

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024518.D
 Acq On : 02 May 2025 21:06
 Operator : RC/JU
 Sample : Q1932-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-7

Quant Time: May 02 23:46:58 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

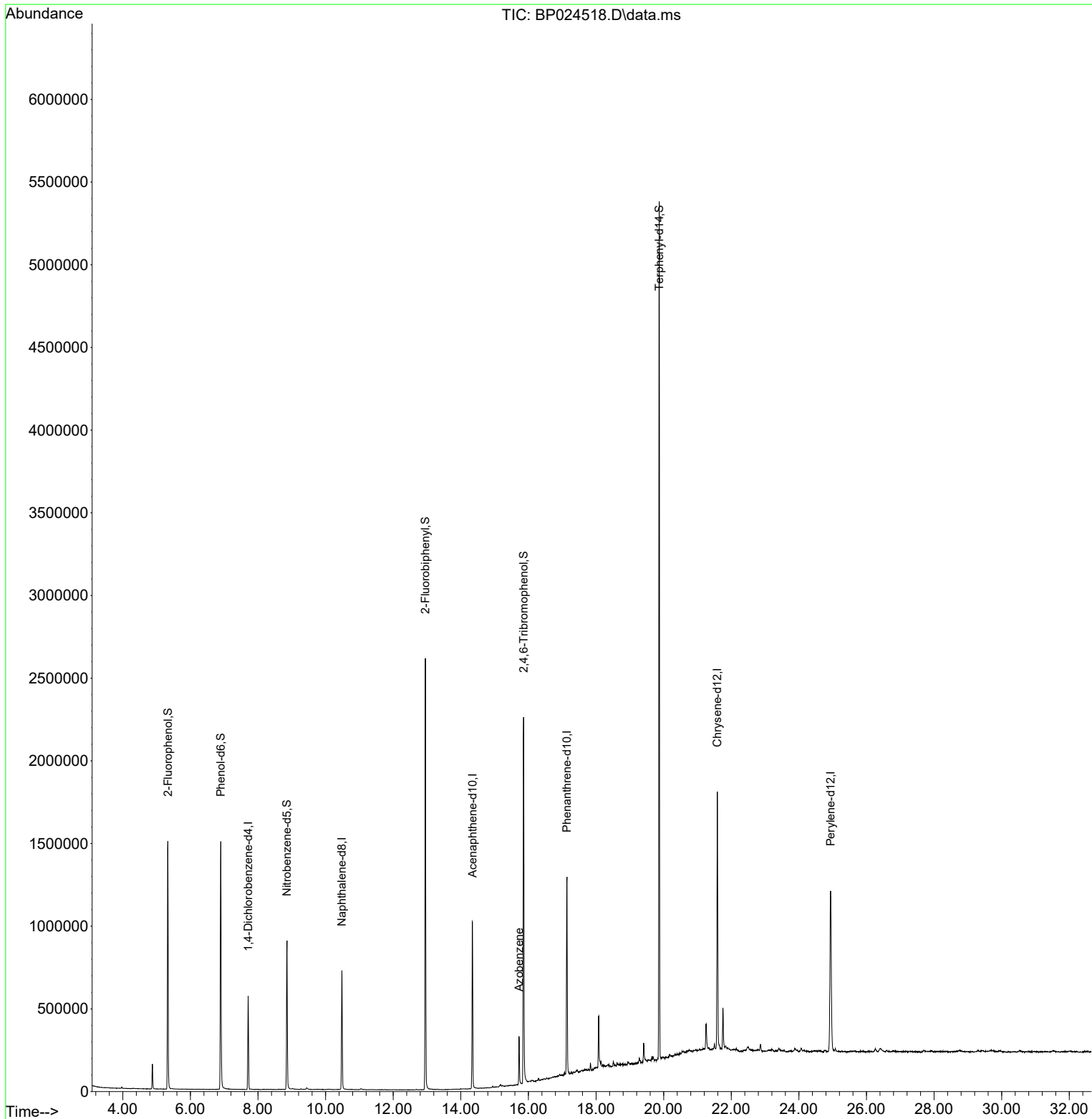
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	147415	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	592329	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	373255	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	776902	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	925174	20.000	ng	0.00
86) Perylene-d12	24.939	264	1071217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	673568	75.550	ng	-0.01
7) Phenol-d6	6.898	99	887782	72.722	ng	-0.01
23) Nitrobenzene-d5	8.857	82	519013	49.963	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	515476	99.818	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1273870	52.255	ng	-0.01
79) Terphenyl-d14	19.868	244	2496105	54.382	ng	0.00
Target Compounds						
63) Azobenzene	15.722	77	81022	3.151	ng	# 1

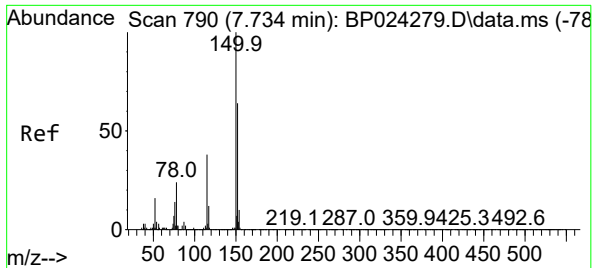
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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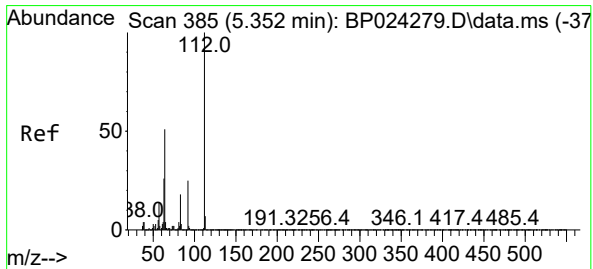
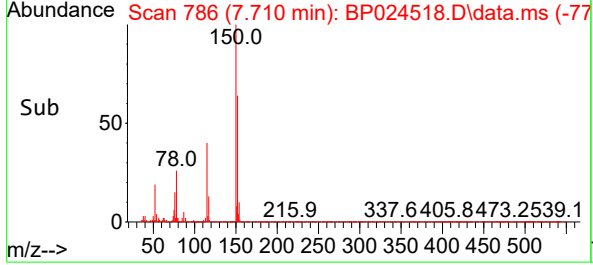
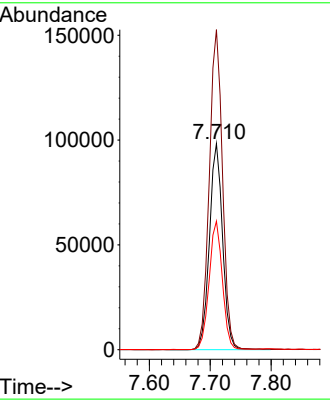
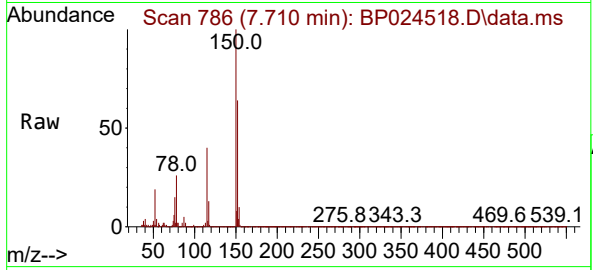


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 790
 Delta R.T. -0.012 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Instrument : BNA_P
 ClientSampleId : COMP-7

Tgt Ion:152 Resp: 147415

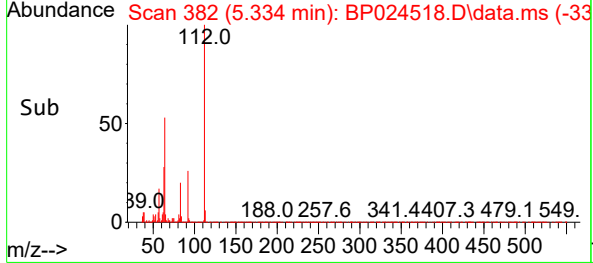
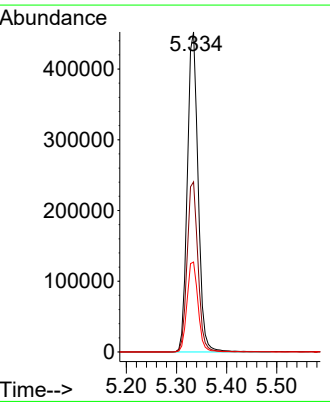
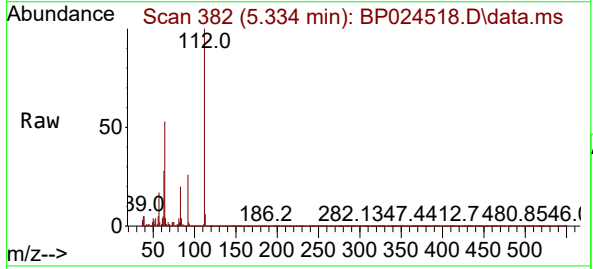
Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	62.3	47.7	71.5

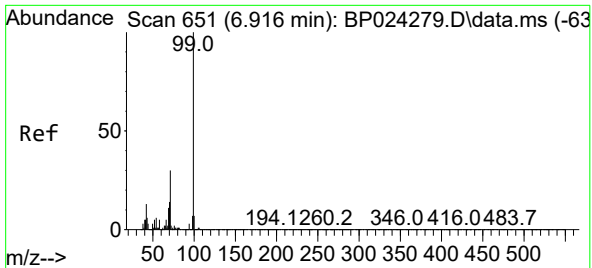


#5
 2-Fluorophenol
 Concen: 75.550 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Tgt Ion:112 Resp: 673568

Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.1	61.7
63	28.1	20.6	30.8



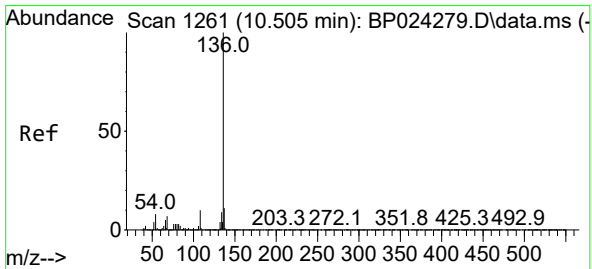
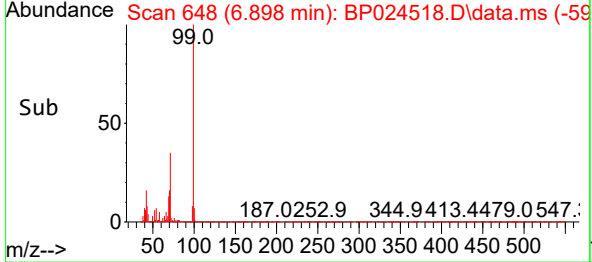
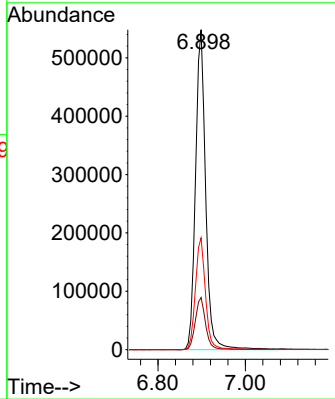
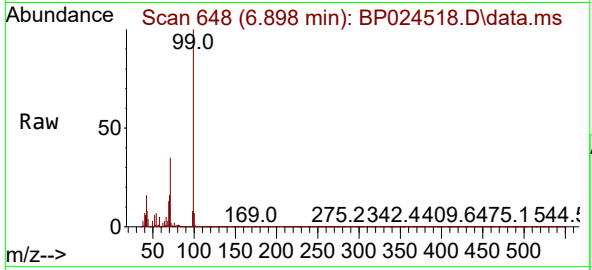


#7
 Phenol-d6
 Concen: 72.722 ng
 RT: 6.898 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Instrument : BNA_P
 Client Sample Id : COMP-7

Tgt Ion: 99 Resp: 887782

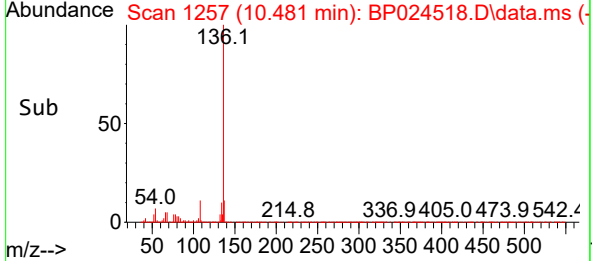
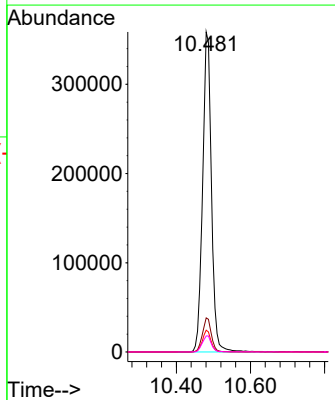
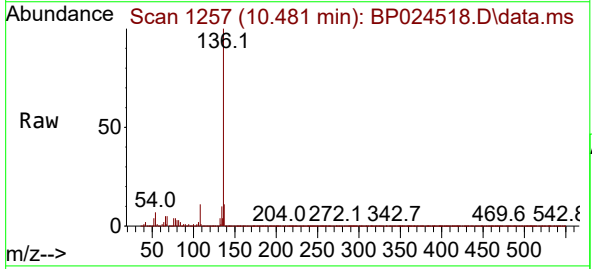
Ion	Ratio	Lower	Upper
99	100		
42	16.3	10.6	16.0#
71	34.9	23.7	35.5

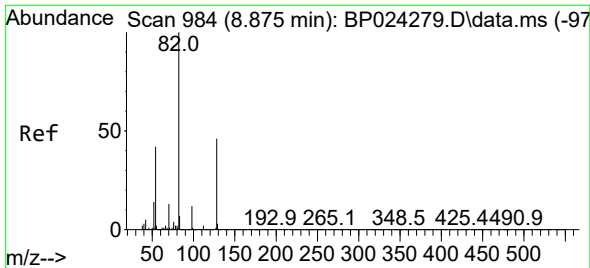


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.481 min Scan# 1257
 Delta R.T. -0.018 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Tgt Ion: 136 Resp: 592329

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.8	6.0	9.0
68	5.0	5.5	8.3#



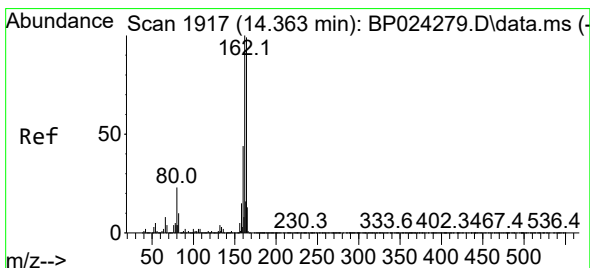
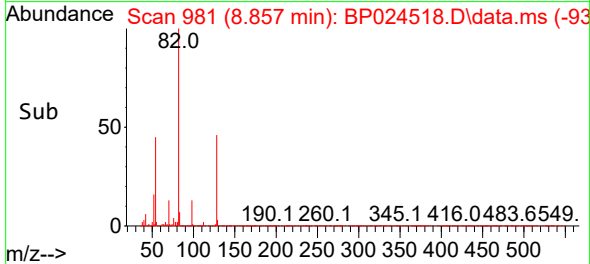
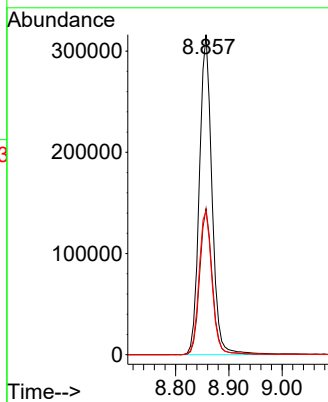
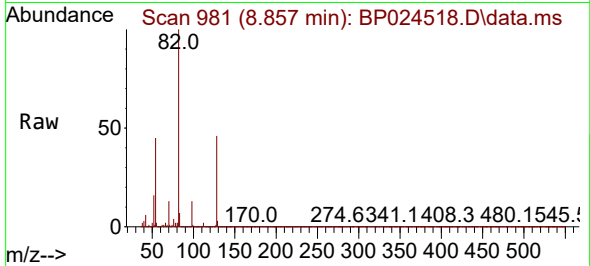


#23
 Nitrobenzene-d5
 Concen: 49.963 ng
 RT: 8.857 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Instrument :
 BNA_P
 ClientSampleId :
 COMP-7

Tgt Ion: 82 Resp: 519013

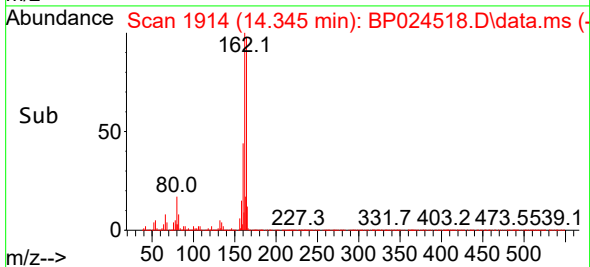
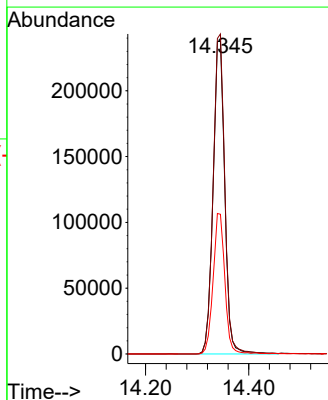
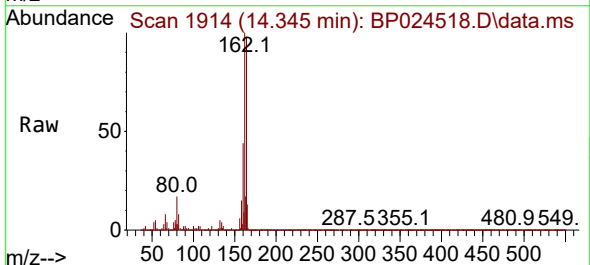
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	44.9	33.4	50.2

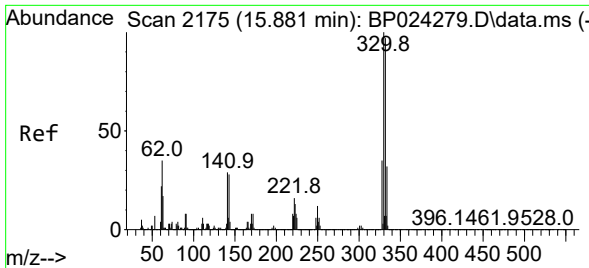


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Tgt Ion: 164 Resp: 373255

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	44.7	35.3	52.9

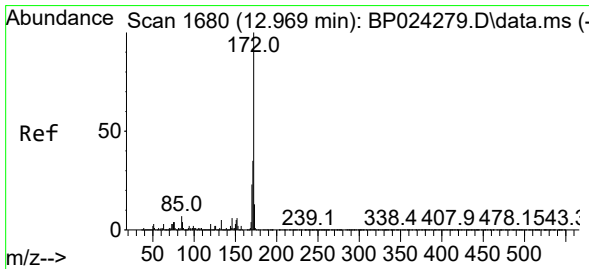
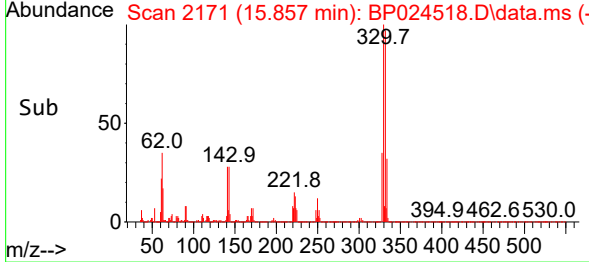
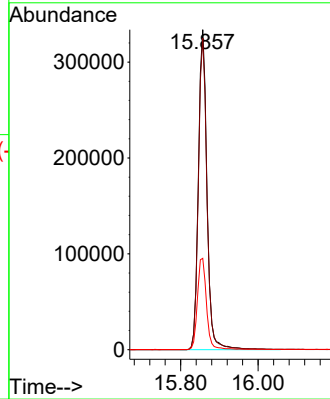
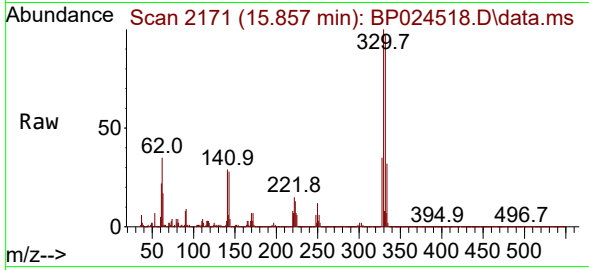




#42
 2,4,6-Tribromophenol
 Concen: 99.818 ng
 RT: 15.857 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

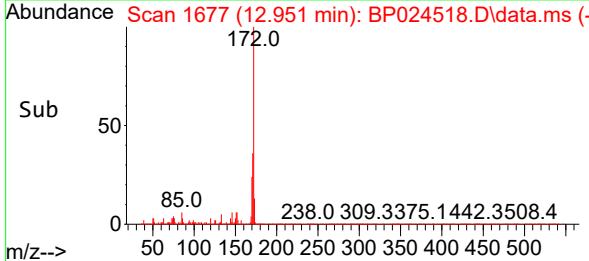
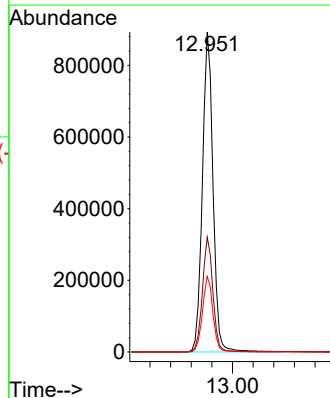
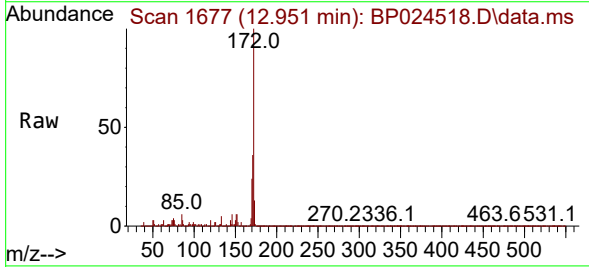
Instrument :
 BNA_P
 ClientSampleId :
 COMP-7

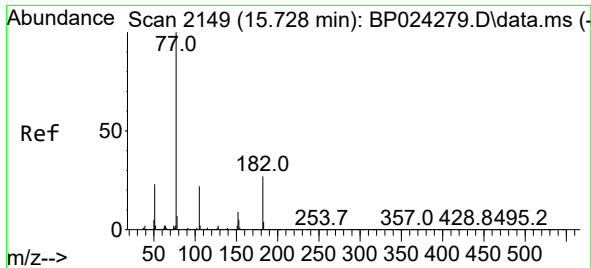
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	30.0	24.7	37.1



#45
 2-Fluorobiphenyl
 Concen: 52.255 ng
 RT: 12.951 min Scan# 1677
 Delta R.T. -0.012 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.6	18.6	27.8

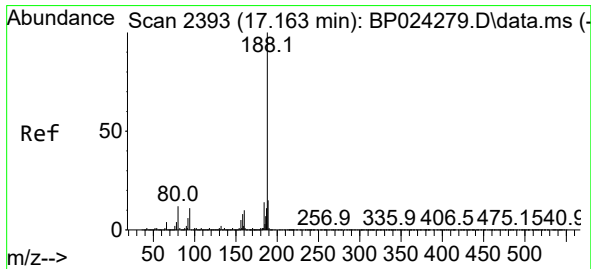
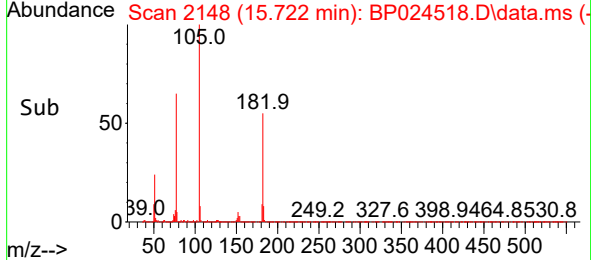
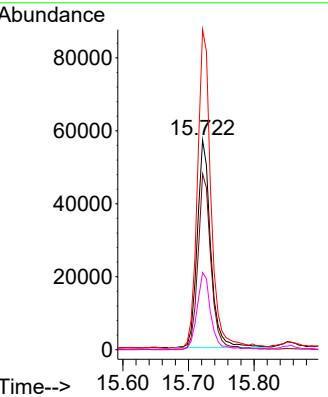
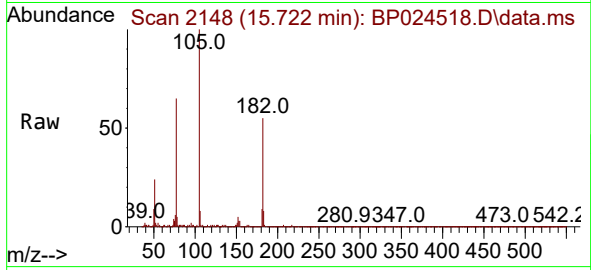




#63
 Azobenzene
 Concen: 3.151 ng
 RT: 15.722 min Scan# 2149
 Delta R.T. 0.012 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

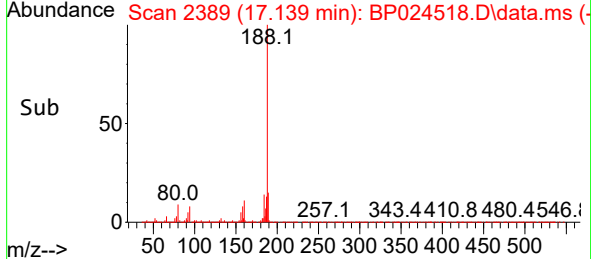
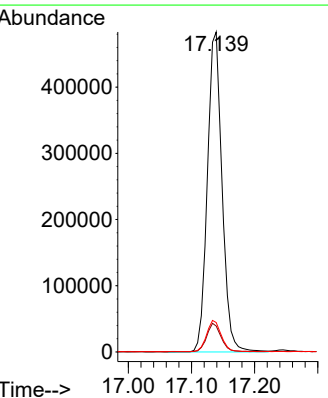
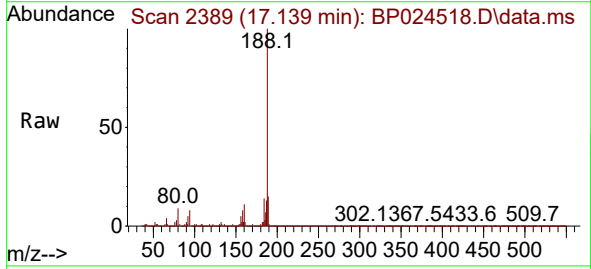
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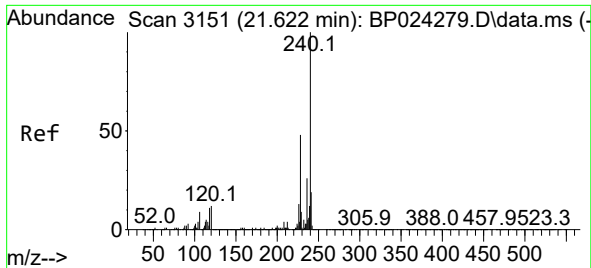
Tgt Ion	Resp	Ion Ratio	Lower	Upper
77	81022	100		
182	84.0	7.3	7.3	47.3#
105	152.7	2.3	2.3	42.3#
51	36.8	3.4	3.4	43.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.139 min Scan# 2389
 Delta R.T. -0.006 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Tgt Ion	Resp	Ion Ratio	Lower	Upper
188	776902	100		
94	8.1	8.6	8.6	13.0#
80	9.2	9.8	9.8	14.6#



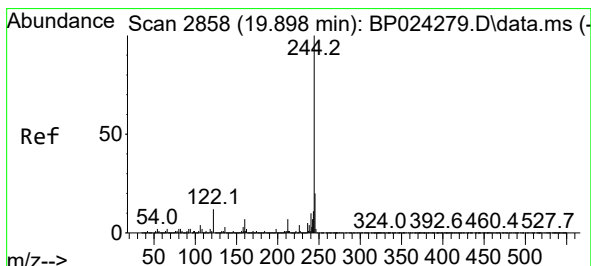
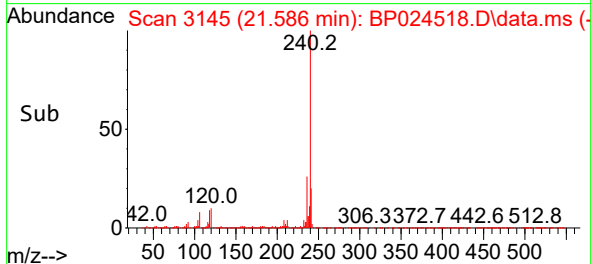
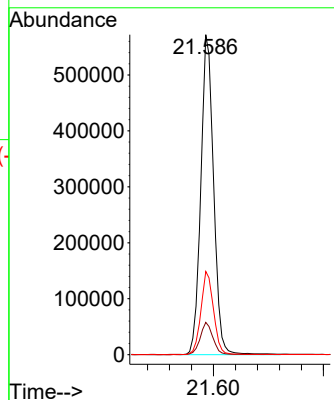
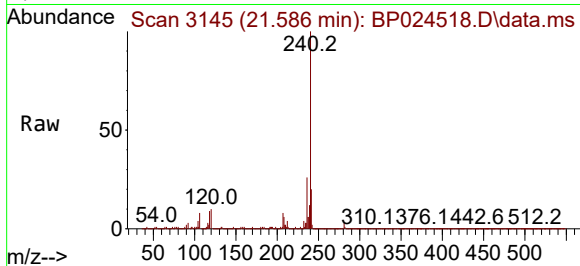


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.586 min Scan# 3151
 Delta R.T. -0.006 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Instrument :
 BNA_P
 ClientSampleId :
 COMP-7

Tgt Ion:240 Resp: 925174

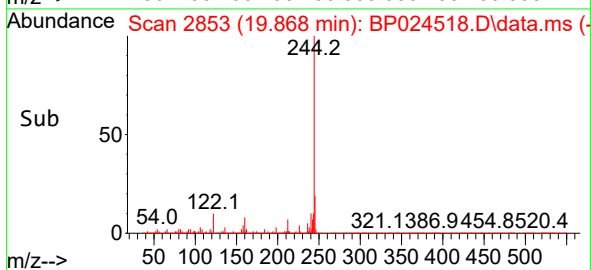
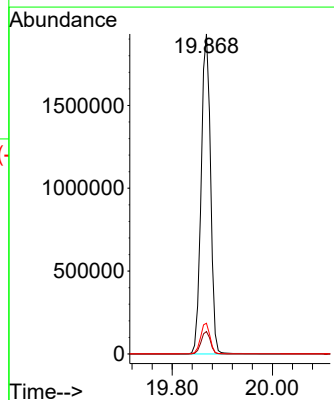
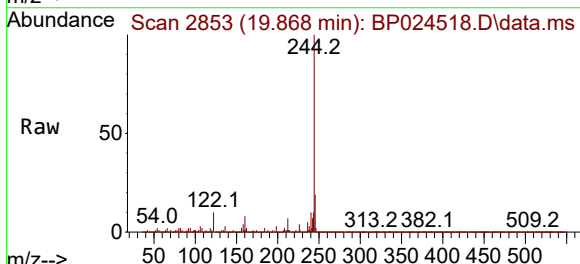
Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.8	14.8
236	26.0	20.9	31.3

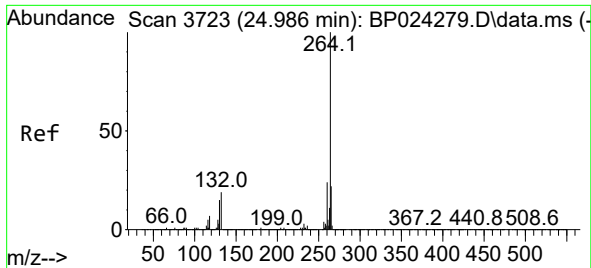


#79
 Terphenyl-d14
 Concen: 54.382 ng
 RT: 19.868 min Scan# 2853
 Delta R.T. -0.006 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Tgt Ion:244 Resp: 2496105

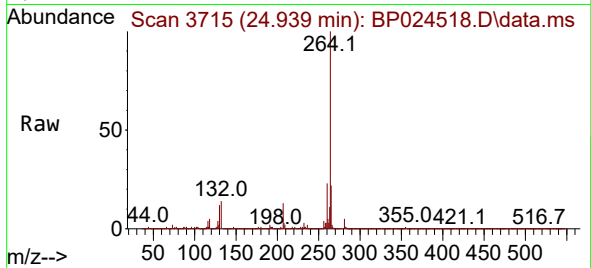
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.6	9.4	14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.939 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP024518.D
 Acq: 02 May 2025 21:06

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 1071217
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.8 17.8 26.6

