

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
 Data File : BP024500.D
 Acq On : 01 May 2025 20:17
 Operator : RC/JU
 Sample : Q1910-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0123-27

Quant Time: May 02 01:53:16 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)

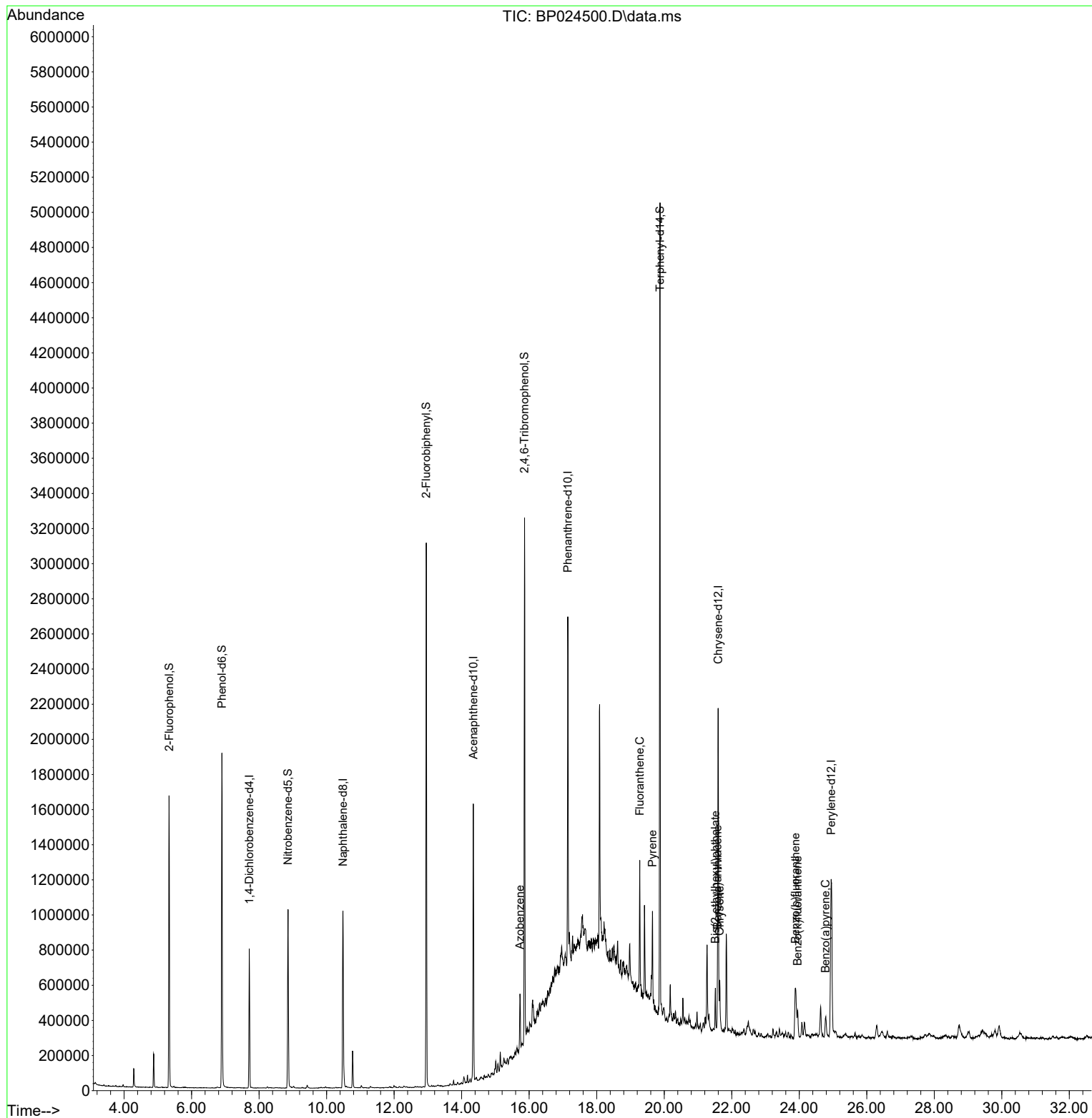
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	206649	20.000	ng	-0.01
21) Naphthalene-d8	10.486	136	886765	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	551875	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1098258	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	966788	20.000	ng	# 0.00
86) Perylene-d12	24.945	264	1092066	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	711844	56.957	ng	-0.01
7) Phenol-d6	6.898	99	1084317	63.361	ng	-0.01
23) Nitrobenzene-d5	8.857	82	596042	38.327	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	619583	81.145	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1522409	42.237	ng	-0.01
79) Terphenyl-d14	19.874	244	2239820	46.698	ng	0.00
Target Compounds						
						Qvalue
63) Azobenzene	15.727	77	92089	2.423	ng	# 1
75) Fluoranthene	19.274	202	395404	5.549	ng	97
78) Pyrene	19.651	202	327290	5.327	ng	99
81) Benzo(a)anthracene	21.574	228	126777	2.110	ng	99
83) Chrysene	21.645	228	227348	3.949	ng	97
84) Bis(2-ethylhexyl)phtha...	21.515	149	105210	2.727	ng	# 96
88) Benzo(b)fluoranthene	23.886	252	367185	5.609	ng	97
89) Benzo(k)fluoranthene	23.950	252	131292	2.076	ng	95
90) Benzo(a)pyrene	24.780	252	132393	2.345	ng	95

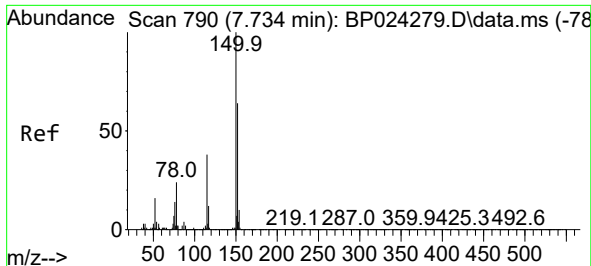
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
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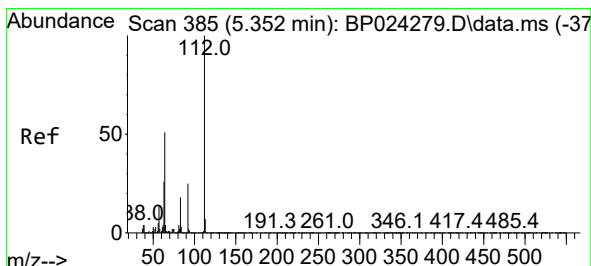
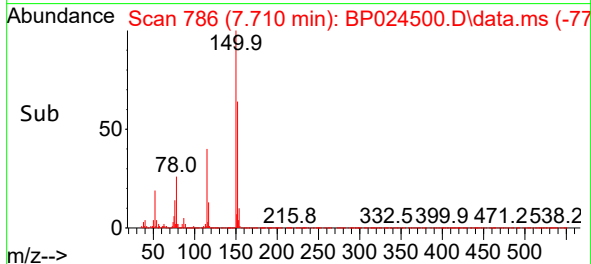
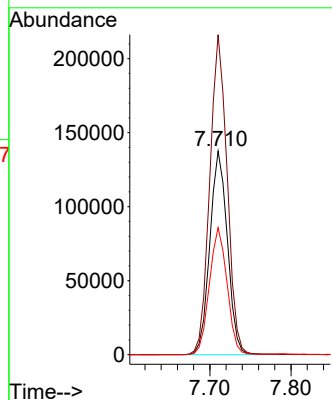
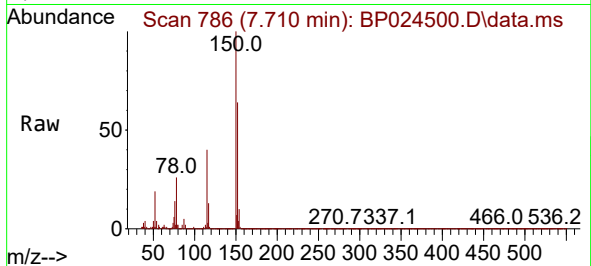




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

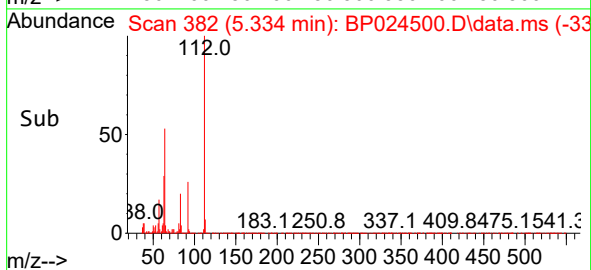
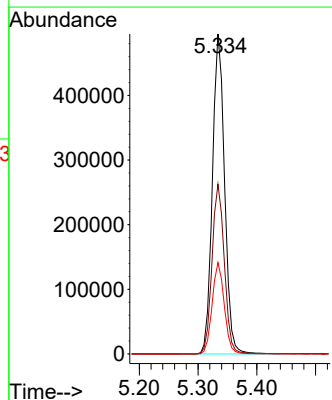
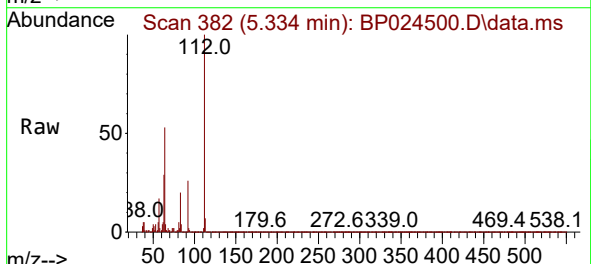
Instrument :
BNA_P
ClientSampleId :
MOO-25-0123-27

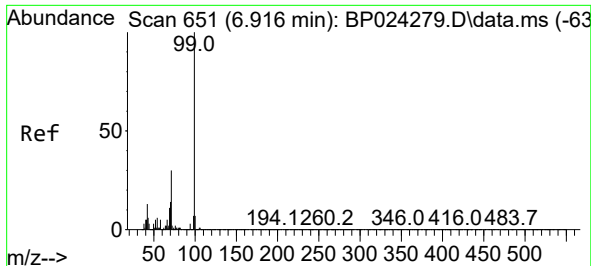
Tgt Ion:152 Resp: 206649
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 56.957 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

Tgt Ion:112 Resp: 711844
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 28.5 20.6 30.8

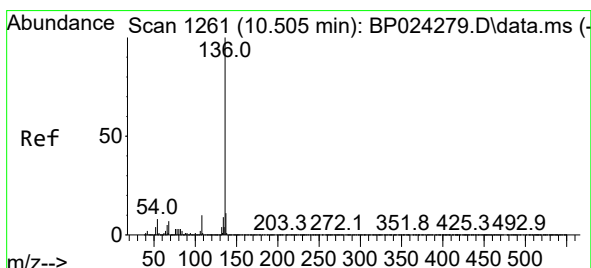
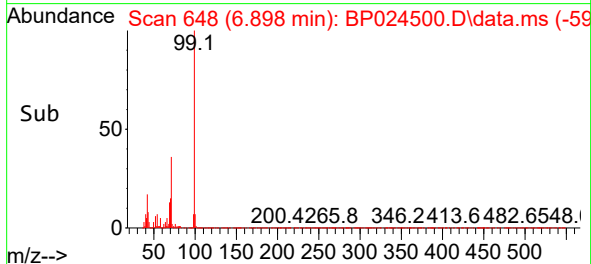
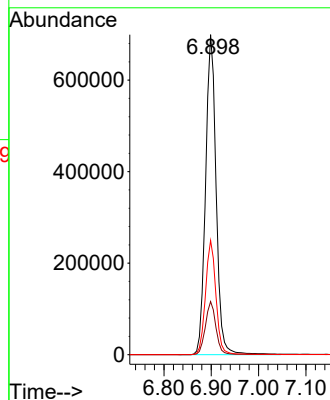
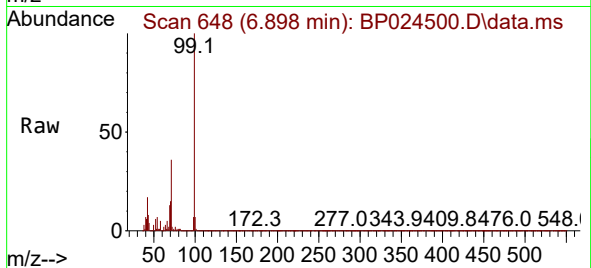




#7
Phenol-d6
Concen: 63.361 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

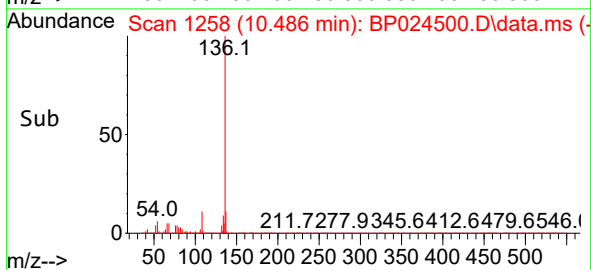
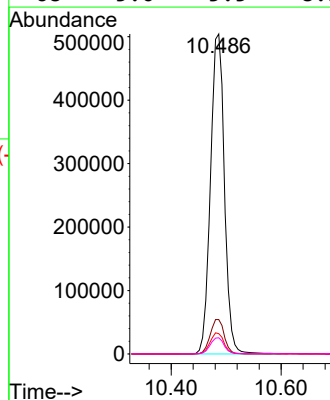
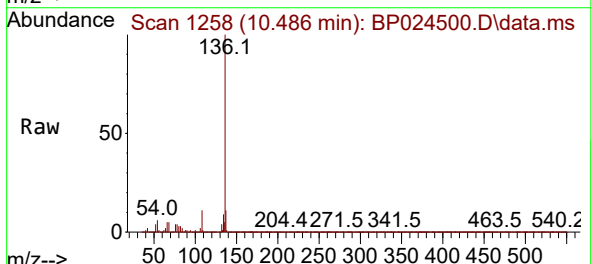
Instrument :
BNA_P
ClientSampleId :
MOO-25-0123-27

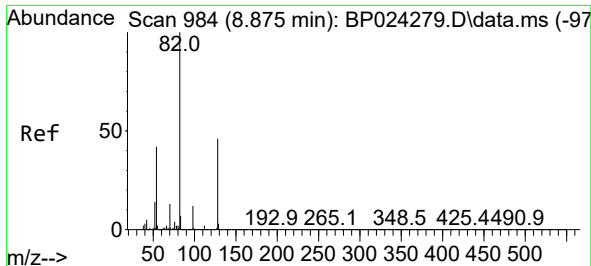
Tgt Ion: 99 Resp: 1084317
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.7 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.486 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

Tgt Ion:136 Resp: 886765
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.4 6.0 9.0
68 5.0 5.5 8.3#

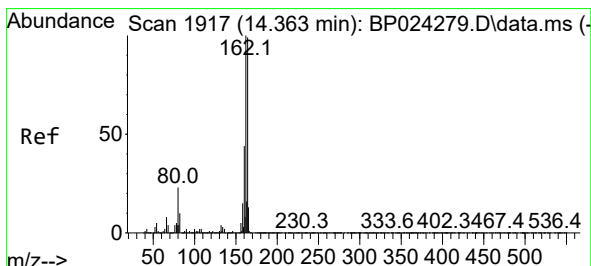
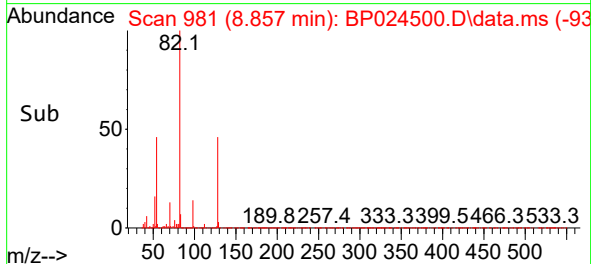
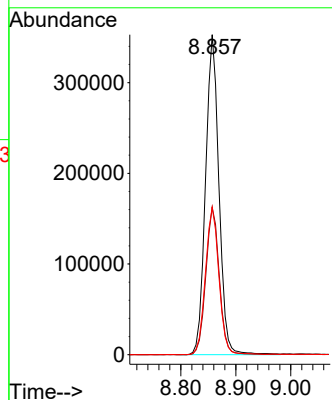
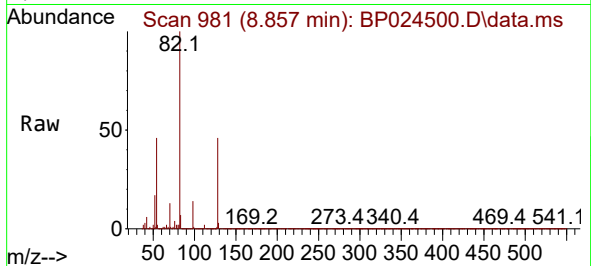




#23
Nitrobenzene-d5
Concen: 38.327 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

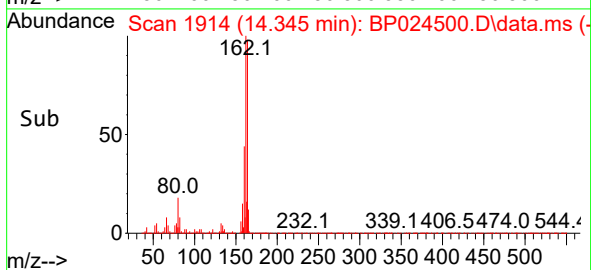
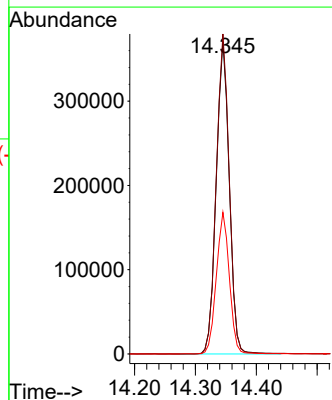
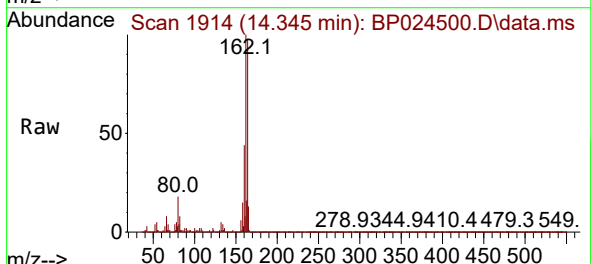
Instrument :
BNA_P
ClientSampleId :
MOO-25-0123-27

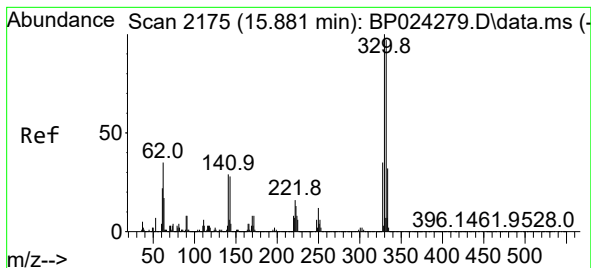
Tgt Ion: 82 Resp: 596042
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 46.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

Tgt Ion: 164 Resp: 551875
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 81.145 ng

RT: 15.863 min Scan# 2175

Delta R.T. -0.000 min

Lab File: BP024500.D

Acq: 01 May 2025 20:17

Instrument :

BNA_P

ClientSampleId :

MOO-25-0123-27

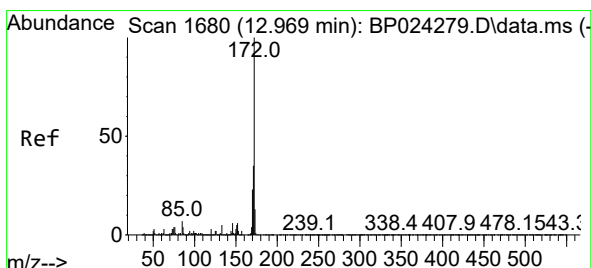
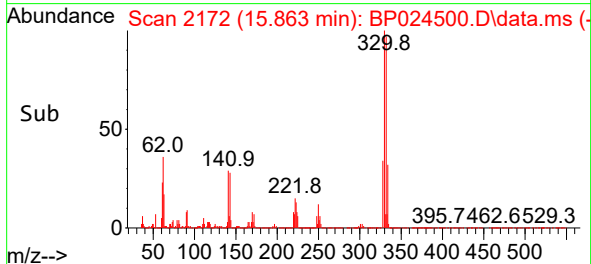
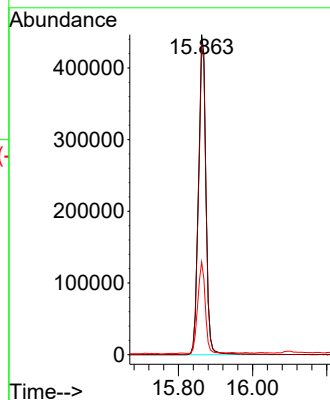
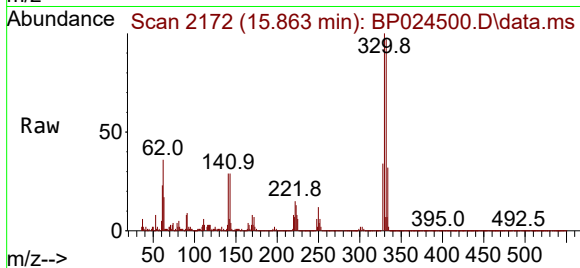
Tgt Ion:330 Resp: 619583

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 28.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 42.237 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024500.D

Acq: 01 May 2025 20:17

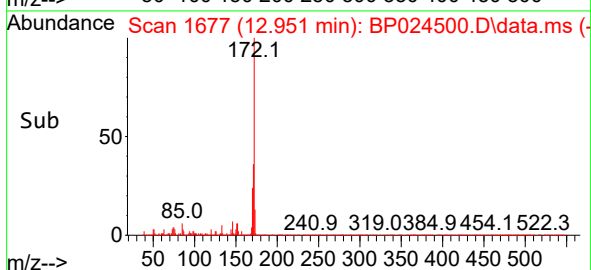
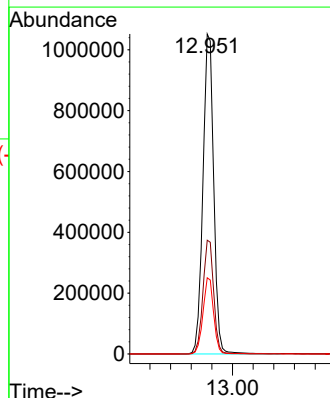
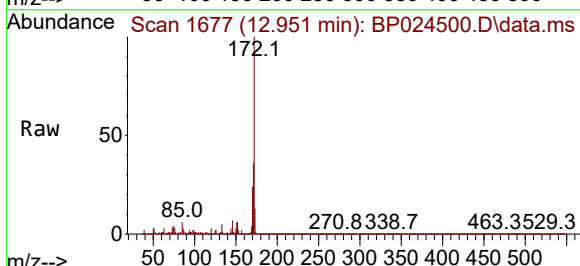
Tgt Ion:172 Resp: 1522409

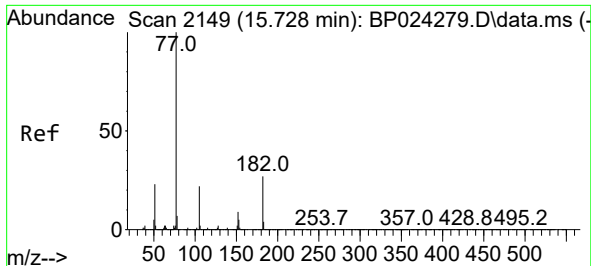
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.8 18.6 27.8

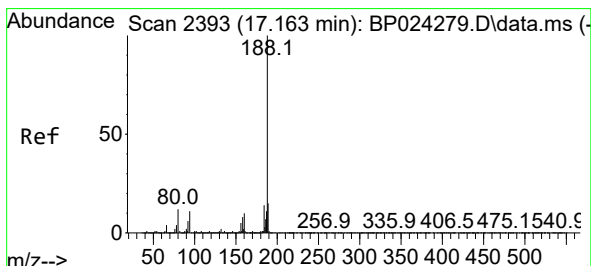
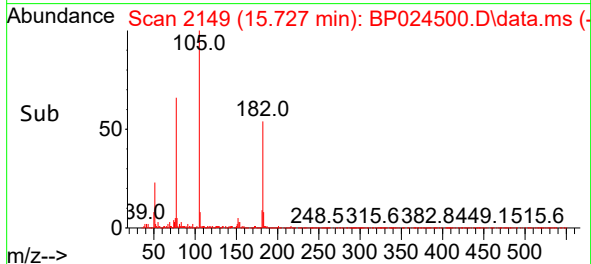
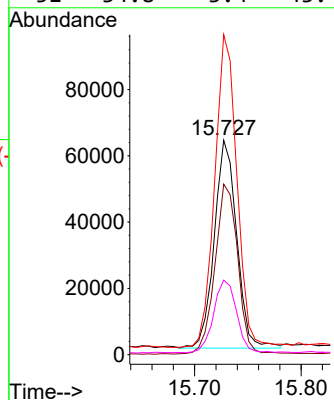
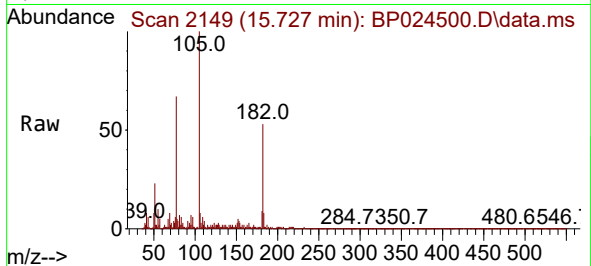




#63
Azobenzene
Concen: 2.423 ng
RT: 15.727 min Scan# 2149
Delta R.T. 0.017 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

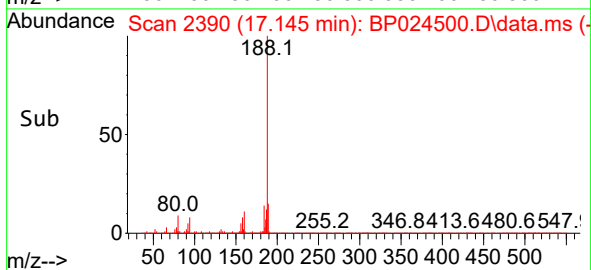
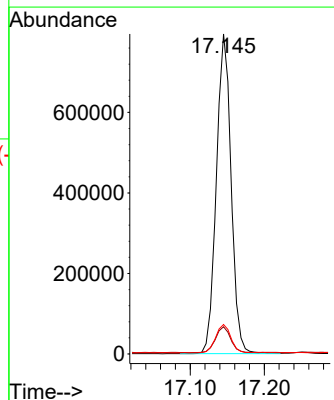
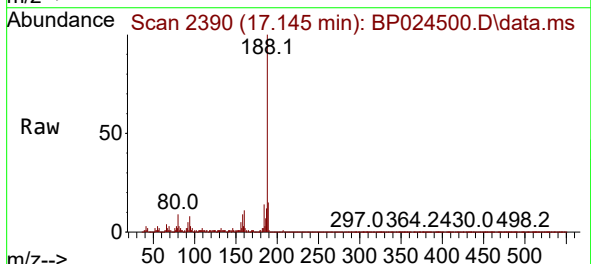
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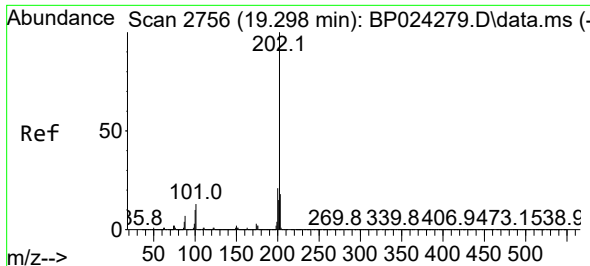
Tgt Ion: 77	Resp: 92089
Ion Ratio	Lower Upper
77 100	
182 79.5	7.3 47.3#
105 149.2	2.3 42.3#
51 34.8	3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

Tgt Ion: 188	Resp: 1098258
Ion Ratio	Lower Upper
188 100	
94 8.5	8.6 13.0#
80 9.2	9.8 14.6#

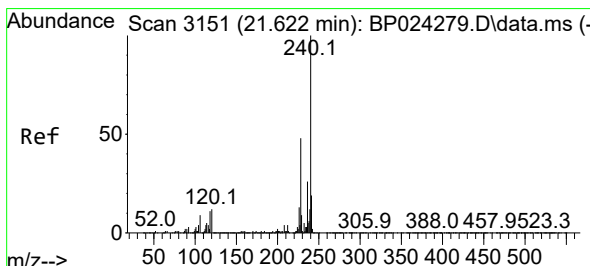
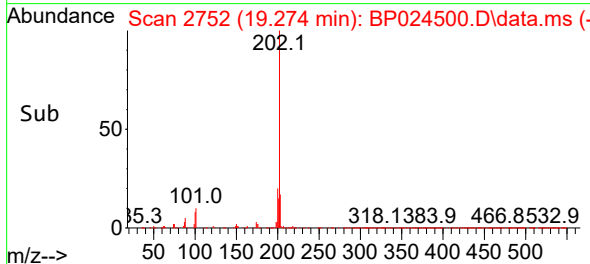
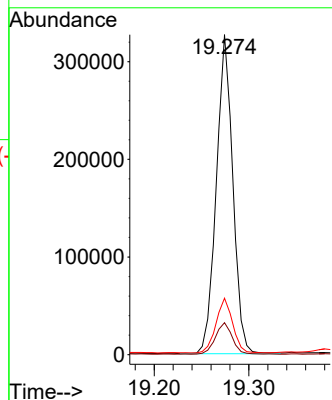
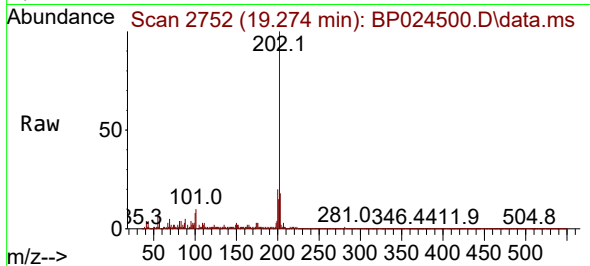




#75
Fluoranthene
Concen: 5.549 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

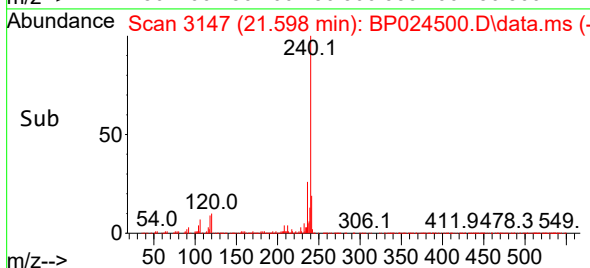
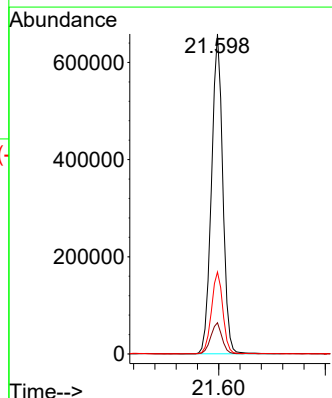
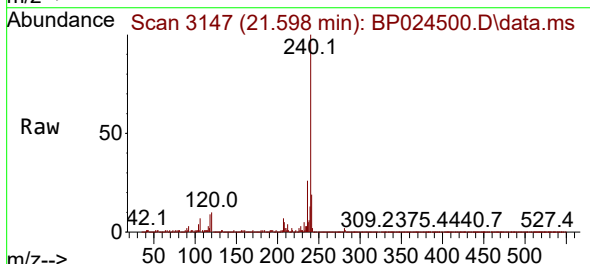
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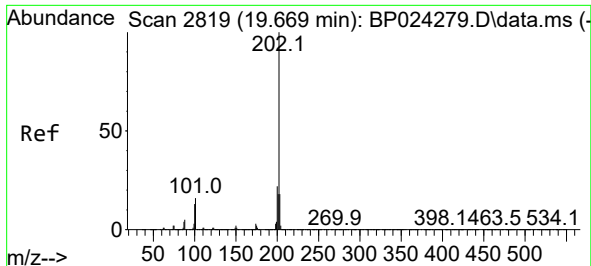
Tgt Ion:202 Resp: 395404
Ion Ratio Lower Upper
202 100
101 10.0 0.0 33.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

Tgt Ion:240 Resp: 966788
Ion Ratio Lower Upper
240 100
120 9.8 9.8 14.8#
236 25.6 20.9 31.3

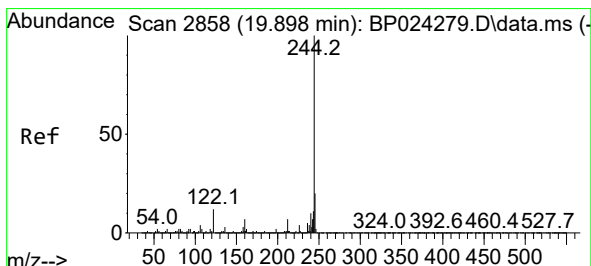
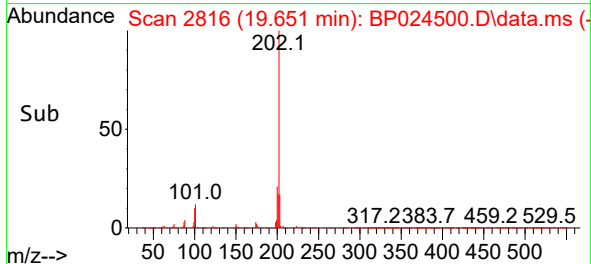
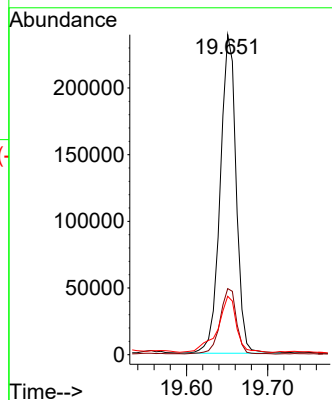
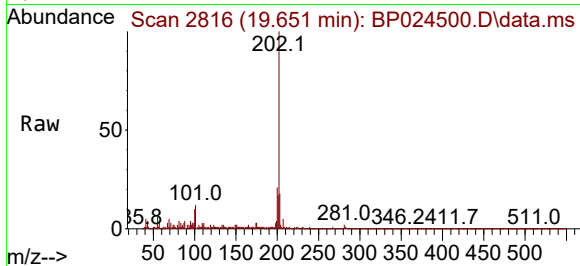




#78
Pyrene
Concen: 5.327 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

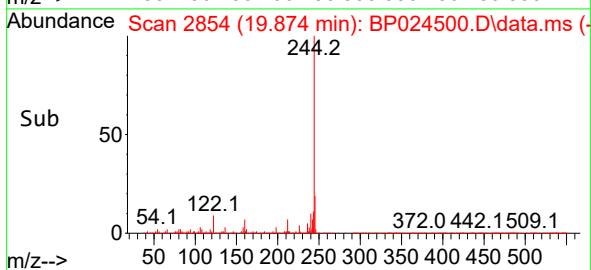
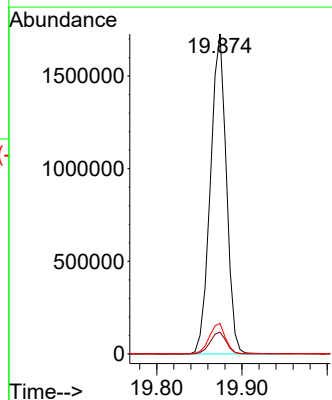
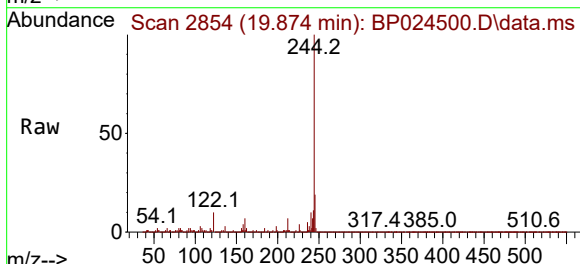
Instrument :
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ClientSampleId :
MOO-25-0123-27

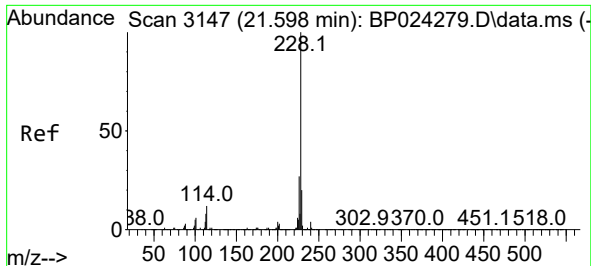
Tgt Ion:202 Resp: 327290
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 18.3 14.4 21.6



#79
Terphenyl-d14
Concen: 46.698 ng
RT: 19.874 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

Tgt Ion:244 Resp: 2239820
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 9.5 9.4 14.0

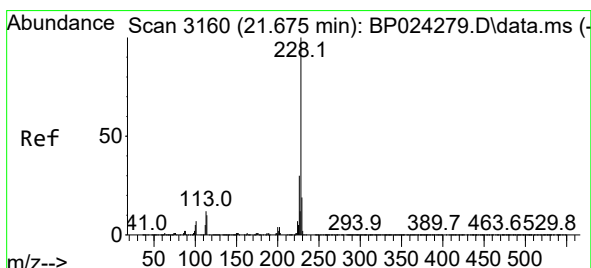
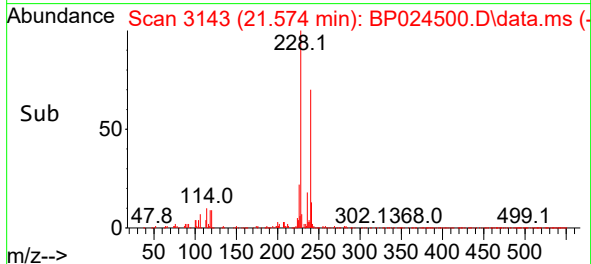
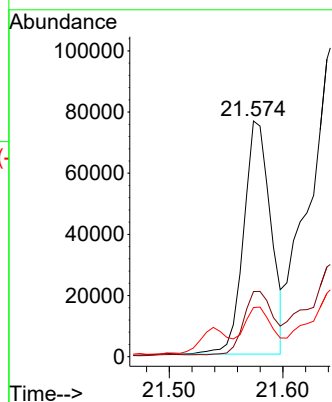
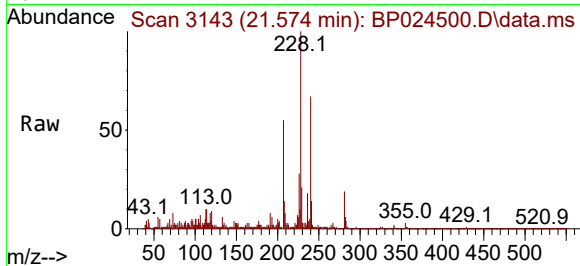




#81
Benzo(a)anthracene
Concen: 2.110 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

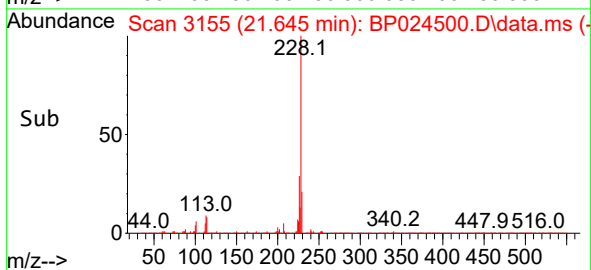
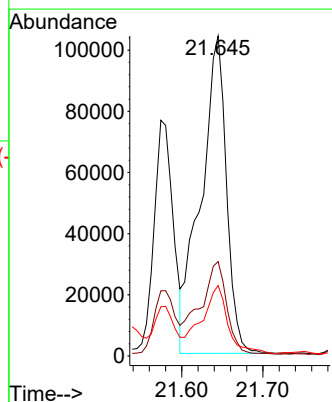
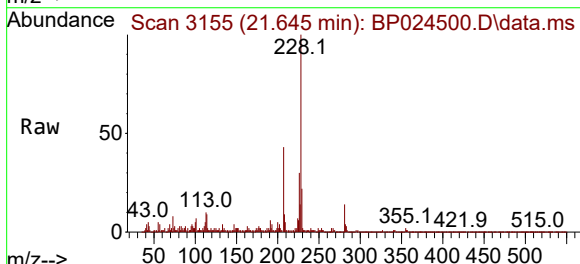
Instrument :
BNA_P
ClientSampleId :
MOO-25-0123-27

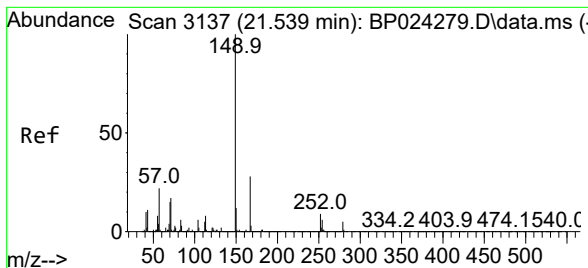
Tgt Ion:228 Resp: 126777
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 20.8 15.9 23.9



#83
Chrysene
Concen: 3.949 ng
RT: 21.645 min Scan# 3155
Delta R.T. 0.006 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

Tgt Ion:228 Resp: 227348
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 22.0 15.6 23.4

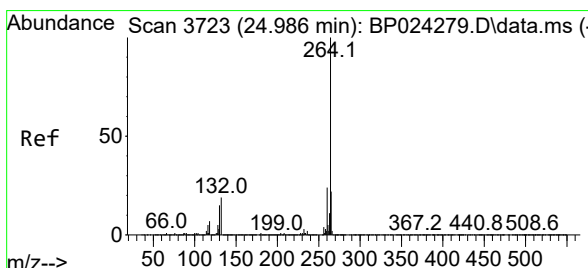
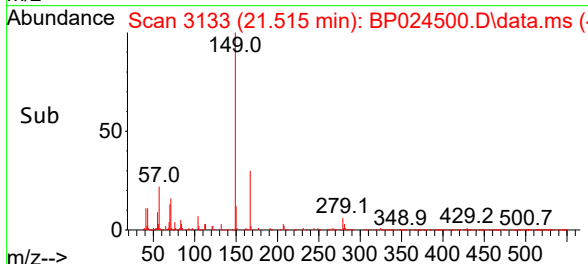
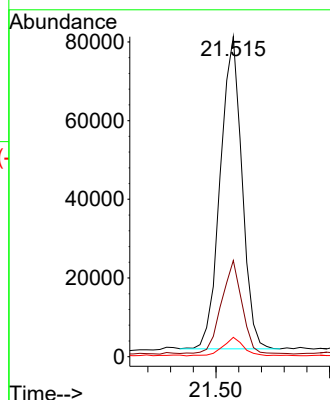
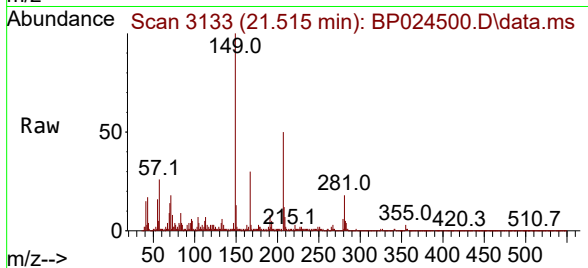




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.727 ng
 RT: 21.515 min Scan# 3133
 Delta R.T. 0.006 min
 Lab File: BP024500.D
 Acq: 01 May 2025 20:17

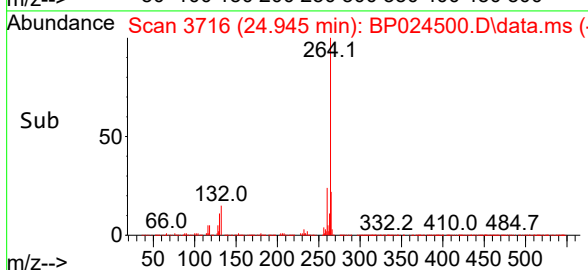
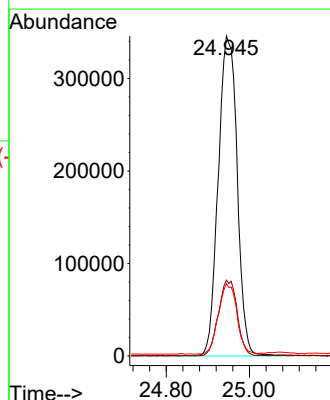
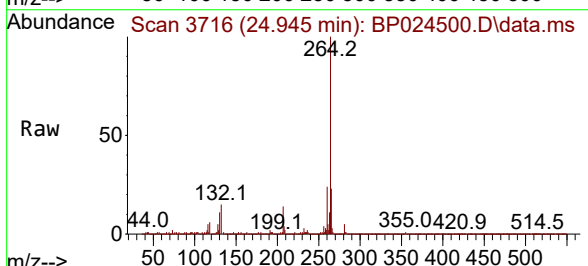
Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0123-27

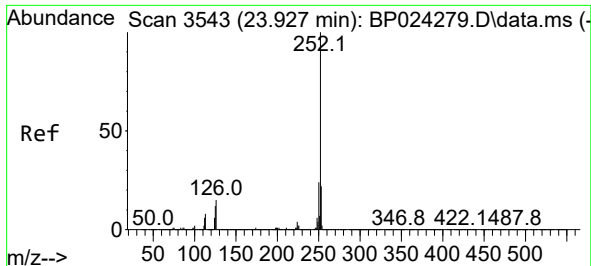
Tgt Ion:149 Resp: 105210
 Ion Ratio Lower Upper
 149 100
 167 30.0 22.4 33.6
 279 6.1 4.0 6.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.945 min Scan# 3716
 Delta R.T. 0.011 min
 Lab File: BP024500.D
 Acq: 01 May 2025 20:17

Tgt Ion:264 Resp: 1092066
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.6 17.8 26.6

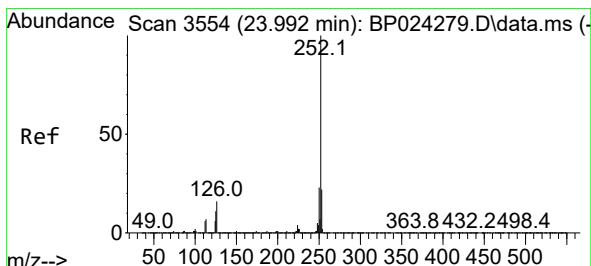
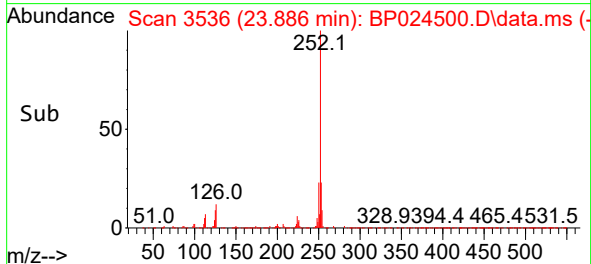
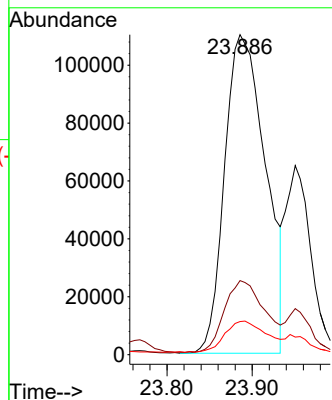
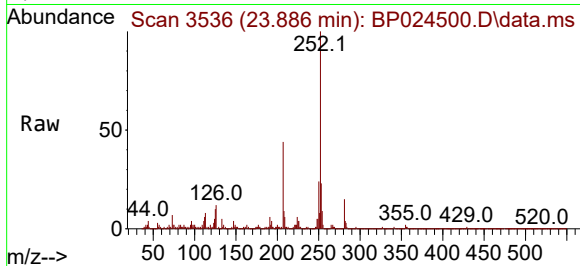




#88
Benzo(b)fluoranthene
Concen: 5.609 ng
RT: 23.886 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

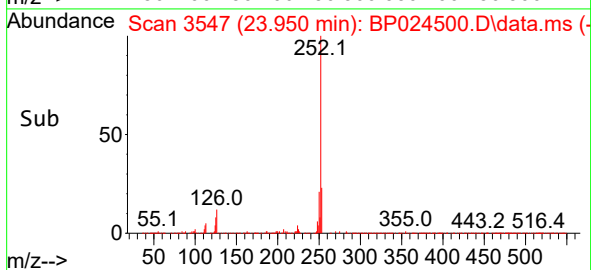
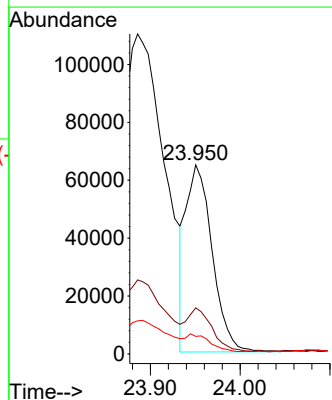
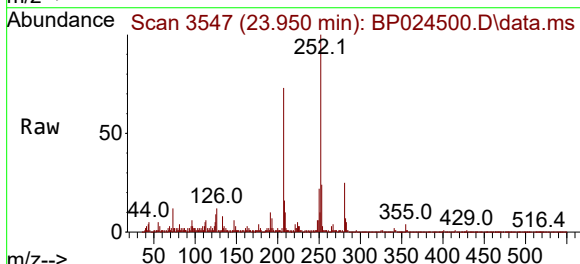
Instrument :
BNA_P
ClientSampleId :
MOO-25-0123-27

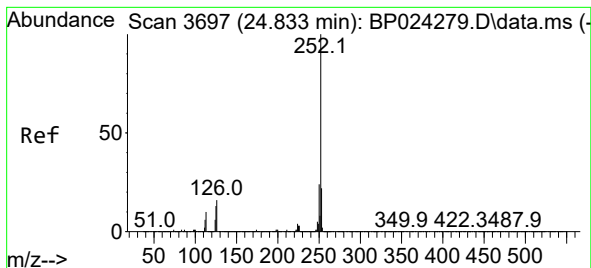
Tgt Ion:252 Resp: 367185
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 10.4 9.4 14.0



#89
Benzo(k)fluoranthene
Concen: 2.076 ng
RT: 23.950 min Scan# 3547
Delta R.T. -0.006 min
Lab File: BP024500.D
Acq: 01 May 2025 20:17

Tgt Ion:252 Resp: 131292
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 9.3 9.1 13.7





#90

Benzo(a)pyrene

Concen: 2.345 ng

RT: 24.780 min Scan# 30

Delta R.T. -0.000 min

Lab File: BP024500.D

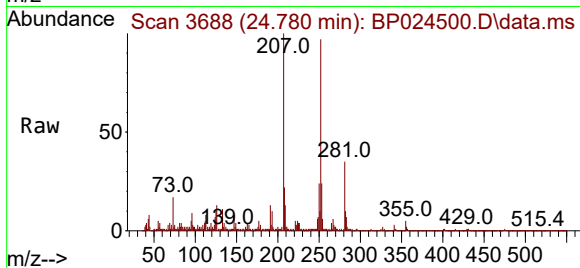
Acq: 01 May 2025 20:17

Instrument :

BNA_P

ClientSampleId :

MOO-25-0123-27



Tgt Ion:252 Resp: 132393

Ion Ratio Lower Upper

252 100

253 24.3 17.6 26.4

125 10.4 10.1 15.1

