

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025456.D
 Acq On : 18 Aug 2025 11:20
 Operator : CG/JU
 Sample : PB169244BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169244BL

Quant Time: Aug 18 12:40:54 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	7.790	152	144091	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	584937	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	384423	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	815327	20.000	ng	0.00
76) Chrysene-d12	21.624	240	879189	20.000	ng	-0.02
86) Perylene-d12	24.983	264	950402	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1142387	131.664	ng	0.00
7) Phenol-d6	6.966	99	1429873	128.539	ng	0.00
23) Nitrobenzene-d5	8.925	82	901506	77.962	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	656396	126.855	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2094197	74.452	ng	0.00
79) Terphenyl-d14	19.919	244	3671707	76.407	ng	0.00

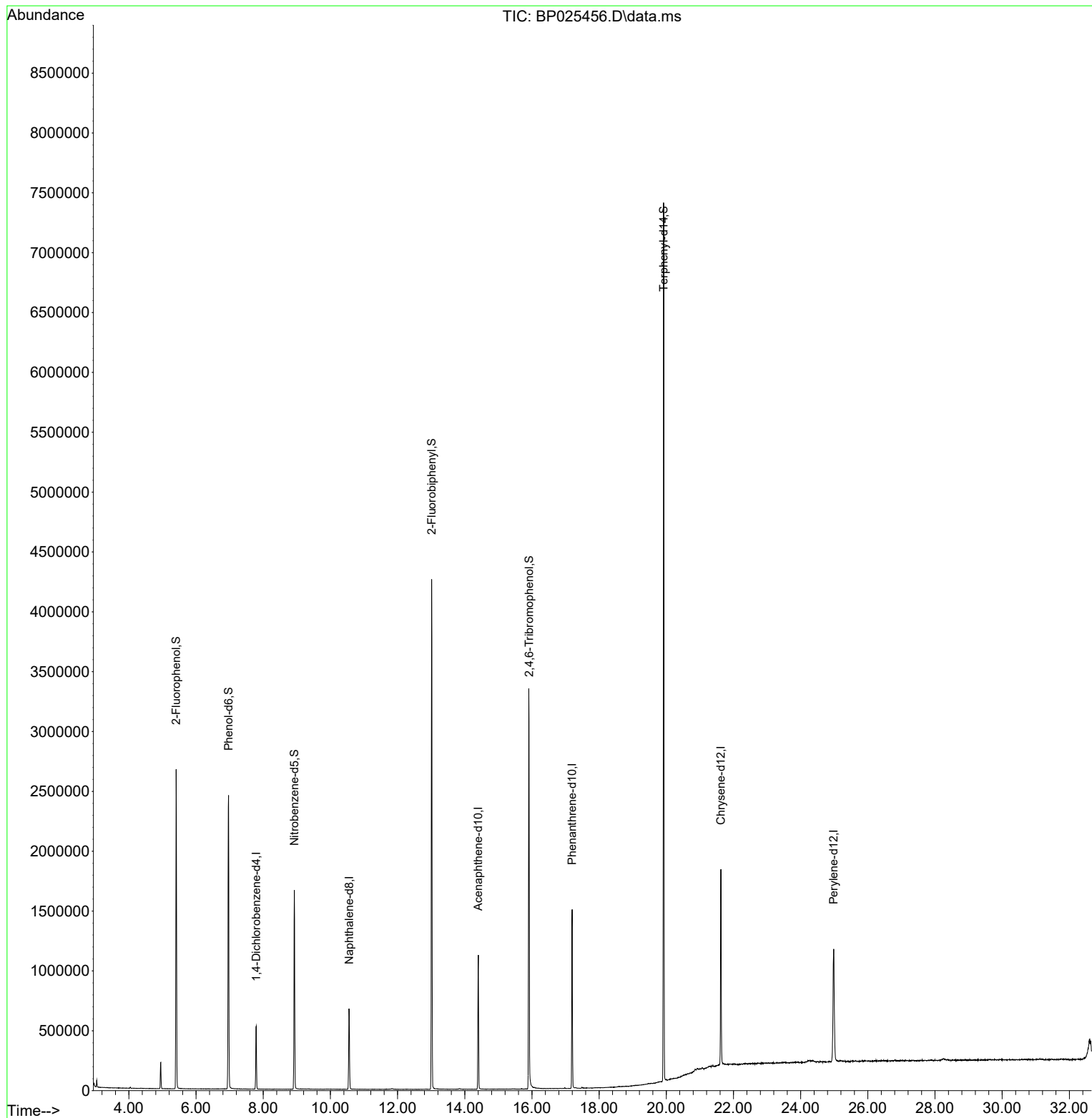
Target Compounds	Qvalue
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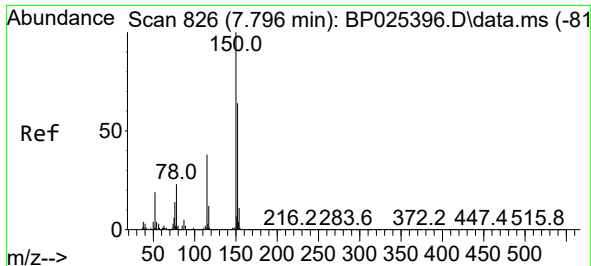
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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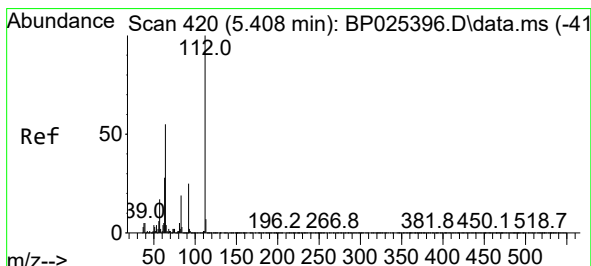
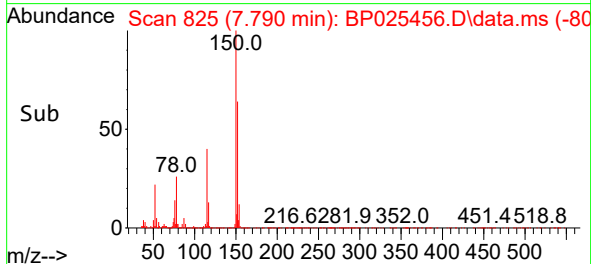
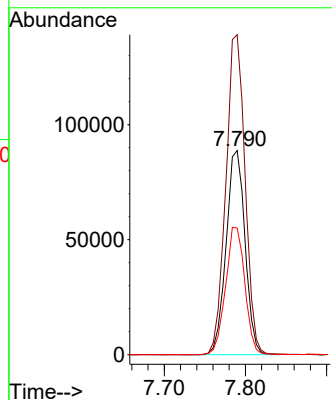
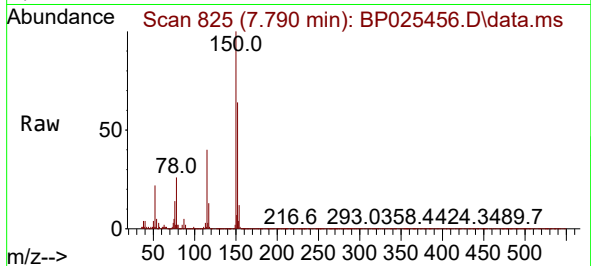




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025456.D
Acq: 18 Aug 2025 11:20

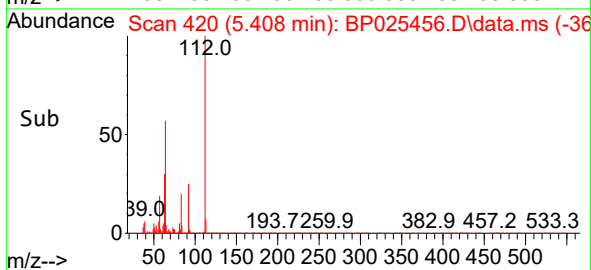
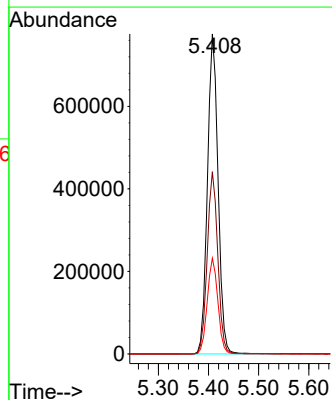
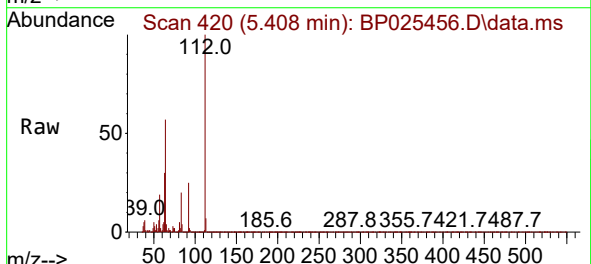
Instrument :
BNA_P
ClientSampleId :
PB169244BL

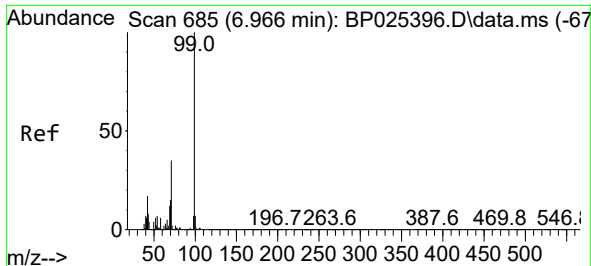
Tgt Ion:152 Resp: 144091
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 62.1 48.5 72.7



#5
2-Fluorophenol
Concen: 131.664 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025456.D
Acq: 18 Aug 2025 11:20

Tgt Ion:112 Resp: 1142387
Ion Ratio Lower Upper
112 100
64 56.9 43.8 65.8
63 30.0 22.7 34.1



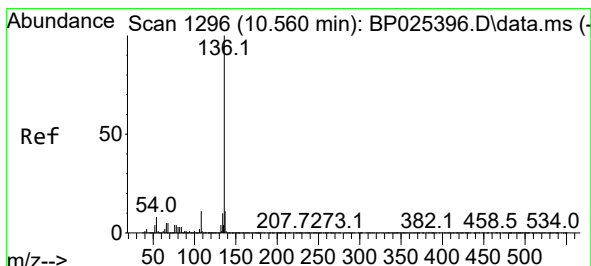
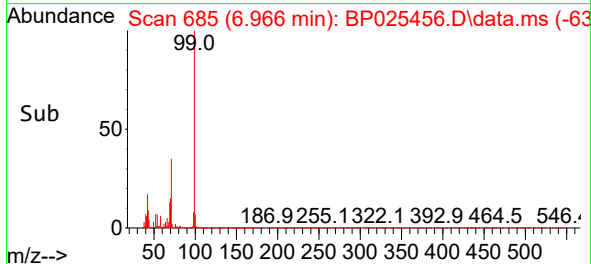
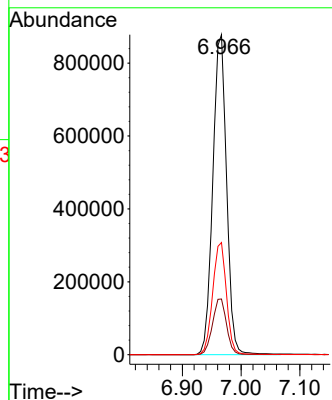
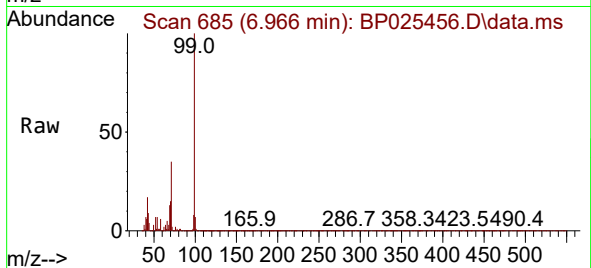


#7
Phenol-d6
Concen: 128.539 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025456.D
Acq: 18 Aug 2025 11:20

Instrument :
BNA_P
ClientSampleId :
PB169244BL

Tgt Ion: 99 Resp: 1429873

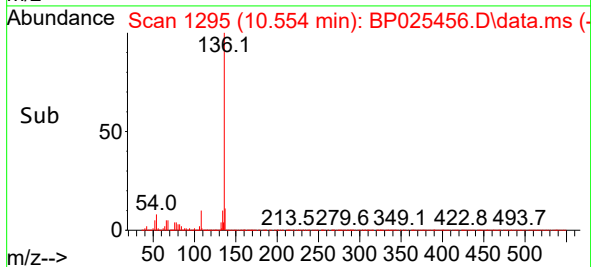
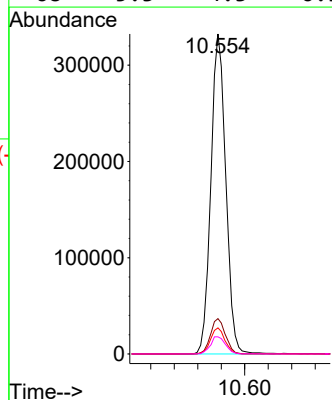
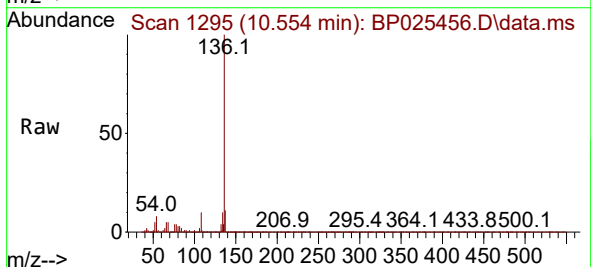
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	35.0	28.2	42.4

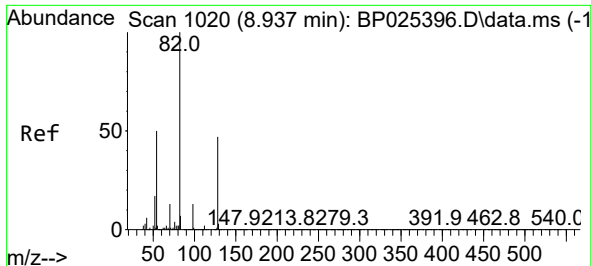


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025456.D
Acq: 18 Aug 2025 11:20

Tgt Ion: 136 Resp: 584937

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.2	6.0	9.0
68	5.3	4.3	6.5





#23

Nitrobenzene-d5

Concen: 77.962 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025456.D

Acq: 18 Aug 2025 11:20

Instrument :

BNA_P

ClientSampleId :

PB169244BL

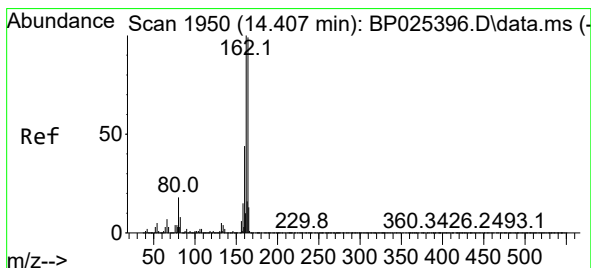
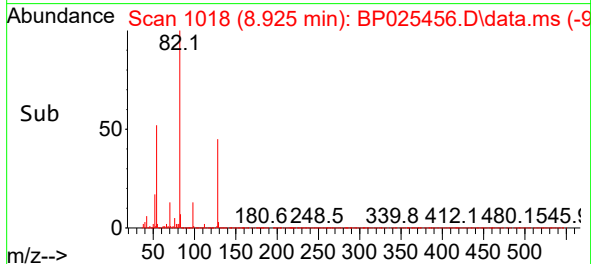
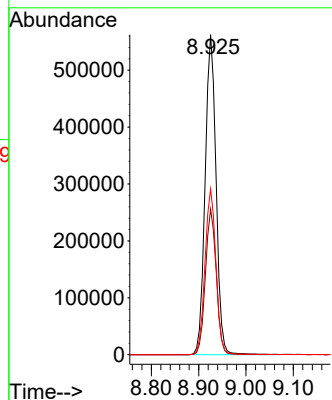
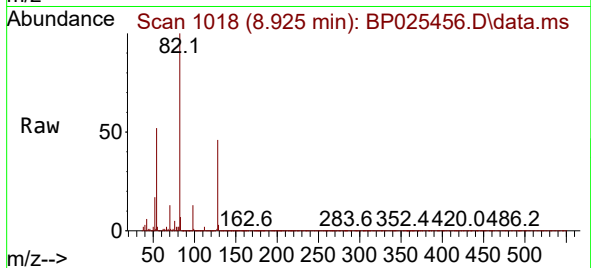
Tgt Ion: 82 Resp: 901506

Ion Ratio Lower Upper

82 100

128 45.5 37.7 56.5

54 51.8 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.401 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BP025456.D

Acq: 18 Aug 2025 11:20

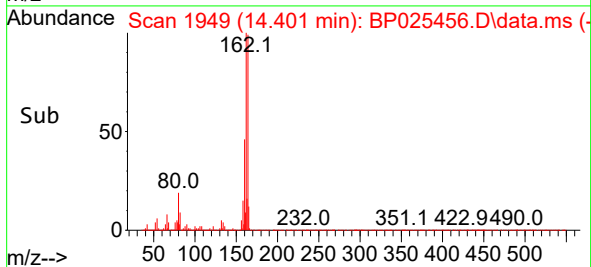
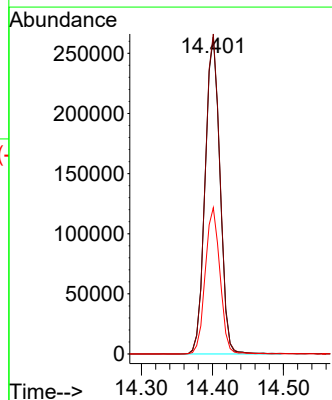
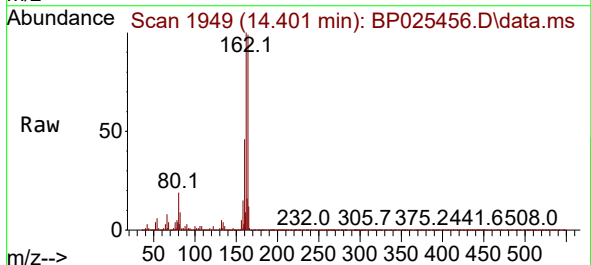
Tgt Ion: 164 Resp: 384423

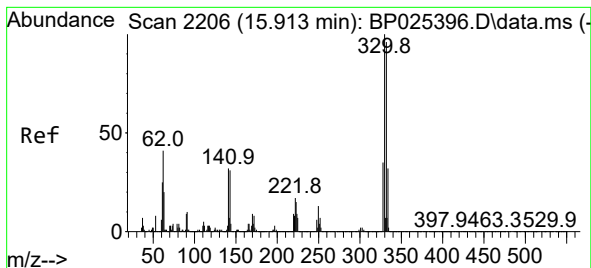
Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

160 46.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 126.855 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025456.D

Acq: 18 Aug 2025 11:20

Instrument :

BNA_P

ClientSampleId :

PB169244BL

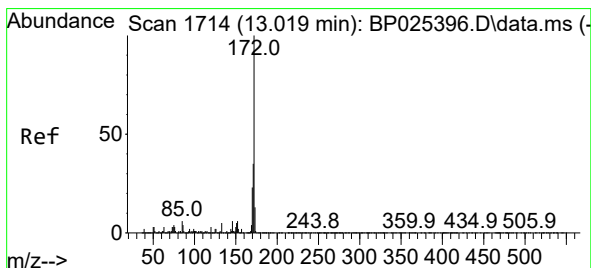
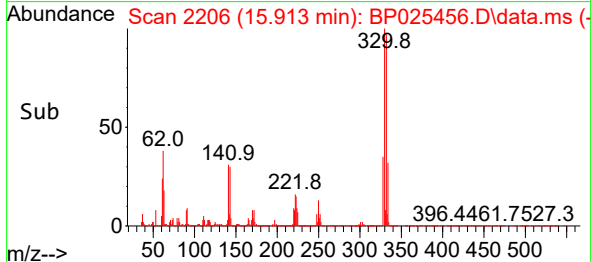
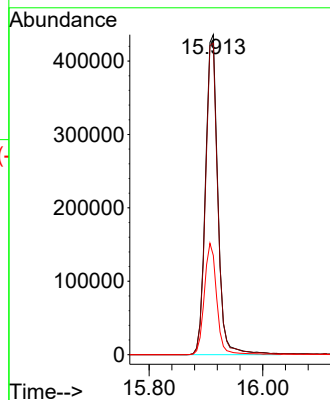
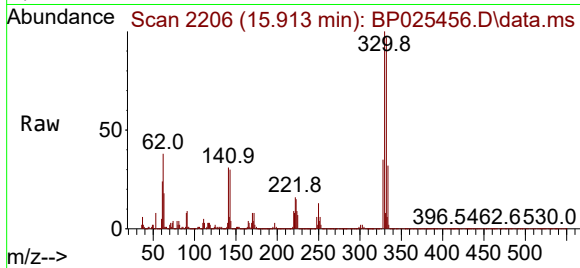
Tgt Ion:330 Resp: 656396

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 35.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 74.452 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025456.D

Acq: 18 Aug 2025 11:20

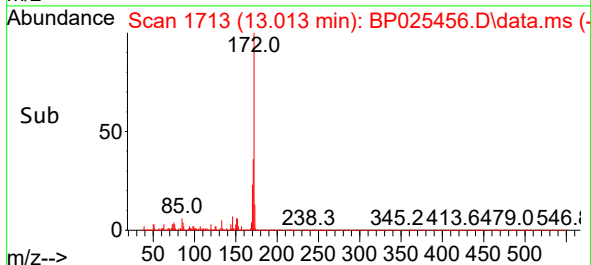
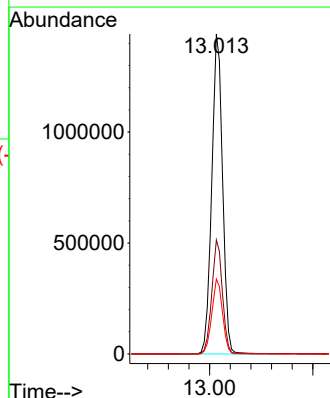
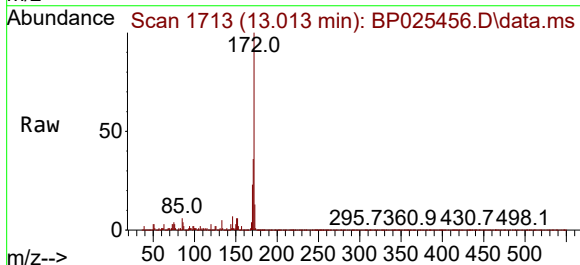
Tgt Ion:172 Resp: 2094197

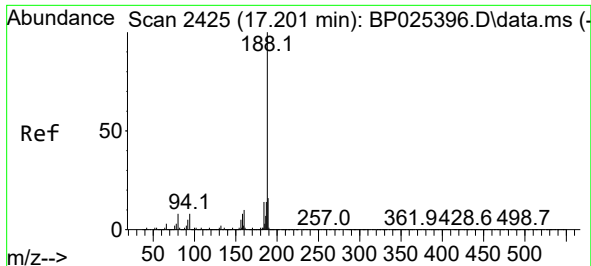
Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.4 18.6 28.0

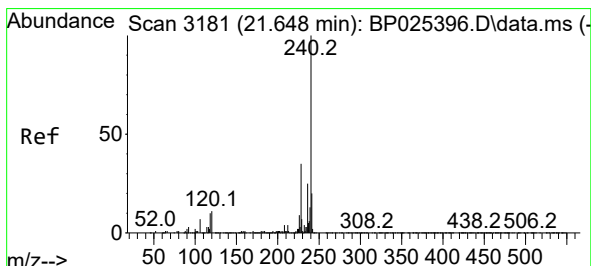
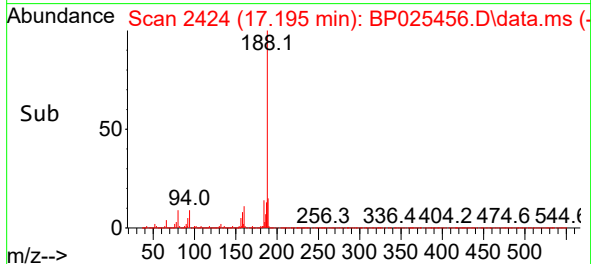
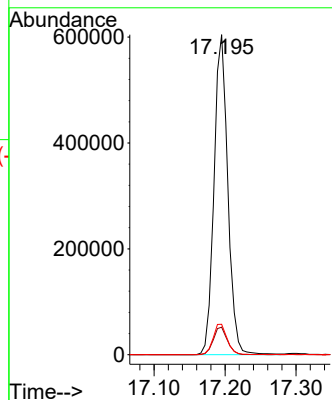
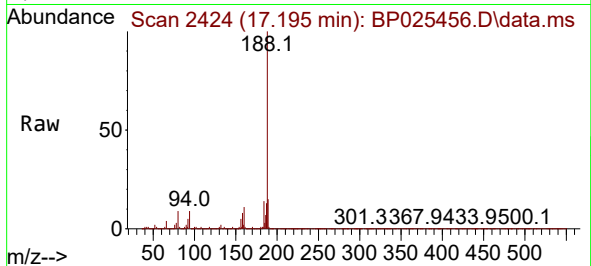




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025456.D
Acq: 18 Aug 2025 11:20

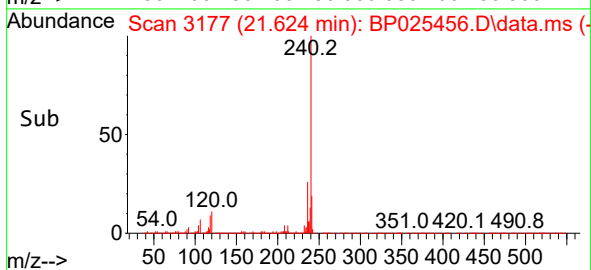
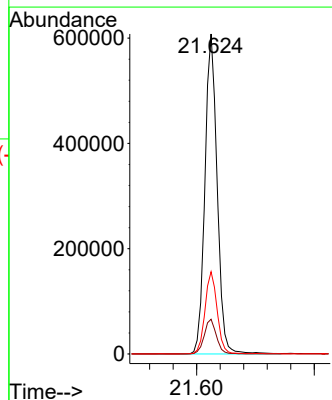
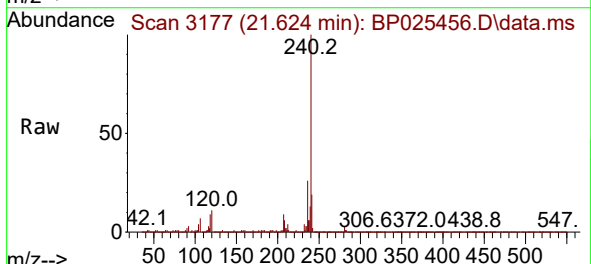
Instrument :
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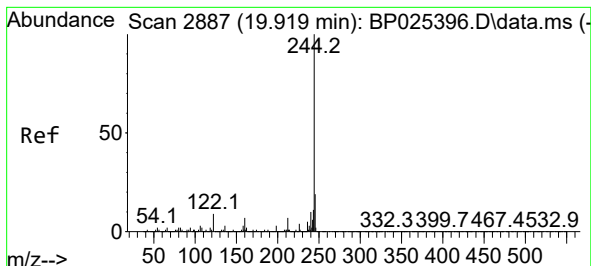
Tgt Ion:188 Resp: 815327
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.023 min
Lab File: BP025456.D
Acq: 18 Aug 2025 11:20

Tgt Ion:240 Resp: 879189
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 76.407 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025456.D

Acq: 18 Aug 2025 11:20

Instrument :

BNA_P

ClientSampleId :

PB169244BL

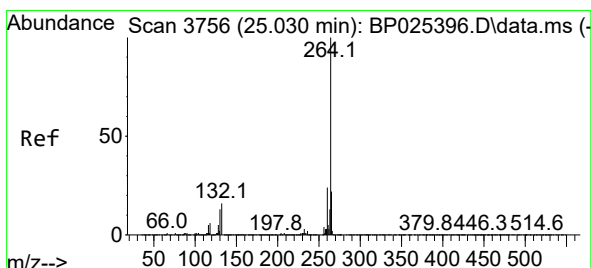
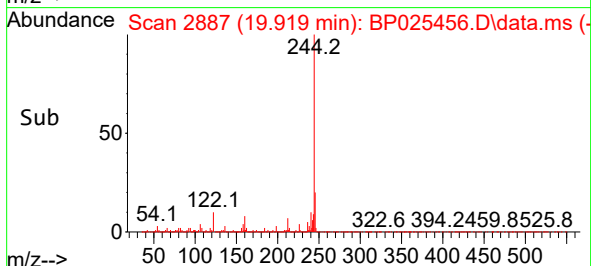
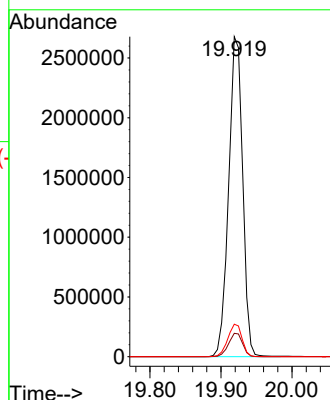
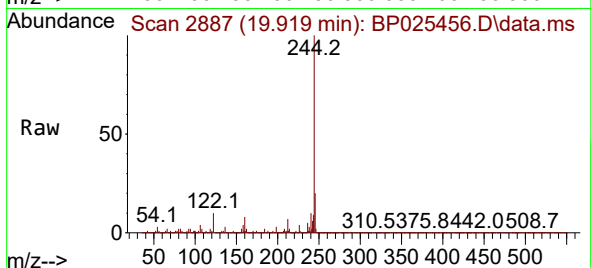
Tgt Ion:244 Resp: 3671707

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 10.1 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 3748

Delta R.T. -0.047 min

Lab File: BP025456.D

Acq: 18 Aug 2025 11:20

Tgt Ion:264 Resp: 950402

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.5 17.4 26.0

