

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025091.D
 Acq On : 10 Jul 2025 20:26
 Operator : CG/JU
 Sample : Q2519-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-15

Quant Time: Jul 11 02:32:17 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	7.437	152	717283	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2907052	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1888168	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	3733064	20.000	ng	0.00
76) Chrysene-d12	21.336	240	3458651	20.000	ng	0.00
86) Perylene-d12	24.460	264	3044442	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	3375764	83.389	ng	0.00
7) Phenol-d6	6.631	99	4307564	81.539	ng	0.00
23) Nitrobenzene-d5	8.566	82	2583099	59.094	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2139728	95.928	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	6762236	55.481	ng	-0.01
79) Terphenyl-d14	19.666	244	10022039	63.685	ng	0.00

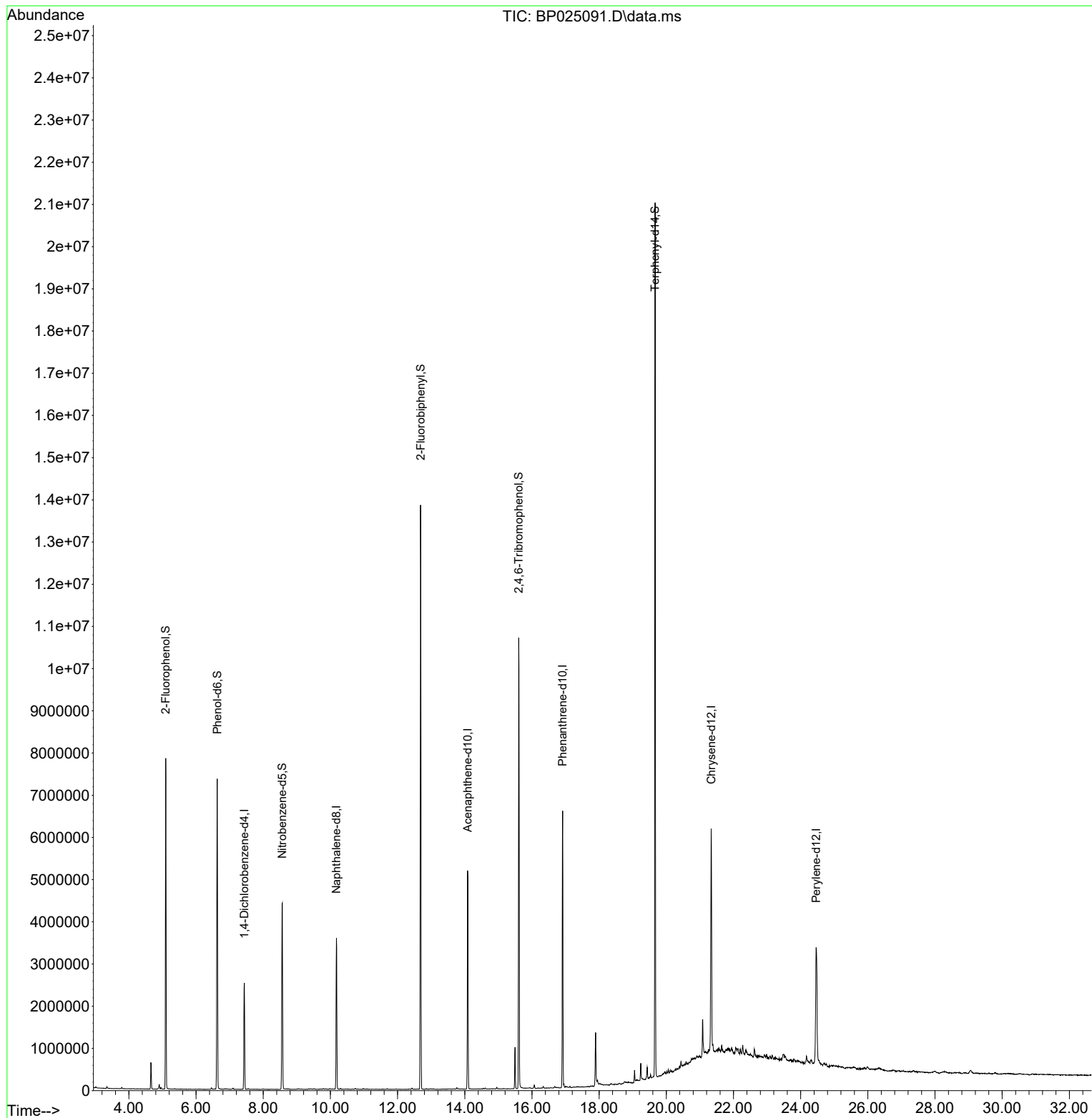
Target Compounds	Qvalue

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

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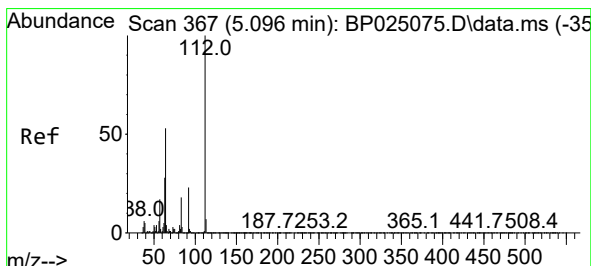
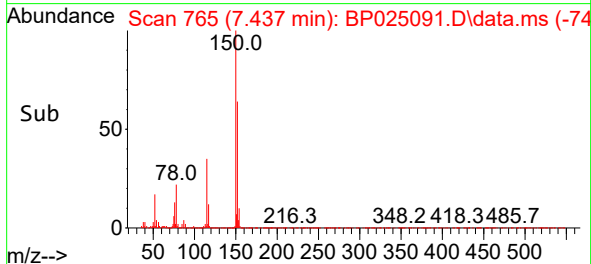
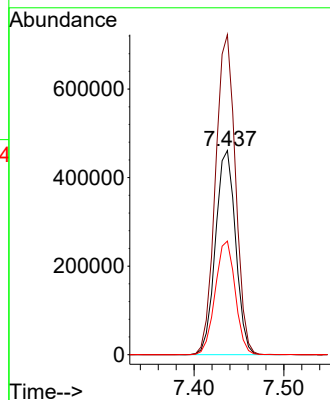
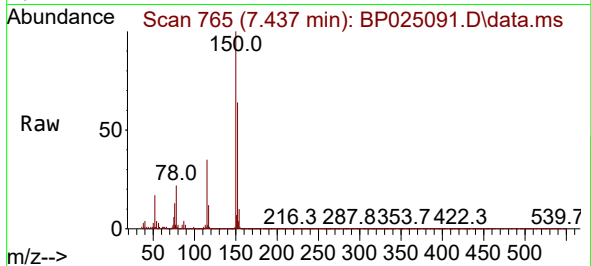




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 712
Delta R.T. -0.006 min
Lab File: BP025091.D
Acq: 10 Jul 2025 20:26

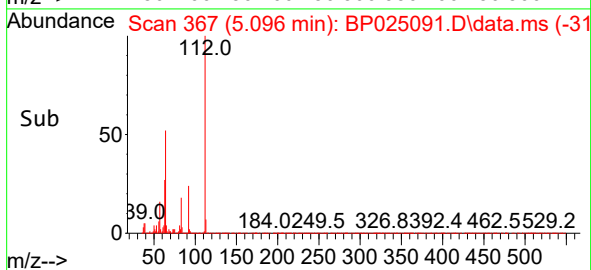
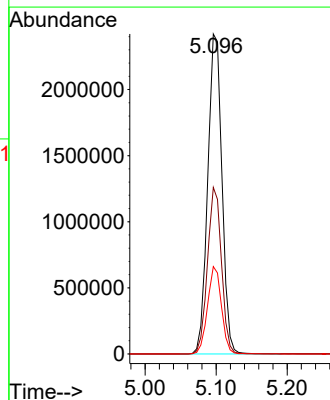
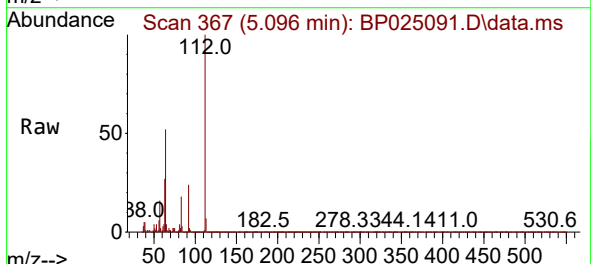
Instrument :
BNA_P
ClientSampleId :
TP-15

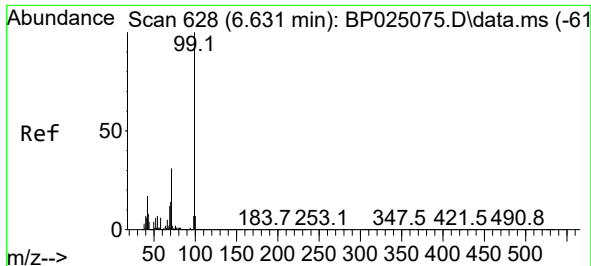
Tgt Ion:152 Resp: 717283
Ion Ratio Lower Upper
152 100
150 156.7 126.1 189.1
115 55.6 44.3 66.5



#5
2-Fluorophenol
Concen: 83.389 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025091.D
Acq: 10 Jul 2025 20:26

Tgt Ion:112 Resp: 3375764
Ion Ratio Lower Upper
112 100
64 52.1 42.0 63.0
63 27.3 22.2 33.2



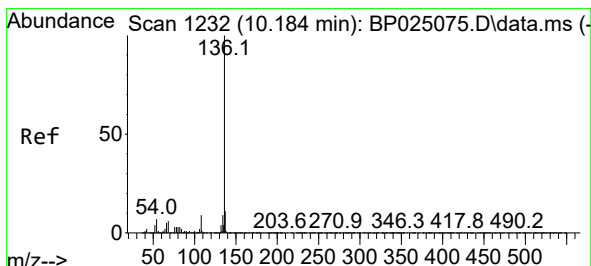
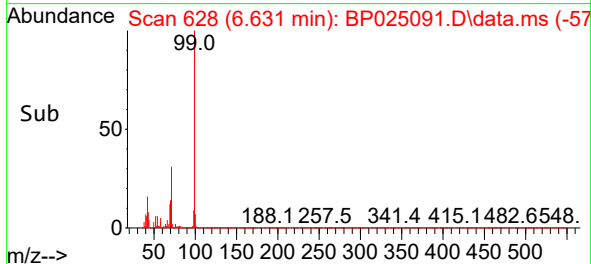
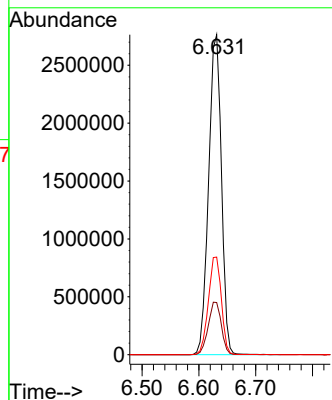
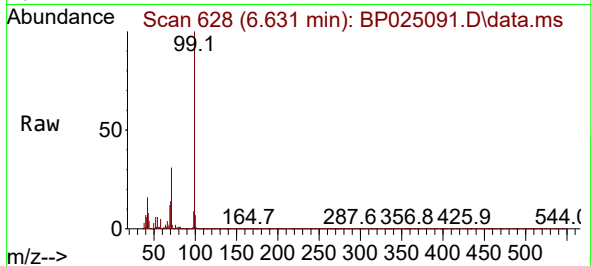


#7
Phenol-d6
Concen: 81.539 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025091.D
Acq: 10 Jul 2025 20:26

Instrument :
BNA_P
ClientSampleId :
TP-15

Tgt Ion: 99 Resp: 4307564

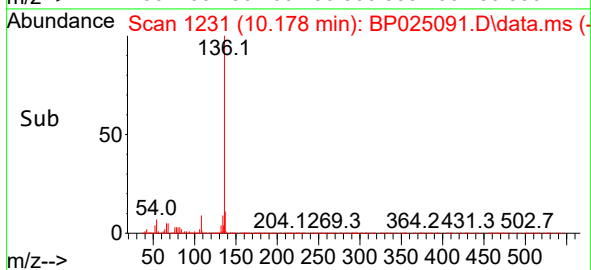
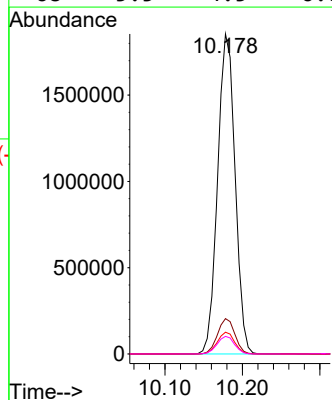
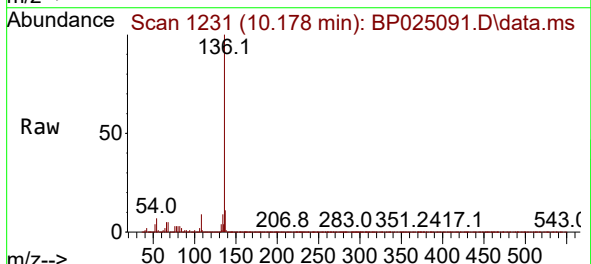
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	30.5	24.4	36.6

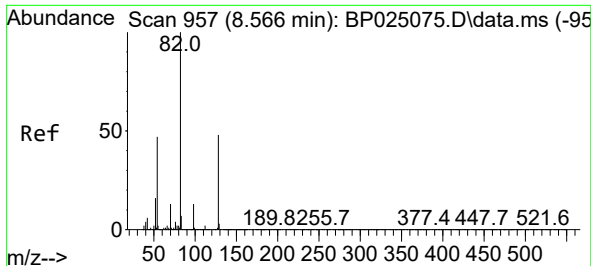


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025091.D
Acq: 10 Jul 2025 20:26

Tgt Ion:136 Resp: 2907052

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.5	6.7

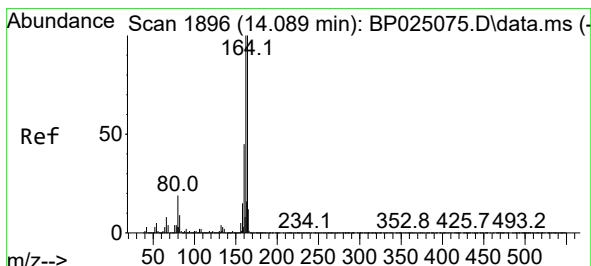
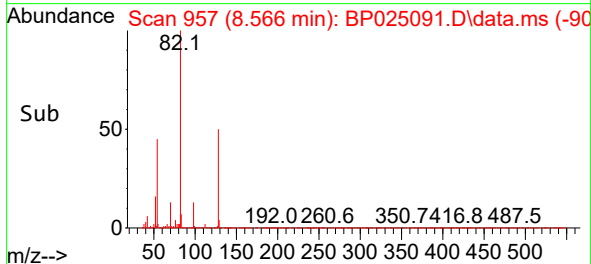
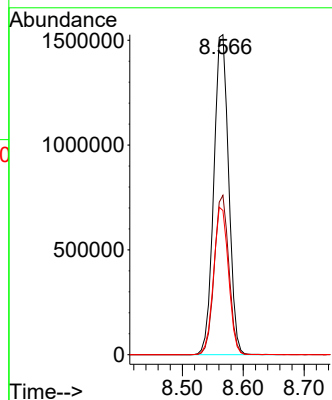
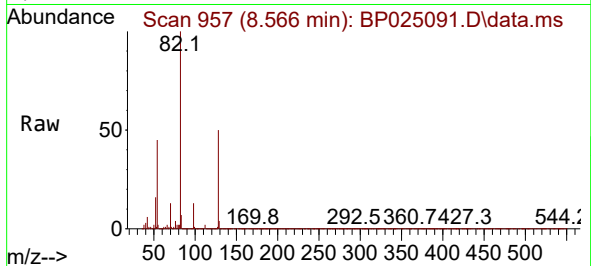




#23
Nitrobenzene-d5
Concen: 59.094 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025091.D
Acq: 10 Jul 2025 20:26

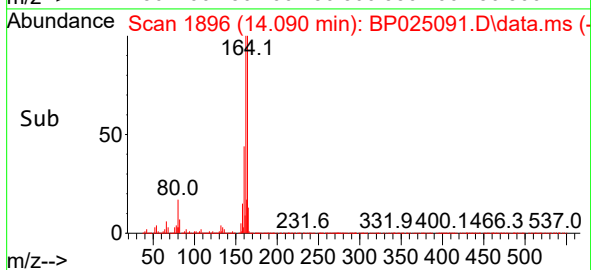
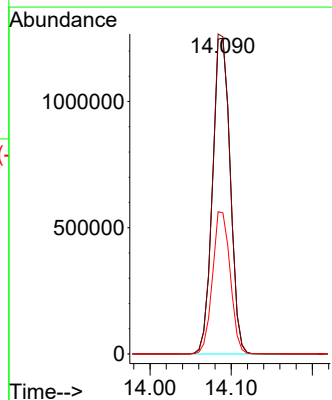
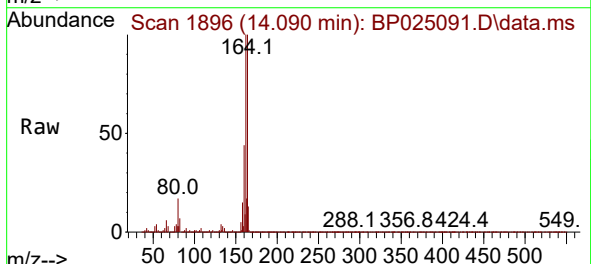
Instrument :
BNA_P
ClientSampleId :
TP-15

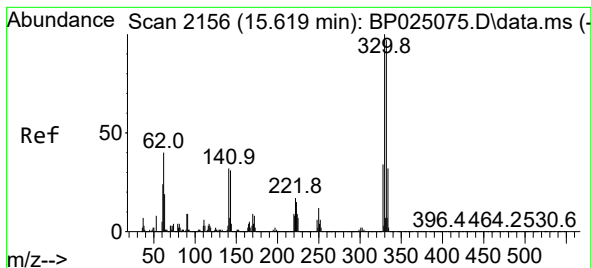
Tgt Ion: 82 Resp: 2583099
Ion Ratio Lower Upper
82 100
128 49.8 38.4 57.6
54 45.1 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1896
Delta R.T. 0.001 min
Lab File: BP025091.D
Acq: 10 Jul 2025 20:26

Tgt Ion:164 Resp: 1888168
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 95.928 ng

RT: 15.607 min Scan# 2156

Delta R.T. -0.012 min

Lab File: BP025091.D

Acq: 10 Jul 2025 20:26

Instrument :

BNA_P

ClientSampleId :

TP-15

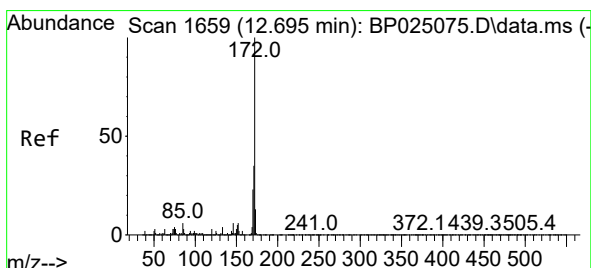
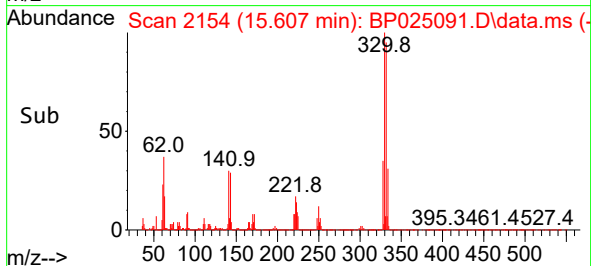
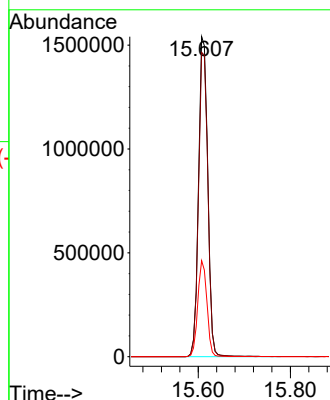
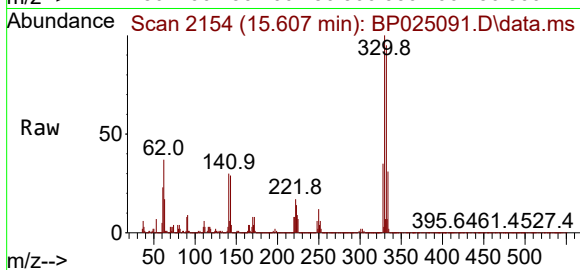
Tgt Ion:330 Resp: 2139728

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 29.7 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 55.481 ng

RT: 12.684 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BP025091.D

Acq: 10 Jul 2025 20:26

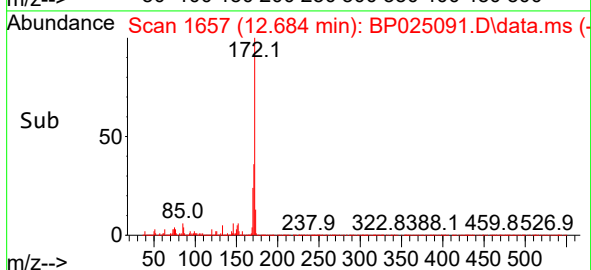
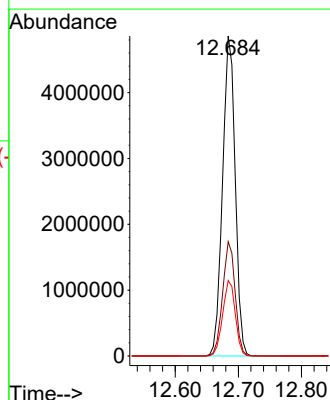
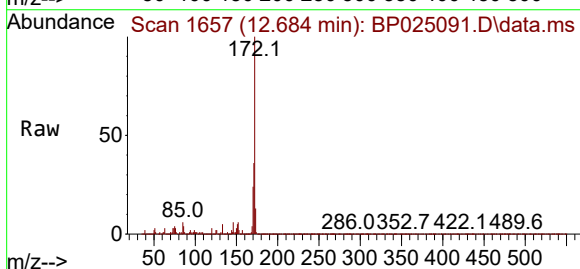
Tgt Ion:172 Resp: 6762236

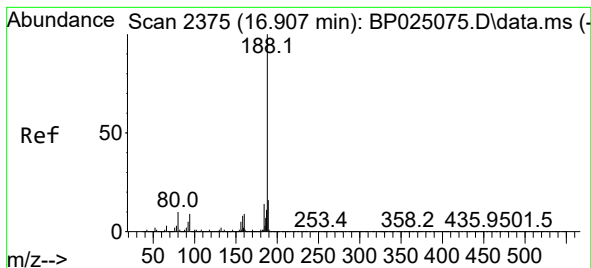
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025091.D

Acq: 10 Jul 2025 20:26

Instrument :

BNA_P

ClientSampleId :

TP-15

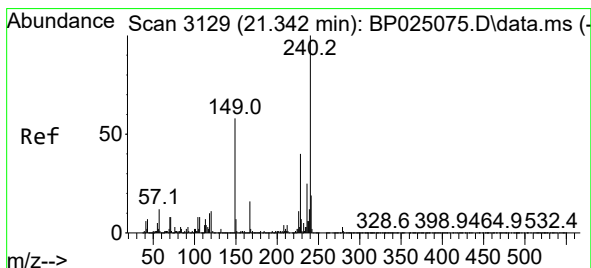
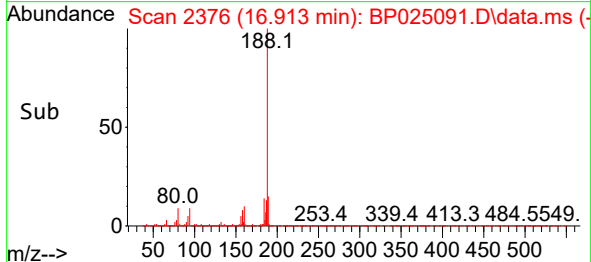
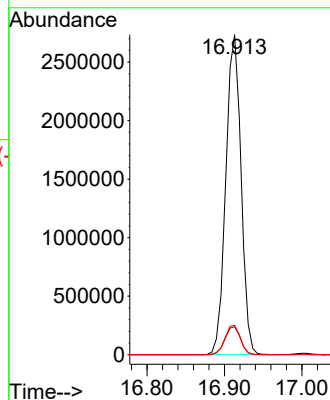
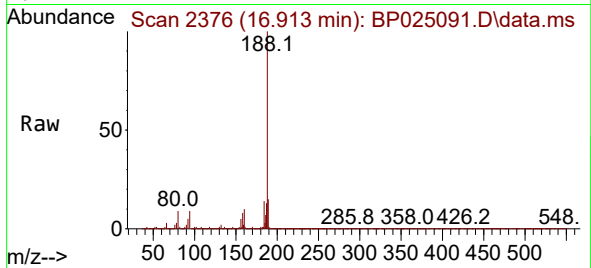
Tgt Ion:188 Resp: 3733064

Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

80 9.1 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.336 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BP025091.D

Acq: 10 Jul 2025 20:26

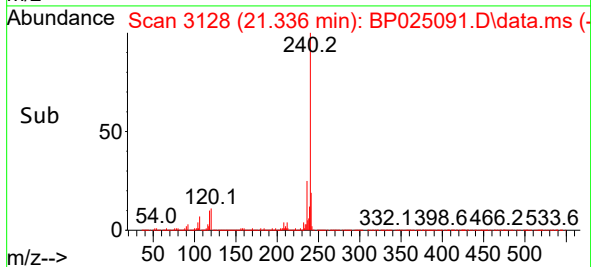
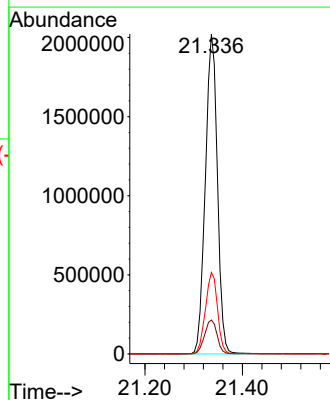
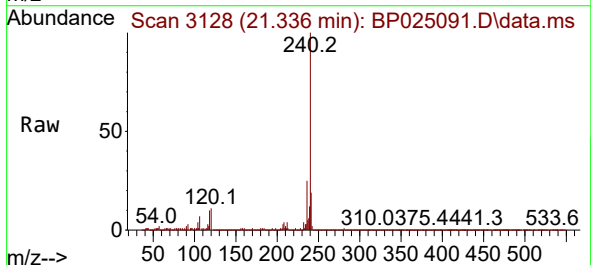
Tgt Ion:240 Resp: 3458651

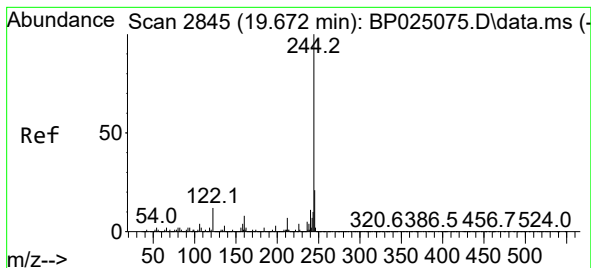
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 63.685 ng

RT: 19.666 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025091.D

Acq: 10 Jul 2025 20:26

Instrument :

BNA_P

ClientSampleId :

TP-15

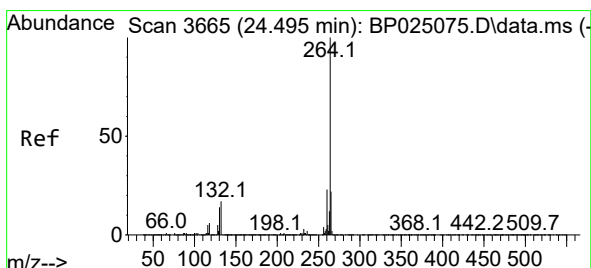
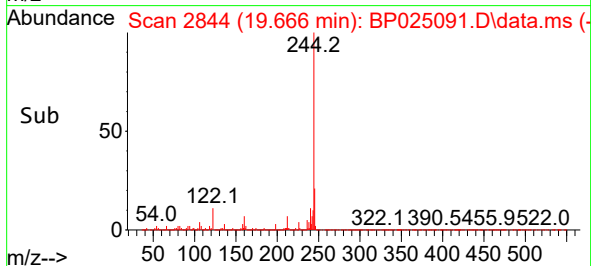
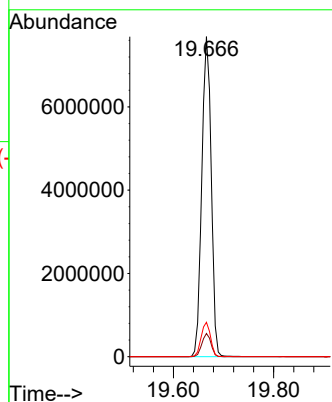
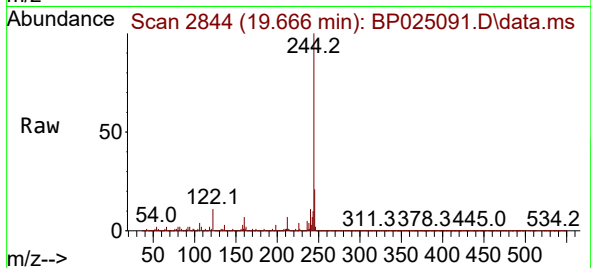
Tgt Ion:244 Resp:10022039

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.8 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.460 min Scan# 3659

Delta R.T. -0.035 min

Lab File: BP025091.D

Acq: 10 Jul 2025 20:26

Tgt Ion:264 Resp: 3044442

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.0 17.7 26.5

