

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032024\  
 Data File : BF137655.D  
 Acq On : 20 Mar 2024 15:12  
 Operator : CG\JU  
 Sample : P1786-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE-COMPOSITE

Quant Time: Mar 20 15:28:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 14:45:20 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	113339	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	442859	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	243439	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	417430	20.000	ng	0.00
76) Chrysene-d12	13.874	240	239514	20.000	ng	0.00
86) Perylene-d12	15.298	264	233210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1009313	134.874	ng	0.00
7) Phenol-d6	6.363	99	1250776	115.790	ng	0.00
23) Nitrobenzene-d5	7.292	82	880591	92.390	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	327188	153.048	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1475988	94.909	ng	0.00
79) Terphenyl-d14	12.827	244	1598362	91.766	ng	0.00

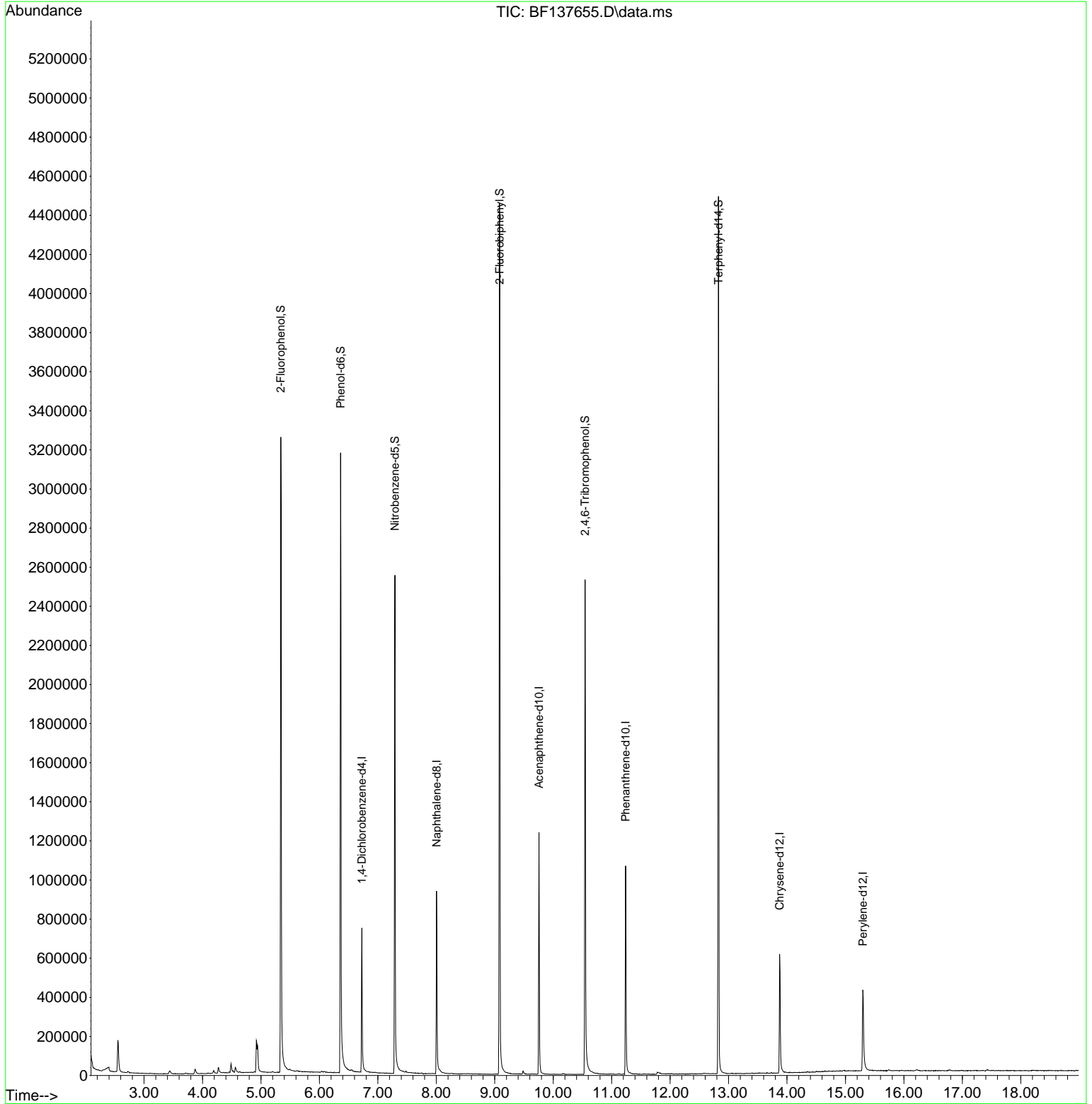
Target Compounds Qvalue

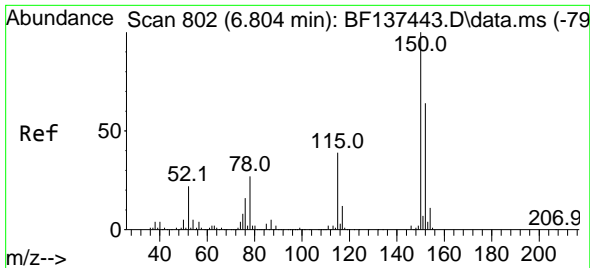
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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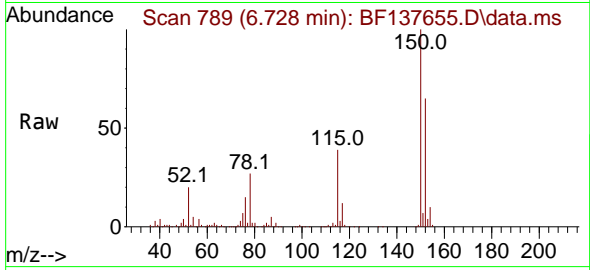
Quant Time: Mar 20 15:28:47 2024  
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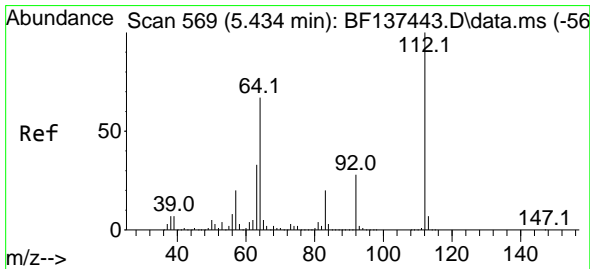
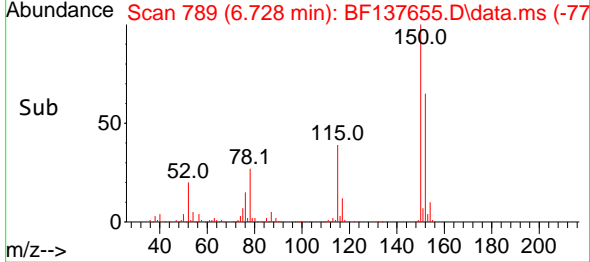
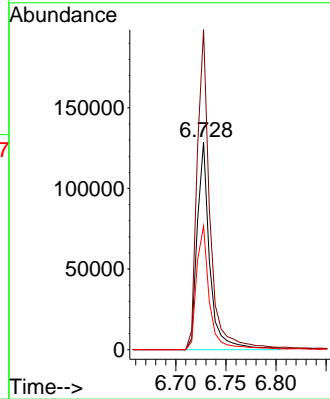


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.728 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE-COMPOSITE

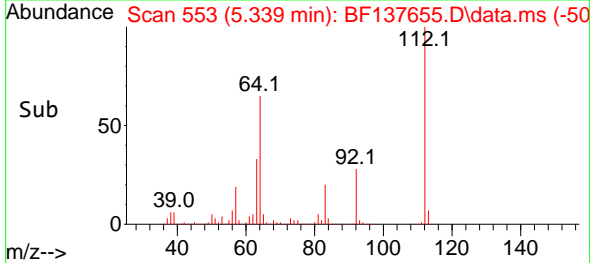
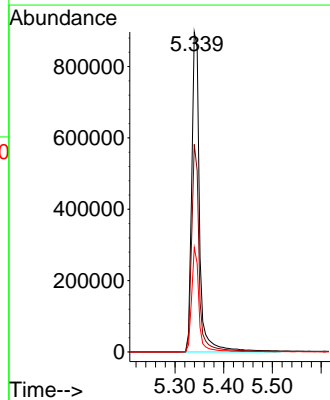
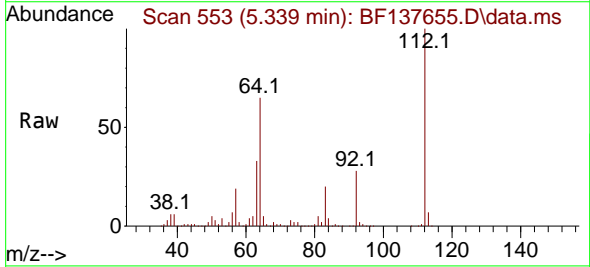


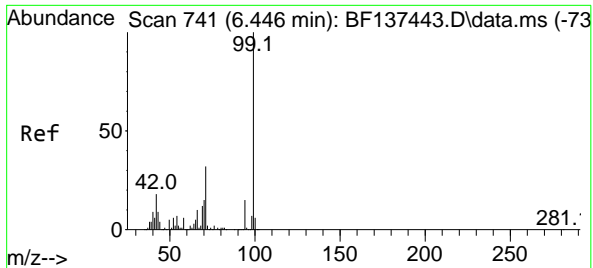
Tgt Ion:152 Resp: 113339  
 Ion Ratio Lower Upper  
 152 100  
 150 154.1 125.8 188.6  
 115 59.6 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 134.874 ng  
 RT: 5.339 min Scan# 553  
 Delta R.T. 0.006 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Tgt Ion:112 Resp: 1009313  
 Ion Ratio Lower Upper  
 112 100  
 64 64.8 53.4 80.2  
 63 32.7 26.2 39.2



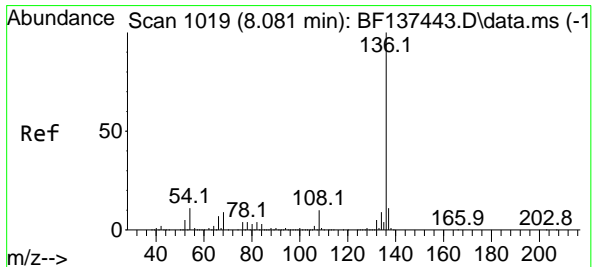
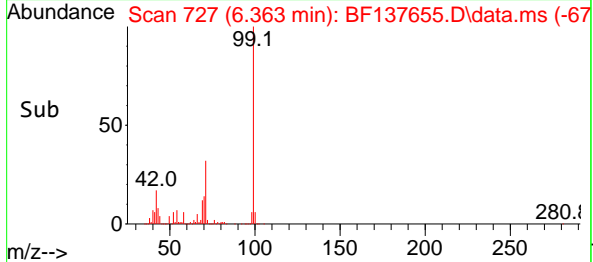
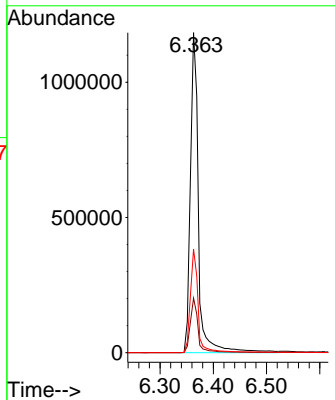
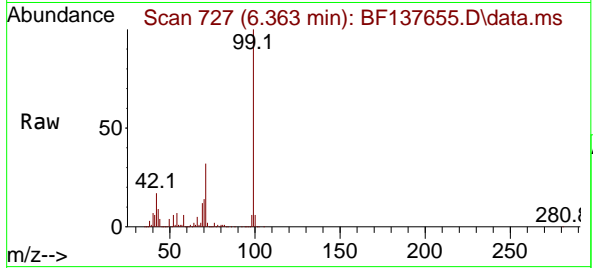


#7  
 Phenol-d6  
 Concen: 115.790 ng  
 RT: 6.363 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE-COMPOSITE

Tgt Ion: 99 Resp: 1250776

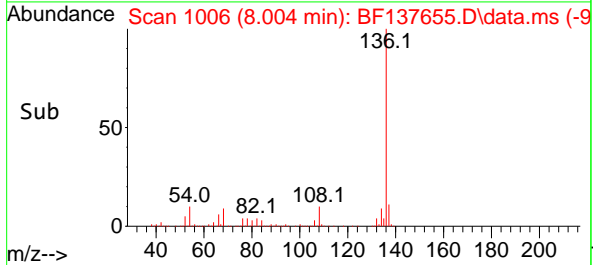
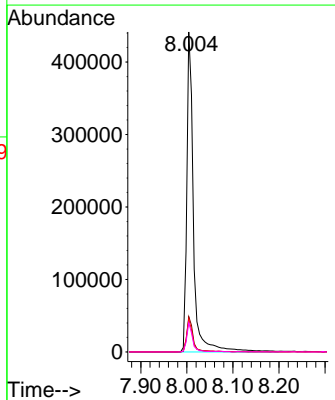
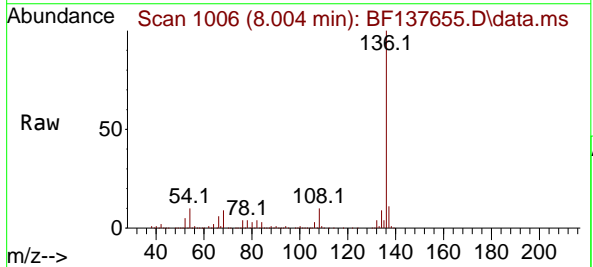
Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.6	21.8
71	32.3	25.3	37.9

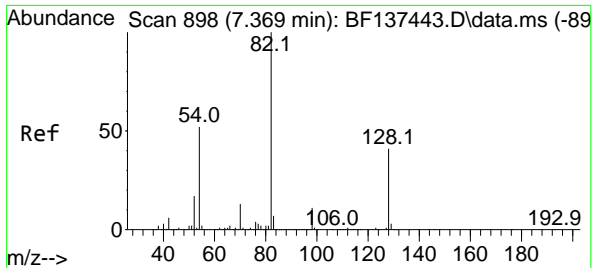


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.004 min Scan# 1006  
 Delta R.T. -0.006 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Tgt Ion: 136 Resp: 442859

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.3	8.5	12.7
68	9.1	7.4	11.2



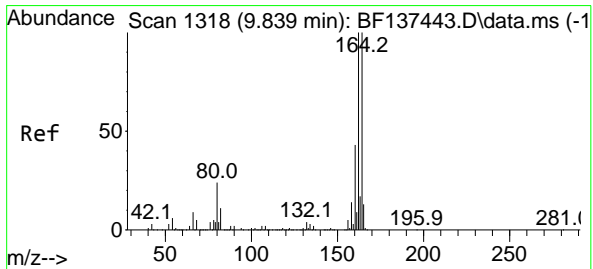
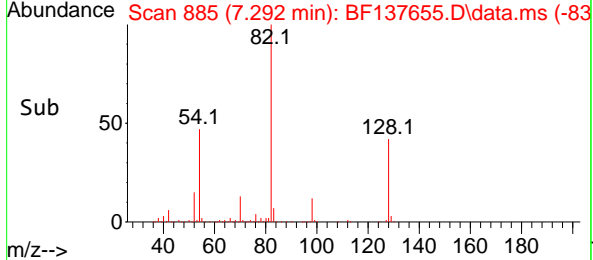
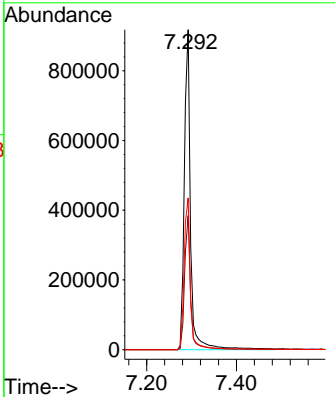
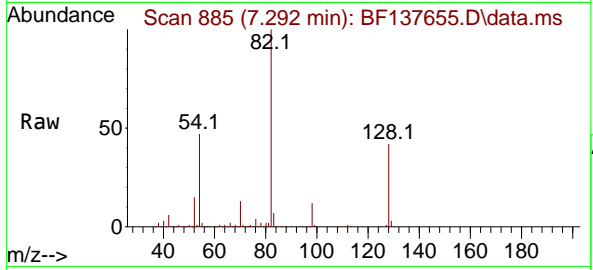


#23  
 Nitrobenzene-d5  
 Concen: 92.390 ng  
 RT: 7.292 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Instrument : BNA\_F  
 ClientSampleId : WASTE-COMPOSITE

Tgt Ion: 82 Resp: 880591

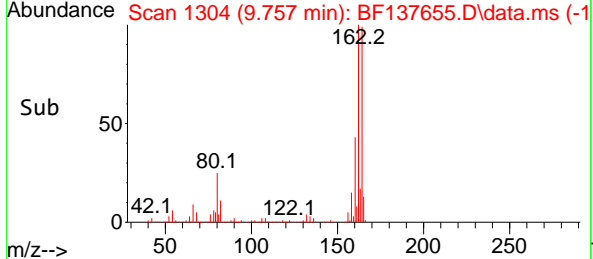
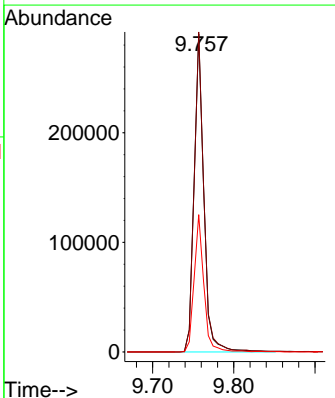
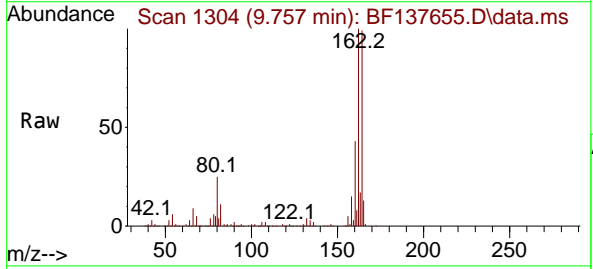
Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.5	48.7
54	47.5	41.5	62.3

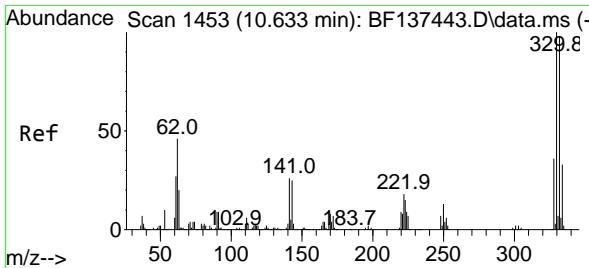


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.757 min Scan# 1304  
 Delta R.T. -0.006 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Tgt Ion: 164 Resp: 243439

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.8	119.8
160	43.2	34.4	51.6

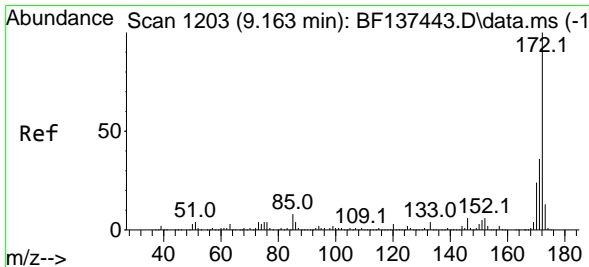
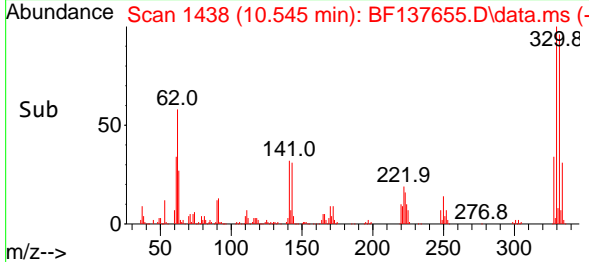
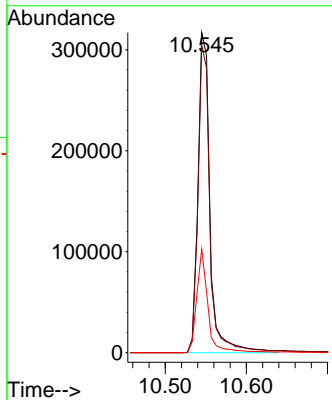
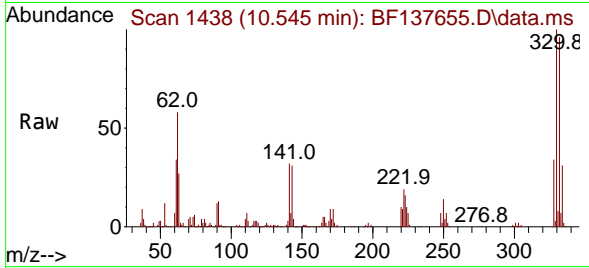




#42  
 2,4,6-Tribromophenol  
 Concen: 153.048 ng  
 RT: 10.545 min Scan# 14  
 Delta R.T. -0.006 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

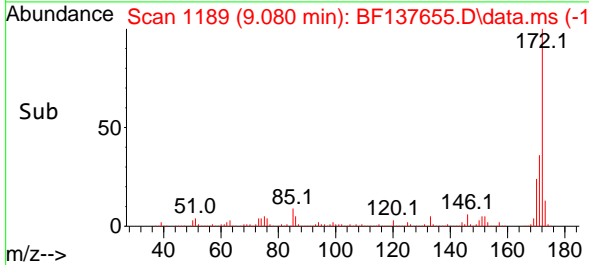
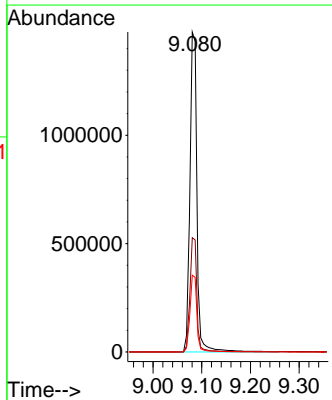
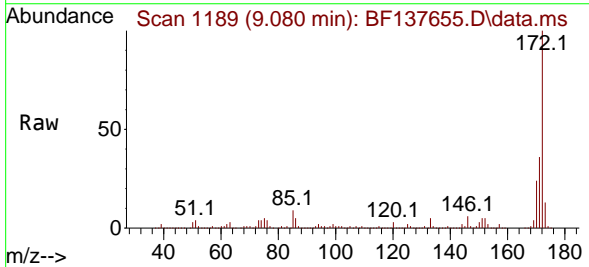
Instrument : BNA\_F  
 ClientSampleId : WASTE-COMPOSITE

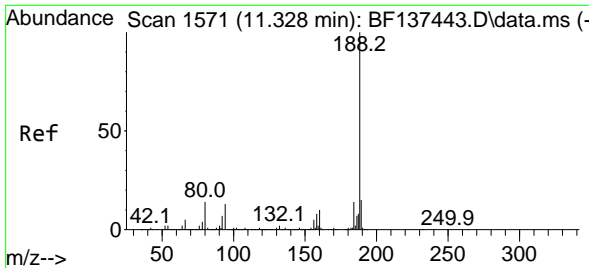
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.1	78.0	117.0
141	30.3	27.3	40.9



#45  
 2-Fluorobiphenyl  
 Concen: 94.909 ng  
 RT: 9.080 min Scan# 1189  
 Delta R.T. -0.006 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.0	19.0	28.6



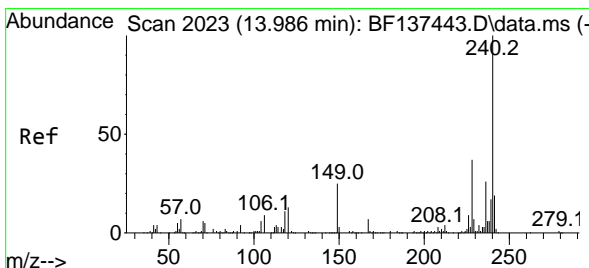
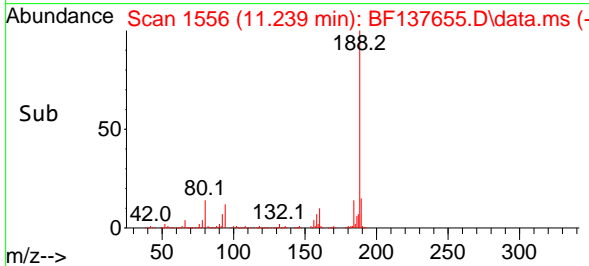
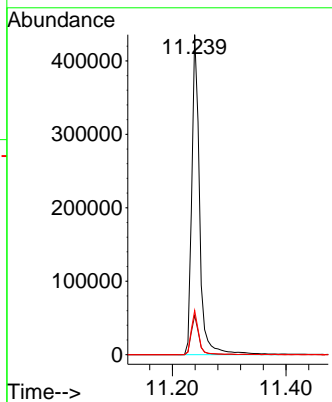
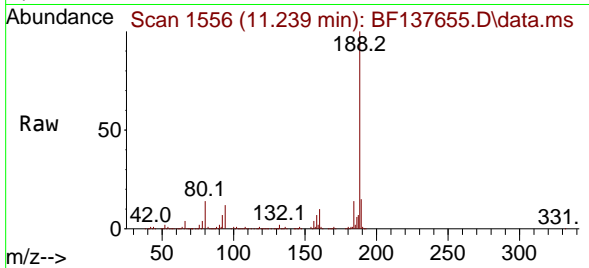


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.239 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE-COMPOSITE

Tgt Ion:188 Resp: 417430

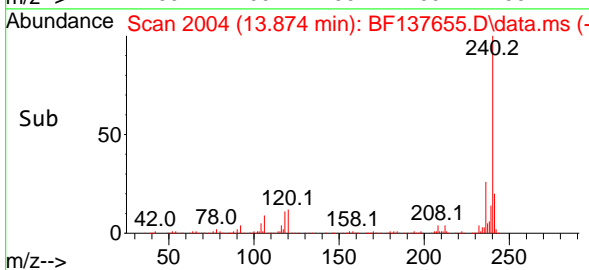
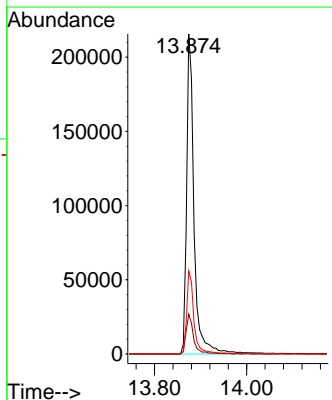
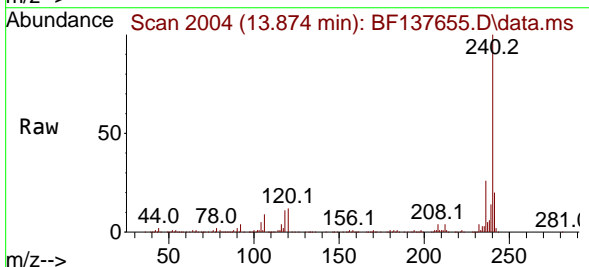
Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.6	15.8
80	13.8	11.5	17.3

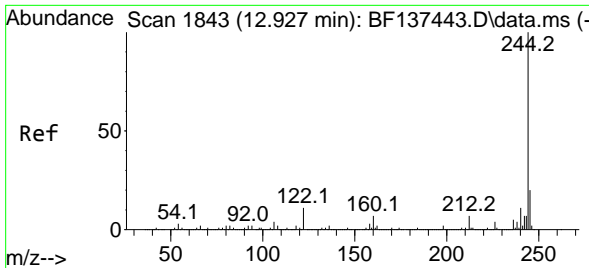


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.874 min Scan# 2004  
 Delta R.T. -0.000 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Tgt Ion:240 Resp: 239514

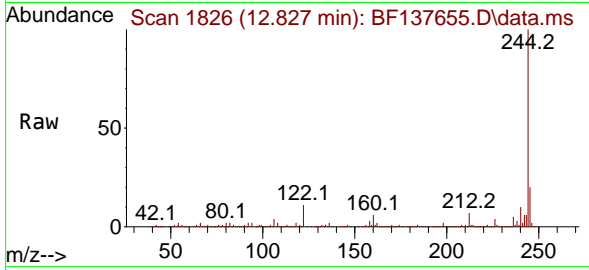
Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.4	15.6
236	26.0	20.9	31.3



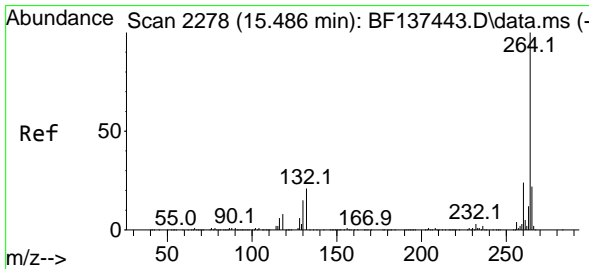
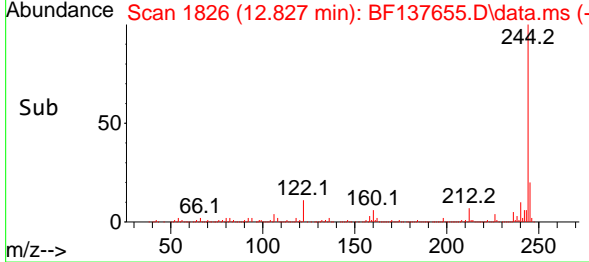
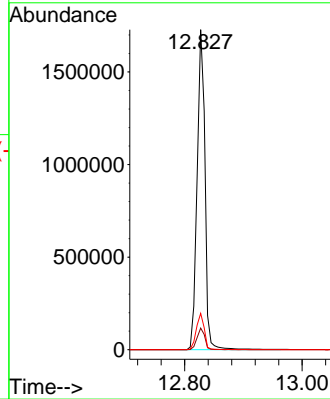


#79  
 Terphenyl-d14  
 Concen: 91.766 ng  
 RT: 12.827 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Instrument :  
 BNA\_F  
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 WASTE-COMPOSITE



Tgt Ion:244 Resp: 1598362  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.2  
 122 11.4 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.298 min Scan# 2246  
 Delta R.T. -0.000 min  
 Lab File: BF137655.D  
 Acq: 20 Mar 2024 15:12

Tgt Ion:264 Resp: 233210  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 19.3 28.9  
 265 21.9 17.4 26.0

