

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)

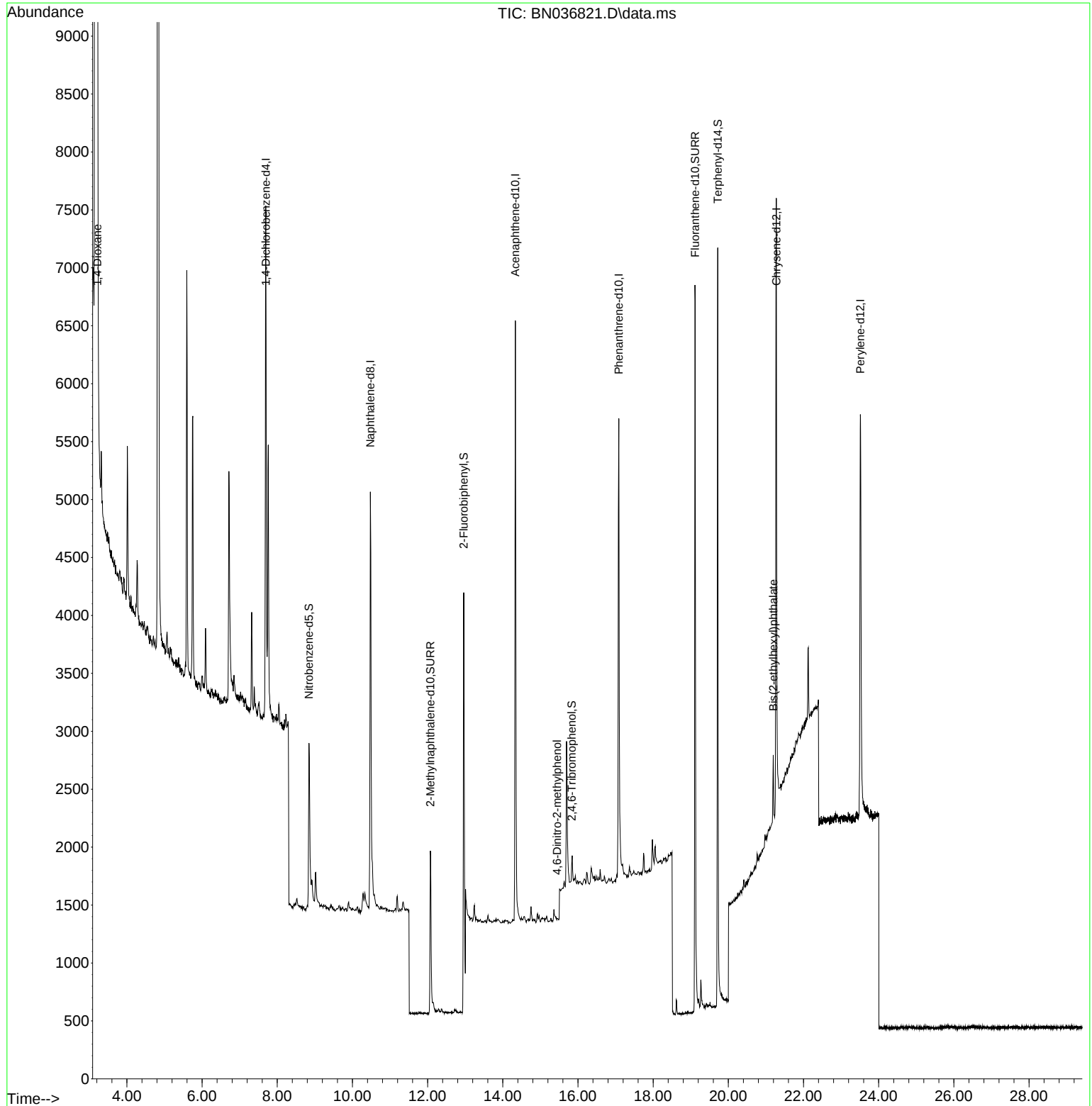
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2298	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5538	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	3185	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6837	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	5987	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	5473	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	9	0.002	ng	-0.02
5) Phenol-d6	6.879	99	16	0.002	ng	-0.02
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	15.833	330	43	0.030	ng	-0.02
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						Qvalue
2) 1,4-Dioxane	3.217	88	2303	0.903	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.446	198	11	0.152	ng	# 1
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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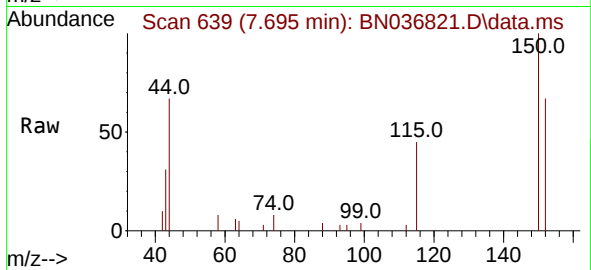
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



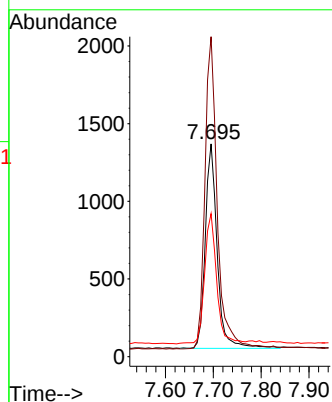
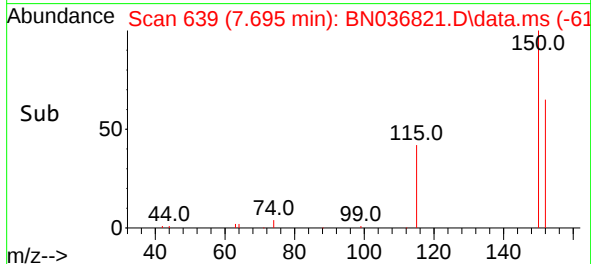


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

Instrument :
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 IW-01-55-040125

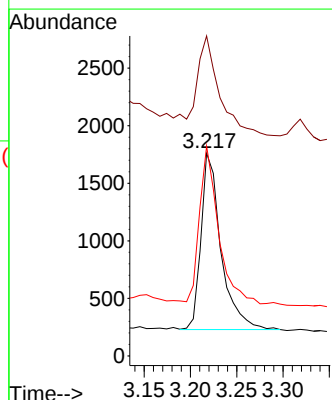
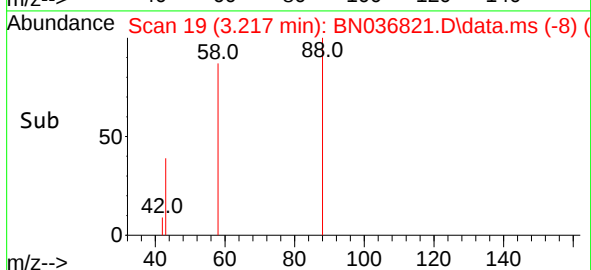
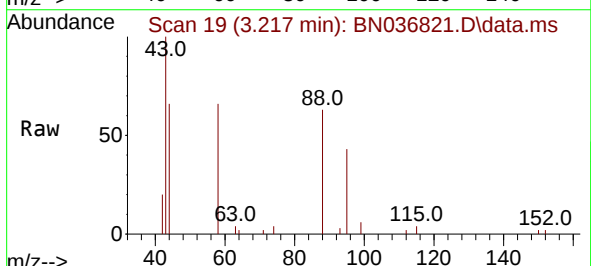


Tgt Ion:152 Resp: 2298
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.7 185.5
 115 67.2 54.3 81.5



#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

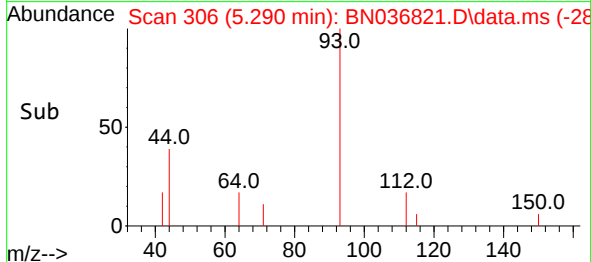
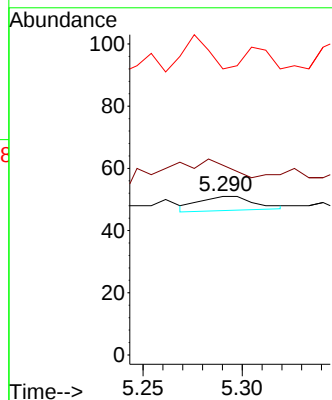
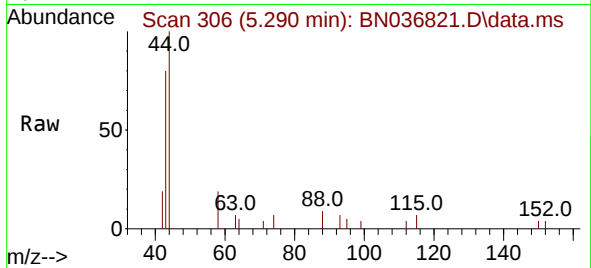




#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

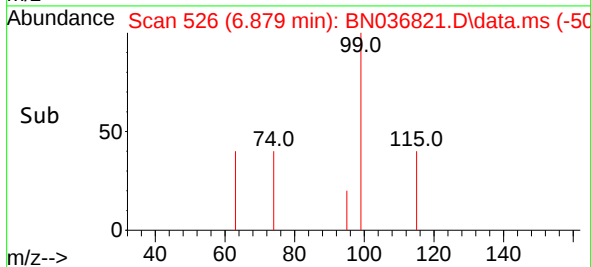
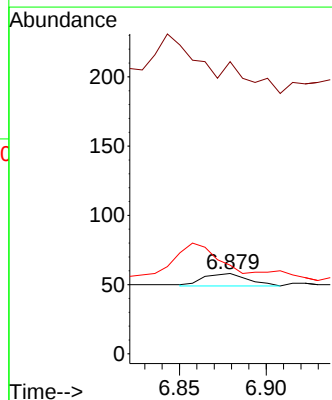
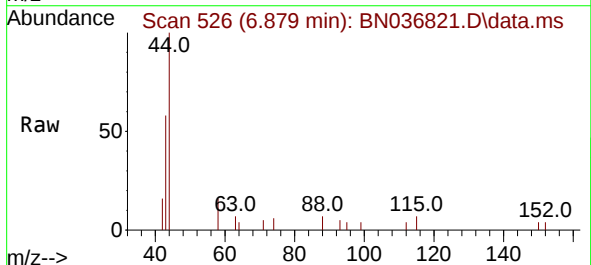
Instrument :
BNA_N
ClientSampleId :
IW-01-55-040125

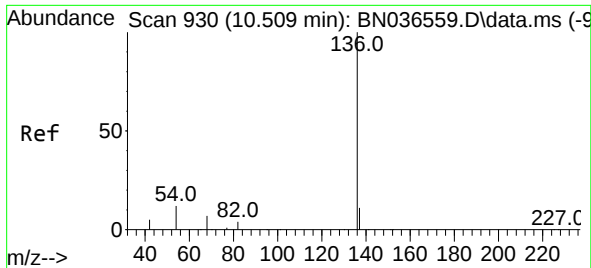
Tgt Ion:112 Resp: 9
Ion Ratio Lower Upper
112 100
64 222.2 53.1 79.7#
63 400.0 31.8 47.8#



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

Tgt Ion: 99 Resp: 16
Ion Ratio Lower Upper
99 100
42 0.0 26.5 39.7#
71 0.0 34.1 51.1#

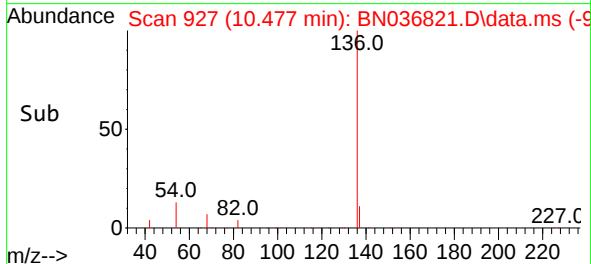
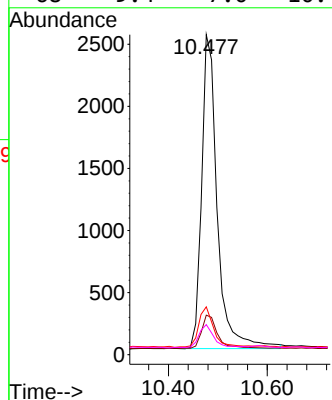
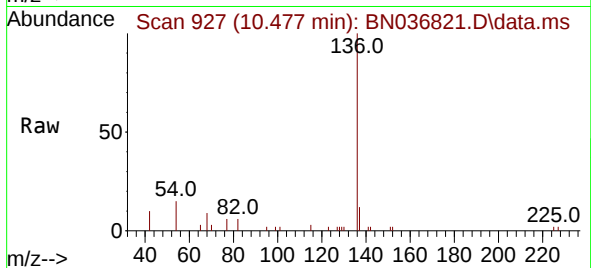




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

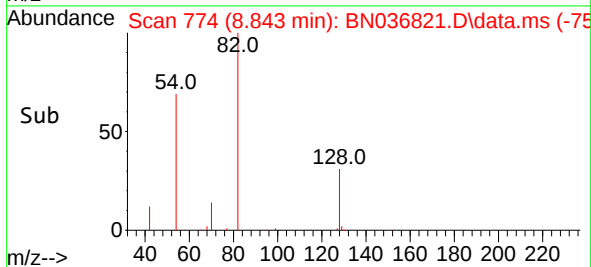
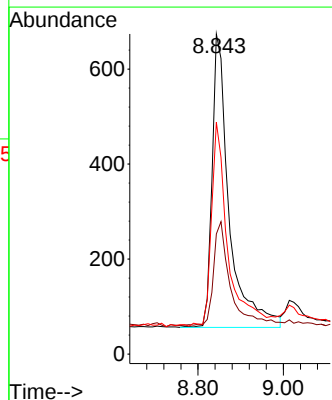
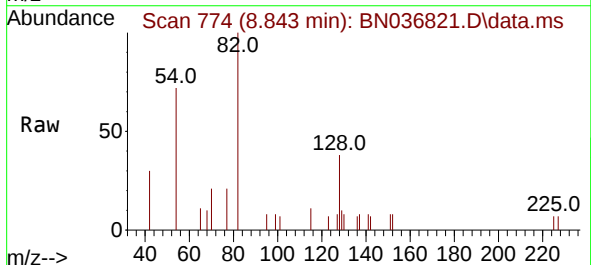
Instrument :
BNA_N
ClientSampleId :
IW-01-55-040125

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

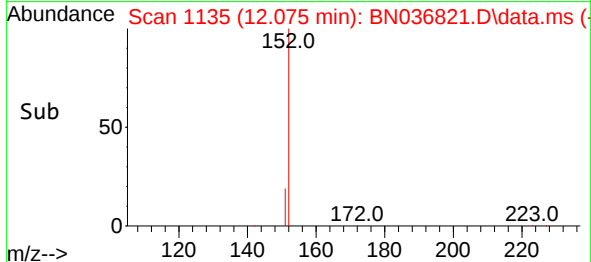
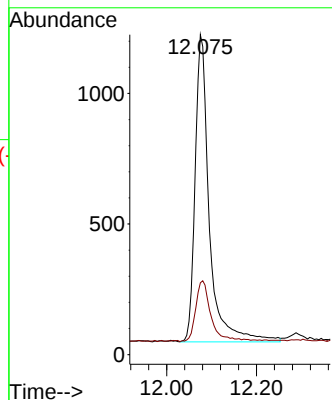
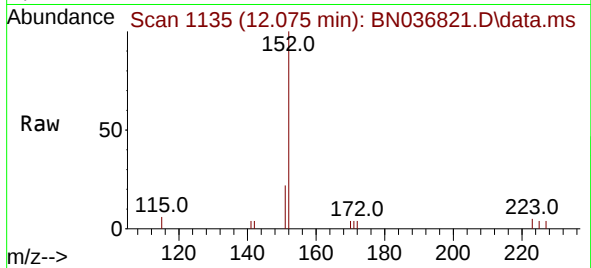




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.036 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

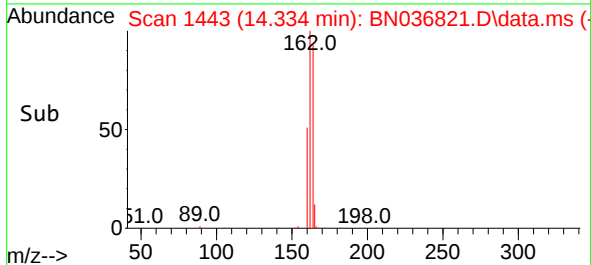
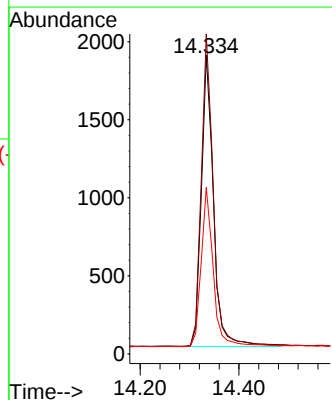
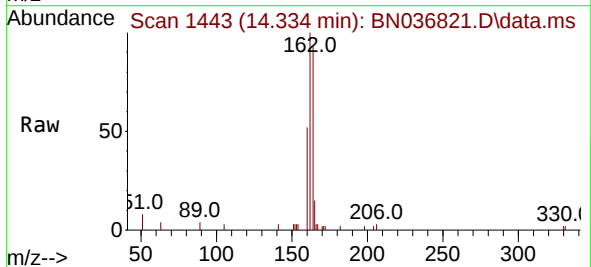
Instrument :
BNA_N
ClientSampleId :
IW-01-55-040125

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

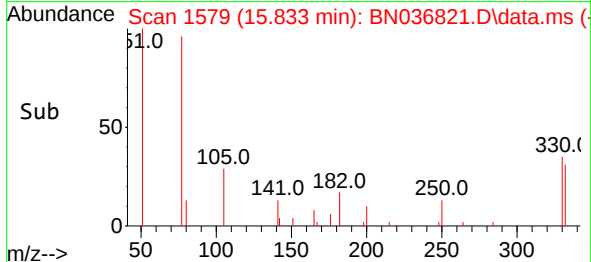
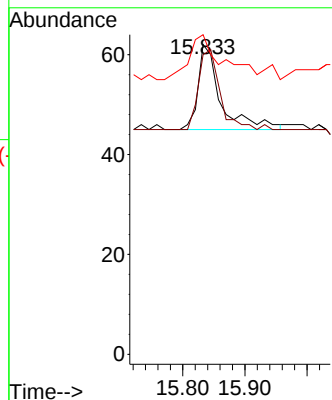
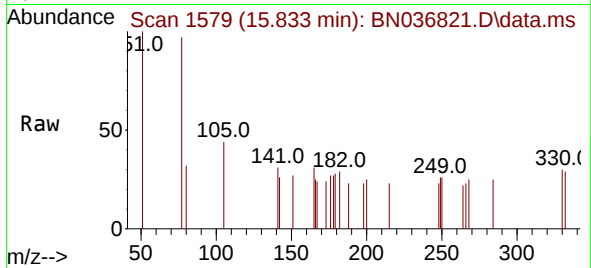




#14
2,4,6-Tribromophenol
Concen: 0.030 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

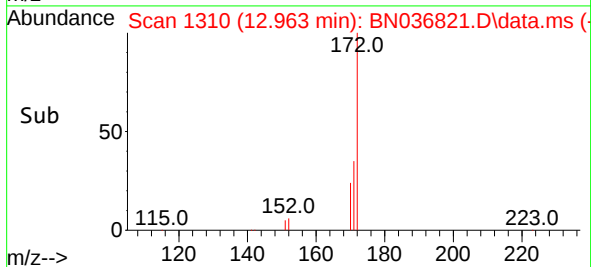
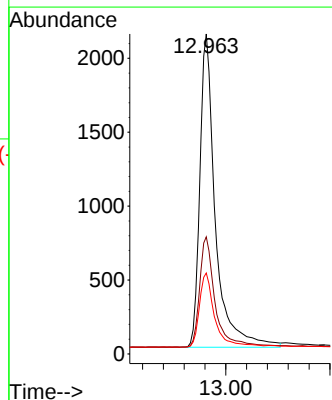
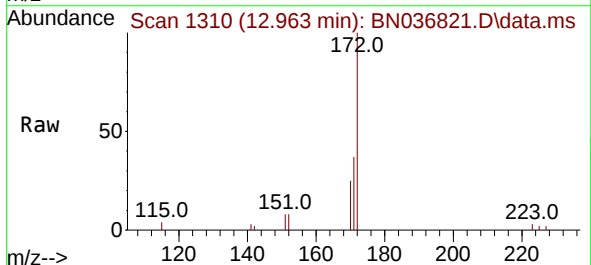
Instrument :
BNA_N
ClientSampleId :
IW-01-55-040125

Tgt Ion:330 Resp: 43
Ion Ratio Lower Upper
330 100
332 90.7 75.2 112.8
141 79.1 43.4 65.2#



#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

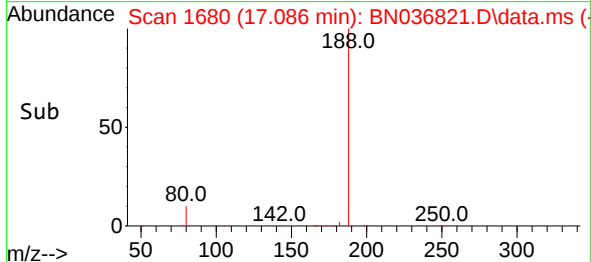
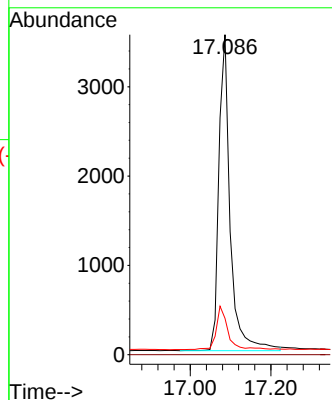
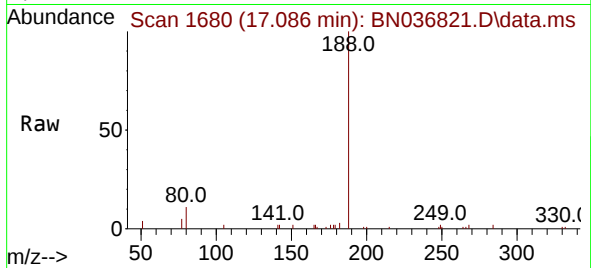




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

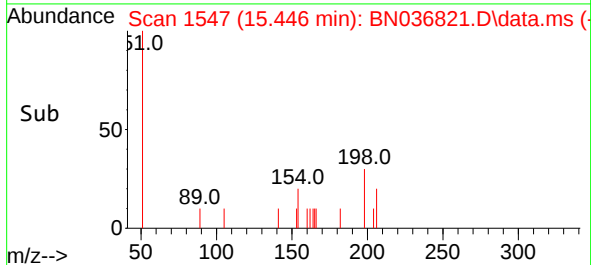
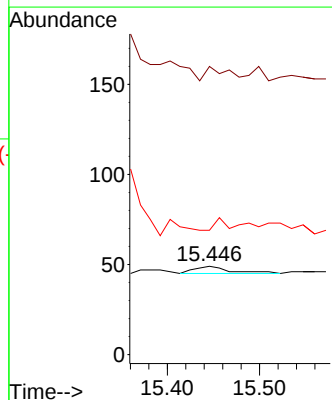
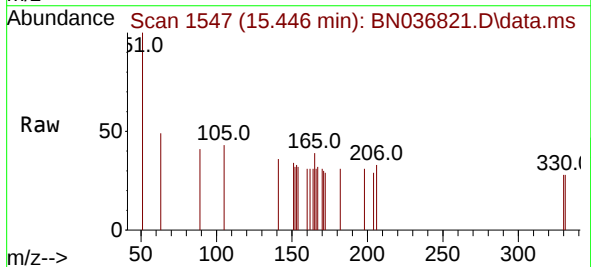
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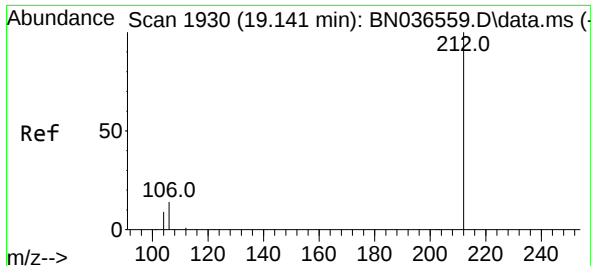
Tgt Ion:188 Resp: 6837
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.152 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.053 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 326.5 107.9 161.9#
105 140.8 56.2 84.2#

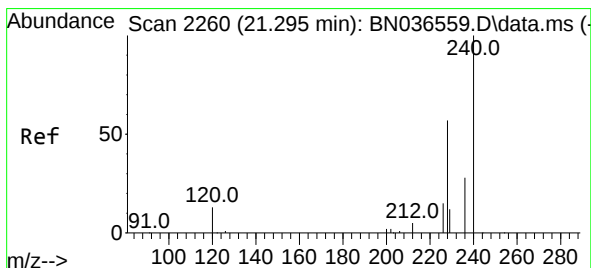
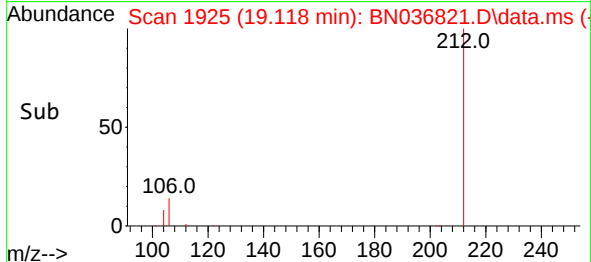
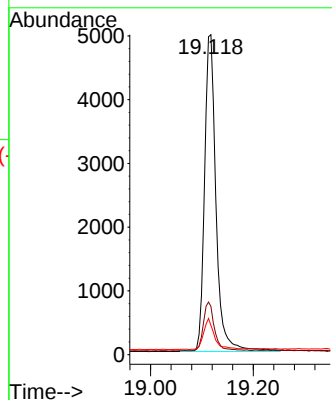
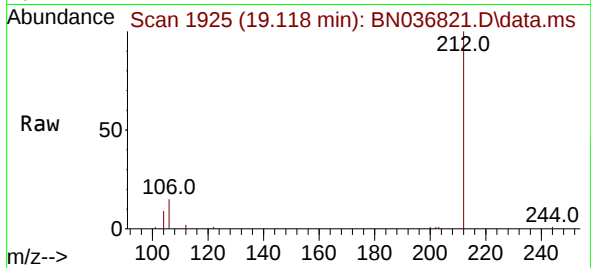




#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.118 min Scan# 1930
Delta R.T. -0.023 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

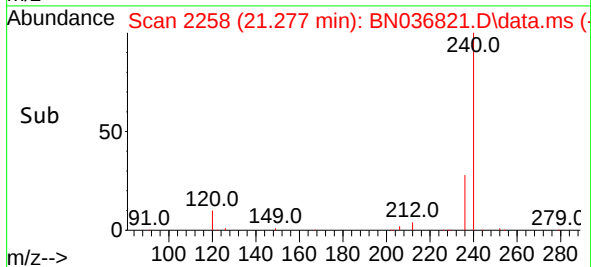
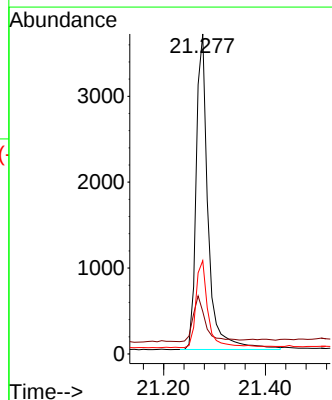
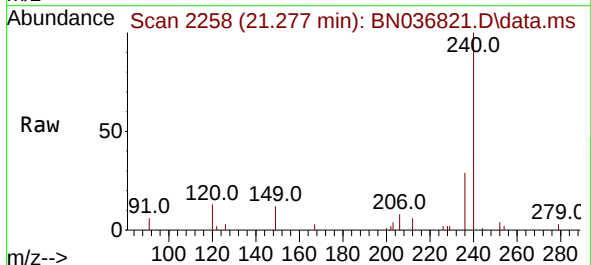
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Tgt Ion:212 Resp: 7692
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 9.3 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036821.D
Acq: 03 Apr 2025 14:13

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

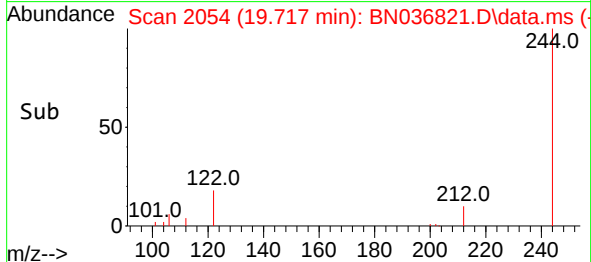
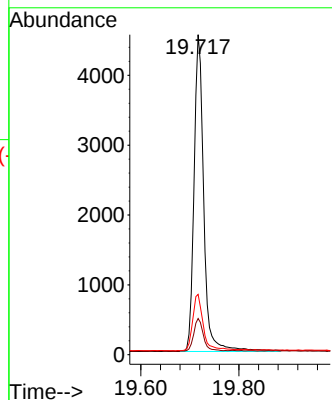
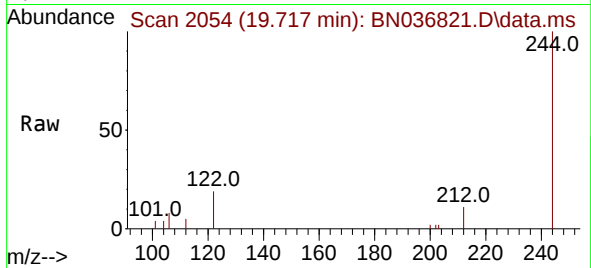




#31
 Terphenyl-d14
 Concen: 0.435 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

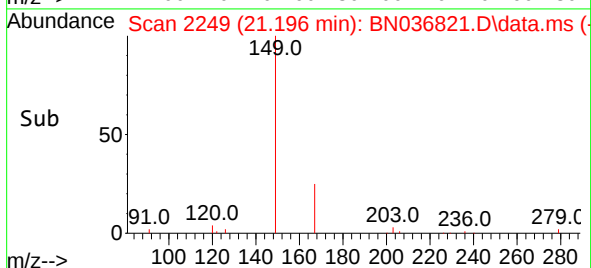
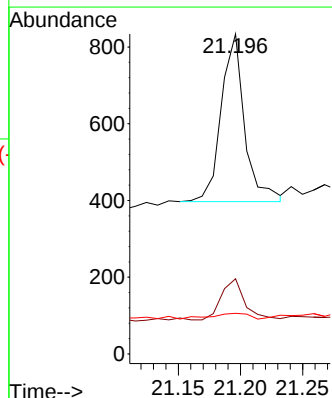
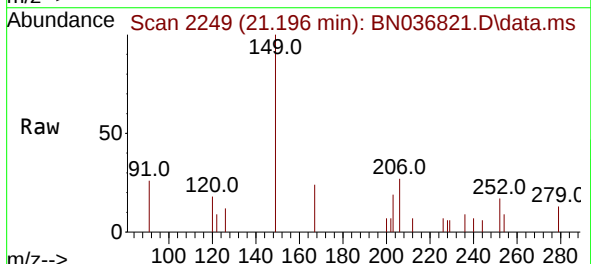
Instrument :
 BNA_N
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 IW-01-55-040125

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# 2249
 Delta R.T. -0.018 min
 Lab File: BN036821.D
 Acq: 03 Apr 2025 14:13

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# 21

Delta R.T. -0.038 min

Lab File: BN036821.D

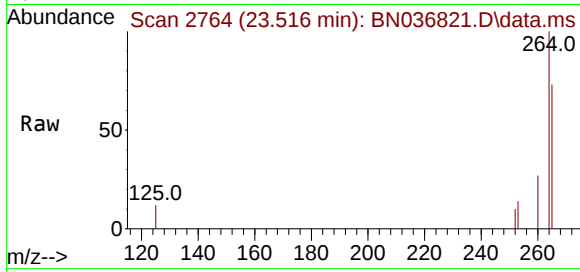
Acq: 03 Apr 2025 14:13

Instrument :

BNA_N

ClientSampleId :

IW-01-55-040125



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#

