

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091922\  
 Data File : BP011744.D  
 Acq On : 19 Sep 2022 20:24  
 Operator : CG/JU  
 Sample : N4630-17  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

Quant Time: Sep 20 04:49:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 20 04:42:52 2022  
 Response via : Initial Calibration

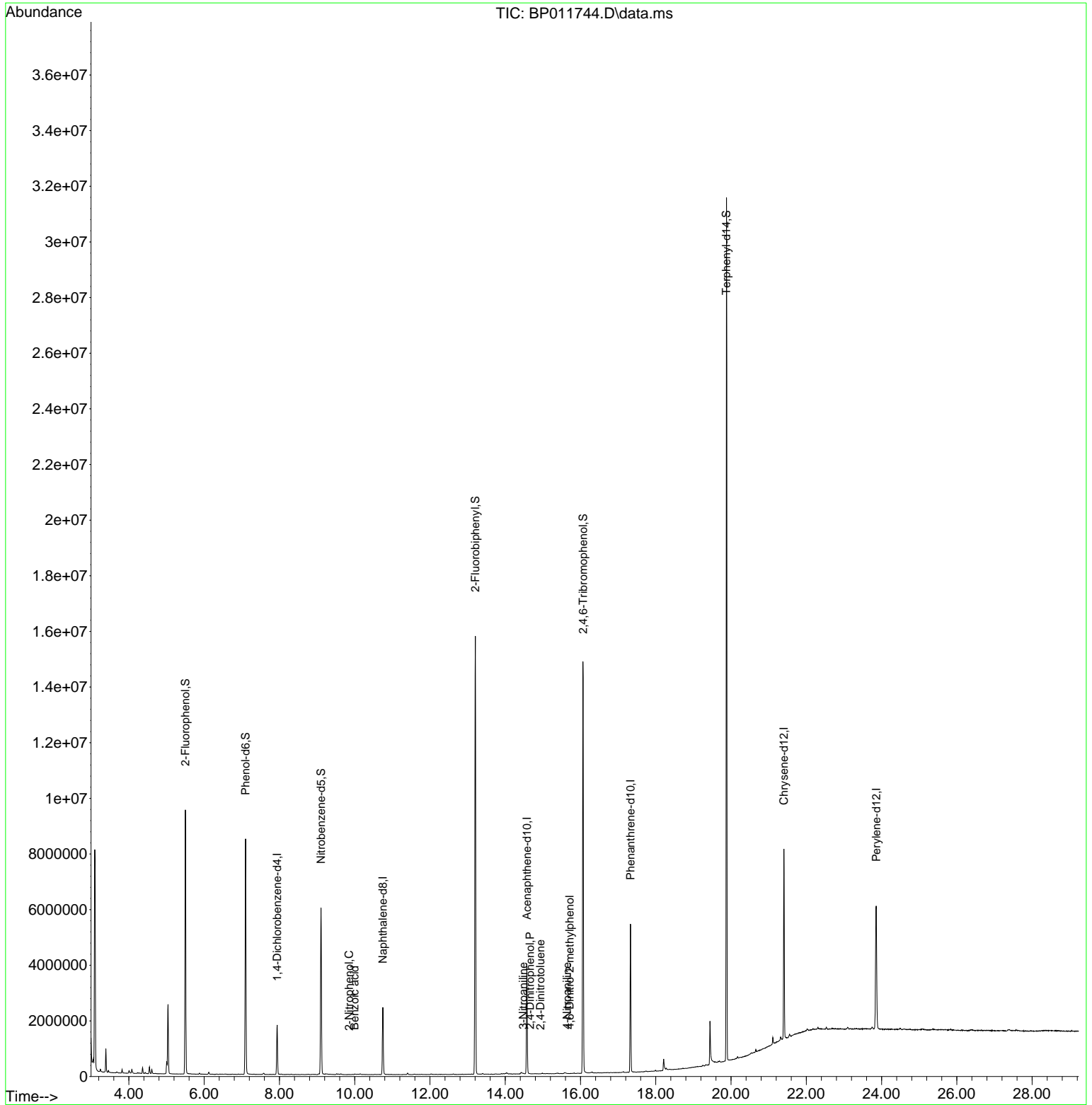
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	504469	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2103676	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1386615	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3100505	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3255931	20.000	ng	0.00
86) Perylene-d12	23.857	264	3378920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4402684	158.856	ng	0.00
7) Phenol-d6	7.099	99	5302211	143.519	ng	0.00
23) Nitrobenzene-d5	9.105	82	3465190	97.691	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	2959807	273.193	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	8550545	95.854	ng	0.00
79) Terphenyl-d14	19.875	244	13401747	89.508	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.852	139	22	3.567	ng	# 1
32) Benzoic acid	9.993	122	3725	6.781	ng	# 87
53) 3-Nitroaniline	14.481	138	325	2.398	ng	# 42
54) 2,4-Dinitrophenol	14.657	184	70	6.586	ng	# 1
57) 2,4-Dinitrotoluene	14.934	165	389	3.001	ng	# 65
62) 4-Nitroaniline	15.645	138	215	2.736	ng	# 4
65) 4,6-Dinitro-2-methylph...	15.710	198	43	5.856	ng	# 1

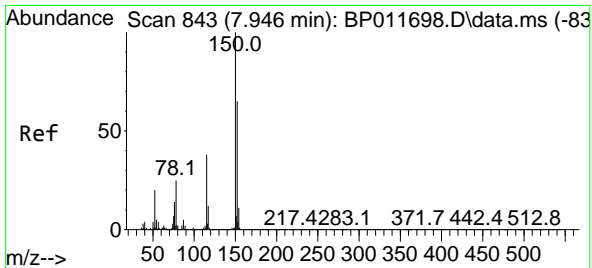
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091922\  
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 BNA\_P  
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 WC-17-4-4

Quant Time: Sep 20 04:49:01 2022  
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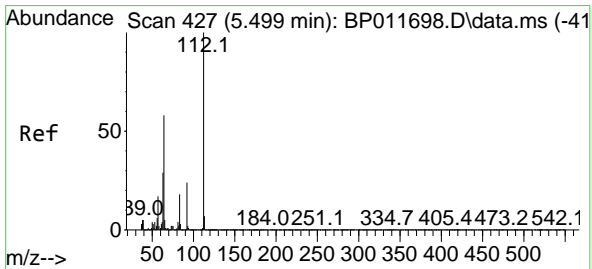
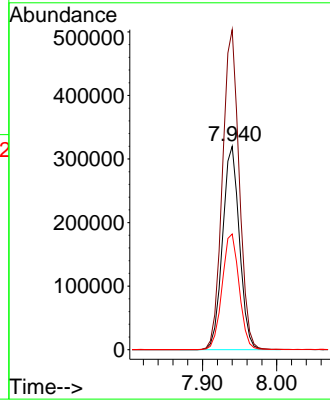
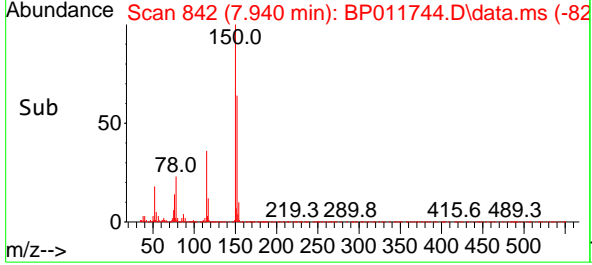
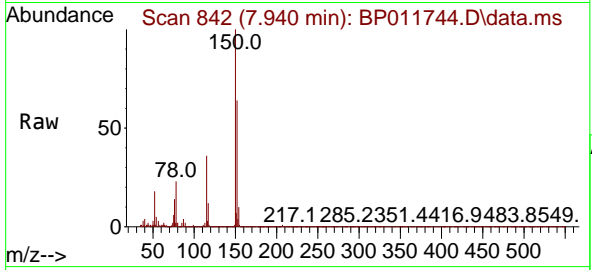




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.940 min Scan# 84  
 Delta R.T. 0.006 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

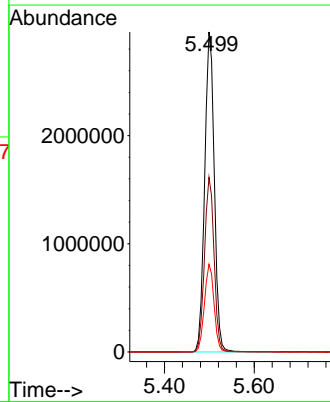
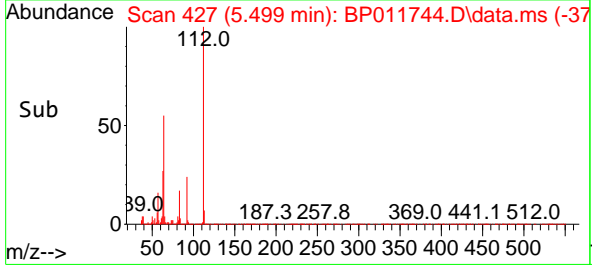
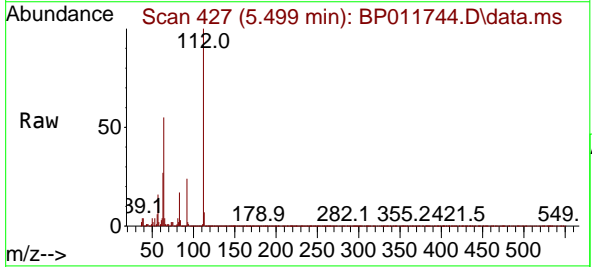
Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

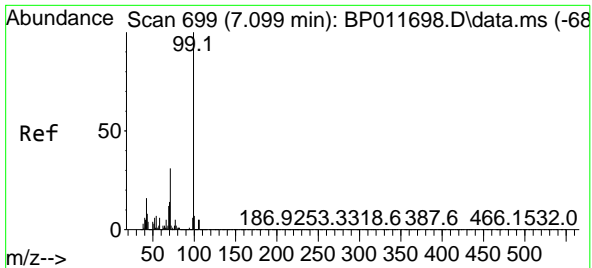
Tgt Ion:152 Resp: 504469  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 123.4 185.2  
 115 56.9 51.3 76.9



#5  
 2-Fluorophenol  
 Concen: 158.856 ng  
 RT: 5.499 min Scan# 427  
 Delta R.T. 0.006 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion:112 Resp: 4402684  
 Ion Ratio Lower Upper  
 112 100  
 64 54.6 56.9 85.3#  
 63 27.4 31.2 46.8#



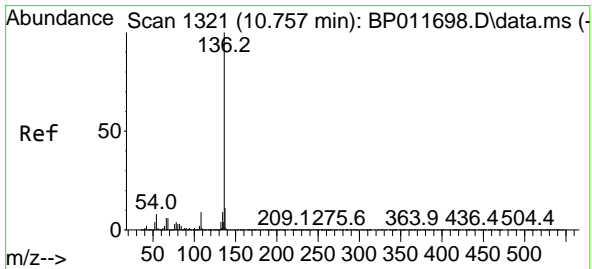
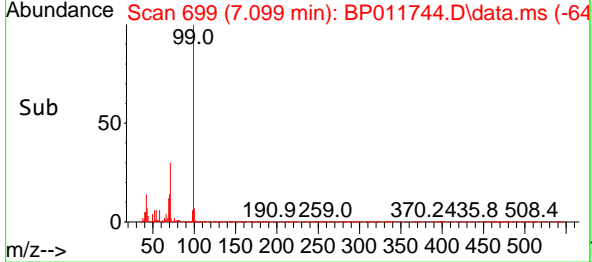
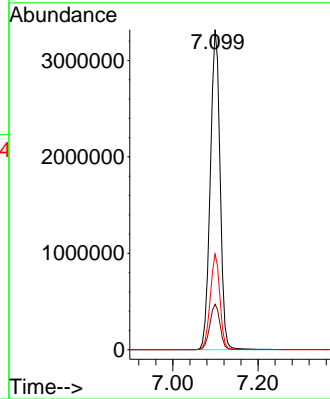
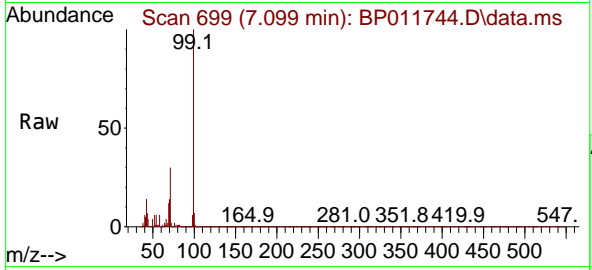


#7  
 Phenol-d6  
 Concen: 143.519 ng  
 RT: 7.099 min Scan# 699  
 Delta R.T. 0.006 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

Tgt Ion: 99 Resp: 5302211

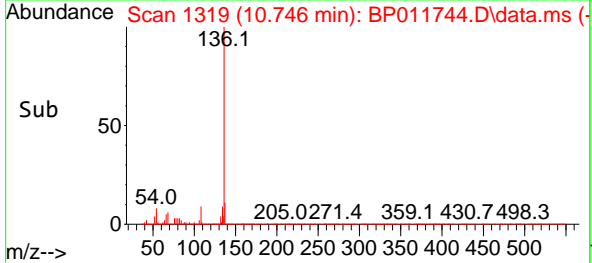
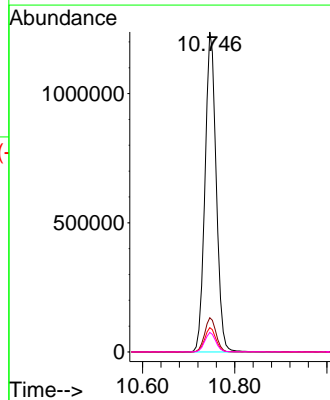
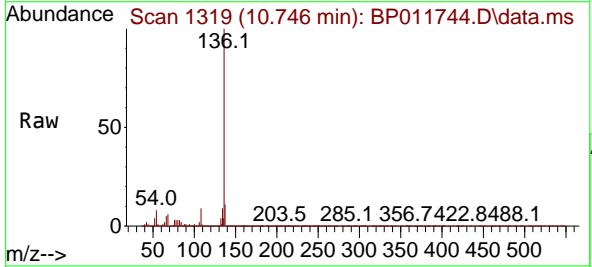
Ion	Ratio	Lower	Upper
99	100		
42	14.2	20.3	30.5#
71	29.9	33.9	50.9#

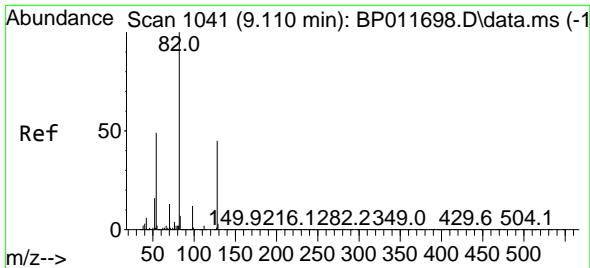


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.746 min Scan# 1319  
 Delta R.T. 0.000 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion: 136 Resp: 2103676

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.6	8.7	13.1#
68	6.1	4.8	7.2



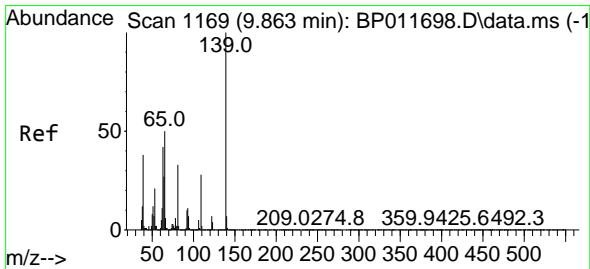
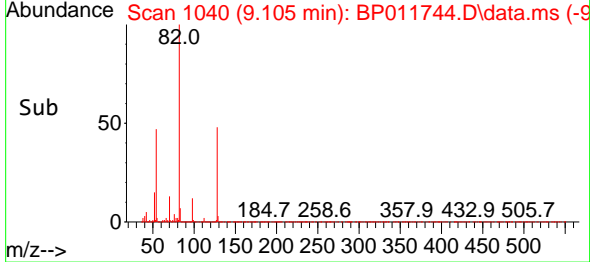
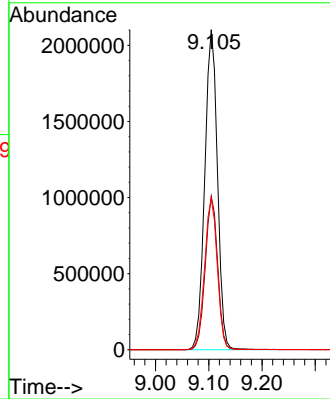
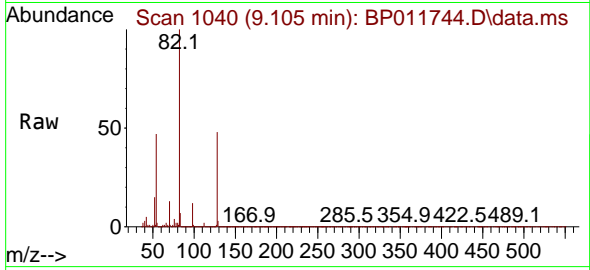


#23  
 Nitrobenzene-d5  
 Concen: 97.691 ng  
 RT: 9.105 min Scan# 1040  
 Delta R.T. 0.006 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

Tgt Ion: 82 Resp: 3465190

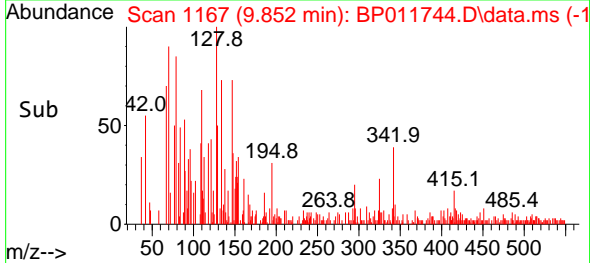
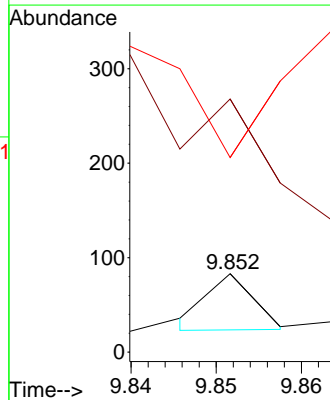
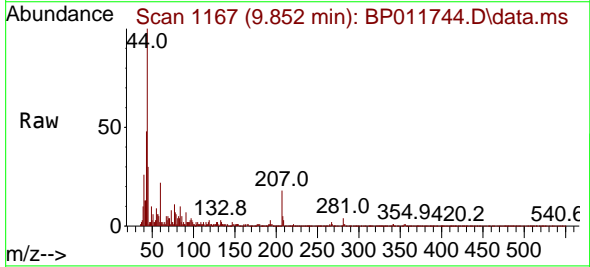
Ion	Ratio	Lower	Upper
82	100		
128	48.0	31.3	46.9#
54	47.2	49.8	74.8#

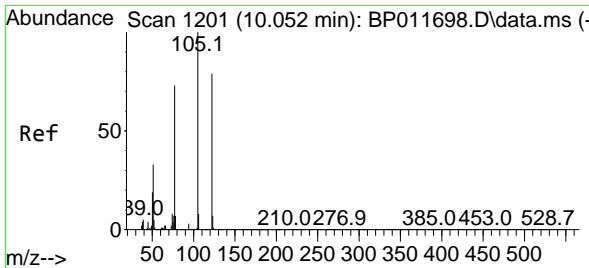


#26  
 2-Nitrophenol  
 Concen: 3.567 ng  
 RT: 9.852 min Scan# 1167  
 Delta R.T. -0.006 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion: 139 Resp: 22

Ion	Ratio	Lower	Upper
139	100		
109	322.9	30.2	45.4#
65	248.2	52.2	78.2#



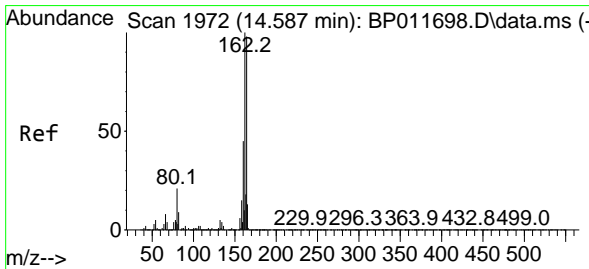
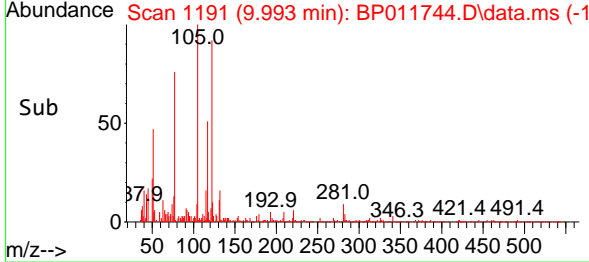
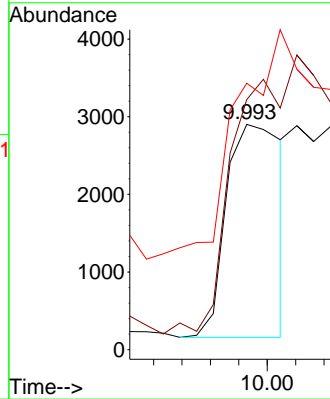
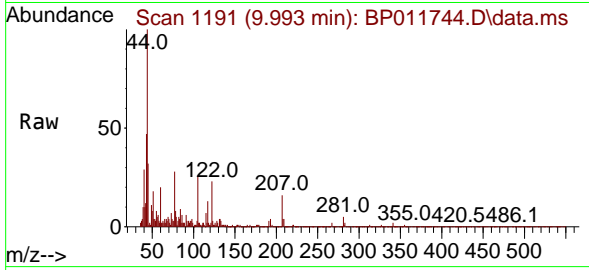


#32  
 Benzoic acid  
 Concen: 6.781 ng  
 RT: 9.993 min Scan# 111  
 Delta R.T. -0.041 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

Tgt Ion:122 Resp: 3725

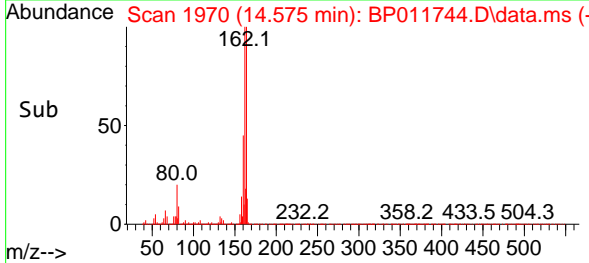
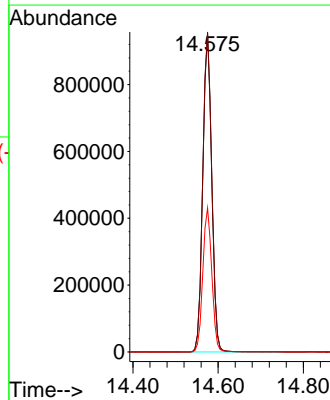
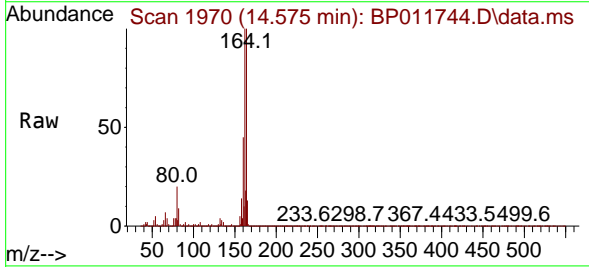
Ion	Ratio	Lower	Upper
122	100		
105	111.0	112.6	152.6#
77	118.2	90.2	130.2

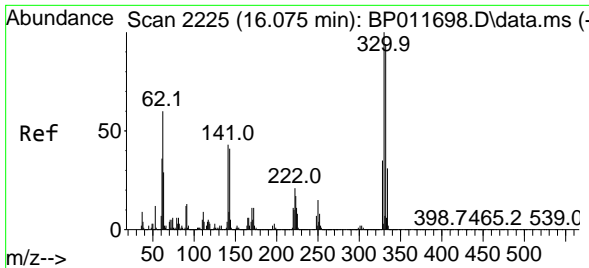


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.575 min Scan# 1970  
 Delta R.T. 0.000 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion:164 Resp: 1386615

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.9	122.9
160	45.2	34.6	51.8



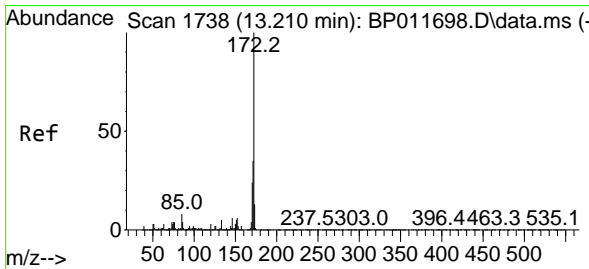
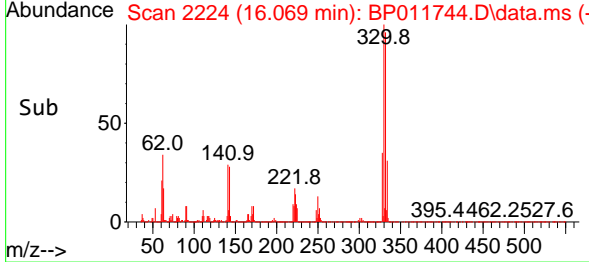
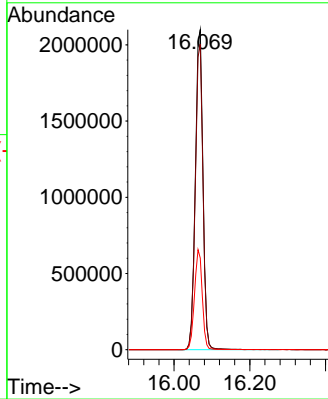
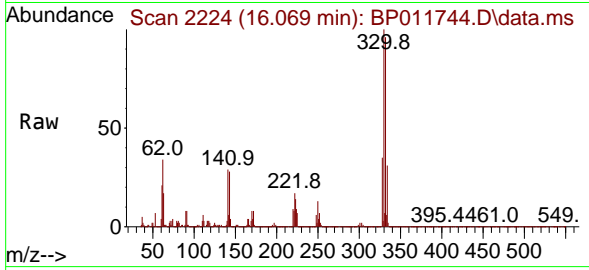


#42  
 2,4,6-Tribromophenol  
 Concen: 273.193 ng  
 RT: 16.069 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

Tgt Ion: 330 Resp: 2959807

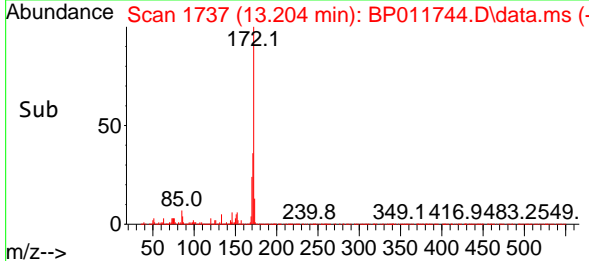
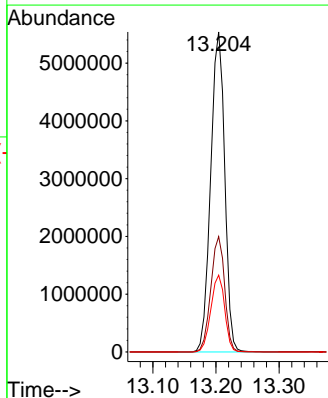
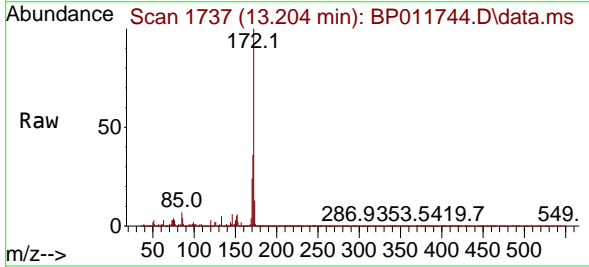
Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.1	117.1
141	31.7	31.4	47.2

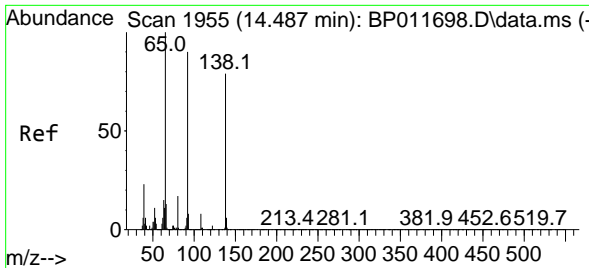


#45  
 2-Fluorobiphenyl  
 Concen: 95.854 ng  
 RT: 13.204 min Scan# 1737  
 Delta R.T. 0.006 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion: 172 Resp: 8550545

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.9	41.9
170	24.0	18.2	27.2

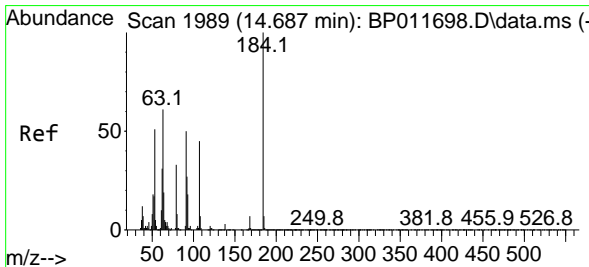
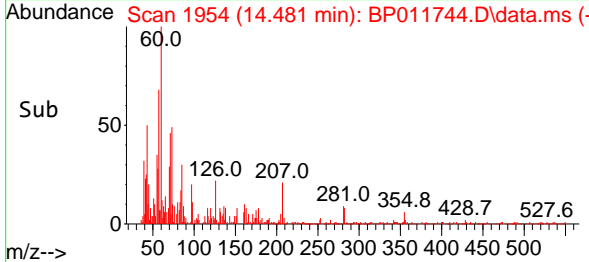
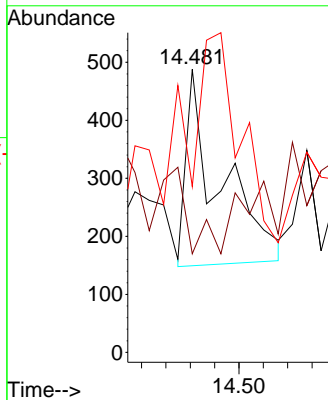
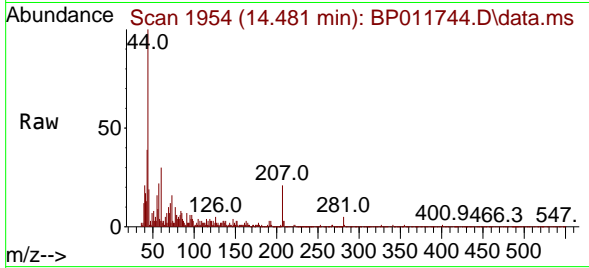




#53  
 3-Nitroaniline  
 Concen: 2.398 ng  
 RT: 14.481 min Scan# 1955  
 Delta R.T. 0.000 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

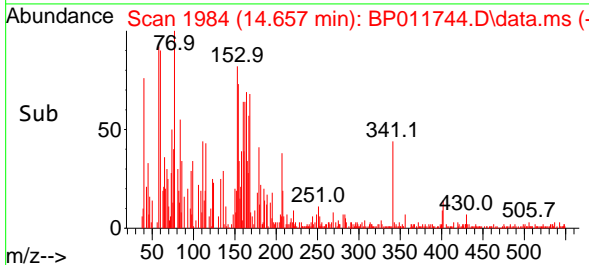
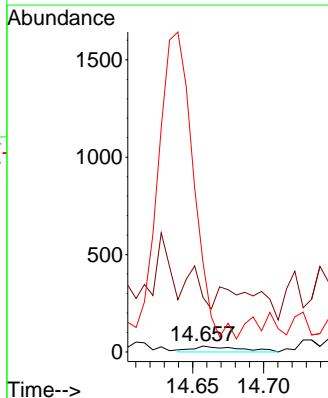
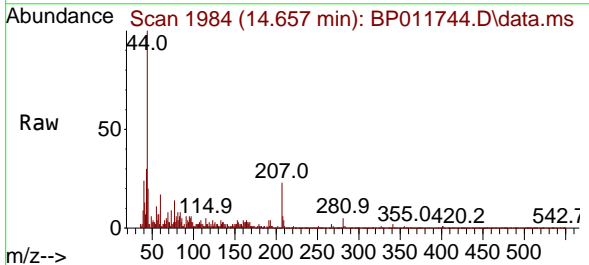
Instrument : BNA\_P  
 ClientSampleId : WC-17-4-4

Tgt Ion	Resp	Lower	Upper
138	100		
108	34.8	9.5	14.3#
92	58.6	99.9	149.9#

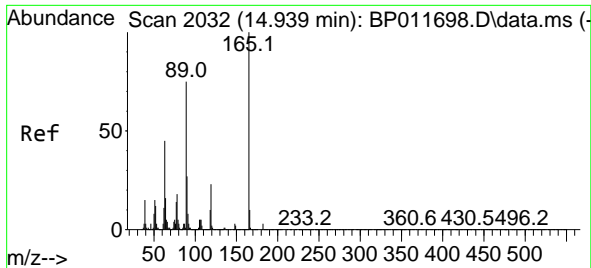


#54  
 2,4-Dinitrophenol  
 Concen: 6.586 ng  
 RT: 14.657 min Scan# 1984  
 Delta R.T. -0.023 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion	Resp	Lower	Upper
184	100		
63	903.2	65.4	98.2#
154	1483.9	55.4	83.2#



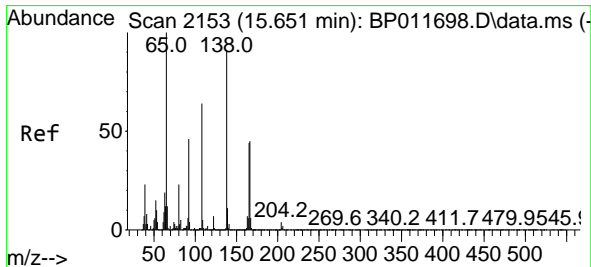
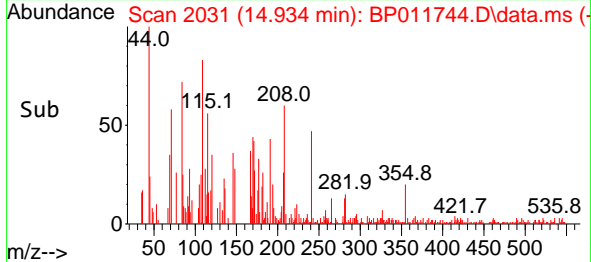
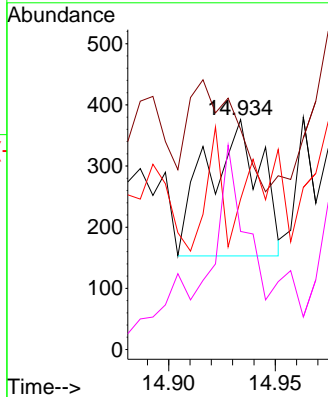
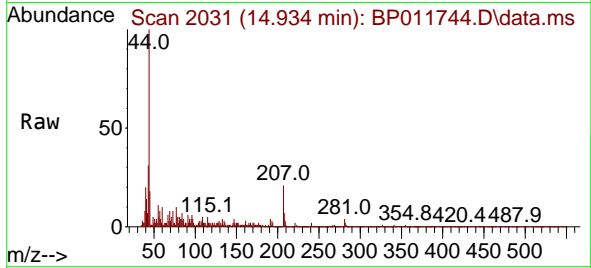




#57  
 2,4-Dinitrotoluene  
 Concen: 3.001 ng  
 RT: 14.934 min Scan# 2031  
 Delta R.T. 0.000 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

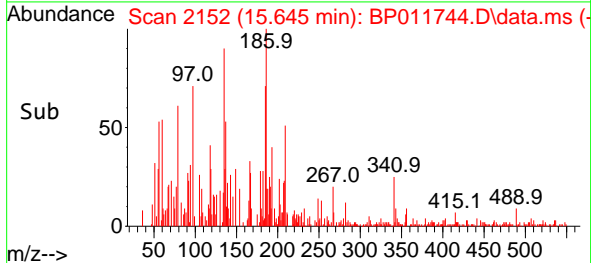
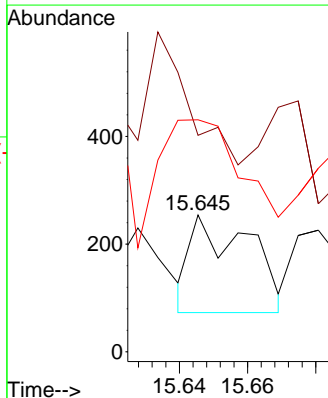
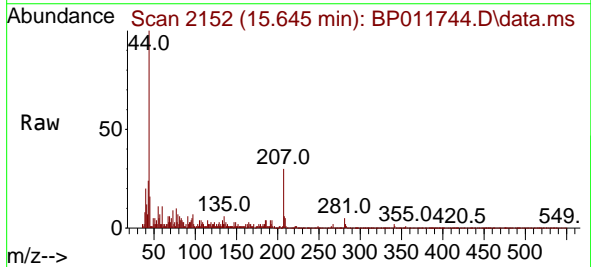
Instrument : BNA\_P  
 Client Sample Id : WC-17-4-4

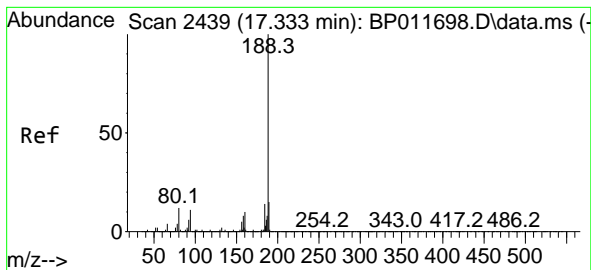
Tgt Ion	Resp	Lower	Upper
165	100		
63	95.7	46.2	69.2#
89	65.4	65.8	98.8#
182	51.3	2.3	3.5#



#62  
 4-Nitroaniline  
 Concen: 2.736 ng  
 RT: 15.645 min Scan# 2152  
 Delta R.T. 0.006 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion	Resp	Lower	Upper
138	100		
92	158.3	38.0	78.0#
108	169.7	77.6	117.6#

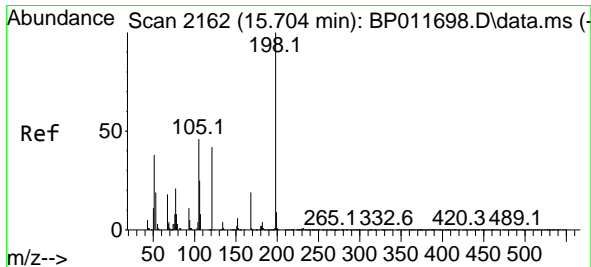
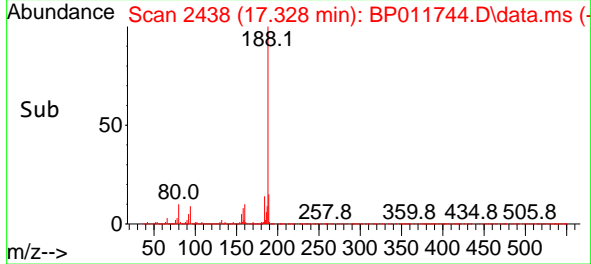
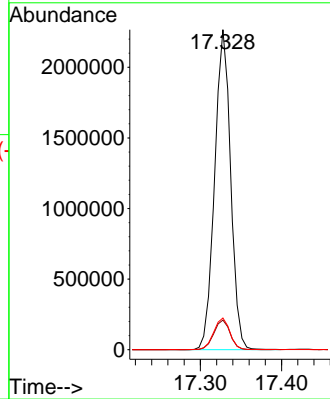
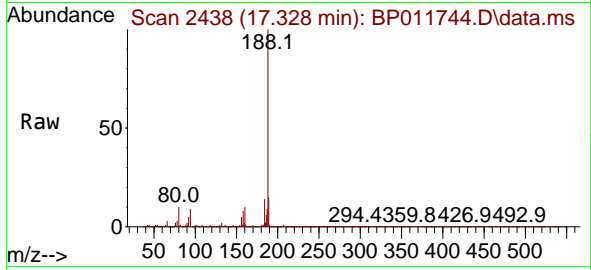




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.328 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

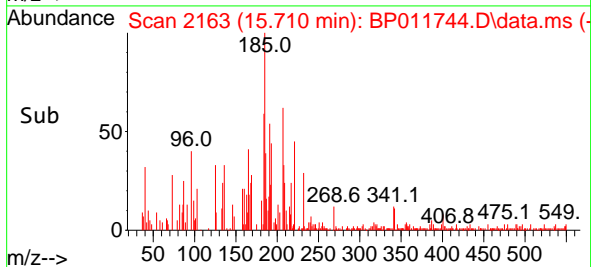
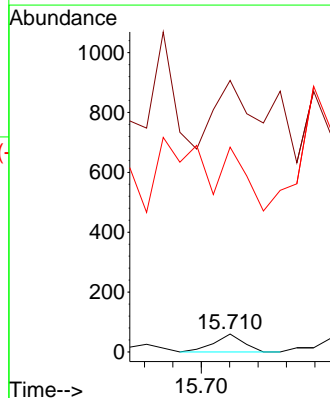
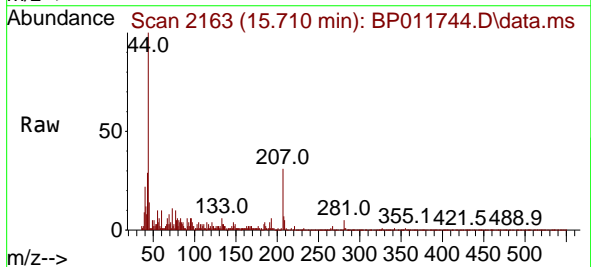
Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

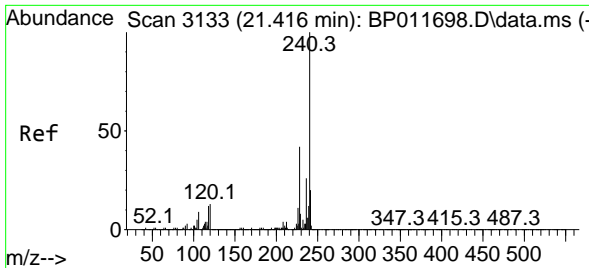
Tgt Ion:188 Resp: 3100505  
 Ion Ratio Lower Upper  
 188 100  
 94 9.3 6.6 10.0  
 80 9.9 8.0 12.0



#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 5.856 ng  
 RT: 15.710 min Scan# 2163  
 Delta R.T. 0.012 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion:198 Resp: 43  
 Ion Ratio Lower Upper  
 198 100  
 51 1511.7 41.2 81.2#  
 105 1140.0 25.3 65.3#



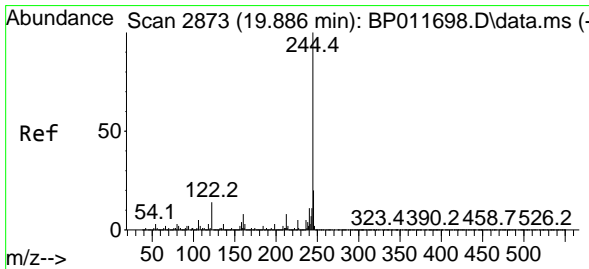
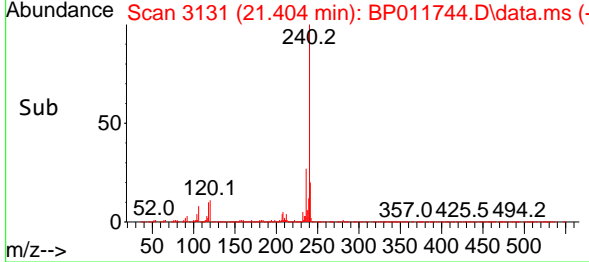
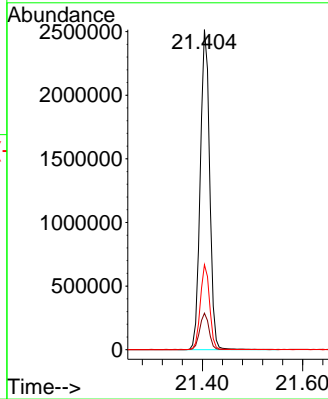
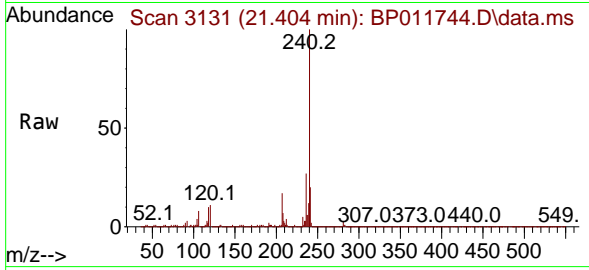


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.404 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

Tgt Ion:240 Resp: 3255931

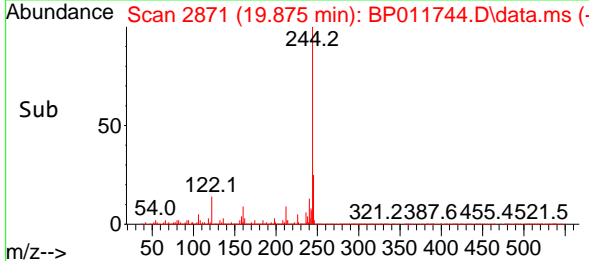
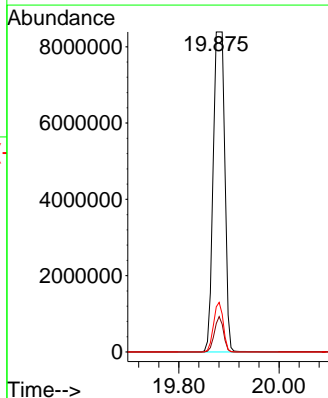
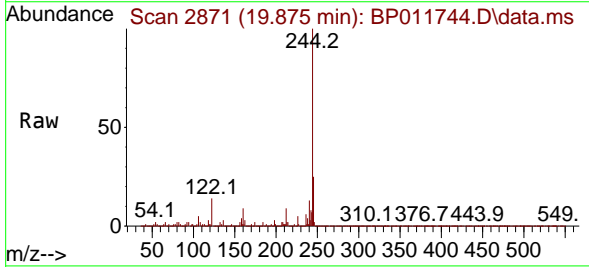
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.6	12.8
236	26.6	19.8	29.6

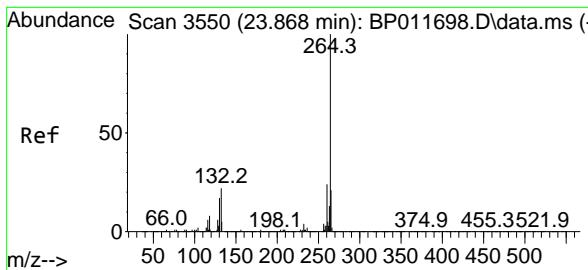


#79  
 Terphenyl-d14  
 Concen: 89.508 ng  
 RT: 19.875 min Scan# 2871  
 Delta R.T. 0.000 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Tgt Ion:244 Resp:13401747

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	14.1	7.6	11.4#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.857 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BP011744.D  
 Acq: 19 Sep 2022 20:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WC-17-4-4

Tgt Ion:264 Resp: 3378920

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.2	18.0	27.0

