

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144020.D  
 Acq On : 21 Oct 2025 18:59  
 Operator : RC/JU  
 Sample : Q3402-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 41-LB

Quant Time: Oct 22 11:11:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

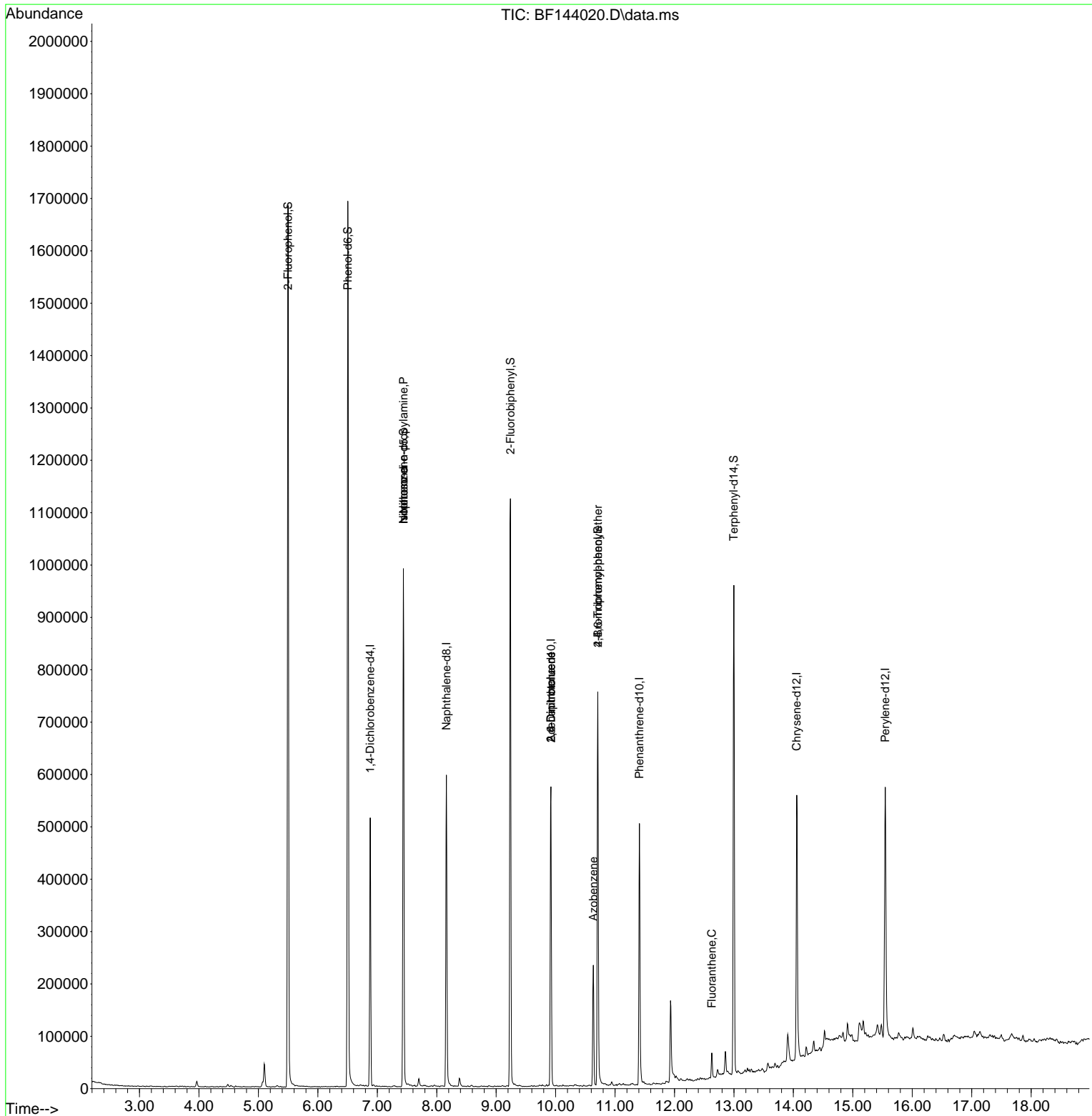
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	103712	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	369572	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	175611	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	260074	20.000	ng	0.00
76) Chrysene-d12	14.057	240	238560	20.000	ng	-0.01
86) Perylene-d12	15.545	264	303823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	648720	99.329	ng	0.00
7) Phenol-d6	6.504	99	757140	97.260	ng	-0.01
23) Nitrobenzene-d5	7.440	82	415317	68.275	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	137061	78.360	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	543646	49.121	ng	-0.01
79) Terphenyl-d14	12.998	244	469485	33.635	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	59230	11.115	ng	# 77
25) Isophorone	7.440	82	357009	27.834	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	22380	10.822	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	22380	7.954	ng	# 28
63) Azobenzene	10.633	77	58216	5.376	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	8816	3.067	ng	# 1
75) Fluoranthene	12.627	202	27065	2.078	ng	99

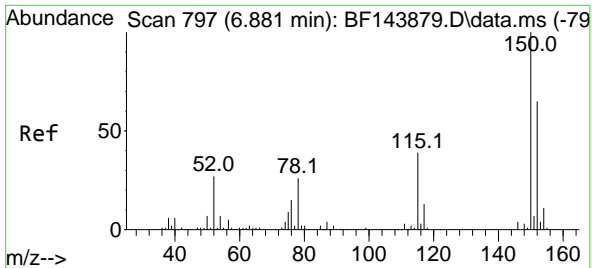
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144020.D  
 Acq On : 21 Oct 2025 18:59  
 Operator : RC/JU  
 Sample : Q3402-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 41-LB

Quant Time: Oct 22 11:11:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

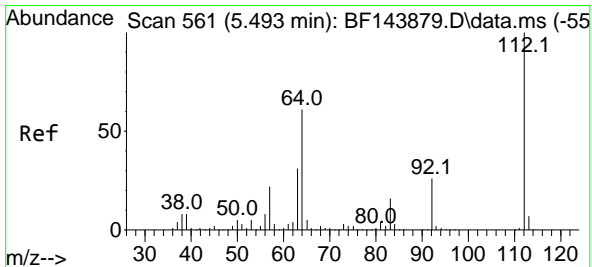
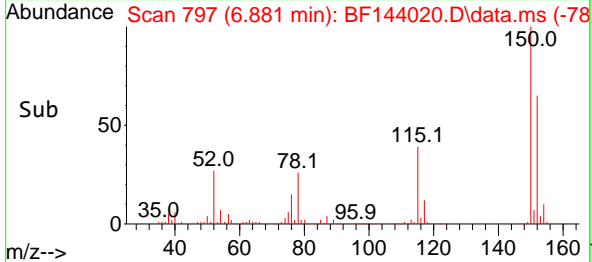
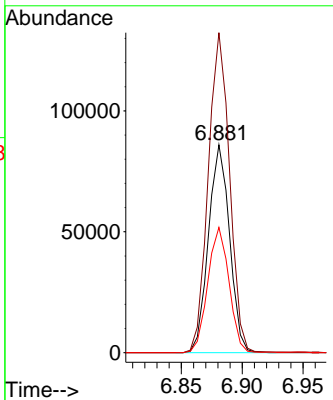
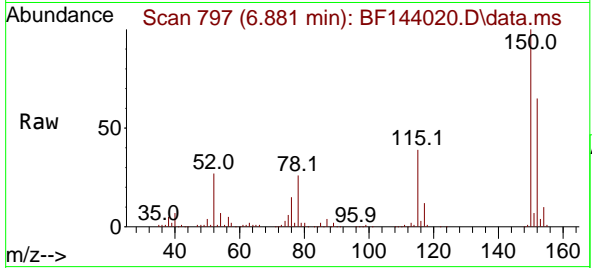




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

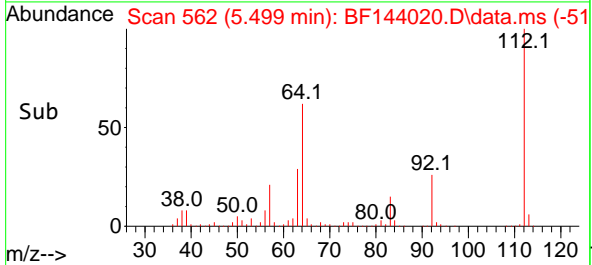
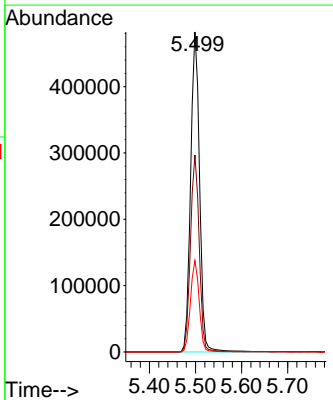
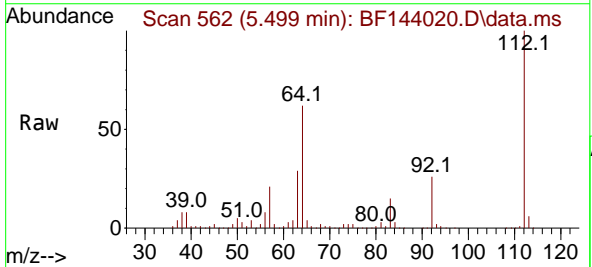
Instrument :  
 BNA\_F  
 ClientSampleId :  
 41-LB

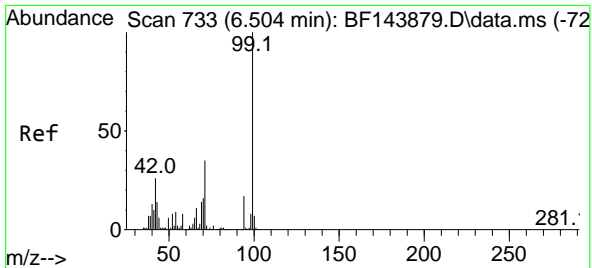
Tgt Ion:152 Resp: 103712  
 Ion Ratio Lower Upper  
 152 100  
 150 153.9 124.4 186.6  
 115 60.3 48.1 72.1



#5  
 2-Fluorophenol  
 Concen: 99.329 ng  
 RT: 5.499 min Scan# 562  
 Delta R.T. 0.000 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion:112 Resp: 648720  
 Ion Ratio Lower Upper  
 112 100  
 64 61.5 49.1 73.7  
 63 28.6 24.5 36.7

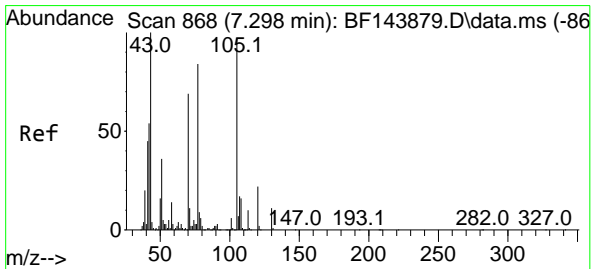
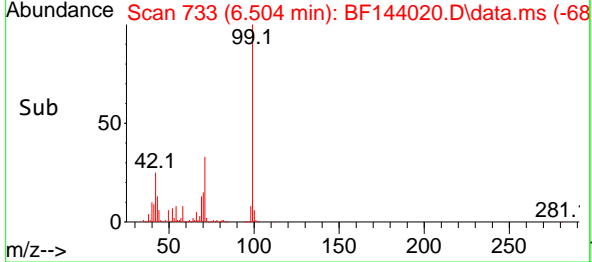
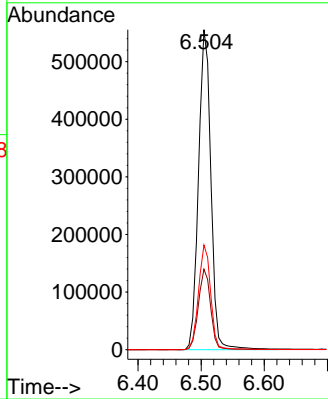
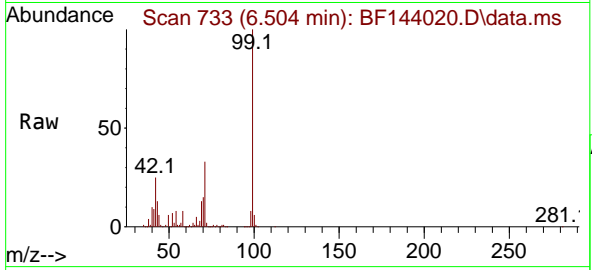




#7  
 Phenol-d6  
 Concen: 97.260 ng  
 RT: 6.504 min Scan# 714  
 Delta R.T. -0.012 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

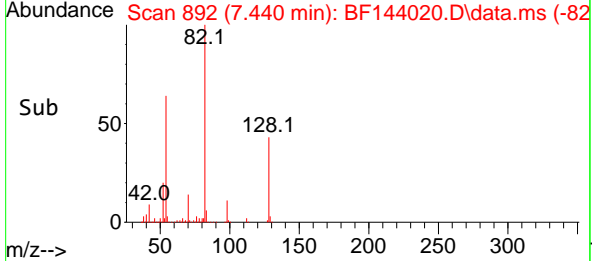
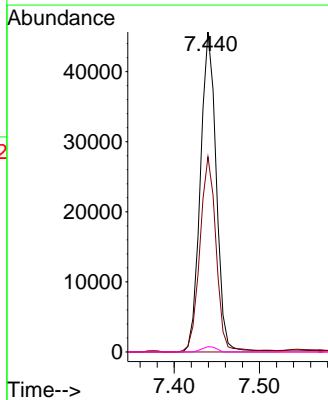
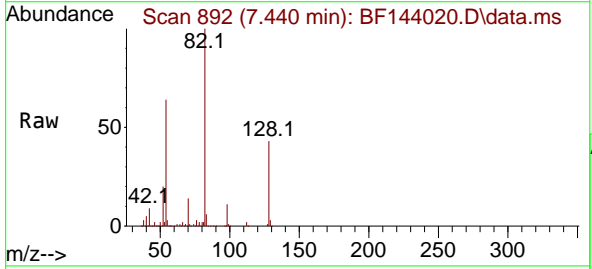
Instrument : BNA\_F  
 ClientSampleId : 41-LB

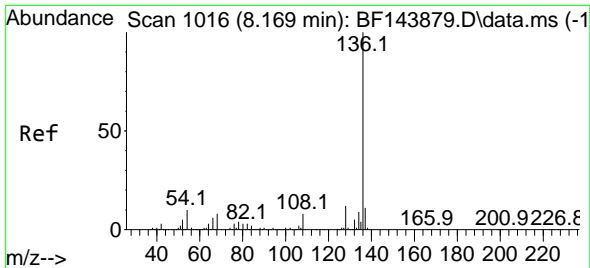
Tgt Ion	Resp	Lower	Upper
99	100		
42	25.2	21.0	31.4
71	32.7	27.8	41.8



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 11.115 ng  
 RT: 7.440 min Scan# 892  
 Delta R.T. 0.124 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion	Resp	Lower	Upper
70	100		
42	61.0	62.8	94.2#
101	0.0	6.7	10.1#
130	1.6	13.0	19.4#



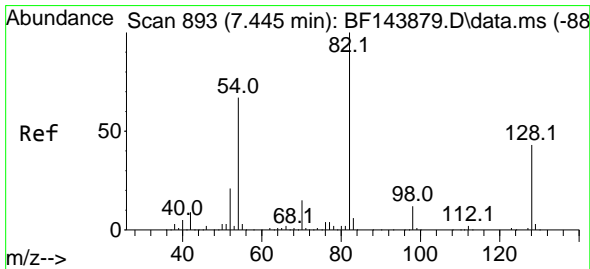
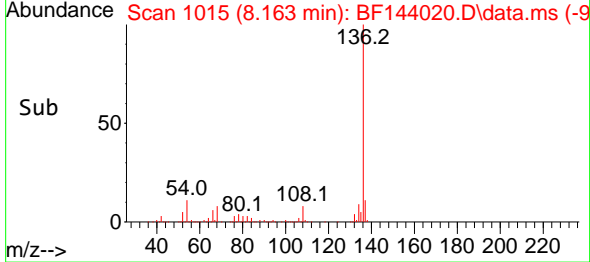
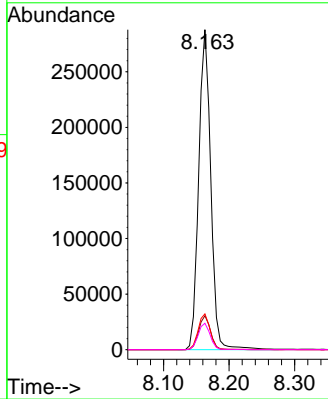
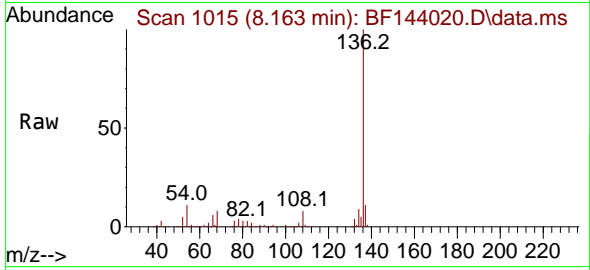


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.163 min Scan# 1016  
 Delta R.T. -0.006 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Instrument : BNA\_F  
 Client Sample Id : 41-LB

Tgt Ion: 136 Resp: 369572

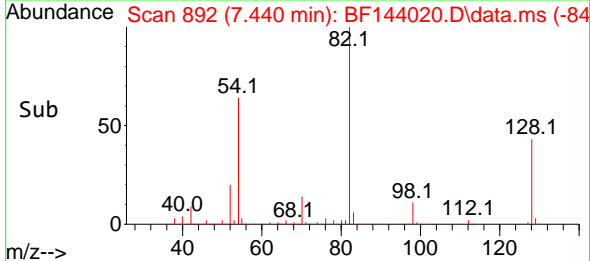
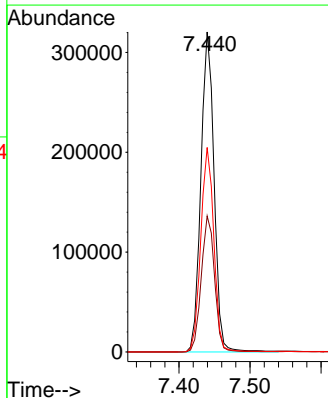
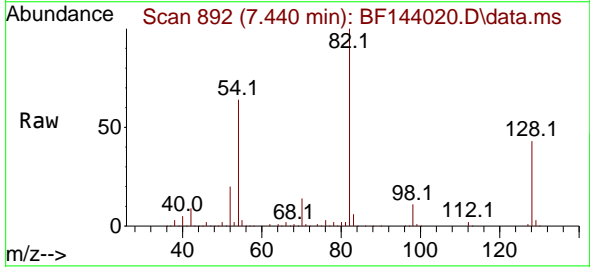
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.2	8.2	12.4
68	8.2	6.2	9.4

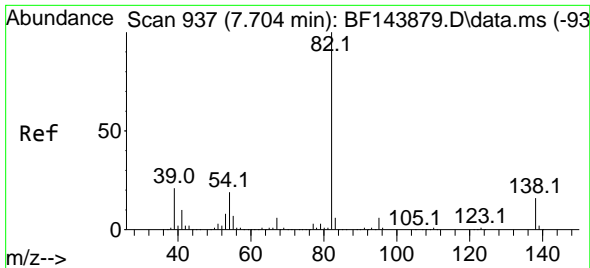


#23  
 Nitrobenzene-d5  
 Concen: 68.275 ng  
 RT: 7.440 min Scan# 892  
 Delta R.T. -0.017 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion: 82 Resp: 415317

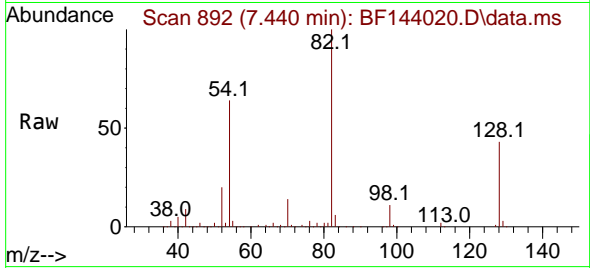
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	63.9	53.2	79.8



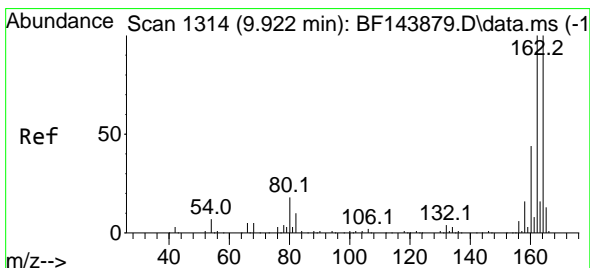
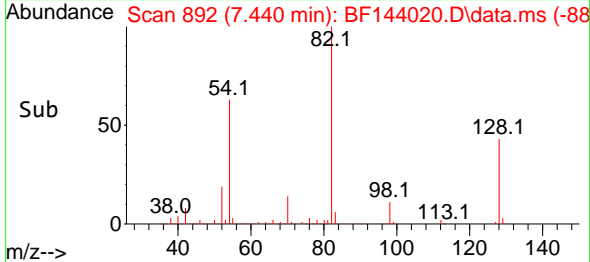
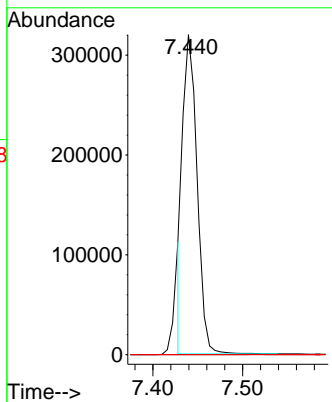


#25  
 Isophorone  
 Concen: 27.834 ng  
 RT: 7.440 min Scan# 892  
 Delta R.T. -0.282 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Instrument : BNA\_F  
 ClientSampleId : 41-LB

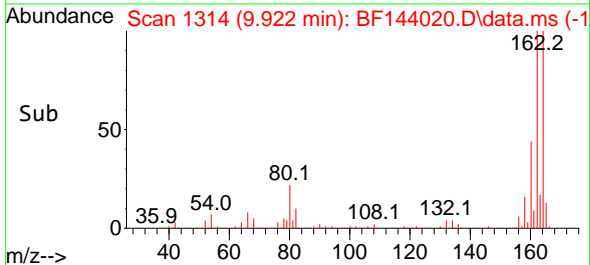
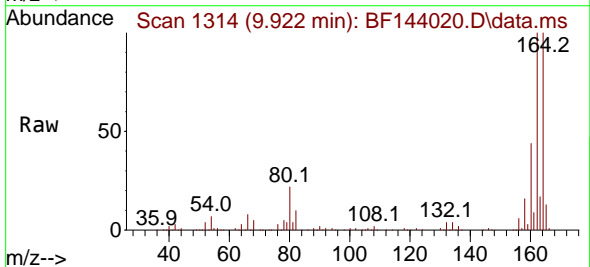
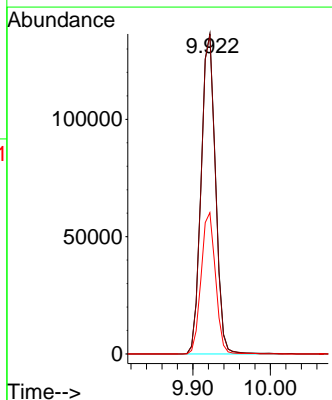


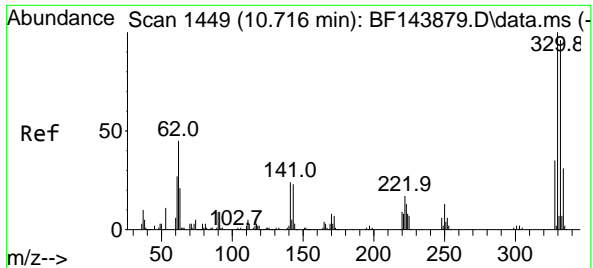
Tgt Ion: 82 Resp: 357009  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.1 7.7#  
 138 0.0 12.9 19.3#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.922 min Scan# 1314  
 Delta R.T. -0.005 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion:164 Resp: 175611  
 Ion Ratio Lower Upper  
 164 100  
 162 99.7 80.2 120.2  
 160 44.2 35.4 53.0

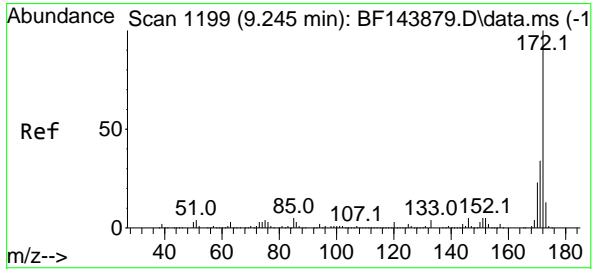
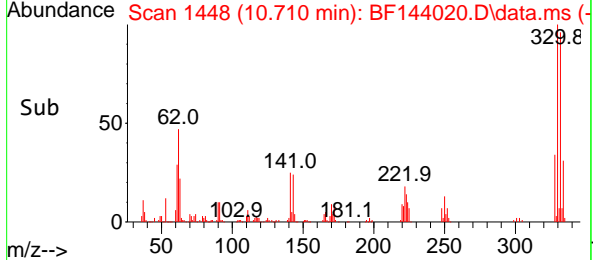
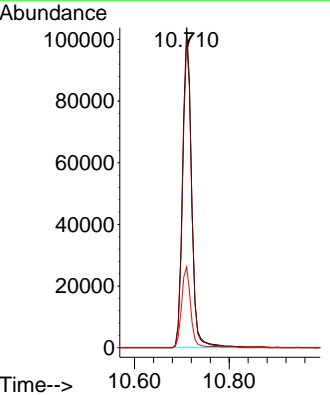
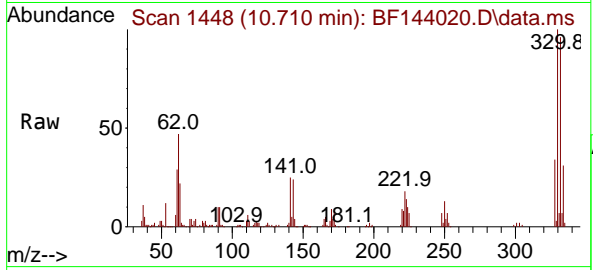




#42  
 2,4,6-Tribromophenol  
 Concen: 78.360 ng  
 RT: 10.710 min Scan# 1448  
 Delta R.T. -0.012 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

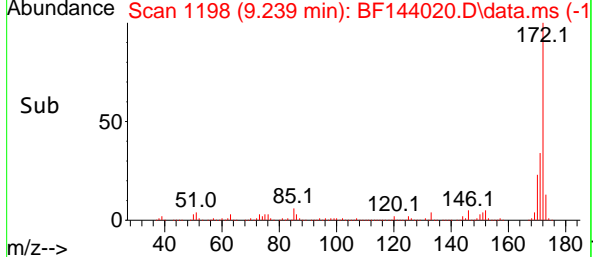
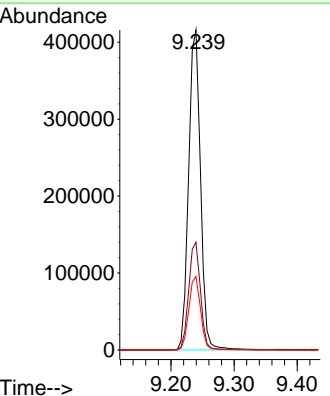
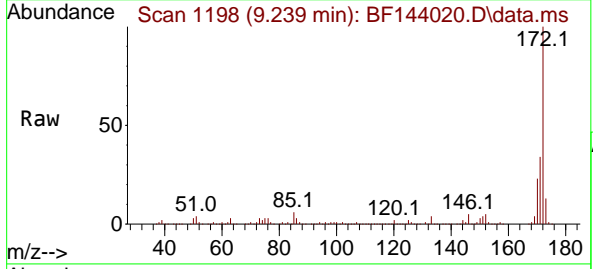
Instrument : BNA\_F  
 ClientSampleId : 41-LB

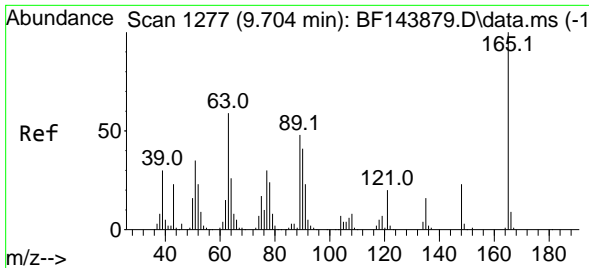
Tgt Ion:330 Resp: 137061  
 Ion Ratio Lower Upper  
 330 100  
 332 95.1 76.9 115.3  
 141 25.9 20.2 30.4



#45  
 2-Fluorobiphenyl  
 Concen: 49.121 ng  
 RT: 9.239 min Scan# 1198  
 Delta R.T. -0.012 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion:172 Resp: 543646  
 Ion Ratio Lower Upper  
 172 100  
 171 33.6 27.4 41.0  
 170 22.9 18.6 28.0

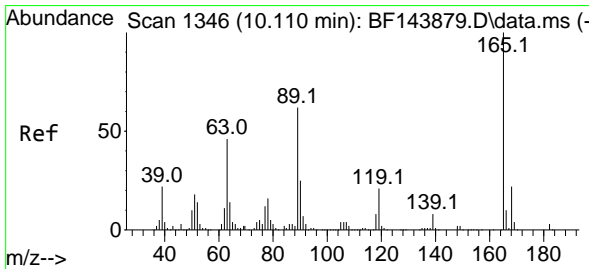
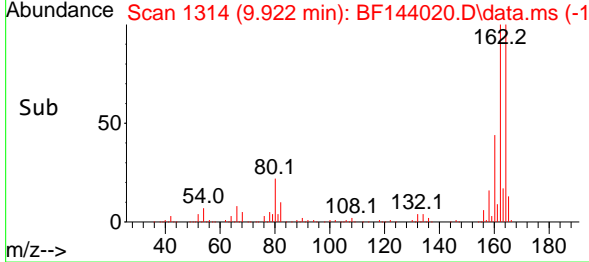
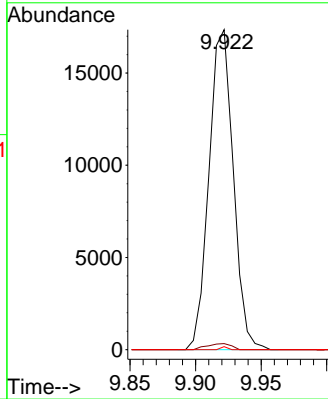
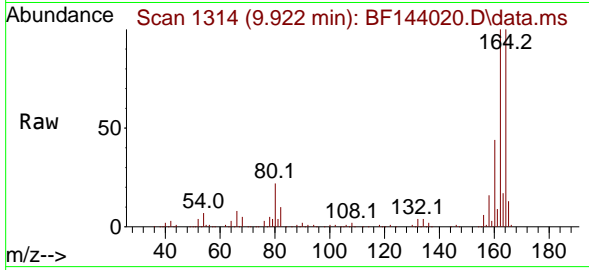




#51  
 2,6-Dinitrotoluene  
 Concen: 10.822 ng  
 RT: 9.922 min Scan# 11  
 Delta R.T. 0.206 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

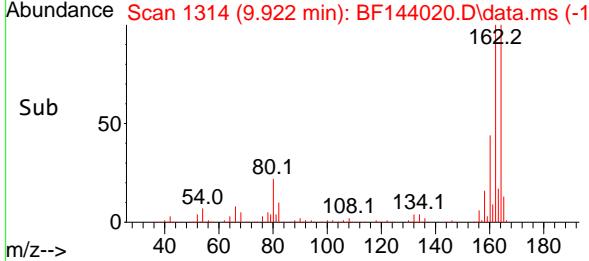
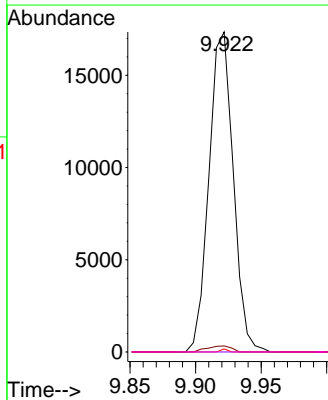
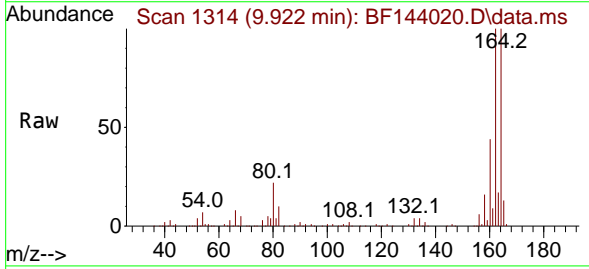
Instrument :  
 BNA\_F  
 ClientSampleId :  
 41-LB

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.9	47.3	70.9#
89	0.9	38.2	57.4#

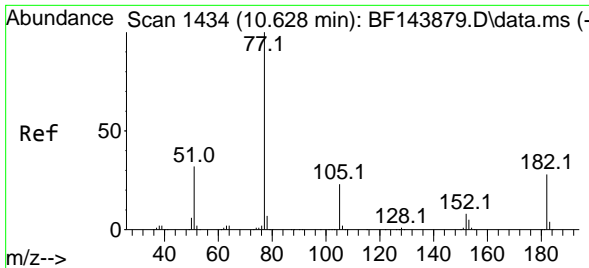


#57  
 2,4-Dinitrotoluene  
 Concen: 7.954 ng  
 RT: 9.922 min Scan# 1314  
 Delta R.T. -0.194 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.9	37.2	55.8#
89	0.9	49.4	74.2#
182	0.0	2.1	3.1#

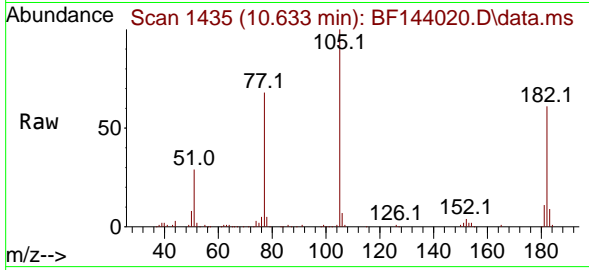




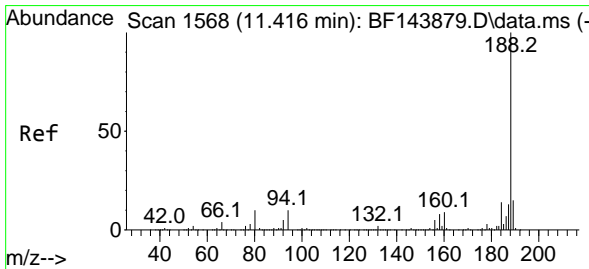
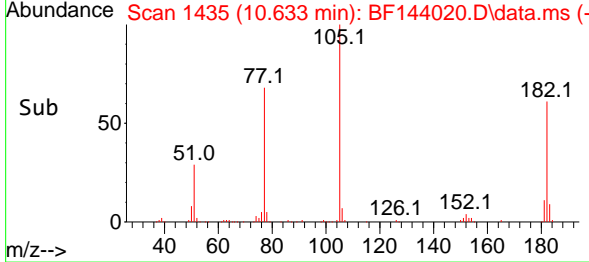
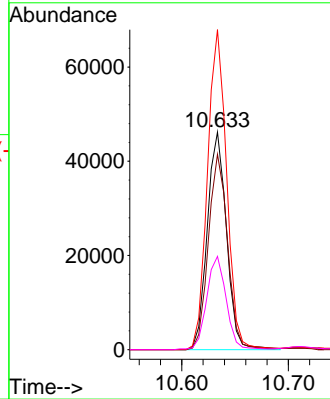


#63  
 Azobenzene  
 Concen: 5.376 ng  
 RT: 10.633 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 41-LB

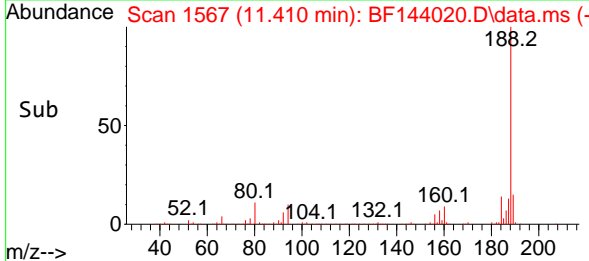
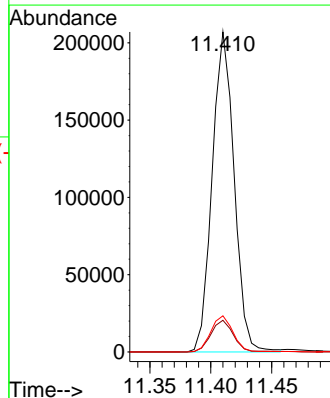
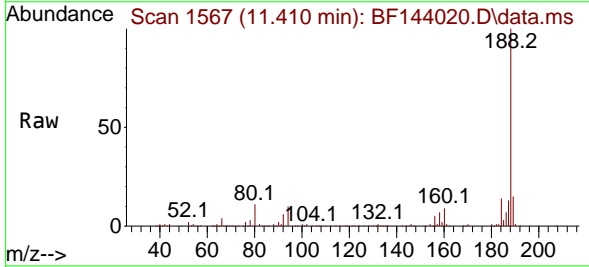


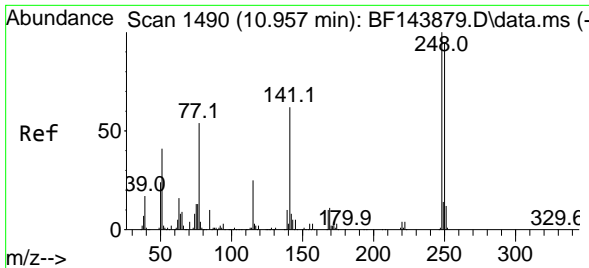
Tgt Ion: 77 Resp: 58216  
 Ion Ratio Lower Upper  
 77 100  
 182 89.8 7.3 47.3#  
 105 147.0 3.0 43.0#  
 51 42.9 13.5 53.5



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.410 min Scan# 1567  
 Delta R.T. -0.006 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion: 188 Resp: 260074  
 Ion Ratio Lower Upper  
 188 100  
 94 9.9 7.8 11.6  
 80 11.3 7.9 11.9



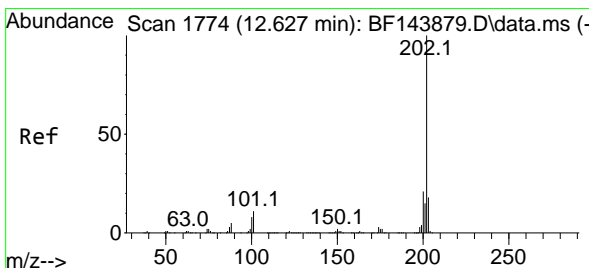
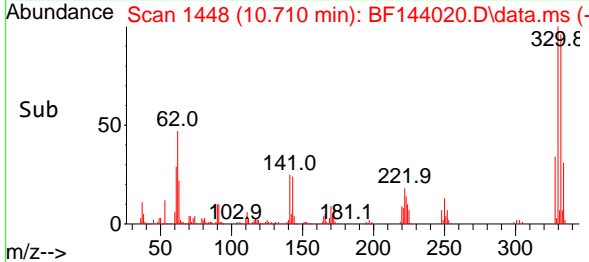
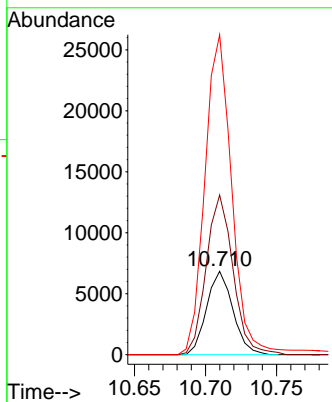
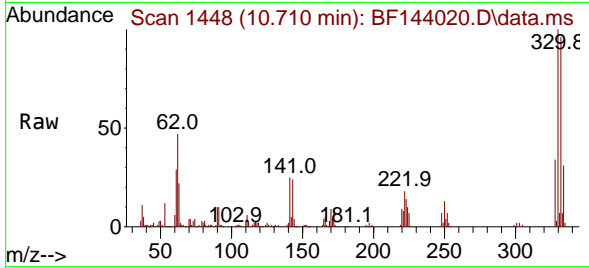


#67  
 4-Bromophenyl-phenylether  
 Concen: 3.067 ng  
 RT: 10.710 min Scan# 1490  
 Delta R.T. -0.253 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Instrument : BNA\_F  
 ClientSampleId : 41-LB

Tgt Ion:248 Resp: 8816

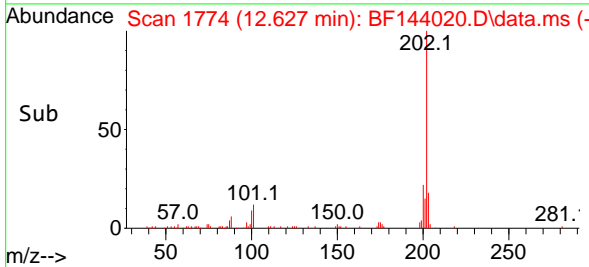
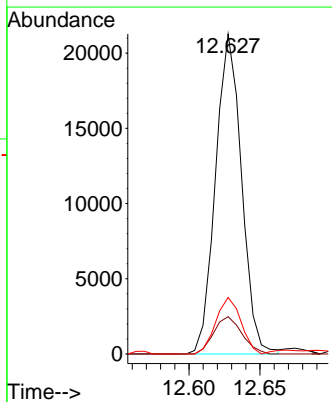
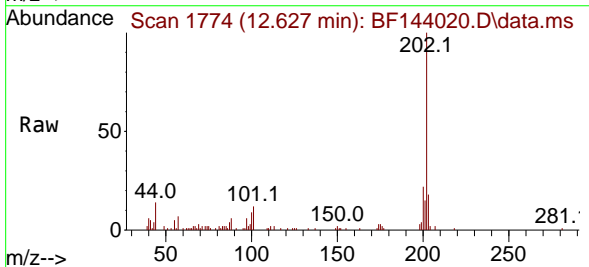
Ion	Ratio	Lower	Upper
248	100		
250	191.4	76.3	114.5#
141	383.6	49.7	74.5#

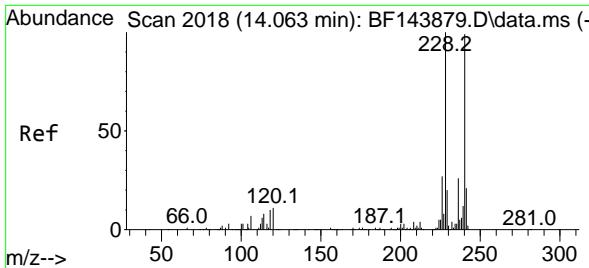


#75  
 Fluoranthene  
 Concen: 2.078 ng  
 RT: 12.627 min Scan# 1774  
 Delta R.T. -0.006 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion:202 Resp: 27065

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.7
203	17.6	0.0	37.8



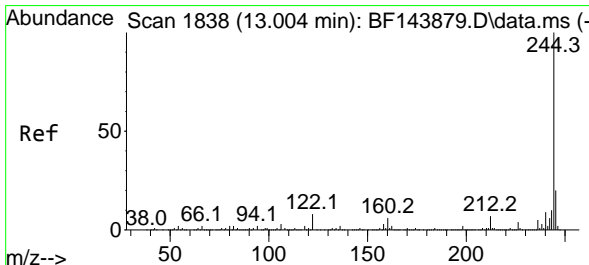
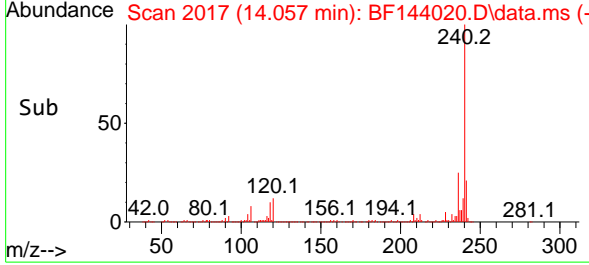
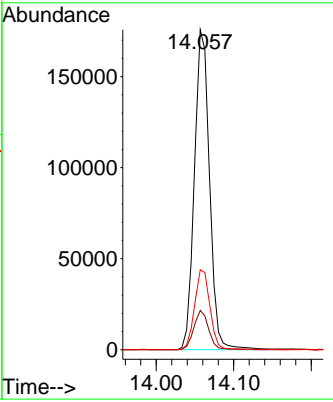
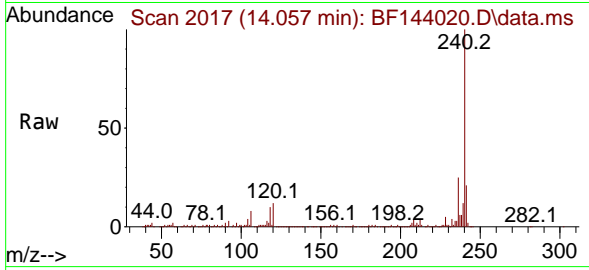


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.057 min Scan# 20  
 Delta R.T. -0.011 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Instrument : BNA\_F  
 ClientSampleId : 41-LB

Tgt Ion:240 Resp: 238560

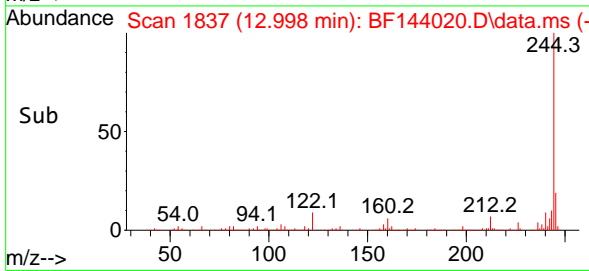
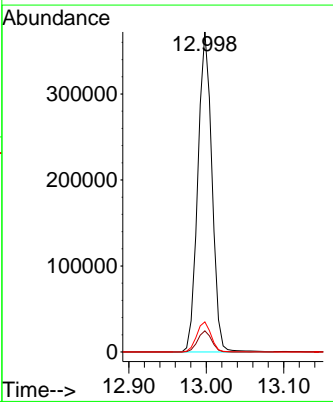
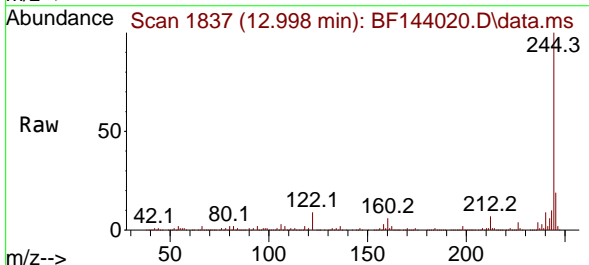
Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	13.0
236	24.9	21.1	31.7

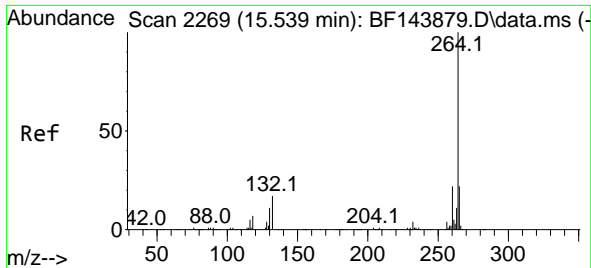


#79  
 Terphenyl-d14  
 Concen: 33.635 ng  
 RT: 12.998 min Scan# 1837  
 Delta R.T. -0.012 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Tgt Ion:244 Resp: 469485

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.4	6.4	9.6





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF144020.D  
 Acq: 21 Oct 2025 18:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 41-LB

Tgt Ion:264 Resp: 303823  
 Ion Ratio Lower Upper  
 264 100  
 260 21.8 17.8 26.8  
 265 22.0 17.5 26.3

