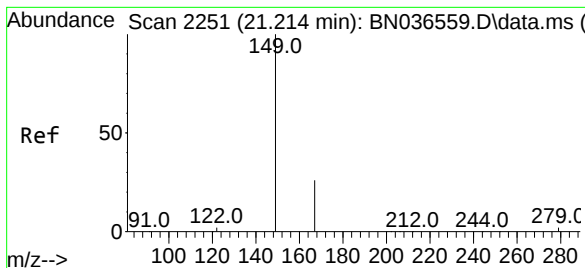
Tgt Ion:240 Resp: 5987
Ion Ratio Lower Upper
240 100
120 13.2 14.6 22.0#
236 29.1 24.1 36.1



#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

Tgt Ion:244 Resp: 6242
Ion Ratio Lower Upper
244 100
212 11.3 9.6 14.4
122 18.8 13.9 20.9

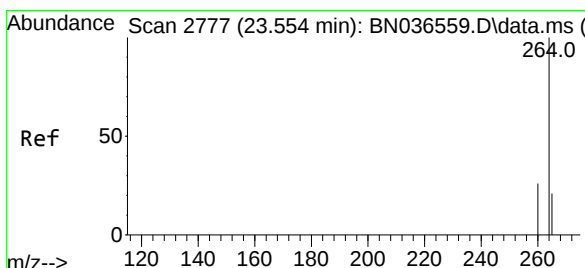
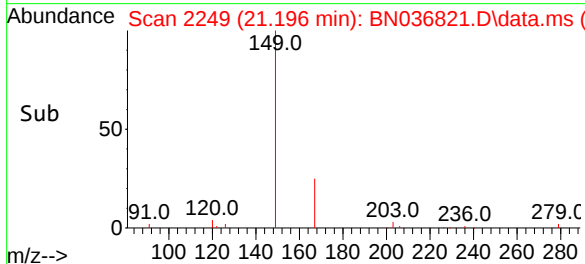
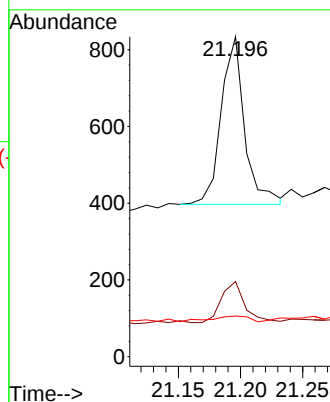
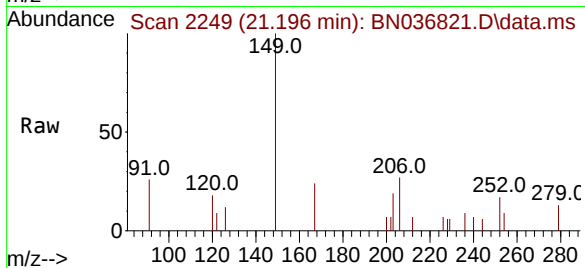




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

Instrument :
 BNA_N
 ClientSampleId :
 IW-01-55-040125

Tgt Ion:149 Resp: 572
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.7 31.1
 279 5.4 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 2764
 Delta R.T. -0.038 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

Tgt Ion:264 Resp: 5473
 Ion Ratio Lower Upper
 264 100
 260 26.6 22.6 33.8
 265 72.9 88.1 132.1#

