

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036825.D
 Acq On : 03 Apr 2025 16:38
 Operator : RC/JU
 Sample : Q1697-01DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-040125DL

Quant Time: Apr 03 17:02:56 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)

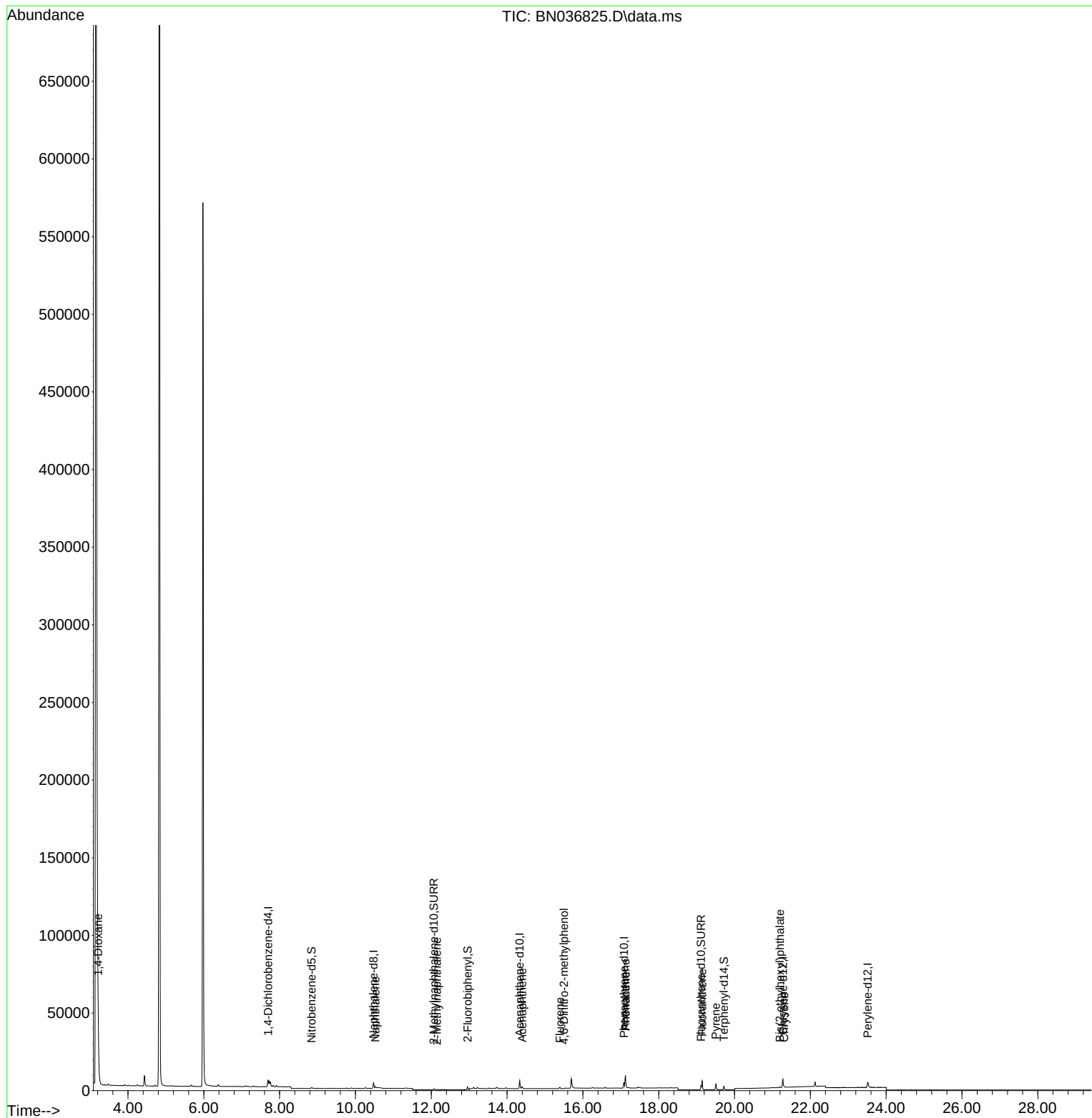
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2050	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4984	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2883	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6204	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	5510	0.400	ng	#-0.02
35) Perylene-d12	23.513	264	5286	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	25	0.005	ng	-0.02
5) Phenol-d6	6.879	99	55	0.009	ng	-0.02
8) Nitrobenzene-d5	8.843	82	709	0.131	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	1058	0.143	ng	-0.04
14) 2,4,6-Tribromophenol	15.808	330	5	0.004	ng	-0.05
15) 2-Fluorobiphenyl	12.958	172	2353	0.140	ng	-0.03
27) Fluoranthene-d10	19.113	212	3049	0.192	ng	-0.03
31) Terphenyl-d14	19.717	244	2447	0.185	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	7577	3.332	ng	97
9) Naphthalene	10.530	128	1348	0.092	ng	# 87
12) 2-Methylnaphthalene	12.146	142	195	0.021	ng	# 87
17) Acenaphthene	14.398	154	600	0.067	ng	99
18) Fluorene	15.392	166	672	0.056	ng	99
20) 4,6-Dinitro-2-methylph...	15.499	198	1	0.146	ng	# 1
25) Phenanthrene	17.124	178	9396	0.505	ng	99
26) Anthracene	17.124	178	9384	0.559	ng	99
28) Fluoranthene	19.146	202	5405	0.259	ng	99
30) Pyrene	19.508	202	3678	0.137	ng	# 93
33) Chrysene	21.313	228	464	0.022	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.196	149	690	0.051	ng	# 92

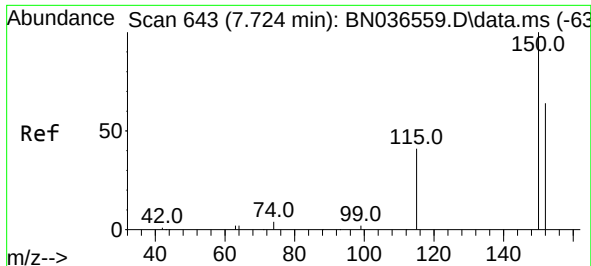
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036825.D
Acq On : 03 Apr 2025 16:38
Operator : RC/JU
Sample : Q1697-01DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

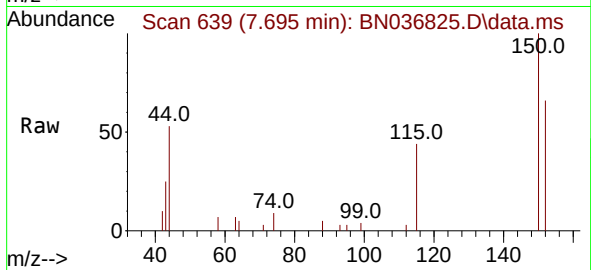
Quant Time: Apr 03 17:02:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration





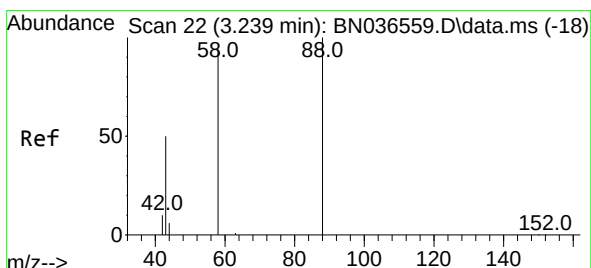
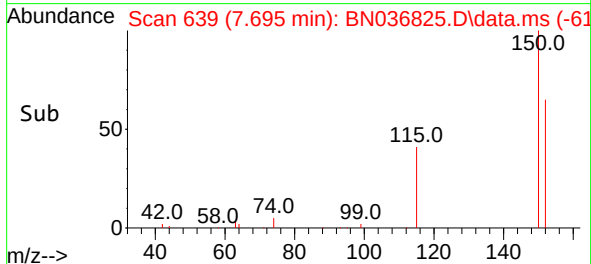
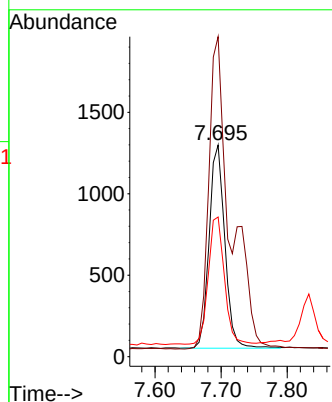
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-040125DL



Tgt Ion:152 Resp: 2050

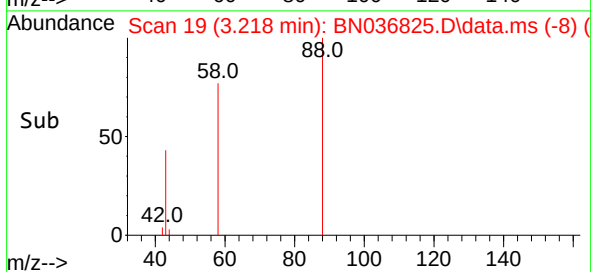
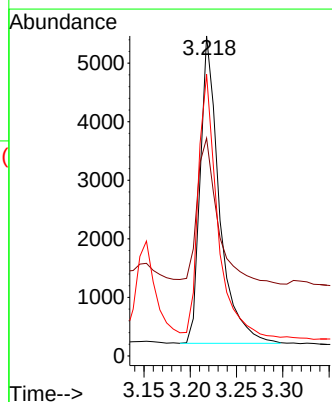
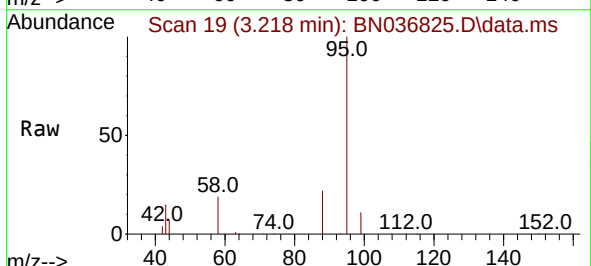
Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.7	185.5
115	66.0	54.3	81.5

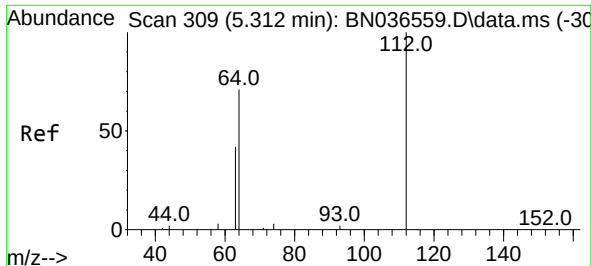


#2
 1,4-Dioxane
 Concen: 3.332 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

Tgt Ion: 88 Resp: 7577

Ion	Ratio	Lower	Upper
88	100		
43	51.1	37.8	56.8
58	85.8	67.4	101.2

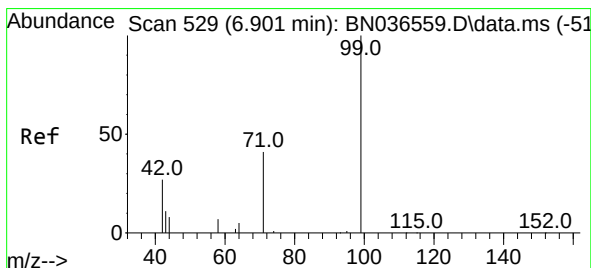
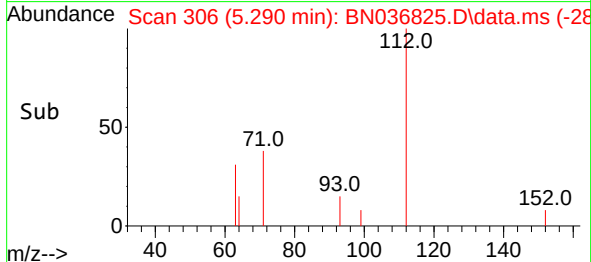
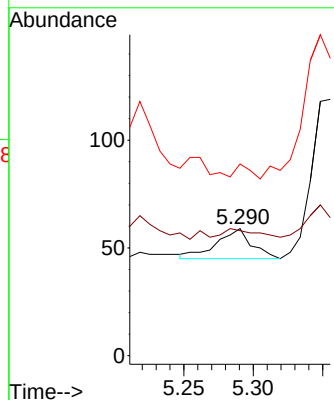
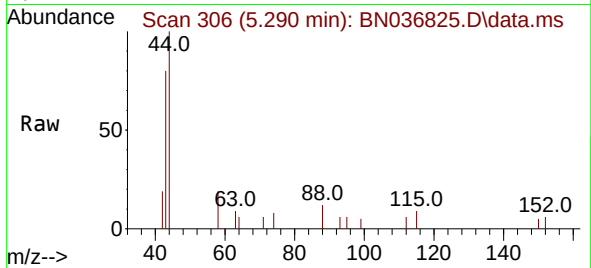




#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

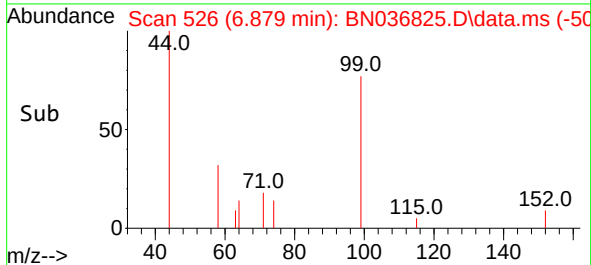
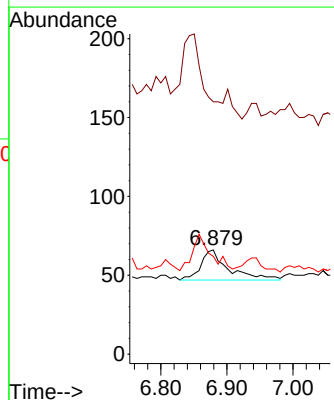
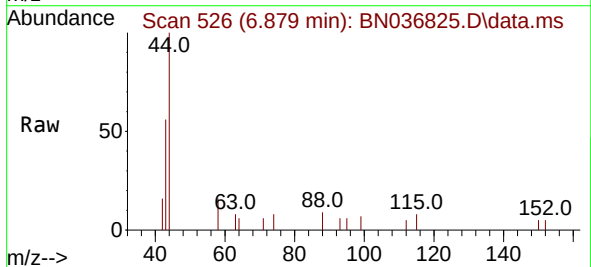
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

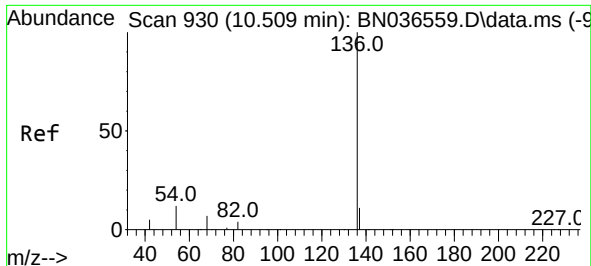
Tgt Ion:112 Resp: 25
Ion Ratio Lower Upper
112 100
64 44.0 53.1 79.7#
63 20.0 31.8 47.8#



#5
Phenol-d6
Concen: 0.009 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

Tgt Ion: 99 Resp: 55
Ion Ratio Lower Upper
99 100
42 0.0 26.5 39.7#
71 0.0 34.1 51.1#

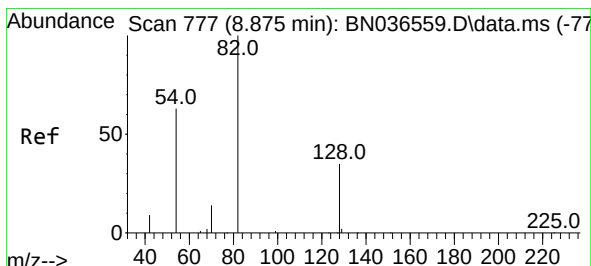
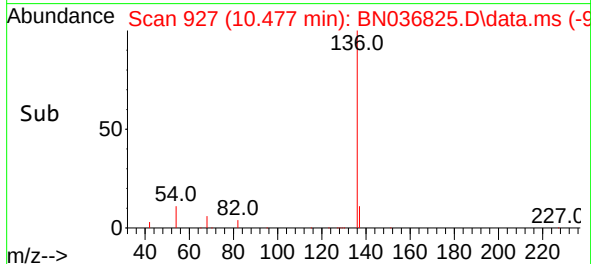
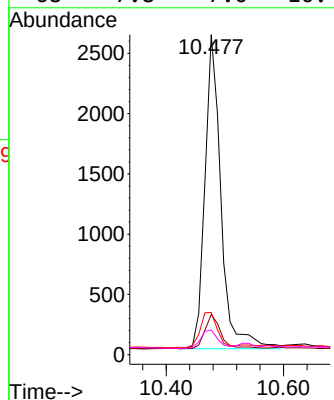
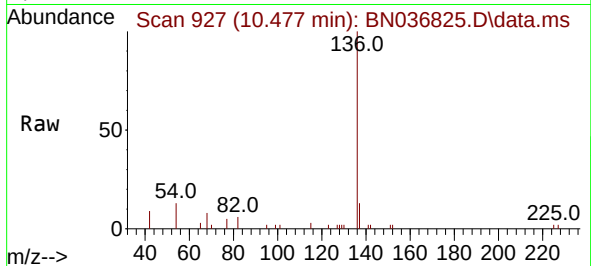




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

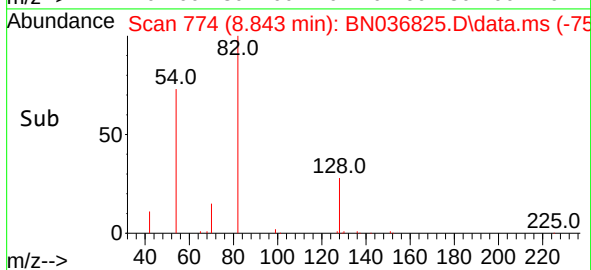
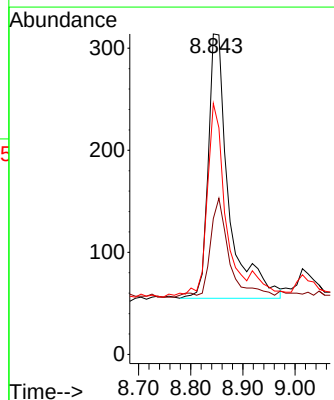
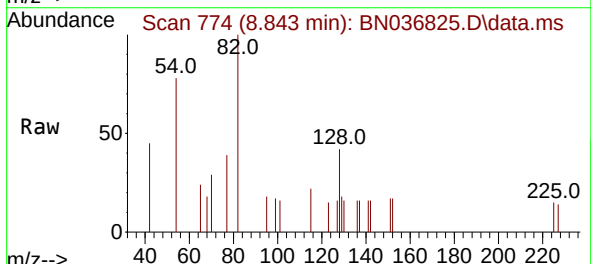
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

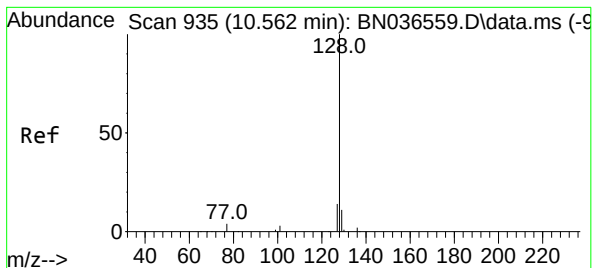
Tgt Ion:	136	Resp:	4984
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.3	15.5
54	13.2	11.5	17.3
68	7.8	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.131 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

Tgt Ion:	82	Resp:	709
Ion	Ratio	Lower	Upper
82	100		
128	42.4	30.6	45.8
54	78.3	52.2	78.4





#9

Naphthalene

Concen: 0.092 ng

RT: 10.530 min Scan# 91

Delta R.T. -0.032 min

Lab File: BN036825.D

Acq: 03 Apr 2025 16:38

Instrument :

BNA_N

ClientSampleId :

MW-19B-72-040125DL

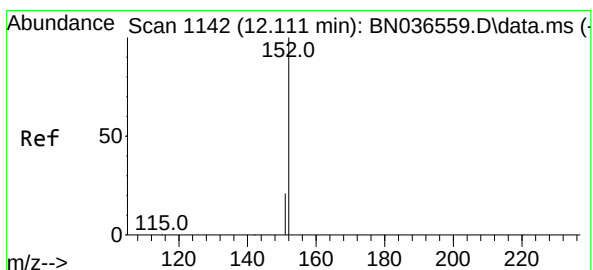
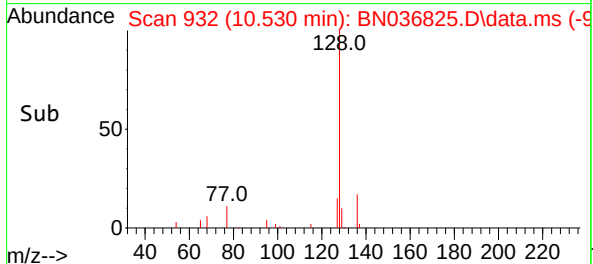
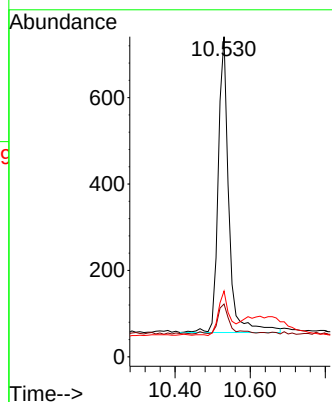
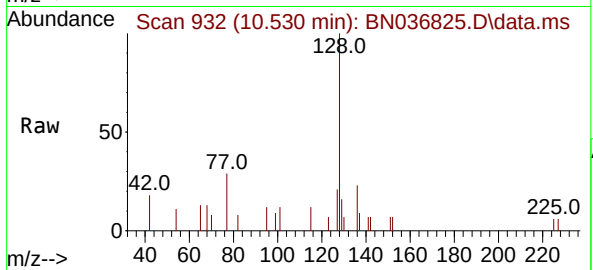
Tgt Ion:128 Resp: 1348

Ion Ratio Lower Upper

128 100

129 16.5 9.8 14.6#

127 20.5 11.8 17.8#



#11

2-Methylnaphthalene-d10

Concen: 0.143 ng

RT: 12.070 min Scan# 1134

Delta R.T. -0.040 min

Lab File: BN036825.D

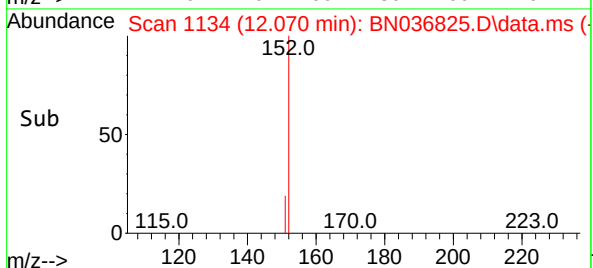
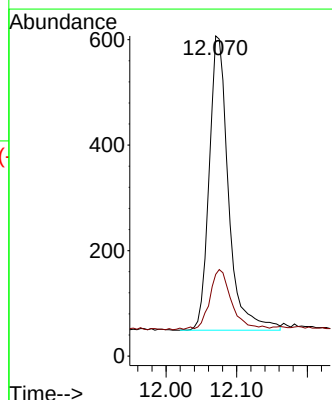
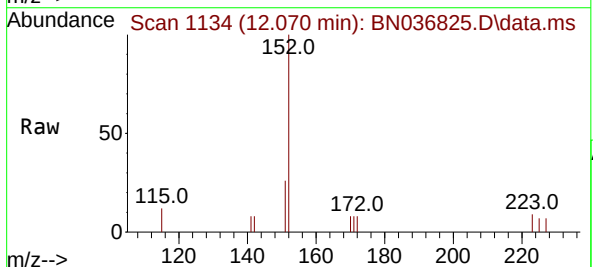
Acq: 03 Apr 2025 16:38

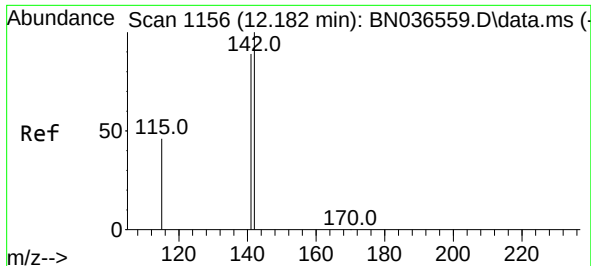
Tgt Ion:152 Resp: 1058

Ion Ratio Lower Upper

152 100

151 23.3 17.0 25.6

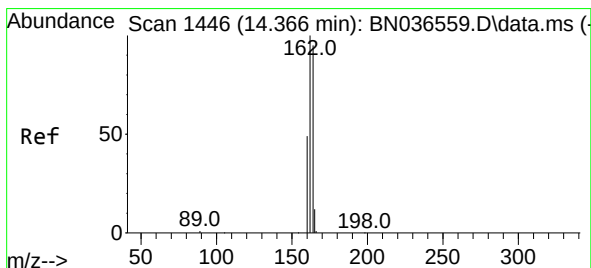
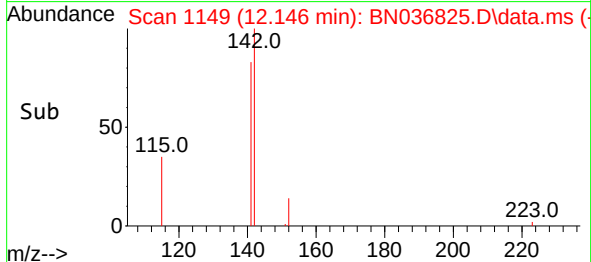
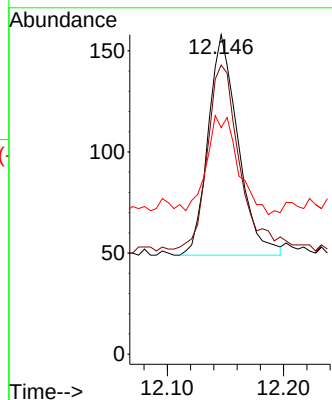
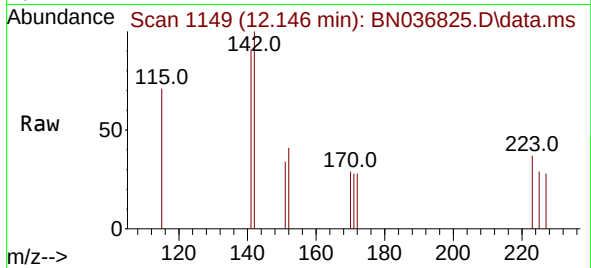




#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.146 min Scan# 1156
Delta R.T. -0.035 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

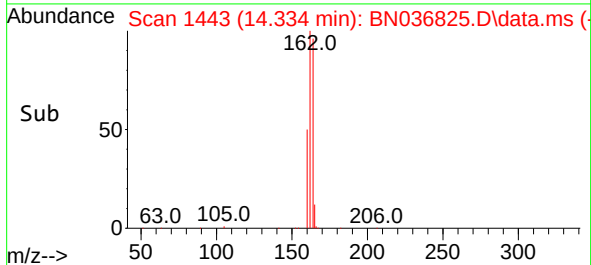
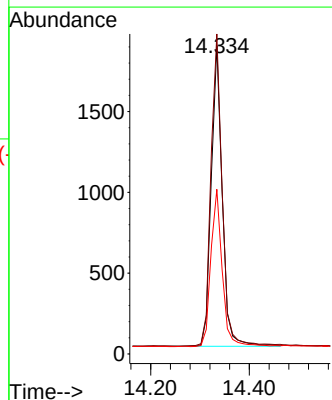
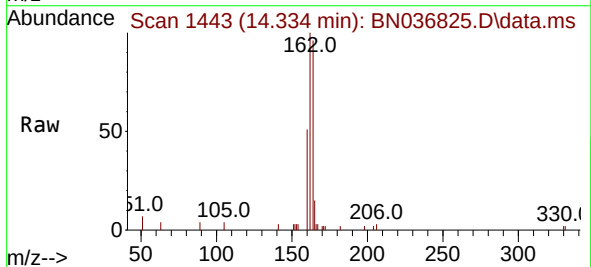
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

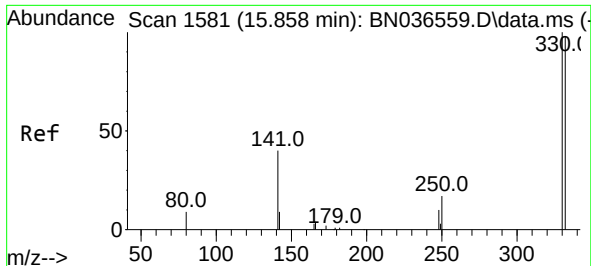
Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
141 90.5 71.7 107.5
115 70.9 38.3 57.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

Tgt Ion:164 Resp: 2883
Ion Ratio Lower Upper
164 100
162 103.7 84.2 126.2
160 53.4 42.2 63.2

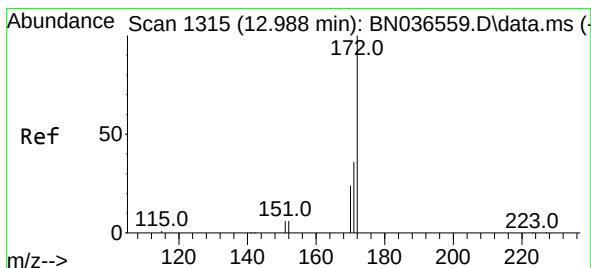
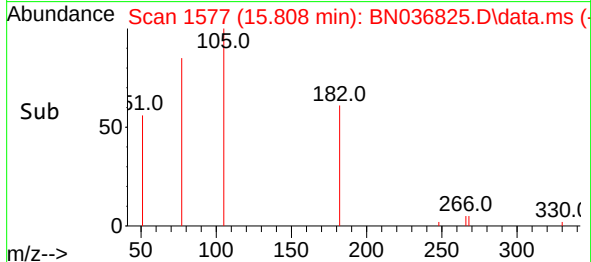
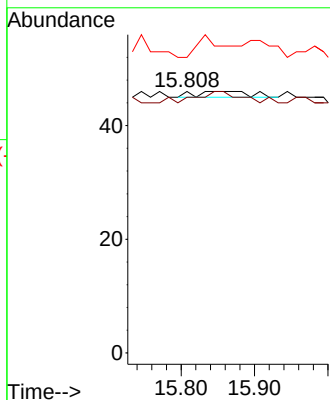
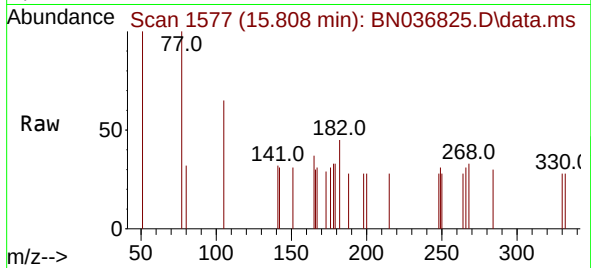




#14
2,4,6-Tribromophenol
Concen: 0.004 ng
RT: 15.808 min Scan# 11
Delta R.T. -0.050 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

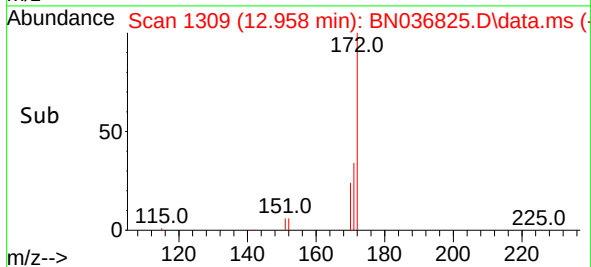
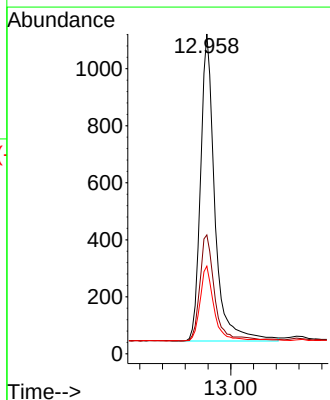
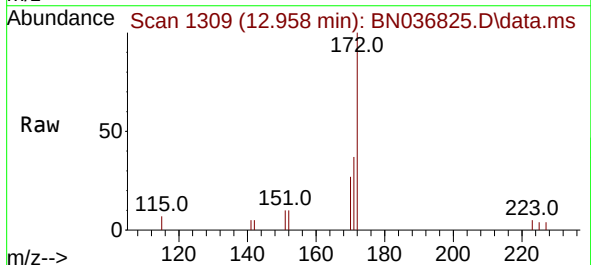
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

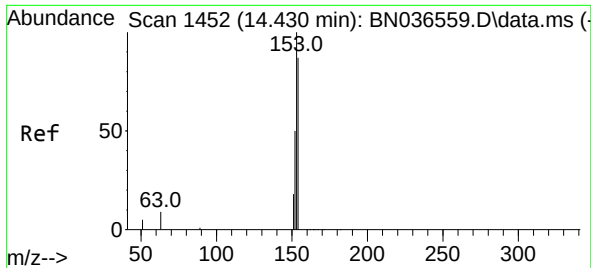
Tgt Ion:330 Resp: 5
Ion Ratio Lower Upper
330 100
332 0.0 75.2 112.8#
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.140 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.030 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

Tgt Ion:172 Resp: 2353
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 27.5 20.2 30.4

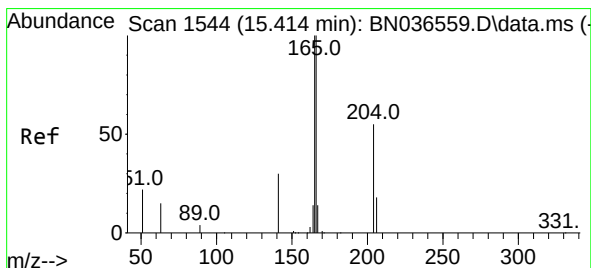
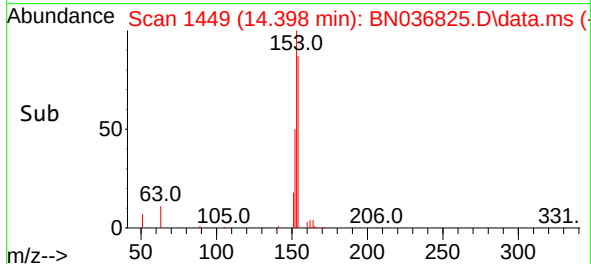
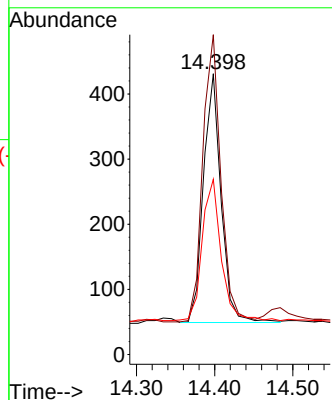
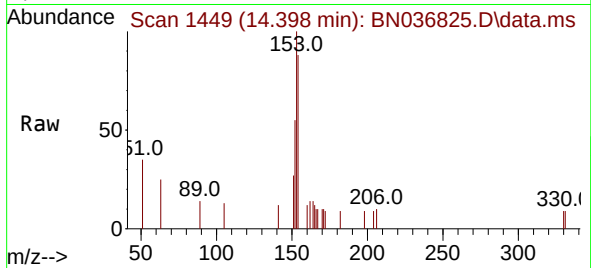




#17
Acenaphthene
Concen: 0.067 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.032 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

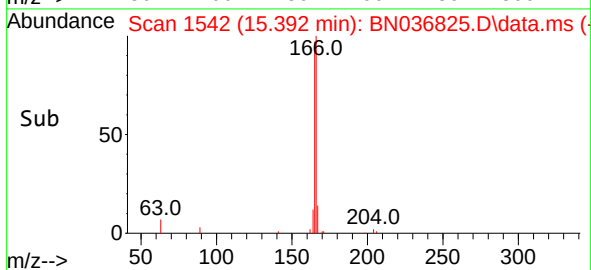
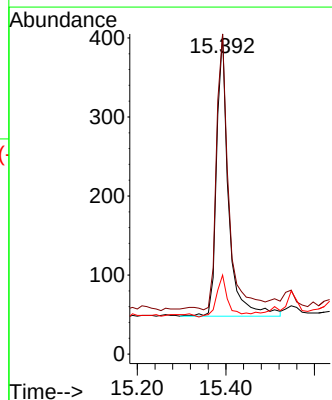
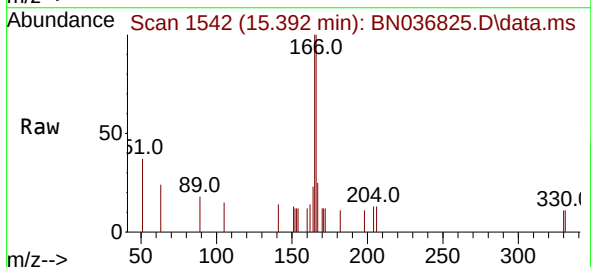
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

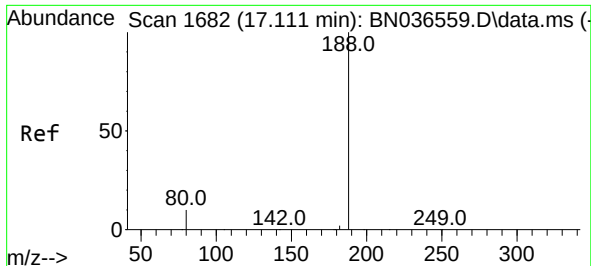
Tgt Ion:154 Resp: 600
Ion Ratio Lower Upper
154 100
153 118.0 94.1 141.1
152 61.3 49.8 74.6



#18
Fluorene
Concen: 0.056 ng
RT: 15.392 min Scan# 1542
Delta R.T. -0.021 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

Tgt Ion:166 Resp: 672
Ion Ratio Lower Upper
166 100
165 98.7 79.8 119.8
167 14.6 10.6 15.8

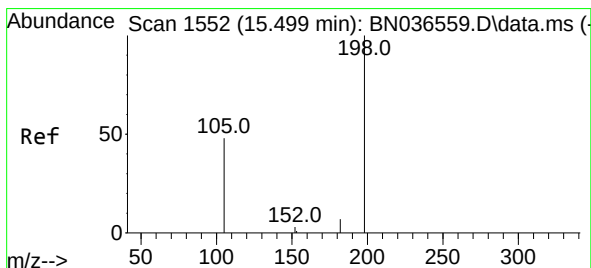
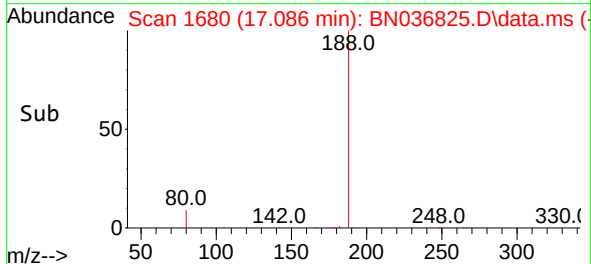
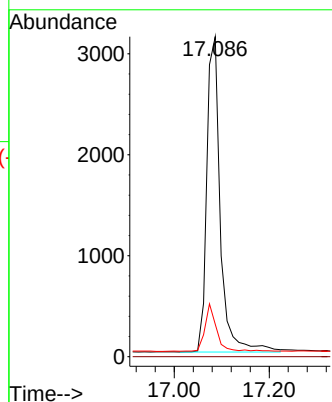
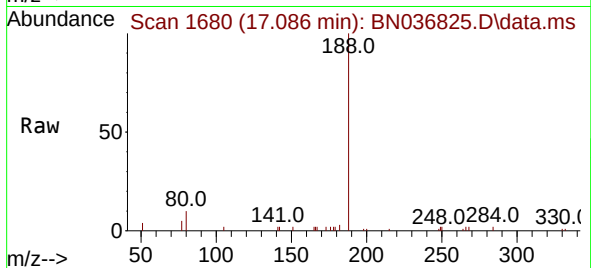




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

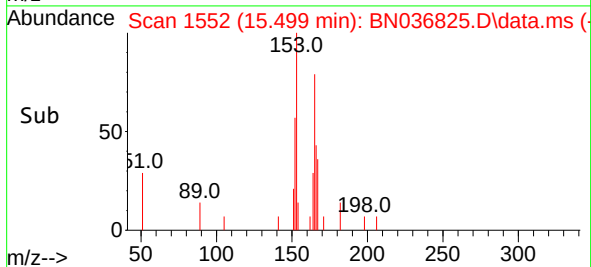
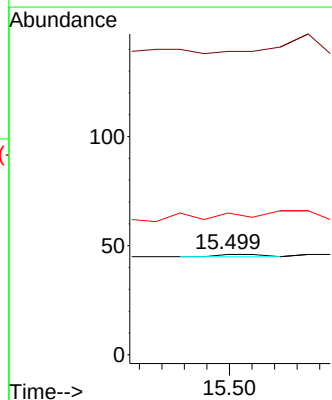
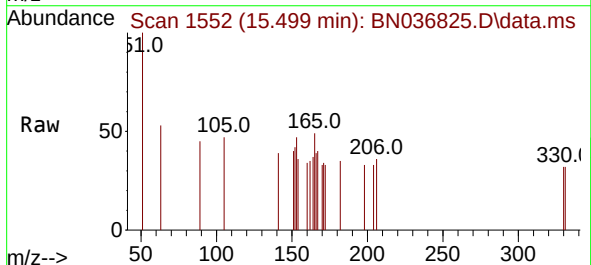
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

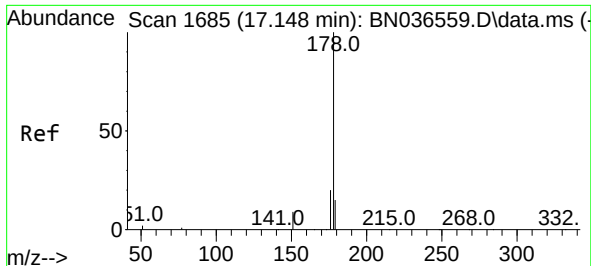
Tgt Ion:188 Resp: 6204
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.499 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 302.2 107.9 161.9#
105 141.3 56.2 84.2#

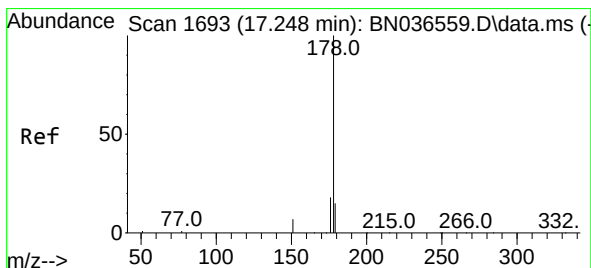
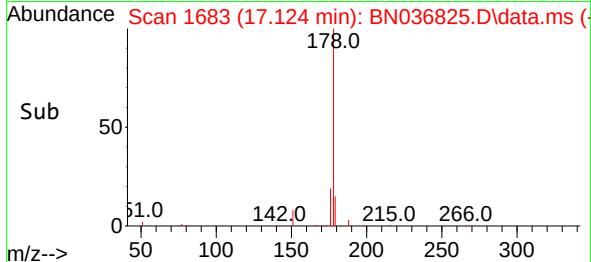
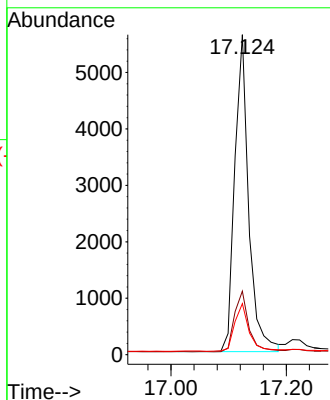
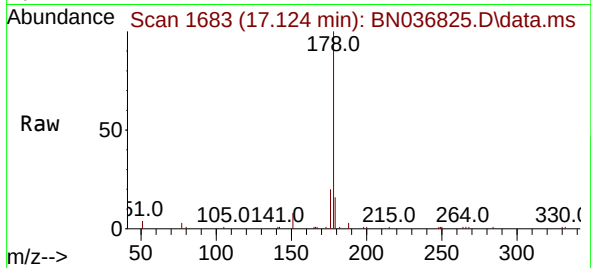




#25
Phenanthrene
Concen: 0.505 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.025 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

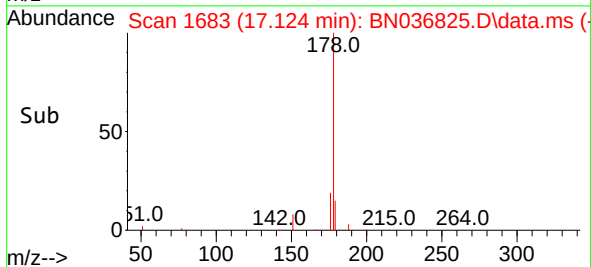
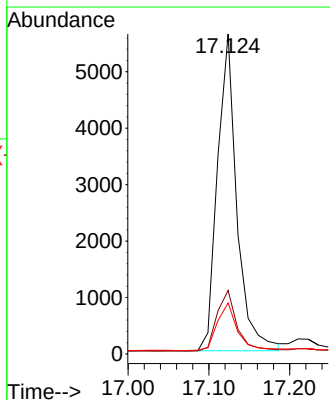
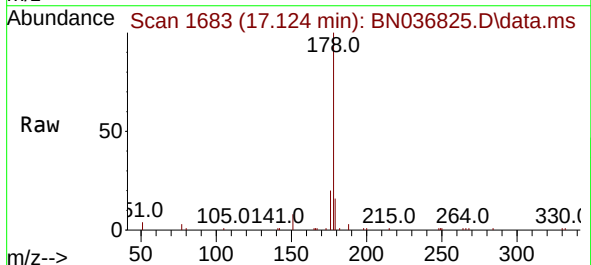
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

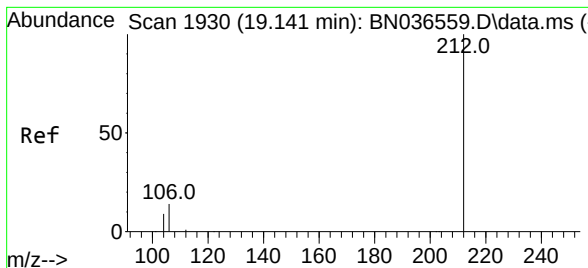
Tgt Ion:178 Resp: 9396
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.9 12.2 18.4



#26
Anthracene
Concen: 0.559 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.124 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

Tgt Ion:178 Resp: 9384
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.9 12.6 18.8





#27

Fluoranthene-d10

Concen: 0.192 ng

RT: 19.113 min Scan# 1911

Delta R.T. -0.028 min

Lab File: BN036825.D

Acq: 03 Apr 2025 16:38

Instrument :

BNA_N

ClientSampleId :

MW-19B-72-040125DL

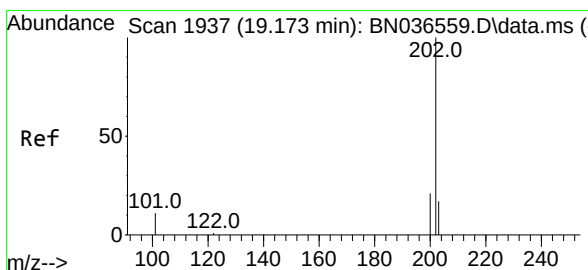
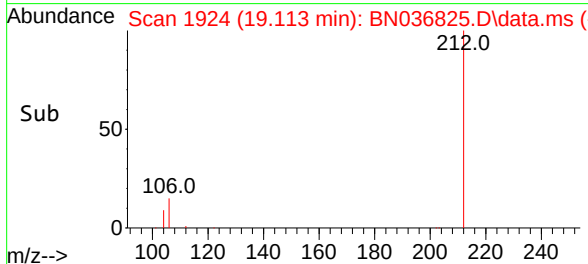
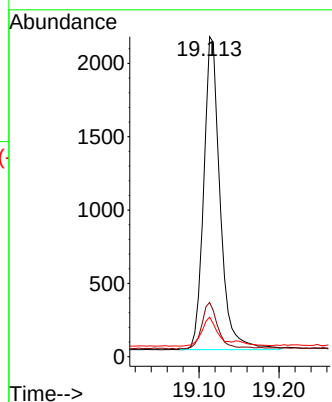
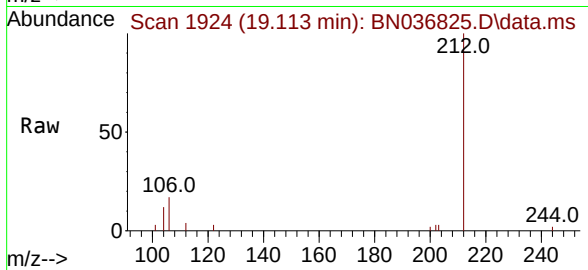
Tgt Ion:212 Resp: 3049

Ion Ratio Lower Upper

212 100

106 15.1 11.8 17.6

104 8.7 7.3 10.9



#28

Fluoranthene

Concen: 0.259 ng

RT: 19.146 min Scan# 1931

Delta R.T. -0.028 min

Lab File: BN036825.D

Acq: 03 Apr 2025 16:38

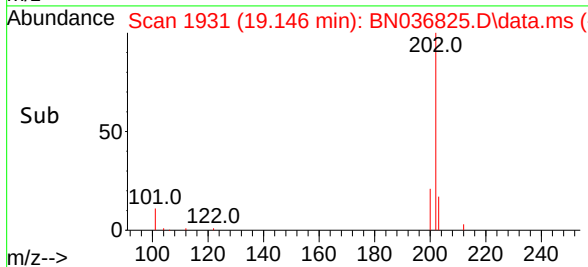
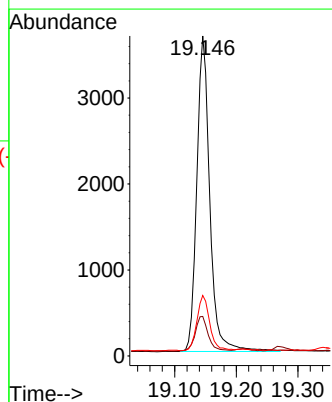
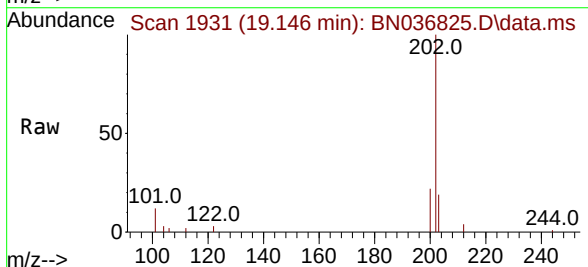
Tgt Ion:202 Resp: 5405

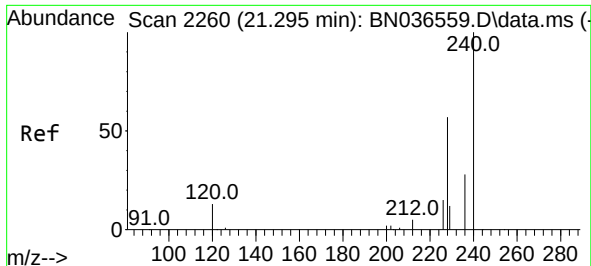
Ion Ratio Lower Upper

202 100

101 11.1 9.4 14.0

203 17.3 13.5 20.3

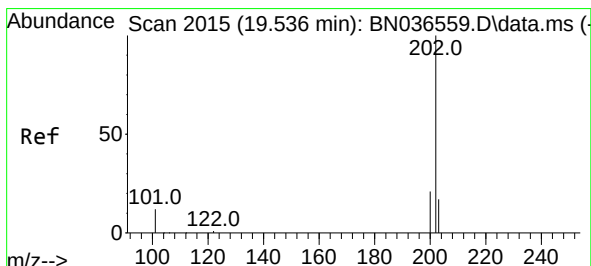
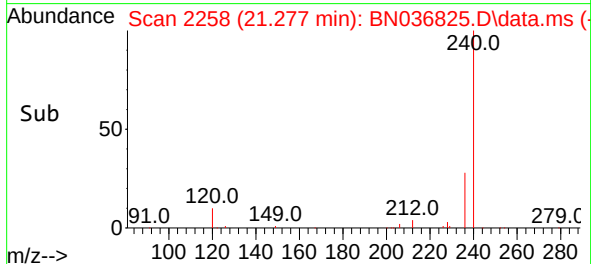
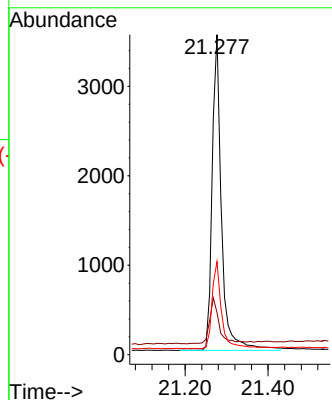
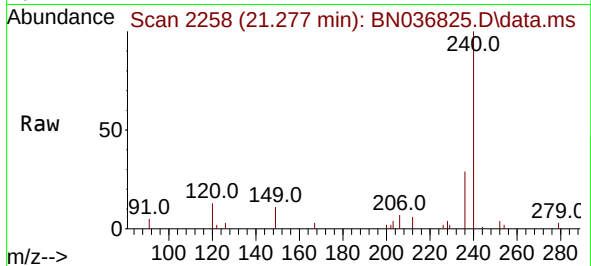




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

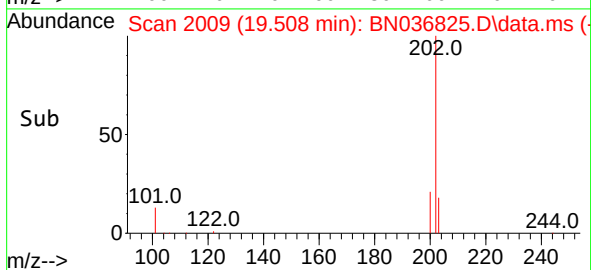
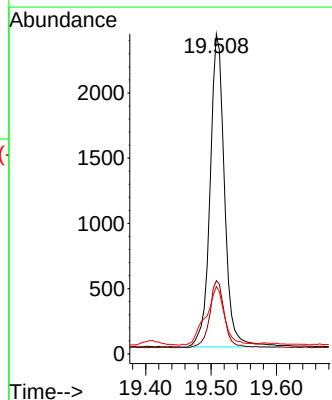
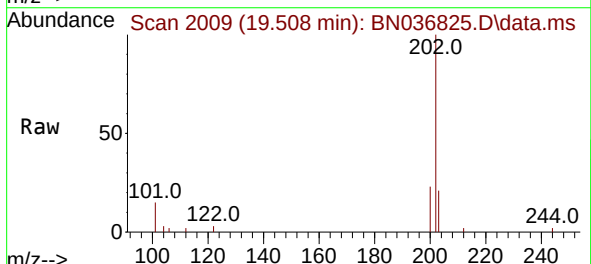
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

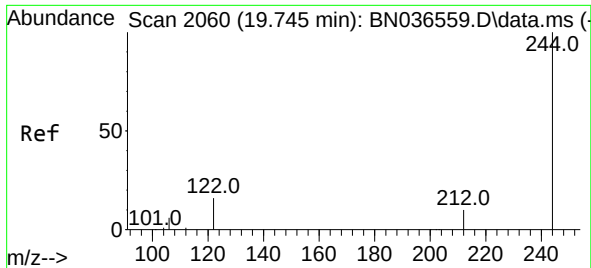
Tgt Ion:240 Resp: 5510
Ion Ratio Lower Upper
240 100
120 13.2 14.6 22.0#
236 29.1 24.1 36.1



#30
Pyrene
Concen: 0.137 ng
RT: 19.508 min Scan# 2009
Delta R.T. -0.028 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

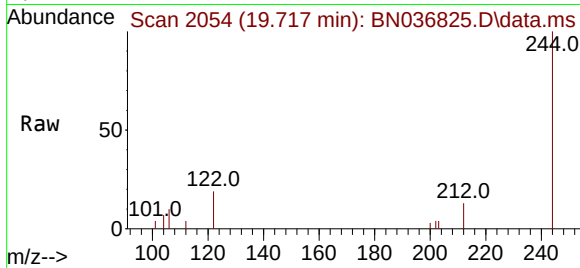
Tgt Ion:202 Resp: 3678
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 24.4 14.1 21.1#



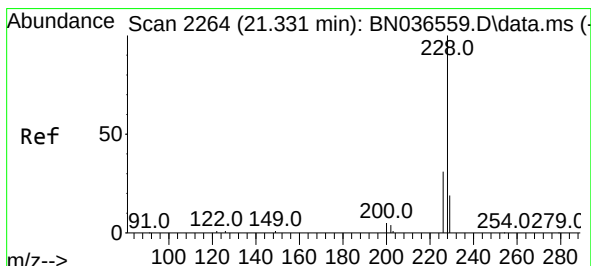
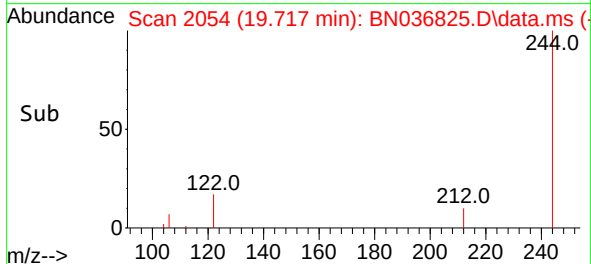
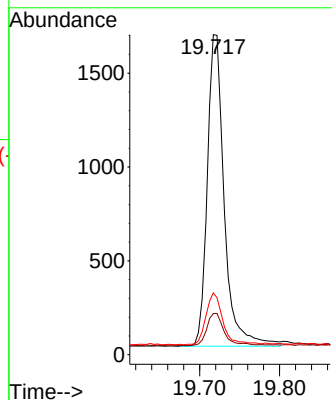


#31
 Terphenyl-d14
 Concen: 0.185 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.028 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-040125DL

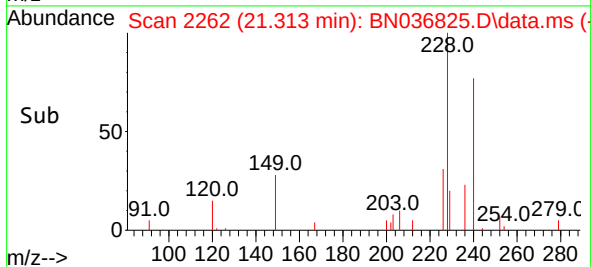
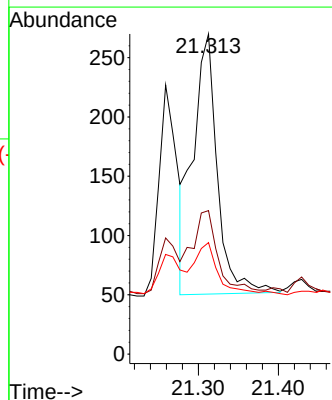
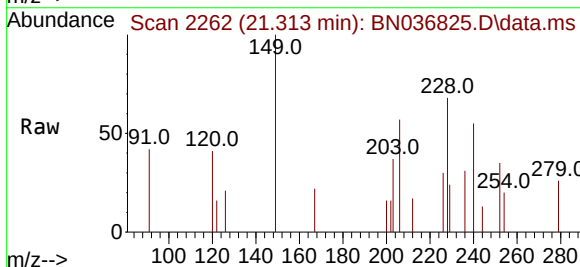


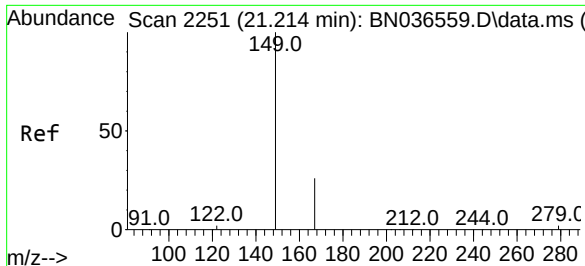
Tgt Ion:244 Resp: 2447
 Ion Ratio Lower Upper
 244 100
 212 12.8 9.6 14.4
 122 19.3 13.9 20.9



#33
 Chrysene
 Concen: 0.022 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.018 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

Tgt Ion:228 Resp: 464
 Ion Ratio Lower Upper
 228 100
 226 44.8 25.3 37.9#
 229 34.8 15.8 23.8#

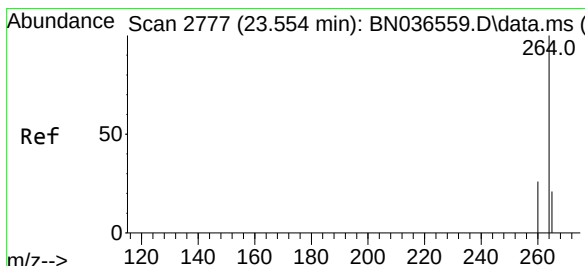
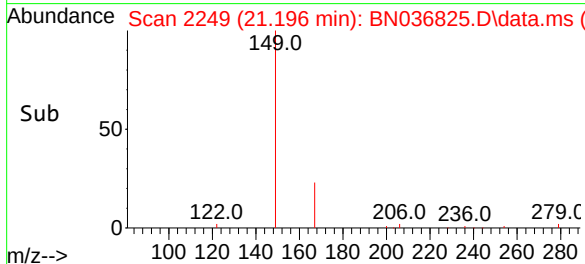
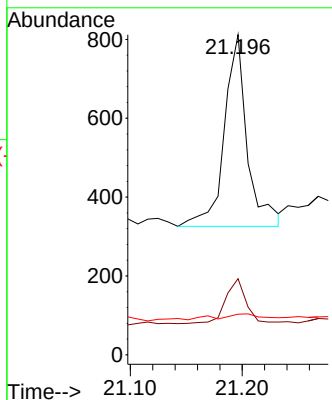
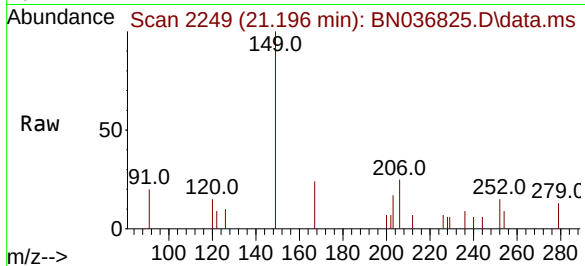




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-040125DL

Tgt Ion:149 Resp: 690
 Ion Ratio Lower Upper
 149 100
 167 21.2 20.7 31.1
 279 3.3 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.513 min Scan# 2763
 Delta R.T. -0.041 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

Tgt Ion:264 Resp: 5286
 Ion Ratio Lower Upper
 264 100
 260 26.6 22.6 33.8
 265 69.6 88.1 132.1#

