

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025168.D
 Acq On : 16 Jul 2025 21:45
 Operator : CG/JU
 Sample : Q2565-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0196

Quant Time: Jul 17 01:11:40 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)

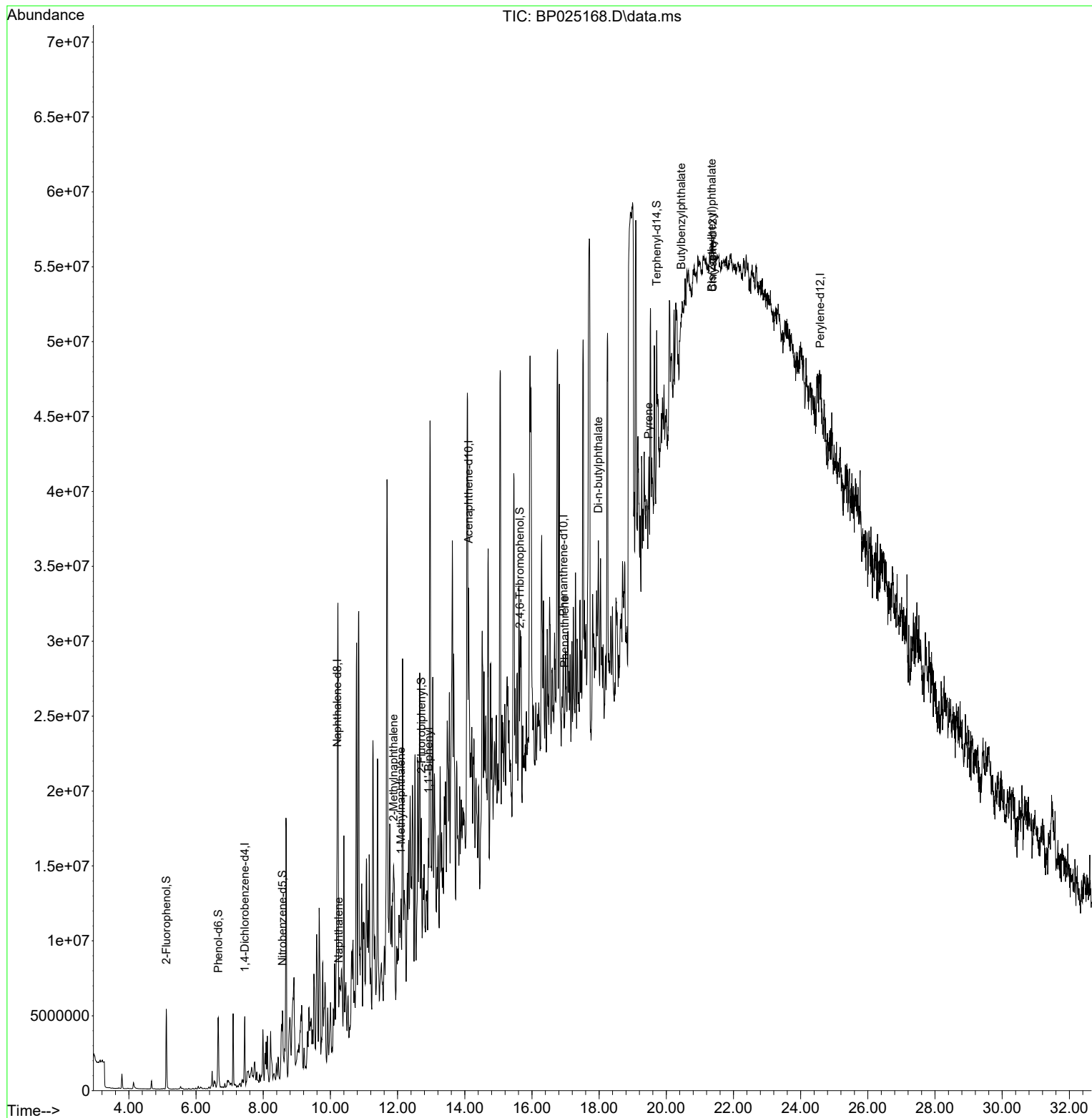
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.449	152	690779	20.000	ng	0.00
21) Naphthalene-d8	10.201	136	2330418	20.000	ng	# 0.02
39) Acenaphthene-d10	14.113	164	1417432	20.000	ng	0.02
64) Phenanthrene-d10	16.936	188	2755435	20.000	ng	# 0.03
76) Chrysene-d12	21.383	240	1919040	20.000	ng	0.04
86) Perylene-d12	24.583	264	3171322	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.113	112	2614856	67.071	ng	0.02
7) Phenol-d6	6.660	99	3286810	64.604	ng	0.03
23) Nitrobenzene-d5	8.572	82	2057563	58.718	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	1467429	87.636	ng	0.02
45) 2-Fluorobiphenyl	12.707	172	4912833	53.694	ng	0.01
79) Terphenyl-d14	19.713	244	6431645	73.659	ng	0.04
Target Compounds						Qvalue
31) Naphthalene	10.248	128	548016	4.567	ng	# 84
37) 2-Methylnaphthalene	11.878	142	2156710	25.473	ng	95
38) 1-Methylnaphthalene	12.101	142	1241904	15.040	ng	# 97
46) 1,1'-Biphenyl	12.919	154	955989	9.270	ng	94
71) Phenanthrene	16.978	178	740564	5.030	ng	# 71
74) Di-n-butylphthalate	17.972	149	933309	6.068	ng	# 88
78) Pyrene	19.472	202	1147836	9.657	ng	# 90
80) Butylbenzylphthalate	20.448	149	391119	11.568	ng	90
84) Bis(2-ethylhexyl)phtha...	21.354	149	3465626	55.556	ng	# 84

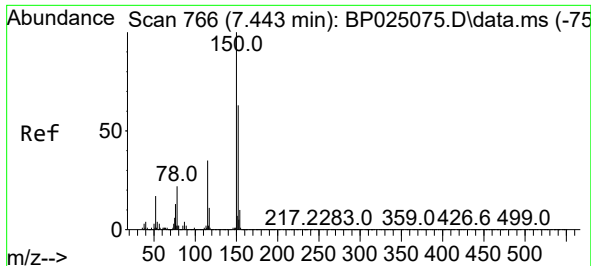
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
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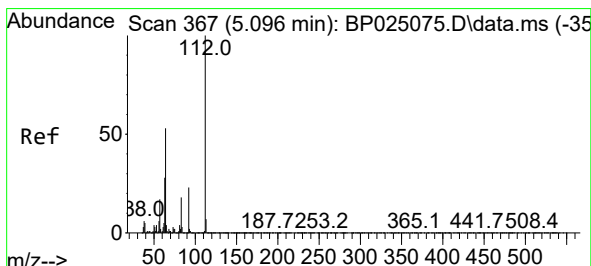
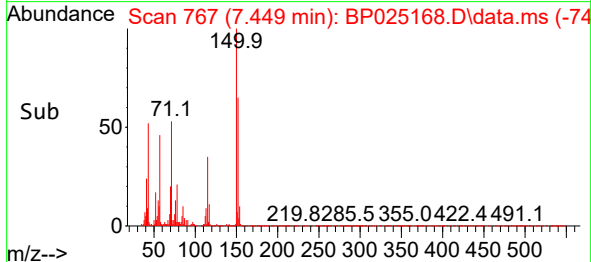
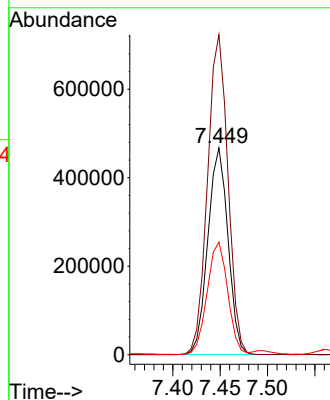
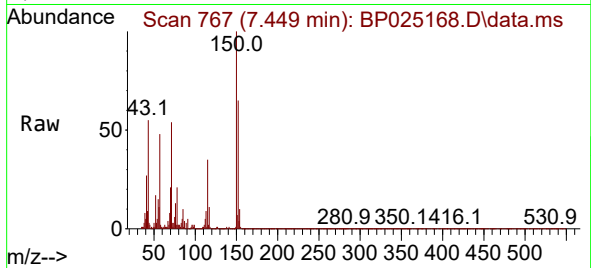




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.449 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025168.D
Acq: 16 Jul 2025 21:45

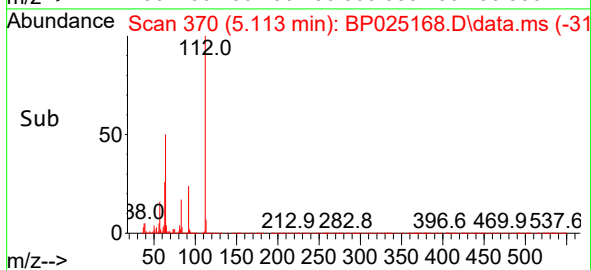
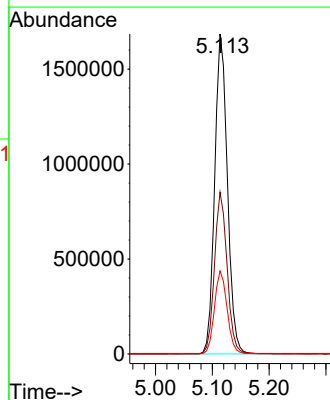
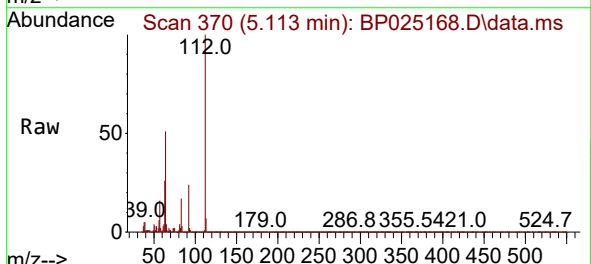
Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

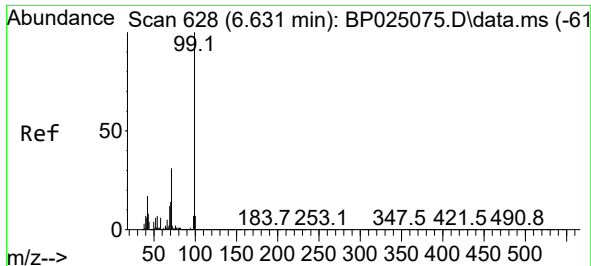
Tgt Ion:152 Resp: 690779
Ion Ratio Lower Upper
152 100
150 154.8 126.1 189.1
115 54.5 44.3 66.5



#5
2-Fluorophenol
Concen: 67.071 ng
RT: 5.113 min Scan# 370
Delta R.T. 0.018 min
Lab File: BP025168.D
Acq: 16 Jul 2025 21:45

Tgt Ion:112 Resp: 2614856
Ion Ratio Lower Upper
112 100
64 50.5 42.0 63.0
63 25.9 22.2 33.2

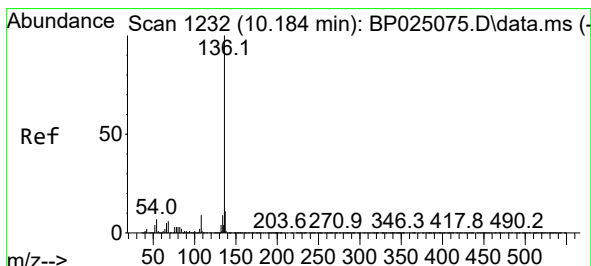
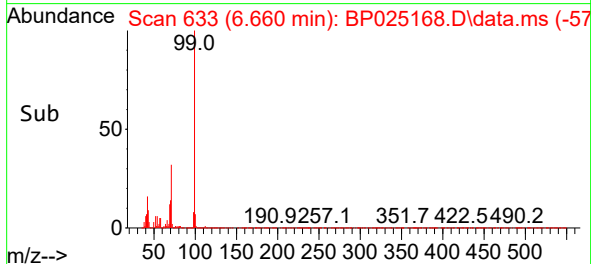
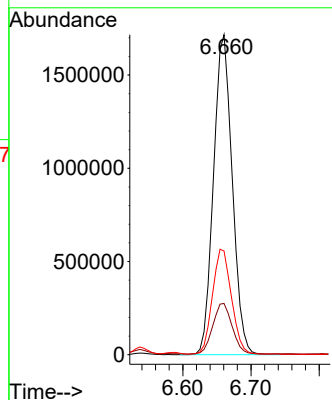
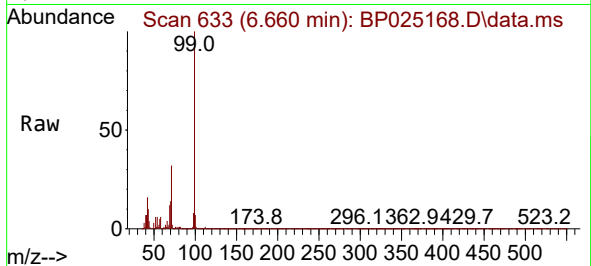




#7
Phenol-d6
Concen: 64.604 ng
RT: 6.660 min Scan# 61
Delta R.T. 0.029 min
Lab File: BP025168.D
Acq: 16 Jul 2025 21:45

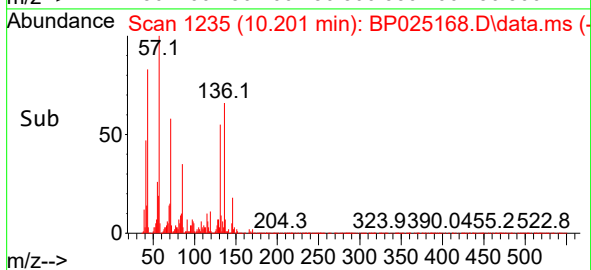
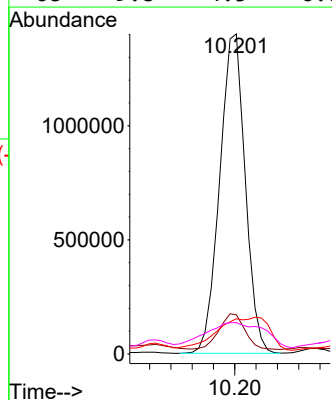
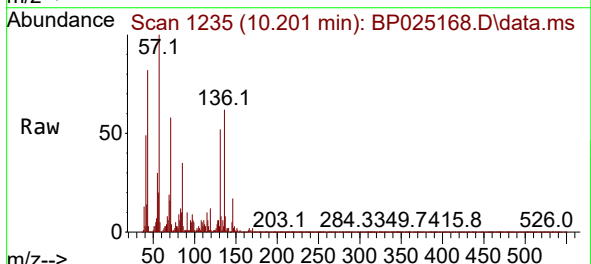
Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

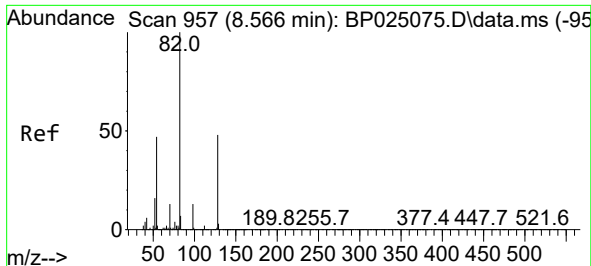
Tgt Ion: 99 Resp: 3286810
Ion Ratio Lower Upper
99 100
42 16.0 13.6 20.4
71 32.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.201 min Scan# 1235
Delta R.T. 0.018 min
Lab File: BP025168.D
Acq: 16 Jul 2025 21:45

Tgt Ion:136 Resp: 2330418
Ion Ratio Lower Upper
136 100
137 12.3 8.7 13.1
54 11.0 5.4 8.2#
68 9.8 4.5 6.7#

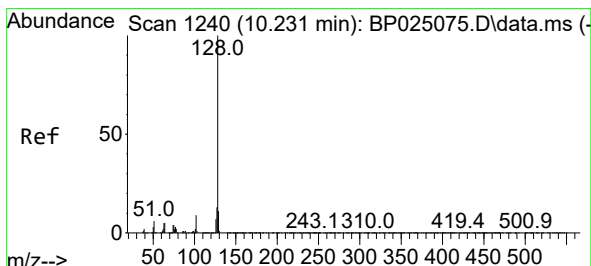
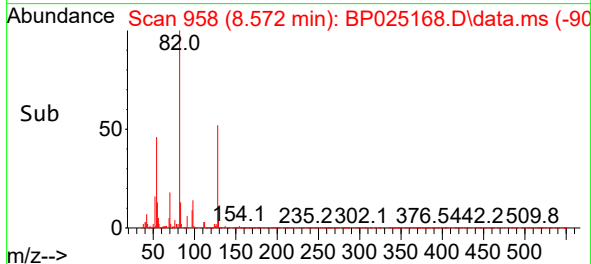
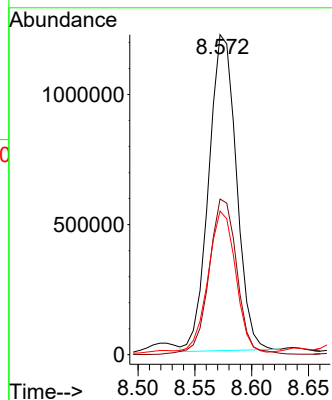
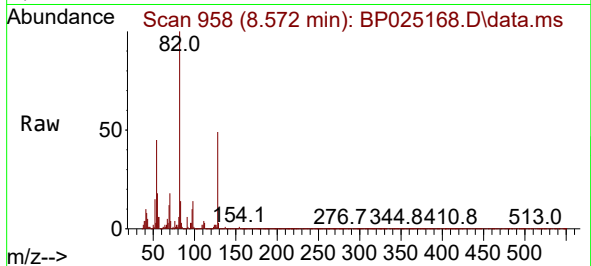




#23
Nitrobenzene-d5
Concen: 58.718 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025168.D
Acq: 16 Jul 2025 21:45

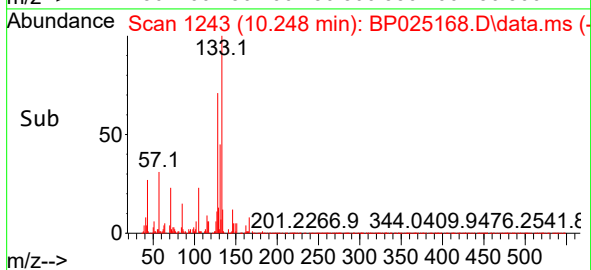
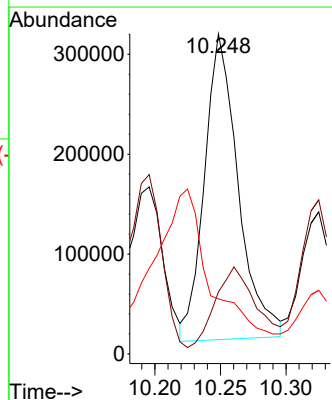
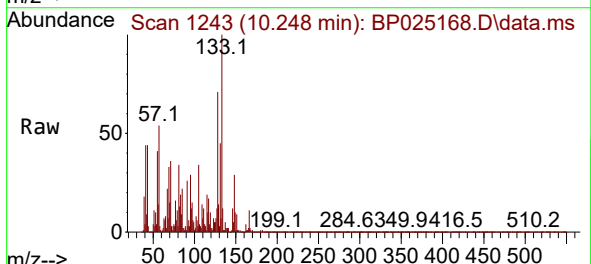
Instrument :
BNA_P
ClientSampleId :
MOO-25-0196

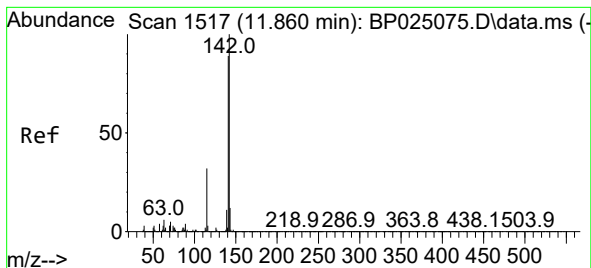
Tgt Ion: 82 Resp: 2057563
Ion Ratio Lower Upper
82 100
128 48.7 38.4 57.6
54 44.9 37.8 56.6



#31
Naphthalene
Concen: 4.567 ng
RT: 10.248 min Scan# 1243
Delta R.T. 0.018 min
Lab File: BP025168.D
Acq: 16 Jul 2025 21:45

Tgt Ion: 128 Resp: 548016
Ion Ratio Lower Upper
128 100
129 19.4 8.9 13.3#
127 17.2 10.4 15.6#





#37

2-Methylnaphthalene

Concen: 25.473 ng

RT: 11.878 min Scan# 1520

Delta R.T. 0.018 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

Instrument :

BNA_P

ClientSampleId :

MOO-25-0196

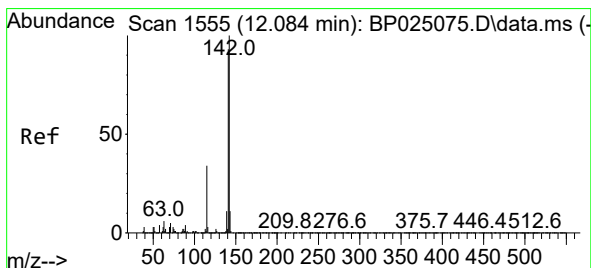
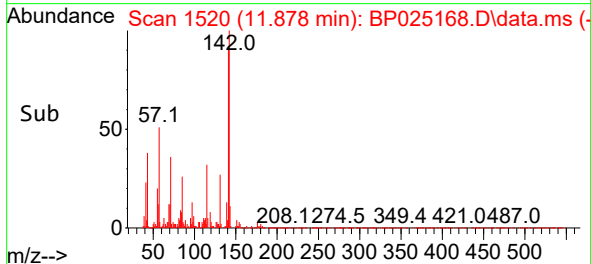
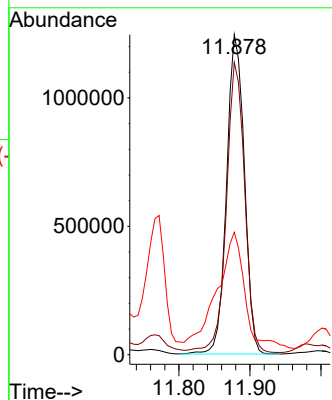
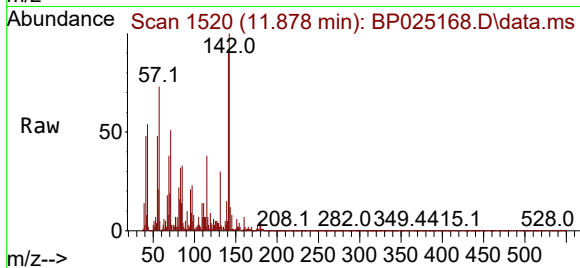
Tgt Ion:142 Resp: 2156710

Ion Ratio Lower Upper

142 100

141 91.4 71.2 106.8

115 38.2 25.9 38.9



#38

1-Methylnaphthalene

Concen: 15.040 ng

RT: 12.101 min Scan# 1558

Delta R.T. 0.018 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

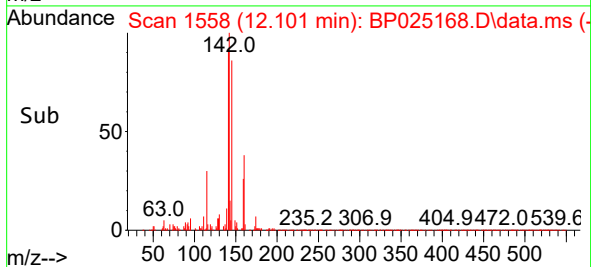
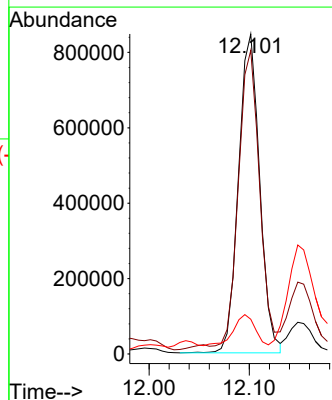
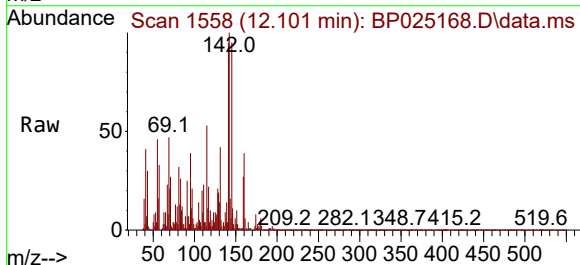
Tgt Ion:142 Resp: 1241904

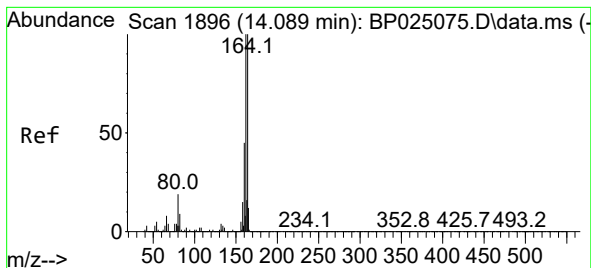
Ion Ratio Lower Upper

142 100

141 94.9 74.1 111.1

116 10.8 2.7 4.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.113 min Scan# 1900

Delta R.T. 0.024 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

Instrument :

BNA_P

ClientSampleId :

MOO-25-0196

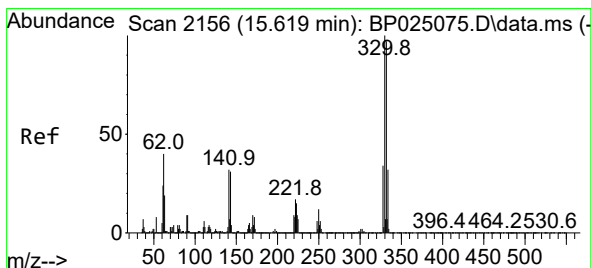
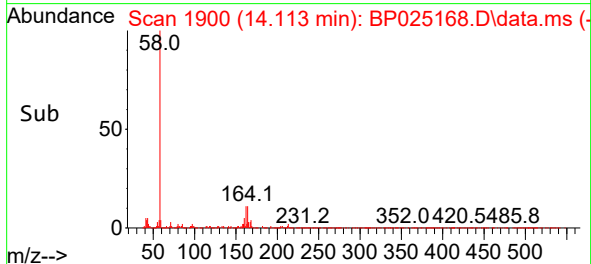
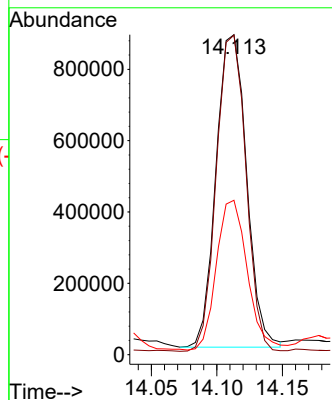
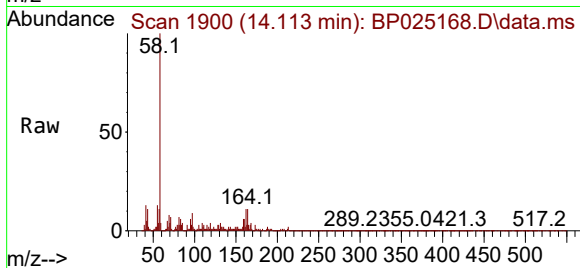
Tgt Ion:164 Resp: 1417432

Ion Ratio Lower Upper

164 100

162 99.9 80.3 120.5

160 48.3 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 87.636 ng

RT: 15.642 min Scan# 2160

Delta R.T. 0.024 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

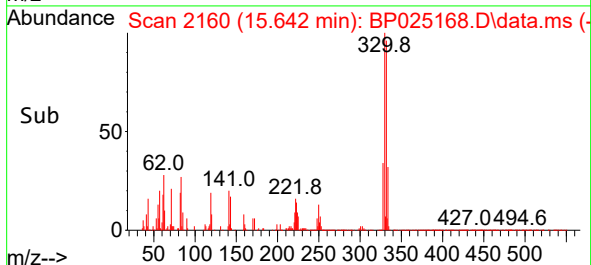
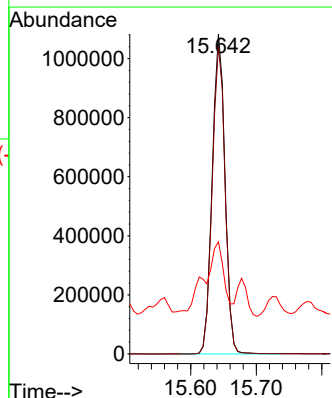
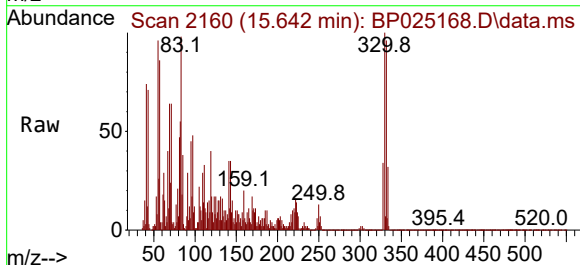
Tgt Ion:330 Resp: 1467429

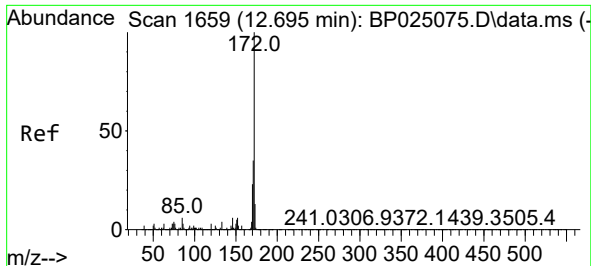
Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 31.8 26.0 39.0

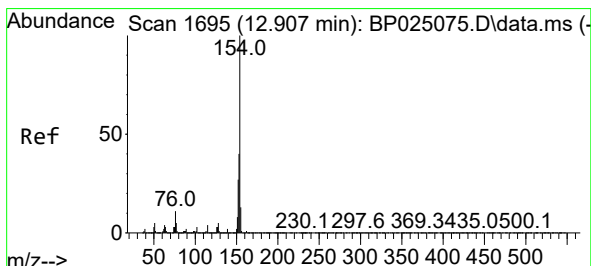
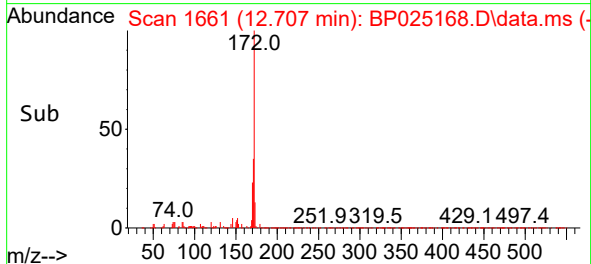
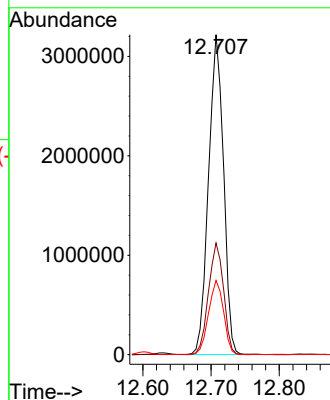
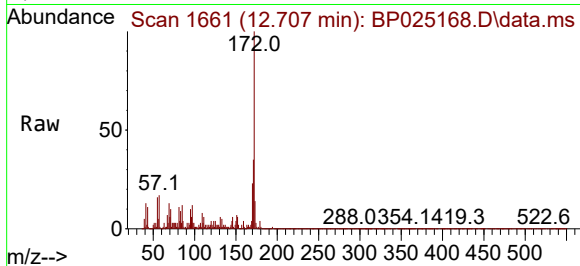




#45
2-Fluorobiphenyl
Concen: 53.694 ng
RT: 12.707 min Scan# 1661
Delta R.T. 0.012 min
Lab File: BP025168.D
Acq: 16 Jul 2025 21:45

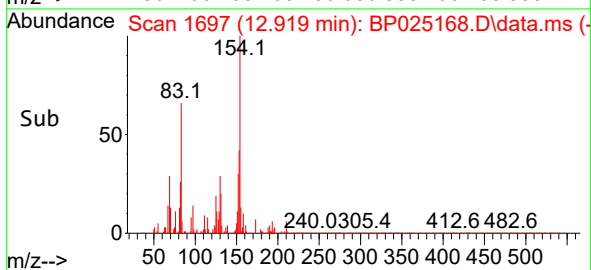
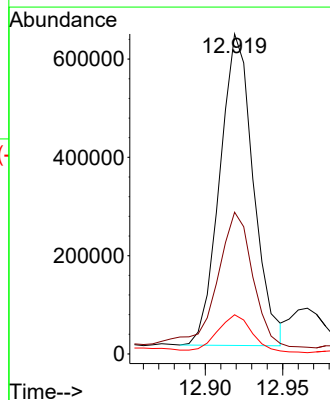
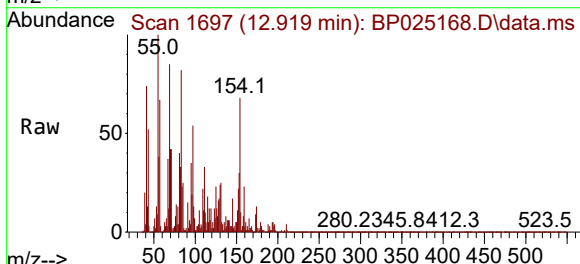
Instrument :
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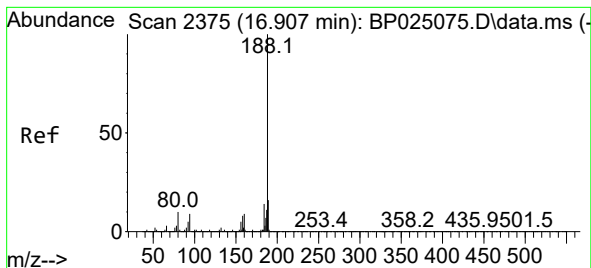
Tgt Ion:172 Resp: 4912833
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.2 18.7 28.1



#46
1,1'-Biphenyl
Concen: 9.270 ng
RT: 12.919 min Scan# 1697
Delta R.T. 0.012 min
Lab File: BP025168.D
Acq: 16 Jul 2025 21:45

Tgt Ion:154 Resp: 955989
Ion Ratio Lower Upper
154 100
153 44.3 20.2 60.2
76 12.3 0.0 31.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.936 min Scan# 21

Delta R.T. 0.029 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

Instrument :

BNA_P

ClientSampleId :

MOO-25-0196

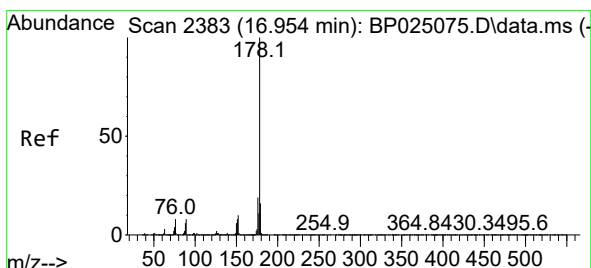
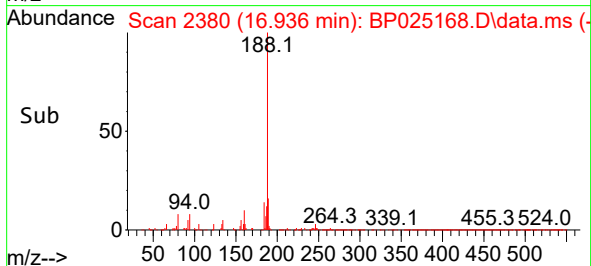
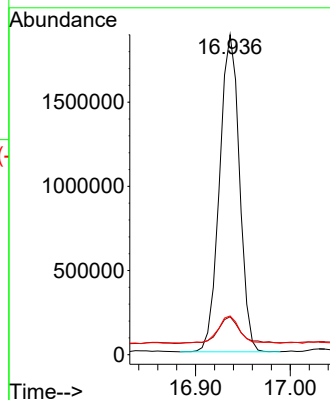
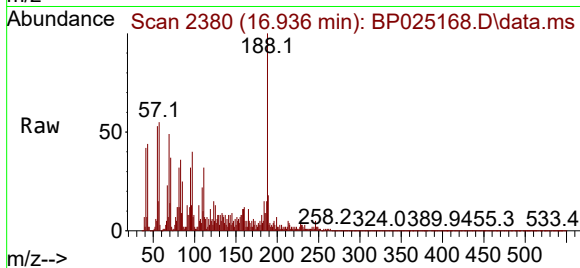
Tgt Ion:188 Resp: 2755435

Ion Ratio Lower Upper

188 100

94 11.8 7.3 10.9#

80 12.1 7.8 11.6#



#71

Phenanthrene

Concen: 5.030 ng

RT: 16.978 min Scan# 2387

Delta R.T. 0.023 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

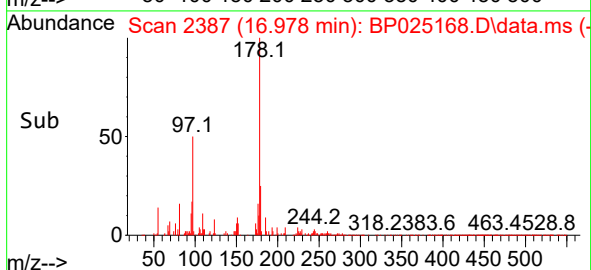
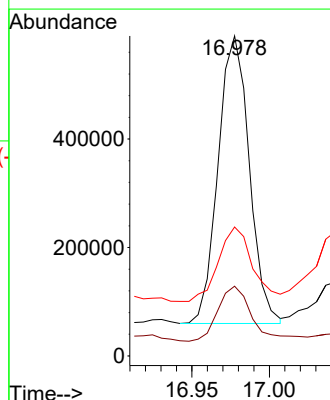
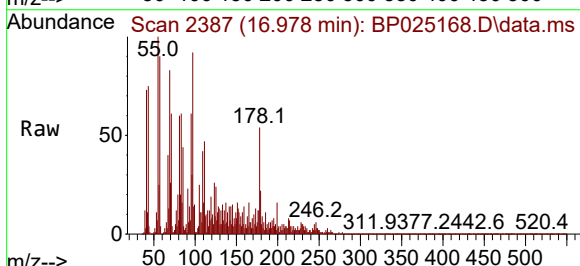
Tgt Ion:178 Resp: 740564

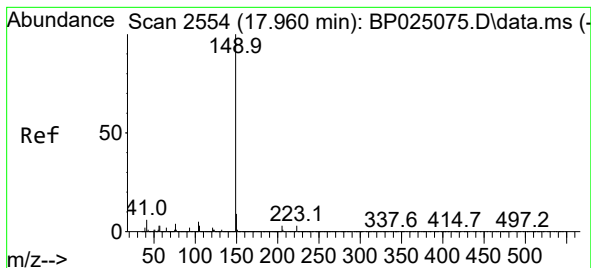
Ion Ratio Lower Upper

178 100

176 21.8 15.4 23.2

179 40.3 12.6 19.0#





#74

Di-n-butylphthalate

Concen: 6.068 ng

RT: 17.972 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

Instrument :

BNA_P

ClientSampleId :

MOO-25-0196

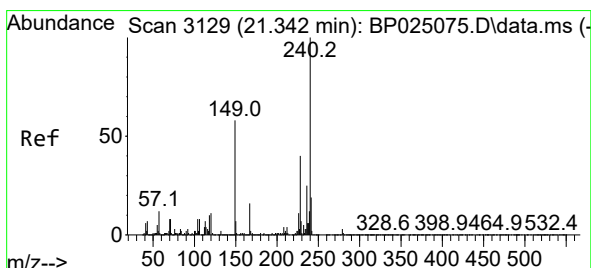
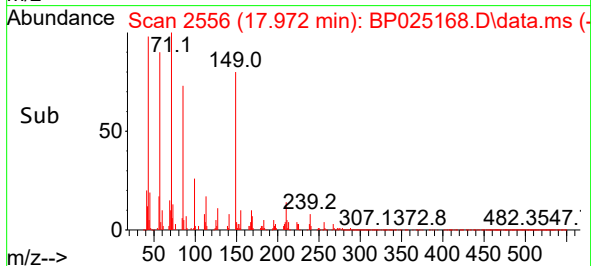
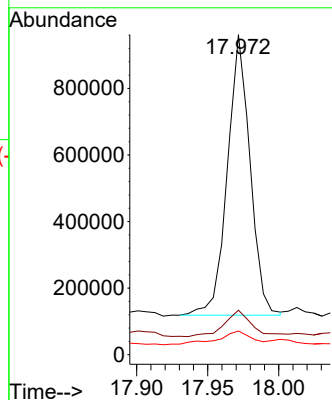
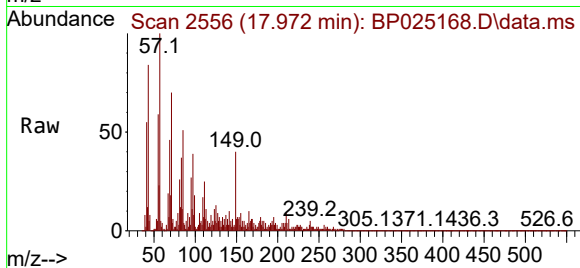
Tgt Ion:149 Resp: 933309

Ion Ratio Lower Upper

149 100

150 13.9 7.3 10.9#

104 7.4 3.8 5.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.383 min Scan# 3136

Delta R.T. 0.041 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

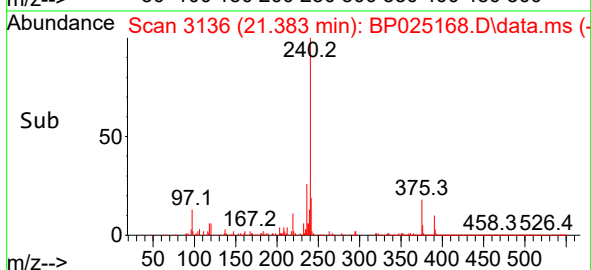
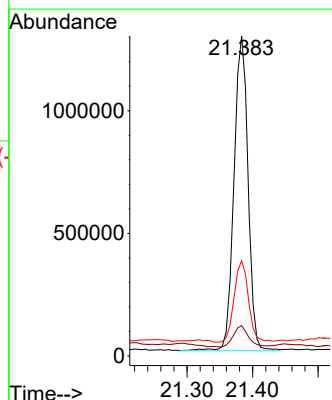
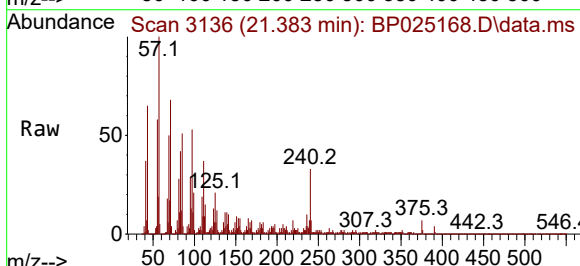
Tgt Ion:240 Resp: 1919040

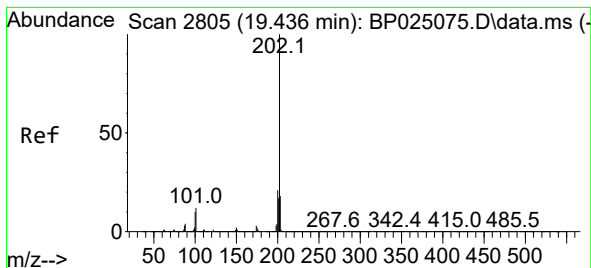
Ion Ratio Lower Upper

240 100

120 9.4 9.0 13.4

236 29.7 20.3 30.5





#78

Pyrene

Concen: 9.657 ng

RT: 19.472 min Scan# 2811

Delta R.T. 0.035 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

Instrument :

BNA_P

ClientSampleId :

MOO-25-0196

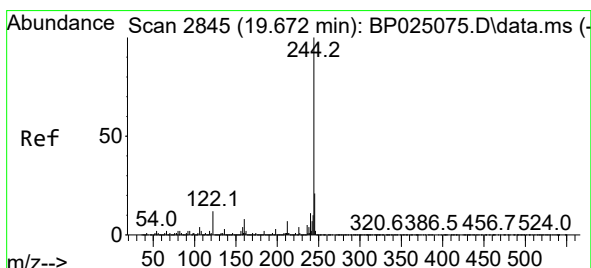
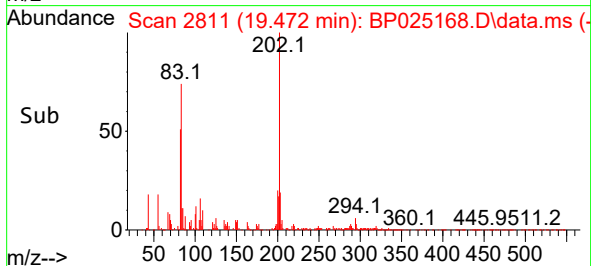
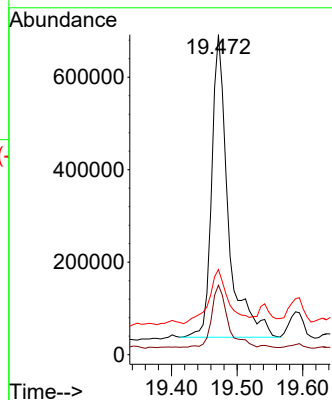
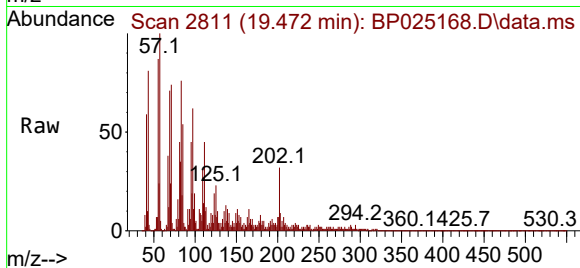
Tgt Ion:202 Resp: 1147836

Ion Ratio Lower Upper

202 100

200 21.7 17.1 25.7

203 26.6 14.1 21.1#



#79

Terphenyl-d14

Concen: 73.659 ng

RT: 19.713 min Scan# 2852

Delta R.T. 0.041 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

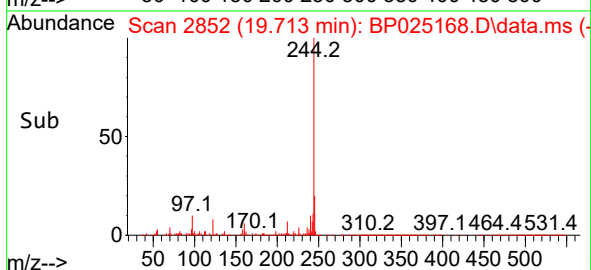
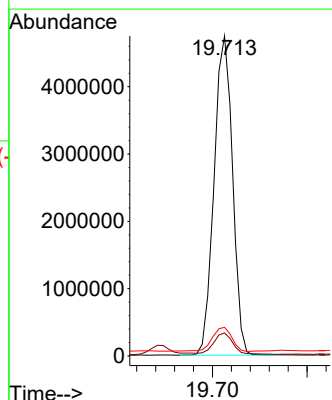
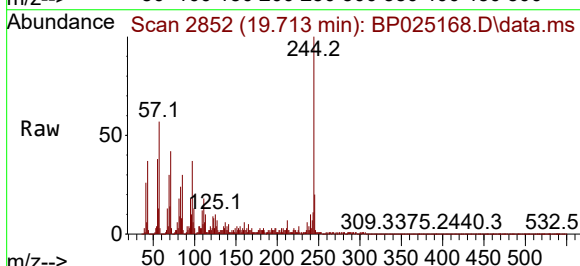
Tgt Ion:244 Resp: 6431645

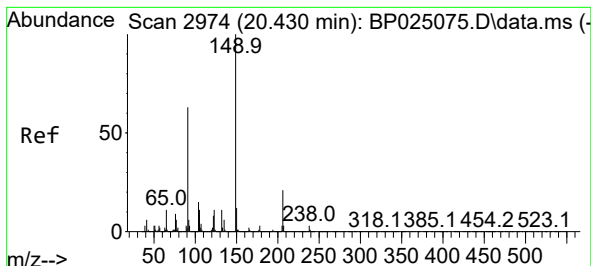
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.0 9.4 14.2#





#80

Butylbenzylphthalate

Concen: 11.568 ng

RT: 20.448 min Scan# 2974

Delta R.T. 0.018 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

Instrument :

BNA_P

ClientSampleId :

MOO-25-0196

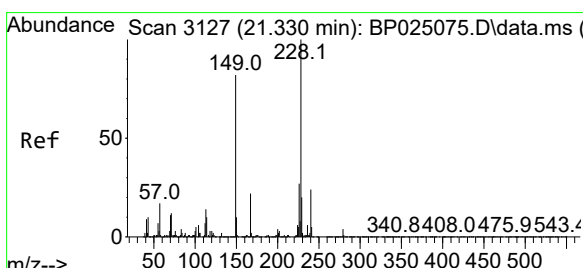
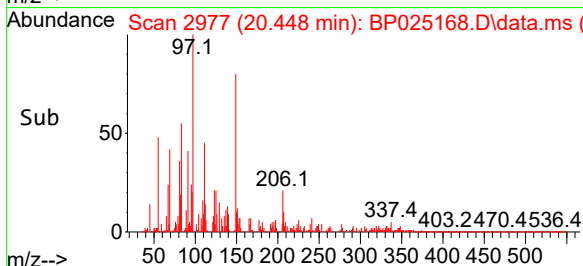
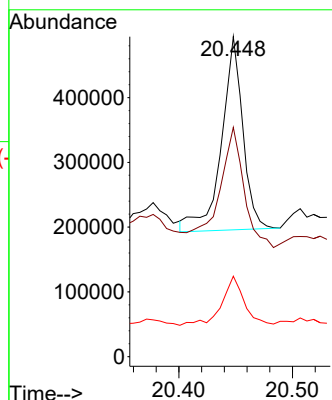
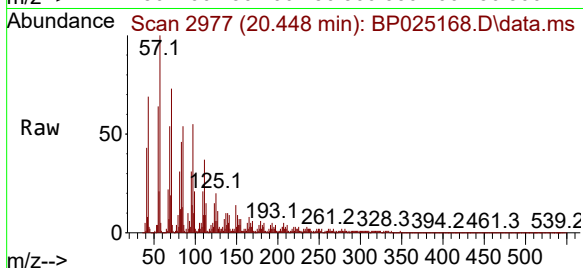
Tgt Ion:149 Resp: 391119

Ion Ratio Lower Upper

149 100

91 71.6 50.6 76.0

206 25.1 17.2 25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.556 ng

RT: 21.354 min Scan# 3131

Delta R.T. 0.024 min

Lab File: BP025168.D

Acq: 16 Jul 2025 21:45

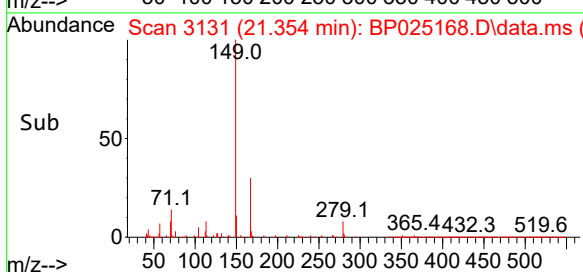
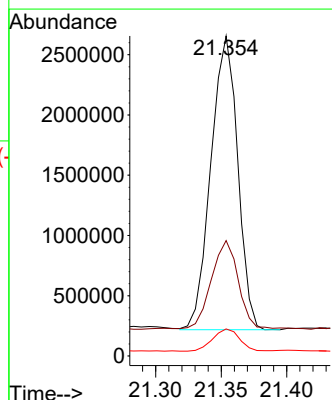
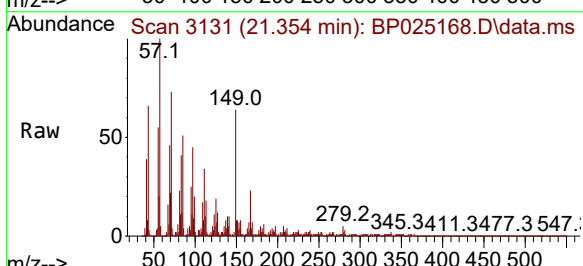
Tgt Ion:149 Resp: 3465626

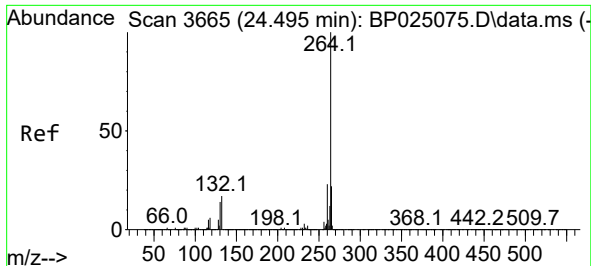
Ion Ratio Lower Upper

149 100

167 36.0 21.9 32.9#

279 8.5 3.5 5.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.583 min Scan# 30
 Delta R.T. 0.088 min
 Lab File: BP025168.D
 Acq: 16 Jul 2025 21:45

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0196

Tgt Ion:264 Resp: 3171322
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 24.5 17.7 26.5

