

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)

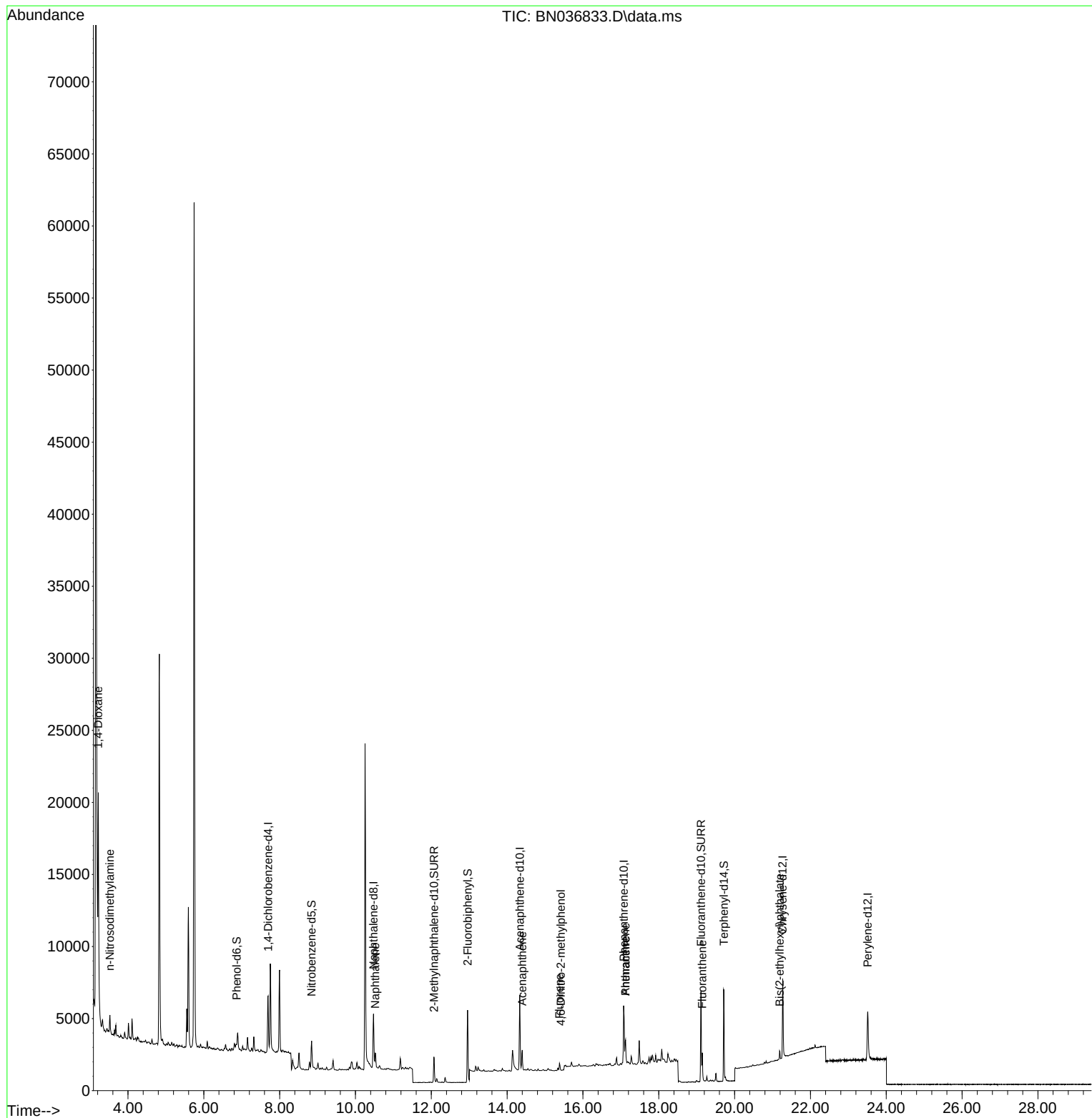
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1921	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4919	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2872	0.400	ng	-0.03
19) Phenanthrene-d10	17.074	188	6163	0.400	ng	#-0.04
29) Chrysene-d12	21.268	240	5425	0.400	ng	-0.03
35) Perylene-d12	23.510	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
3) n-Nitrosodimethylamine	3.521	42	285	0.066	ng	# 21
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
20) 4,6-Dinitro-2-methylph...	15.414	198	6	0.150	ng	# 1
25) Phenanthrene	17.124	178	1945	0.105	ng	99
26) Anthracene	17.124	178	1917	0.115	ng	97
28) Fluoranthene	19.146	202	690	0.033	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.187	149	731	0.054	ng	93

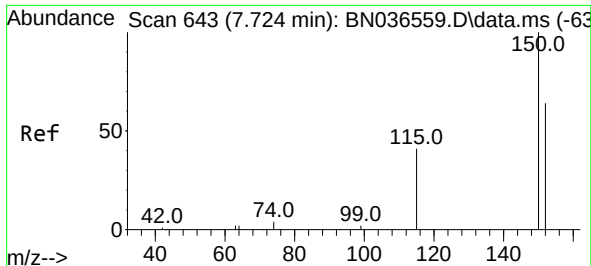
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
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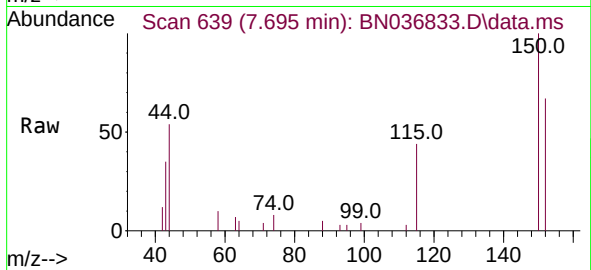
Quant Time: Apr 04 00:57:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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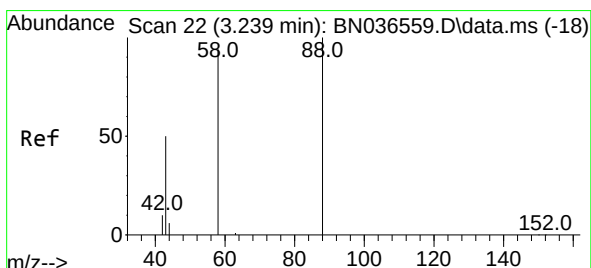
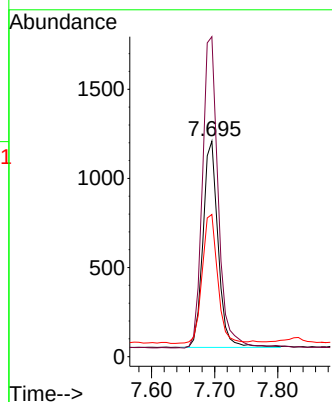
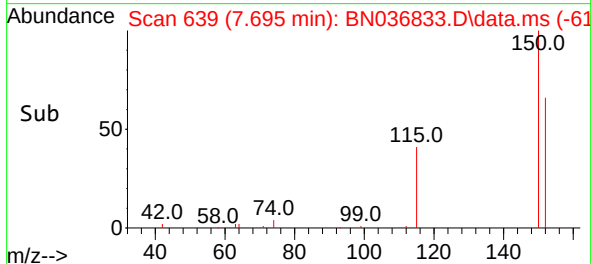


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

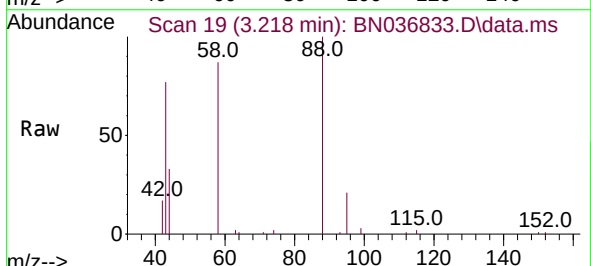
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 MW-18B-56-040225



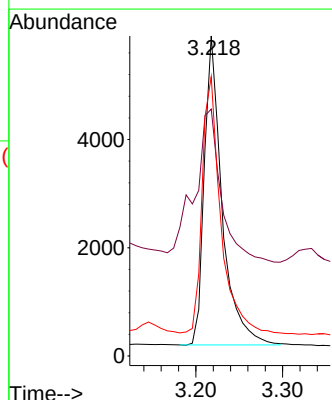
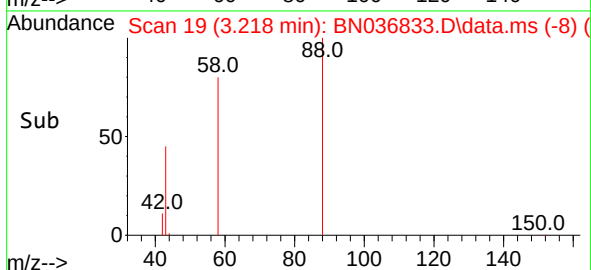
Tgt Ion:152 Resp: 1921
 Ion Ratio Lower Upper
 152 100
 150 148.5 123.7 185.5
 115 66.0 54.3 81.5

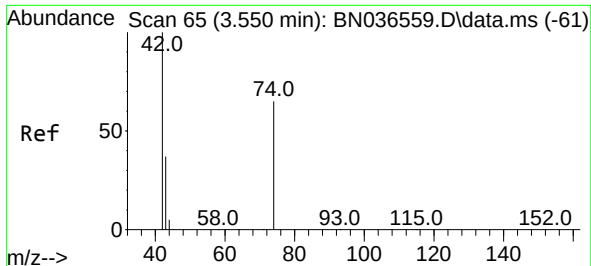


#2
 1,4-Dioxane
 Concen: 3.834 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27



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

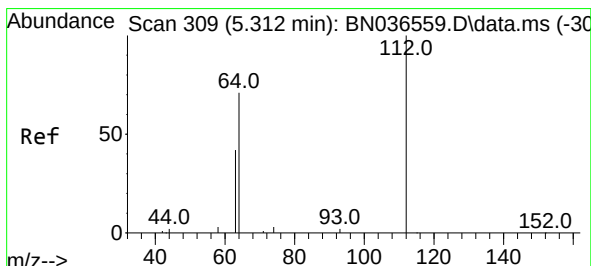
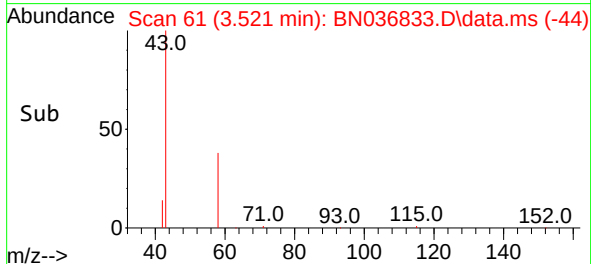
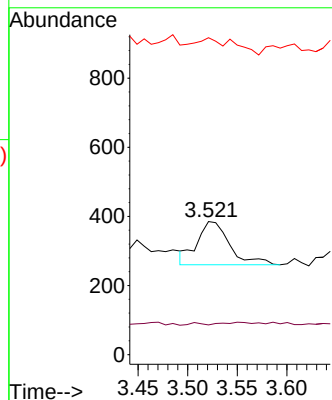
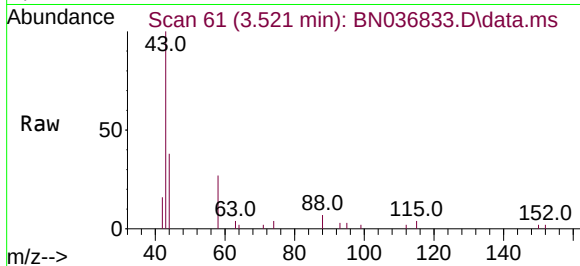




#3
 n-Nitrosodimethylamine
 Concen: 0.066 ng
 RT: 3.521 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

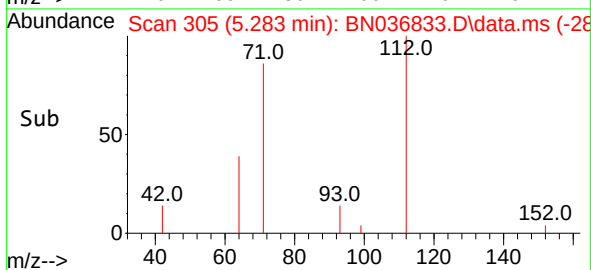
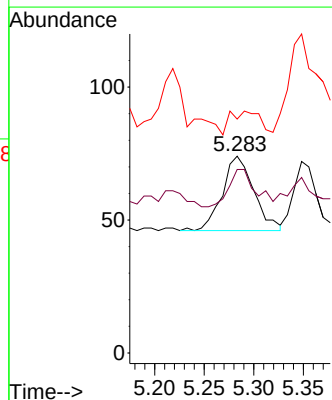
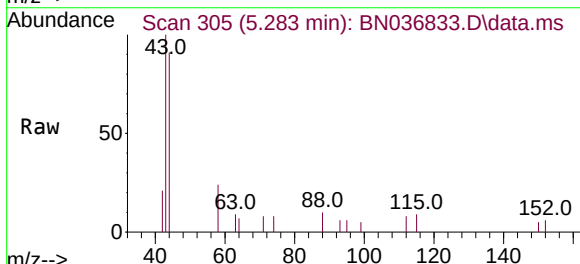
Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-56-040225

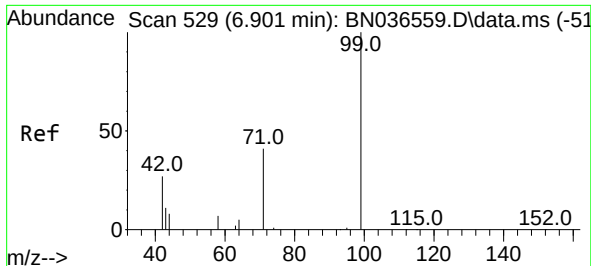
Tgt Ion: 42 Resp: 285
 Ion Ratio Lower Upper
 42 100
 74 2.1 60.6 90.8#
 44 11.2 6.3 9.5#



#4
 2-Fluorophenol
 Concen: 0.014 ng
 RT: 5.283 min Scan# 305
 Delta R.T. -0.029 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

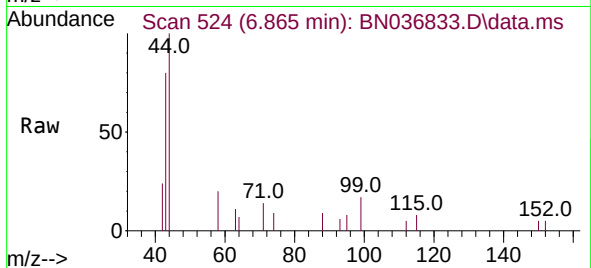
Tgt Ion: 112 Resp: 62
 Ion Ratio Lower Upper
 112 100
 64 41.9 53.1 79.7#
 63 30.6 31.8 47.8#



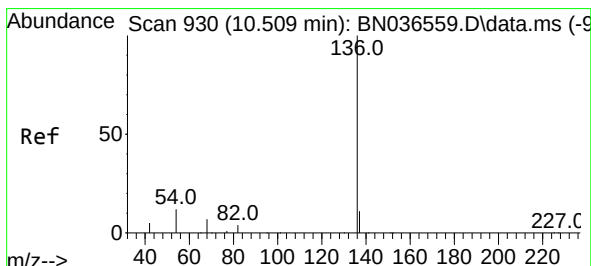
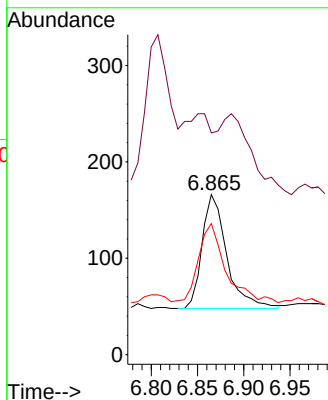
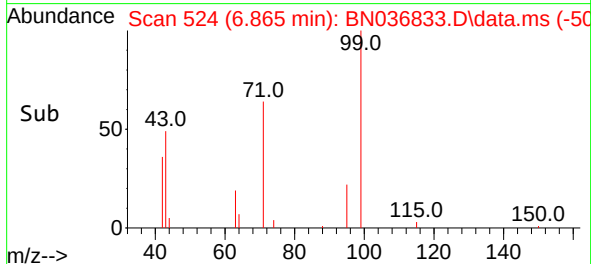


#5
Phenol-d6
Concen: 0.040 ng
RT: 6.865 min Scan# 51
Delta R.T. -0.036 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

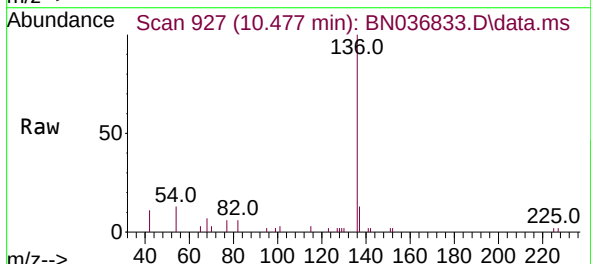
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225



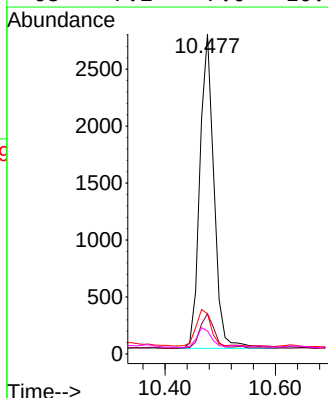
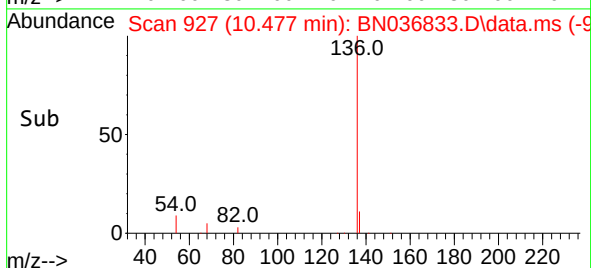
Tgt Ion: 99 Resp: 219
Ion Ratio Lower Upper
99 100
42 0.0 26.5 39.7#
71 80.8 34.1 51.1#

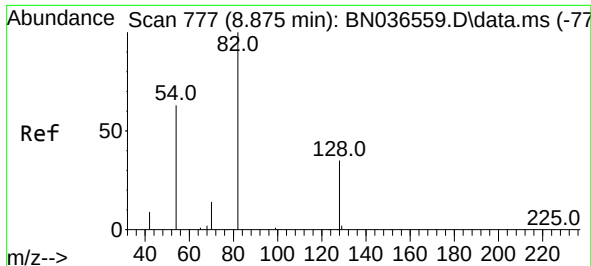


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.032 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27



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

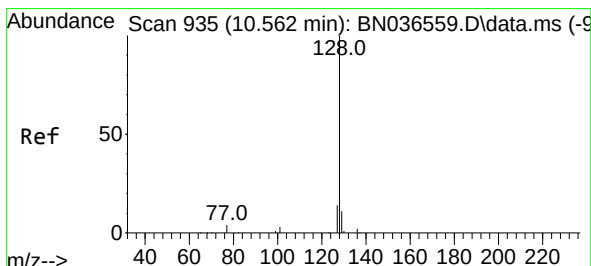
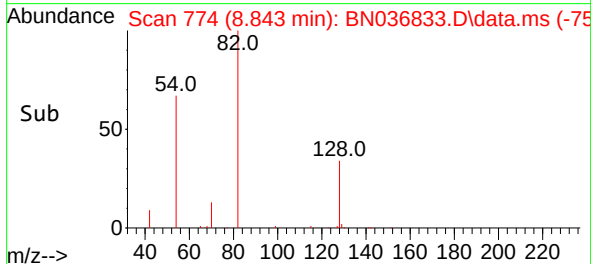
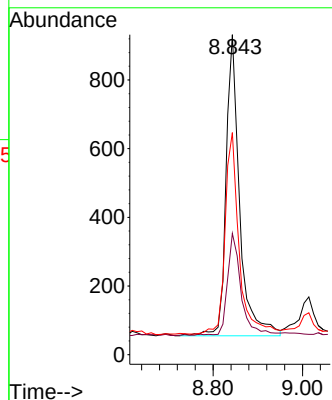
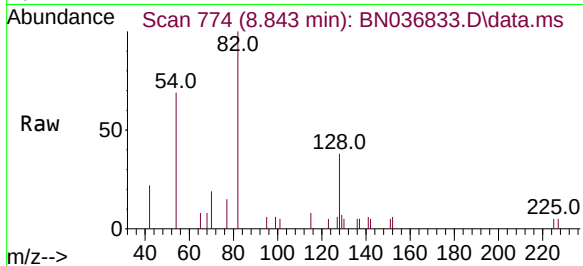




#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.843 min Scan# 71
Delta R.T. -0.032 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

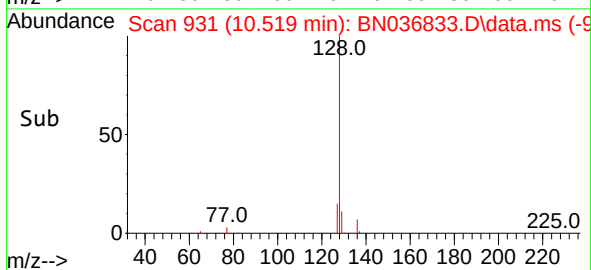
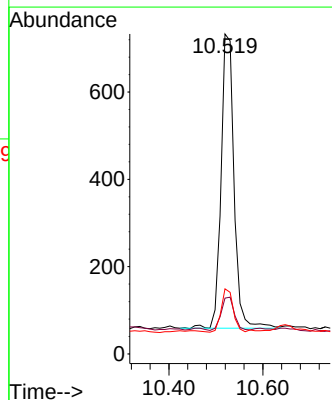
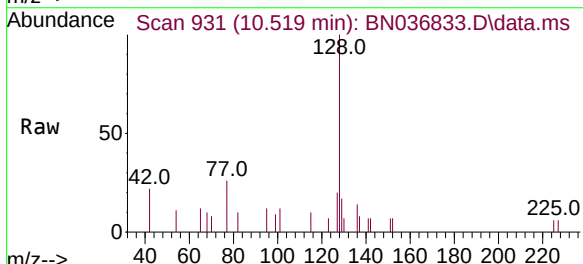
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MW-18B-56-040225

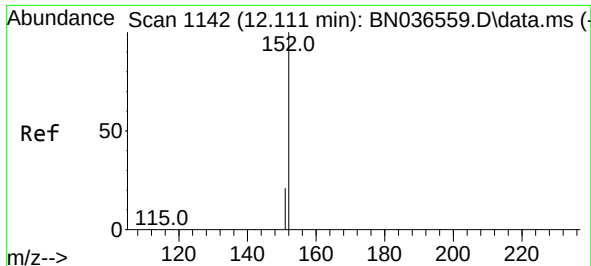
Tgt Ion: 82 Resp: 1856
Ion Ratio Lower Upper
82 100
128 37.9 30.6 45.8
54 69.4 52.2 78.4



#9
Naphthalene
Concen: 0.089 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.043 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

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#

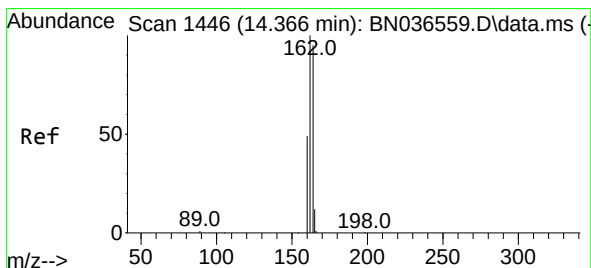
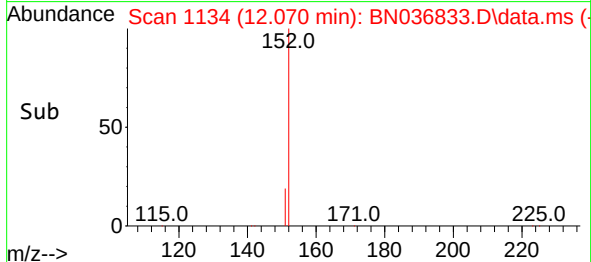
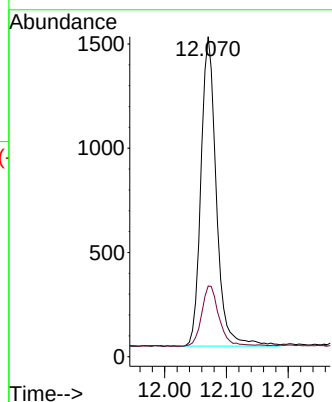
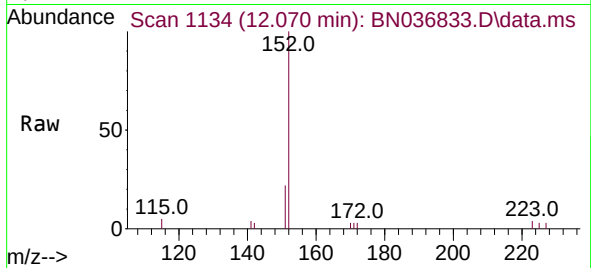




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.070 min Scan# 1142
Delta R.T. -0.040 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

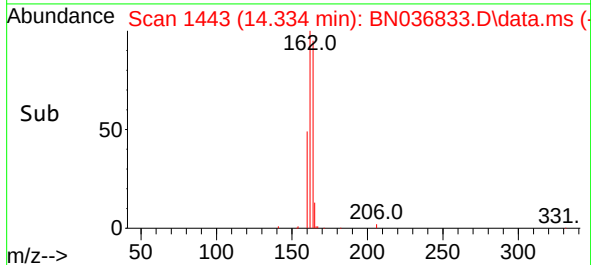
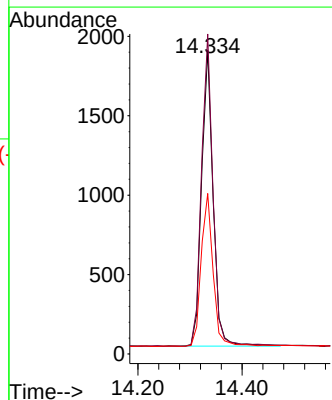
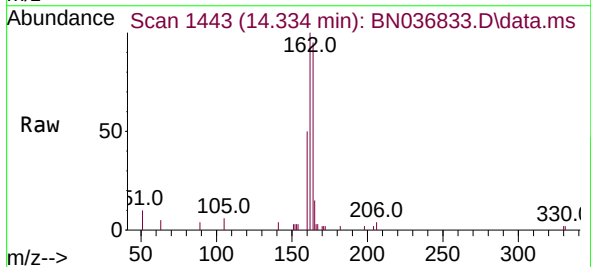
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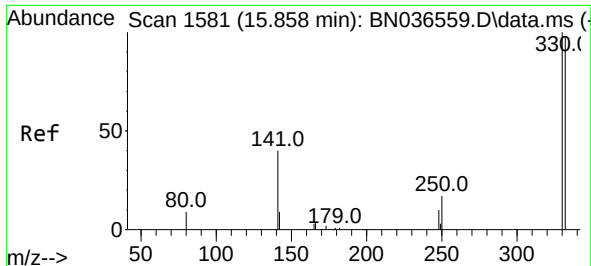
Tgt Ion:152 Resp: 2569
Ion Ratio Lower Upper
152 100
151 22.0 17.0 25.6



#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

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

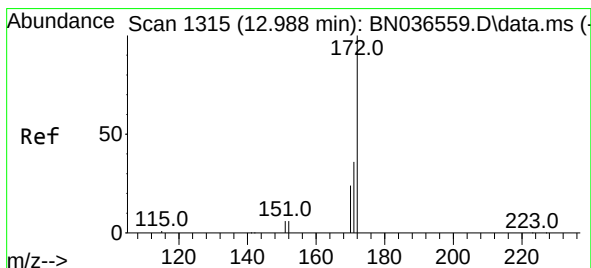
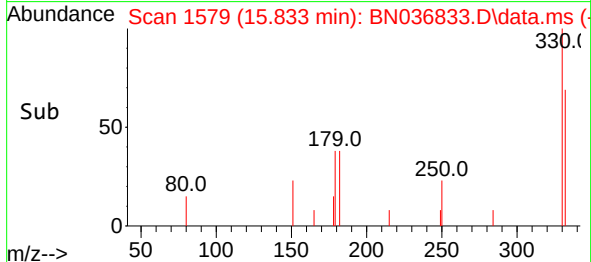
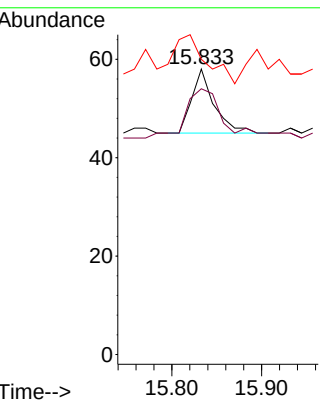
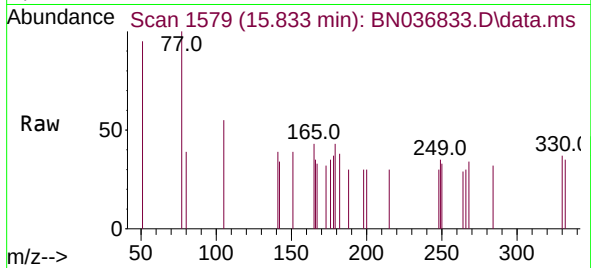




#14
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

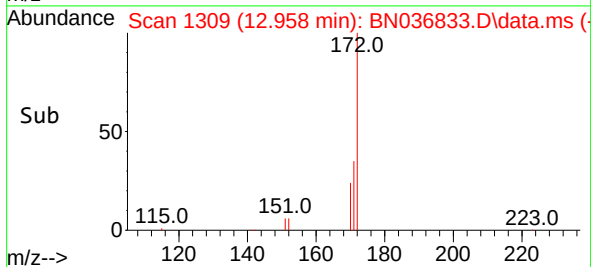
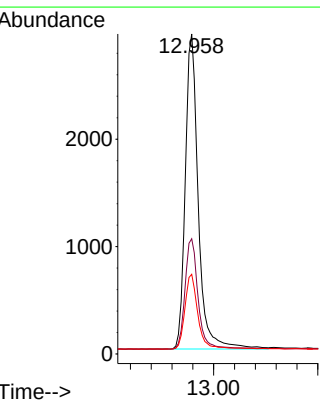
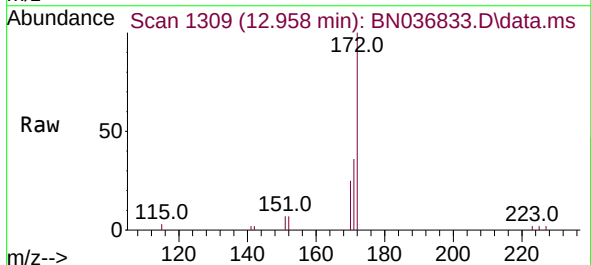
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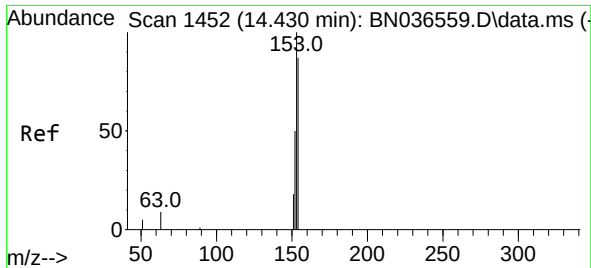
Tgt Ion:330 Resp: 22
Ion Ratio Lower Upper
330 100
332 136.4 75.2 112.8#
141 118.2 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.030 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

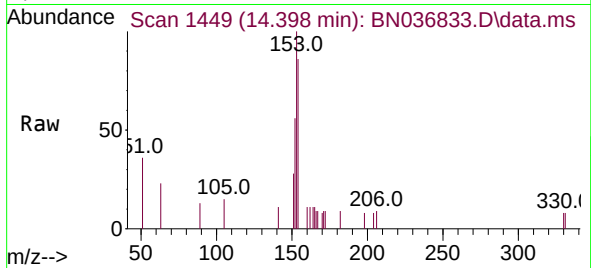
Tgt Ion:172 Resp: 6752
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 24.9 20.2 30.4



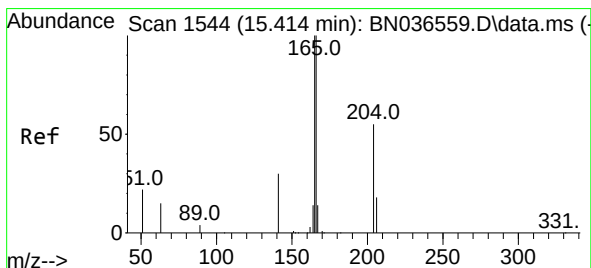
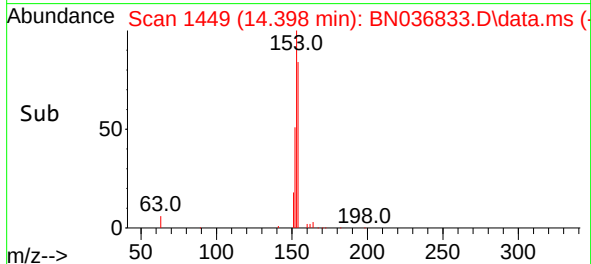
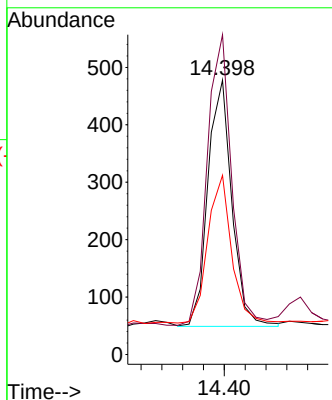


#17
Acenaphthene
Concen: 0.077 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.032 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

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

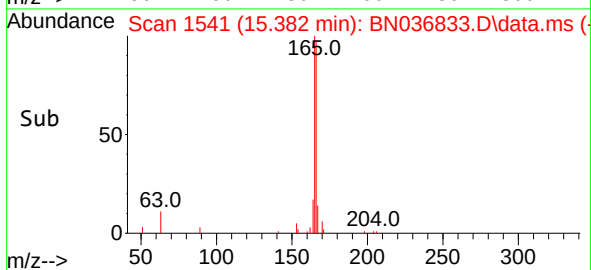
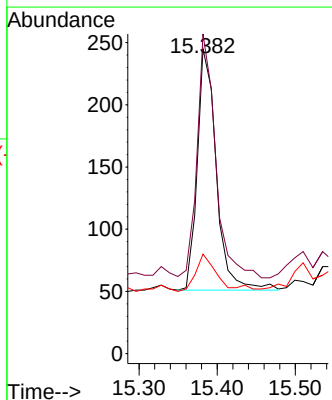
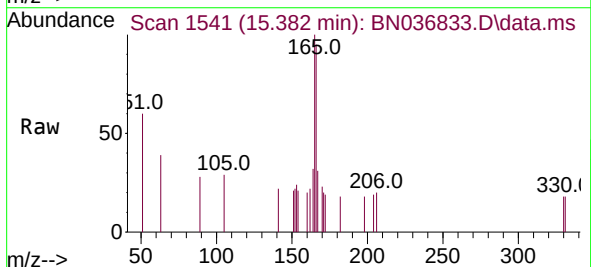


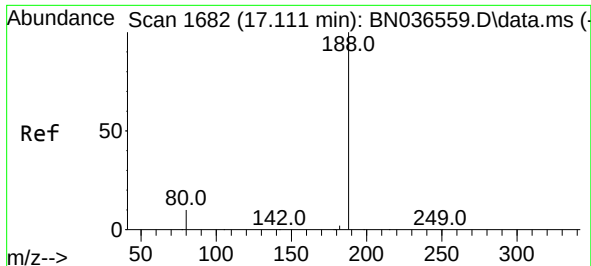
Tgt Ion:	154	Resp:	686
Ion	Ratio	Lower	Upper
154	100		
153	119.8	94.1	141.1
152	60.9	49.8	74.6



#18
Fluorene
Concen: 0.027 ng
RT: 15.382 min Scan# 1541
Delta R.T. -0.032 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

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

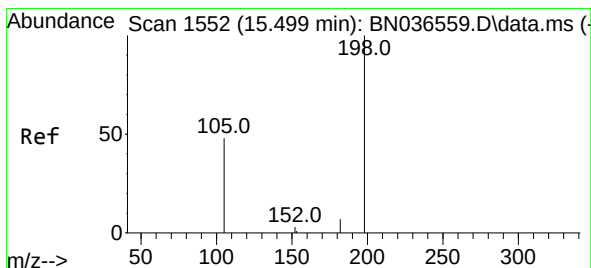
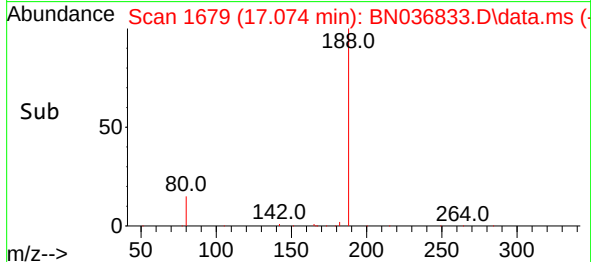
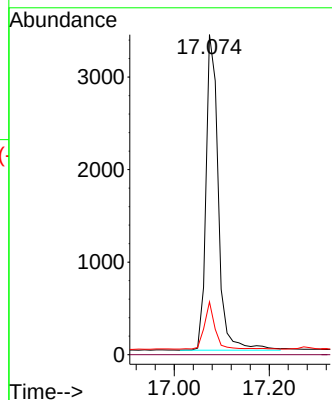
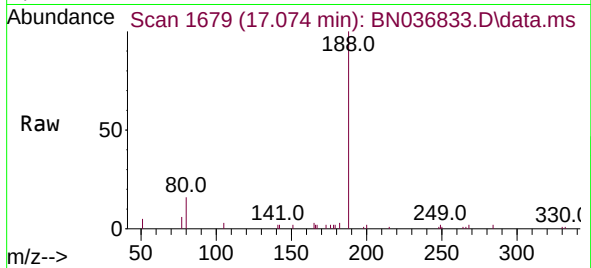




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

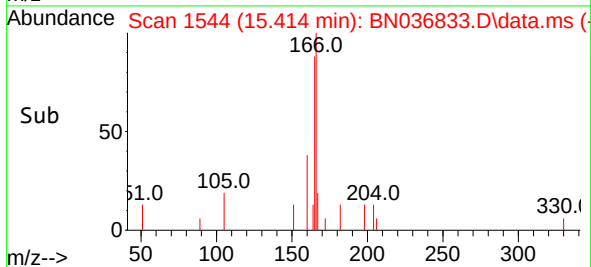
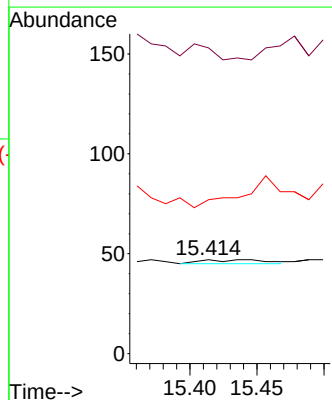
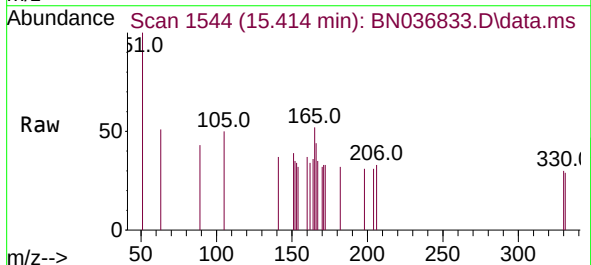
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225

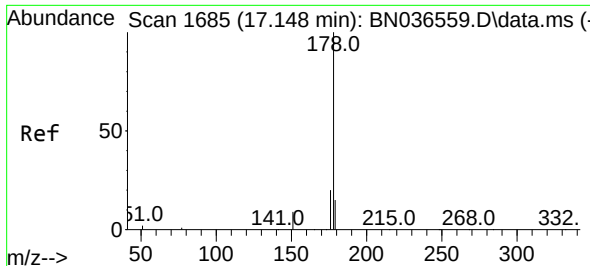
Tgt Ion:188 Resp: 6163
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.5 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.414 min Scan# 1544
Delta R.T. -0.085 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 325.5 107.9 161.9#
105 163.8 56.2 84.2#

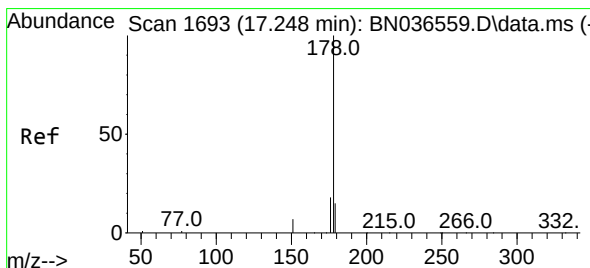
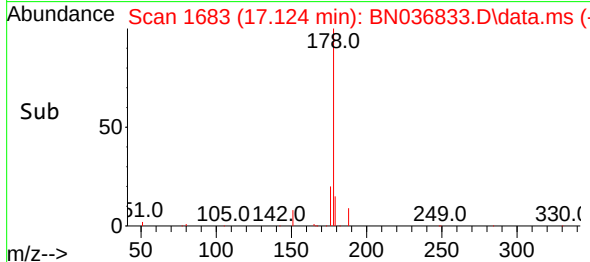
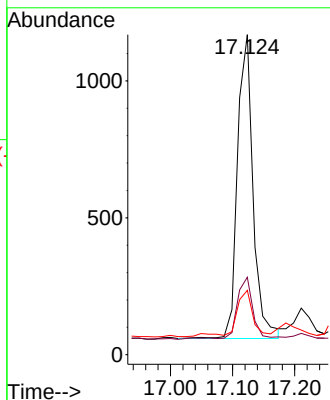
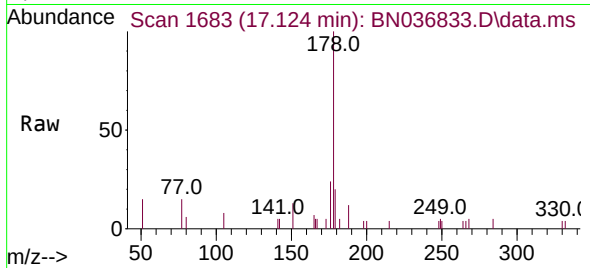




#25
Phenanthrene
Concen: 0.105 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.025 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

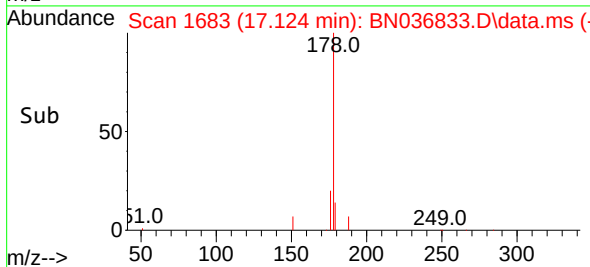
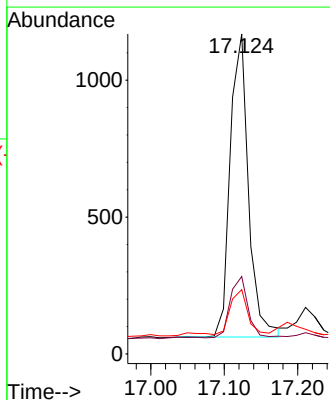
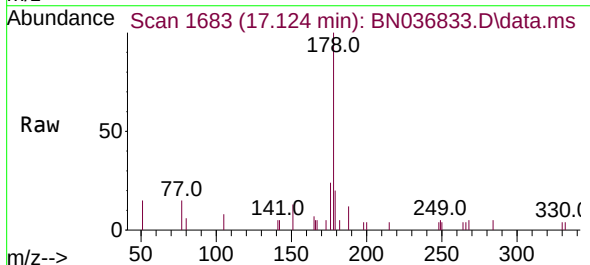
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225

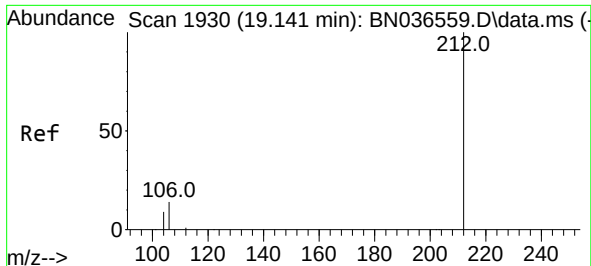
Tgt Ion:178 Resp: 1945
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 14.4 12.2 18.4



#26
Anthracene
Concen: 0.115 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.124 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

Tgt Ion:178 Resp: 1917
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 14.1 12.6 18.8

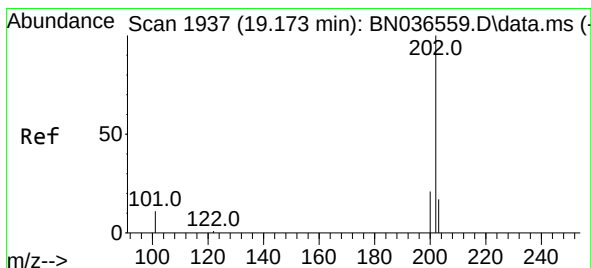
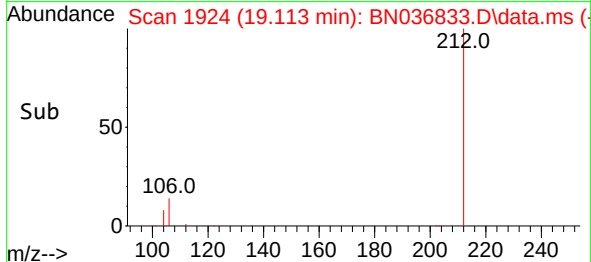
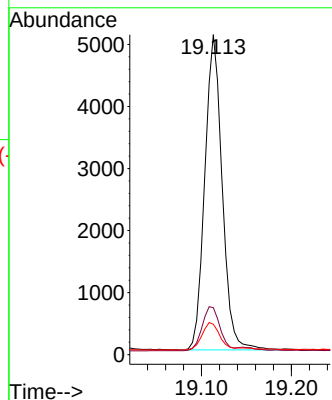
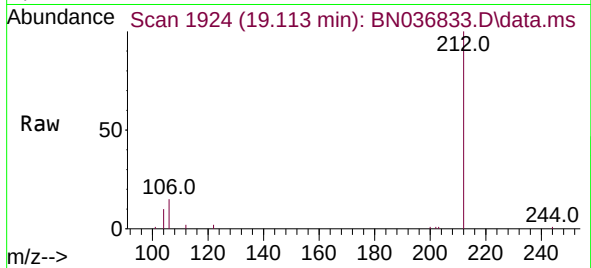




#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.113 min Scan# 1913
Delta R.T. -0.028 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

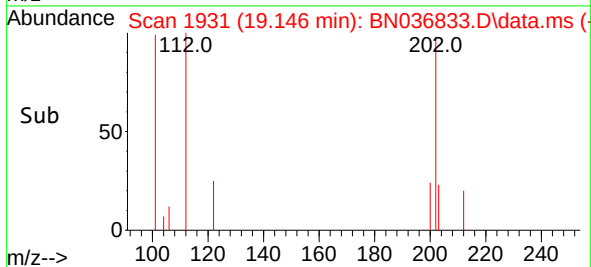
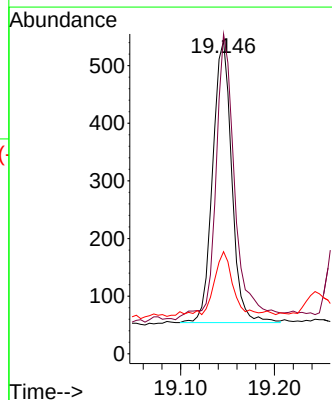
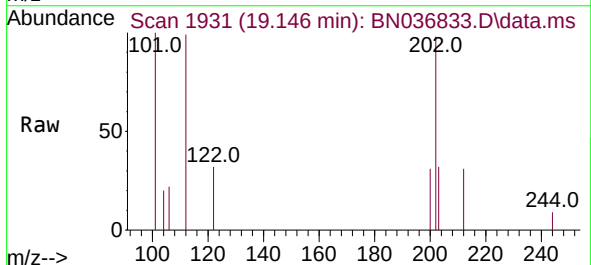
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225

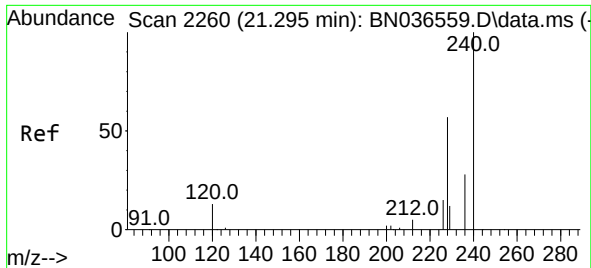
Tgt Ion:212 Resp: 6838
Ion Ratio Lower Upper
212 100
106 14.3 11.8 17.6
104 8.9 7.3 10.9



#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

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#

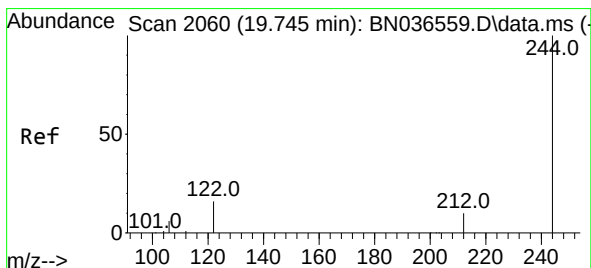
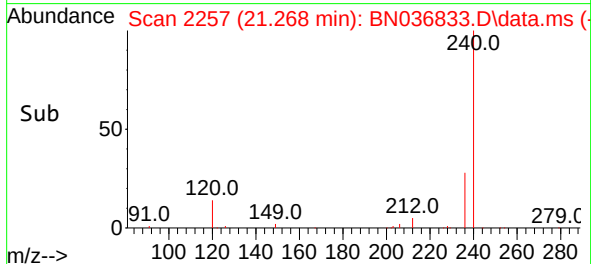
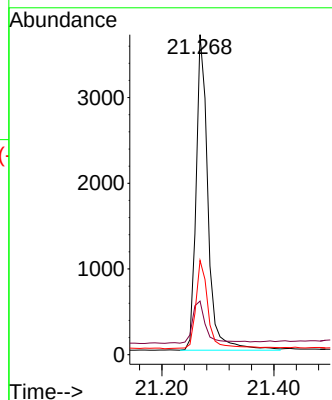
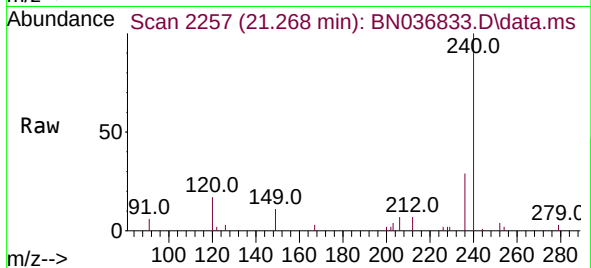




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.027 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

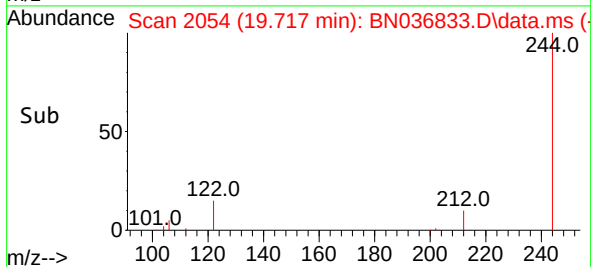
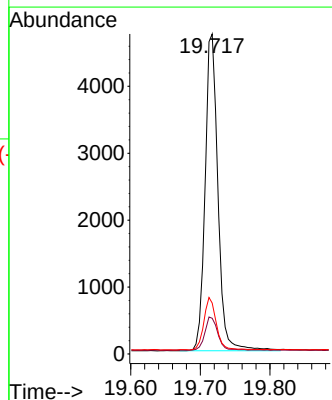
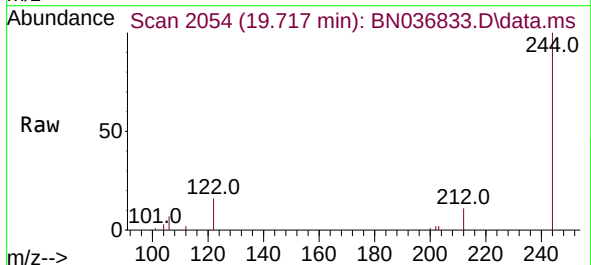
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-040225

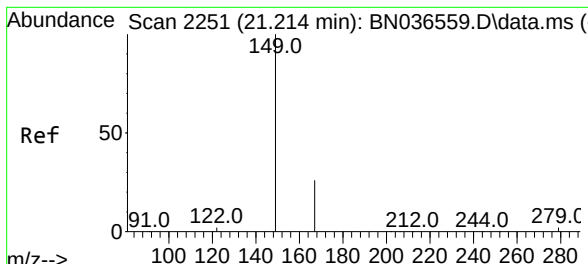
Tgt Ion:240 Resp: 5425
Ion Ratio Lower Upper
240 100
120 16.7 14.6 22.0
236 29.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.466 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036833.D
Acq: 03 Apr 2025 21:27

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

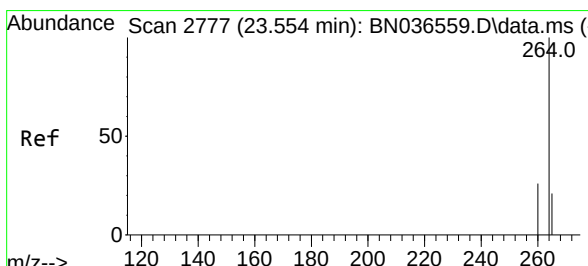
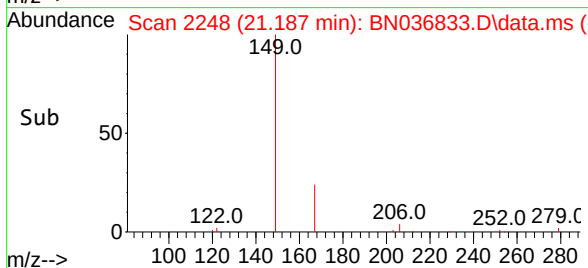
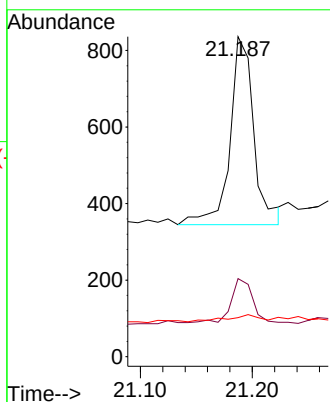
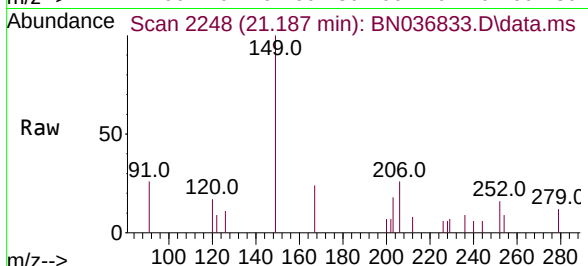




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.187 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

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

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# 2762
 Delta R.T. -0.044 min
 Lab File: BN036833.D
 Acq: 03 Apr 2025 21:27

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

