

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025991.D
 Acq On : 21 Oct 2025 18:20
 Operator : RC/JU
 Sample : Q3374-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4-WC

Quant Time: Oct 21 18:40:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

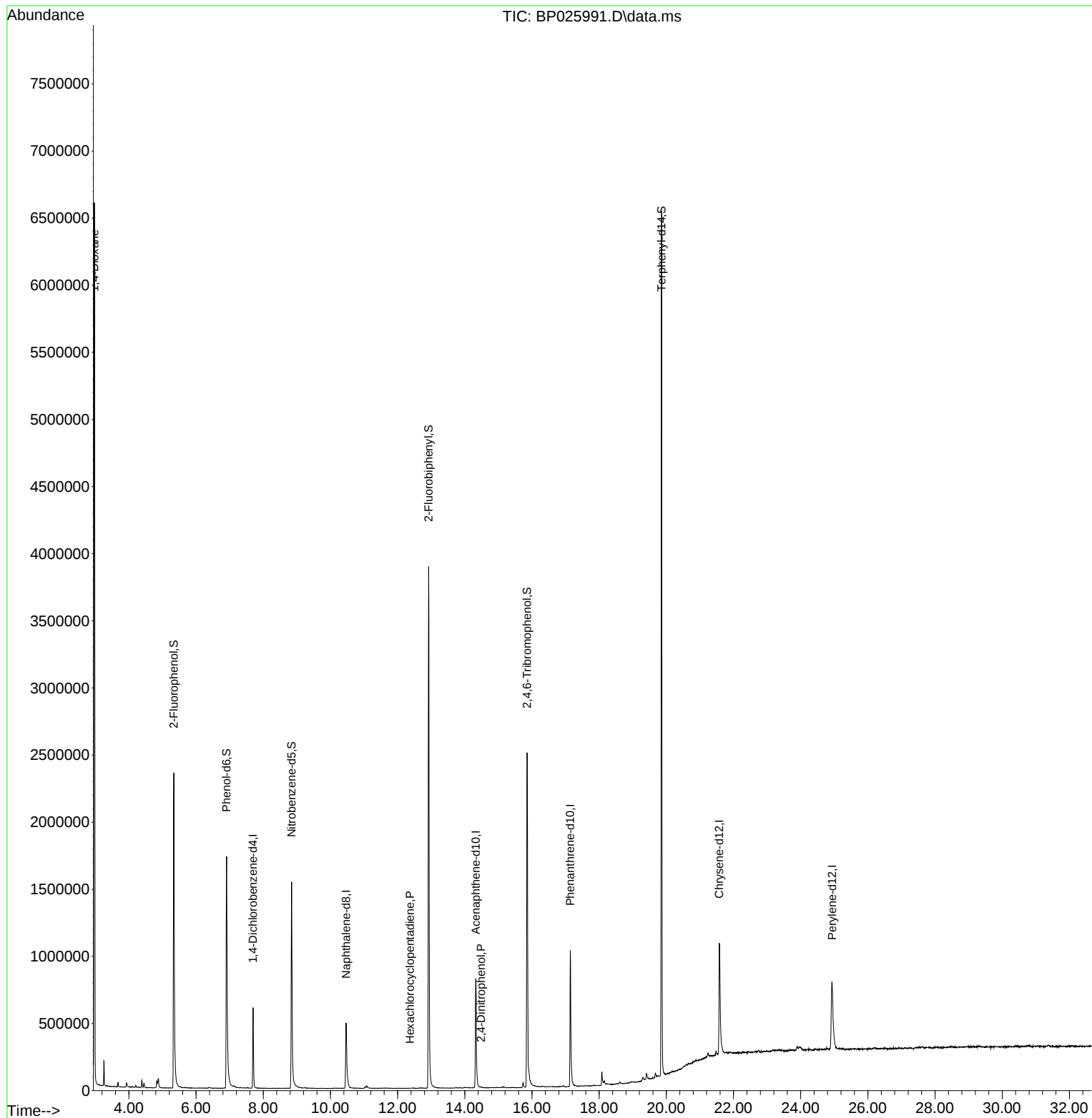
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	161419	20.000	ng	0.00
21) Naphthalene-d8	10.466	136	606593	20.000	ng	0.00
39) Acenaphthene-d10	14.324	164	394893	20.000	ng	0.00
64) Phenanthrene-d10	17.142	188	783670	20.000	ng	0.02
76) Chrysene-d12	21.577	240	740722	20.000	ng	0.00
86) Perylene-d12	24.936	264	763758	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1193005	121.173	ng	0.00
7) Phenol-d6	6.907	99	1404327	102.210	ng	0.00
23) Nitrobenzene-d5	8.842	82	1080450	80.060	ng	0.00
42) 2,4,6-Tribromophenol	15.854	330	654531	123.121	ng	0.01
45) 2-Fluorobiphenyl	12.924	172	2308774	74.937	ng	0.00
79) Terphenyl-d14	19.859	244	3676555	79.325	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.972	88	47477	12.174	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.366	237	17	5.383	ng	91
54) 2,4-Dinitrophenol	14.483	184	13	5.441	ng	# 1

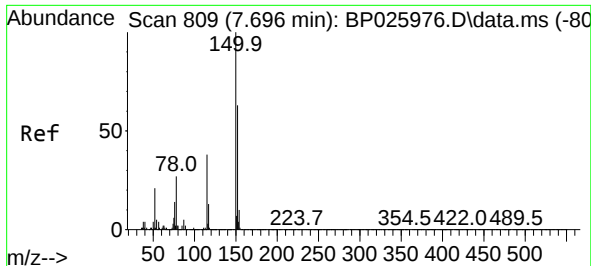
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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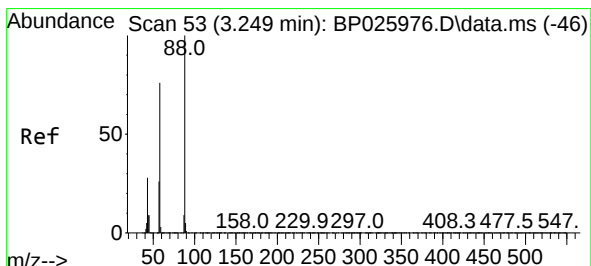
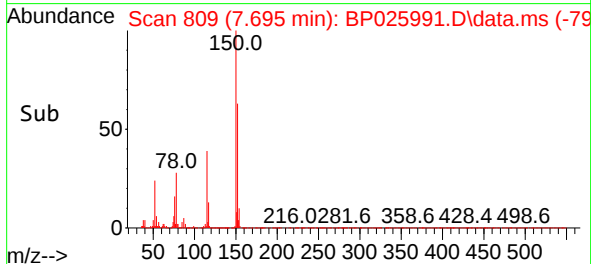
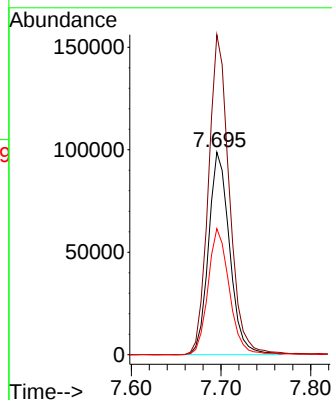
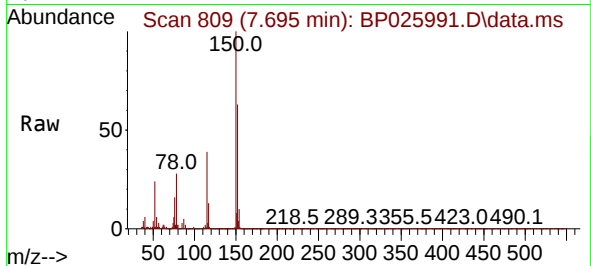




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.695 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BP025991.D
 Acq: 21 Oct 2025 18:20

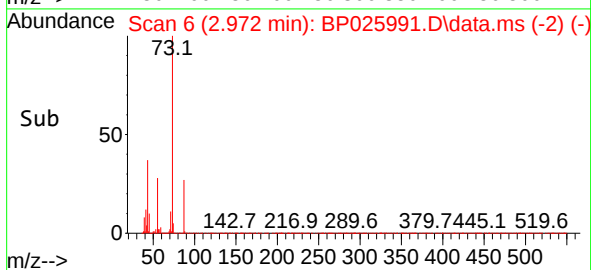
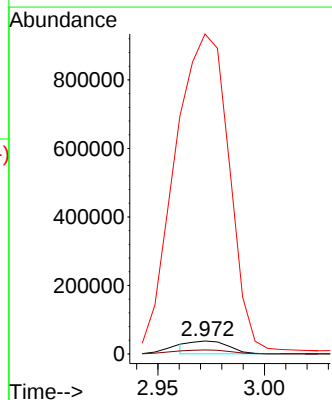
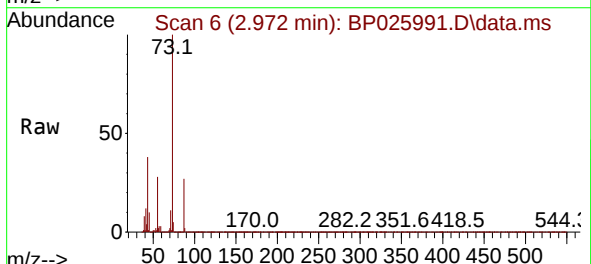
Instrument :
 BNA_P
 ClientSampleId :
 TP-4-WC

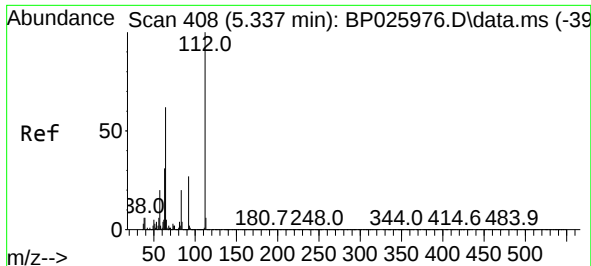
Tgt Ion:152 Resp: 161419
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.3 190.9
 115 62.3 48.7 73.1



#2
 1,4-Dioxane
 Concen: 12.174 ng
 RT: 2.972 min Scan# 6
 Delta R.T. -0.277 min
 Lab File: BP025991.D
 Acq: 21 Oct 2025 18:20

Tgt Ion: 88 Resp: 47477
 Ion Ratio Lower Upper
 88 100
 58 30.3 61.9 92.9#
 43 2538.6 22.6 33.8#

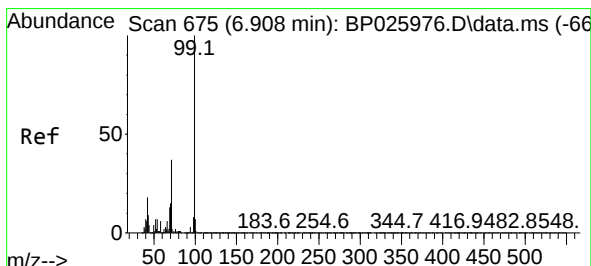
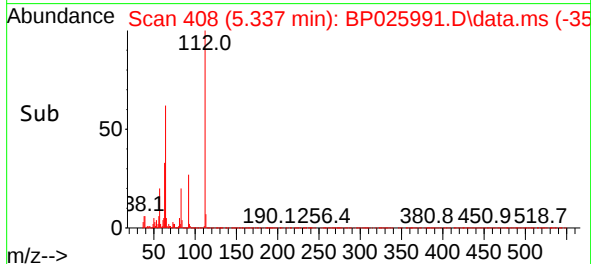
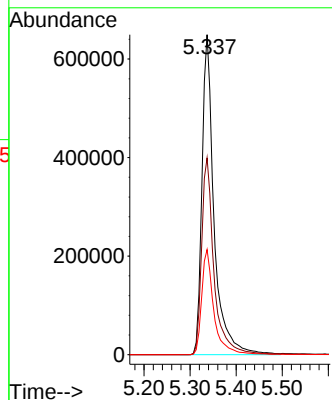
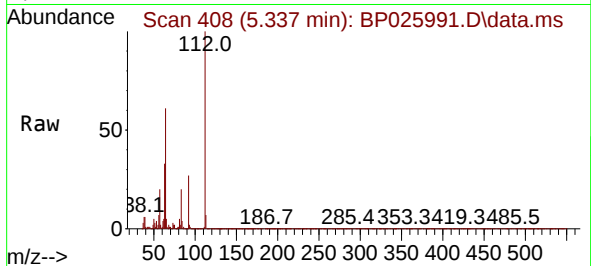




#5
2-Fluorophenol
Concen: 121.173 ng
RT: 5.337 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP025991.D
Acq: 21 Oct 2025 18:20

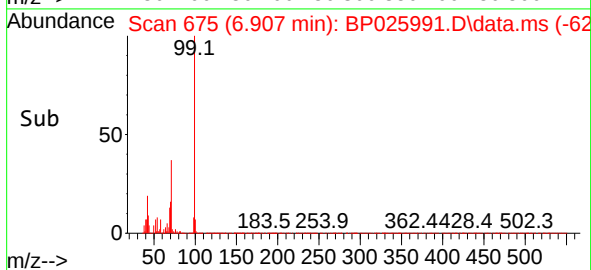
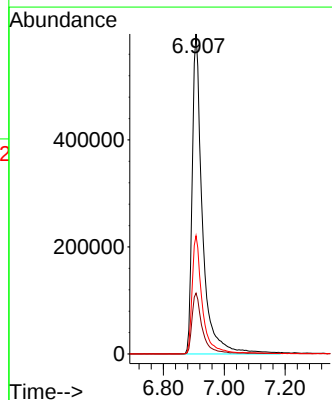
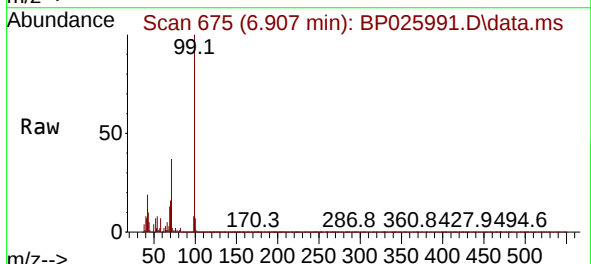
Instrument :
BNA_P
ClientSampleId :
TP-4-WC

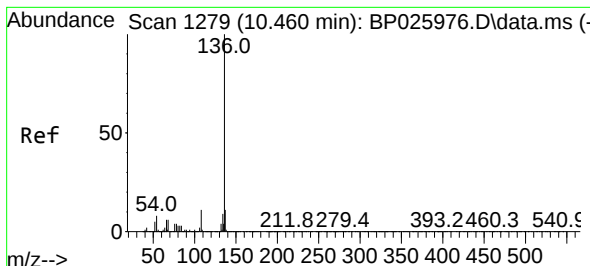
Tgt Ion:112 Resp: 1193005
Ion Ratio Lower Upper
112 100
64 61.5 49.9 74.9
63 32.9 24.9 37.3



#7
Phenol-d6
Concen: 102.210 ng
RT: 6.907 min Scan# 675
Delta R.T. -0.000 min
Lab File: BP025991.D
Acq: 21 Oct 2025 18:20

Tgt Ion: 99 Resp: 1404327
Ion Ratio Lower Upper
99 100
42 19.0 14.2 21.4
71 37.0 29.4 44.0

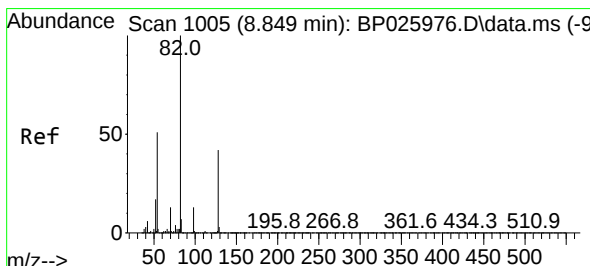
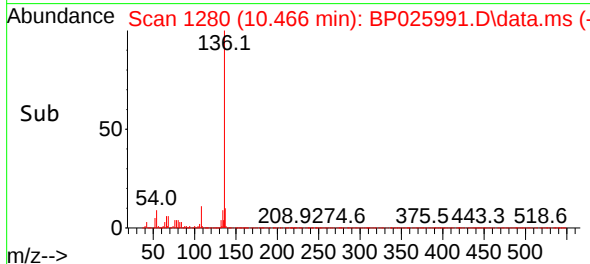
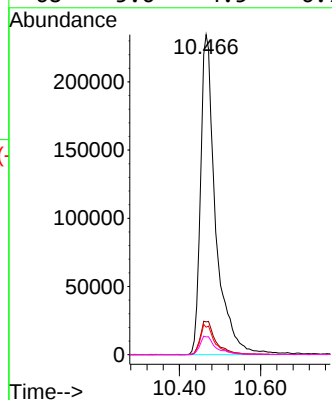
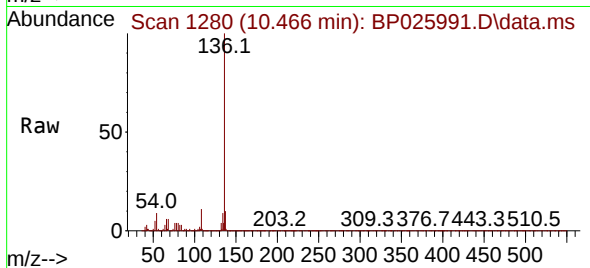




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.466 min Scan# 1004
Delta R.T. 0.005 min
Lab File: BP025991.D
Acq: 21 Oct 2025 18:20

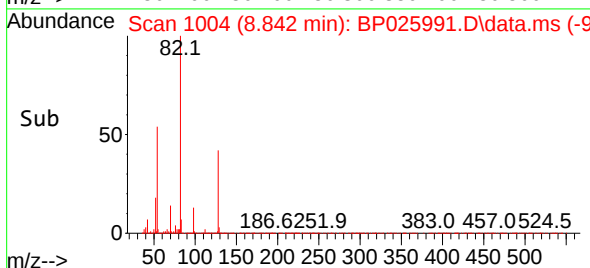
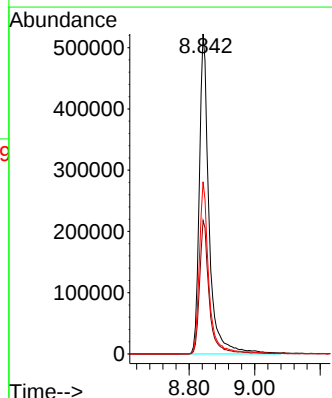
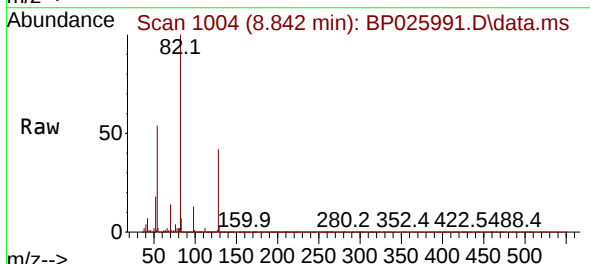
Instrument :
BNA_P
ClientSampleId :
TP-4-WC

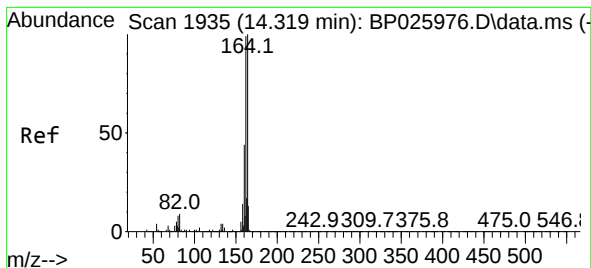
Tgt Ion:	136	Resp:	606593
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	12.8
54	8.6	6.8	10.2
68	5.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 80.060 ng
RT: 8.842 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP025991.D
Acq: 21 Oct 2025 18:20

Tgt Ion:	82	Resp:	1080450
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.6	50.4
54	53.8	40.6	61.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.324 min Scan# 1935

Delta R.T. 0.005 min

Lab File: BP025991.D

Acq: 21 Oct 2025 18:20

Instrument :

BNA_P

ClientSampleId :

TP-4-WC

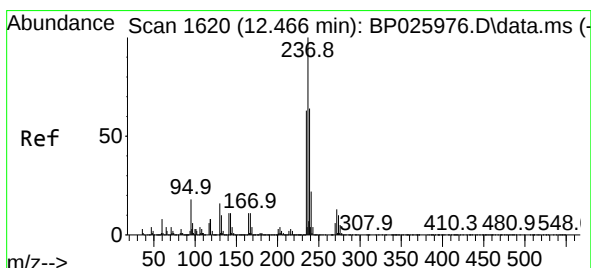
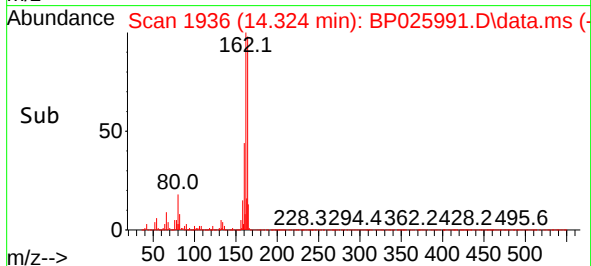
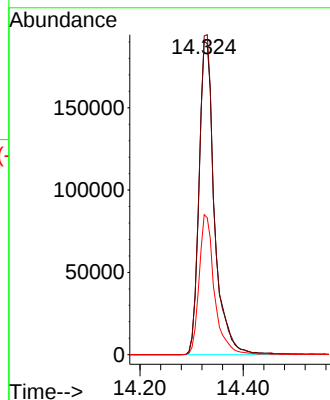
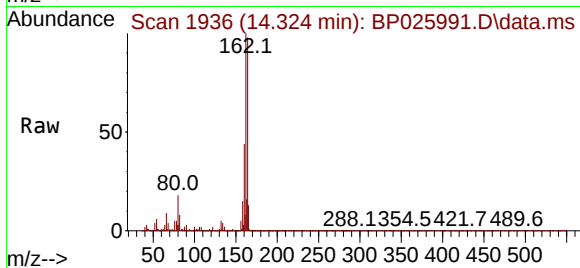
Tgt Ion:164 Resp: 394893

Ion Ratio Lower Upper

164 100

162 101.7 79.3 118.9

160 44.7 35.4 53.0



#41

Hexachlorocyclopentadiene

Concen: 5.383 ng

RT: 12.366 min Scan# 1603

Delta R.T. -0.100 min

Lab File: BP025991.D

Acq: 21 Oct 2025 18:20

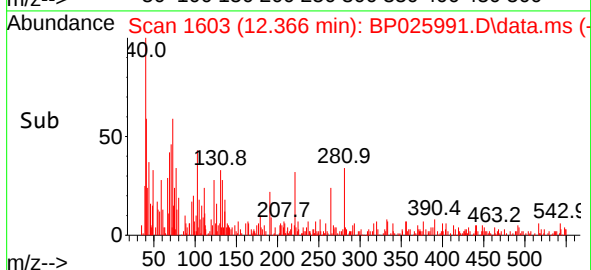
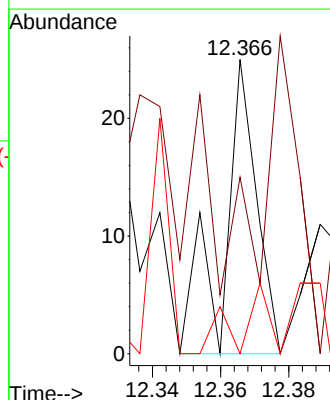
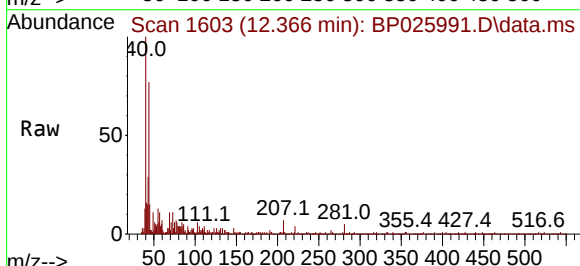
Tgt Ion:237 Resp: 17

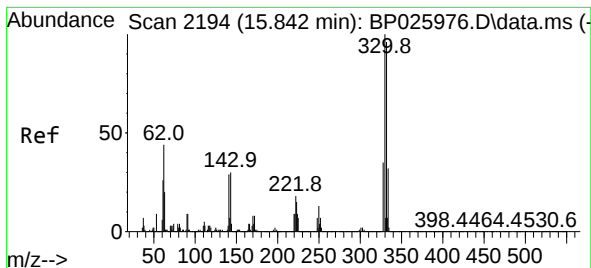
Ion Ratio Lower Upper

237 100

235 60.0 43.1 83.1

272 0.0 0.0 33.4





#42

2,4,6-Tribromophenol

Concen: 123.121 ng

RT: 15.854 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP025991.D

Acq: 21 Oct 2025 18:20

Instrument :

BNA_P

ClientSampleId :

TP-4-WC

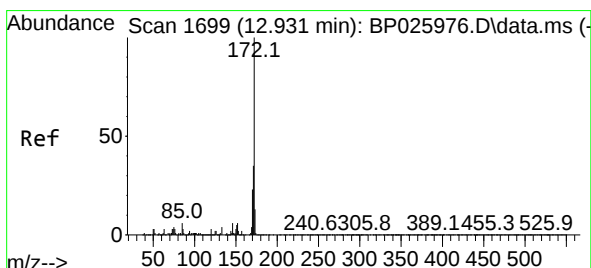
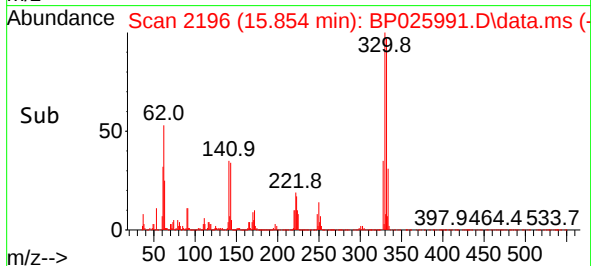
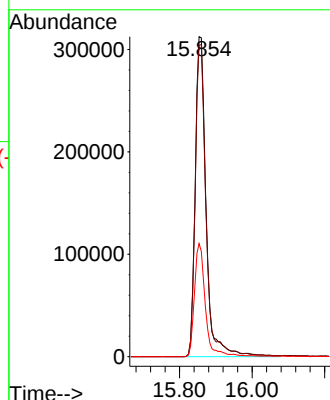
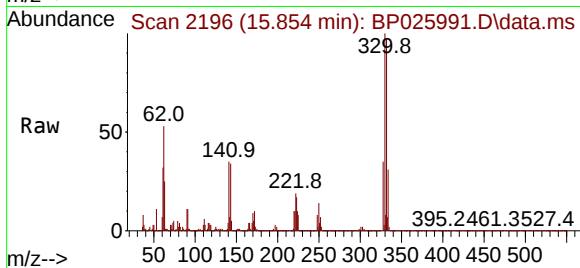
Tgt Ion:330 Resp: 654531

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 35.6 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 74.937 ng

RT: 12.924 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP025991.D

Acq: 21 Oct 2025 18:20

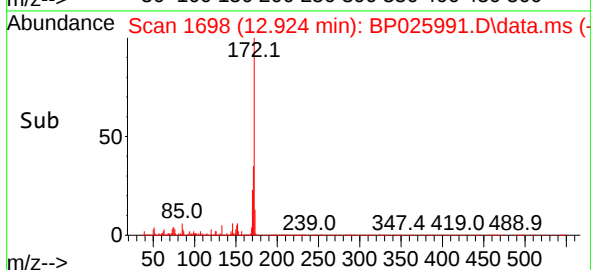
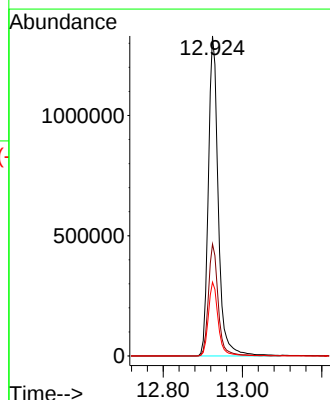
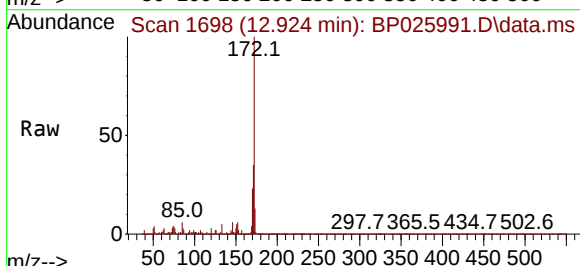
Tgt Ion:172 Resp: 2308774

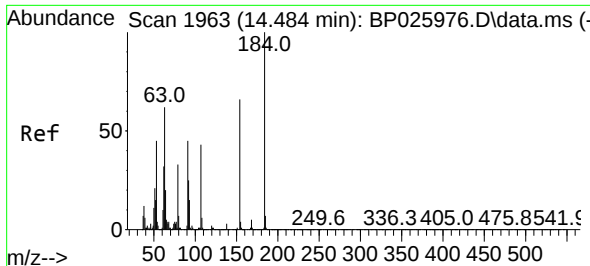
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.0 18.5 27.7

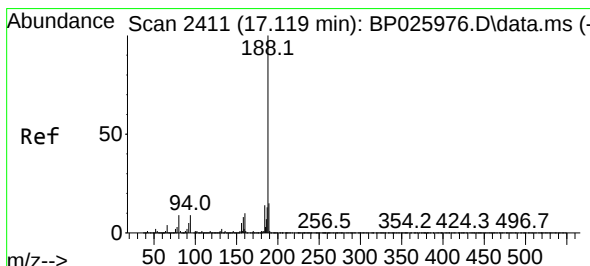
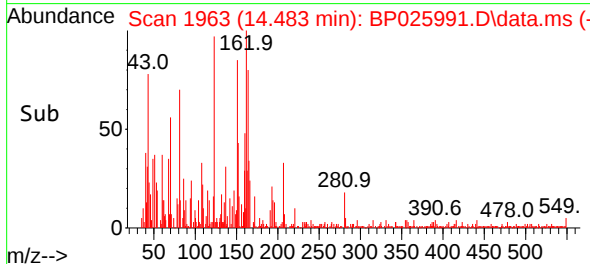
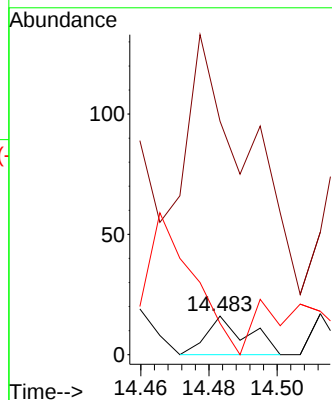
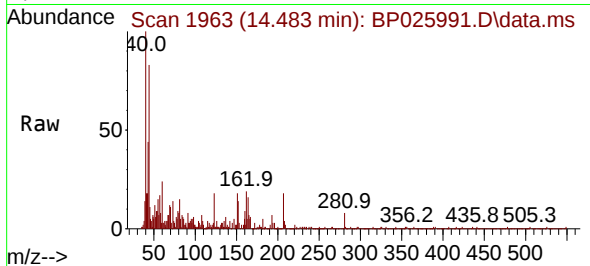




#54
2,4-Dinitrophenol
Concen: 5.441 ng
RT: 14.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BP025991.D
Acq: 21 Oct 2025 18:20

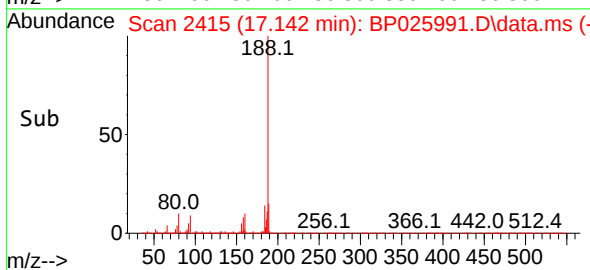
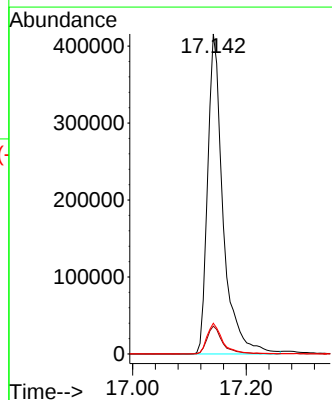
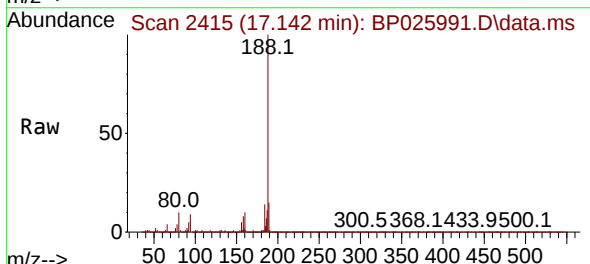
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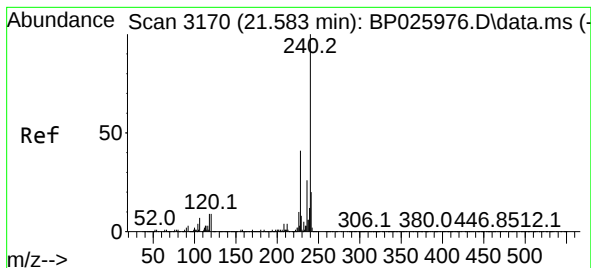
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 950.0 50.2 75.2#
154 81.3 54.2 81.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.023 min
Lab File: BP025991.D
Acq: 21 Oct 2025 18:20

Tgt Ion:188 Resp: 783670
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.6 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3170

Delta R.T. -0.006 min

Lab File: BP025991.D

Acq: 21 Oct 2025 18:20

Instrument :

BNA_P

ClientSampleId :

TP-4-WC

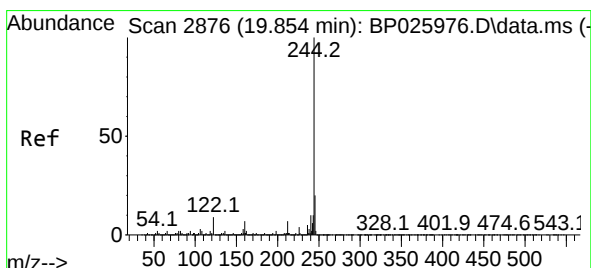
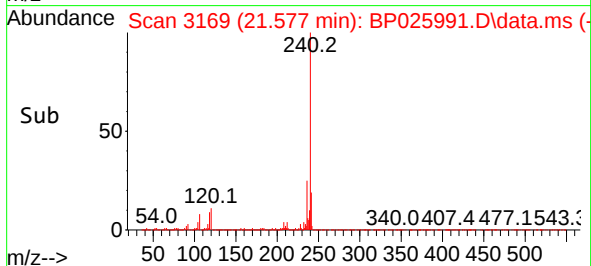
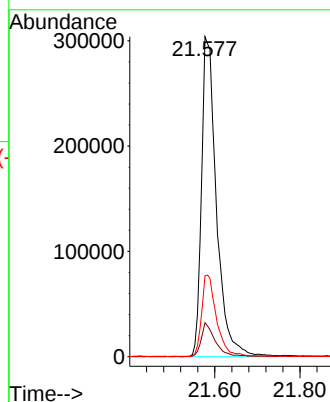
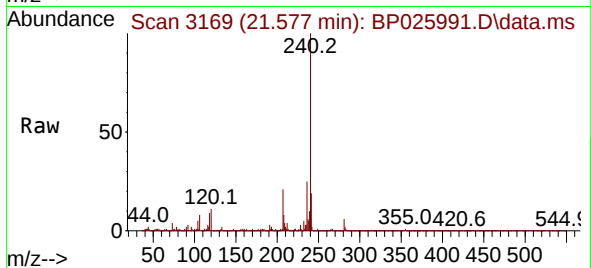
Tgt Ion:240 Resp: 740722

Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.0

236 25.3 20.4 30.6



#79

Terphenyl-d14

Concen: 79.325 ng

RT: 19.859 min Scan# 2877

Delta R.T. 0.005 min

Lab File: BP025991.D

Acq: 21 Oct 2025 18:20

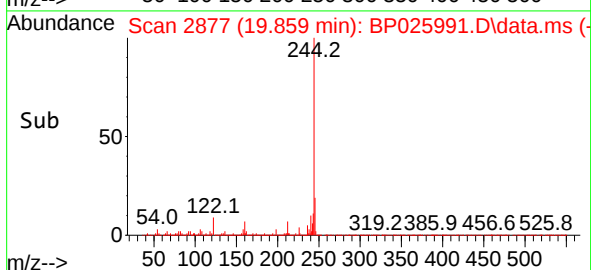
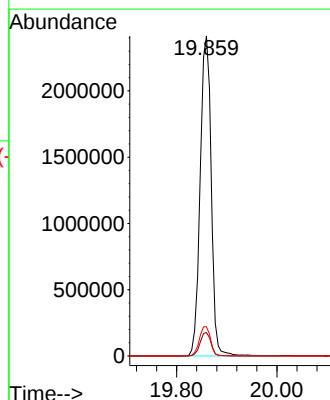
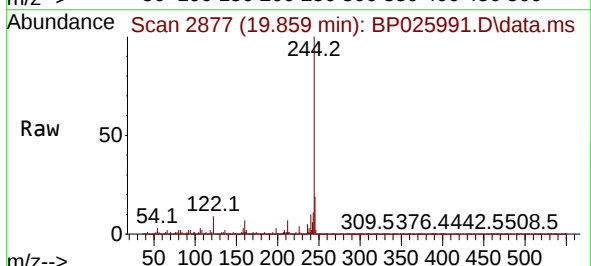
Tgt Ion:244 Resp: 3676555

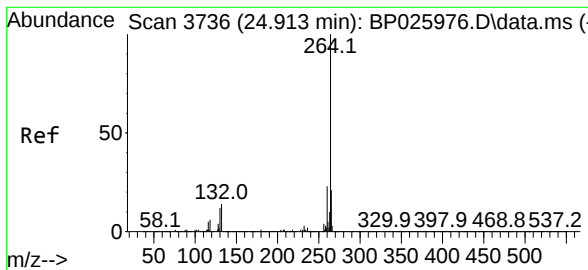
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 9.2 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.936 min Scan# 31
 Delta R.T. 0.023 min
 Lab File: BP025991.D
 Acq: 21 Oct 2025 18:20

Instrument :
 BNA_P
 ClientSampleId :
 TP-4-WC

Tgt Ion:	264	Resp:	763758
Ion Ratio	Lower	Upper	
264	100		
260	22.3	18.4	27.6
265	22.1	17.7	26.5

