

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071025\  
 Data File : BP025090.D  
 Acq On : 10 Jul 2025 19:44  
 Operator : CG/JU  
 Sample : Q2529-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

Quant Time: Jul 11 02:31:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 03 16:05:44 2025  
 Response via : Initial Calibration

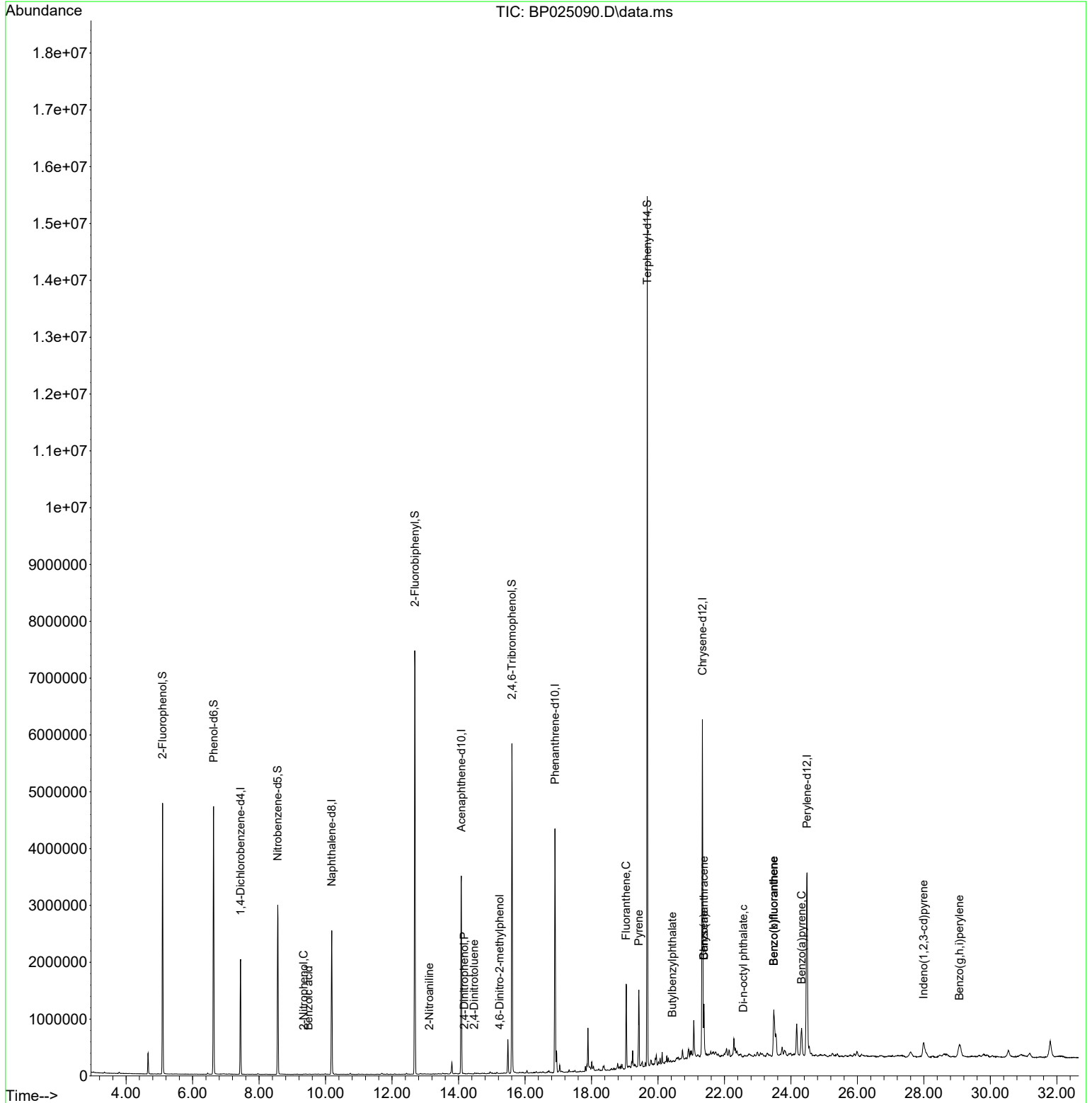
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	532751	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2130139	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1357231	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2770425	20.000	ng	0.00
76) Chrysene-d12	21.336	240	3117375	20.000	ng	0.00
86) Perylene-d12	24.483	264	3248937	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2097186	69.749	ng	0.00
7) Phenol-d6	6.631	99	2745803	69.979	ng	0.00
23) Nitrobenzene-d5	8.561	82	1584486	49.469	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1262136	78.719	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	4296056	49.036	ng	-0.01
79) Terphenyl-d14	19.678	244	7037354	49.614	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.337	139	17	3.303	ng	# 1
32) Benzoic acid	9.484	122	115	6.208	ng	# 57
48) 2-Nitroaniline	13.125	65	125	2.771	ng	# 33
54) 2,4-Dinitrophenol	14.172	184	17	5.387	ng	# 1
57) 2,4-Dinitrotoluene	14.466	165	261	2.646	ng	# 80
65) 4,6-Dinitro-2-methylph...	15.237	198	9	5.579	ng	# 1
75) Fluoranthene	19.042	202	963301	5.567	ng	99
78) Pyrene	19.425	202	871177	4.512	ng	99
80) Butylbenzylphthalate	20.430	149	876	3.693	ng	# 35
81) Benzo(a)anthracene	21.383	228	622886	3.297	ng	94
83) Chrysene	21.383	228	623611	3.430	ng	98
85) Di-n-octyl phthalate	22.566	149	388	6.101	ng	# 52
87) Indeno(1,2,3-cd)pyrene	27.989	276	438696	2.120	ng	# 89
88) Benzo(b)fluoranthene	23.483	252	983678	5.202	ng	99
89) Benzo(k)fluoranthene	23.483	252	983678	5.228	ng	99
90) Benzo(a)pyrene	24.319	252	537106	3.337	ng	98
92) Benzo(g,h,i)perylene	29.071	276	399582	2.261	ng	98

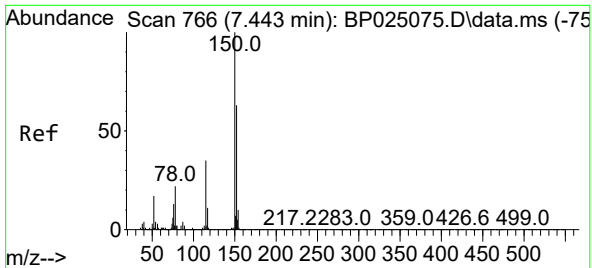
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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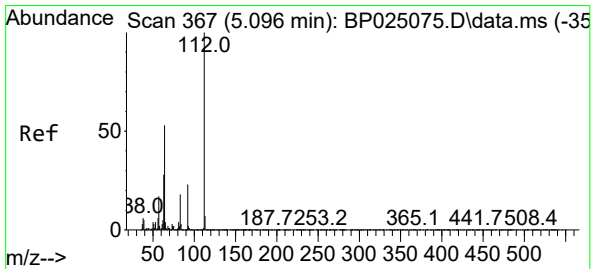
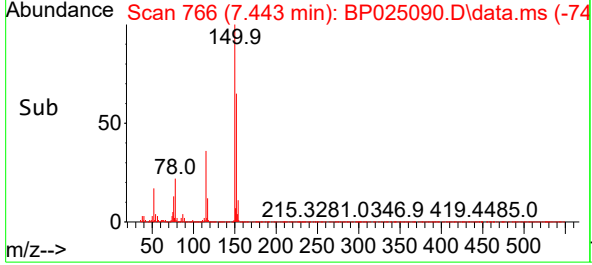
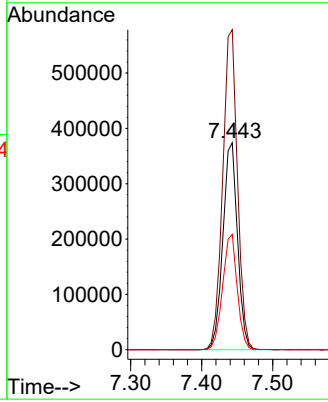
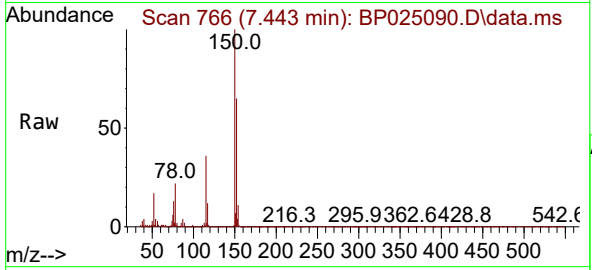




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.443 min Scan# 70  
 Delta R.T. -0.000 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

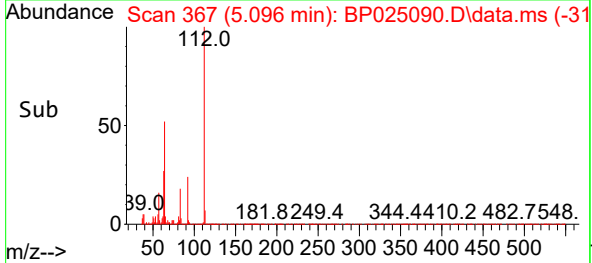
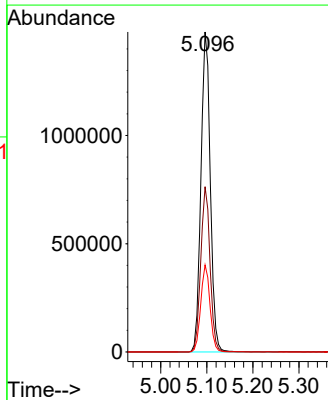
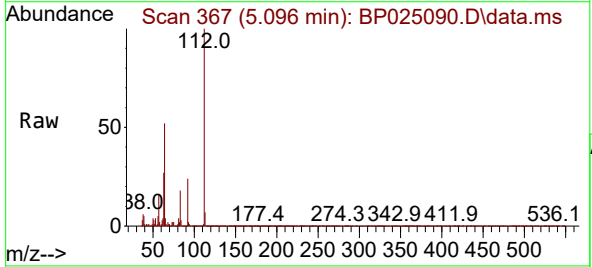
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

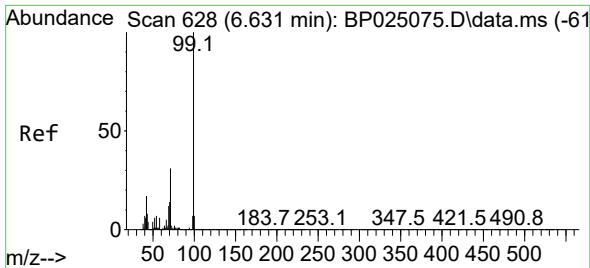
Tgt Ion:152 Resp: 532751  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 126.1 189.1  
 115 55.8 44.3 66.5



#5  
 2-Fluorophenol  
 Concen: 69.749 ng  
 RT: 5.096 min Scan# 367  
 Delta R.T. 0.000 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion:112 Resp: 2097186  
 Ion Ratio Lower Upper  
 112 100  
 64 51.7 42.0 63.0  
 63 27.2 22.2 33.2



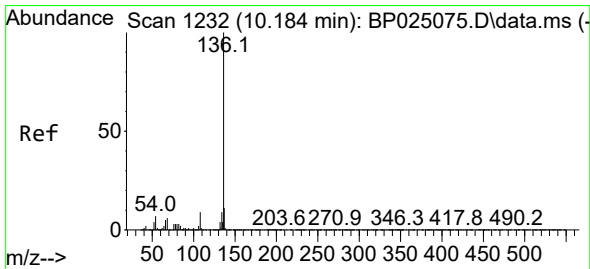
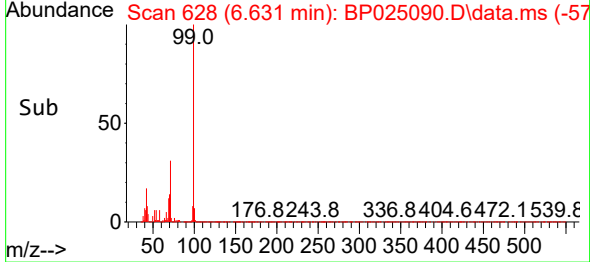
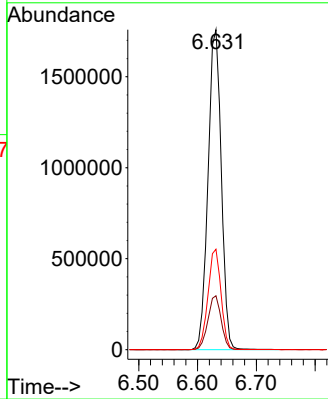
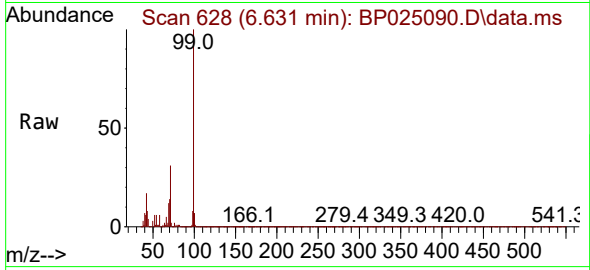


#7  
 Phenol-d6  
 Concen: 69.979 ng  
 RT: 6.631 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

Tgt Ion: 99 Resp: 2745803

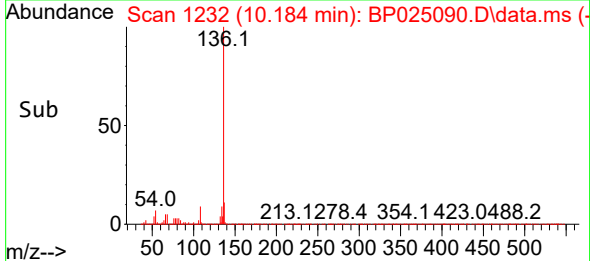
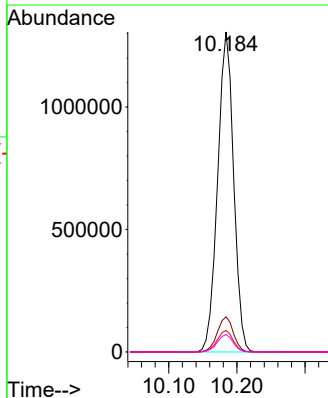
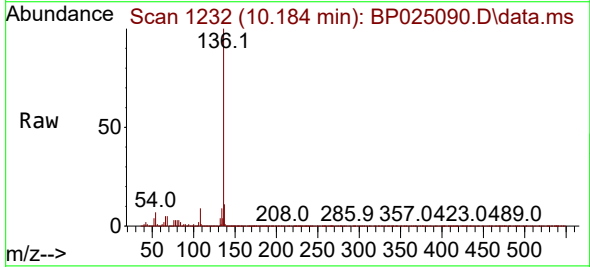
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	31.4	24.4	36.6

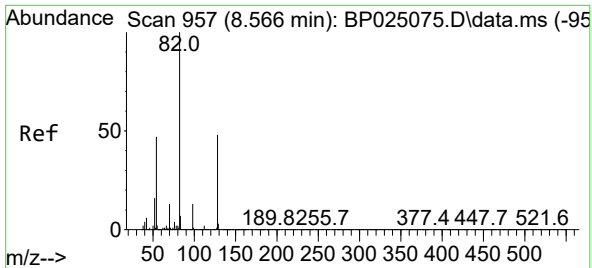


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.184 min Scan# 1232  
 Delta R.T. 0.000 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion: 136 Resp: 2130139

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.4	8.2
68	5.4	4.5	6.7



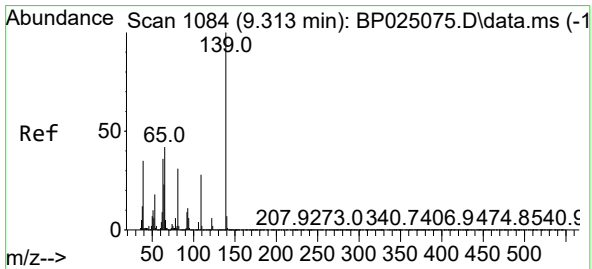
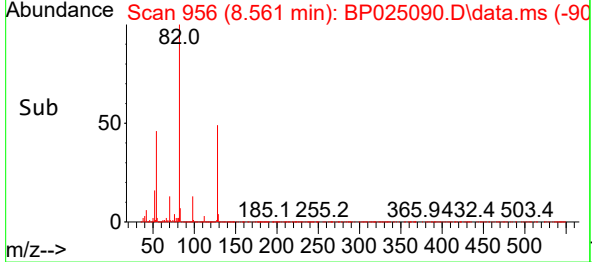
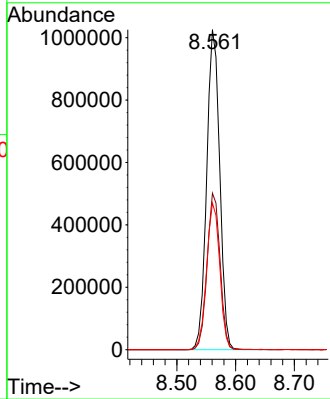
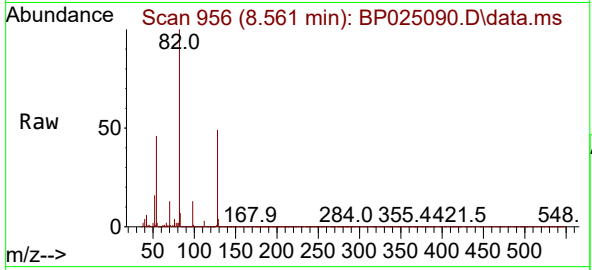


#23  
 Nitrobenzene-d5  
 Concen: 49.469 ng  
 RT: 8.561 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

Tgt Ion: 82 Resp: 1584486

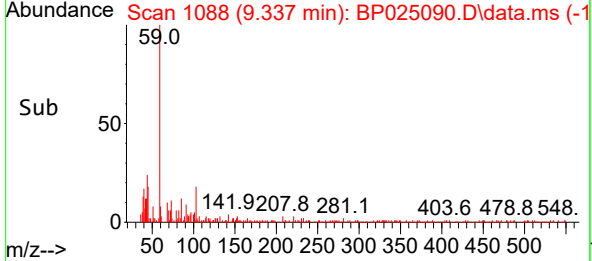
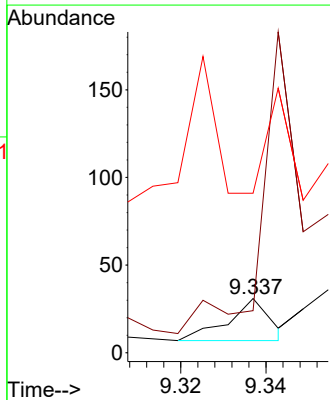
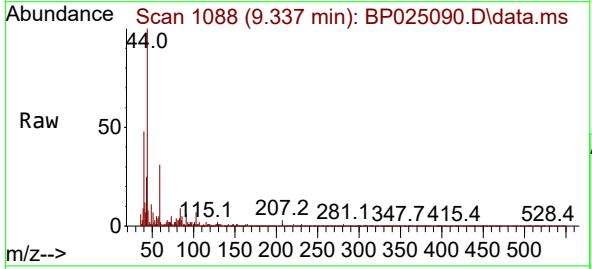
Ion	Ratio	Lower	Upper
82	100		
128	48.9	38.4	57.6
54	45.8	37.8	56.6

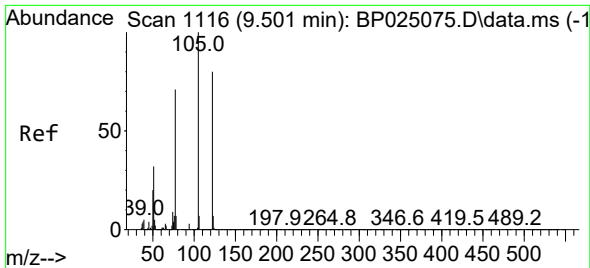


#26  
 2-Nitrophenol  
 Concen: 3.303 ng  
 RT: 9.337 min Scan# 1088  
 Delta R.T. 0.024 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion: 139 Resp: 17

Ion	Ratio	Lower	Upper
139	100		
109	77.4	22.3	33.5#
65	490.3	33.8	50.8#



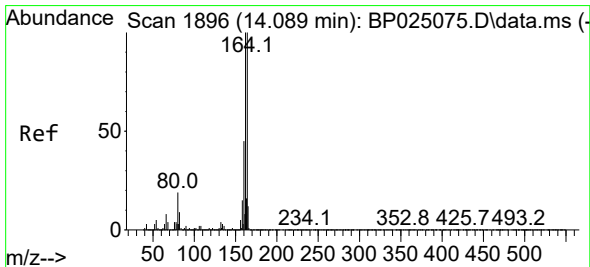
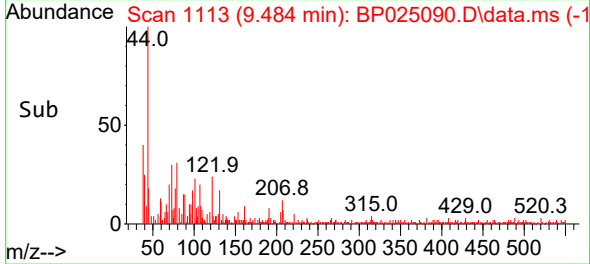
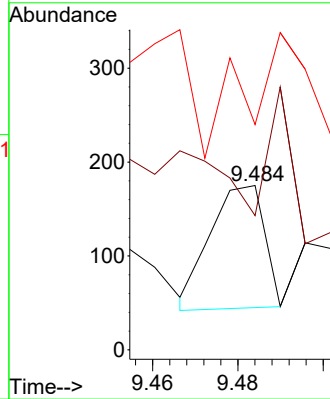
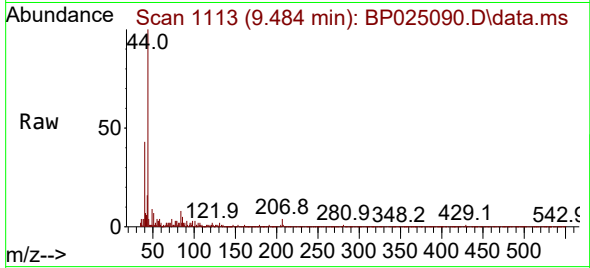


#32  
 Benzoic acid  
 Concen: 6.208 ng  
 RT: 9.484 min Scan# 1116  
 Delta R.T. -0.017 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument : BNA\_P  
 Client SampleID : TP-91

Tgt Ion:122 Resp: 115

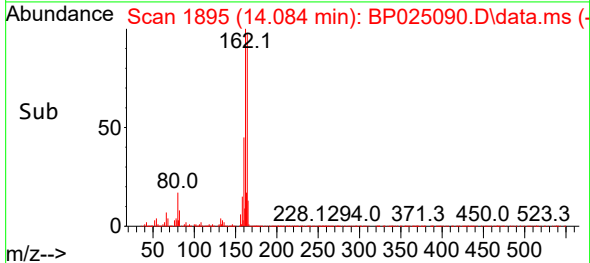
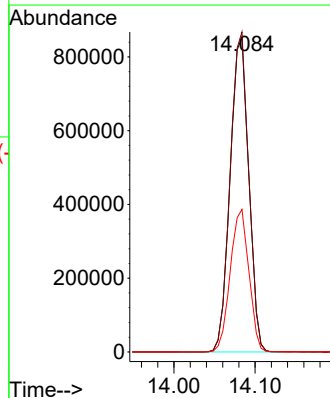
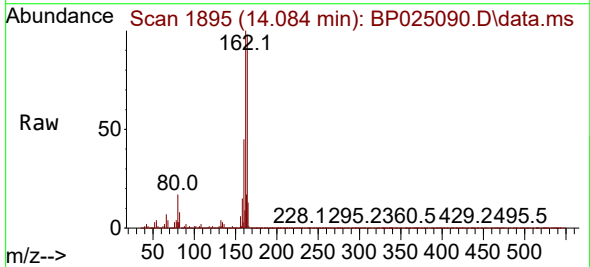
Ion	Ratio	Lower	Upper
122	100		
105	81.7	101.0	141.0#
77	137.1	67.6	107.6#

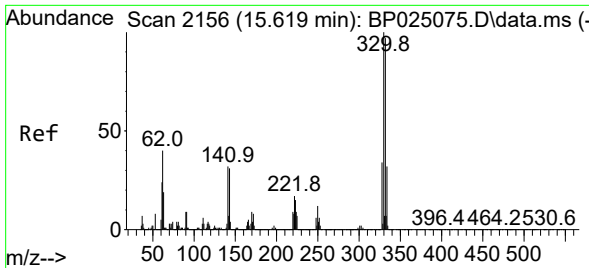


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.084 min Scan# 1895  
 Delta R.T. -0.005 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion:164 Resp: 1357231

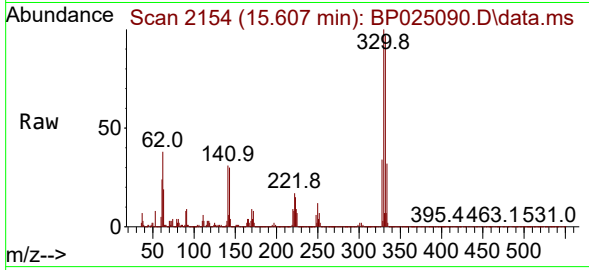
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.3	120.5
160	45.3	35.9	53.9



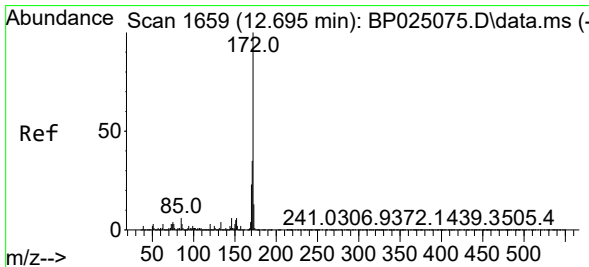
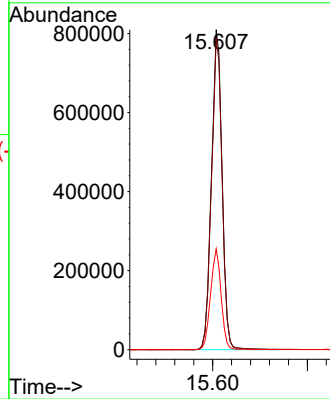
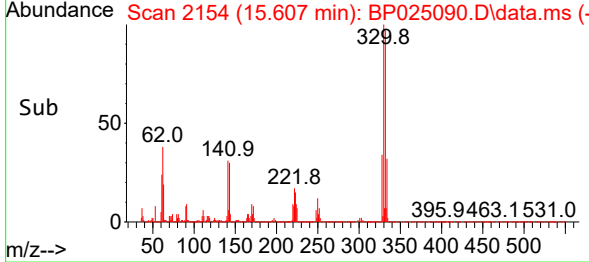


#42  
 2,4,6-Tribromophenol  
 Concen: 78.719 ng  
 RT: 15.607 min Scan# 2156  
 Delta R.T. -0.012 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

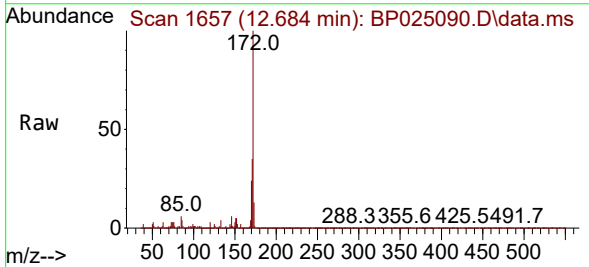
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91



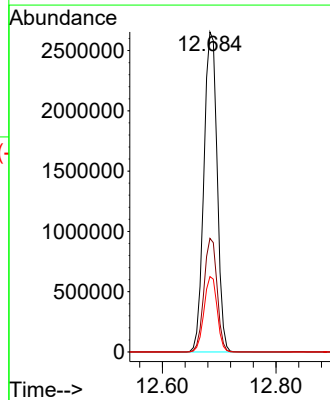
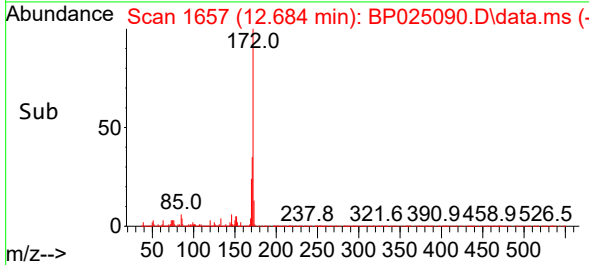
Tgt Ion: 330 Resp: 1262136  
 Ion Ratio Lower Upper  
 330 100  
 332 97.1 77.7 116.5  
 141 31.2 26.0 39.0

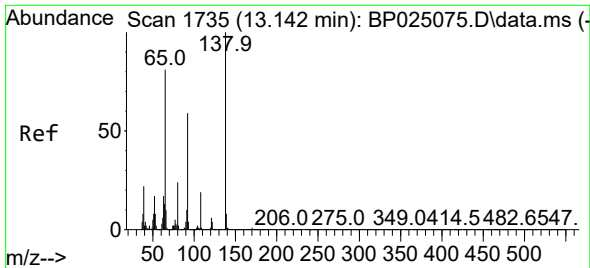


#45  
 2-Fluorobiphenyl  
 Concen: 49.036 ng  
 RT: 12.684 min Scan# 1657  
 Delta R.T. -0.012 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44



Tgt Ion: 172 Resp: 4296056  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.2 42.2  
 170 23.5 18.7 28.1



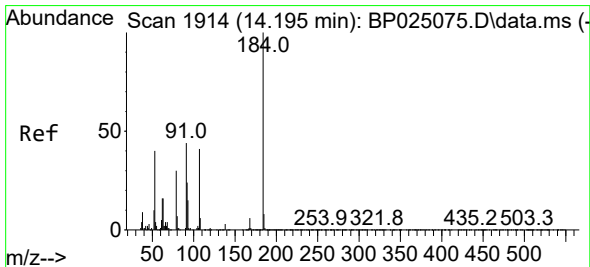
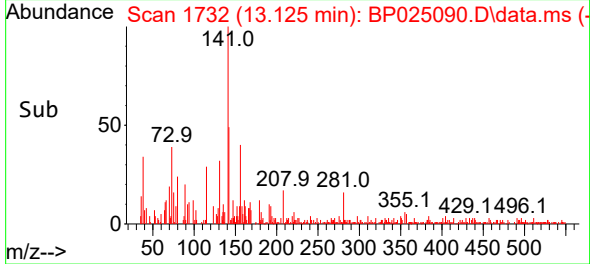
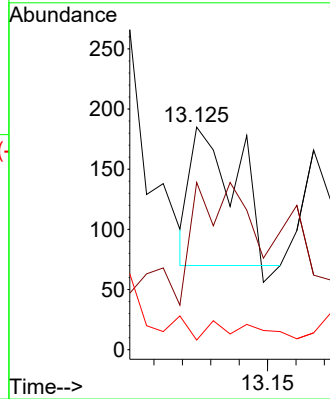
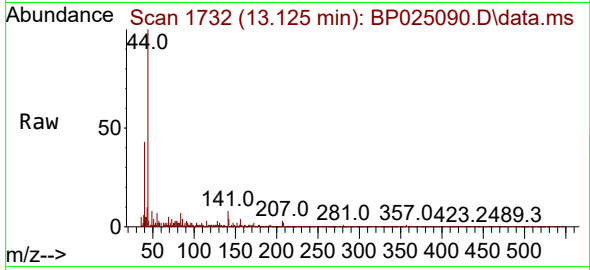


#48  
 2-Nitroaniline  
 Concen: 2.771 ng  
 RT: 13.125 min Scan# 11  
 Delta R.T. -0.017 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

Tgt Ion: 65 Resp: 125

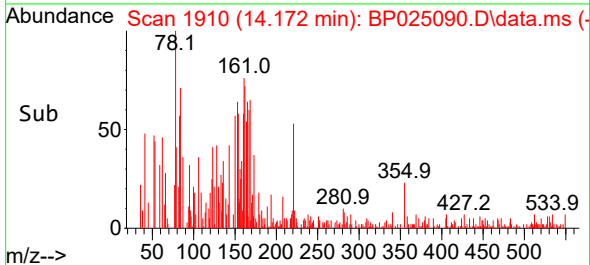
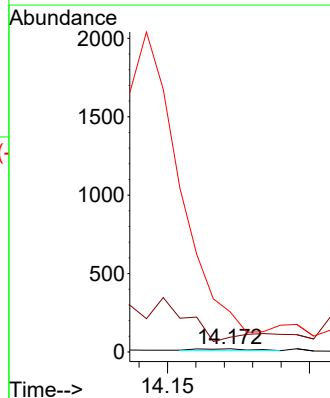
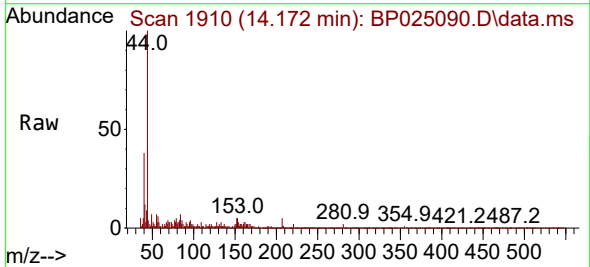
Ion	Ratio	Lower	Upper
65	100		
92	75.1	58.7	88.1
138	4.3	99.0	148.4#



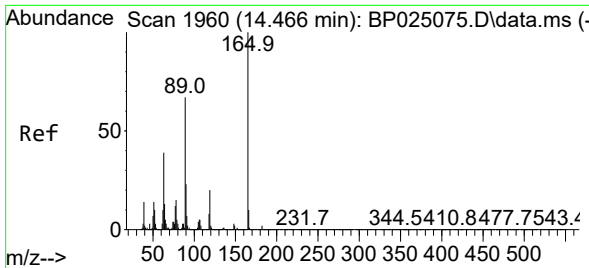
#54  
 2,4-Dinitrophenol  
 Concen: 5.387 ng  
 RT: 14.172 min Scan# 1910  
 Delta R.T. -0.023 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion: 184 Resp: 17

Ion	Ratio	Lower	Upper
184	100		
63	380.0	47.4	71.0#
154	853.3	47.8	71.8#

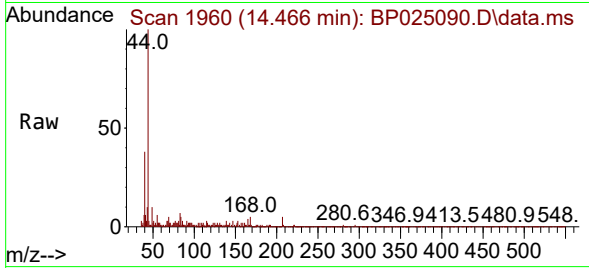






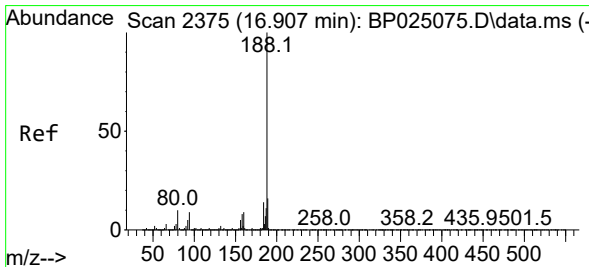
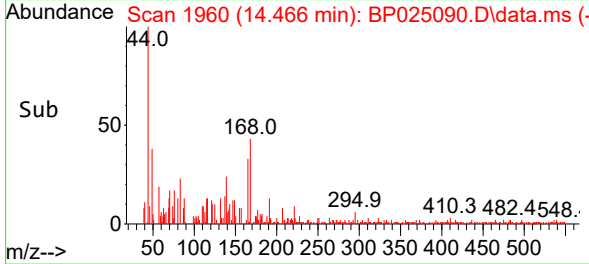
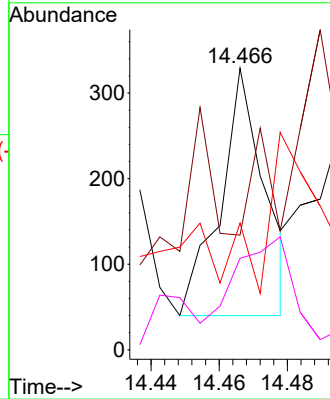
#57  
 2,4-Dinitrotoluene  
 Concen: 2.646 ng  
 RT: 14.466 min Scan# 1960  
 Delta R.T. 0.000 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument : BNA\_P  
 ClientSampleId : TP-91



Tgt Ion:165 Resp: 261

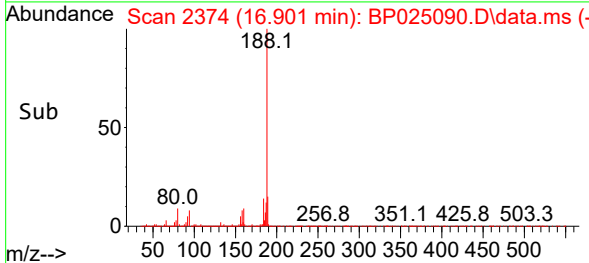
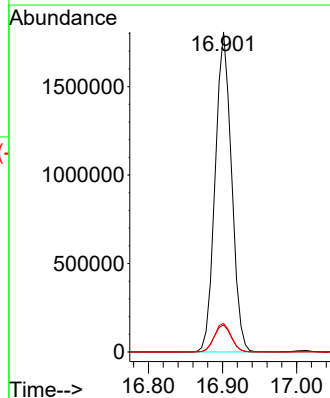
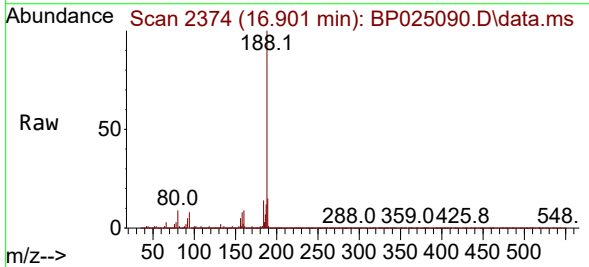
Ion	Ratio	Lower	Upper
165	100		
63	40.7	31.0	46.4
89	45.0	53.4	80.0#
182	32.5	2.0	3.0#

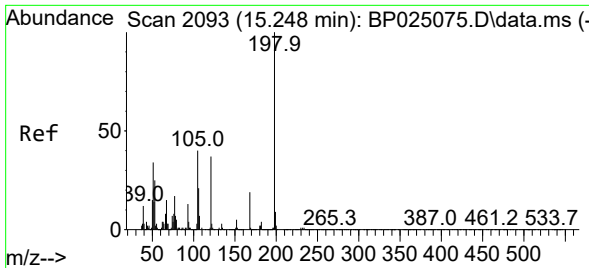


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 16.901 min Scan# 2374  
 Delta R.T. -0.006 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion:188 Resp: 2770425

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.0	7.8	11.6

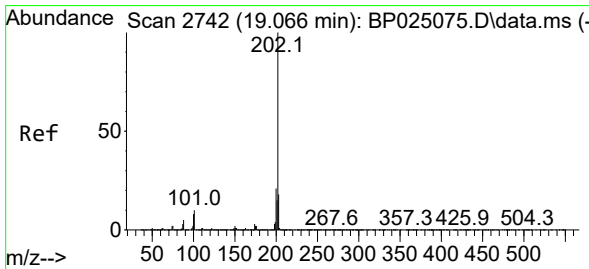
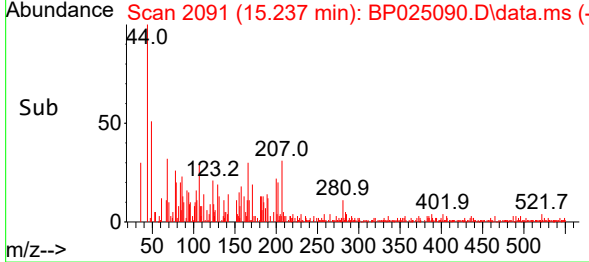
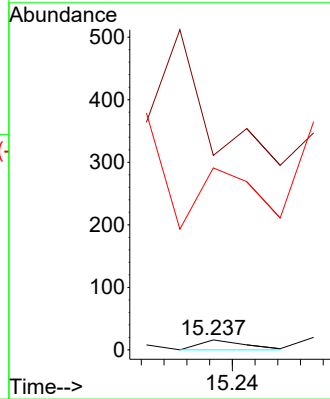
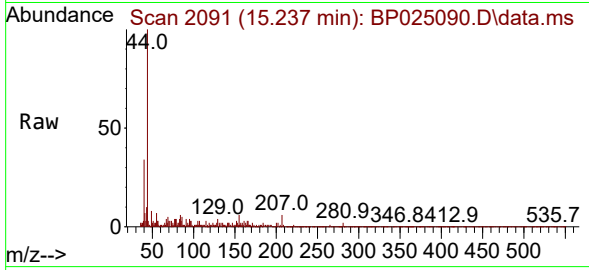




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 5.579 ng  
 RT: 15.237 min Scan# 2091  
 Delta R.T. -0.011 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

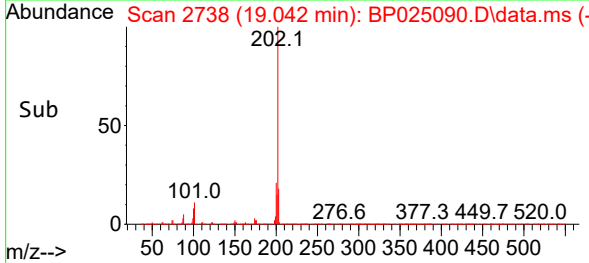
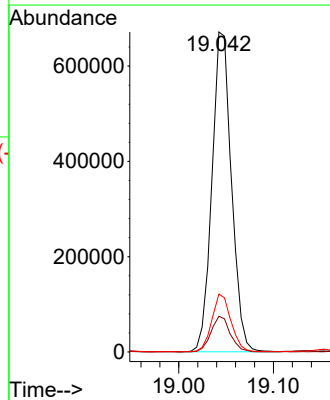
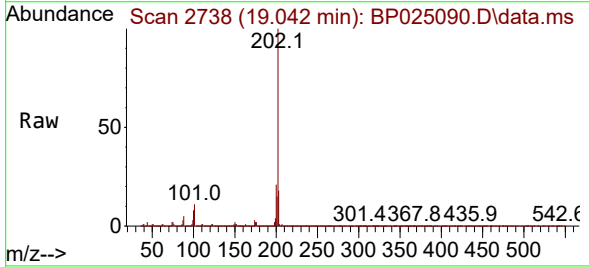
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

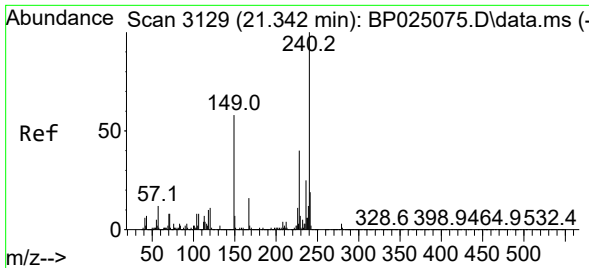
Tgt Ion	Resp	Lower	Upper
198	100		
51	1943.8	16.8	56.8#
105	1818.8	20.8	60.8#



#75  
 Fluoranthene  
 Concen: 5.567 ng  
 RT: 19.042 min Scan# 2738  
 Delta R.T. -0.023 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion	Resp	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	18.1	0.0	37.6

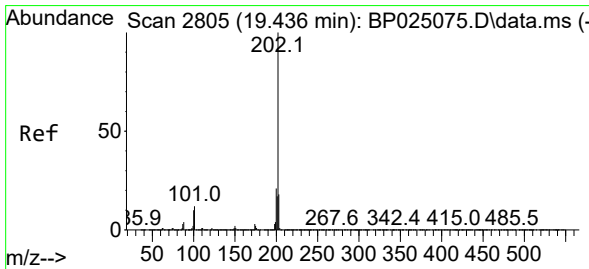
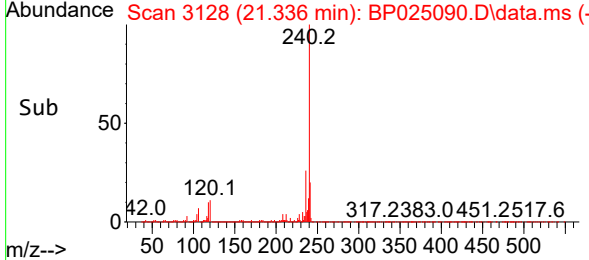
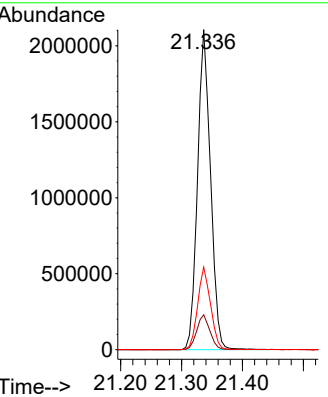
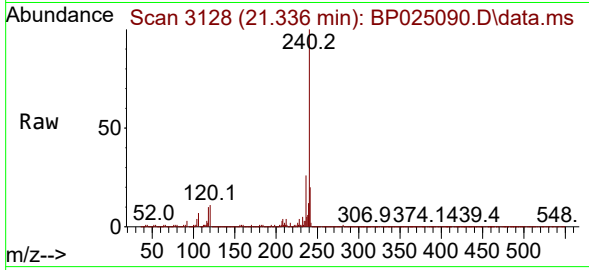




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.336 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

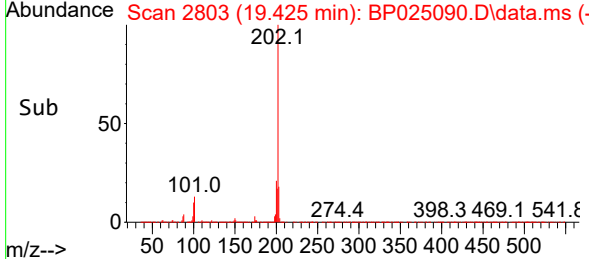
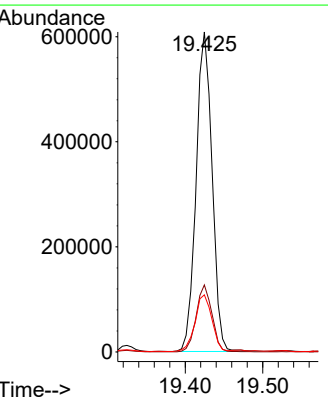
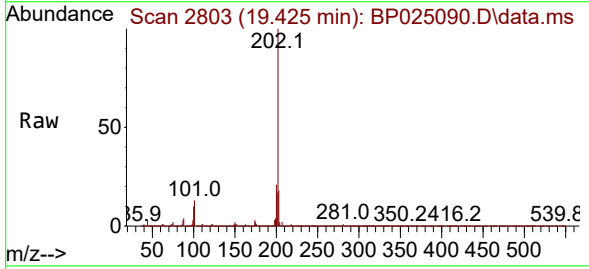
Instrument :  
 BNA\_P  
 Client Sample Id :  
 TP-91

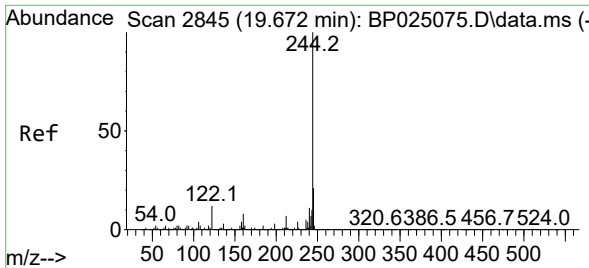
Tgt Ion: 240 Resp: 3117375  
 Ion Ratio Lower Upper  
 240 100  
 120 10.9 9.0 13.4  
 236 25.8 20.3 30.5



#78  
 Pyrene  
 Concen: 4.512 ng  
 RT: 19.425 min Scan# 2803  
 Delta R.T. -0.012 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion: 202 Resp: 871177  
 Ion Ratio Lower Upper  
 202 100  
 200 21.0 17.1 25.7  
 203 17.9 14.1 21.1

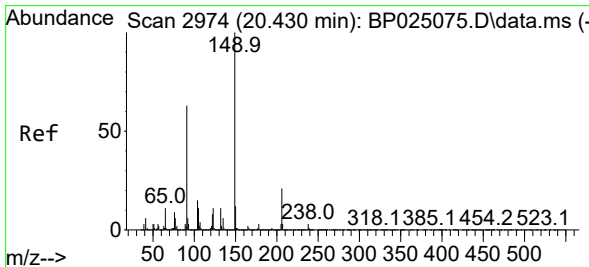
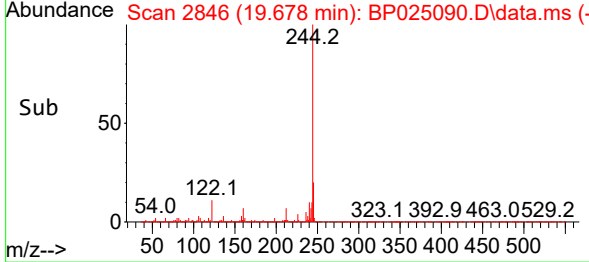
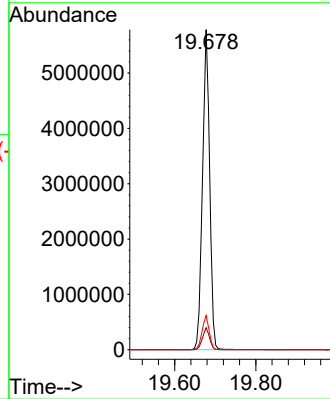
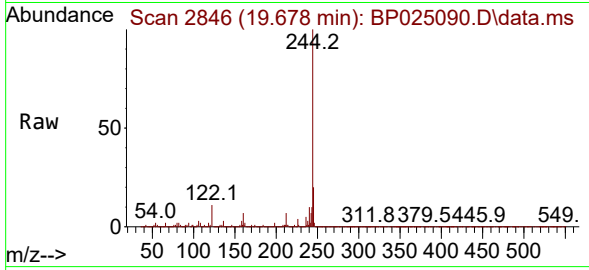




#79  
 Terphenyl-d14  
 Concen: 49.614 ng  
 RT: 19.678 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

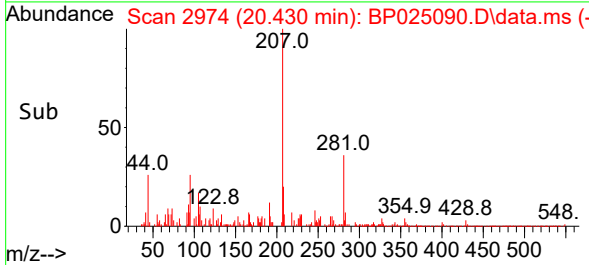
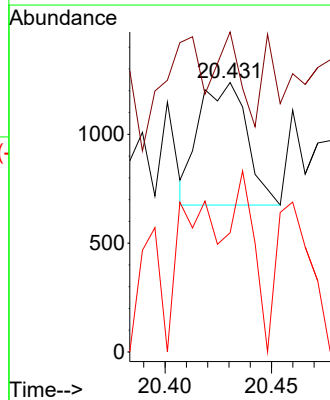
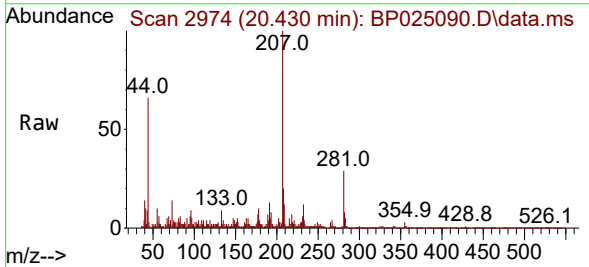
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

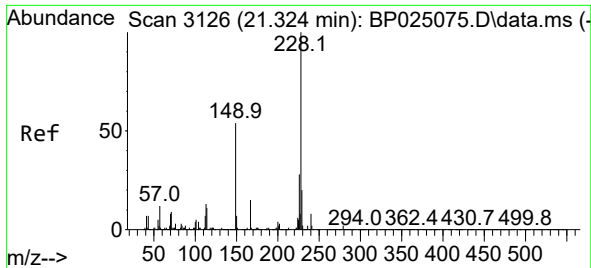
Tgt Ion:244 Resp: 7037354  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.9 8.9  
 122 10.7 9.4 14.2



#80  
 Butylbenzylphthalate  
 Concen: 3.693 ng  
 RT: 20.430 min Scan# 2974  
 Delta R.T. 0.000 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion:149 Resp: 876  
 Ion Ratio Lower Upper  
 149 100  
 91 118.7 50.6 76.0#  
 206 44.3 17.2 25.8#

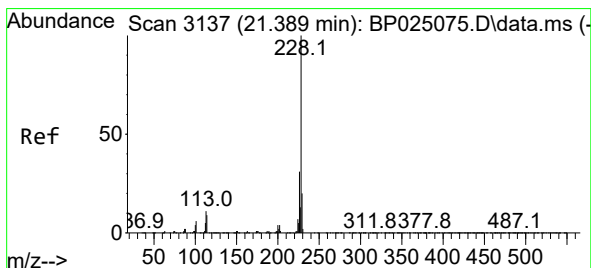
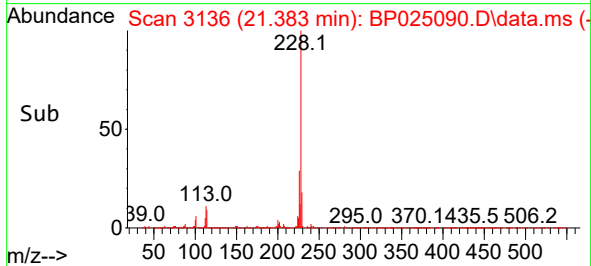
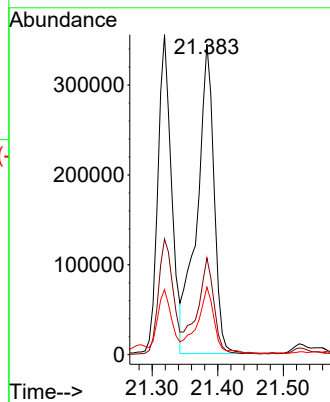
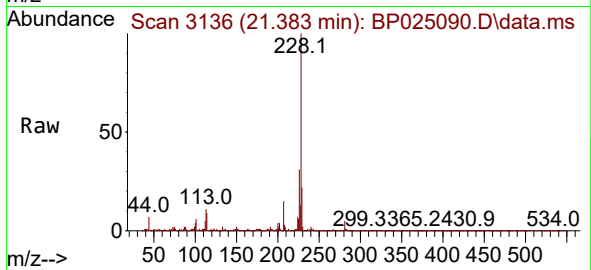




#81  
 Benzo(a)anthracene  
 Concen: 3.297 ng  
 RT: 21.383 min Scan# 3136  
 Delta R.T. 0.059 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

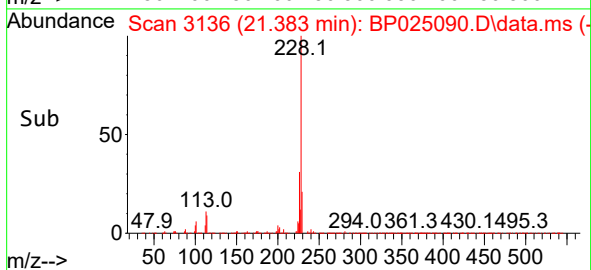
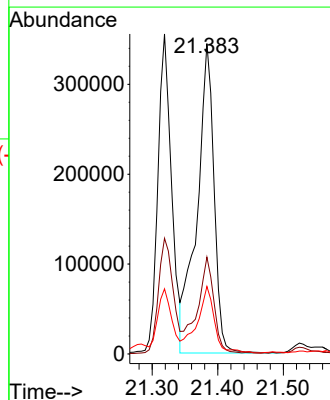
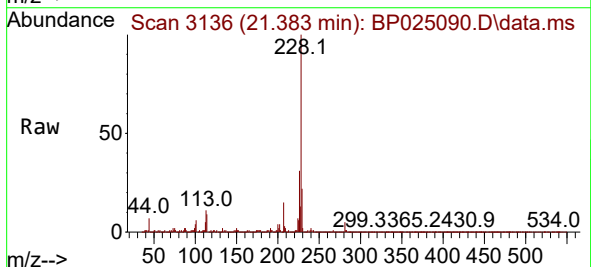
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

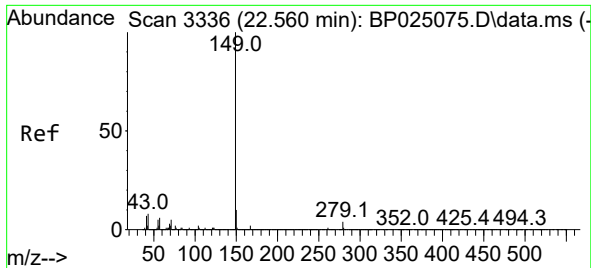
Tgt Ion:228 Resp: 622886  
 Ion Ratio Lower Upper  
 228 100  
 226 31.2 22.1 33.1  
 229 21.8 16.0 24.0



#83  
 Chrysene  
 Concen: 3.430 ng  
 RT: 21.383 min Scan# 3136  
 Delta R.T. -0.006 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion:228 Resp: 623611  
 Ion Ratio Lower Upper  
 228 100  
 226 31.2 24.4 36.6  
 229 21.8 16.0 24.0



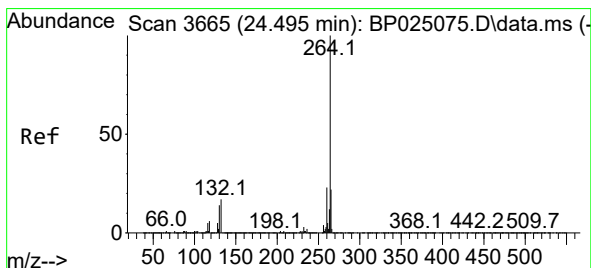
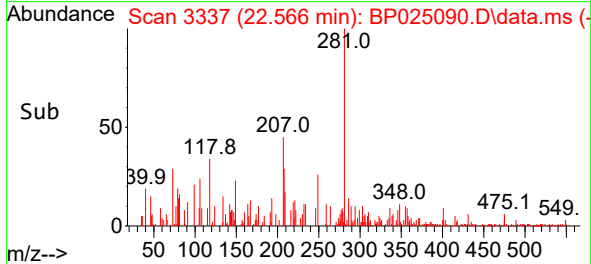
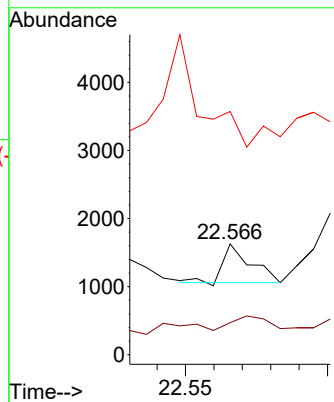
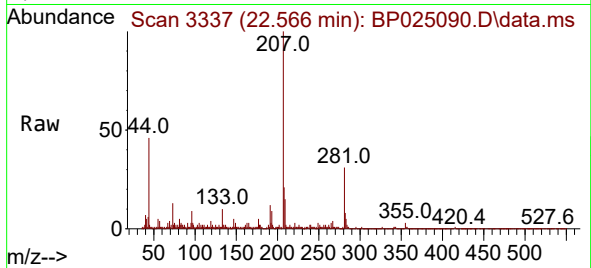


#85  
 Di-n-octyl phthalate  
 Concen: 6.101 ng  
 RT: 22.566 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

Tgt Ion:149 Resp: 388

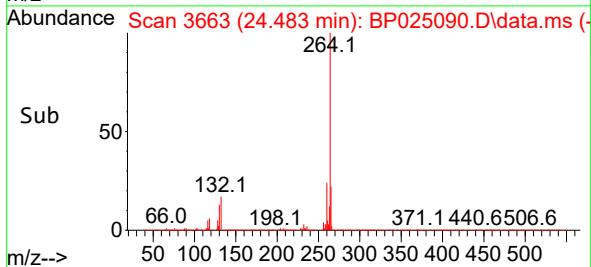
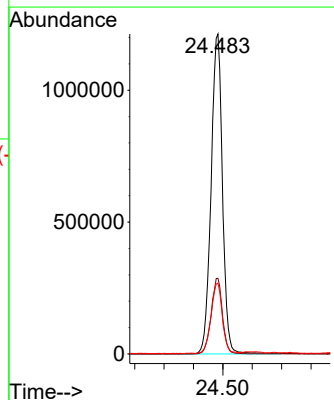
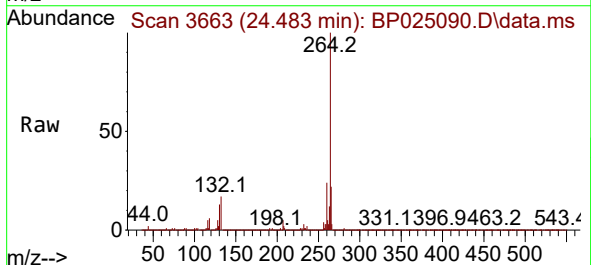
Ion	Ratio	Lower	Upper
149	100		
167	68.0	1.3	1.9#
43	0.0	6.9	10.3#

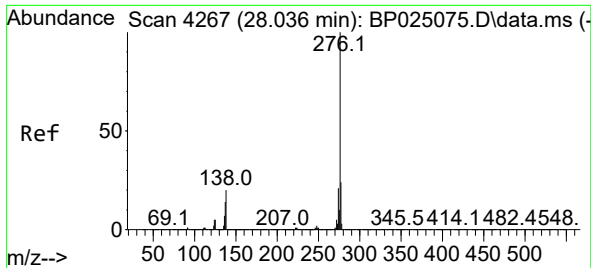


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.483 min Scan# 3663  
 Delta R.T. -0.012 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion:264 Resp: 3248937

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.7	26.5



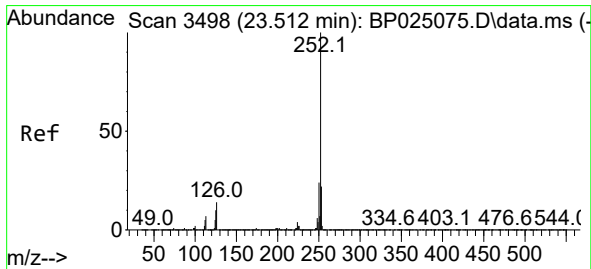
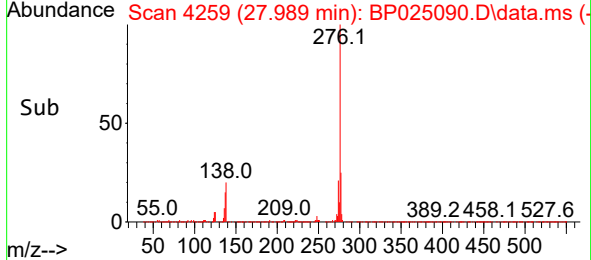
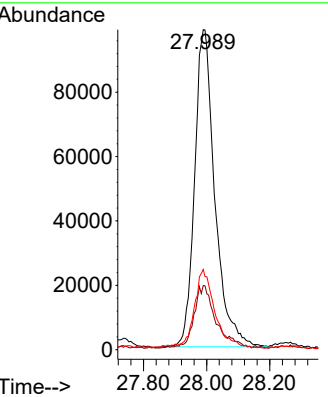
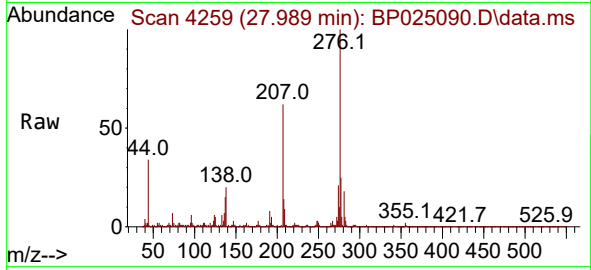


#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.120 ng  
 RT: 27.989 min Scan# 41  
 Delta R.T. -0.047 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument :  
 BNA\_P  
 Client Sample Id :  
 TP-91

Tgt Ion: 276 Resp: 438696

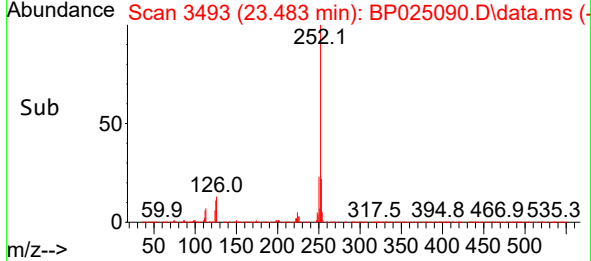
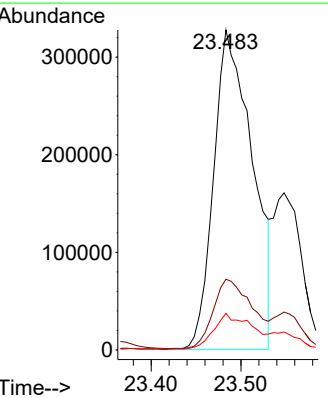
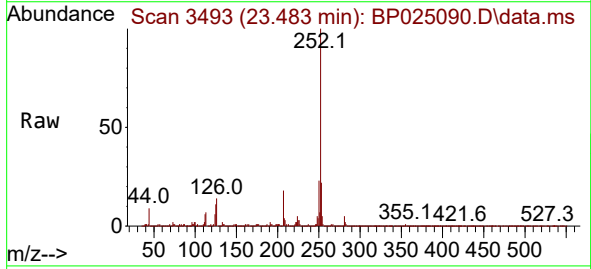
Ion	Ratio	Lower	Upper
276	100		
138	21.1	13.0	19.6#
277	24.6	15.9	23.9#

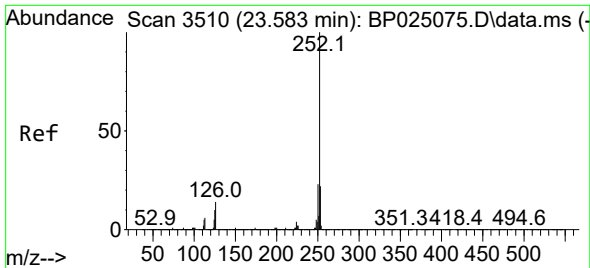


#88  
 Benzo(b)fluoranthene  
 Concen: 5.202 ng  
 RT: 23.483 min Scan# 3493  
 Delta R.T. -0.029 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion: 252 Resp: 983678

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.5	8.1	12.1



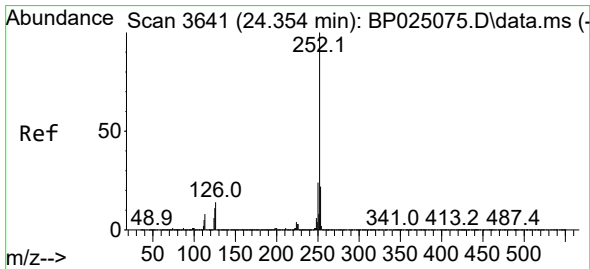
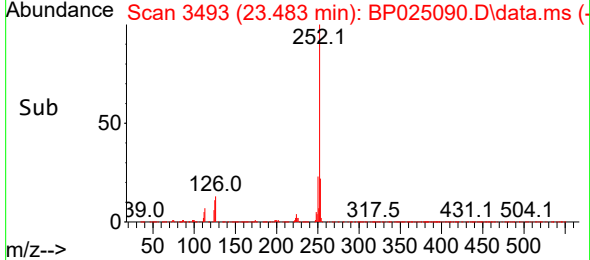
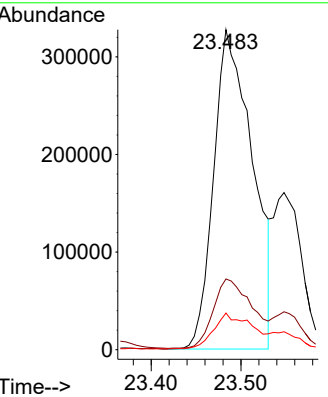
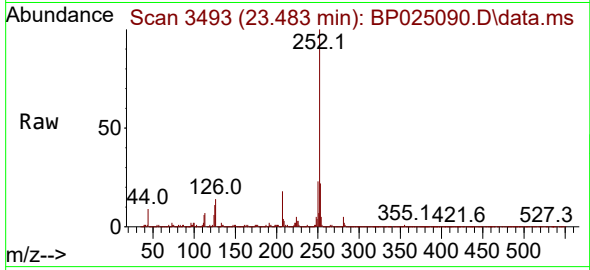


#89  
 Benzo(k)fluoranthene  
 Concen: 5.228 ng  
 RT: 23.483 min Scan# 34  
 Delta R.T. -0.100 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

Tgt Ion:252 Resp: 983678

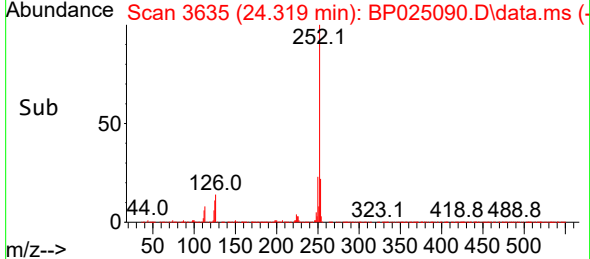
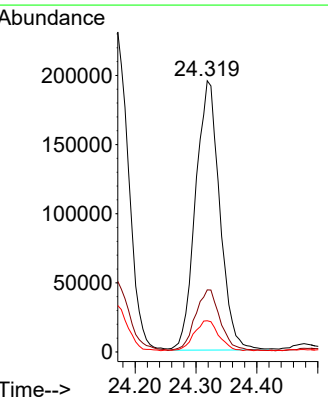
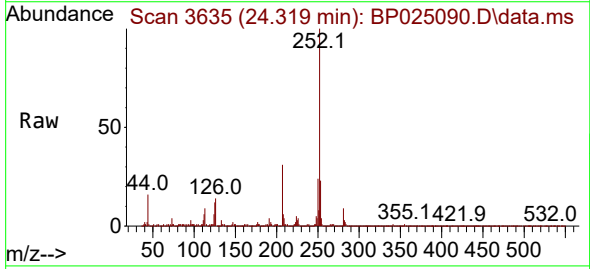
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.5	8.2	12.2



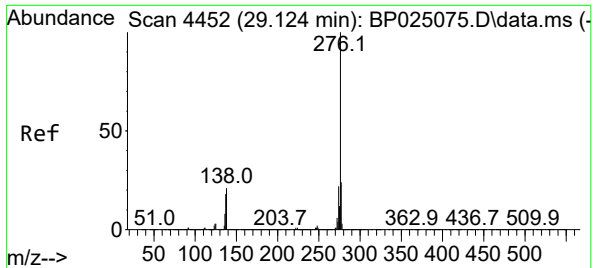
#90  
 Benzo(a)pyrene  
 Concen: 3.337 ng  
 RT: 24.319 min Scan# 3635  
 Delta R.T. -0.035 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Tgt Ion:252 Resp: 537106

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.5	9.0	13.4







#92  
 Benzo(g,h,i)perylene  
 Concen: 2.261 ng  
 RT: 29.071 min Scan# 44  
 Delta R.T. -0.053 min  
 Lab File: BP025090.D  
 Acq: 10 Jul 2025 19:44

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-91

Tgt Ion: 276 Resp: 399582

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	22.9	16.9	25.3

