

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)

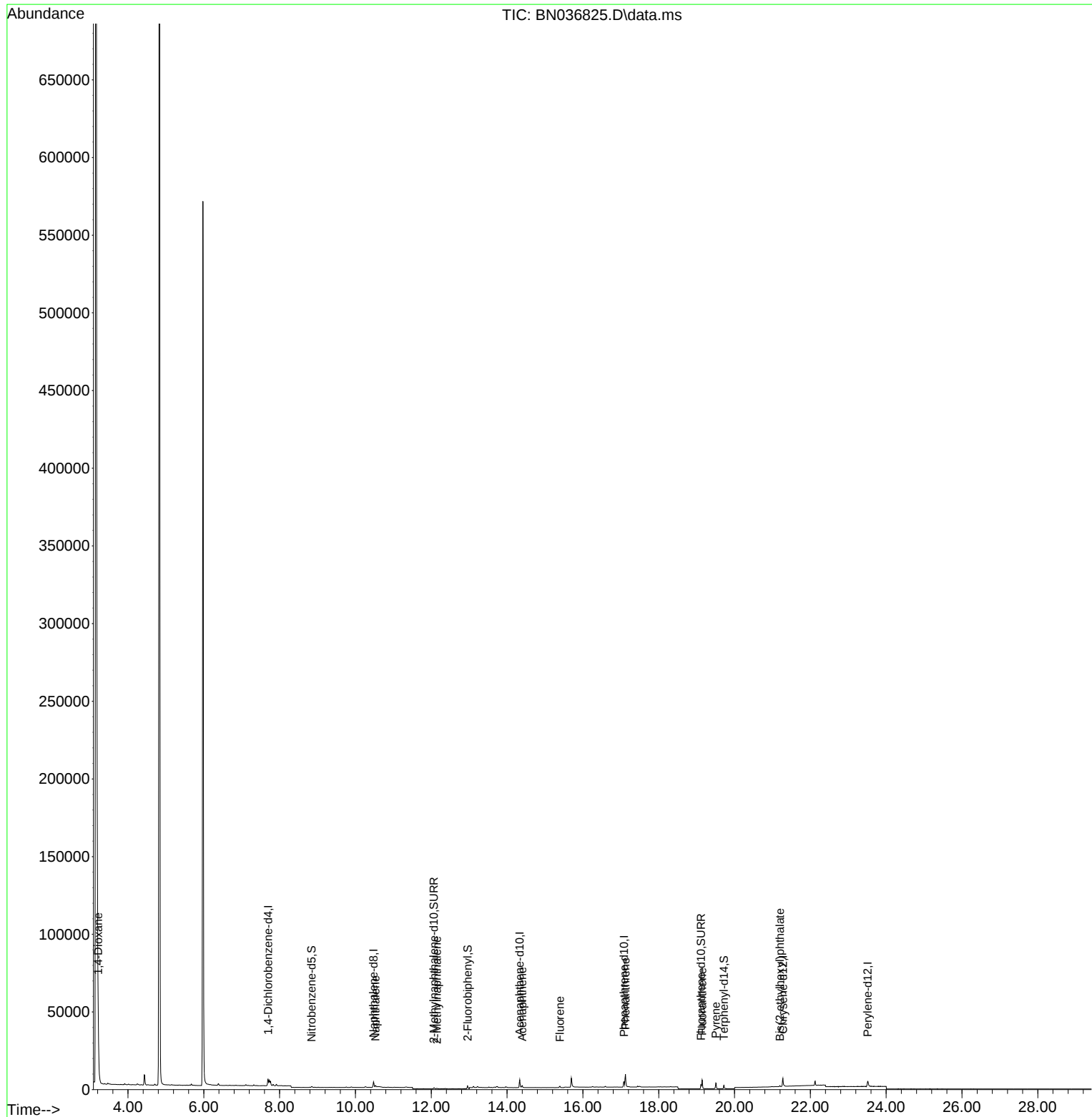
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2050	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4984	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2883	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6204	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	5510	0.400	ng	#-0.02
35) Perylene-d12	23.513	264	5286	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
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	0.000	330	0d	0.000	ng	
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
25) Phenanthrene	17.124	178	9396	0.505	ng	99
28) Fluoranthene	19.146	202	5405	0.259	ng	99
30) Pyrene	19.508	202	3678	0.137	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.196	149	690	0.051	ng	# 92

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

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Misc :
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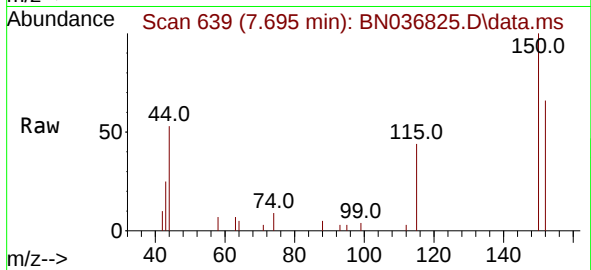
Quant Time: Apr 03 17:02:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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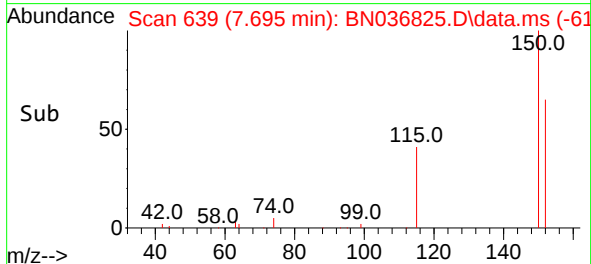
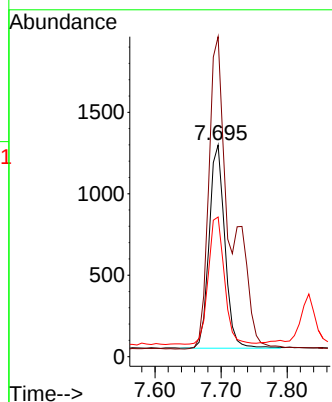
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

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



Tgt Ion: 152 Resp: 2050

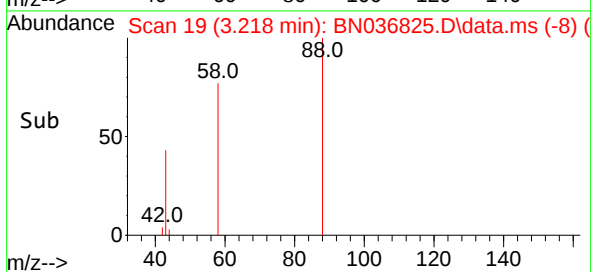
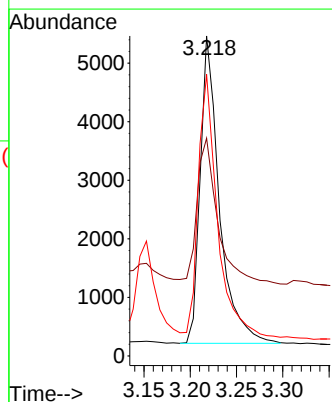
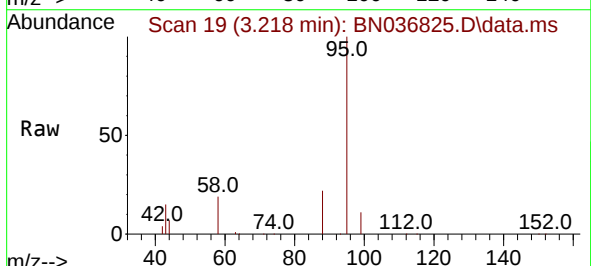
Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.7	185.5
115	66.0	54.3	81.5

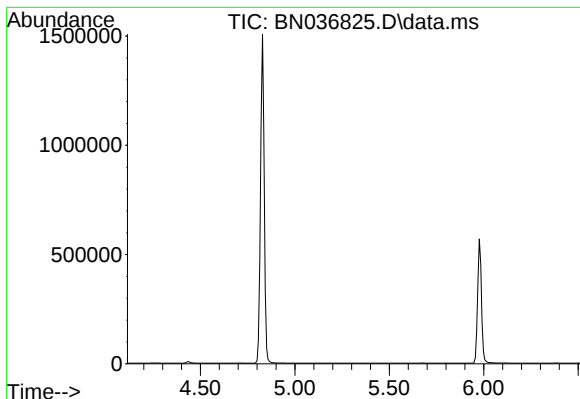


#2
 1,4-Dioxane
 Concen: 3.332 ng
 RT: 3.218 min Scan# 19
 Delta R.T. -0.021 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

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



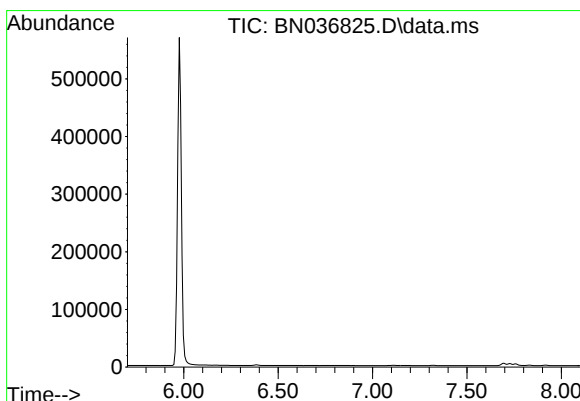
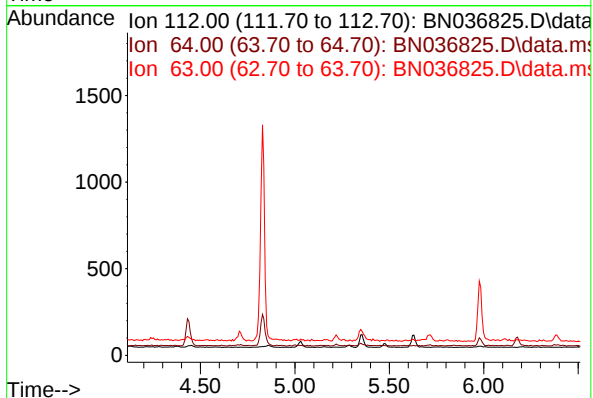


#4
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.31 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

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

Tgt Ion: 112

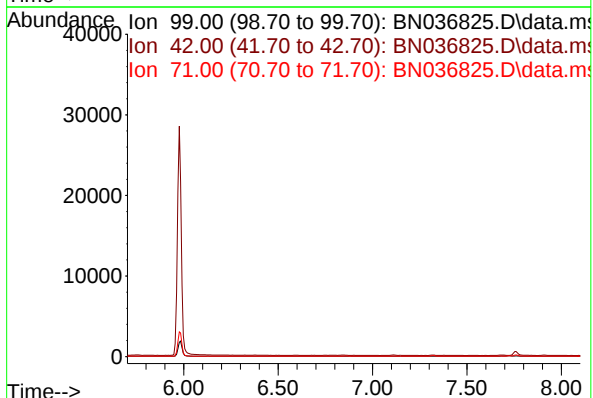
Sig	Exp Ratio
112	100
64	66.4
63	39.8



#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	33.1
71	42.6

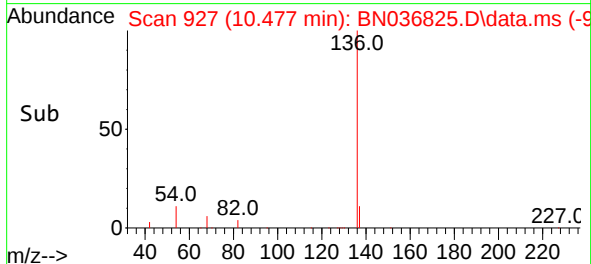
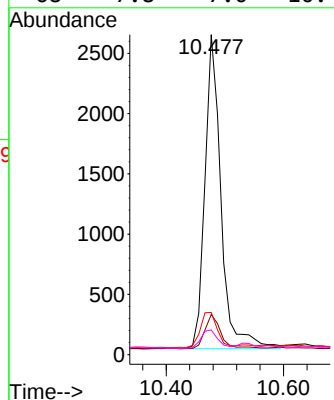
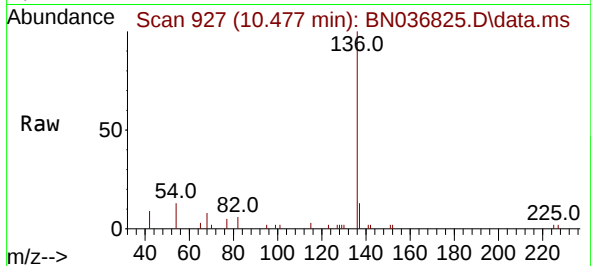




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

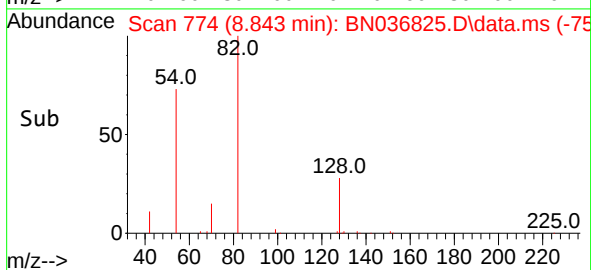
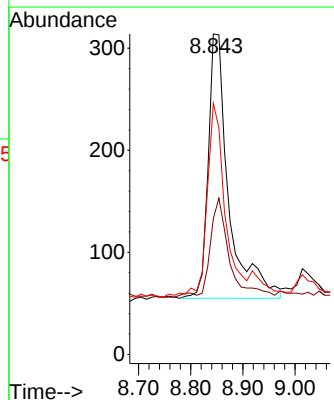
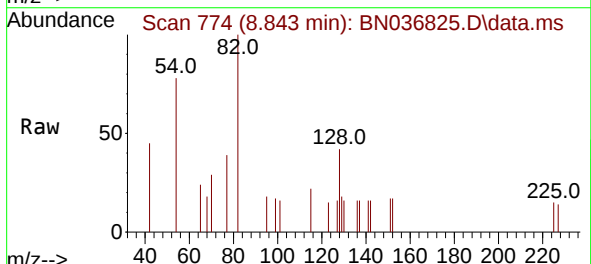
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

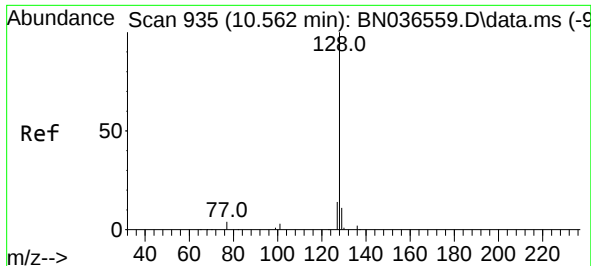
Tgt Ion:	136	Resp:	4984
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.3	15.5
54	13.2	11.5	17.3
68	7.8	7.0	10.4



#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

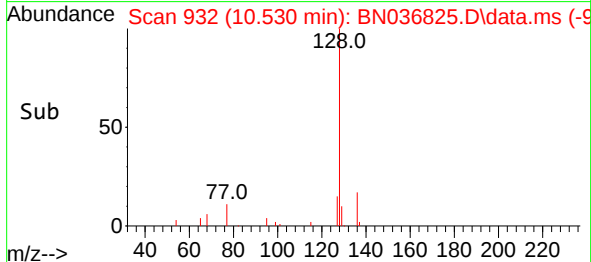
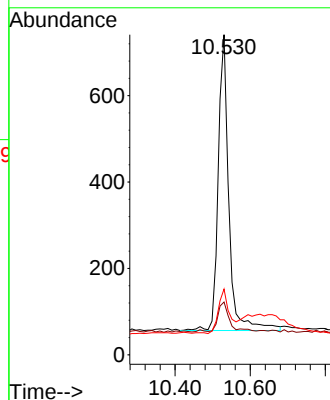
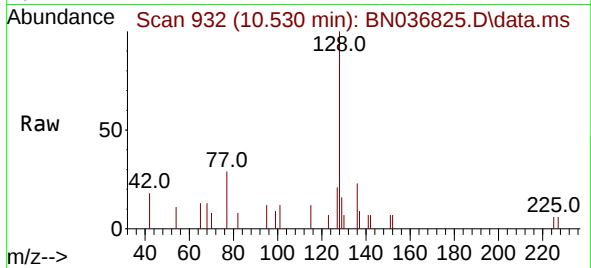




#9
Naphthalene
Concen: 0.092 ng
RT: 10.530 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

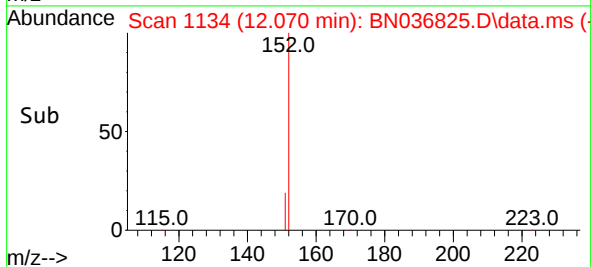
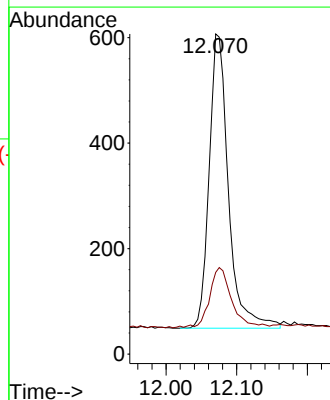
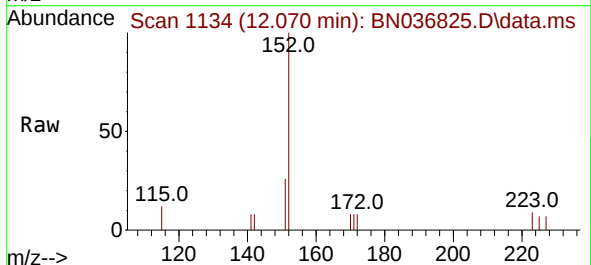
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

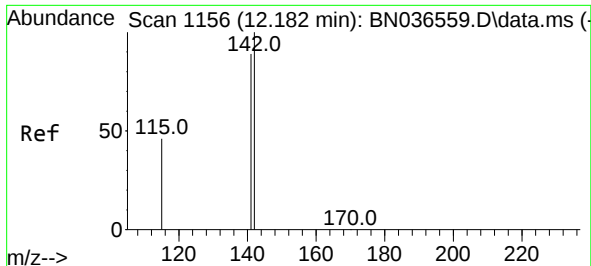
Tgt Ion:128 Resp: 1348
Ion Ratio Lower Upper
128 100
129 16.5 9.8 14.6#
127 20.5 11.8 17.8#



#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

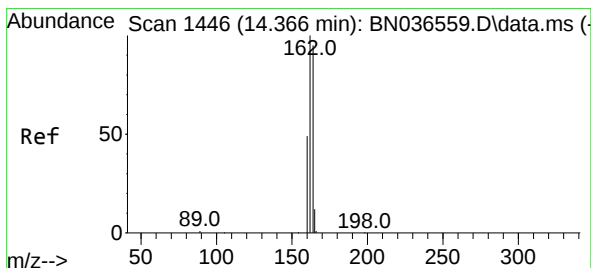
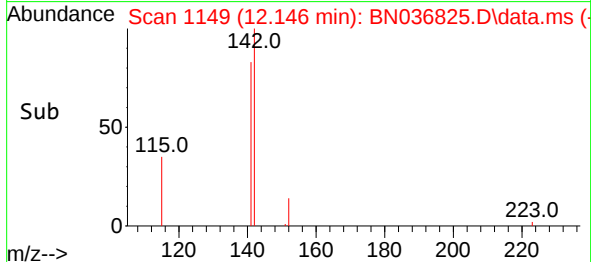
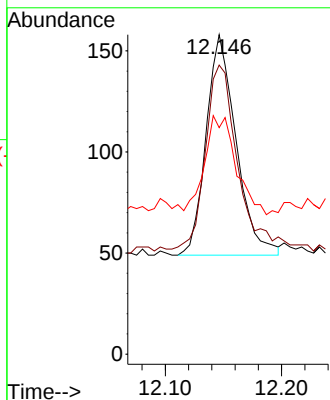
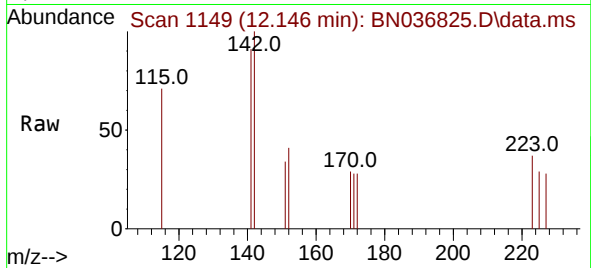




#12
2-Methylnaphthalene
Concen: 0.021 ng
RT: 12.146 min Scan# 1156
Delta R.T. -0.035 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

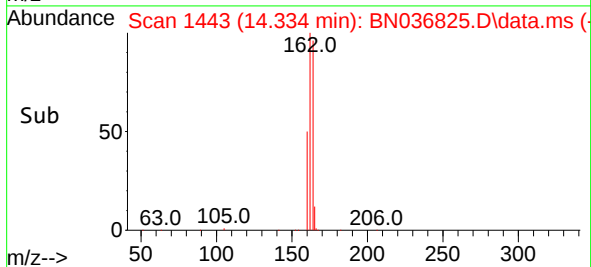
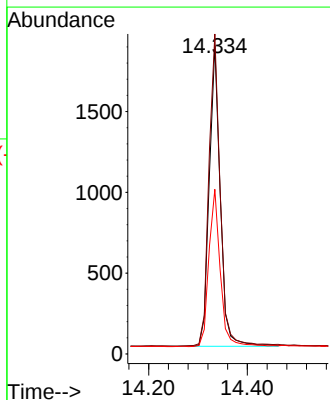
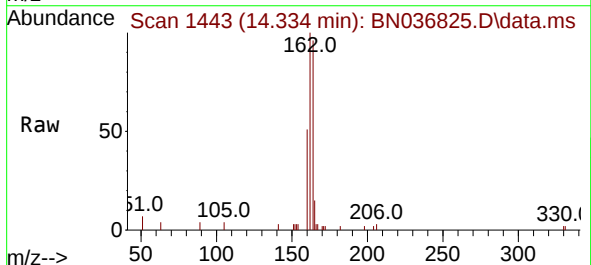
Instrument :
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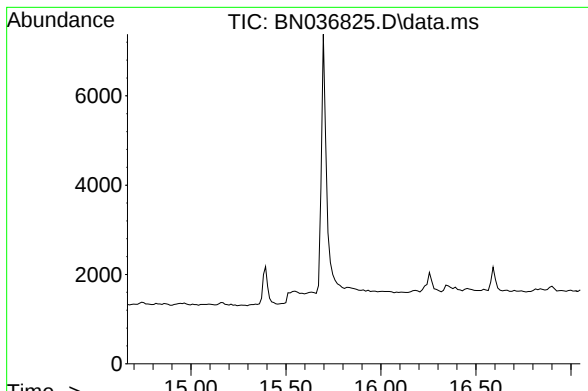
Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
141 90.5 71.7 107.5
115 70.9 38.3 57.5#



#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



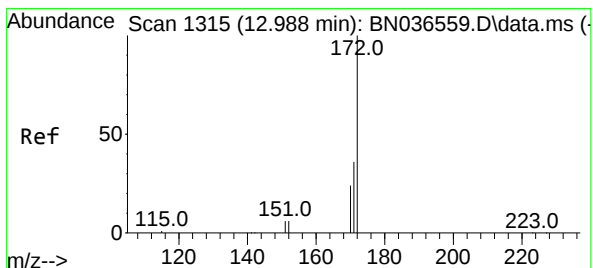
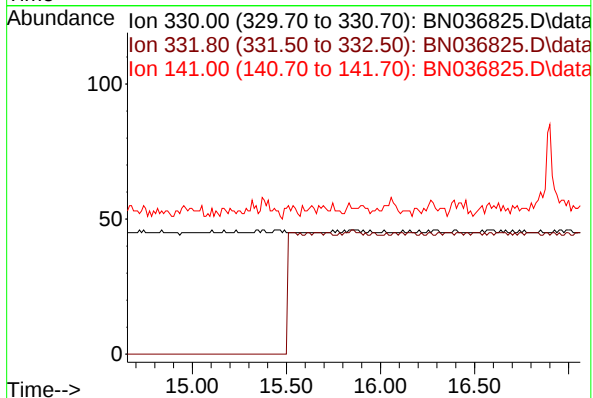


#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.86 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

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

Tgt Ion: 330

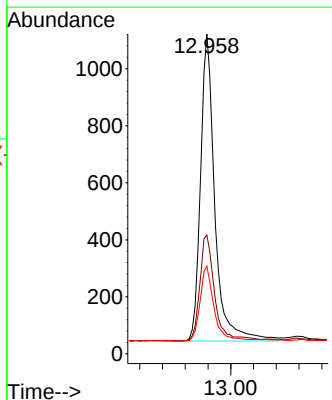
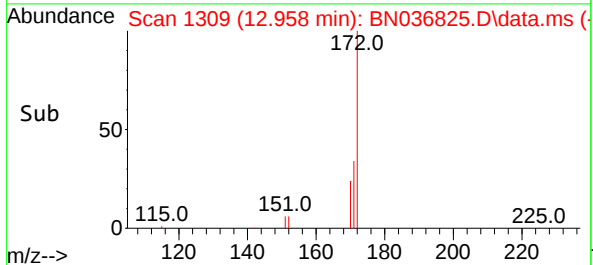
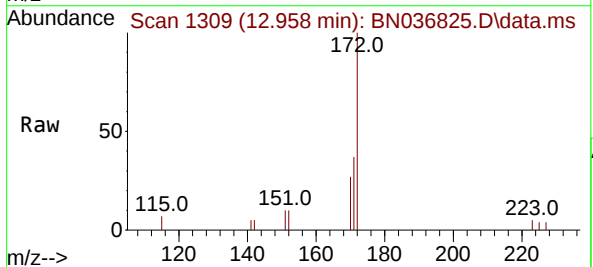
Sig	Exp Ratio
330	100
332	94.0
141	54.3

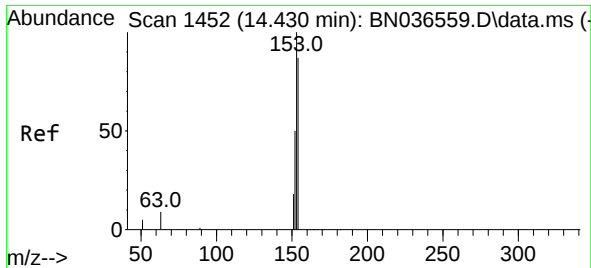


#15
 2-Fluorobiphenyl
 Concen: 0.140 ng
 RT: 12.958 min Scan# 1309
 Delta R.T. -0.030 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

Tgt Ion: 172 Resp: 2353

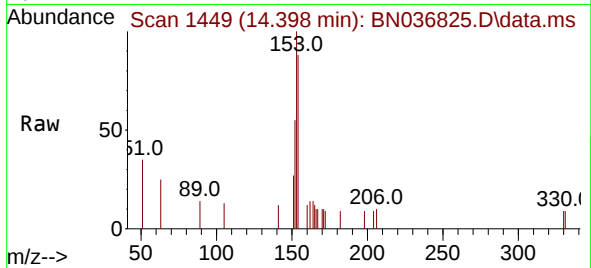
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	27.5	20.2	30.4



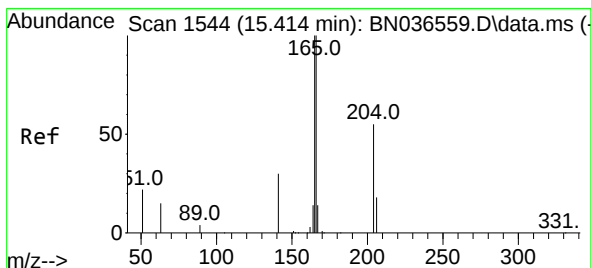
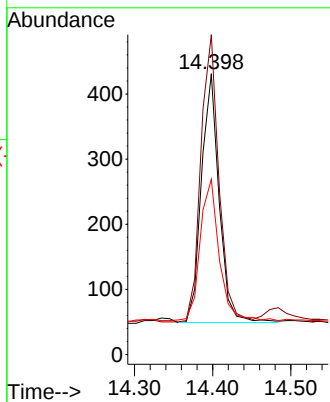
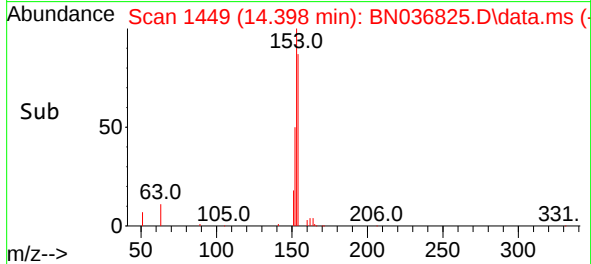


#17
Acenaphthene
Concen: 0.067 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.032 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

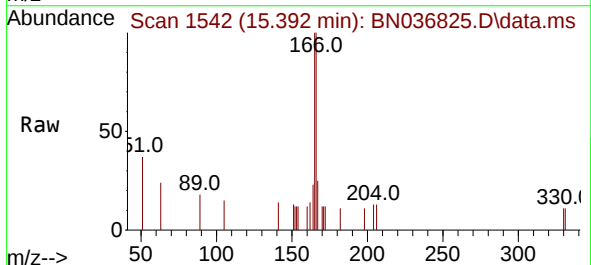
Instrument :
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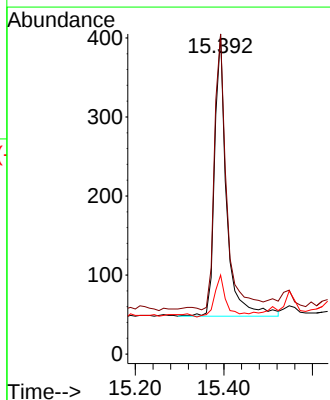
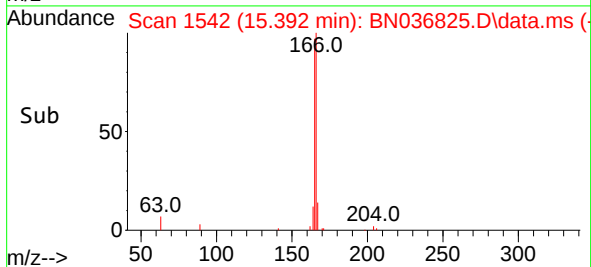
Tgt Ion:154 Resp: 600
Ion Ratio Lower Upper
154 100
153 118.0 94.1 141.1
152 61.3 49.8 74.6

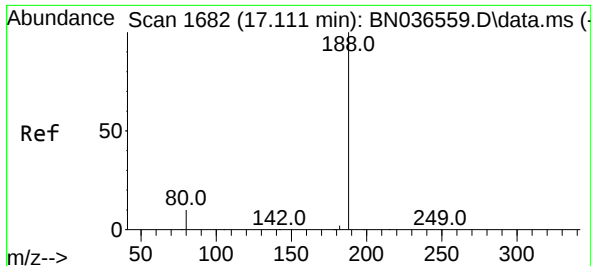


#18
Fluorene
Concen: 0.056 ng
RT: 15.392 min Scan# 1542
Delta R.T. -0.021 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38



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

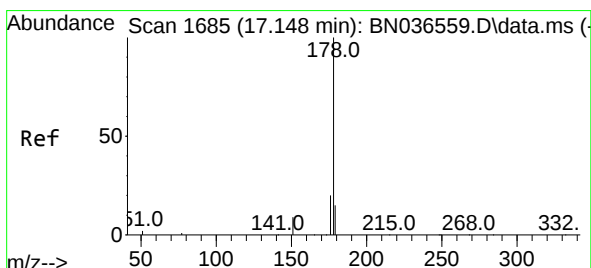
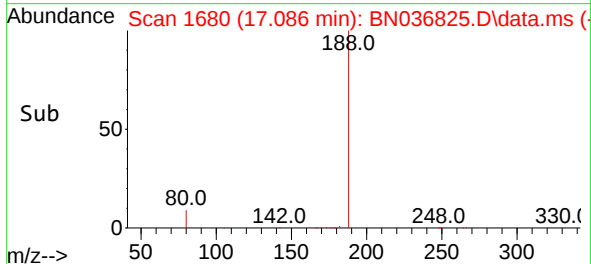
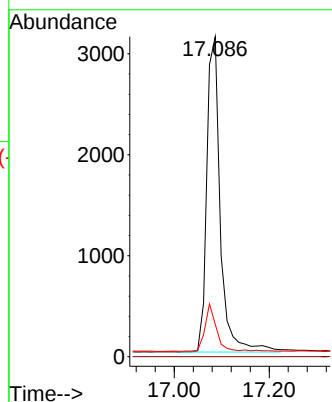
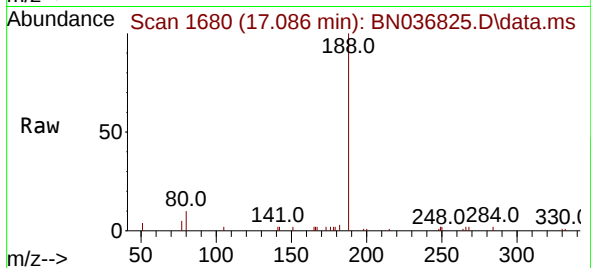




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

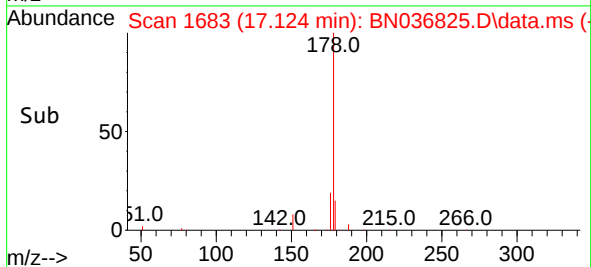
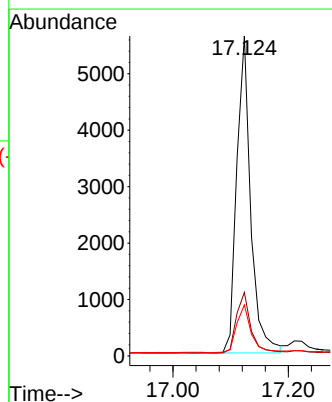
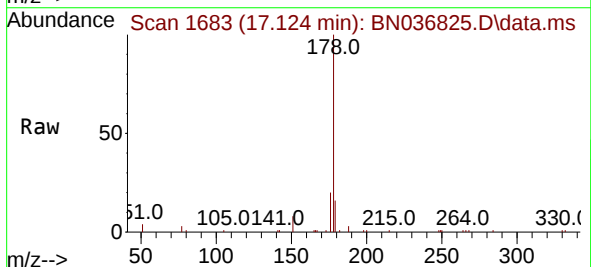
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

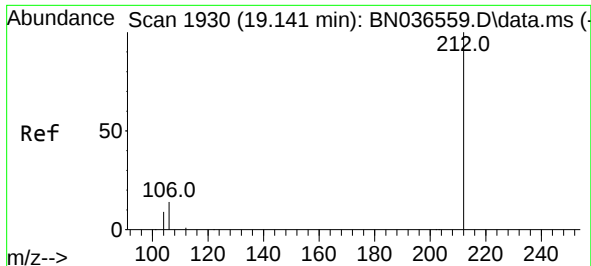
Tgt Ion:188 Resp: 6204
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 8.8 13.2



#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

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

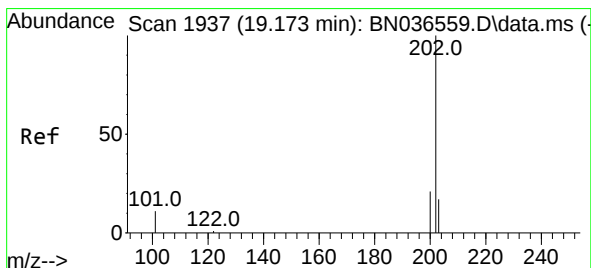
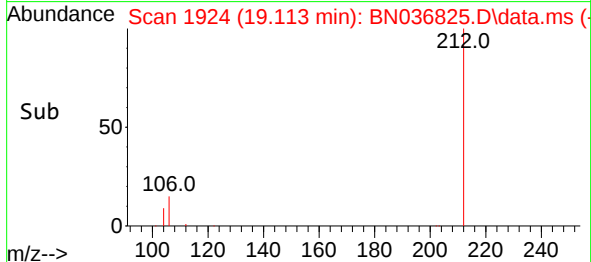
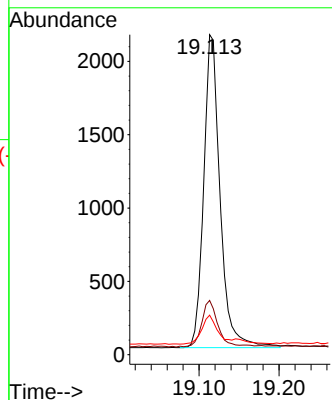
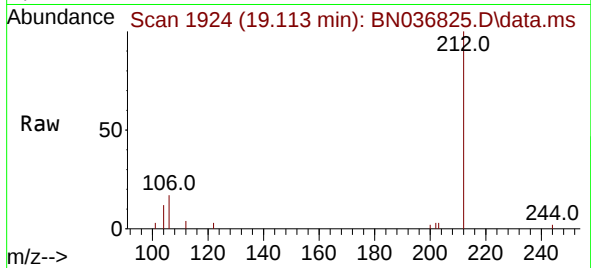




#27
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.113 min Scan# 1911
Delta R.T. -0.028 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

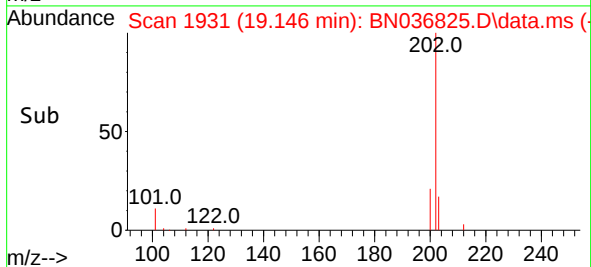
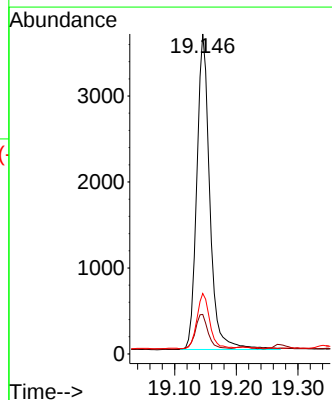
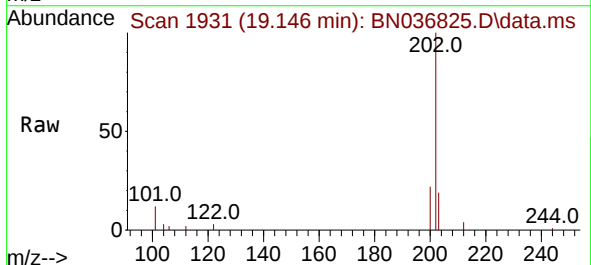
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

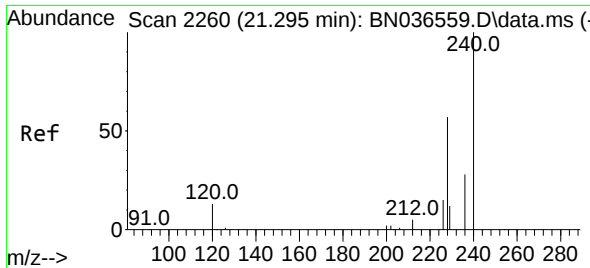
Tgt Ion:212 Resp: 3049
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.6
104 8.7 7.3 10.9



#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

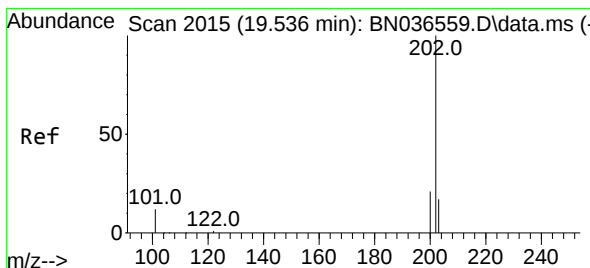
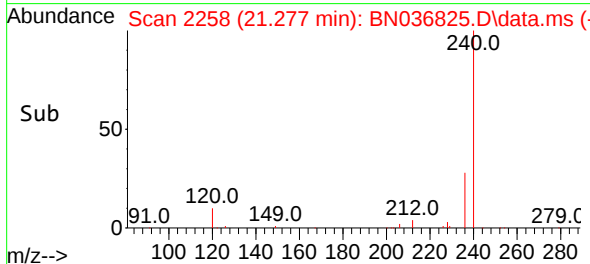
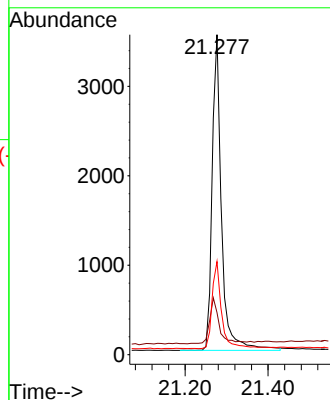
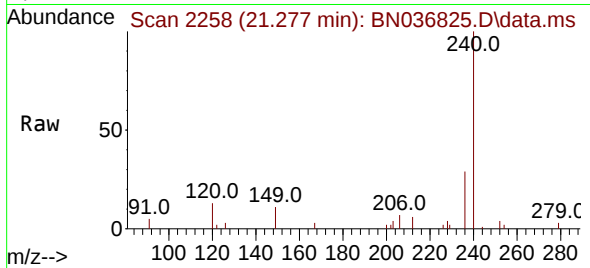




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

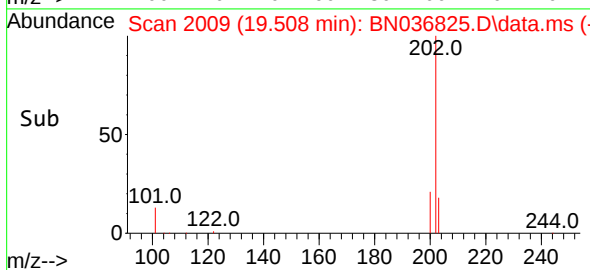
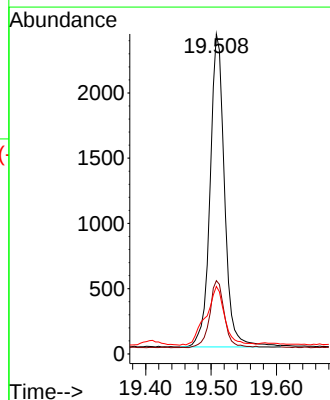
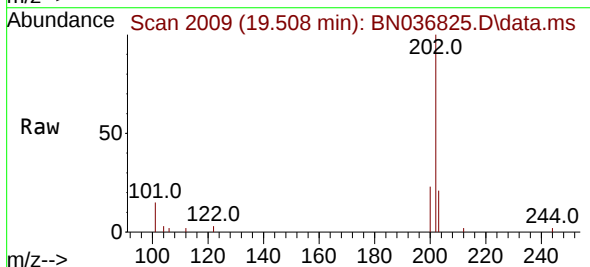
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-040125DL

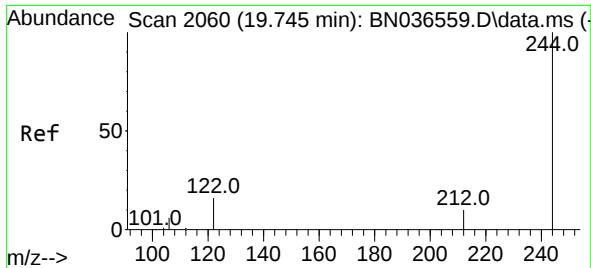
Tgt Ion:240 Resp: 5510
Ion Ratio Lower Upper
240 100
120 13.2 14.6 22.0#
236 29.1 24.1 36.1



#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#

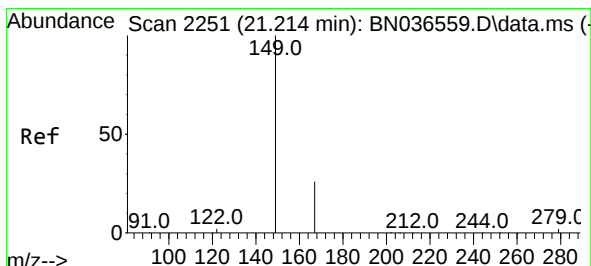
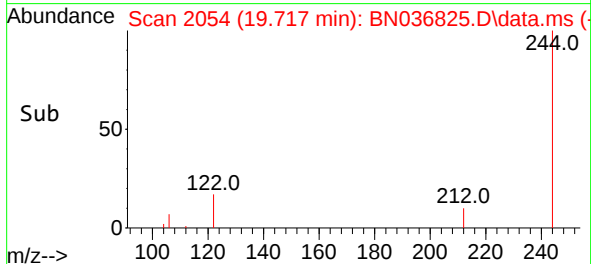
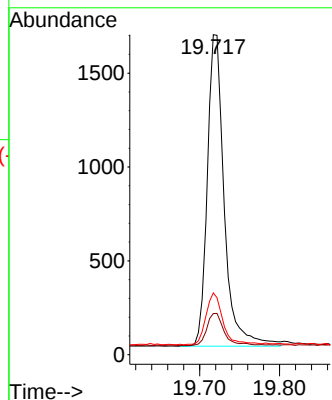
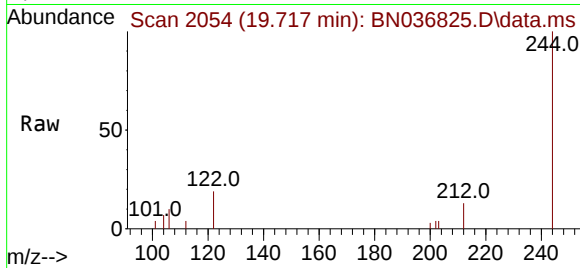




#31
 Terphenyl-d14
 Concen: 0.185 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

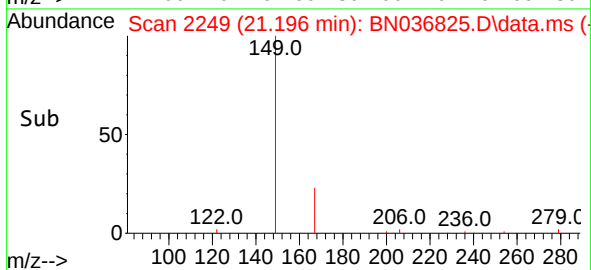
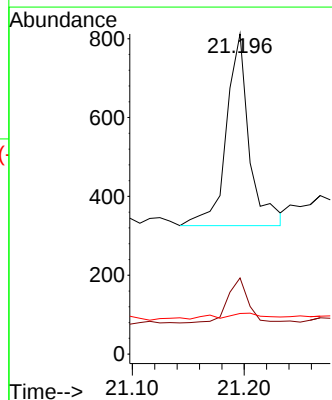
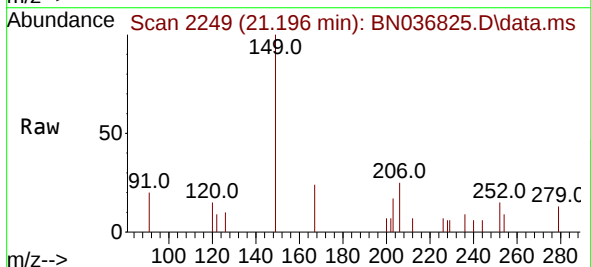
Instrument :
 BNA_N
 ClientSampleId :
 MW-19B-72-040125DL

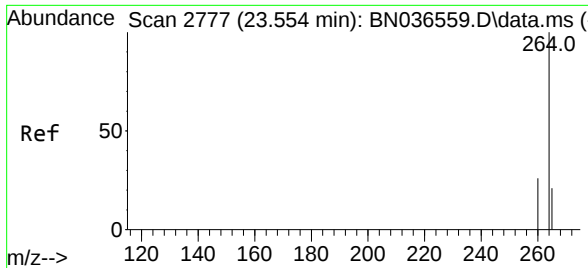
Tgt Ion:244 Resp: 2447
 Ion Ratio Lower Upper
 244 100
 212 12.8 9.6 14.4
 122 19.3 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036825.D
 Acq: 03 Apr 2025 16:38

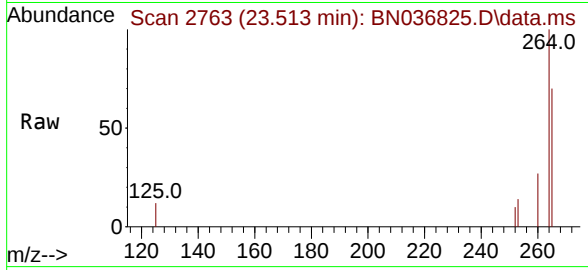
Tgt Ion:149 Resp: 690
 Ion Ratio Lower Upper
 149 100
 167 21.2 20.7 31.1
 279 3.3 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 21
Delta R.T. -0.041 min
Lab File: BN036825.D
Acq: 03 Apr 2025 16:38

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



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#

