

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042525\  
 Data File : BP024427.D  
 Acq On : 25 Apr 2025 17:51  
 Operator : RC/JU  
 Sample : Q1869-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-F

Quant Time: Apr 25 23:44:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	168700	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	691897	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	431230	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	873074	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	1039071	20.000	ng	-0.01
86) Perylene-d12	24.904	264	1249210	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	932305	91.377	ng	0.00
7) Phenol-d6	6.905	99	1178728	84.372	ng	0.00
23) Nitrobenzene-d5	8.863	82	714642	58.896	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	622613	104.355	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1639483	58.211	ng	0.00
79) Terphenyl-d14	19.863	244	3056155	59.285	ng	-0.01

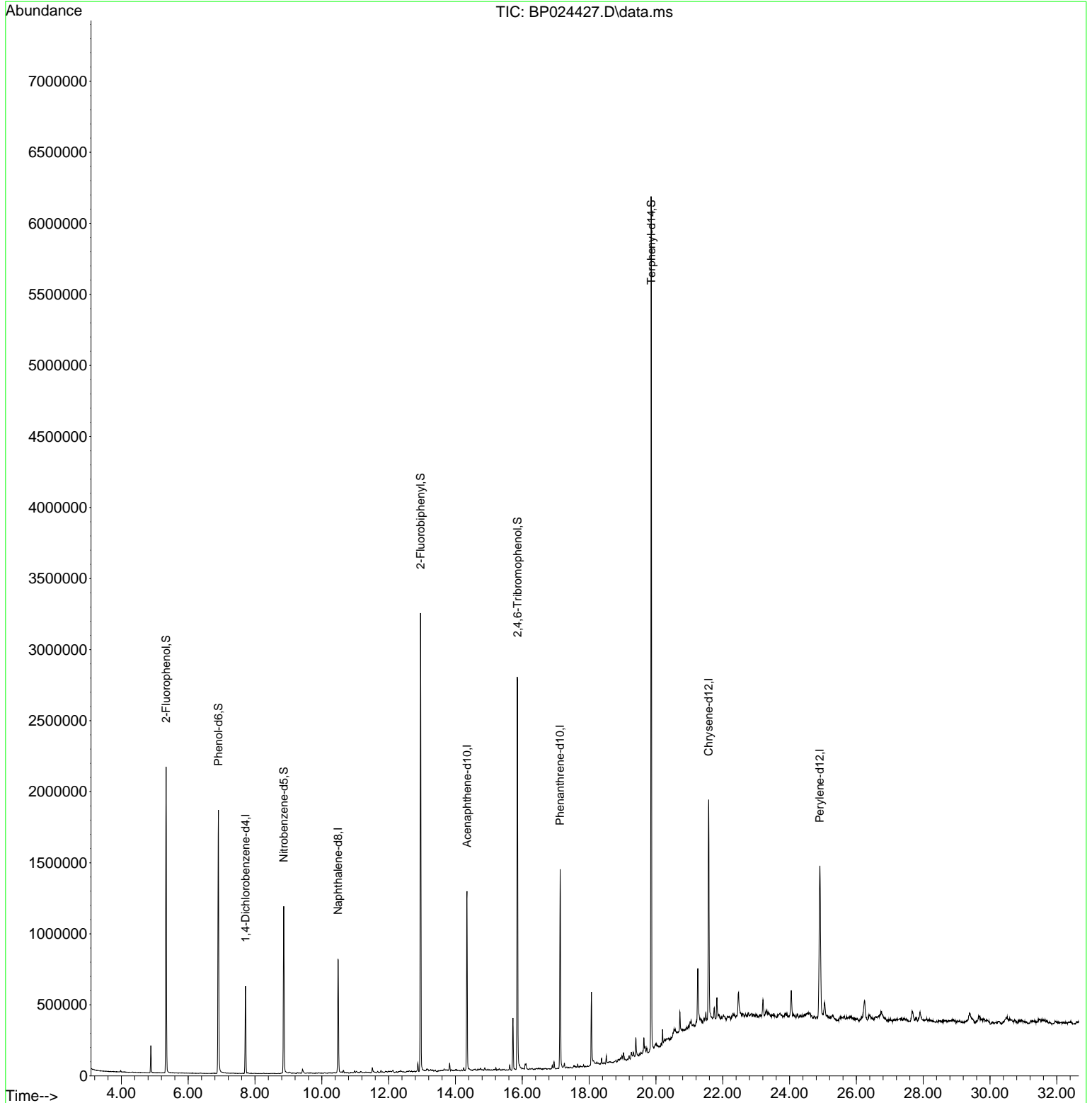
Target Compounds Qvalue

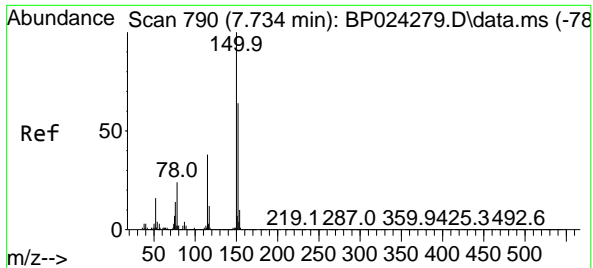
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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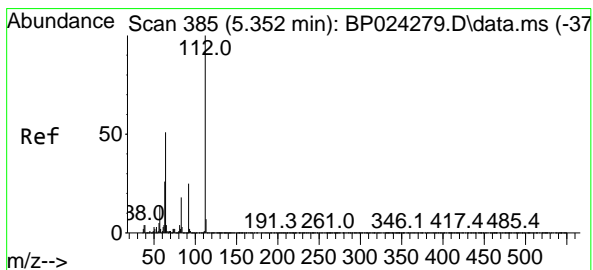
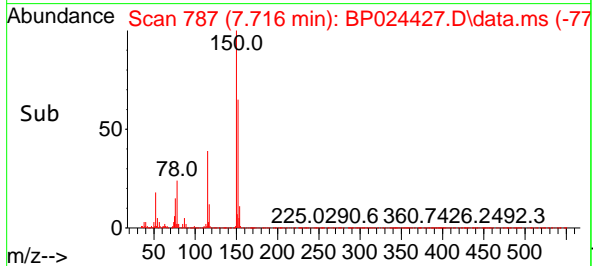
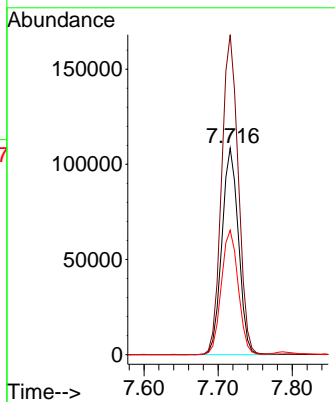
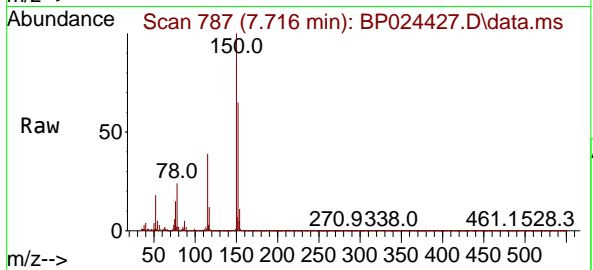




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.716 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

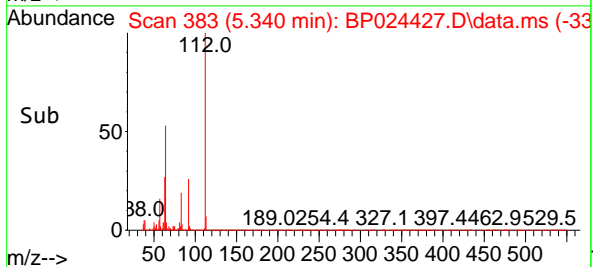
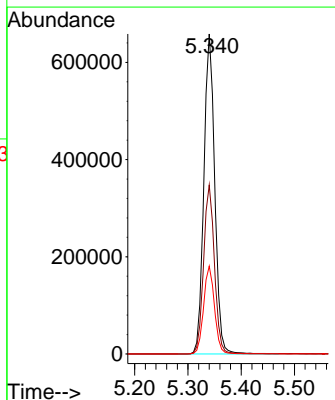
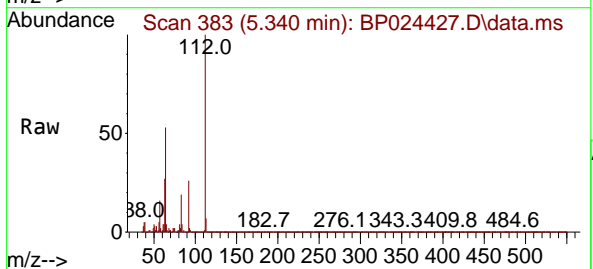
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-F

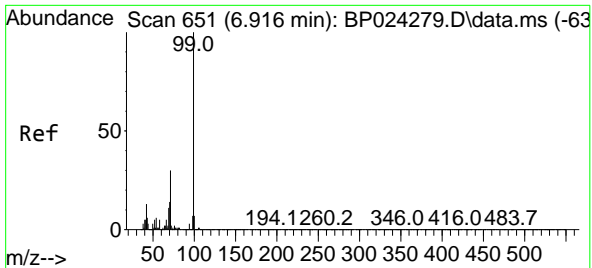
Tgt Ion:152 Resp: 168700  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 124.9 187.3  
 115 60.3 47.7 71.5



#5  
 2-Fluorophenol  
 Concen: 91.377 ng  
 RT: 5.340 min Scan# 383  
 Delta R.T. -0.006 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Tgt Ion:112 Resp: 932305  
 Ion Ratio Lower Upper  
 112 100  
 64 52.8 41.1 61.7  
 63 27.5 20.6 30.8



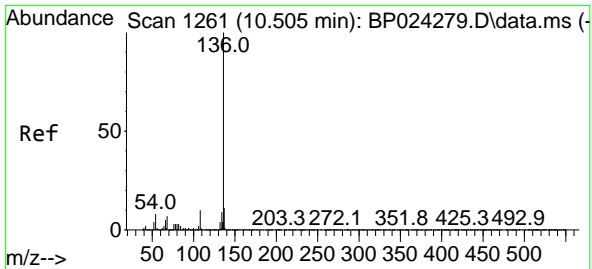
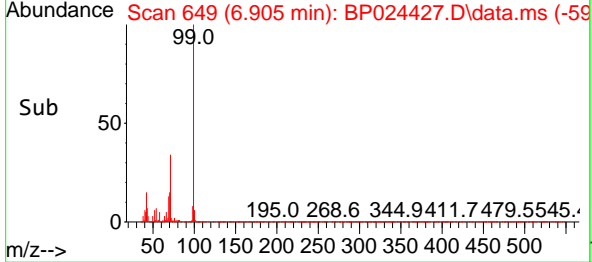
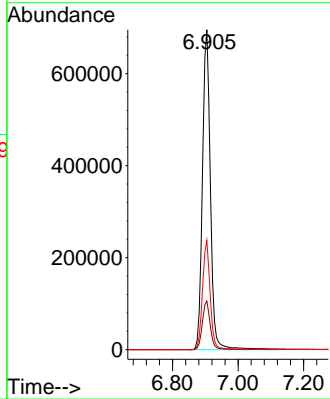
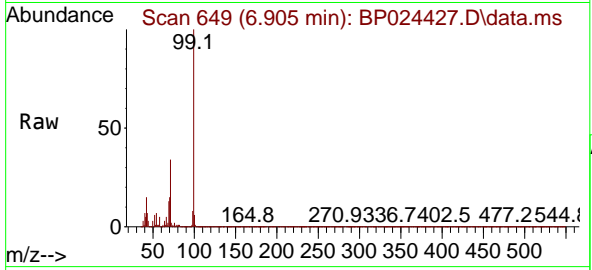


#7  
 Phenol-d6  
 Concen: 84.372 ng  
 RT: 6.905 min Scan# 649  
 Delta R.T. -0.006 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Instrument : BNA\_P  
 ClientSampleId : MH-F

Tgt Ion: 99 Resp: 1178728

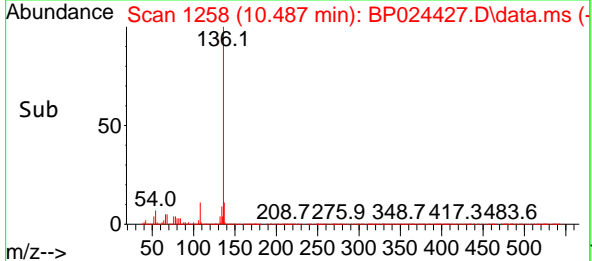
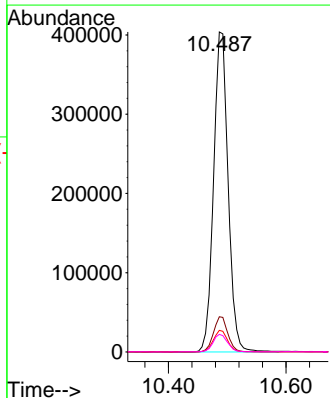
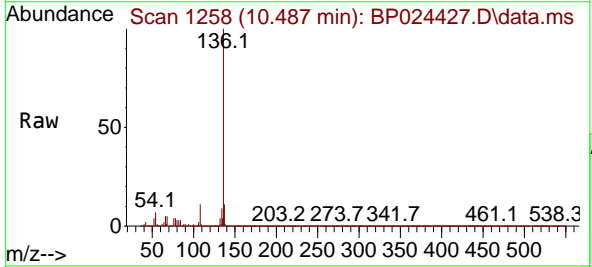
Ion	Ratio	Lower	Upper
99	100		
42	15.2	10.6	16.0
71	34.2	23.7	35.5

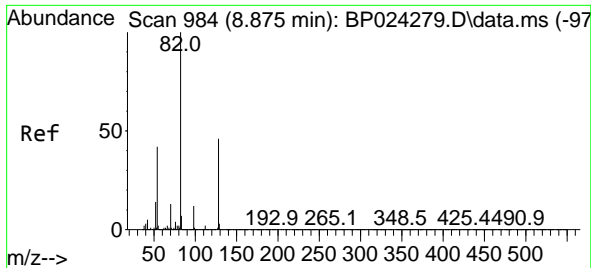


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.487 min Scan# 1258  
 Delta R.T. -0.012 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Tgt Ion: 136 Resp: 691897

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.7	6.0	9.0
68	5.5	5.5	8.3

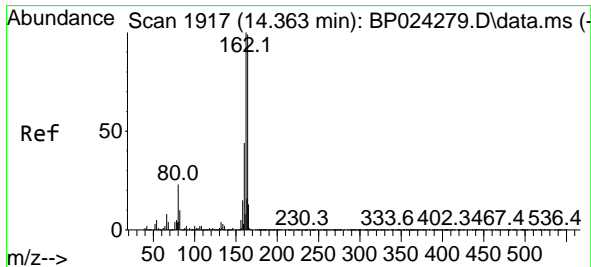
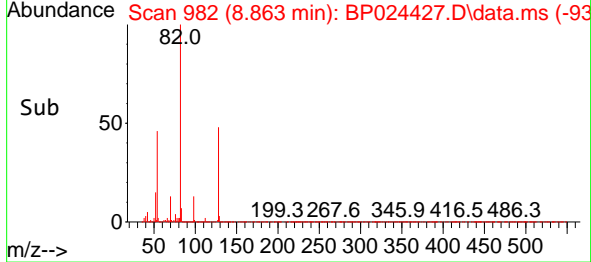
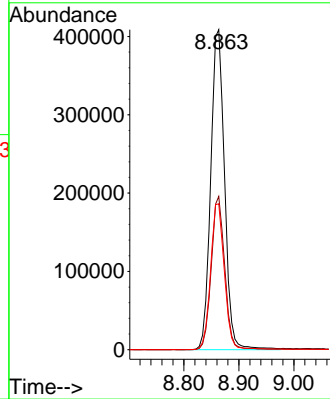
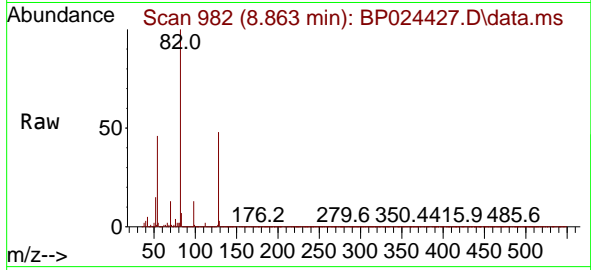




#23  
 Nitrobenzene-d5  
 Concen: 58.896 ng  
 RT: 8.863 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

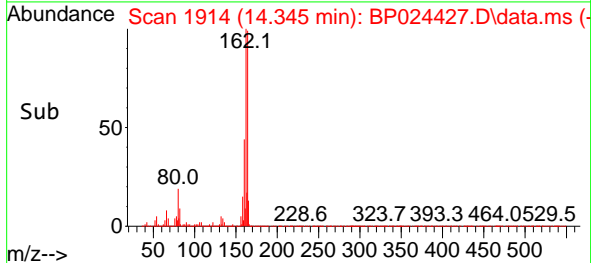
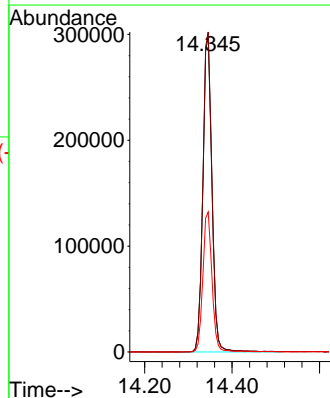
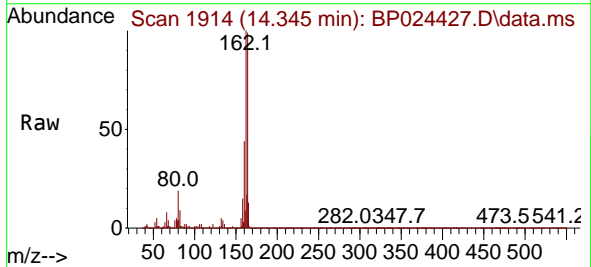
Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-F

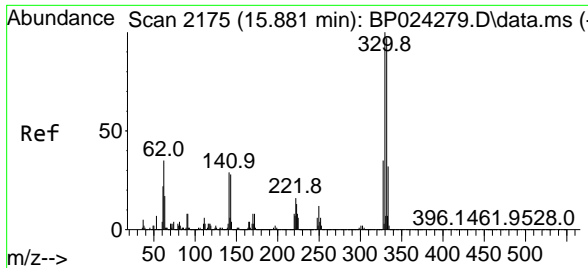
Tgt Ion: 82 Resp: 714642  
 Ion Ratio Lower Upper  
 82 100  
 128 47.9 36.5 54.7  
 54 45.6 33.4 50.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.345 min Scan# 1914  
 Delta R.T. -0.006 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Tgt Ion: 164 Resp: 431230  
 Ion Ratio Lower Upper  
 164 100  
 162 101.3 80.6 120.8  
 160 44.3 35.3 52.9

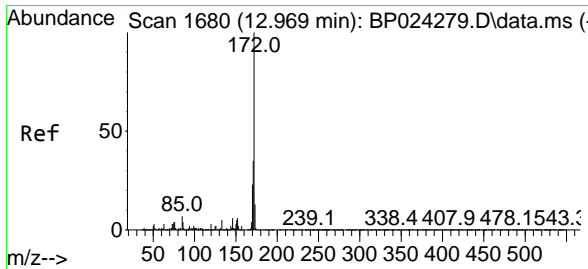
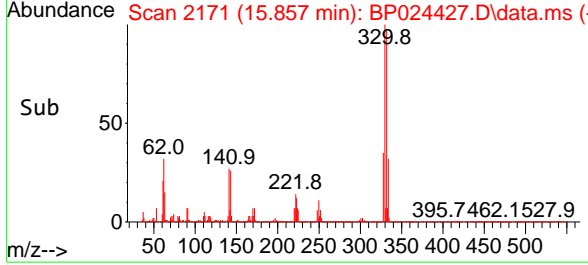
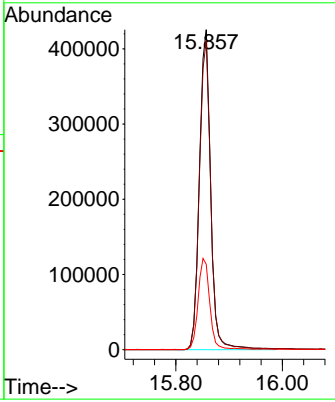
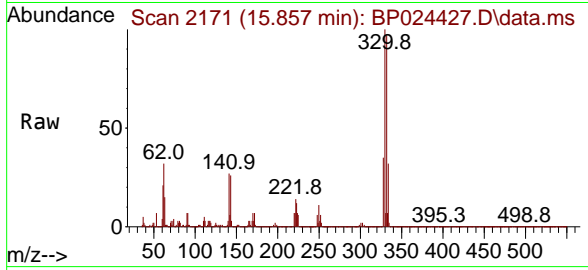




#42  
 2,4,6-Tribromophenol  
 Concen: 104.355 ng  
 RT: 15.857 min Scan# 2171  
 Delta R.T. -0.006 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

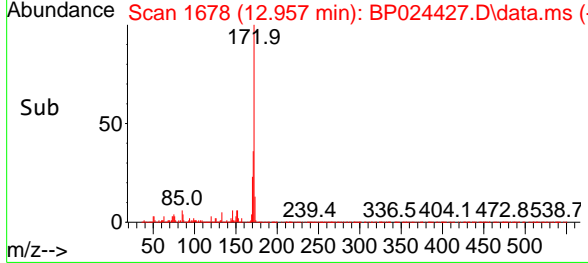
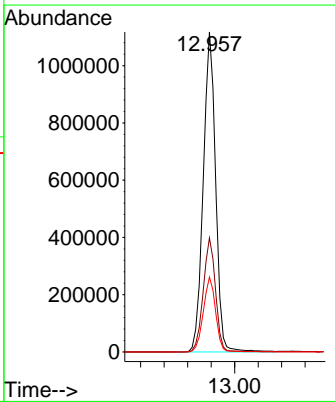
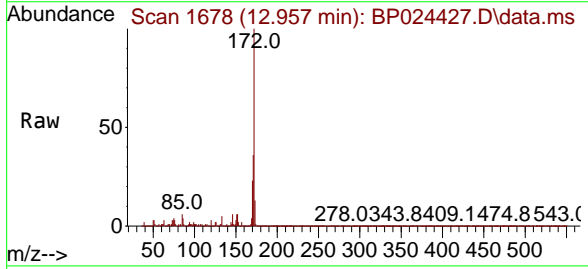
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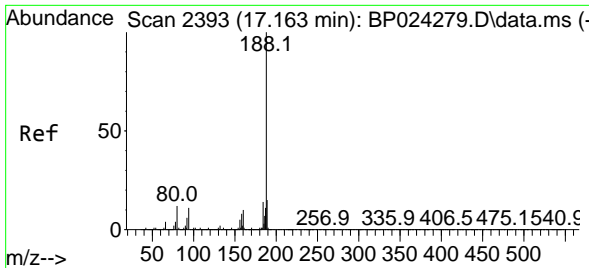
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	29.5	24.7	37.1



#45  
 2-Fluorobiphenyl  
 Concen: 58.211 ng  
 RT: 12.957 min Scan# 1678  
 Delta R.T. -0.006 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.4	18.6	27.8



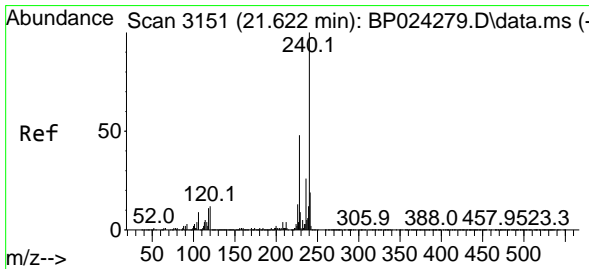
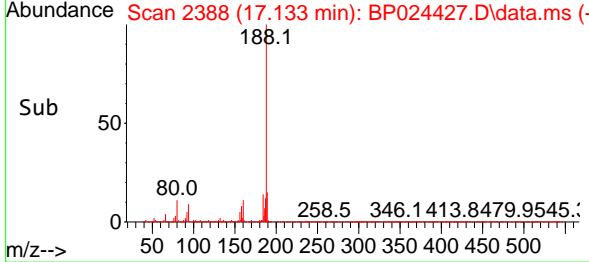
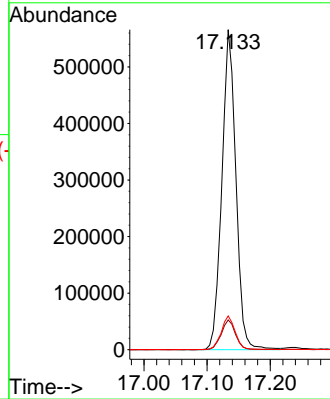
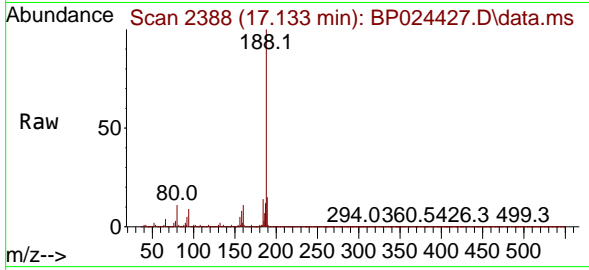


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.133 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MH-F

Tgt Ion:188 Resp: 873074

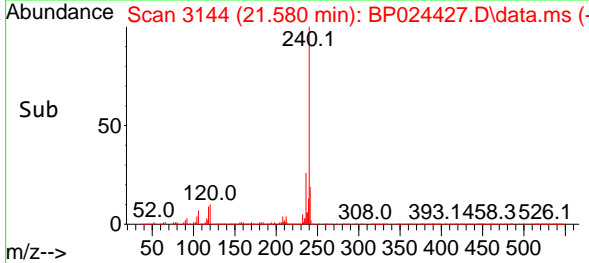
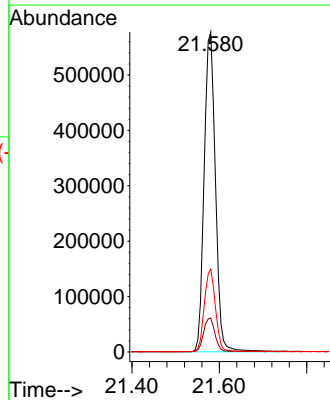
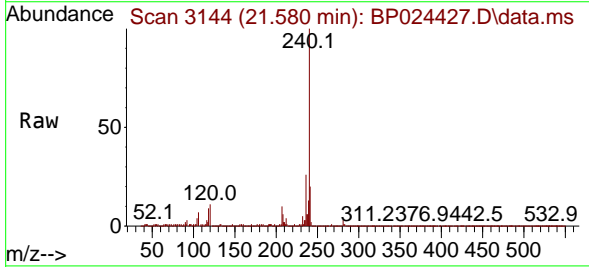
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	13.0
80	10.5	9.8	14.6

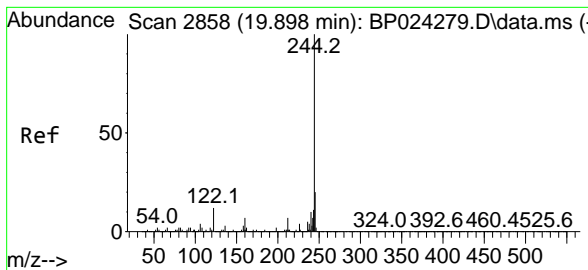


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.580 min Scan# 3144  
 Delta R.T. -0.012 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Tgt Ion:240 Resp: 1039071

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.8	14.8
236	25.9	20.9	31.3



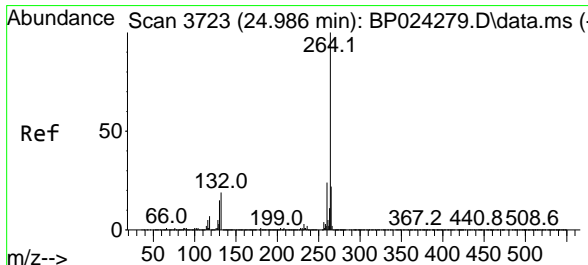
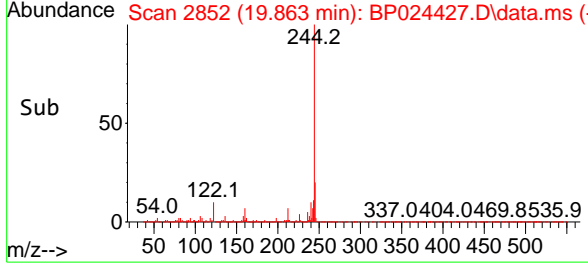
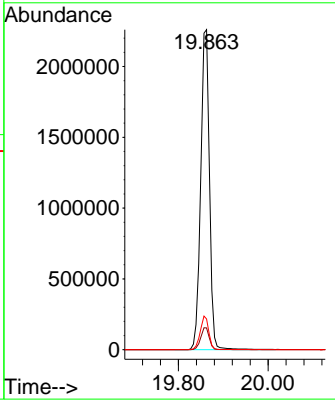
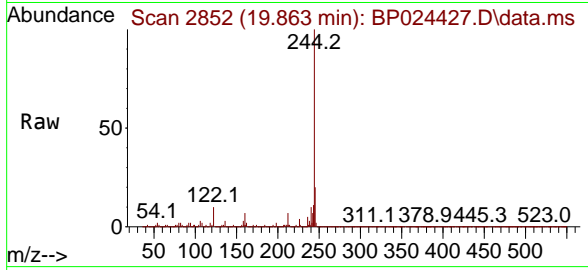


#79  
 Terphenyl-d14  
 Concen: 59.285 ng  
 RT: 19.863 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Instrument : BNA\_P  
 ClientSampleId : MH-F

Tgt Ion:244 Resp: 3056155

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.6	9.4	14.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.904 min Scan# 3709  
 Delta R.T. -0.029 min  
 Lab File: BP024427.D  
 Acq: 25 Apr 2025 17:51

Tgt Ion:264 Resp: 1249210

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.0	17.8	26.6

