

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024394.D
 Acq On : 23 Apr 2025 13:27
 Operator : RC/JU
 Sample : PB167660TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167660TB

Quant Time: Apr 23 13:56:58 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	223546	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	891166	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	538193	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1025007	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1045807	20.000	ng	0.00
86) Perylene-d12	24.939	264	1193660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1920255	142.031	ng	0.00
7) Phenol-d6	6.905	99	2362290	127.605	ng	0.00
23) Nitrobenzene-d5	8.869	82	1431310	91.582	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1085213	145.741	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3262478	92.815	ng	0.00
79) Terphenyl-d14	19.875	244	5014982	96.656	ng	0.00

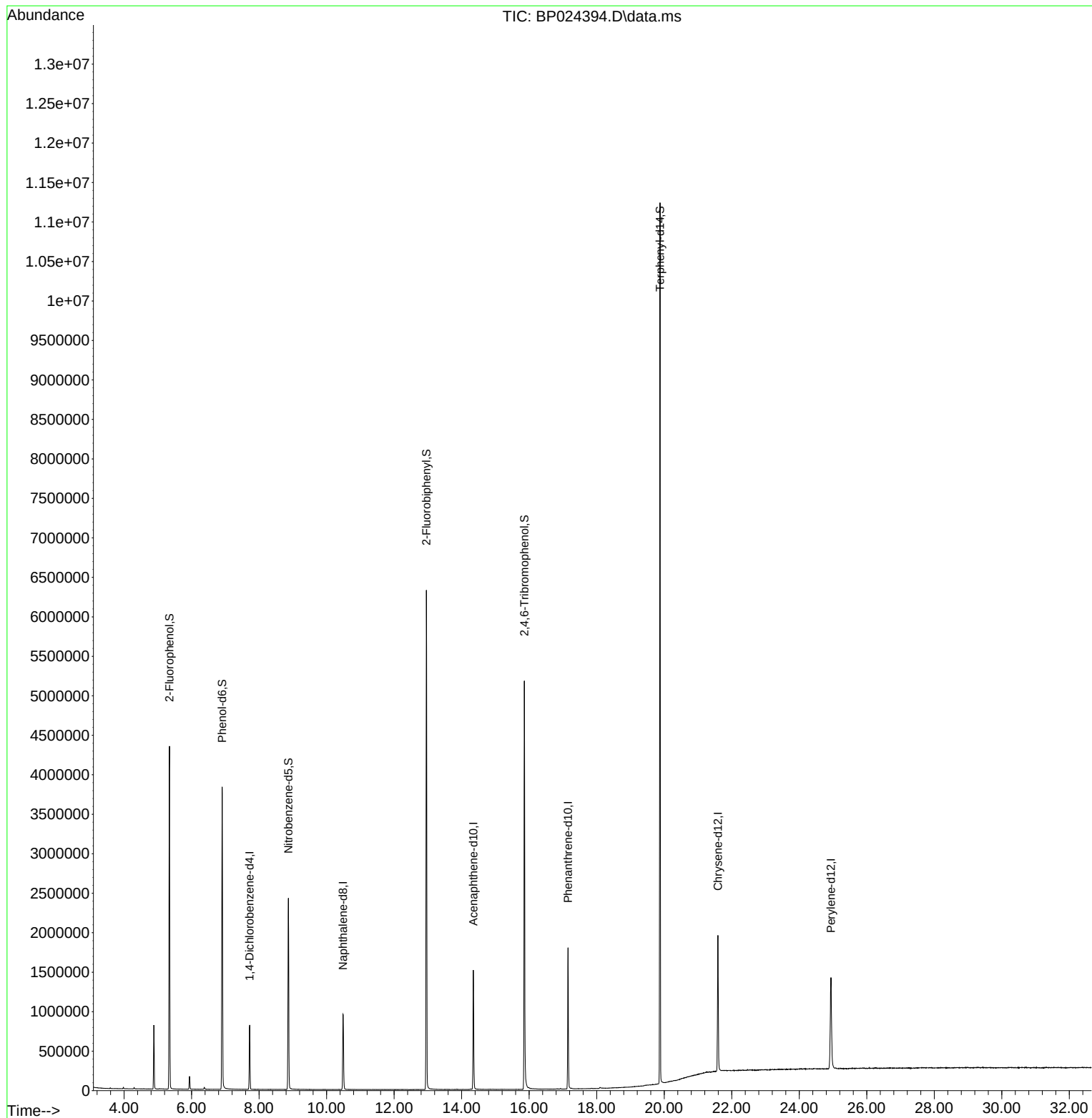
Target Compounds	Qvalue

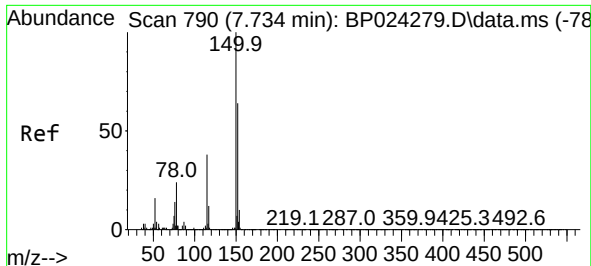
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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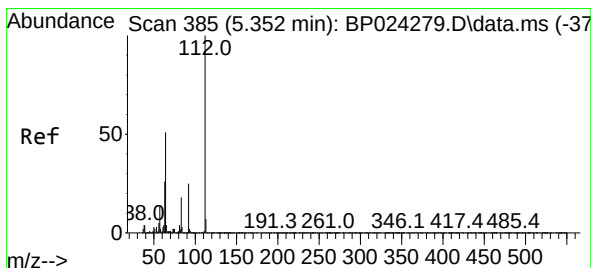
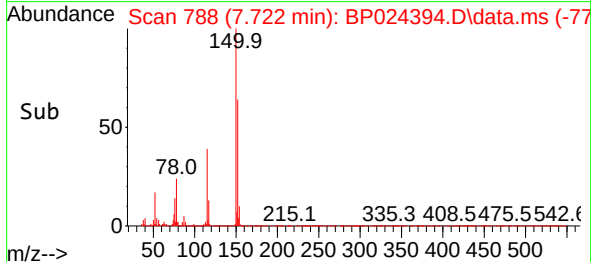
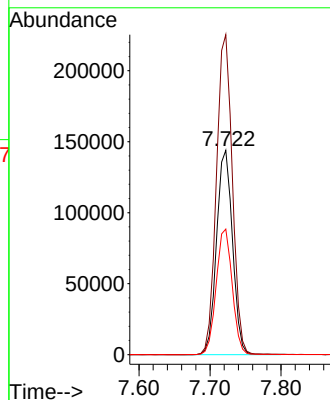
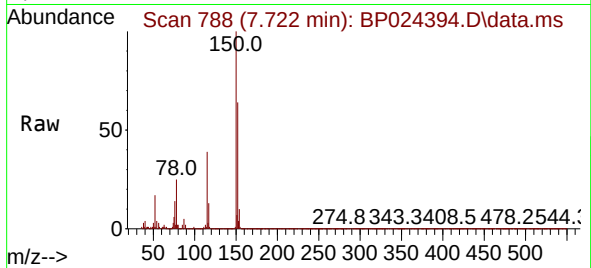




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

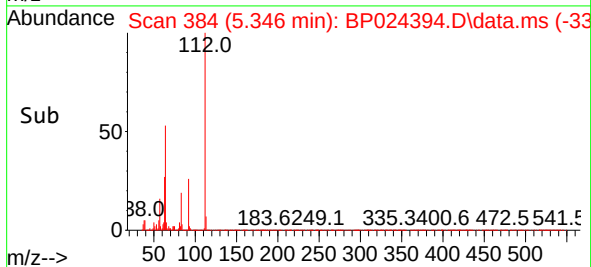
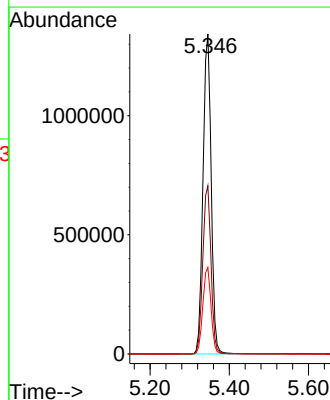
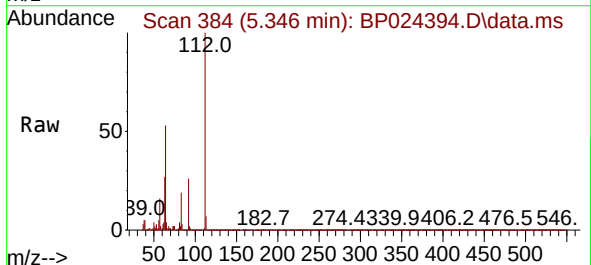
Instrument :
BNA_P
ClientSampleId :
PB167660TB

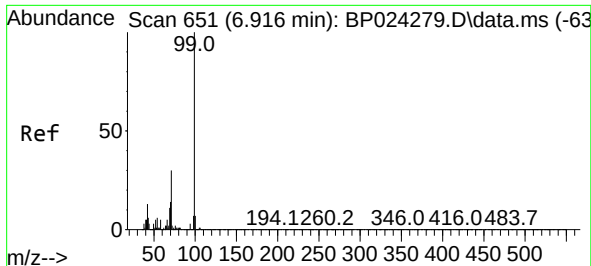
Tgt Ion:152 Resp: 223546
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 61.5 47.7 71.5



#5
2-Fluorophenol
Concen: 142.031 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

Tgt Ion:112 Resp: 1920255
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 27.0 20.6 30.8

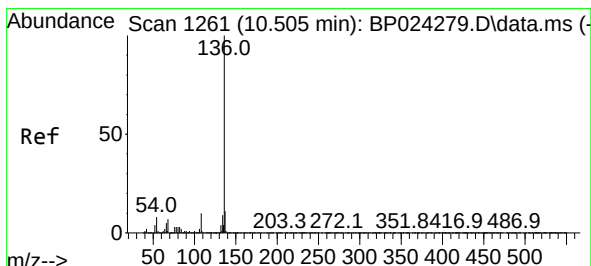
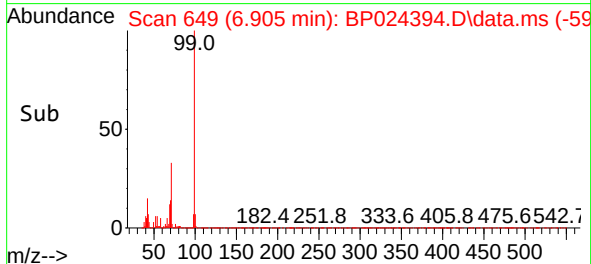
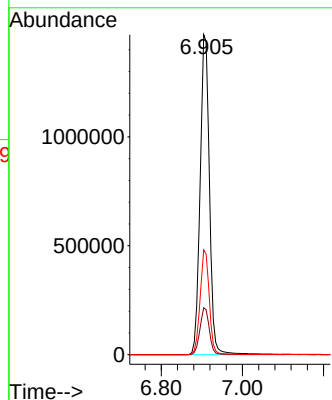
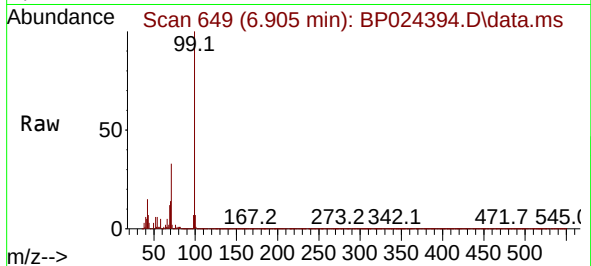




#7
Phenol-d6
Concen: 127.605 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

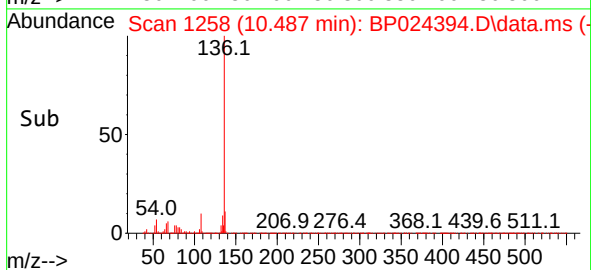
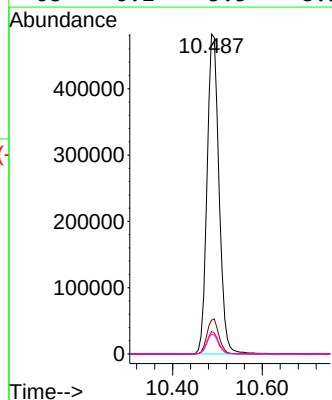
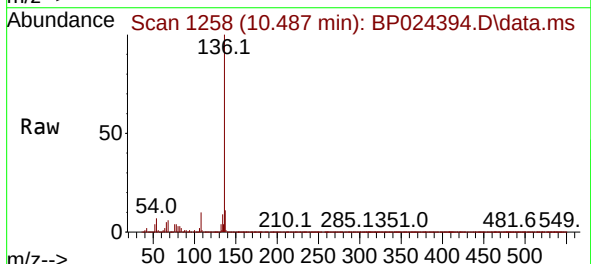
Instrument :
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ClientSampleId :
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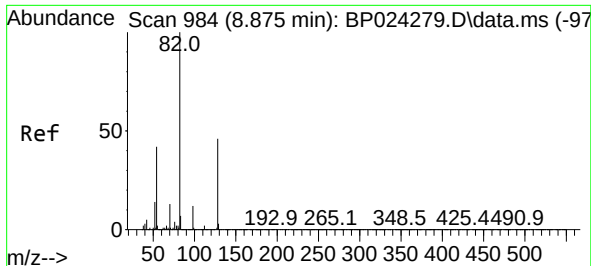
Tgt Ion: 99 Resp: 2362290
Ion Ratio Lower Upper
99 100
42 14.7 10.6 16.0
71 32.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

Tgt Ion:136 Resp: 891166
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.0 6.0 9.0
68 6.2 5.5 8.3

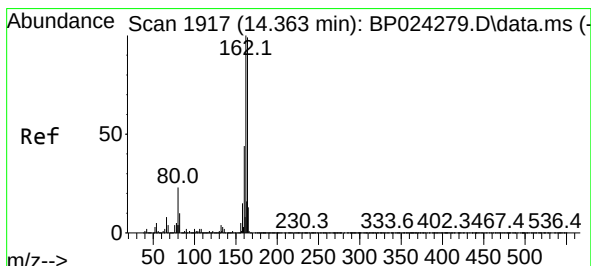
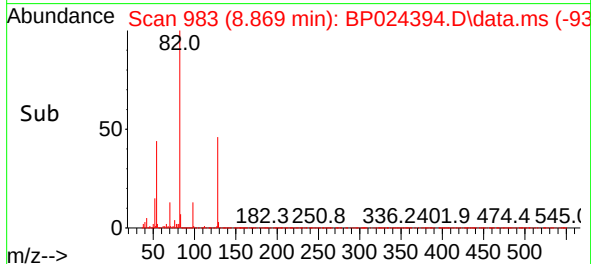
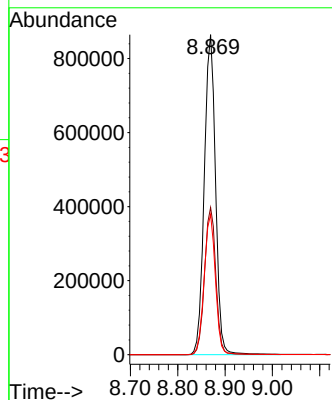
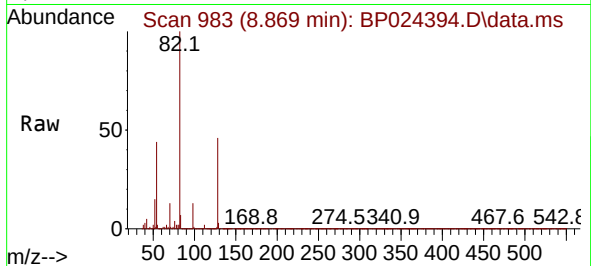




#23
Nitrobenzene-d5
Concen: 91.582 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

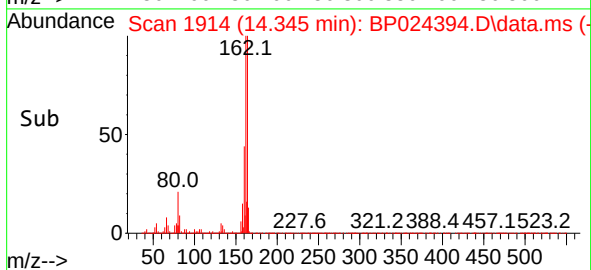
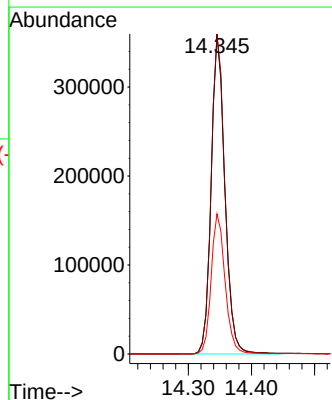
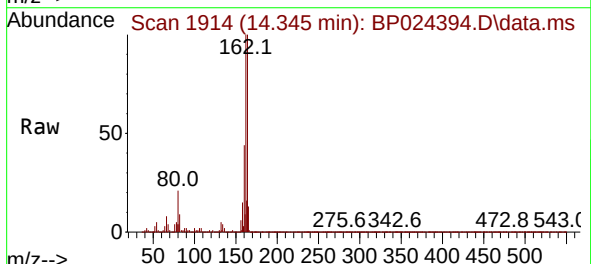
Instrument :
BNA_P
ClientSampleId :
PB167660TB

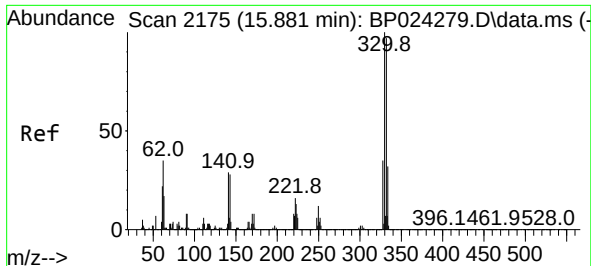
Tgt Ion: 82 Resp: 1431310
Ion Ratio Lower Upper
82 100
128 46.0 36.5 54.7
54 43.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

Tgt Ion: 164 Resp: 538193
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.0 35.3 52.9

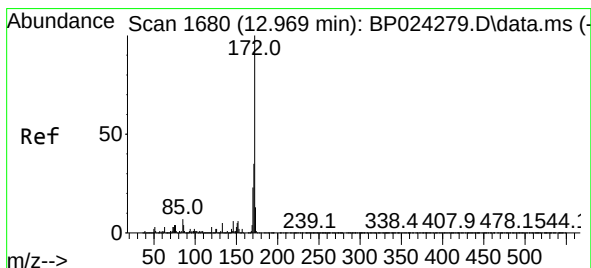
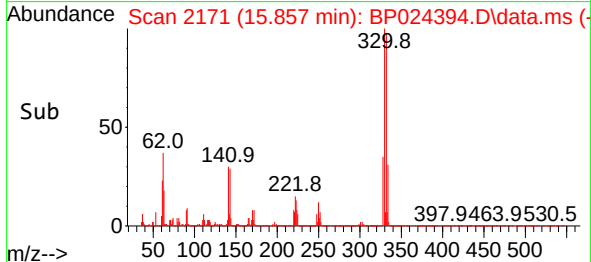
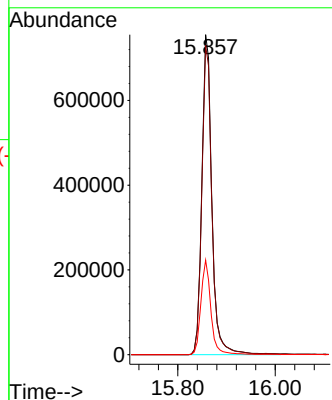
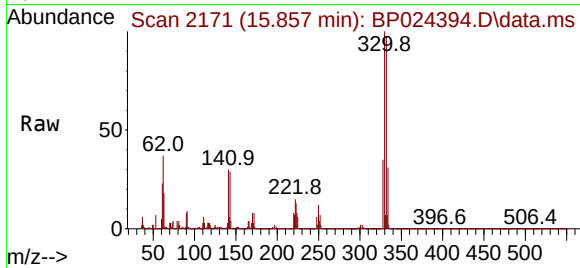




#42
2,4,6-Tribromophenol
Concen: 145.741 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

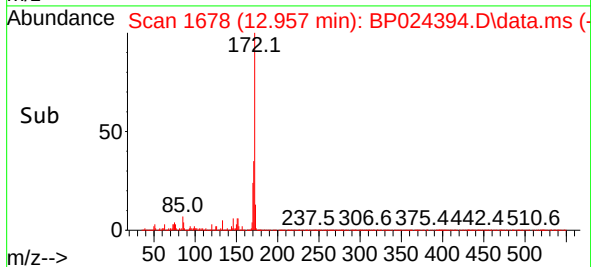
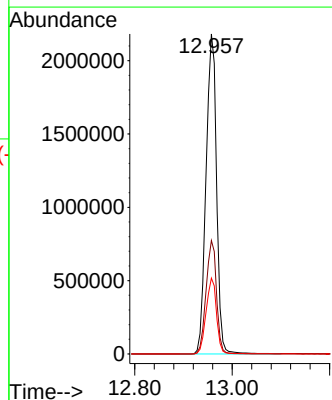
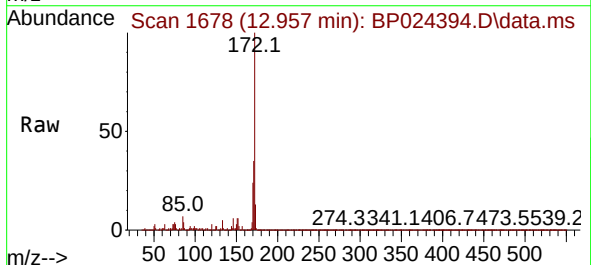
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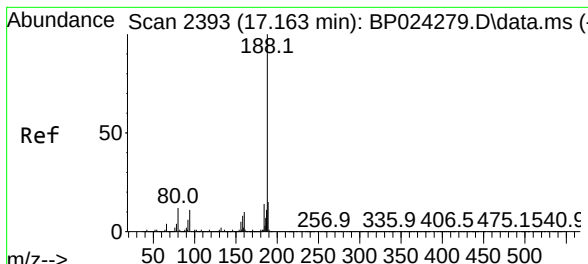
Tgt Ion:330 Resp: 1085213
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 92.815 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

Tgt Ion:172 Resp: 3262478
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.7 18.6 27.8

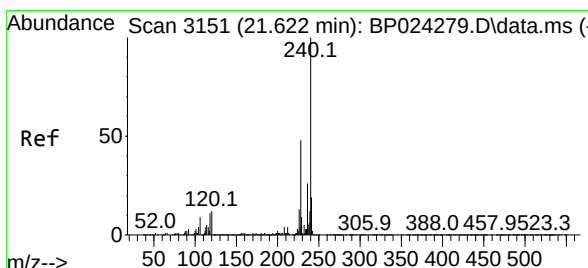
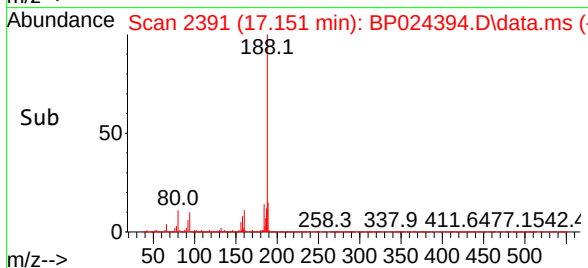
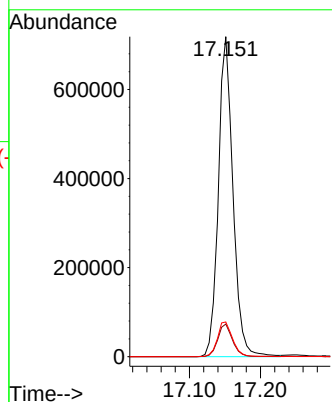
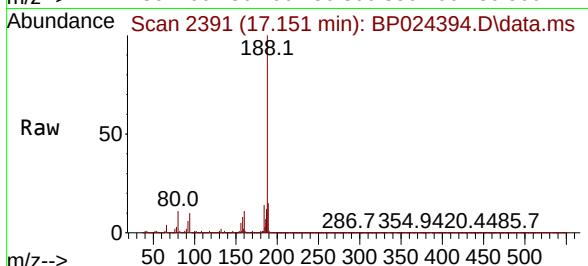




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

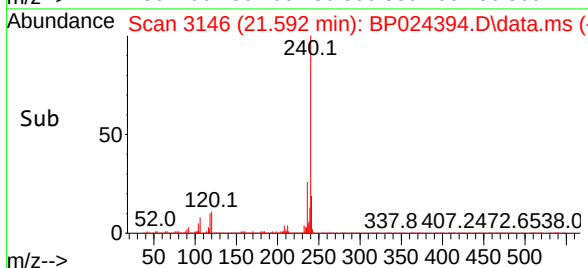
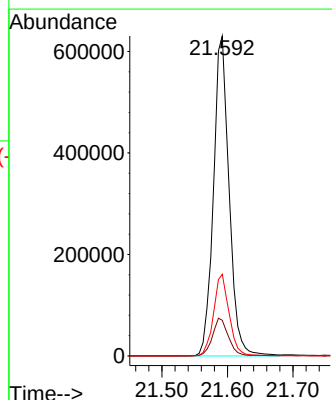
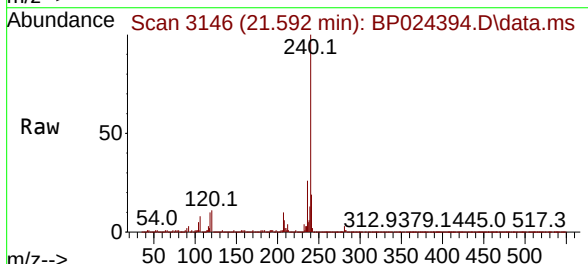
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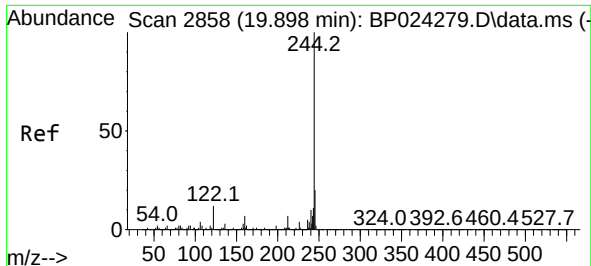
Tgt Ion:188 Resp: 1025007
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 10.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024394.D
Acq: 23 Apr 2025 13:27

Tgt Ion:240 Resp: 1045807
Ion Ratio Lower Upper
240 100
120 11.2 9.8 14.8
236 25.5 20.9 31.3

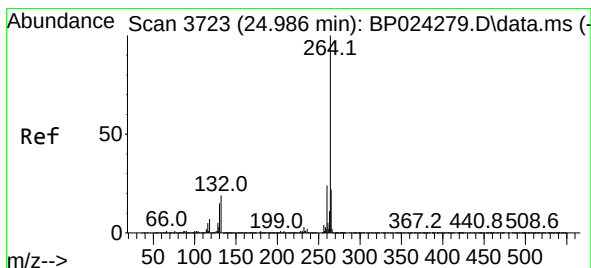
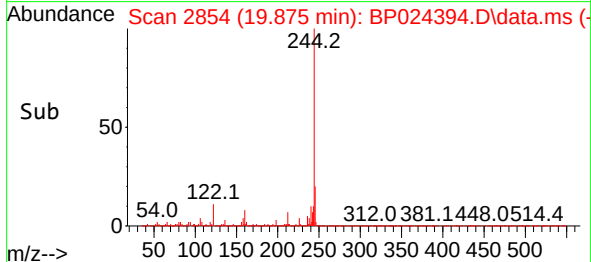
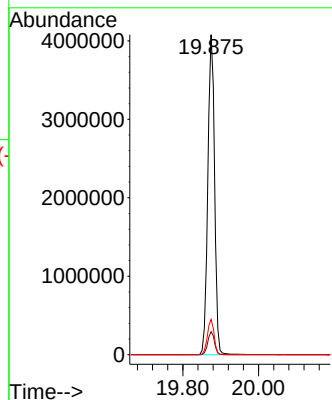
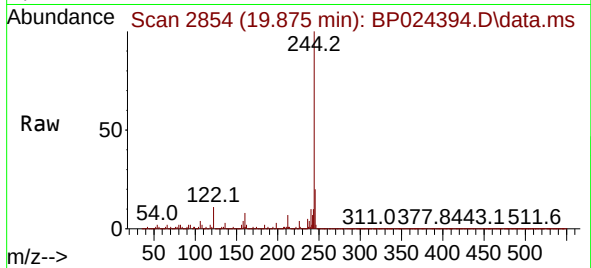




#79
 Terphenyl-d14
 Concen: 96.656 ng
 RT: 19.875 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024394.D
 Acq: 23 Apr 2025 13:27

Instrument :
 BNA_P
 ClientSampleId :
 PB167660TB

Tgt Ion:244 Resp: 5014982
 Ion Ratio Lower Upper
 244 100
 212 7.2 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: BP024394.D
 Acq: 23 Apr 2025 13:27

Tgt Ion:264 Resp: 1193660
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.9 17.8 26.6

