

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082025\  
 Data File : BF143494.D  
 Acq On : 20 Aug 2025 19:39  
 Operator : RC/JU  
 Sample : Q2900-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17C-081825

Quant Time: Aug 21 02:05:45 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 20 15:07:46 2025  
 Response via : Initial Calibration

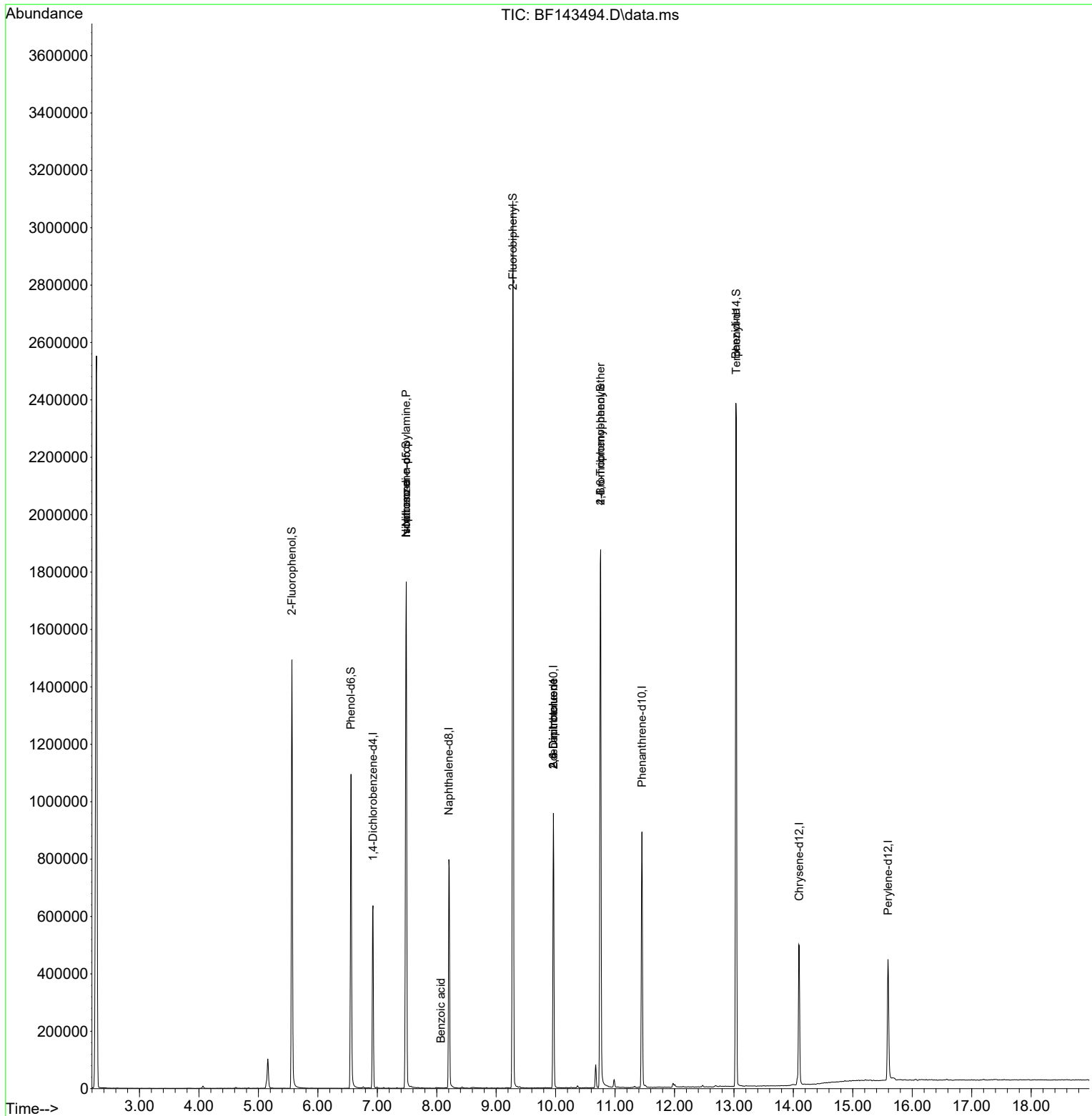
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	136964	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	522451	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	285056	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	458576	20.000	ng	0.00
76) Chrysene-d12	14.098	240	262919	20.000	ng	0.00
86) Perylene-d12	15.592	264	271441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	547199	69.763	ng	0.00
7) Phenol-d6	6.557	99	497897	51.422	ng	-0.02
23) Nitrobenzene-d5	7.486	82	815263	91.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	363701	137.067	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1392067	80.708	ng	0.00
79) Terphenyl-d14	13.039	244	1210218	80.324	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.486	70	108775	18.380	ng	# 80
25) Isophorone	7.486	82	789524	48.107	ng	# 65
32) Benzoic acid	8.069	122	366	5.963	ng	# 83
51) 2,6-Dinitrotoluene	9.963	165	37222	10.461	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	37222	7.834	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	23567	4.307	ng	# 1
77) Benzidine	13.033	184	14469	2.259	ng	# 93

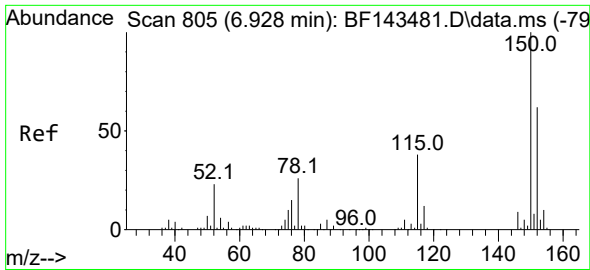
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082025\  
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 Sample : Q2900-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17C-081825

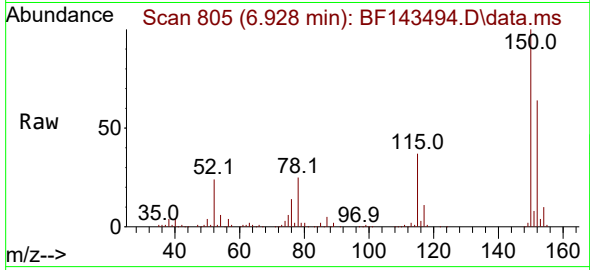
Quant Time: Aug 21 02:05:45 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 20 15:07:46 2025  
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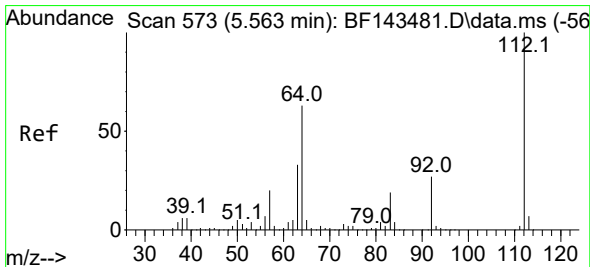
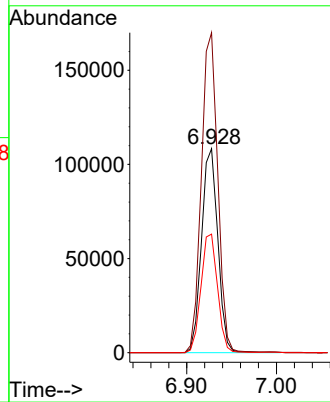
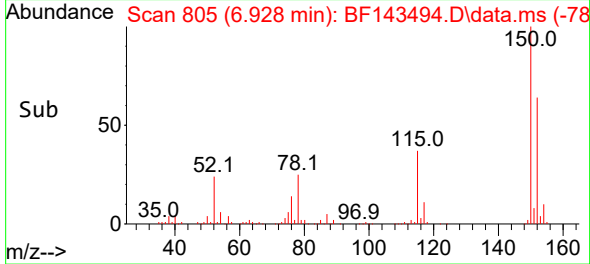


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.928 min Scan# 805  
 Delta R.T. -0.000 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

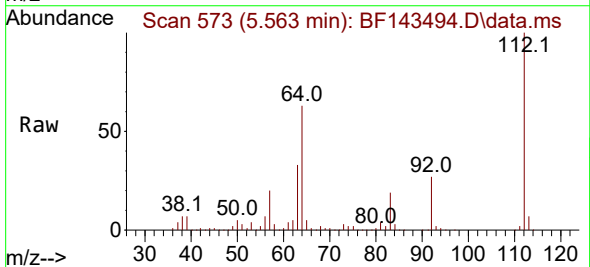
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17C-081825



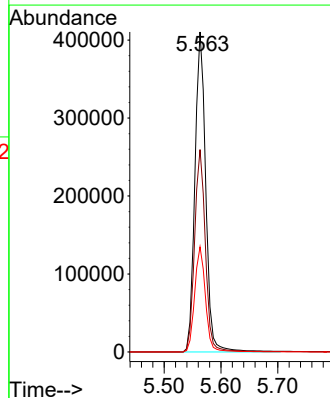
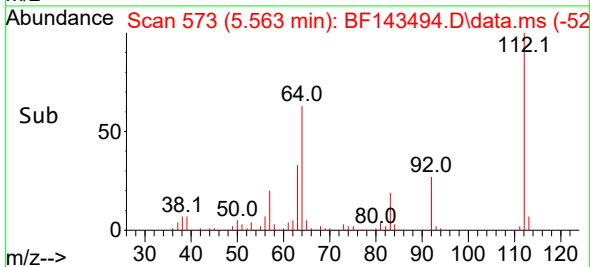
Tgt Ion:152 Resp: 136964  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 128.9 193.3  
 115 58.2 49.2 73.8

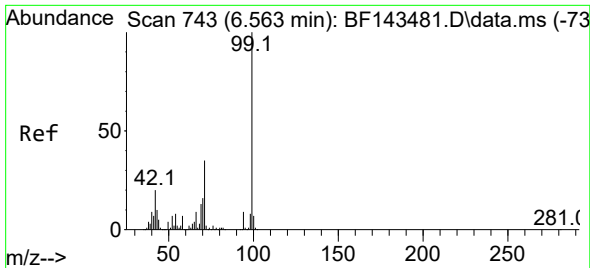


#5  
 2-Fluorophenol  
 Concen: 69.763 ng  
 RT: 5.563 min Scan# 573  
 Delta R.T. -0.000 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39



Tgt Ion:112 Resp: 547199  
 Ion Ratio Lower Upper  
 112 100  
 64 63.2 50.4 75.6  
 63 32.9 26.4 39.6



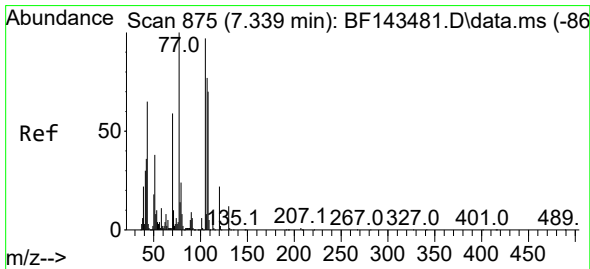
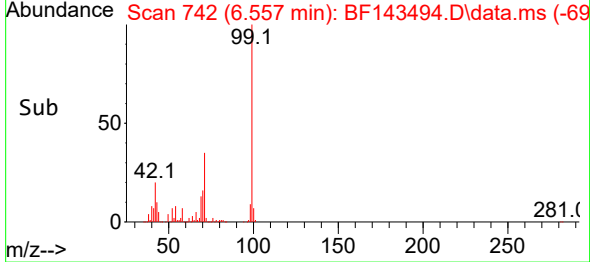
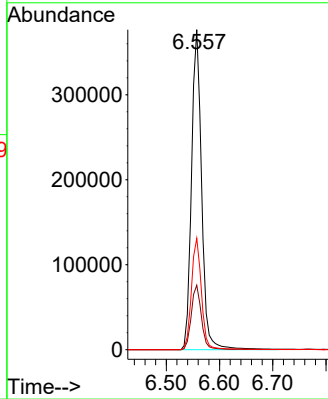
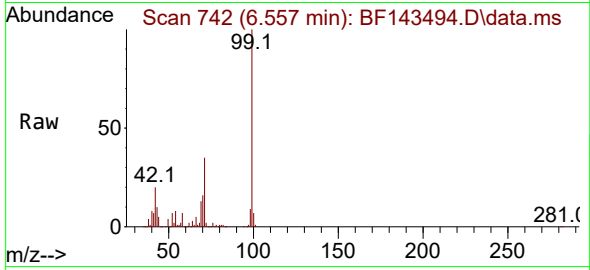


#7  
 Phenol-d6  
 Concen: 51.422 ng  
 RT: 6.557 min Scan# 74  
 Delta R.T. -0.018 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17C-081825

Tgt Ion: 99 Resp: 497897

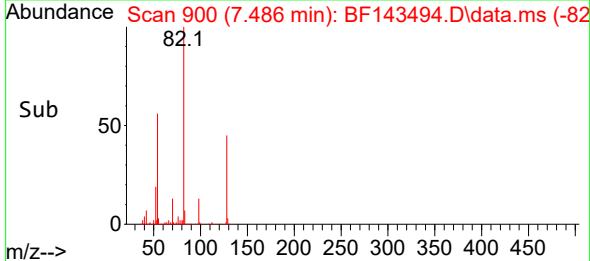
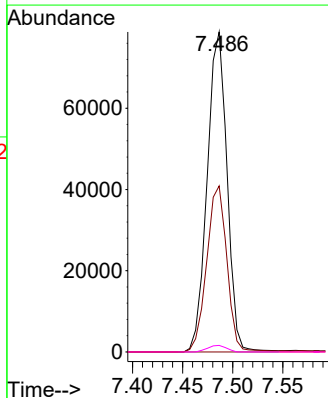
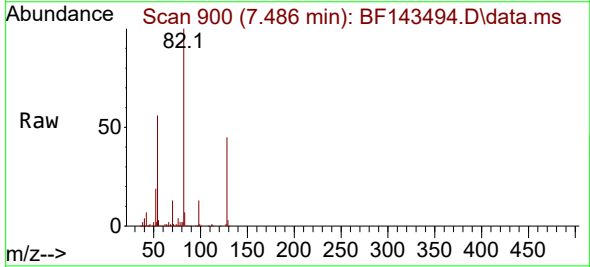
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.3	24.5
71	34.8	28.2	42.2

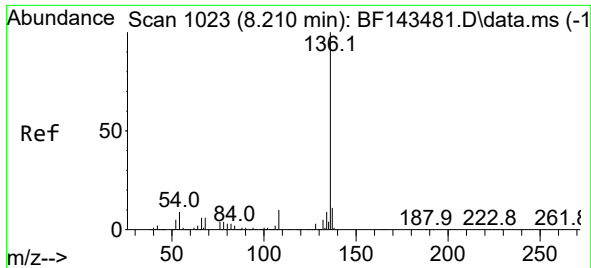


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 18.380 ng  
 RT: 7.486 min Scan# 900  
 Delta R.T. 0.135 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Tgt Ion: 70 Resp: 108775

Ion	Ratio	Lower	Upper
70	100		
42	51.9	49.3	73.9
101	0.0	7.8	11.8#
130	2.1	16.6	25.0#



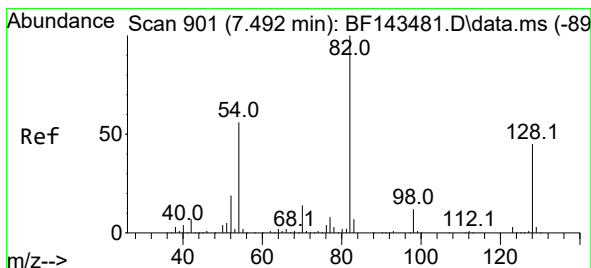
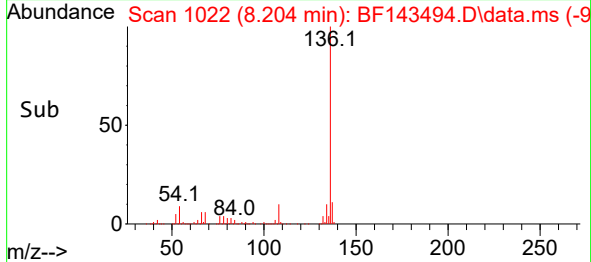
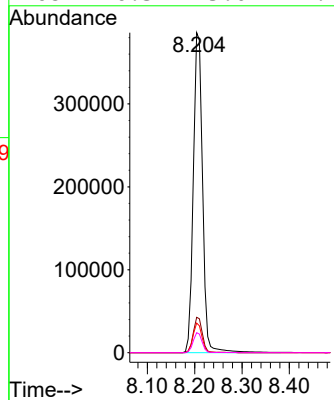
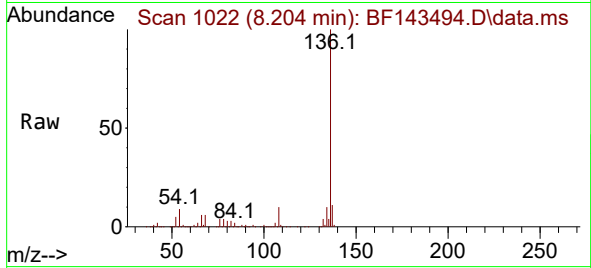


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.204 min Scan# 1022  
 Delta R.T. -0.006 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Instrument : BNA\_F  
 ClientSampleId : MW-17C-081825

Tgt Ion:136 Resp: 522451

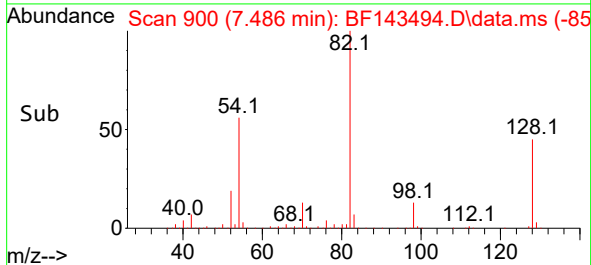
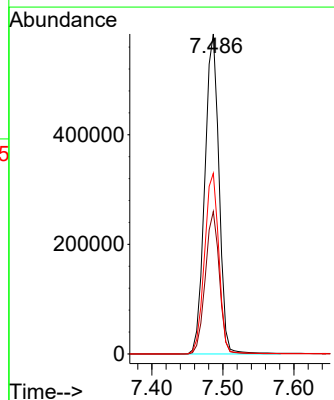
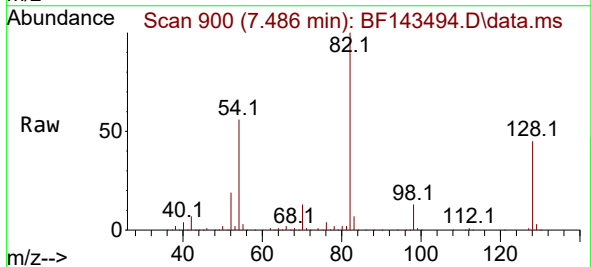
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.3	7.4	11.2
68	6.3	5.0	7.4

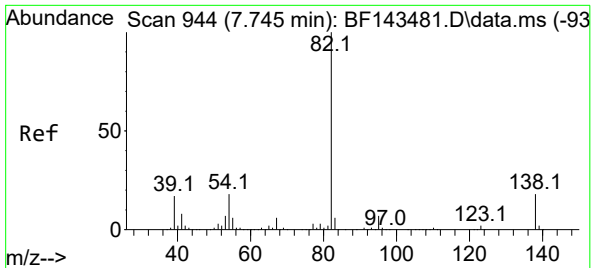


#23  
 Nitrobenzene-d5  
 Concen: 91.060 ng  
 RT: 7.486 min Scan# 900  
 Delta R.T. -0.012 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Tgt Ion: 82 Resp: 815263

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	56.4	44.3	66.5

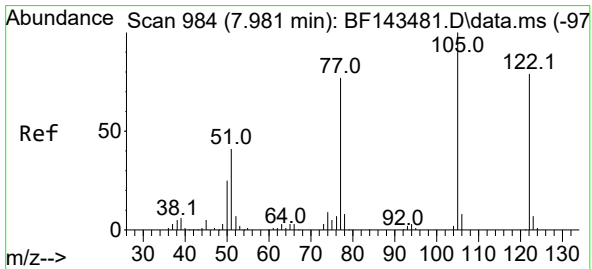
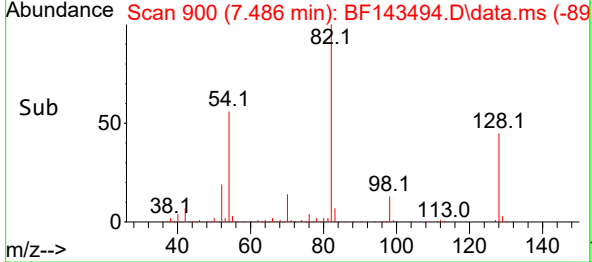
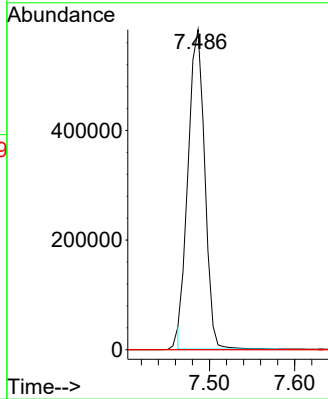
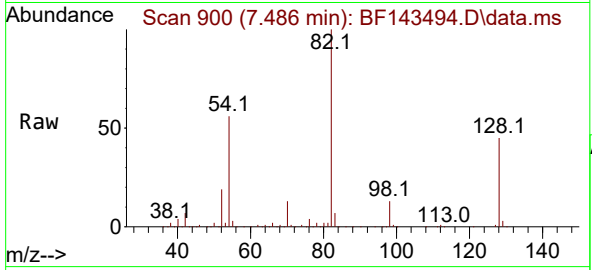




#25  
 Isophorone  
 Concen: 48.107 ng  
 RT: 7.486 min Scan# 900  
 Delta R.T. -0.271 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

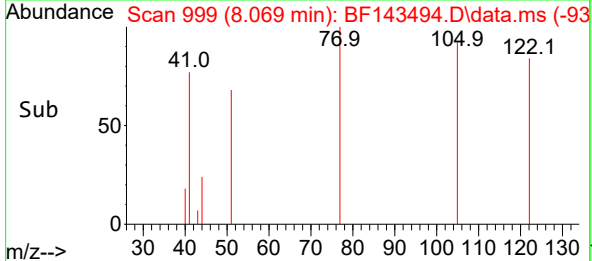
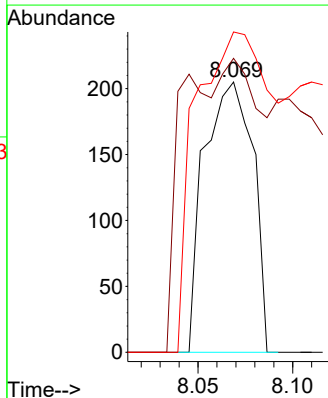
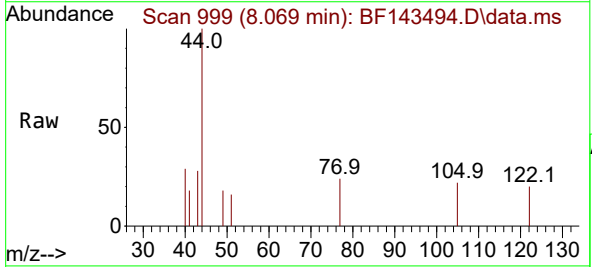
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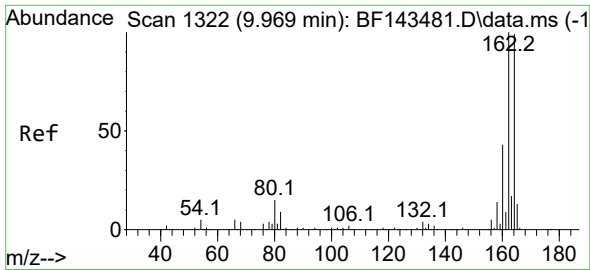
Tgt Ion: 82 Resp: 789524  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.8 8.8#  
 138 0.0 14.2 21.4#



#32  
 Benzoic acid  
 Concen: 5.963 ng  
 RT: 8.069 min Scan# 999  
 Delta R.T. 0.059 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

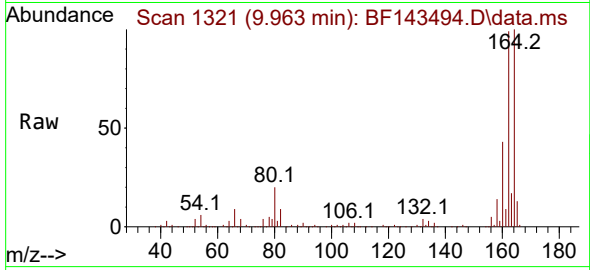
Tgt Ion:122 Resp: 366  
 Ion Ratio Lower Upper  
 122 100  
 105 108.8 104.7 144.7  
 77 118.5 77.3 117.3#



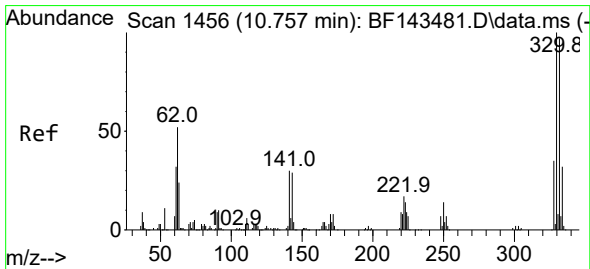
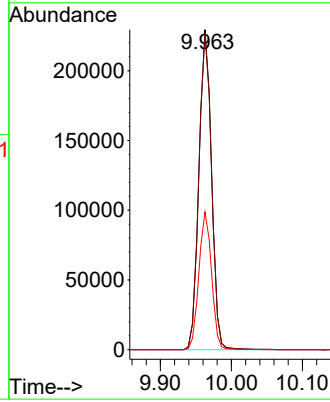
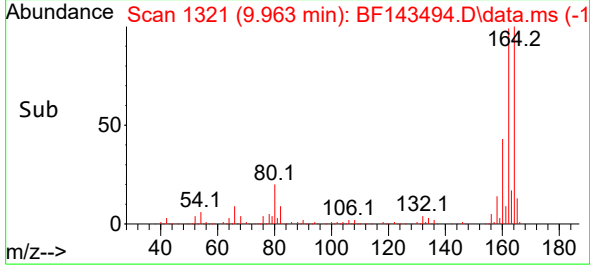


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.963 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

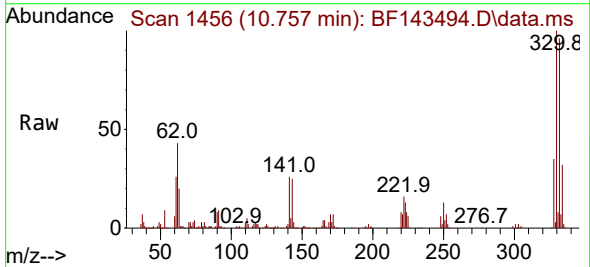
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 MW-17C-081825



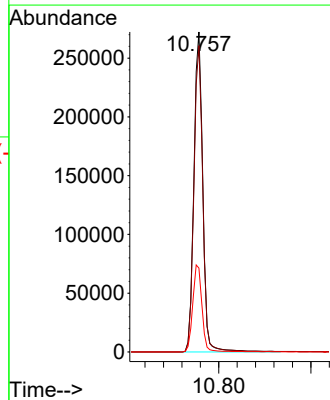
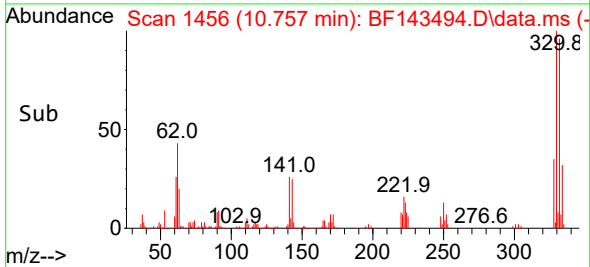
Tgt Ion:164 Resp: 285056  
 Ion Ratio Lower Upper  
 164 100  
 162 98.8 80.5 120.7  
 160 43.0 34.3 51.5

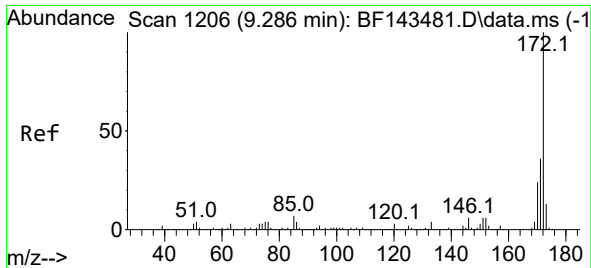


#42  
 2,4,6-Tribromophenol  
 Concen: 137.067 ng  
 RT: 10.757 min Scan# 1456  
 Delta R.T. -0.006 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39



Tgt Ion:330 Resp: 363701  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 78.0 117.0  
 141 28.4 23.7 35.5

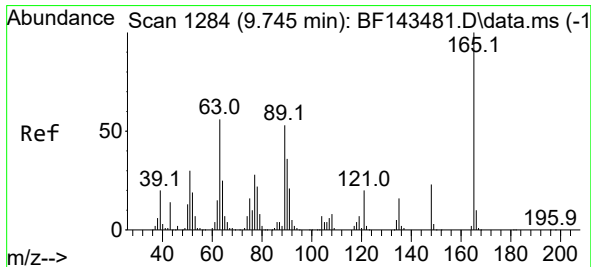
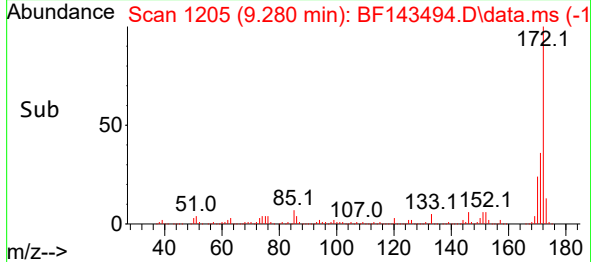
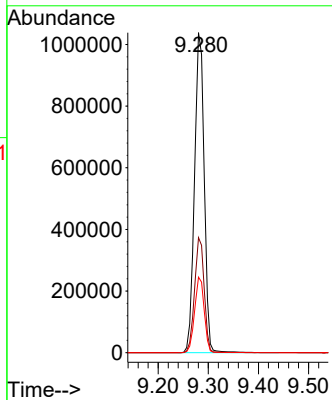
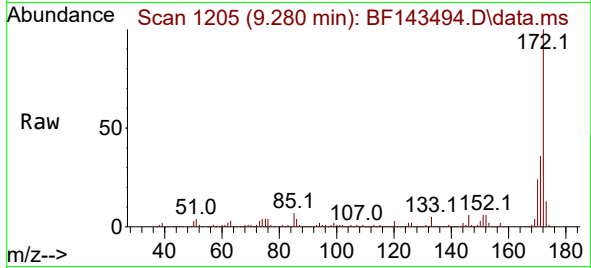




#45  
 2-Fluorobiphenyl  
 Concen: 80.708 ng  
 RT: 9.280 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

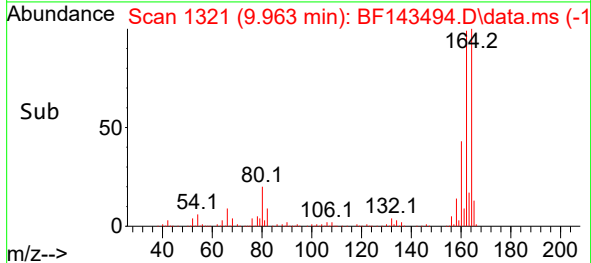
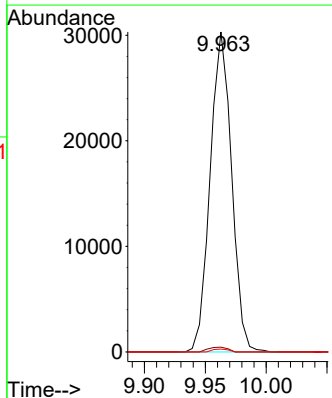
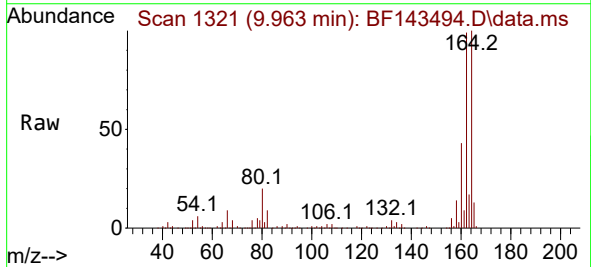
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17C-081825

Tgt Ion:172 Resp: 1392067  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 28.8 43.2  
 170 23.6 18.8 28.2

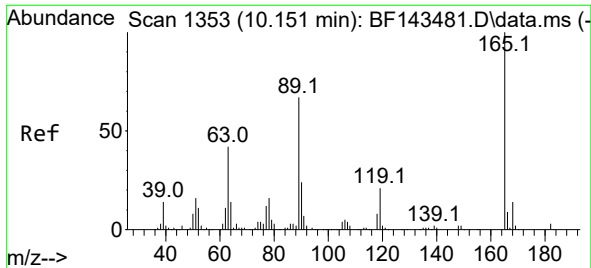


#51  
 2,6-Dinitrotoluene  
 Concen: 10.461 ng  
 RT: 9.963 min Scan# 1321  
 Delta R.T. 0.212 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Tgt Ion:165 Resp: 37222  
 Ion Ratio Lower Upper  
 165 100  
 63 1.5 45.0 67.6#  
 89 0.9 42.5 63.7#





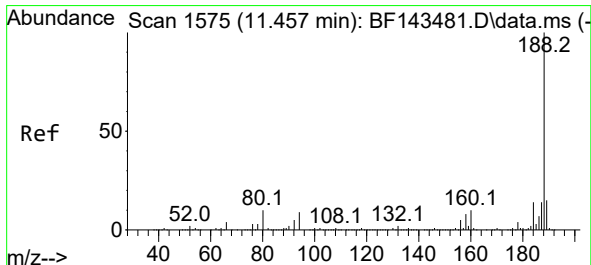
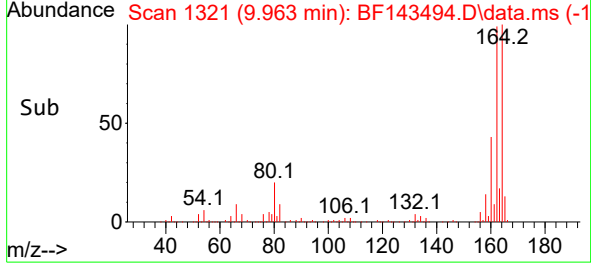
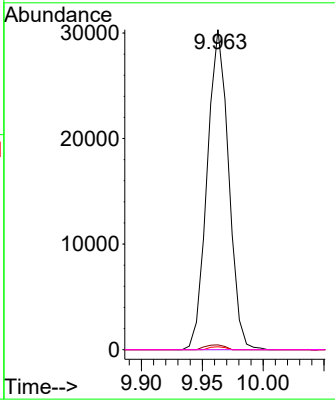
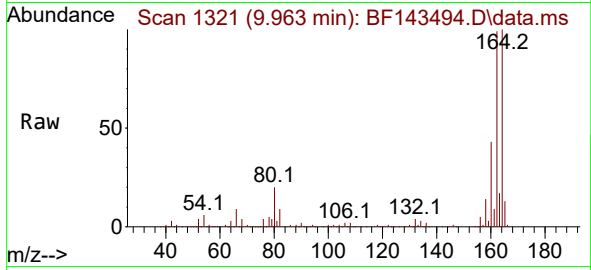


#57  
 2,4-Dinitrotoluene  
 Concen: 7.834 ng  
 RT: 9.963 min Scan# 11  
 Delta R.T. -0.194 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Instrument : BNA\_F  
 ClientSampleId : MW-17C-081825

Tgt Ion:165 Resp: 37222

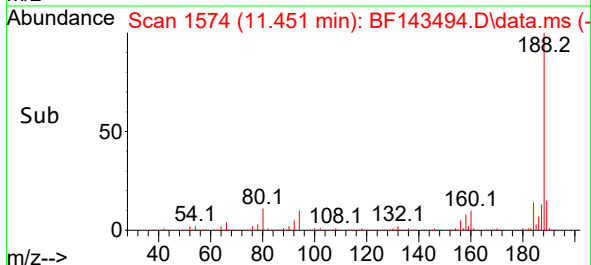
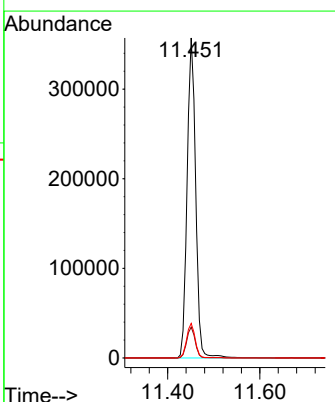
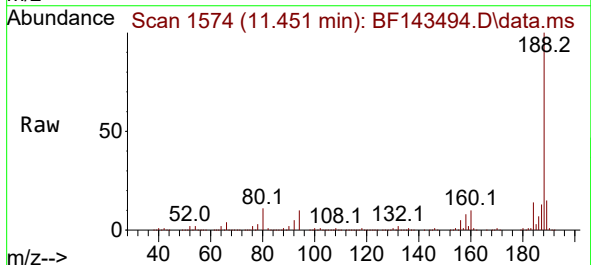
Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.9	52.3#
89	0.9	53.3	79.9#
182	0.0	2.3	3.5#

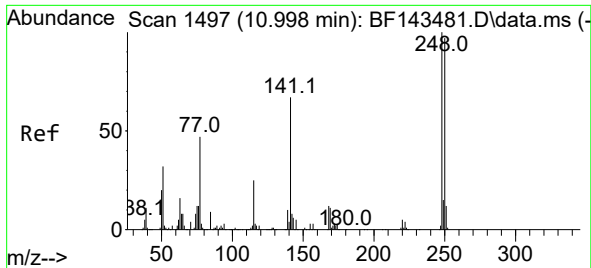


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.451 min Scan# 1574  
 Delta R.T. -0.006 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Tgt Ion:188 Resp: 458576

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.8	8.2	12.4

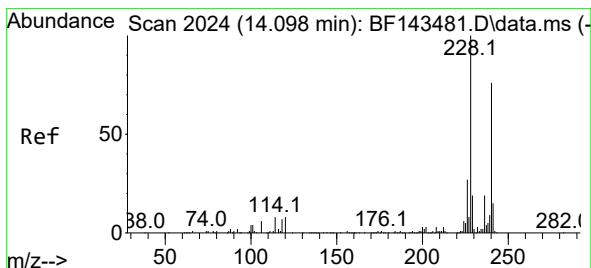
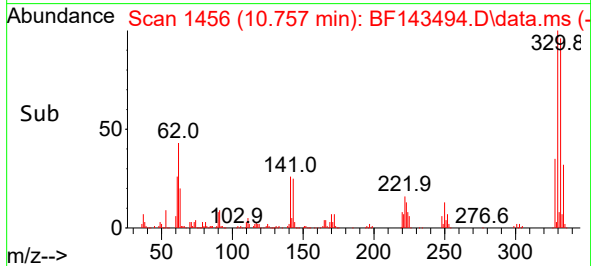
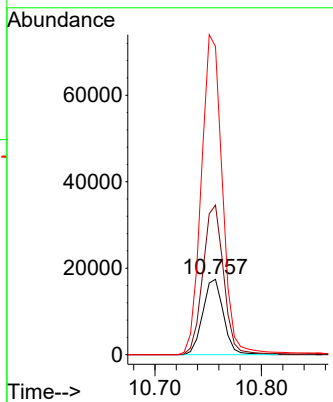
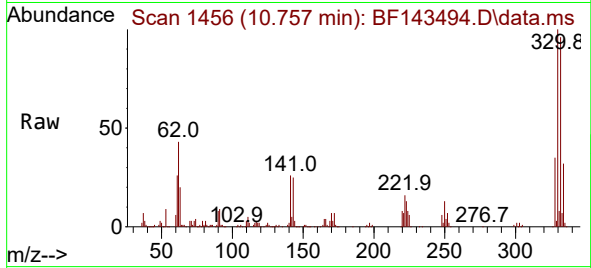




#67  
 4-Bromophenyl-phenylether  
 Concen: 4.307 ng  
 RT: 10.757 min Scan# 14  
 Delta R.T. -0.241 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

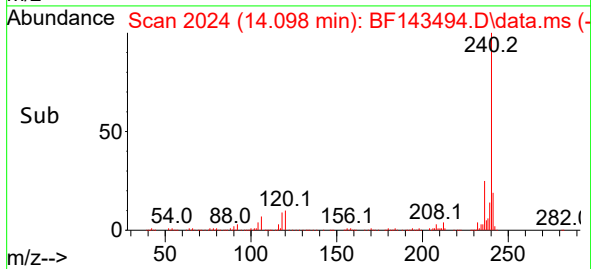
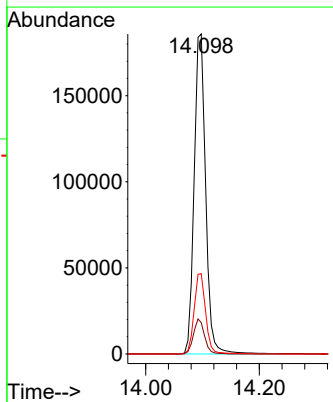
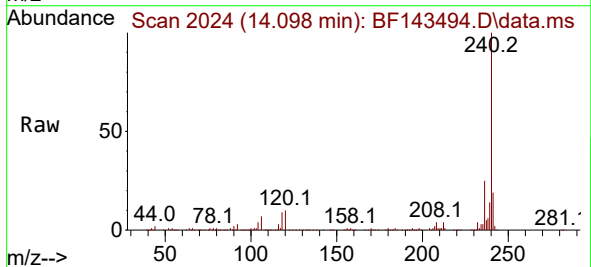
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17C-081825

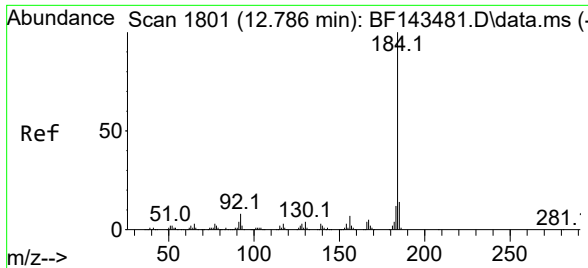
Tgt Ion:248 Resp: 23567  
 Ion Ratio Lower Upper  
 248 100  
 250 198.3 77.8 116.8#  
 141 408.7 54.0 81.0#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.098 min Scan# 2024  
 Delta R.T. -0.006 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Tgt Ion:240 Resp: 262919  
 Ion Ratio Lower Upper  
 240 100  
 120 9.8 8.6 12.8  
 236 25.1 20.4 30.6



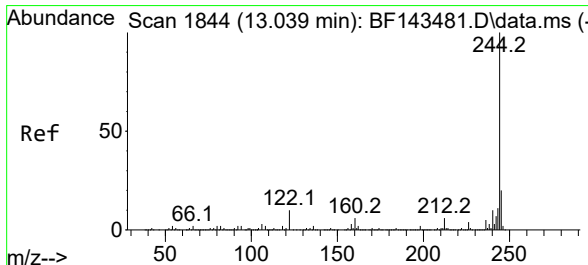
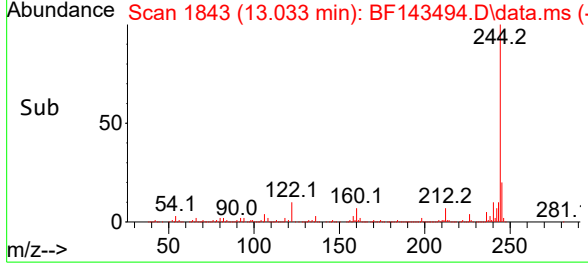
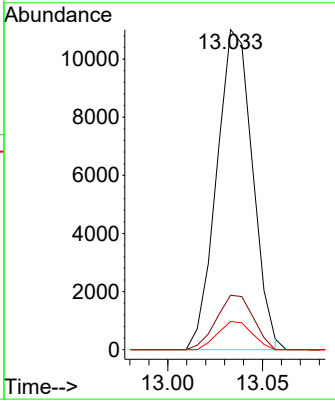
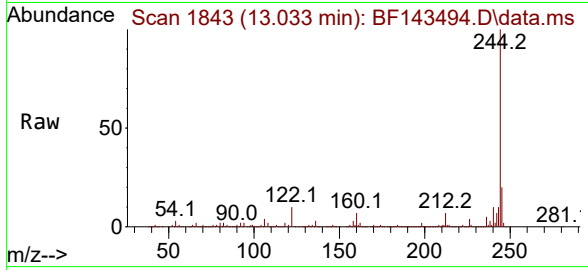


#77  
 Benzidine  
 Concen: 2.259 ng  
 RT: 13.033 min Scan# 1843  
 Delta R.T. 0.247 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Instrument : BNA\_F  
 ClientSampleId : MW-17C-081825

Tgt Ion:184 Resp: 14469

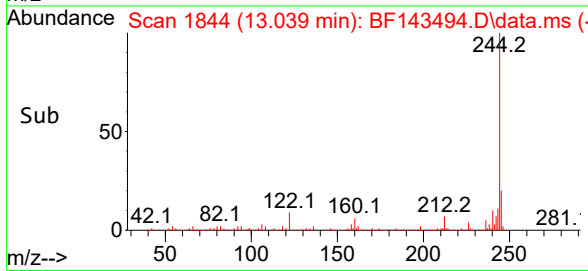
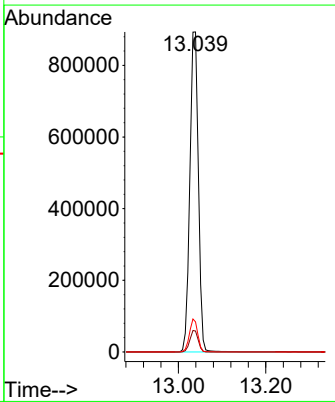
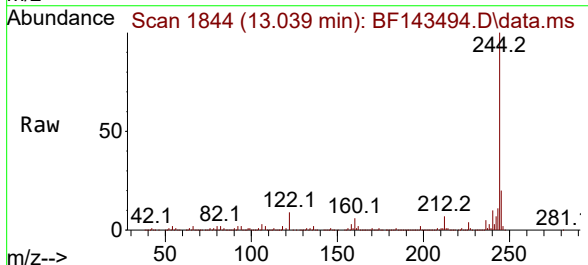
Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.3	16.9#
183	8.8	9.5	14.3#

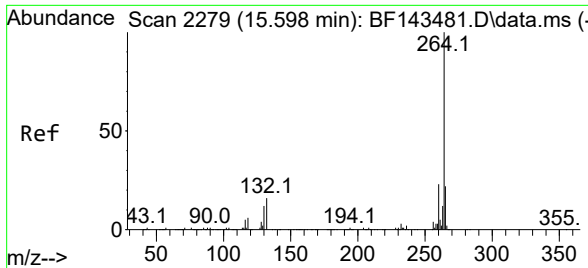


#79  
 Terphenyl-d14  
 Concen: 80.324 ng  
 RT: 13.039 min Scan# 1844  
 Delta R.T. -0.000 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Tgt Ion:244 Resp: 1210218

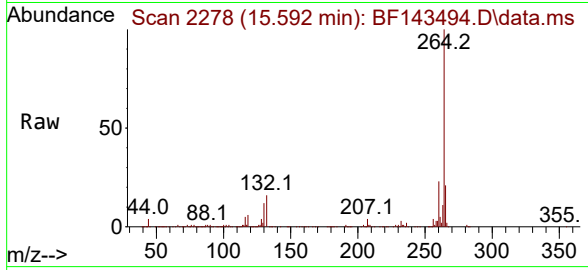
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	9.4	7.9	11.9





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.592 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF143494.D  
 Acq: 20 Aug 2025 19:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17C-081825



Tgt Ion:264 Resp: 271441

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.5	17.6	26.4

