

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
 Data File : BP024975.D
 Acq On : 17 Jun 2025 14:44
 Operator : RC/JU
 Sample : Q2319-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-B

Quant Time: Jun 17 15:08:15 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)

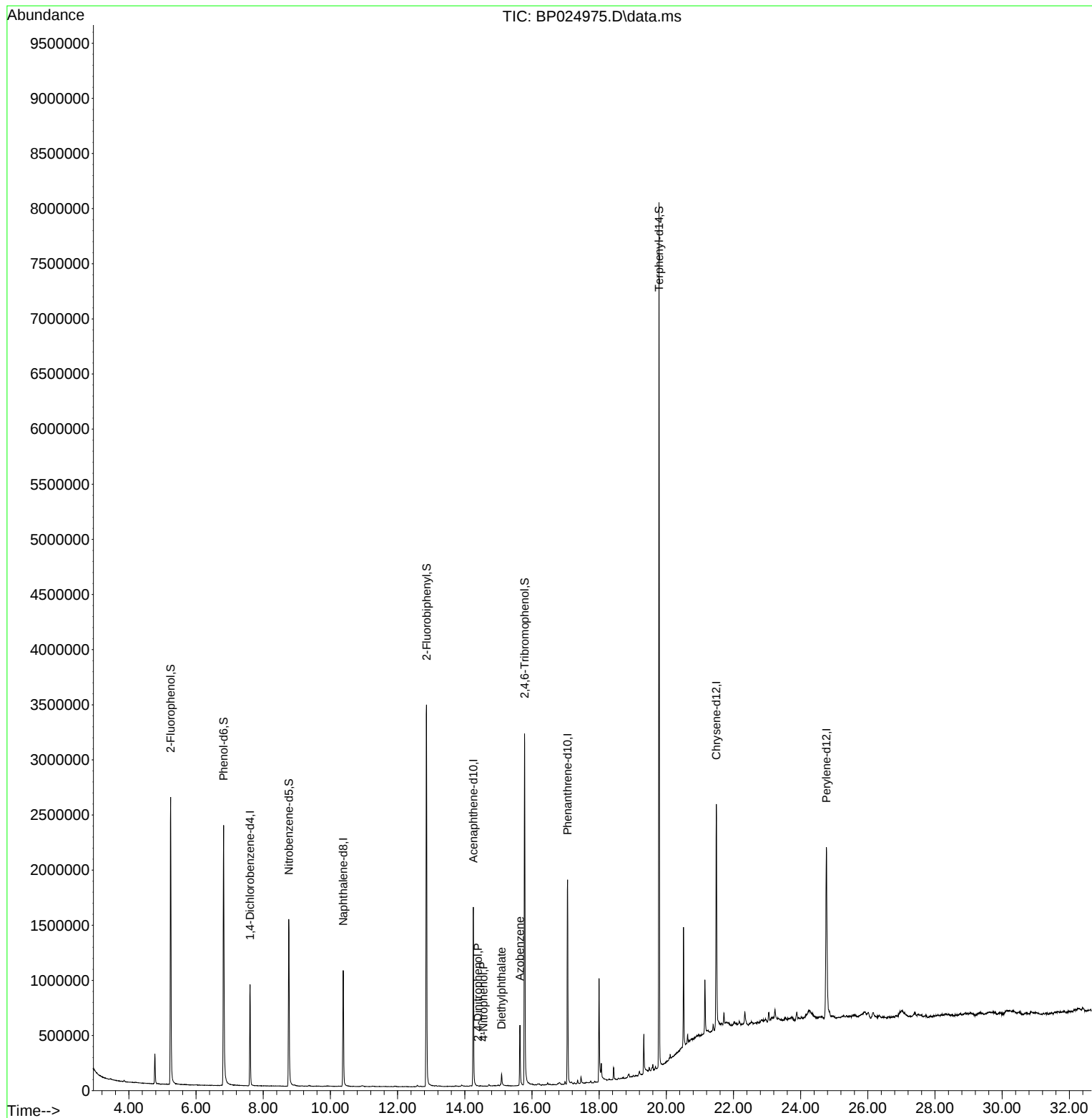
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	243609	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	939393	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	587924	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1165606	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1328104	20.000	ng	0.00
86) Perylene-d12	24.766	264	1540613	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1294304	88.685	ng	0.00
7) Phenol-d6	6.819	99	1655006	85.708	ng	0.00
23) Nitrobenzene-d5	8.761	82	985190	50.962	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	728737	89.654	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	1979217	45.350	ng	0.00
79) Terphenyl-d14	19.784	244	3532324	47.668	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.390	184	16	5.566	ng	# 1
56) 4-Nitrophenol	14.554	139	94	5.420	ng	# 1
60) Diethylphthalate	15.096	149	91297	2.112	ng	98
63) Azobenzene	15.643	77	160521	4.049	ng	# 1

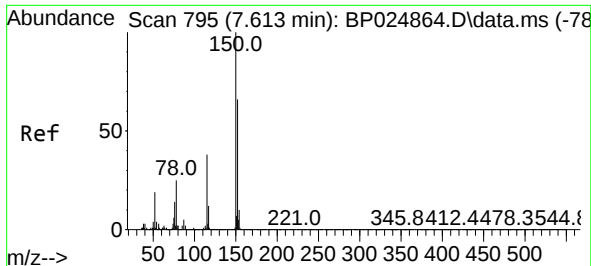
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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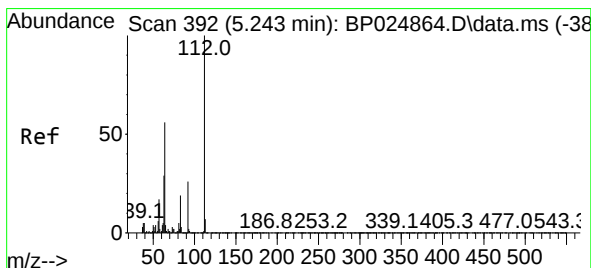
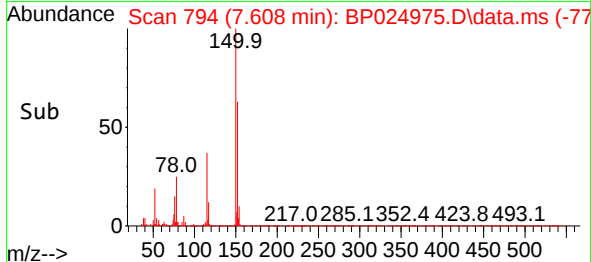
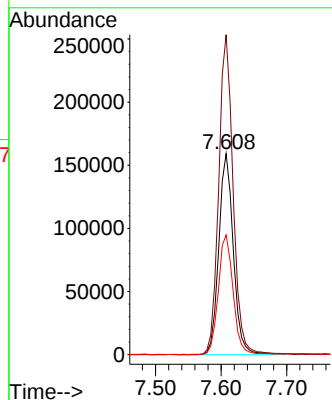
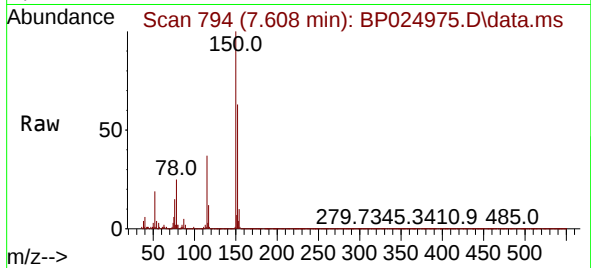




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

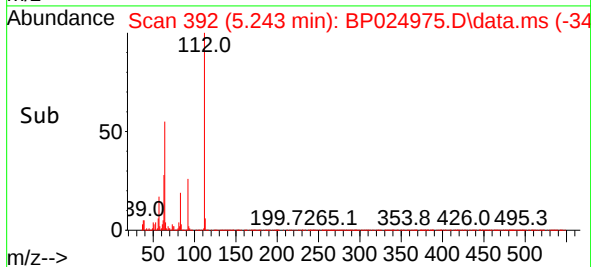
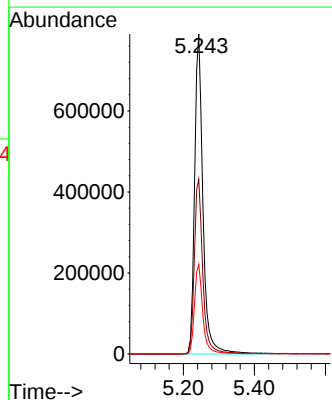
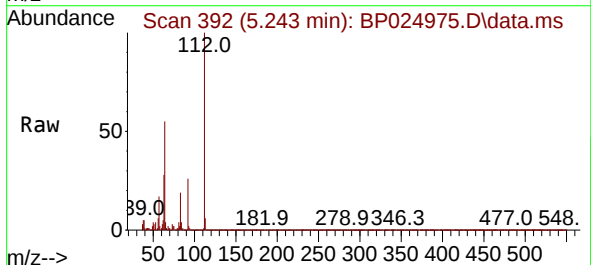
Instrument :
BNA_P
ClientSampleId :
MH-B

Tgt Ion:152 Resp: 243609
Ion Ratio Lower Upper
152 100
150 159.2 122.1 183.1
115 59.5 46.4 69.6



#5
2-Fluorophenol
Concen: 88.685 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

Tgt Ion:112 Resp: 1294304
Ion Ratio Lower Upper
112 100
64 54.6 44.7 67.1
63 28.0 23.5 35.3

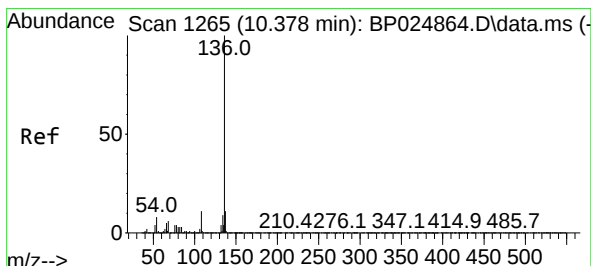
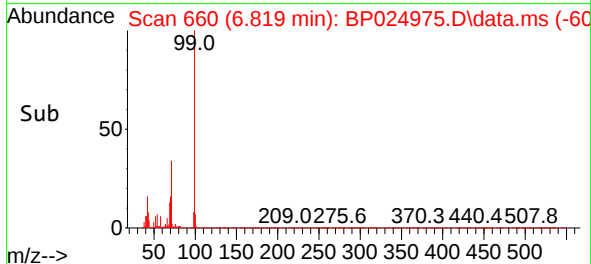
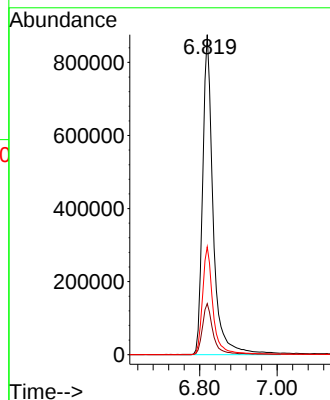
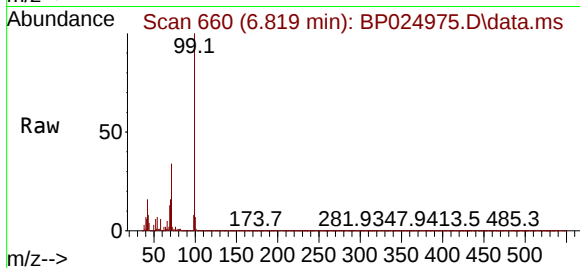




#7
Phenol-d6
Concen: 85.708 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

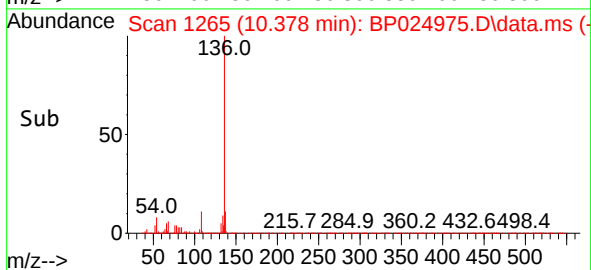
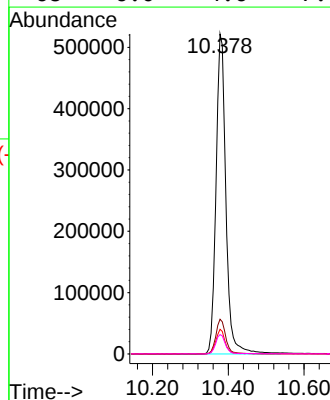
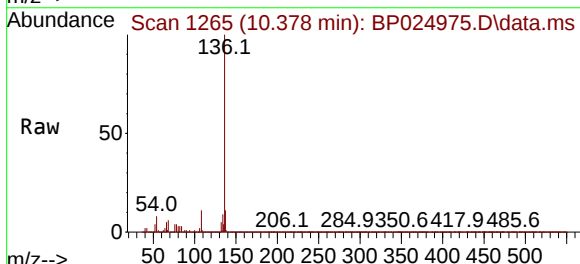
Instrument :
BNA_P
ClientSampleId :
MH-B

Tgt Ion: 99 Resp: 1655006
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 33.7 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: BP024975.D
Acq: 17 Jun 2025 14:44

Tgt Ion: 136 Resp: 939393
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.7 6.1 9.1
68 6.0 4.6 7.0

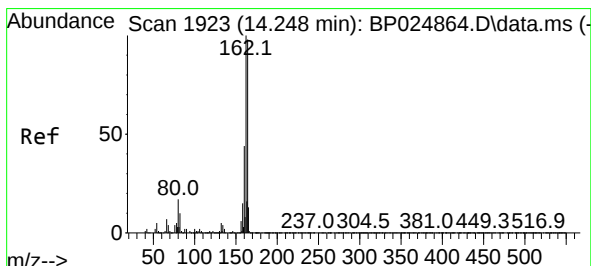
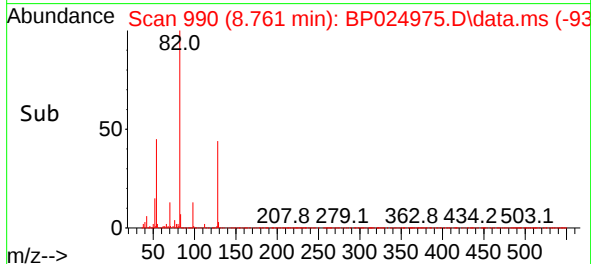
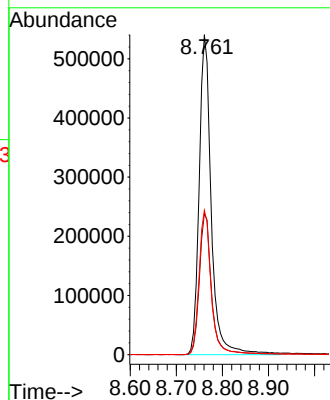
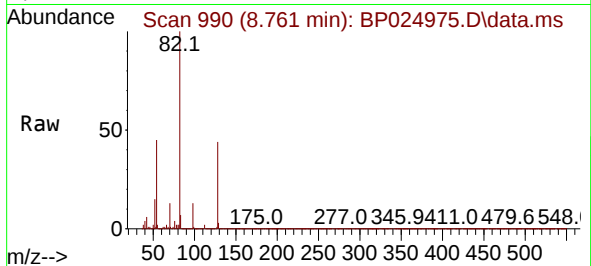




#23
Nitrobenzene-d5
Concen: 50.962 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

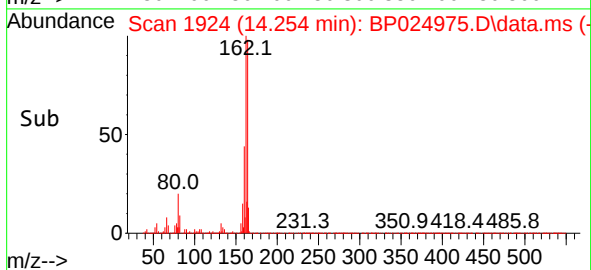
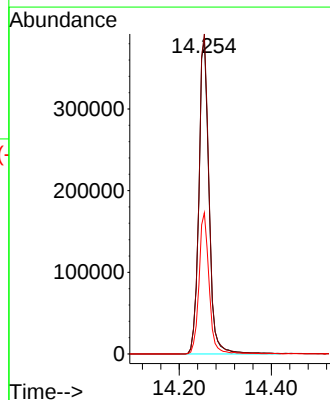
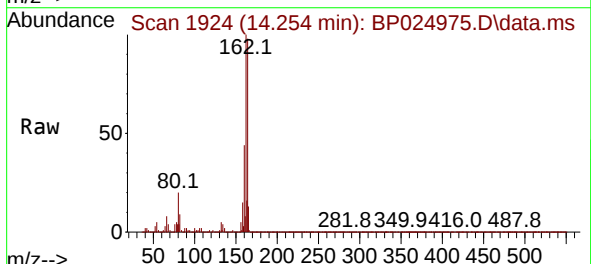
Instrument :
BNA_P
ClientSampleId :
MH-B

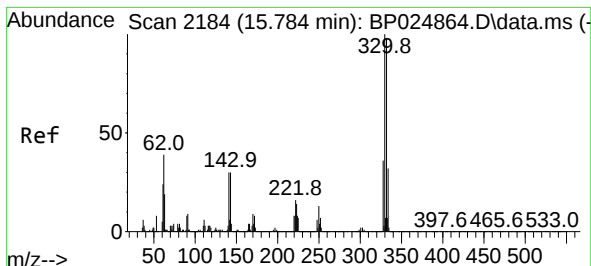
Tgt Ion: 82 Resp: 985190
Ion Ratio Lower Upper
82 100
128 44.1 35.3 52.9
54 45.2 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

Tgt Ion:164 Resp: 587924
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 44.8 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 89.654 ng

RT: 15.784 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BP024975.D

Acq: 17 Jun 2025 14:44

Instrument :

BNA_P

ClientSampleId :

MH-B

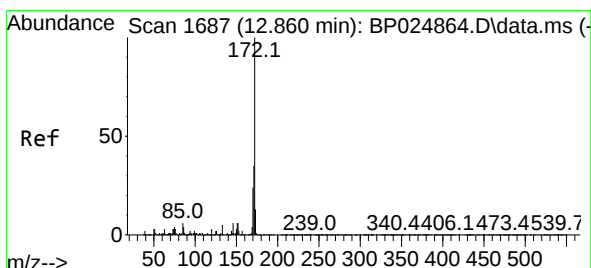
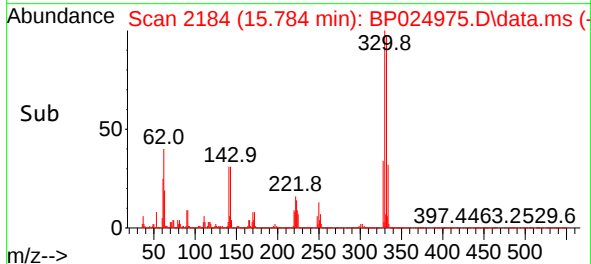
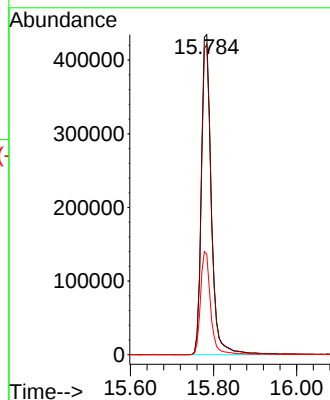
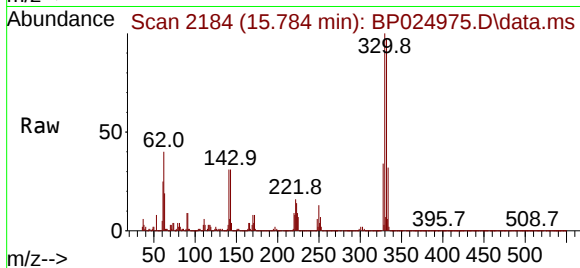
Tgt Ion:330 Resp: 728737

Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 32.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 45.350 ng

RT: 12.860 min Scan# 1687

Delta R.T. 0.000 min

Lab File: BP024975.D

Acq: 17 Jun 2025 14:44

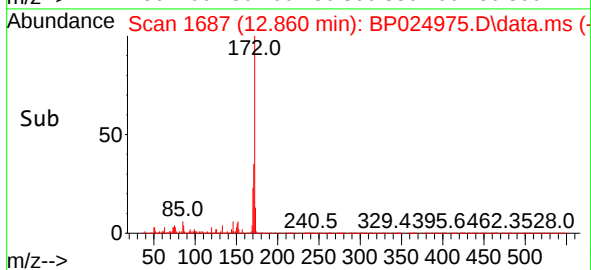
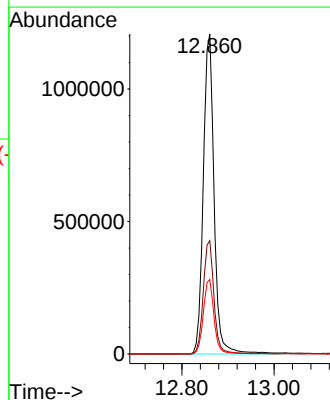
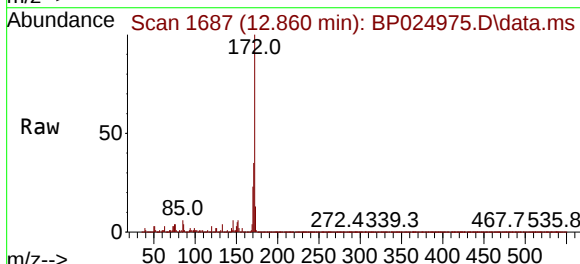
Tgt Ion:172 Resp: 1979217

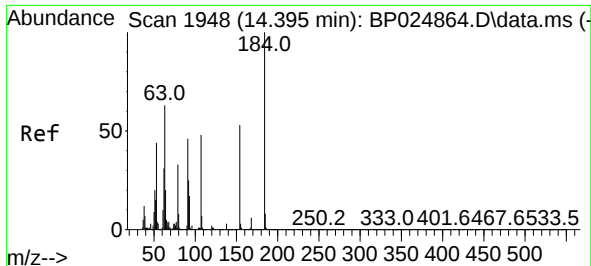
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.3 19.0 28.4

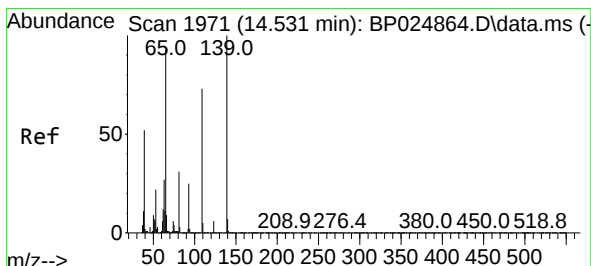
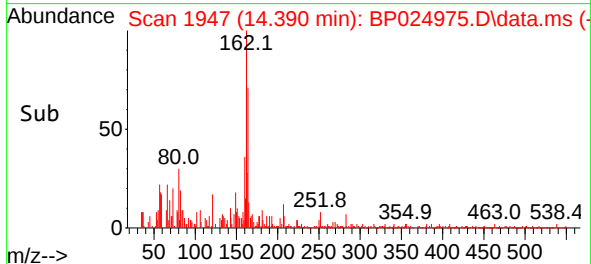
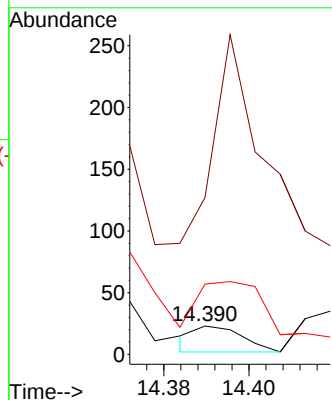
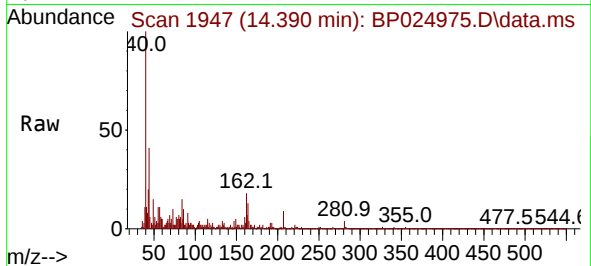




#54
2,4-Dinitrophenol
Concen: 5.566 ng
RT: 14.390 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

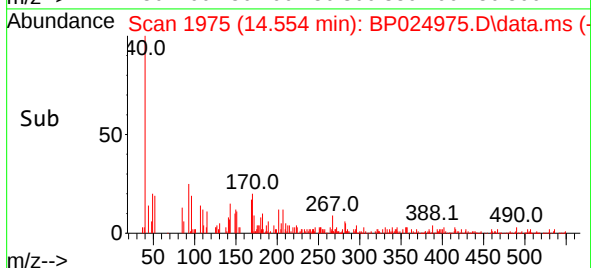
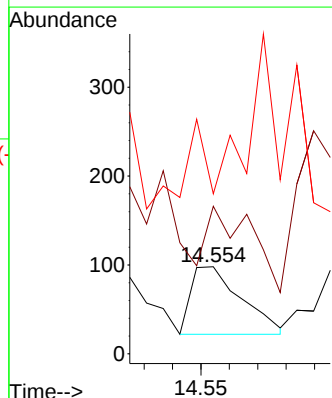
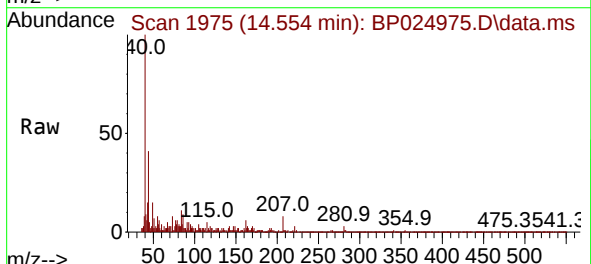
Instrument :
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MH-B

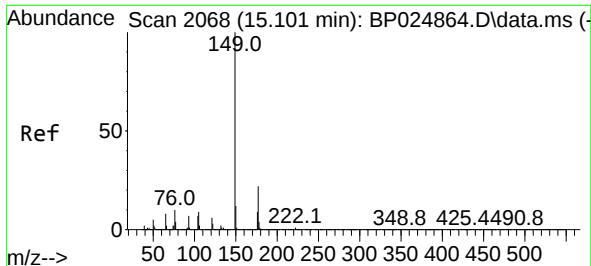
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 552.2 51.0 76.4#
154 247.8 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.420 ng
RT: 14.554 min Scan# 1975
Delta R.T. 0.023 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

Tgt Ion:139 Resp: 94
Ion Ratio Lower Upper
139 100
109 169.4 53.1 93.1#
65 183.7 73.0 113.0#

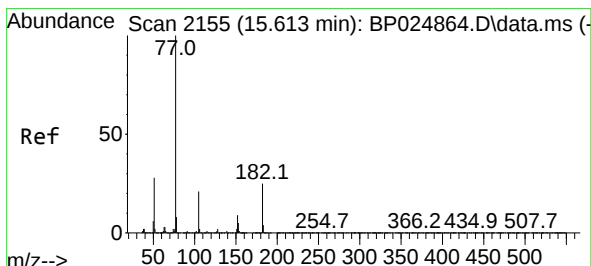
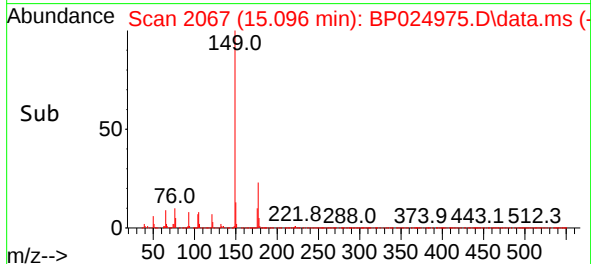
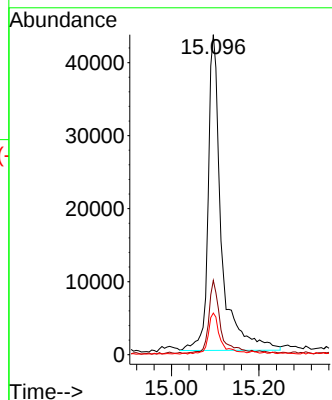
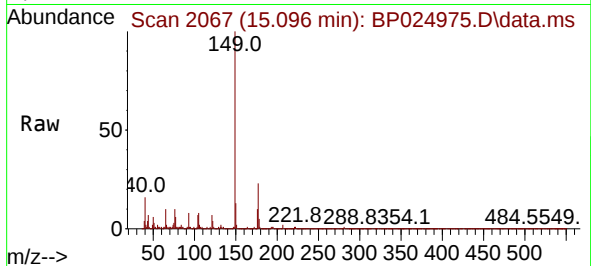




#60
Diethylphthalate
Concen: 2.112 ng
RT: 15.096 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

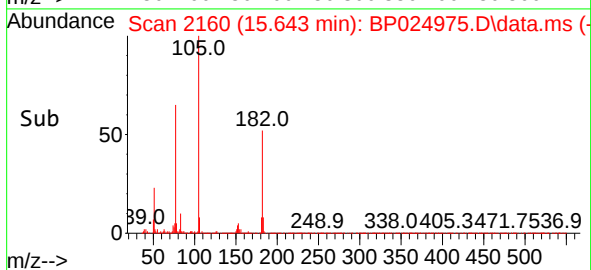
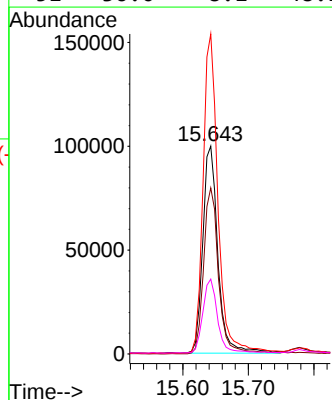
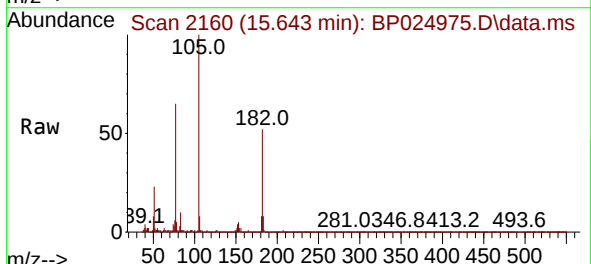
Instrument :
BNA_P
ClientSampleId :
MH-B

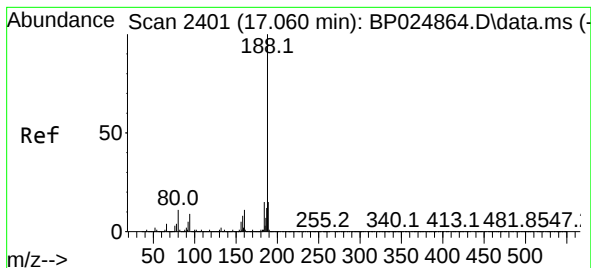
Tgt Ion:149 Resp: 91297
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 13.0 9.8 14.6



#63
Azobenzene
Concen: 4.049 ng
RT: 15.643 min Scan# 2160
Delta R.T. 0.030 min
Lab File: BP024975.D
Acq: 17 Jun 2025 14:44

Tgt Ion: 77 Resp: 160521
Ion Ratio Lower Upper
77 100
182 79.9 5.4 45.4#
105 154.0 0.8 40.8#
51 36.0 8.1 48.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.060 min Scan# 2401

Delta R.T. 0.000 min

Lab File: BP024975.D

Acq: 17 Jun 2025 14:44

Instrument :

BNA_P

ClientSampleId :

MH-B

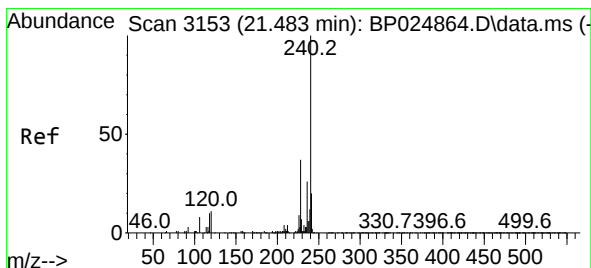
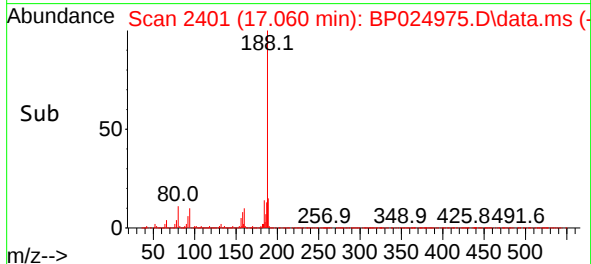
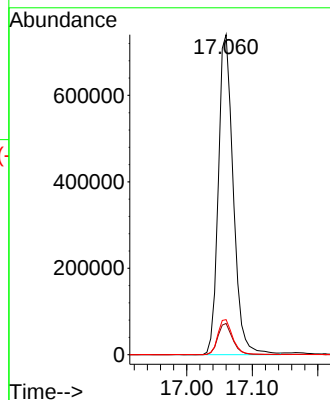
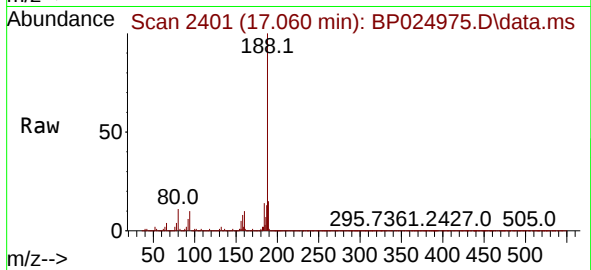
Tgt Ion:188 Resp: 1165606

Ion Ratio Lower Upper

188 100

94 9.8 7.3 10.9

80 11.0 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BP024975.D

Acq: 17 Jun 2025 14:44

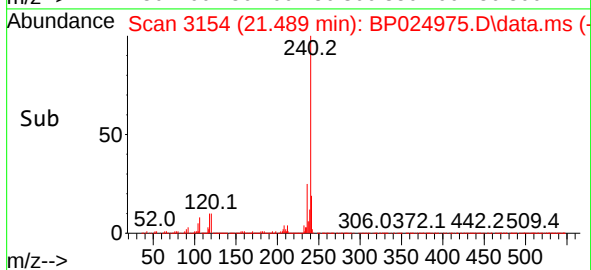
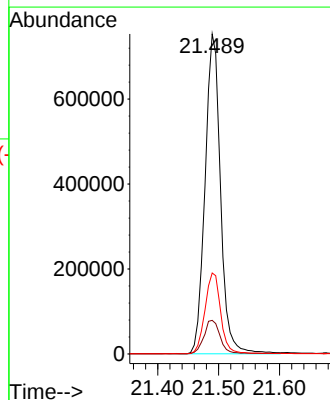
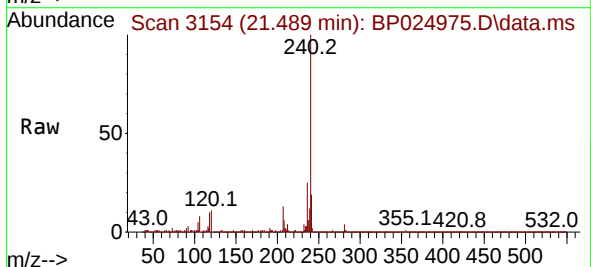
Tgt Ion:240 Resp: 1328104

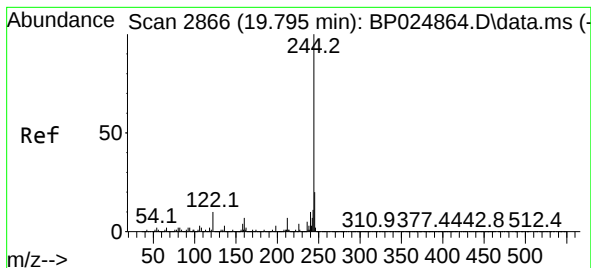
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 47.668 ng

RT: 19.784 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024975.D

Acq: 17 Jun 2025 14:44

Instrument :

BNA_P

ClientSampleId :

MH-B

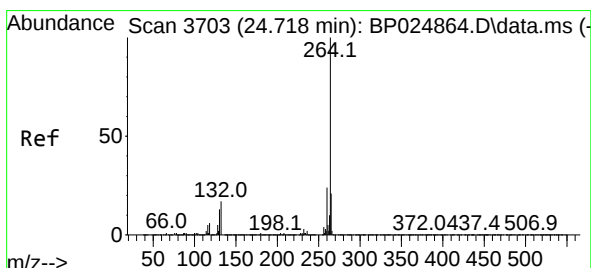
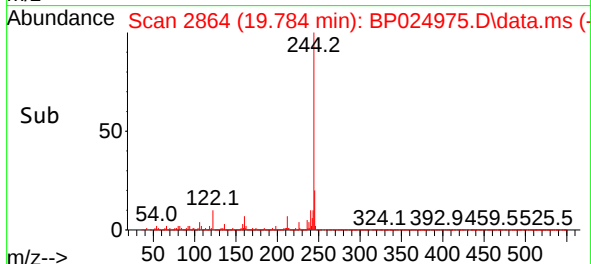
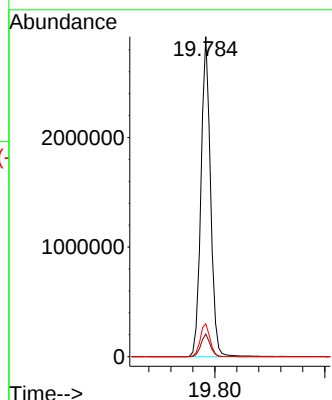
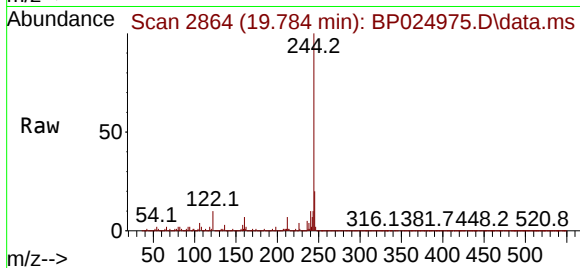
Tgt Ion:244 Resp: 3532324

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.3 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.766 min Scan# 3711

Delta R.T. 0.047 min

Lab File: BP024975.D

Acq: 17 Jun 2025 14:44

Tgt Ion:264 Resp: 1540613

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.4 17.4 26.0

