

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025538.D
 Acq On : 21 Aug 2025 13:34
 Operator : CG/JU
 Sample : Q2897-01 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-08182025

Quant Time: Aug 21 14:51:53 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)

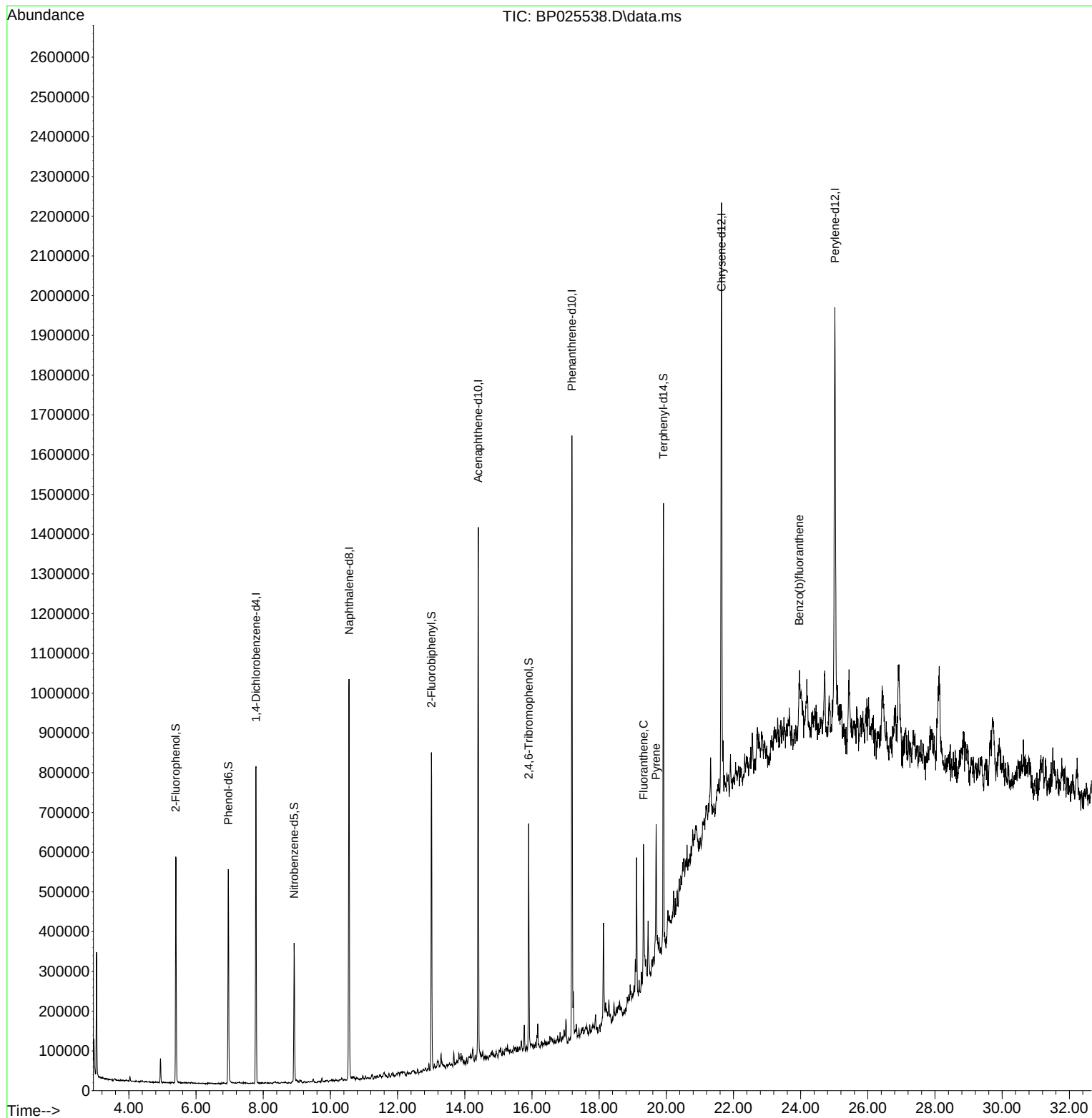
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	220958	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	829357	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	467669	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	880637	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	927569	20.000	ng	0.00
86) Perylene-d12	25.018	264	1062231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	258245	19.409	ng	-0.01
7) Phenol-d6	6.961	99	313710	18.390	ng	0.00
23) Nitrobenzene-d5	8.919	82	196096	11.961	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	105501	16.760	ng	-0.01
45) 2-Fluorobiphenyl	13.007	172	432204	12.630	ng	-0.01
79) Terphenyl-d14	19.913	244	579364	11.428	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.319	202	176286	3.055	ng	97
78) Pyrene	19.695	202	198421	3.291	ng	99
88) Benzo(b)fluoranthene	23.960	252	159374	2.544	ng	# 81

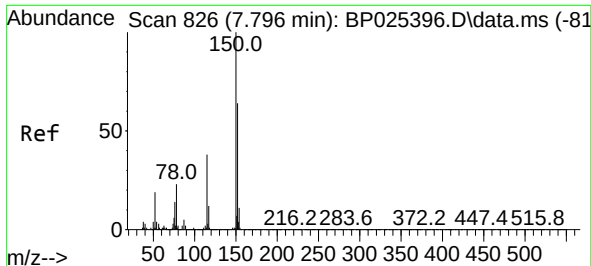
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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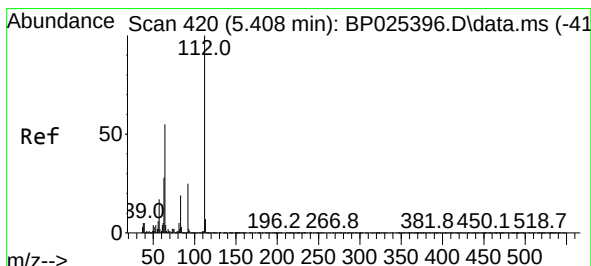
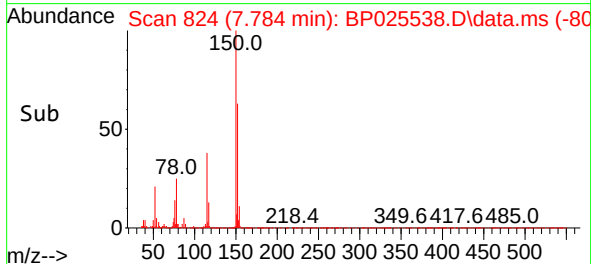
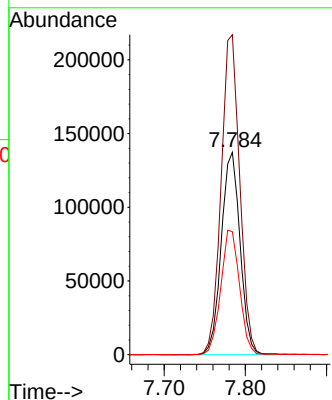
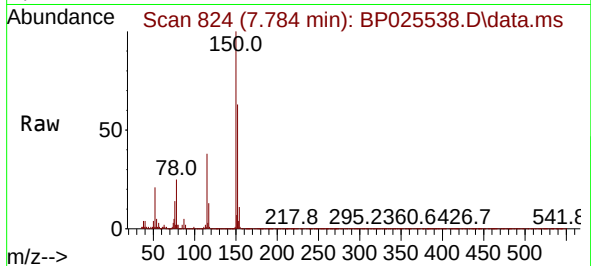




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025538.D
Acq: 21 Aug 2025 13:34

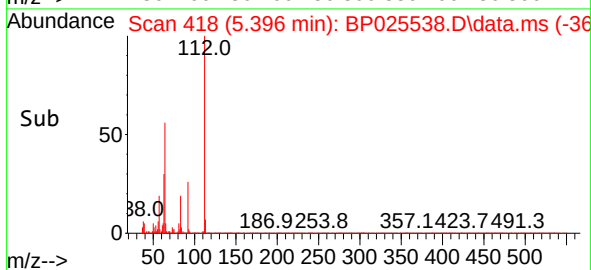
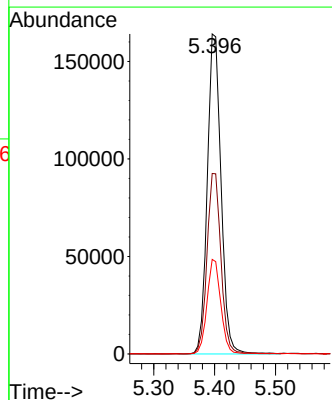
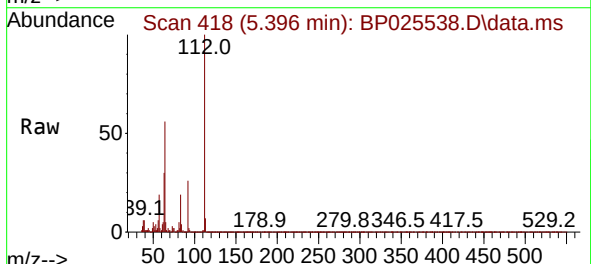
Instrument :
BNA_P
ClientSampleId :
HD-02-08182025

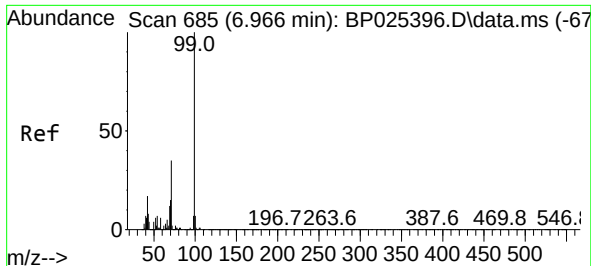
Tgt Ion:152 Resp: 220958
Ion Ratio Lower Upper
152 100
150 158.1 125.9 188.9
115 60.8 48.5 72.7



#5
2-Fluorophenol
Concen: 19.409 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025538.D
Acq: 21 Aug 2025 13:34

Tgt Ion:112 Resp: 258245
Ion Ratio Lower Upper
112 100
64 56.4 43.8 65.8
63 29.6 22.7 34.1

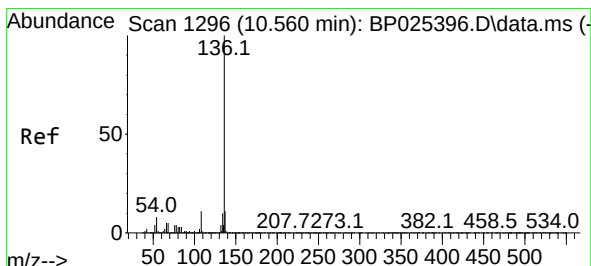
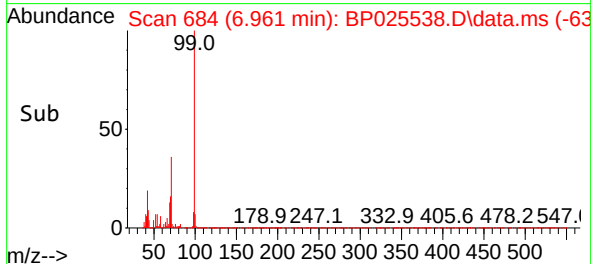
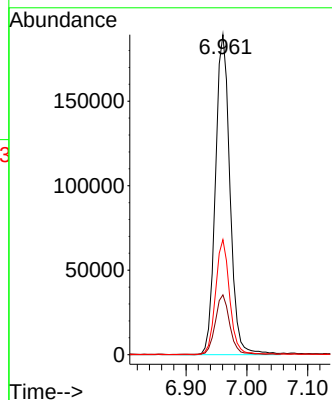
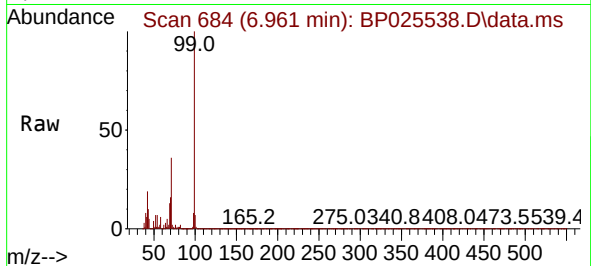




#7
Phenol-d6
Concen: 18.390 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025538.D
Acq: 21 Aug 2025 13:34

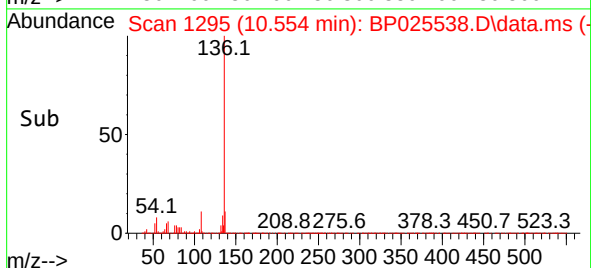
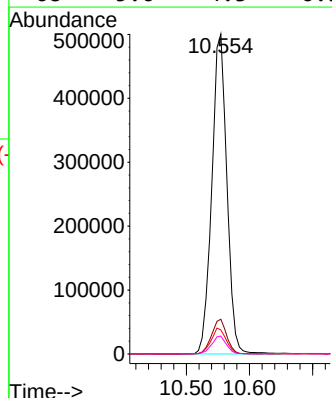
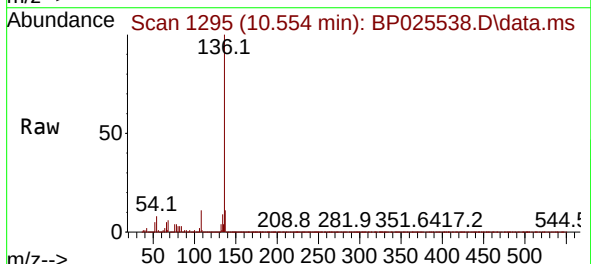
Instrument :
BNA_P
ClientSampleId :
HD-02-08182025

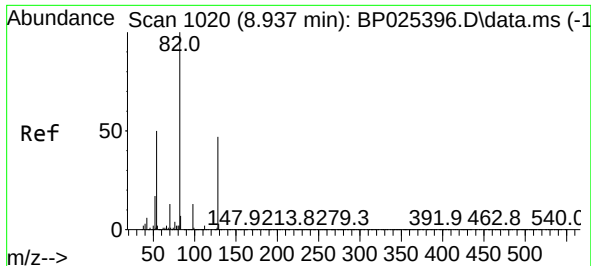
Tgt Ion: 99 Resp: 313710
Ion Ratio Lower Upper
99 100
42 18.7 13.7 20.5
71 36.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025538.D
Acq: 21 Aug 2025 13:34

Tgt Ion: 136 Resp: 829357
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.5 6.0 9.0
68 5.6 4.3 6.5

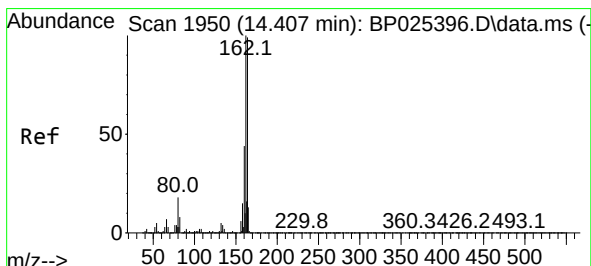
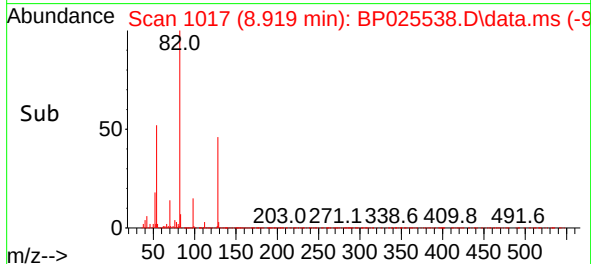
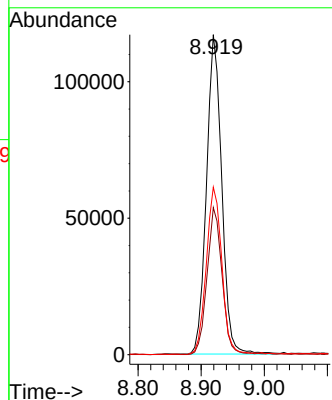
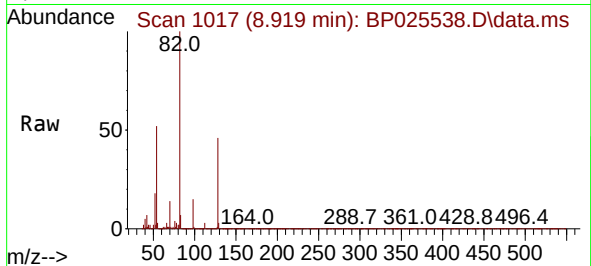




#23
Nitrobenzene-d5
Concen: 11.961 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025538.D
Acq: 21 Aug 2025 13:34

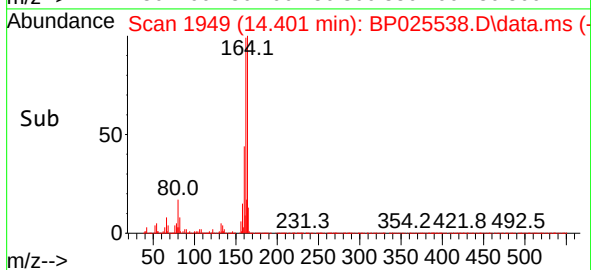
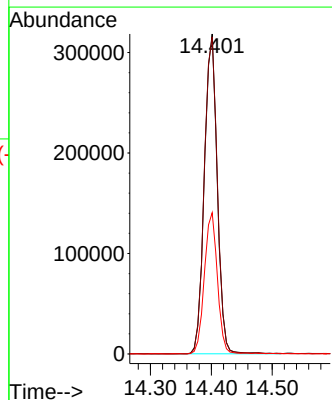
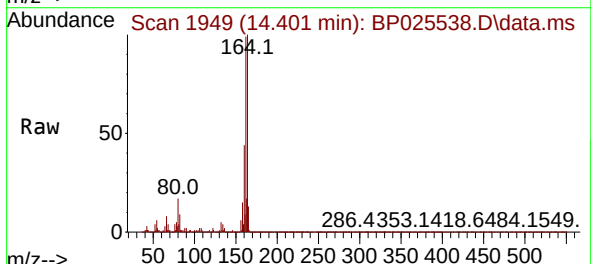
Instrument :
BNA_P
ClientSampleId :
HD-02-08182025

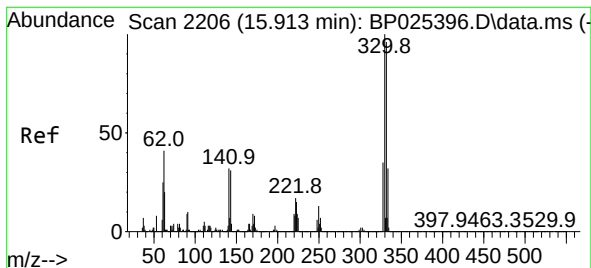
Tgt Ion: 82 Resp: 196096
Ion Ratio Lower Upper
82 100
128 46.0 37.7 56.5
54 52.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025538.D
Acq: 21 Aug 2025 13:34

Tgt Ion:164 Resp: 467669
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.6
160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 16.760 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025538.D

Acq: 21 Aug 2025 13:34

Instrument :

BNA_P

ClientSampleId :

HD-02-08182025

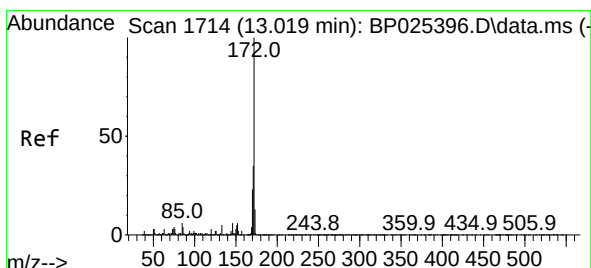
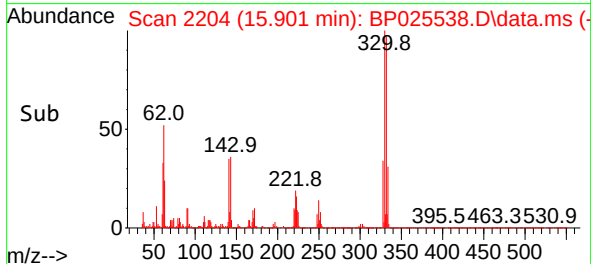
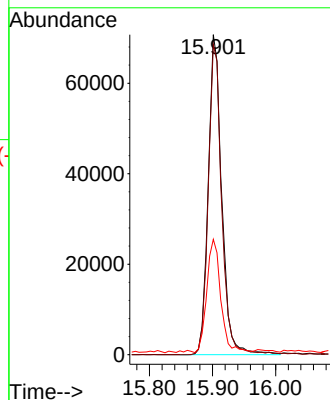
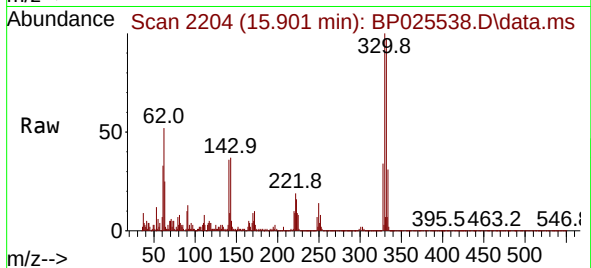
Tgt Ion:330 Resp: 105501

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 36.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 12.630 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025538.D

Acq: 21 Aug 2025 13:34

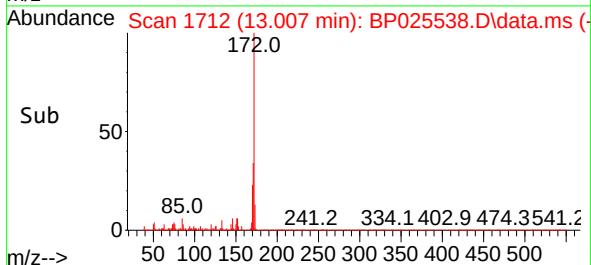
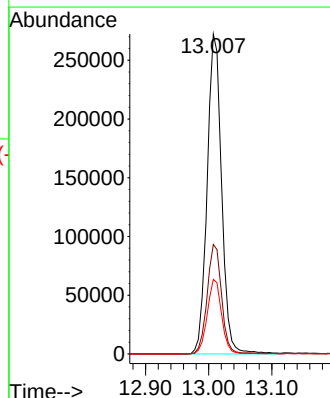
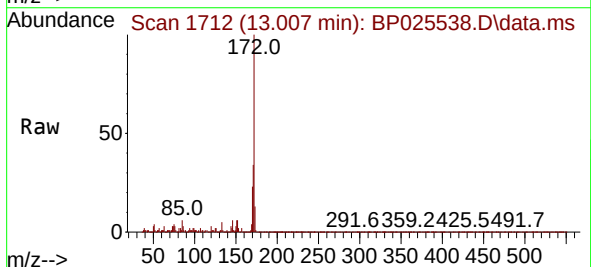
Tgt Ion:172 Resp: 432204

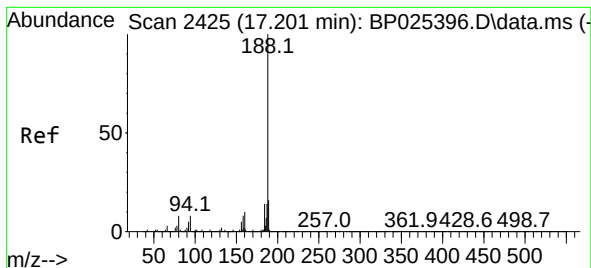
Ion Ratio Lower Upper

172 100

171 34.2 28.1 42.1

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025538.D

Acq: 21 Aug 2025 13:34

Instrument :

BNA_P

ClientSampleId :

HD-02-08182025

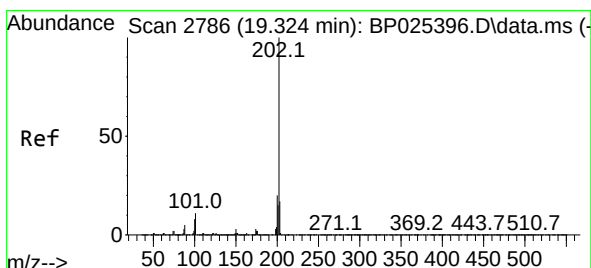
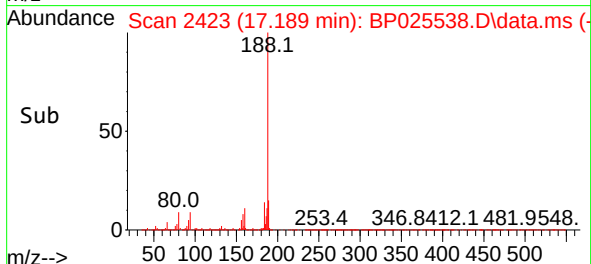
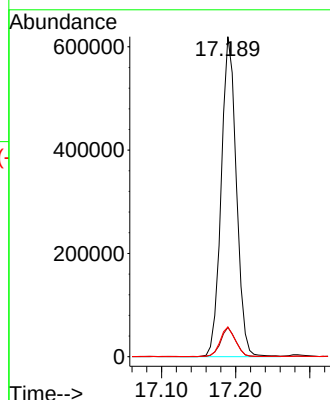
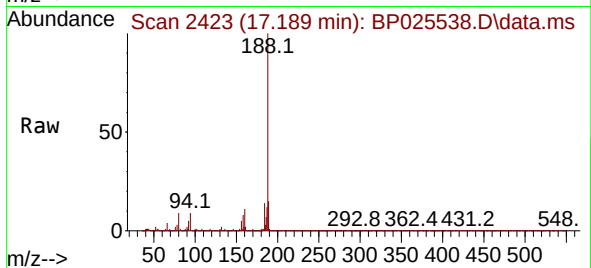
Tgt Ion:188 Resp: 880637

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.3 6.7 10.1



#75

Fluoranthene

Concen: 3.055 ng

RT: 19.319 min Scan# 2785

Delta R.T. -0.006 min

Lab File: BP025538.D

Acq: 21 Aug 2025 13:34

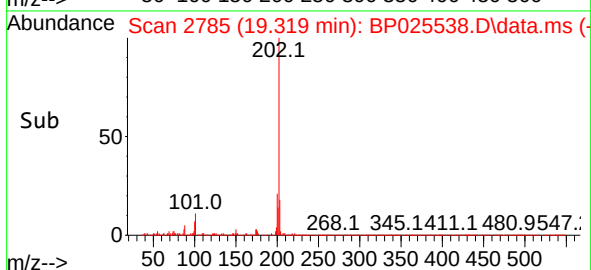
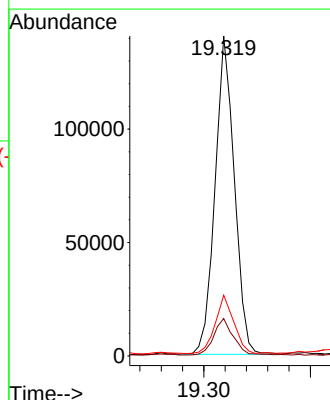
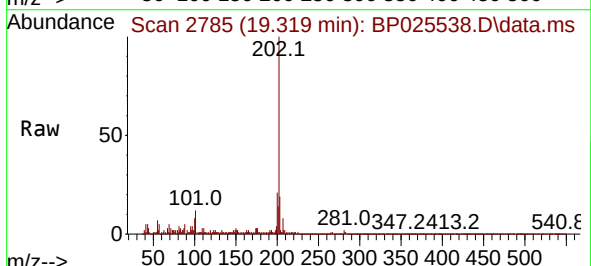
Tgt Ion:202 Resp: 176286

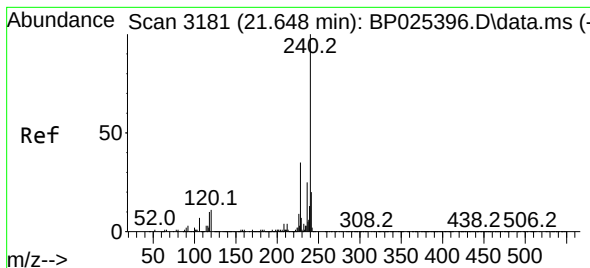
Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.1

203 19.0 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025538.D

Acq: 21 Aug 2025 13:34

Instrument :

BNA_P

ClientSampleId :

HD-02-08182025

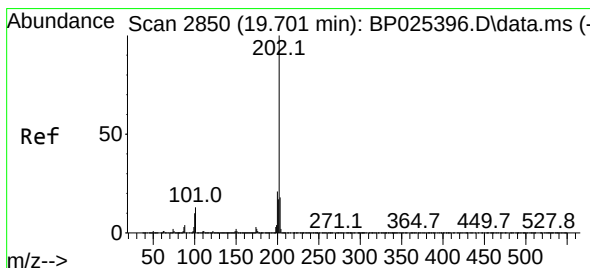
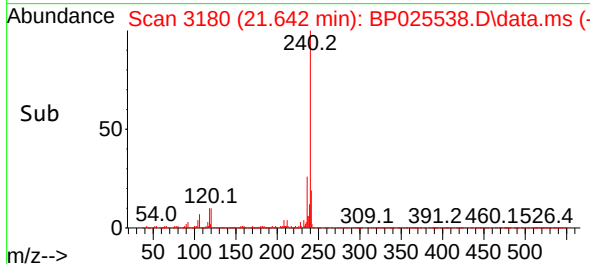
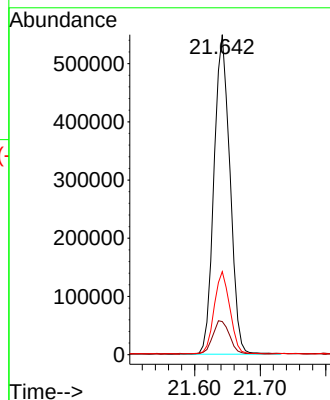
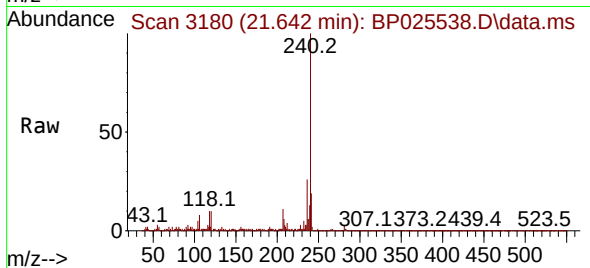
Tgt Ion:240 Resp: 927569

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 26.0 19.8 29.8



#78

Pyrene

Concen: 3.291 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025538.D

Acq: 21 Aug 2025 13:34

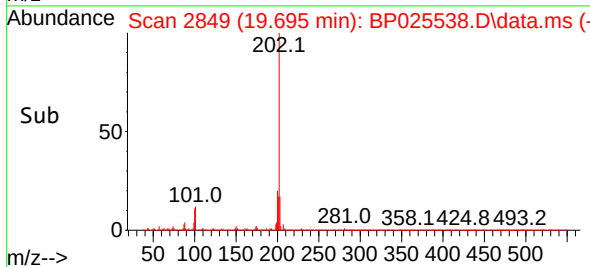
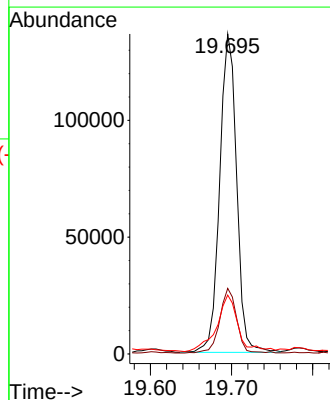
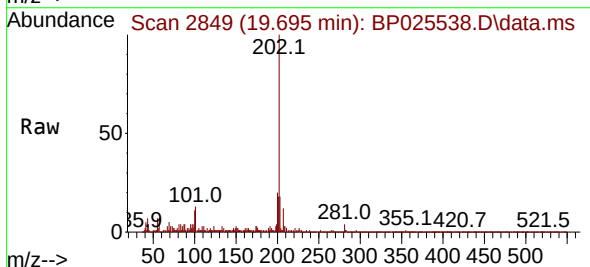
Tgt Ion:202 Resp: 198421

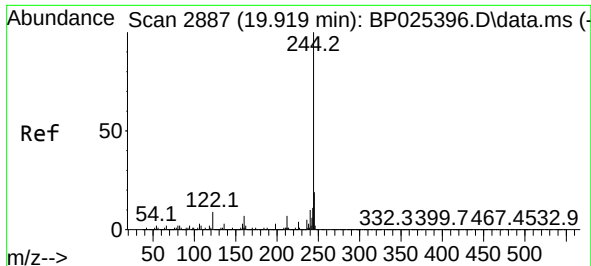
Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 18.4 14.2 21.2

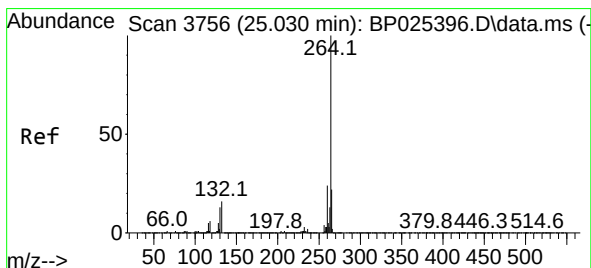
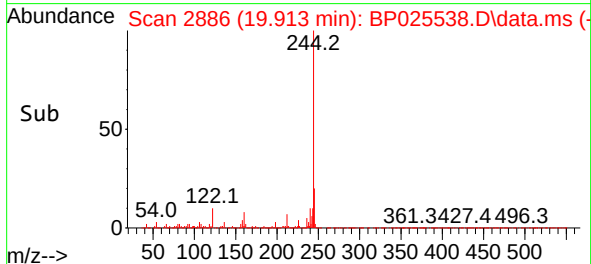
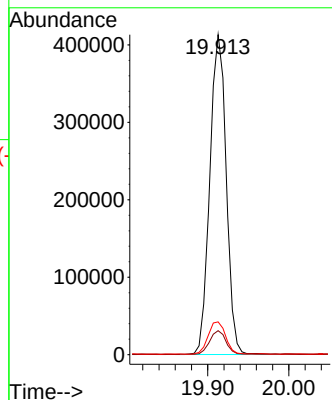
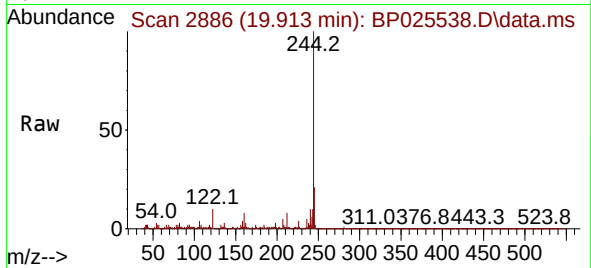




#79
 Terphenyl-d14
 Concen: 11.428 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025538.D
 Acq: 21 Aug 2025 13:34

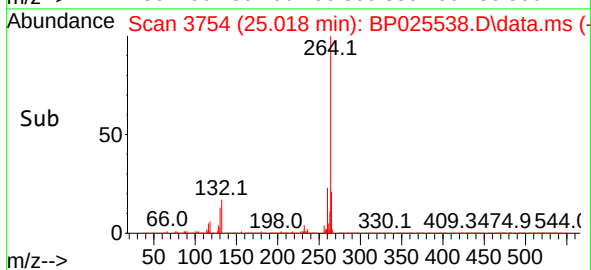
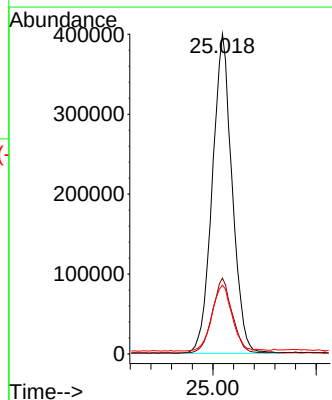
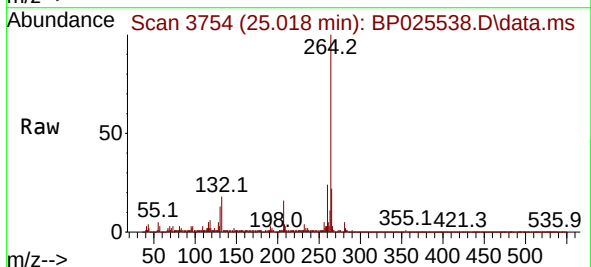
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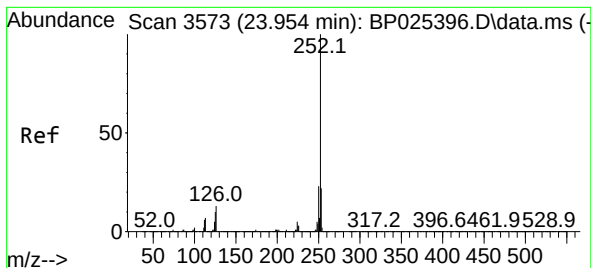
Tgt Ion:244 Resp: 579364
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 10.3 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.018 min Scan# 3754
 Delta R.T. -0.012 min
 Lab File: BP025538.D
 Acq: 21 Aug 2025 13:34

Tgt Ion:264 Resp: 1062231
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.5 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.544 ng

RT: 23.960 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025538.D

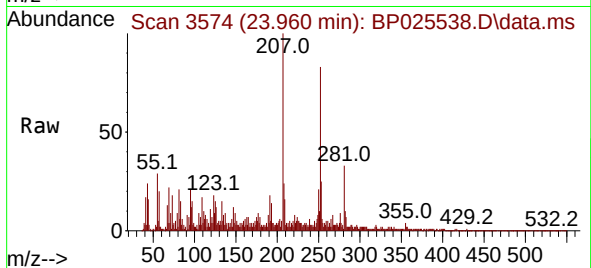
Acq: 21 Aug 2025 13:34

Instrument :

BNA_P

ClientSampleId :

HD-02-08182025



Tgt Ion:252 Resp: 159374

Ion Ratio Lower Upper

252 100

253 30.1 17.7 26.5#

125 18.5 7.9 11.9#

