

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036833.D
 Acq On : 03 Apr 2025 21:27
 Operator : RC/JU
 Sample : Q1711-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-56-040225

Quant Time: Apr 04 00:57:37 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)

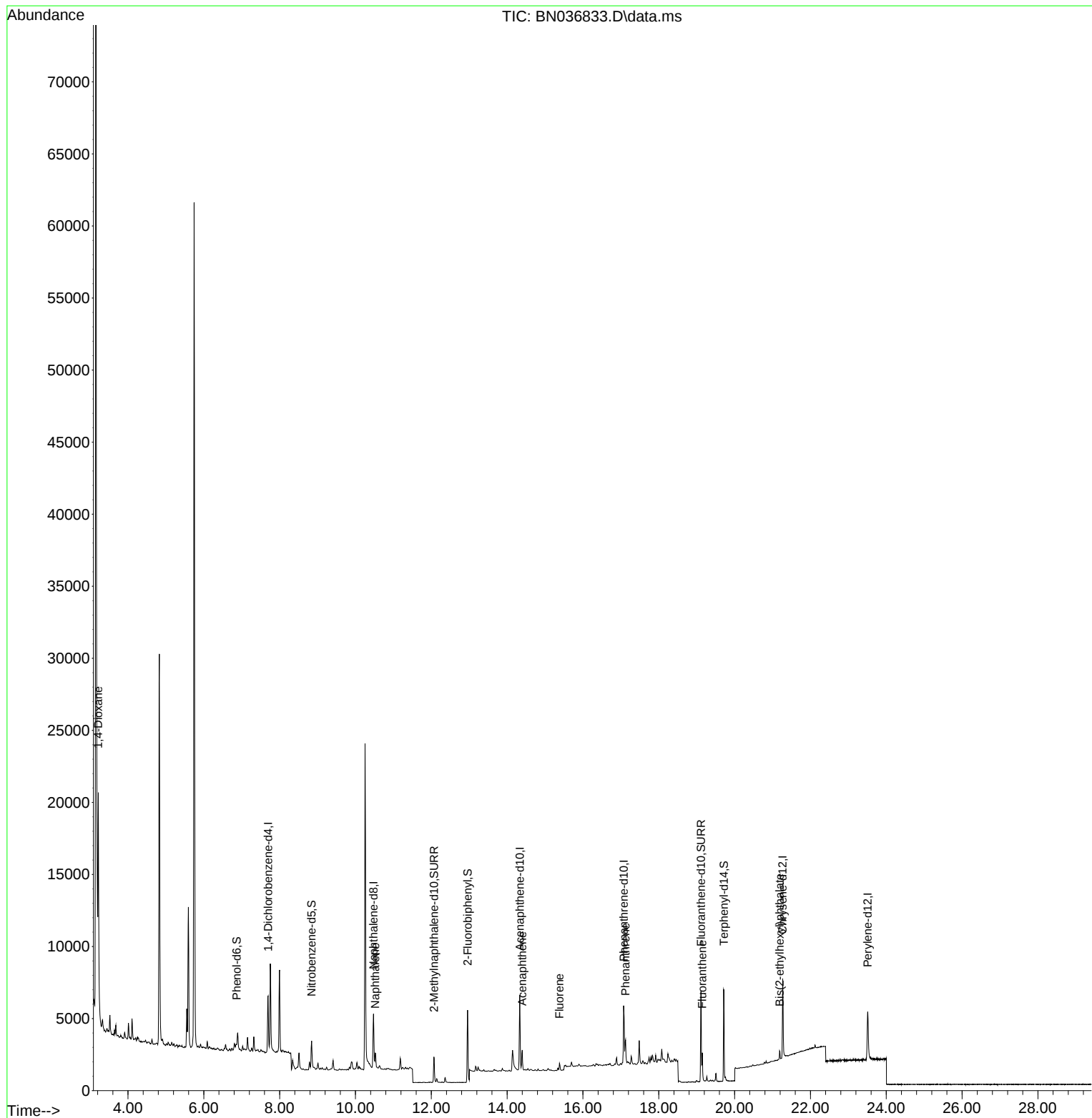
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1921	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4919	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2872	0.400	ng	-0.03
19) Phenanthrene-d10	17.074	188	6163	0.400	ng	#-0.04
29) Chrysene-d12	21.268	240	5425	0.400	ng	-0.03
35) Perylene-d12	23.510	264	5096	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	62	0.014	ng	-0.03
5) Phenol-d6	6.865	99	219	0.040	ng	-0.04
8) Nitrobenzene-d5	8.843	82	1856	0.347	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	2569	0.351	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	22	0.017	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	6752	0.404	ng	-0.03
27) Fluoranthene-d10	19.113	212	6838	0.433	ng	-0.03
31) Terphenyl-d14	19.717	244	6059	0.466	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.218	88	8170	3.834	ng	# 84
9) Naphthalene	10.519	128	1293	0.089	ng	# 87
17) Acenaphthene	14.398	154	686	0.077	ng	98
18) Fluorene	15.382	166	330	0.027	ng	# 97
25) Phenanthrene	17.124	178	1945	0.105	ng	99
28) Fluoranthene	19.146	202	690	0.033	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.187	149	731	0.054	ng	93

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

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Instrument :
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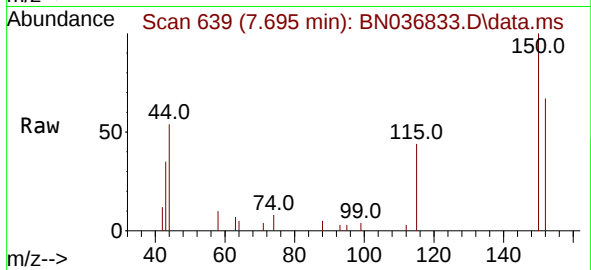
Quant Time: Apr 04 00:57:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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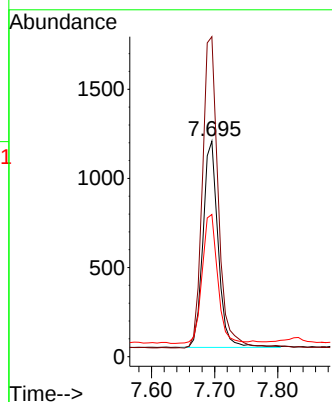
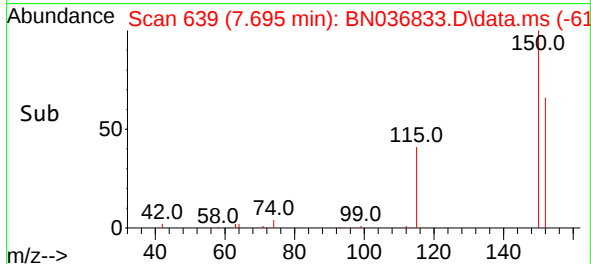


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-56-040225

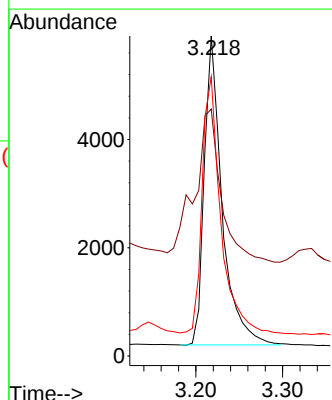
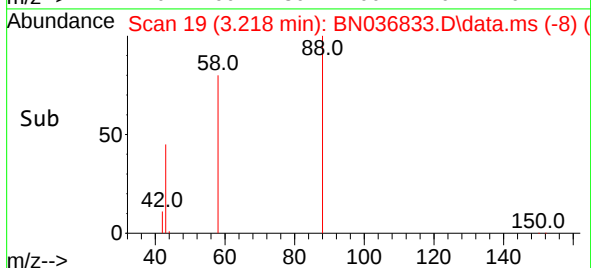
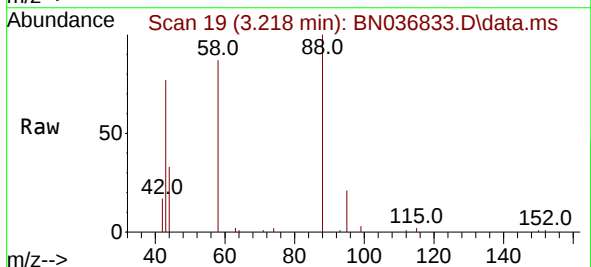


Tgt Ion:152 Resp: 1921
 Ion Ratio Lower Upper
 152 100
 150 148.5 123.7 185.5
 115 66.0 54.3 81.5



#2
 1,4-Dioxane
 Concen: 3.834 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

Tgt Ion: 88 Resp: 8170
 Ion Ratio Lower Upper
 88 100
 43 75.1 37.8 56.8#
 58 85.6 67.4 101.2

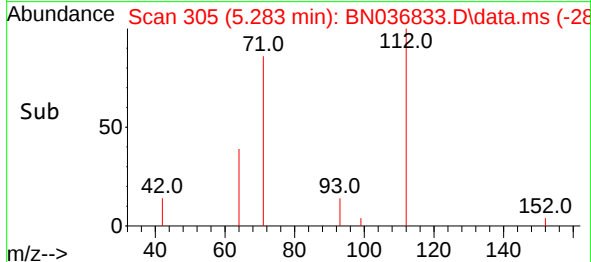
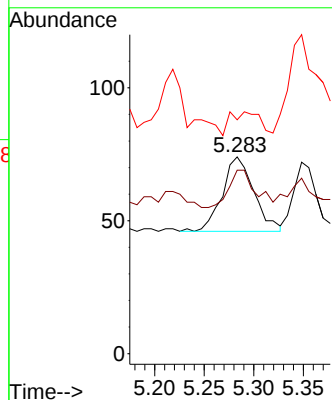
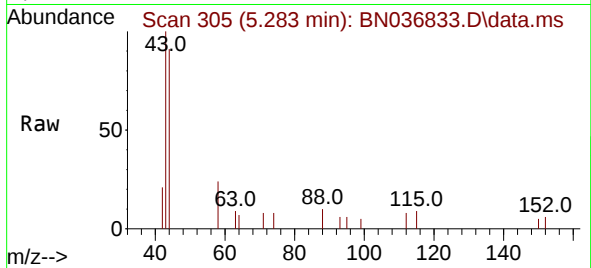




#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.283 min Scan# 309
Delta R.T. -0.029 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

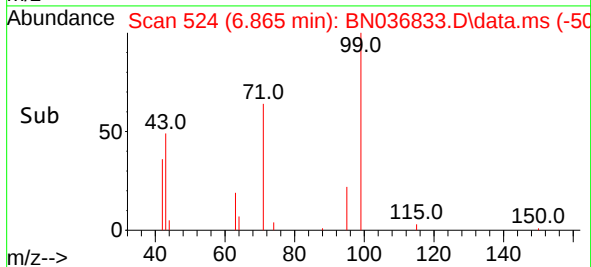
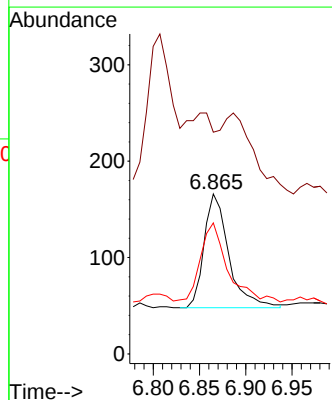
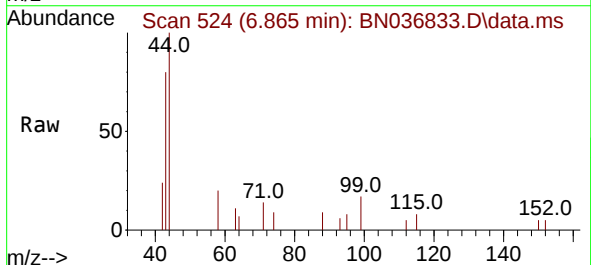
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225

Tgt Ion:112 Resp: 62
Ion Ratio Lower Upper
112 100
64 41.9 53.1 79.7#
63 30.6 31.8 47.8#



#5
Phenol-d6
Concen: 0.040 ng
RT: 6.865 min Scan# 524
Delta R.T. -0.036 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion: 99 Resp: 219
Ion Ratio Lower Upper
99 100
42 0.0 26.5 39.7#
71 80.8 34.1 51.1#

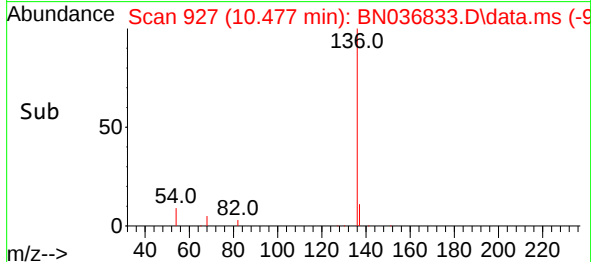
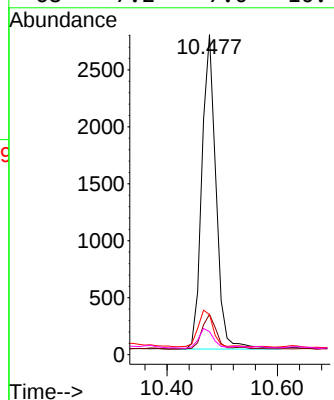
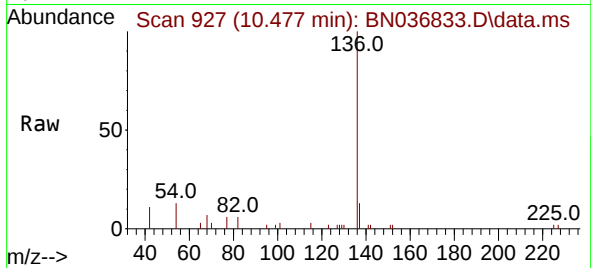




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

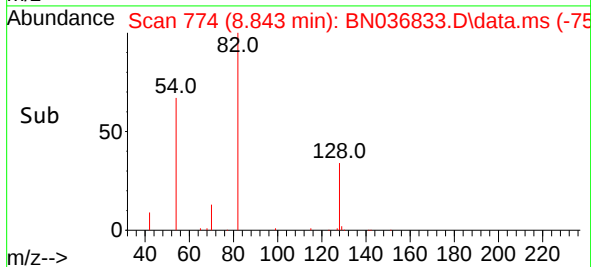
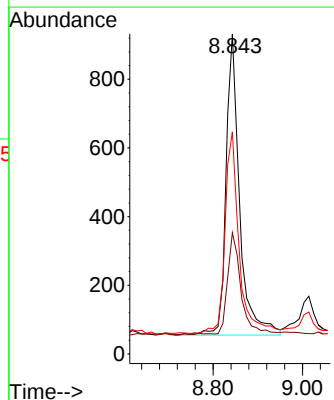
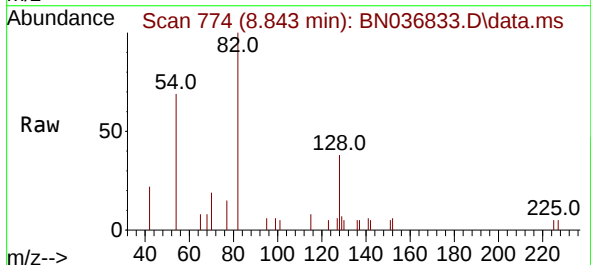
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225

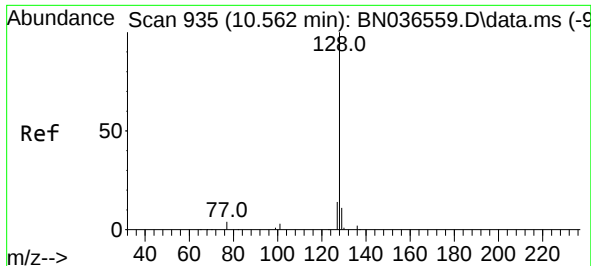
Tgt Ion:136	Resp:	4919
Ion	Ratio	Lower Upper
136	100	
137	12.6	10.3 15.5
54	12.6	11.5 17.3
68	7.2	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion: 82	Resp:	1856
Ion	Ratio	Lower Upper
82	100	
128	37.9	30.6 45.8
54	69.4	52.2 78.4

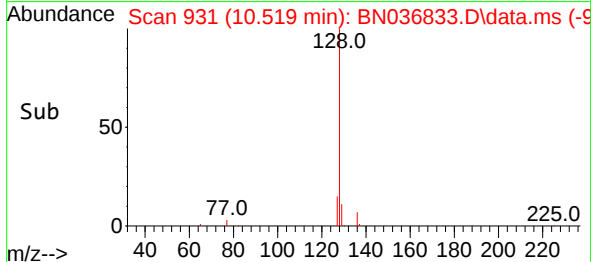
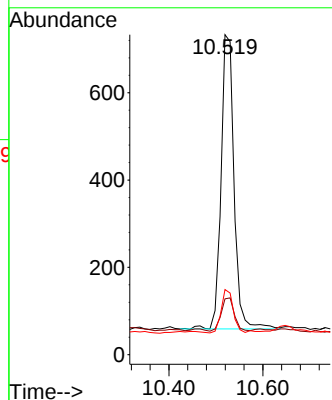
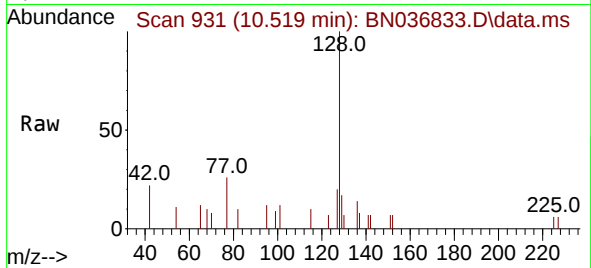




#9
Naphthalene
Concen: 0.089 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.043 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

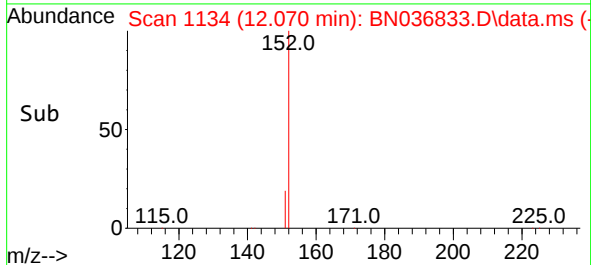
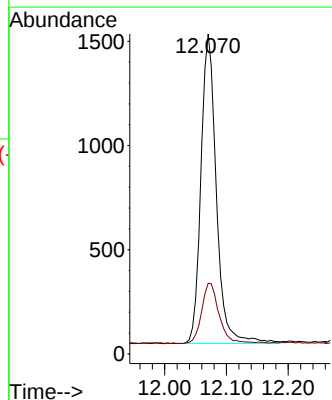
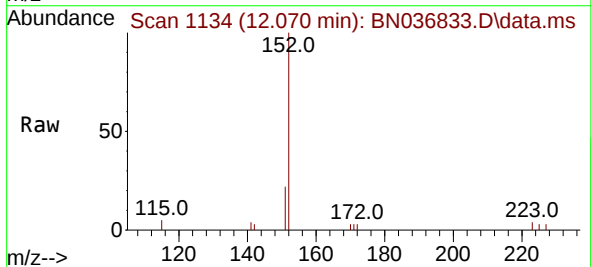
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ClientSampleId :
MW-18B-56-040225

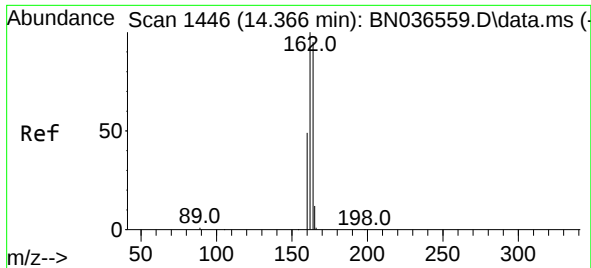
Tgt Ion:128 Resp: 1293
Ion Ratio Lower Upper
128 100
129 17.5 9.8 14.6#
127 20.3 11.8 17.8#



#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.070 min Scan# 1134
Delta R.T. -0.040 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion:152 Resp: 2569
Ion Ratio Lower Upper
152 100
151 22.0 17.0 25.6

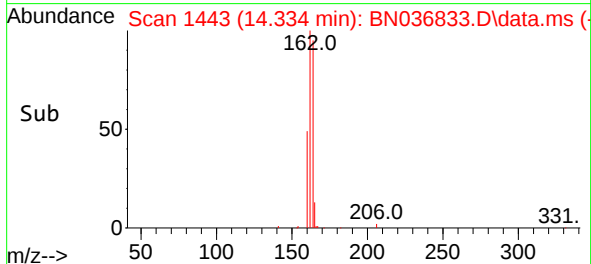
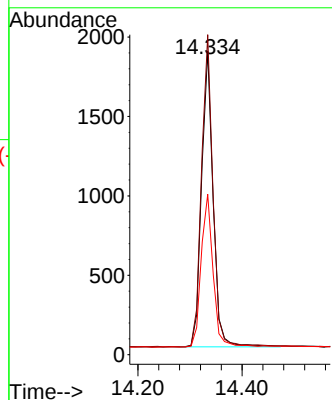
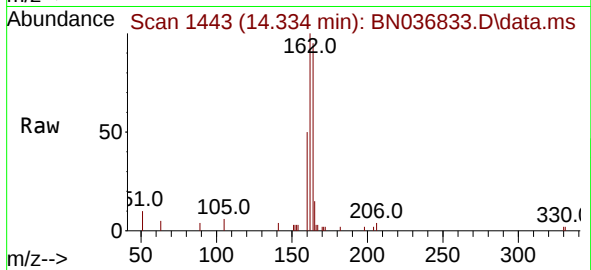




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

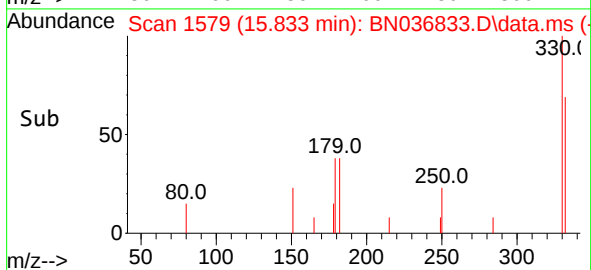
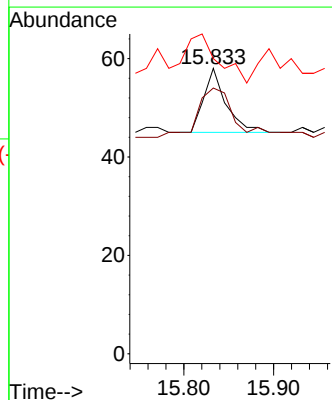
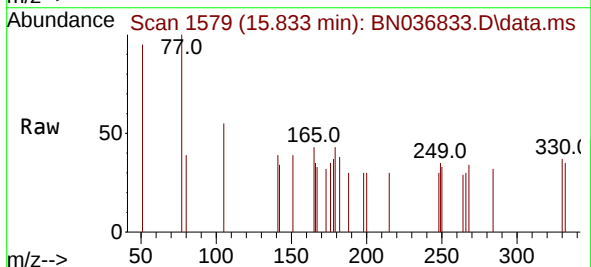
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BNA_N
ClientSampleId :
MW-18B-56-040225

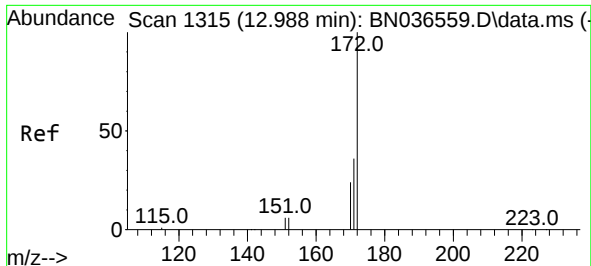
Tgt Ion:164 Resp: 2872
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 52.9 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion:330 Resp: 22
Ion Ratio Lower Upper
330 100
332 136.4 75.2 112.8#
141 118.2 43.4 65.2#

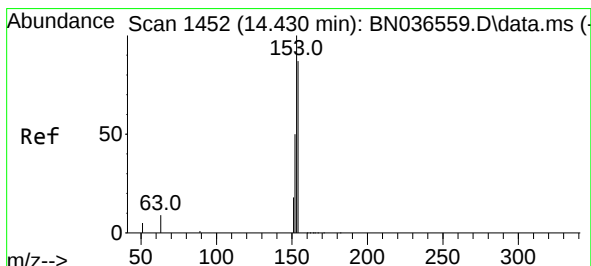
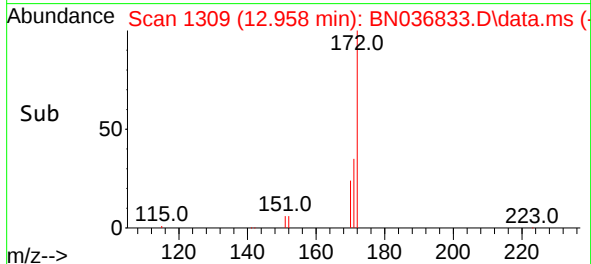
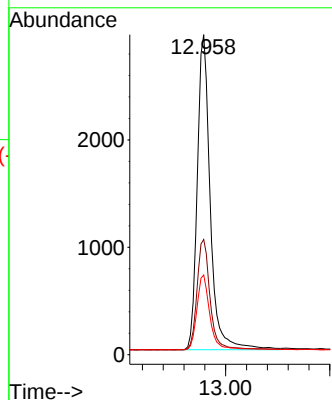
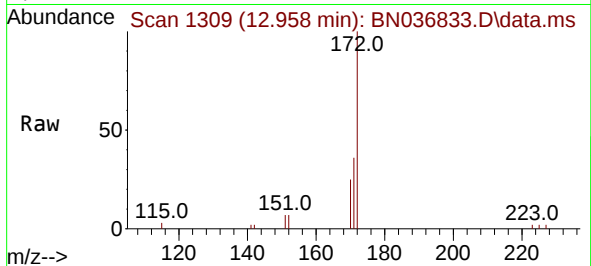




#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.958 min Scan# 11
Delta R.T. -0.030 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

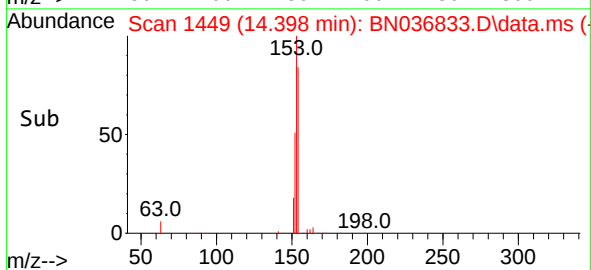
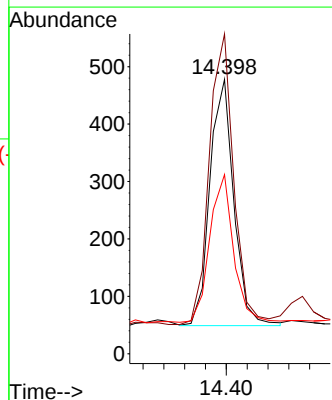
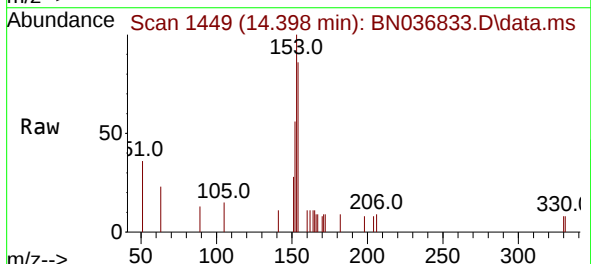
Instrument :
BNA_N
ClientSampleId :
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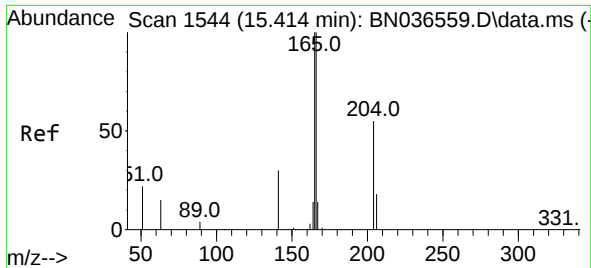
Tgt Ion:172 Resp: 6752
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 24.9 20.2 30.4



#17
Acenaphthene
Concen: 0.077 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.032 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion:154 Resp: 686
Ion Ratio Lower Upper
154 100
153 119.8 94.1 141.1
152 60.9 49.8 74.6

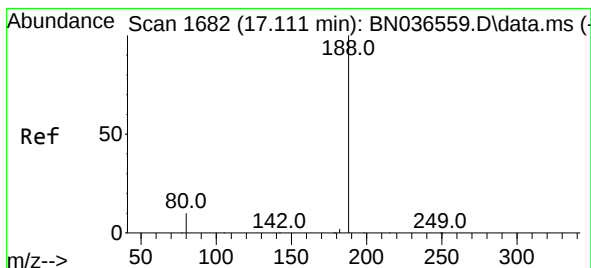
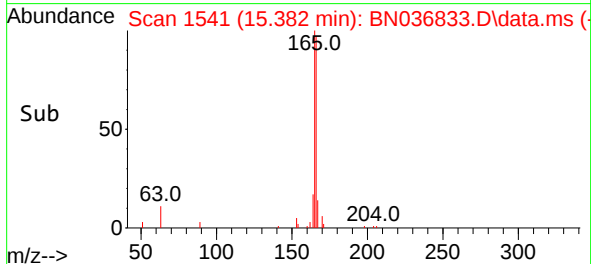
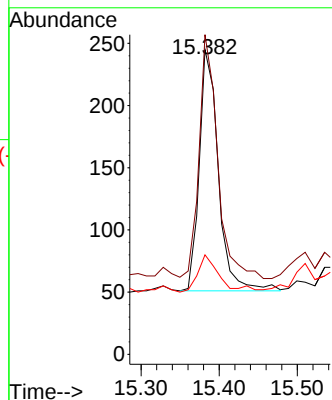
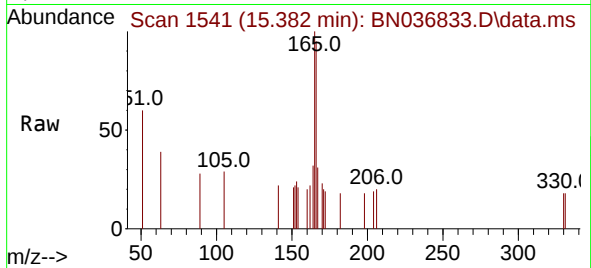




#18
 Fluorene
 Concen: 0.027 ng
 RT: 15.382 min Scan# 11
 Delta R.T. -0.032 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

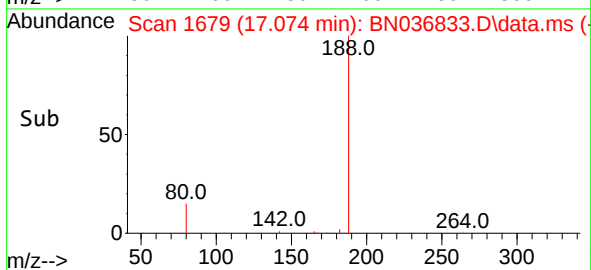
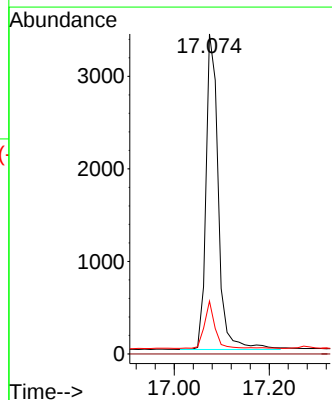
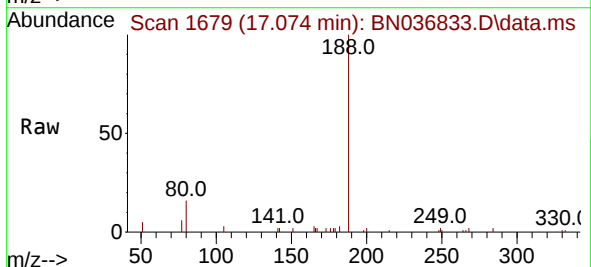
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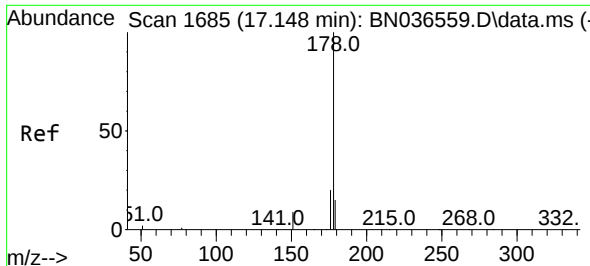
Tgt Ion:166 Resp: 330
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.8 119.8
 167 16.1 10.6 15.8#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.074 min Scan# 1679
 Delta R.T. -0.037 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

Tgt Ion:188 Resp: 6163
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 16.5 8.8 13.2#

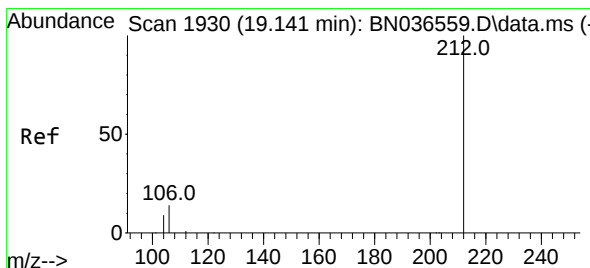
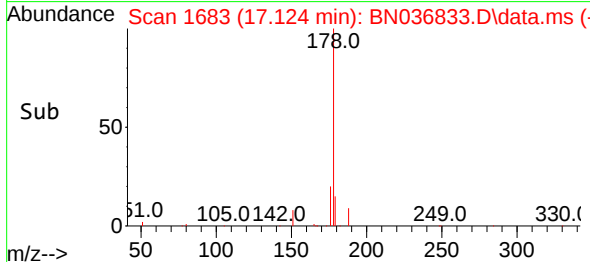
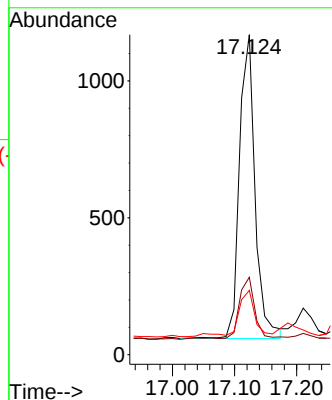
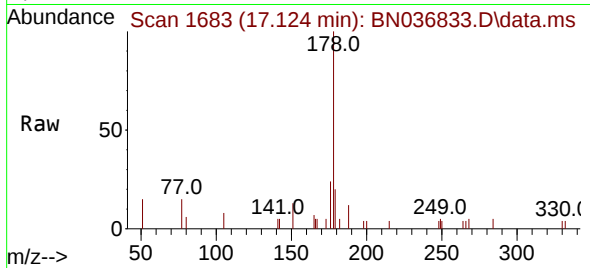




#25
Phenanthrene
Concen: 0.105 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.025 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

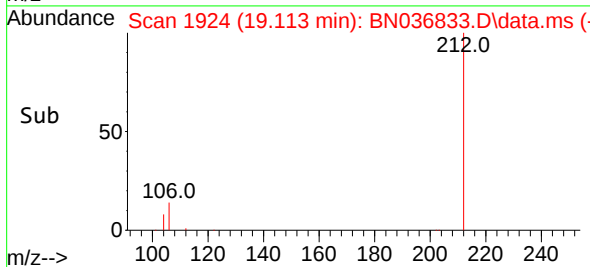
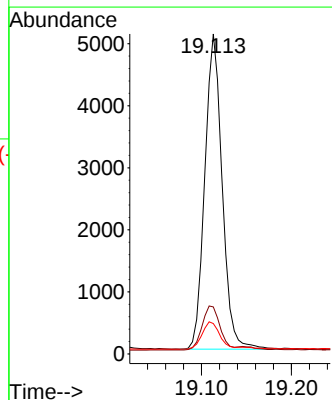
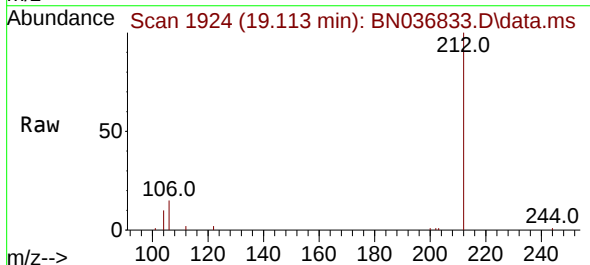
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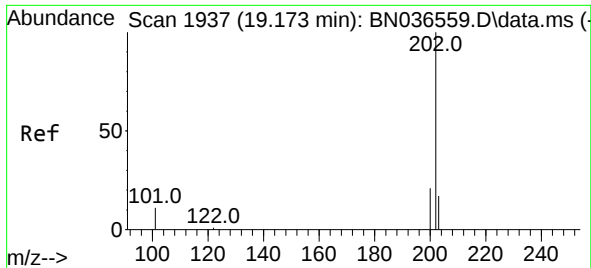
Tgt Ion:178 Resp: 1945
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 14.4 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.028 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion:212 Resp: 6838
Ion Ratio Lower Upper
212 100
106 14.3 11.8 17.6
104 8.9 7.3 10.9

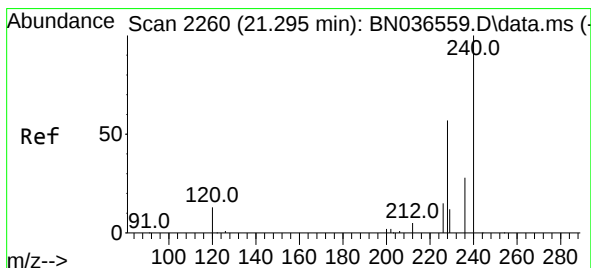
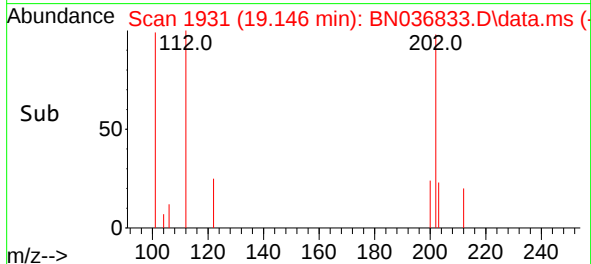
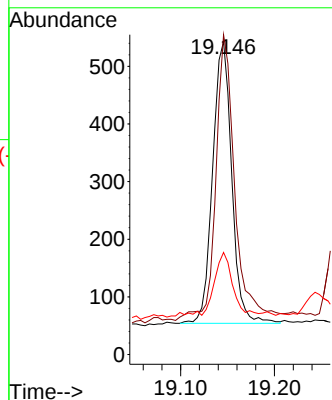
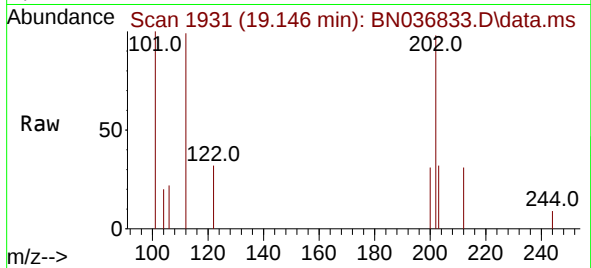




#28
Fluoranthene
Concen: 0.033 ng
RT: 19.146 min Scan# 1931
Delta R.T. -0.028 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

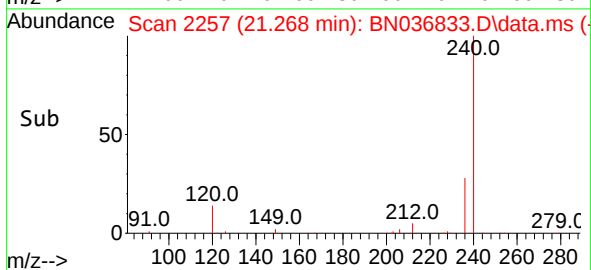
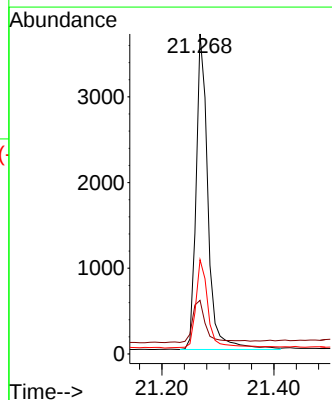
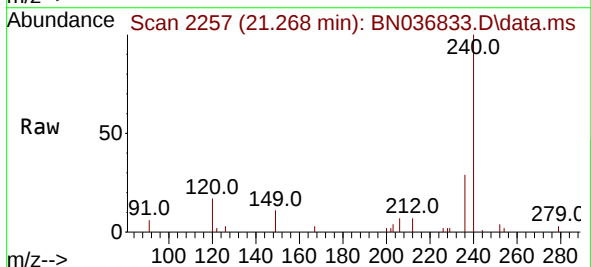
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225

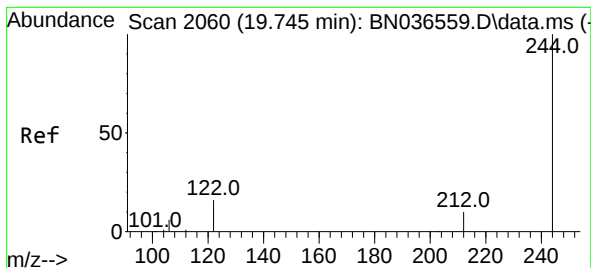
Tgt Ion:202 Resp: 690
Ion Ratio Lower Upper
202 100
101 101.6 9.4 14.0#
203 21.2 13.5 20.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.027 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion:240 Resp: 5425
Ion Ratio Lower Upper
240 100
120 16.7 14.6 22.0
236 29.5 24.1 36.1





#31

Terphenyl-d14

Concen: 0.466 ng

RT: 19.717 min Scan# 2060

Delta R.T. -0.028 min

Lab File: BN036833.D

Acq: 03 Apr 2025 21:27

Instrument :

BNA_N

ClientSampleId :

MW-18B-56-040225

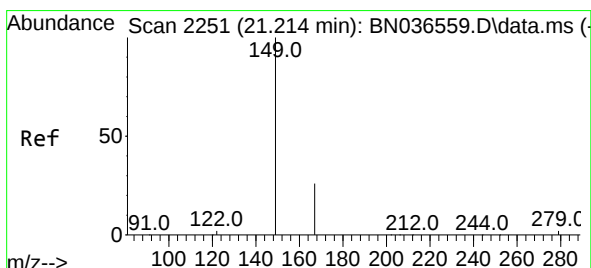
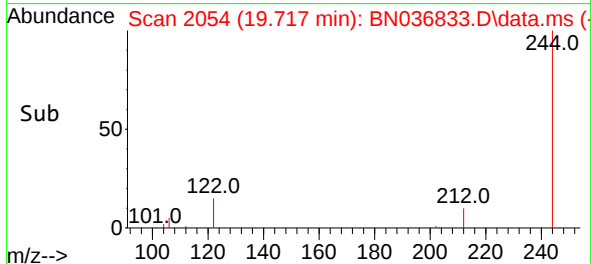
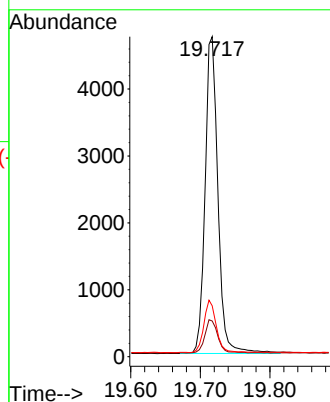
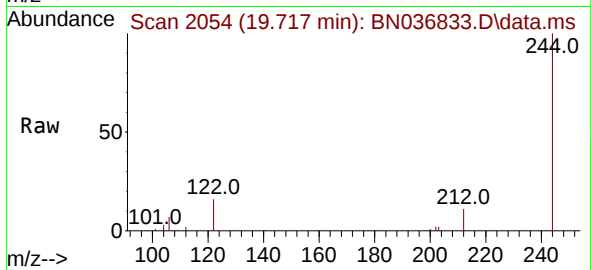
Tgt Ion:244 Resp: 6059

Ion Ratio Lower Upper

244 100

212 11.2 9.6 14.4

122 15.9 13.9 20.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

RT: 21.187 min Scan# 2248

Delta R.T. -0.027 min

Lab File: BN036833.D

Acq: 03 Apr 2025 21:27

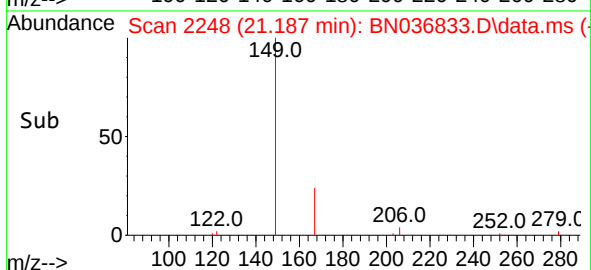
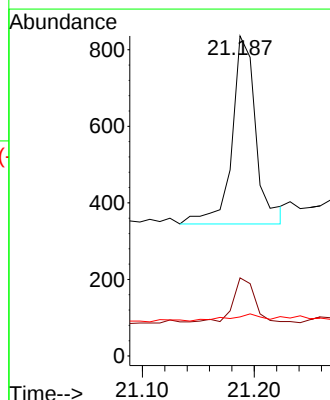
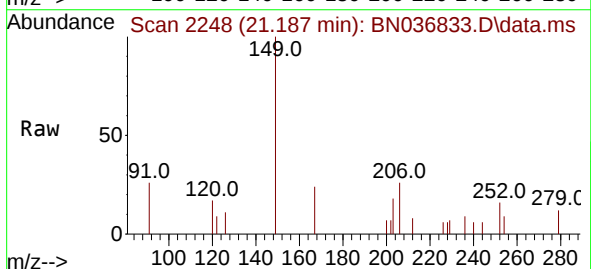
Tgt Ion:149 Resp: 731

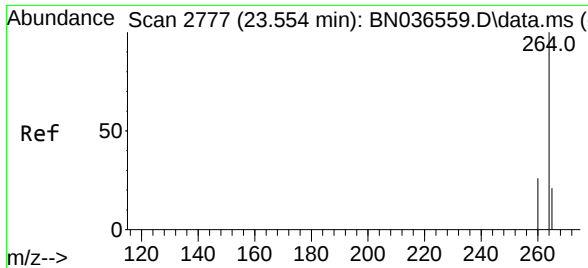
Ion Ratio Lower Upper

149 100

167 22.2 20.7 31.1

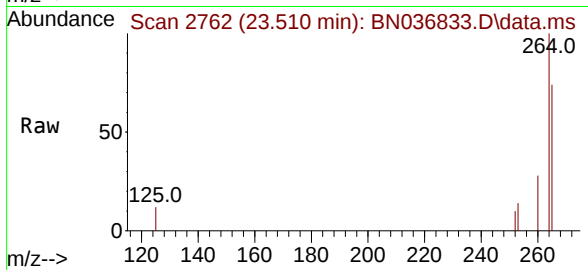
279 5.3 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.510 min Scan# 21
 Delta R.T. -0.044 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-56-040225



Tgt Ion:264 Resp: 5096
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.6 33.8
 265 74.0 88.1 132.1#

