

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025572.D
 Acq On : 25 Aug 2025 19:52
 Operator : CG/JU
 Sample : Q2932-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0009

Quant Time: Aug 26 01:16:15 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)

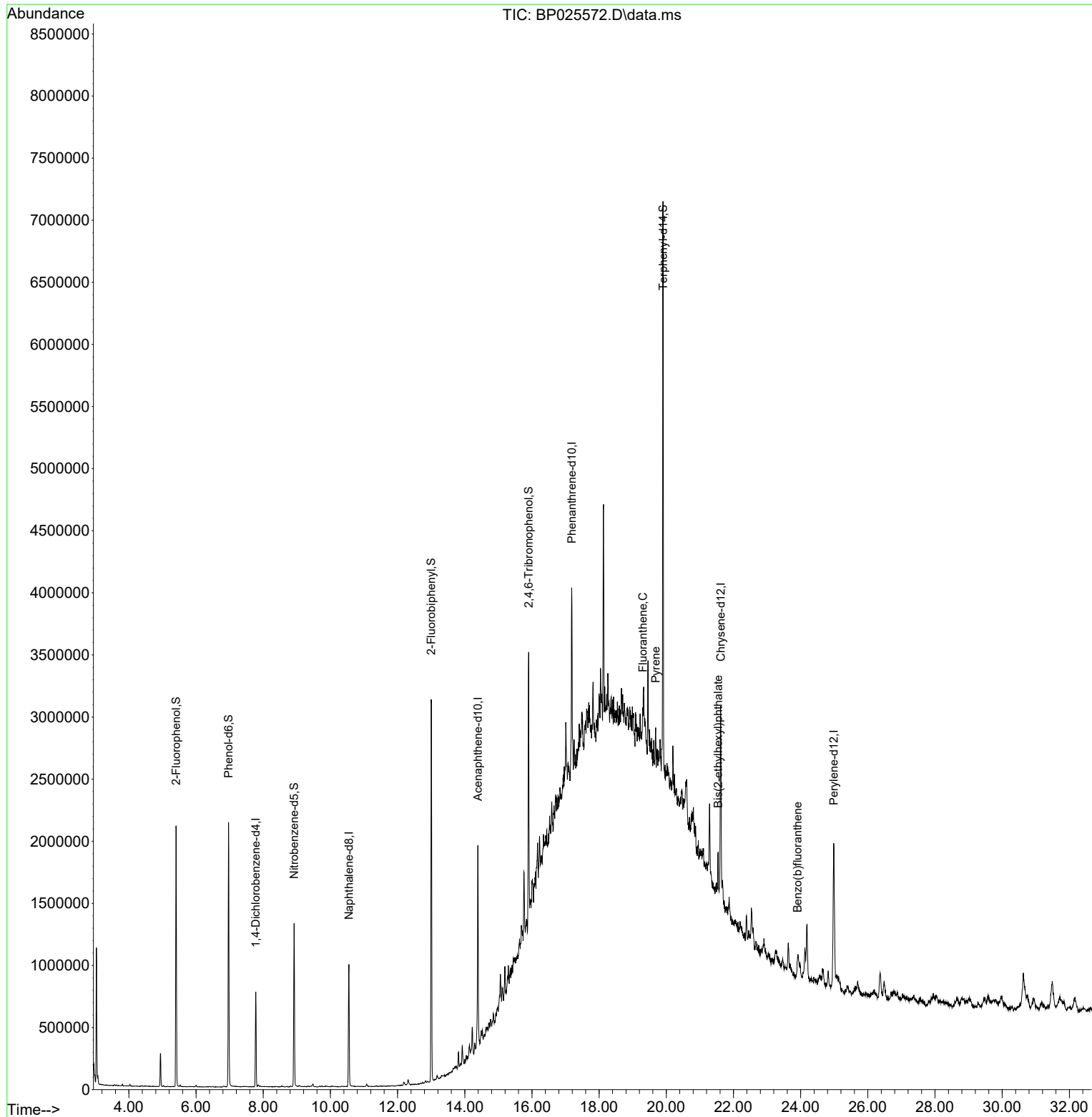
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	218929	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	851886	20.000	ng	-0.01
39) Acenaphthene-d10	14.390	164	515079	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	906963	20.000	ng	#-0.02
76) Chrysene-d12	21.619	240	1060375	20.000	ng	-0.03
86) Perylene-d12	24.989	264	1244243	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	947942	71.907	ng	0.00
7) Phenol-d6	6.966	99	1188328	70.308	ng	0.00
23) Nitrobenzene-d5	8.919	82	757598	44.987	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	484767	69.922	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	1713394	45.462	ng	-0.02
79) Terphenyl-d14	19.901	244	2429038	41.911	ng	-0.02
Target Compounds						Qvalue
75) Fluoranthene	19.301	202	148969	2.507	ng	89
78) Pyrene	19.683	202	146190	2.121	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.542	149	148516	3.230	ng	# 96
88) Benzo(b)fluoranthene	23.907	252	197383	2.690	ng	# 87

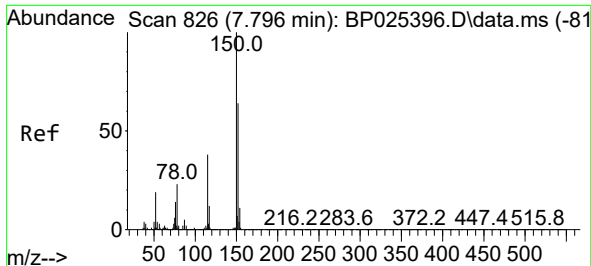
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

Quant Time: Aug 26 01:16:15 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

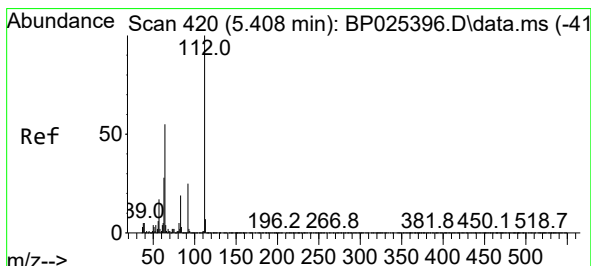
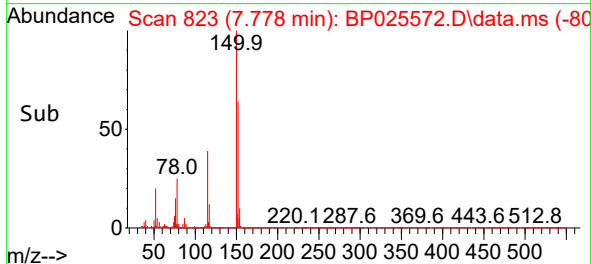
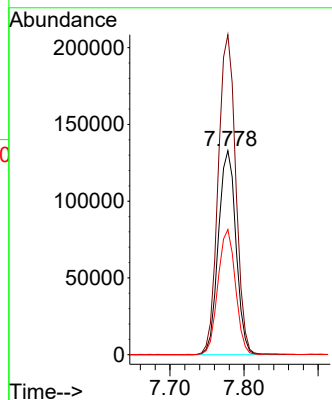
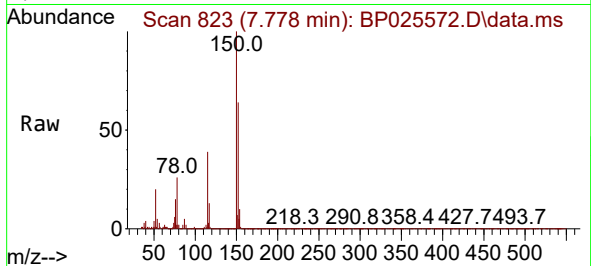




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

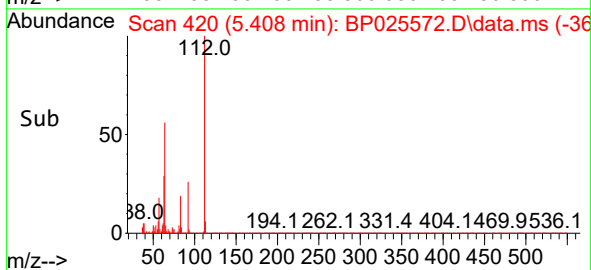
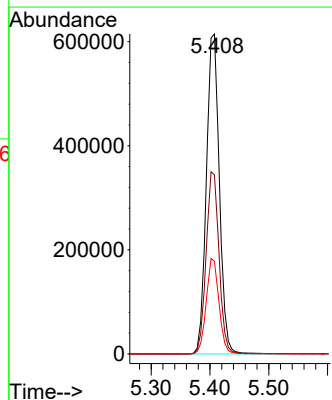
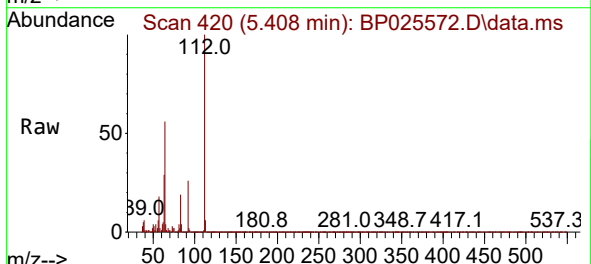
Instrument :
BNA_P
ClientSampleId :
ARS20-0009

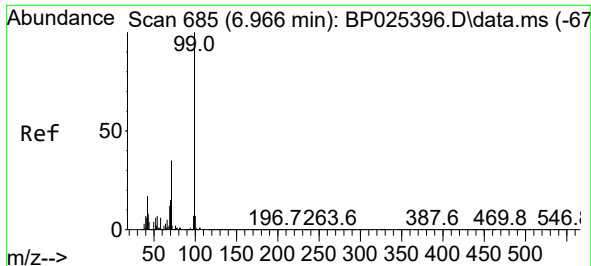
Tgt Ion:152 Resp: 218929
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 61.3 48.5 72.7



#5
2-Fluorophenol
Concen: 71.907 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

Tgt Ion:112 Resp: 947942
Ion Ratio Lower Upper
112 100
64 56.0 43.8 65.8
63 29.0 22.7 34.1

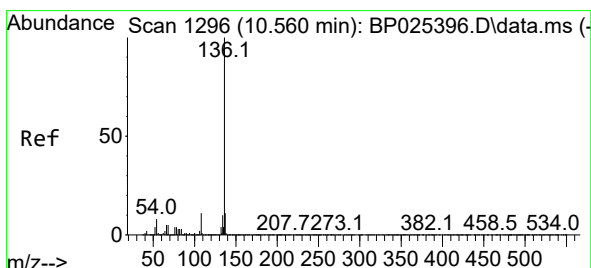
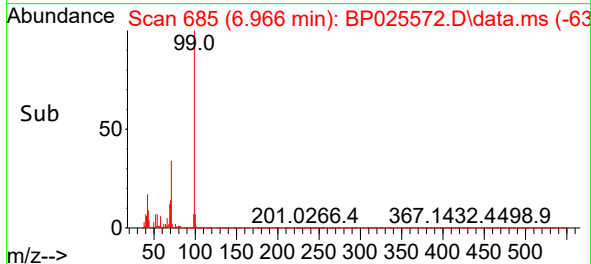
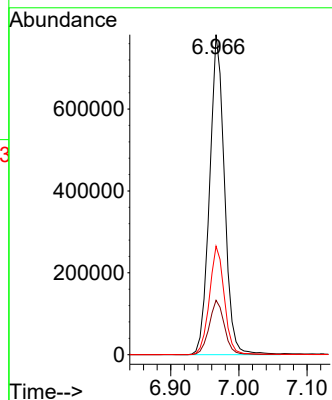
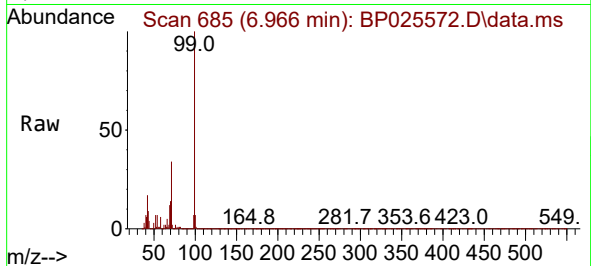




#7
Phenol-d6
Concen: 70.308 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

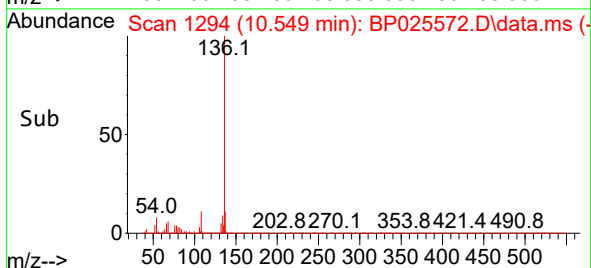
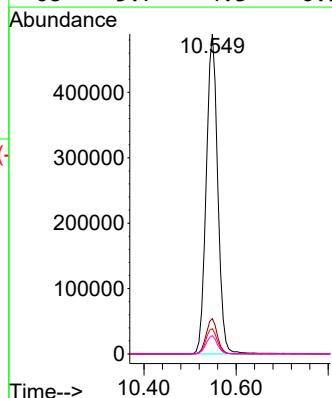
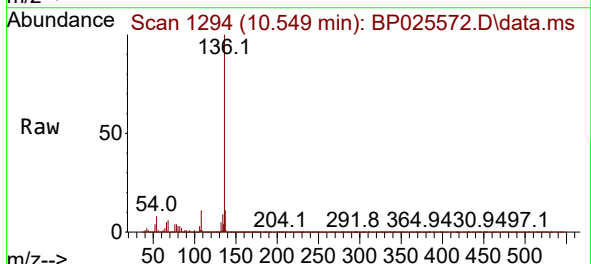
Instrument :
BNA_P
ClientSampleId :
ARS20-0009

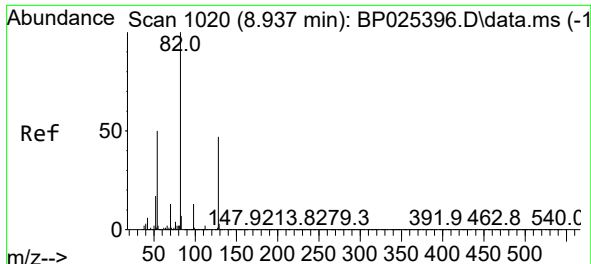
Tgt Ion: 99 Resp: 1188328
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 33.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.549 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

Tgt Ion: 136 Resp: 851886
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.9 6.0 9.0
68 5.7 4.3 6.5

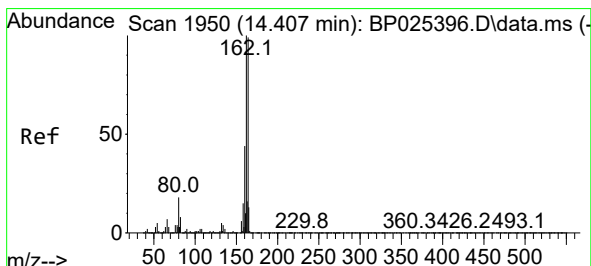
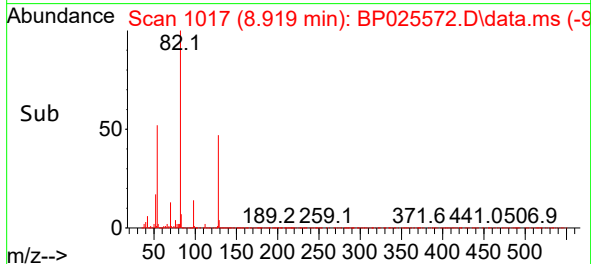
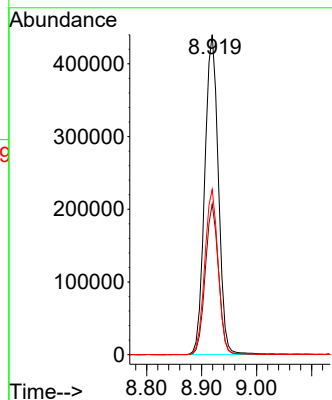
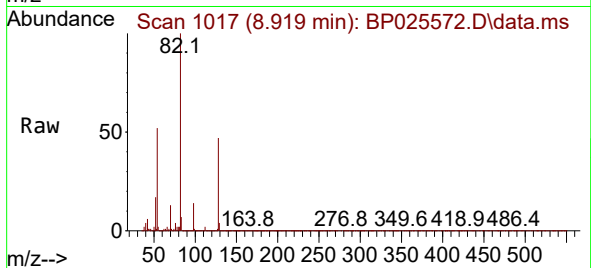




#23
 Nitrobenzene-d5
 Concen: 44.987 ng
 RT: 8.919 min Scan# 1020
 Delta R.T. -0.018 min
 Lab File: BP025572.D
 Acq: 25 Aug 2025 19:52

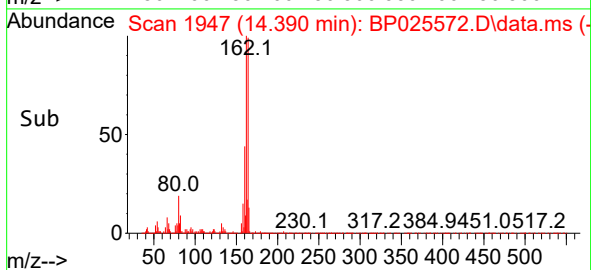
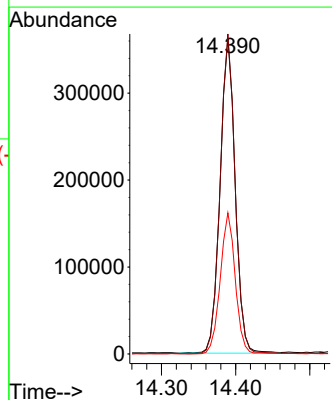
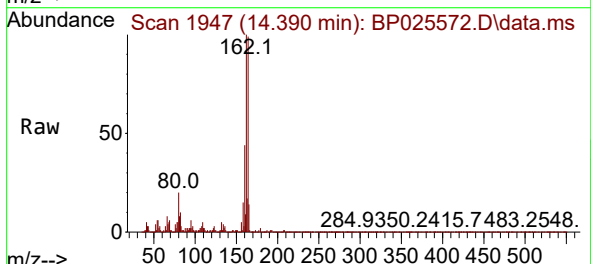
Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0009

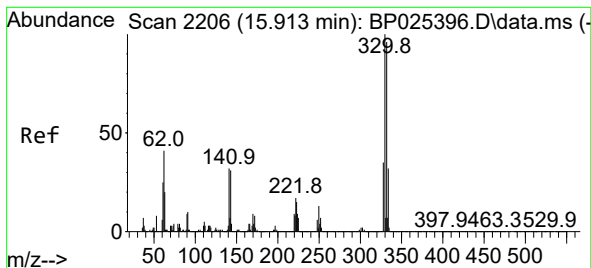
Tgt Ion: 82 Resp: 757598
 Ion Ratio Lower Upper
 82 100
 128 47.1 37.7 56.5
 54 51.7 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.390 min Scan# 1947
 Delta R.T. -0.018 min
 Lab File: BP025572.D
 Acq: 25 Aug 2025 19:52

Tgt Ion:164 Resp: 515079
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.0 121.6
 160 44.6 35.4 53.2

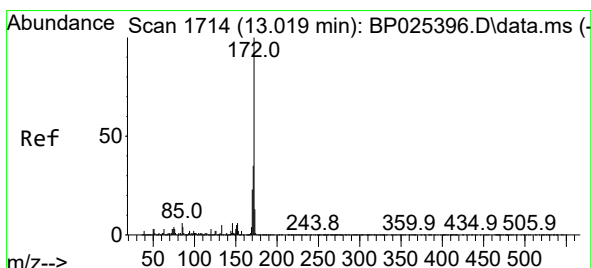
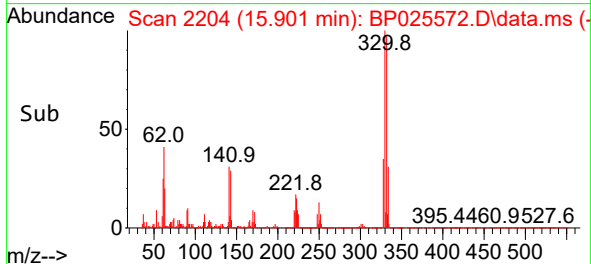
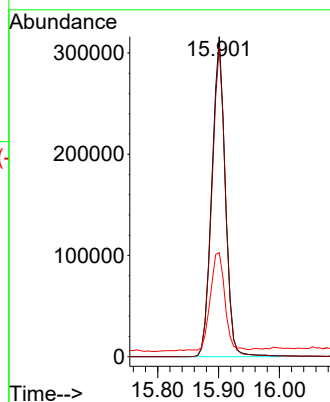
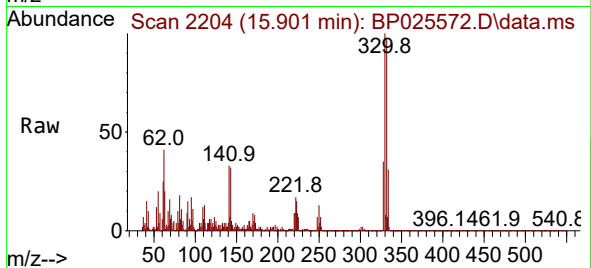




#42
2,4,6-Tribromophenol
Concen: 69.922 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

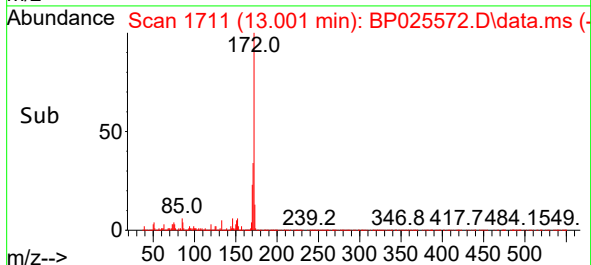
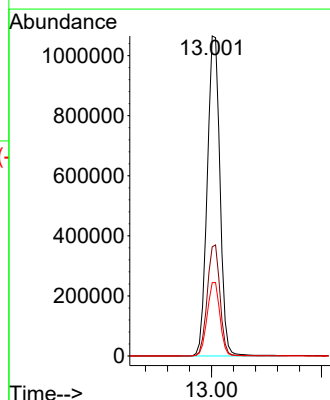
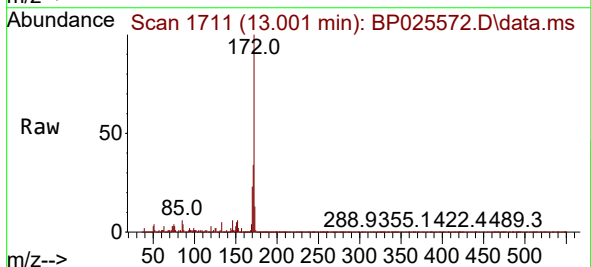
Instrument :
BNA_P
ClientSampleId :
ARS20-0009

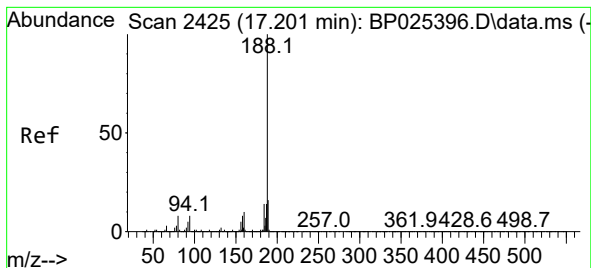
Tgt Ion:330 Resp: 484767
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 34.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 45.462 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

Tgt Ion:172 Resp: 1713394
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.183 min Scan# 24

Delta R.T. -0.018 min

Lab File: BP025572.D

Acq: 25 Aug 2025 19:52

Instrument :

BNA_P

ClientSampleId :

ARS20-0009

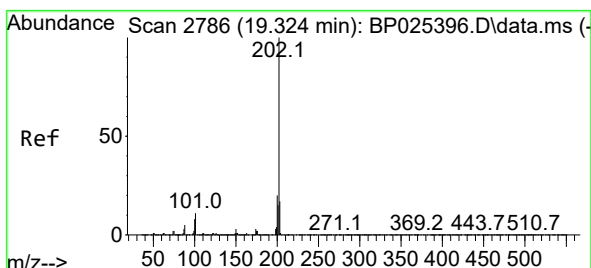
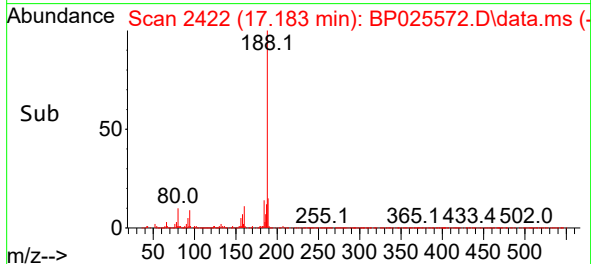
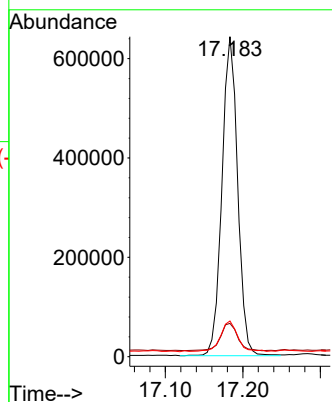
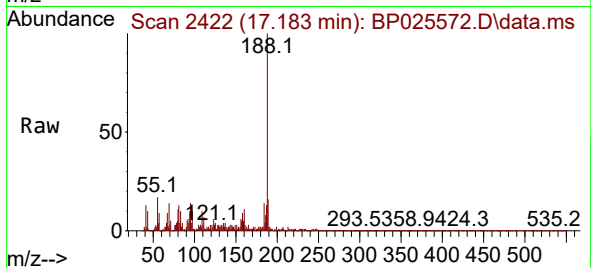
Tgt Ion:188 Resp: 906963

Ion Ratio Lower Upper

188 100

94 10.4 6.6 10.0#

80 11.1 6.7 10.1#



#75

Fluoranthene

Concen: 2.507 ng

RT: 19.301 min Scan# 2782

Delta R.T. -0.023 min

Lab File: BP025572.D

Acq: 25 Aug 2025 19:52

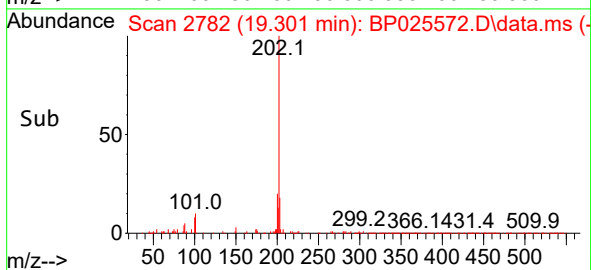
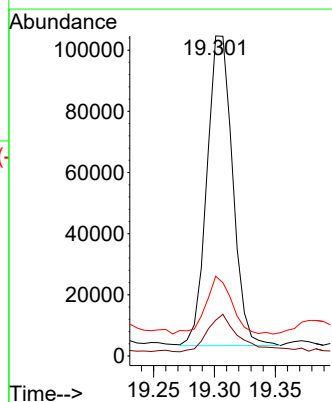
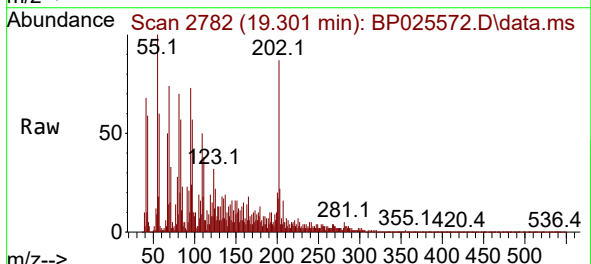
Tgt Ion:202 Resp: 148969

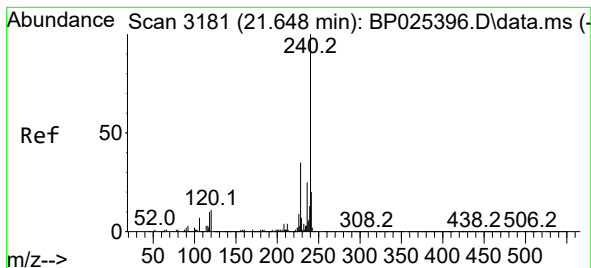
Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.1

203 24.9 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.619 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025572.D

Acq: 25 Aug 2025 19:52

Instrument :

BNA_P

ClientSampleId :

ARS20-0009

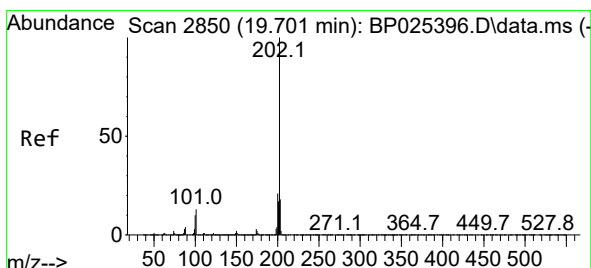
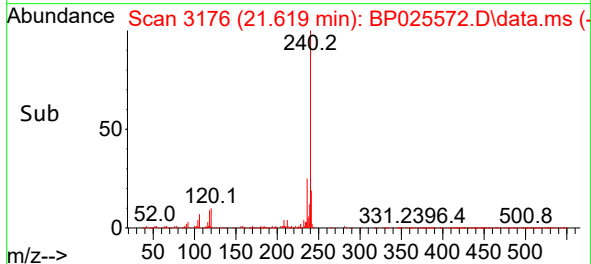
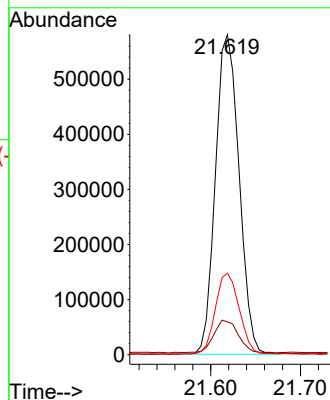
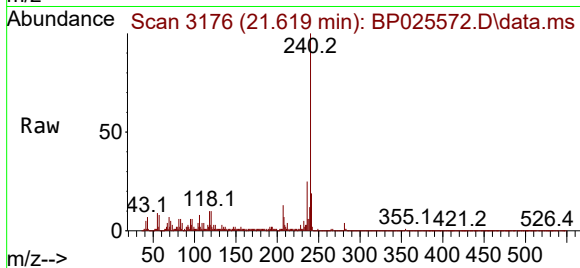
Tgt Ion:240 Resp: 1060375

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.4 19.8 29.8



#78

Pyrene

Concen: 2.121 ng

RT: 19.683 min Scan# 2847

Delta R.T. -0.018 min

Lab File: BP025572.D

Acq: 25 Aug 2025 19:52

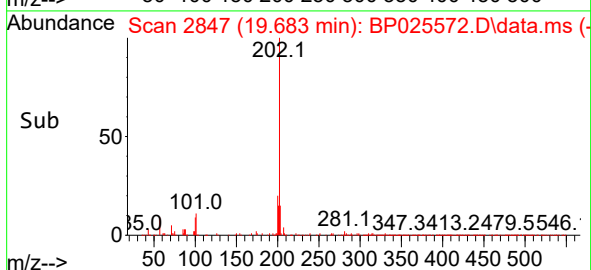
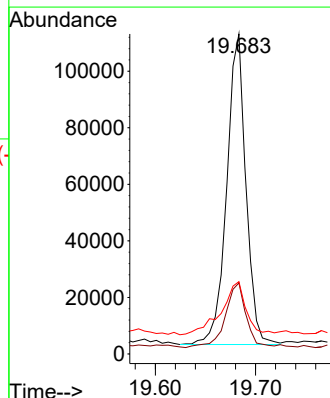
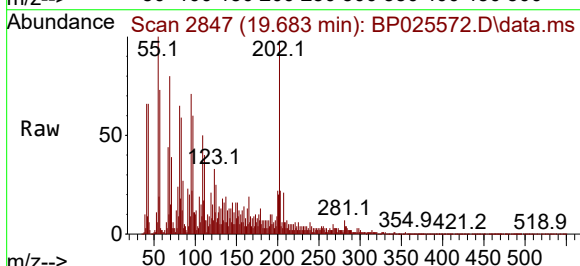
Tgt Ion:202 Resp: 146190

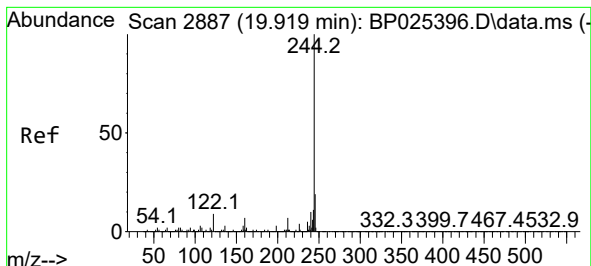
Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

203 22.6 14.2 21.2#





#79

Terphenyl-d14

Concen: 41.911 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025572.D

Acq: 25 Aug 2025 19:52

Instrument :

BNA_P

ClientSampleId :

ARS20-0009

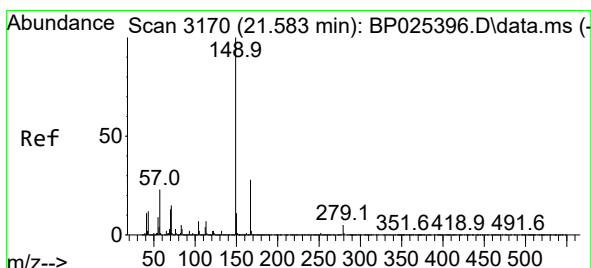
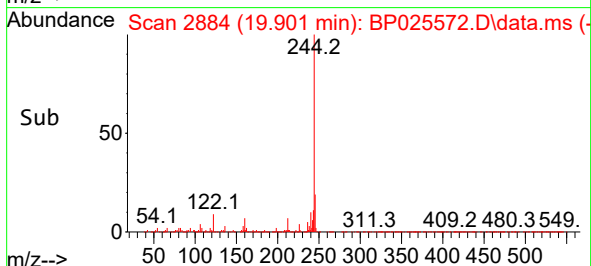
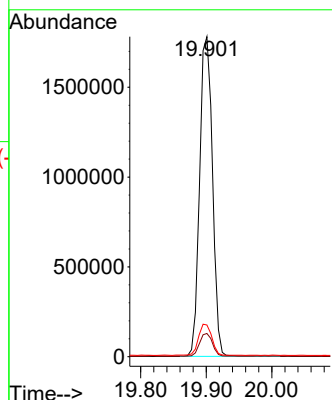
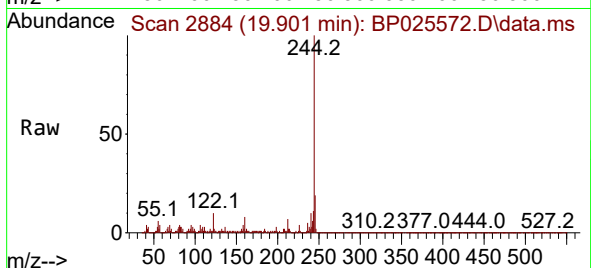
Tgt Ion:244 Resp: 2429038

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.9 7.4 11.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.230 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.041 min

Lab File: BP025572.D

Acq: 25 Aug 2025 19:52

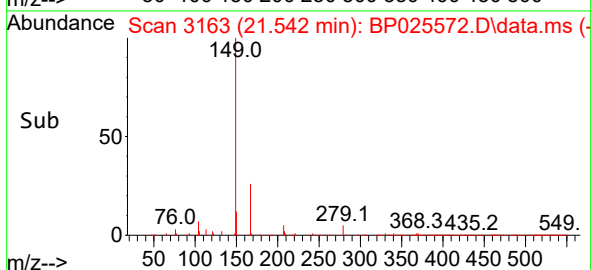
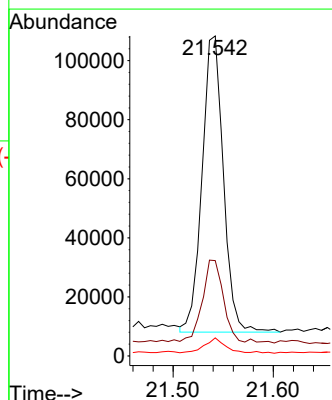
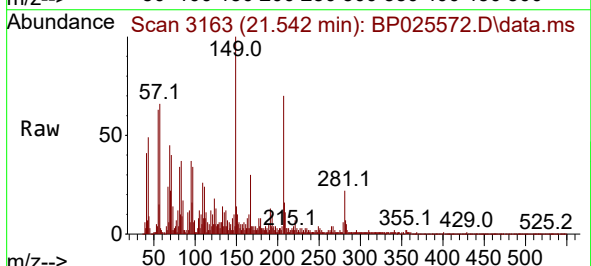
Tgt Ion:149 Resp: 148516

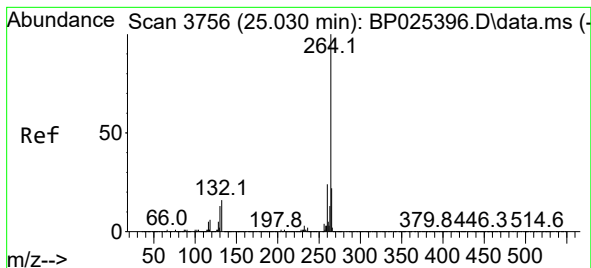
Ion Ratio Lower Upper

149 100

167 29.8 22.1 33.1

279 5.7 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP025572.D

Acq: 25 Aug 2025 19:52

Instrument :

BNA_P

ClientSampleId :

ARS20-0009

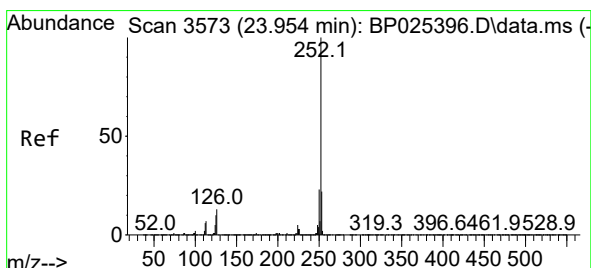
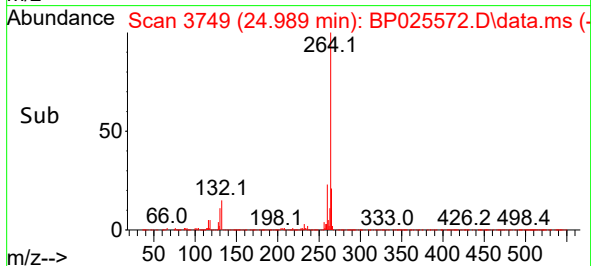
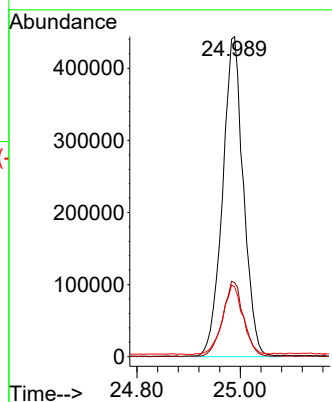
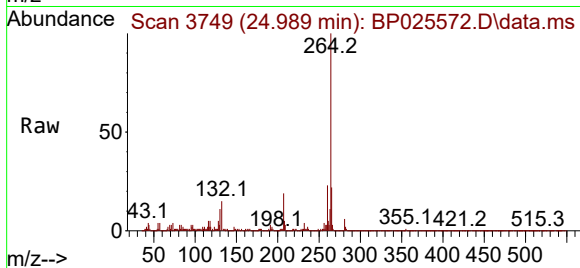
Tgt Ion:264 Resp: 1244243

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.8 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 2.690 ng

RT: 23.907 min Scan# 3565

Delta R.T. -0.047 min

Lab File: BP025572.D

Acq: 25 Aug 2025 19:52

Tgt Ion:252 Resp: 197383

Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

125 21.9 7.9 11.9#

