

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
 Data File : BP024983.D
 Acq On : 17 Jun 2025 20:10
 Operator : RC/JU
 Sample : Q2340-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP05-MH17A-WC

Quant Time: Jun 18 01:12:34 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)

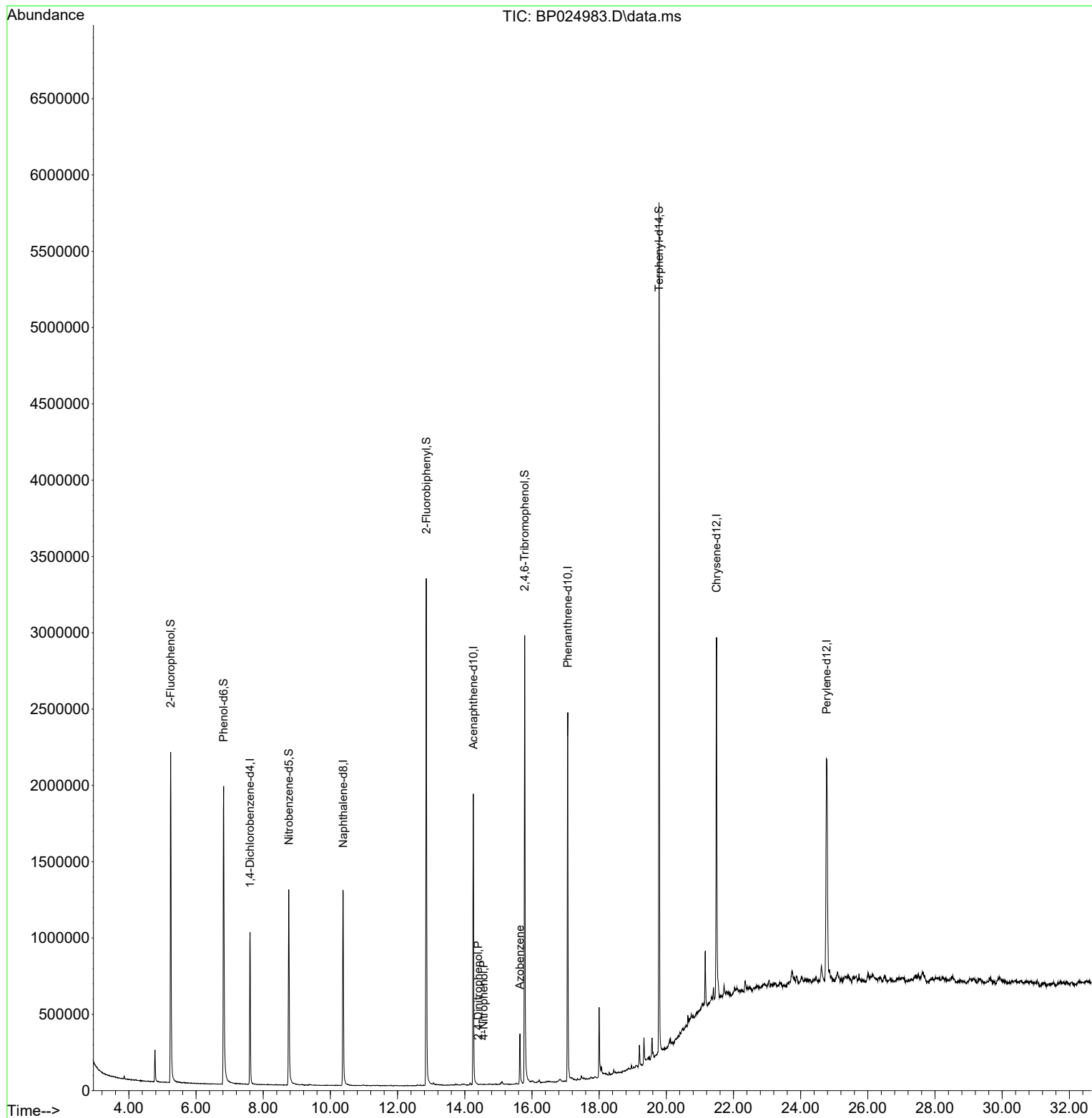
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	284989	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1159775	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	742057	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1398581	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1449693	20.000	ng	0.01
86) Perylene-d12	24.771	264	1668433	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1124992	65.892	ng	0.00
7) Phenol-d6	6.819	99	1484283	65.706	ng	0.00
23) Nitrobenzene-d5	8.760	82	871567	36.518	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	641451	62.524	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	1800034	32.678	ng	0.00
79) Terphenyl-d14	19.783	244	2798667	34.600	ng	-0.01
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.401	184	21	5.566	ng	# 1
56) 4-Nitrophenol	14.560	139	221	5.429	ng	# 25
63) Azobenzene	15.642	77	116456	2.328	ng	# 1

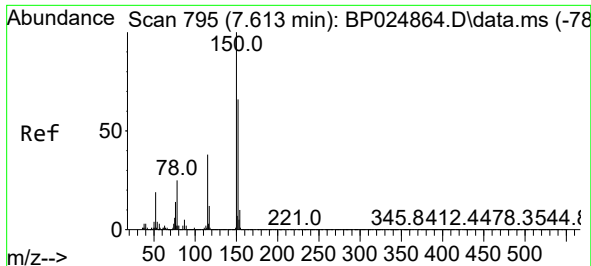
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
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Operator : RC/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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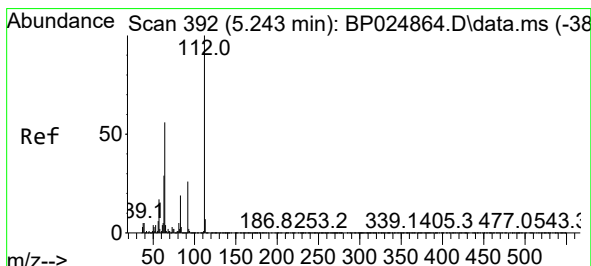
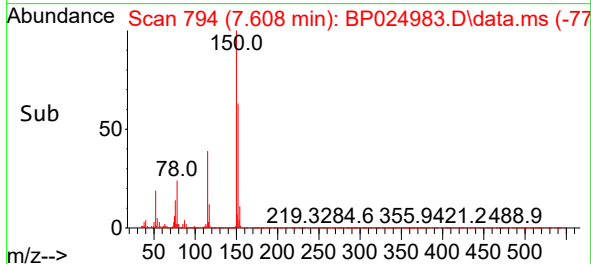
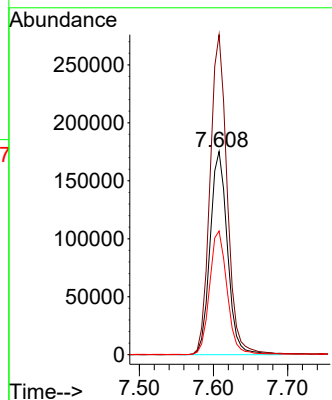
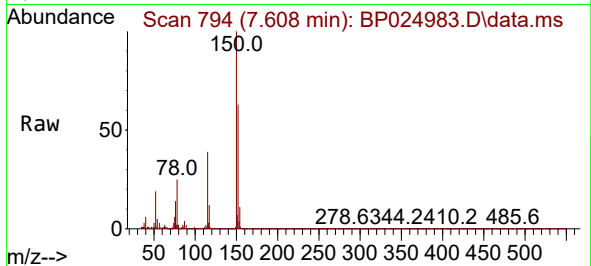




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 794
Delta R.T. -0.005 min
Lab File: BP024983.D
Acq: 17 Jun 2025 20:10

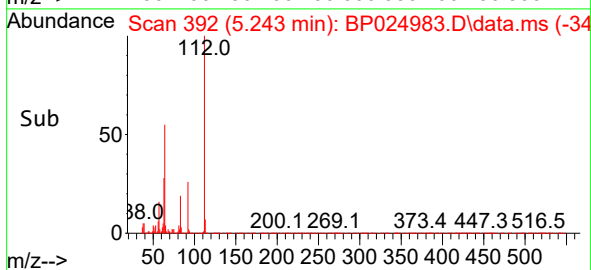
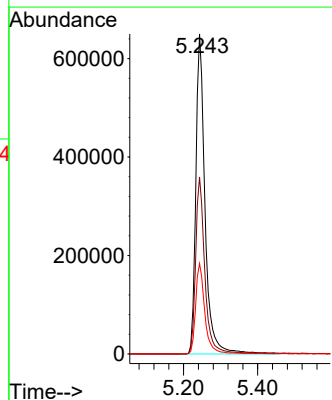
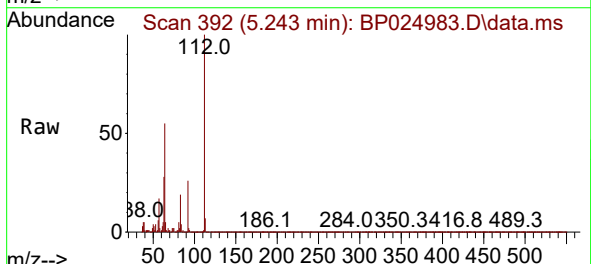
Instrument :
BNA_P
ClientSampleId :
TP05-MH17A-WC

Tgt Ion:152 Resp: 284989
Ion Ratio Lower Upper
152 100
150 157.5 122.1 183.1
115 60.9 46.4 69.6



#5
2-Fluorophenol
Concen: 65.892 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024983.D
Acq: 17 Jun 2025 20:10

Tgt Ion:112 Resp: 1124992
Ion Ratio Lower Upper
112 100
64 55.3 44.7 67.1
63 28.2 23.5 35.3

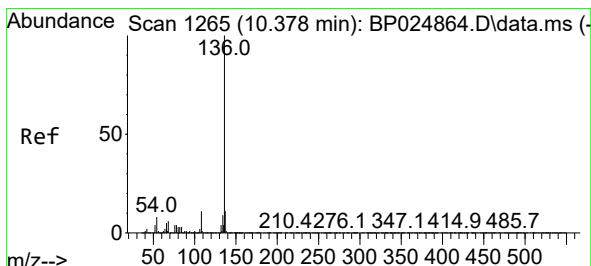
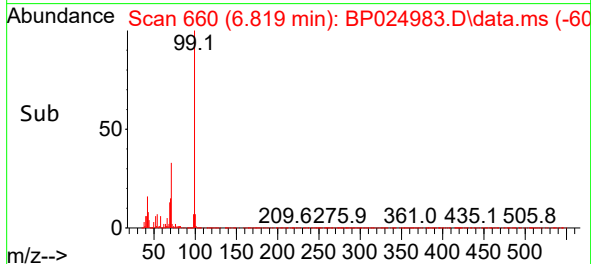
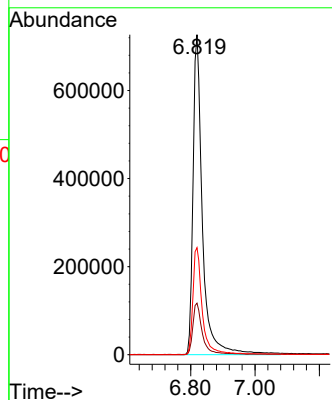
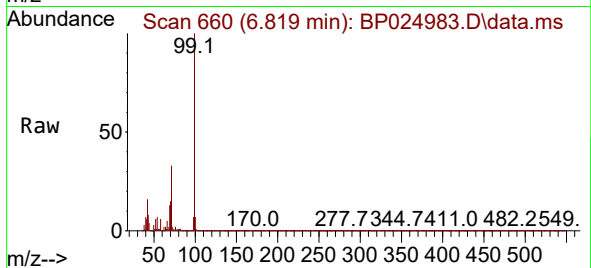




#7
Phenol-d6
Concen: 65.706 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024983.D
Acq: 17 Jun 2025 20:10

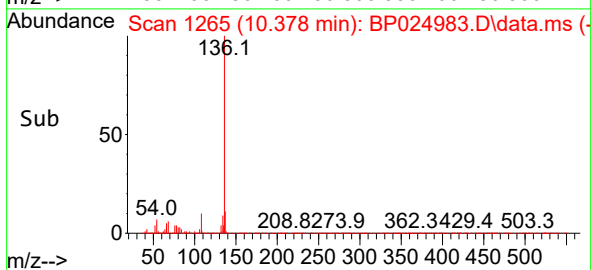
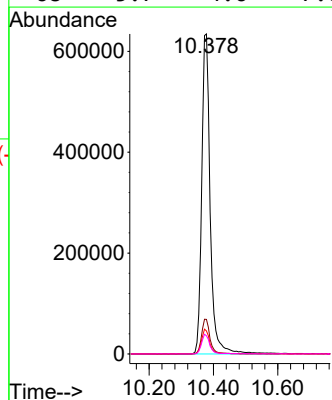
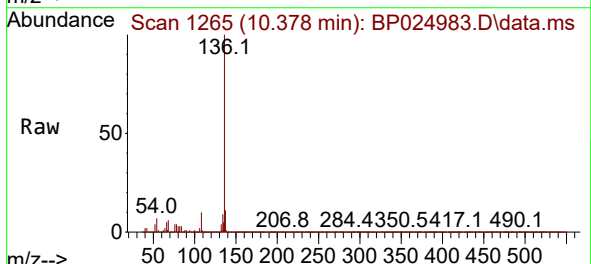
Instrument :
BNA_P
ClientSampleId :
TP05-MH17A-WC

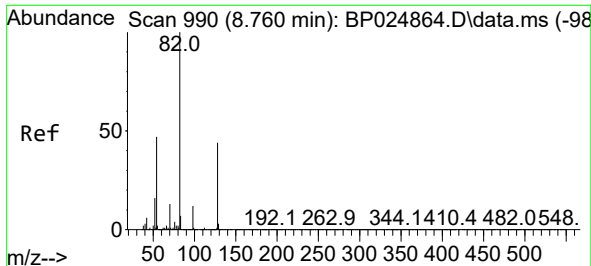
Tgt Ion: 99 Resp: 1484283
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 33.5 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024983.D
Acq: 17 Jun 2025 20:10

Tgt Ion: 136 Resp: 1159775
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.2 6.1 9.1
68 5.7 4.6 7.0

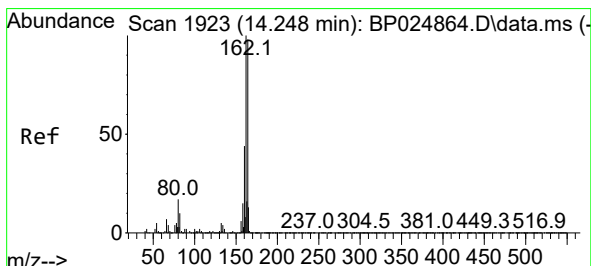
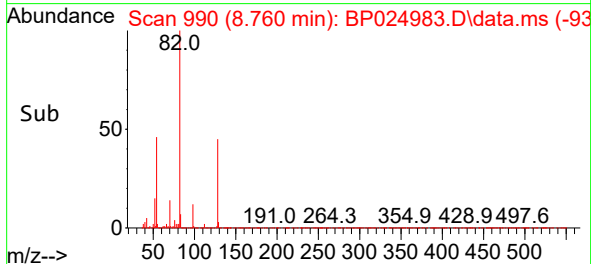
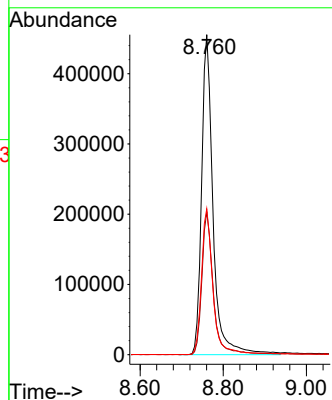
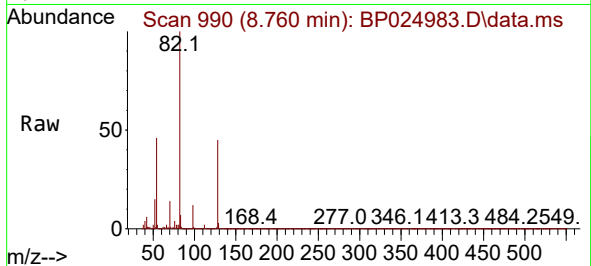




#23
Nitrobenzene-d5
Concen: 36.518 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024983.D
Acq: 17 Jun 2025 20:10

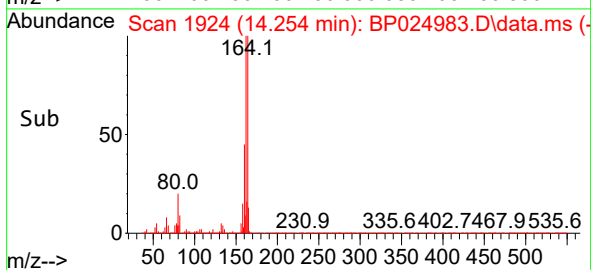
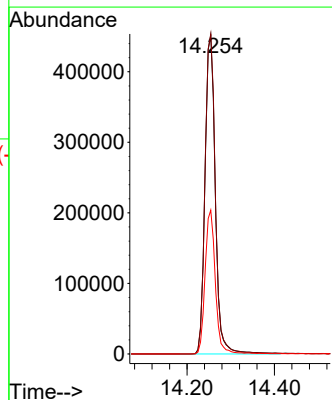
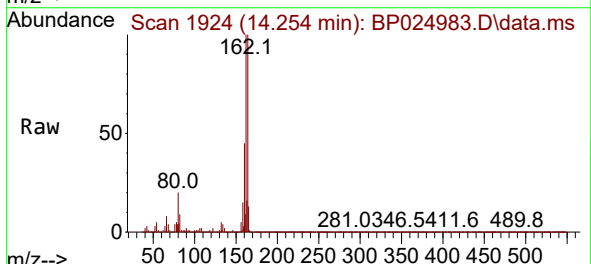
Instrument :
BNA_P
ClientSampleId :
TP05-MH17A-WC

Tgt Ion: 82 Resp: 871567
Ion Ratio Lower Upper
82 100
128 44.7 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: BP024983.D
Acq: 17 Jun 2025 20:10

Tgt Ion:164 Resp: 742057
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 45.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 62.524 ng

RT: 15.784 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BP024983.D

Acq: 17 Jun 2025 20:10

Instrument :

BNA_P

ClientSampleId :

TP05-MH17A-WC

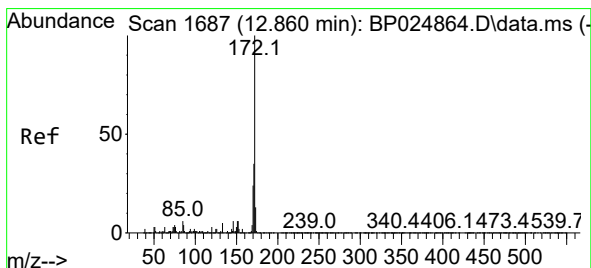
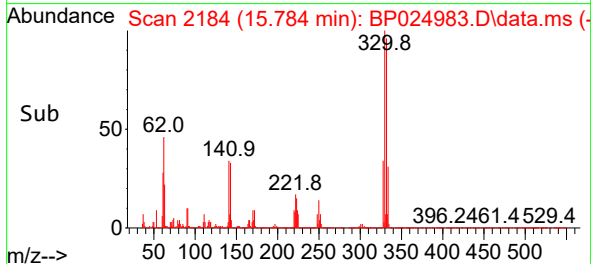
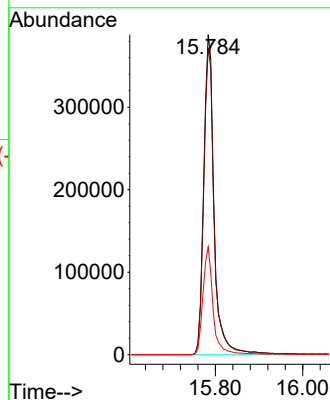
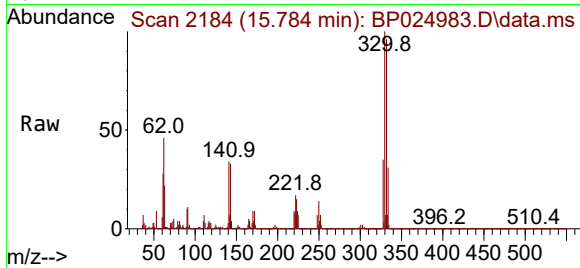
Tgt Ion:330 Resp: 641451

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 32.9 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 32.678 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024983.D

Acq: 17 Jun 2025 20:10

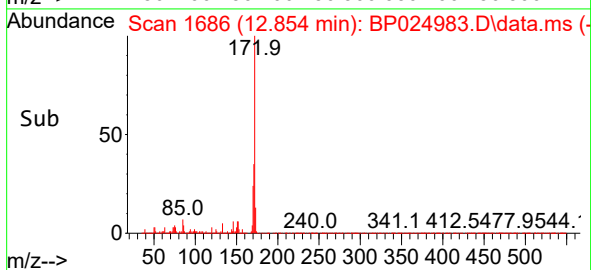
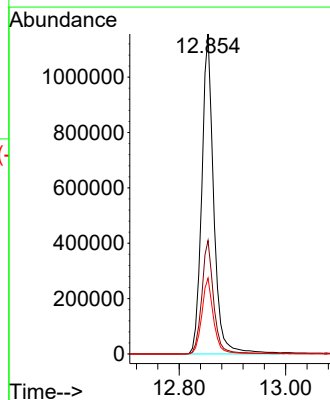
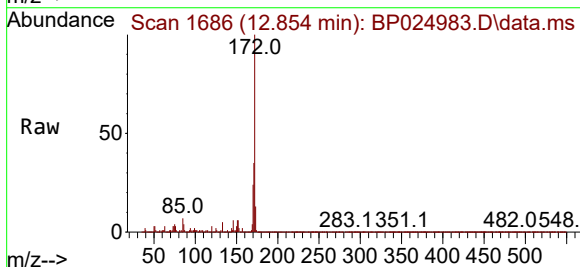
Tgt Ion:172 Resp: 1800034

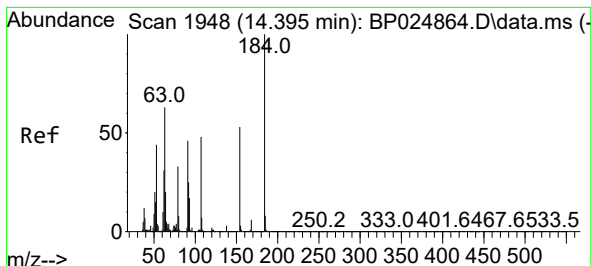
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.566 ng

RT: 14.401 min Scan# 1949

Delta R.T. 0.006 min

Lab File: BP024983.D

Acq: 17 Jun 2025 20:10

Instrument :

BNA_P

ClientSampleId :

TP05-MH17A-WC

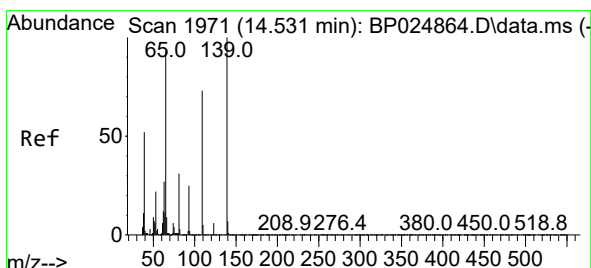
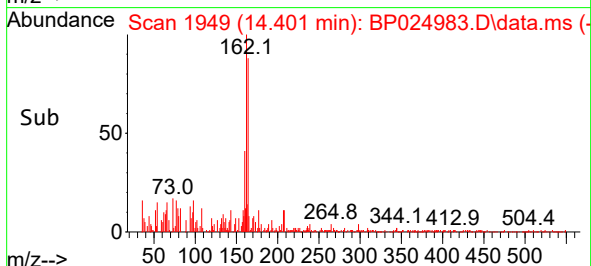
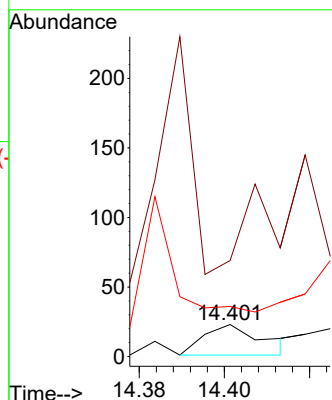
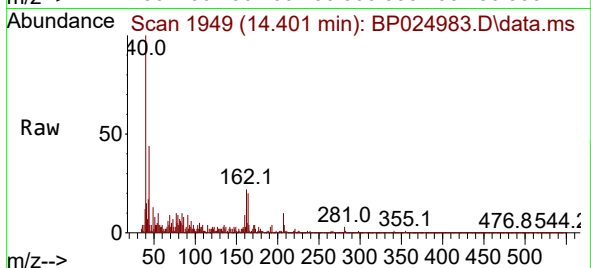
Tgt Ion:184 Resp: 21

Ion Ratio Lower Upper

184 100

63 300.0 51.0 76.4#

154 156.5 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.429 ng

RT: 14.560 min Scan# 1976

Delta R.T. 0.029 min

Lab File: BP024983.D

Acq: 17 Jun 2025 20:10

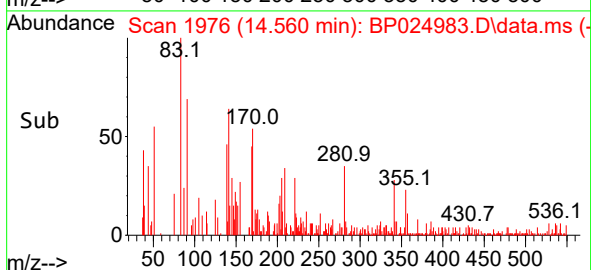
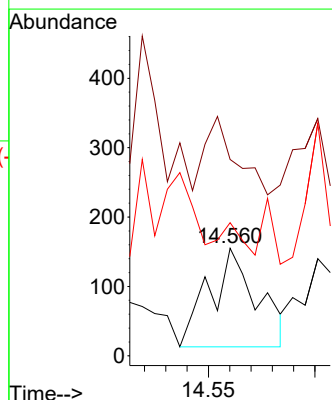
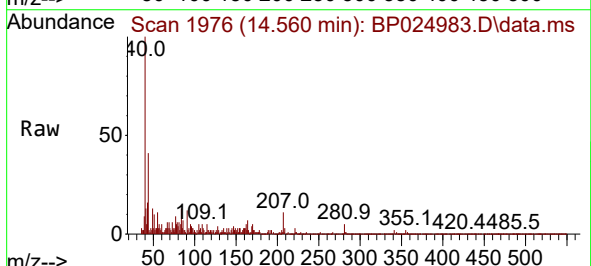
Tgt Ion:139 Resp: 221

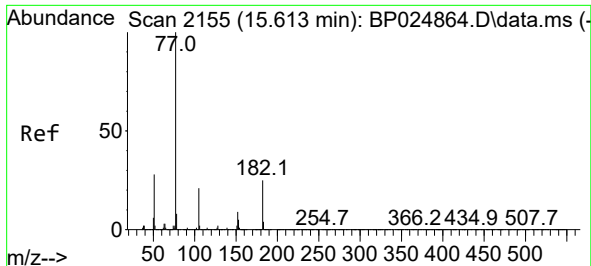
Ion Ratio Lower Upper

139 100

109 182.6 53.1 93.1#

65 123.9 73.0 113.0#

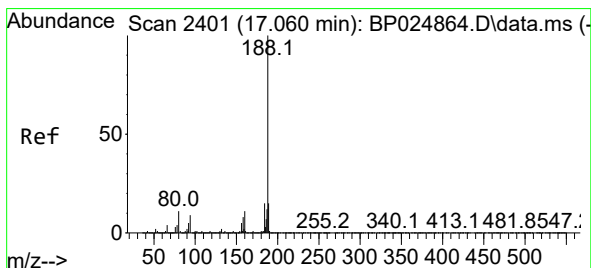
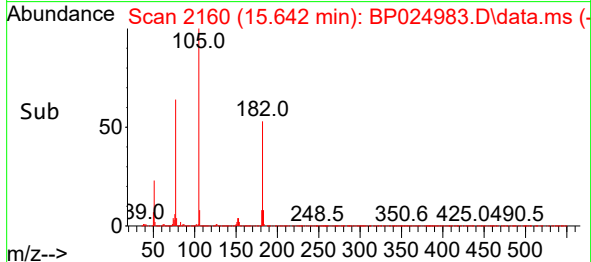
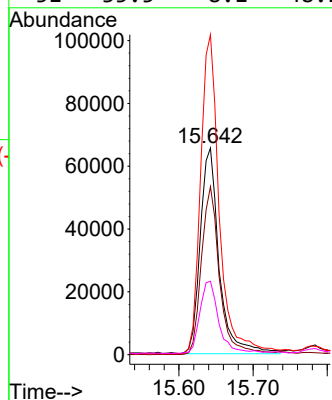
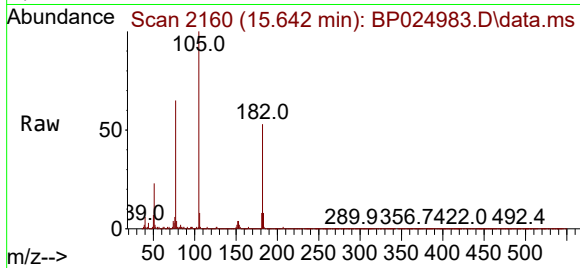




#63
Azobenzene
Concen: 2.328 ng
RT: 15.642 min Scan# 2155
Delta R.T. 0.029 min
Lab File: BP024983.D
Acq: 17 Jun 2025 20:10

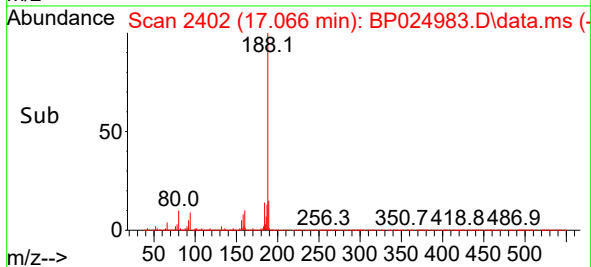
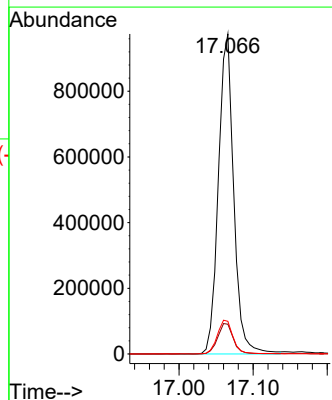
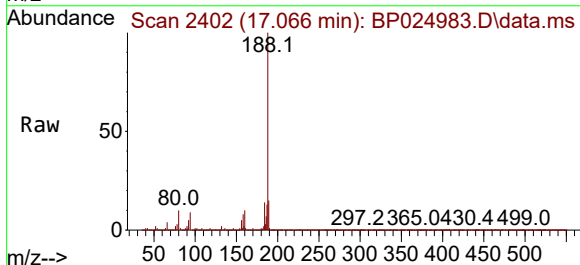
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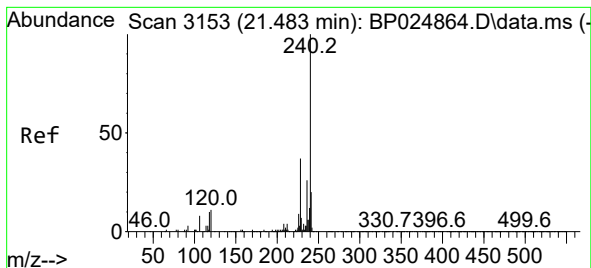
Tgt Ion: 77 Resp: 116456
Ion Ratio Lower Upper
77 100
182 81.3 5.4 45.4#
105 154.8 0.8 40.8#
51 35.5 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024983.D
Acq: 17 Jun 2025 20:10

Tgt Ion: 188 Resp: 1398581
Ion Ratio Lower Upper
188 100
94 9.3 7.3 10.9
80 10.2 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: BP024983.D

Acq: 17 Jun 2025 20:10

Instrument :

BNA_P

ClientSampleId :

TP05-MH17A-WC

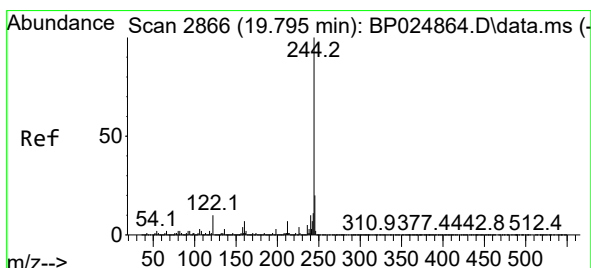
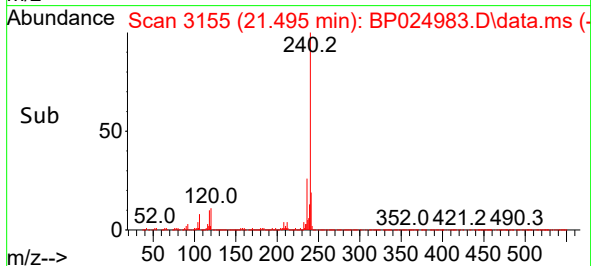
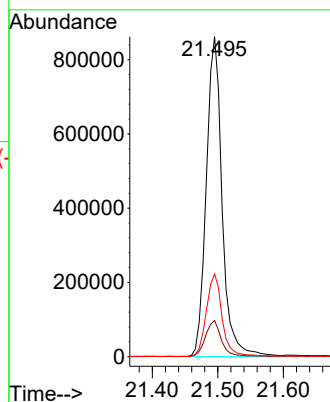
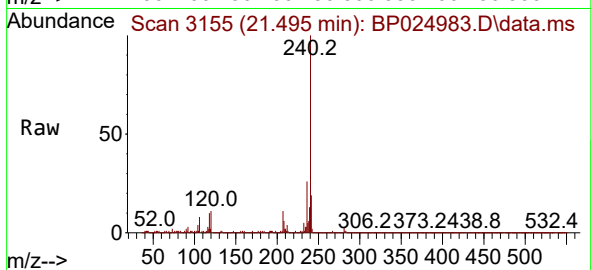
Tgt Ion:240 Resp: 1449693

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 34.600 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP024983.D

Acq: 17 Jun 2025 20:10

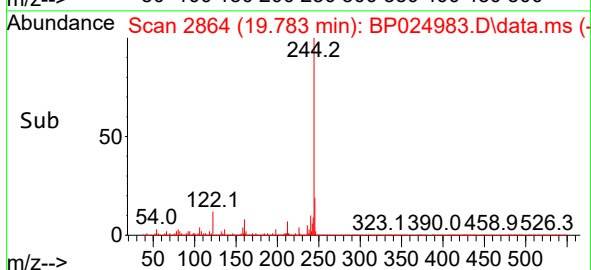
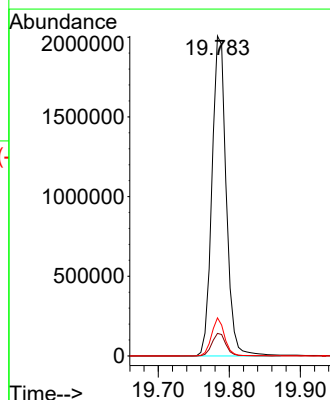
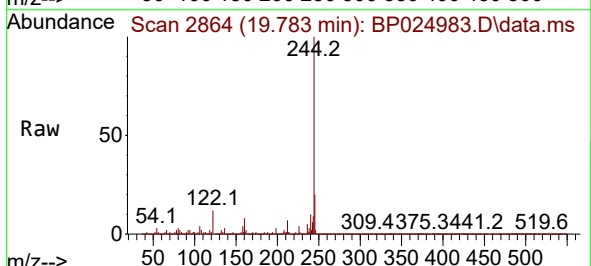
Tgt Ion:244 Resp: 2798667

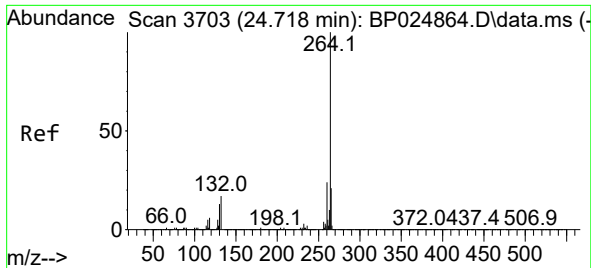
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.9 7.7 11.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.771 min Scan# 31
Delta R.T. 0.053 min
Lab File: BP024983.D
Acq: 17 Jun 2025 20:10

Instrument :
BNA_P
ClientSampleId :
TP05-MH17A-WC

Tgt Ion:264 Resp: 1668433

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	22.6	17.4	26.0

