

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102423\  
 Data File : BN028376.D  
 Acq On : 24 Oct 2023 13:46  
 Operator : MA/JU  
 Sample : 04913-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-6I

Quant Time: Oct 25 01:04:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN101223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 15:14:08 2023  
 Response via : Initial Calibration

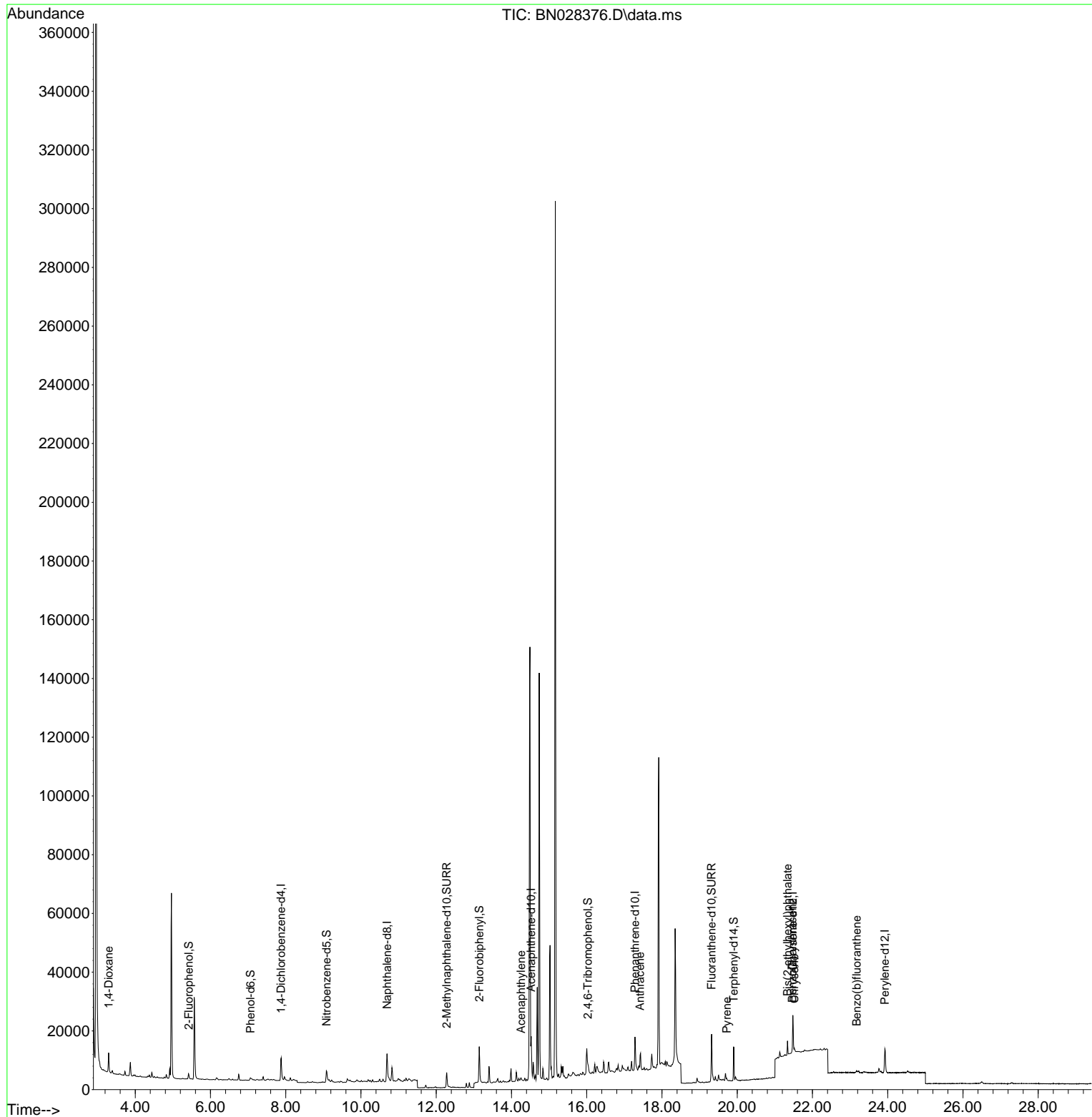
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	4415	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	15408	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	8478	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	15015	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	10681	0.400	ng	# 0.00
35) Perylene-d12	23.925	264	11718	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	1826	0.133	ng	0.00
5) Phenol-d6	7.062	99	1308	0.077	ng	0.00
8) Nitrobenzene-d5	9.080	82	4748	0.347	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	9071	0.392	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	1498	0.362	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	12564	0.421	ng	-0.02
27) Fluoranthene-d10	19.318	212	14712	0.366	ng	0.00
31) Terphenyl-d14	19.908	244	11828	0.522	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.292	88	3714	0.696	ng	# 71
16) Acenaphthylene	14.256	152	3264	0.086	ng	# 90
26) Anthracene	17.418	178	2274	0.058	ng	# 93
30) Pyrene	19.718	202	886	0.024	ng	94
32) Benzo(a)anthracene	21.462	228	1083	0.029	ng	# 24
33) Chrysene	21.515	228	959	0.026	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.336	149	4019	0.139	ng	95
37) Benzo(b)fluoranthene	23.174	252	970	0.026	ng	# 1

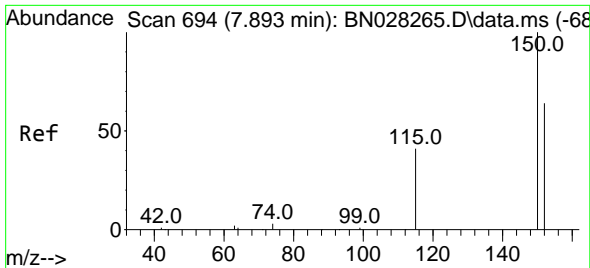
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102423\  
 Data File : BN028376.D  
 Acq On : 24 Oct 2023 13:46  
 Operator : MA/JU  
 Sample : 04913-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-6I

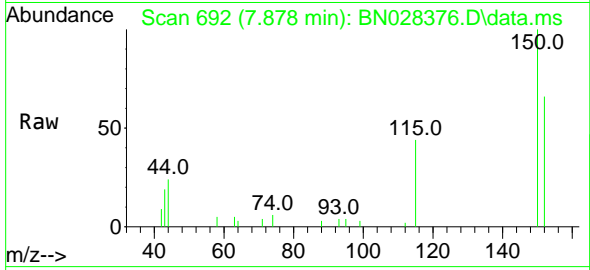
Quant Time: Oct 25 01:04:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN101223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 15:14:08 2023  
 Response via : Initial Calibration



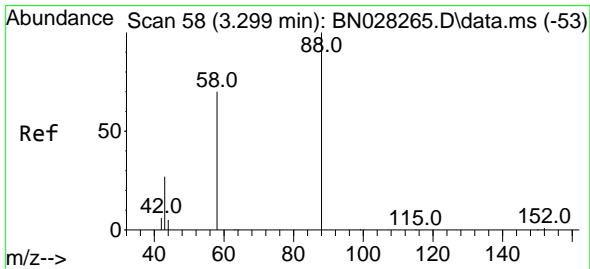
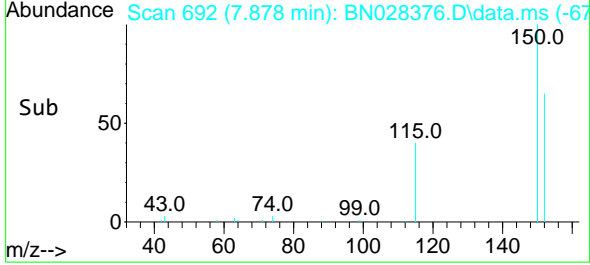
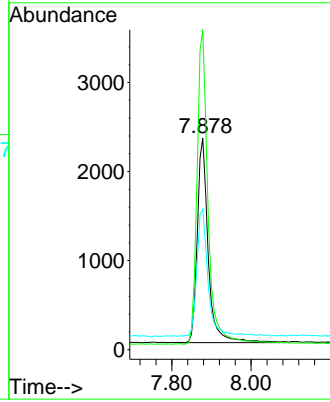


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.878 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-6I

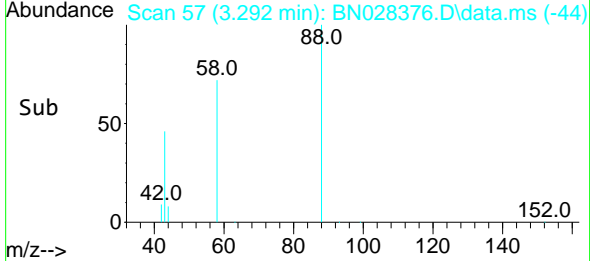
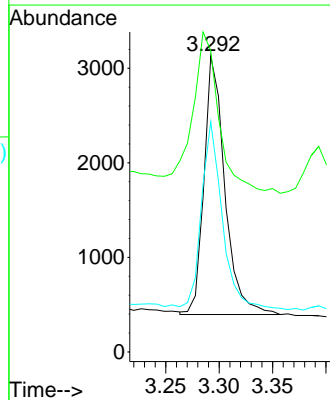
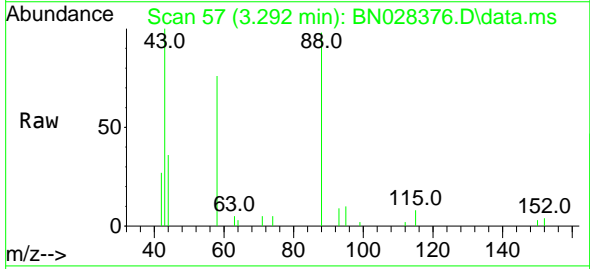


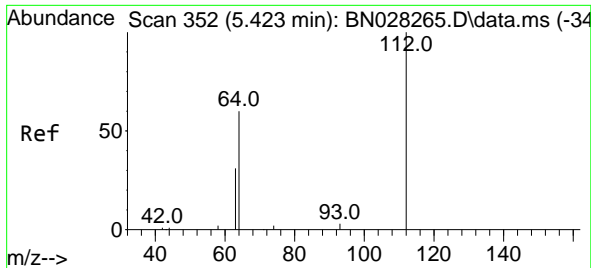
Tgt Ion:152 Resp: 4415  
 Ion Ratio Lower Upper  
 152 100  
 150 151.3 121.6 182.4  
 115 66.4 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 0.696 ng  
 RT: 3.292 min Scan# 57  
 Delta R.T. -0.007 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion: 88 Resp: 3714  
 Ion Ratio Lower Upper  
 88 100  
 43 81.5 26.6 39.8#  
 58 70.9 55.4 83.0

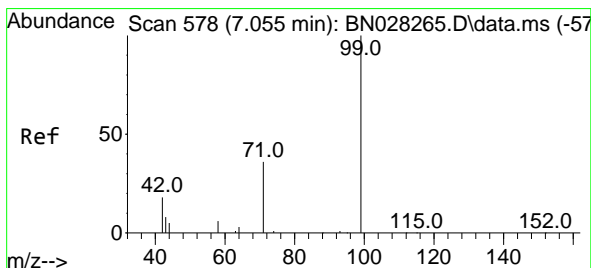
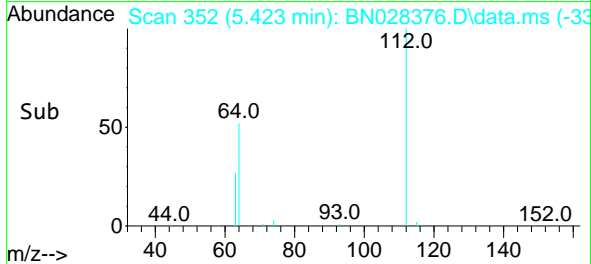
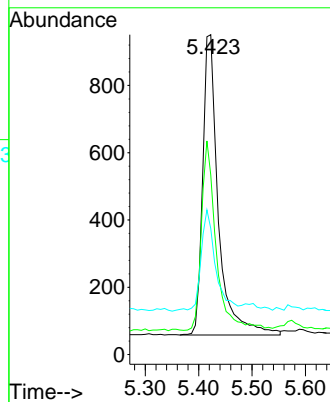
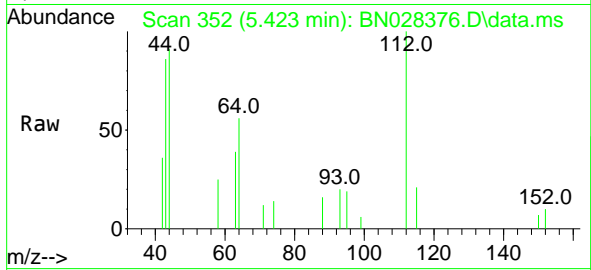




#4  
 2-Fluorophenol  
 Concen: 0.133 ng  
 RT: 5.423 min Scan# 311  
 Delta R.T. -0.007 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

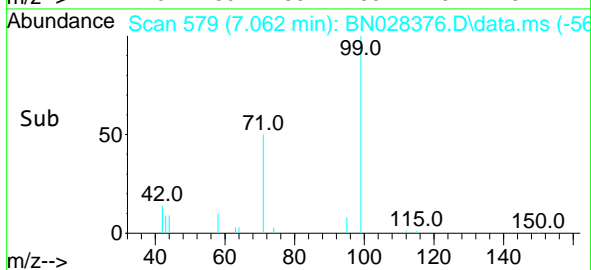
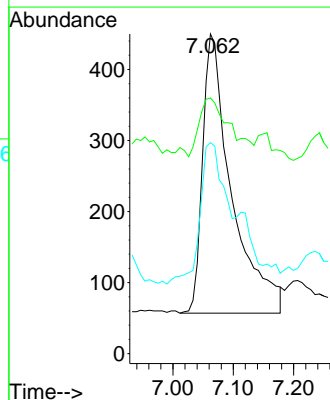
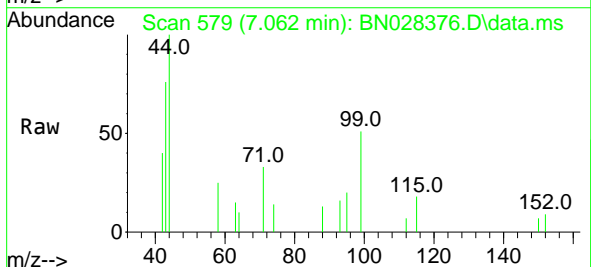
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-6I

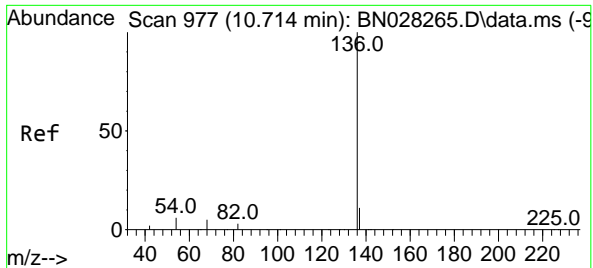
Tgt Ion	Resp	Lower	Upper
112	1826		
112	100		
64	59.5	46.9	70.3
63	31.3	25.0	37.4



#5  
 Phenol-d6  
 Concen: 0.077 ng  
 RT: 7.062 min Scan# 579  
 Delta R.T. 0.007 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion	Resp	Lower	Upper
99	1308		
99	100		
42	22.2	15.9	23.9
71	61.9	28.6	42.8



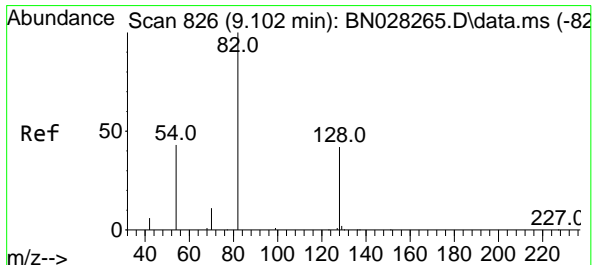
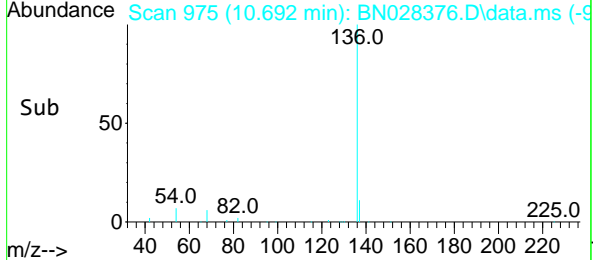
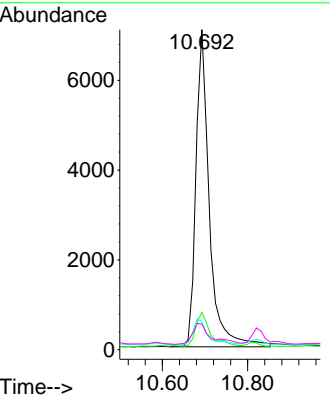
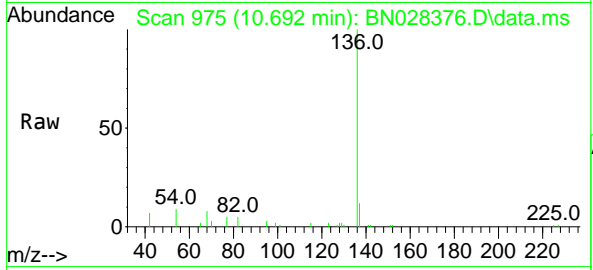


#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.692 min Scan# 91  
 Delta R.T. -0.011 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Instrument : BNA\_N  
 ClientSampleId : MW-6I

Tgt Ion:136 Resp: 15408

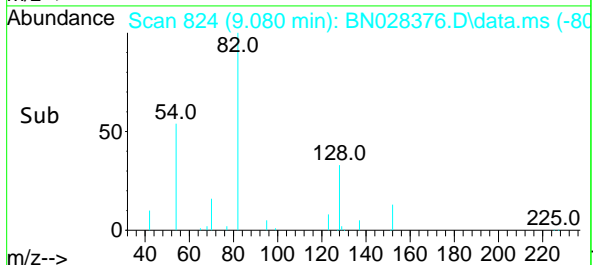
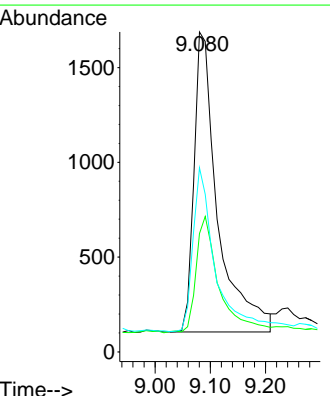
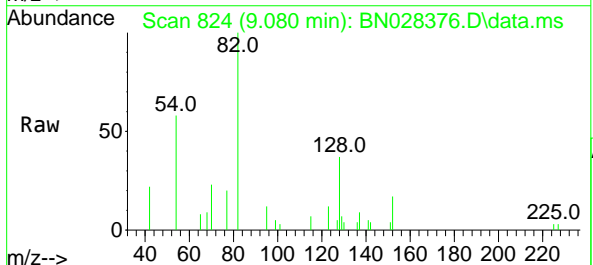
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	8.7	6.2	9.4
68	8.0	5.7	8.5

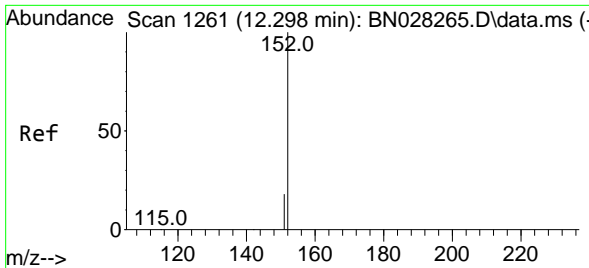


#8  
 Nitrobenzene-d5  
 Concen: 0.347 ng  
 RT: 9.080 min Scan# 824  
 Delta R.T. -0.021 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion: 82 Resp: 4748

Ion	Ratio	Lower	Upper
82	100		
128	37.0	36.8	55.2
54	57.5	37.4	56.2

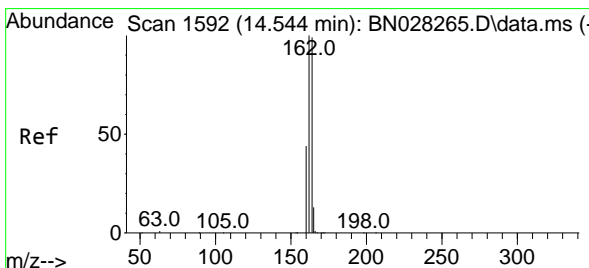
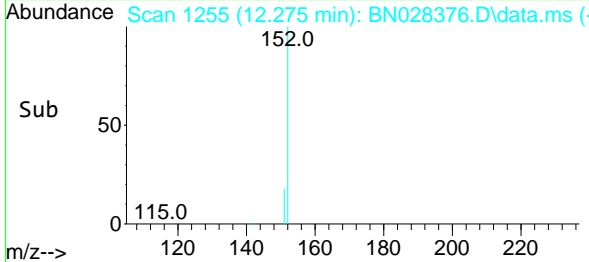
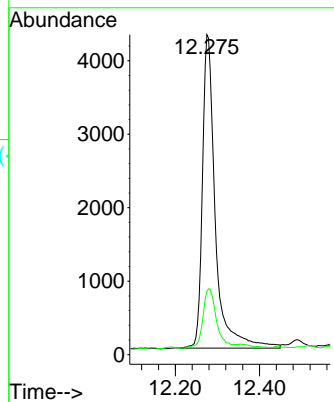
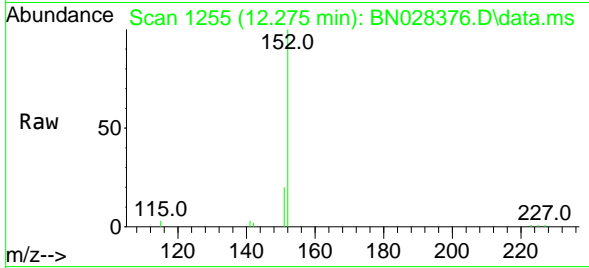




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.392 ng  
 RT: 12.275 min Scan# 11  
 Delta R.T. -0.019 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

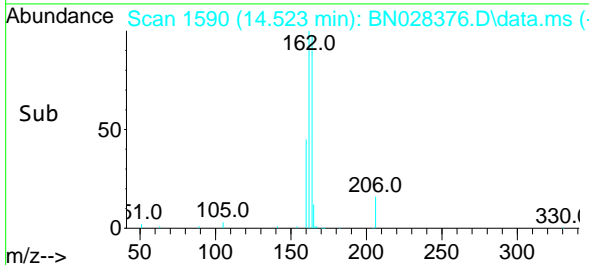
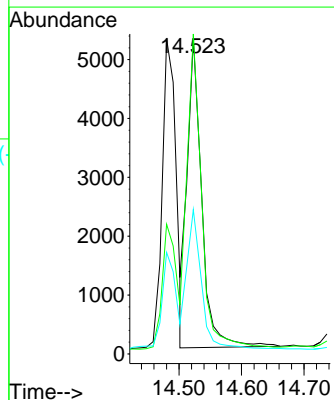
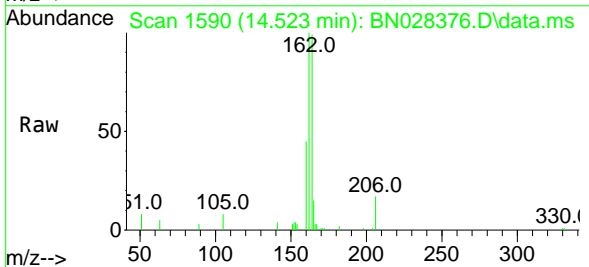
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-6I

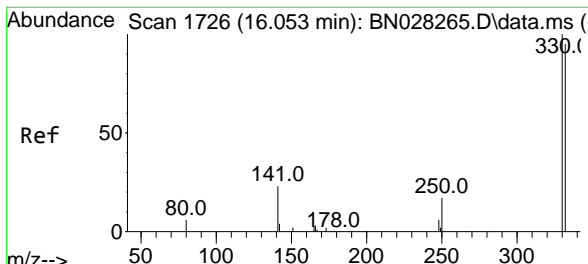
Tgt Ion:152 Resp: 9071  
 Ion Ratio Lower Upper  
 152 100  
 151 19.9 16.1 24.1



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.523 min Scan# 1590  
 Delta R.T. -0.011 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion:164 Resp: 8478  
 Ion Ratio Lower Upper  
 164 100  
 162 101.4 81.1 121.7  
 160 45.7 36.6 54.8

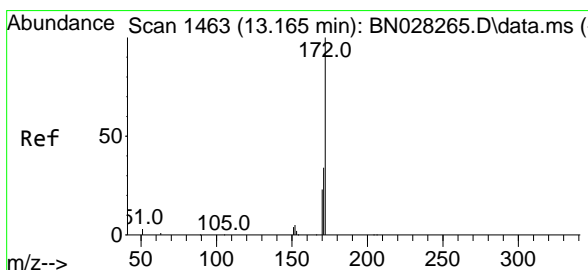
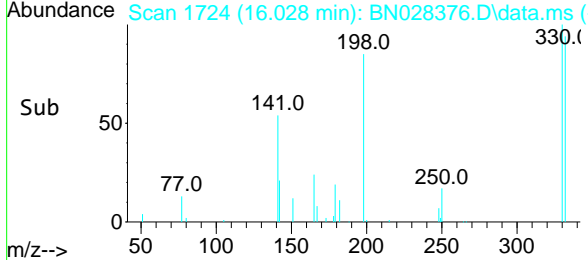
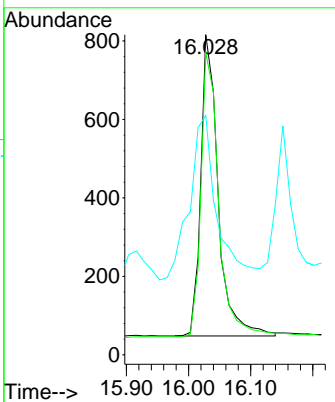
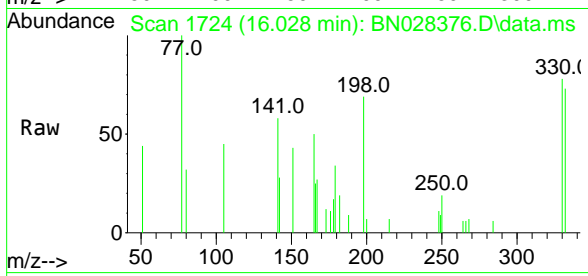




#14  
 2,4,6-Tribromophenol  
 Concen: 0.362 ng  
 RT: 16.028 min Scan# 11  
 Delta R.T. -0.037 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

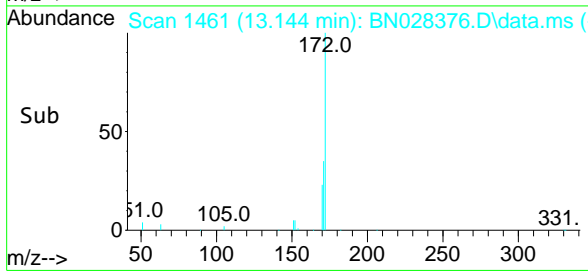
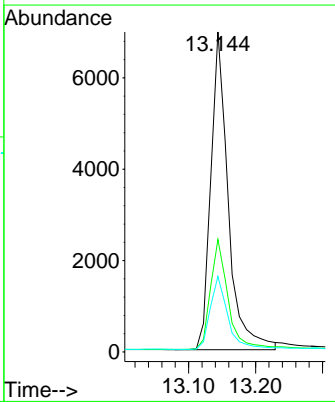
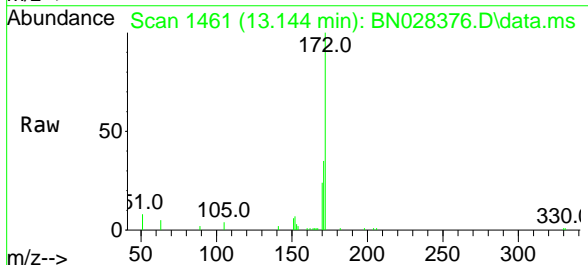
Instrument : BNA\_N  
 ClientSampleId : MW-6I

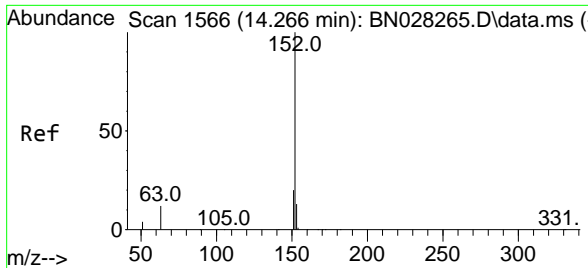
Tgt Ion	Resp	Lower	Upper
330	1498		
330	100		
332	96.5	74.1	111.1
141	67.0	32.1	48.1#



#15  
 2-Fluorobiphenyl  
 Concen: 0.421 ng  
 RT: 13.144 min Scan# 1461  
 Delta R.T. -0.021 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion	Resp	Lower	Upper
172	12564		
172	100		
171	35.1	28.3	42.5
170	23.6	18.7	28.1

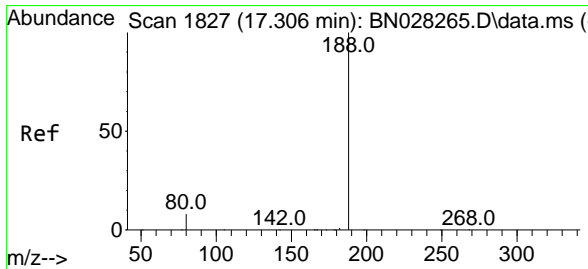
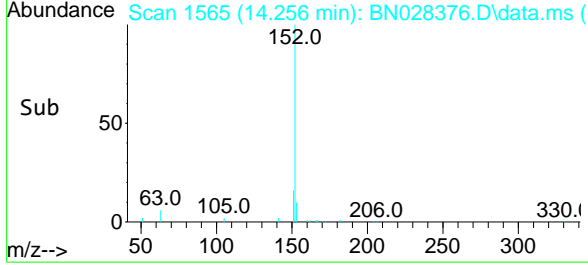
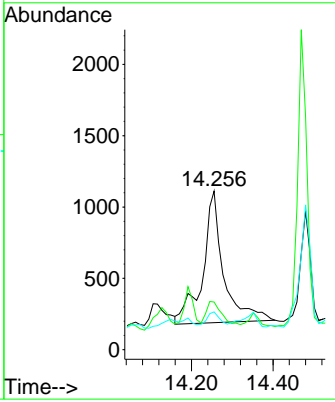
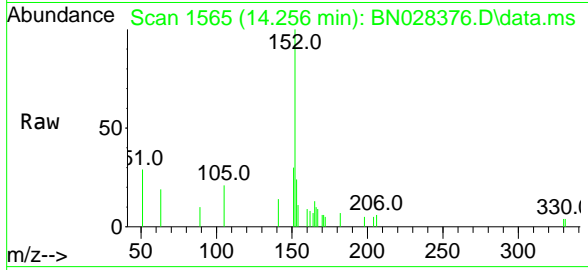




#16  
 Acenaphthylene  
 Concen: 0.086 ng  
 RT: 14.256 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

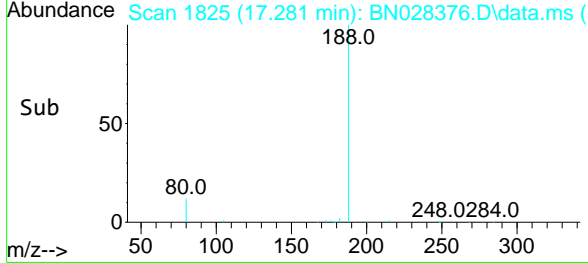
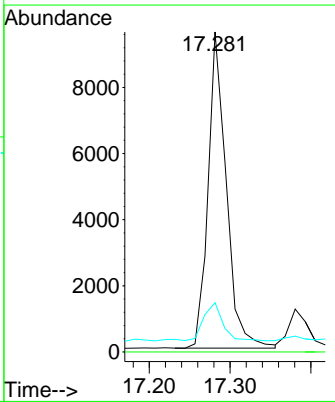
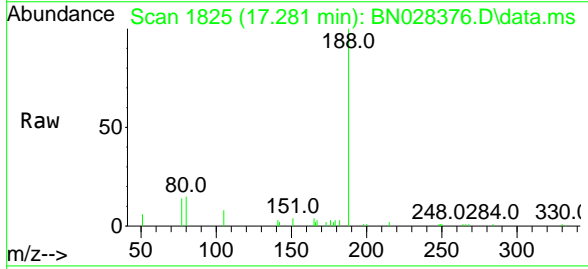
Instrument : BNA\_N  
 ClientSampleId : MW-6I

Tgt Ion	Resp	Lower	Upper
152	3264		
151	16.5	15.6	23.4
153	7.5	10.6	16.0

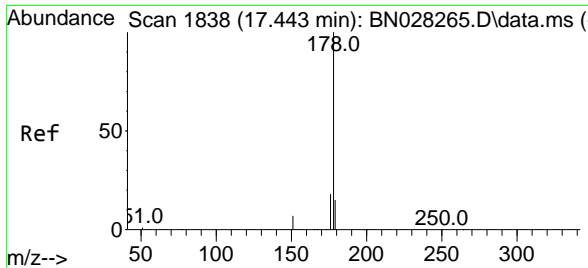


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.281 min Scan# 1825  
 Delta R.T. -0.012 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion	Resp	Lower	Upper
188	15015		
94	0.0	0.0	0.0
80	15.4	7.1	10.7





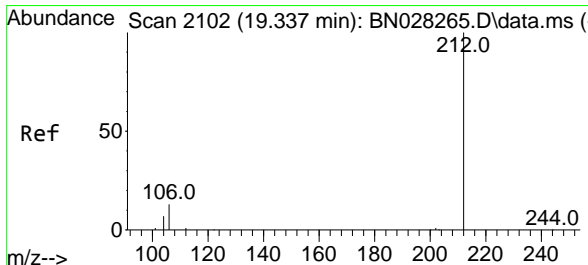
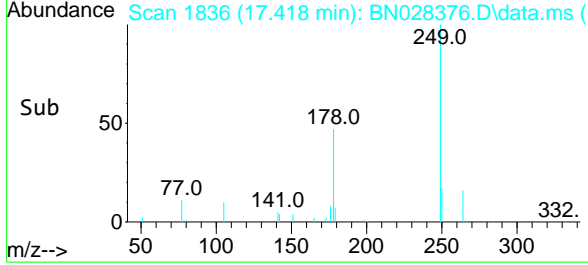
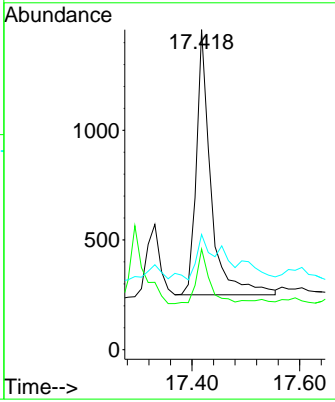
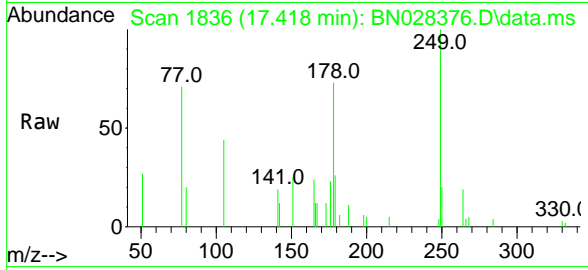


#26  
 Anthracene  
 Concen: 0.058 ng  
 RT: 17.418 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Instrument : BNA\_N  
 ClientSampleId : MW-6I

Tgt Ion:178 Resp: 2274

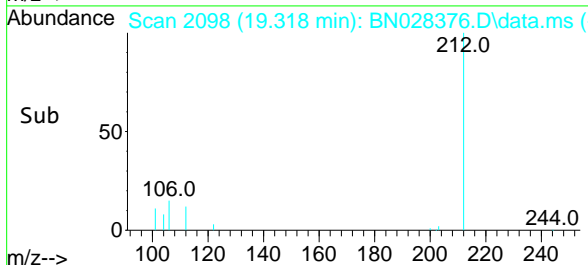
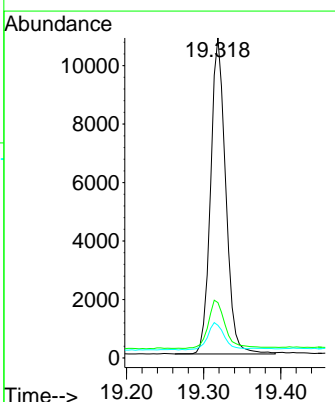
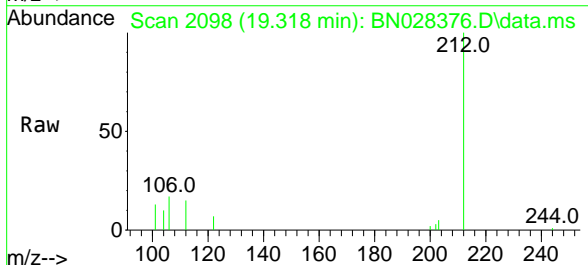
Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	20.8	12.2	18.4

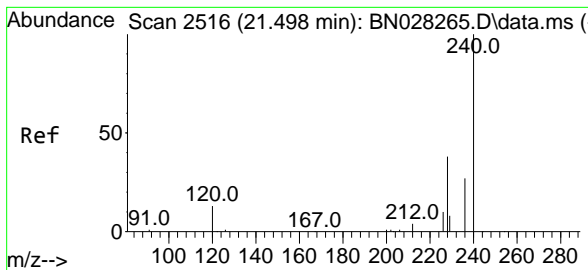


#27  
 Fluoranthene-d10  
 Concen: 0.366 ng  
 RT: 19.318 min Scan# 2098  
 Delta R.T. -0.009 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion:212 Resp: 14712

Ion	Ratio	Lower	Upper
212	100		
106	17.3	11.5	17.3
104	9.7	6.7	10.1



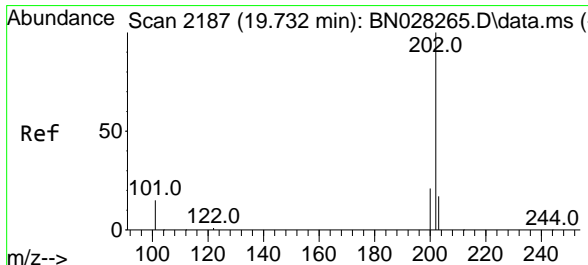
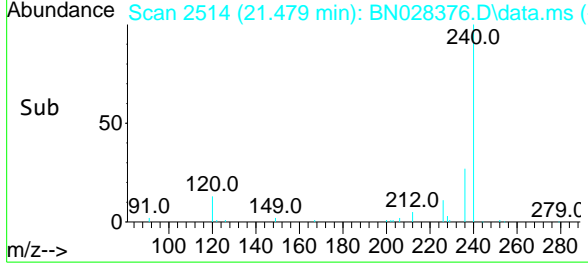
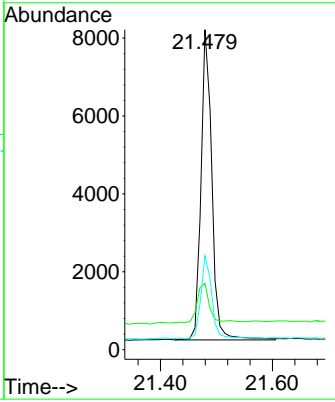
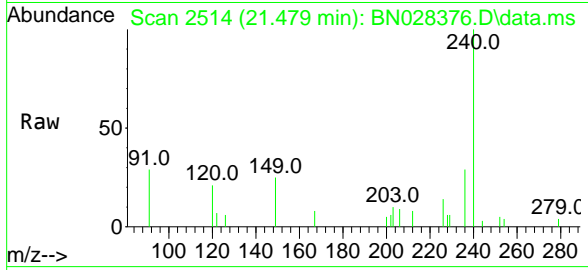


#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.479 min Scan# 21479  
 Delta R.T. -0.009 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Instrument : BNA\_N  
 ClientSampleId : MW-6I

Tgt Ion:240 Resp: 10681

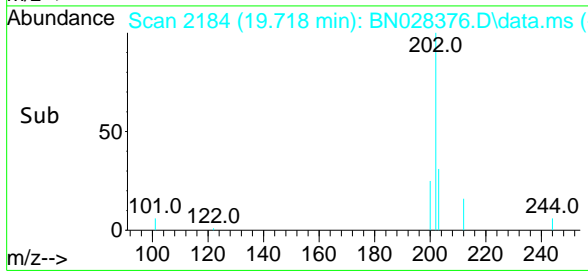
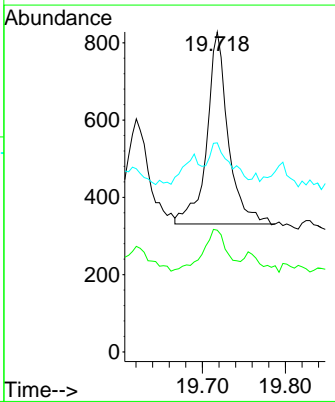
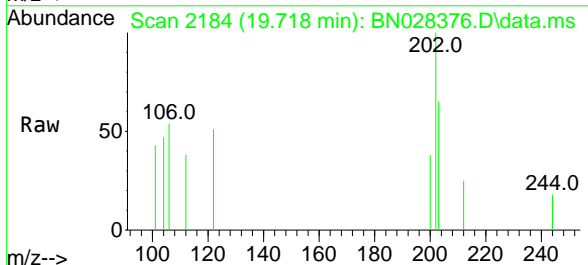
Ion	Ratio	Lower	Upper
240	100		
120	20.7	13.4	20.0#
236	29.3	22.7	34.1

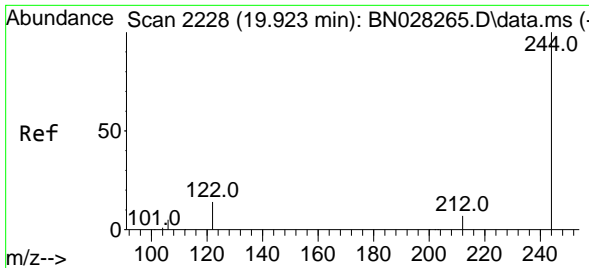


#30  
 Pyrene  
 Concen: 0.024 ng  
 RT: 19.718 min Scan# 2184  
 Delta R.T. -0.009 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion:202 Resp: 886

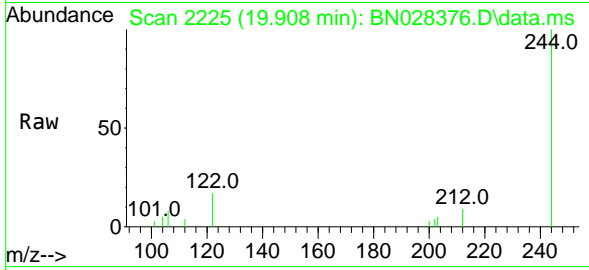
Ion	Ratio	Lower	Upper
202	100		
200	24.6	16.7	25.1
203	19.3	14.5	21.7



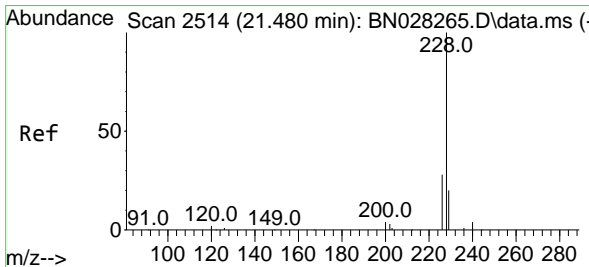
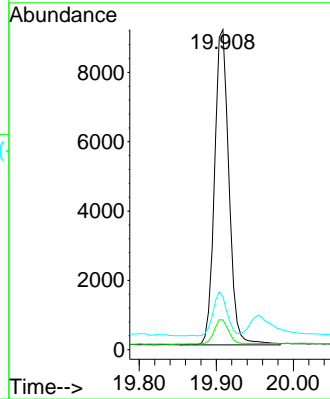
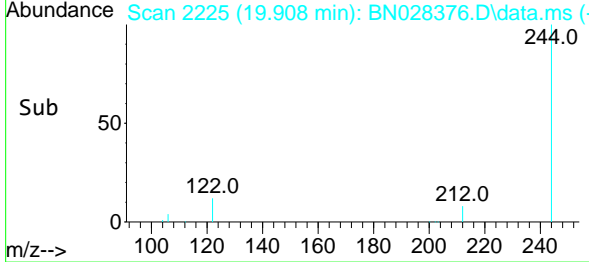


#31  
 Terphenyl-d14  
 Concen: 0.522 ng  
 RT: 19.908 min Scan# 2112  
 Delta R.T. -0.009 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

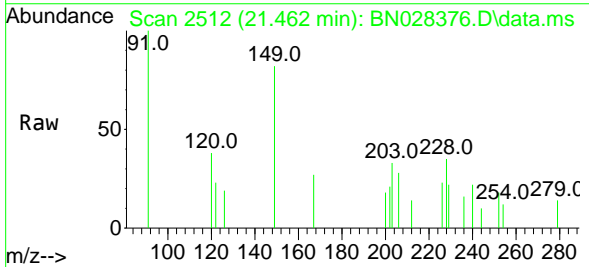
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-6I



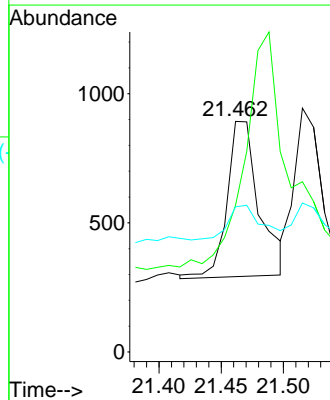
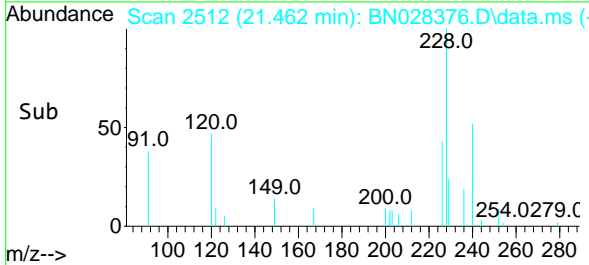
Tgt Ion:244 Resp: 11828  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 6.6 10.0  
 122 16.5 11.7 17.5

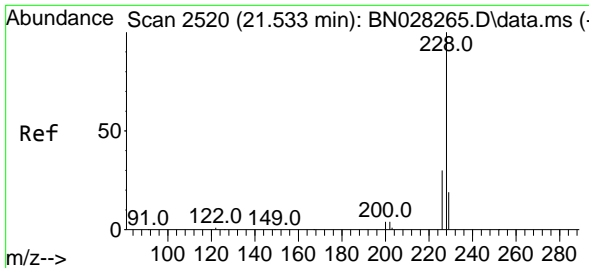


#32  
 Benzo(a)anthracene  
 Concen: 0.029 ng  
 RT: 21.462 min Scan# 2512  
 Delta R.T. -0.009 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46



Tgt Ion:228 Resp: 1083  
 Ion Ratio Lower Upper  
 228 100  
 226 63.6 22.9 34.3#  
 229 62.9 16.6 24.8#

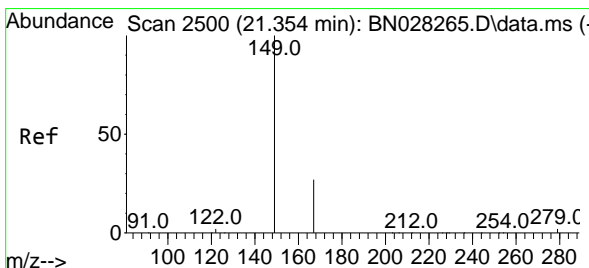
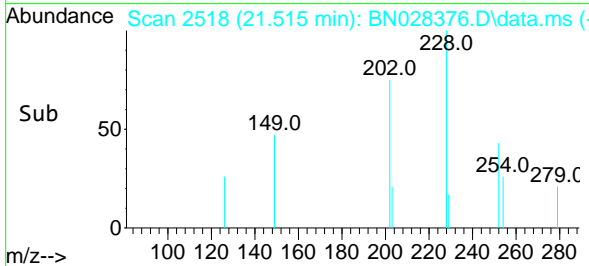
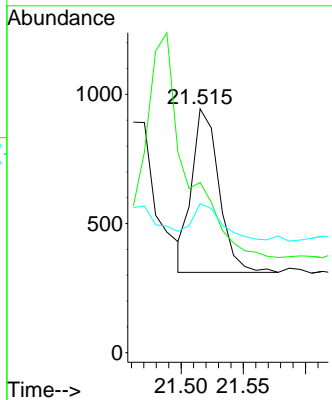
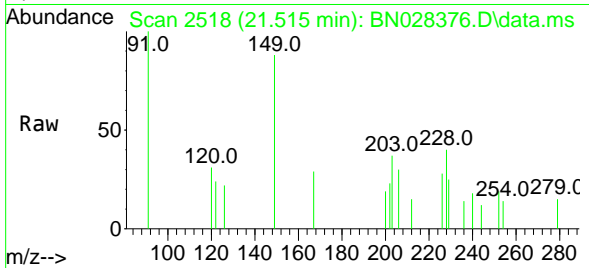




#33  
 Chrysene  
 Concen: 0.026 ng  
 RT: 21.515 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

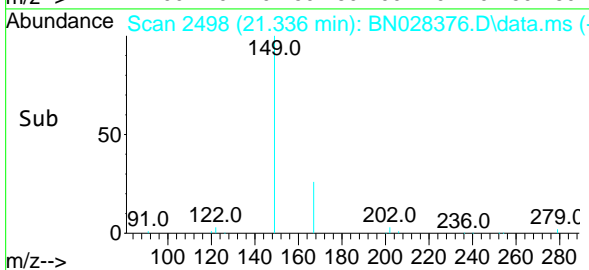
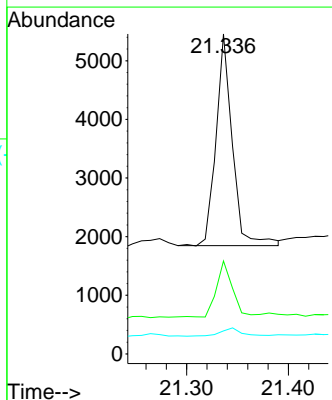
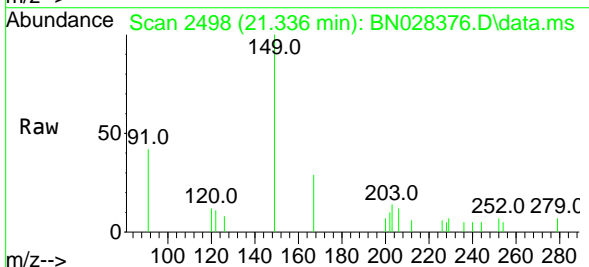
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-6I

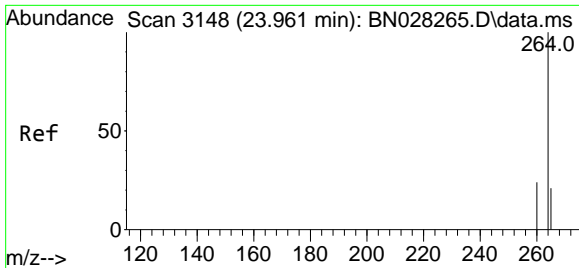
Tgt Ion	Resp	Lower	Upper
228	100		
226	69.8	25.2	37.8#
229	61.1	16.6	25.0#



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.139 ng  
 RT: 21.336 min Scan# 2498  
 Delta R.T. -0.009 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

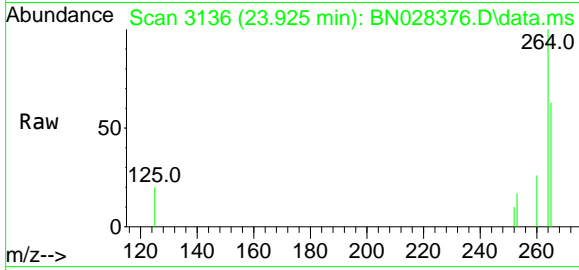
Tgt Ion	Resp	Lower	Upper
149	100		
167	25.2	22.6	34.0
279	4.9	4.2	6.2



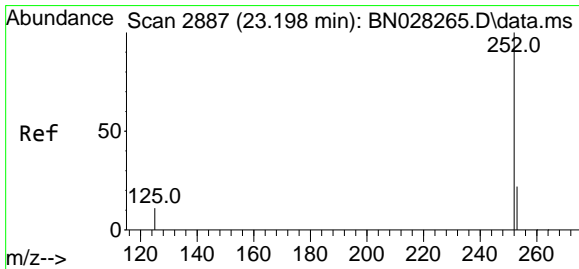
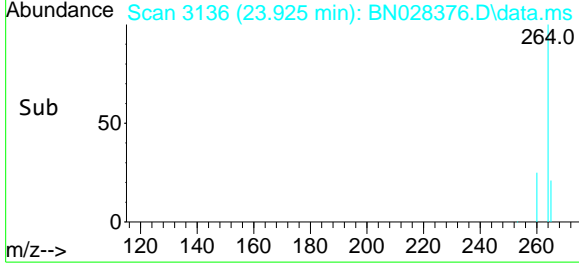
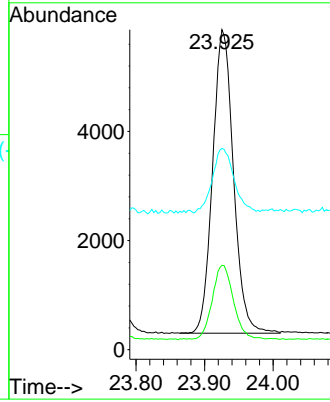


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.925 min Scan# 3136  
 Delta R.T. -0.012 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Instrument : BNA\_N  
 ClientSampleId : MW-6I



Tgt Ion:264 Resp: 11718  
 Ion Ratio Lower Upper  
 264 100  
 260 26.4 20.7 31.1  
 265 62.9 38.3 57.5#



#37  
 Benzo(b)fluoranthene  
 Concen: 0.026 ng  
 RT: 23.174 min Scan# 2879  
 Delta R.T. -0.003 min  
 Lab File: BN028376.D  
 Acq: 24 Oct 2023 13:46

Tgt Ion:252 Resp: 970  
 Ion Ratio Lower Upper  
 252 100  
 253 107.1 21.8 32.8#  
 125 123.0 15.6 23.4#

