

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024344.D
 Acq On : 18 Apr 2025 16:03
 Operator : RC/JU
 Sample : Q1814-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A3729

Quant Time: Apr 18 16:40:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

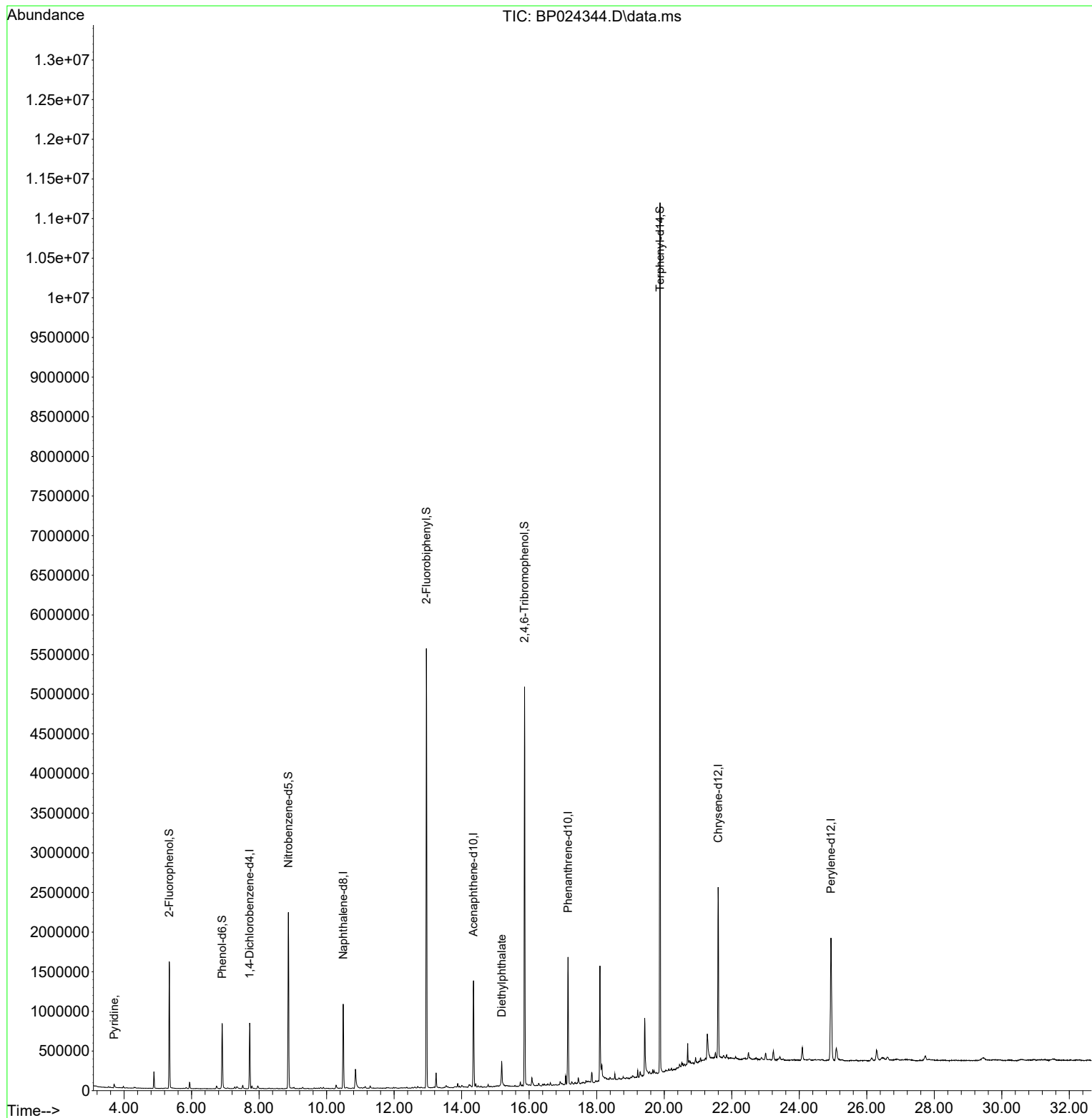
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	223084	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	871553	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	527529	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1049858	20.000	ng	0.00
76) Chrysene-d12	21.598	240	1210555	20.000	ng	0.00
86) Perylene-d12	24.939	264	1434567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	710934	52.693	ng	0.00
7) Phenol-d6	6.905	99	537784	29.110	ng	0.00
23) Nitrobenzene-d5	8.869	82	1278636	83.654	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	987985	135.366	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2739602	79.515	ng	0.00
79) Terphenyl-d14	19.875	244	4886341	81.360	ng	0.00
Target Compounds						
3) Pyridine	3.705	79	35888	2.382	ng	Qvalue # 94
60) Diethylphthalate	15.187	149	241791	6.116	ng	99

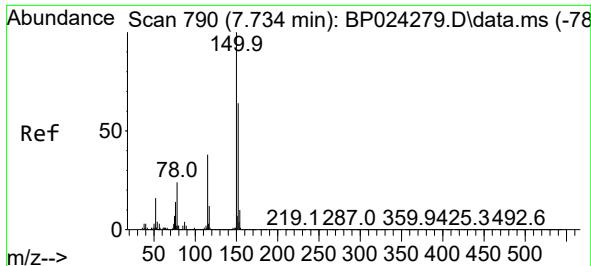
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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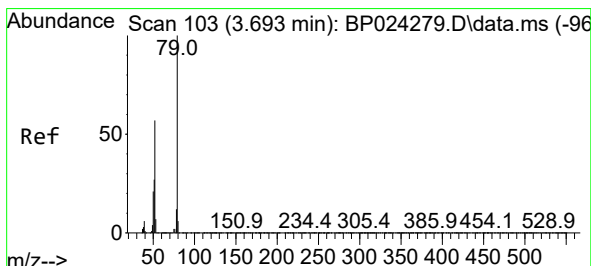
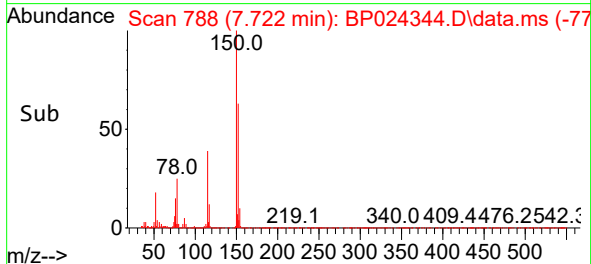
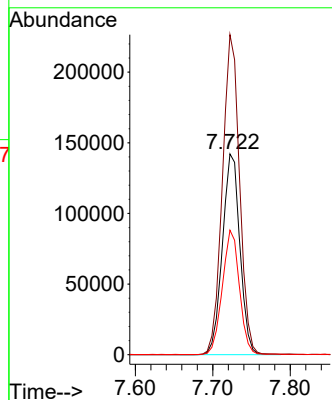
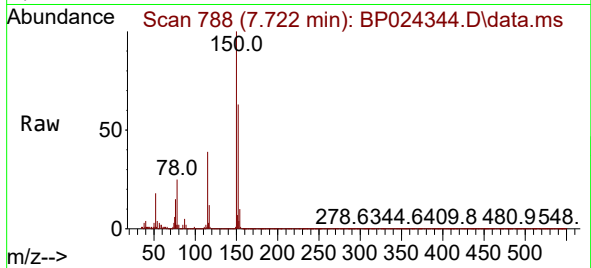




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024344.D
Acq: 18 Apr 2025 16:03

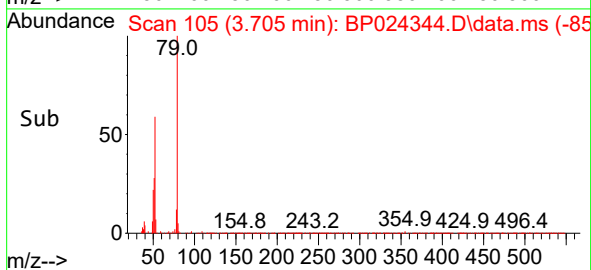
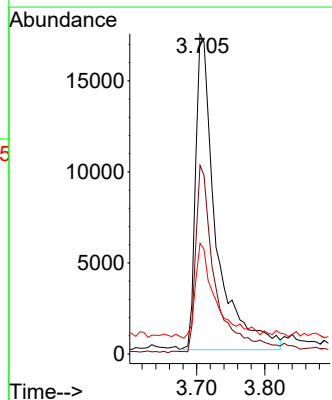
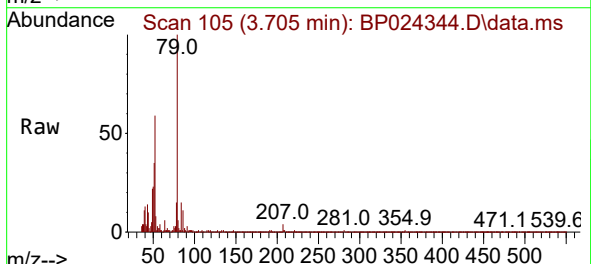
Instrument :
BNA_P
ClientSampleId :
A3729

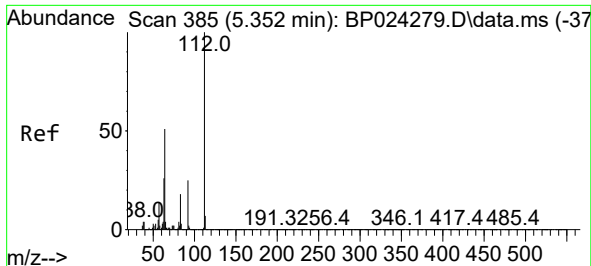
Tgt Ion:152 Resp: 223084
Ion Ratio Lower Upper
152 100
150 159.4 124.9 187.3
115 62.0 47.7 71.5



#3
Pyridine
Concen: 2.382 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.018 min
Lab File: BP024344.D
Acq: 18 Apr 2025 16:03

Tgt Ion: 79 Resp: 35888
Ion Ratio Lower Upper
79 100
52 58.9 45.4 68.2
51 34.6 22.6 33.8#

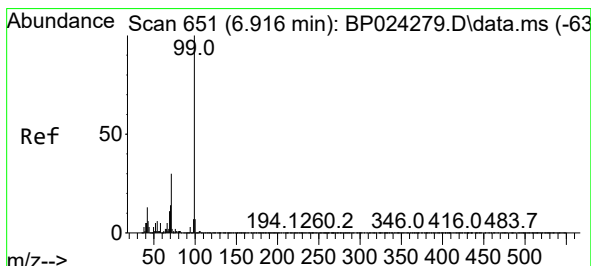
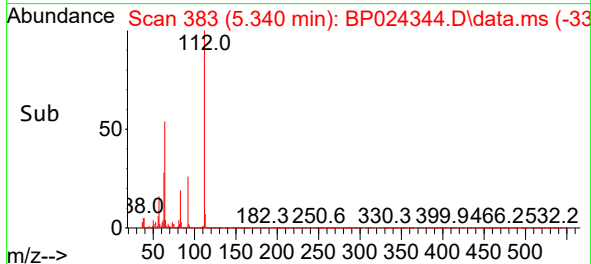
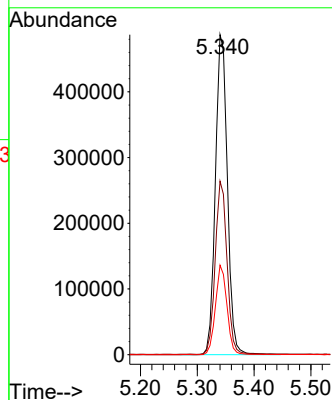
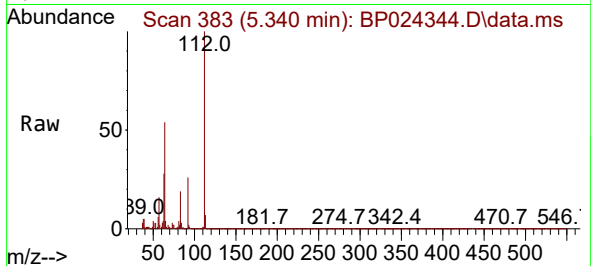




#5
2-Fluorophenol
Concen: 52.693 ng
RT: 5.340 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024344.D
Acq: 18 Apr 2025 16:03

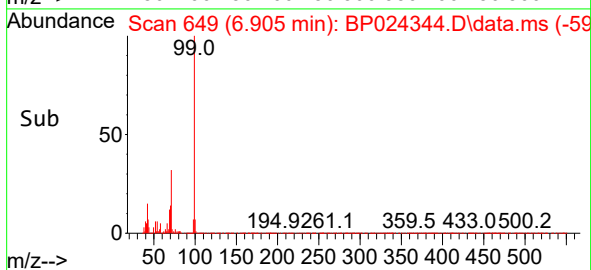
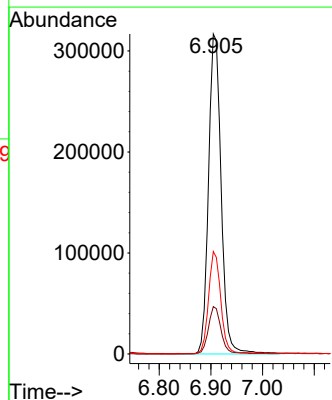
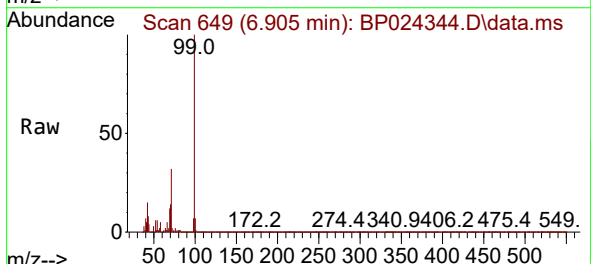
Instrument :
BNA_P
ClientSampleId :
A3729

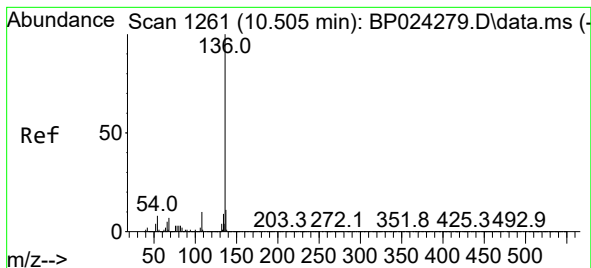
Tgt Ion:112 Resp: 710934
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 28.0 20.6 30.8



#7
Phenol-d6
Concen: 29.110 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024344.D
Acq: 18 Apr 2025 16:03

Tgt Ion: 99 Resp: 537784
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.0 23.7 35.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.493 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024344.D

Acq: 18 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

A3729

Tgt Ion:136 Resp: 871553

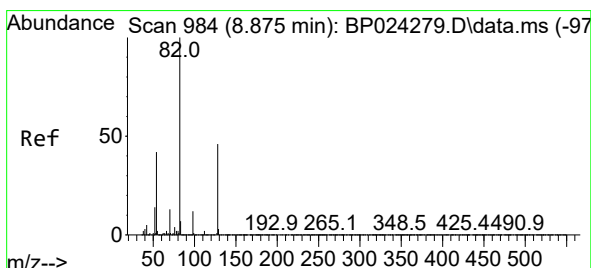
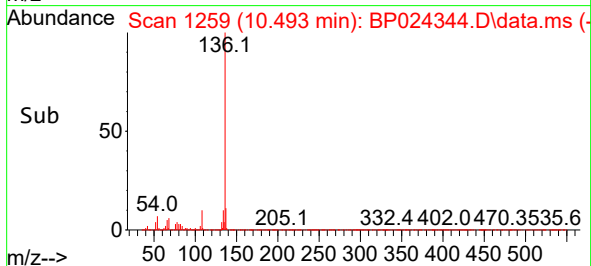
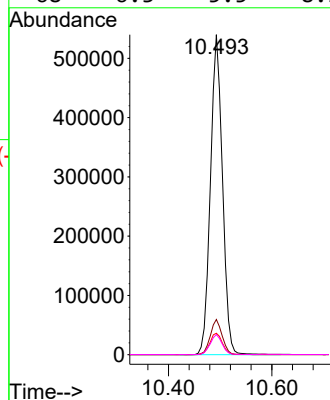
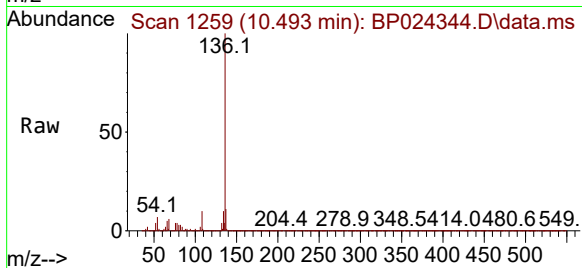
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.7 6.0 9.0

68 6.3 5.5 8.3



#23

Nitrobenzene-d5

Concen: 83.654 ng

RT: 8.869 min Scan# 983

Delta R.T. 0.000 min

Lab File: BP024344.D

Acq: 18 Apr 2025 16:03

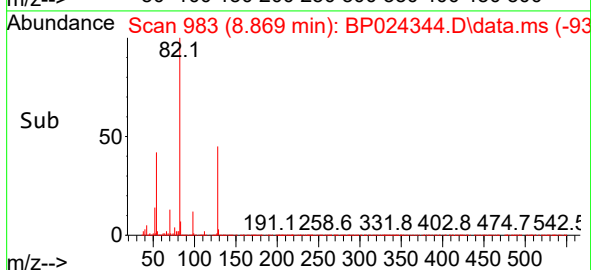
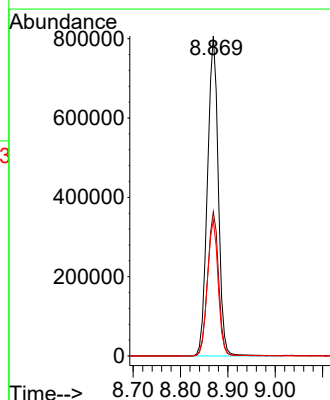
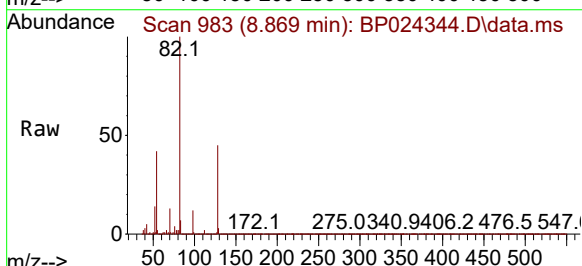
Tgt Ion: 82 Resp: 1278636

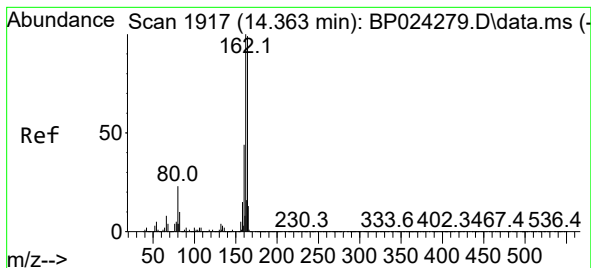
Ion Ratio Lower Upper

82 100

128 45.1 36.5 54.7

54 42.4 33.4 50.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP024344.D

Acq: 18 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

A3729

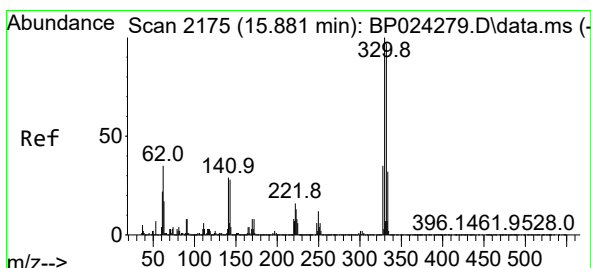
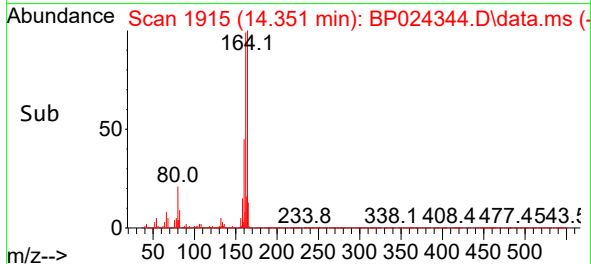
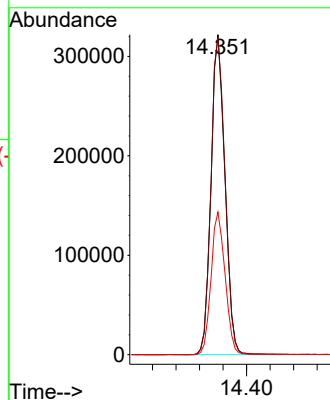
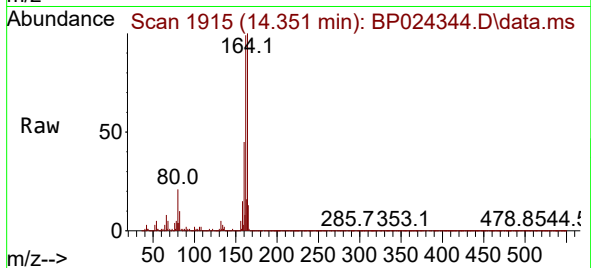
Tgt Ion:164 Resp: 527529

Ion Ratio Lower Upper

164 100

162 99.2 80.6 120.8

160 44.5 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 135.366 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024344.D

Acq: 18 Apr 2025 16:03

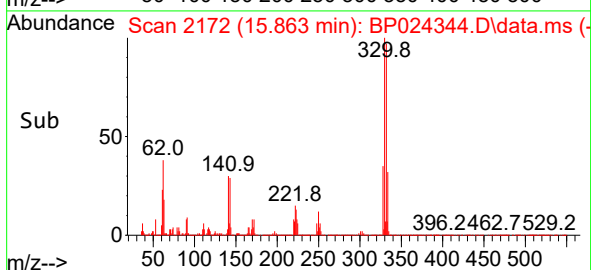
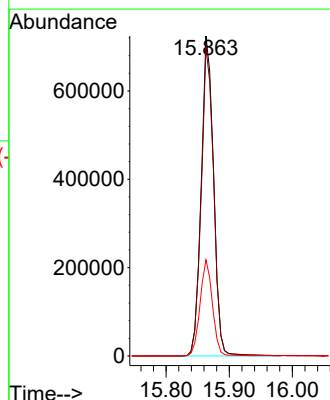
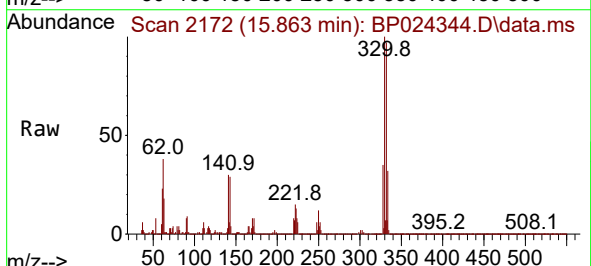
Tgt Ion:330 Resp: 987985

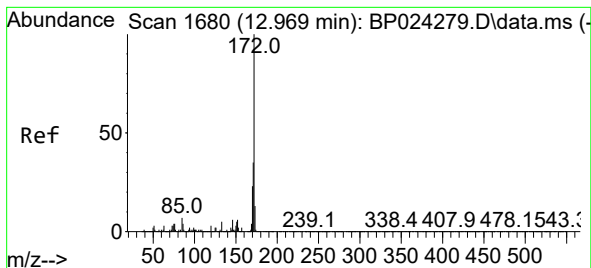
Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 30.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 79.515 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024344.D

Acq: 18 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

A3729

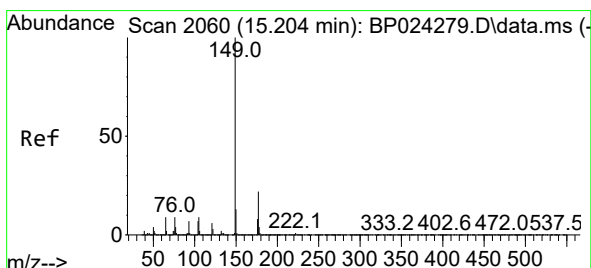
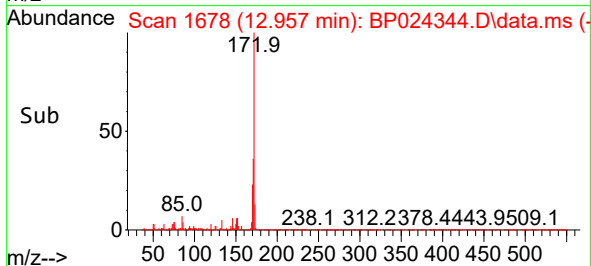
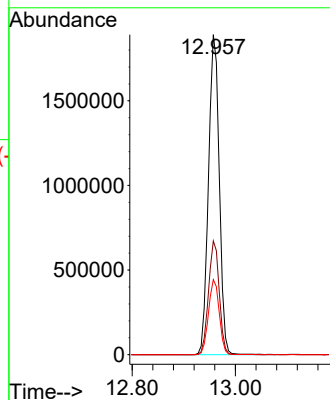
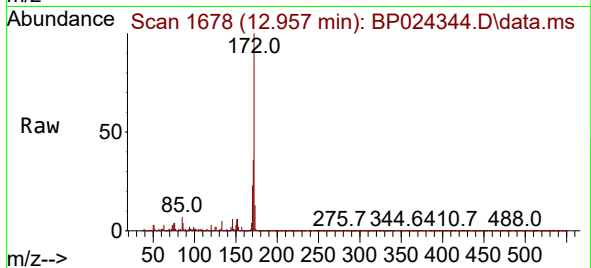
Tgt Ion:172 Resp: 2739602

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.5 18.6 27.8



#60

Diethylphthalate

Concen: 6.116 ng

RT: 15.187 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP024344.D

Acq: 18 Apr 2025 16:03

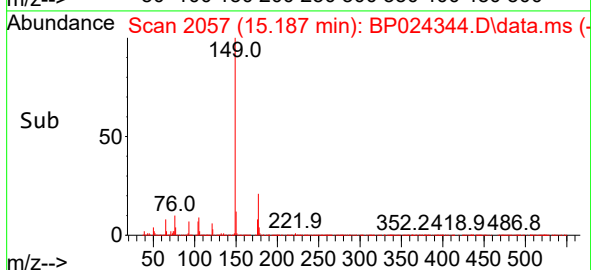
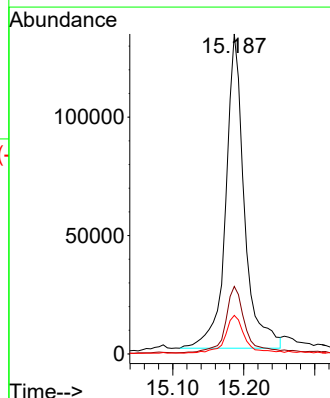
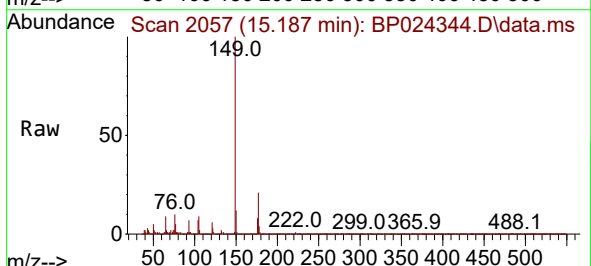
Tgt Ion:149 Resp: 241791

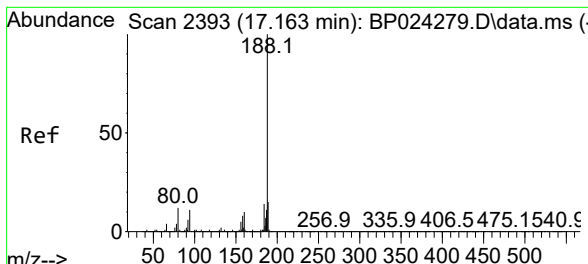
Ion Ratio Lower Upper

149 100

177 21.1 17.4 26.2

150 12.1 10.1 15.1



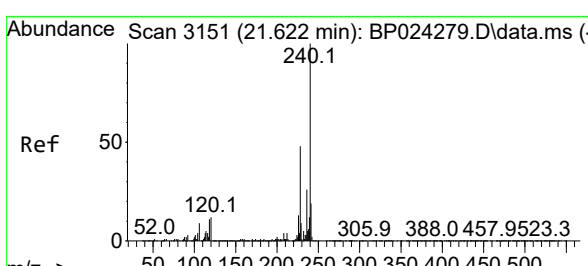
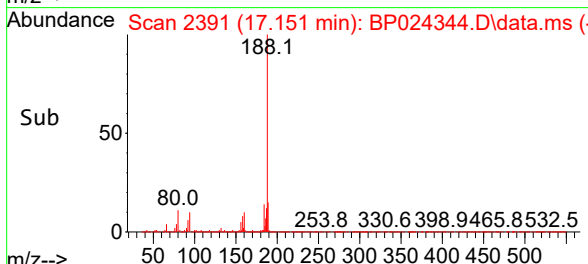
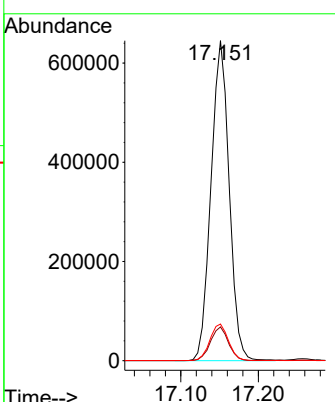
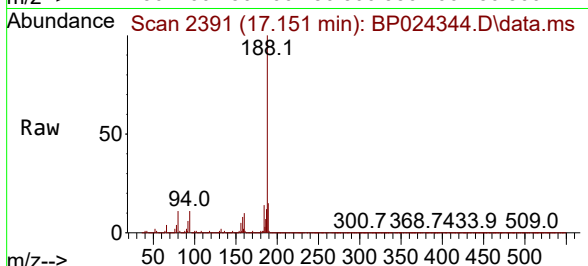


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024344.D
 Acq: 18 Apr 2025 16:03

Instrument :
 BNA_P
 ClientSampleId :
 A3729

Tgt Ion:188 Resp: 1049858

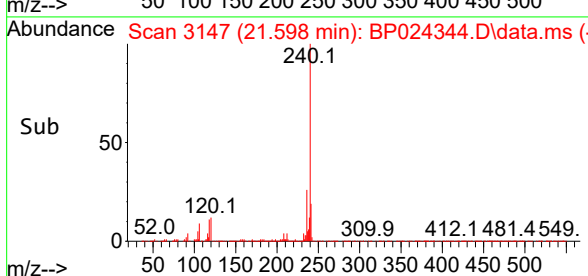
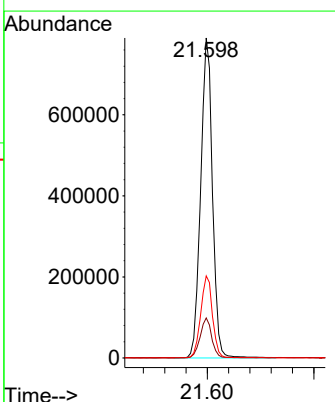
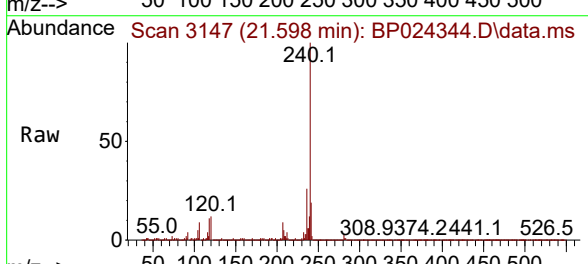
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.4	9.8	14.6

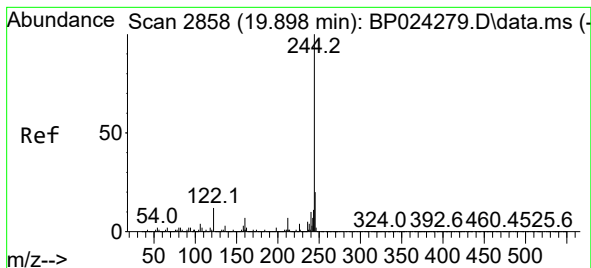


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.598 min Scan# 3147
 Delta R.T. 0.006 min
 Lab File: BP024344.D
 Acq: 18 Apr 2025 16:03

Tgt Ion:240 Resp: 1210555

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.8	14.8
236	25.7	20.9	31.3





#79

Terphenyl-d14

Concen: 81.360 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024344.D

Acq: 18 Apr 2025 16:03

Instrument :

BNA_P

ClientSampleId :

A3729

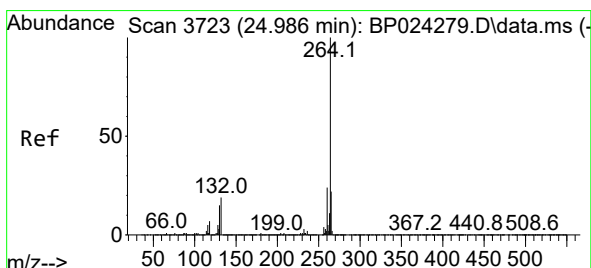
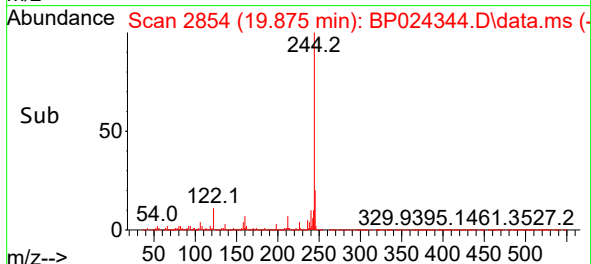
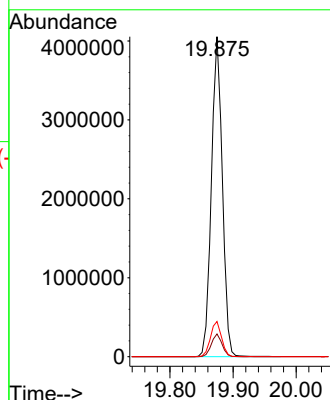
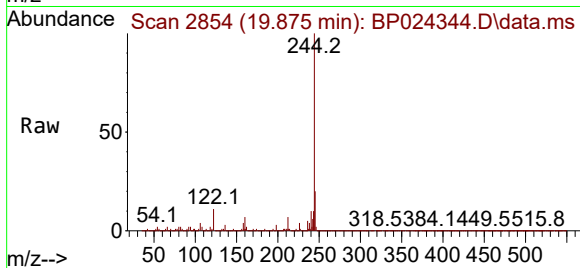
Tgt Ion:244 Resp: 4886341

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.0 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024344.D

Acq: 18 Apr 2025 16:03

Tgt Ion:264 Resp: 1434567

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.5 17.8 26.6

