

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024965.D
 Acq On : 16 Jun 2025 17:44
 Operator : RC/JU
 Sample : Q2311-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MH2MH3-WC

Quant Time: Jun 16 18:22:43 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)

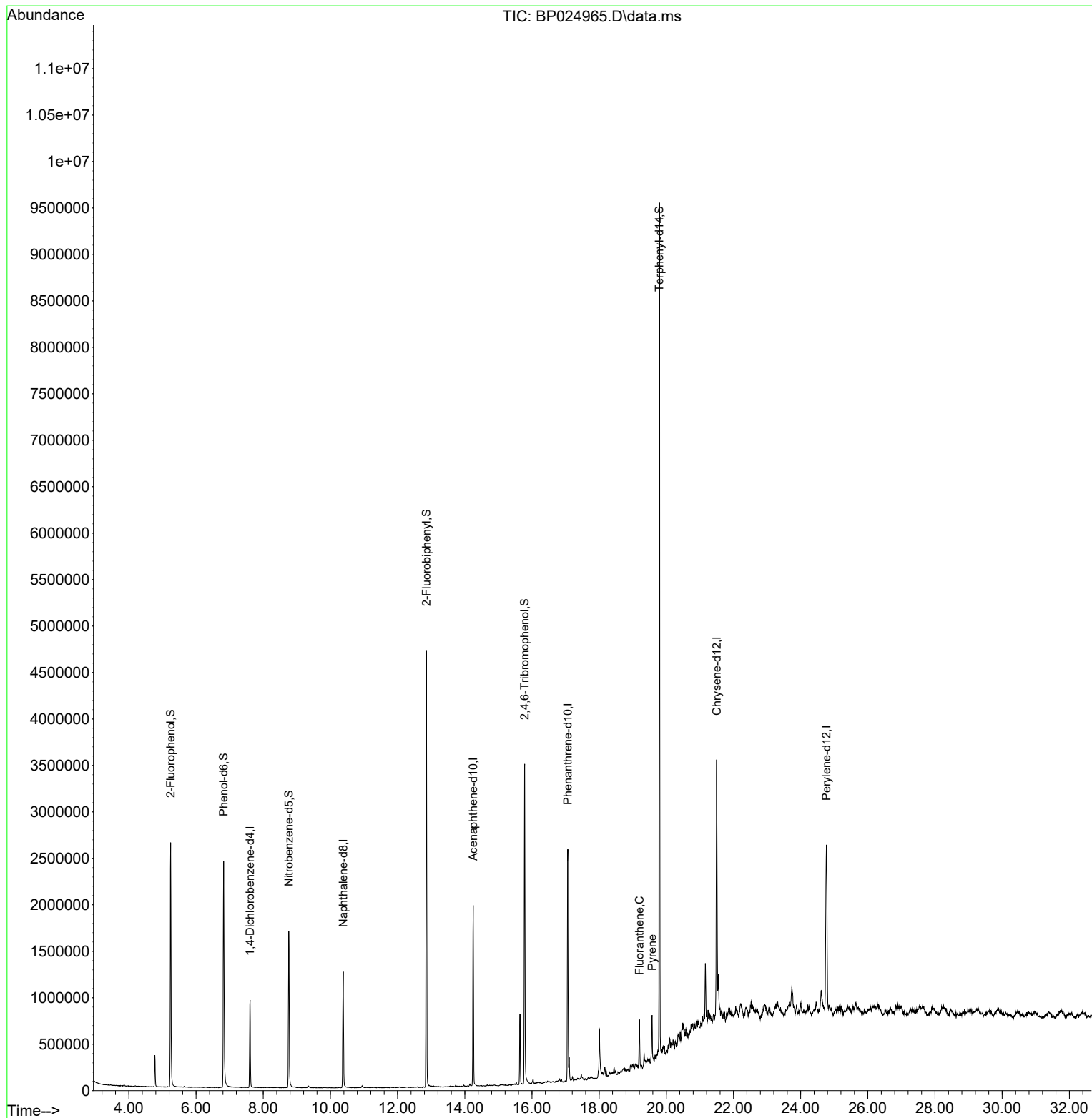
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	271476	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1074807	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	709823	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1447748	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1623539	20.000	ng	0.02
86) Perylene-d12	24.765	264	1889936	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1255391	77.189	ng	0.00
7) Phenol-d6	6.819	99	1692875	78.670	ng	0.00
23) Nitrobenzene-d5	8.760	82	1050492	47.494	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	757104	77.148	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2404680	45.637	ng	0.00
79) Terphenyl-d14	19.795	244	4170873	46.043	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.201	202	297660	3.210	ng	99
78) Pyrene	19.577	202	322468	3.179	ng	100

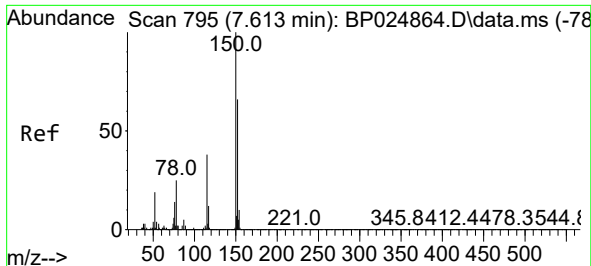
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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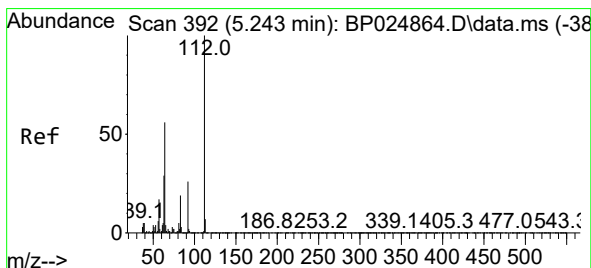
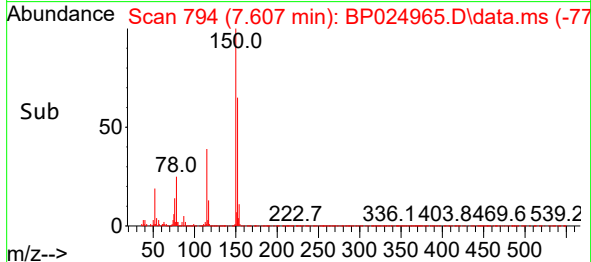
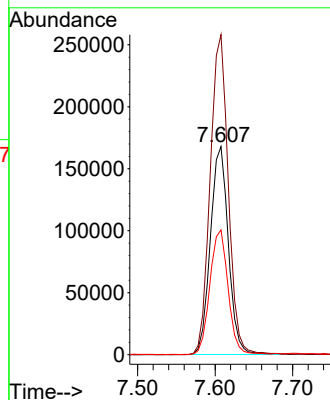
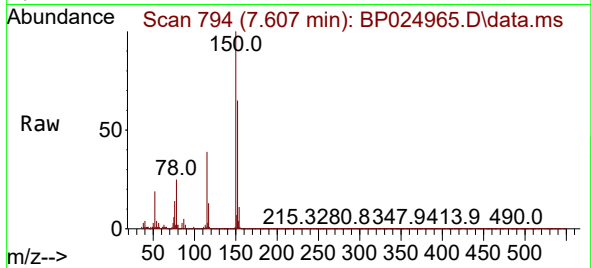




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

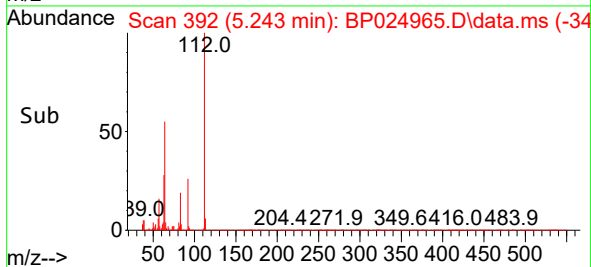
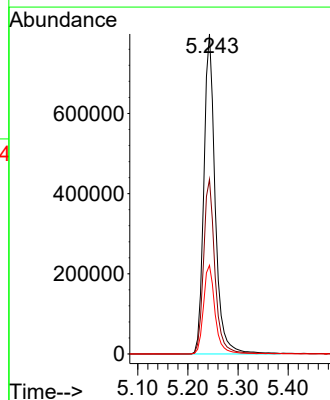
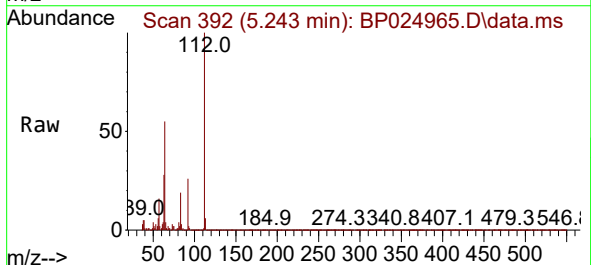
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WC

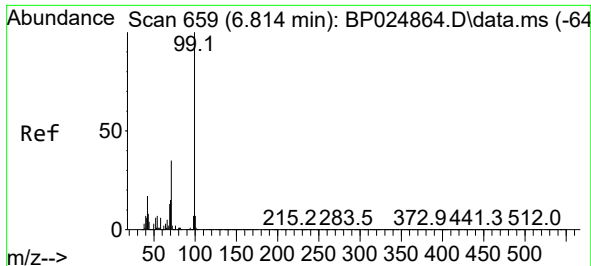
Tgt Ion:152 Resp: 271476
Ion Ratio Lower Upper
152 100
150 153.7 122.1 183.1
115 59.9 46.4 69.6



#5
2-Fluorophenol
Concen: 77.189 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion:112 Resp: 1255391
Ion Ratio Lower Upper
112 100
64 54.6 44.7 67.1
63 27.7 23.5 35.3

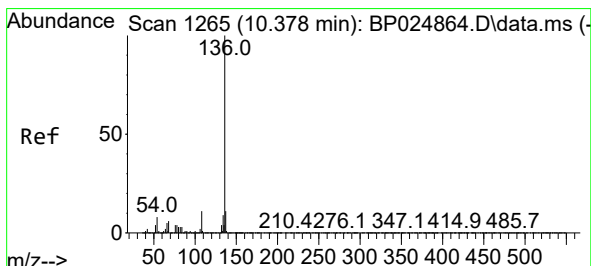
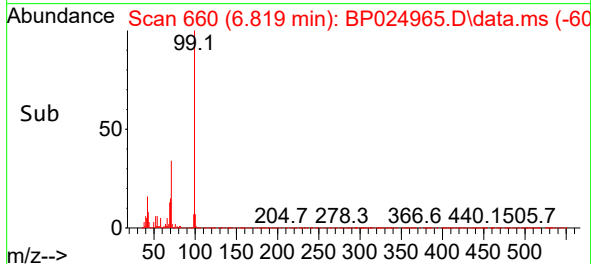
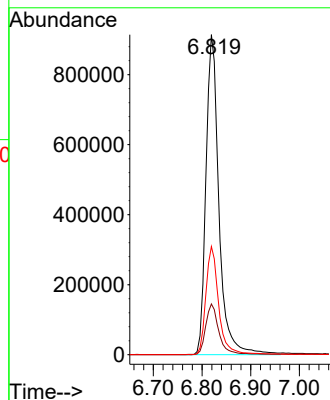
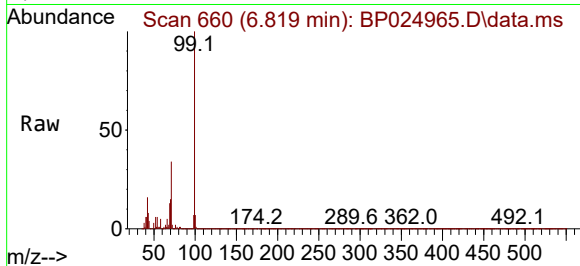




#7
Phenol-d6
Concen: 78.670 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

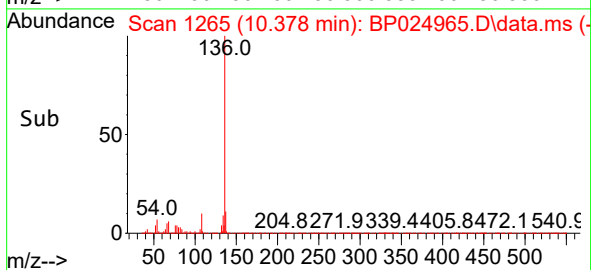
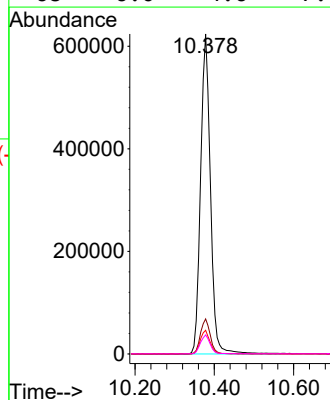
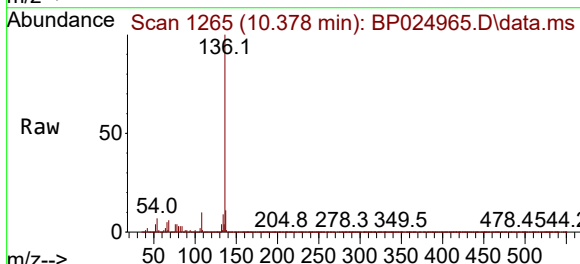
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WC

Tgt Ion: 99 Resp: 1692875
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 33.8 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: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion: 136 Resp: 1074807
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.4 6.1 9.1
68 6.0 4.6 7.0

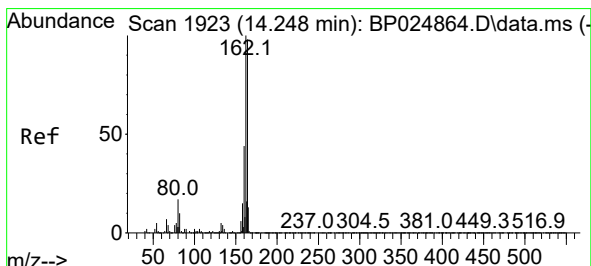
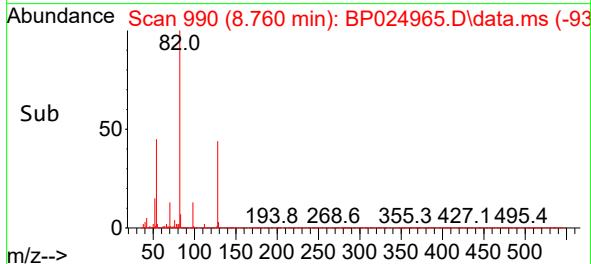
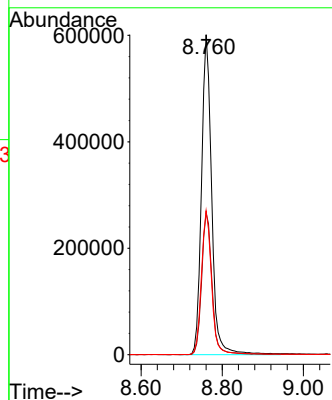
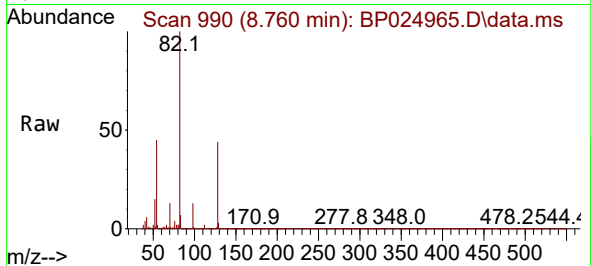




#23
Nitrobenzene-d5
Concen: 47.494 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

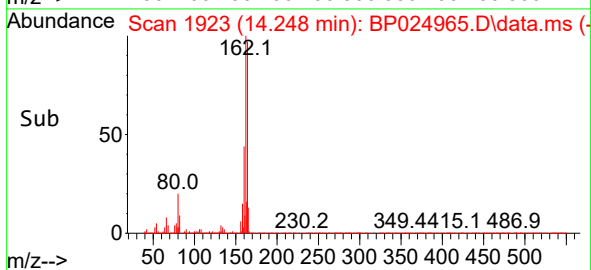
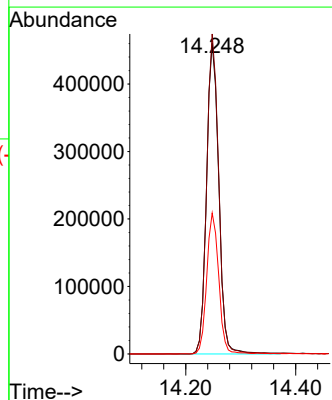
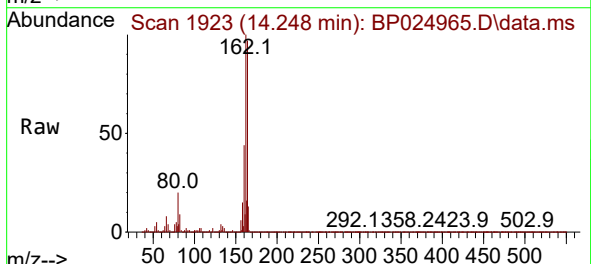
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WC

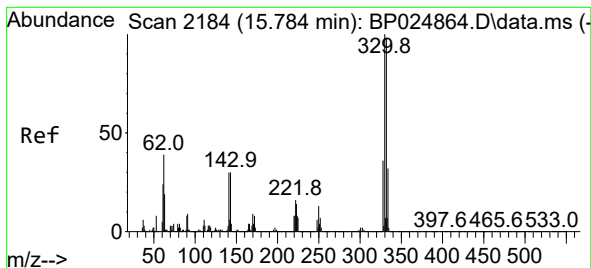
Tgt Ion: 82 Resp: 1050492
Ion Ratio Lower Upper
82 100
128 44.4 35.3 52.9
54 45.0 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion:164 Resp: 709823
Ion Ratio Lower Upper
164 100
162 103.0 81.6 122.4
160 45.4 36.2 54.2

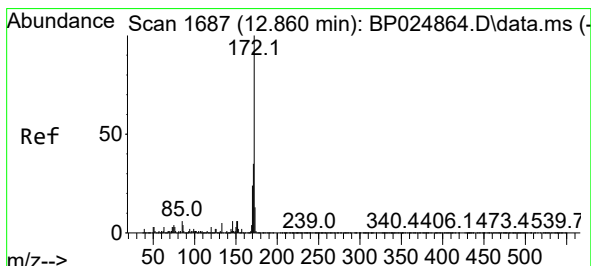
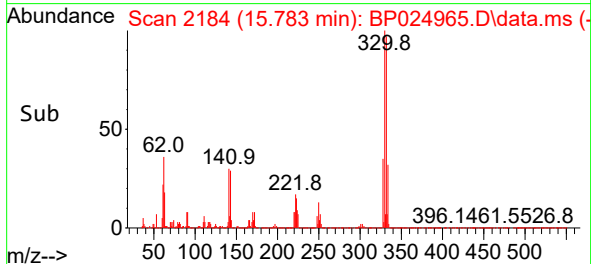
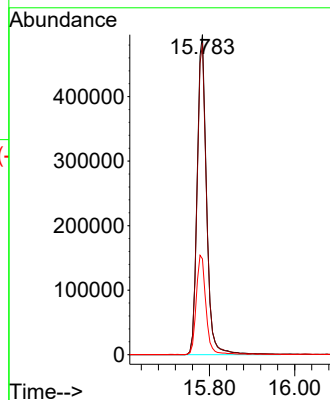
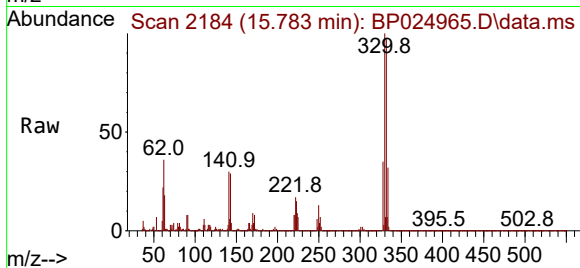




#42
2,4,6-Tribromophenol
Concen: 77.148 ng
RT: 15.783 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

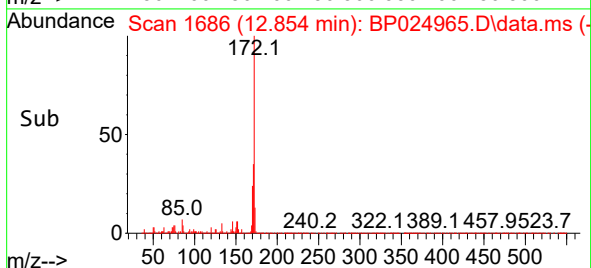
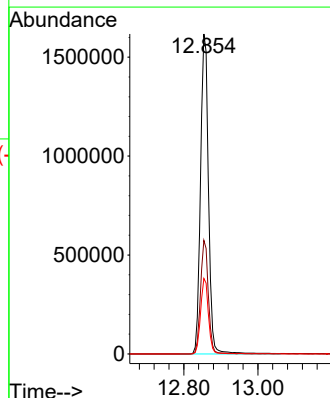
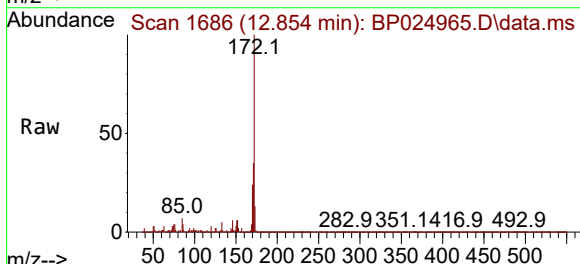
Instrument :
BNA_P
ClientSampleId :
TP03-MH2MH3-WC

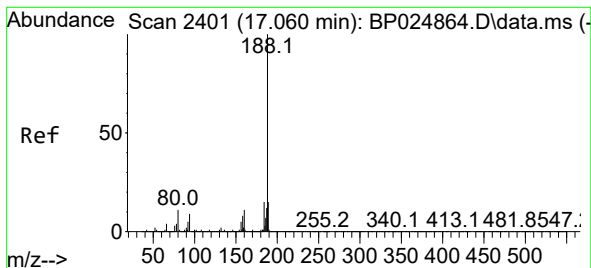
Tgt Ion:330 Resp: 757104
Ion Ratio Lower Upper
330 100
332 97.8 77.7 116.5
141 32.0 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 45.637 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024965.D
Acq: 16 Jun 2025 17:44

Tgt Ion:172 Resp: 2404680
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.066 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WC

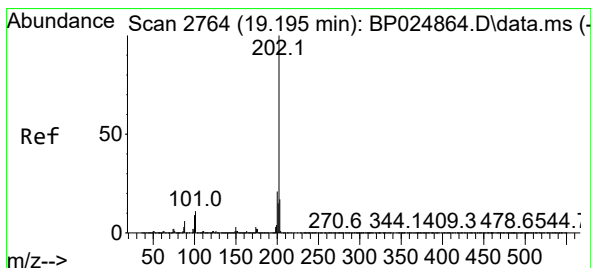
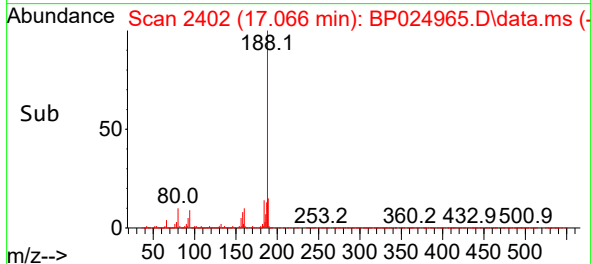
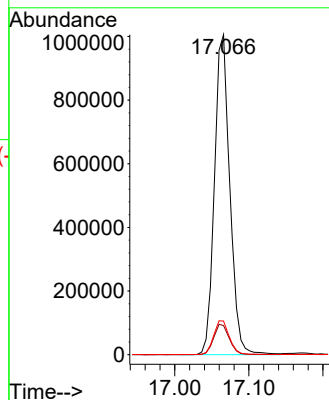
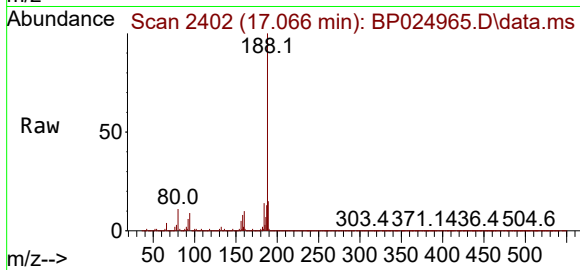
Tgt Ion:188 Resp: 1447748

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 10.5 8.5 12.7



#75

Fluoranthene

Concen: 3.210 ng

RT: 19.201 min Scan# 2765

Delta R.T. 0.006 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

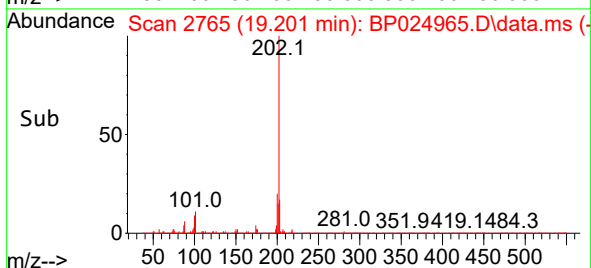
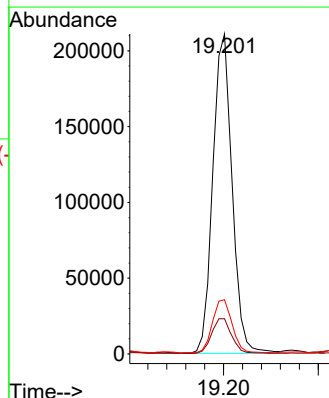
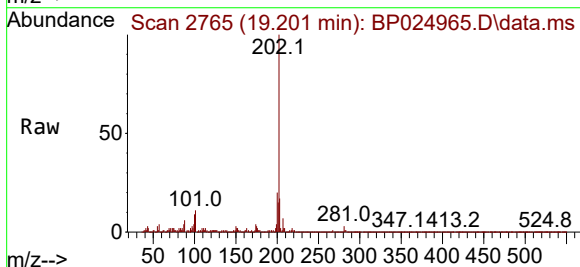
Tgt Ion:202 Resp: 297660

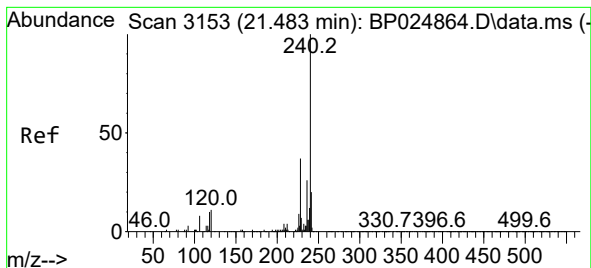
Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

203 17.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan# 3156

Delta R.T. 0.017 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

Instrument :

BNA_P

ClientSampleId :

TP03-MH2MH3-WC

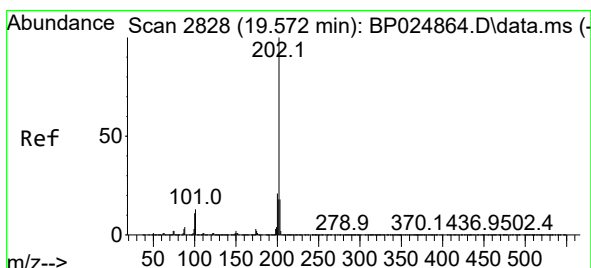
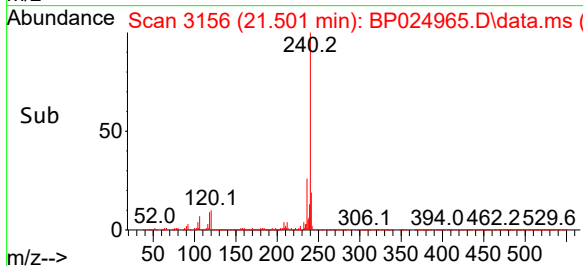
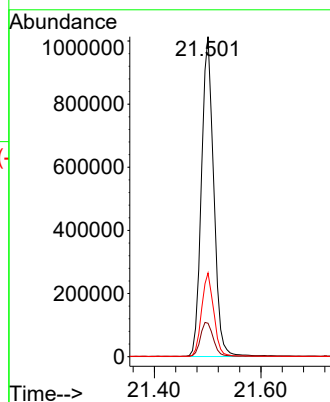
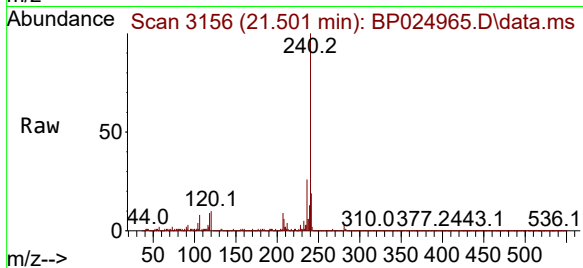
Tgt Ion:240 Resp: 1623539

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 26.1 20.9 31.3



#78

Pyrene

Concen: 3.179 ng

RT: 19.577 min Scan# 2829

Delta R.T. 0.006 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

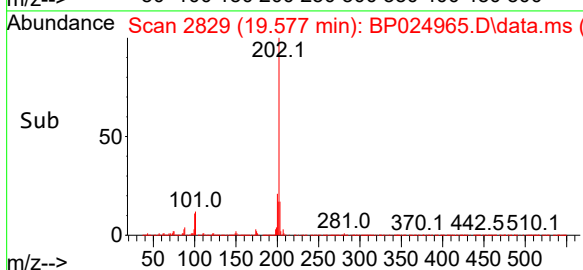
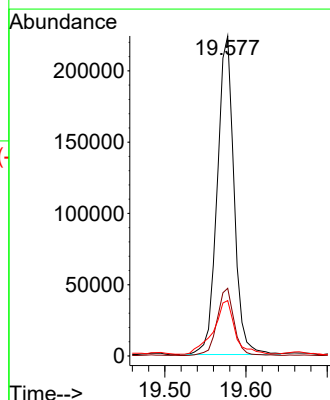
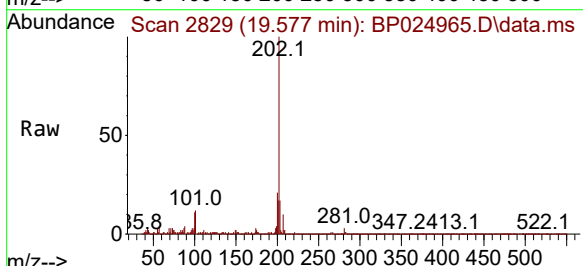
Tgt Ion:202 Resp: 322468

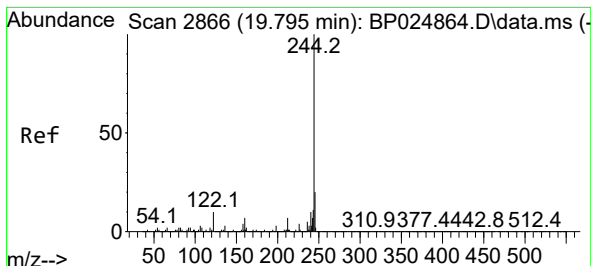
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 46.043 ng

RT: 19.795 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024965.D

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TP03-MH2MH3-WC

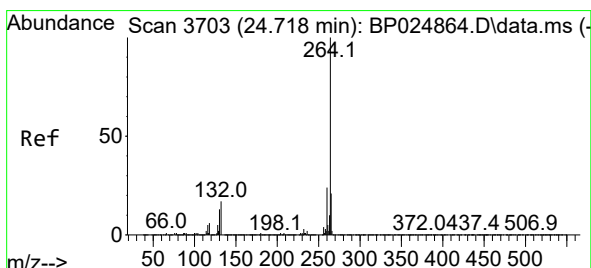
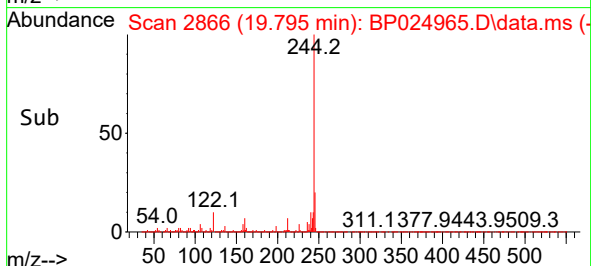
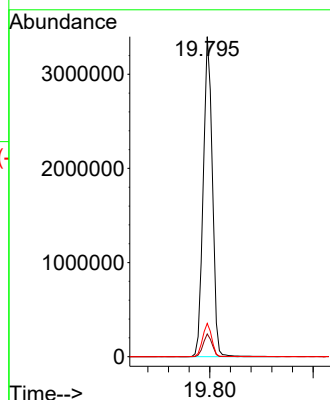
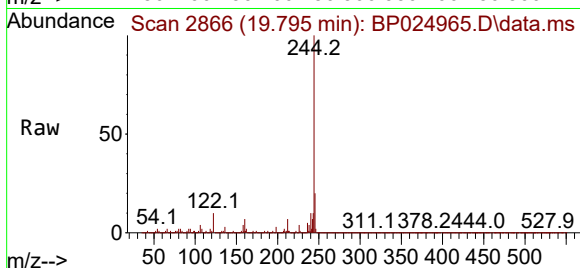
Tgt Ion:244 Resp: 4170873

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.765 min Scan# 3711

Delta R.T. 0.047 min

Lab File: BP024965.D

Acq: 16 Jun 2025 17:44

Tgt Ion:264 Resp: 1889936

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.7 17.4 26.0

