

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091625\  
 Data File : BP025759.D  
 Acq On : 16 Sep 2025 15:50  
 Operator : CG/JU  
 Sample : Q3091-08  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 12/9B-COMP

Quant Time: Sep 16 16:12:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

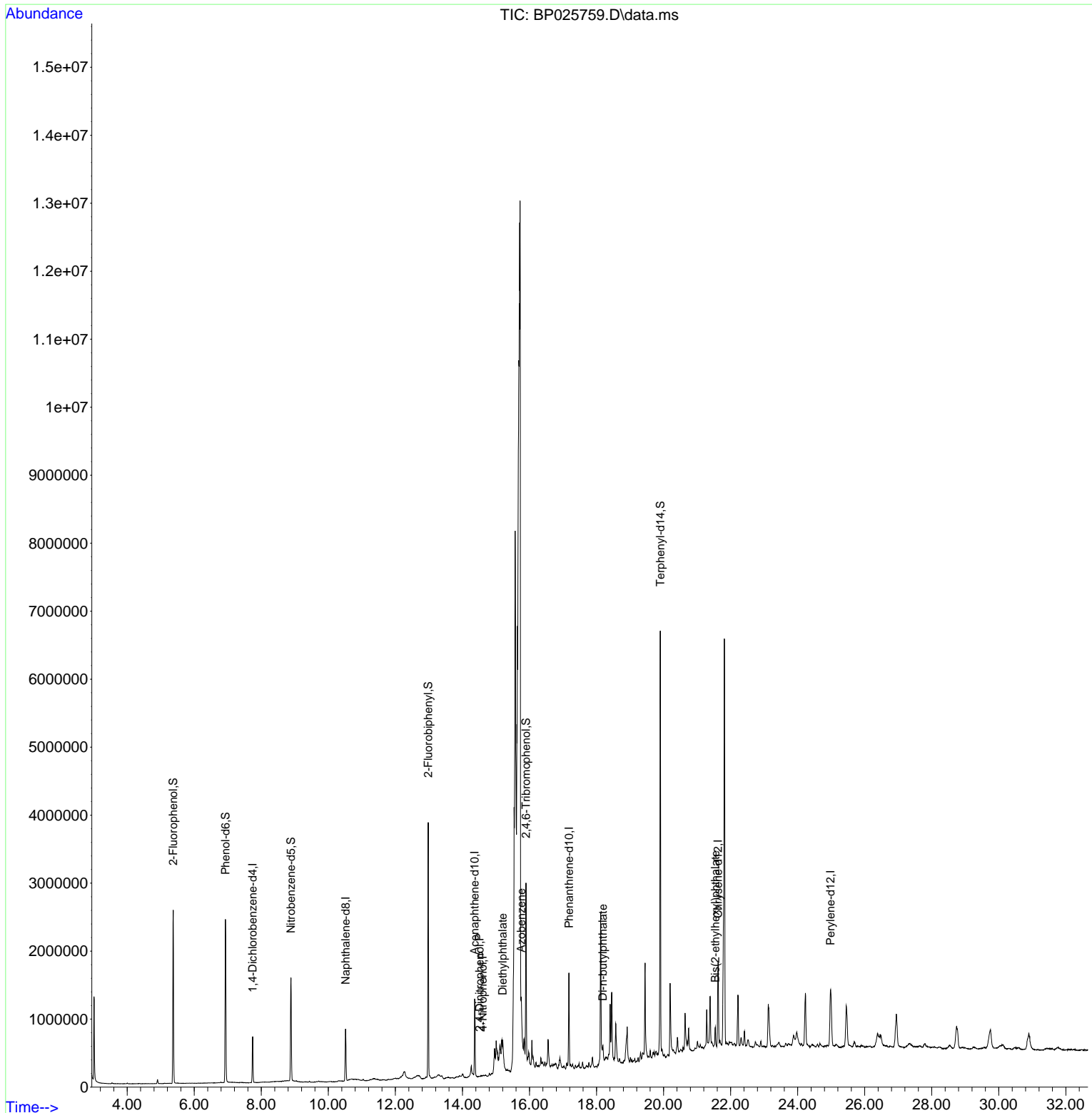
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	173219	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	661026	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	408662	20.000	ng	-0.01
64) Phenanthrene-d10	17.178	188	791748	20.000	ng	0.00
76) Chrysene-d12	21.625	240	861581	20.000	ng	-0.02
86) Perylene-d12	24.983	264	989974	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1073908	100.035	ng	-0.01
7) Phenol-d6	6.931	99	1384191	97.006	ng	-0.02
23) Nitrobenzene-d5	8.884	82	893297	59.611	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	477654	93.708	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	1801405	58.694	ng	-0.01
79) Terphenyl-d14	19.901	244	2972950	62.075	ng	-0.01
Target Compounds						
54) 2,4-Dinitrophenol	14.513	184	141	4.855	ng	# 1
56) 4-Nitrophenol	14.601	139	139	4.504	ng	# 2
60) Diethylphthalate	15.201	149	153225	4.842	ng	99
63) Azobenzene	15.754	77	144922	4.736	ng	# 1
74) Di-n-butylphthalate	18.189	149	211050	4.059	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	139188	3.774	ng	98

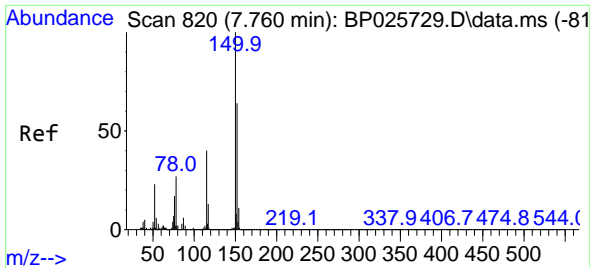
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091625\  
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 BNA\_P  
 ClientSampleId :  
 12/9B-COMP

Quant Time: Sep 16 16:12:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

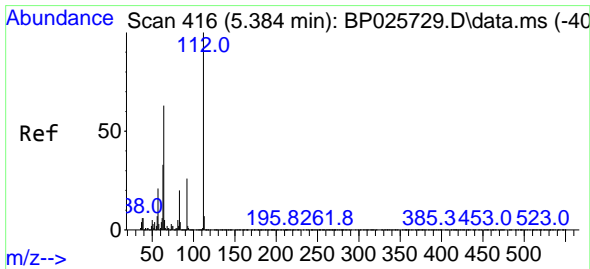
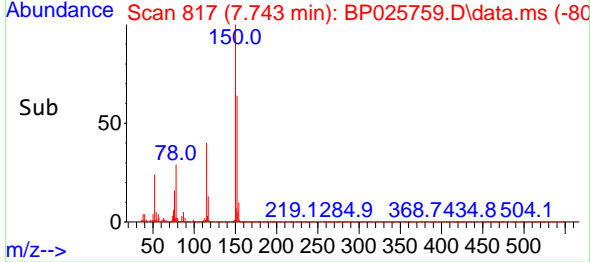
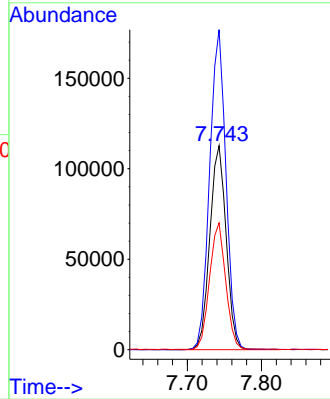
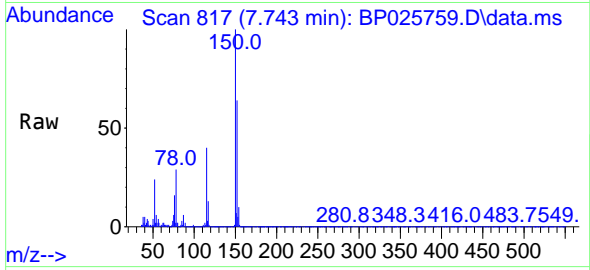




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.743 min Scan# 81  
 Delta R.T. -0.017 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

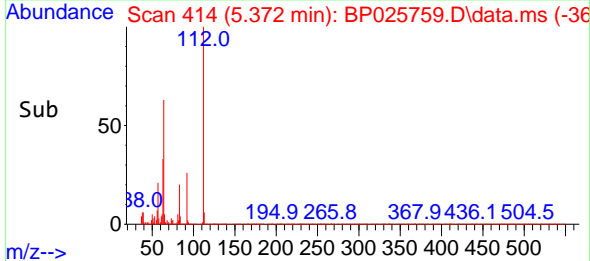
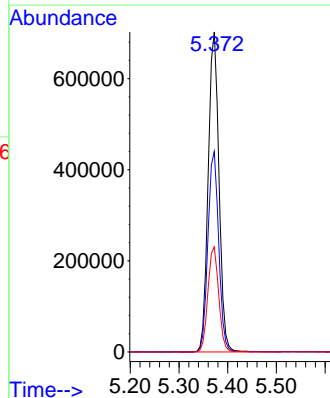
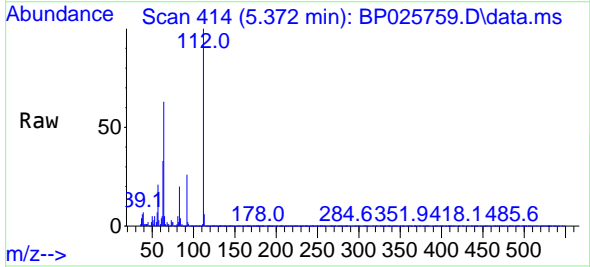
Instrument :  
 BNA\_P  
 ClientSampleId :  
 12/9B-COMP

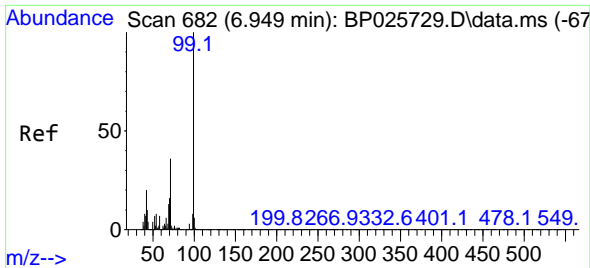
Tgt Ion:152 Resp: 173219  
 Ion Ratio Lower Upper  
 152 100  
 150 156.8 124.3 186.5  
 115 62.1 50.3 75.5



#5  
 2-Fluorophenol  
 Concen: 100.035 ng  
 RT: 5.372 min Scan# 414  
 Delta R.T. -0.012 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Tgt Ion:112 Resp: 1073908  
 Ion Ratio Lower Upper  
 112 100  
 64 62.7 50.2 75.4  
 63 32.9 26.7 40.1



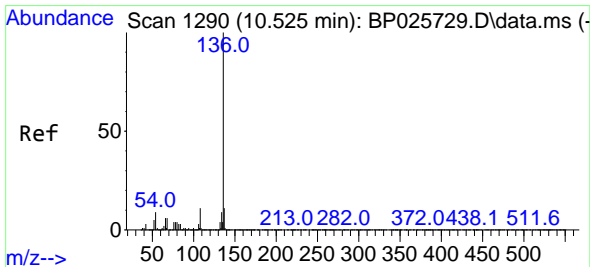
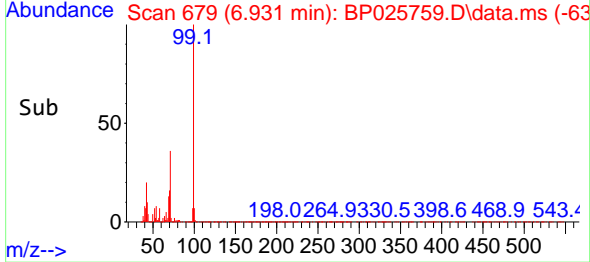
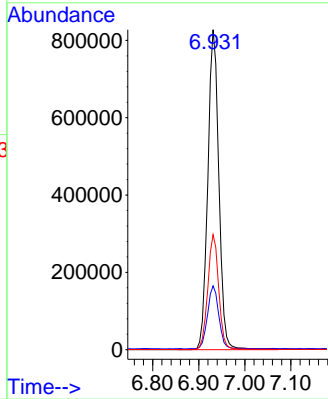
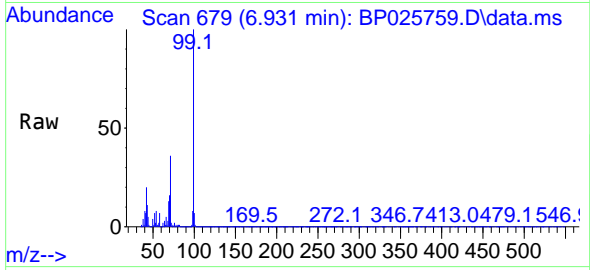


#7  
Phenol-d6  
Concen: 97.006 ng  
RT: 6.931 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BP025759.D  
Acq: 16 Sep 2025 15:50

Instrument :  
BNA\_P  
ClientSampleId :  
12/9B-COMP

Tgt Ion: 99 Resp: 1384191

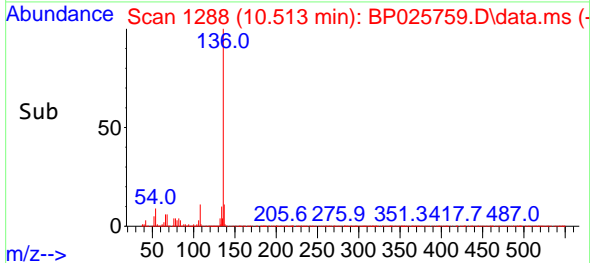
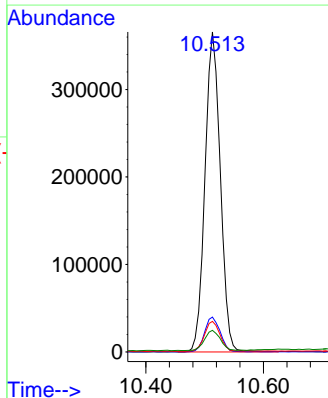
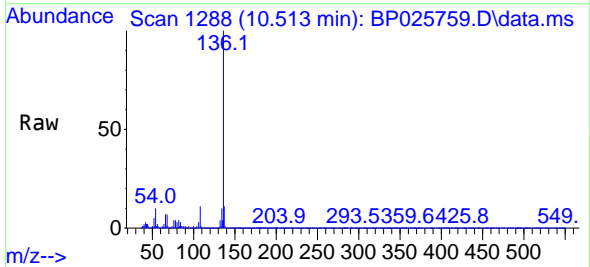
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	35.9	28.6	43.0

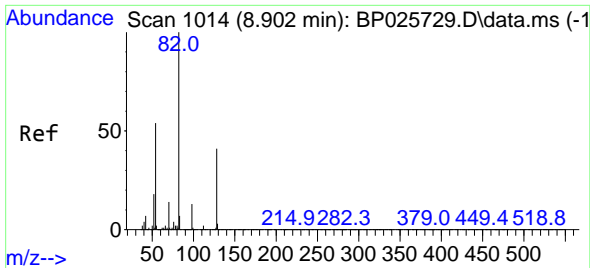


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.513 min Scan# 1288  
Delta R.T. -0.012 min  
Lab File: BP025759.D  
Acq: 16 Sep 2025 15:50

Tgt Ion: 136 Resp: 661026

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.5	7.5	11.3
68	6.7	5.0	7.6

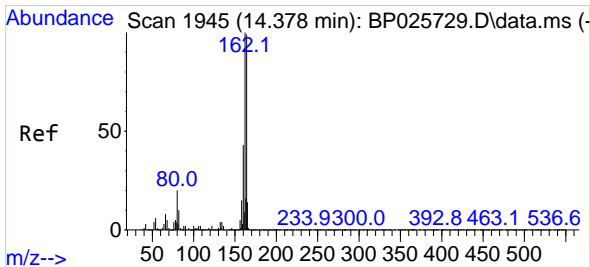
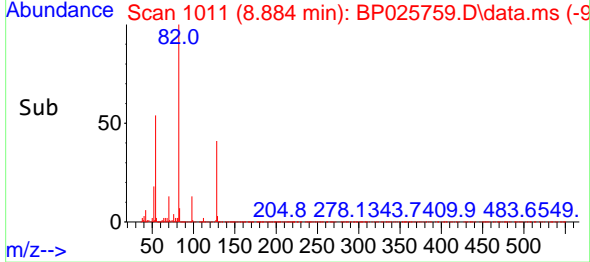
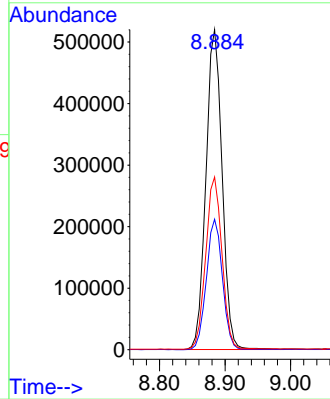
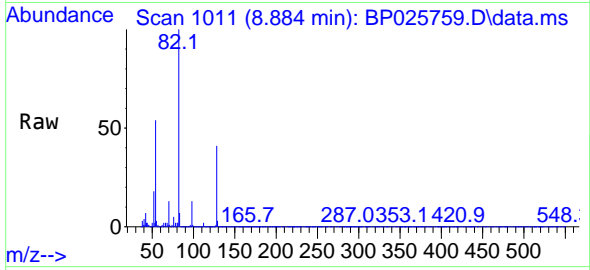




#23  
 Nitrobenzene-d5  
 Concen: 59.611 ng  
 RT: 8.884 min Scan# 1011  
 Delta R.T. -0.018 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

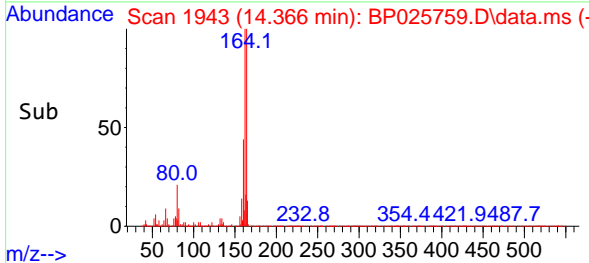
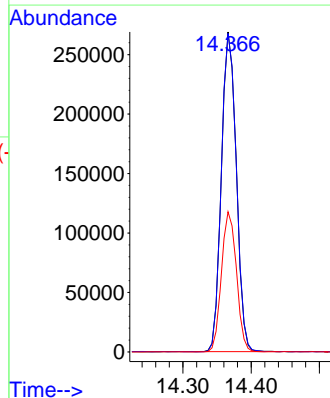
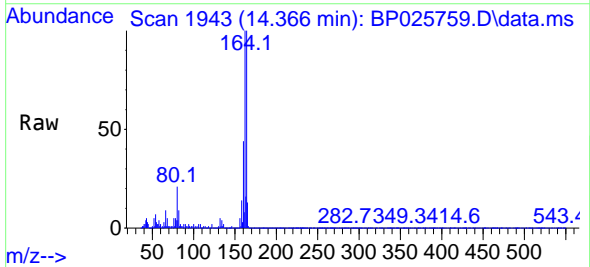
Instrument :  
 BNA\_P  
 ClientSampleId :  
 12/9B-COMP

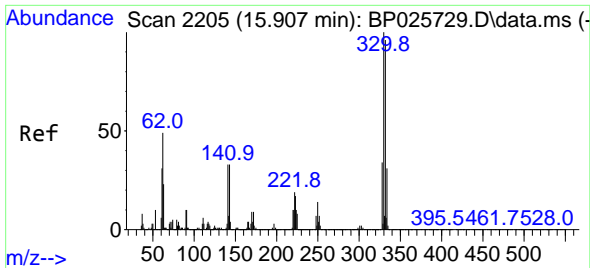
Tgt Ion: 82 Resp: 893297  
 Ion Ratio Lower Upper  
 82 100  
 128 40.8 32.9 49.3  
 54 54.0 43.4 65.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.366 min Scan# 1943  
 Delta R.T. -0.012 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

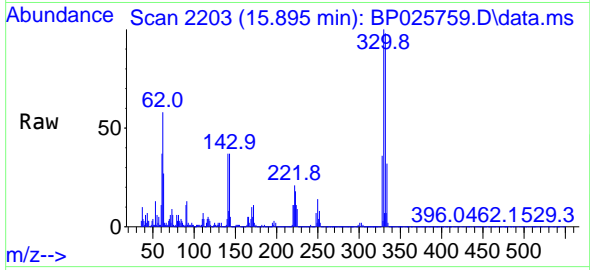
Tgt Ion: 164 Resp: 408662  
 Ion Ratio Lower Upper  
 164 100  
 162 99.6 80.6 120.8  
 160 43.8 35.0 52.6



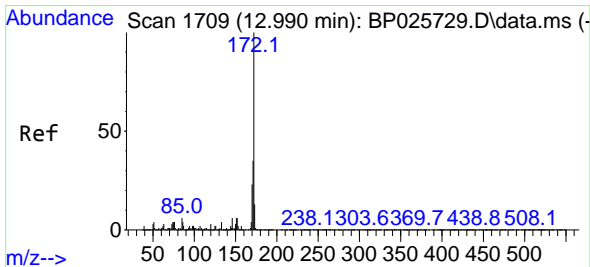
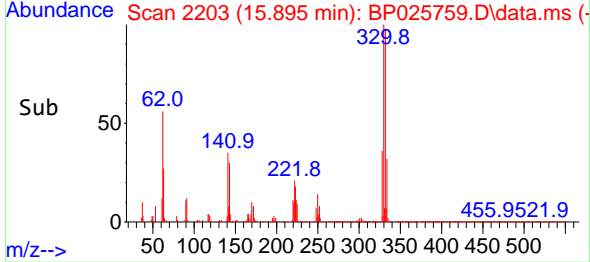
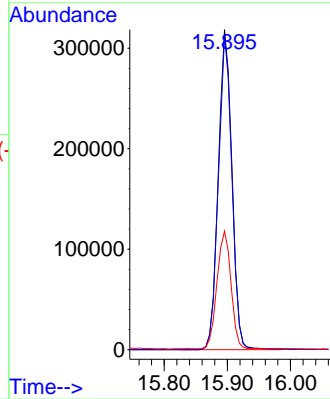


#42  
 2,4,6-Tribromophenol  
 Concen: 93.708 ng  
 RT: 15.895 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

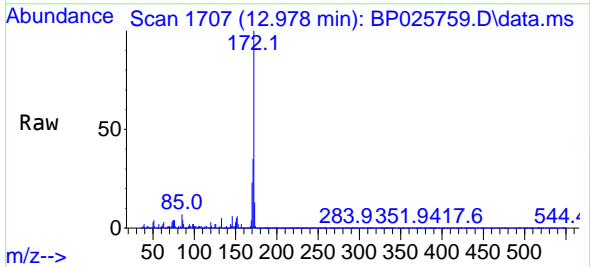
Instrument :  
 BNA\_P  
 ClientSampleId :  
 12/9B-COMP



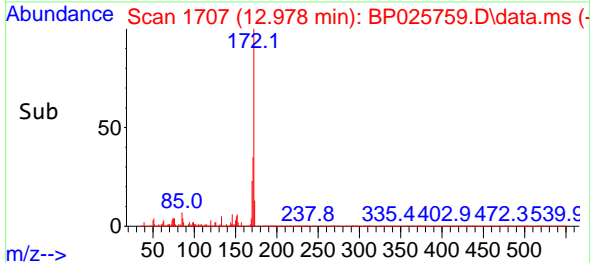
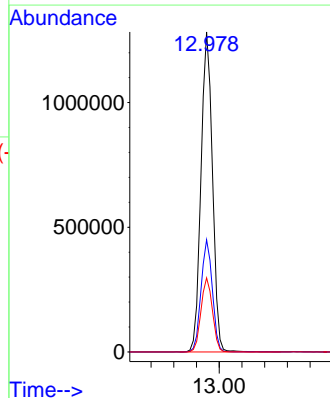
Tgt Ion:330 Resp: 477654  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 76.9 115.3  
 141 37.4 31.0 46.4

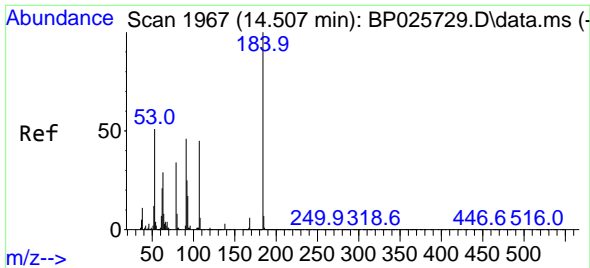


#45  
 2-Fluorobiphenyl  
 Concen: 58.694 ng  
 RT: 12.978 min Scan# 1707  
 Delta R.T. -0.012 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50



Tgt Ion:172 Resp: 1801405  
 Ion Ratio Lower Upper  
 172 100  
 171 35.1 27.8 41.6  
 170 23.2 18.6 27.8



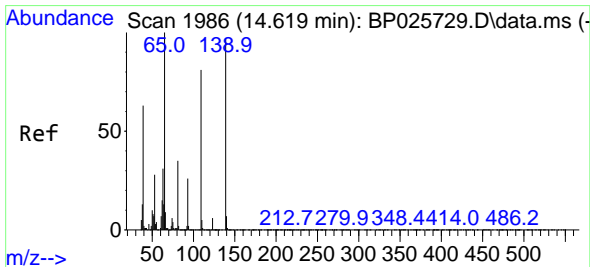
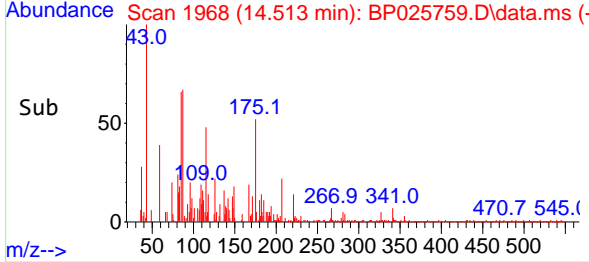
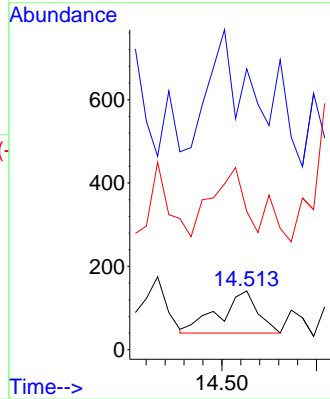
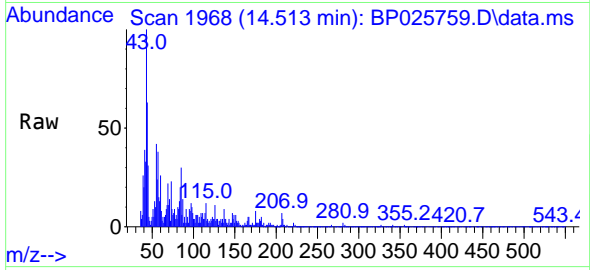


#54  
 2,4-Dinitrophenol  
 Concen: 4.855 ng  
 RT: 14.513 min Scan# 1968  
 Delta R.T. 0.006 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Instrument :  
 BNA\_P  
 ClientSampleId :  
 12/9B-COMP

Tgt Ion:184 Resp: 141

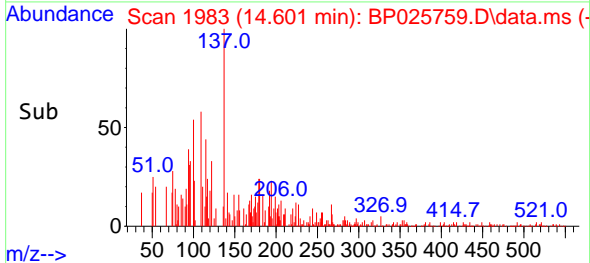
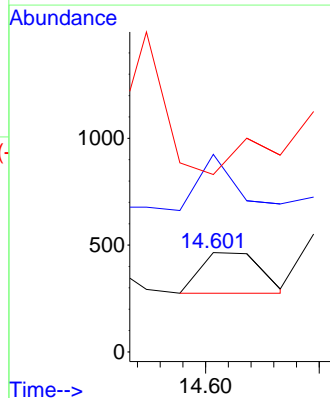
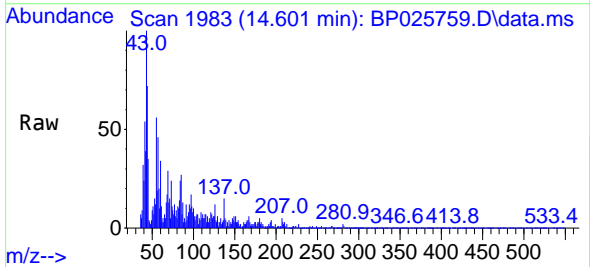
Ion	Ratio	Lower	Upper
184	100		
63	478.0	52.5	78.7#
154	235.5	51.5	77.3#

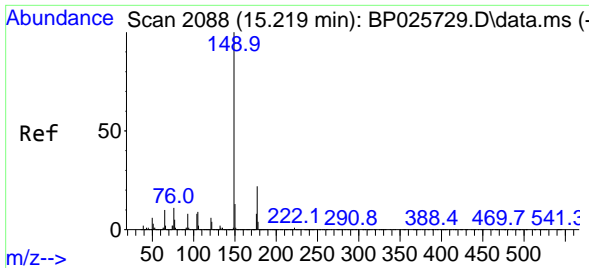


#56  
 4-Nitrophenol  
 Concen: 4.504 ng  
 RT: 14.601 min Scan# 1983  
 Delta R.T. -0.018 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Tgt Ion:139 Resp: 139

Ion	Ratio	Lower	Upper
139	100		
109	198.9	62.9	102.9#
65	178.7	83.4	123.4#



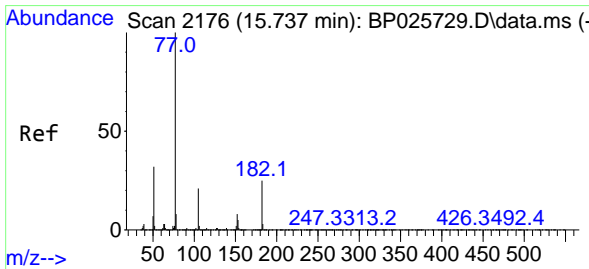
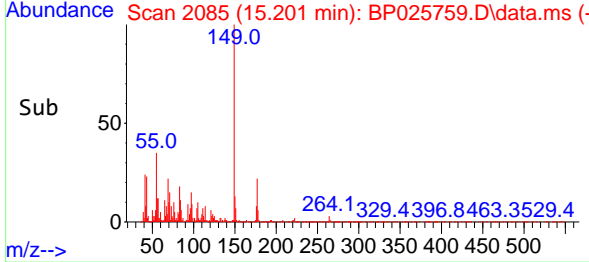
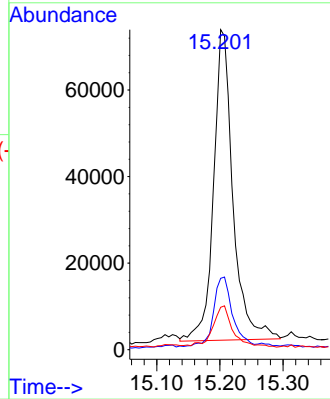
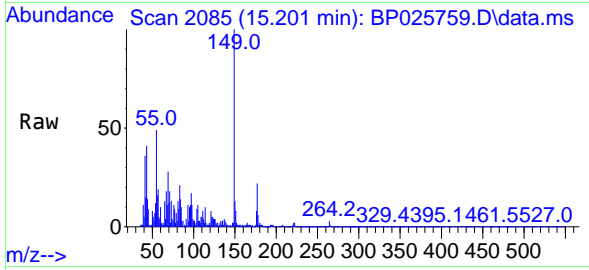


#60  
 Diethylphthalate  
 Concen: 4.842 ng  
 RT: 15.201 min Scan# 2085  
 Delta R.T. -0.018 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Instrument :  
 BNA\_P  
 ClientSampleId :  
 12/9B-COMP

Tgt Ion:149 Resp: 153225

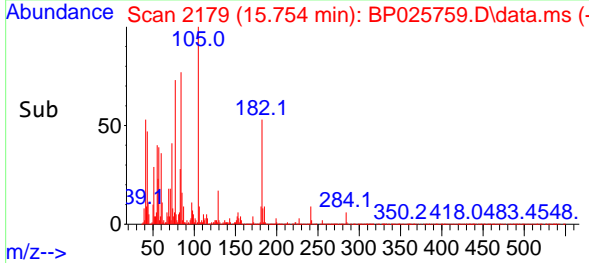
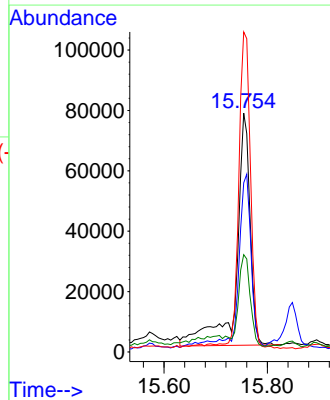
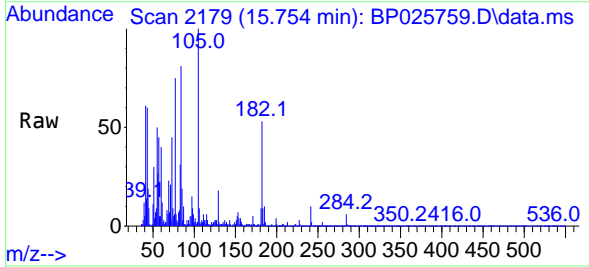
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	13.3	10.0	15.0



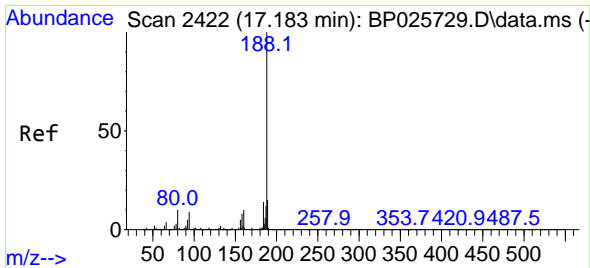
#63  
 Azobenzene  
 Concen: 4.736 ng  
 RT: 15.754 min Scan# 2179  
 Delta R.T. 0.018 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Tgt Ion: 77 Resp: 144922

Ion	Ratio	Lower	Upper
77	100		
182	70.8	5.2	45.2#
105	134.0	1.1	41.1#
51	40.7	11.6	51.6





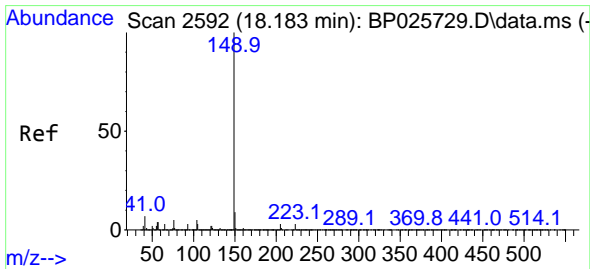
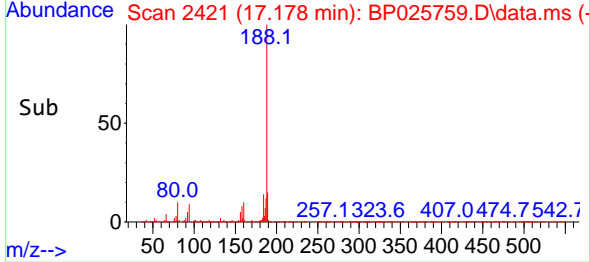
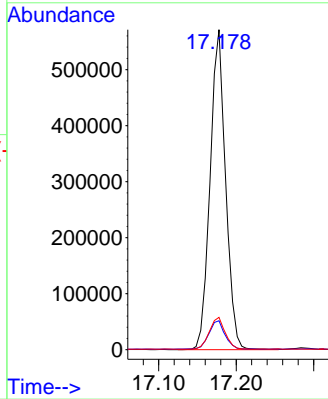
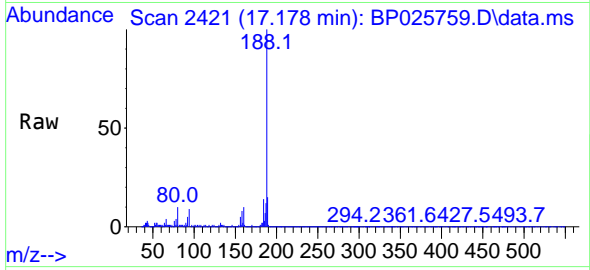


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.178 min Scan# 24  
 Delta R.T. -0.006 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Instrument :  
 BNA\_P  
 ClientSampleId :  
 12/9B-COMP

Tgt Ion:188 Resp: 791748

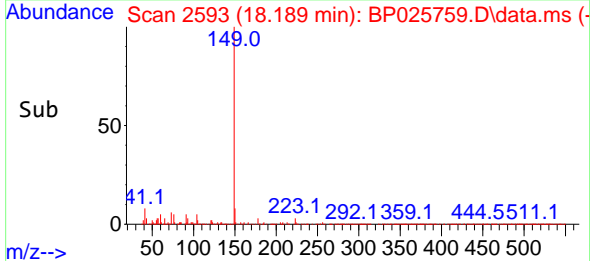
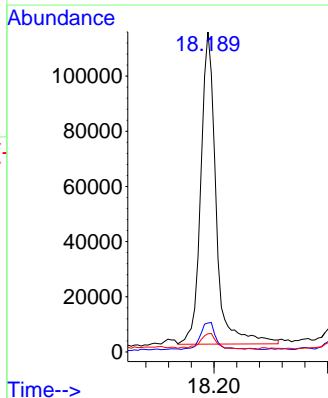
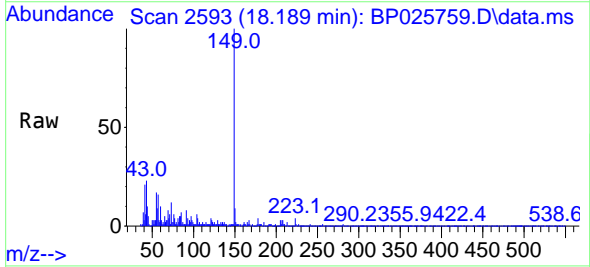
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.0
80	10.1	7.7	11.5

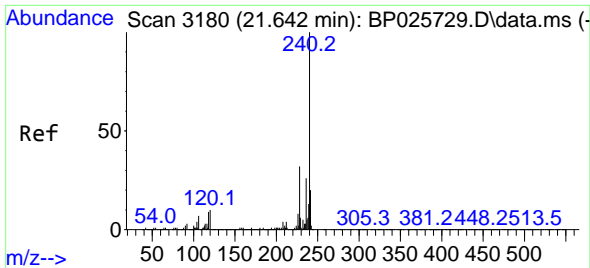


#74  
 Di-n-butylphthalate  
 Concen: 4.059 ng  
 RT: 18.189 min Scan# 2593  
 Delta R.T. 0.006 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Tgt Ion:149 Resp: 211050

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.7	4.3	6.5



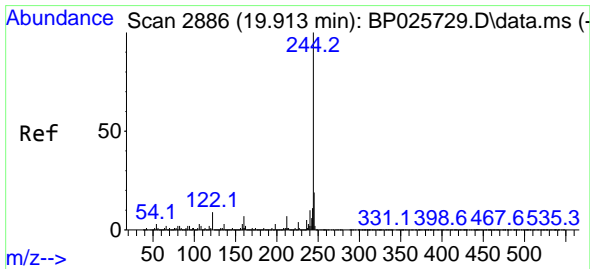
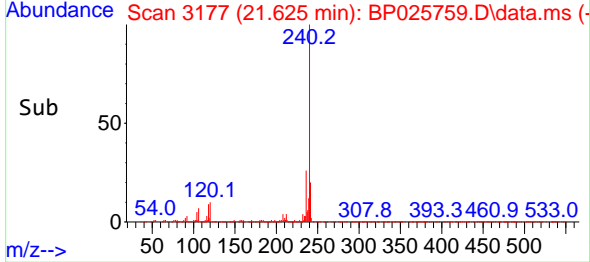
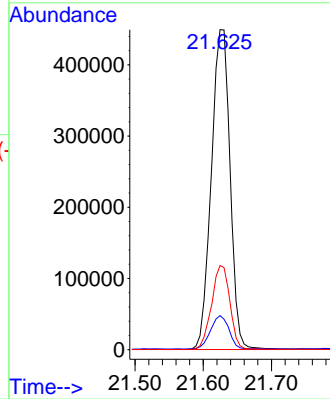
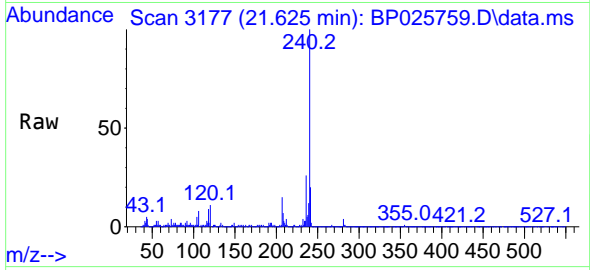


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.625 min Scan# 3177  
 Delta R.T. -0.018 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

**Instrument :**  
 BNA\_P  
**ClientSampleId :**  
 12/9B-COMP

Tgt Ion:240 Resp: 861581

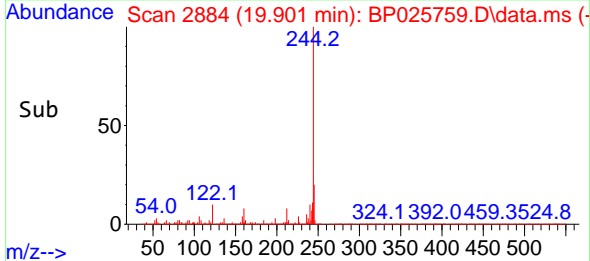
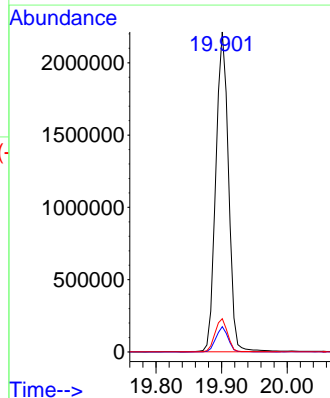
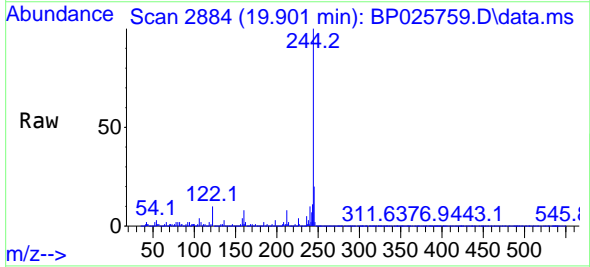
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.0	12.0
236	26.3	20.7	31.1

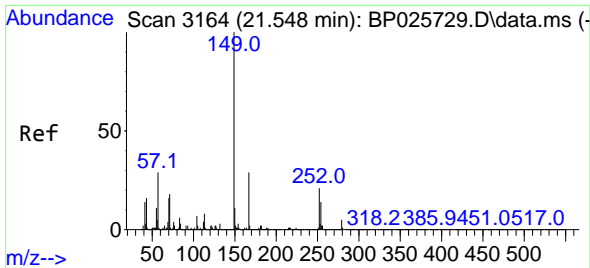


#79  
 Terphenyl-d14  
 Concen: 62.075 ng  
 RT: 19.901 min Scan# 2884  
 Delta R.T. -0.012 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Tgt Ion:244 Resp: 2972950

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.4	7.1	10.7



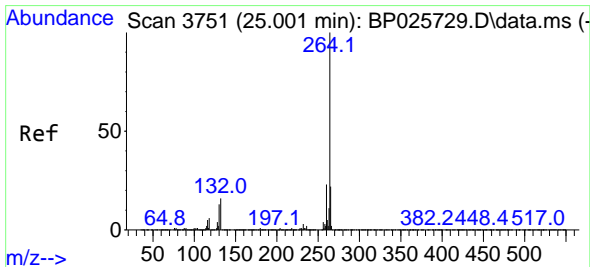
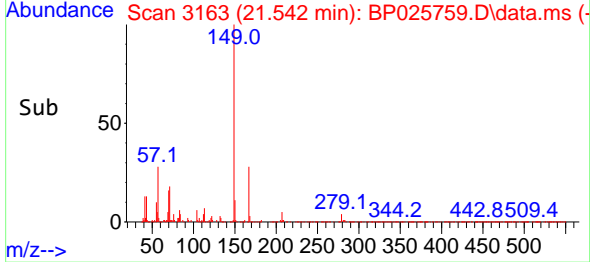
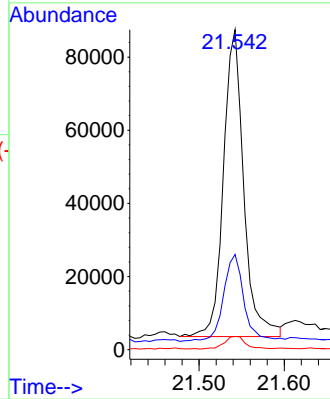
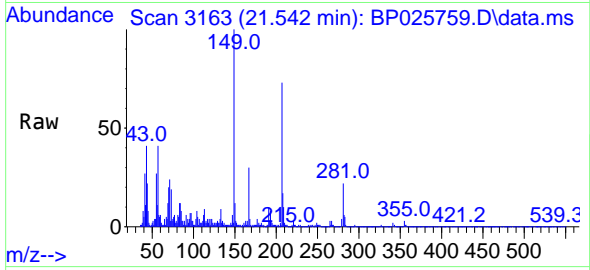


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.774 ng  
 RT: 21.542 min Scan# 3163  
 Delta R.T. -0.006 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Instrument :  
 BNA\_P  
 ClientSampleId :  
 12/9B-COMP

Tgt Ion:149 Resp: 139188

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.9	34.3
279	4.2	3.8	5.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.983 min Scan# 3748  
 Delta R.T. -0.018 min  
 Lab File: BP025759.D  
 Acq: 16 Sep 2025 15:50

Tgt Ion:264 Resp: 989974

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.1	17.3	25.9

