

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024991.D
 Acq On : 18 Jun 2025 12:39
 Operator : RC/JU
 Sample : PB168517BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168517BL

Quant Time: Jun 18 13:10:10 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)

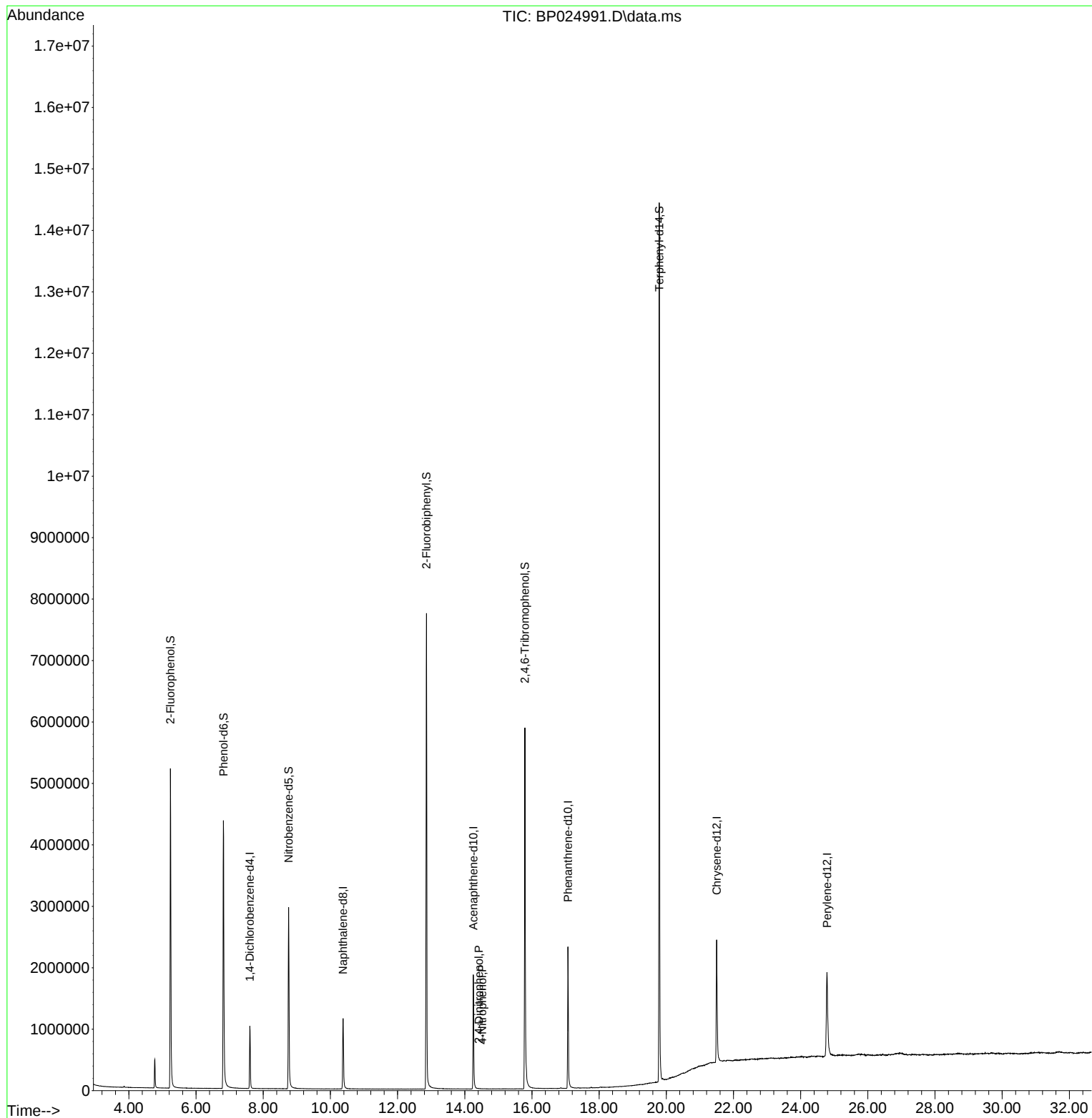
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	299323	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1140521	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	705507	20.000	ng	0.00
64) Phenanthrene-d10	17.072	188	1413155	20.000	ng	0.01
76) Chrysene-d12	21.501	240	1416636	20.000	ng	0.02
86) Perylene-d12	24.783	264	1579936	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2554676	142.464	ng	0.00
7) Phenol-d6	6.814	99	3126716	131.784	ng	0.00
23) Nitrobenzene-d5	8.755	82	1951736	83.156	ng	0.00
42) 2,4,6-Tribromophenol	15.790	330	1332187	136.578	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4239882	80.958	ng	0.00
79) Terphenyl-d14	19.789	244	6911843	87.445	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.419	184	57	5.571	ng	# 1
56) 4-Nitrophenol	14.519	139	126	5.421	ng	# 53

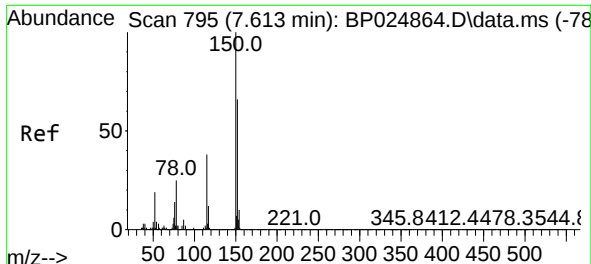
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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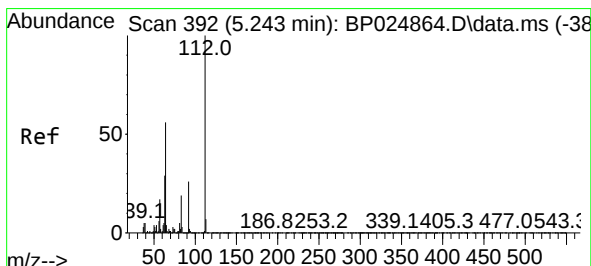
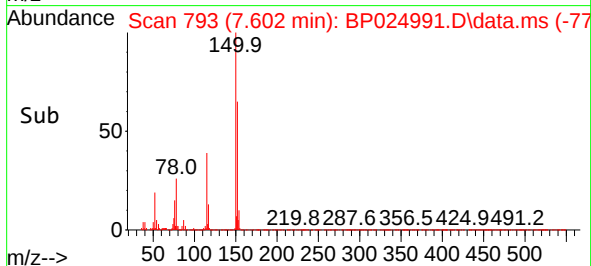
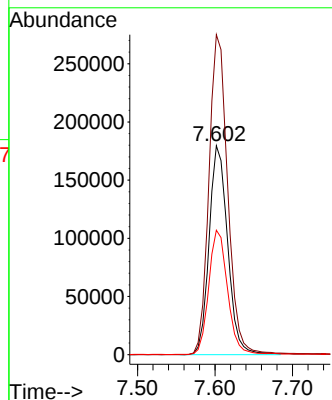
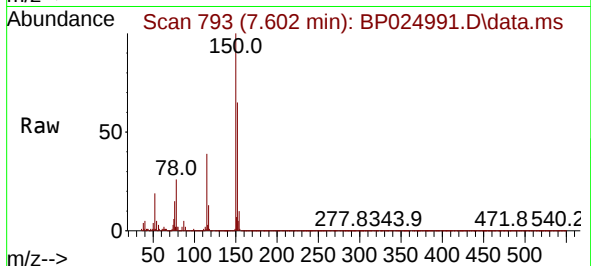




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

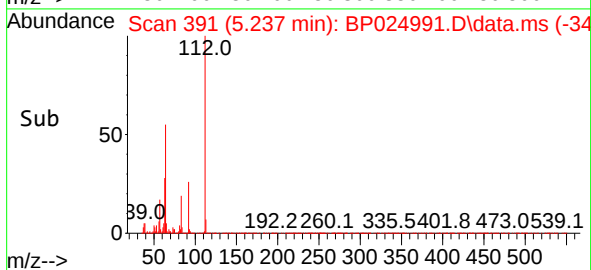
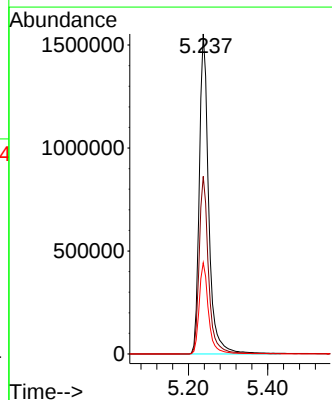
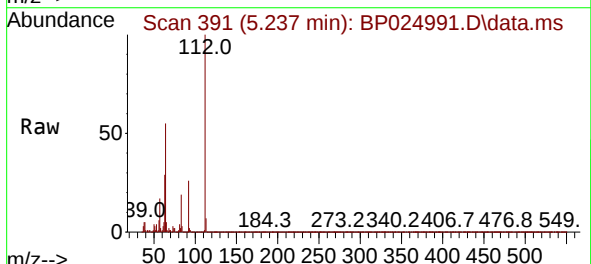
Instrument :
BNA_P
ClientSampleId :
PB168517BL

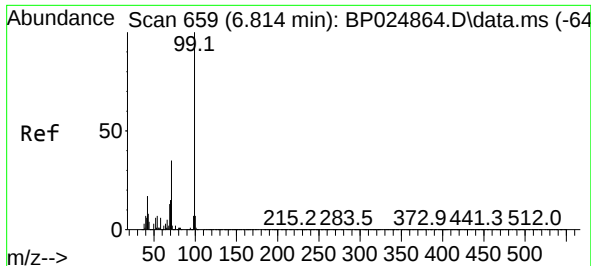
Tgt Ion:152 Resp: 299323
Ion Ratio Lower Upper
152 100
150 153.1 122.1 183.1
115 59.5 46.4 69.6



#5
2-Fluorophenol
Concen: 142.464 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

Tgt Ion:112 Resp: 2554676
Ion Ratio Lower Upper
112 100
64 55.5 44.7 67.1
63 28.5 23.5 35.3

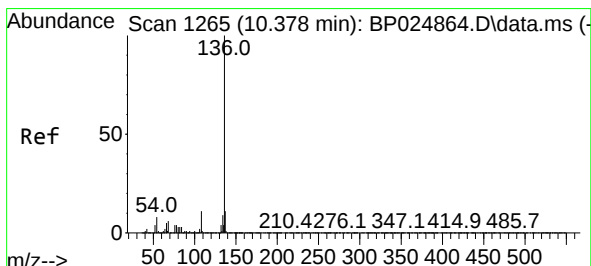
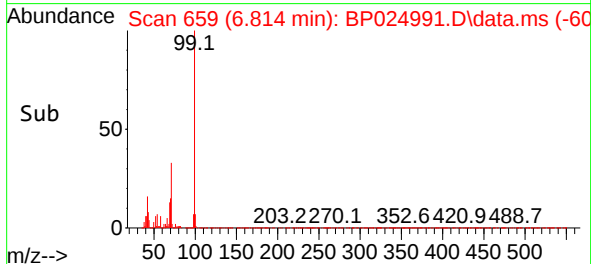
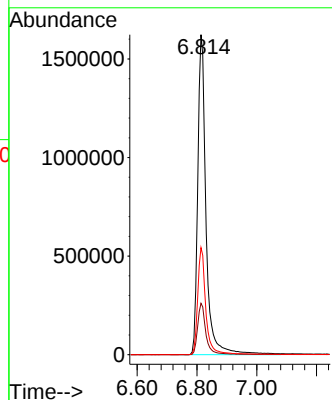
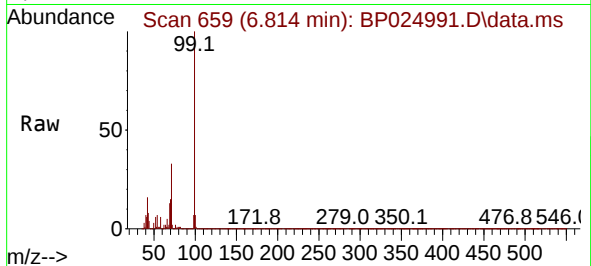




#7
Phenol-d6
Concen: 131.784 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

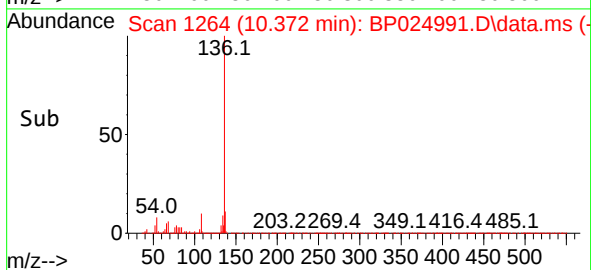
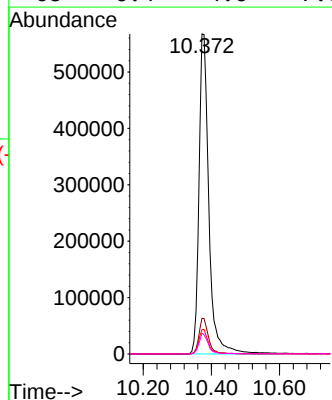
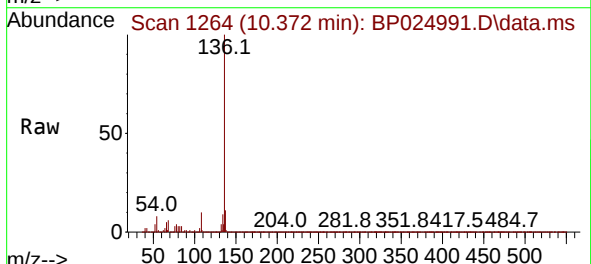
Instrument :
BNA_P
ClientSampleId :
PB168517BL

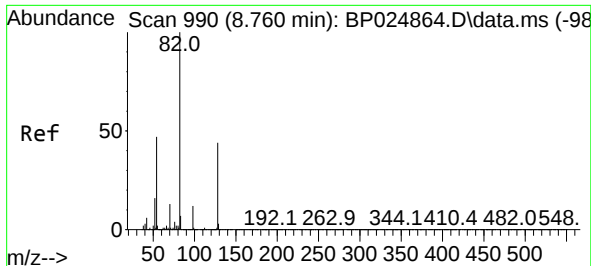
Tgt Ion: 99 Resp: 3126716
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 33.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

Tgt Ion:136 Resp: 1140521
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.1 9.1
68 6.4 4.6 7.0

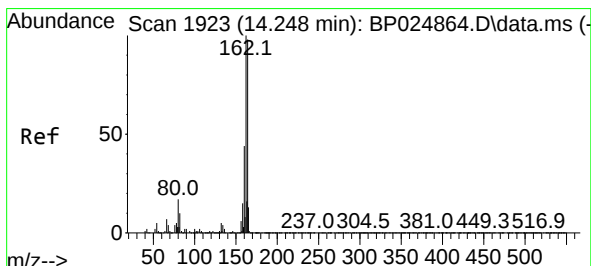
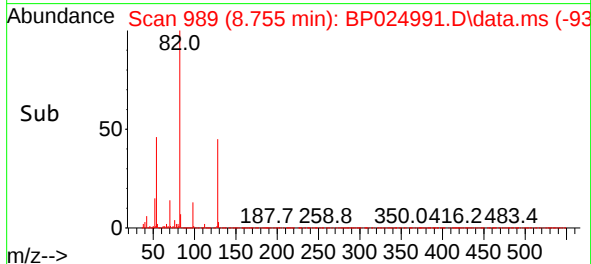
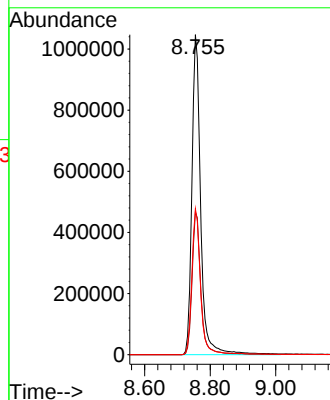
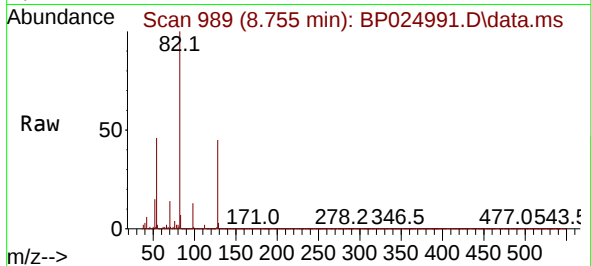




#23
Nitrobenzene-d5
Concen: 83.156 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

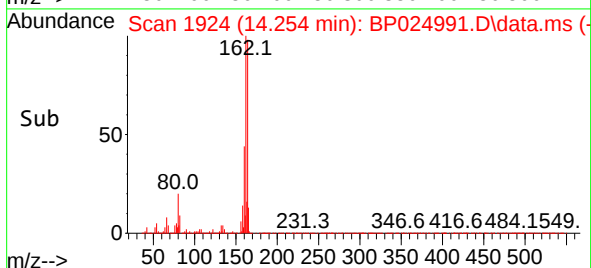
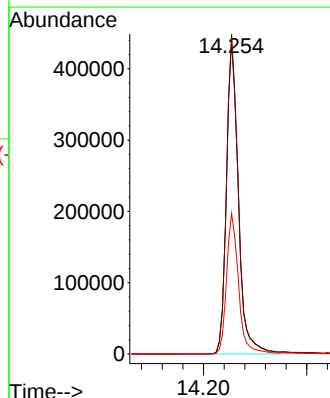
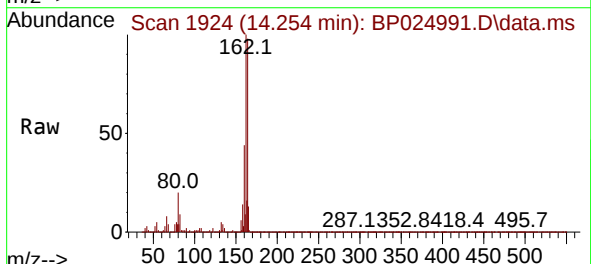
Instrument :
BNA_P
ClientSampleId :
PB168517BL

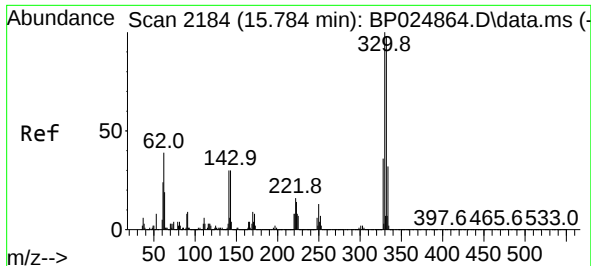
Tgt Ion: 82 Resp: 1951736
Ion Ratio Lower Upper
82 100
128 44.6 35.3 52.9
54 45.6 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

Tgt Ion:164 Resp: 705507
Ion Ratio Lower Upper
164 100
162 102.2 81.6 122.4
160 44.9 36.2 54.2

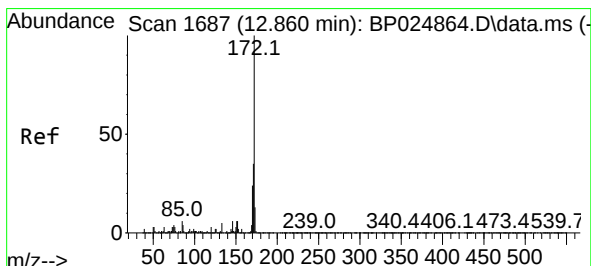
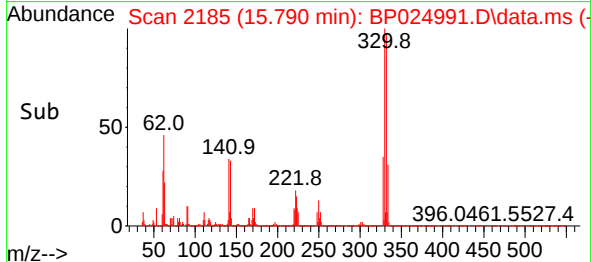
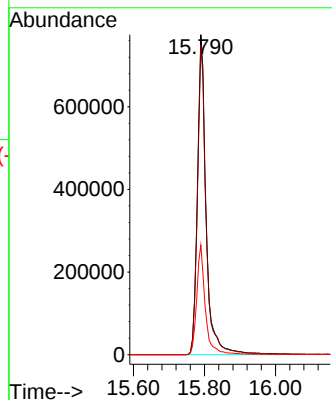
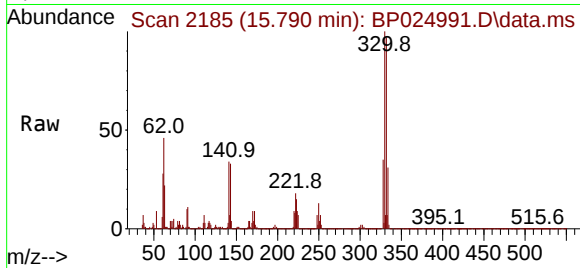




#42
2,4,6-Tribromophenol
Concen: 136.578 ng
RT: 15.790 min Scan# 2185
Delta R.T. 0.006 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

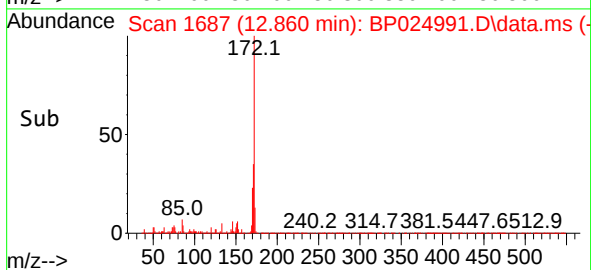
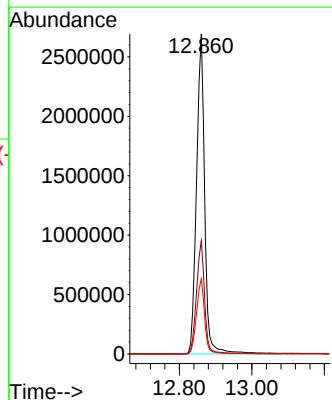
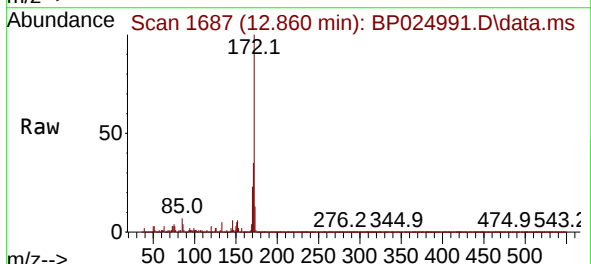
Instrument :
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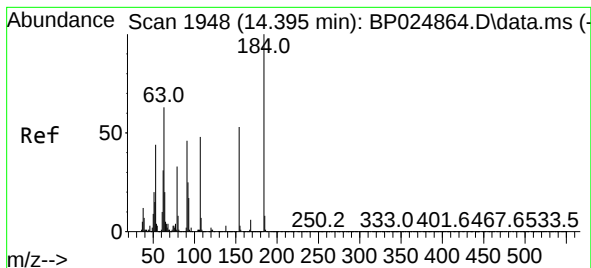
Tgt Ion:330 Resp: 1332187
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 33.7 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 80.958 ng
RT: 12.860 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

Tgt Ion:172 Resp: 4239882
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.571 ng

RT: 14.419 min Scan# 1952

Delta R.T. 0.024 min

Lab File: BP024991.D

Acq: 18 Jun 2025 12:39

Instrument :

BNA_P

ClientSampleId :

PB168517BL

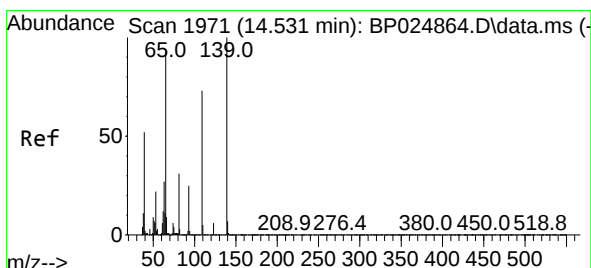
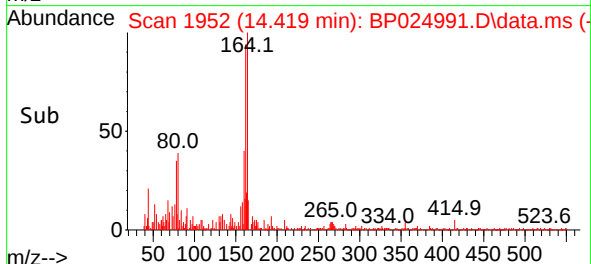
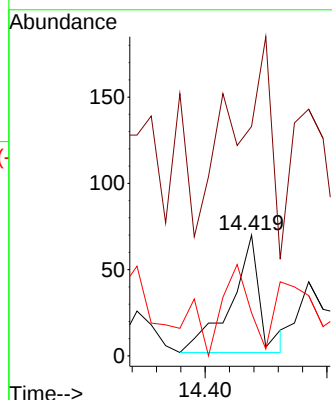
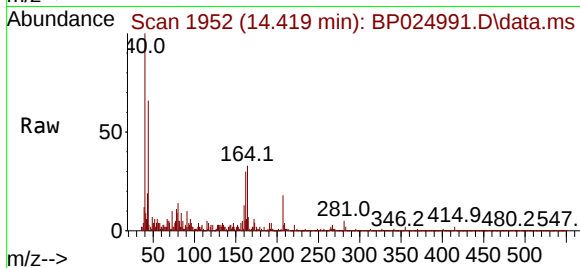
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 190.0 51.0 76.4#

154 35.7 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.421 ng

RT: 14.519 min Scan# 1969

Delta R.T. -0.012 min

Lab File: BP024991.D

Acq: 18 Jun 2025 12:39

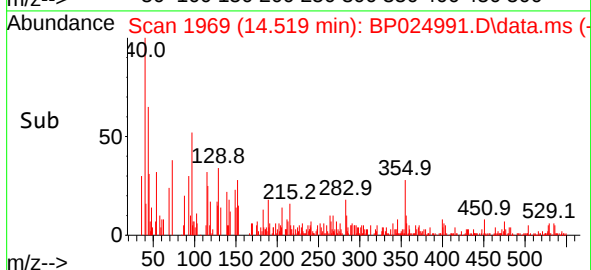
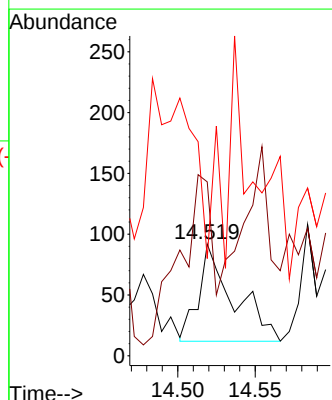
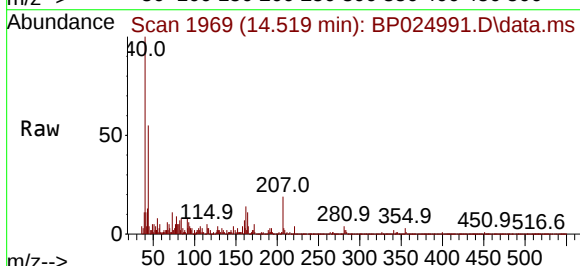
Tgt Ion:139 Resp: 126

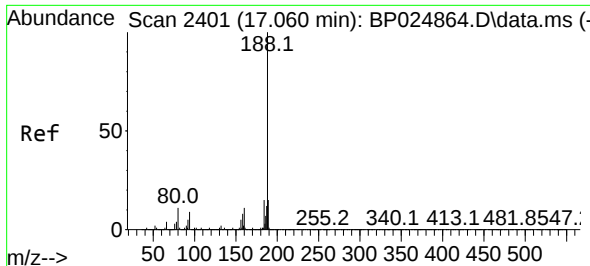
Ion Ratio Lower Upper

139 100

109 155.4 53.1 93.1#

65 87.0 73.0 113.0

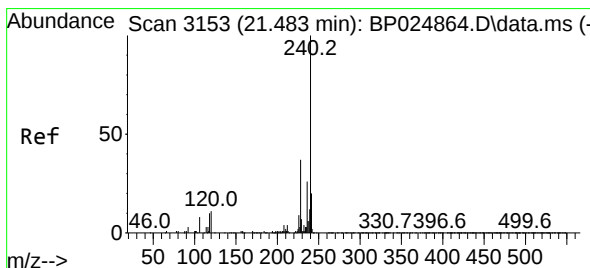
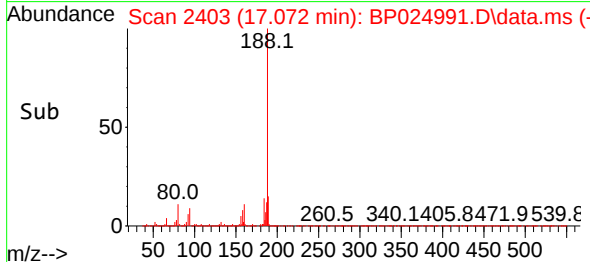
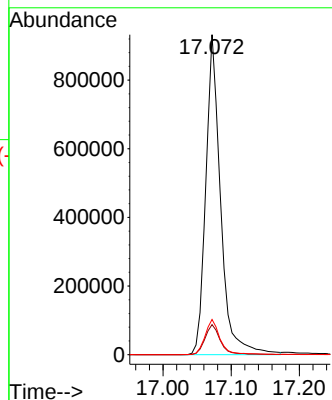
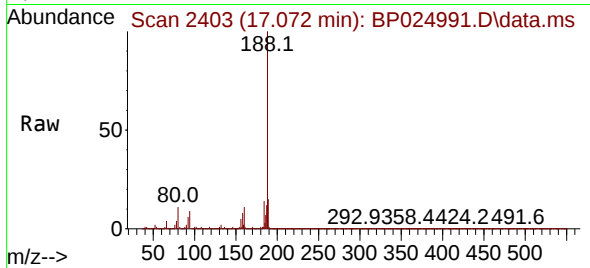




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.072 min Scan# 2403
Delta R.T. 0.012 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

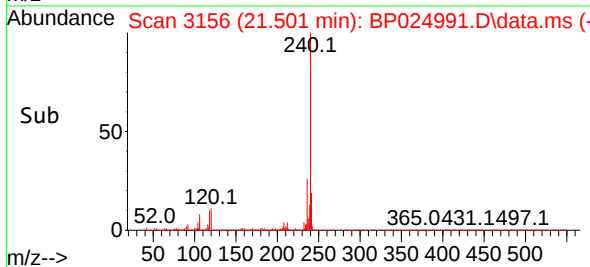
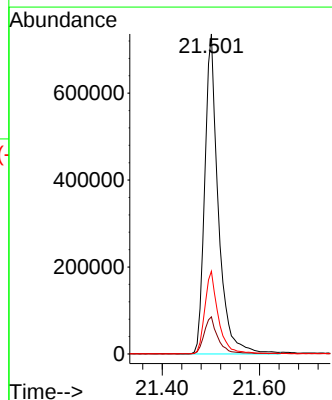
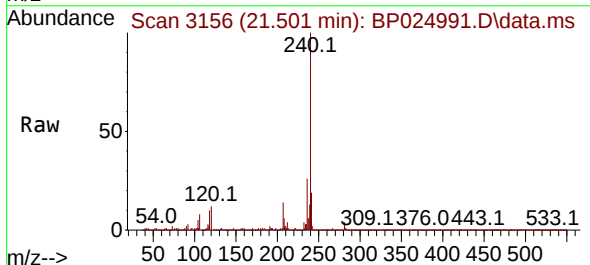
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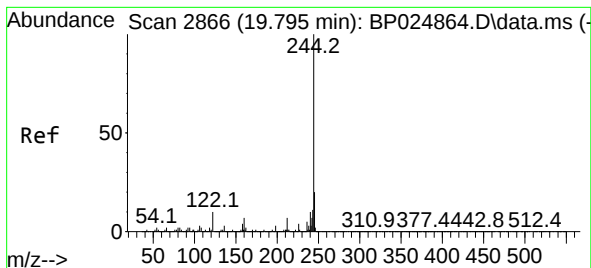
Tgt Ion:188 Resp: 1413155
Ion Ratio Lower Upper
188 100
94 9.4 7.3 10.9
80 11.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP024991.D
Acq: 18 Jun 2025 12:39

Tgt Ion:240 Resp: 1416636
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 87.445 ng

RT: 19.789 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024991.D

Acq: 18 Jun 2025 12:39

Instrument :

BNA_P

ClientSampleId :

PB168517BL

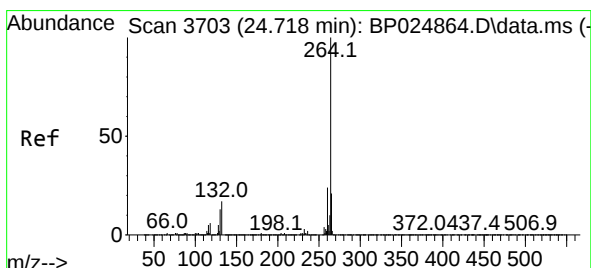
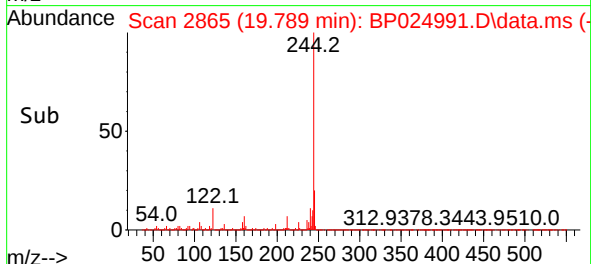
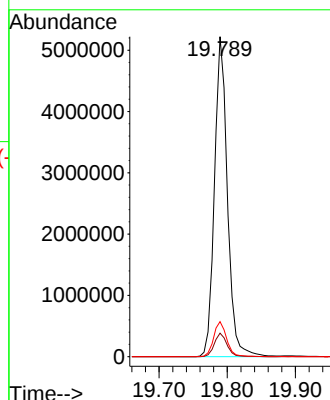
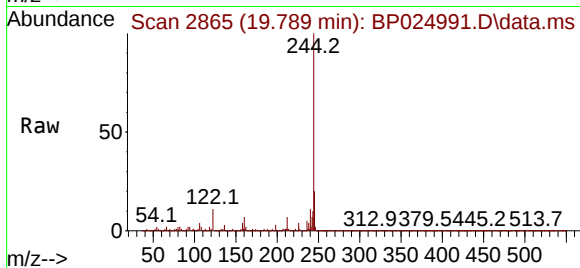
Tgt Ion:244 Resp: 6911843

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 11.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.783 min Scan# 3714

Delta R.T. 0.065 min

Lab File: BP024991.D

Acq: 18 Jun 2025 12:39

Tgt Ion:264 Resp: 1579936

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 22.1 17.4 26.0

