

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025161.D
 Acq On : 16 Jul 2025 16:54
 Operator : CG/JU
 Sample : Q2600-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 STOCK-PILE

Quant Time: Jul 16 17:23:07 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)

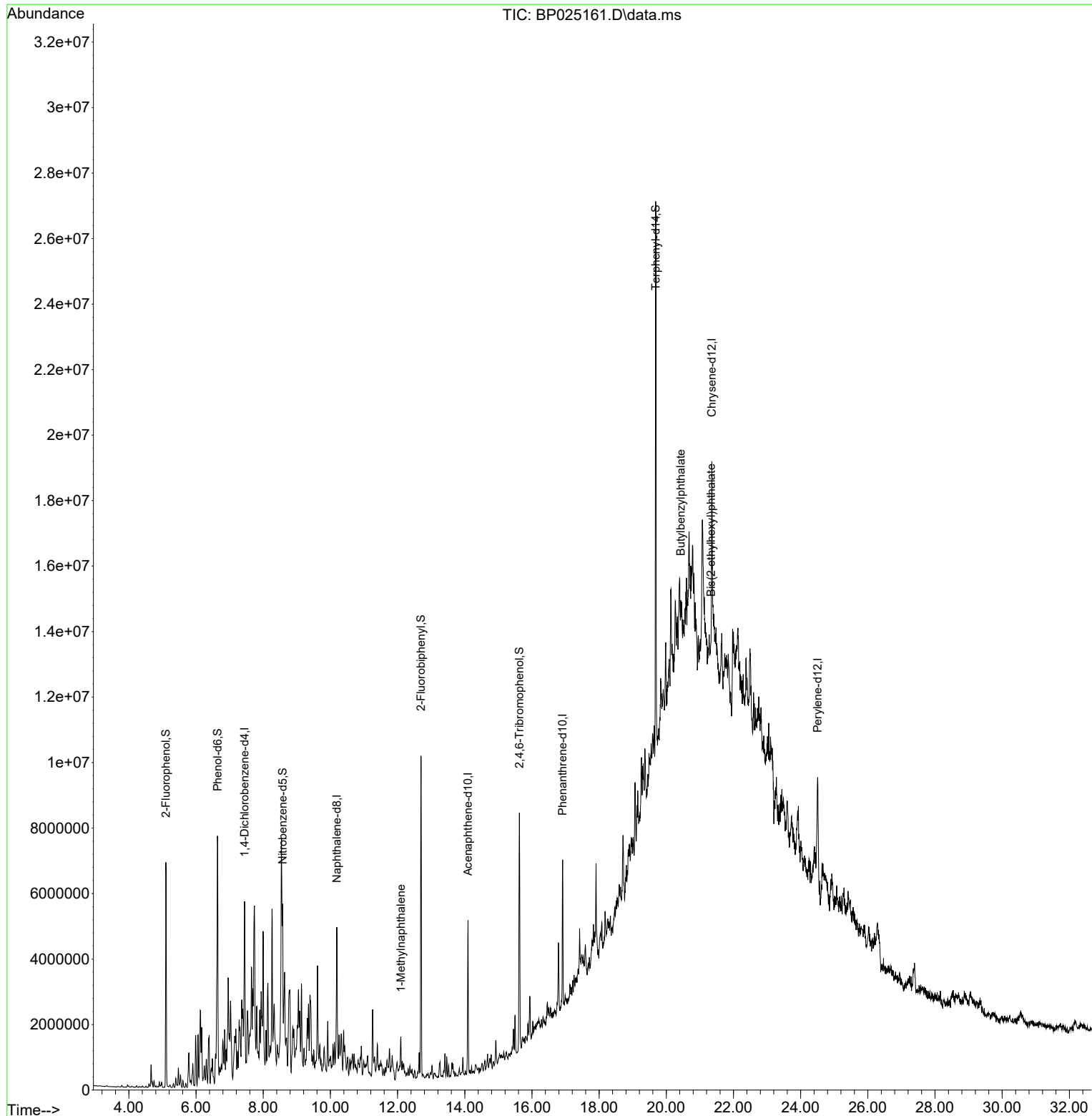
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	625573	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2410869	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1564527	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2691372	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2686433	20.000	ng	0.01
86) Perylene-d12	24.507	264	3313782	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3131128	88.685	ng	0.00
7) Phenol-d6	6.637	99	3778261	82.004	ng	0.00
23) Nitrobenzene-d5	8.578	82	2240115	61.795	ng	0.01
42) 2,4,6-Tribromophenol	15.625	330	1894967	102.529	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5744553	56.882	ng	0.00
79) Terphenyl-d14	19.683	244	7601884	62.192	ng	0.01
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	12.095	142	466664	5.463	ng	# 99
80) Butylbenzylphthalate	20.430	149	148956	5.827	ng	# 74
84) Bis(2-ethylhexyl)phtha...	21.330	149	235242	2.694	ng	# 79

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

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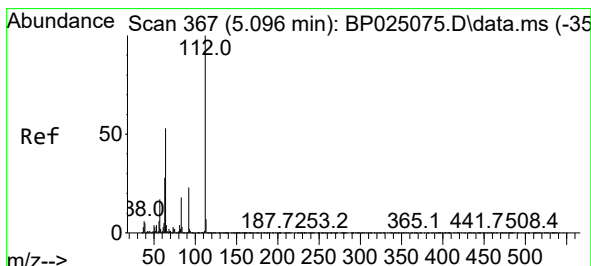
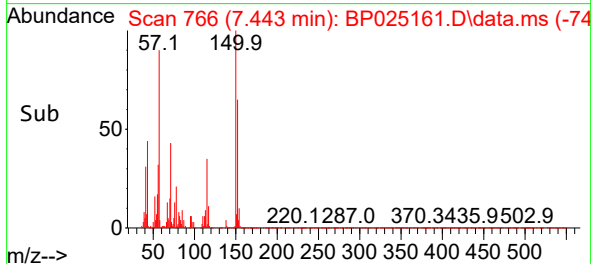
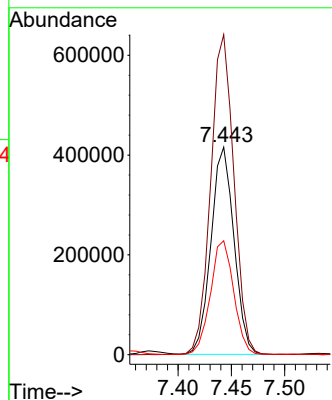
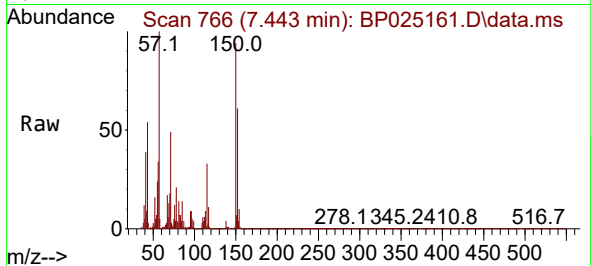




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

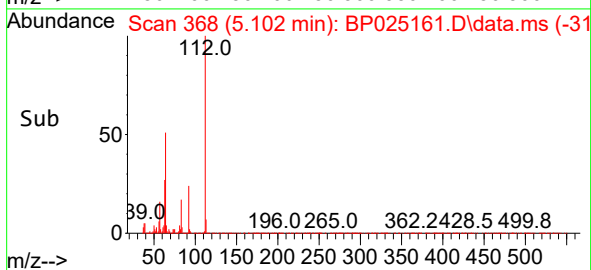
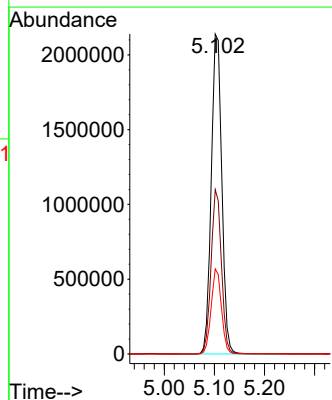
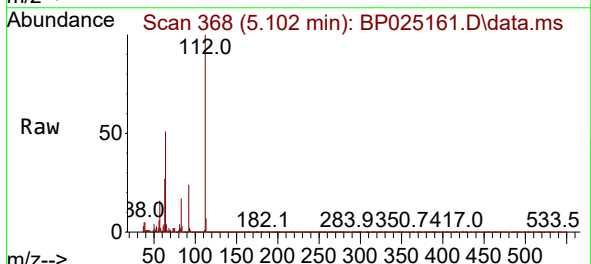
Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

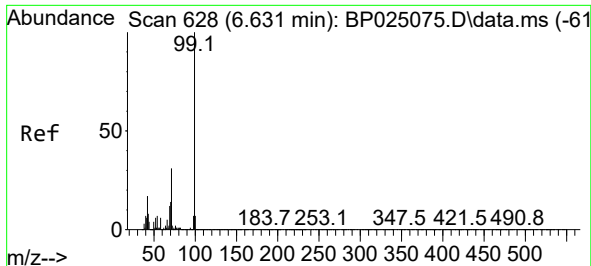
Tgt Ion:152 Resp: 625573
Ion Ratio Lower Upper
152 100
150 154.2 126.1 189.1
115 54.9 44.3 66.5



#5
2-Fluorophenol
Concen: 88.685 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion:112 Resp: 3131128
Ion Ratio Lower Upper
112 100
64 51.4 42.0 63.0
63 26.6 22.2 33.2

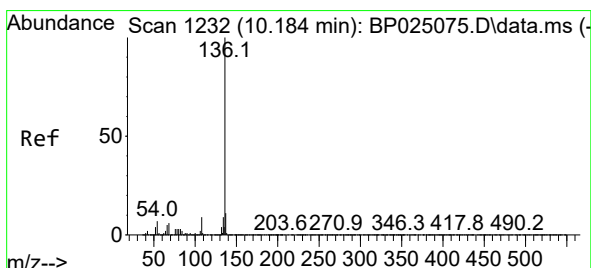
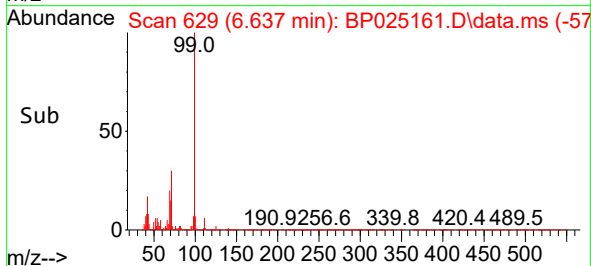
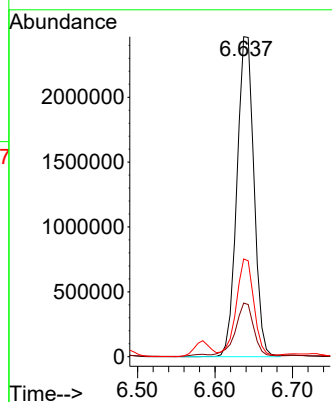
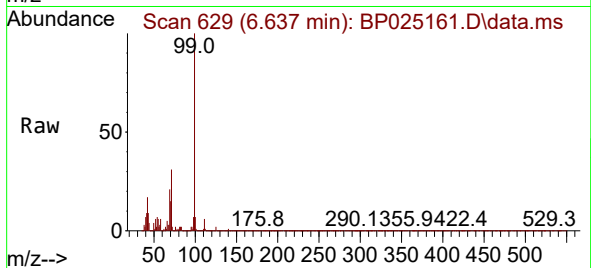




#7
Phenol-d6
Concen: 82.004 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

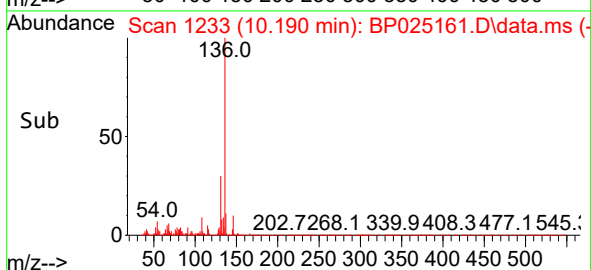
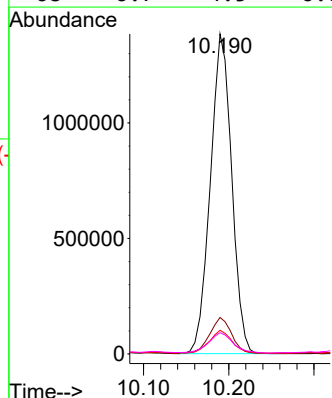
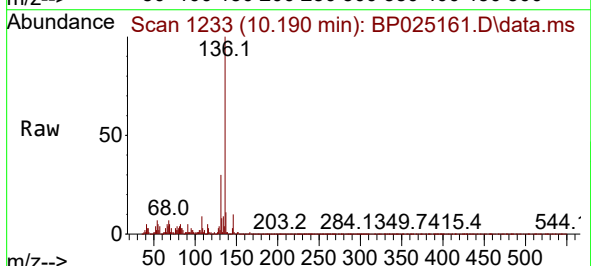
Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

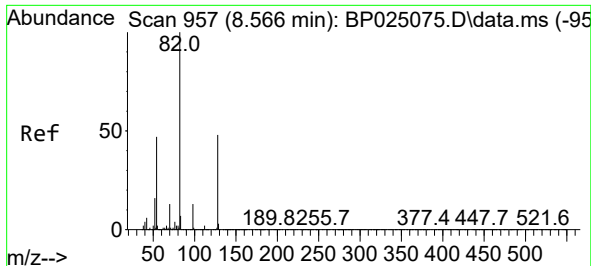
Tgt Ion: 99 Resp: 3778261
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion: 136 Resp: 2410869
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.4 5.4 8.2
68 6.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 61.795 ng

RT: 8.578 min Scan# 91

Delta R.T. 0.012 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

Instrument :

BNA_P

ClientSampleId :

STOCK-PILE

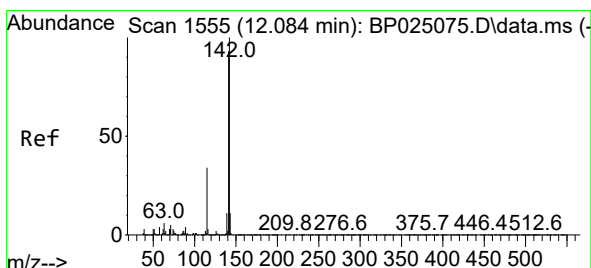
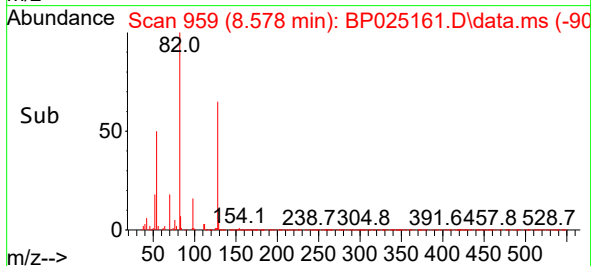
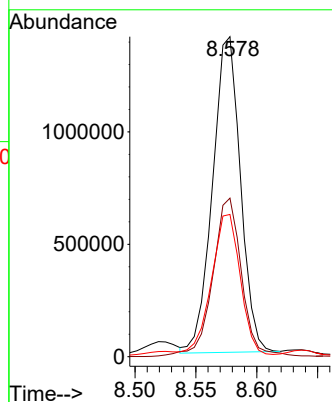
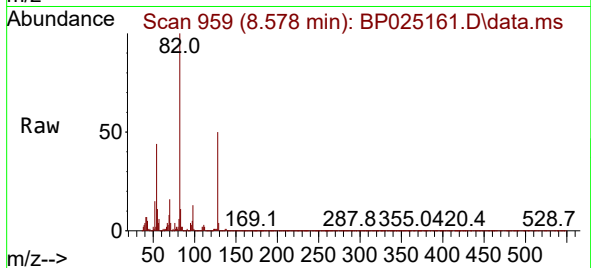
Tgt Ion: 82 Resp: 2240115

Ion Ratio Lower Upper

82 100

128 49.6 38.4 57.6

54 44.4 37.8 56.6



#38

1-Methylnaphthalene

Concen: 5.463 ng

RT: 12.095 min Scan# 1557

Delta R.T. 0.012 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

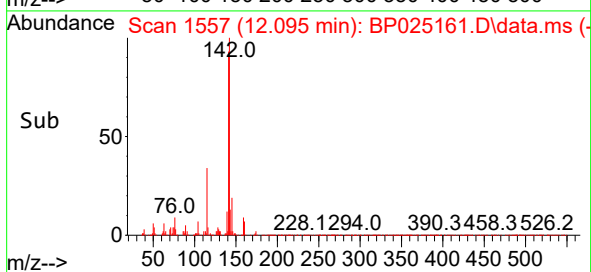
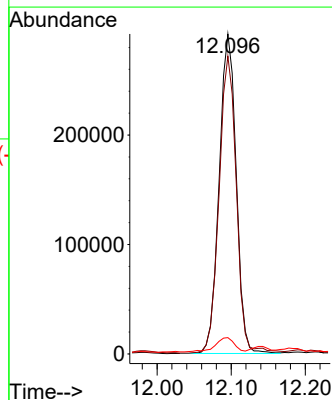
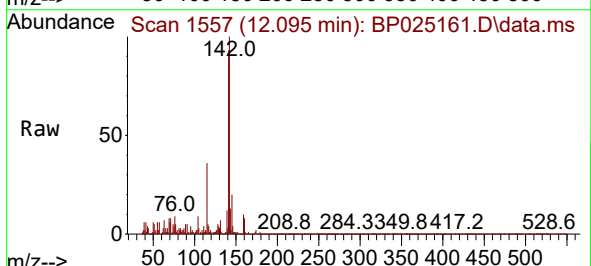
Tgt Ion:142 Resp: 466664

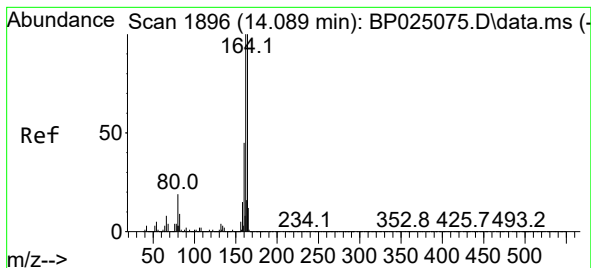
Ion Ratio Lower Upper

142 100

141 93.1 74.1 111.1

116 5.1 2.7 4.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

Instrument :

BNA_P

ClientSampleId :

STOCK-PILE

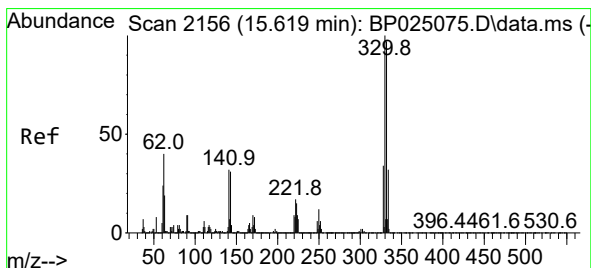
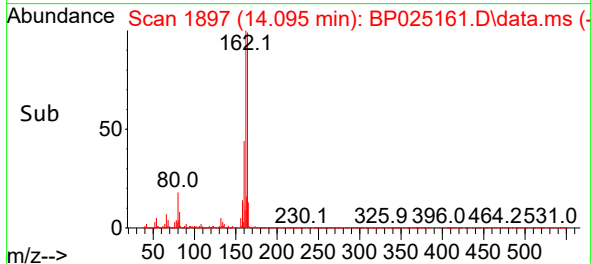
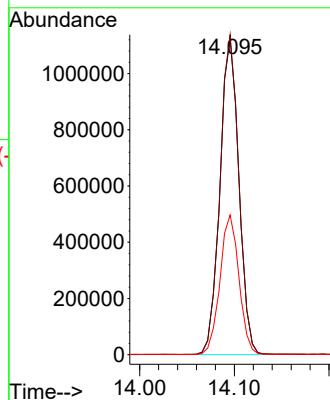
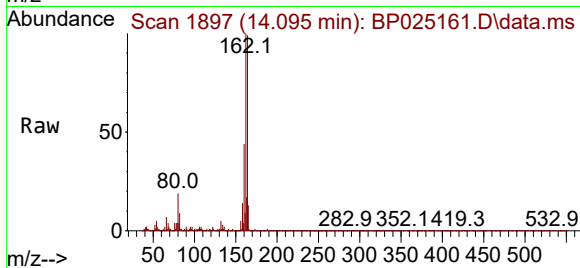
Tgt Ion:164 Resp: 1564527

Ion Ratio Lower Upper

164 100

162 101.4 80.3 120.5

160 44.3 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 102.529 ng

RT: 15.625 min Scan# 2157

Delta R.T. 0.006 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

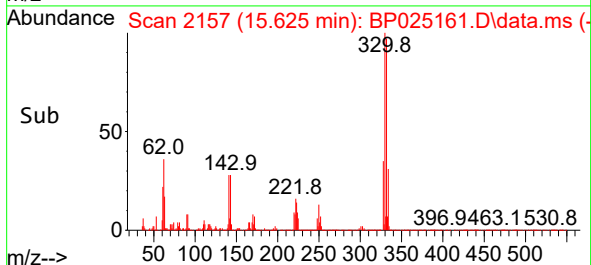
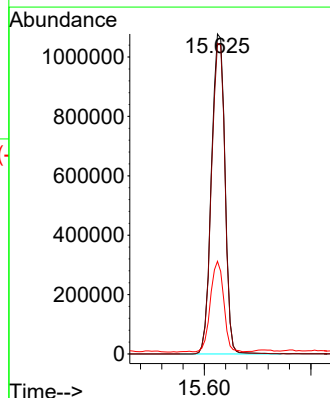
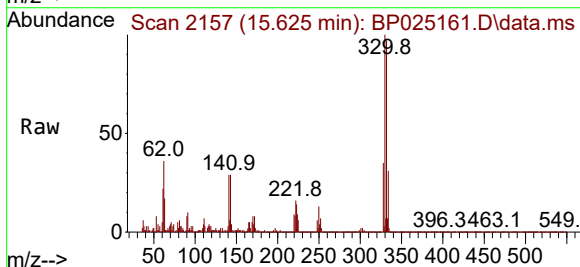
Tgt Ion:330 Resp: 1894967

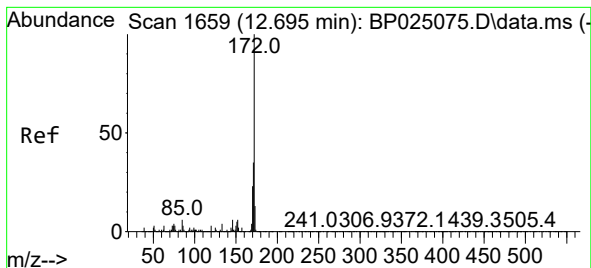
Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 27.7 26.0 39.0





#45

2-Fluorobiphenyl

Concen: 56.882 ng

RT: 12.695 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

Instrument :

BNA_P

ClientSampleId :

STOCK-PILE

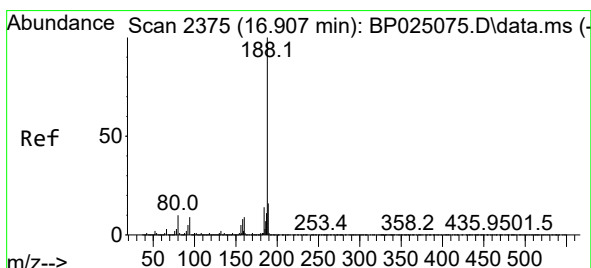
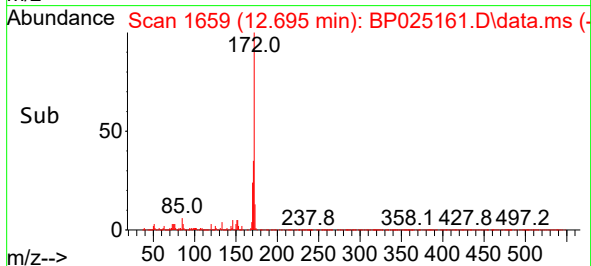
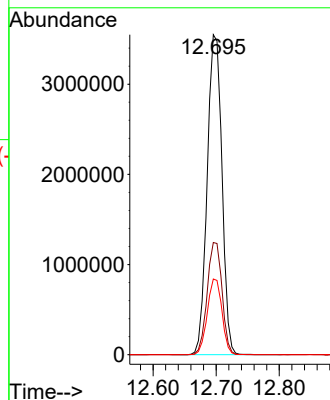
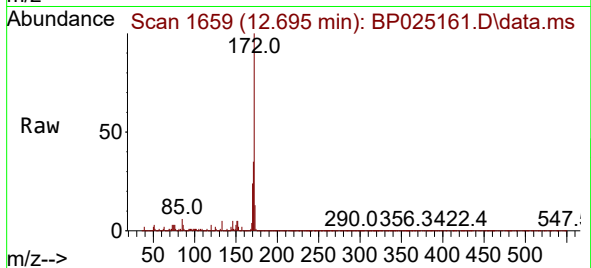
Tgt Ion:172 Resp: 5744553

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.6 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 2376

Delta R.T. 0.006 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

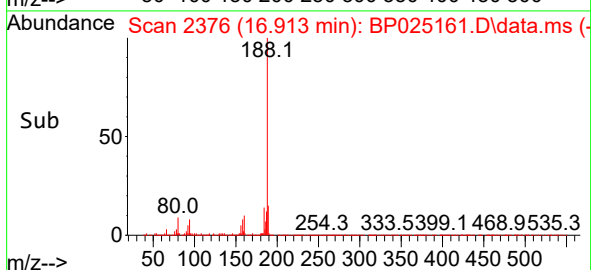
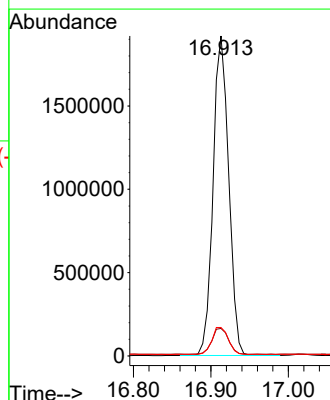
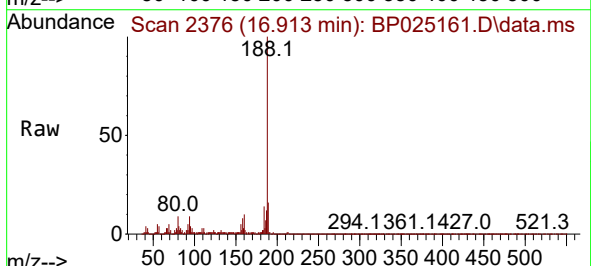
Tgt Ion:188 Resp: 2691372

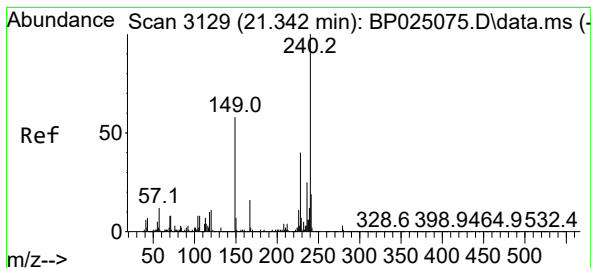
Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

80 8.9 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

Instrument :

BNA_P

ClientSampleId :

STOCK-PILE

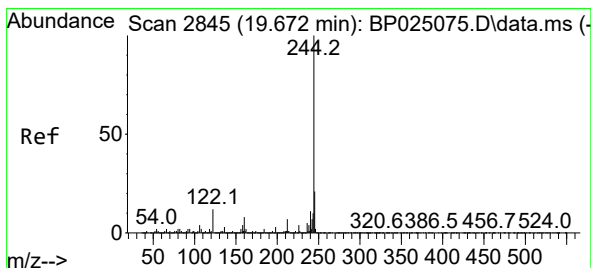
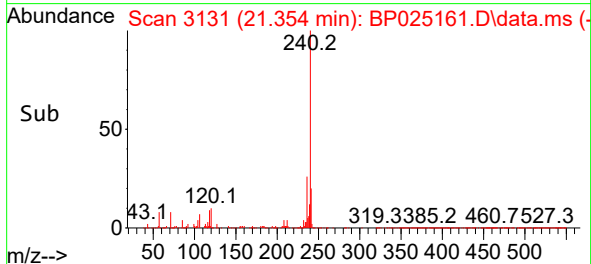
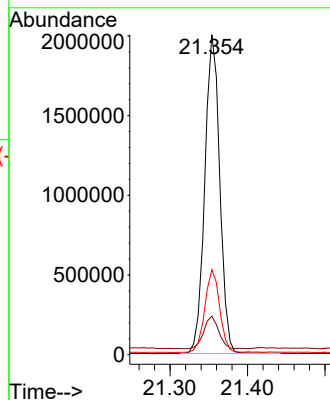
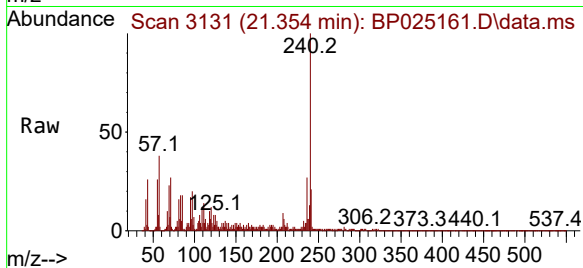
Tgt Ion:240 Resp: 2686433

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.4

236 26.5 20.3 30.5



#79

Terphenyl-d14

Concen: 62.192 ng

RT: 19.683 min Scan# 2847

Delta R.T. 0.012 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

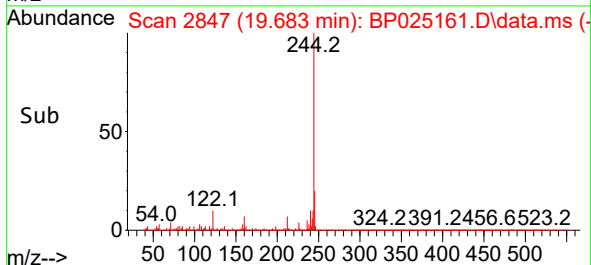
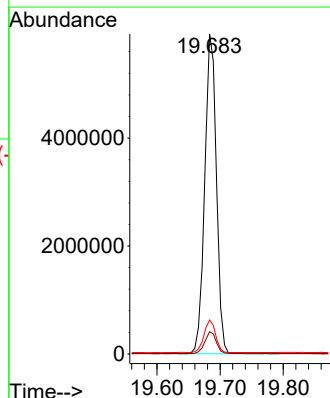
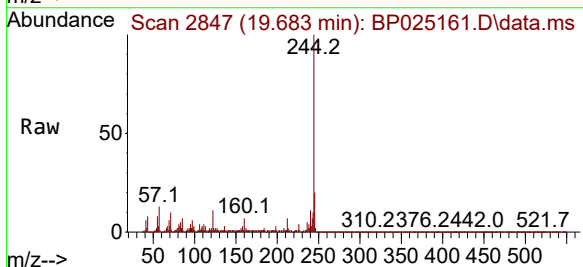
Tgt Ion:244 Resp: 7601884

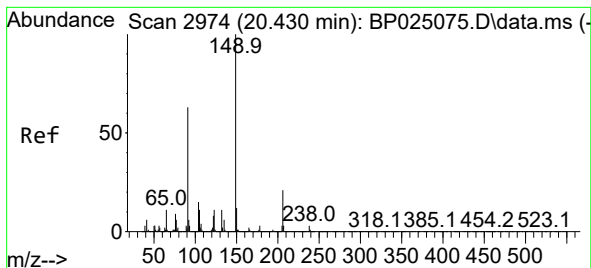
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.6 9.4 14.2





#80

Butylbenzylphthalate

Concen: 5.827 ng

RT: 20.430 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

Instrument :

BNA_P

ClientSampleId :

STOCK-PILE

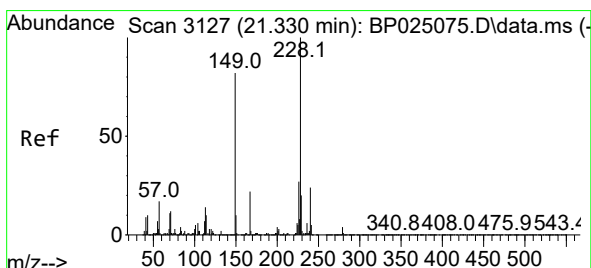
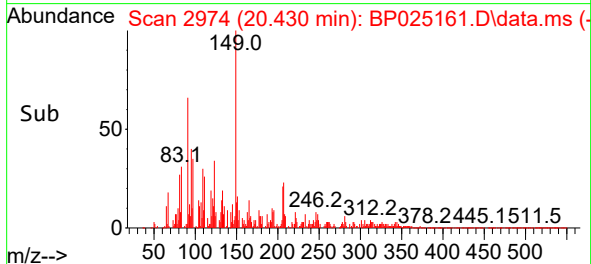
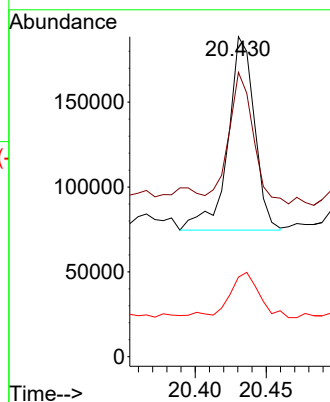
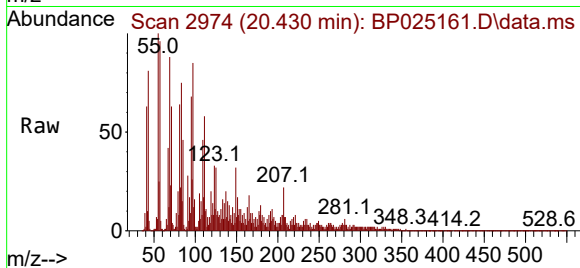
Tgt Ion:149 Resp: 148956

Ion Ratio Lower Upper

149 100

91 88.8 50.6 76.0#

206 24.9 17.2 25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.694 ng

RT: 21.330 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

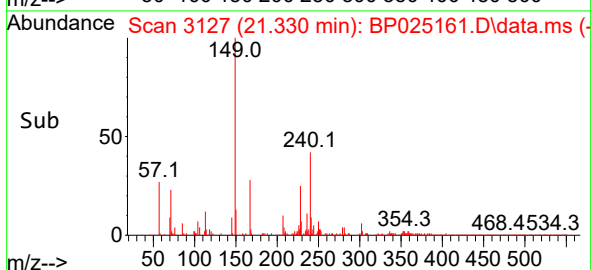
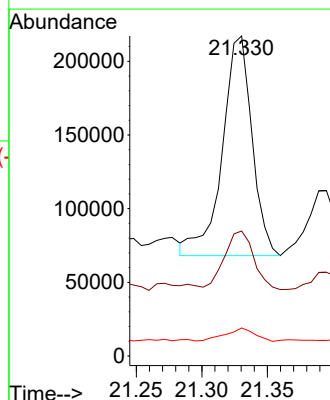
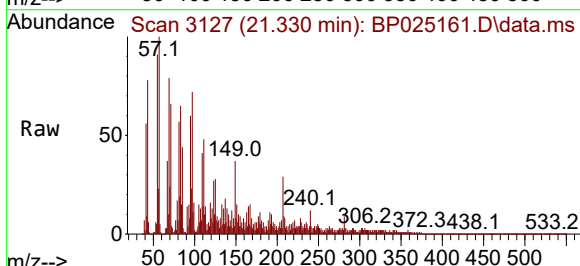
Tgt Ion:149 Resp: 235242

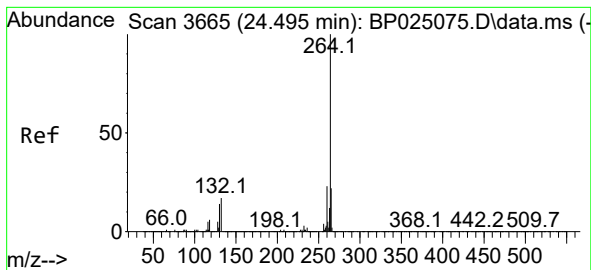
Ion Ratio Lower Upper

149 100

167 39.1 21.9 32.9#

279 8.8 3.5 5.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.507 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

Tgt Ion:264 Resp: 3313782

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.5	17.7	26.5

