

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
 Data File : BP025004.D
 Acq On : 19 Jun 2025 16:57
 Operator : RC/JU
 Sample : PB168556BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168556BL

Quant Time: Jun 19 17:50:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

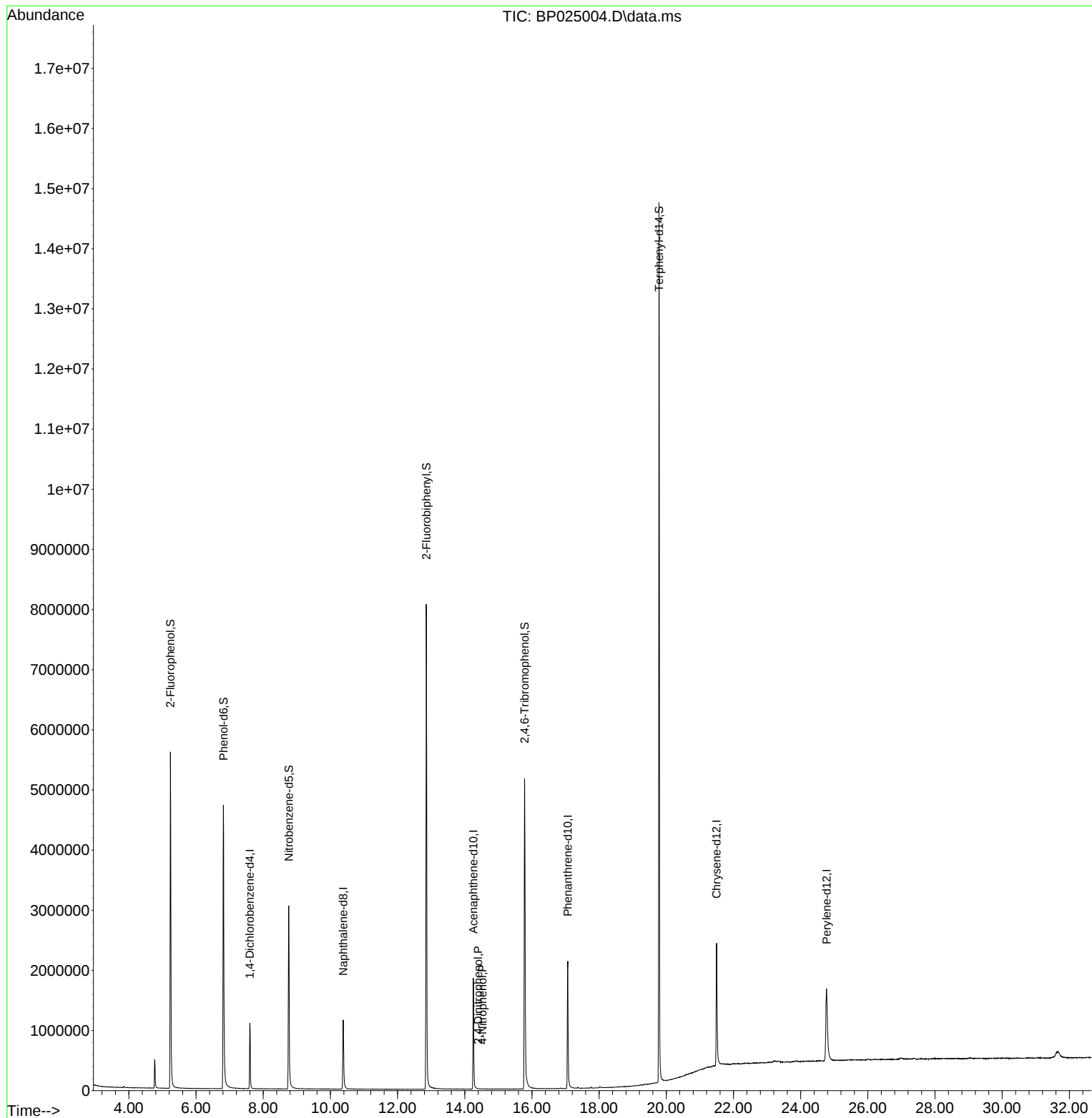
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	312897	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1190189	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	728417	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1476422	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1476723	20.000	ng	0.01
86) Perylene-d12	24.771	264	1595497	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2715249	144.849	ng	0.00
7) Phenol-d6	6.814	99	3314299	133.630	ng	0.00
23) Nitrobenzene-d5	8.760	82	2072887	84.632	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1388368	137.861	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	4404412	81.454	ng	0.00
79) Terphenyl-d14	19.783	244	7149224	86.768	ng	-0.01
Target Compounds						
54) 2,4-Dinitrophenol	14.401	184	61	5.571	ng	# 1
56) 4-Nitrophenol	14.525	139	54	5.414	ng	# 65

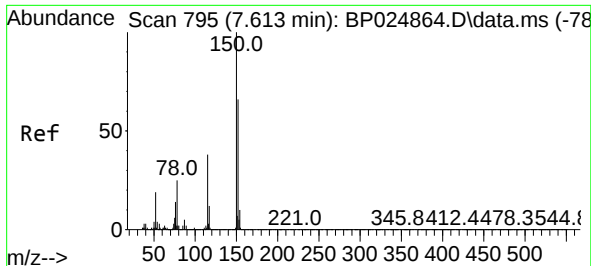
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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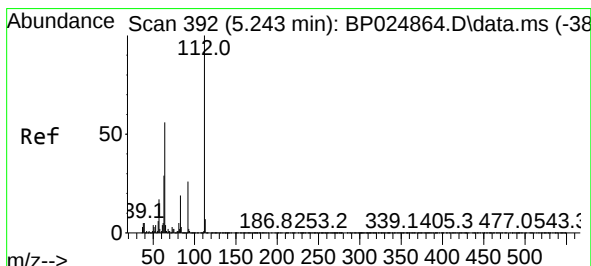
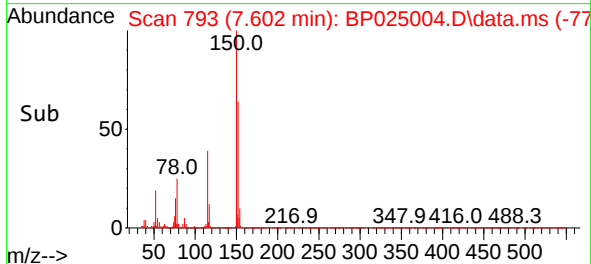
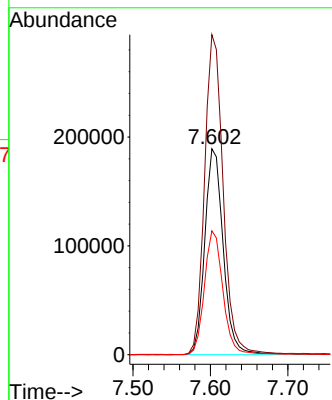
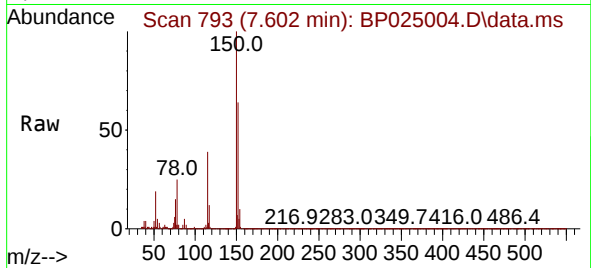




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025004.D
Acq: 19 Jun 2025 16:57

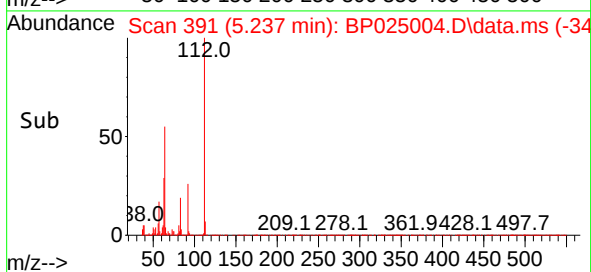
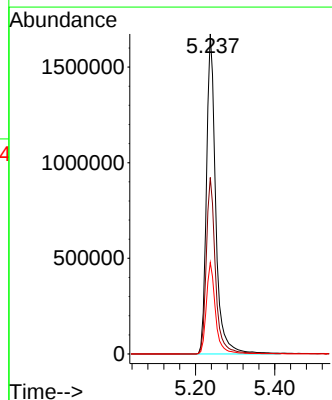
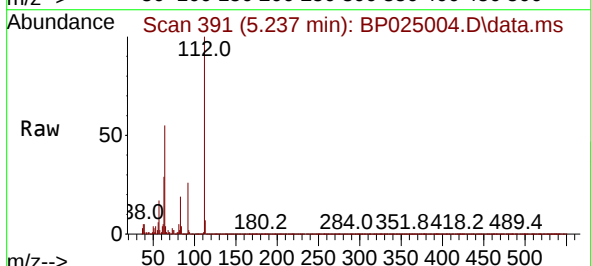
Instrument :
BNA_P
ClientSampleId :
PB168556BL

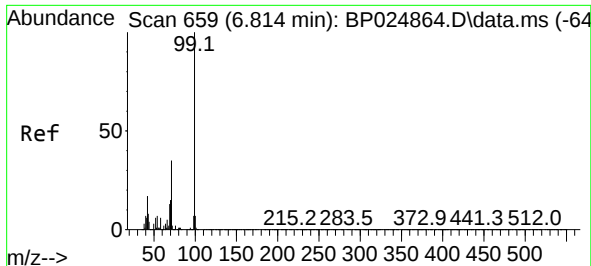
Tgt Ion:152 Resp: 312897
Ion Ratio Lower Upper
152 100
150 155.4 122.1 183.1
115 60.2 46.4 69.6



#5
2-Fluorophenol
Concen: 144.849 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025004.D
Acq: 19 Jun 2025 16:57

Tgt Ion:112 Resp: 2715249
Ion Ratio Lower Upper
112 100
64 55.1 44.7 67.1
63 28.6 23.5 35.3

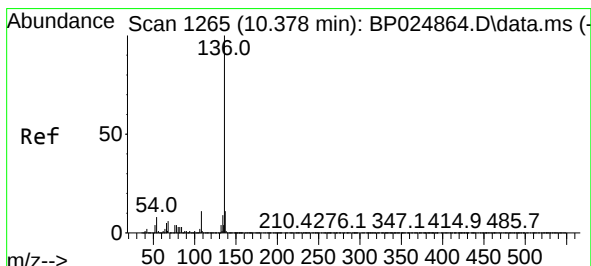
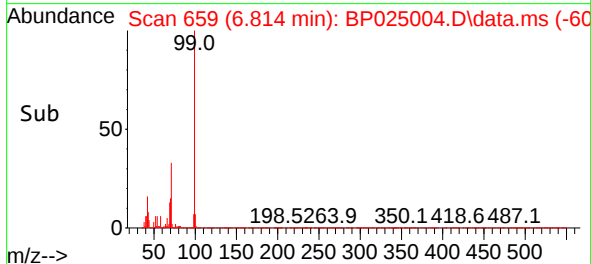
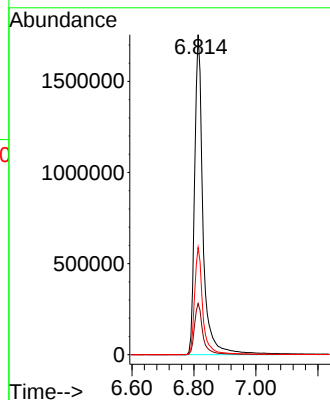
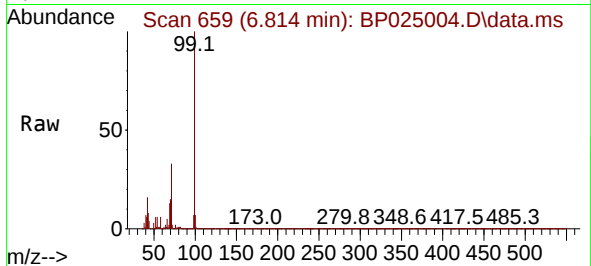




#7
Phenol-d6
Concen: 133.630 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025004.D
Acq: 19 Jun 2025 16:57

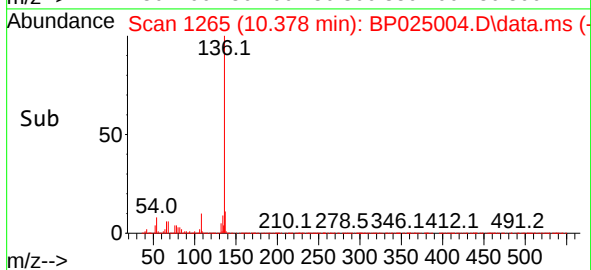
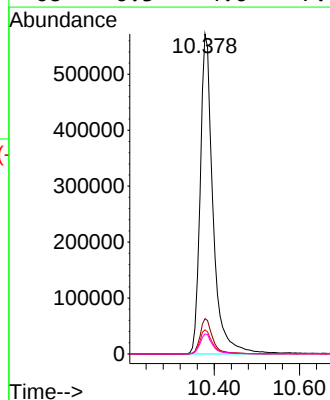
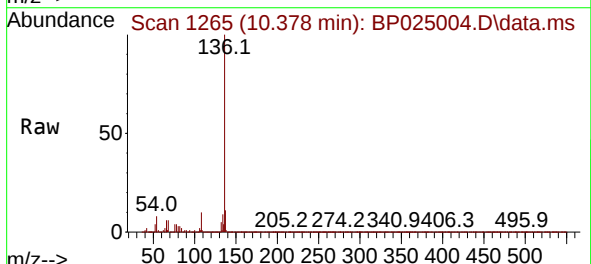
Instrument :
BNA_P
ClientSampleId :
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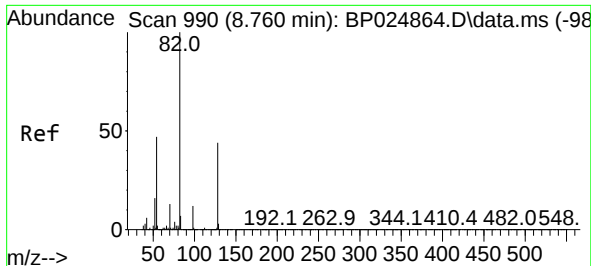
Tgt Ion: 99 Resp: 3314299
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 33.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP025004.D
Acq: 19 Jun 2025 16:57

Tgt Ion:136 Resp: 1190189
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.1 9.1
68 6.3 4.6 7.0

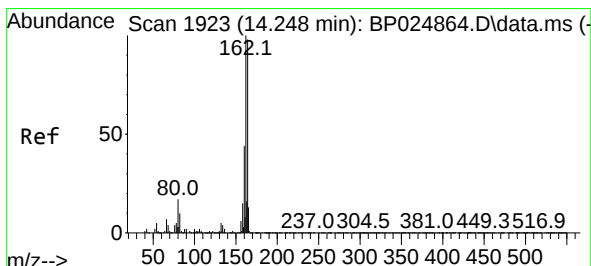
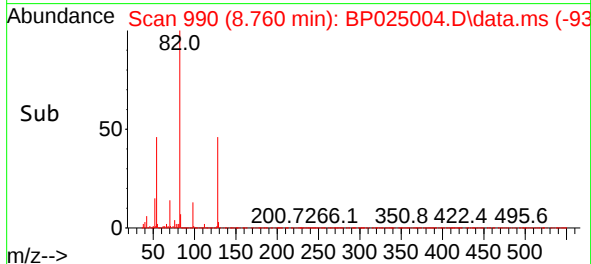
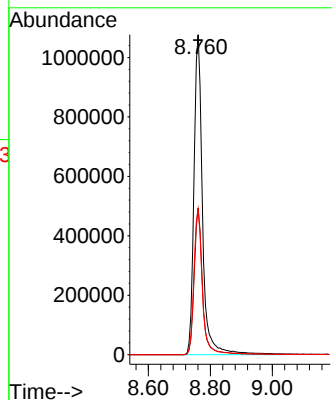
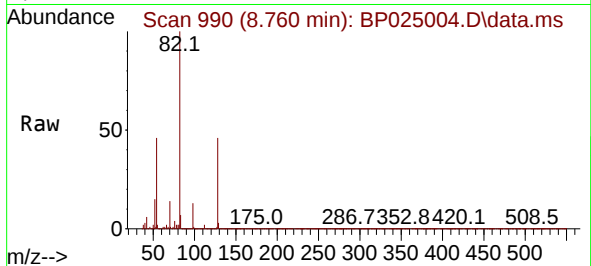




#23
Nitrobenzene-d5
Concen: 84.632 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP025004.D
Acq: 19 Jun 2025 16:57

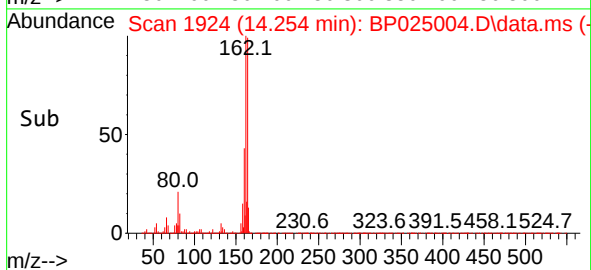
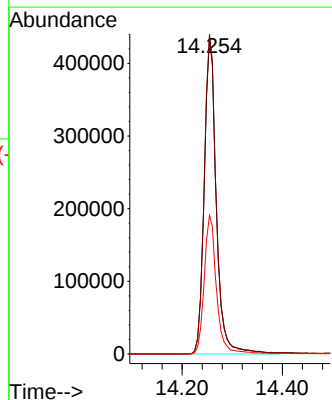
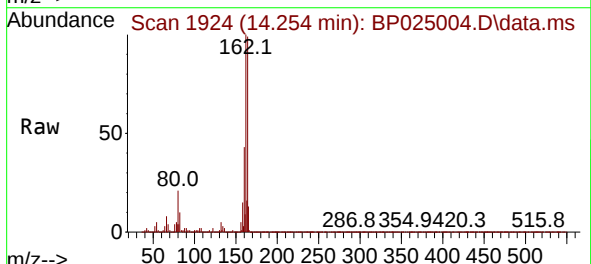
Instrument :
BNA_P
ClientSampleId :
PB168556BL

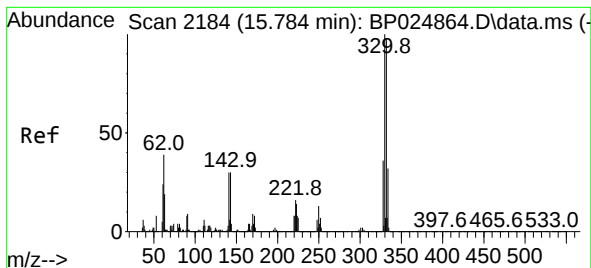
Tgt Ion: 82 Resp: 2072887
Ion Ratio Lower Upper
82 100
128 45.8 35.3 52.9
54 45.5 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP025004.D
Acq: 19 Jun 2025 16:57

Tgt Ion:164 Resp: 728417
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 43.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 137.861 ng

RT: 15.784 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025004.D

Acq: 19 Jun 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB168556BL

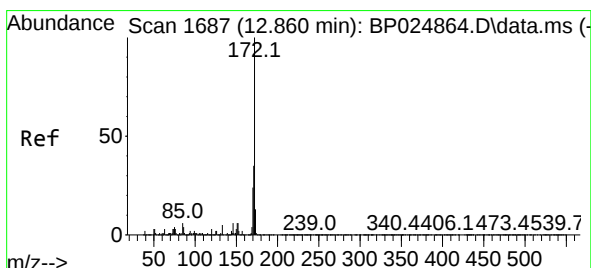
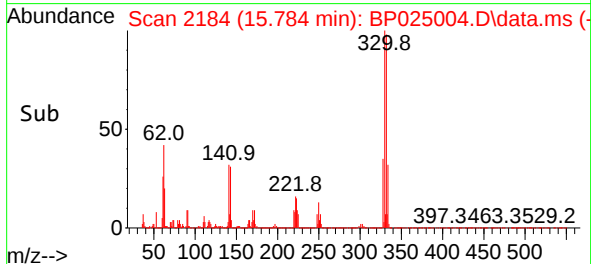
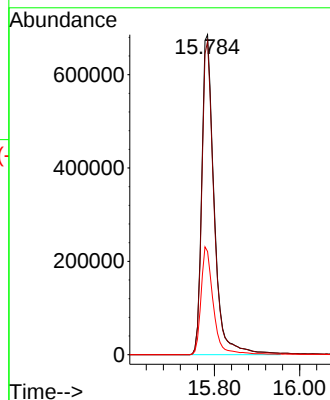
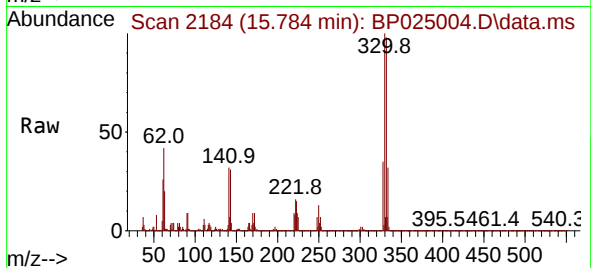
Tgt Ion:330 Resp: 1388368

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 33.7 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 81.454 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025004.D

Acq: 19 Jun 2025 16:57

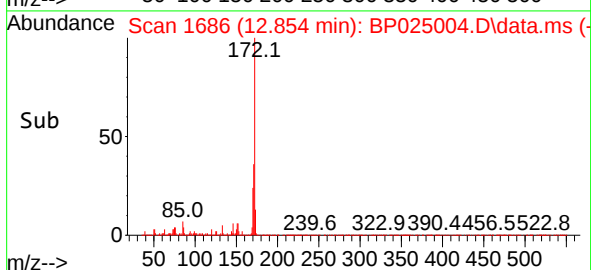
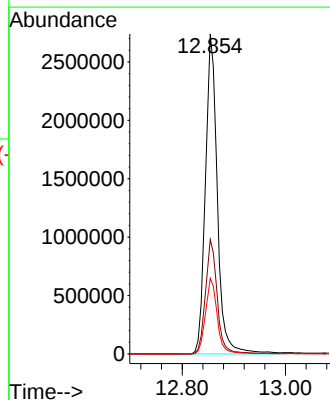
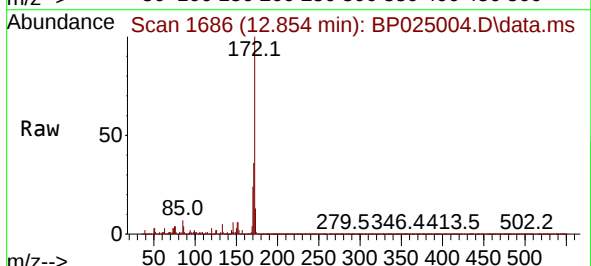
Tgt Ion:172 Resp: 4404412

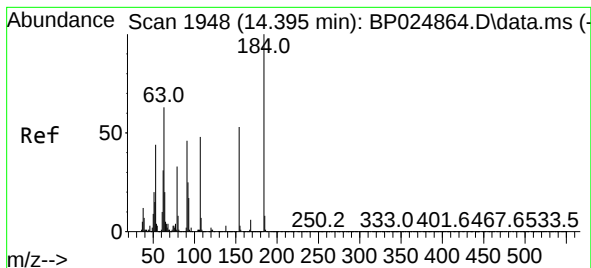
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.7 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.571 ng

RT: 14.401 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BP025004.D

Acq: 19 Jun 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB168556BL

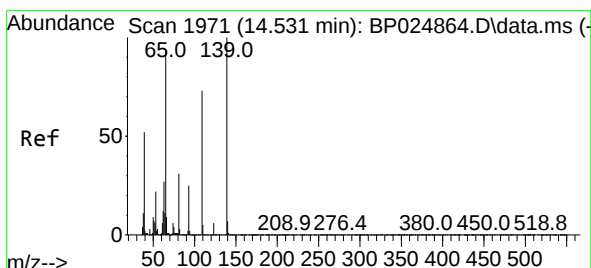
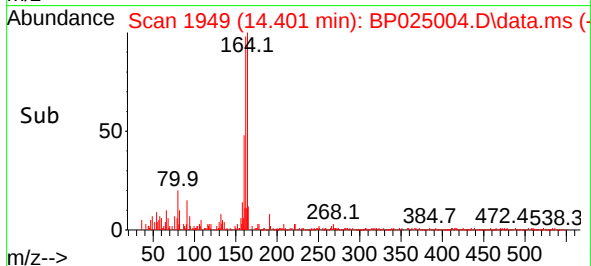
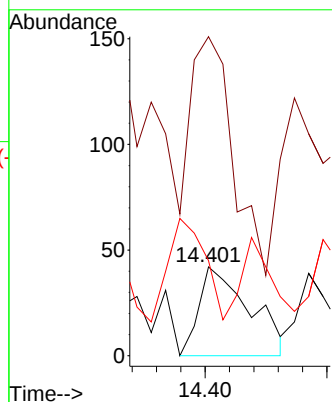
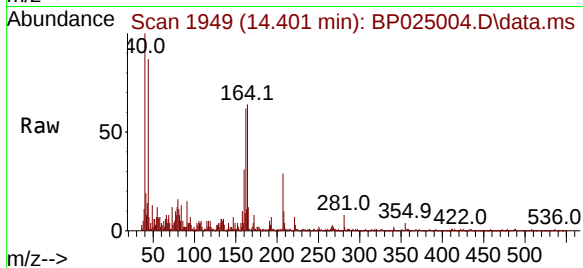
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 359.5 51.0 76.4#

154 107.1 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.414 ng

RT: 14.525 min Scan# 1970

Delta R.T. -0.006 min

Lab File: BP025004.D

Acq: 19 Jun 2025 16:57

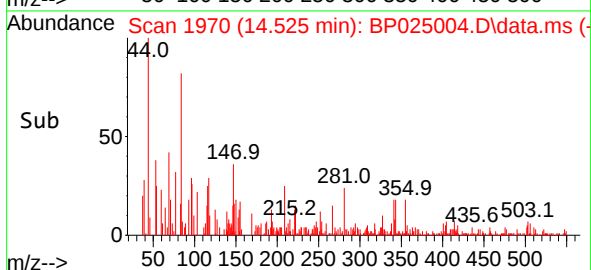
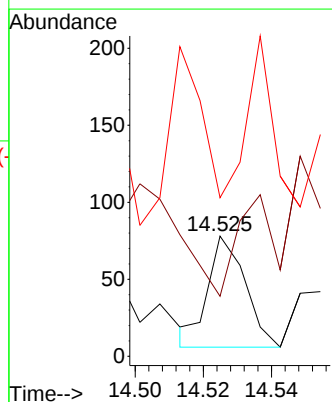
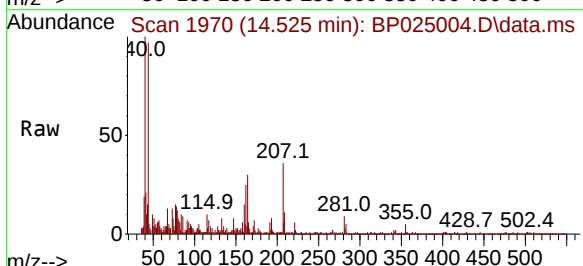
Tgt Ion:139 Resp: 54

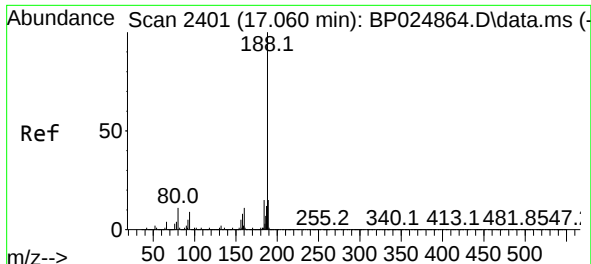
Ion Ratio Lower Upper

139 100

109 50.0 53.1 93.1#

65 132.1 73.0 113.0#

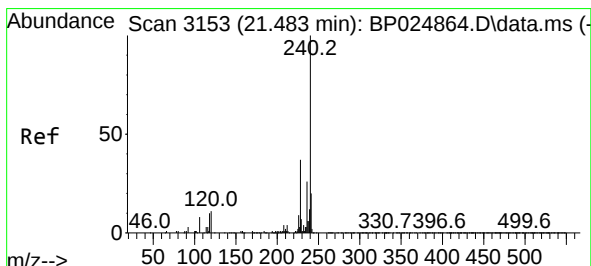
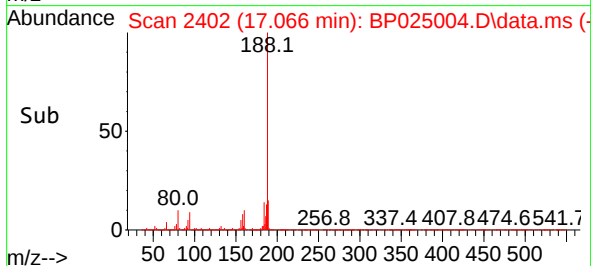
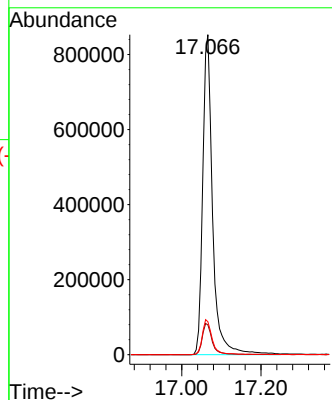
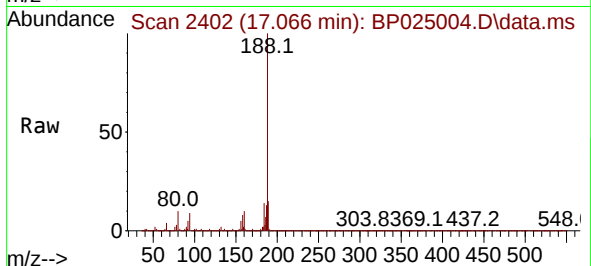




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP025004.D
Acq: 19 Jun 2025 16:57

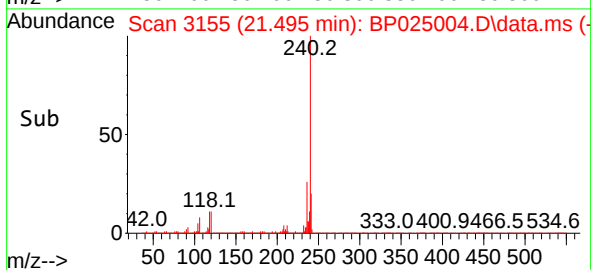
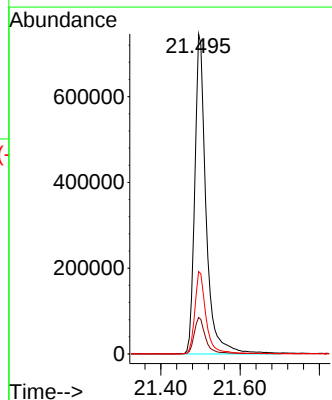
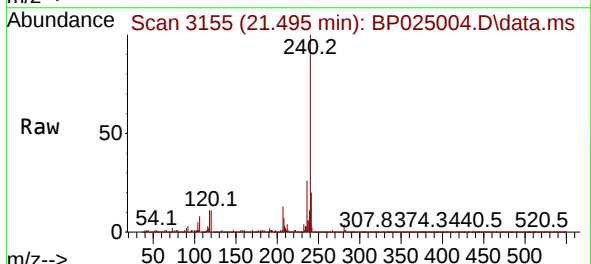
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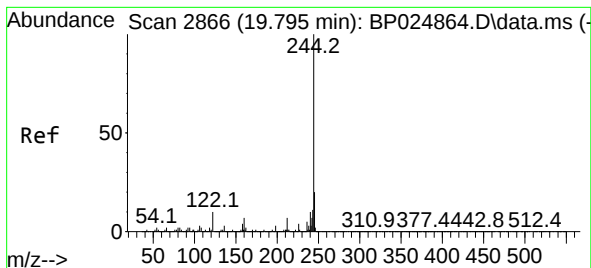
Tgt Ion:188 Resp: 1476422
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP025004.D
Acq: 19 Jun 2025 16:57

Tgt Ion:240 Resp: 1476723
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 86.768 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025004.D

Acq: 19 Jun 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB168556BL

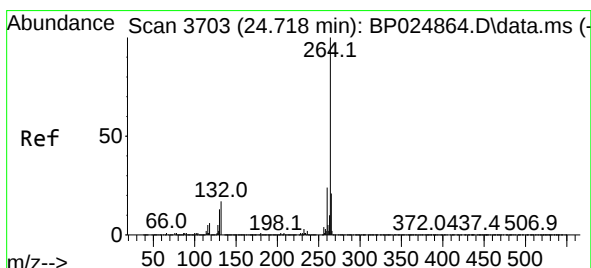
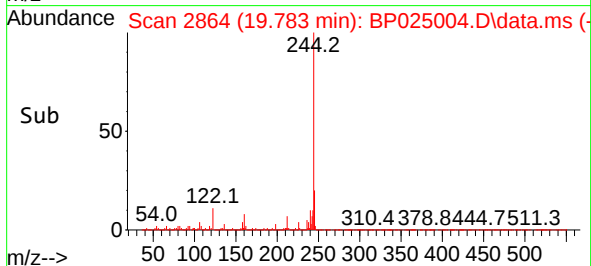
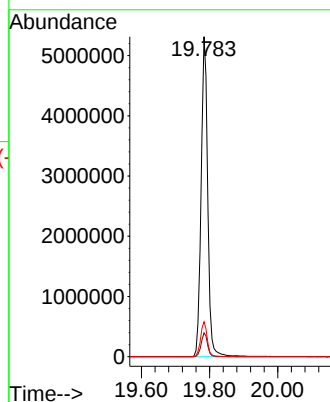
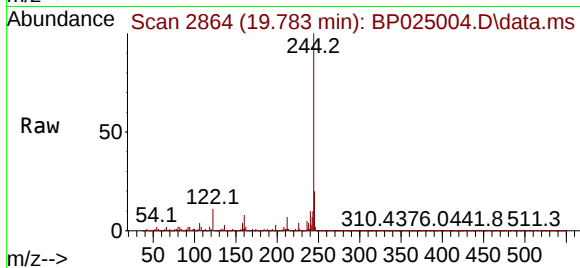
Tgt Ion:244 Resp: 7149224

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

122 10.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP025004.D

Acq: 19 Jun 2025 16:57

Tgt Ion:264 Resp: 1595497

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 22.2 17.4 26.0

