

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022625\  
 Data File : BF141783.D  
 Acq On : 26 Feb 2025 15:29  
 Operator : RC/JU  
 Sample : Q1422-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-154-SB01

Quant Time: Feb 26 15:54:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

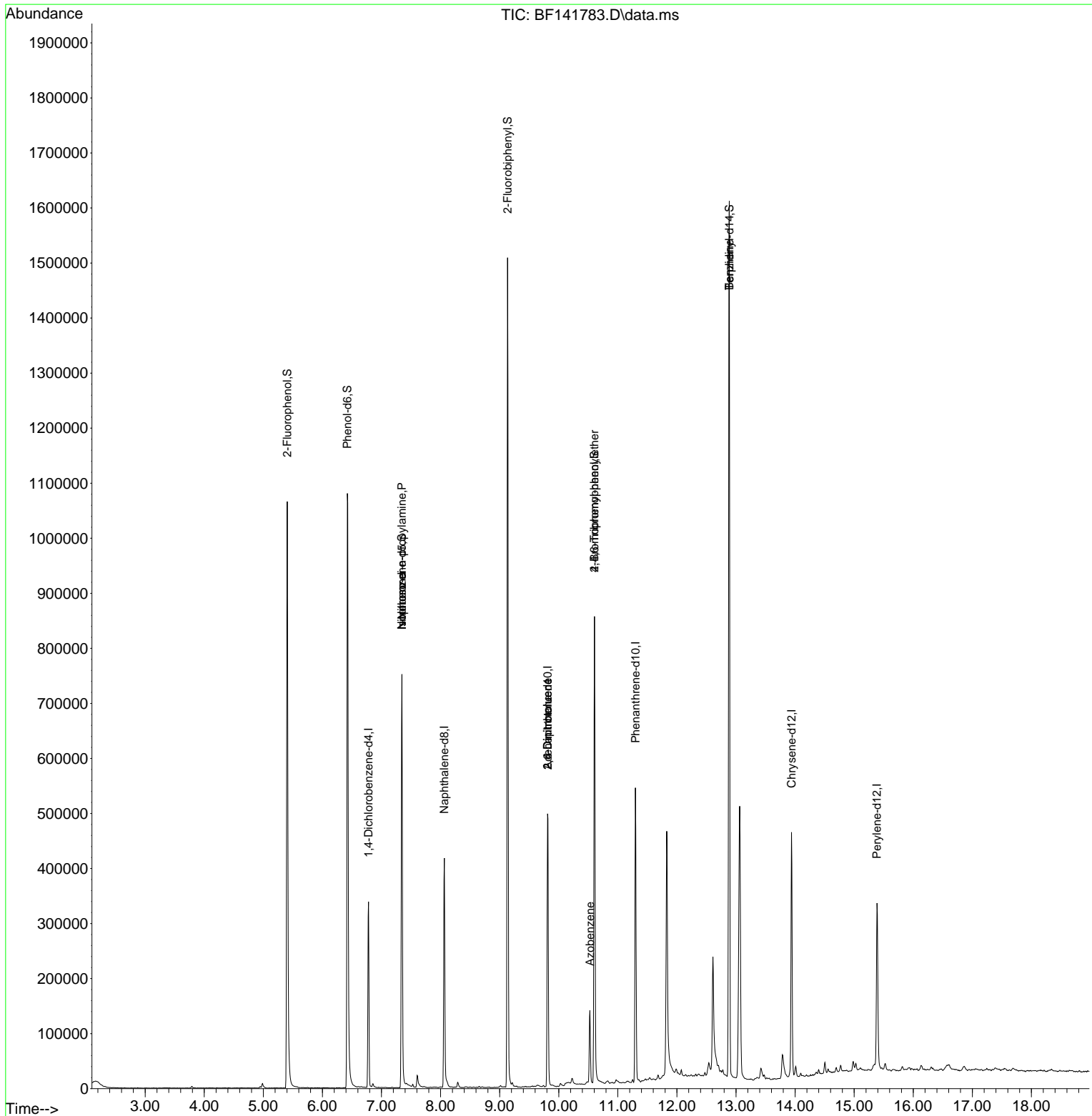
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72268	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	292697	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	159017	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	283246	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	228691	20.000	ng	-0.02
86) Perylene-d12	15.386	264	192278	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	445168	96.572	ng	0.00
7) Phenol-d6	6.422	99	560982	96.285	ng	-0.02
23) Nitrobenzene-d5	7.345	82	350583	62.473	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	145952	91.369	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	672054	65.112	ng	-0.02
79) Terphenyl-d14	12.886	244	822259	60.698	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	45633	13.094	ng	# 71
25) Isophorone	7.345	82	342798	38.311	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	21434	9.083	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	21434	6.823	ng	# 19
63) Azobenzene	10.528	77	32917	3.117	ng	# 1
67) 4-Bromophenyl-phenylether	10.604	248	9864	3.116	ng	# 1
77) Benzidine	12.886	184	10636	2.109	ng	# 89

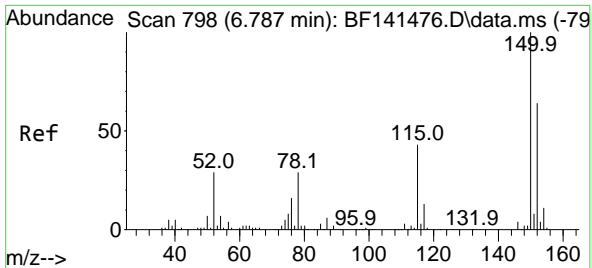
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022625\  
 Data File : BF141783.D  
 Acq On : 26 Feb 2025 15:29  
 Operator : RC/JU  
 Sample : Q1422-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
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 B-154-SB01

Quant Time: Feb 26 15:54:54 2025  
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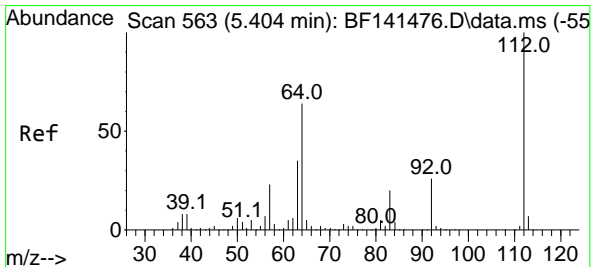
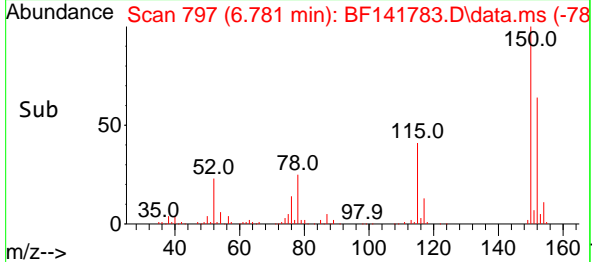
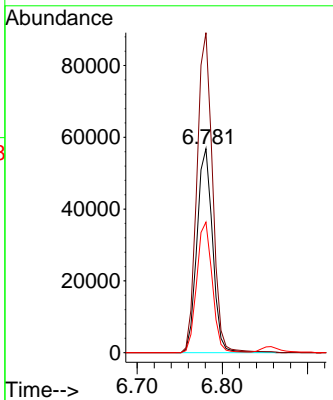
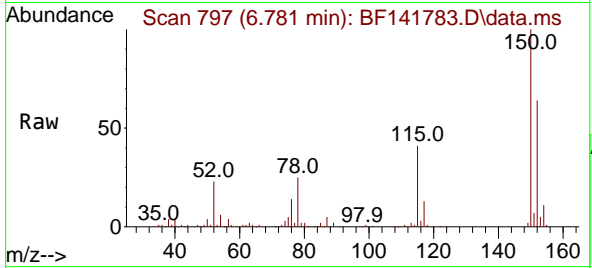




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 798  
 Delta R.T. -0.011 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

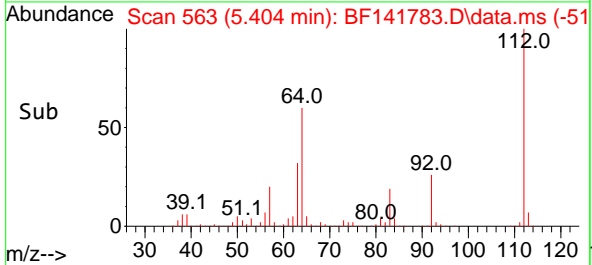
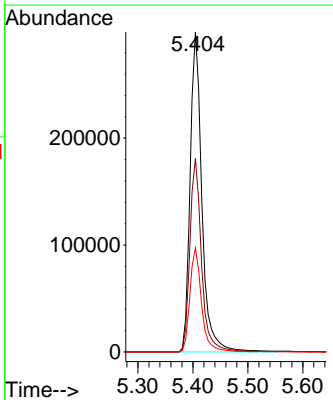
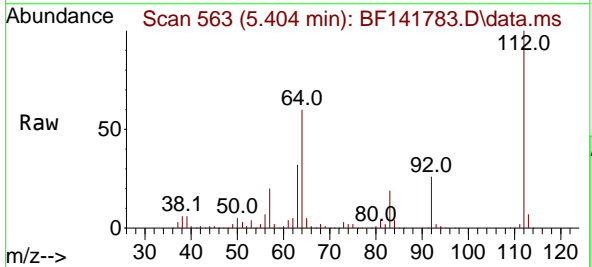
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 ClientSampleId :  
 B-154-SB01

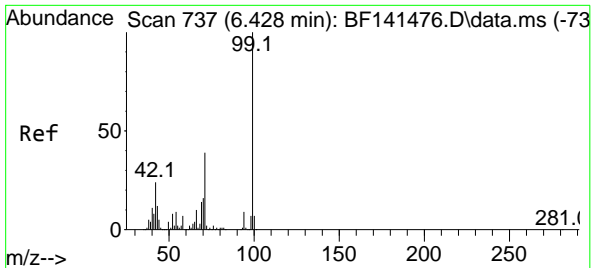
Tgt Ion:152 Resp: 72268  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 125.0 187.4  
 115 64.0 53.6 80.4



#5  
 2-Fluorophenol  
 Concen: 96.572 ng  
 RT: 5.404 min Scan# 563  
 Delta R.T. -0.006 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Tgt Ion:112 Resp: 445168  
 Ion Ratio Lower Upper  
 112 100  
 64 60.4 51.1 76.7  
 63 32.5 28.4 42.6

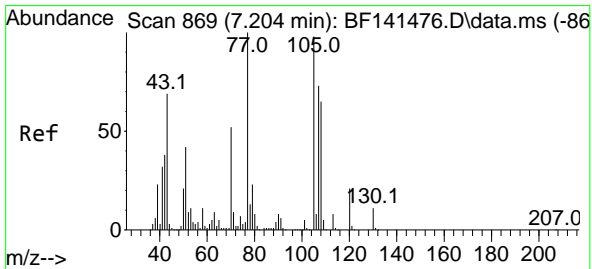
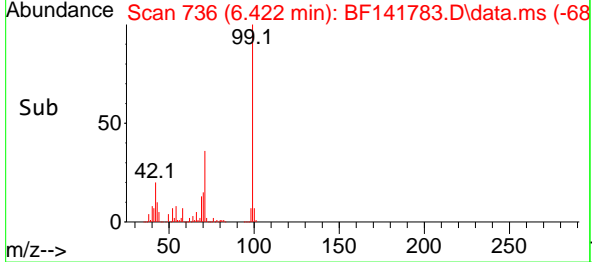
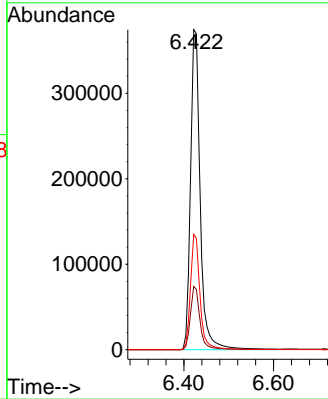
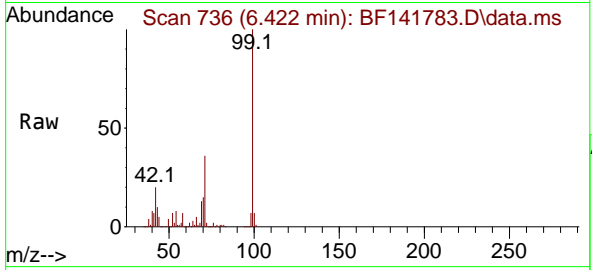




#7  
 Phenol-d6  
 Concen: 96.285 ng  
 RT: 6.422 min Scan# 71  
 Delta R.T. -0.017 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

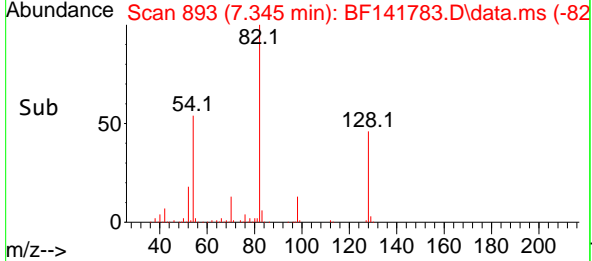
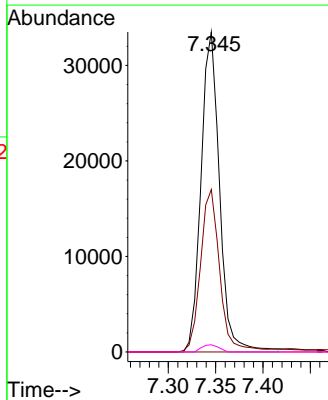
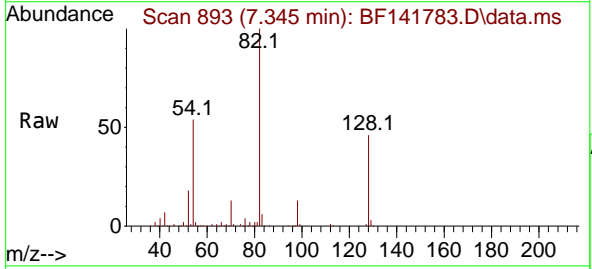
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 B-154-SB01

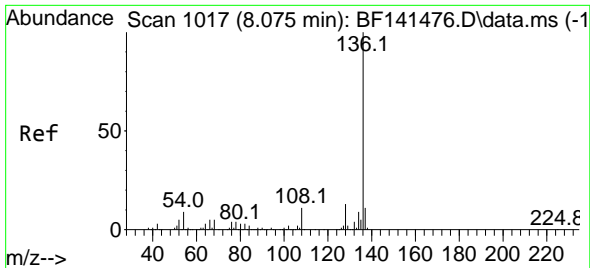
Tgt Ion	Resp	Lower	Upper
99	100		
42	19.8	19.1	28.7
71	36.1	31.1	46.7



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 13.094 ng  
 RT: 7.345 min Scan# 893  
 Delta R.T. 0.130 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Tgt Ion	Resp	Lower	Upper
70	100		
42	50.8	57.4	86.2#
101	0.0	8.0	12.0#
130	2.3	16.9	25.3#



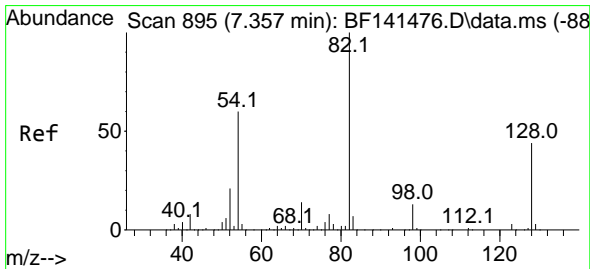
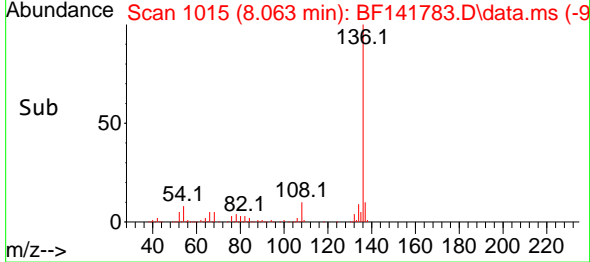
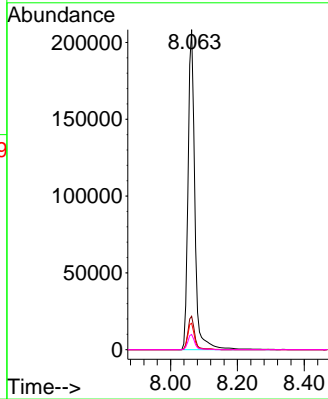
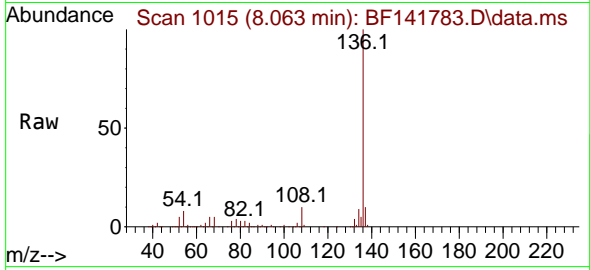


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.063 min Scan# 1015  
 Delta R.T. -0.012 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Instrument : BNA\_F  
 ClientSampleId : B-154-SB01

Tgt Ion: 136 Resp: 292697

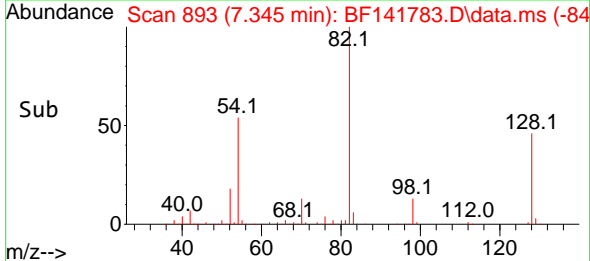
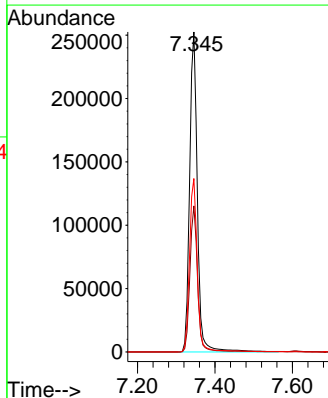
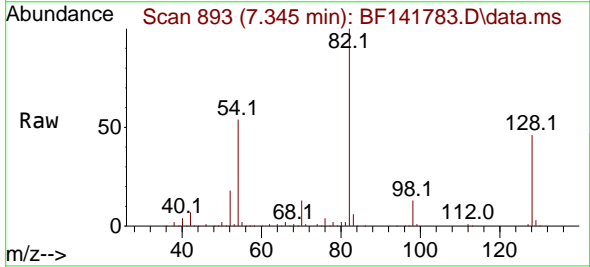
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.2	7.2	10.8
68	4.8	3.7	5.5

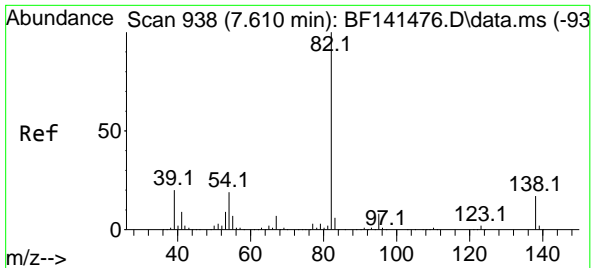


#23  
 Nitrobenzene-d5  
 Concen: 62.473 ng  
 RT: 7.345 min Scan# 893  
 Delta R.T. -0.017 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Tgt Ion: 82 Resp: 350583

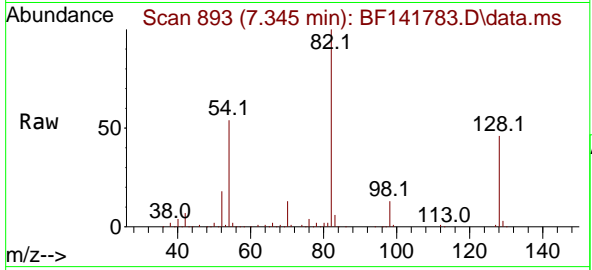
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.8	52.2
54	54.2	48.2	72.4



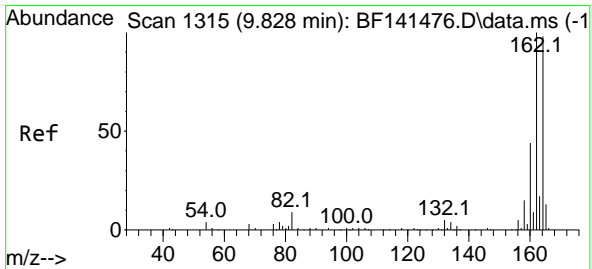
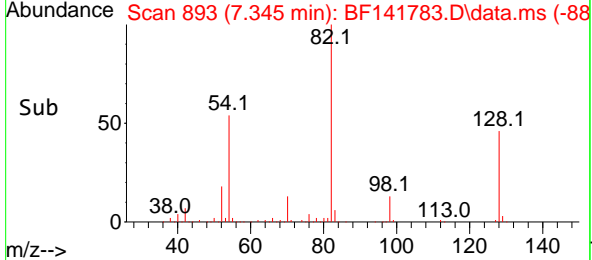
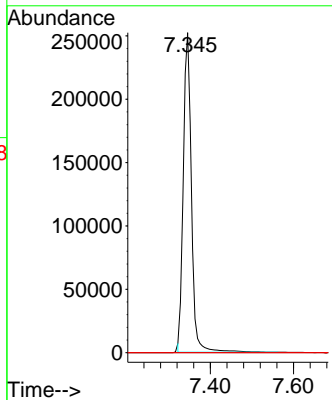


#25  
 Isophorone  
 Concen: 38.311 ng  
 RT: 7.345 min Scan# 89  
 Delta R.T. -0.276 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-154-SB01

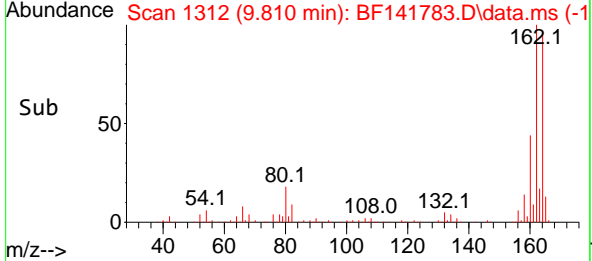
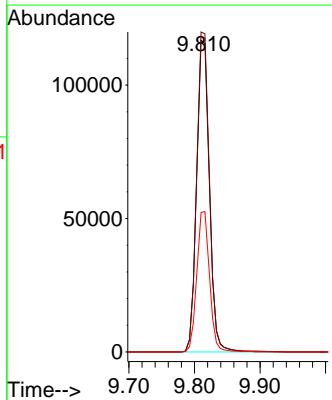
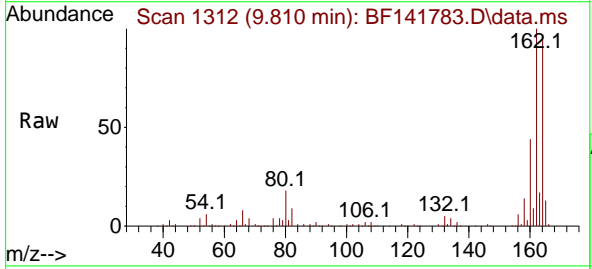


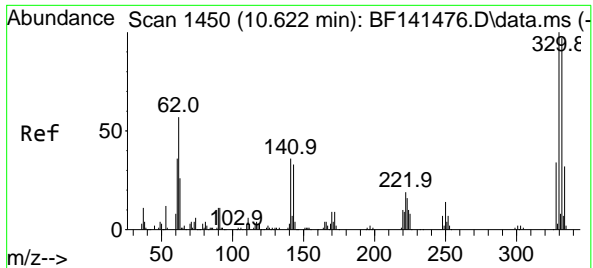
Tgt Ion: 82 Resp: 342798  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 6.4 9.6#  
 138 0.0 13.9 20.9#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.810 min Scan# 1312  
 Delta R.T. -0.023 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Tgt Ion: 164 Resp: 159017  
 Ion Ratio Lower Upper  
 164 100  
 162 102.6 81.3 121.9  
 160 44.8 35.9 53.9

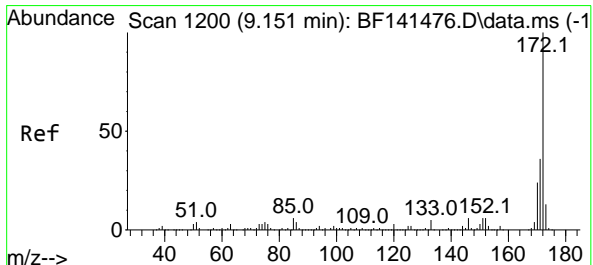
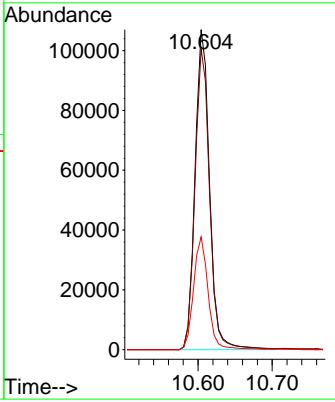
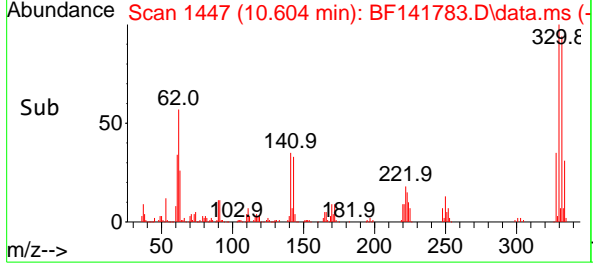
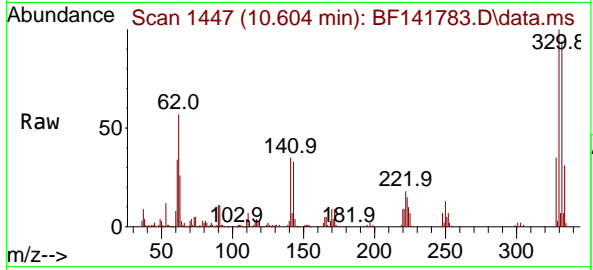




#42  
 2,4,6-Tribromophenol  
 Concen: 91.369 ng  
 RT: 10.604 min Scan# 1197  
 Delta R.T. -0.023 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

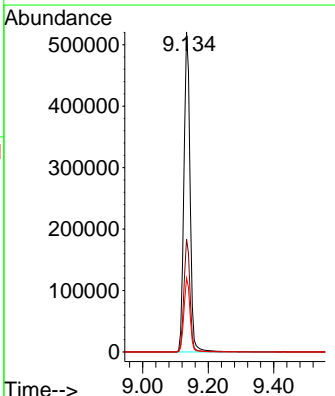
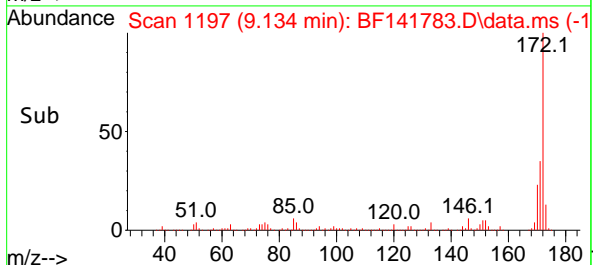
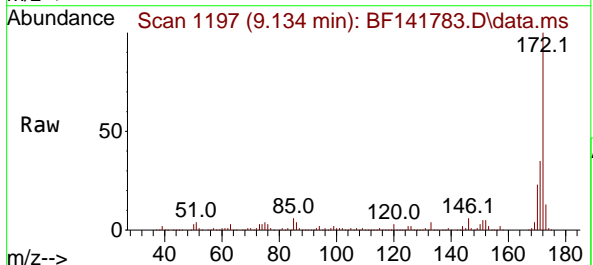
Instrument : BNA\_F  
 ClientSampleId : B-154-SB01

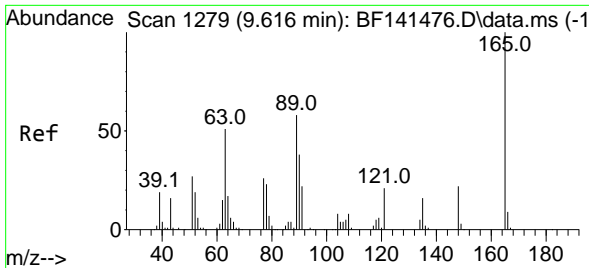
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.3	78.5	117.7
141	35.3	31.0	46.4



#45  
 2-Fluorobiphenyl  
 Concen: 65.112 ng  
 RT: 9.134 min Scan# 1197  
 Delta R.T. -0.017 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.0	18.9	28.3

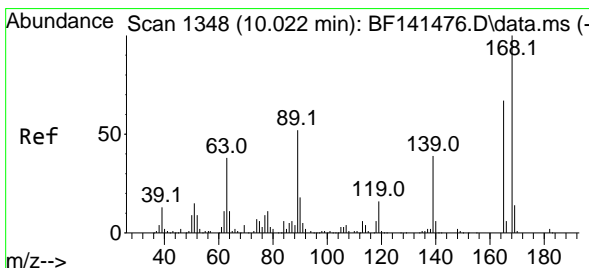
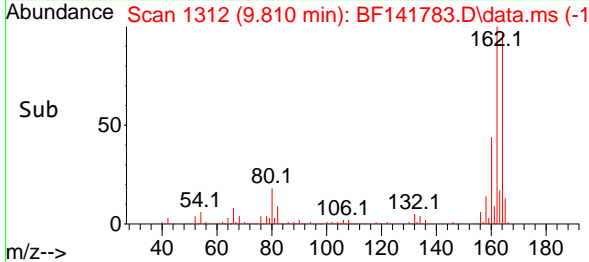
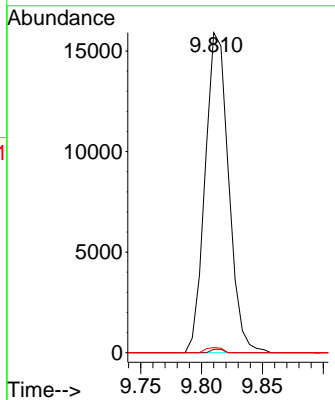
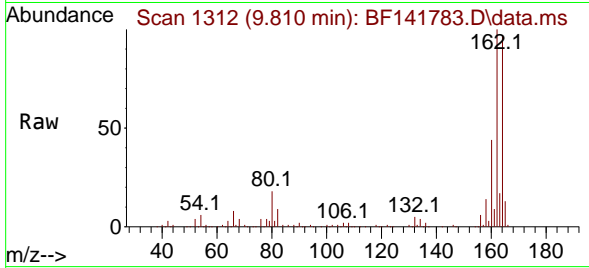




#51  
 2,6-Dinitrotoluene  
 Concen: 9.083 ng  
 RT: 9.810 min Scan# 1312  
 Delta R.T. 0.188 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

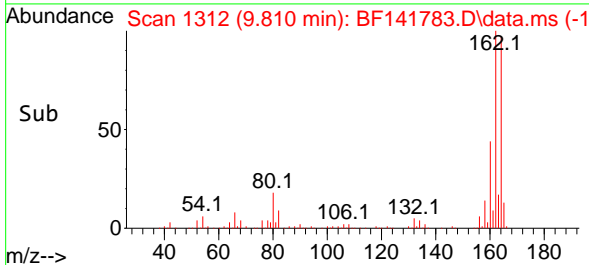
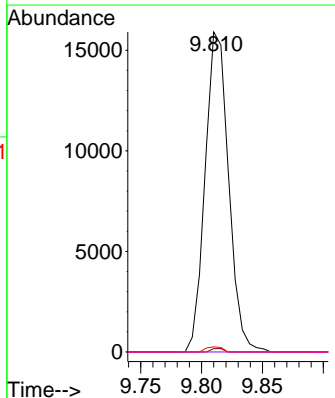
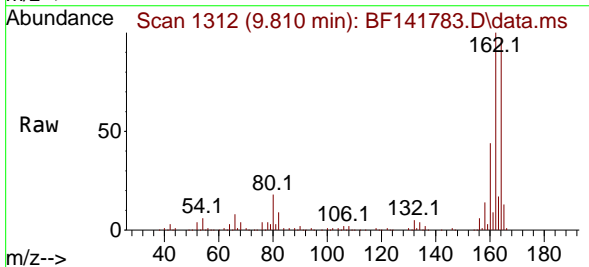
Instrument :  
 BNA\_F  
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 B-154-SB01

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.1	49.4	74.0#
89	1.6	46.5	69.7#

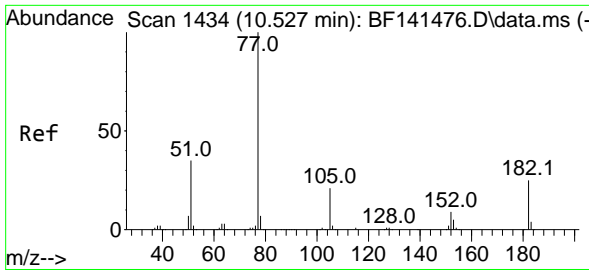


#57  
 2,4-Dinitrotoluene  
 Concen: 6.823 ng  
 RT: 9.810 min Scan# 1312  
 Delta R.T. -0.217 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.1	46.4	69.6#
89	1.6	61.8	92.6#
182	0.0	2.2	3.2#

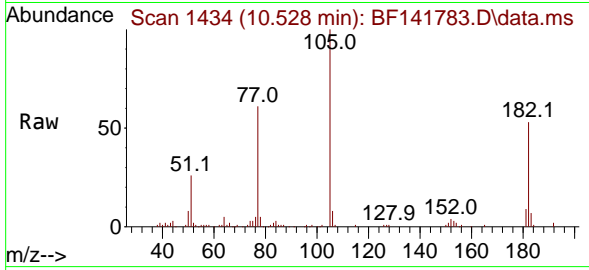






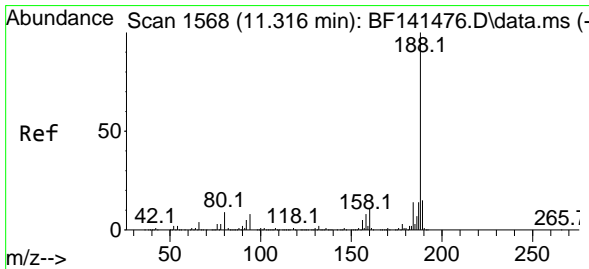
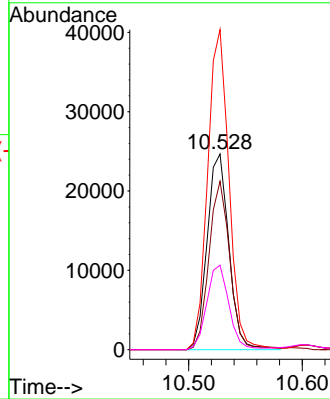
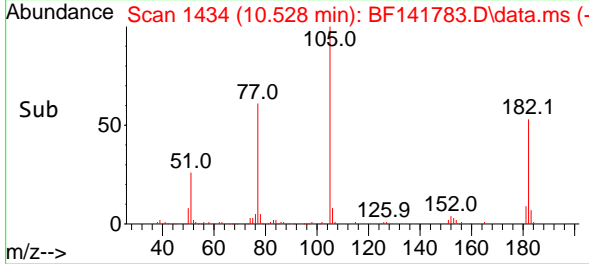
#63  
 Azobenzene  
 Concen: 3.117 ng  
 RT: 10.528 min Scan# 14  
 Delta R.T. -0.006 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Instrument :  
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 ClientSampleId :  
 B-154-SB01

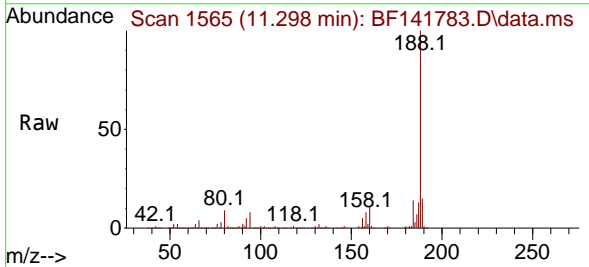


Tgt Ion: 77 Resp: 32917

Ion	Ratio	Lower	Upper
77	100		
182	86.0	4.7	44.7#
105	163.5	0.4	40.4#
51	43.2	16.5	56.5

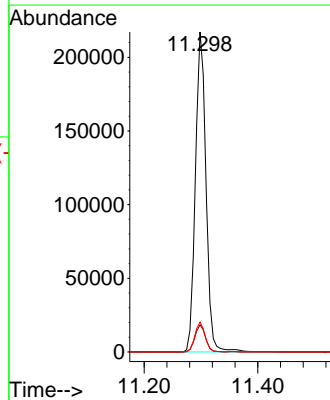
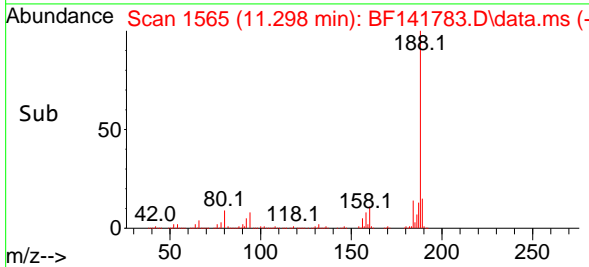


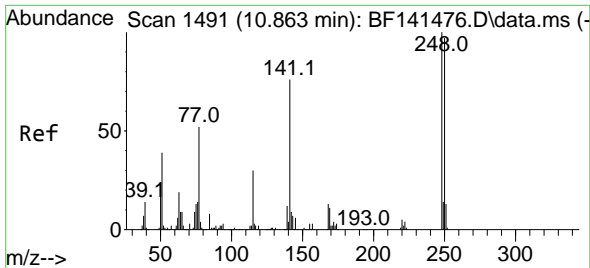
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.298 min Scan# 1565  
 Delta R.T. -0.017 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29



Tgt Ion: 188 Resp: 283246

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.4	7.3	10.9



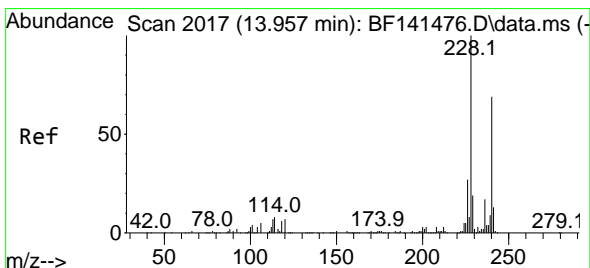
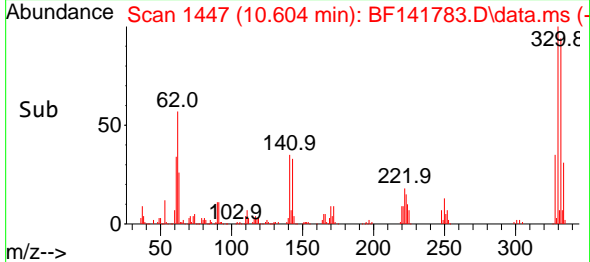
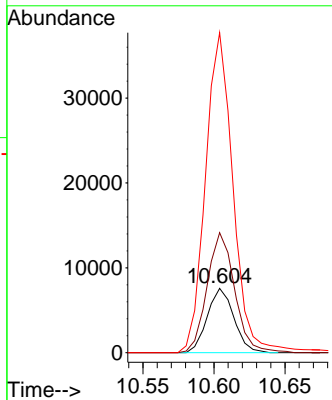
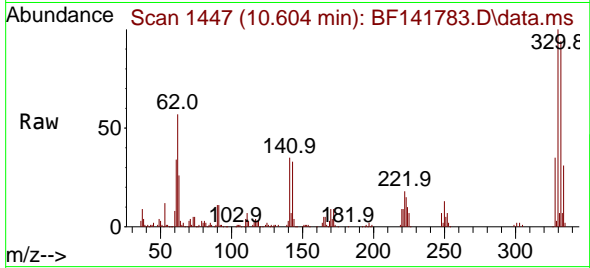


#67  
 4-Bromophenyl-phenylether  
 Concen: 3.116 ng  
 RT: 10.604 min Scan# 14  
 Delta R.T. -0.259 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-154-SB01

Tgt Ion:248 Resp: 9864

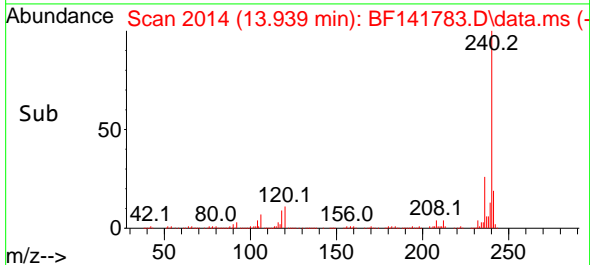
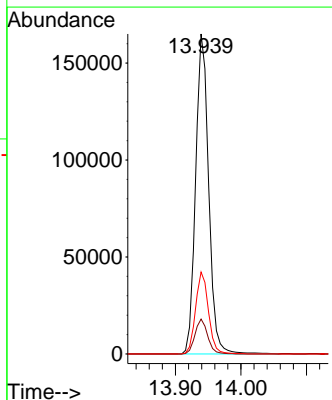
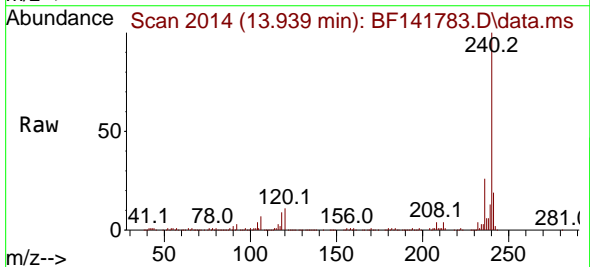
Ion	Ratio	Lower	Upper
248	100		
250	186.4	77.8	116.6#
141	496.9	60.6	90.8#

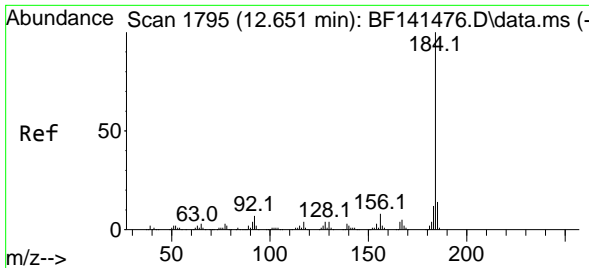


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.939 min Scan# 2014  
 Delta R.T. -0.023 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Tgt Ion:240 Resp: 228691

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.0	12.0
236	25.6	19.8	29.8



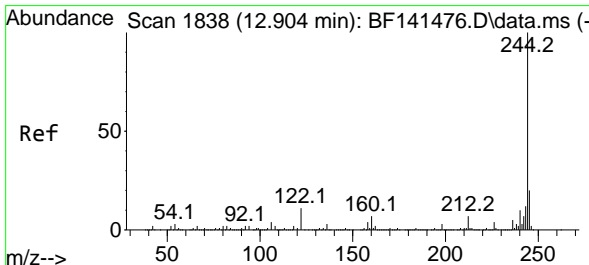
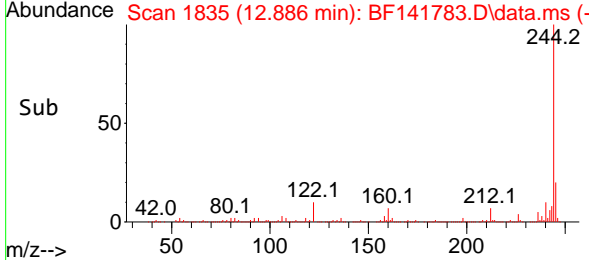
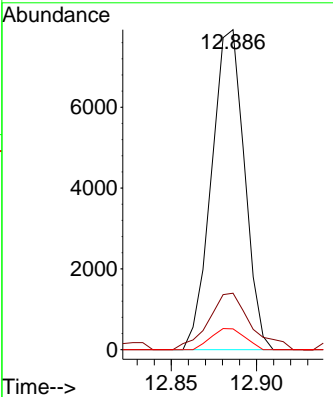
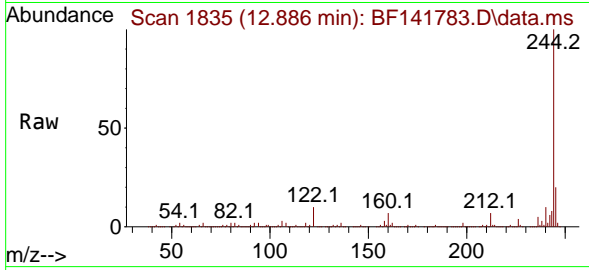


#77  
 Benzidine  
 Concen: 2.109 ng  
 RT: 12.886 min Scan# 1835  
 Delta R.T. 0.230 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Instrument : BNA\_F  
 ClientSampleId : B-154-SB01

Tgt Ion:184 Resp: 10636

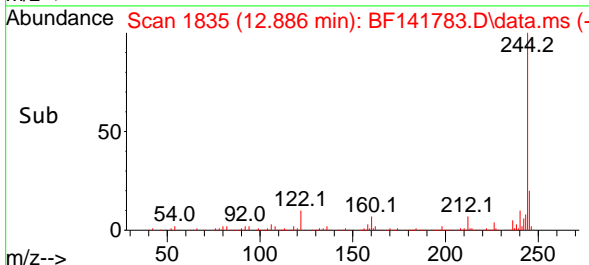
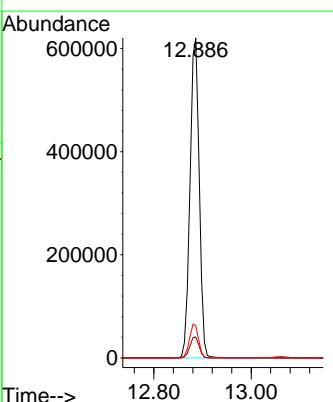
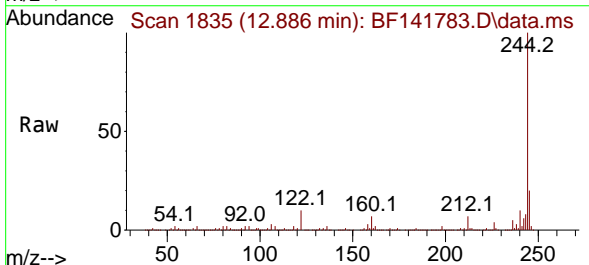
Ion	Ratio	Lower	Upper
184	100		
185	17.7	11.3	16.9#
183	6.5	9.3	13.9#

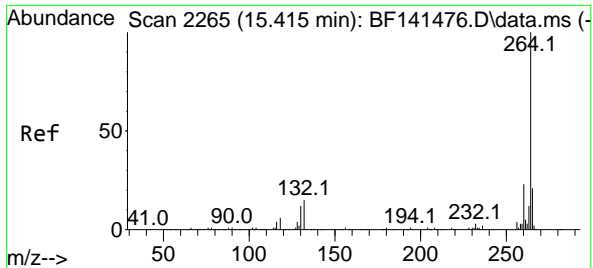


#79  
 Terphenyl-d14  
 Concen: 60.698 ng  
 RT: 12.886 min Scan# 1835  
 Delta R.T. -0.017 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Tgt Ion:244 Resp: 822259

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.1	8.4	12.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.386 min Scan# 21  
 Delta R.T. -0.029 min  
 Lab File: BF141783.D  
 Acq: 26 Feb 2025 15:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-154-SB01

Tgt Ion:264 Resp: 192278

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.6	28.0
265	20.6	17.0	25.4

