

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024420.D
 Acq On : 25 Apr 2025 13:02
 Operator : RC/JU
 Sample : PB167706TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167706TB

Quant Time: Apr 25 13:34:22 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	7.716	152	205686	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	801262	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	484542	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	960371	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1018460	20.000	ng	-0.01
86) Perylene-d12	24.921	264	1126784	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1827714	146.925	ng	0.00
7) Phenol-d6	6.904	99	2154872	126.508	ng	0.00
23) Nitrobenzene-d5	8.863	82	1351862	96.204	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	1066101	159.027	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	3120572	98.607	ng	-0.01
79) Terphenyl-d14	19.857	244	5090706	100.750	ng	-0.02

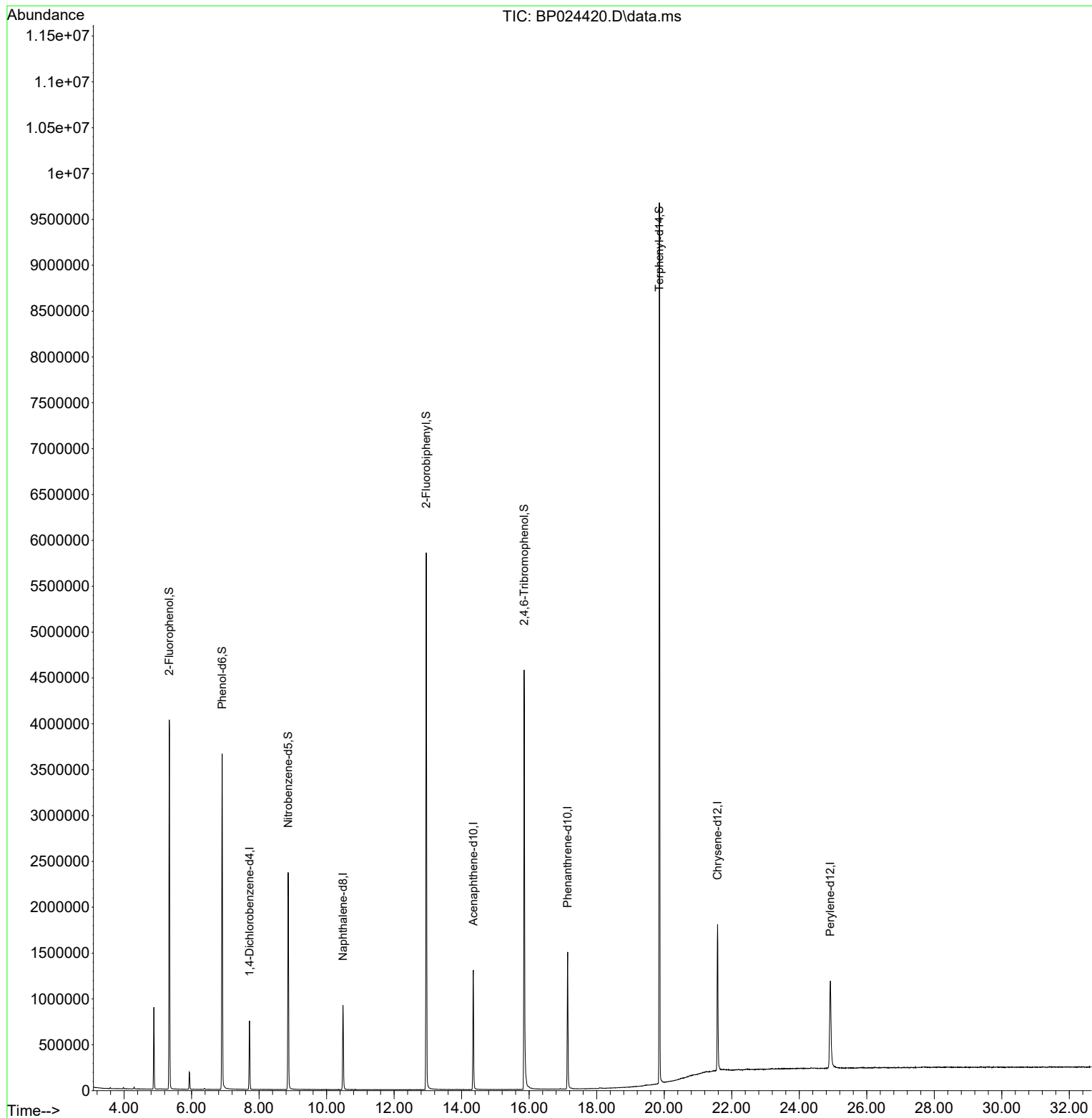
Target Compounds	Qvalue

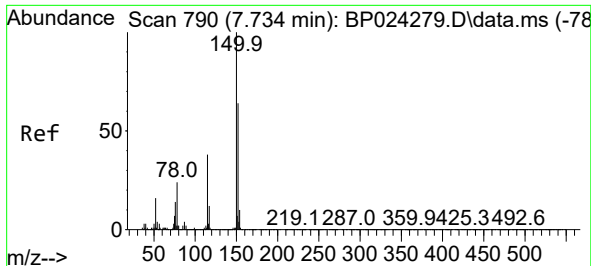
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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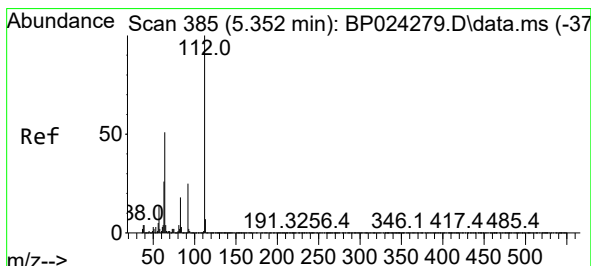
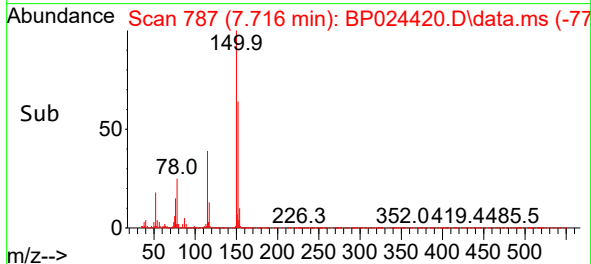
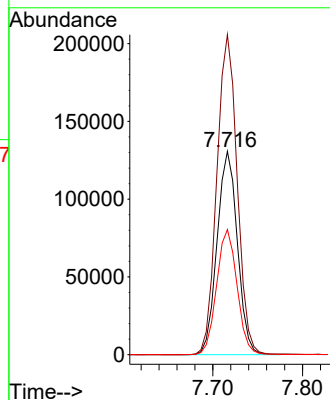
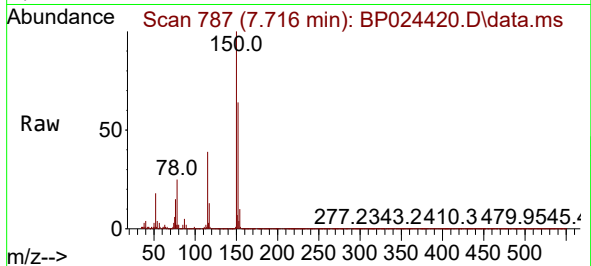




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024420.D
Acq: 25 Apr 2025 13:02

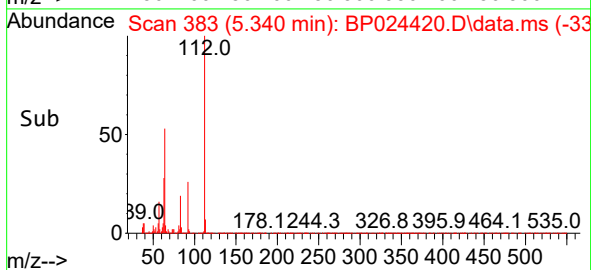
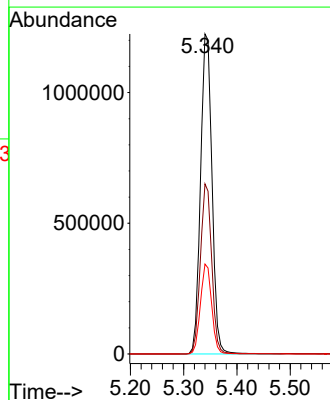
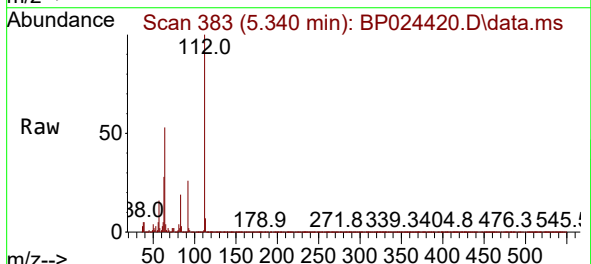
Instrument :
BNA_P
ClientSampleId :
PB167706TB

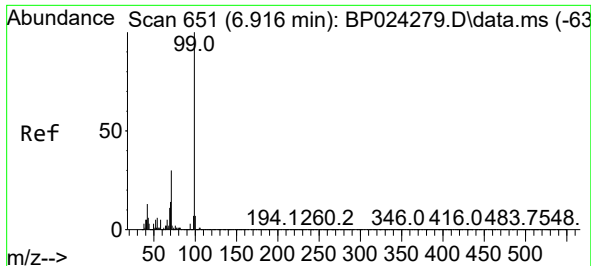
Tgt Ion:152 Resp: 205686
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 61.5 47.7 71.5



#5
2-Fluorophenol
Concen: 146.925 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024420.D
Acq: 25 Apr 2025 13:02

Tgt Ion:112 Resp: 1827714
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 28.1 20.6 30.8

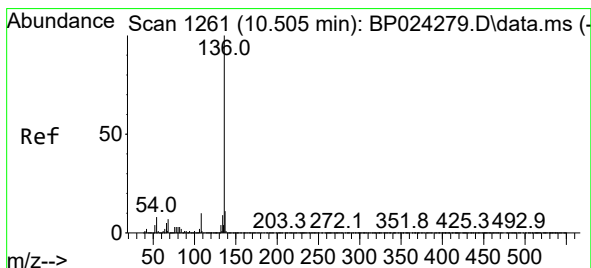
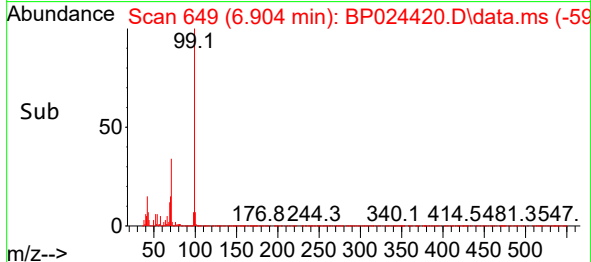
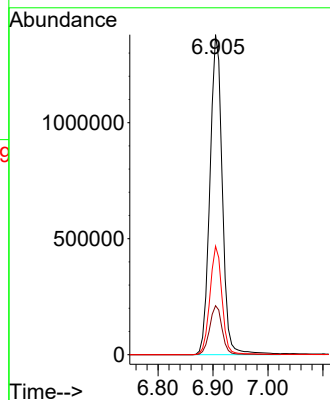
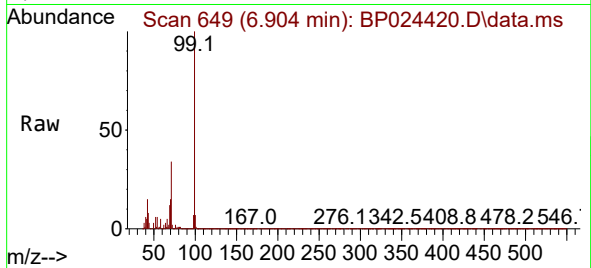




#7
Phenol-d6
Concen: 126.508 ng
RT: 6.904 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024420.D
Acq: 25 Apr 2025 13:02

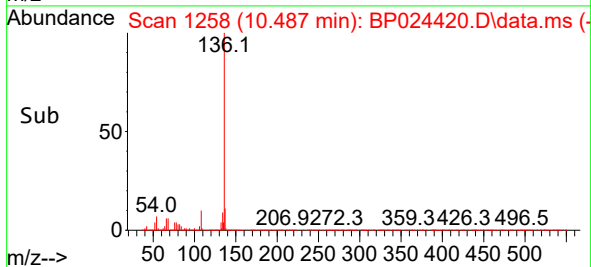
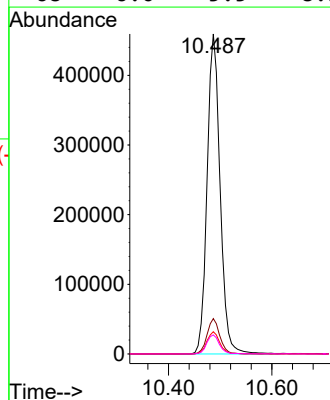
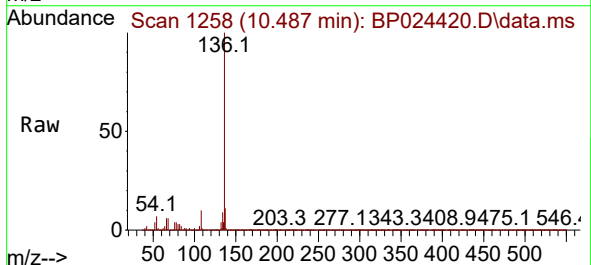
Instrument :
BNA_P
ClientSampleId :
PB167706TB

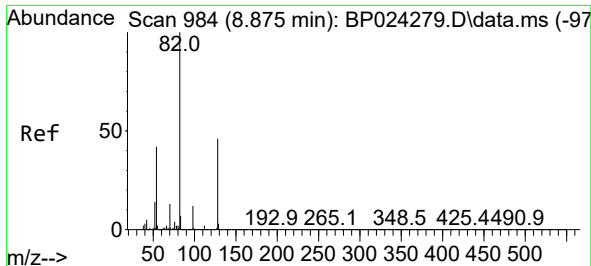
Tgt Ion: 99 Resp: 2154872
Ion Ratio Lower Upper
99 100
42 15.3 10.6 16.0
71 33.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024420.D
Acq: 25 Apr 2025 13:02

Tgt Ion:136 Resp: 801262
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.0 6.0 9.0
68 6.0 5.5 8.3

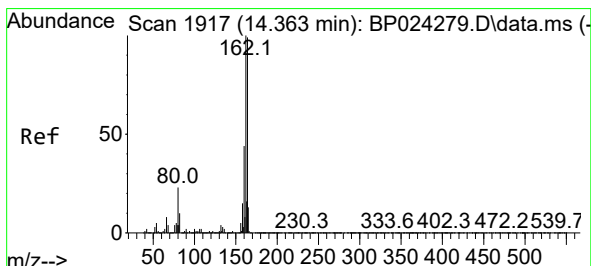
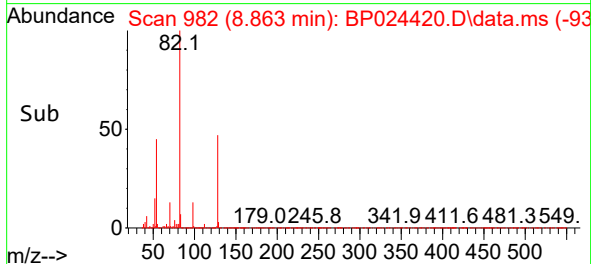
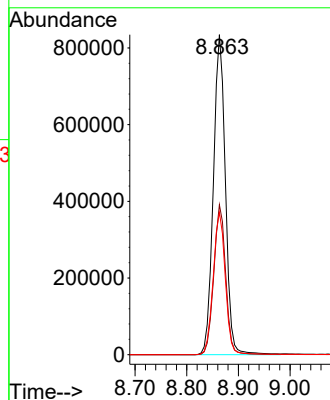
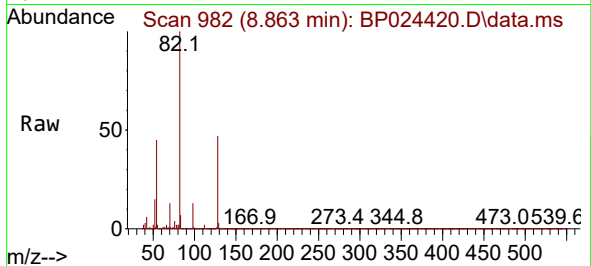




#23
 Nitrobenzene-d5
 Concen: 96.204 ng
 RT: 8.863 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024420.D
 Acq: 25 Apr 2025 13:02

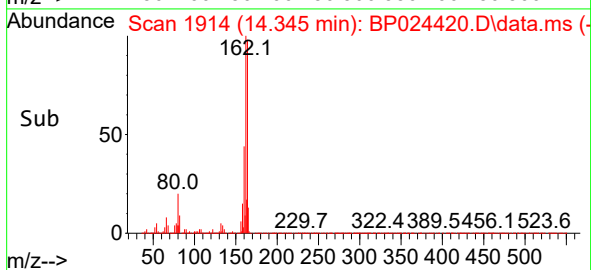
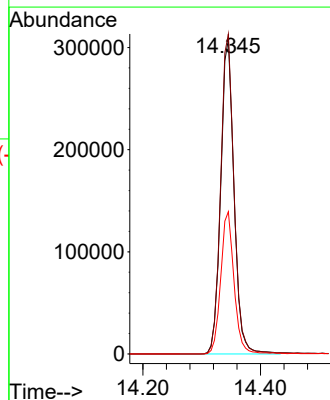
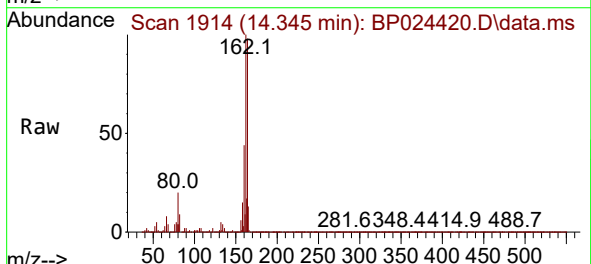
Instrument :
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 ClientSampleId :
 PB167706TB

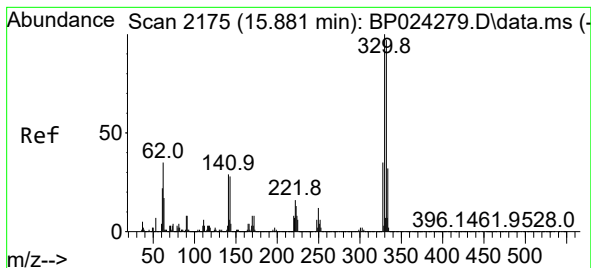
Tgt Ion: 82 Resp: 1351862
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.5 54.7
 54 44.5 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BP024420.D
 Acq: 25 Apr 2025 13:02

Tgt Ion:164 Resp: 484542
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 45.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 159.027 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024420.D

Acq: 25 Apr 2025 13:02

Instrument :

BNA_P

ClientSampleId :

PB167706TB

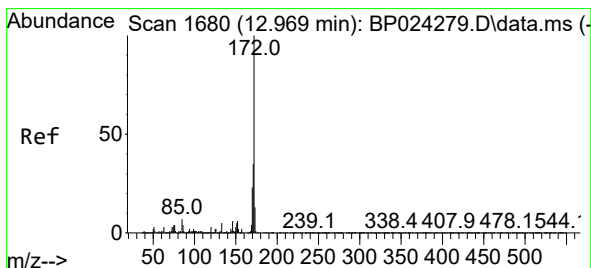
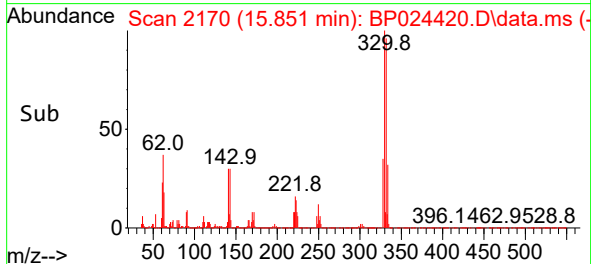
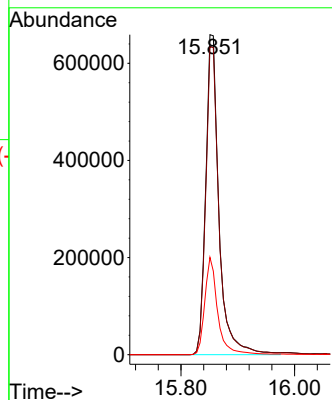
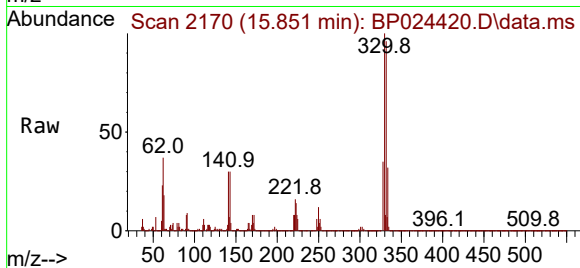
Tgt Ion:330 Resp: 1066101

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 29.6 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 98.607 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024420.D

Acq: 25 Apr 2025 13:02

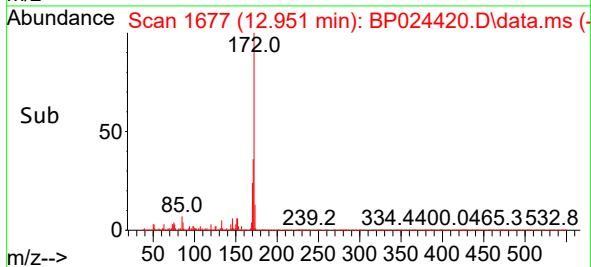
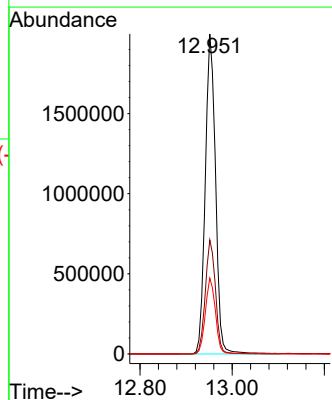
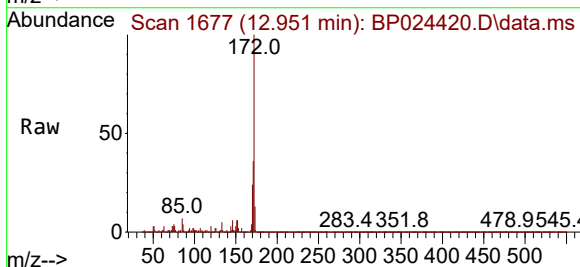
Tgt Ion:172 Resp: 3120572

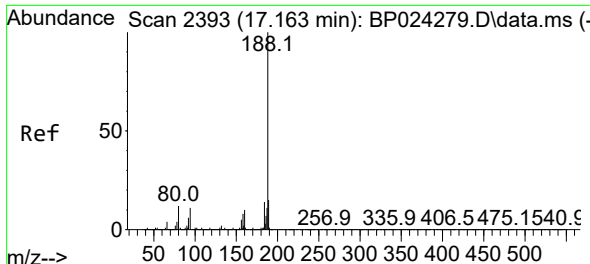
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.7 18.6 27.8

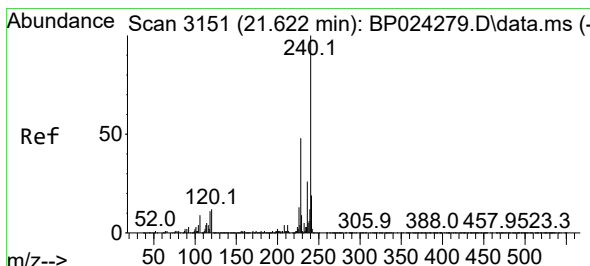
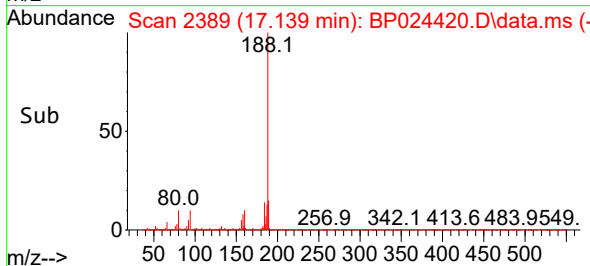
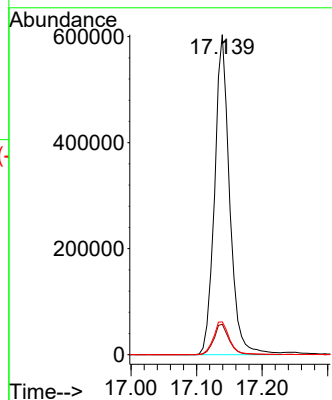
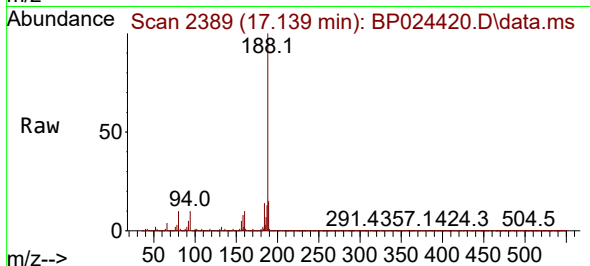




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024420.D
Acq: 25 Apr 2025 13:02

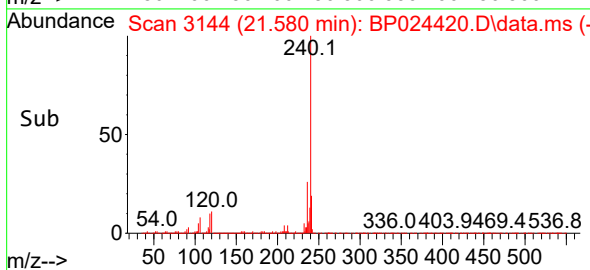
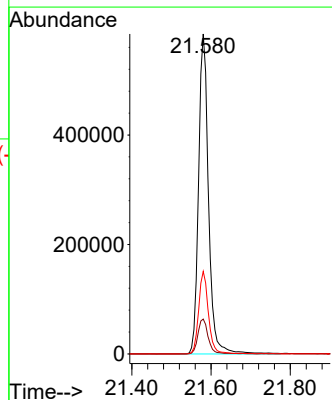
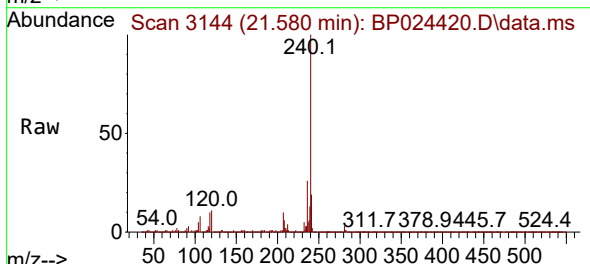
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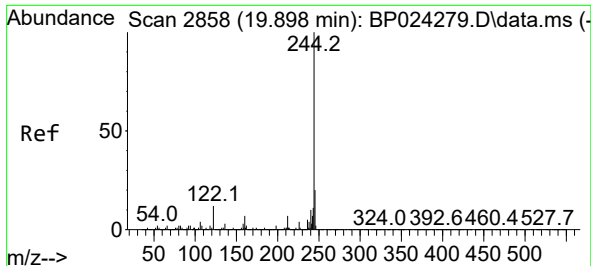
Tgt Ion:188 Resp: 960371
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 10.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024420.D
Acq: 25 Apr 2025 13:02

Tgt Ion:240 Resp: 1018460
Ion Ratio Lower Upper
240 100
120 10.9 9.8 14.8
236 25.8 20.9 31.3

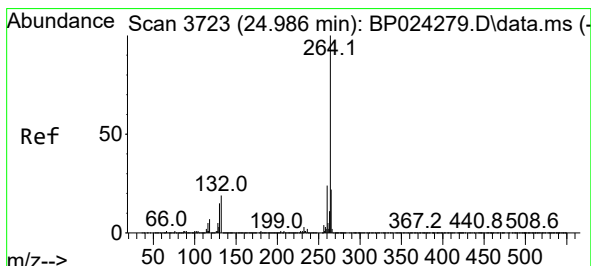
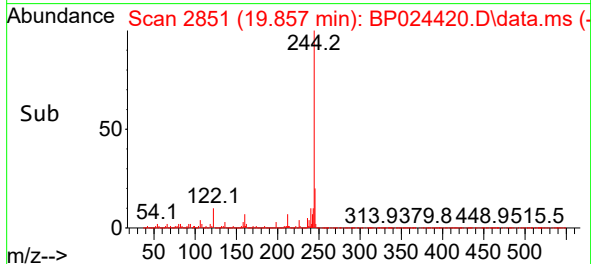
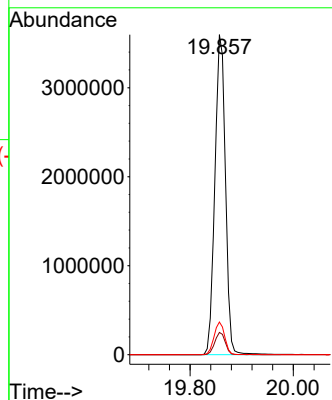
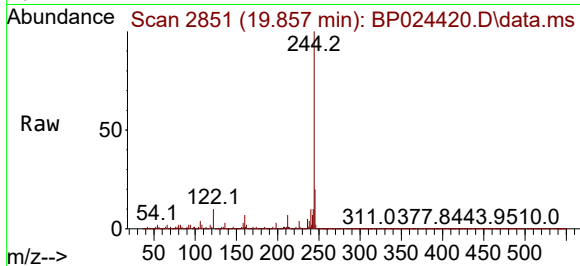




#79
 Terphenyl-d14
 Concen: 100.750 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024420.D
 Acq: 25 Apr 2025 13:02

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 5090706
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.2 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.921 min Scan# 3712
 Delta R.T. -0.012 min
 Lab File: BP024420.D
 Acq: 25 Apr 2025 13:02

Tgt Ion:264 Resp: 1126784
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.8 17.8 26.6

