

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103124\  
 Data File : BF140193.D  
 Acq On : 31 Oct 2024 17:01  
 Operator : RC/JU  
 Sample : P4578-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WB-305-SW

Quant Time: Nov 01 01:14:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	185491	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	676798	20.000	ng	-0.01
39) Acenaphthene-d10	9.927	164	334897	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	527934	20.000	ng	0.00
76) Chrysene-d12	14.068	240	330677	20.000	ng	0.02
86) Perylene-d12	15.574	264	264306	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	325476	27.469	ng	0.00
7) Phenol-d6	6.504	99	390383	25.439	ng	0.00
23) Nitrobenzene-d5	7.439	82	414358	33.932	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	189605	60.528	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	758874	37.450	ng	-0.01
79) Terphenyl-d14	13.010	244	951394	46.882	ng	0.01

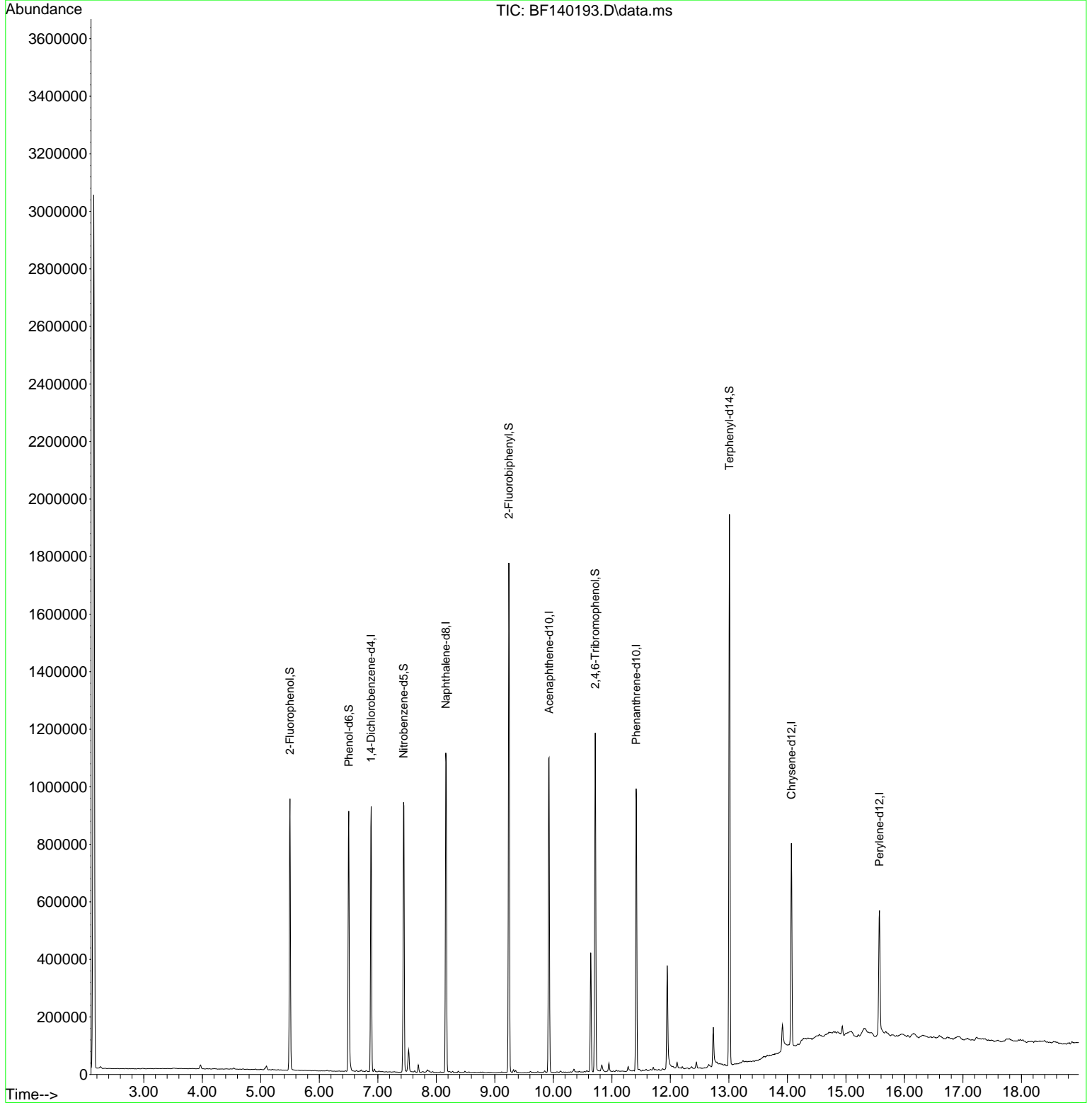
Target Compounds Qvalue

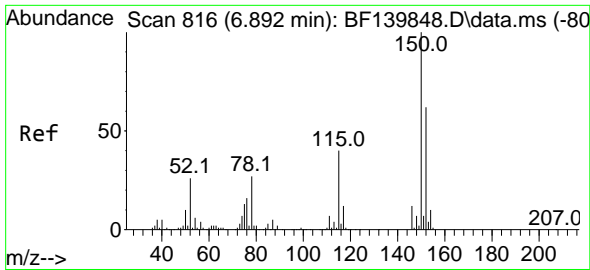
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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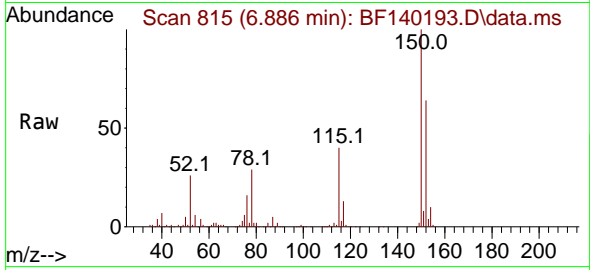
Quant Time: Nov 01 01:14:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
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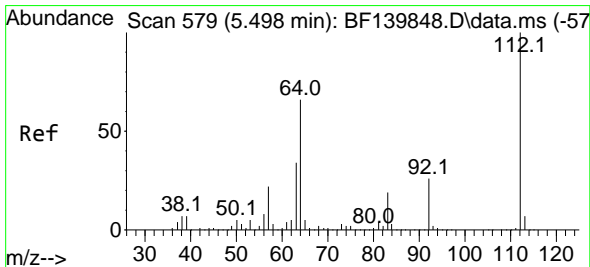
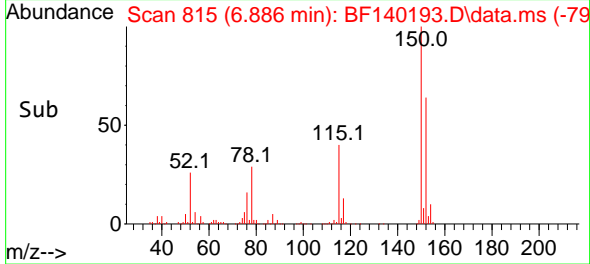
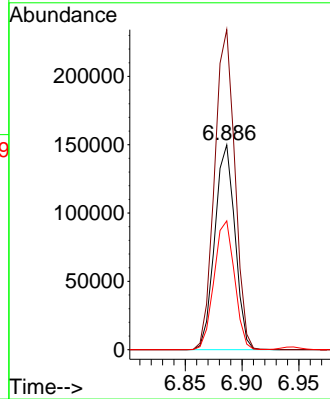


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 815  
 Delta R.T. -0.006 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Instrument : BNA\_F  
 ClientSampleId : WB-305-SW

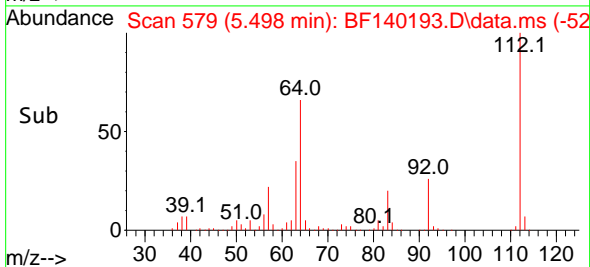
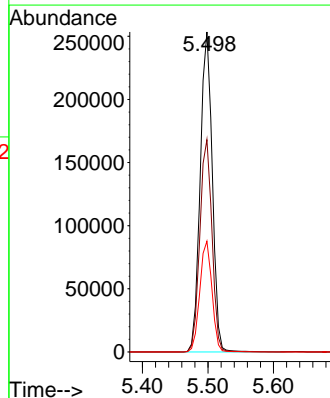
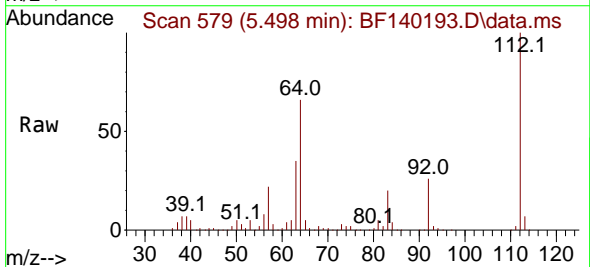


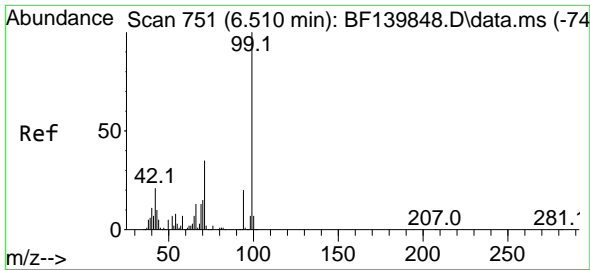
Tgt Ion:152 Resp: 185491  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 130.2 195.2  
 115 62.9 51.4 77.2



#5  
 2-Fluorophenol  
 Concen: 27.469 ng  
 RT: 5.498 min Scan# 579  
 Delta R.T. 0.000 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Tgt Ion:112 Resp: 325476  
 Ion Ratio Lower Upper  
 112 100  
 64 66.3 53.0 79.6  
 63 34.6 27.0 40.4



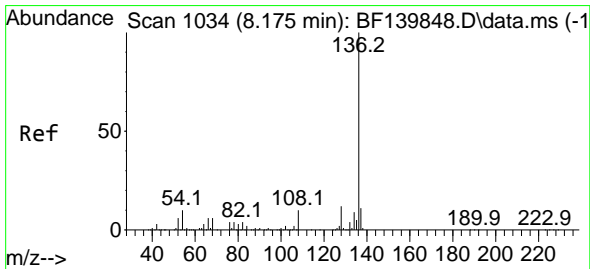
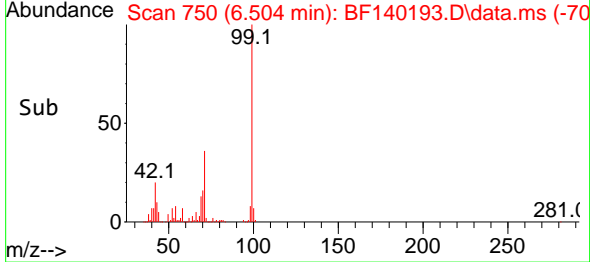
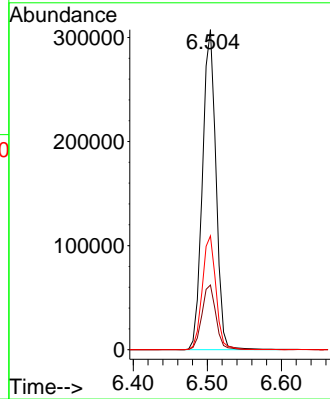
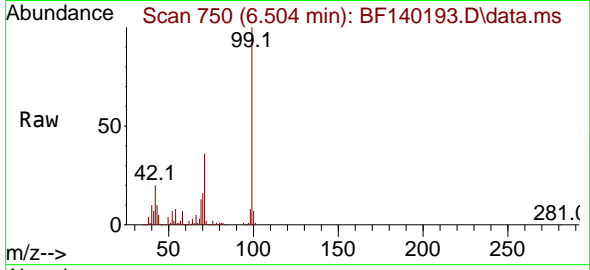


#7  
 Phenol-d6  
 Concen: 25.439 ng  
 RT: 6.504 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WB-305-SW

Tgt Ion: 99 Resp: 390383

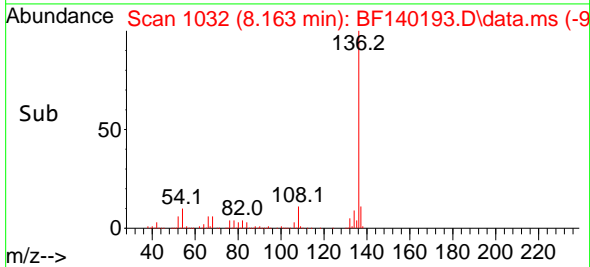
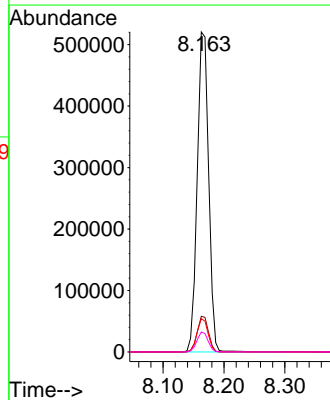
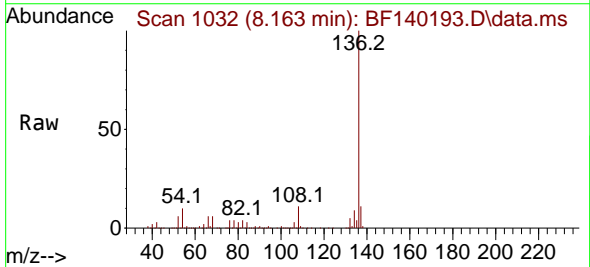
Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.7	25.1
71	35.5	27.7	41.5

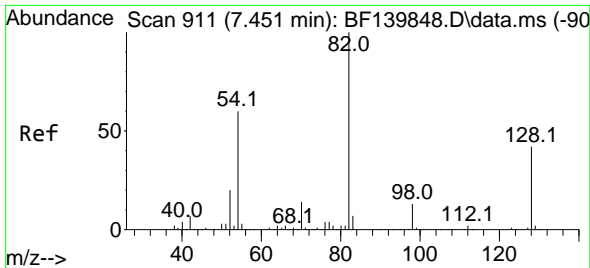


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.163 min Scan# 1032  
 Delta R.T. -0.012 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Tgt Ion: 136 Resp: 676798

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.4	8.4	12.6
68	6.2	5.1	7.7



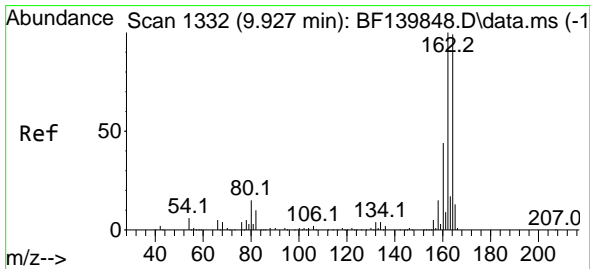
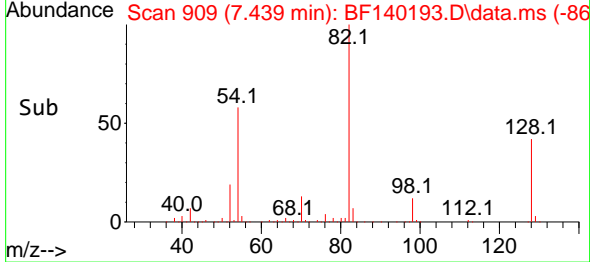
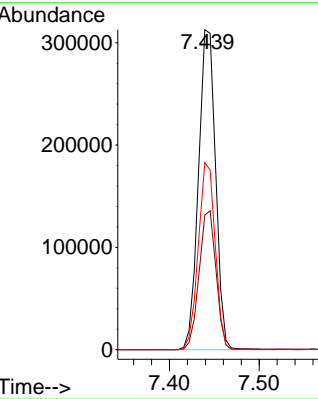
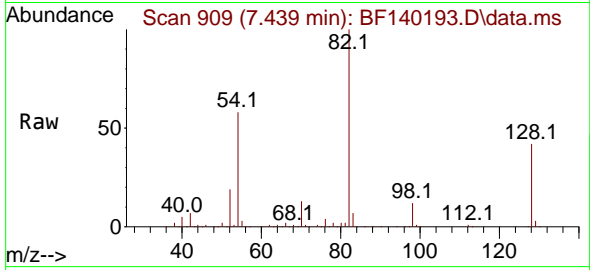


#23  
 Nitrobenzene-d5  
 Concen: 33.932 ng  
 RT: 7.439 min Scan# 909  
 Delta R.T. -0.012 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Instrument :  
 BNA\_F  
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Tgt Ion: 82 Resp: 414358

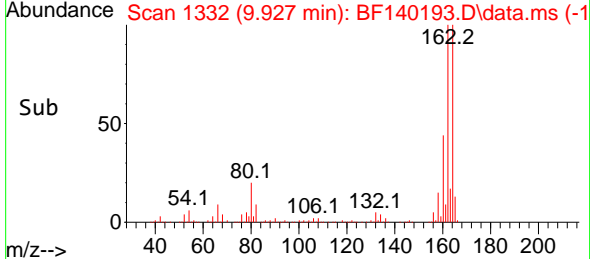
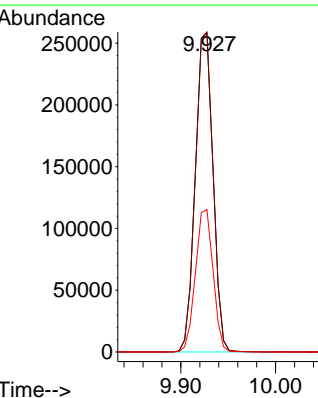
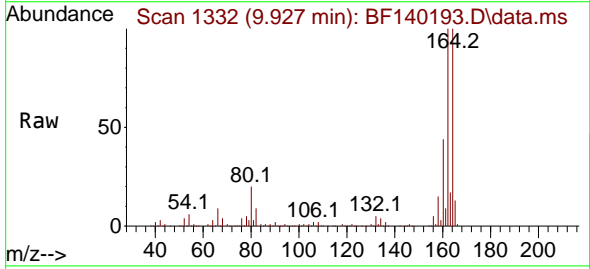
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	58.4	47.8	71.8

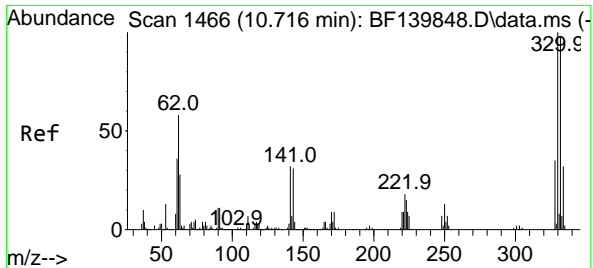


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.927 min Scan# 1332  
 Delta R.T. 0.000 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Tgt Ion: 164 Resp: 334897

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.4
160	44.7	35.4	53.0



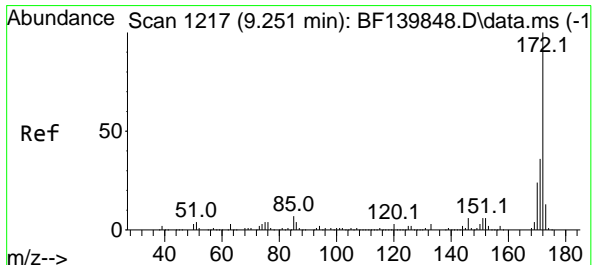
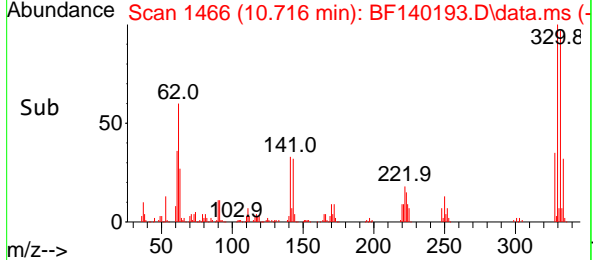
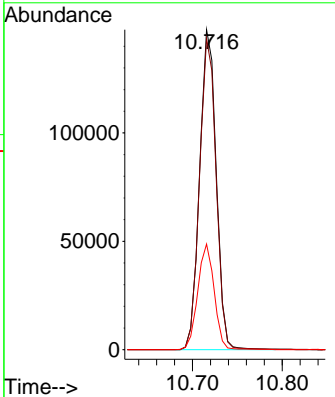
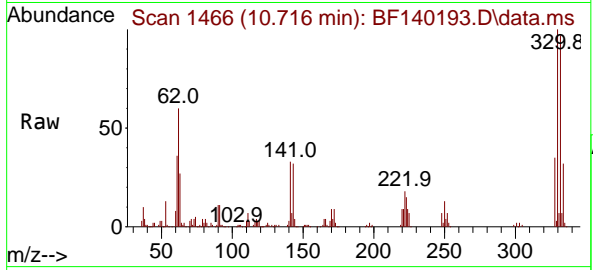


#42  
 2,4,6-Tribromophenol  
 Concen: 60.528 ng  
 RT: 10.716 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

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Tgt Ion: 330 Resp: 189605

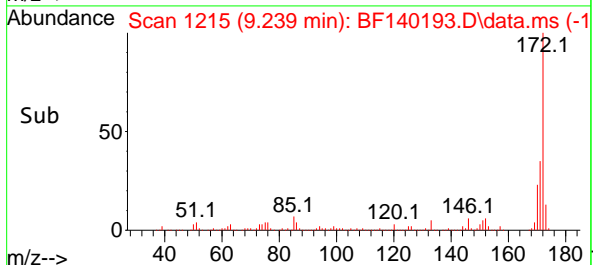
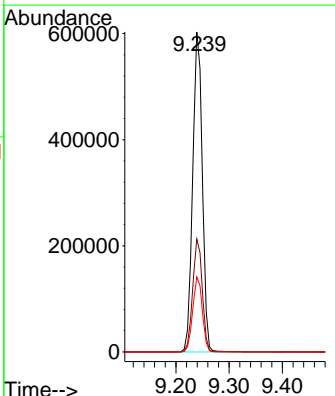
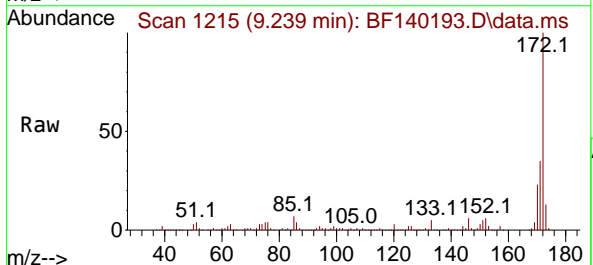
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	32.8	26.6	39.8

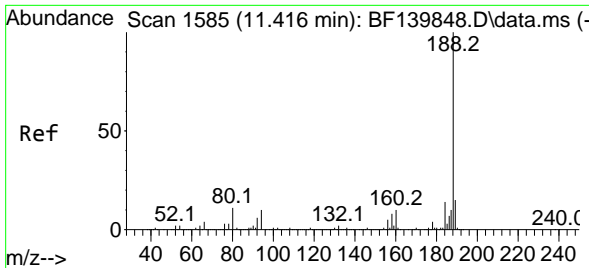


#45  
 2-Fluorobiphenyl  
 Concen: 37.450 ng  
 RT: 9.239 min Scan# 1215  
 Delta R.T. -0.012 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Tgt Ion: 172 Resp: 758874

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.1	28.7

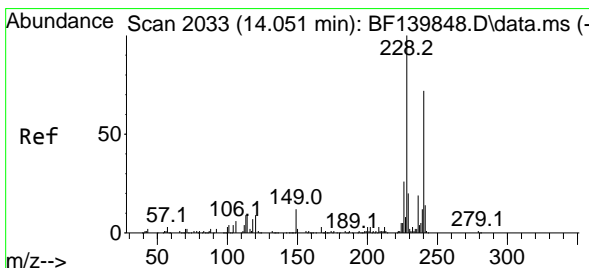
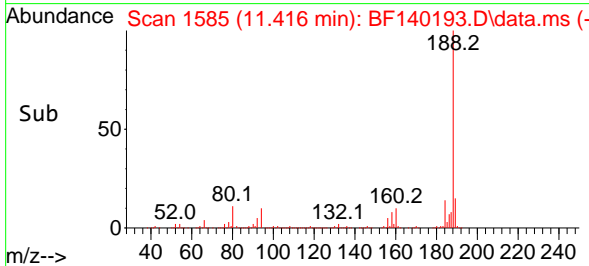
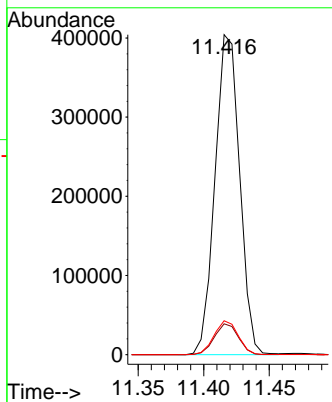
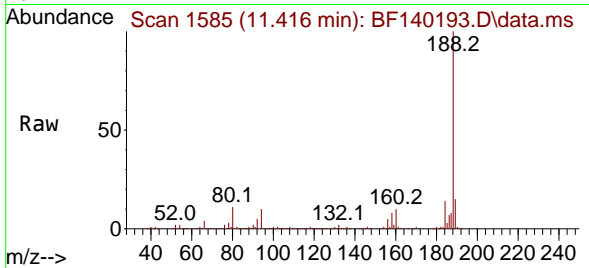




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.416 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

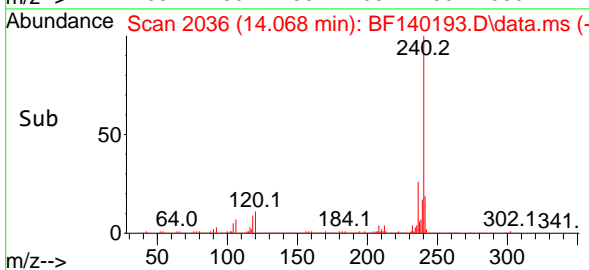
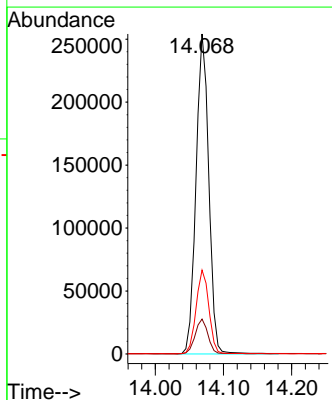
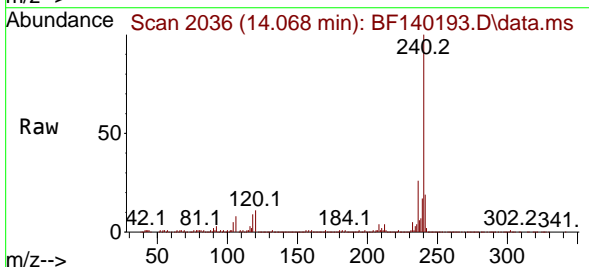
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WB-305-SW

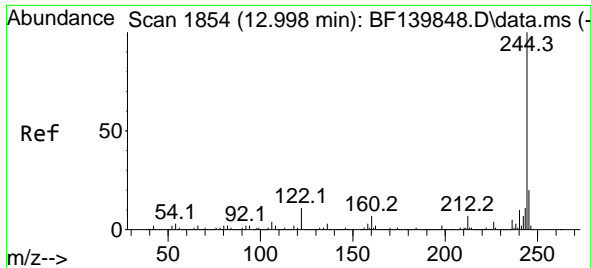
Tgt Ion:188 Resp: 527934  
 Ion Ratio Lower Upper  
 188 100  
 94 9.6 7.9 11.9  
 80 10.6 9.0 13.4



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.068 min Scan# 2036  
 Delta R.T. 0.018 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Tgt Ion:240 Resp: 330677  
 Ion Ratio Lower Upper  
 240 100  
 120 10.9 9.4 14.2  
 236 26.2 20.9 31.3





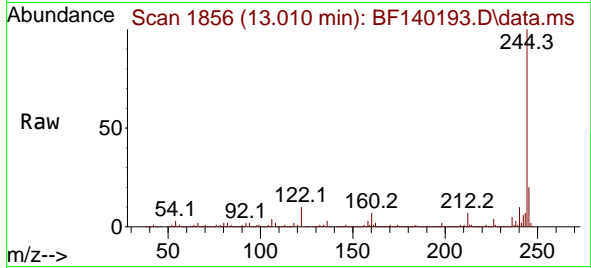
#79  
 Terphenyl-d14  
 Concen: 46.882 ng  
 RT: 13.010 min Scan# 11  
 Delta R.T. 0.012 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Instrument :

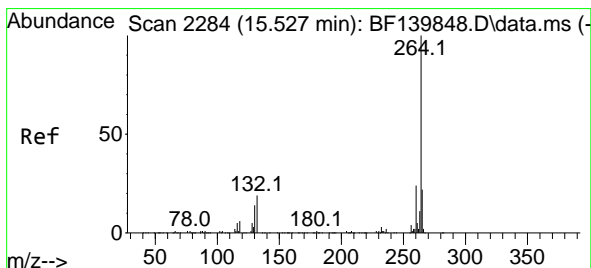
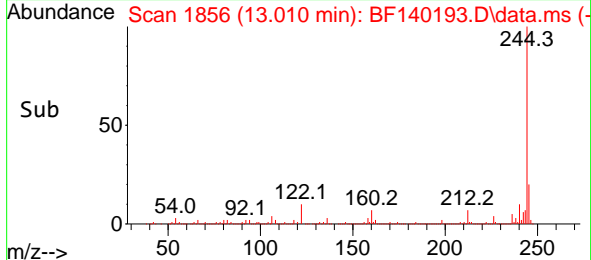
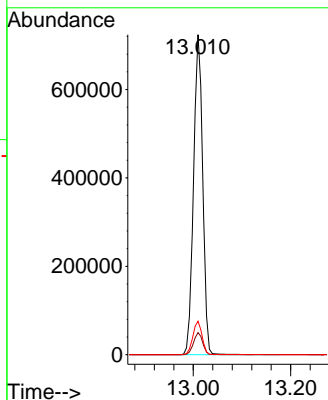
BNA\_F

ClientSampleId :

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Tgt Ion:244 Resp: 951394  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 10.4 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.574 min Scan# 2292  
 Delta R.T. 0.047 min  
 Lab File: BF140193.D  
 Acq: 31 Oct 2024 17:01

Tgt Ion:264 Resp: 264306  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.4 29.2  
 265 21.1 17.4 26.0

