

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025586.D
 Acq On : 26 Aug 2025 15:14
 Operator : CG/JU
 Sample : Q2924-05DL2 40X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2B-082025DL2

Quant Time: Aug 26 15:56:16 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)

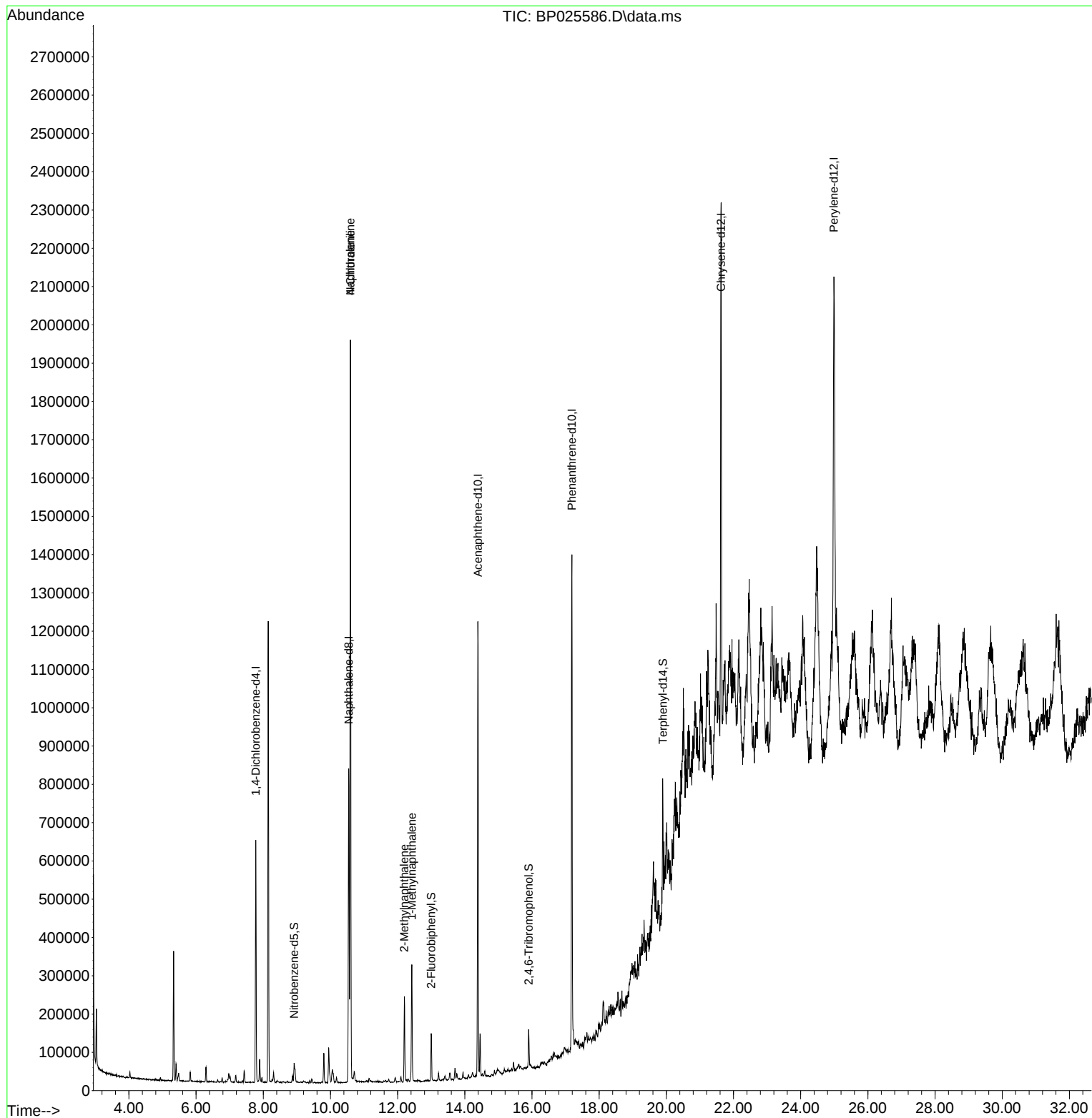
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	173400	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	700981	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	444336	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	857309	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	880360	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1060519	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	20820	1.994	ng	0.00
7) Phenol-d6	6.972	99	16055	1.199	ng	0.00
23) Nitrobenzene-d5	8.919	82	27867	2.011	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	20755	3.470	ng	-0.01
45) 2-Fluorobiphenyl	13.001	172	74136	2.280	ng	-0.02
79) Terphenyl-d14	19.895	244	121231	2.519	ng	-0.02
Target Compounds						
31) Naphthalene	10.595	128	1608193	44.140	ng	Qvalue 99
33) 4-Chloroaniline	10.595	127	208755	12.971	ng	# 33
37) 2-Methylnaphthalene	12.201	142	101572	4.284	ng	99
38) 1-Methylnaphthalene	12.425	142	155560	6.169	ng	99

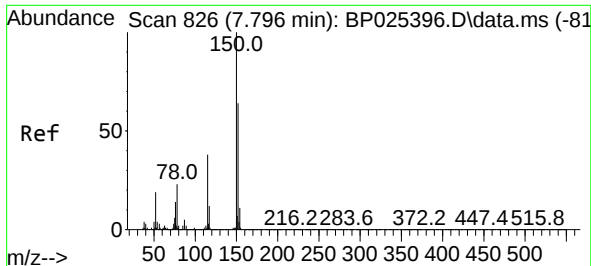
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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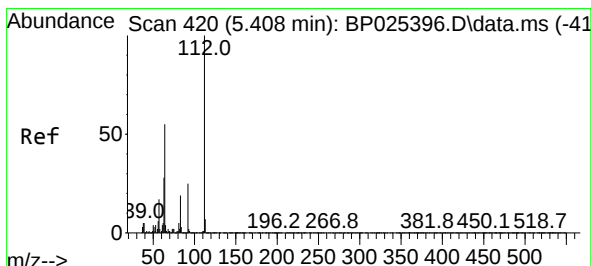
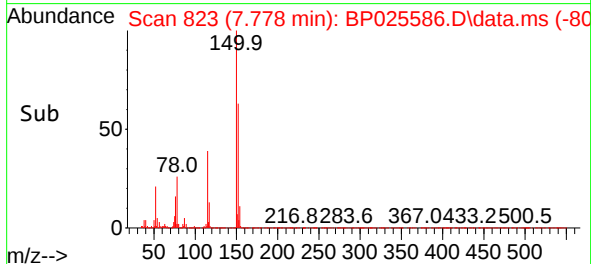
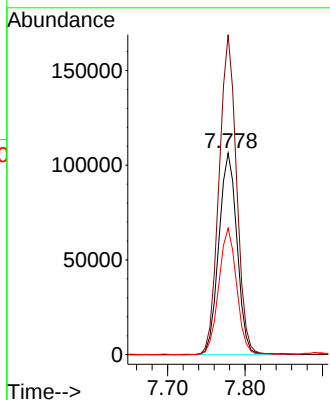
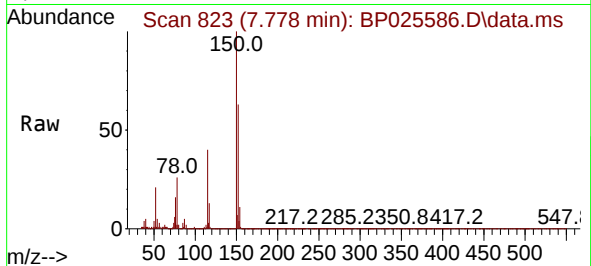




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025586.D
 Acq: 26 Aug 2025 15:14

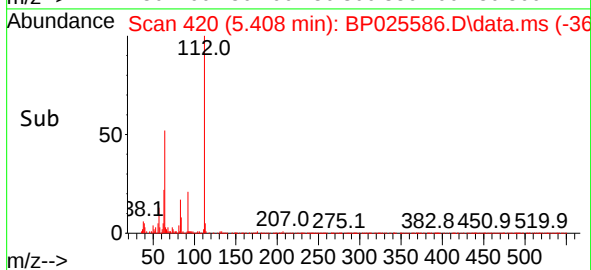
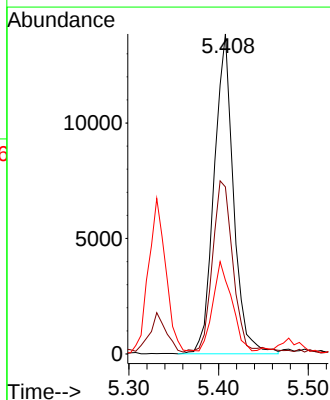
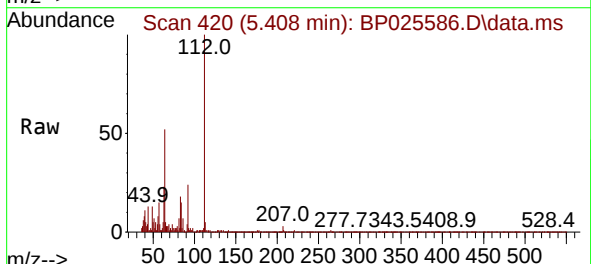
Instrument :
 BNA_P
 ClientSampleId :
 MW-2B-082025DL2

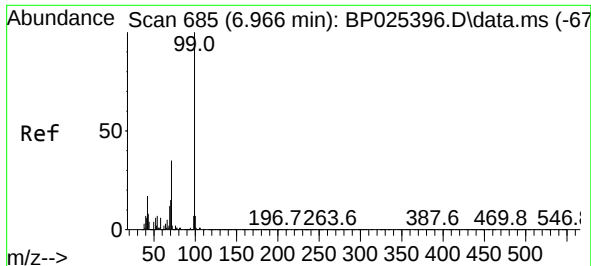
Tgt Ion:152 Resp: 173400
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.9 188.9
 115 62.7 48.5 72.7



#5
 2-Fluorophenol
 Concen: 1.994 ng
 RT: 5.408 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025586.D
 Acq: 26 Aug 2025 15:14

Tgt Ion:112 Resp: 20820
 Ion Ratio Lower Upper
 112 100
 64 52.2 43.8 65.8
 63 23.0 22.7 34.1

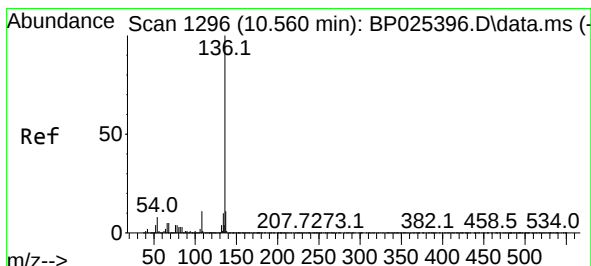
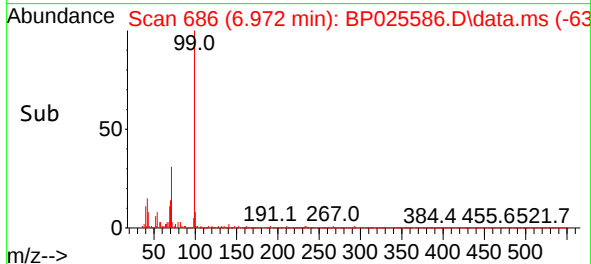
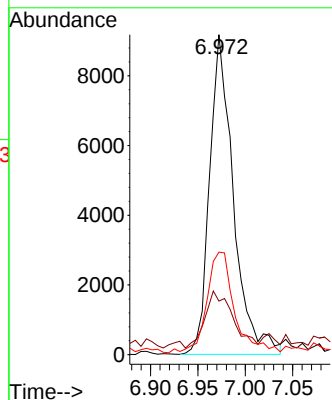
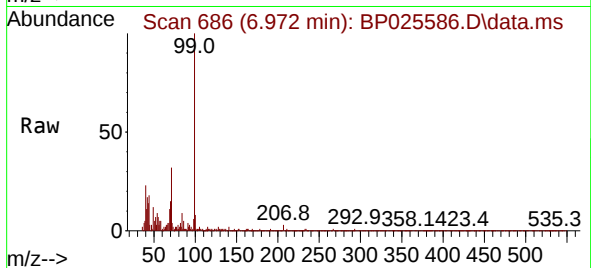




#7
Phenol-d6
Concen: 1.199 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

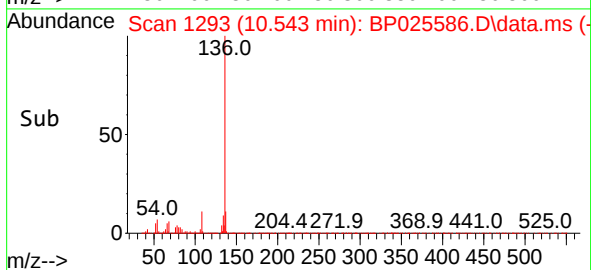
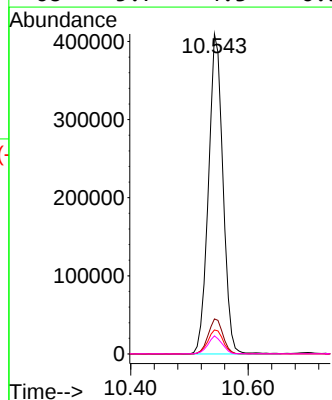
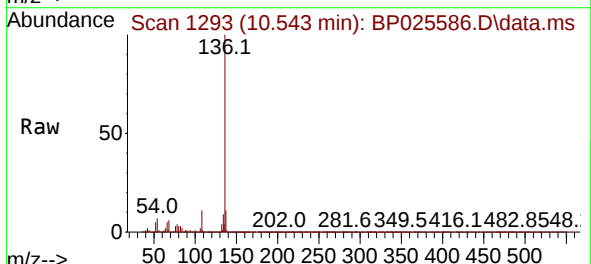
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

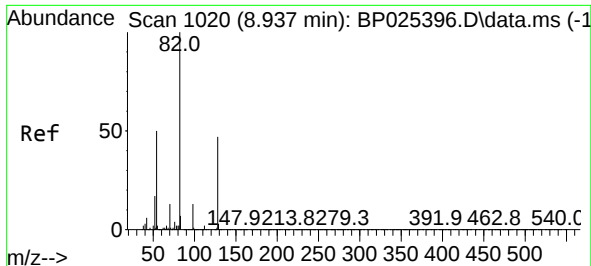
Tgt Ion:	99	Resp:	16055
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	32.0	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:	136	Resp:	700981
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.5	6.0	9.0
68	5.7	4.3	6.5

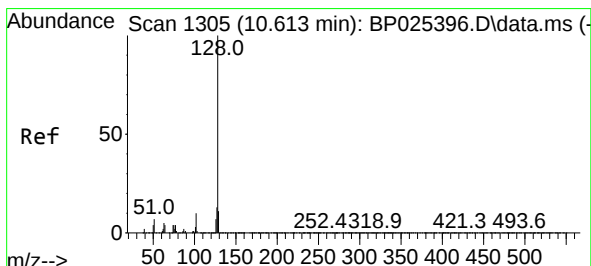
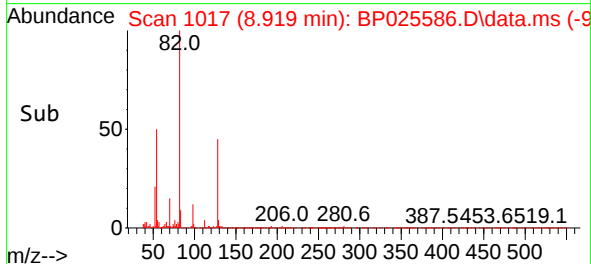
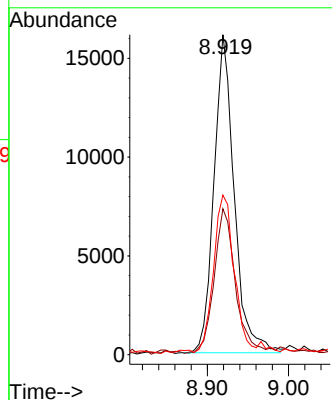
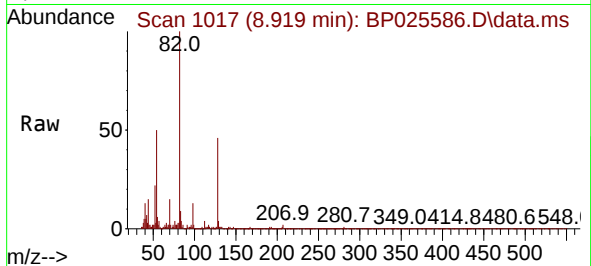




#23
Nitrobenzene-d5
Concen: 2.011 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

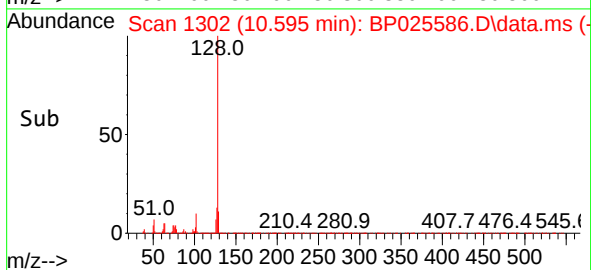
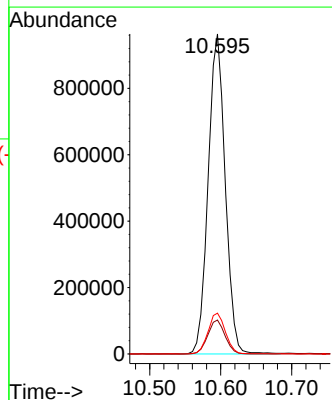
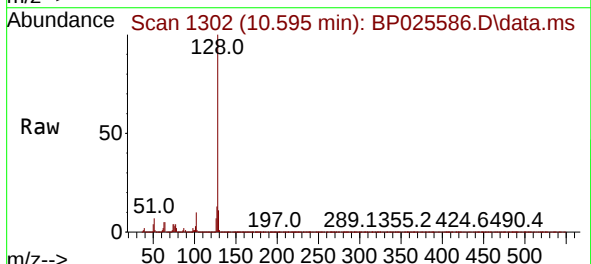
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

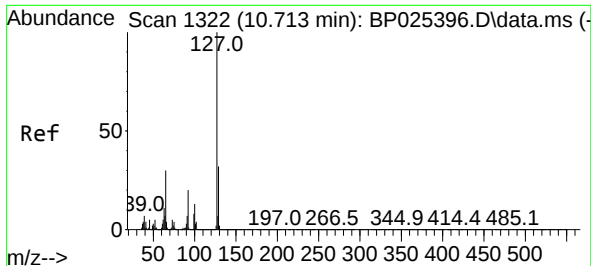
Tgt Ion:	82	Resp:	27867
Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.7	56.5
54	49.9	39.8	59.6



#31
Naphthalene
Concen: 44.140 ng
RT: 10.595 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:	128	Resp:	1608193
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.7	10.7	16.1

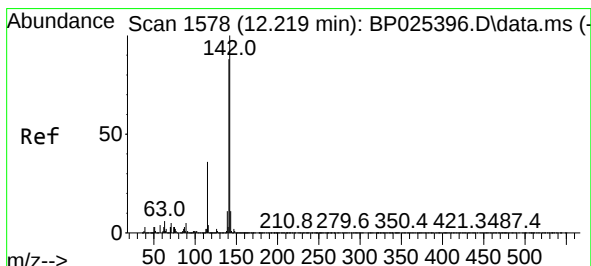
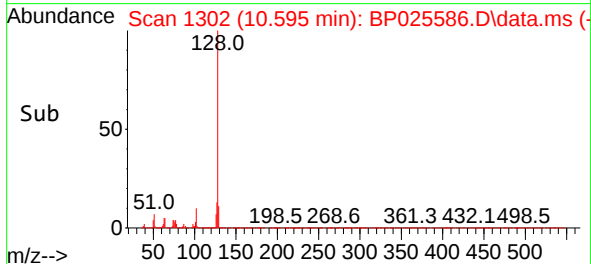
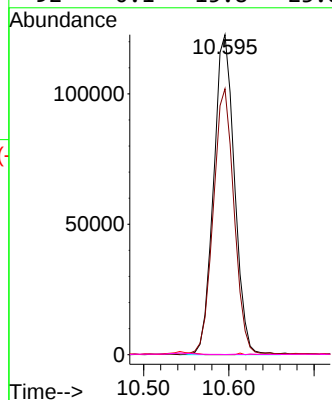
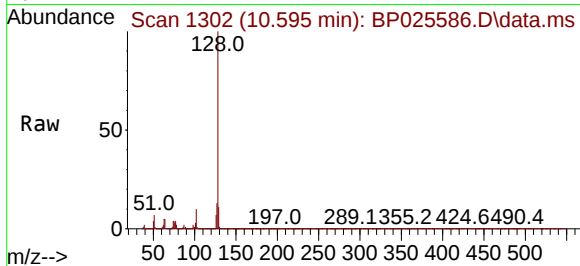




#33
4-Chloroaniline
Concen: 12.971 ng
RT: 10.595 min Scan# 11
Delta R.T. -0.118 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

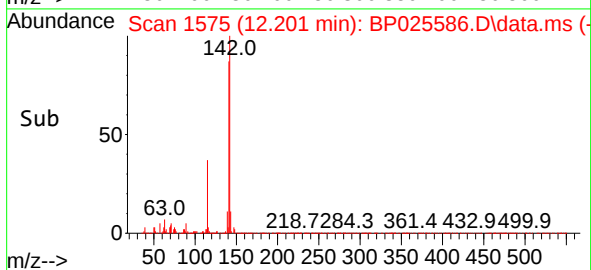
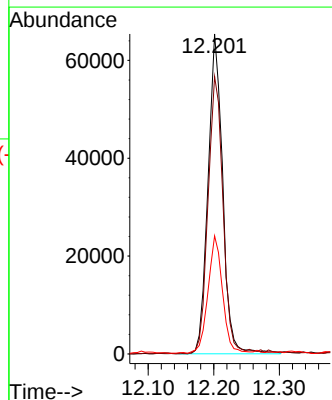
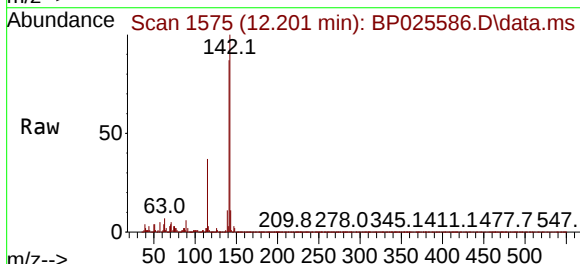
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

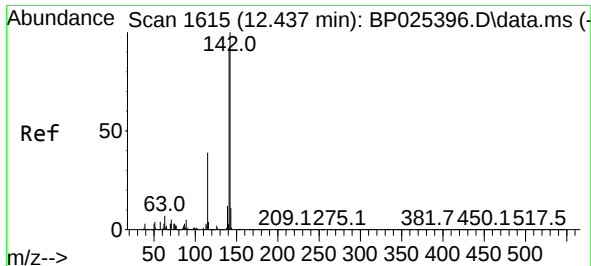
Tgt Ion:	127	Resp:	208755
Ion	Ratio	Lower	Upper
127	100		
129	83.1	25.4	38.2#
65	0.0	23.8	35.6#
92	0.1	15.8	23.8#



#37
2-Methylnaphthalene
Concen: 4.284 ng
RT: 12.201 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:	142	Resp:	101572
Ion	Ratio	Lower	Upper
142	100		
141	86.7	70.3	105.5
115	36.9	28.9	43.3

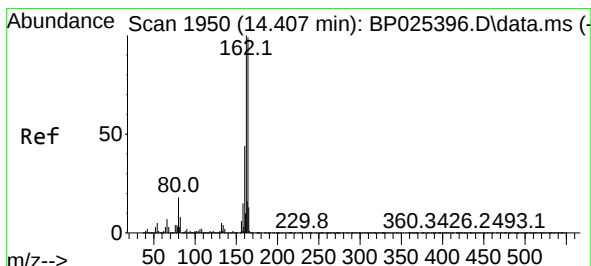
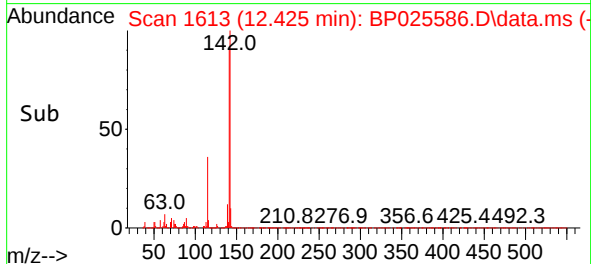
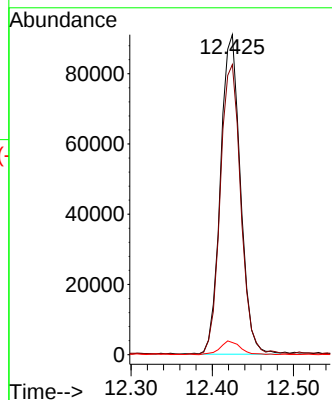
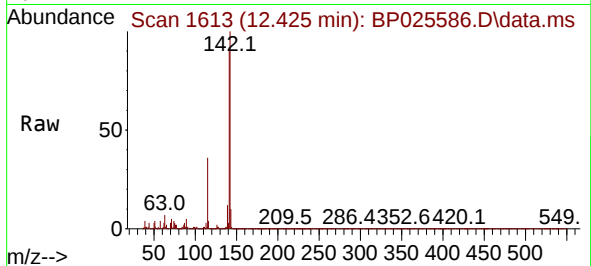




#38
1-Methylnaphthalene
Concen: 6.169 ng
RT: 12.425 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

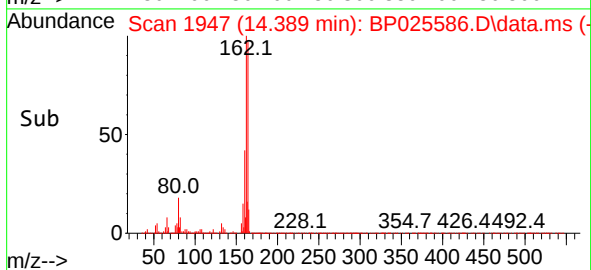
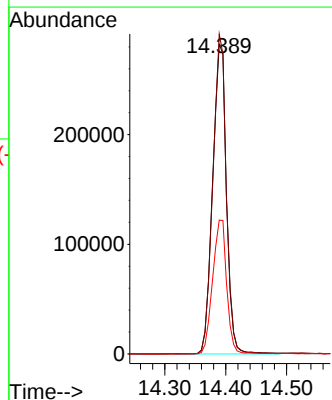
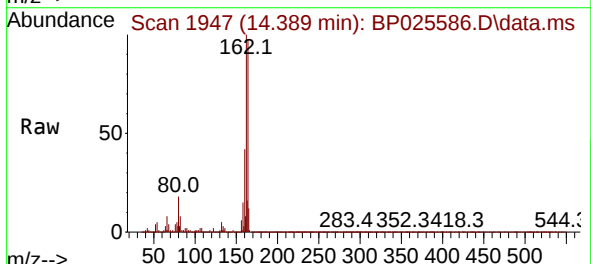
Instrument :
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ClientSampleId :
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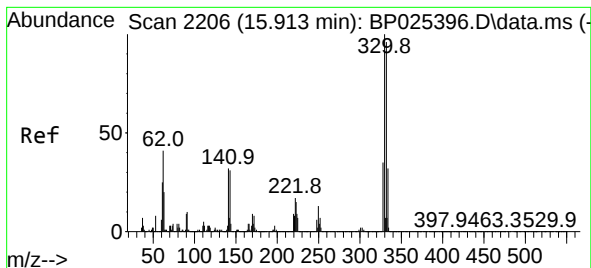
Tgt Ion:142 Resp: 155560
Ion Ratio Lower Upper
142 100
141 90.7 73.1 109.7
116 3.8 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:164 Resp: 444336
Ion Ratio Lower Upper
164 100
162 103.3 81.0 121.6
160 43.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 3.470 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

Instrument :

BNA_P

ClientSampleId :

MW-2B-082025DL2

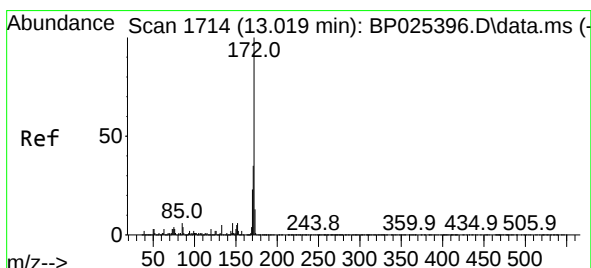
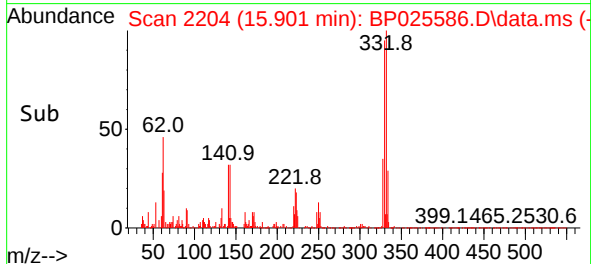
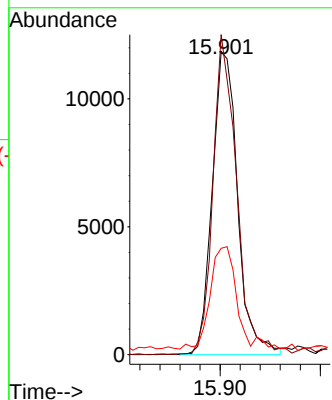
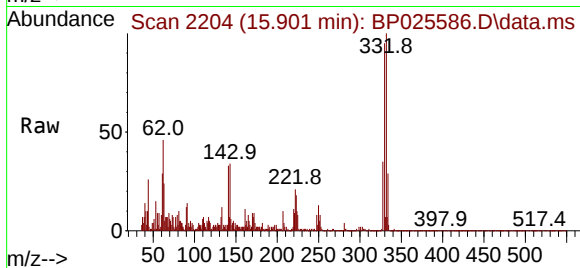
Tgt Ion:330 Resp: 20755

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

141 35.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 2.280 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

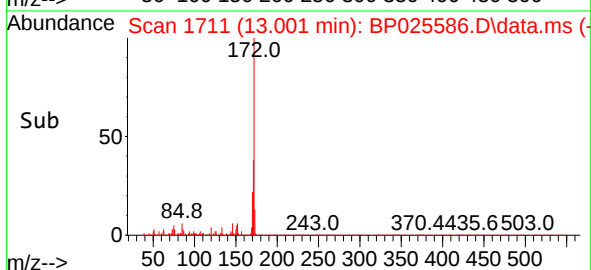
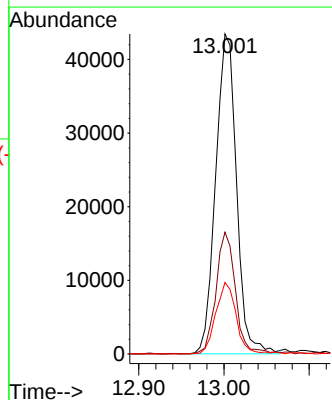
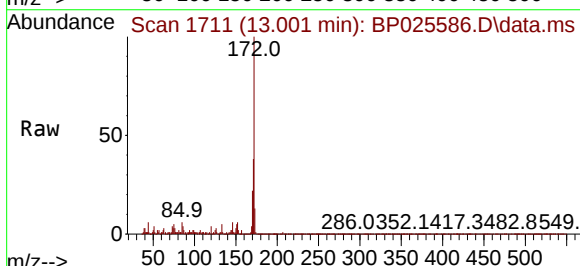
Tgt Ion:172 Resp: 74136

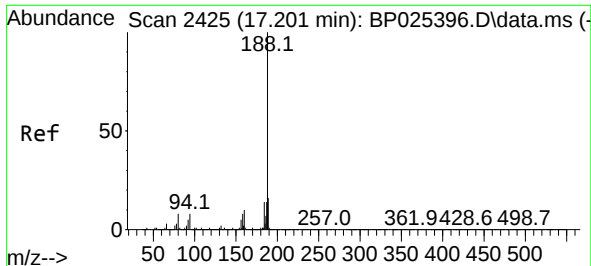
Ion Ratio Lower Upper

172 100

171 38.0 28.1 42.1

170 22.4 18.6 28.0

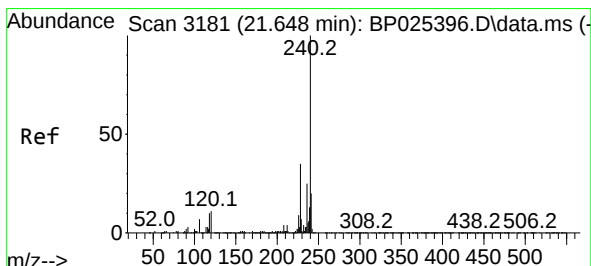
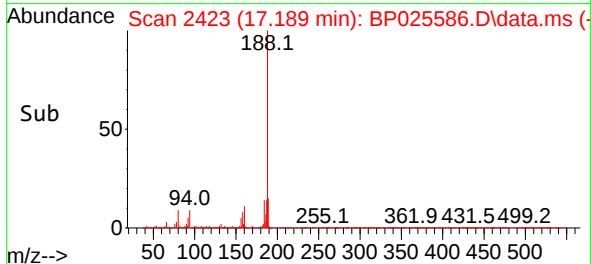
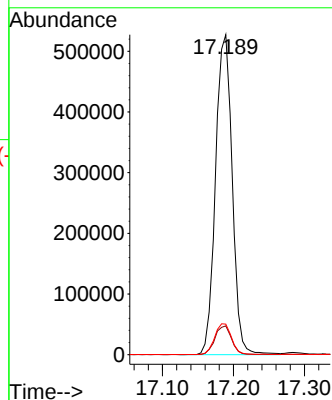
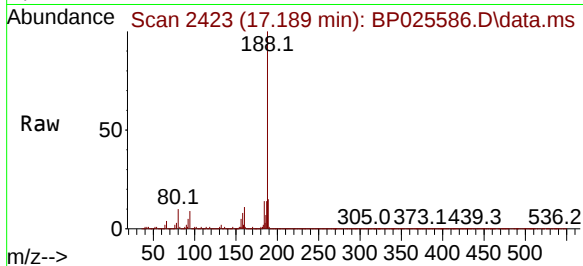




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

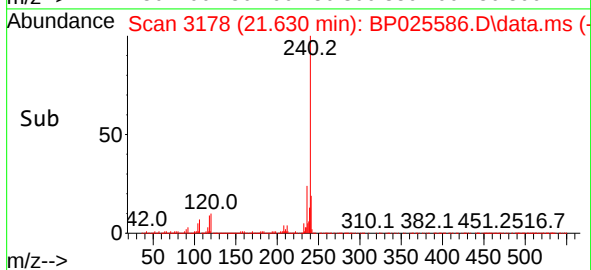
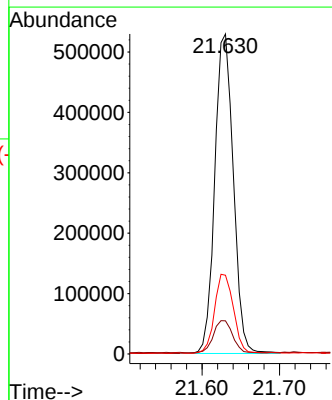
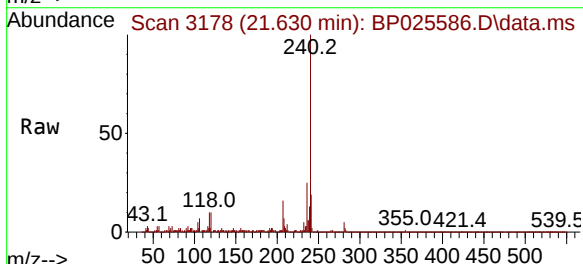
Instrument :
BNA_P
ClientSampleId :
MW-2B-082025DL2

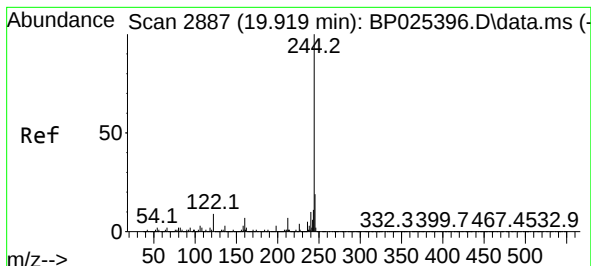
Tgt Ion:188 Resp: 857309
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025586.D
Acq: 26 Aug 2025 15:14

Tgt Ion:240 Resp: 880360
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 24.6 19.8 29.8





#79

Terphenyl-d14

Concen: 2.519 ng

RT: 19.895 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

Instrument :

BNA_P

ClientSampleId :

MW-2B-082025DL2

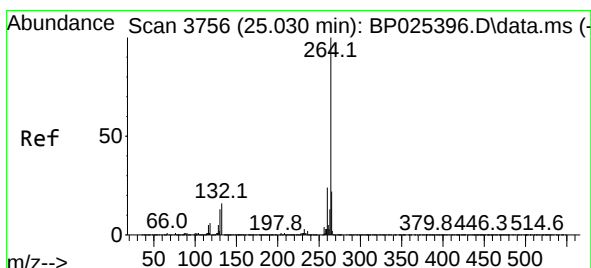
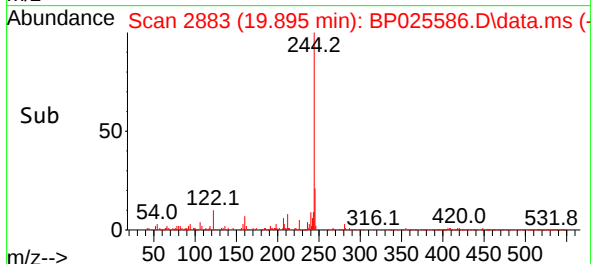
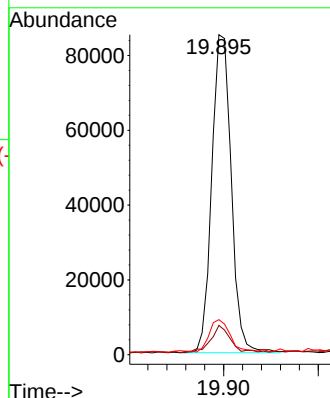
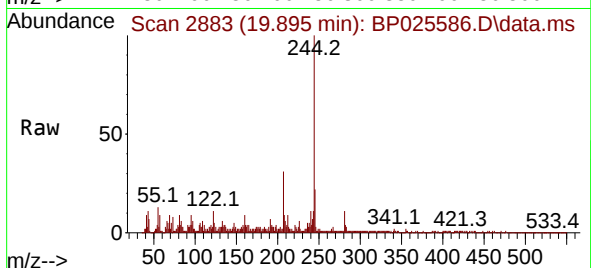
Tgt Ion:244 Resp: 121231

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.6#

122 11.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025586.D

Acq: 26 Aug 2025 15:14

Tgt Ion:264 Resp: 1060519

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 23.1 17.4 26.0

