

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082823\  
 Data File : BF134958.D  
 Acq On : 28 Aug 2023 09:28  
 Operator : CG\JU  
 Sample : PB155019BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL

Quant Time: Aug 29 03:45:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 28 02:45:19 2023  
 Response via : Initial Calibration

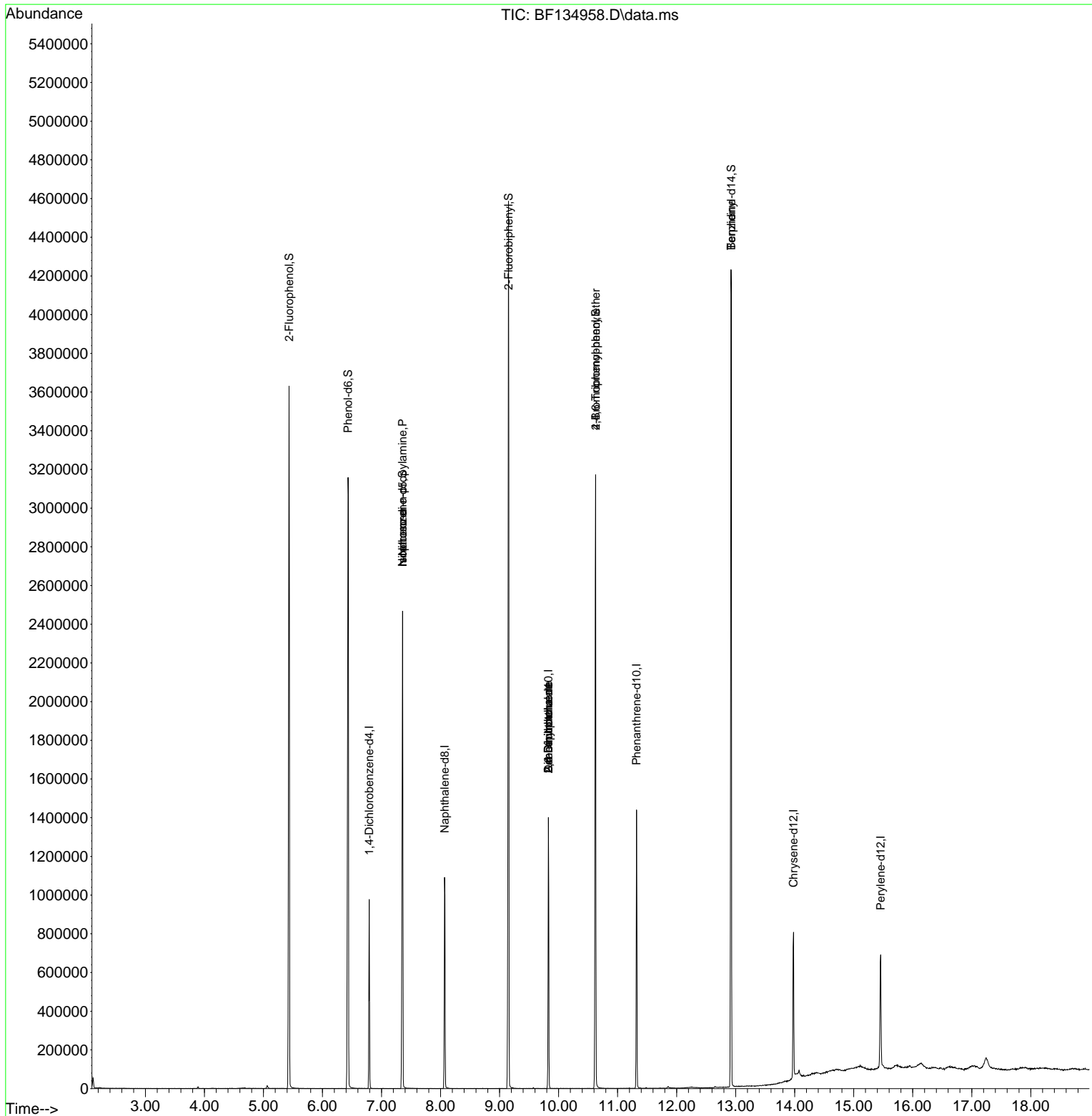
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	127383	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	514216	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	271044	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	503320	20.000	ng	0.00
76) Chrysene-d12	13.980	240	258170	20.000	ng	0.00
86) Perylene-d12	15.457	264	267395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1067533	133.640	ng	0.01
7) Phenol-d6	6.434	99	1357226	132.966	ng	0.00
23) Nitrobenzene-d5	7.357	82	849126	90.993	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	413301	129.471	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1549960	88.402	ng	0.00
79) Terphenyl-d14	12.927	244	1678178	89.405	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	115663	19.402	ng	# 77
25) Isophorone	7.357	82	845132	48.500	ng	# 64
50) Dimethylphthalate	9.828	163	51334	2.661	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	35151	8.261	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	35151	6.680	ng	# 25
67) 4-Bromophenyl-phenylether	10.627	248	27030	4.655	ng	# 1
77) Benzidine	12.927	184	21038	5.022	ng	# 93

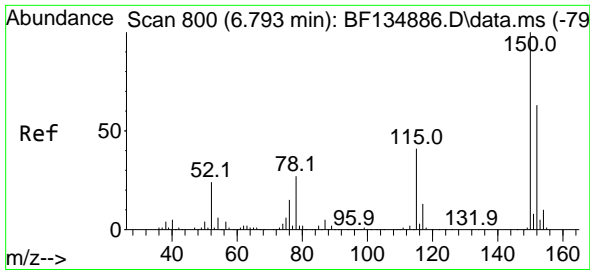
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082823\  
 Data File : BF134958.D  
 Acq On : 28 Aug 2023 09:28  
 Operator : CG\JU  
 Sample : PB155019BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL

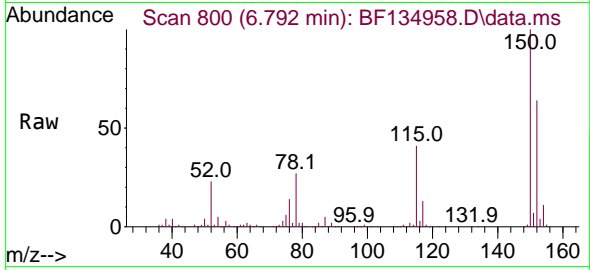
Quant Time: Aug 29 03:45:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 28 02:45:19 2023  
 Response via : Initial Calibration



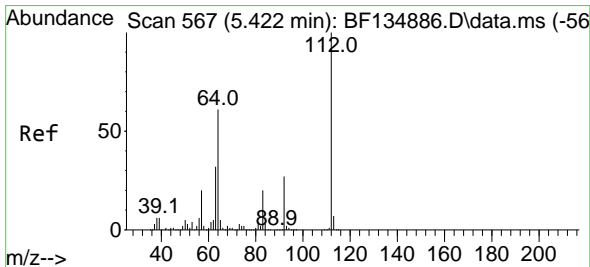
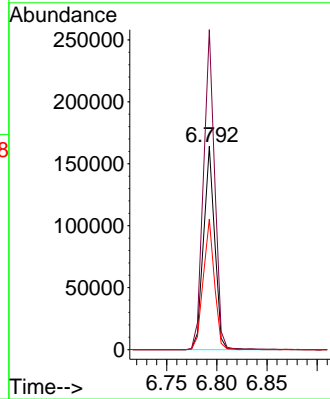
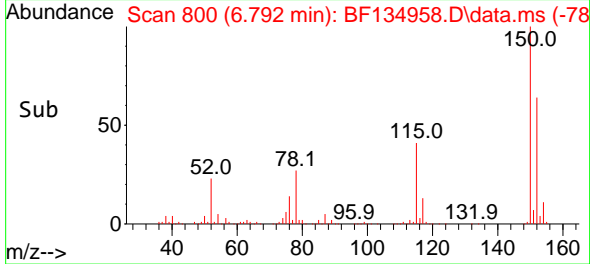


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.792 min Scan# 80  
 Delta R.T. -0.001 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

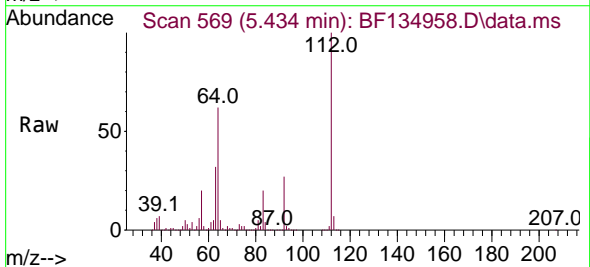
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL



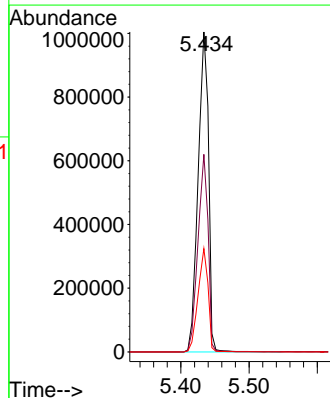
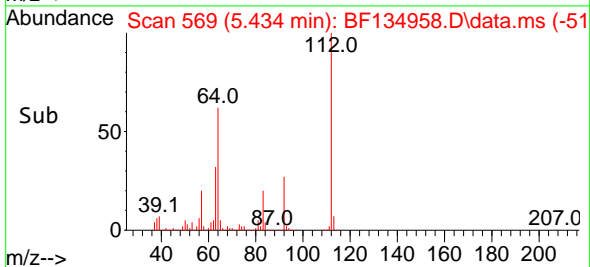
Tgt Ion:152 Resp: 127383  
 Ion Ratio Lower Upper  
 152 100  
 150 157.5 126.1 189.1  
 115 64.3 51.1 76.7

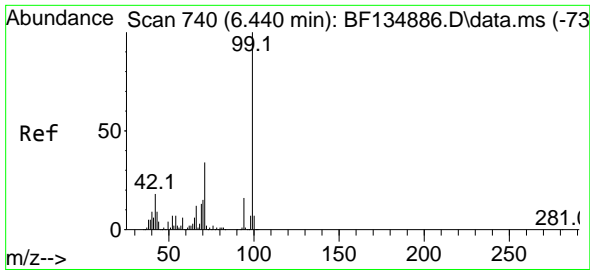


#5  
 2-Fluorophenol  
 Concen: 133.640 ng  
 RT: 5.434 min Scan# 569  
 Delta R.T. 0.012 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28



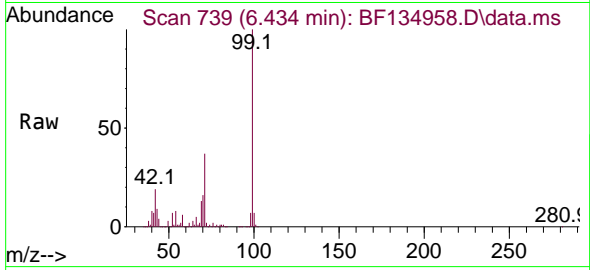
Tgt Ion:112 Resp: 1067533  
 Ion Ratio Lower Upper  
 112 100  
 64 61.7 48.6 73.0  
 63 32.3 25.7 38.5



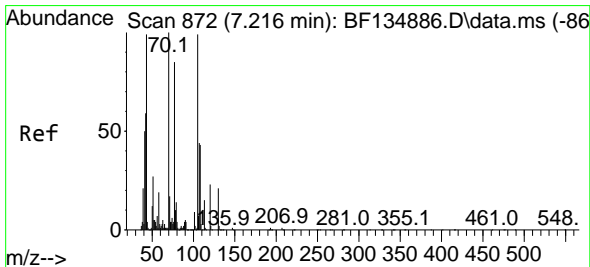
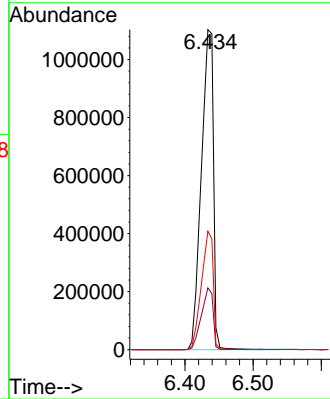
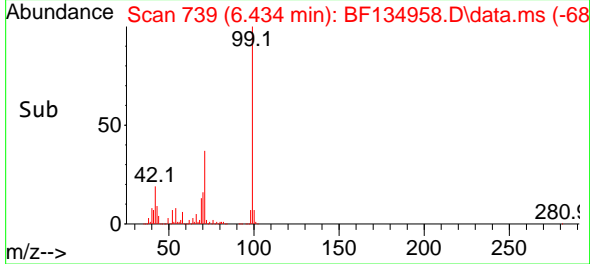


#7  
 Phenol-d6  
 Concen: 132.966 ng  
 RT: 6.434 min Scan# 740  
 Delta R.T. -0.006 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

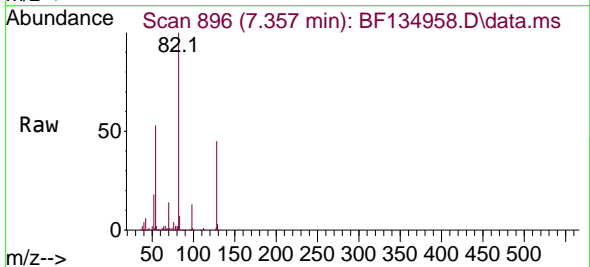
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL



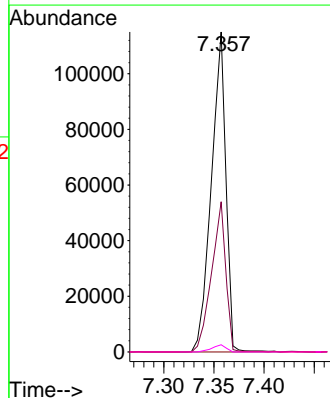
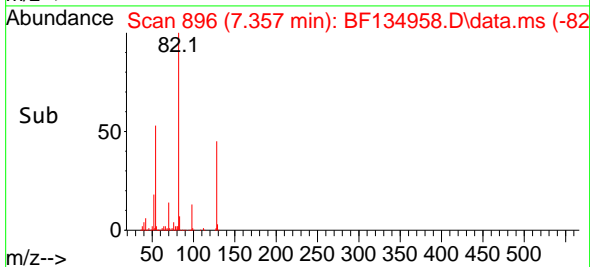
Tgt Ion: 99 Resp: 1357226  
 Ion Ratio Lower Upper  
 99 100  
 42 19.3 14.6 22.0  
 71 37.0 27.6 41.4

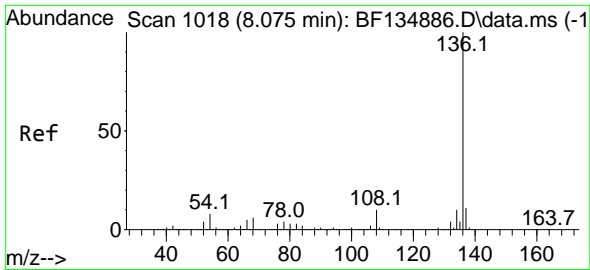


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 19.402 ng  
 RT: 7.357 min Scan# 896  
 Delta R.T. 0.141 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28



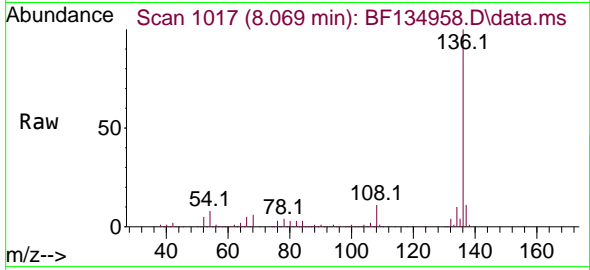
Tgt Ion: 70 Resp: 115663  
 Ion Ratio Lower Upper  
 70 100  
 42 46.9 46.9 70.3  
 101 0.0 7.5 11.3#  
 130 2.2 16.9 25.3#



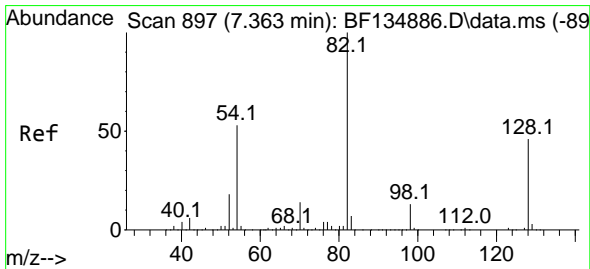
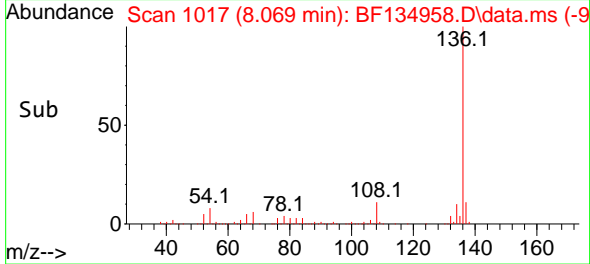
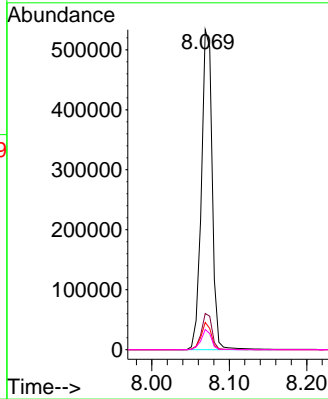


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.069 min Scan# 10  
 Delta R.T. -0.006 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL

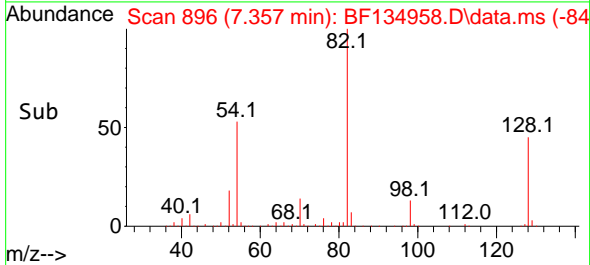
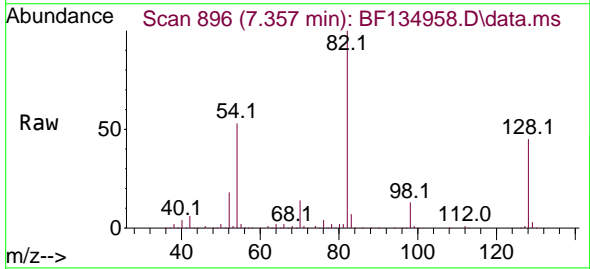
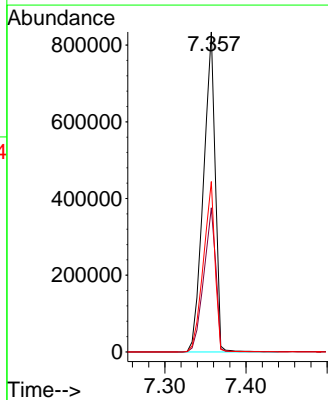


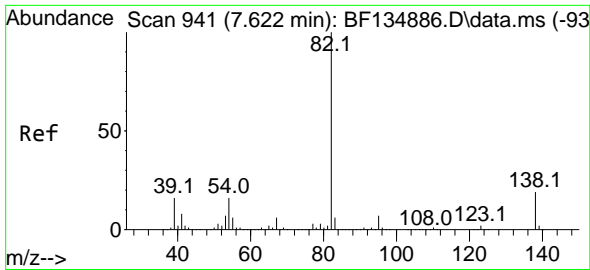
Tgt Ion:136 Resp: 514216  
 Ion Ratio Lower Upper  
 136 100  
 137 11.3 8.9 13.3  
 54 8.5 6.6 9.8  
 68 6.3 5.0 7.4



#23  
 Nitrobenzene-d5  
 Concen: 90.993 ng  
 RT: 7.357 min Scan# 896  
 Delta R.T. -0.006 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

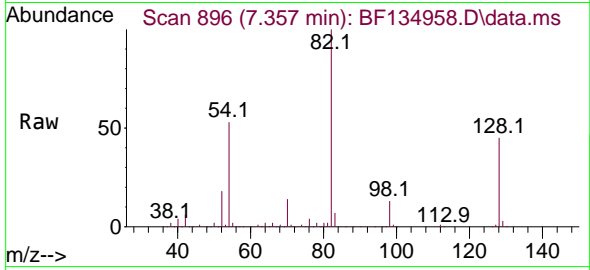
Tgt Ion: 82 Resp: 849126  
 Ion Ratio Lower Upper  
 82 100  
 128 45.0 36.6 54.8  
 54 53.2 42.6 63.8



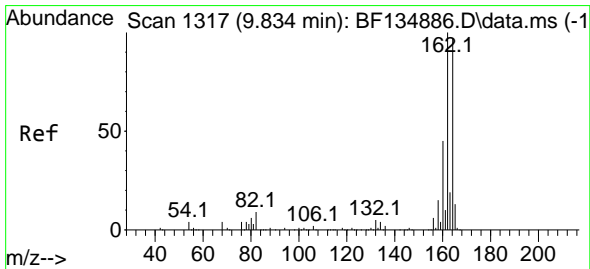
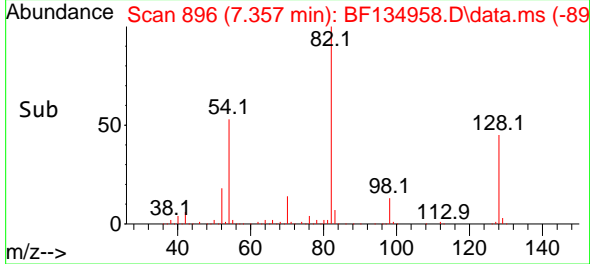
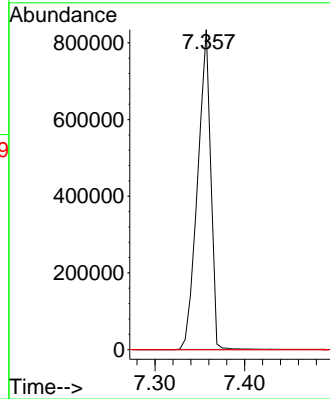


#25  
 Isophorone  
 Concen: 48.500 ng  
 RT: 7.357 min Scan# 89  
 Delta R.T. -0.265 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL

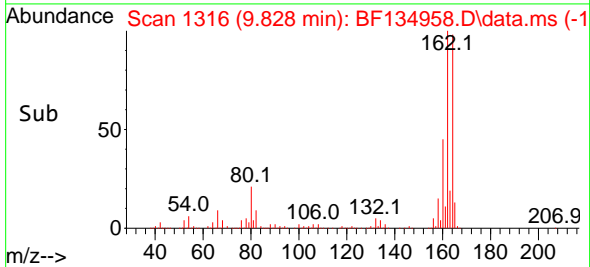
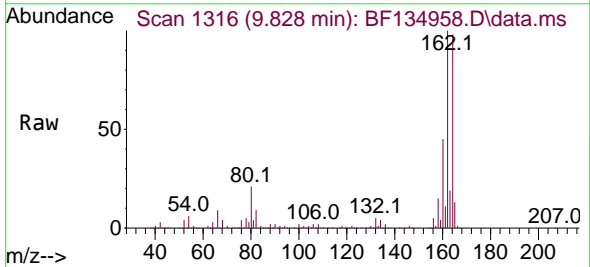
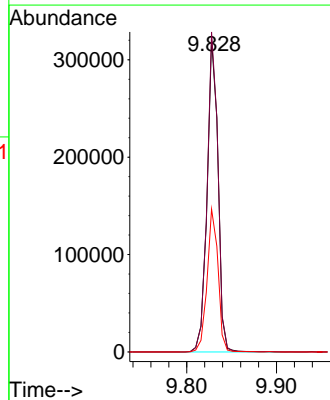


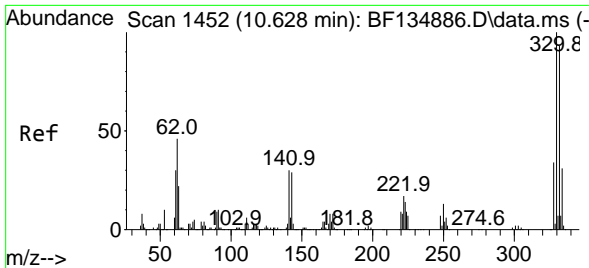
Tgt Ion: 82 Resp: 845132  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.9 8.9#  
 138 0.0 14.9 22.3#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.828 min Scan# 1316  
 Delta R.T. -0.006 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Tgt Ion: 164 Resp: 271044  
 Ion Ratio Lower Upper  
 164 100  
 162 102.4 82.6 123.8  
 160 45.7 37.0 55.4

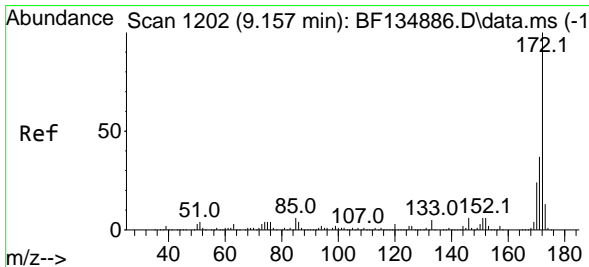
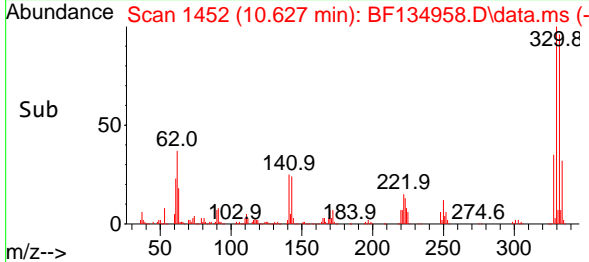
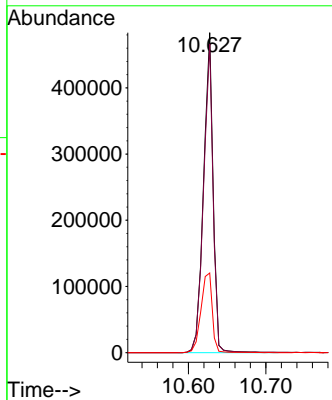
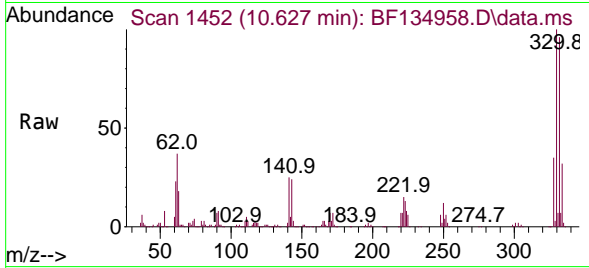




#42  
 2,4,6-Tribromophenol  
 Concen: 129.471 ng  
 RT: 10.627 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

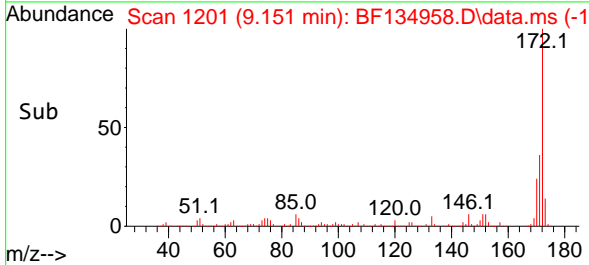
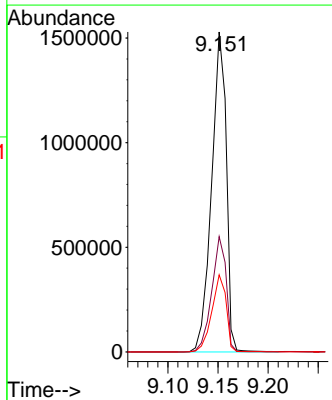
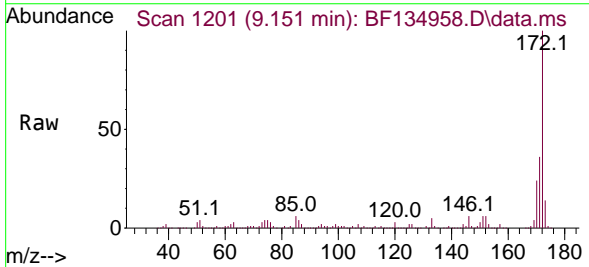
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL

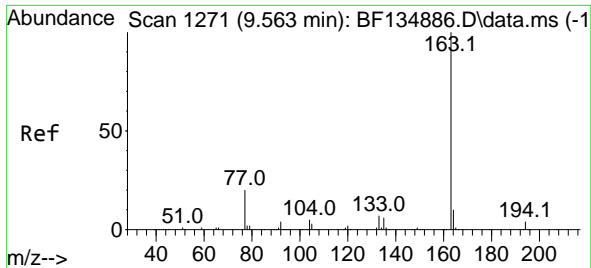
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.6	76.3	114.5
141	29.4	23.4	35.2



#45  
 2-Fluorobiphenyl  
 Concen: 88.402 ng  
 RT: 9.151 min Scan# 1201  
 Delta R.T. -0.006 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.1	19.6	29.4





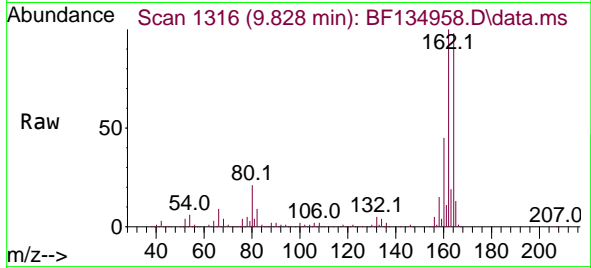
#50  
 Dimethylphthalate  
 Concen: 2.661 ng  
 RT: 9.828 min Scan# 1316  
 Delta R.T. 0.265 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Instrument :

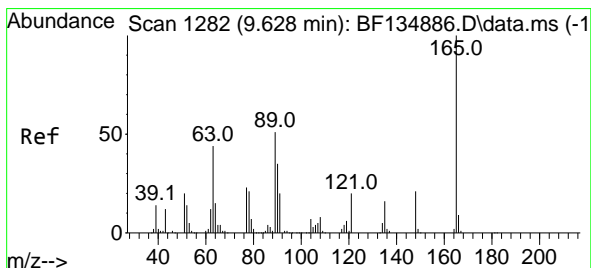
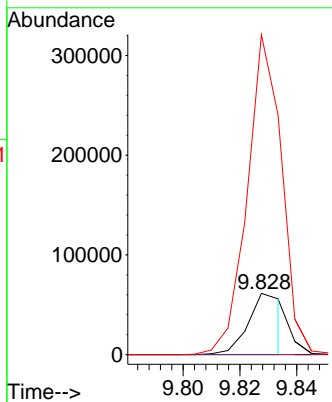
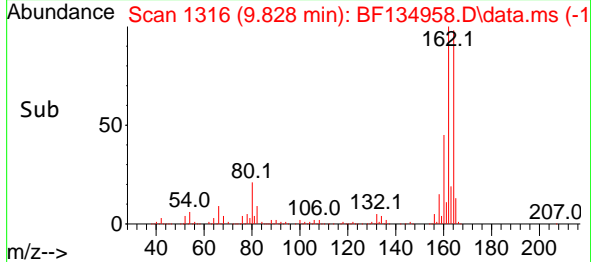
BNA\_F

ClientSampleId :

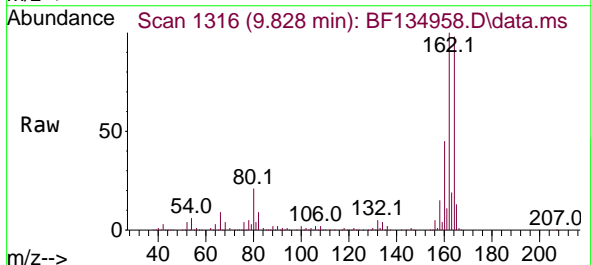
PB155019BL



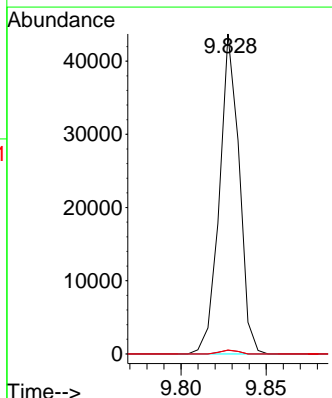
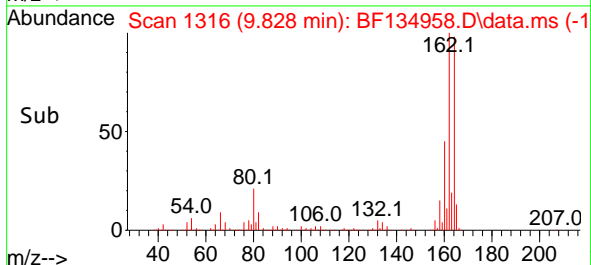
Tgt Ion:163 Resp: 51334  
 Ion Ratio Lower Upper  
 163 100  
 194 0.0 3.2 4.8#  
 164 523.2 8.2 12.4#



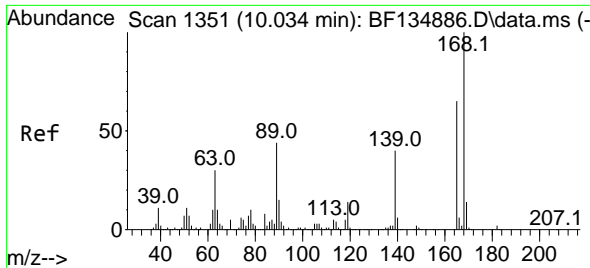
#51  
 2,6-Dinitrotoluene  
 Concen: 8.261 ng  
 RT: 9.828 min Scan# 1316  
 Delta R.T. 0.200 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28



Tgt Ion:165 Resp: 35151  
 Ion Ratio Lower Upper  
 165 100  
 63 1.1 41.4 62.2#  
 89 1.2 40.9 61.3#

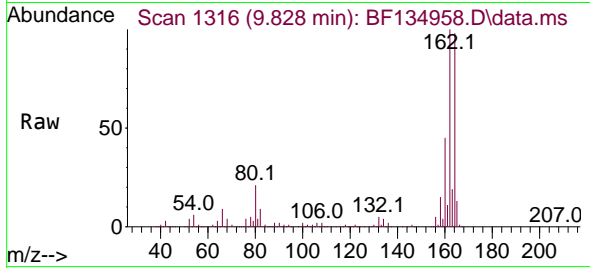




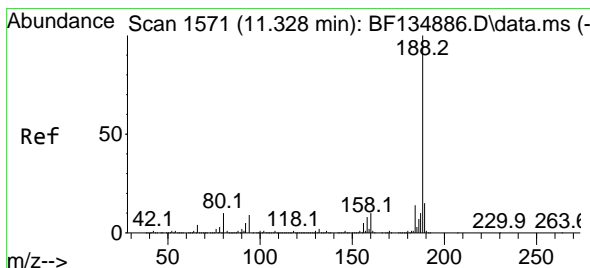
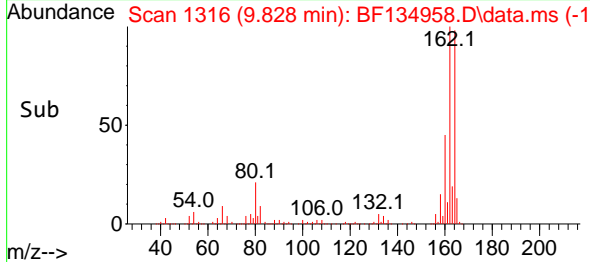
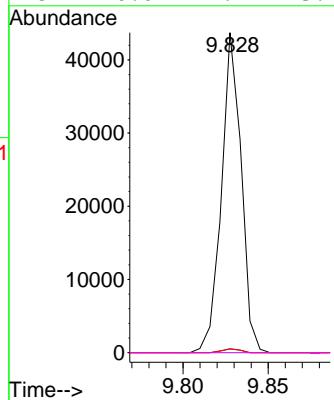


#57  
 2,4-Dinitrotoluene  
 Concen: 6.680 ng  
 RT: 9.828 min Scan# 1316  
 Delta R.T. -0.206 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL

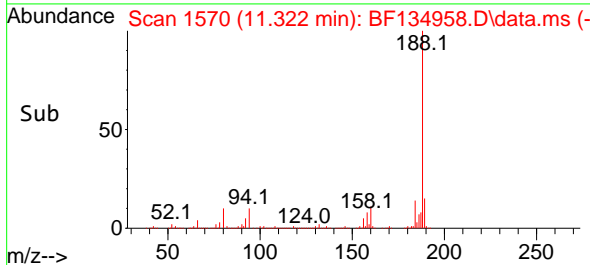
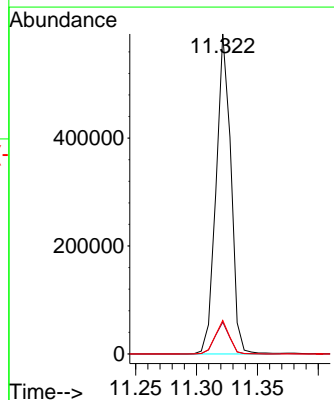
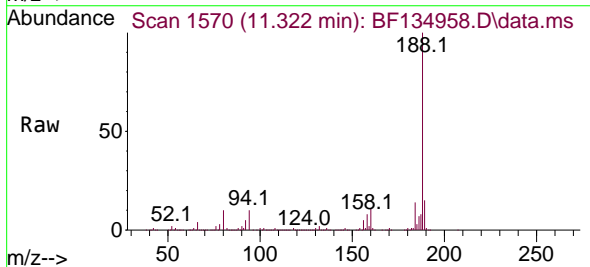


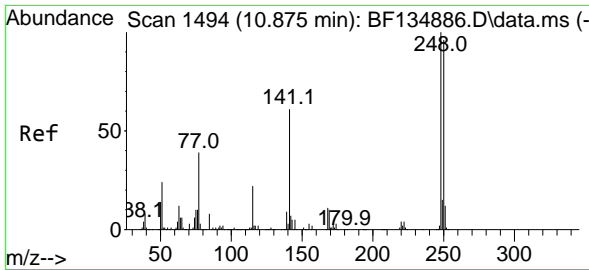
Tgt Ion:165 Resp: 35151  
 Ion Ratio Lower Upper  
 165 100  
 63 1.1 37.7 56.5#  
 89 1.2 54.2 81.4#  
 182 0.0 2.2 3.2#



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.322 min Scan# 1570  
 Delta R.T. -0.006 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Tgt Ion:188 Resp: 503320  
 Ion Ratio Lower Upper  
 188 100  
 94 10.0 7.5 11.3  
 80 10.5 7.8 11.6

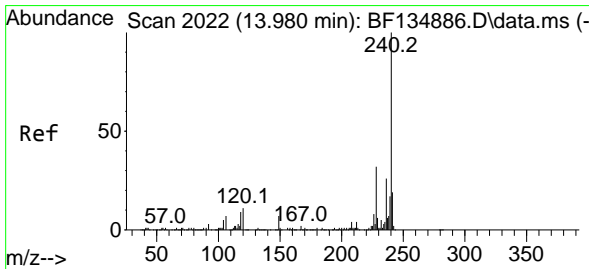
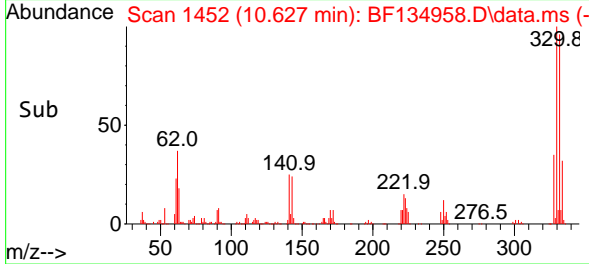
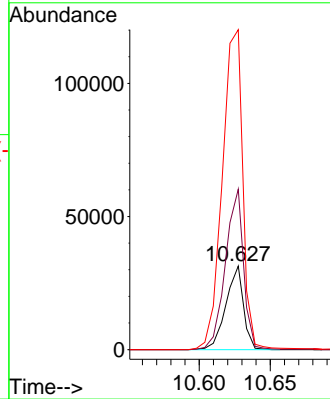
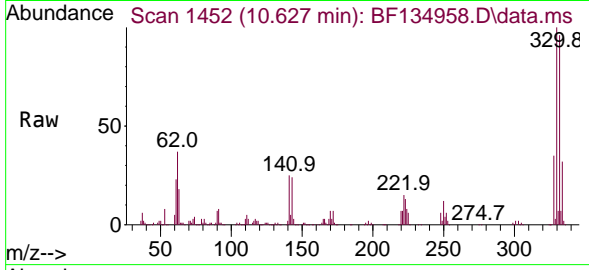




#67  
 4-Bromophenyl-phenylether  
 Concen: 4.655 ng  
 RT: 10.627 min Scan# 1494  
 Delta R.T. -0.248 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

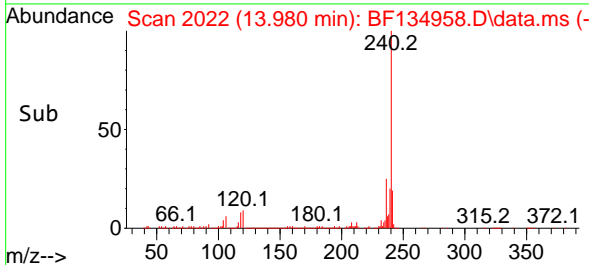
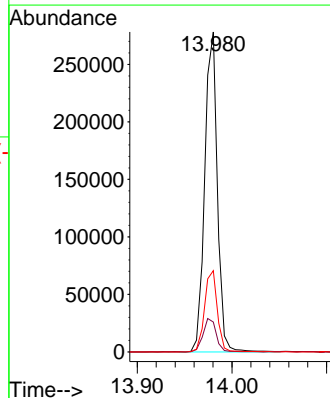
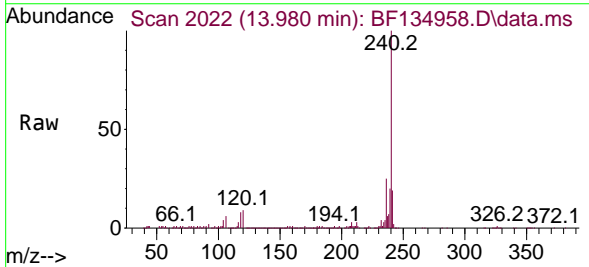
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL

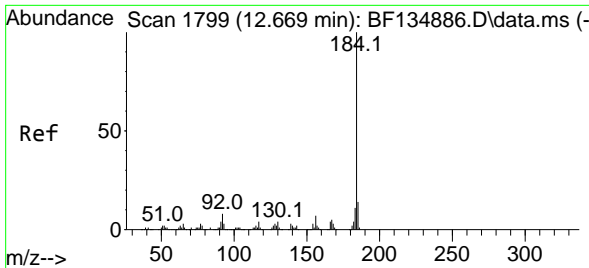
Tgt Ion:248 Resp: 27030  
 Ion Ratio Lower Upper  
 248 100  
 250 191.8 77.1 115.7#  
 141 382.8 49.0 73.4#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.980 min Scan# 2022  
 Delta R.T. -0.000 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Tgt Ion:240 Resp: 258170  
 Ion Ratio Lower Upper  
 240 100  
 120 9.3 8.6 12.8  
 236 25.4 20.6 31.0



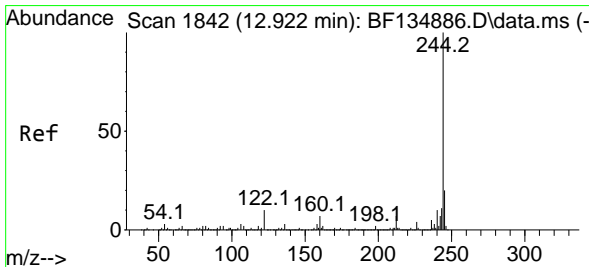
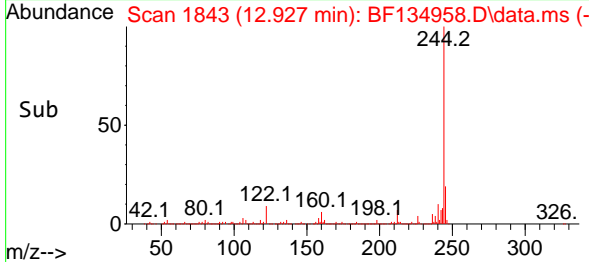
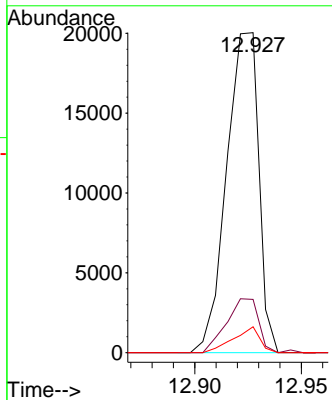
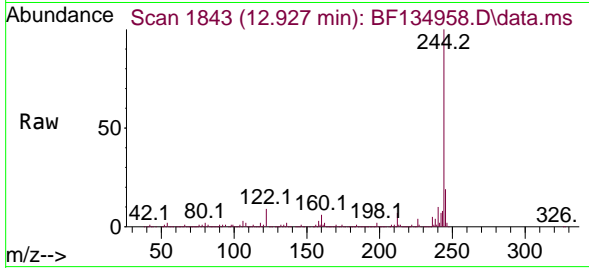


#77  
 Benzidine  
 Concen: 5.022 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. 0.258 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Instrument : BNA\_F  
 ClientSampleId : PB155019BL

Tgt Ion:184 Resp: 21038

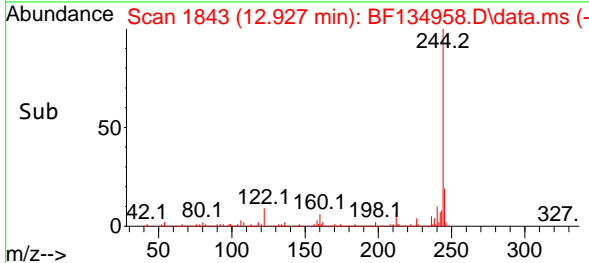
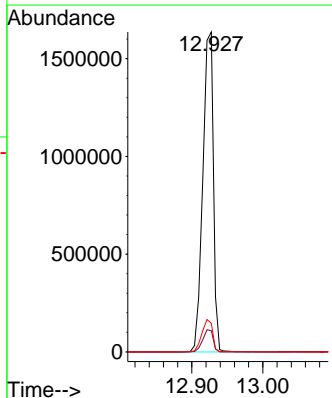
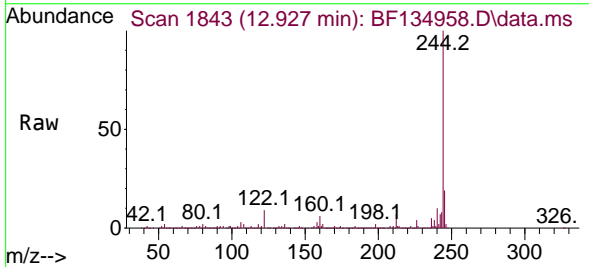
Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.4	17.0
183	8.1	9.0	13.4

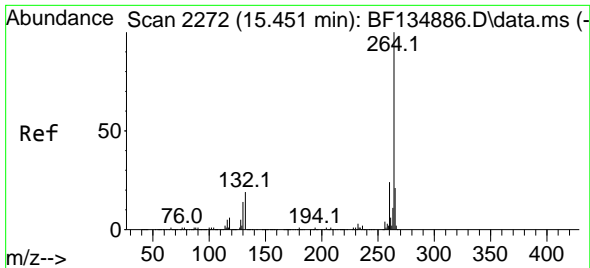


#79  
 Terphenyl-d14  
 Concen: 89.405 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. 0.005 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Tgt Ion:244 Resp: 1678178

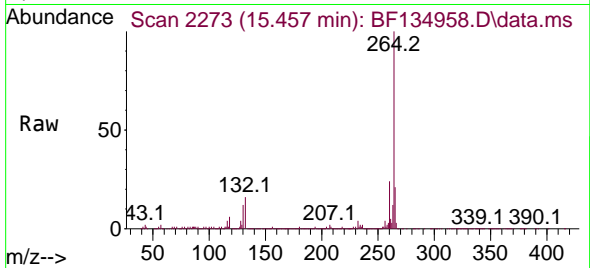
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.9	8.2	12.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.457 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF134958.D  
 Acq: 28 Aug 2023 09:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155019BL



Tgt Ion:264 Resp: 267395

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.4	17.1	25.7

