

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)

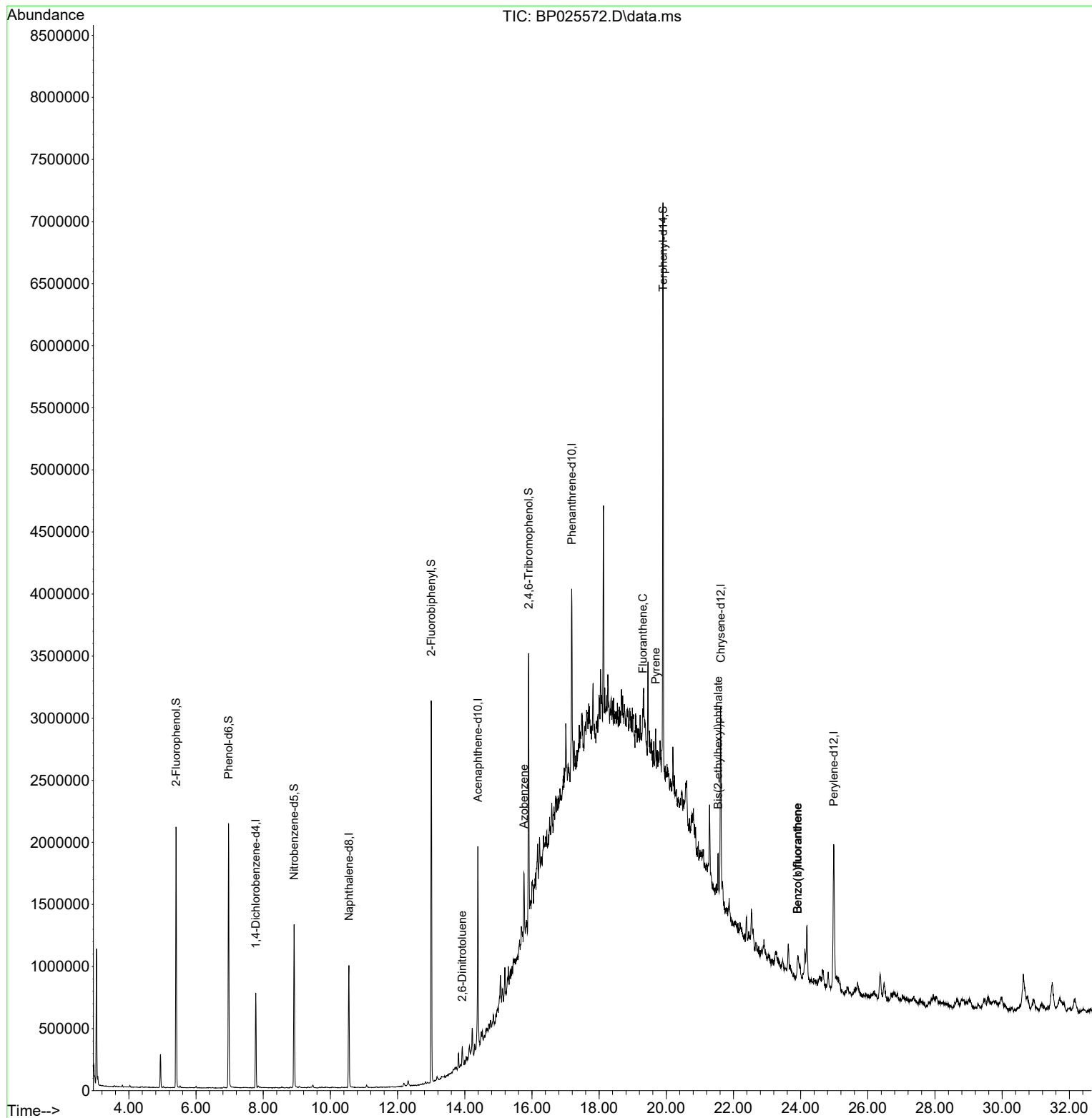
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	218929	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	851886	20.000	ng	-0.01
39) Acenaphthene-d10	14.390	164	515079	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	906963	20.000	ng	#-0.02
76) Chrysene-d12	21.619	240	1060375	20.000	ng	-0.03
86) 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
51) 2,6-Dinitrotoluene	13.925	165	20106	2.529	ng	# 31
63) Azobenzene	15.760	77	140320	4.276	ng	# 1
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
89) Benzo(k)fluoranthene	23.907	252	197383	2.688	ng	# 85

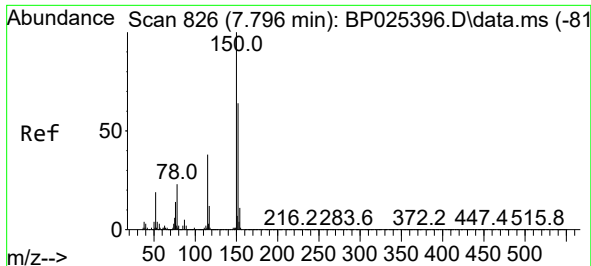
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

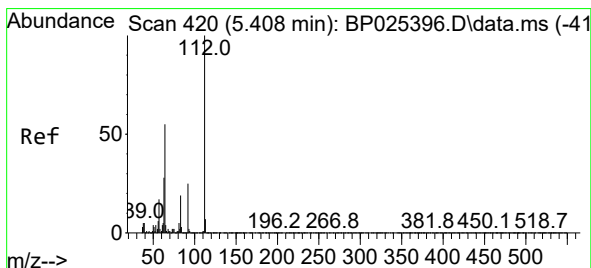
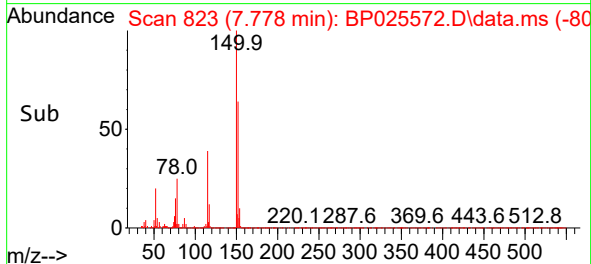
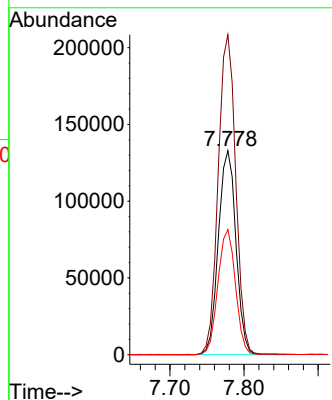
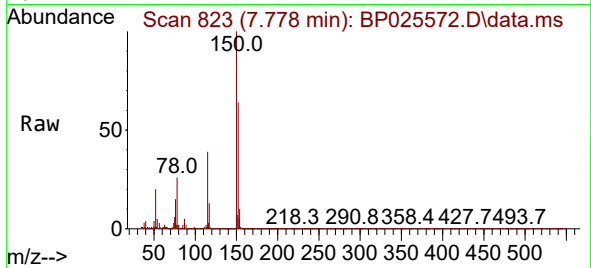




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

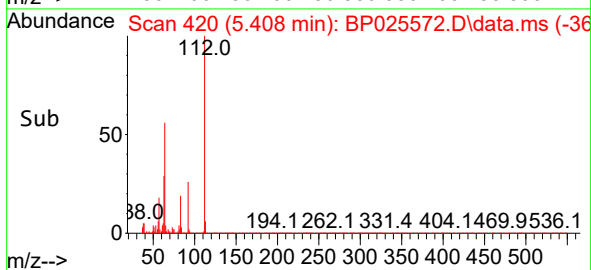
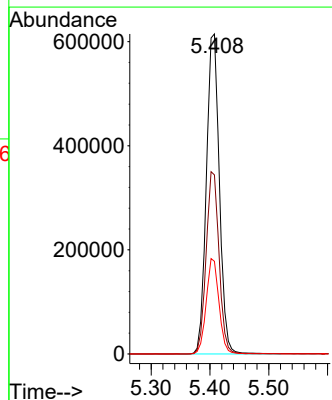
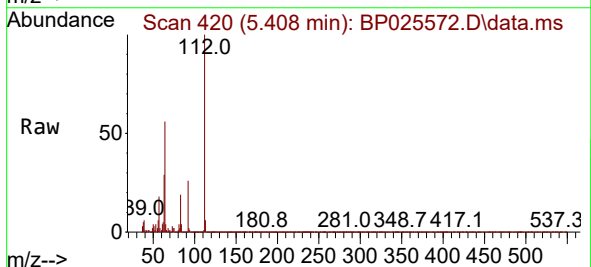
Instrument :
BNA_P
ClientSampleId :
ARS20-0009

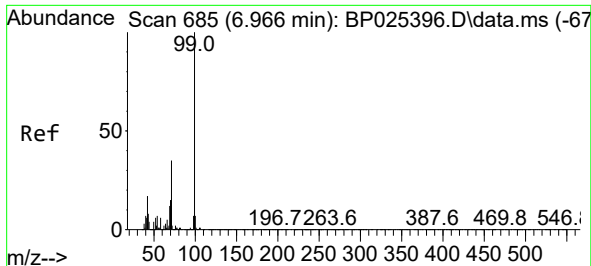
Tgt Ion:152 Resp: 218929
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 61.3 48.5 72.7



#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

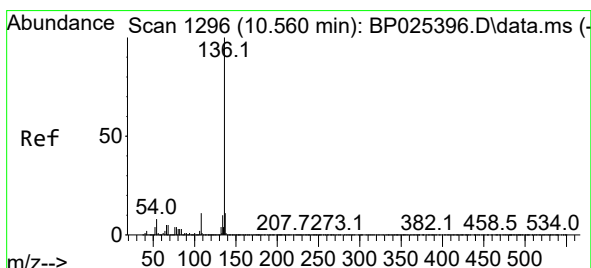
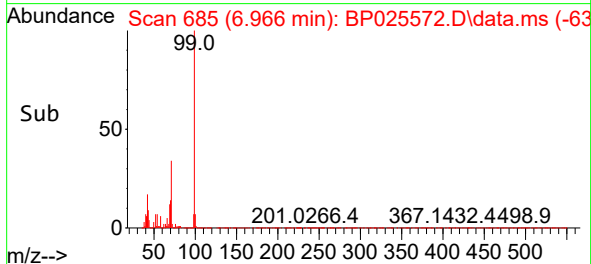
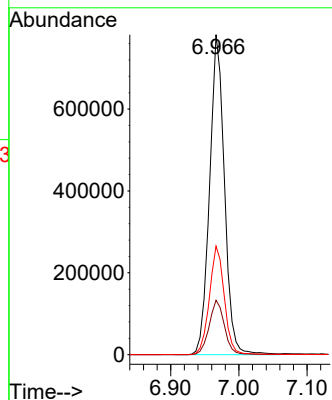
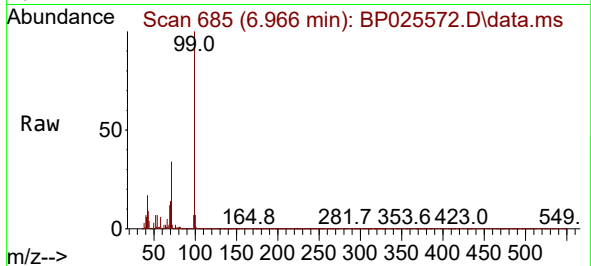




#7
Phenol-d6
Concen: 70.308 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

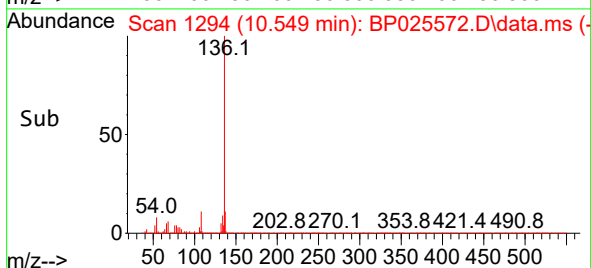
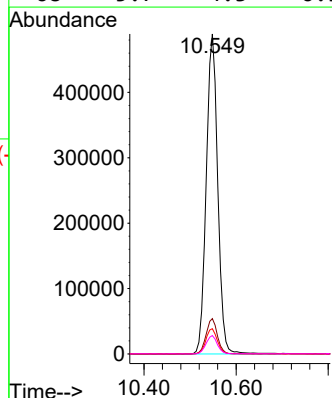
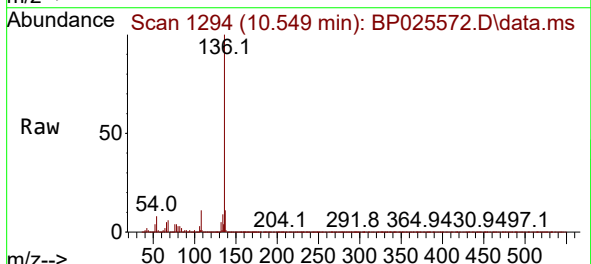
Instrument :
BNA_P
ClientSampleId :
ARS20-0009

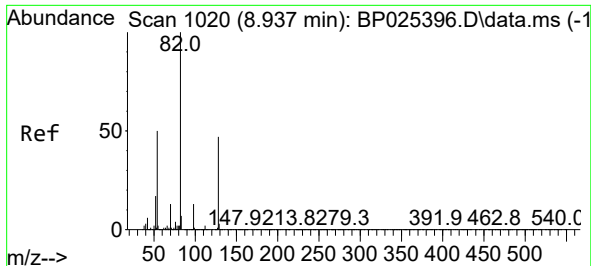
Tgt Ion: 99 Resp: 1188328
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 33.9 28.2 42.4



#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

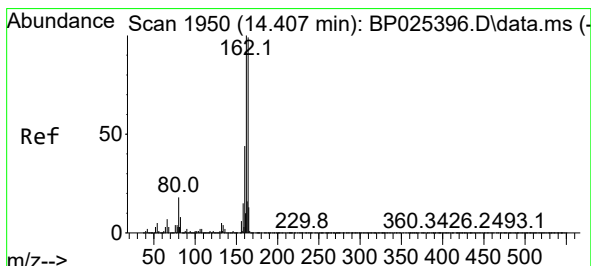
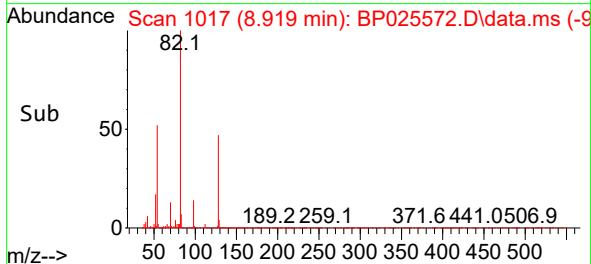
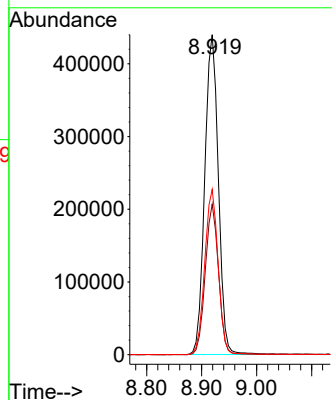
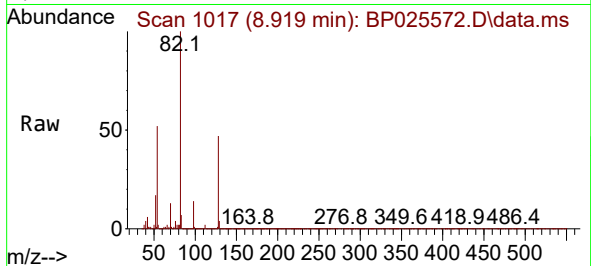




#23
Nitrobenzene-d5
Concen: 44.987 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

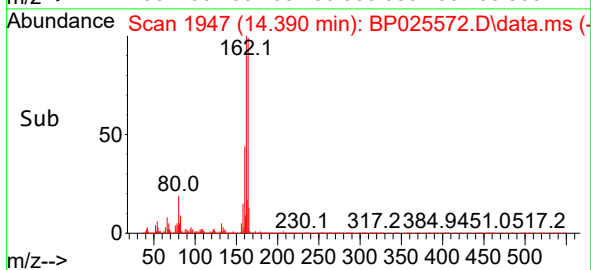
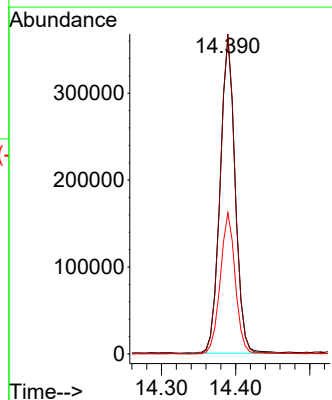
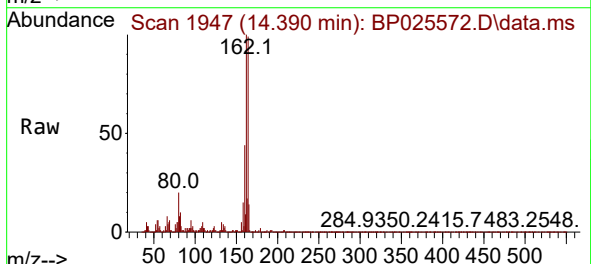
Instrument :
BNA_P
ClientSampleId :
ARS20-0009

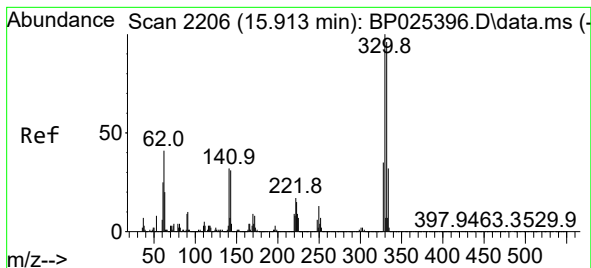
Tgt Ion: 82 Resp: 757598
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 51.7 39.8 59.6



#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

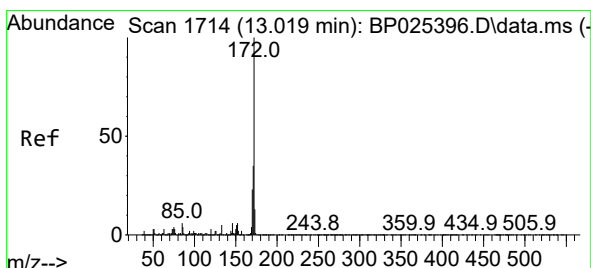
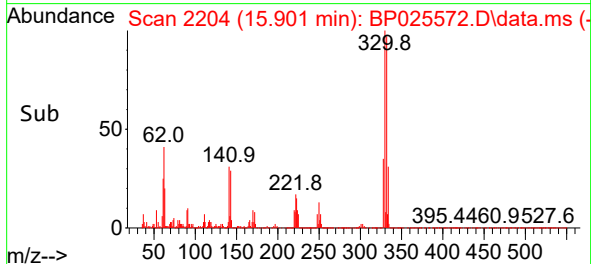
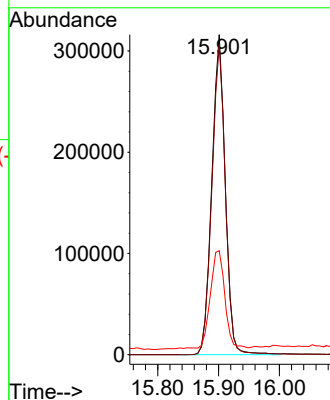
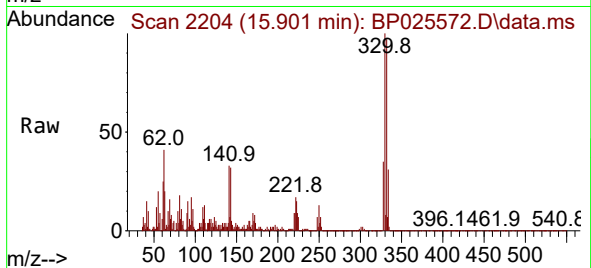
Tgt Ion:330 Resp: 484767

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

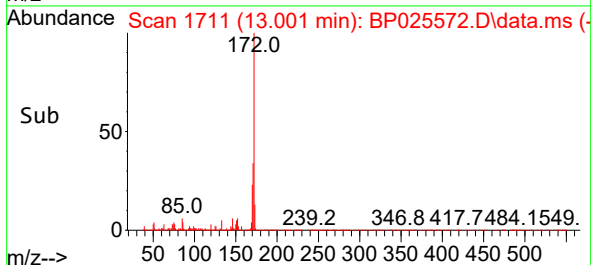
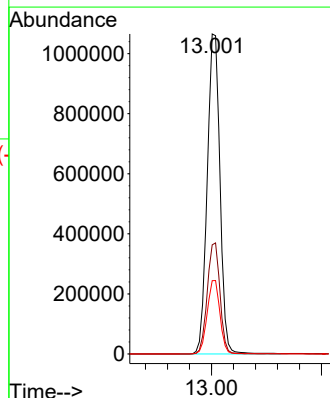
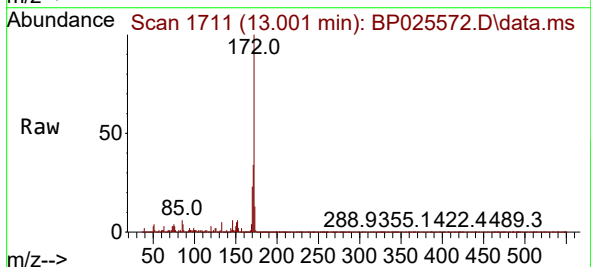
Tgt Ion:172 Resp: 1713394

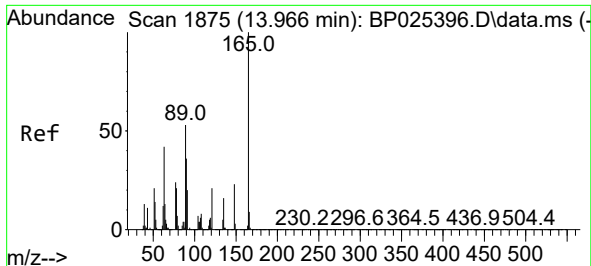
Ion Ratio Lower Upper

172 100

171 34.1 28.1 42.1

170 22.9 18.6 28.0

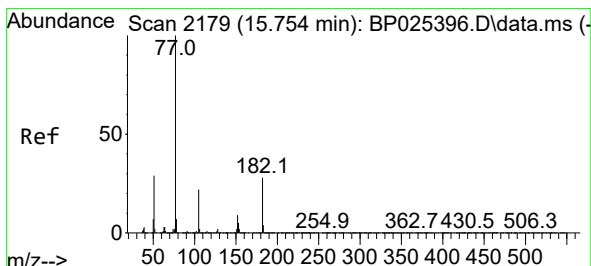
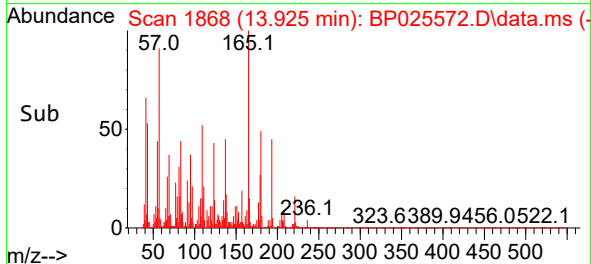
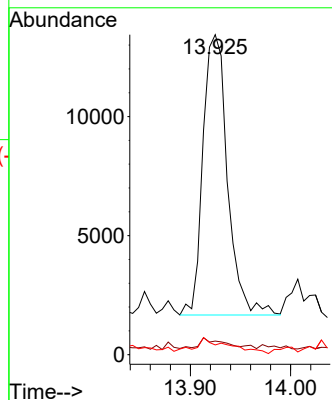
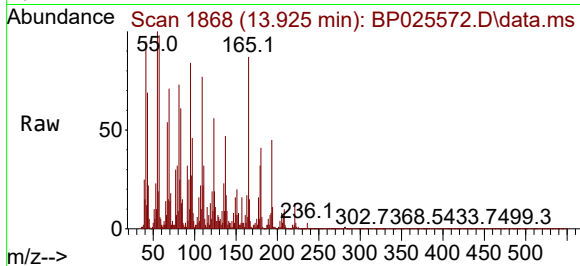




#51
2,6-Dinitrotoluene
Concen: 2.529 ng
RT: 13.925 min Scan# 11
Delta R.T. -0.041 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

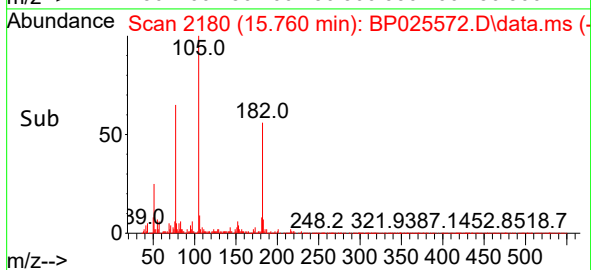
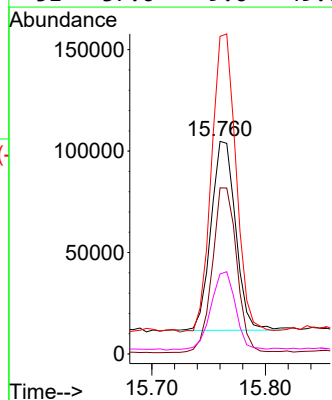
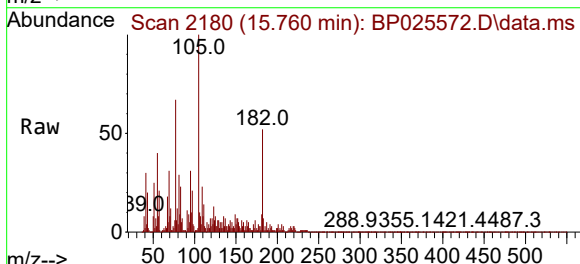
Instrument :
BNA_P
ClientSampleId :
ARS20-0009

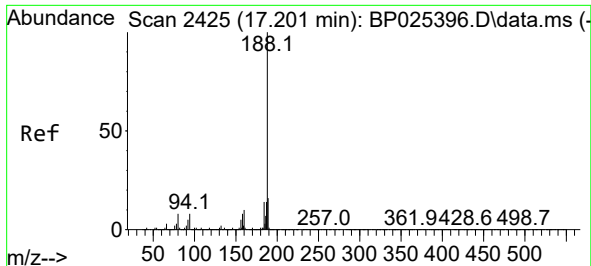
Tgt Ion:165 Resp: 20106
Ion Ratio Lower Upper
165 100
63 4.3 40.9 61.3#
89 3.0 42.1 63.1#



#63
Azobenzene
Concen: 4.276 ng
RT: 15.760 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

Tgt Ion: 77 Resp: 140320
Ion Ratio Lower Upper
77 100
182 78.1 7.5 47.5#
105 149.3 2.1 42.1#
51 37.6 9.6 49.6

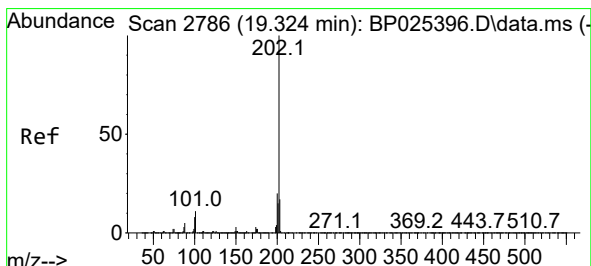
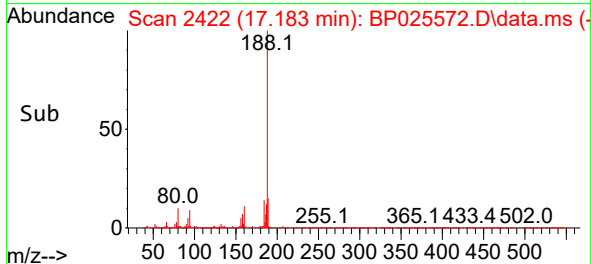
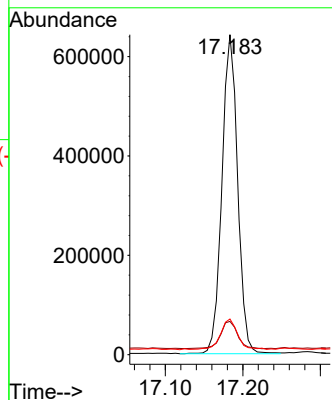
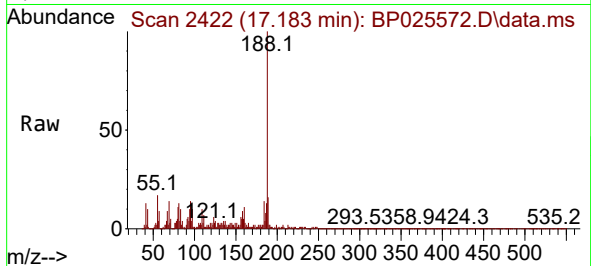




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP025572.D
Acq: 25 Aug 2025 19:52

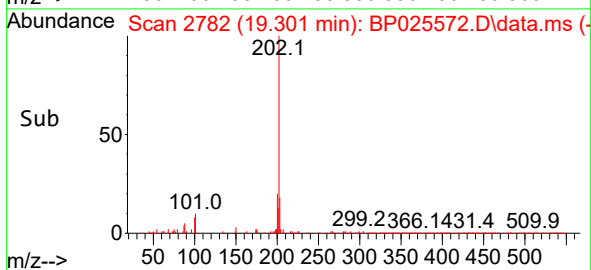
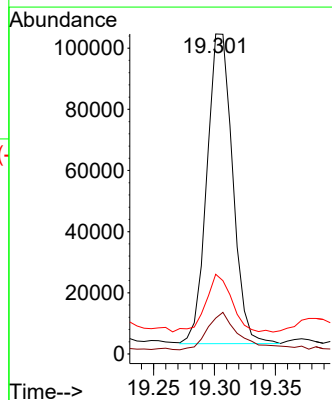
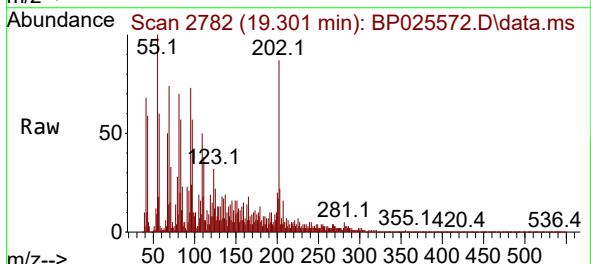
Instrument :
BNA_P
ClientSampleId :
ARS20-0009

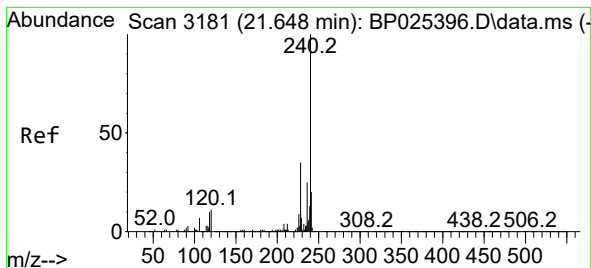
Tgt Ion:188 Resp: 906963
Ion Ratio Lower Upper
188 100
94 10.4 6.6 10.0#
80 11.1 6.7 10.1#



#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

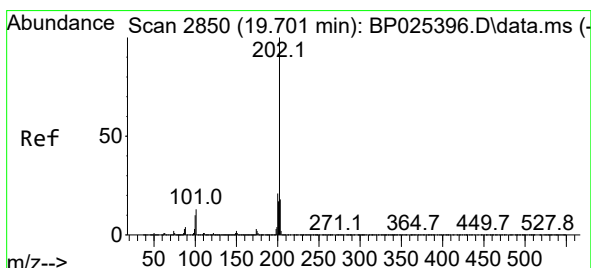
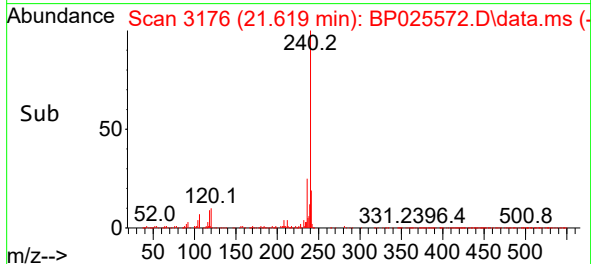
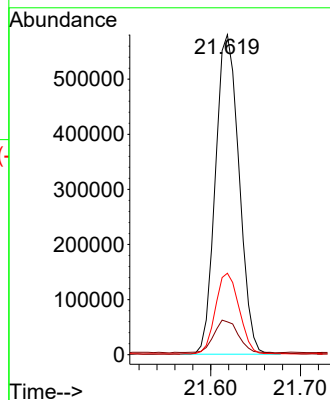
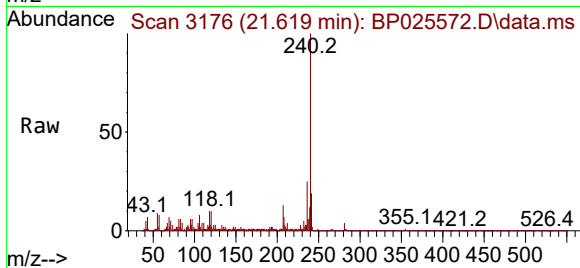
Tgt Ion:240 Resp: 1060375

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

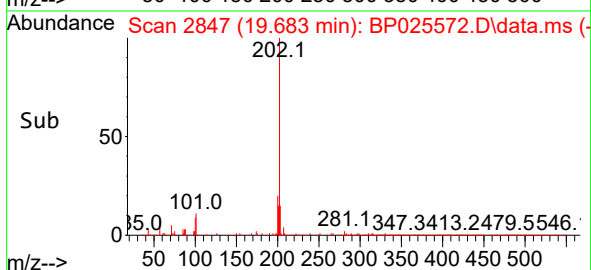
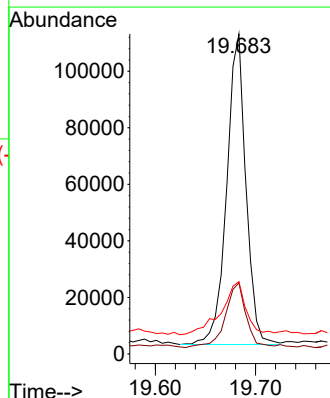
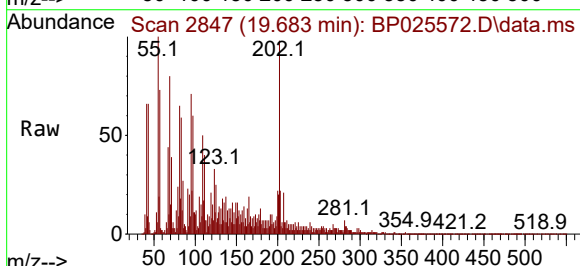
Tgt Ion:202 Resp: 146190

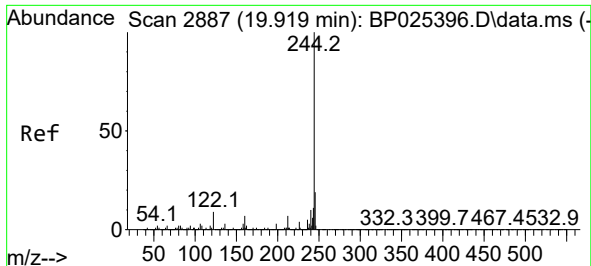
Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

203 22.6 14.2 21.2#

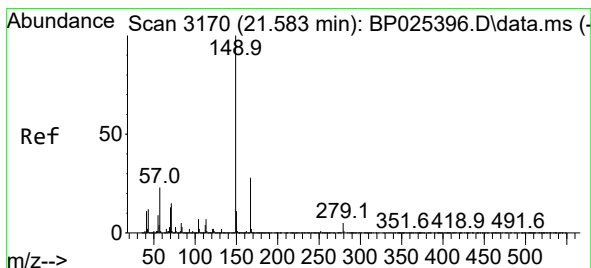
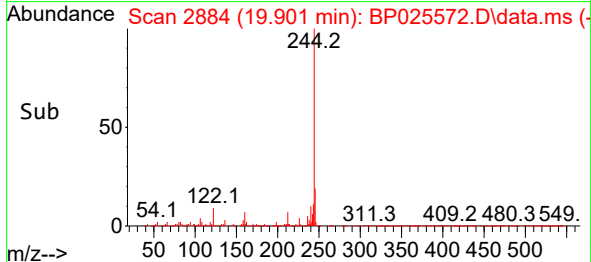
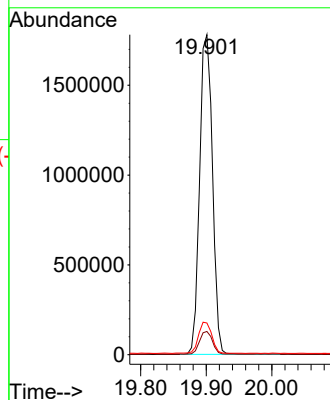
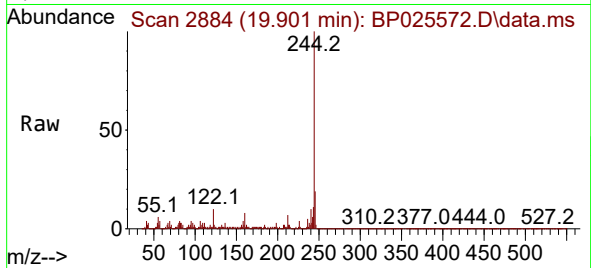




#79
 Terphenyl-d14
 Concen: 41.911 ng
 RT: 19.901 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP025572.D
 Acq: 25 Aug 2025 19:52

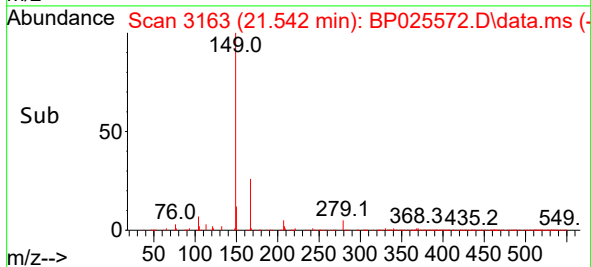
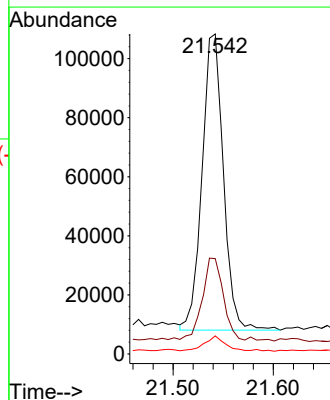
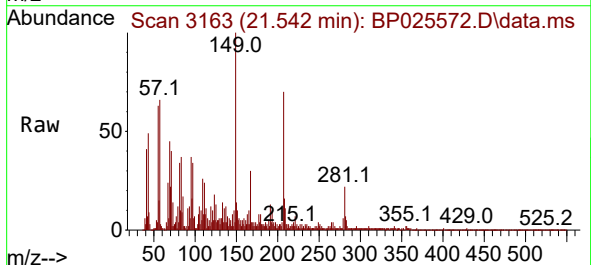
Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0009

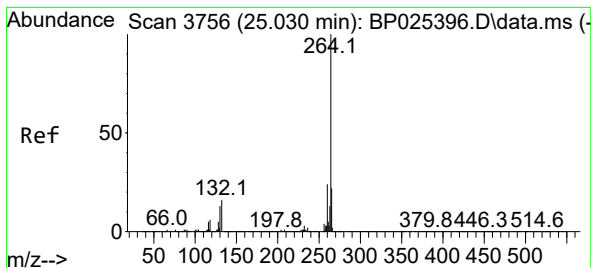
Tgt Ion:244 Resp: 2429038
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.9 7.4 11.2



#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

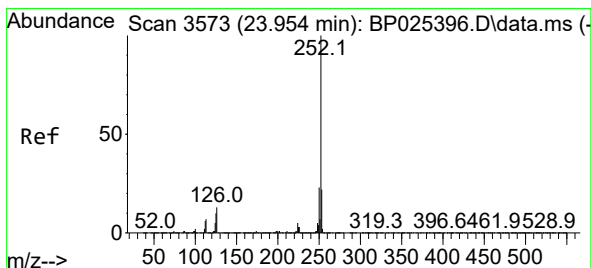
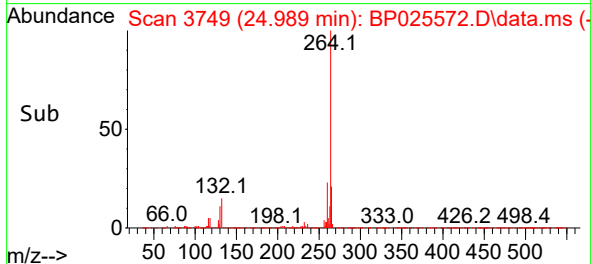
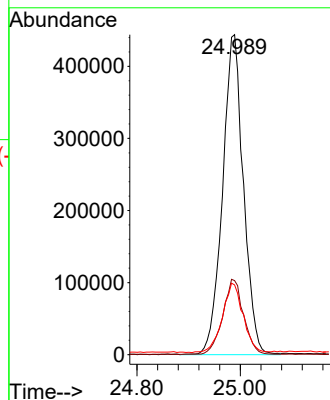
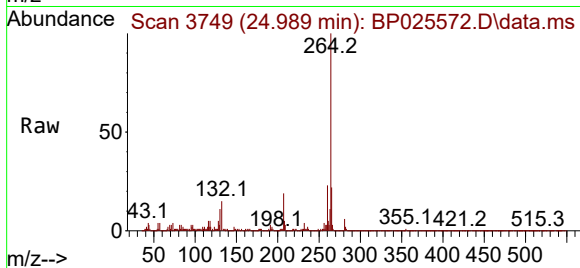
Tgt Ion:264 Resp: 1244243

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

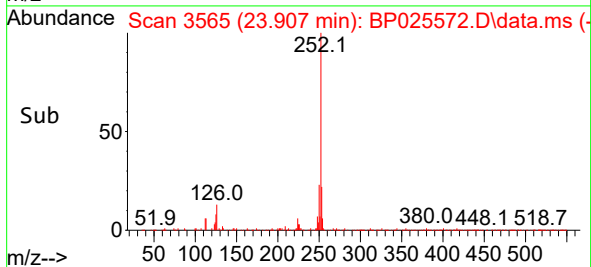
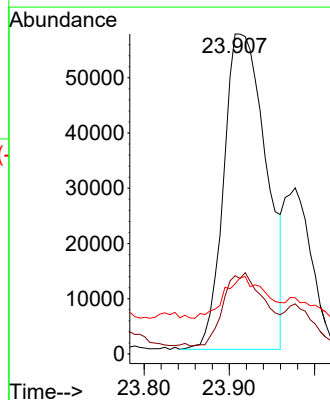
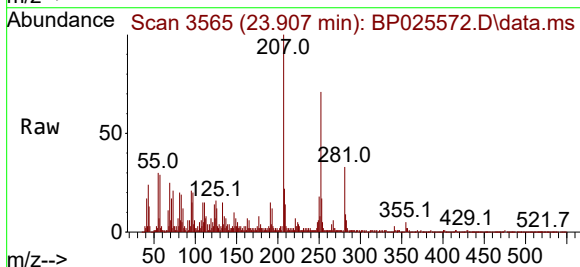
Tgt Ion:252 Resp: 197383

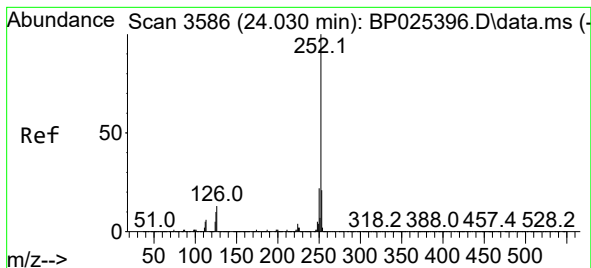
Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

125 21.9 7.9 11.9#





#89

Benzo(k)fluoranthene

Concen: 2.688 ng

RT: 23.907 min Scan# 3

Delta R.T. -0.123 min

Lab File: BP025572.D

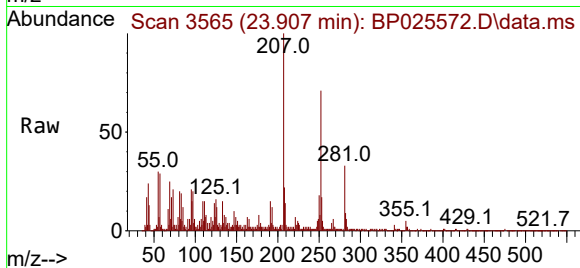
Acq: 25 Aug 2025 19:52

Instrument :

BNA_P

ClientSampleId :

ARS20-0009



Tgt Ion:252 Resp: 197383

Ion Ratio Lower Upper

252 100

253 24.5 17.1 25.7

125 21.9 7.8 11.6#

