

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025513.D
Acq On : 20 Aug 2025 19:08
Operator : CG/JU
Sample : PB169259BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 21 01:36:35 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	165727	20.000	ng	-0.01
21) Naphthalene-d8	10.560	136	604691	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	359341	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	696145	20.000	ng	0.00
76) Chrysene-d12	21.654	240	803107	20.000	ng	0.00
86) Perylene-d12	25.036	264	1000703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	1239752	124.232	ng	0.00
7) Phenol-d6	6.966	99	1495688	116.902	ng	0.00
23) Nitrobenzene-d5	8.931	82	978215	81.833	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	595541	123.128	ng	0.00
45) 2-Fluorobiphenyl	13.030	172	2091778	79.557	ng	0.01
79) Terphenyl-d14	19.924	244	3226921	73.513	ng	0.00

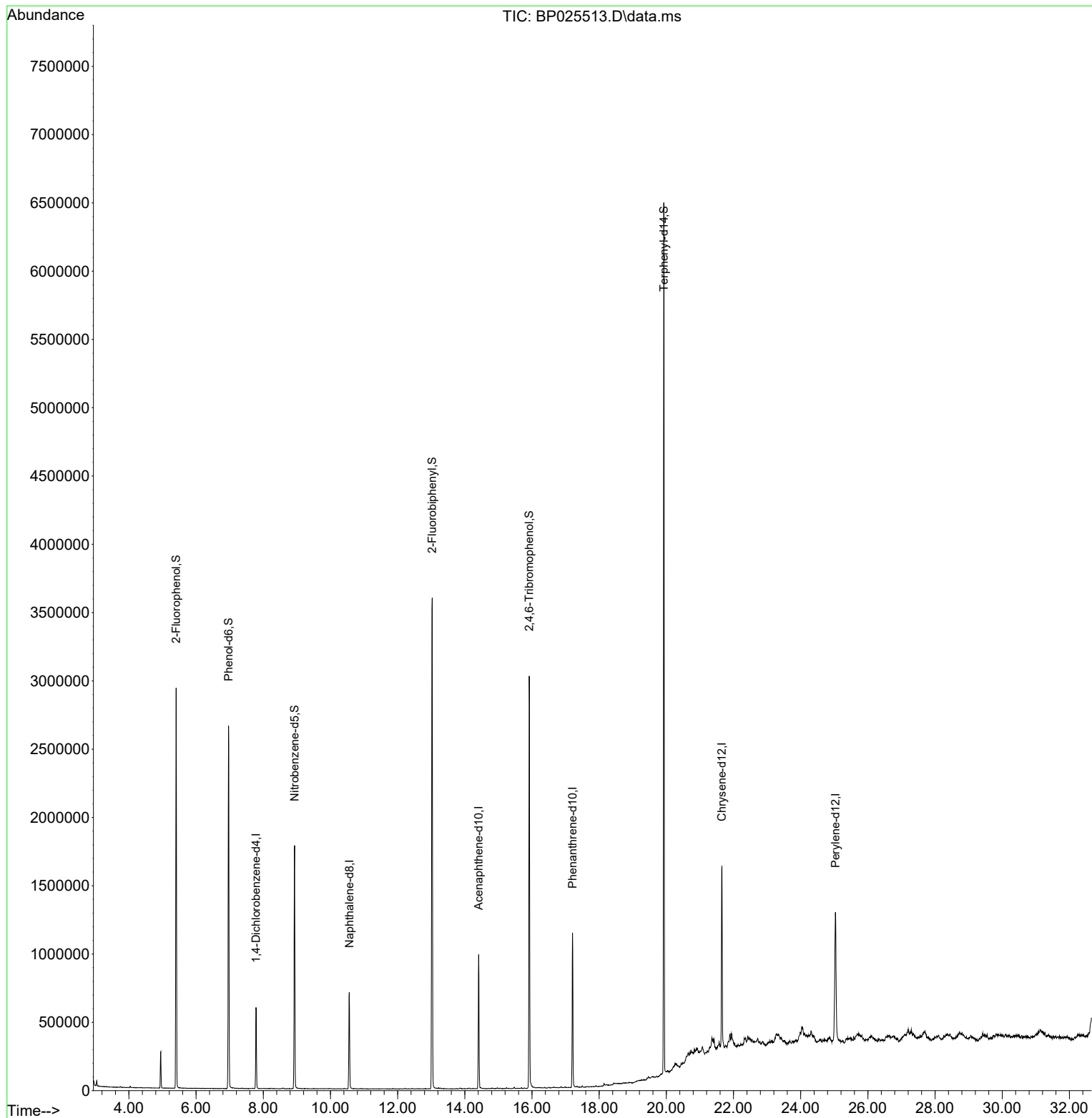
Target Compounds	Qvalue

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

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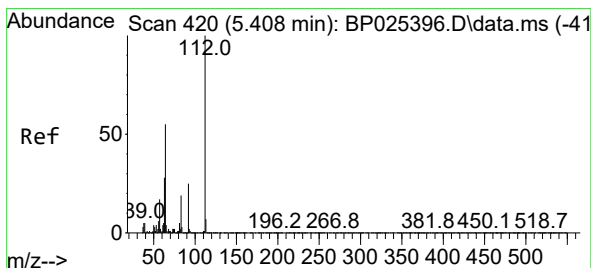
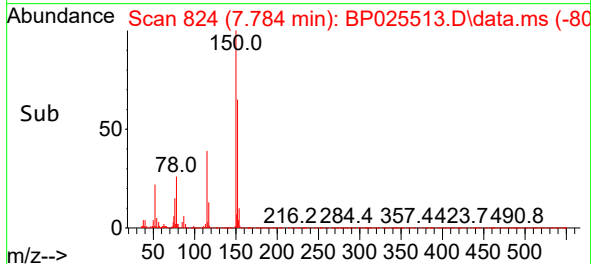
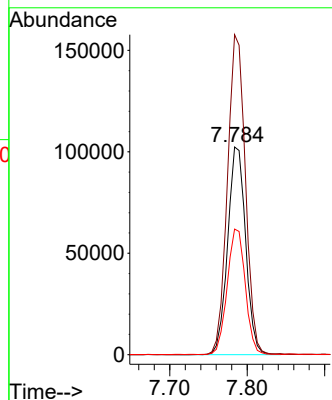
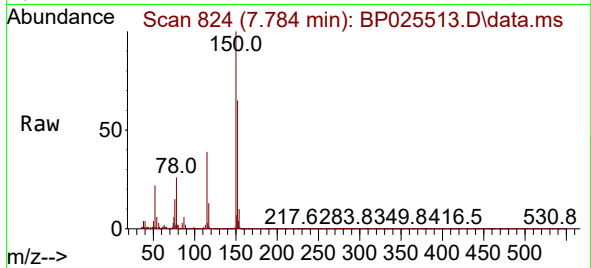




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025513.D
 Acq: 20 Aug 2025 19:08

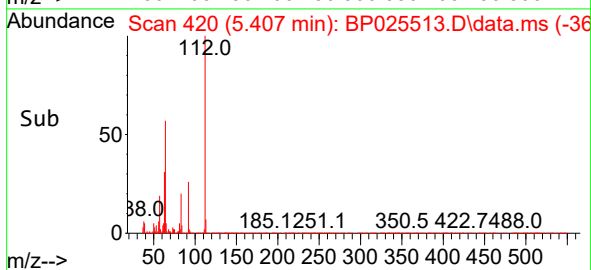
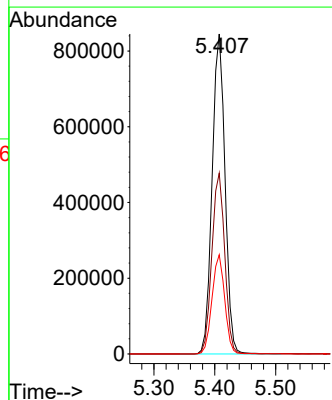
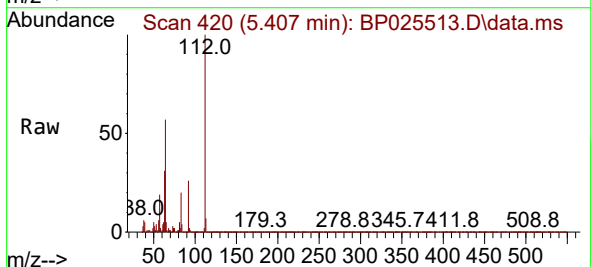
Instrument :
 BNA_P
 ClientSampleId :

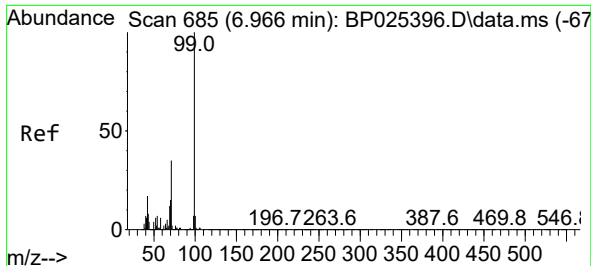
Tgt Ion:152 Resp: 165727
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.9 188.9
 115 60.4 48.5 72.7



#5
 2-Fluorophenol
 Concen: 124.232 ng
 RT: 5.407 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025513.D
 Acq: 20 Aug 2025 19:08

Tgt Ion:112 Resp: 1239752
 Ion Ratio Lower Upper
 112 100
 64 56.5 43.8 65.8
 63 31.0 22.7 34.1



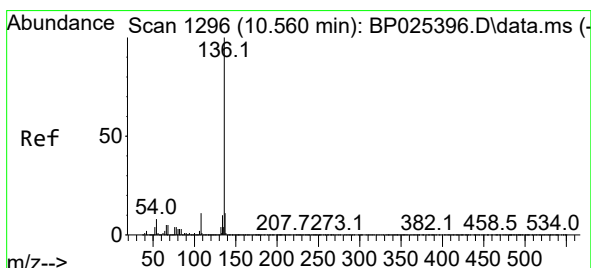
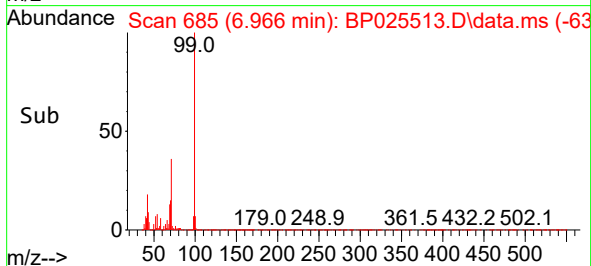
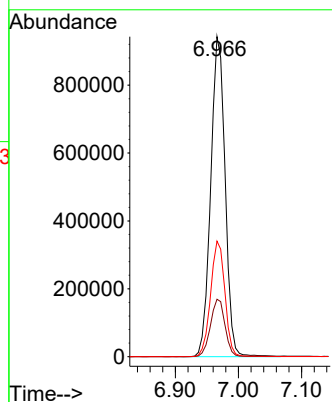
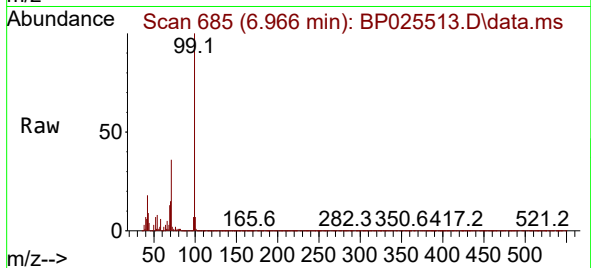


#7
Phenol-d6
Concen: 116.902 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025513.D
Acq: 20 Aug 2025 19:08

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1495688

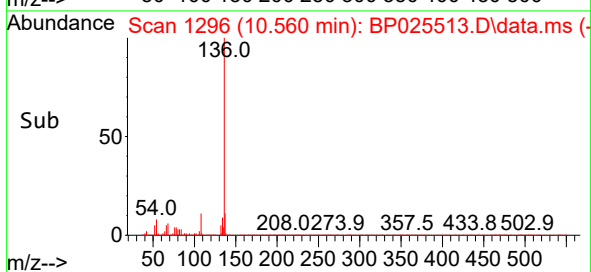
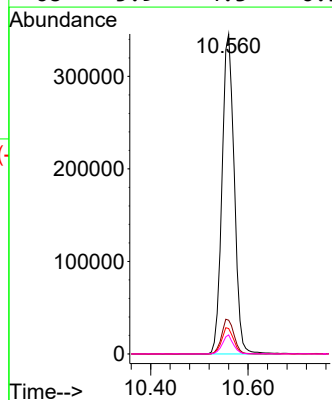
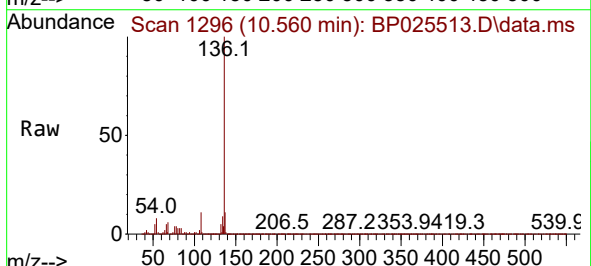
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	36.1	28.2	42.4

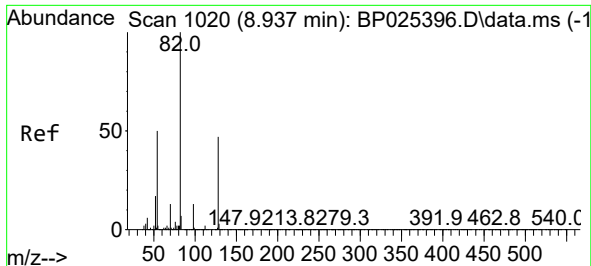


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP025513.D
Acq: 20 Aug 2025 19:08

Tgt Ion:136 Resp: 604691

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.0	6.0	9.0
68	5.9	4.3	6.5

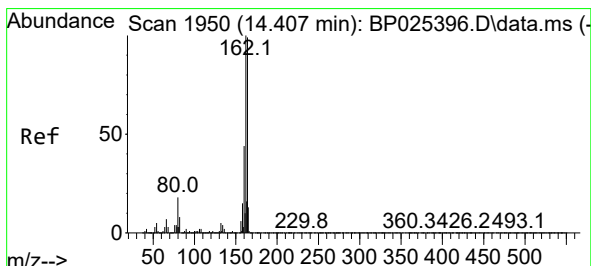
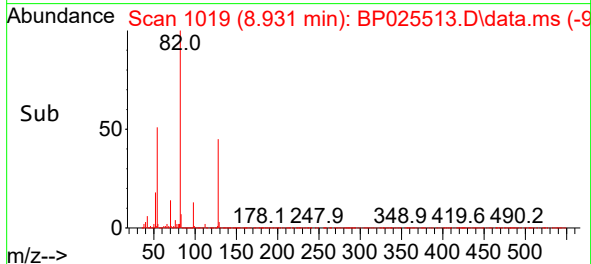
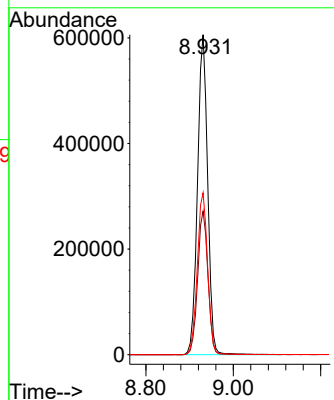
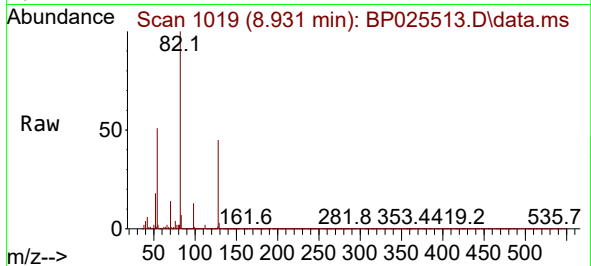




#23
 Nitrobenzene-d5
 Concen: 81.833 ng
 RT: 8.931 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: BP025513.D
 Acq: 20 Aug 2025 19:08

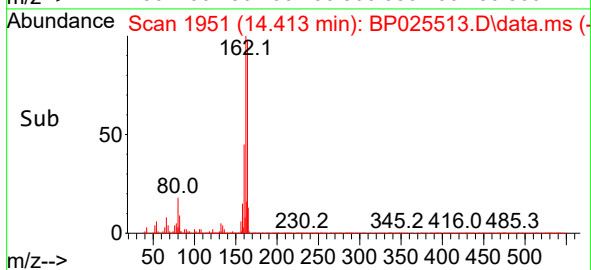
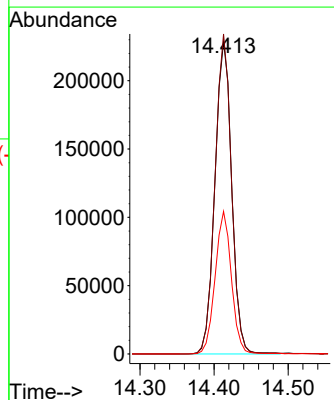
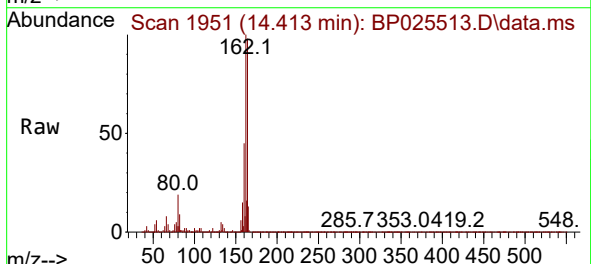
Instrument :
 BNA_P
 ClientSampleId :

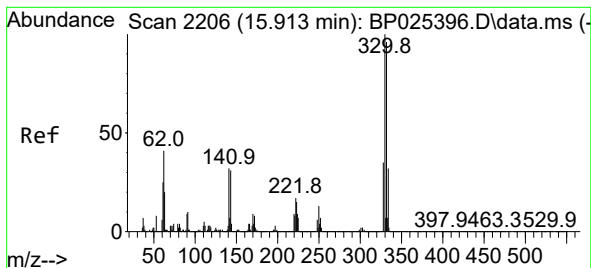
Tgt Ion: 82 Resp: 978215
 Ion Ratio Lower Upper
 82 100
 128 44.8 37.7 56.5
 54 50.6 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.413 min Scan# 1951
 Delta R.T. 0.006 min
 Lab File: BP025513.D
 Acq: 20 Aug 2025 19:08

Tgt Ion:164 Resp: 359341
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.0 121.6
 160 45.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 123.128 ng

RT: 15.919 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025513.D

Acq: 20 Aug 2025 19:08

Instrument :

BNA_P

ClientSampleId :

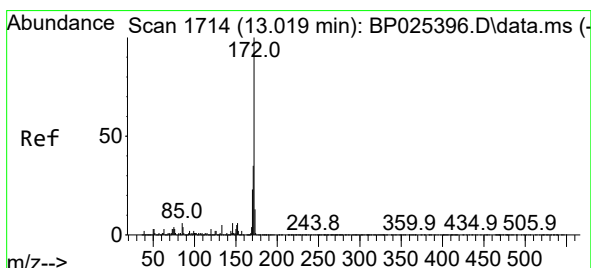
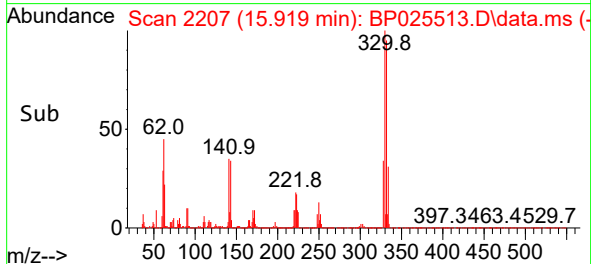
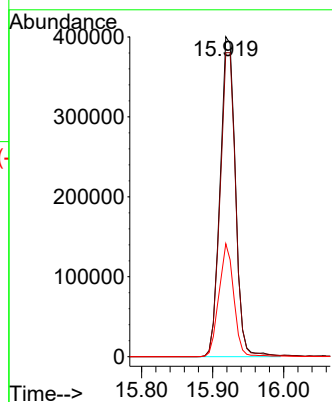
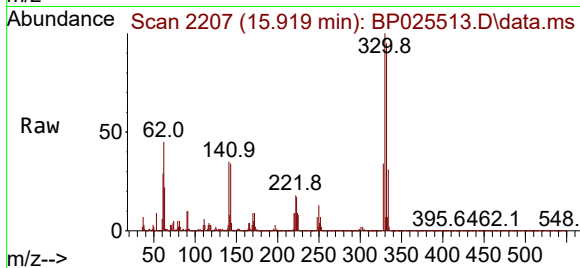
Tgt Ion:330 Resp: 595541

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 34.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 79.557 ng

RT: 13.030 min Scan# 1716

Delta R.T. 0.012 min

Lab File: BP025513.D

Acq: 20 Aug 2025 19:08

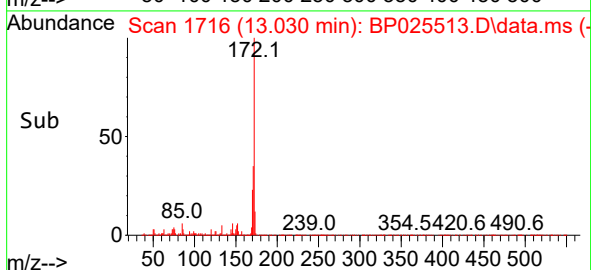
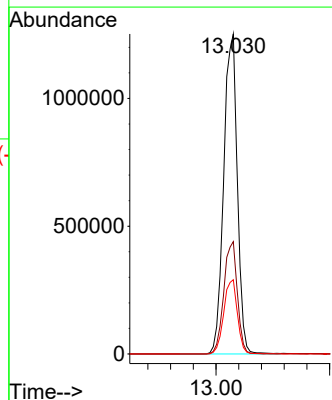
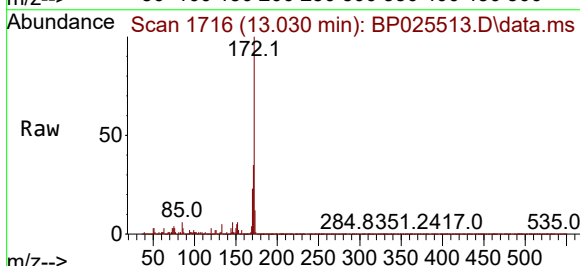
Tgt Ion:172 Resp: 2091778

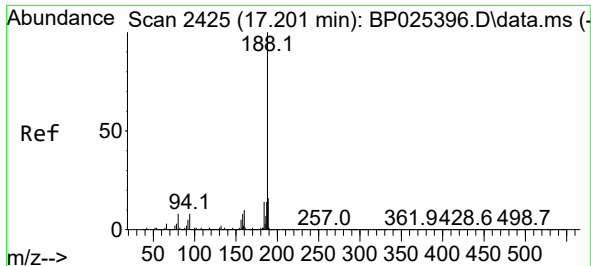
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.2 18.6 28.0

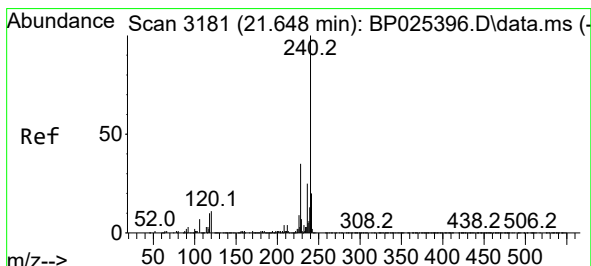
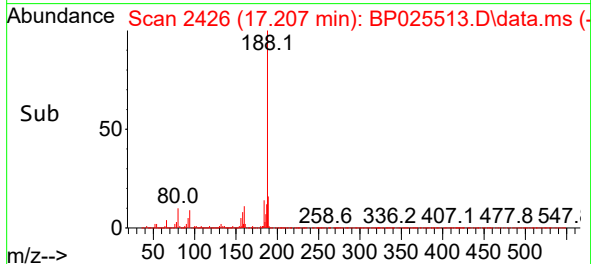
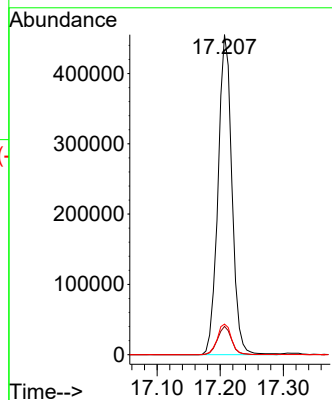
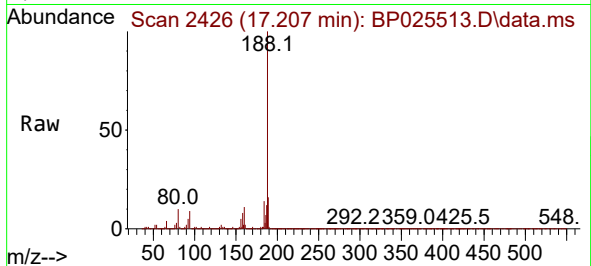




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP025513.D
Acq: 20 Aug 2025 19:08

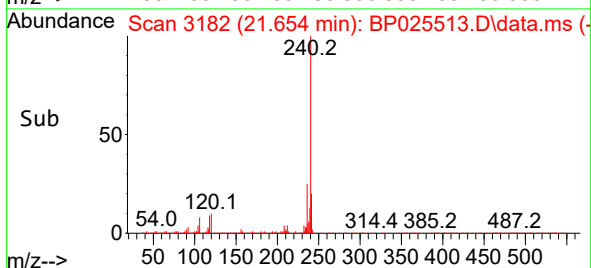
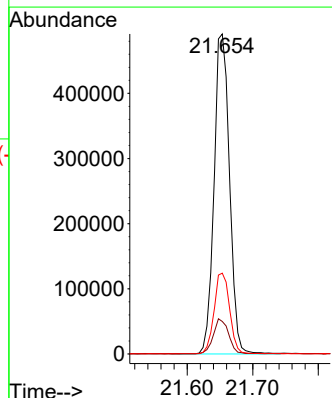
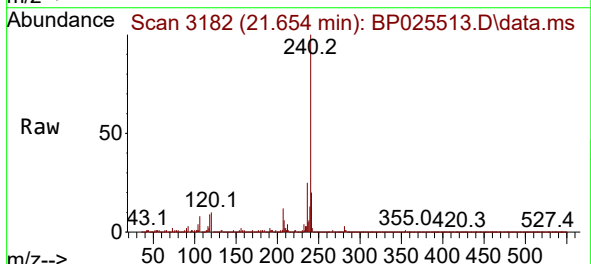
Instrument :
BNA_P
ClientSampleId :

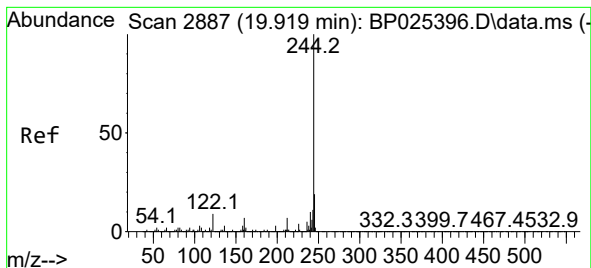
Tgt Ion:188 Resp: 696145
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.654 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP025513.D
Acq: 20 Aug 2025 19:08

Tgt Ion:240 Resp: 803107
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 73.513 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025513.D

Acq: 20 Aug 2025 19:08

Instrument :

BNA_P

ClientSampleId :

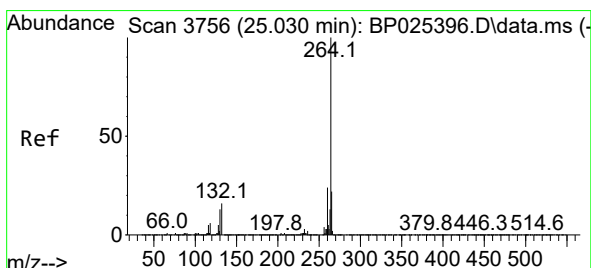
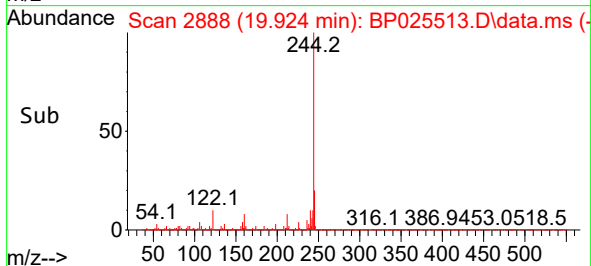
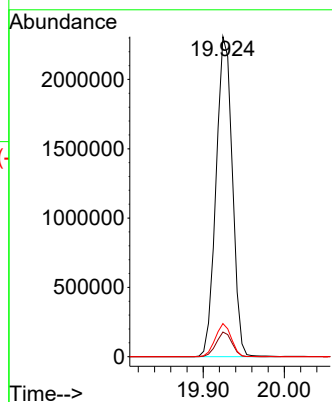
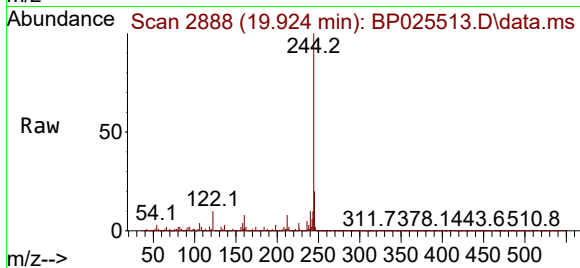
Tgt Ion:244 Resp: 3226921

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 10.3 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.036 min Scan# 3757

Delta R.T. 0.006 min

Lab File: BP025513.D

Acq: 20 Aug 2025 19:08

Tgt Ion:264 Resp: 1000703

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 22.6 17.4 26.0

