

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062723\  
 Data File : BF133989.D  
 Acq On : 27 Jun 2023 13:57  
 Operator : CG\JU  
 Sample : 03337-14  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-7

Quant Time: Jun 27 15:22:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 26 23:12:04 2023  
 Response via : Initial Calibration

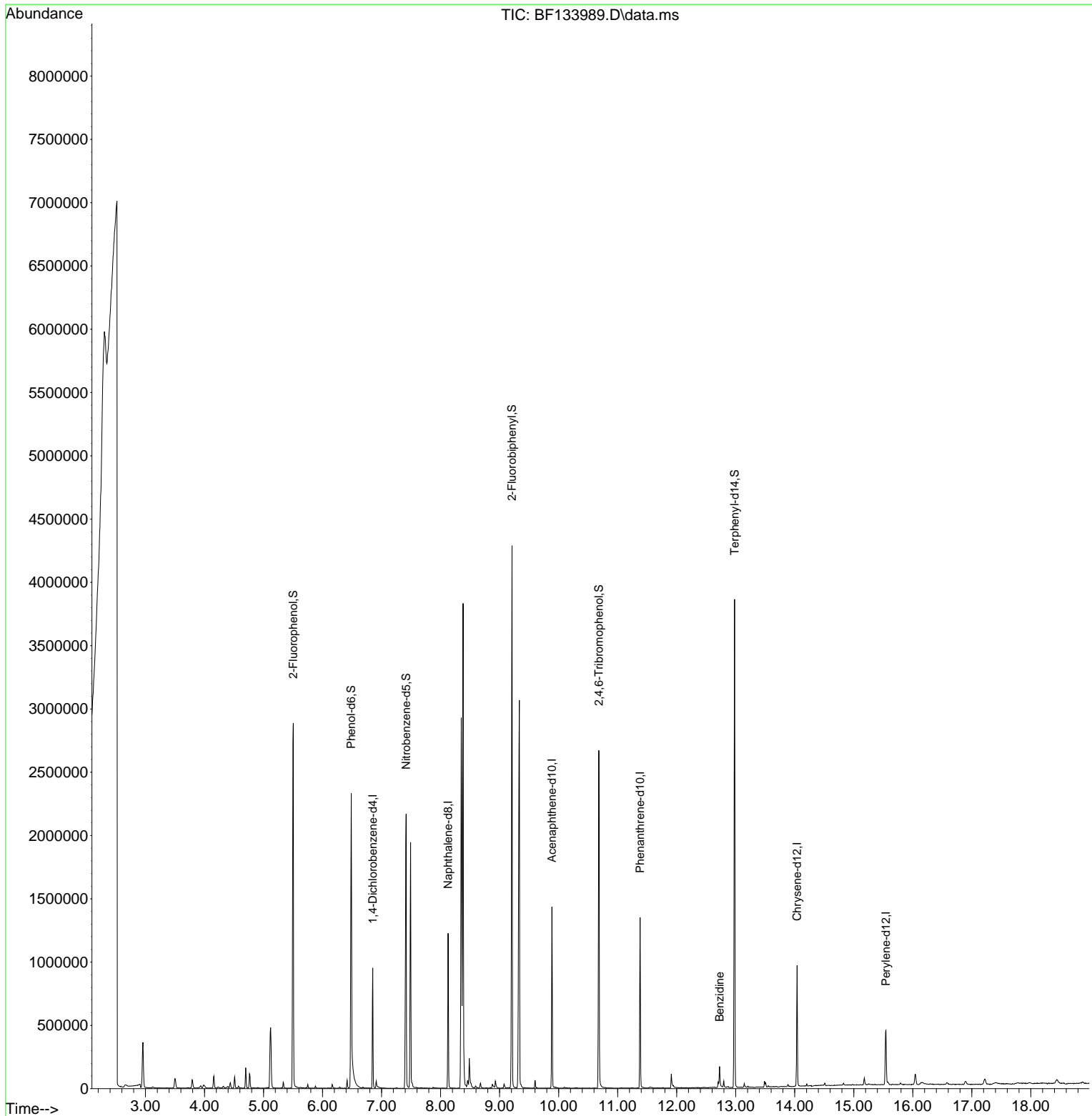
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	129934	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	483393	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	261183	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	470936	20.000	ng	0.00
76) Chrysene-d12	14.039	240	300026	20.000	ng	0.00
86) Perylene-d12	15.545	264	215634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	801242	103.152	ng	0.02
7) Phenol-d6	6.487	99	904106	94.645	ng	0.00
23) Nitrobenzene-d5	7.416	82	721819	80.493	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	341159	104.180	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1246868	69.408	ng	0.00
79) Terphenyl-d14	12.980	244	1367865	73.376	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	61352	8.594	ng	Qvalue 98

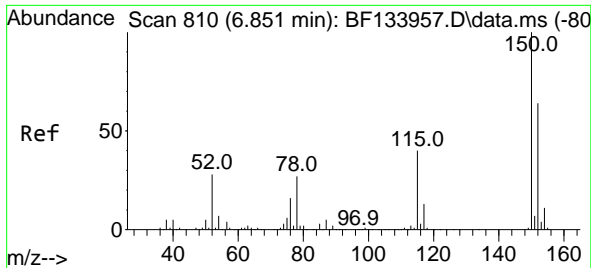
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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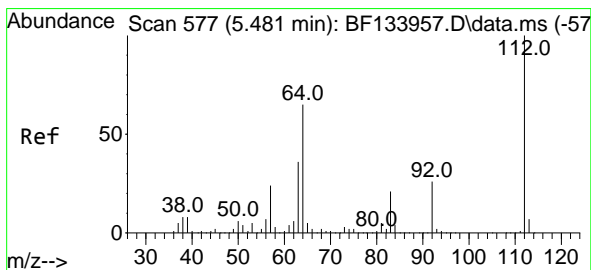
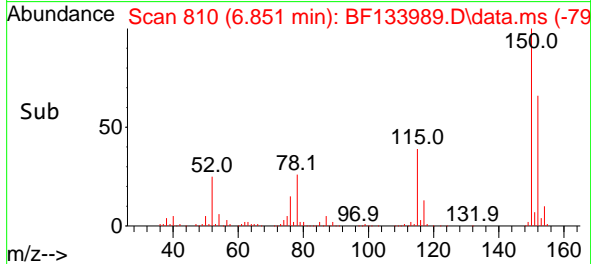
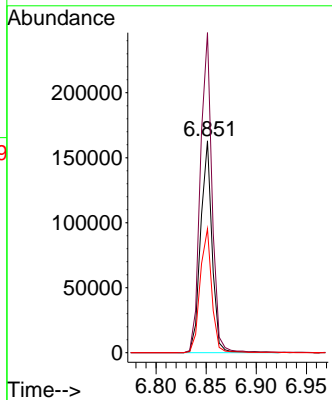
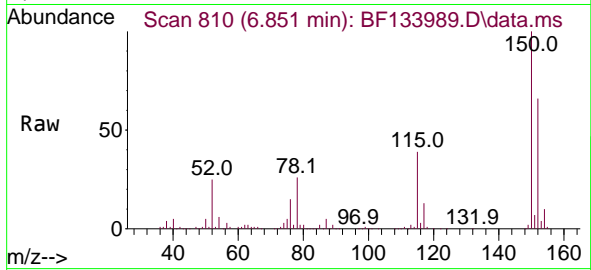




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.851 min Scan# 810  
 Delta R.T. 0.000 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

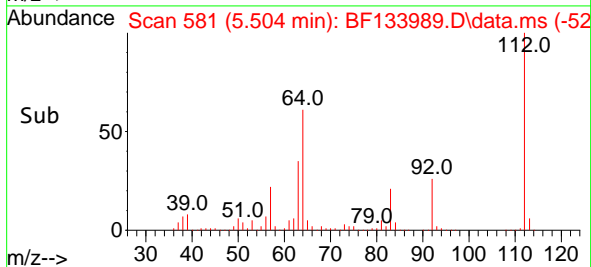
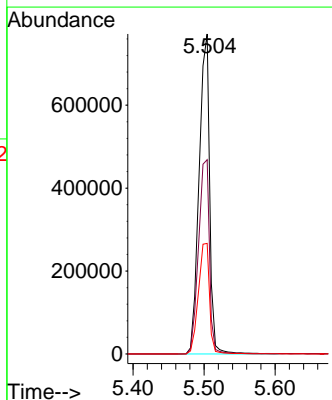
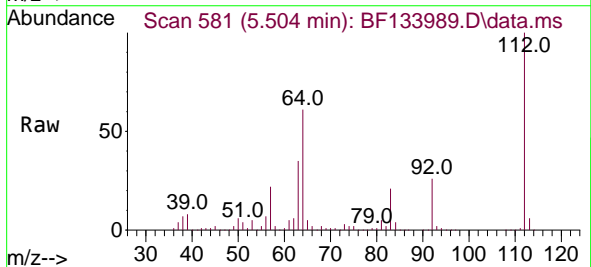
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-7

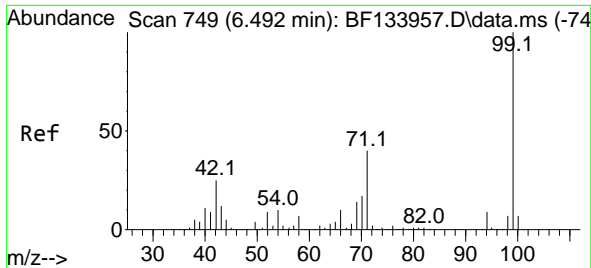
Tgt Ion:152 Resp: 129934  
 Ion Ratio Lower Upper  
 152 100  
 150 151.0 124.5 186.7  
 115 58.5 50.2 75.2



#5  
 2-Fluorophenol  
 Concen: 103.152 ng  
 RT: 5.504 min Scan# 581  
 Delta R.T. 0.024 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Tgt Ion:112 Resp: 801242  
 Ion Ratio Lower Upper  
 112 100  
 64 60.7 52.1 78.1  
 63 34.6 28.6 42.8



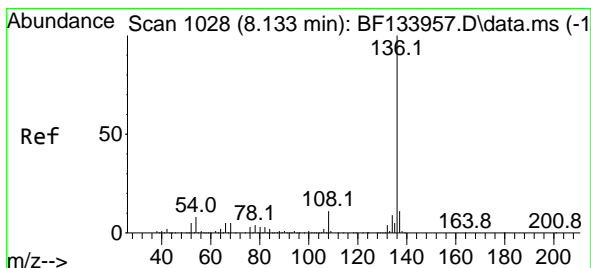
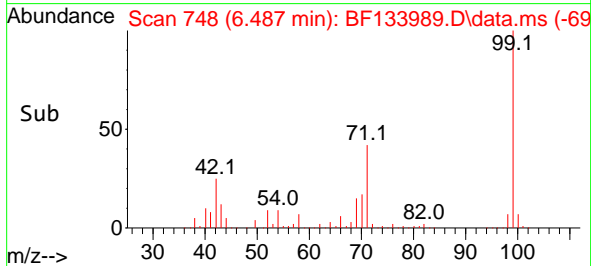
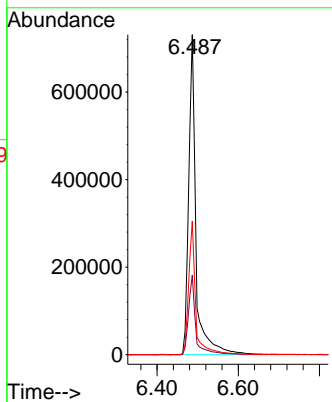
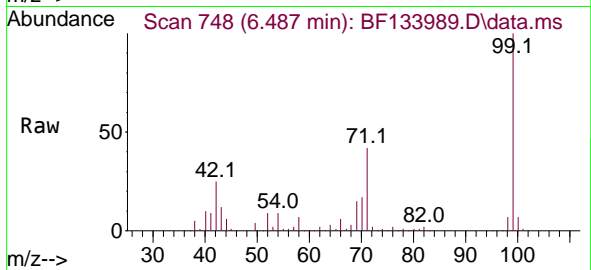


#7  
 Phenol-d6  
 Concen: 94.645 ng  
 RT: 6.487 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Instrument : BNA\_F  
 ClientSampleId : WC-7

Tgt Ion: 99 Resp: 904106

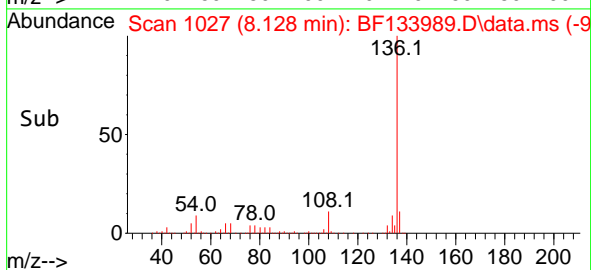
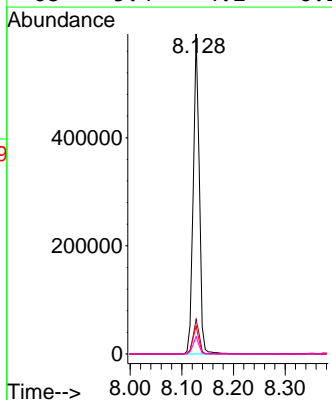
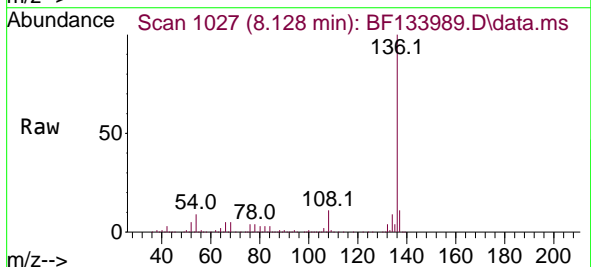
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.6
71	41.7	31.9	47.9

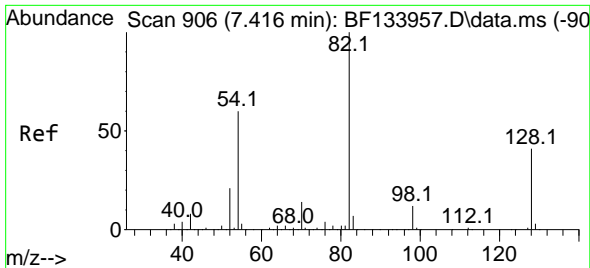


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.128 min Scan# 1027  
 Delta R.T. -0.006 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Tgt Ion: 136 Resp: 483393

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.7	6.5	9.7
68	5.4	4.2	6.2



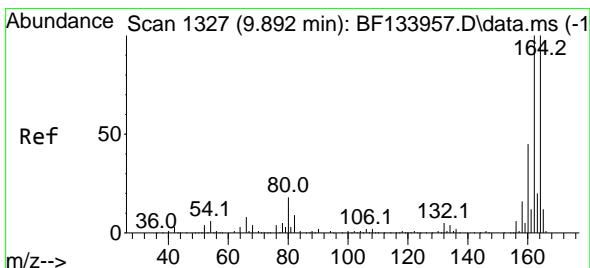
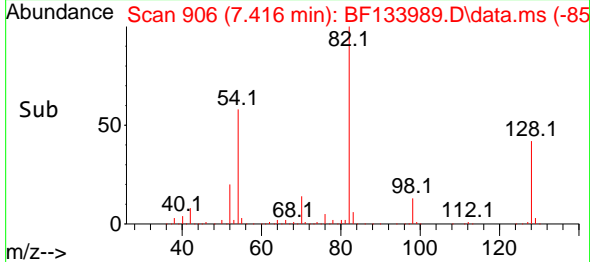
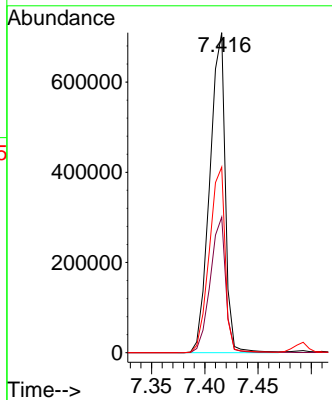
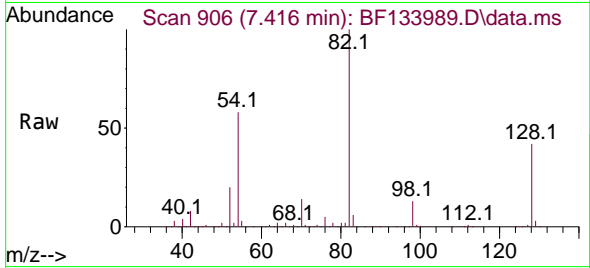


#23  
 Nitrobenzene-d5  
 Concen: 80.493 ng  
 RT: 7.416 min Scan# 90  
 Delta R.T. 0.000 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-7

Tgt Ion: 82 Resp: 721819

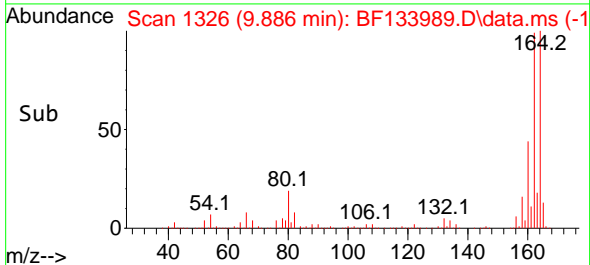
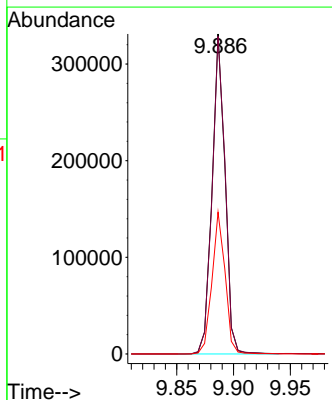
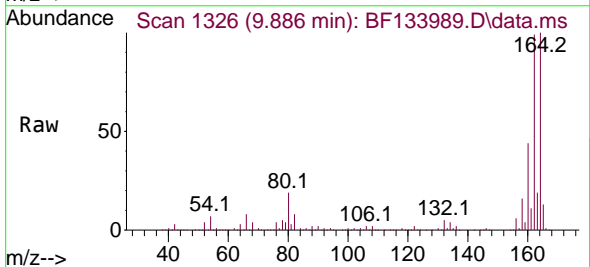
Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.5	48.7
54	58.0	48.2	72.2

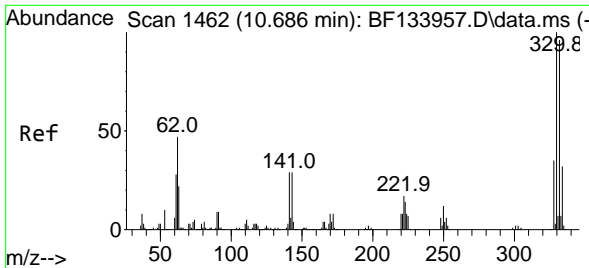


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.886 min Scan# 1326  
 Delta R.T. -0.006 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Tgt Ion: 164 Resp: 261183

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.0	120.0
160	44.3	35.9	53.9

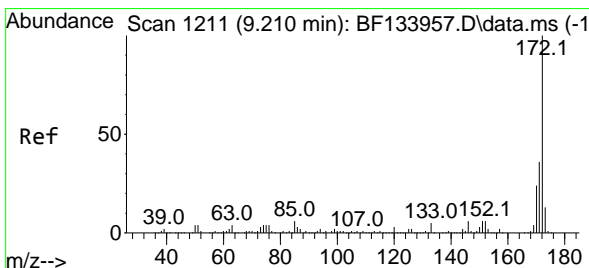
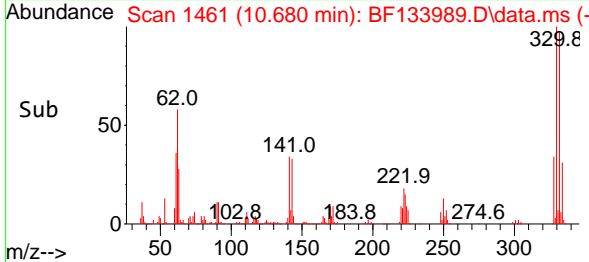
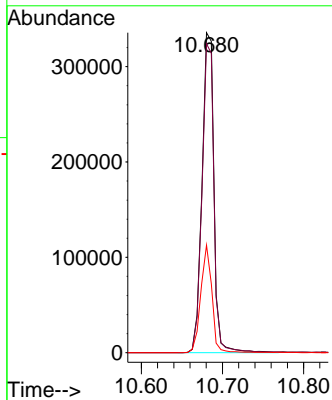
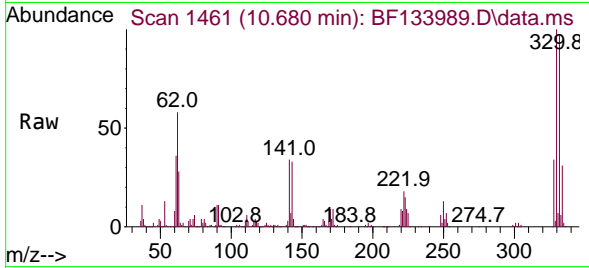




#42  
 2,4,6-Tribromophenol  
 Concen: 104.180 ng  
 RT: 10.680 min Scan# 1461  
 Delta R.T. -0.006 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

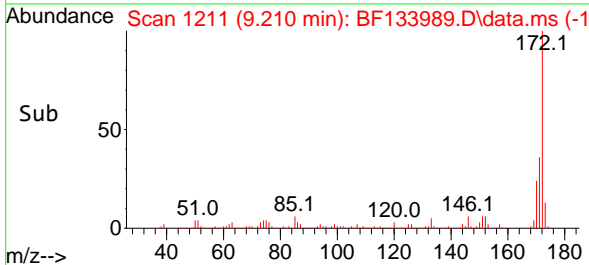
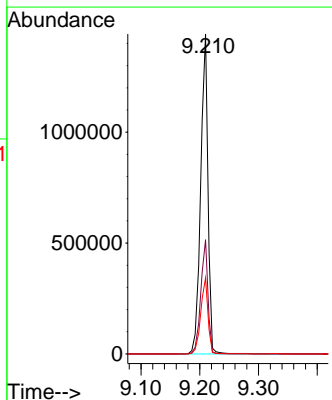
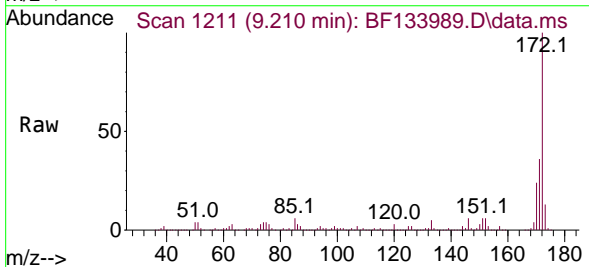
Instrument :  
 BNA\_F  
 ClientSampleId :  
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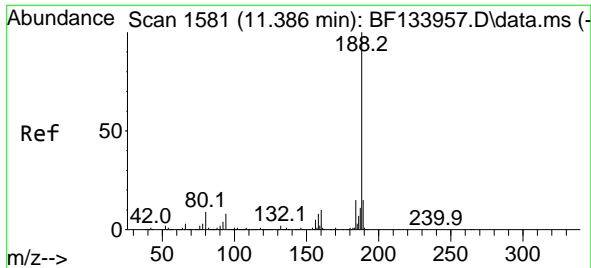
Tgt Ion:330 Resp: 341159  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 77.0 115.6  
 141 31.5 26.3 39.5



#45  
 2-Fluorobiphenyl  
 Concen: 69.408 ng  
 RT: 9.210 min Scan# 1211  
 Delta R.T. -0.000 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Tgt Ion:172 Resp: 1246868  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.6 43.0  
 170 23.8 19.4 29.0



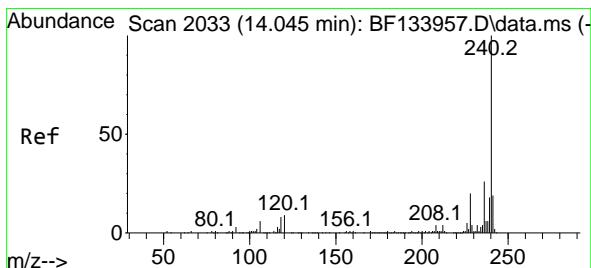
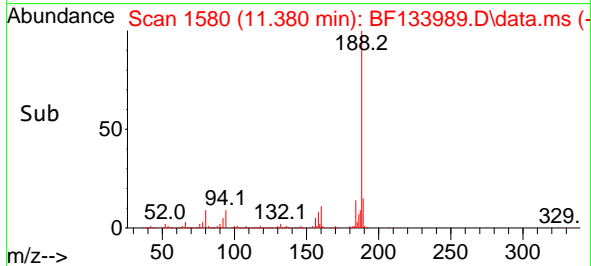
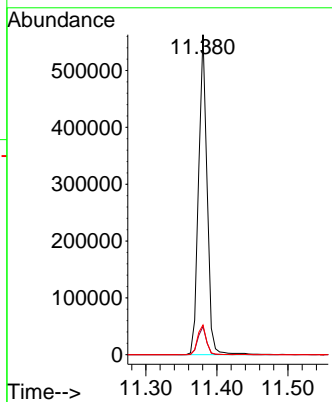
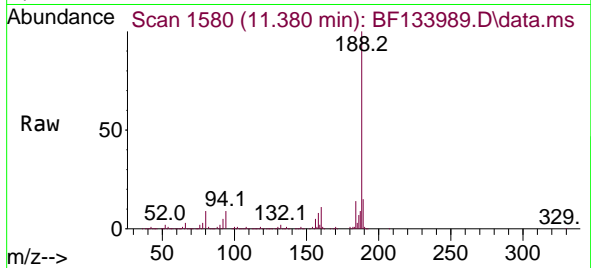


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.380 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:188 Resp: 470936

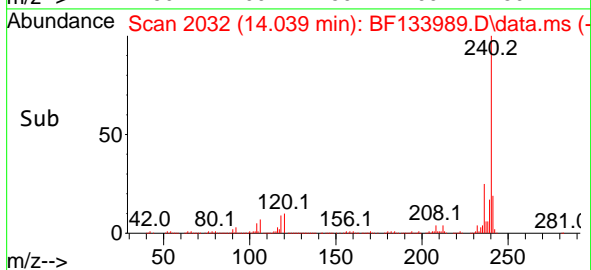
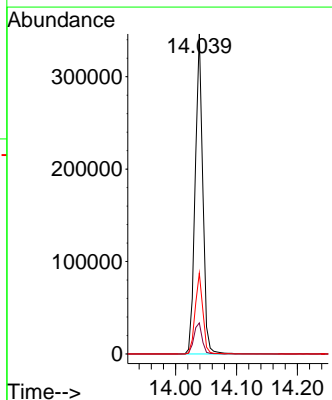
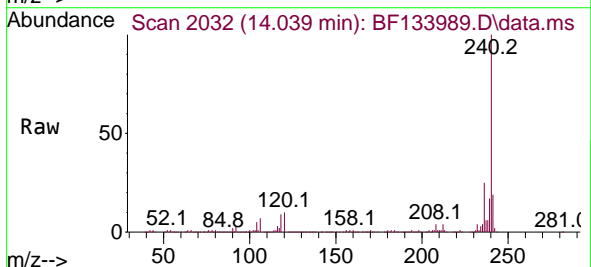
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.4	9.6
80	9.3	7.3	10.9

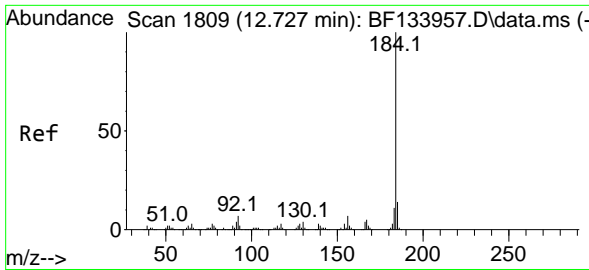


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.039 min Scan# 2032  
 Delta R.T. -0.006 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Tgt Ion:240 Resp: 300026

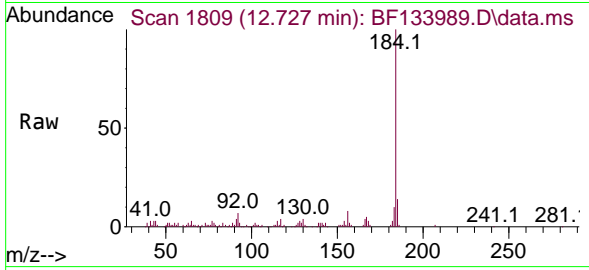
Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.4	11.0
236	25.2	21.0	31.6



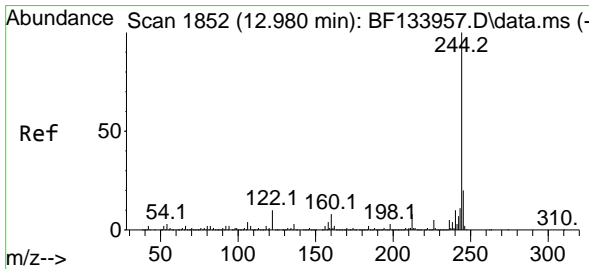
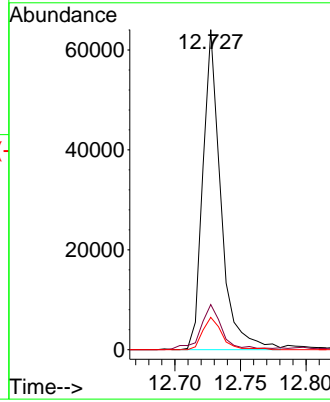
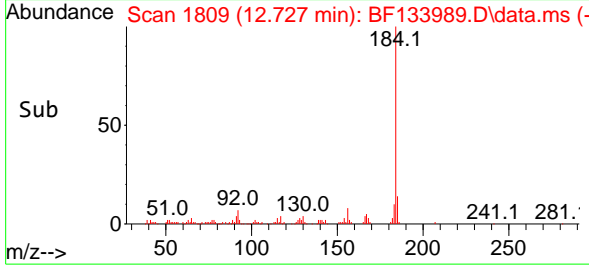


#77  
 Benzidine  
 Concen: 8.594 ng  
 RT: 12.727 min Scan# 118  
 Delta R.T. 0.000 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

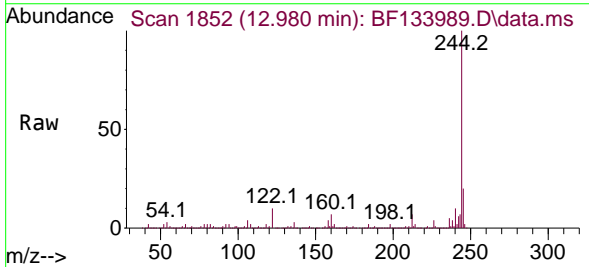
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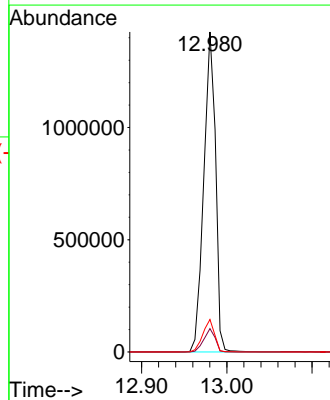
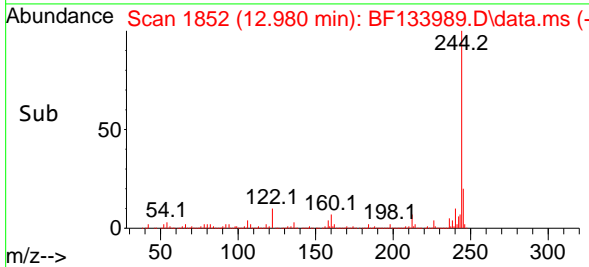
Tgt Ion:184 Resp: 61352  
 Ion Ratio Lower Upper  
 184 100  
 185 14.1 11.6 17.4  
 183 10.1 8.8 13.2



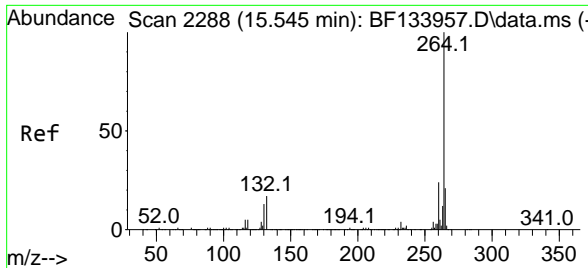
#79  
 Terphenyl-d14  
 Concen: 73.376 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. 0.000 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57



Tgt Ion:244 Resp: 1367865  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 10.2 8.3 12.5







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF133989.D  
 Acq: 27 Jun 2023 13:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:264 Resp: 215634

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	16.6	25.0

