

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071025\  
 Data File : BP025089.D  
 Acq On : 10 Jul 2025 19:03  
 Operator : CG/JU  
 Sample : Q2529-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

Quant Time: Jul 11 02:31:33 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

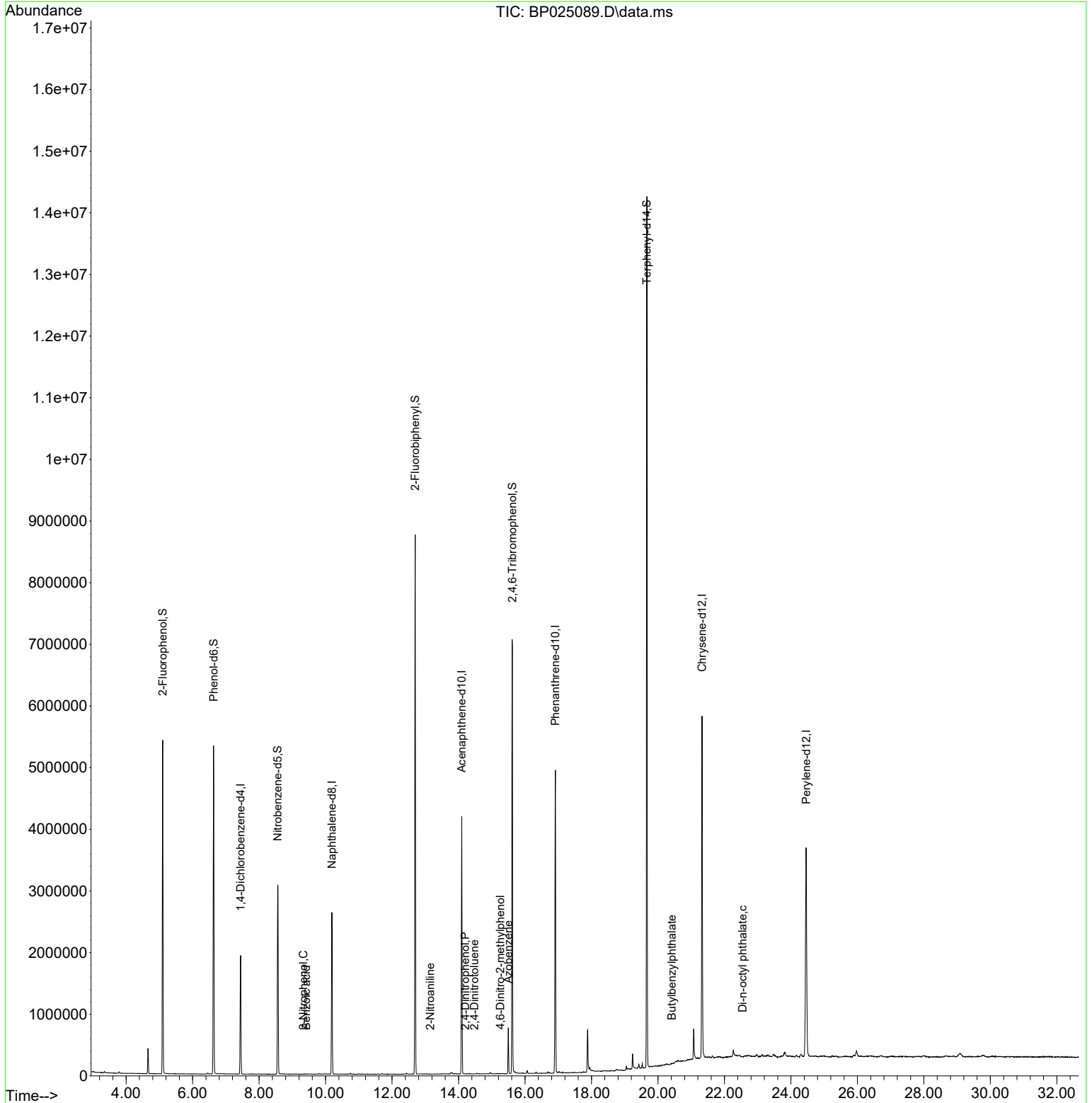
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	552278	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2209292	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1404886	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2847974	20.000	ng	0.00
76) Chrysene-d12	21.324	240	3149269	20.000	ng	-0.02
86) Perylene-d12	24.460	264	3314385	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2398498	76.950	ng	0.00
7) Phenol-d6	6.631	99	3081074	75.747	ng	0.00
23) Nitrobenzene-d5	8.560	82	1790599	53.901	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1403652	84.576	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	4326211	47.705	ng	0.00
79) Terphenyl-d14	19.666	244	7121920	49.702	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.331	139	30	3.303	ng	# 1
32) Benzoic acid	9.413	122	742	6.231	ng	91
48) 2-Nitroaniline	13.148	65	344	2.782	ng	# 16
54) 2,4-Dinitrophenol	14.201	184	33	5.388	ng	# 1
57) 2,4-Dinitrotoluene	14.472	165	201	2.644	ng	# 51
63) Azobenzene	15.495	77	194491	2.211	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.260	198	20	5.580	ng	# 1
80) Butylbenzylphthalate	20.413	149	1414	3.699	ng	# 75
85) Di-n-octyl phthalate	22.548	149	402	6.101	ng	# 1

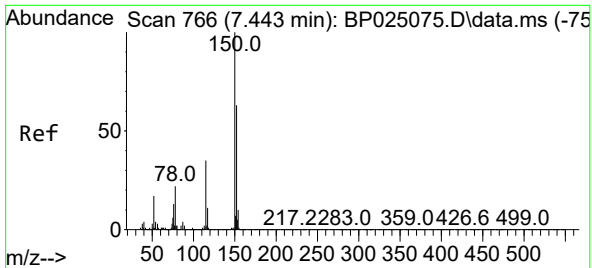
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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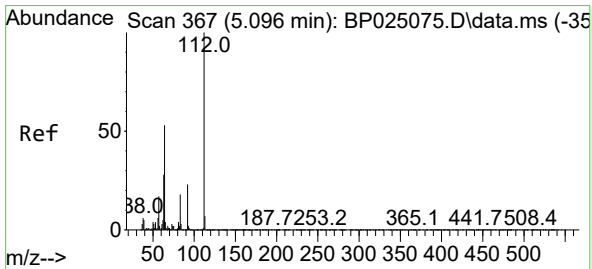
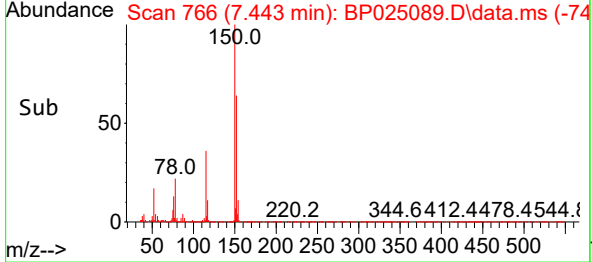
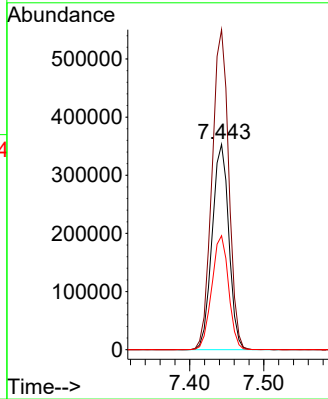
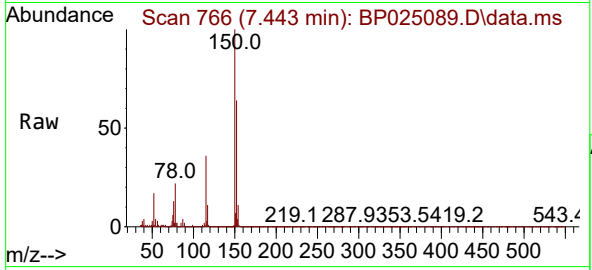




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.443 min Scan# 70  
 Delta R.T. -0.000 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

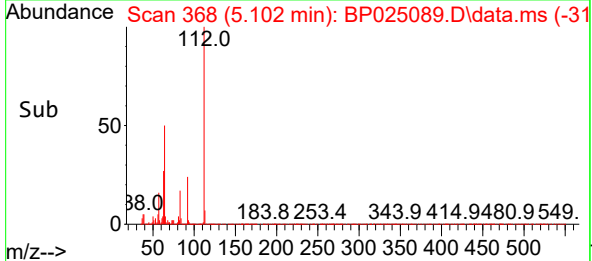
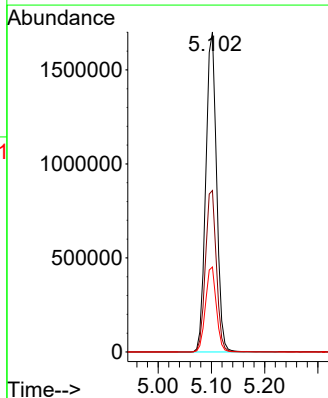
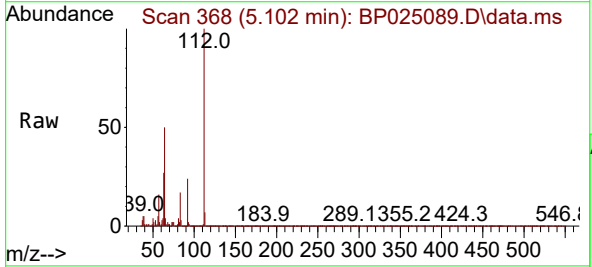
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

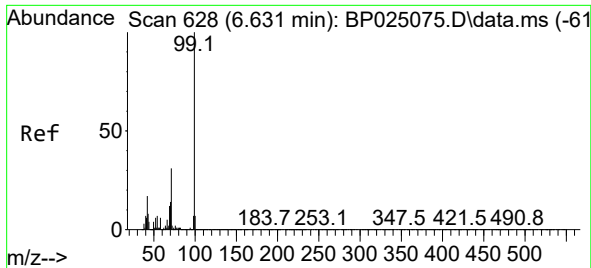
Tgt Ion:152 Resp: 552278  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 126.1 189.1  
 115 55.5 44.3 66.5



#5  
 2-Fluorophenol  
 Concen: 76.950 ng  
 RT: 5.102 min Scan# 368  
 Delta R.T. 0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion:112 Resp: 2398498  
 Ion Ratio Lower Upper  
 112 100  
 64 50.5 42.0 63.0  
 63 26.6 22.2 33.2



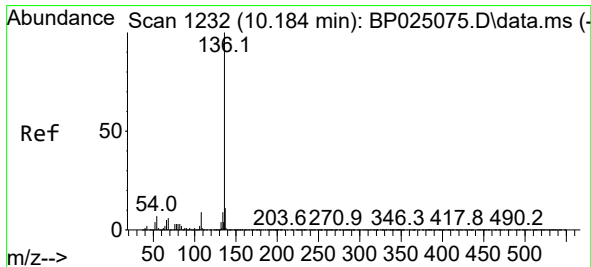
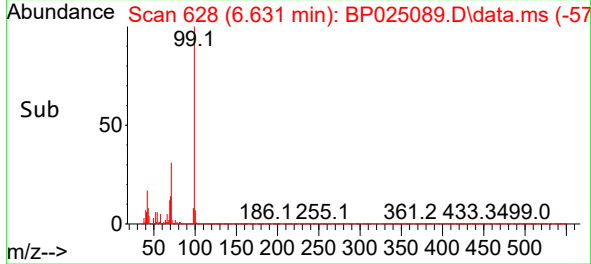
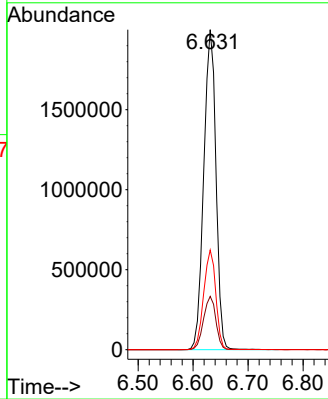
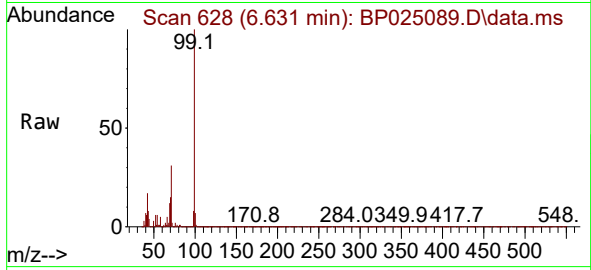


#7  
 Phenol-d6  
 Concen: 75.747 ng  
 RT: 6.631 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

Tgt Ion: 99 Resp: 3081074

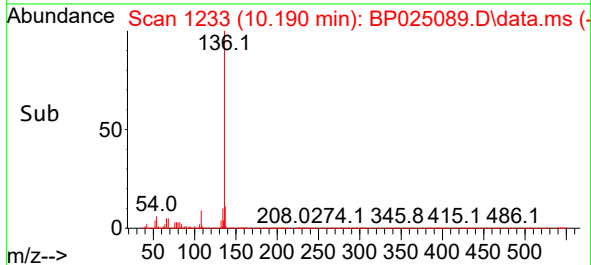
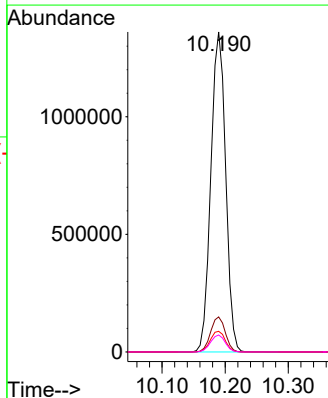
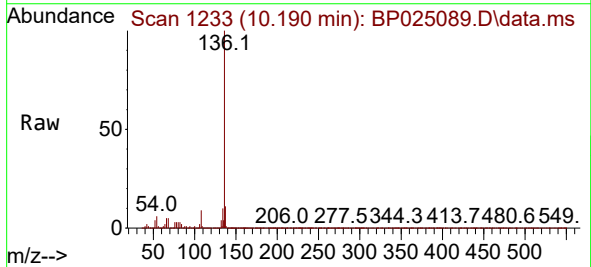
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	31.2	24.4	36.6

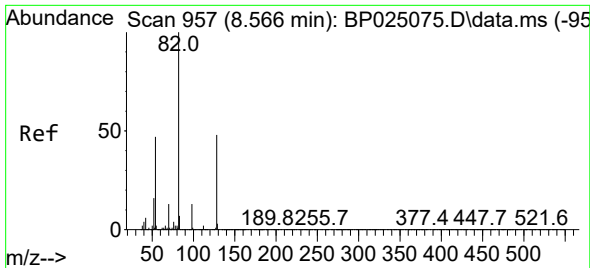


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.190 min Scan# 1233  
 Delta R.T. 0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion: 136 Resp: 2209292

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.4	5.4	8.2
68	5.3	4.5	6.7



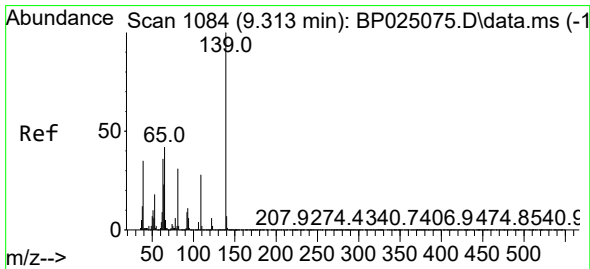
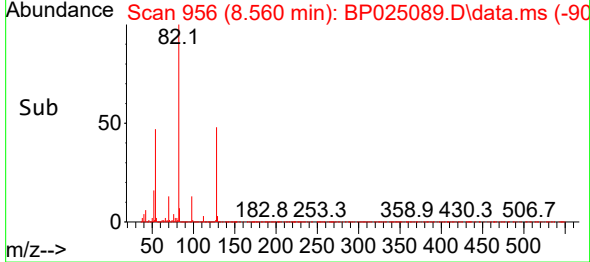
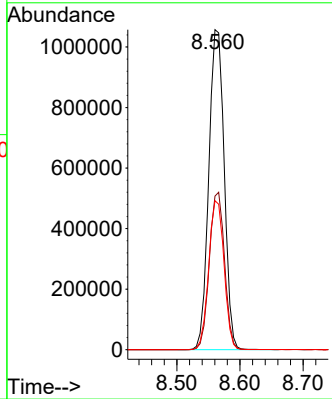
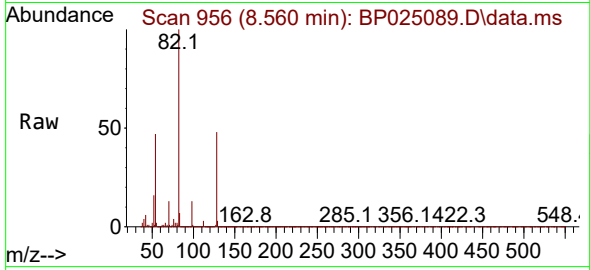


#23  
 Nitrobenzene-d5  
 Concen: 53.901 ng  
 RT: 8.560 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Instrument :  
 BNA\_P  
 Client Sample Id :  
 TP-95

Tgt Ion: 82 Resp: 1790599

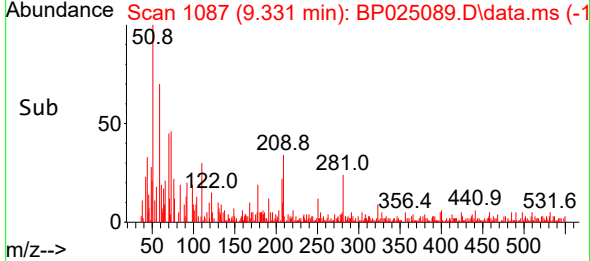
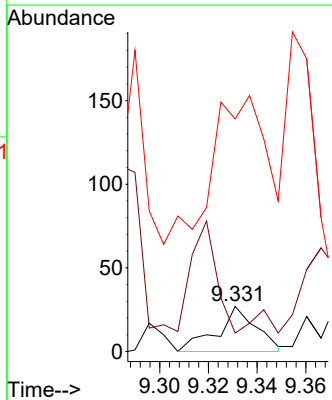
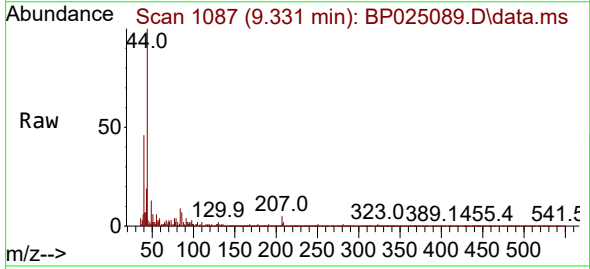
Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.4	57.6
54	46.6	37.8	56.6

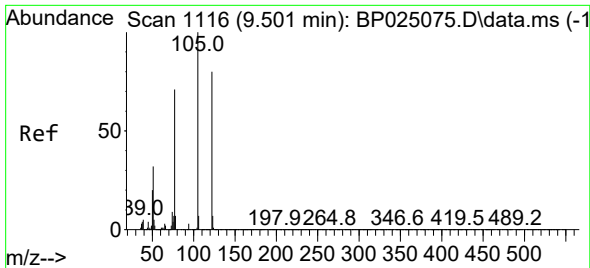


#26  
 2-Nitrophenol  
 Concen: 3.303 ng  
 RT: 9.331 min Scan# 1087  
 Delta R.T. 0.018 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion: 139 Resp: 30

Ion	Ratio	Lower	Upper
139	100		
109	40.7	22.3	33.5#
65	514.8	33.8	50.8#

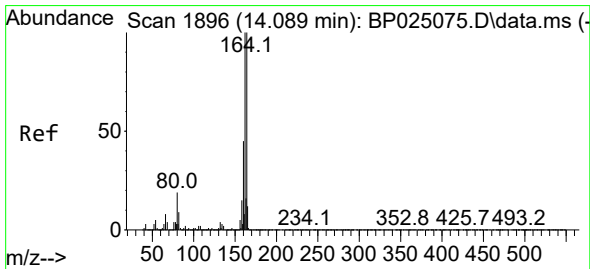
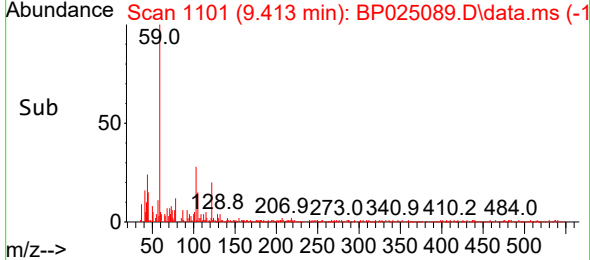
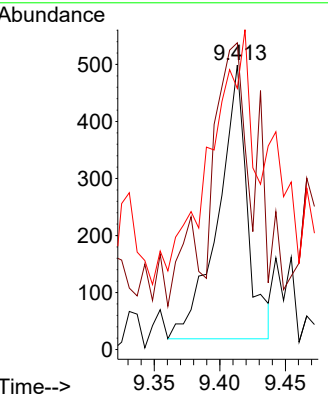
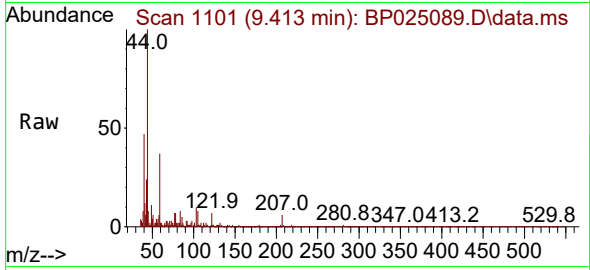




#32  
 Benzoic acid  
 Concen: 6.231 ng  
 RT: 9.413 min Scan# 1116  
 Delta R.T. -0.088 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

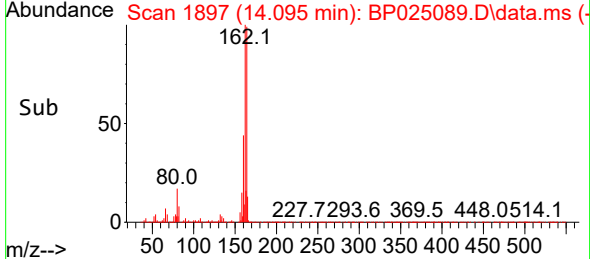
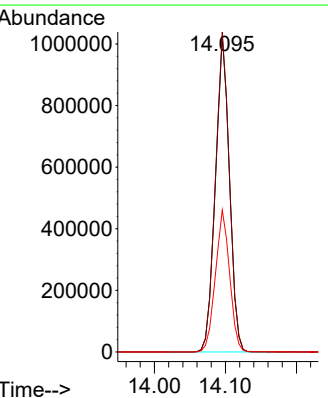
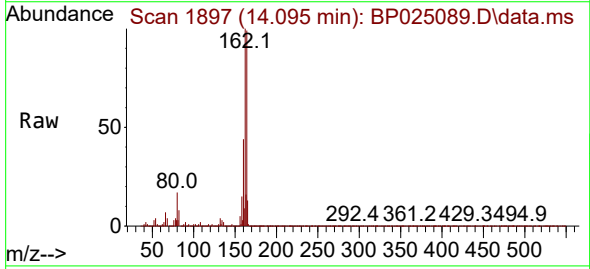
Instrument : BNA\_P  
 Client Sample Id : TP-95

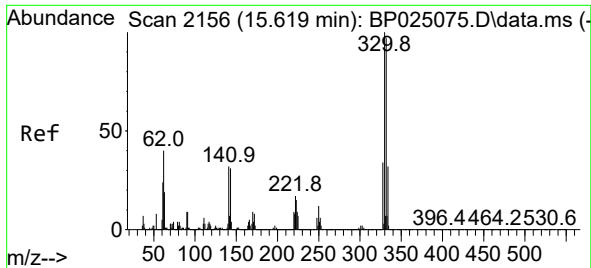
Tgt Ion	Resp	Lower	Upper
122	742		
105	107.8	101.0	141.0
77	91.8	67.6	107.6



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.095 min Scan# 1897  
 Delta R.T. 0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion	Resp	Lower	Upper
164	1404886		
162	101.2	80.3	120.5
160	44.9	35.9	53.9



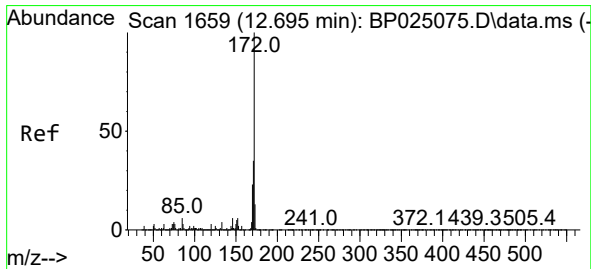
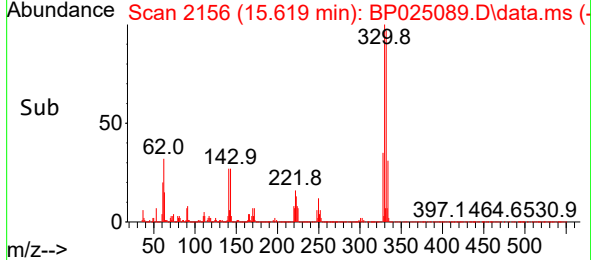
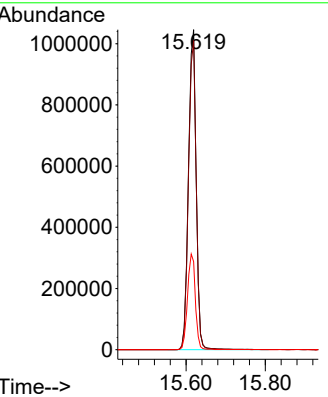
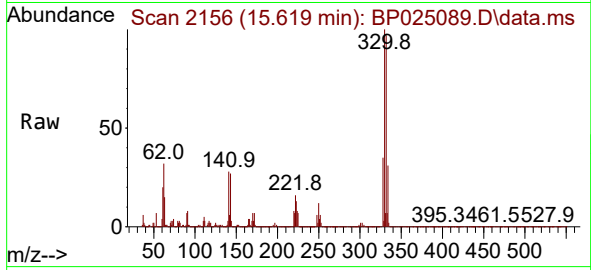


#42  
 2,4,6-Tribromophenol  
 Concen: 84.576 ng  
 RT: 15.619 min Scan# 2156  
 Delta R.T. 0.000 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

Tgt Ion:330 Resp: 1403652

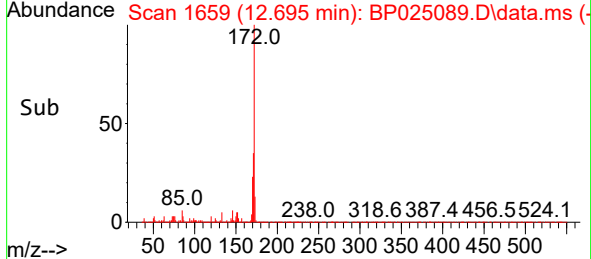
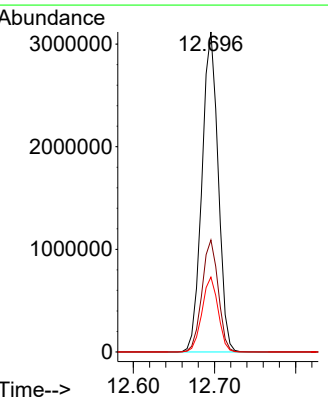
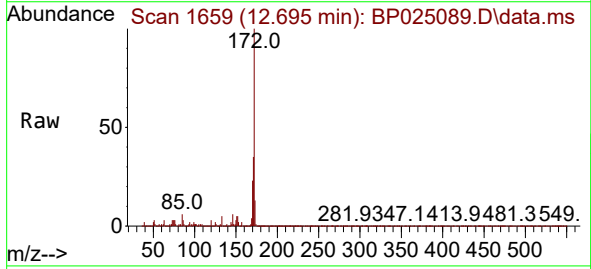
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	30.5	26.0	39.0

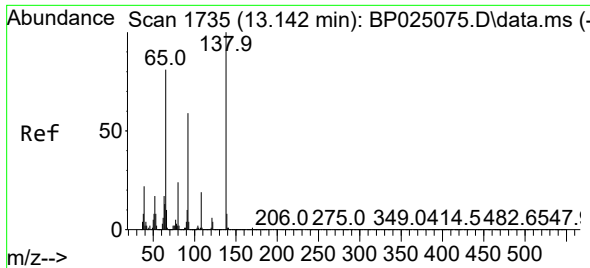


#45  
 2-Fluorobiphenyl  
 Concen: 47.705 ng  
 RT: 12.695 min Scan# 1659  
 Delta R.T. 0.000 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion:172 Resp: 4326211

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.4	18.7	28.1



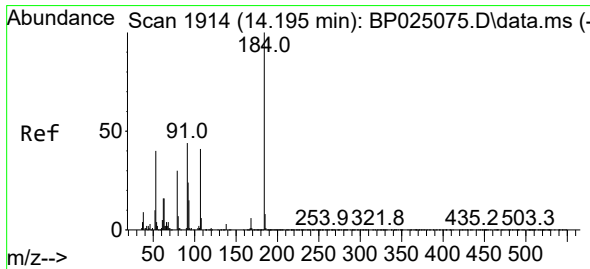
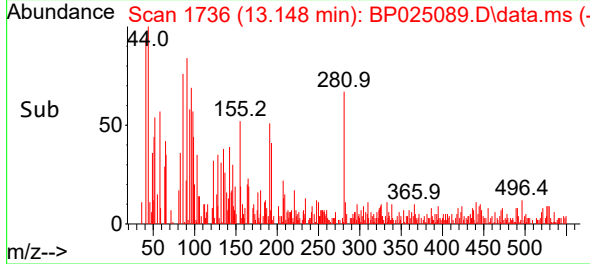
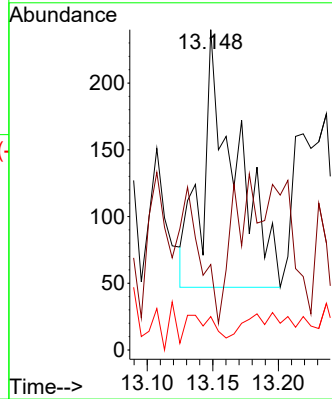
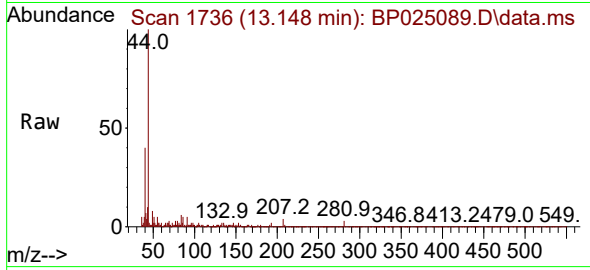


#48  
 2-Nitroaniline  
 Concen: 2.782 ng  
 RT: 13.148 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

Tgt Ion: 65 Resp: 344

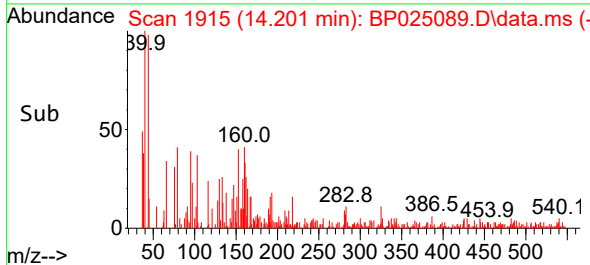
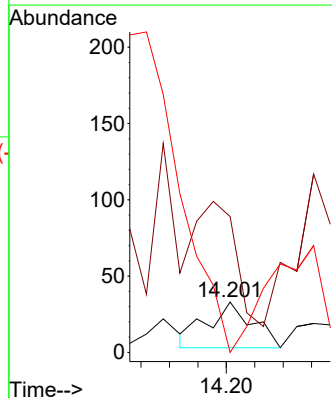
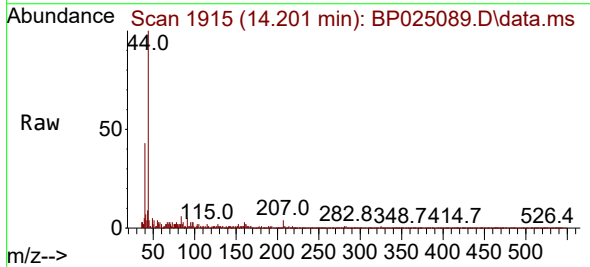
Ion	Ratio	Lower	Upper
65	100		
92	26.7	58.7	88.1#
138	10.4	99.0	148.4#



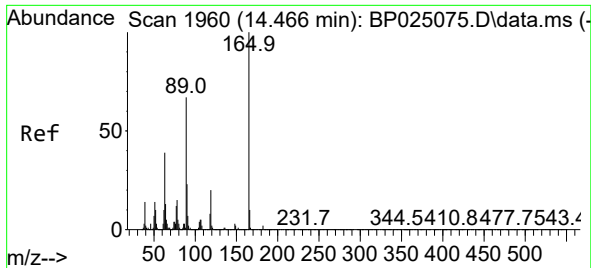
#54  
 2,4-Dinitrophenol  
 Concen: 5.388 ng  
 RT: 14.201 min Scan# 1915  
 Delta R.T. 0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion: 184 Resp: 33

Ion	Ratio	Lower	Upper
184	100		
63	269.7	47.4	71.0#
154	0.0	47.8	71.8#

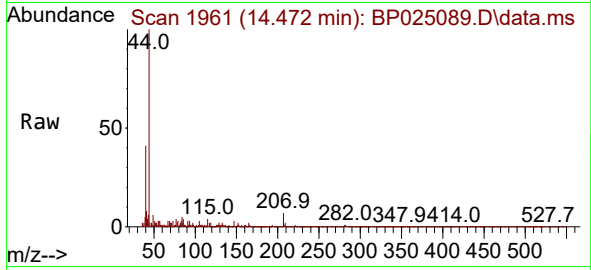






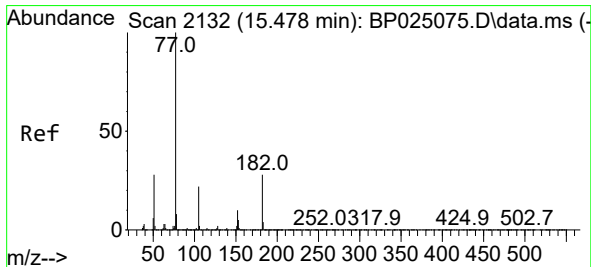
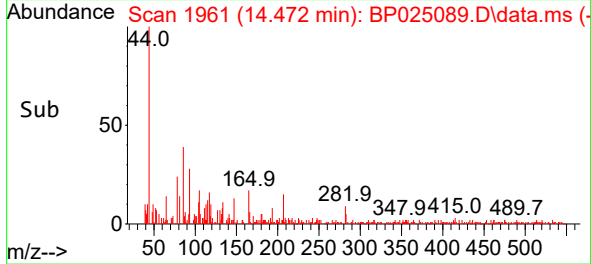
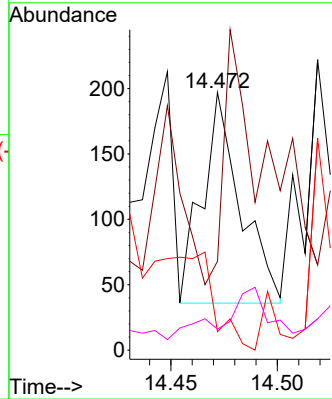
#57  
 2,4-Dinitrotoluene  
 Concen: 2.644 ng  
 RT: 14.472 min Scan# 1961  
 Delta R.T. 0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

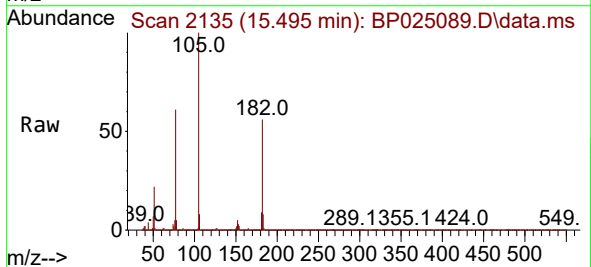


Tgt Ion:165 Resp: 201

Ion	Ratio	Lower	Upper
165	100		
63	34.5	31.0	46.4
89	7.1	53.4	80.0#
182	8.1	2.0	3.0#

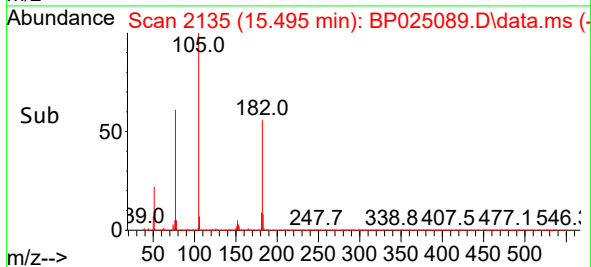
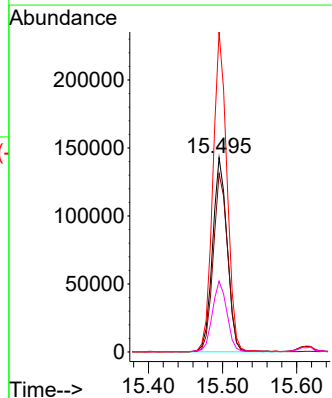


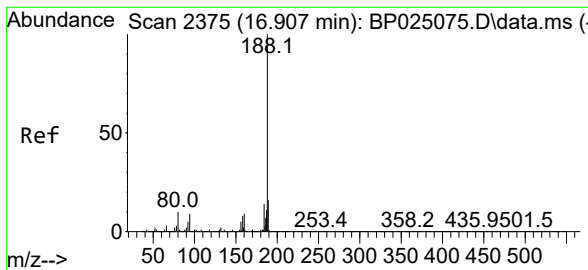
#63  
 Azobenzene  
 Concen: 2.211 ng  
 RT: 15.495 min Scan# 2135  
 Delta R.T. 0.018 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03



Tgt Ion: 77 Resp: 194491

Ion	Ratio	Lower	Upper
77	100		
182	91.8	7.7	47.7#
105	164.7	1.9	41.9#
51	36.5	8.2	48.2



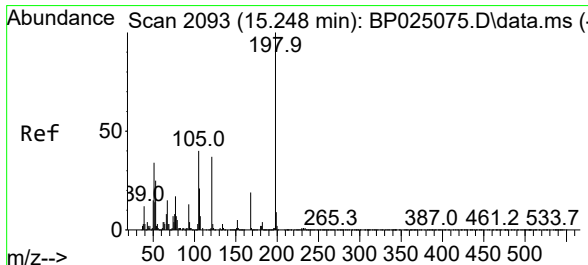
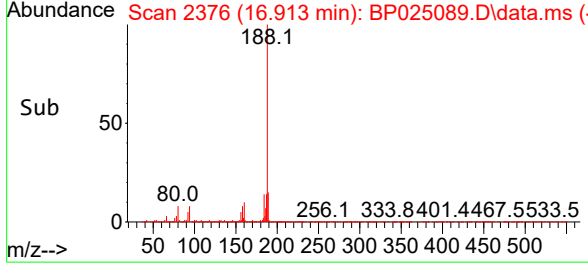
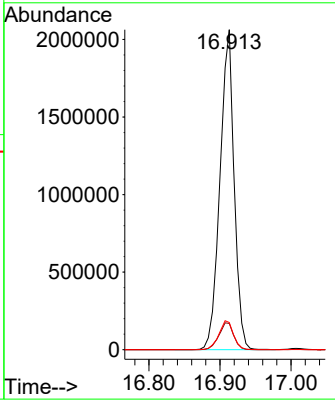
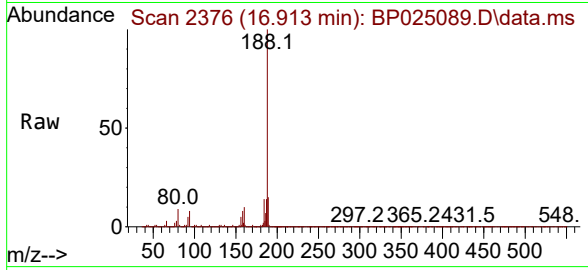


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 16.913 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Instrument : BNA\_P  
 ClientSampleId : TP-95

Tgt Ion:188 Resp: 2847974

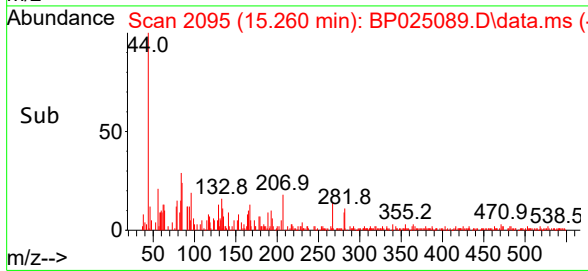
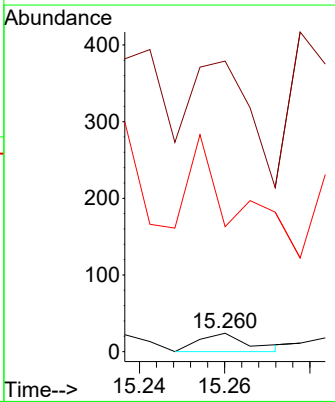
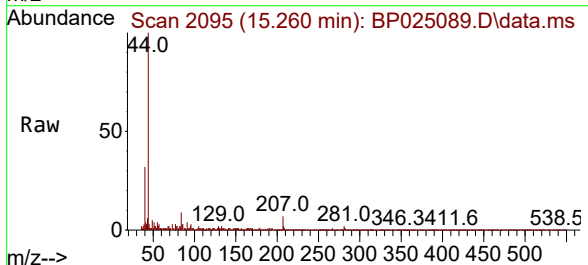
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.3	10.9
80	8.5	7.8	11.6

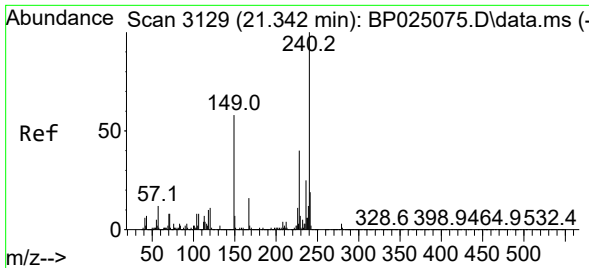


#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 5.580 ng  
 RT: 15.260 min Scan# 2095  
 Delta R.T. 0.012 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion:198 Resp: 20

Ion	Ratio	Lower	Upper
198	100		
51	1579.2	16.8	56.8#
105	679.2	20.8	60.8#



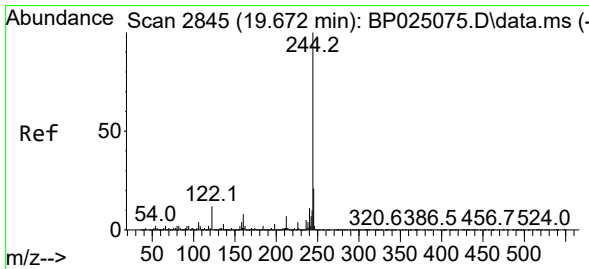
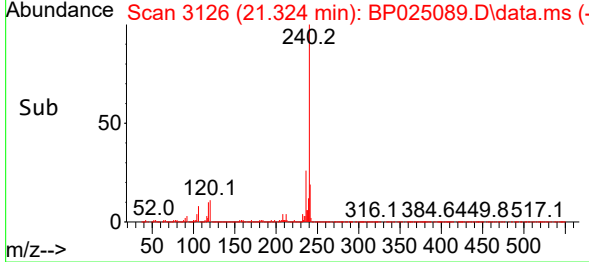
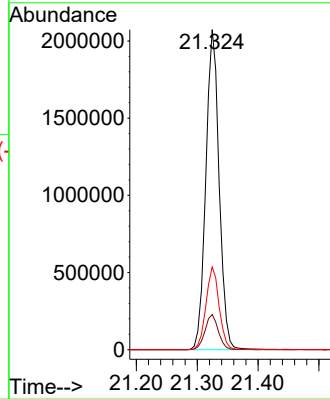
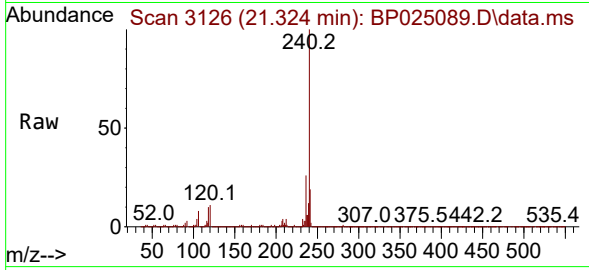


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.324 min Scan# 3126  
 Delta R.T. -0.018 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

Tgt Ion:240 Resp: 3149269

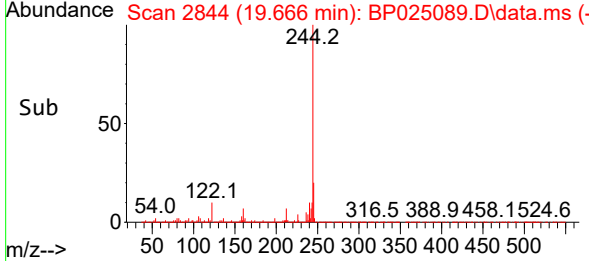
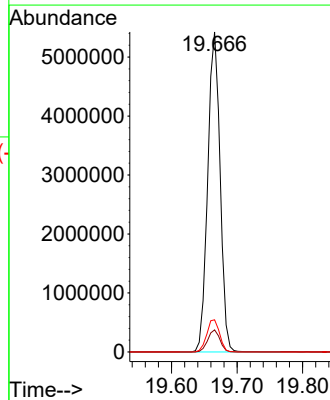
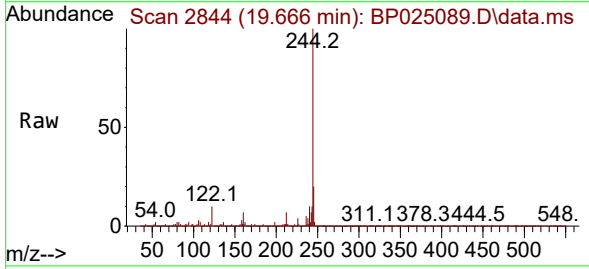
Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	25.8	20.3	30.5

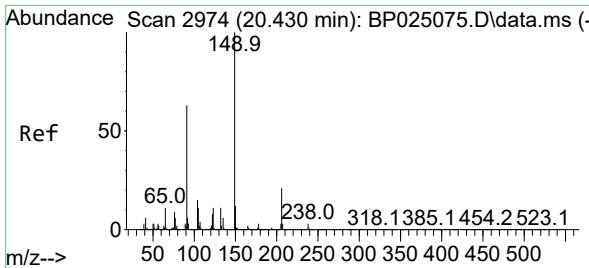


#79  
 Terphenyl-d14  
 Concen: 49.702 ng  
 RT: 19.666 min Scan# 2844  
 Delta R.T. -0.006 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion:244 Resp: 7121920

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.0	9.4	14.2

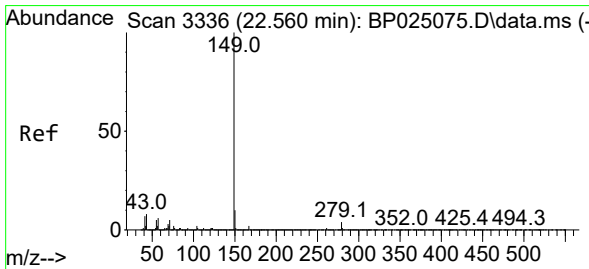
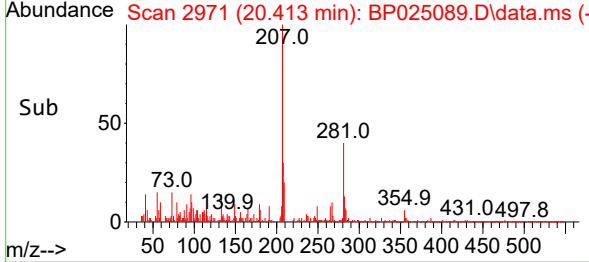
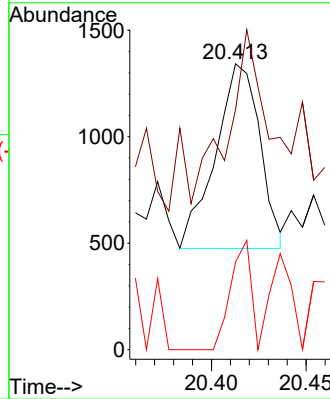
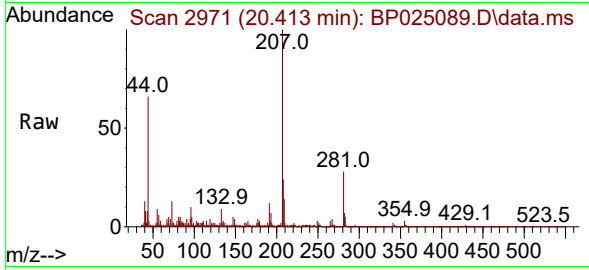




#80  
 Butylbenzylphthalate  
 Concen: 3.699 ng  
 RT: 20.413 min Scan# 20  
 Delta R.T. -0.017 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

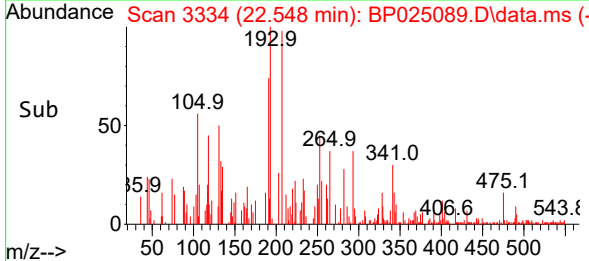
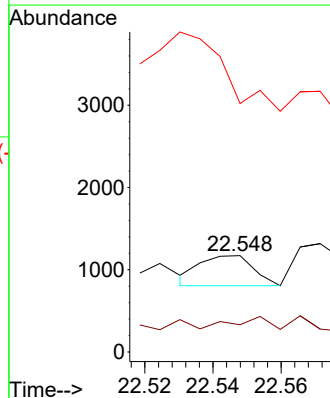
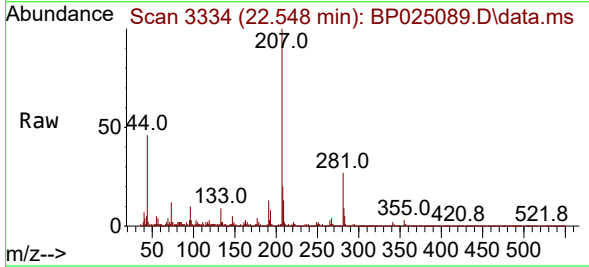
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

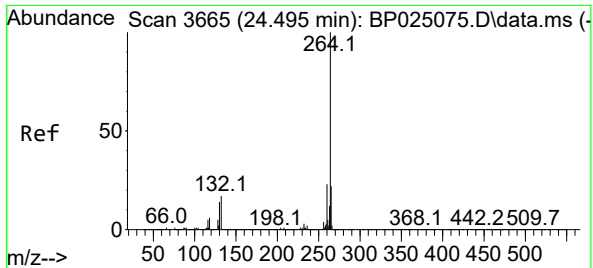
Tgt Ion	Resp	Lower	Upper
149	100		
91	84.0	50.6	76.0#
206	30.7	17.2	25.8#



#85  
 Di-n-octyl phthalate  
 Concen: 6.101 ng  
 RT: 22.548 min Scan# 3334  
 Delta R.T. -0.012 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Tgt Ion	Resp	Lower	Upper
149	100		
167	11.7	1.3	1.9#
43	367.2	6.9	10.3#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.460 min Scan# 30  
 Delta R.T. -0.035 min  
 Lab File: BP025089.D  
 Acq: 10 Jul 2025 19:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-95

Tgt Ion:264 Resp: 3314385

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.0	17.7	26.5

