

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122322\  
 Data File : BF131810.D  
 Acq On : 23 Dec 2022 17:15  
 Operator : CG\JU  
 Sample : N6051-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-591

Quant Time: Dec 24 03:07:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 00:05:44 2022  
 Response via : Initial Calibration

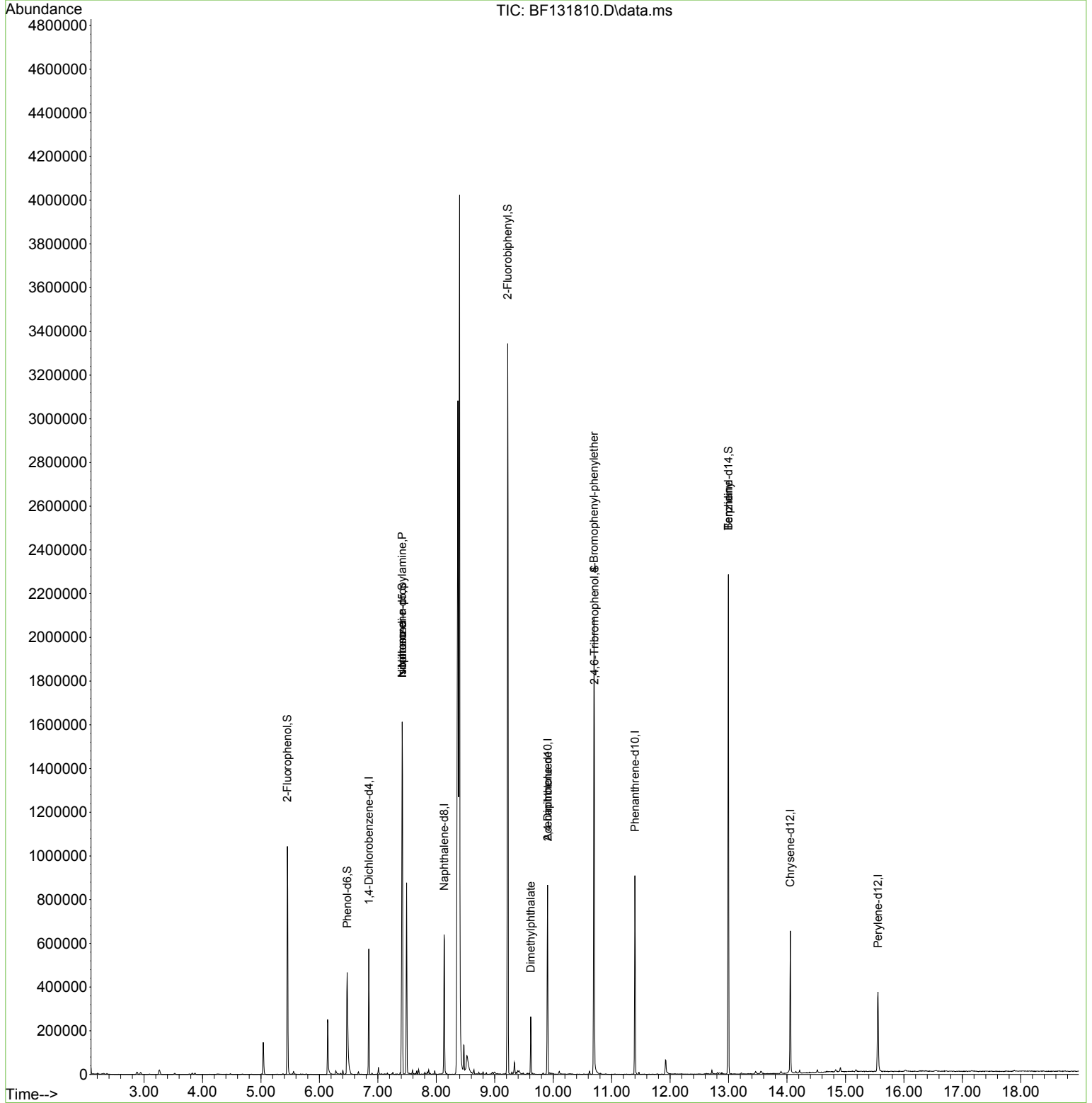
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	73887	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	268071	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	158200	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	307666	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	194930	20.000	ng	-0.01
86) Perylene-d12	15.557	264	176464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	251984	57.427	ng	0.00
7) Phenol-d6	6.475	99	223126	37.780	ng	-0.01
23) Nitrobenzene-d5	7.416	82	609251	92.264	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	238134	137.526	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1056593	93.559	ng	0.00
79) Terphenyl-d14	12.998	244	737376	58.955	ng	0.00
Target Compounds						
9) Benzaldehyde	6.398	77	781	Below Cal	#	40
19) n-Nitroso-di-n-propyla...	7.416	70	84151	19.756	ng	# 81
25) Isophorone	7.416	82	609236	54.327	ng	# 70
50) Dimethylphthalate	9.616	163	86777	7.290	ng	# 98
57) 2,4-Dinitrotoluene	9.904	165	19750	5.742	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	16365	4.504	ng	# 1
77) Benzidine	12.998	184	11841	3.313	ng	# 94

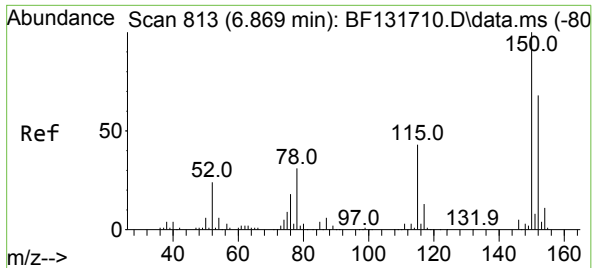
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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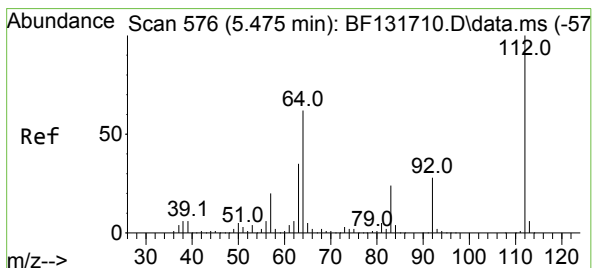
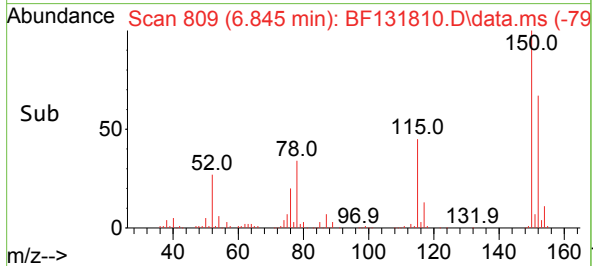
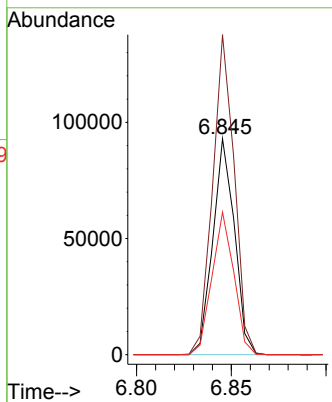
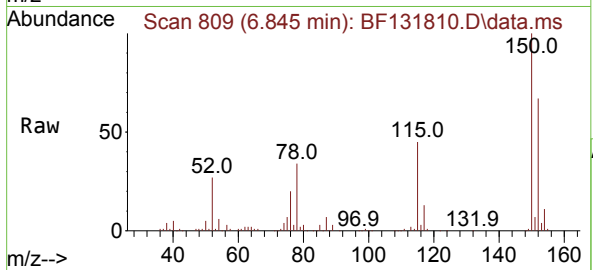




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.845 min Scan# 809  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

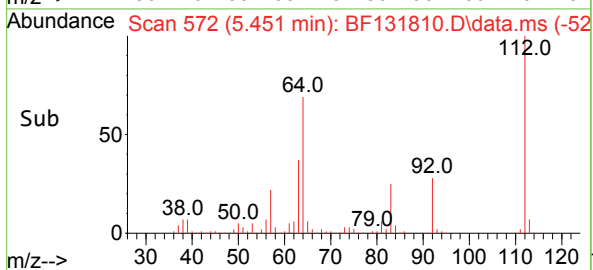
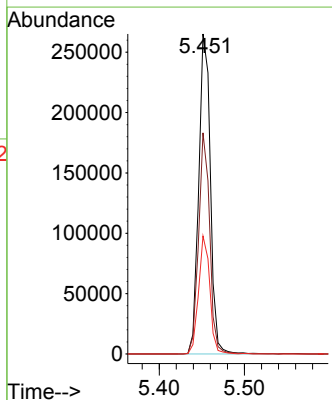
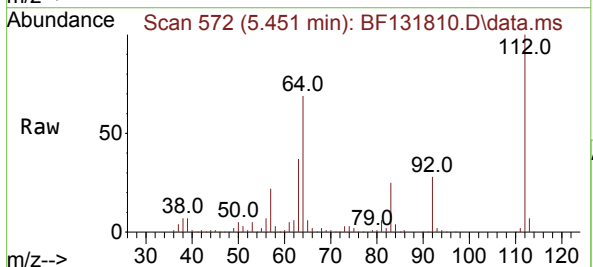
Instrument : BNA\_F  
 ClientSampleId : SP-591

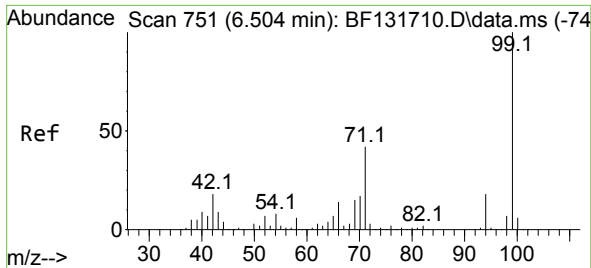
Tgt Ion:152 Resp: 73887  
 Ion Ratio Lower Upper  
 152 100  
 150 148.2 117.4 176.0  
 115 66.0 50.2 75.4



#5  
 2-Fluorophenol  
 Concen: 57.427 ng  
 RT: 5.451 min Scan# 572  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion:112 Resp: 251984  
 Ion Ratio Lower Upper  
 112 100  
 64 69.1 49.5 74.3  
 63 36.9 28.2 42.2

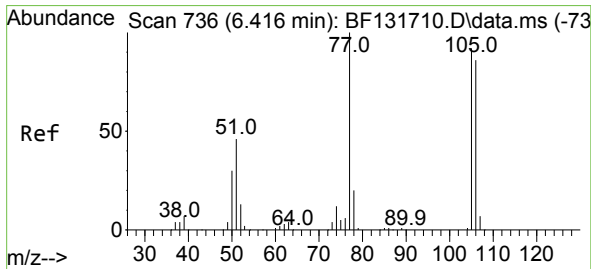
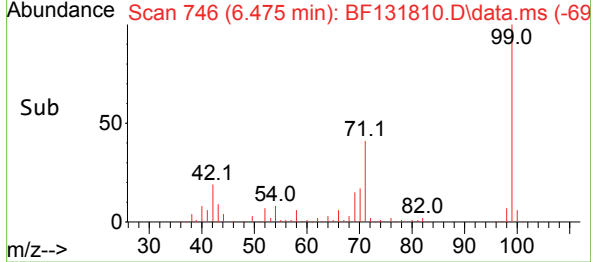
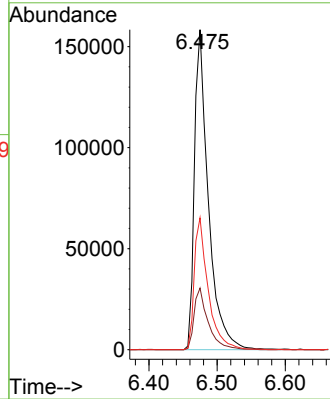
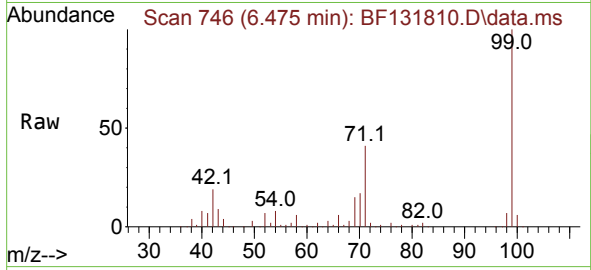




#7  
Phenol-d6  
Concen: 37.780 ng  
RT: 6.475 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

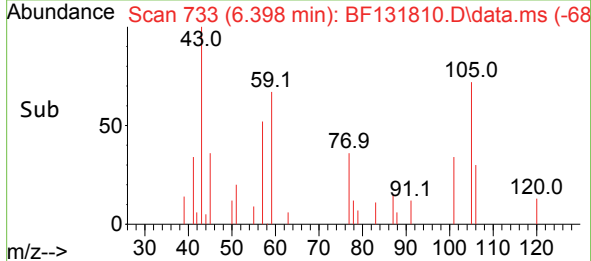
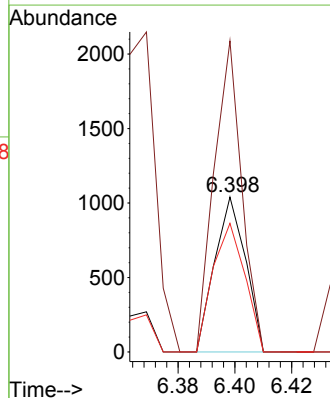
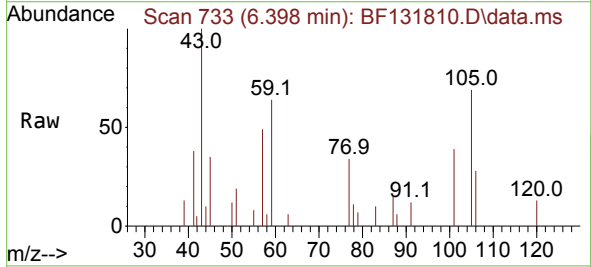
Instrument :  
BNA\_F  
ClientSampleId :  
SP-591

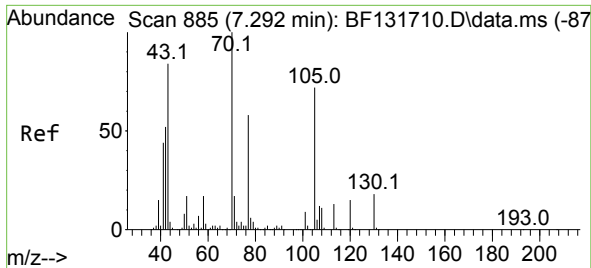
Tgt Ion: 99 Resp: 223126  
Ion Ratio Lower Upper  
99 100  
42 19.3 14.8 22.2  
71 41.2 33.8 50.6



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.398 min Scan# 733  
Delta R.T. -0.006 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

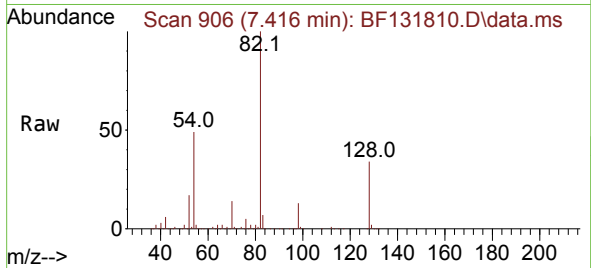
Tgt Ion: 77 Resp: 781  
Ion Ratio Lower Upper  
77 100  
105 200.8 72.4 112.4#  
106 83.1 66.5 106.5



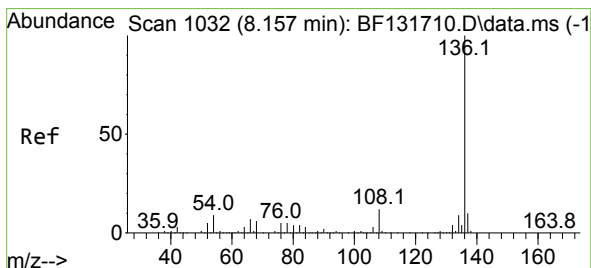
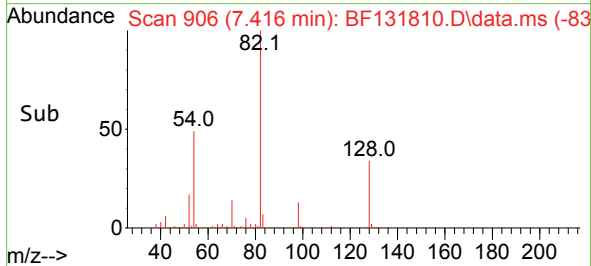
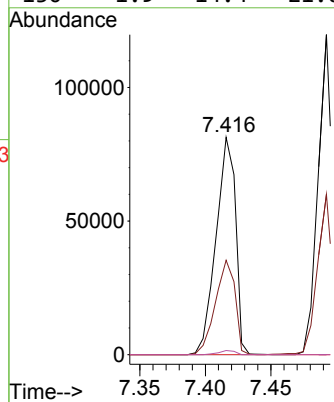


#19  
 n-Nitroso-di-n-propylamine  
 Concen: 19.756 ng  
 RT: 7.416 min Scan# 90  
 Delta R.T. 0.141 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-591

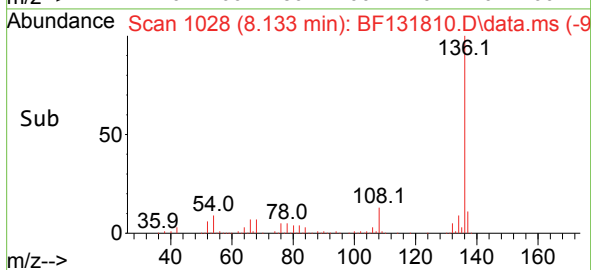
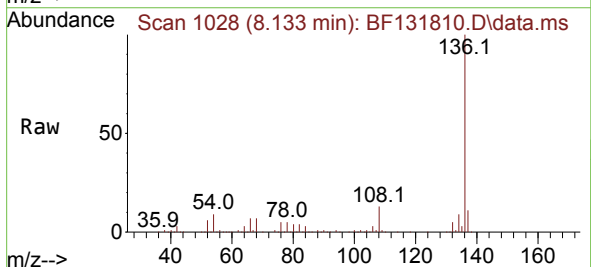
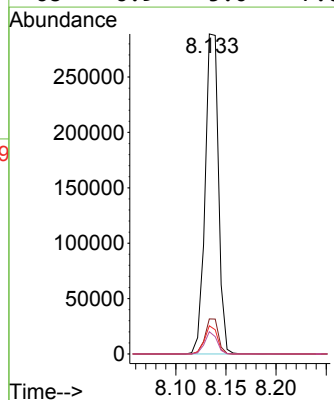


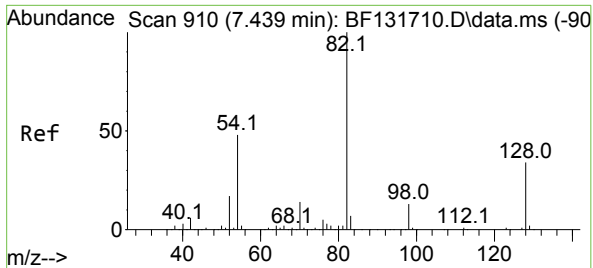
Tgt Ion: 70 Resp: 84151  
 Ion Ratio Lower Upper  
 70 100  
 42 43.5 41.5 62.3  
 101 0.0 7.3 10.9#  
 130 1.9 14.4 21.6#



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.133 min Scan# 1028  
 Delta R.T. -0.012 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion:136 Resp: 268071  
 Ion Ratio Lower Upper  
 136 100  
 137 11.0 8.4 12.6  
 54 8.8 7.2 10.8  
 68 6.9 5.0 7.6



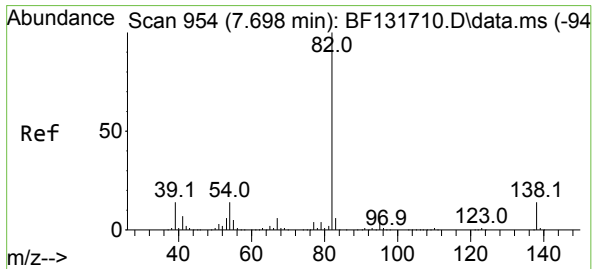
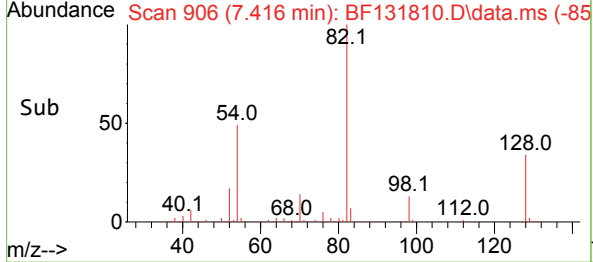
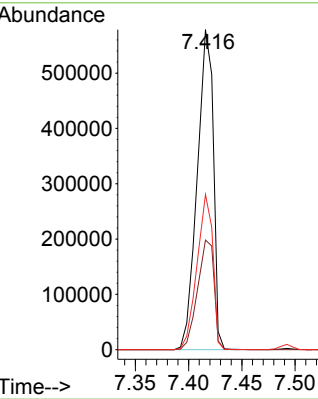
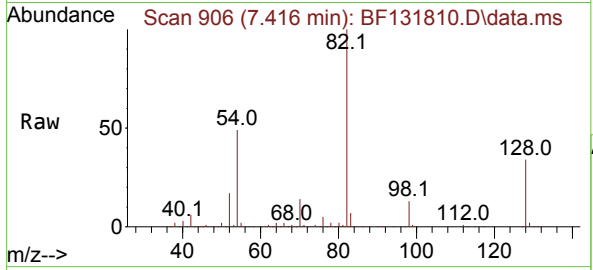


#23  
 Nitrobenzene-d5  
 Concen: 92.264 ng  
 RT: 7.416 min Scan# 906  
 Delta R.T. -0.012 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-591

Tgt Ion: 82 Resp: 609251

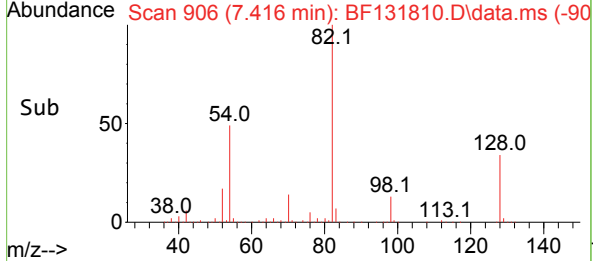
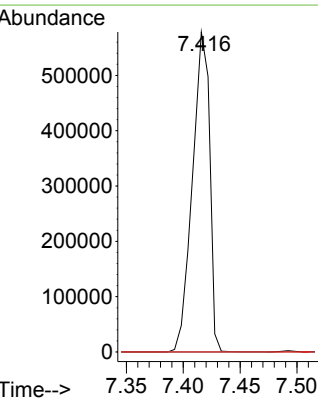
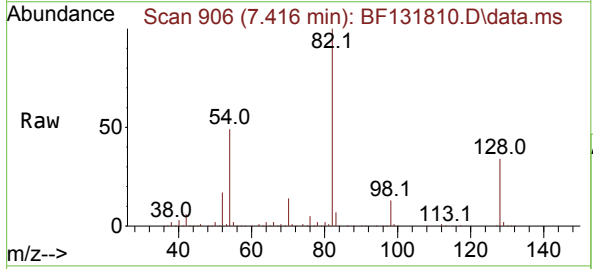
Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.3	40.9
54	48.5	38.2	57.2

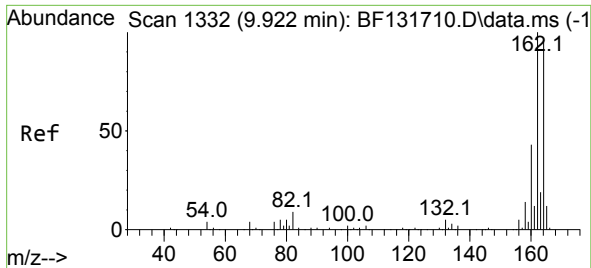


#25  
 Isophorone  
 Concen: 54.327 ng  
 RT: 7.416 min Scan# 906  
 Delta R.T. -0.271 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion: 82 Resp: 609236

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.6	17.4#



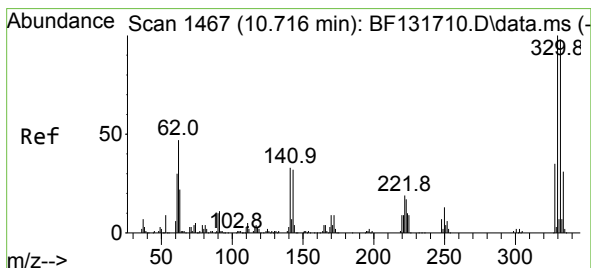
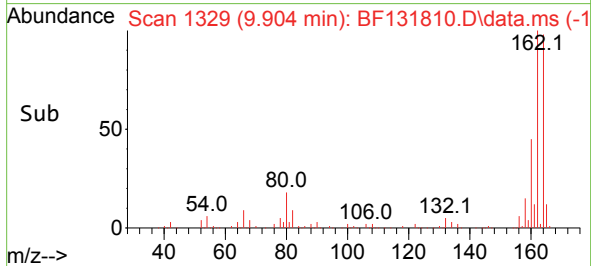
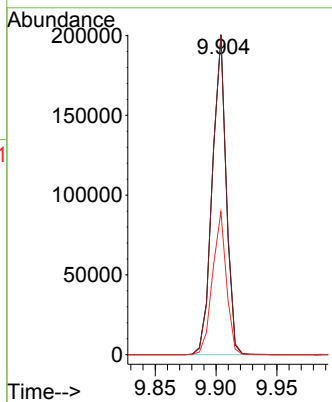
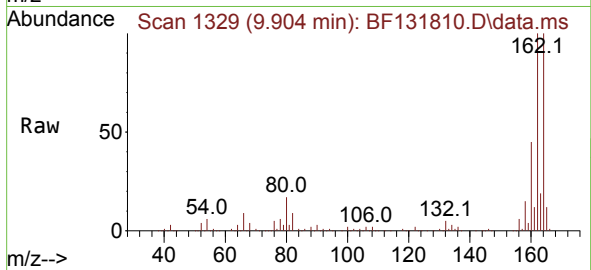


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.904 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:164 Resp: 158200

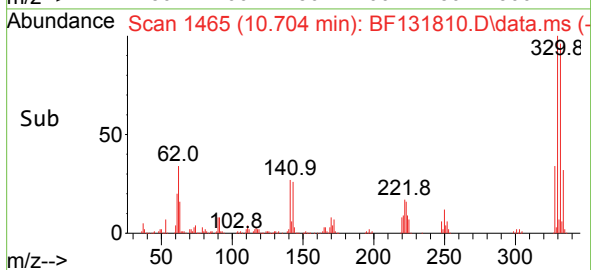
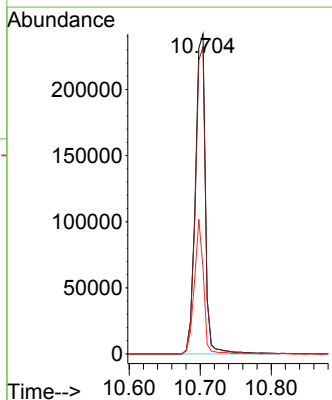
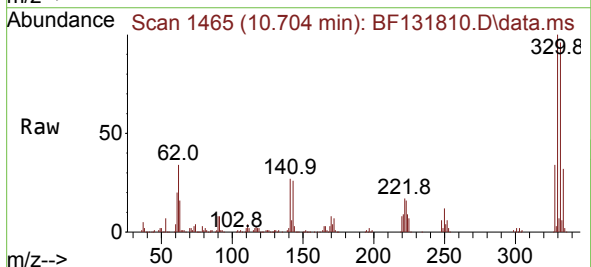
Ion	Ratio	Lower	Upper
164	100		
162	99.8	83.7	125.5
160	44.7	36.2	54.4

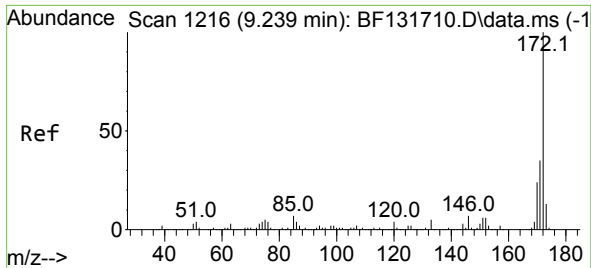


#42  
 2,4,6-Tribromophenol  
 Concen: 137.526 ng  
 RT: 10.704 min Scan# 1465  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion:330 Resp: 238134

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	38.7	30.4	45.6

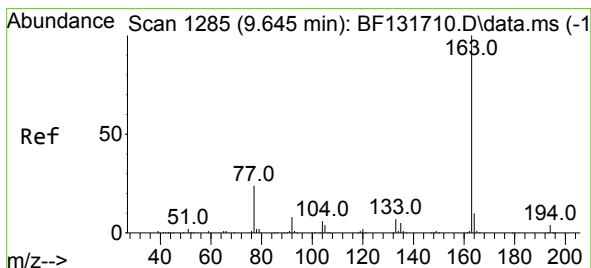
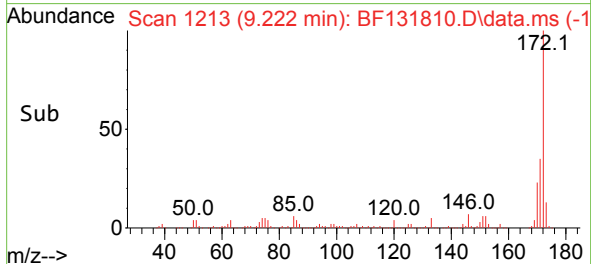
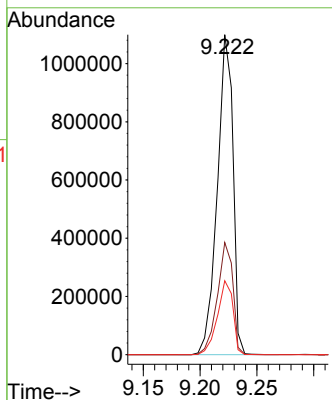
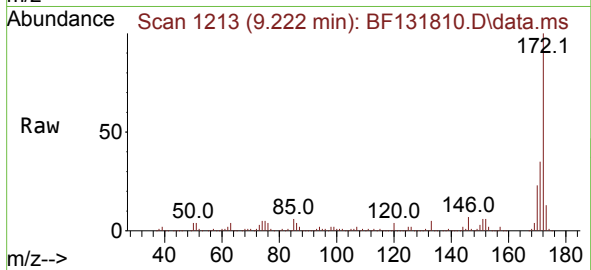




#45  
 2-Fluorobiphenyl  
 Concen: 93.559 ng  
 RT: 9.222 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

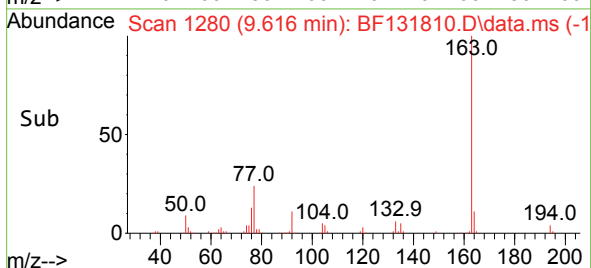
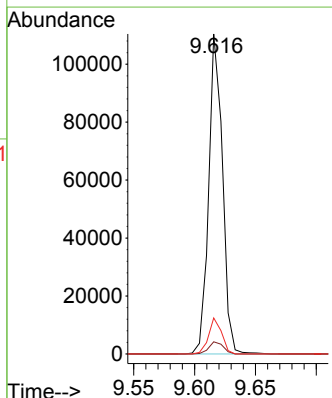
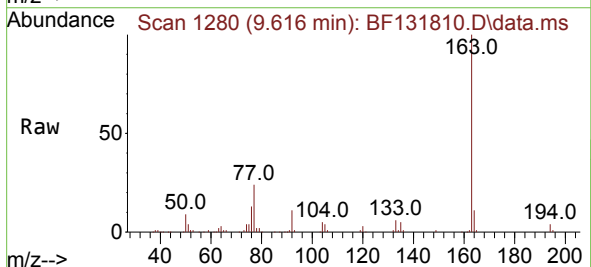
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-591

Tgt Ion:172 Resp: 1056593  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 27.9 41.9  
 170 23.1 19.0 28.4

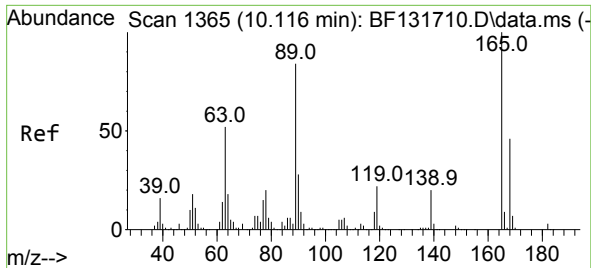


#50  
 Dimethylphthalate  
 Concen: 7.290 ng  
 RT: 9.616 min Scan# 1280  
 Delta R.T. -0.023 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion:163 Resp: 86777  
 Ion Ratio Lower Upper  
 163 100  
 194 3.8 3.1 4.7  
 164 11.2 8.2 12.4

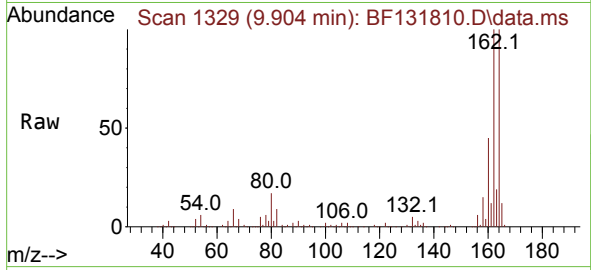




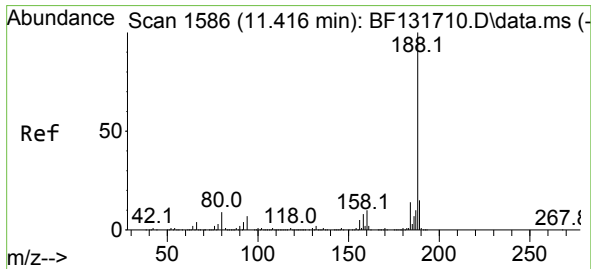
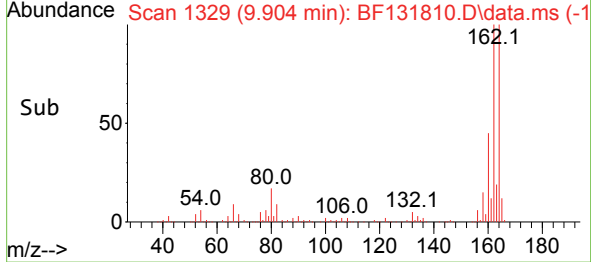
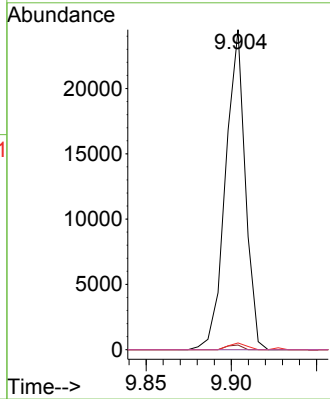


#57  
 2,4-Dinitrotoluene  
 Concen: 5.742 ng  
 RT: 9.904 min Scan# 11  
 Delta R.T. -0.206 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-591

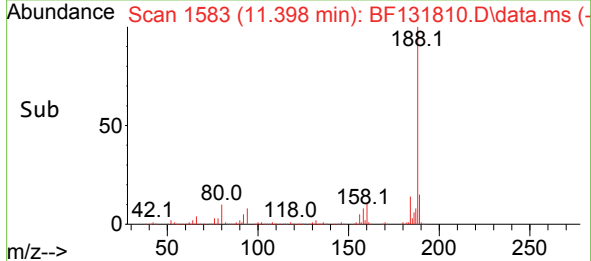
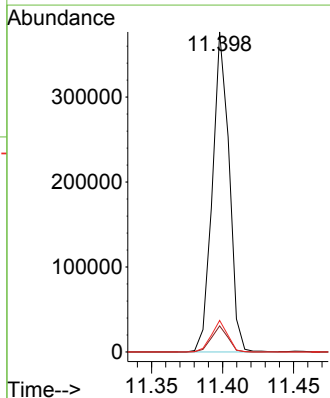
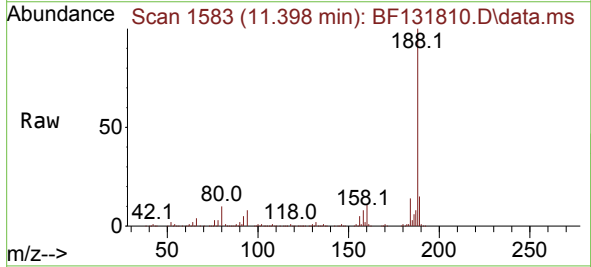


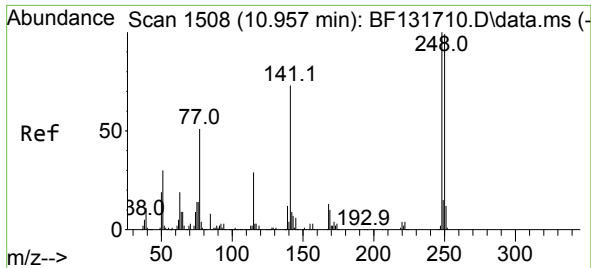
Tgt Ion:165 Resp: 19750  
 Ion Ratio Lower Upper  
 165 100  
 63 1.5 41.5 62.3#  
 89 2.1 67.0 100.4#  
 182 0.0 2.2 3.4#



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.398 min Scan# 1583  
 Delta R.T. -0.012 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion:188 Resp: 307666  
 Ion Ratio Lower Upper  
 188 100  
 94 8.1 5.9 8.9  
 80 9.8 7.0 10.6



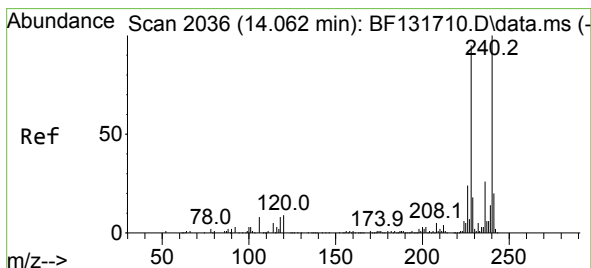
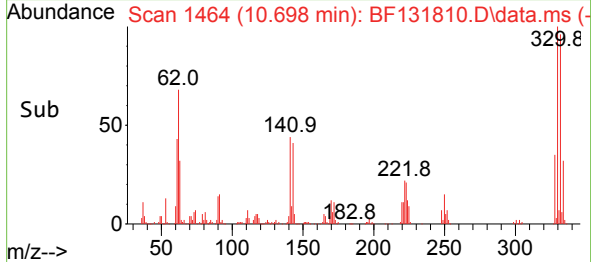
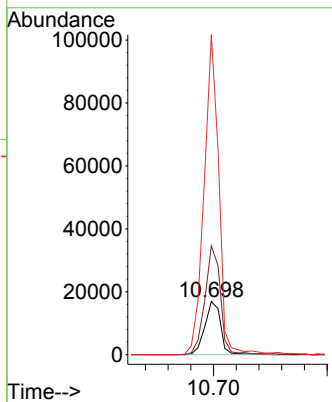
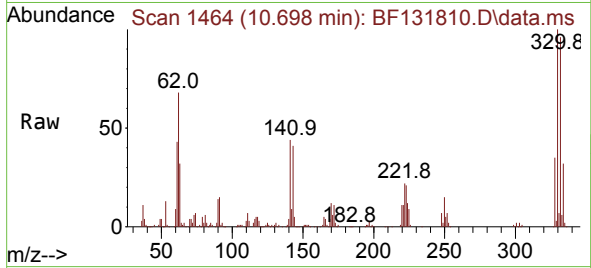


#67  
 4-Bromophenyl-phenylether  
 Concen: 4.504 ng  
 RT: 10.698 min Scan# 1464  
 Delta R.T. -0.253 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-591

Tgt Ion:248 Resp: 16365

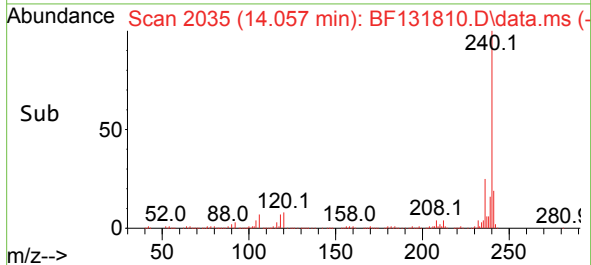
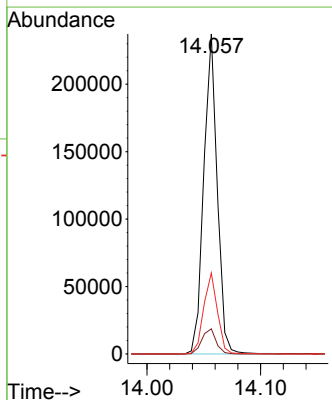
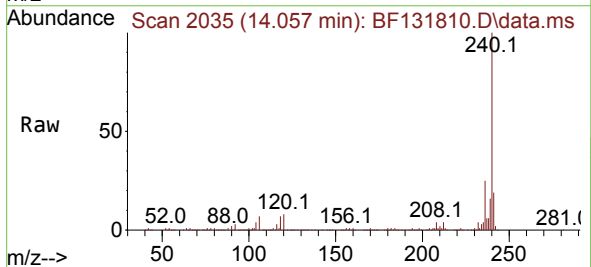
Ion	Ratio	Lower	Upper
248	100		
250	204.8	79.4	119.0#
141	602.3	58.1	87.1#

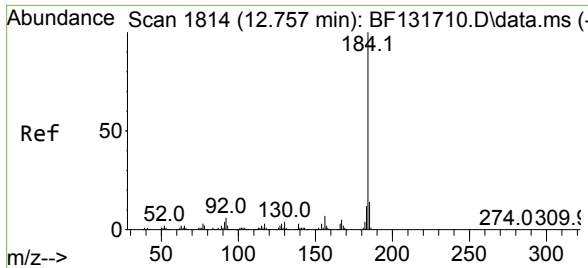


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.057 min Scan# 2035  
 Delta R.T. -0.012 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion:240 Resp: 194930

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.6	11.4
236	25.3	21.2	31.8



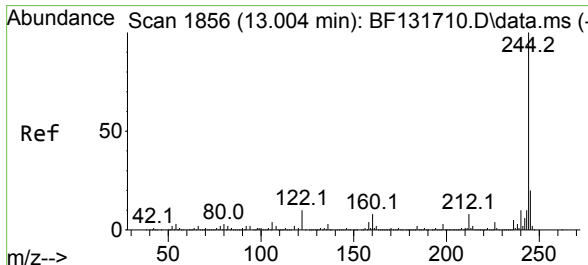
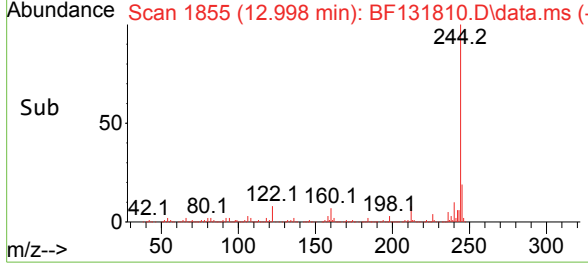
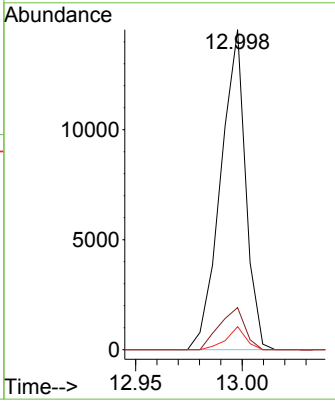
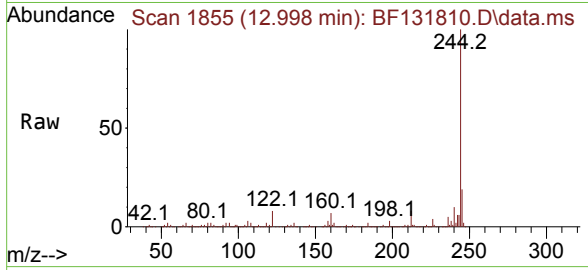


#77  
 Benzidine  
 Concen: 3.313 ng  
 RT: 12.998 min Scan# 1855  
 Delta R.T. 0.247 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Instrument : BNA\_F  
 ClientSampleId : SP-591

Tgt Ion:184 Resp: 11841

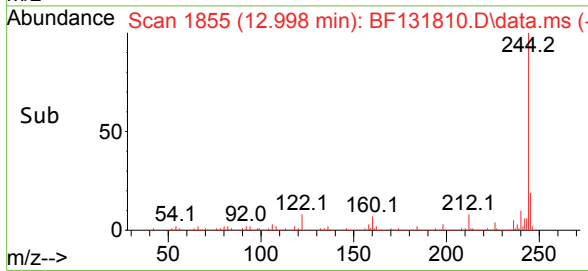
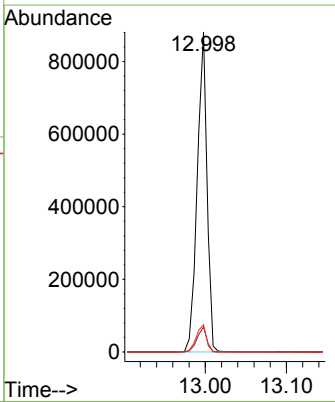
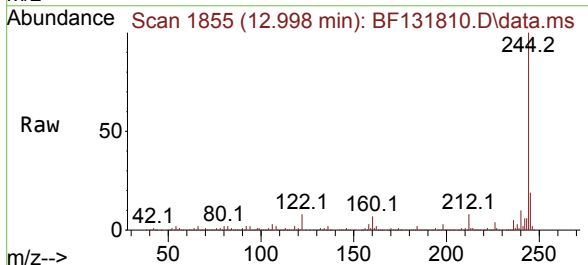
Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.3	16.9
183	7.2	9.3	13.9

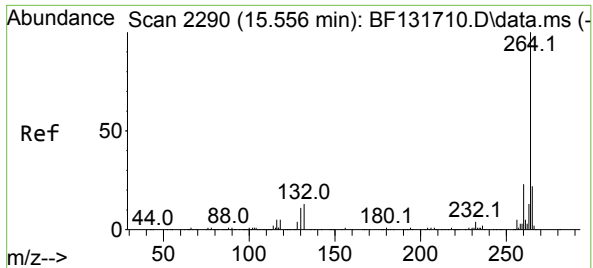


#79  
 Terphenyl-d14  
 Concen: 58.955 ng  
 RT: 12.998 min Scan# 1855  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion:244 Resp: 737376

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	8.5	7.7	11.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-591

Tgt Ion:264 Resp: 176464

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	21.2	17.4	26.2

