

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092722\  
 Data File : BP011812.D  
 Acq On : 27 Sep 2022 12:59  
 Operator : CG/JU  
 Sample : PB147782TB  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB147782TB

Quant Time: Sep 28 02:06:57 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:03:33 2022  
 Response via : Initial Calibration

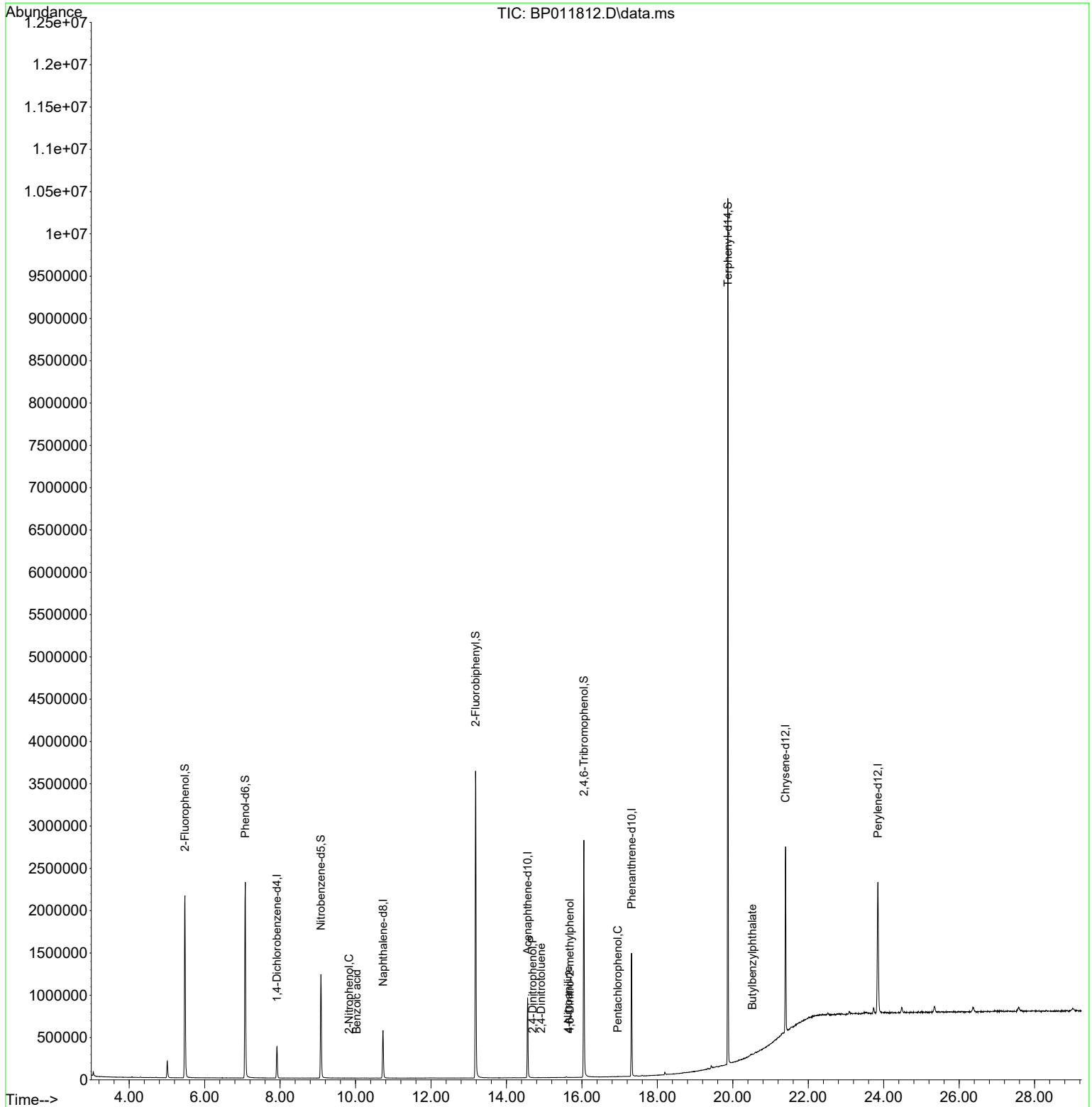
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	107873	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	495140	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	335728	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	844930	20.000	ng	0.00
76) Chrysene-d12	21.398	240	997890	20.000	ng	0.00
86) Perylene-d12	23.845	264	1054867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1062814	172.871	ng	0.00
7) Phenol-d6	7.075	99	1468394	161.531	ng	0.00
23) Nitrobenzene-d5	9.081	82	733579	77.546	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	398499	176.279	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1924661	90.658	ng	0.00
79) Terphenyl-d14	19.869	244	4235457	97.593	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.828	139	21	3.336	ng	# 1
32) Benzoic acid	10.028	122	34	6.763	ng	# 1
54) 2,4-Dinitrophenol	14.693	184	71	6.750	ng	# 43
57) 2,4-Dinitrotoluene	14.922	165	39	2.544	ng	# 1
62) 4-Nitroaniline	15.640	138	29	2.389	ng	# 72
65) 4,6-Dinitro-2-methylph...	15.681	198	13	5.623	ng	# 1
70) Pentachlorophenol	16.945	266	200	4.420	ng	# 29
80) Butylbenzylphthalate	20.516	149	146	2.687	ng	# 66

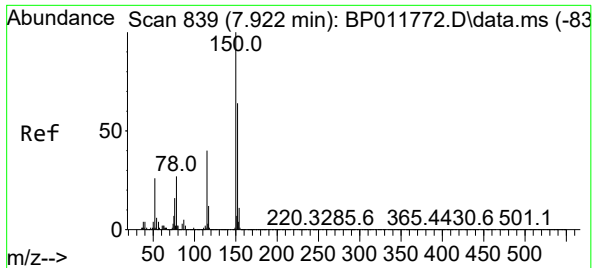
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Wed Sep 28 02:03:33 2022  
 Response via : Initial Calibration

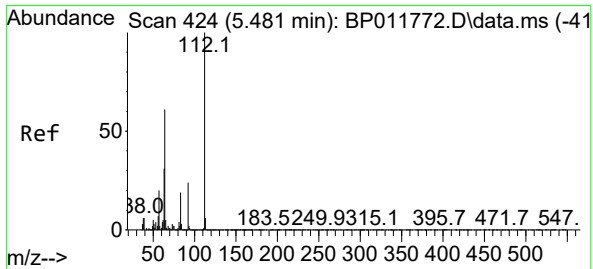
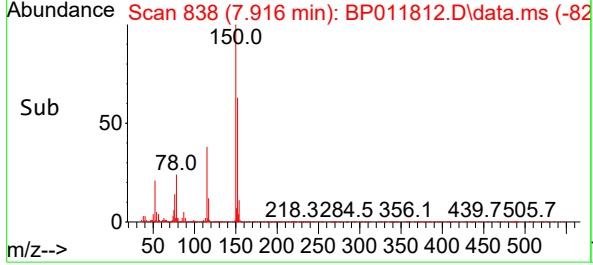
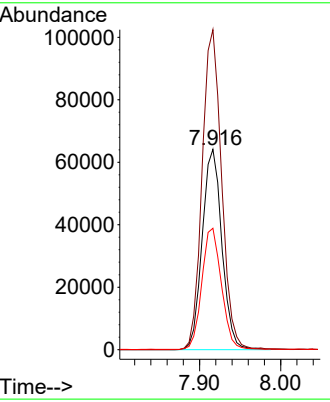
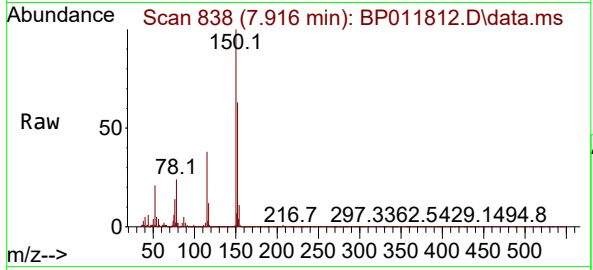




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.916 min Scan# 81  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

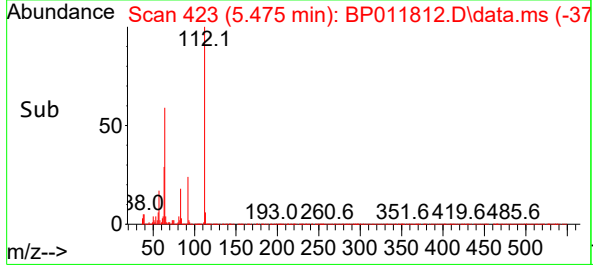
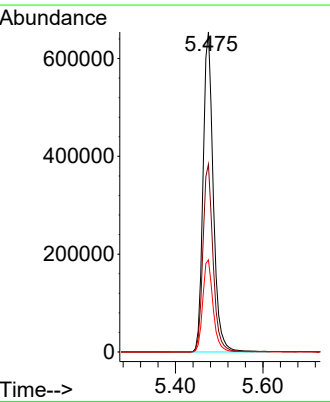
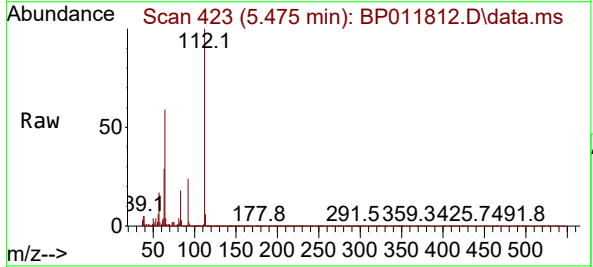
Instrument : BNA\_P  
 ClientSampleId : PB147782TB

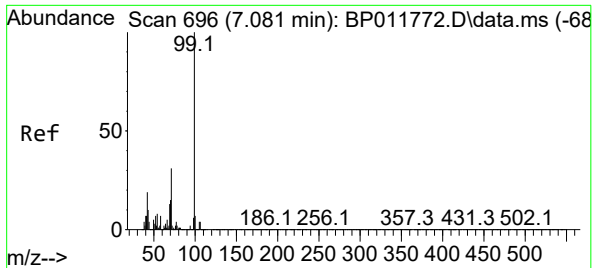
Tgt Ion:152 Resp: 107873  
 Ion Ratio Lower Upper  
 152 100  
 150 159.8 124.2 186.4  
 115 60.6 50.0 75.0



#5  
 2-Fluorophenol  
 Concen: 172.871 ng  
 RT: 5.475 min Scan# 423  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion:112 Resp: 1062814  
 Ion Ratio Lower Upper  
 112 100  
 64 58.6 49.2 73.8  
 63 28.8 25.2 37.8



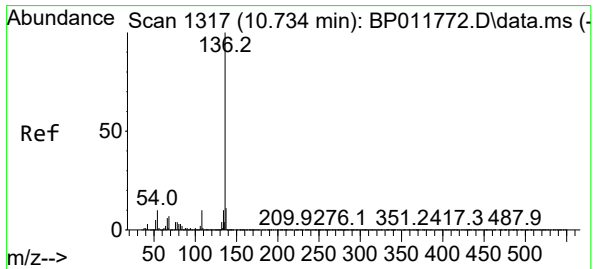
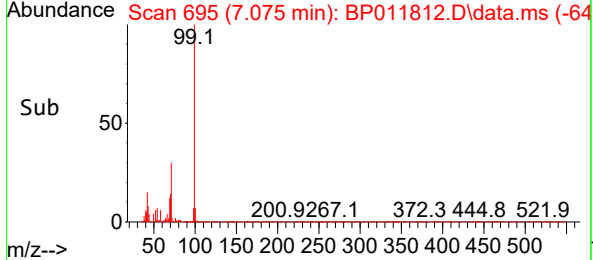
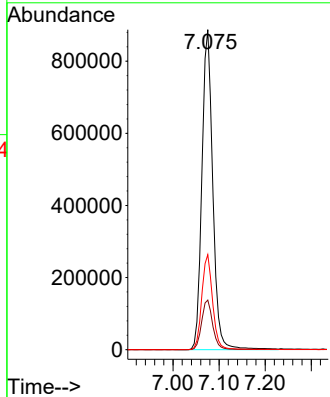
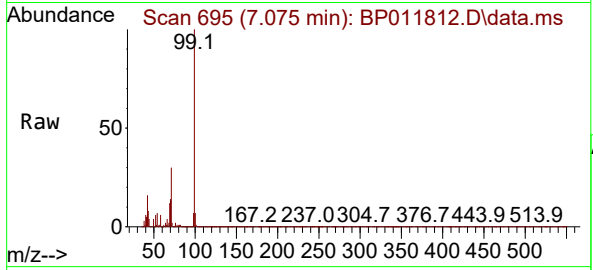


#7  
 Phenol-d6  
 Concen: 161.531 ng  
 RT: 7.075 min Scan# 696  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Instrument : BNA\_P  
 ClientSampleId : PB147782TB

Tgt Ion: 99 Resp: 1468394

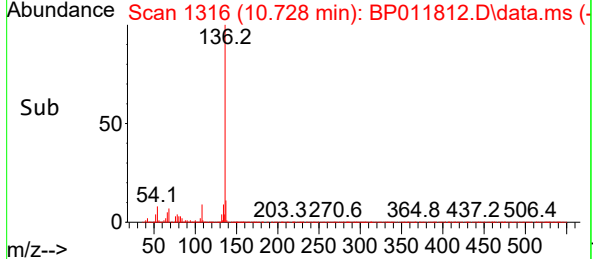
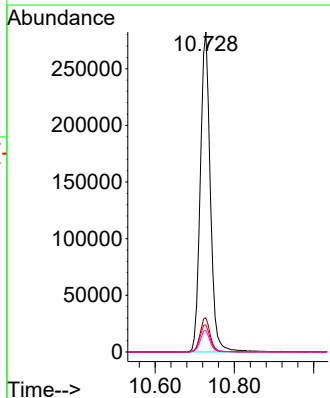
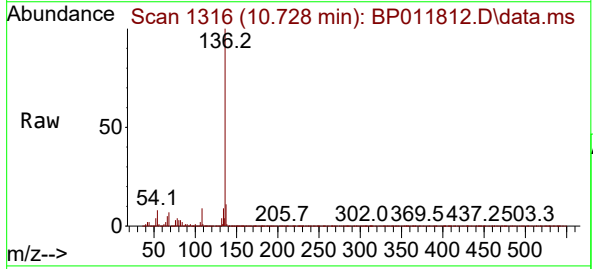
Ion	Ratio	Lower	Upper
99	100		
42	15.5	15.4	23.2
71	29.7	24.7	37.1

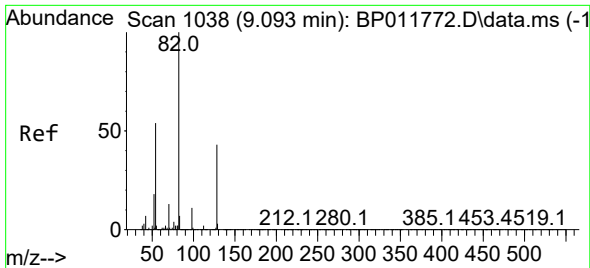


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.728 min Scan# 1316  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion: 136 Resp: 495140

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.5	8.2	12.4
68	6.8	5.8	8.8



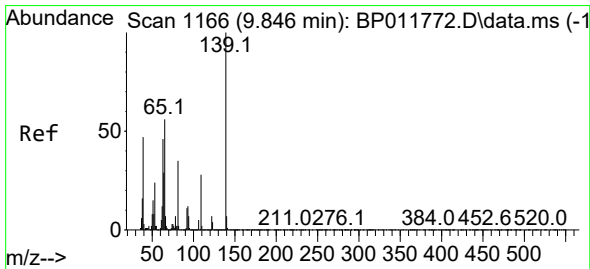
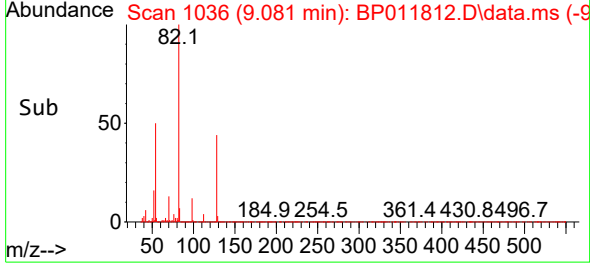
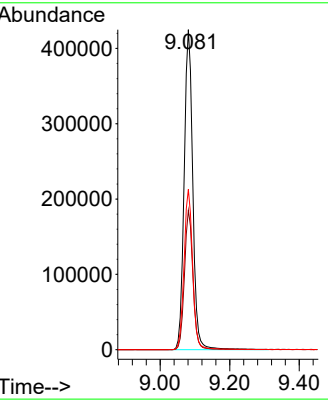
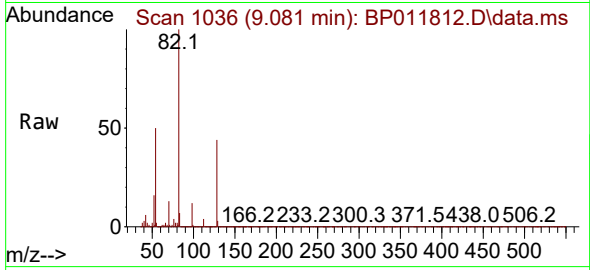


#23  
 Nitrobenzene-d5  
 Concen: 77.546 ng  
 RT: 9.081 min Scan# 1036  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB147782TB

Tgt Ion: 82 Resp: 733579

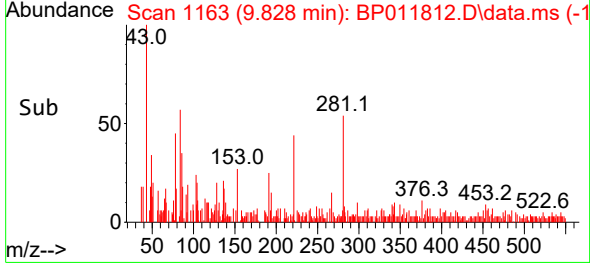
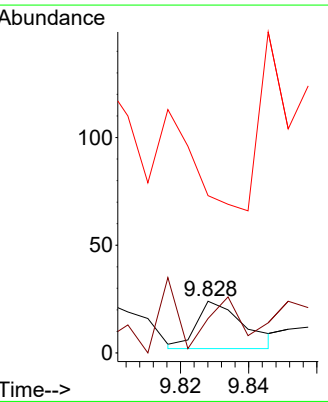
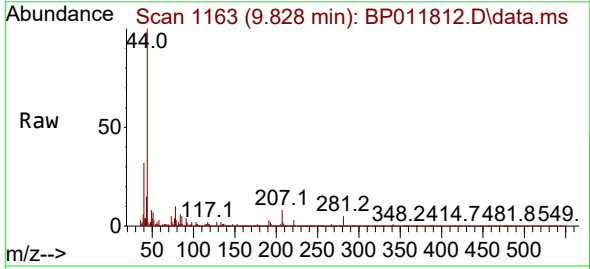
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.2	51.4
54	50.1	43.1	64.7

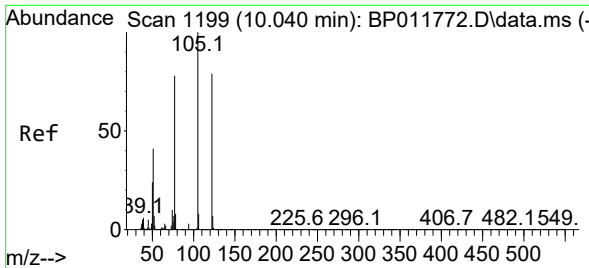


#26  
 2-Nitrophenol  
 Concen: 3.336 ng  
 RT: 9.828 min Scan# 1163  
 Delta R.T. -0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion: 139 Resp: 21

Ion	Ratio	Lower	Upper
139	100		
109	66.7	22.6	34.0#
65	304.2	44.7	67.1#

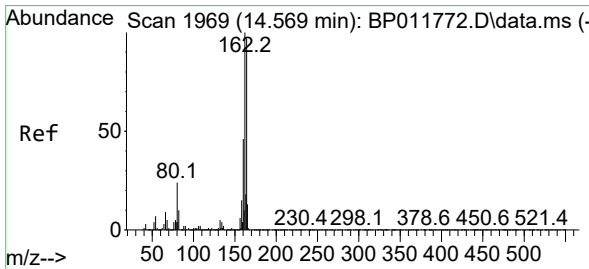
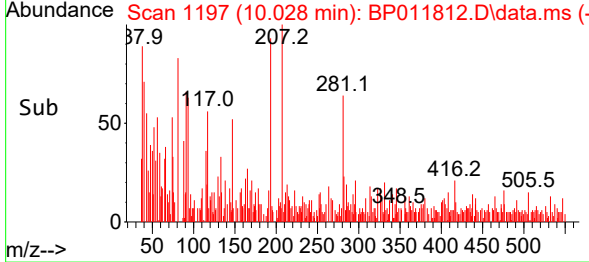
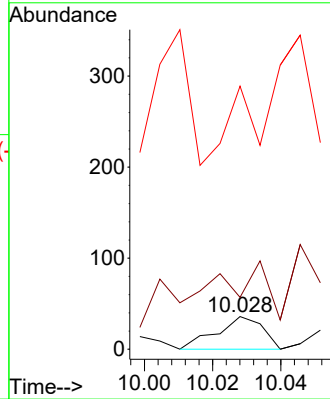
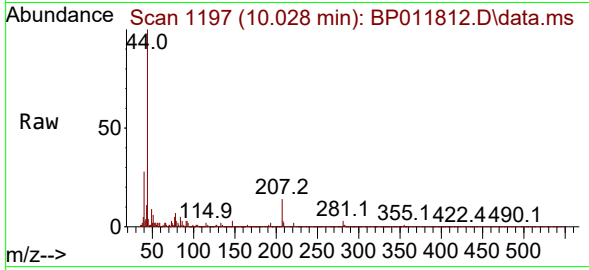




#32  
 Benzoic acid  
 Concen: 6.763 ng  
 RT: 10.028 min Scan# 1197  
 Delta R.T. 0.012 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

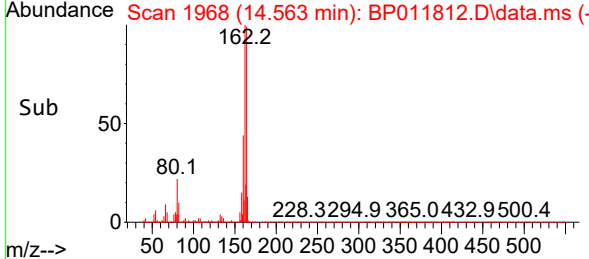
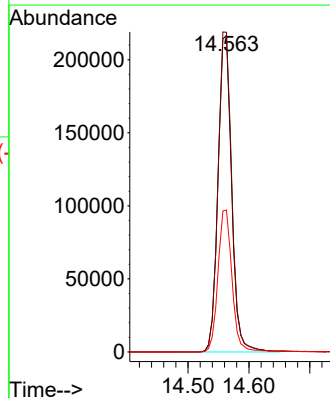
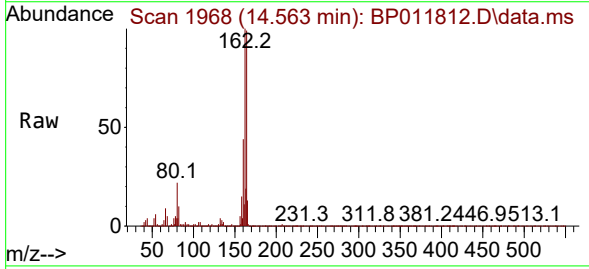
Instrument : BNA\_P  
 Client Sample Id : PB147782TB

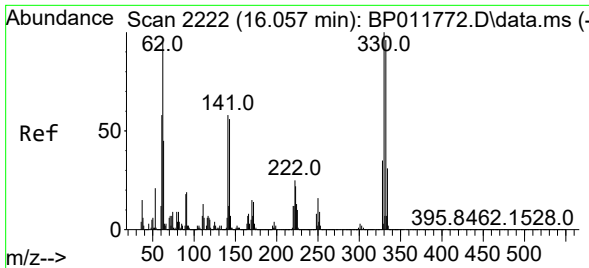
Tgt Ion	Resp	Lower	Upper
122	100		
105	158.3	101.0	141.0#
77	802.8	75.9	115.9#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.563 min Scan# 1968  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion	Resp	Lower	Upper
164	100		
162	101.0	82.5	123.7
160	44.9	37.8	56.6

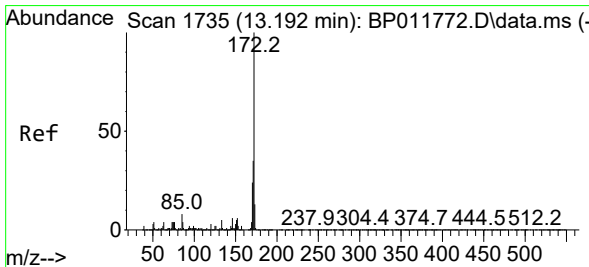
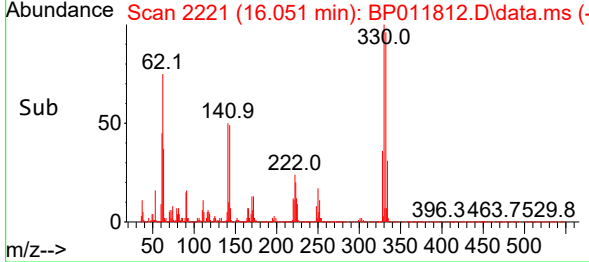
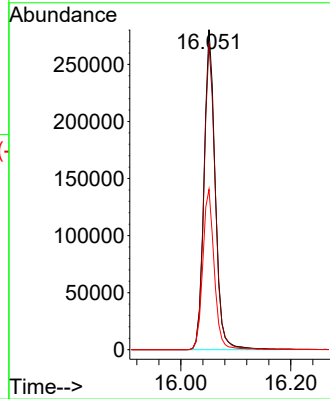
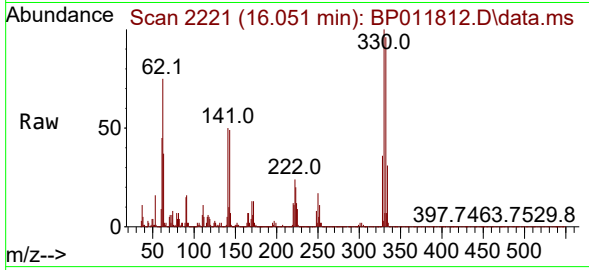




#42  
 2,4,6-Tribromophenol  
 Concen: 176.279 ng  
 RT: 16.051 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

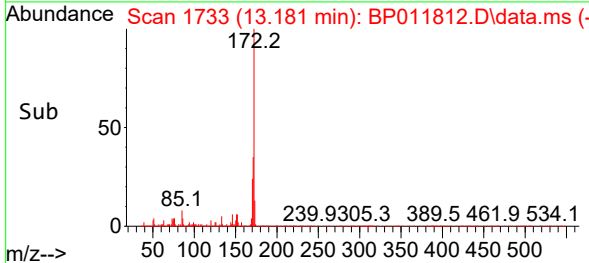
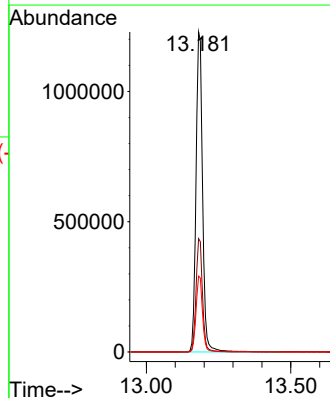
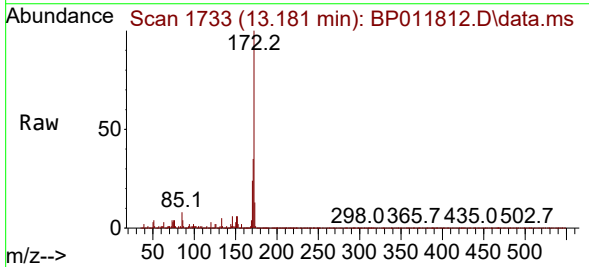
Instrument :  
 BNA\_P  
 ClientSampleId :  
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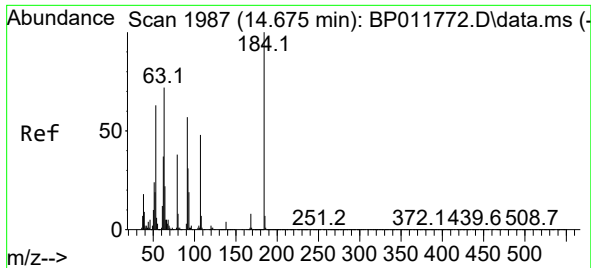
Tgt Ion:330 Resp: 398499  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 76.6 114.8  
 141 51.1 48.7 73.1



#45  
 2-Fluorobiphenyl  
 Concen: 90.658 ng  
 RT: 13.181 min Scan# 1733  
 Delta R.T. 0.000 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion:172 Resp: 1924661  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 27.9 41.9  
 170 23.7 19.5 29.3

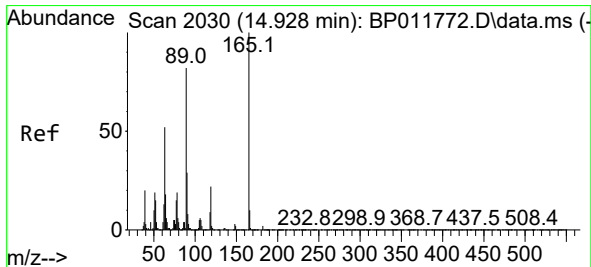
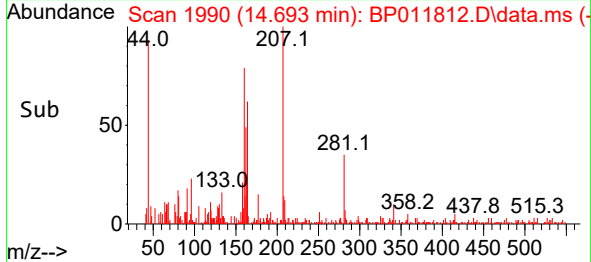
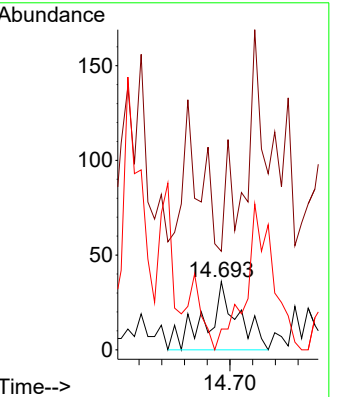
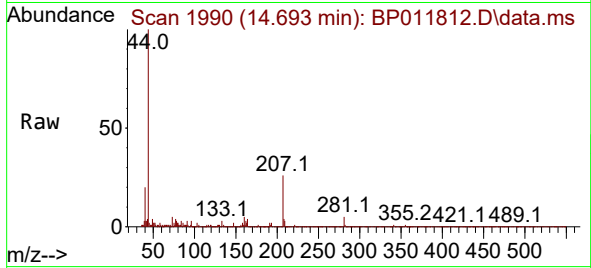




#54  
 2,4-Dinitrophenol  
 Concen: 6.750 ng  
 RT: 14.693 min Scan# 14  
 Delta R.T. 0.029 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

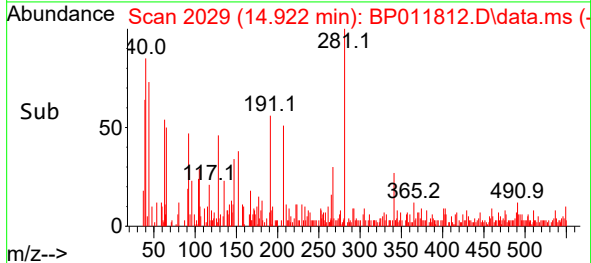
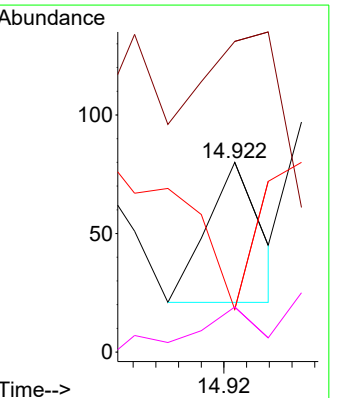
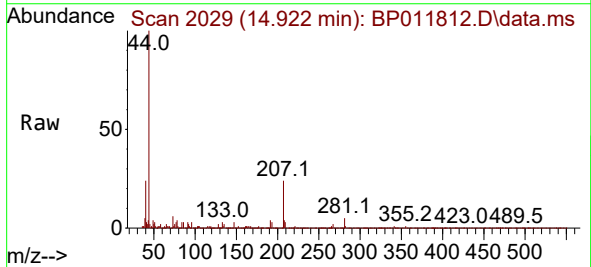
Instrument :  
 BNA\_P  
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 PB147782TB

Tgt Ion	Resp	Lower	Upper
184	100		
63	144.4	65.7	98.5#
154	30.6	48.2	72.4#

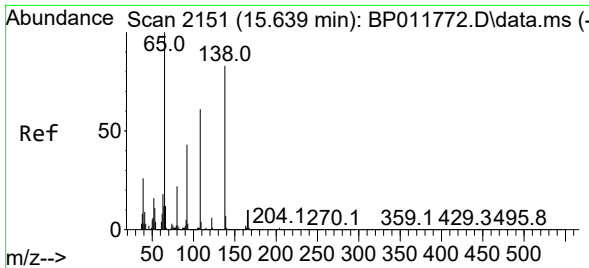


#57  
 2,4-Dinitrotoluene  
 Concen: 2.544 ng  
 RT: 14.922 min Scan# 2029  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion	Resp	Lower	Upper
165	100		
63	163.8	41.4	62.2#
89	22.5	66.0	99.0#
182	23.8	1.8	2.8#



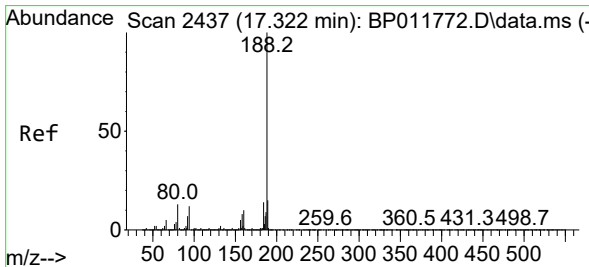
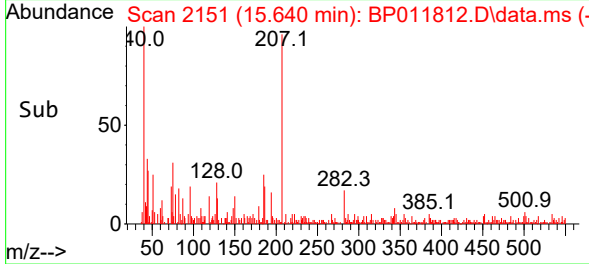
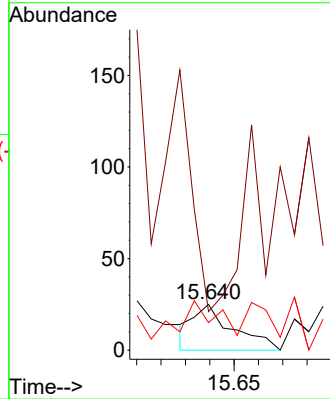
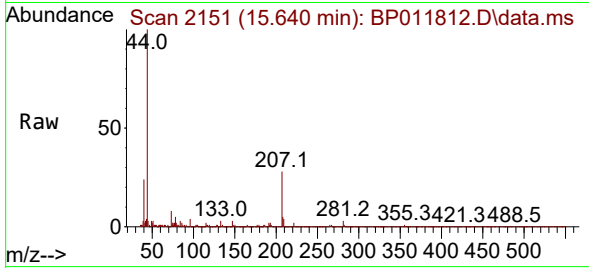




#62  
 4-Nitroaniline  
 Concen: 2.389 ng  
 RT: 15.640 min Scan# 2151  
 Delta R.T. 0.012 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

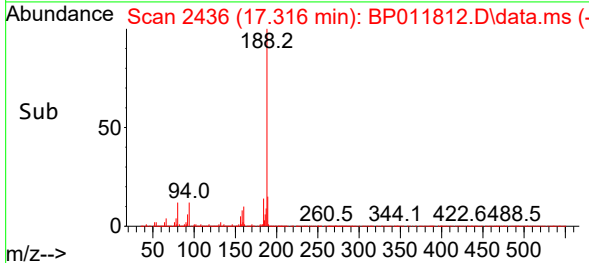
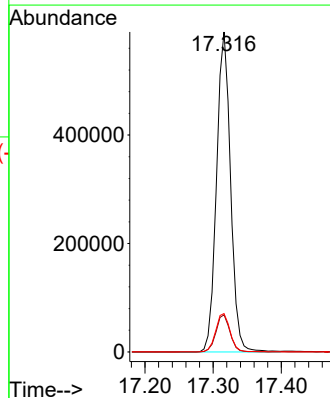
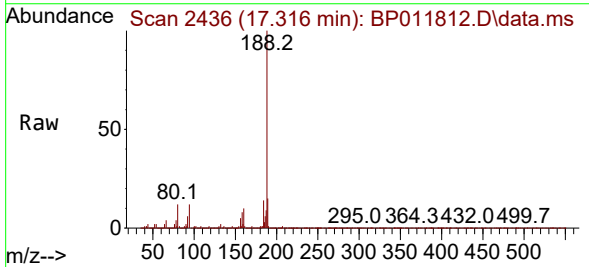
Instrument : BNA\_P  
 Client Sample Id : PB147782TB

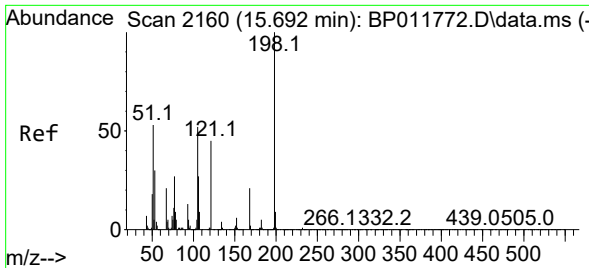
Tgt Ion	Resp	Lower	Upper
138	100		
92	84.0	31.9	71.9
108	60.0	53.3	93.3



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.316 min Scan# 2436  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion	Resp	Lower	Upper
188	100		
94	11.6	9.4	14.0
80	12.0	10.6	15.8

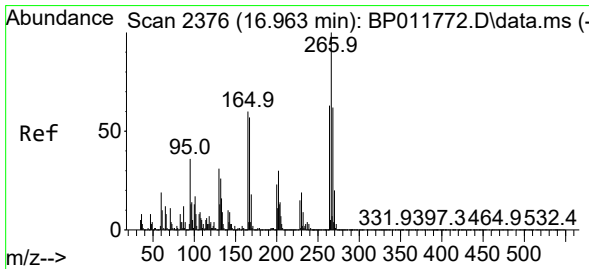
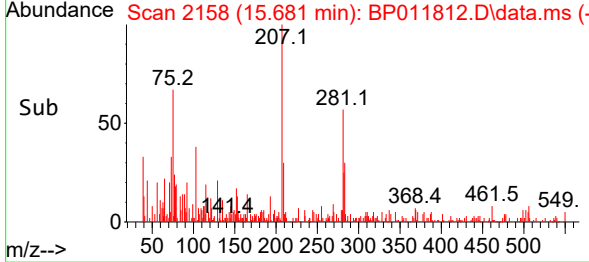
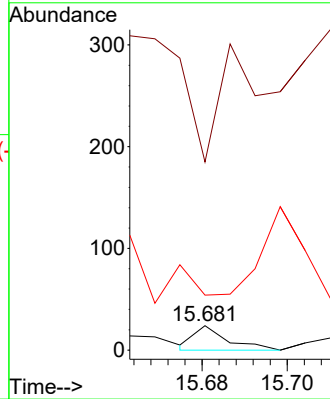
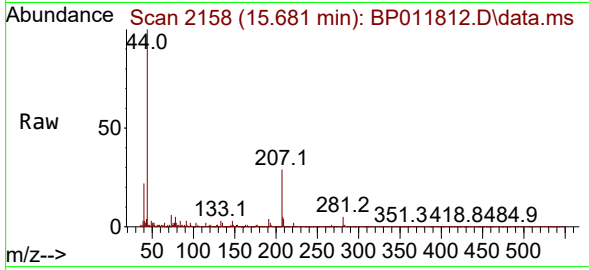




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 5.623 ng  
 RT: 15.681 min Scan# 2160  
 Delta R.T. 0.000 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

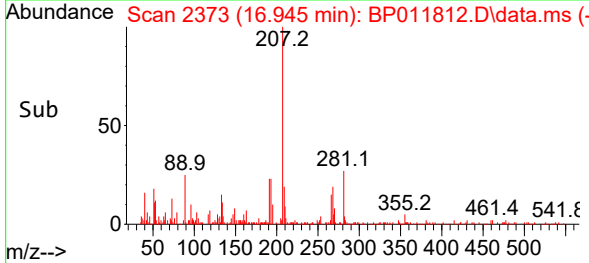
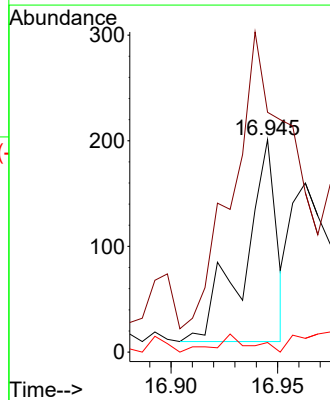
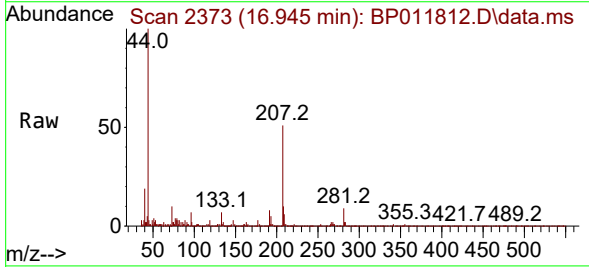
Instrument : BNA\_P  
 ClientSampleId : PB147782TB

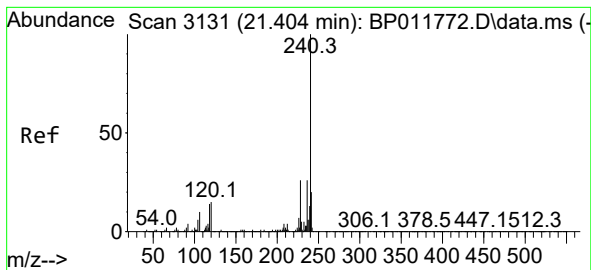
Tgt Ion	Resp	Lower	Upper
198	100		
51	770.8	41.6	81.6#
105	225.0	33.2	73.2#



#70  
 Pentachlorophenol  
 Concen: 4.420 ng  
 RT: 16.945 min Scan# 2373  
 Delta R.T. -0.012 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion	Resp	Lower	Upper
266	100		
268	112.9	49.7	74.5#
264	4.5	50.6	75.8#



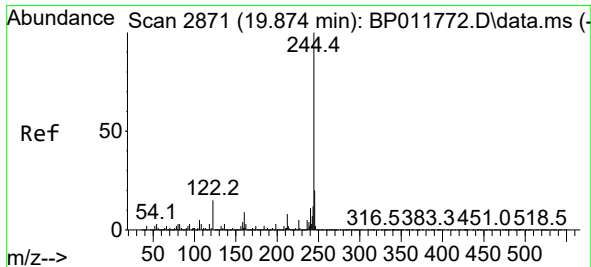
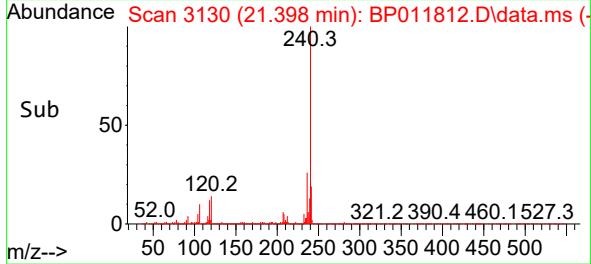
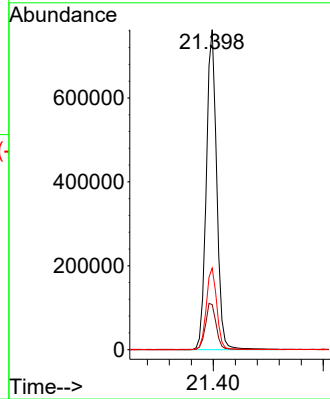
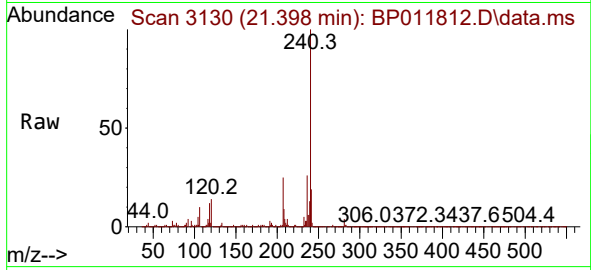


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.398 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB147782TB

Tgt Ion:240 Resp: 997890

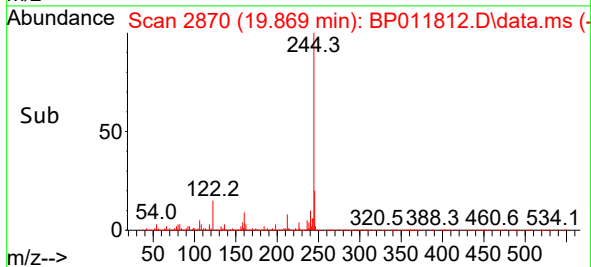
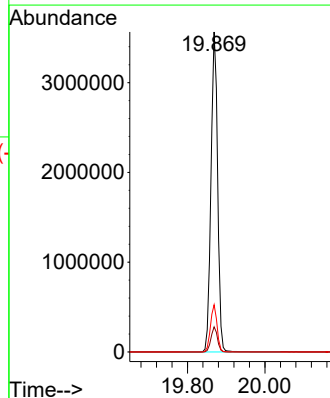
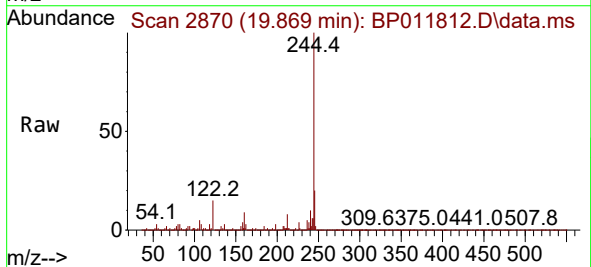
Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.0	18.0
236	25.5	21.1	31.7

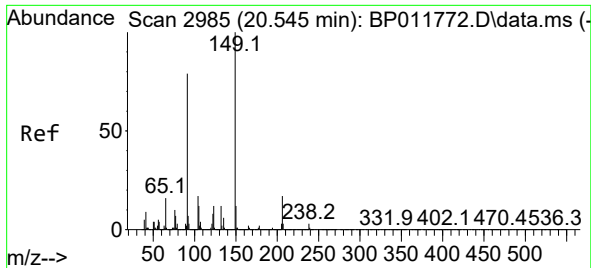


#79  
 Terphenyl-d14  
 Concen: 97.593 ng  
 RT: 19.869 min Scan# 2870  
 Delta R.T. 0.000 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion:244 Resp: 4235457

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	14.7	11.8	17.8





#80  
 Butylbenzylphthalate  
 Concen: 2.687 ng  
 RT: 20.516 min Scan# 2980  
 Delta R.T. -0.024 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

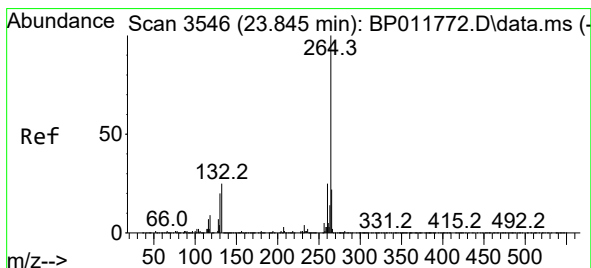
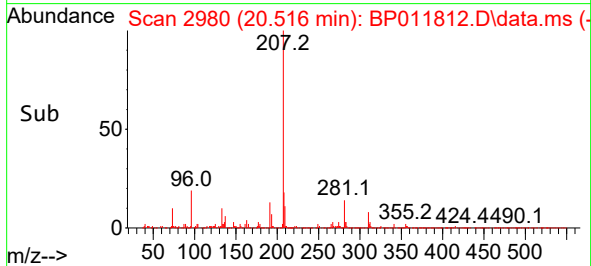
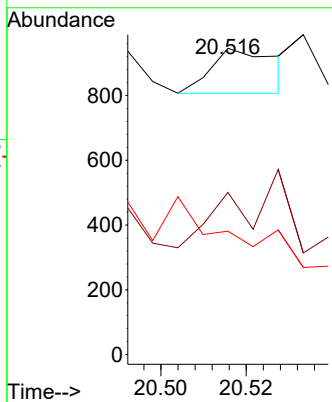
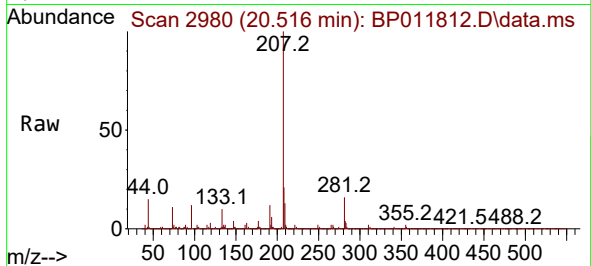
Instrument :

BNA\_P

Client Sample Id :

PB147782TB

Tgt Ion	Resp	Lower	Upper
149	100		
91	53.0	63.1	94.7#
206	40.3	13.6	20.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.845 min Scan# 3546  
 Delta R.T. 0.006 min  
 Lab File: BP011812.D  
 Acq: 27 Sep 2022 12:59

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.3	17.8	26.8

