

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025507.D
 Acq On : 20 Aug 2025 14:12
 Operator : CG/JU
 Sample : Q2884-03 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 302

Quant Time: Aug 20 14:35:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

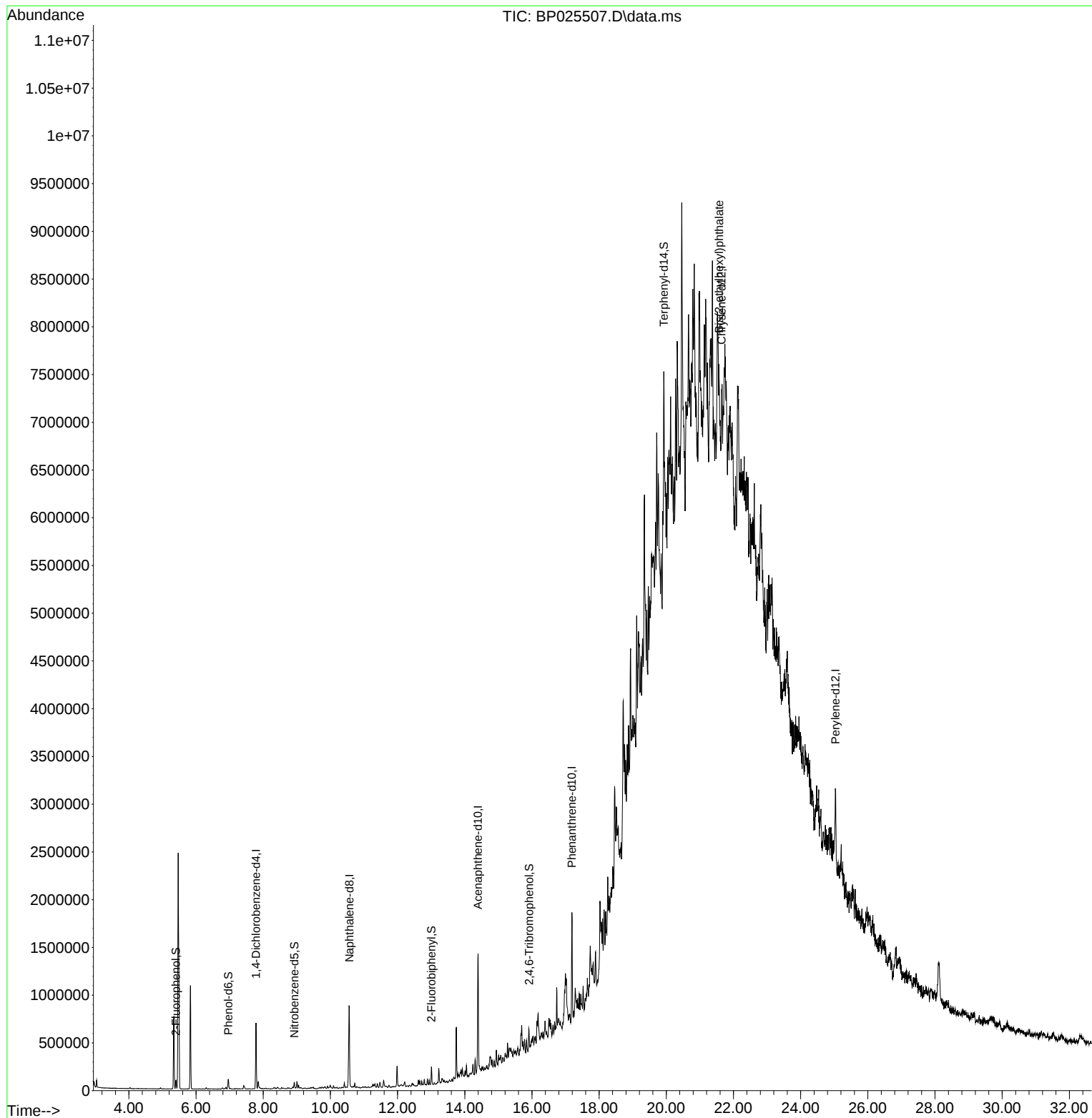
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	187256	20.000	ng	-0.01
21) Naphthalene-d8	10.560	136	713476	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	406123	20.000	ng	-0.01
64) Phenanthrene-d10	17.190	188	725494	20.000	ng	-0.01
76) Chrysene-d12	21.648	240	688174	20.000	ng	0.00
86) Perylene-d12	25.036	264	927345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	40659	3.606	ng	0.00
7) Phenol-d6	6.961	99	54180	3.748	ng	0.00
23) Nitrobenzene-d5	8.925	82	35157	2.493	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	20753	3.796	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	88366	2.974	ng	-0.01
79) Terphenyl-d14	19.925	244	97309	2.587	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.572	149	193275	6.477	ng	Qvalue # 84

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

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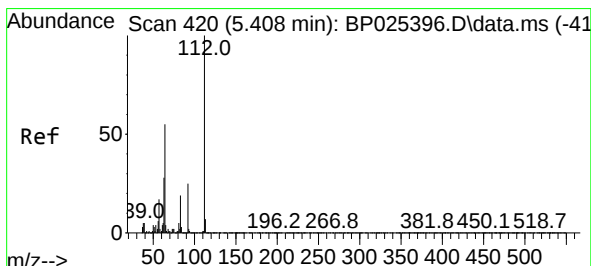
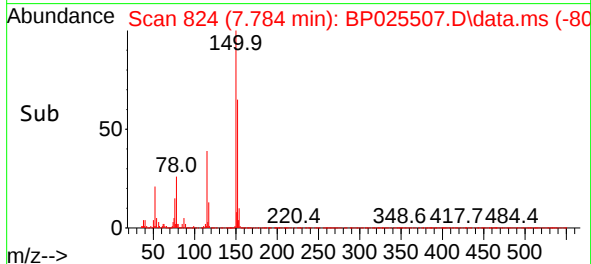
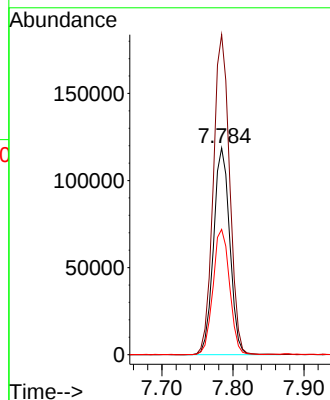
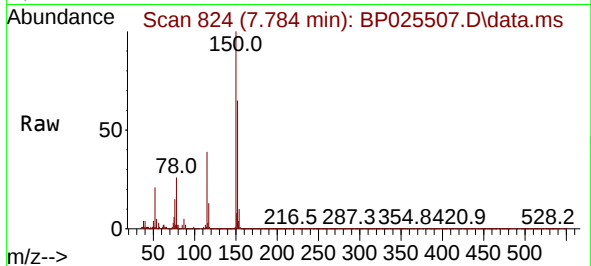




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025507.D
Acq: 20 Aug 2025 14:12

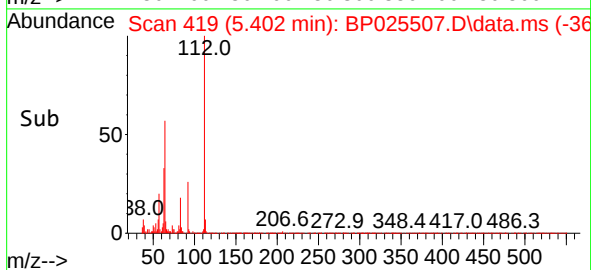
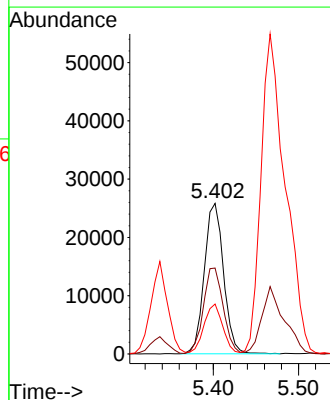
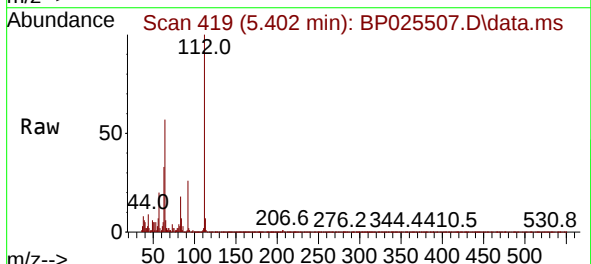
Instrument :
BNA_P
ClientSampleId :
302

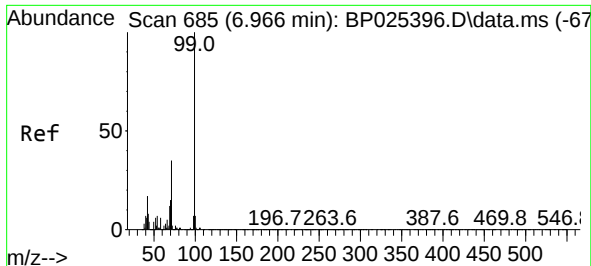
Tgt Ion:152 Resp: 187256
Ion Ratio Lower Upper
152 100
150 154.8 125.9 188.9
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 3.606 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025507.D
Acq: 20 Aug 2025 14:12

Tgt Ion:112 Resp: 40659
Ion Ratio Lower Upper
112 100
64 57.0 43.8 65.8
63 33.2 22.7 34.1

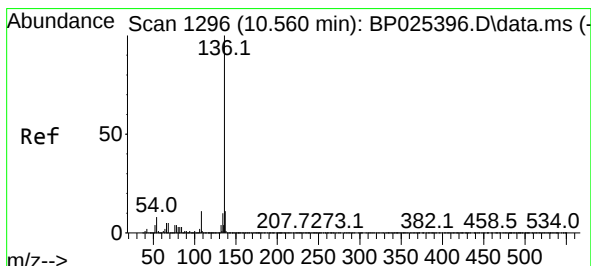
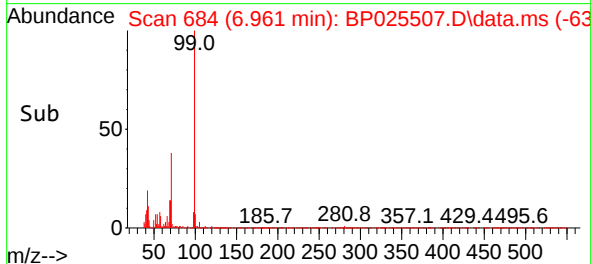
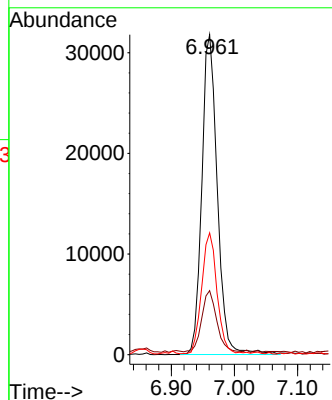
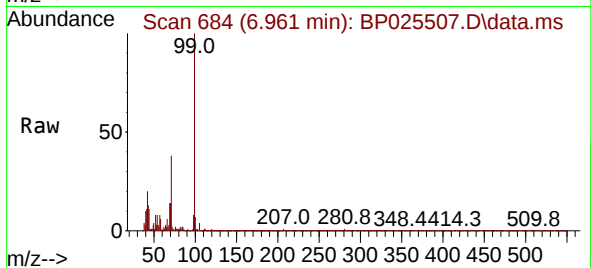




#7
Phenol-d6
Concen: 3.748 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025507.D
Acq: 20 Aug 2025 14:12

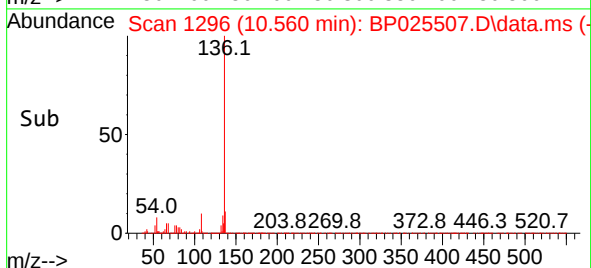
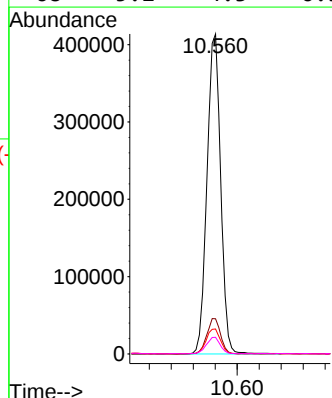
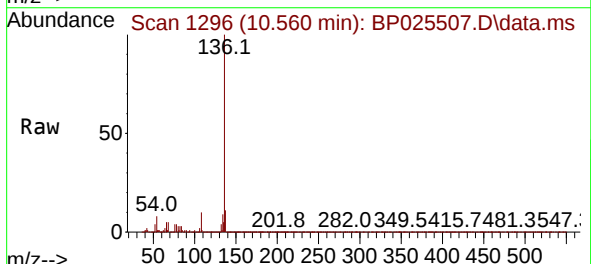
Instrument :
BNA_P
ClientSampleId :
302

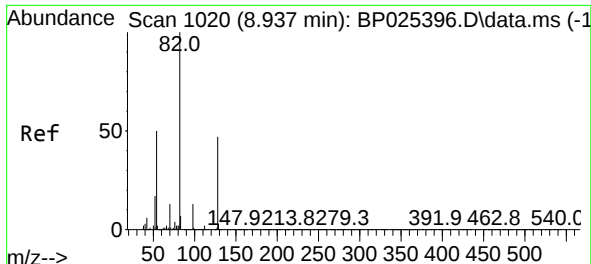
Tgt Ion: 99 Resp: 54180
Ion Ratio Lower Upper
99 100
42 20.0 13.7 20.5
71 38.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025507.D
Acq: 20 Aug 2025 14:12

Tgt Ion: 136 Resp: 713476
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.8 6.0 9.0
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 2.493 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025507.D

Acq: 20 Aug 2025 14:12

Instrument :

BNA_P

ClientSampleId :

302

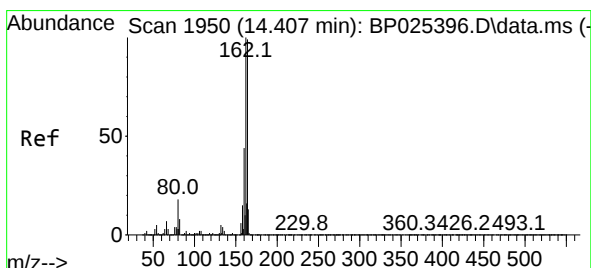
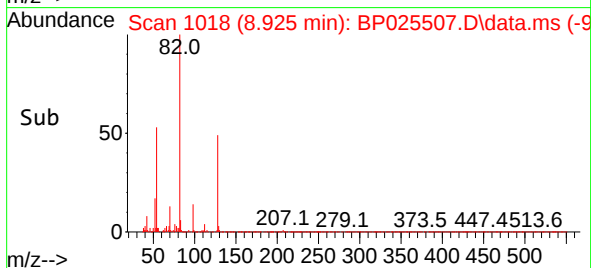
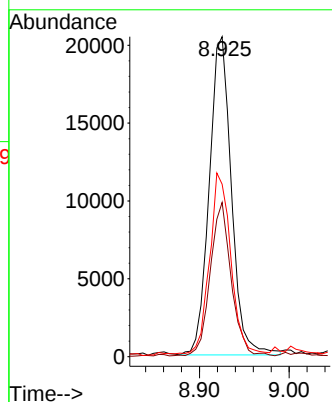
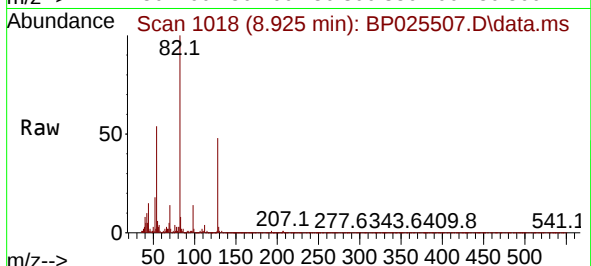
Tgt Ion: 82 Resp: 35157

Ion Ratio Lower Upper

82 100

128 48.2 37.7 56.5

54 53.9 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.396 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025507.D

Acq: 20 Aug 2025 14:12

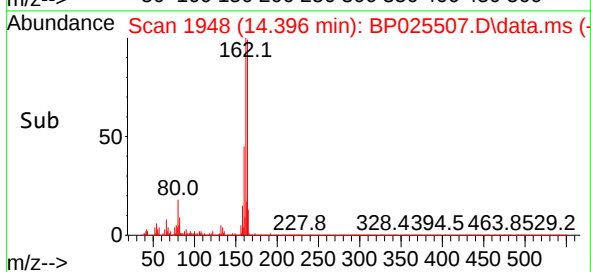
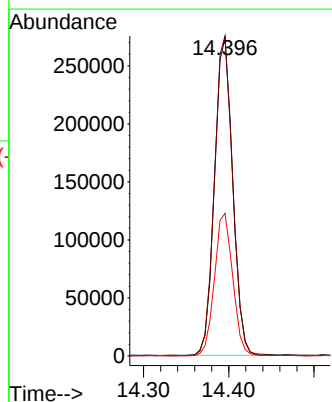
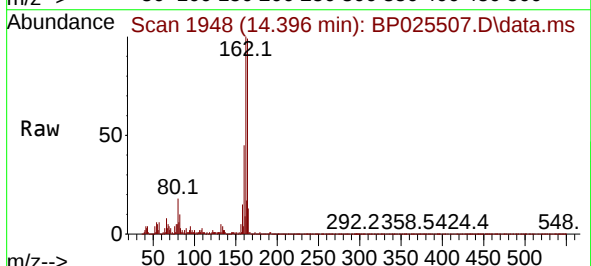
Tgt Ion: 164 Resp: 406123

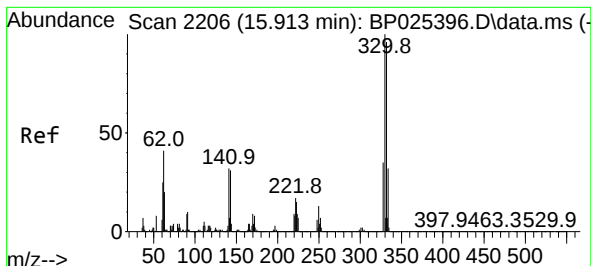
Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

160 44.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 3.796 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025507.D

Acq: 20 Aug 2025 14:12

Instrument :

BNA_P

ClientSampleId :

302

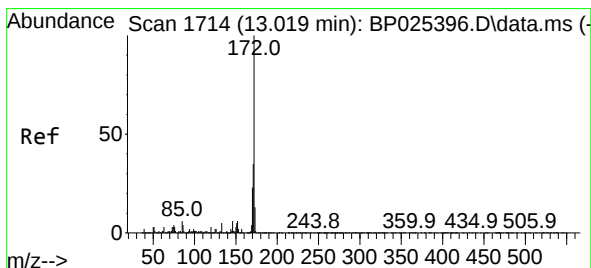
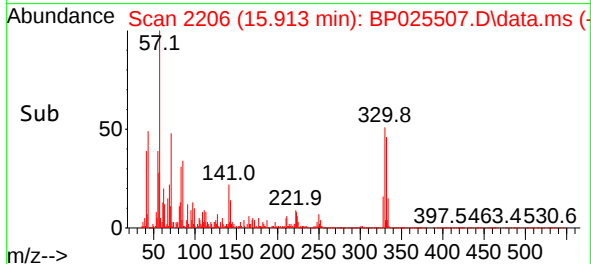
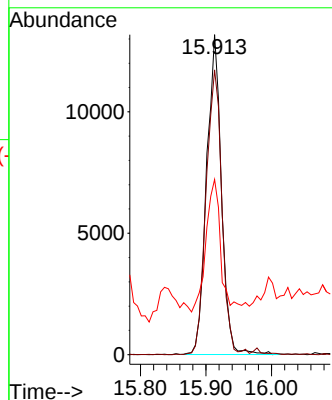
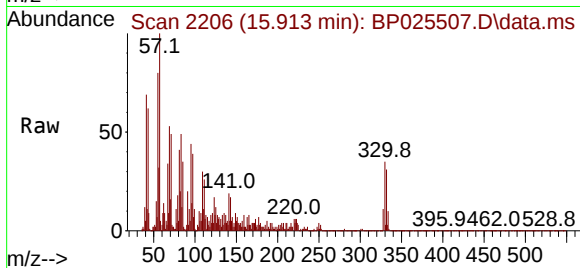
Tgt Ion:330 Resp: 20753

Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

141 40.9 26.6 39.8#



#45

2-Fluorobiphenyl

Concen: 2.974 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025507.D

Acq: 20 Aug 2025 14:12

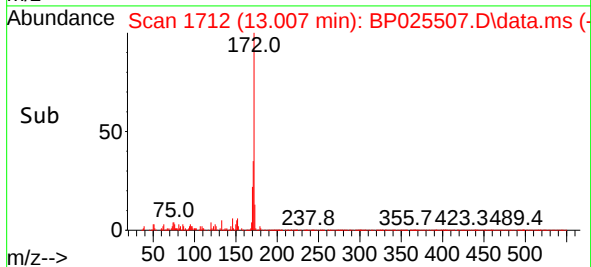
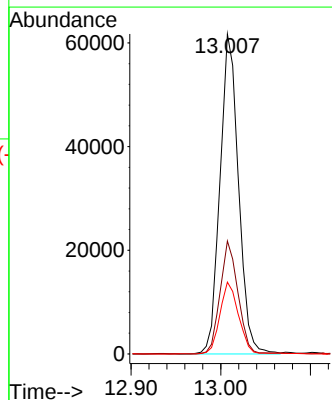
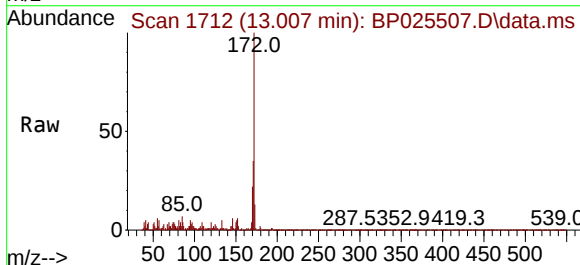
Tgt Ion:172 Resp: 88366

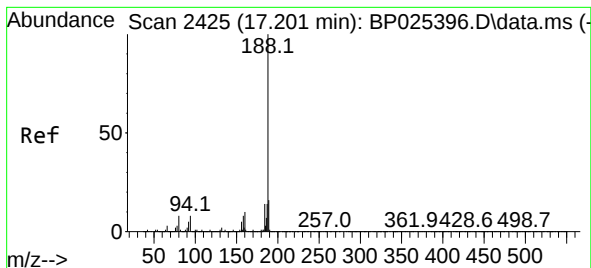
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 22.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.190 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025507.D

Acq: 20 Aug 2025 14:12

Instrument :

BNA_P

ClientSampleId :

302

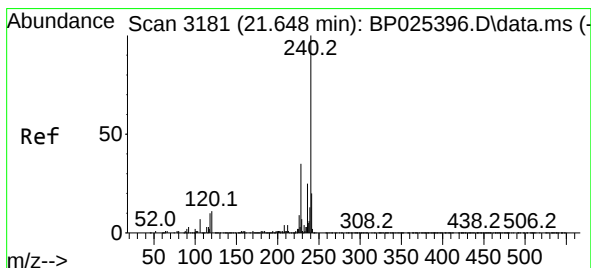
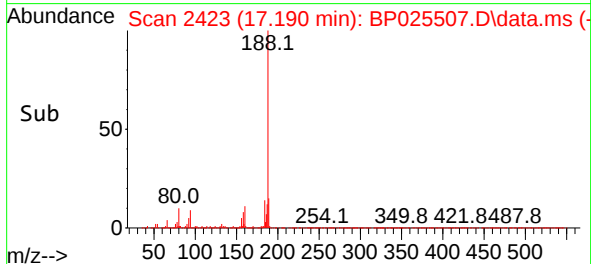
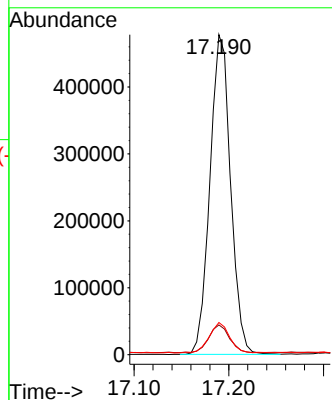
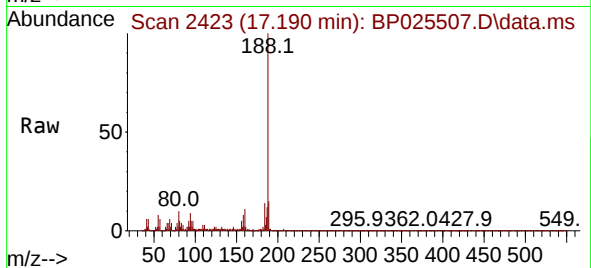
Tgt Ion:188 Resp: 725494

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 10.1 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025507.D

Acq: 20 Aug 2025 14:12

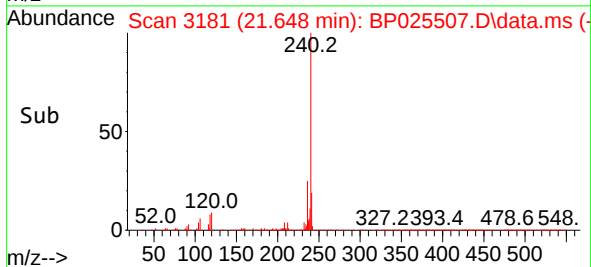
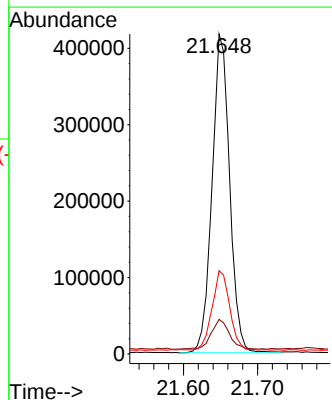
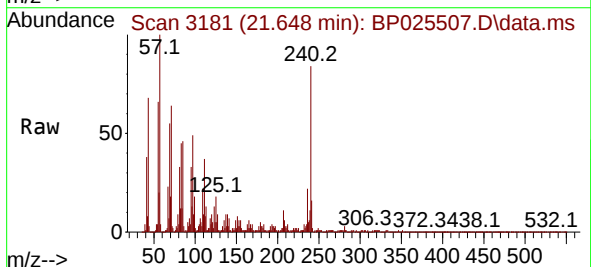
Tgt Ion:240 Resp: 688174

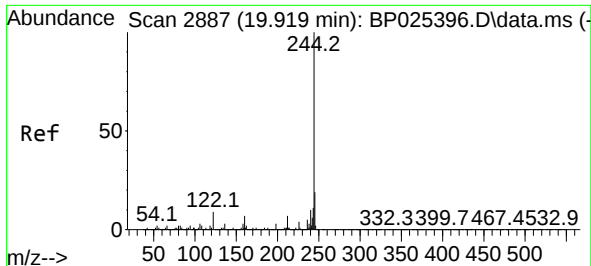
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 26.1 19.8 29.8

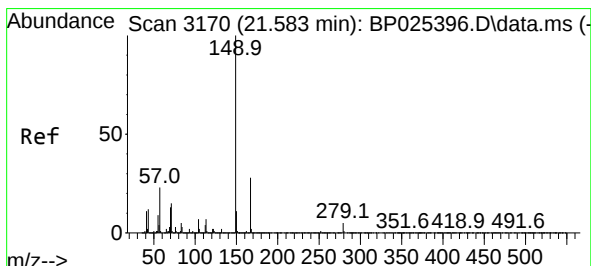
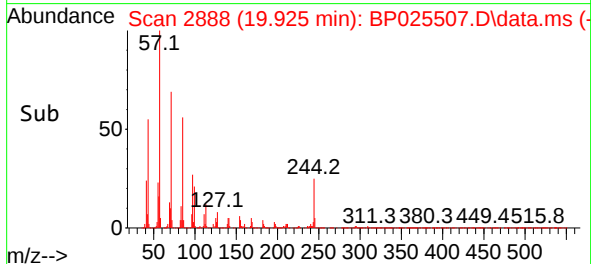
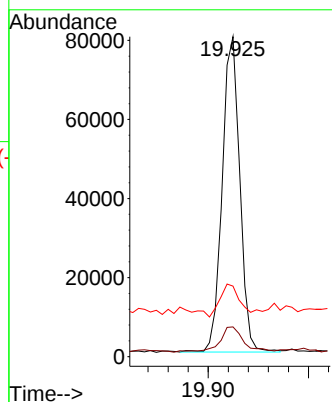
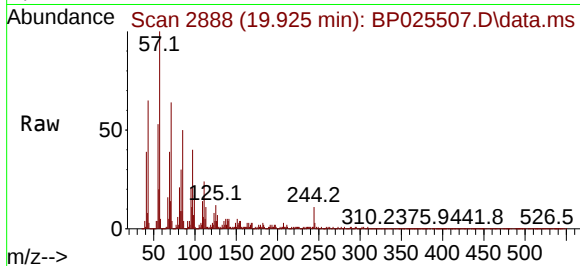




#79
 Terphenyl-d14
 Concen: 2.587 ng
 RT: 19.925 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025507.D
 Acq: 20 Aug 2025 14:12

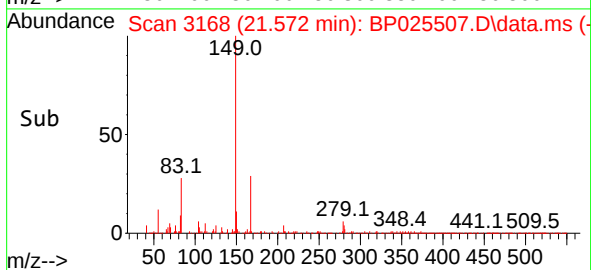
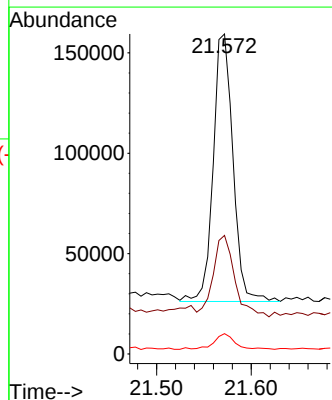
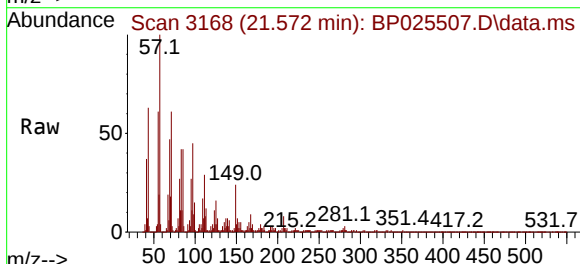
Instrument :
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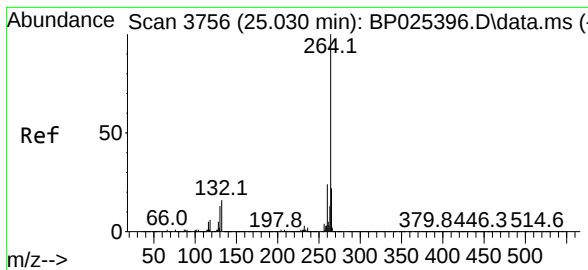
Tgt Ion:244 Resp: 97309
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.6#
 122 22.1 7.4 11.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.477 ng
 RT: 21.572 min Scan# 3168
 Delta R.T. -0.012 min
 Lab File: BP025507.D
 Acq: 20 Aug 2025 14:12

Tgt Ion:149 Resp: 193275
 Ion Ratio Lower Upper
 149 100
 167 37.1 22.1 33.1#
 279 6.3 3.8 5.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP025507.D
Acq: 20 Aug 2025 14:12

Instrument :
BNA_P
ClientSampleId :
302

Tgt Ion:264 Resp: 927345

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.8	17.4	26.0

