

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024721.D
 Acq On : 21 May 2025 01:28
 Operator : RC/JU
 Sample : PB168033TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168033TB

Quant Time: May 21 03:56:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

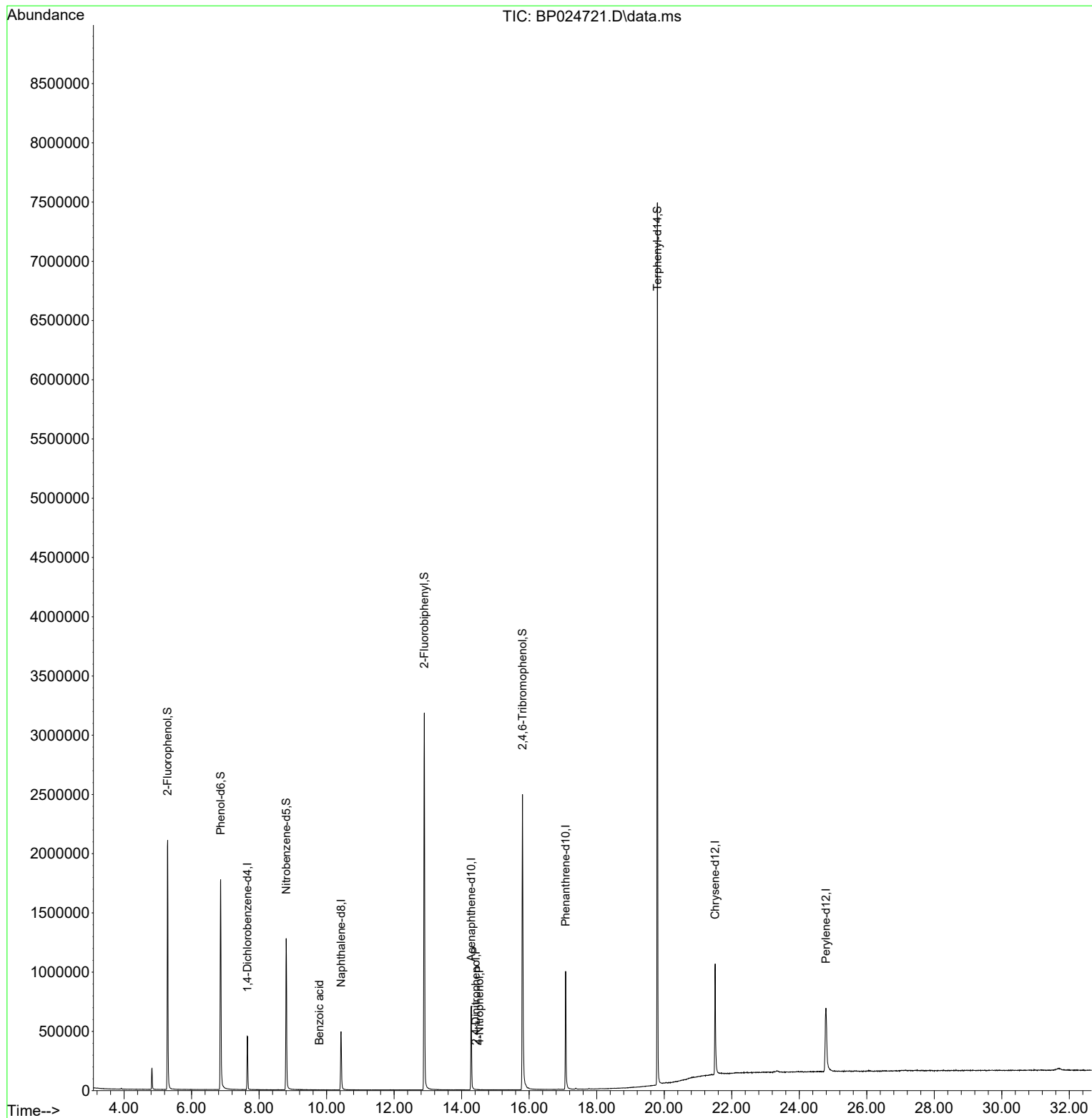
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	125304	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	470424	20.000	ng	# 0.00
39) Acenaphthene-d10	14.287	164	294716	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	617509	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	652587	20.000	ng	-0.01
86) Perylene-d12	24.792	264	737646	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	975179	133.110	ng	0.00
7) Phenol-d6	6.863	99	1142448	122.185	ng	0.01
23) Nitrobenzene-d5	8.804	82	736621	79.118	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	744363	148.983	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1880549	83.598	ng	-0.01
79) Terphenyl-d14	19.798	244	3397979	89.283	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.787	122	34	7.474	ng	# 1
54) 2,4-Dinitrophenol	14.422	184	14	6.405	ng	# 67
56) 4-Nitrophenol	14.522	139	19	4.238	ng	# 53

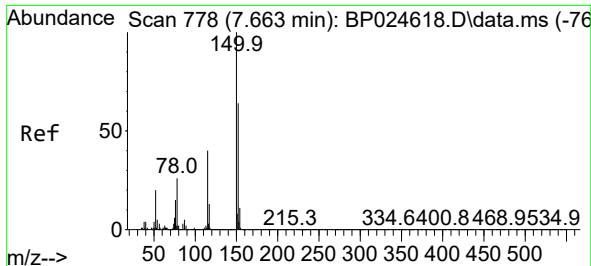
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024721.D
Acq On : 21 May 2025 01:28
Operator : RC/JU
Sample : PB168033TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168033TB

Quant Time: May 21 03:56:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

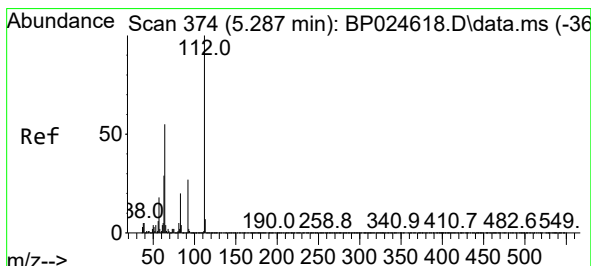
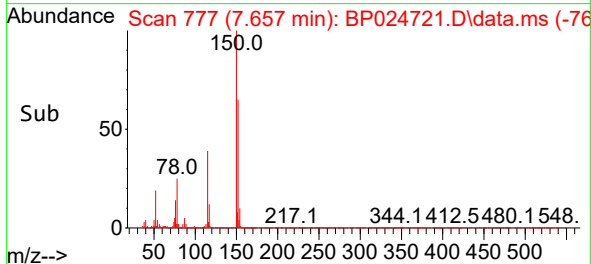
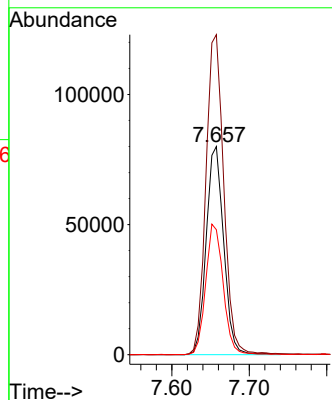
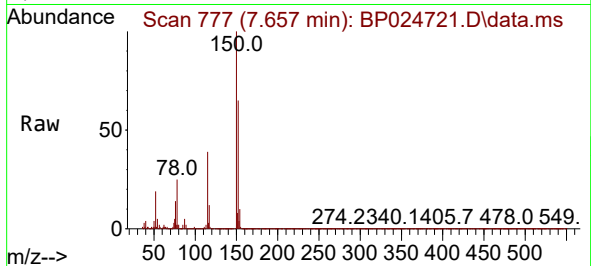




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

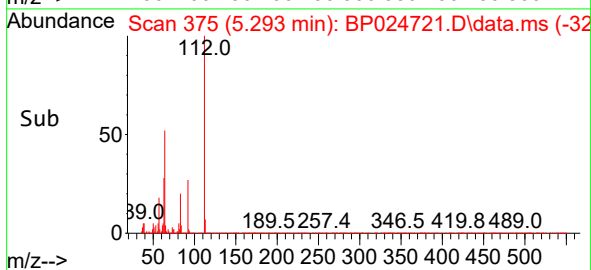
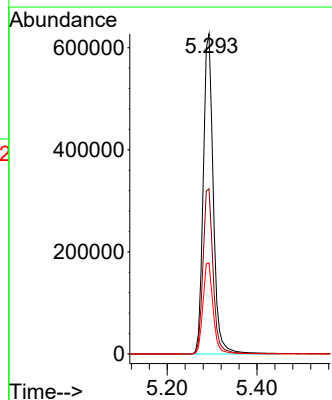
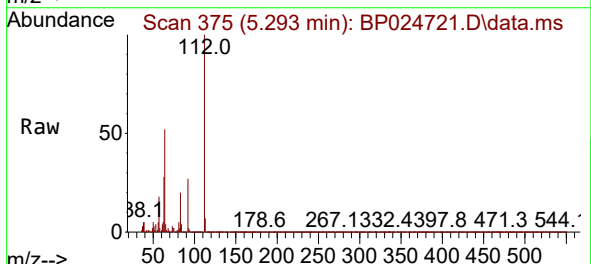
Instrument :
BNA_P
ClientSampleId :
PB168033TB

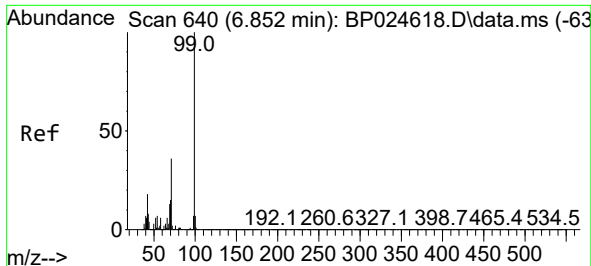
Tgt Ion:152 Resp: 125304
Ion Ratio Lower Upper
152 100
150 153.7 125.9 188.9
115 60.0 50.1 75.1



#5
2-Fluorophenol
Concen: 133.110 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Tgt Ion:112 Resp: 975179
Ion Ratio Lower Upper
112 100
64 51.6 44.1 66.1
63 28.4 23.5 35.3

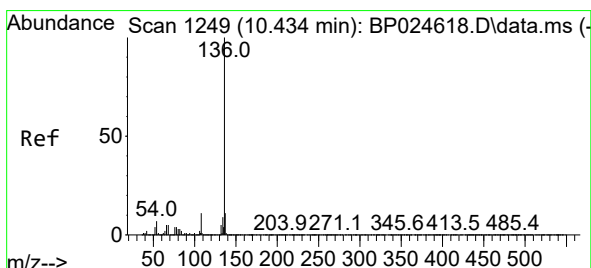
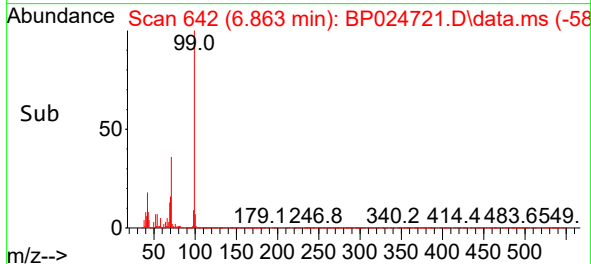
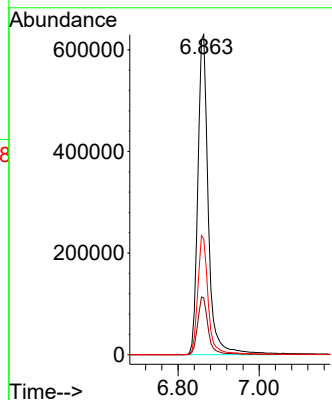
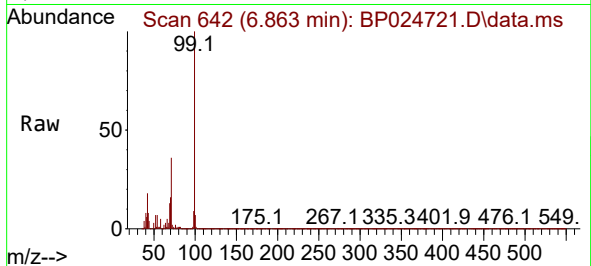




#7
Phenol-d6
Concen: 122.185 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

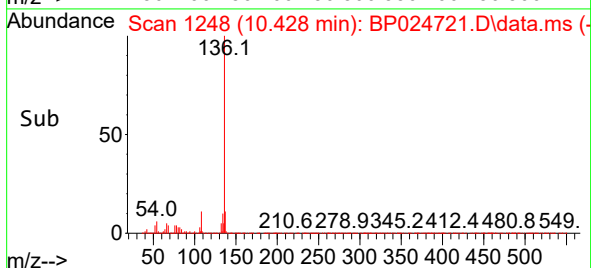
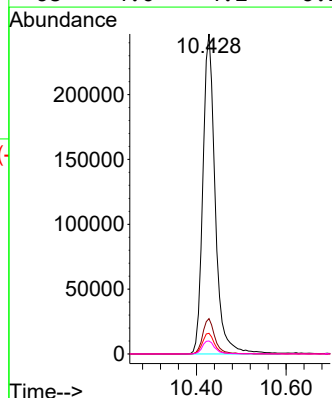
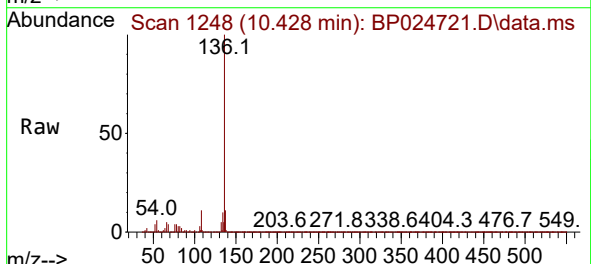
Instrument :
BNA_P
ClientSampleId :
PB168033TB

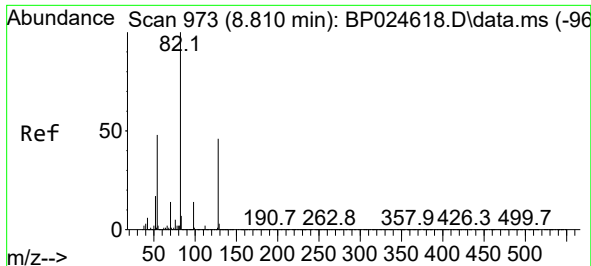
Tgt Ion: 99 Resp: 1142448
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Tgt Ion:136 Resp: 470424
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.5 8.3
68 4.0 4.2 6.2#

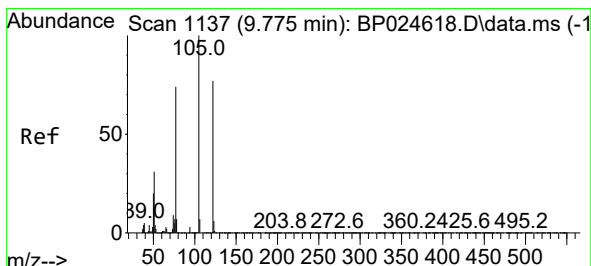
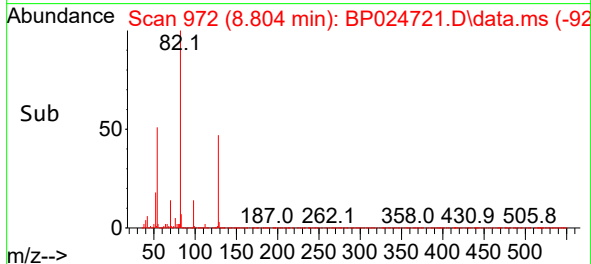
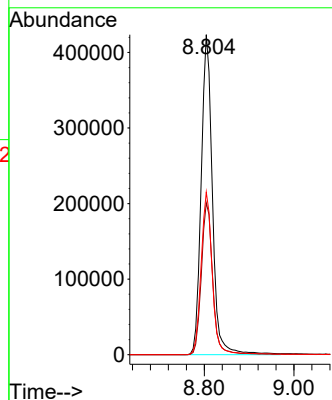
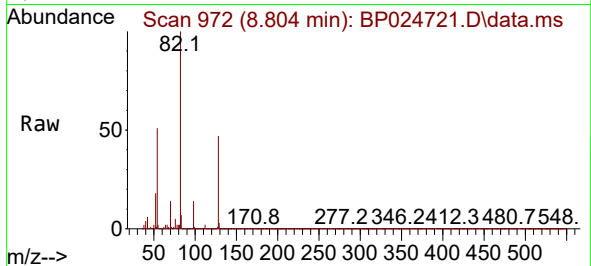




#23
Nitrobenzene-d5
Concen: 79.118 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

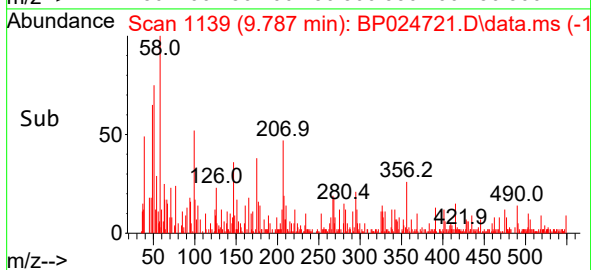
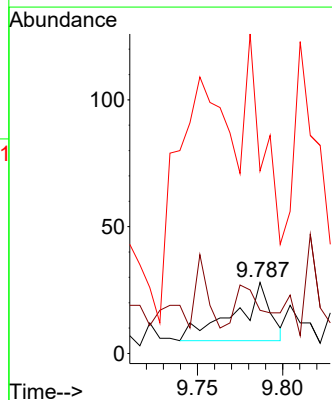
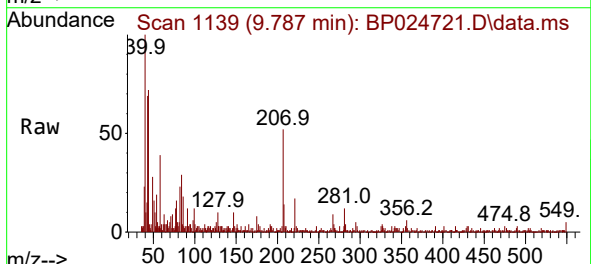
Instrument :
BNA_P
ClientSampleId :
PB168033TB

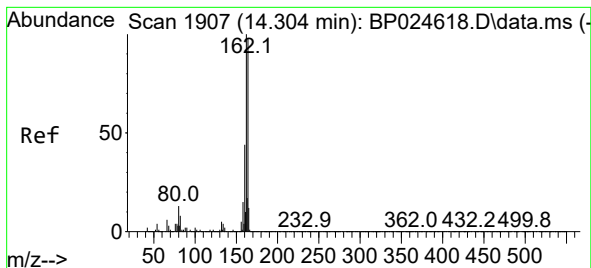
Tgt Ion: 82 Resp: 736621
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 50.8 38.7 58.1



#32
Benzoic acid
Concen: 7.474 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Tgt Ion: 122 Resp: 34
Ion Ratio Lower Upper
122 100
105 60.7 106.9 146.9#
77 257.1 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024721.D

Acq: 21 May 2025 01:28

Instrument :

BNA_P

ClientSampleId :

PB168033TB

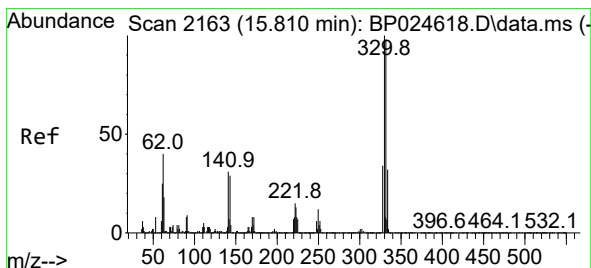
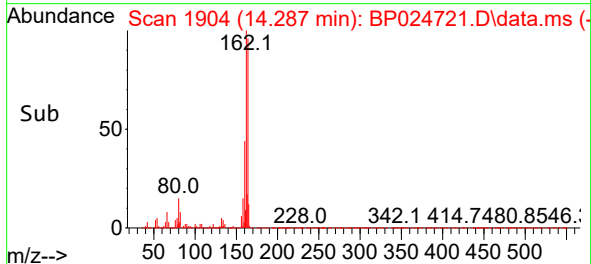
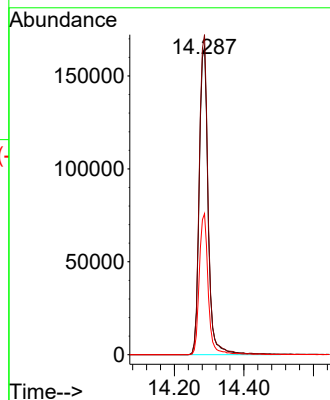
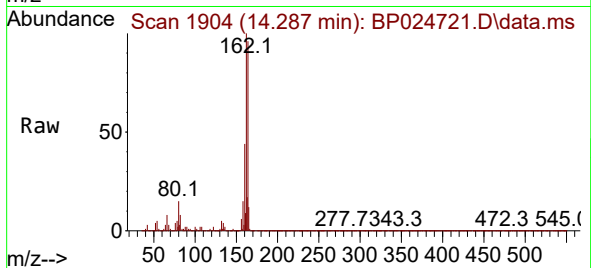
Tgt Ion:164 Resp: 294716

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

160 45.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 148.983 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024721.D

Acq: 21 May 2025 01:28

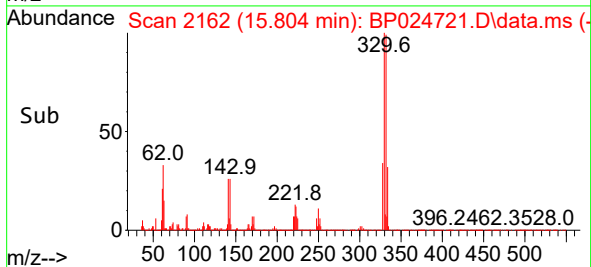
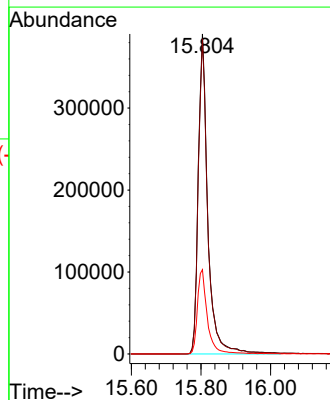
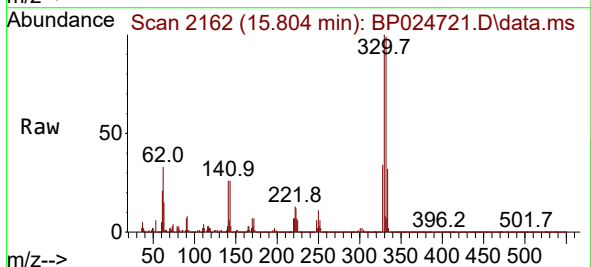
Tgt Ion:330 Resp: 744363

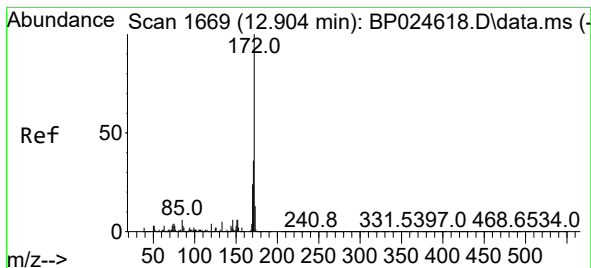
Ion Ratio Lower Upper

330 100

332 98.1 78.2 117.4

141 27.4 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 83.598 ng

RT: 12.892 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024721.D

Acq: 21 May 2025 01:28

Instrument :

BNA_P

ClientSampleId :

PB168033TB

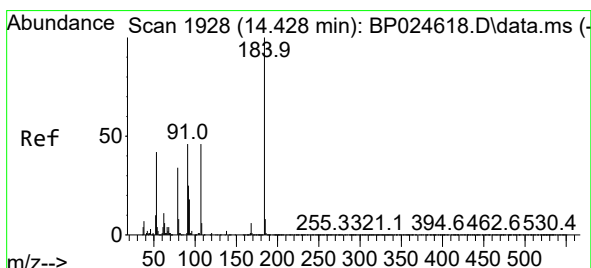
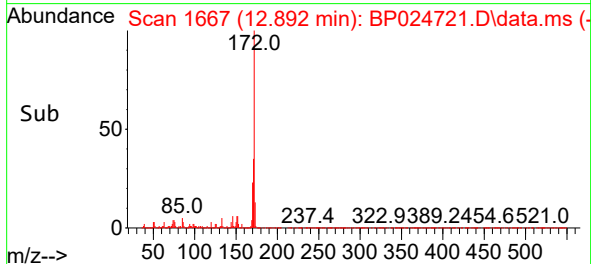
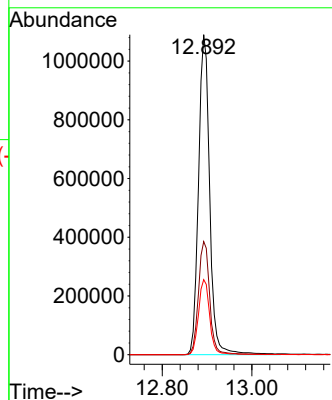
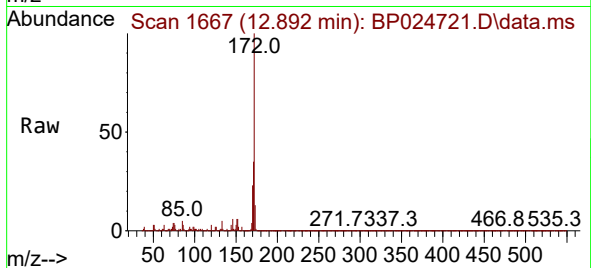
Tgt Ion:172 Resp: 1880549

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.422 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP024721.D

Acq: 21 May 2025 01:28

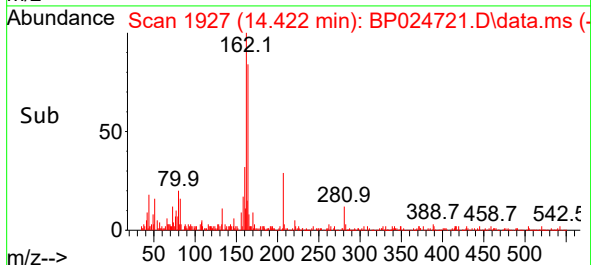
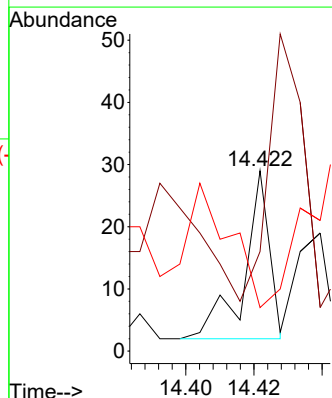
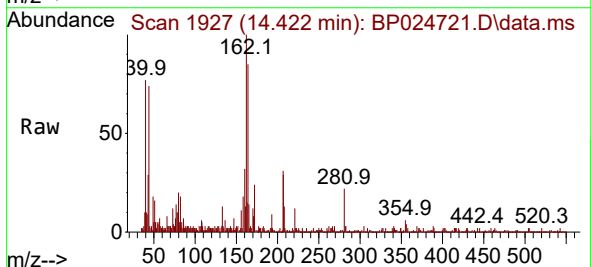
Tgt Ion:184 Resp: 14

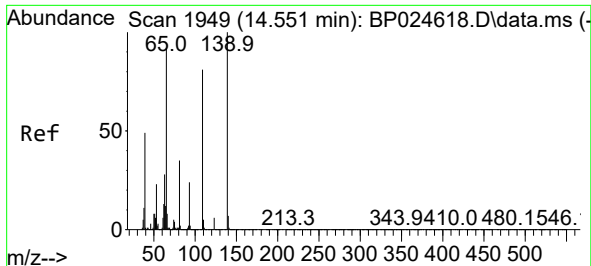
Ion Ratio Lower Upper

184 100

63 55.2 51.3 76.9

154 24.1 53.5 80.3#

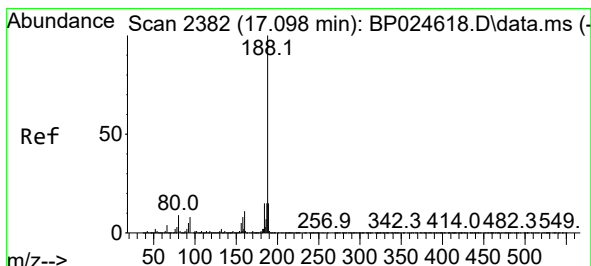
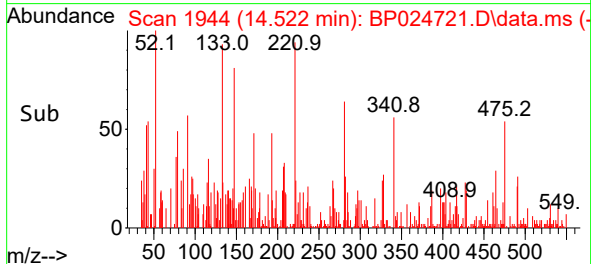
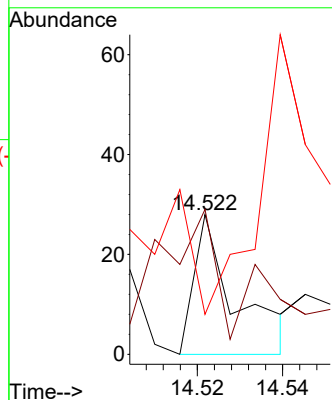
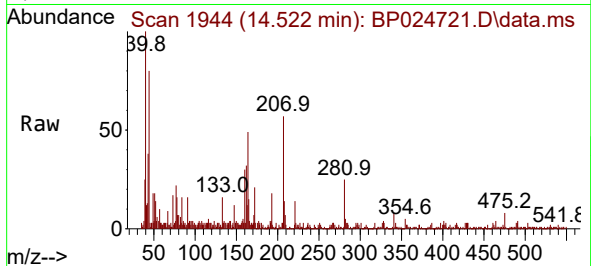




#56
4-Nitrophenol
Concen: 4.238 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.029 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

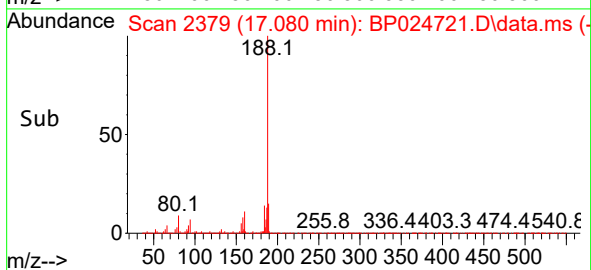
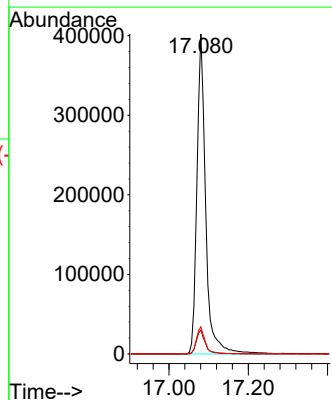
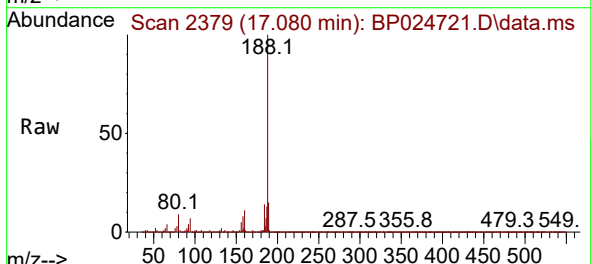
Instrument :
BNA_P
ClientSampleId :
PB168033TB

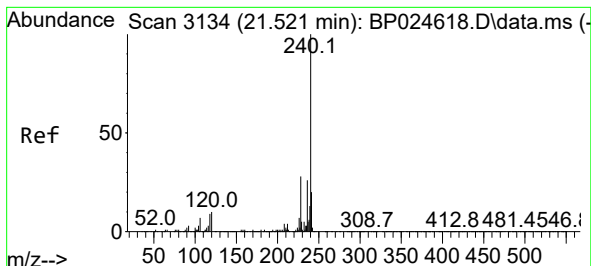
Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 103.6 61.4 101.4#
65 28.6 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Tgt Ion:188 Resp: 617509
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.5 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024721.D

Acq: 21 May 2025 01:28

Instrument :

BNA_P

ClientSampleId :

PB168033TB

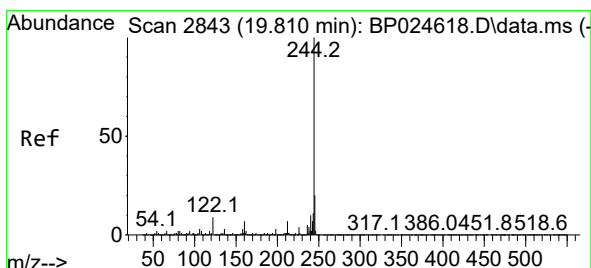
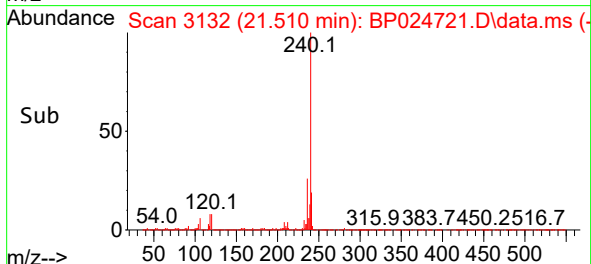
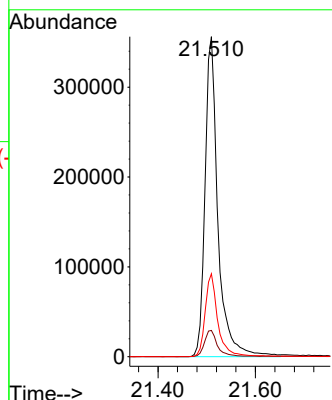
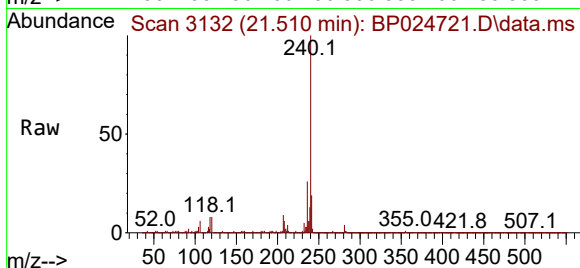
Tgt Ion:240 Resp: 652587

Ion Ratio Lower Upper

240 100

120 8.2 7.8 11.6

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 89.283 ng

RT: 19.798 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BP024721.D

Acq: 21 May 2025 01:28

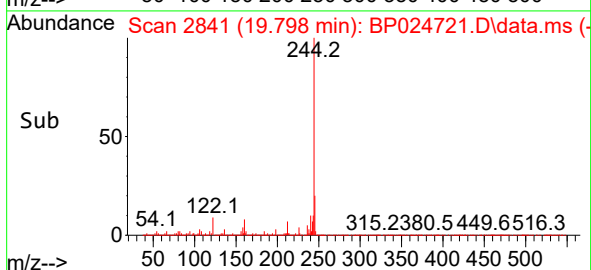
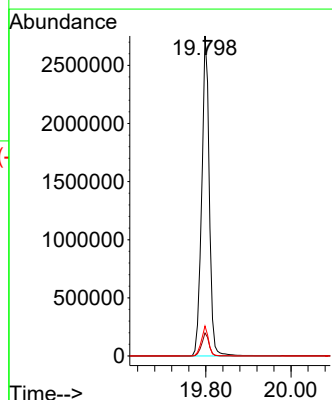
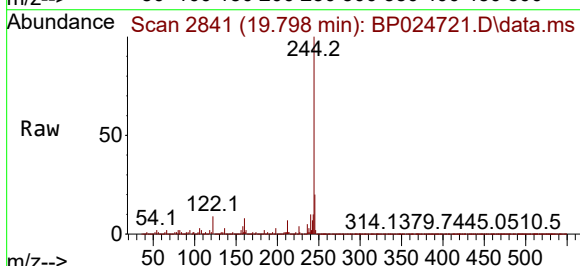
Tgt Ion:244 Resp: 3397979

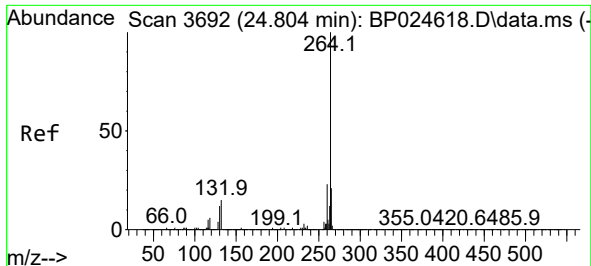
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.3 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.792 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP024721.D
Acq: 21 May 2025 01:28

Instrument :
BNA_P
ClientSampleId :
PB168033TB

Tgt Ion:264 Resp: 737646

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	17.0	25.6

