

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024507.D
 Acq On : 02 May 2025 13:35
 Operator : RC/JU
 Sample : Q1916-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-12

Quant Time: May 02 13:54:30 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

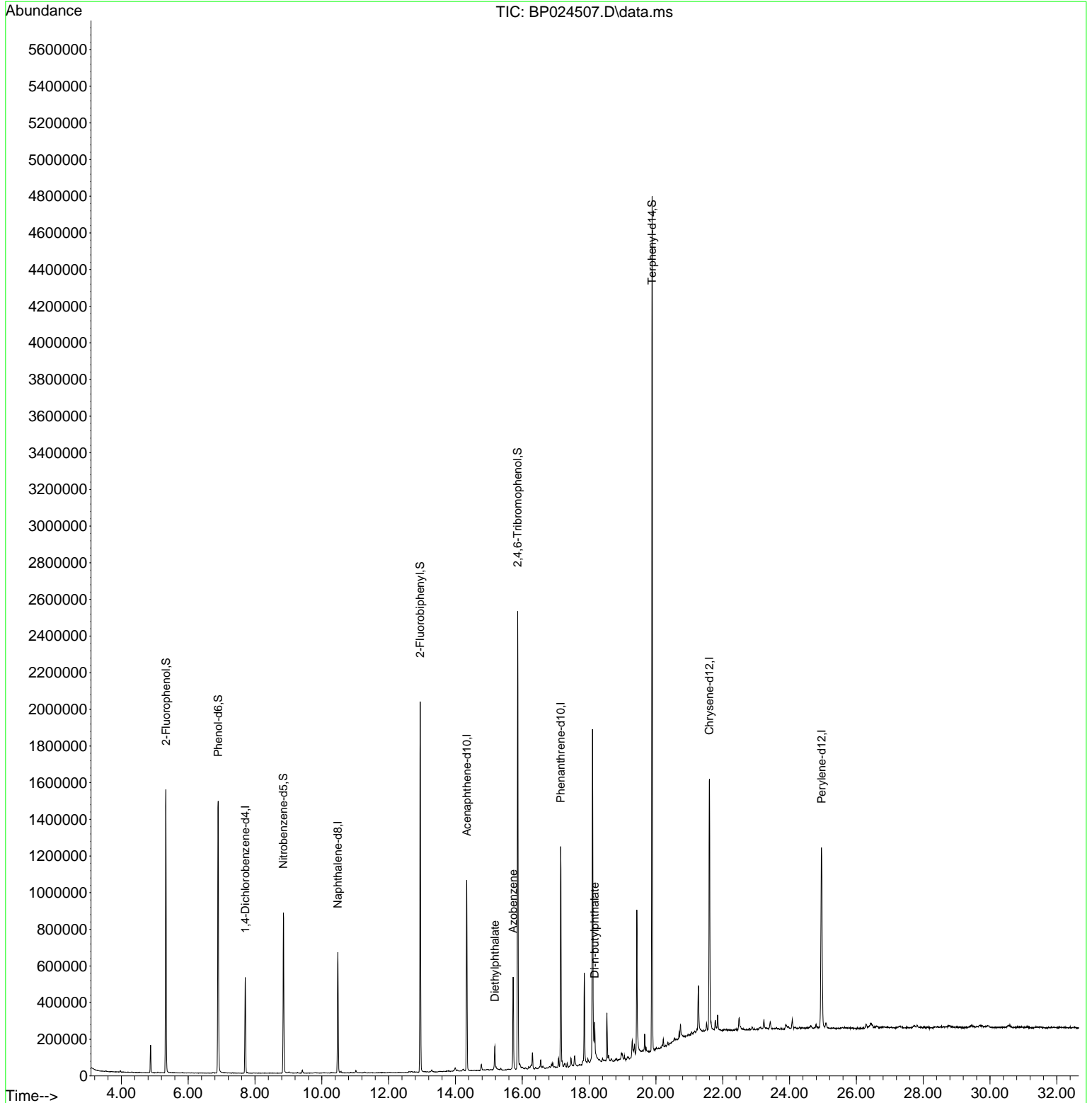
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	143015	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	562893	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	360790	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	727288	20.000	ng	0.00
76) Chrysene-d12	21.604	240	863400	20.000	ng	# 0.01
86) Perylene-d12	24.957	264	1018141	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	676269	78.186	ng	-0.01
7) Phenol-d6	6.899	99	912206	77.021	ng	-0.01
23) Nitrobenzene-d5	8.852	82	494204	50.063	ng	-0.02
42) 2,4,6-Tribromophenol	15.863	330	521741	104.521	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1051421	44.620	ng	-0.02
79) Terphenyl-d14	19.886	244	2404329	56.130	ng	0.01
Target Compounds						
60) Diethylphthalate	15.181	149	104363	3.860	ng	99
63) Azobenzene	15.728	77	139964	5.632	ng	# 1
74) Di-n-butylphthalate	18.169	149	126659	2.721	ng	99

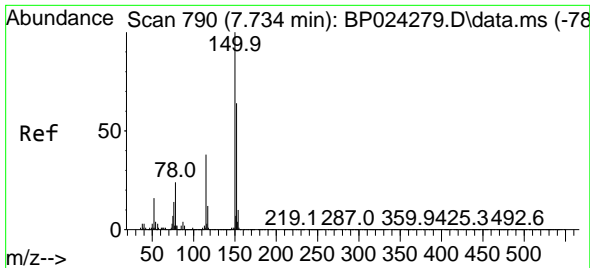
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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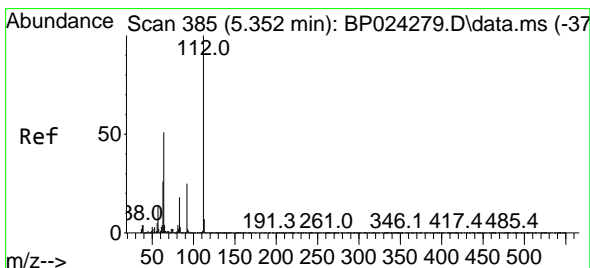
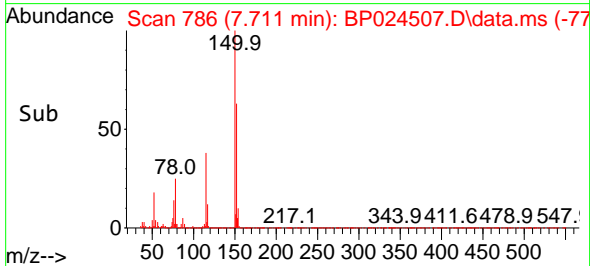
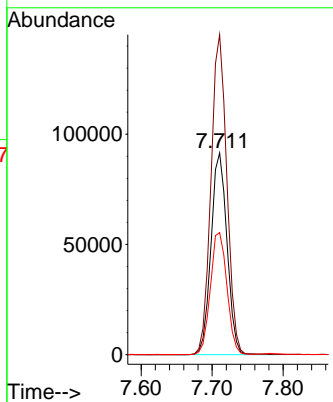
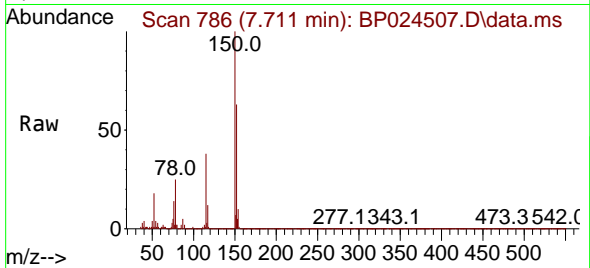




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.711 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

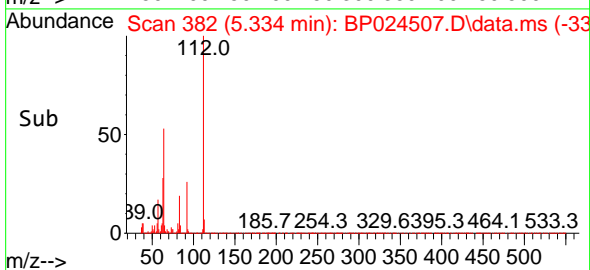
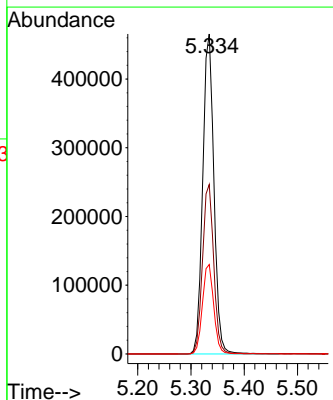
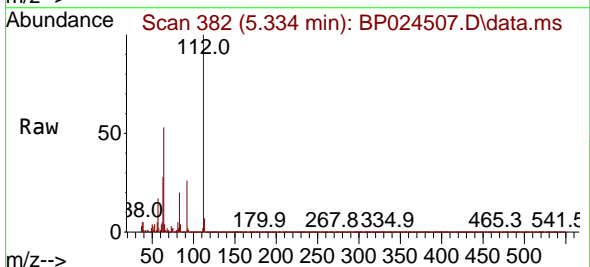
Instrument :
 BNA_P
 ClientSampleId :
 WC-12

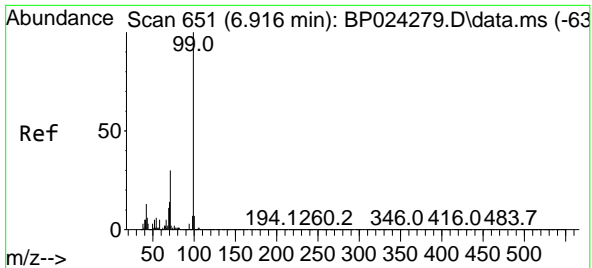
Tgt Ion:152 Resp: 143015
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.9 187.3
 115 60.5 47.7 71.5



#5
 2-Fluorophenol
 Concen: 78.186 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Tgt Ion:112 Resp: 676269
 Ion Ratio Lower Upper
 112 100
 64 52.9 41.1 61.7
 63 27.9 20.6 30.8



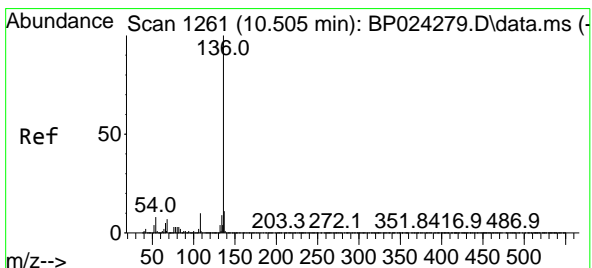
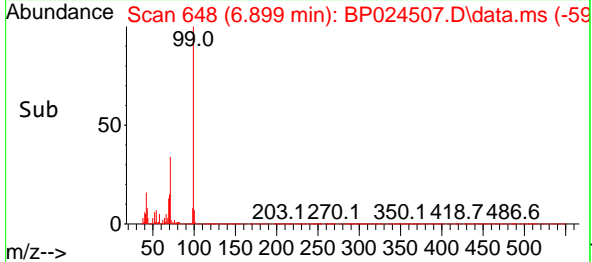
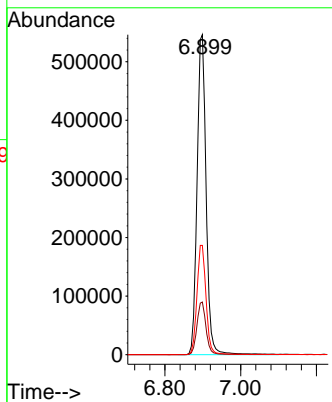
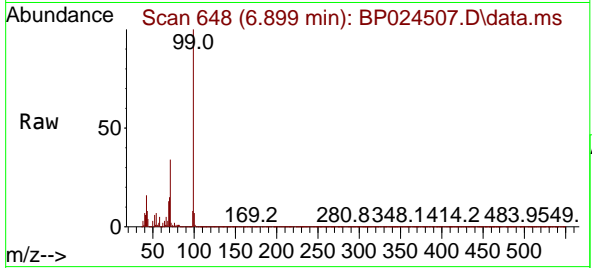


#7
 Phenol-d6
 Concen: 77.021 ng
 RT: 6.899 min Scan# 648
 Delta R.T. -0.012 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Instrument :
 BNA_P
 ClientSampleId :
 WC-12

Tgt Ion: 99 Resp: 912206

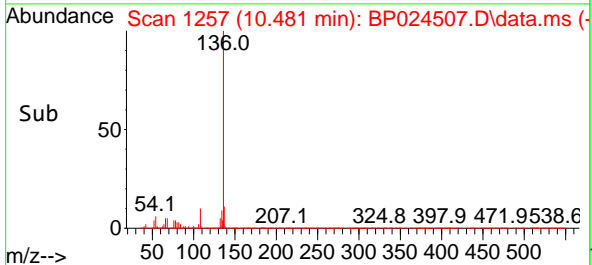
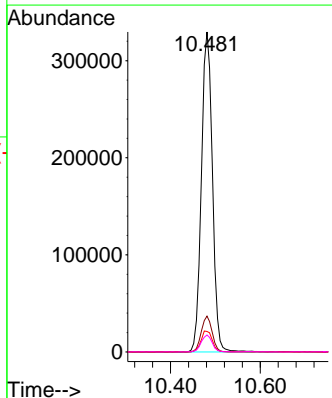
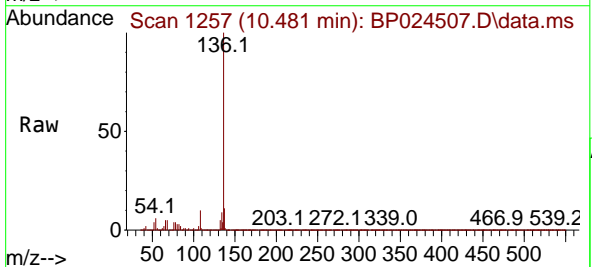
Ion	Ratio	Lower	Upper
99	100		
42	16.5	10.6	16.0#
71	34.1	23.7	35.5

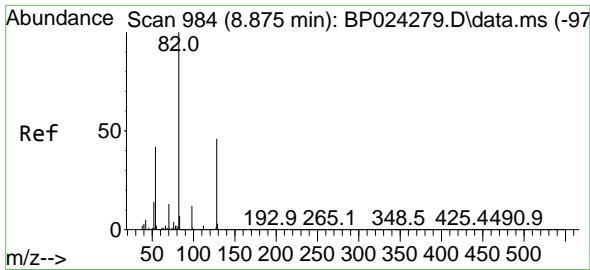


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.481 min Scan# 1257
 Delta R.T. -0.017 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Tgt Ion: 136 Resp: 562893

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.4	6.0	9.0
68	5.3	5.5	8.3#

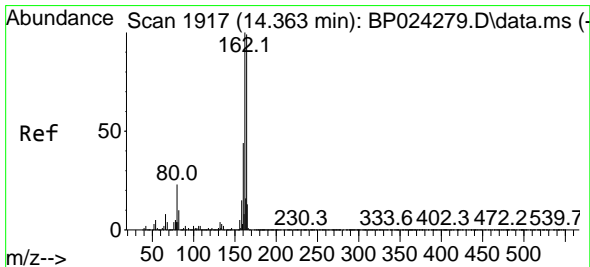
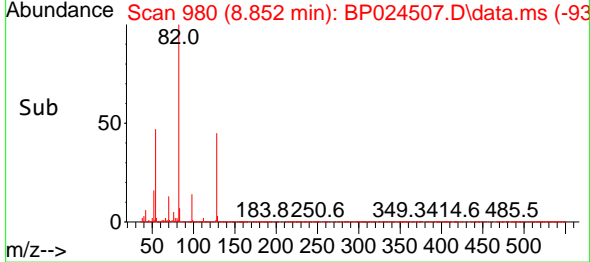
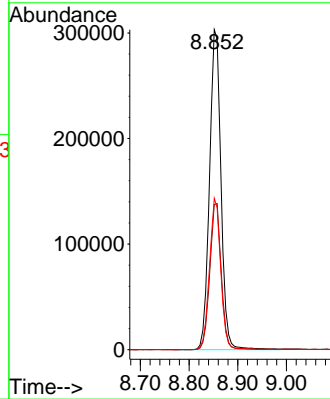
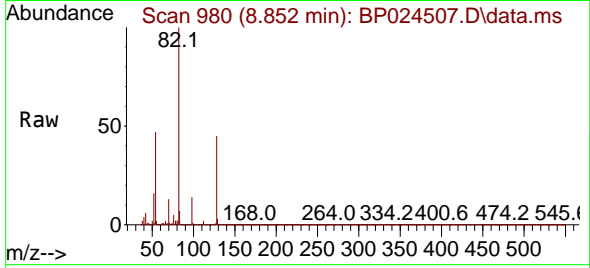




#23
 Nitrobenzene-d5
 Concen: 50.063 ng
 RT: 8.852 min Scan# 91
 Delta R.T. -0.017 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

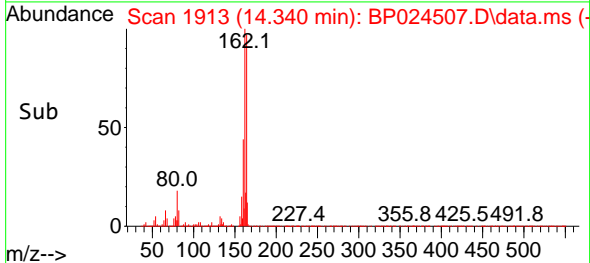
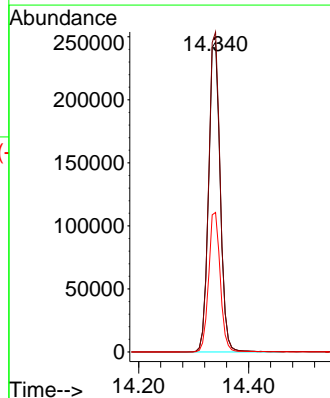
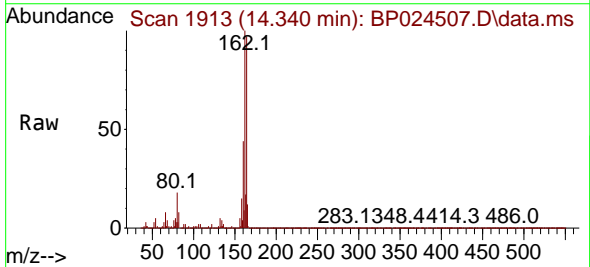
Instrument :
 BNA_P
 ClientSampleId :
 WC-12

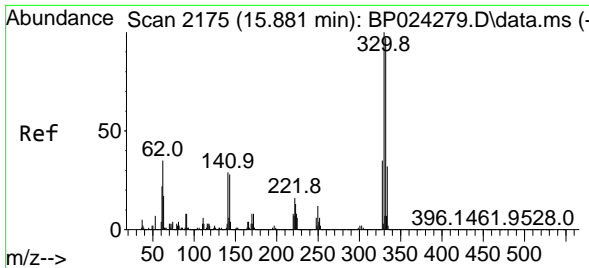
Tgt Ion: 82 Resp: 494204
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.5 54.7
 54 47.3 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.340 min Scan# 1913
 Delta R.T. -0.012 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Tgt Ion: 164 Resp: 360790
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.6 120.8
 160 45.0 35.3 52.9

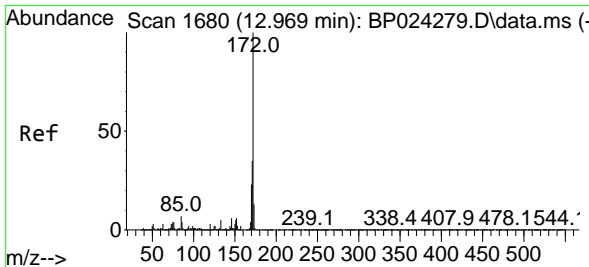
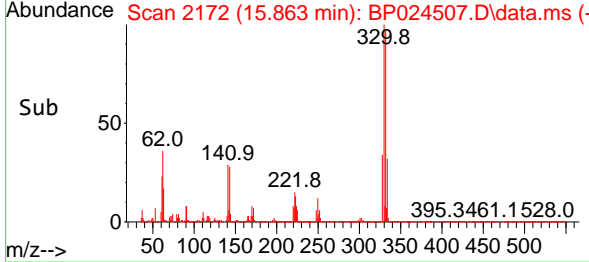
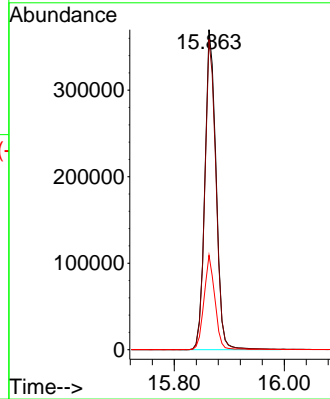
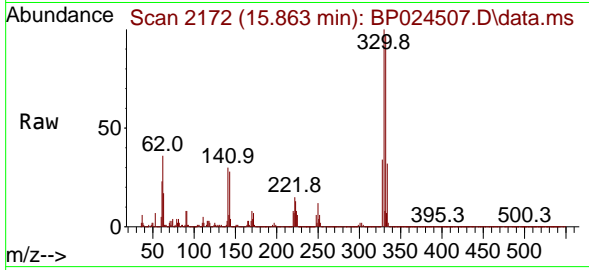




#42
 2,4,6-Tribromophenol
 Concen: 104.521 ng
 RT: 15.863 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

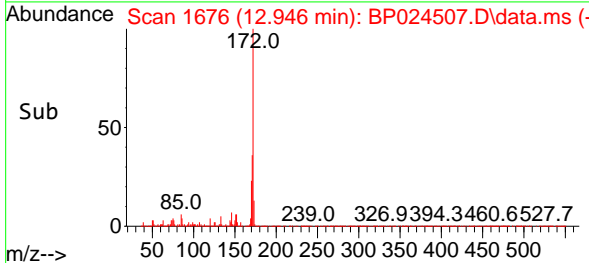
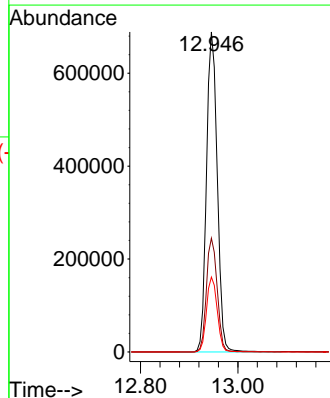
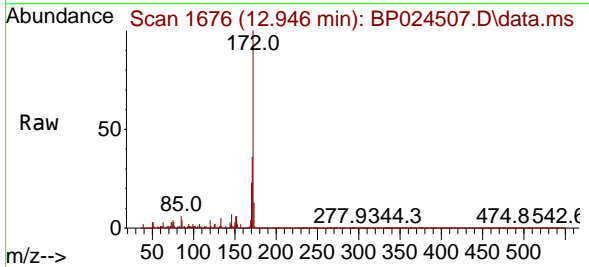
Instrument :
 BNA_P
 ClientSampleId :
 WC-12

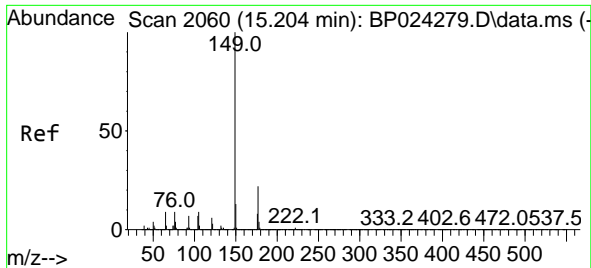
Tgt Ion	Resp	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	28.7	24.7	37.1



#45
 2-Fluorobiphenyl
 Concen: 44.620 ng
 RT: 12.946 min Scan# 1676
 Delta R.T. -0.017 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.4	18.6	27.8



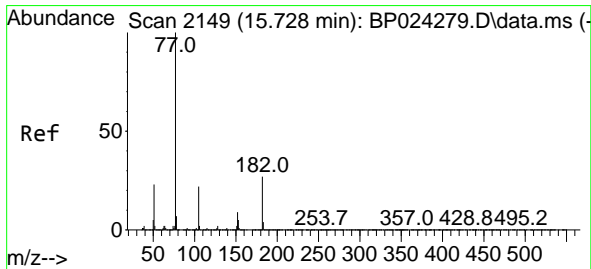
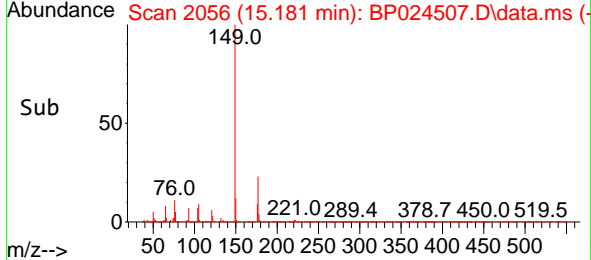
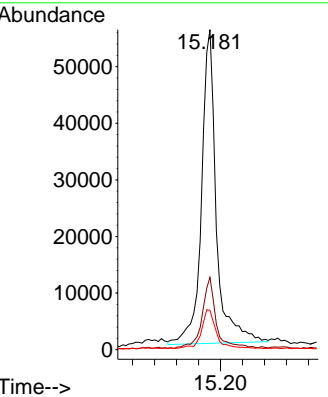
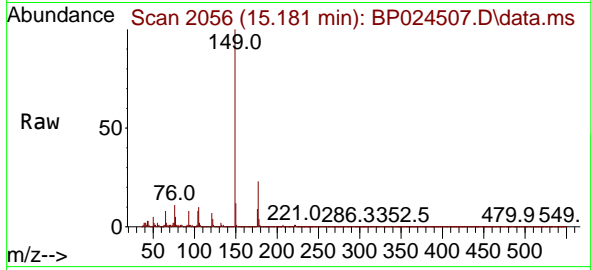


#60
 Diethylphthalate
 Concen: 3.860 ng
 RT: 15.181 min Scan# 2060
 Delta R.T. -0.012 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Instrument : BNA_P
 Client Sample Id : WC-12

Tgt Ion: 149 Resp: 104363

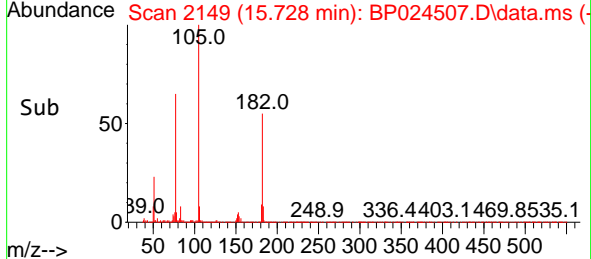
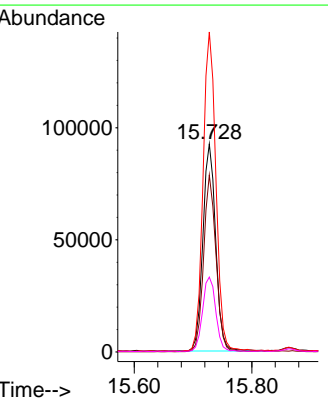
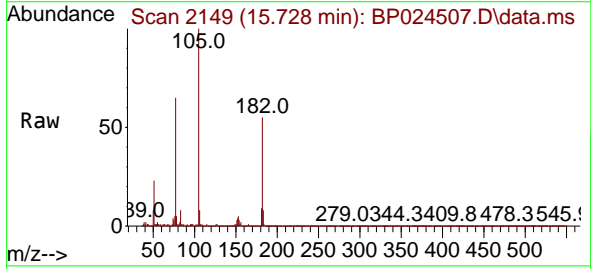
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.3	10.1	15.1

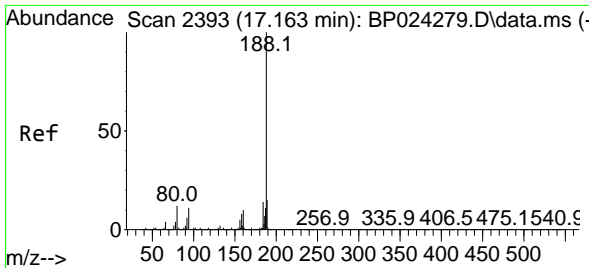


#63
 Azobenzene
 Concen: 5.632 ng
 RT: 15.728 min Scan# 2149
 Delta R.T. 0.018 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Tgt Ion: 77 Resp: 139964

Ion	Ratio	Lower	Upper
77	100		
182	85.0	7.3	47.3#
105	153.8	2.3	42.3#
51	36.0	3.4	43.4



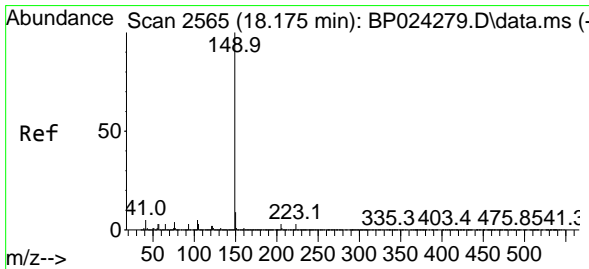
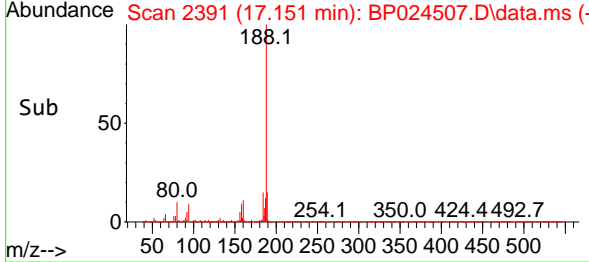
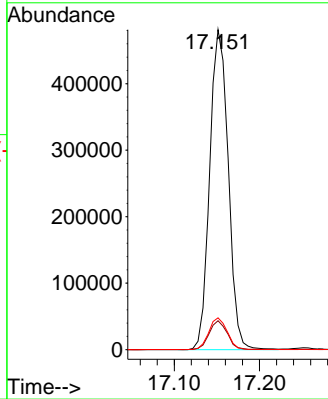
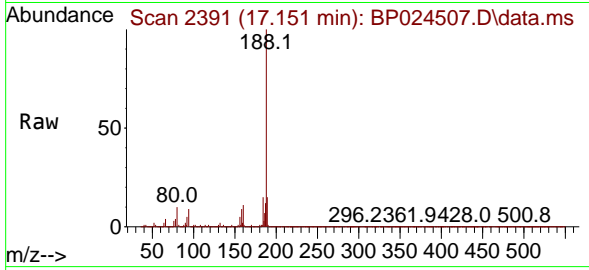


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Instrument :
 BNA_P
 ClientSampleId :
 WC-12

Tgt Ion:188 Resp: 727288

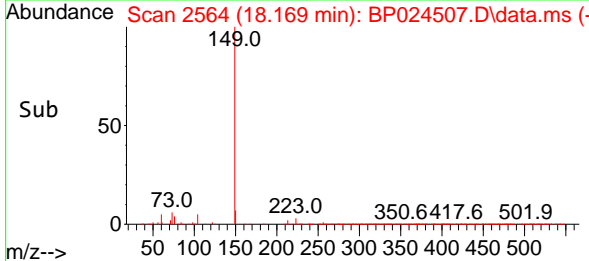
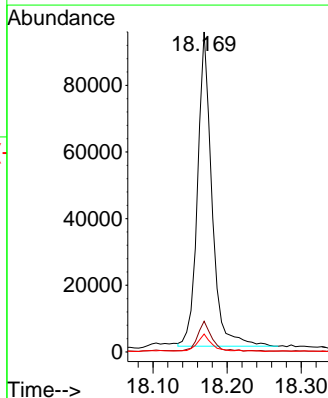
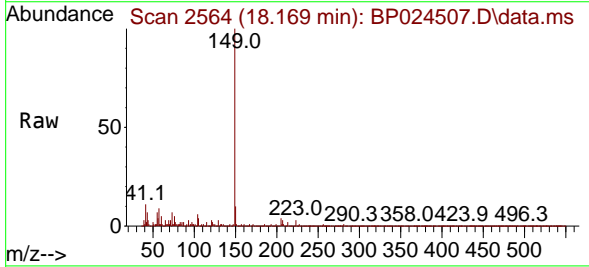
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.6	13.0
80	10.0	9.8	14.6

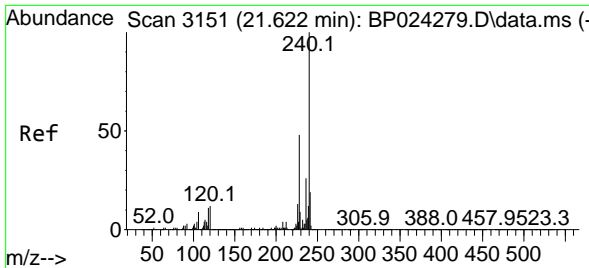


#74
 Di-n-butylphthalate
 Concen: 2.721 ng
 RT: 18.169 min Scan# 2564
 Delta R.T. 0.012 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Tgt Ion:149 Resp: 126659

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.6	3.9	5.9



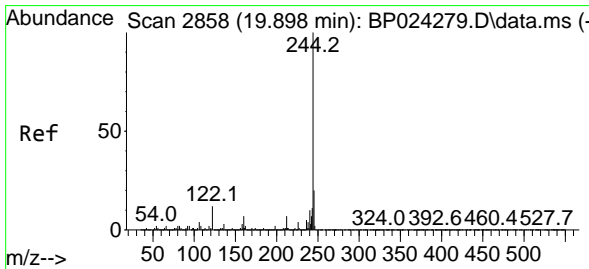
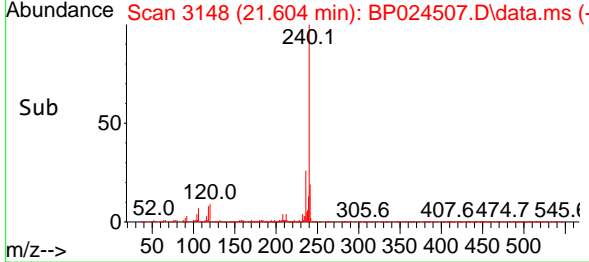
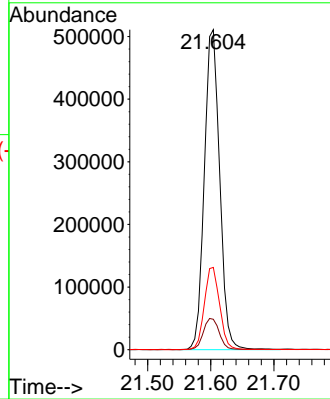
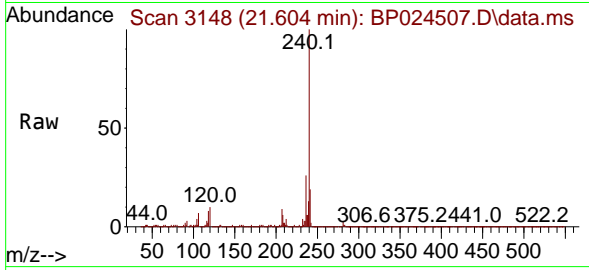


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.604 min Scan# 3151
 Delta R.T. 0.012 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Instrument : BNA_P
 Client Sample Id : WC-12

Tgt Ion: 240 Resp: 863400

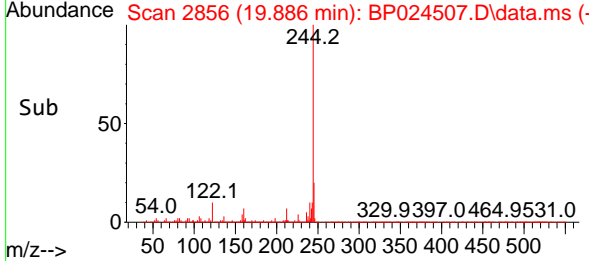
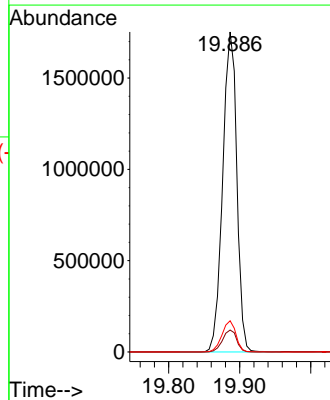
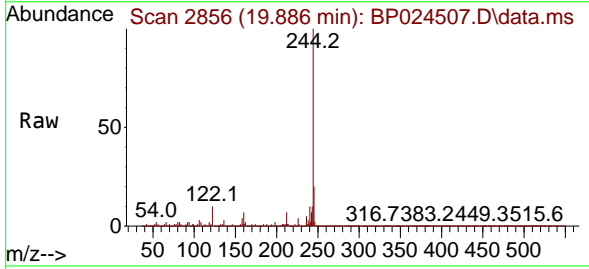
Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.8	14.8#
236	25.7	20.9	31.3

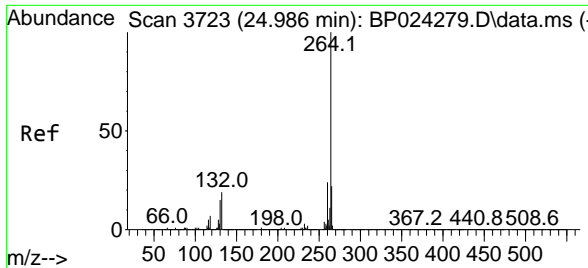


#79
 Terphenyl-d14
 Concen: 56.130 ng
 RT: 19.886 min Scan# 2856
 Delta R.T. 0.012 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Tgt Ion: 244 Resp: 2404329

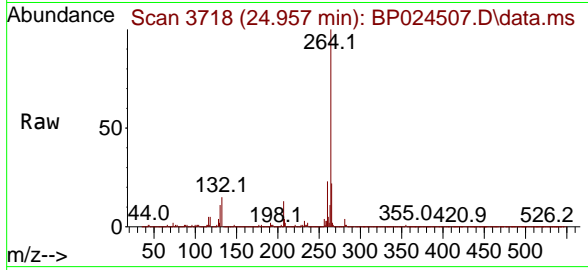
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	9.8	9.4	14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.957 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BP024507.D
 Acq: 02 May 2025 13:35

Instrument :
 BNA_P
 ClientSampleId :
 WC-12



Tgt Ion: 264 Resp: 1018141

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.6	17.8	26.6

