

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024386.D
 Acq On : 22 Apr 2025 20:08
 Operator : RC/JU
 Sample : Q1842-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-11

Quant Time: Apr 23 02:31:14 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	194631	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	765354	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	475533	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	999858	20.000	ng	0.01
76) Chrysene-d12	21.592	240	1134491	20.000	ng	0.00
86) Perylene-d12	24.945	264	1284299	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1438451	122.201	ng	0.00
7) Phenol-d6	6.905	99	1749036	108.514	ng	0.00
23) Nitrobenzene-d5	8.869	82	1247729	92.960	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	997708	151.645	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2788206	89.774	ng	0.00
79) Terphenyl-d14	19.886	244	5518009	98.038	ng	0.01

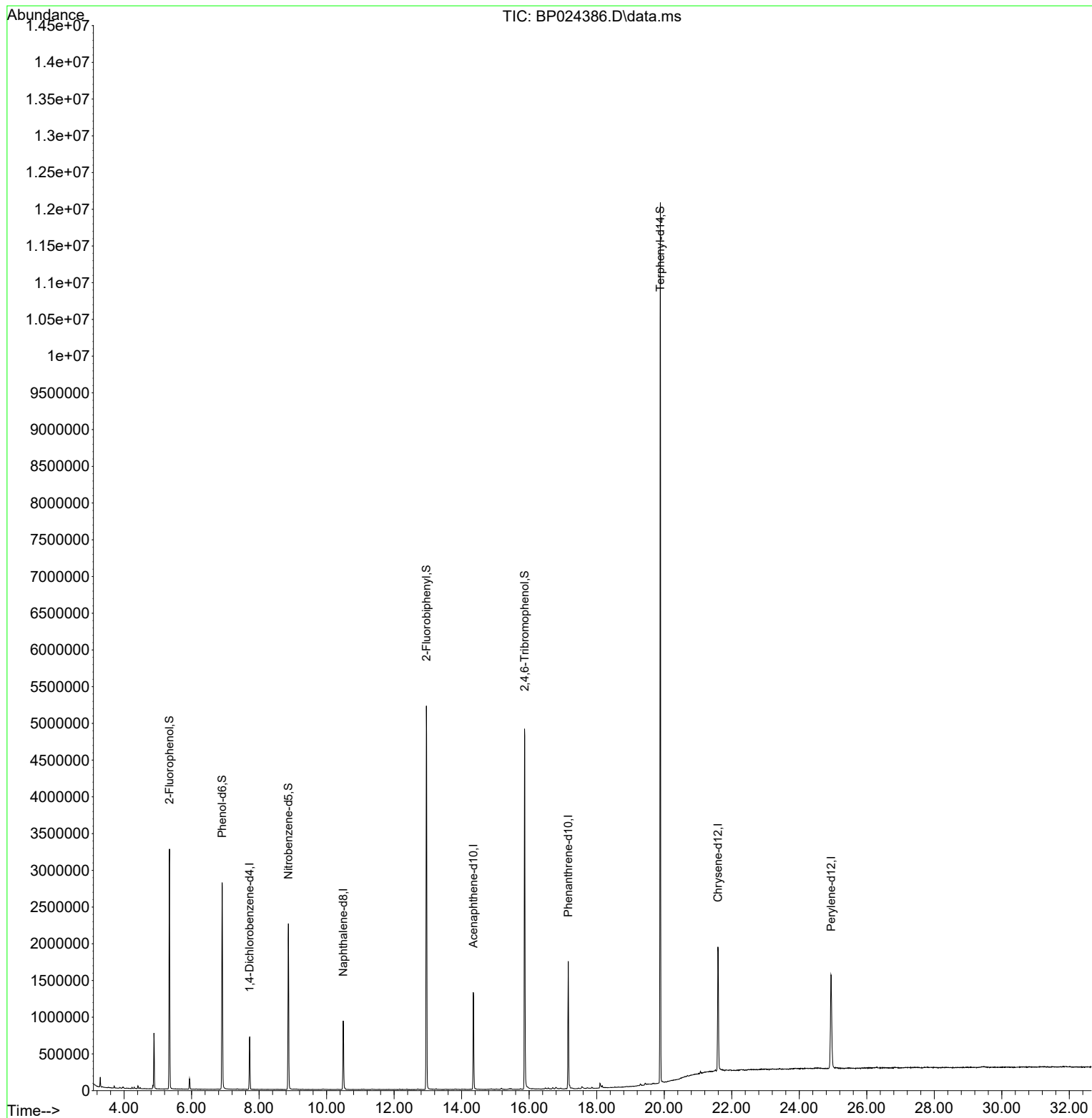
Target Compounds	Qvalue

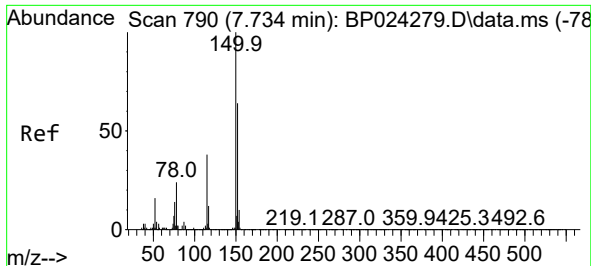
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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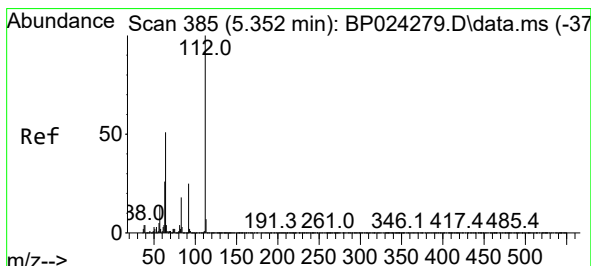
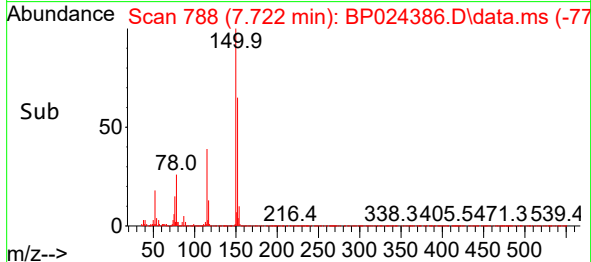
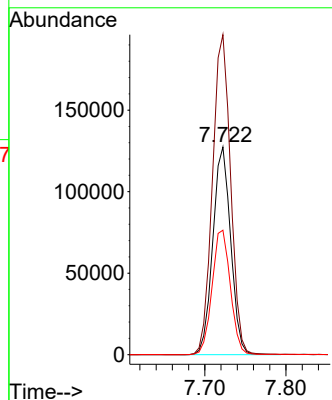
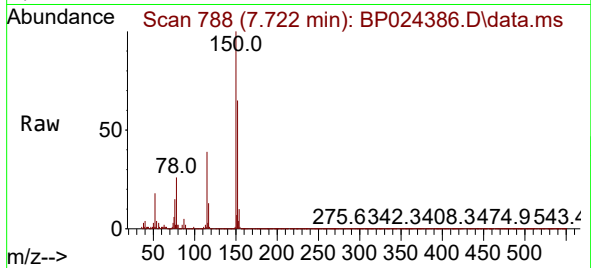




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

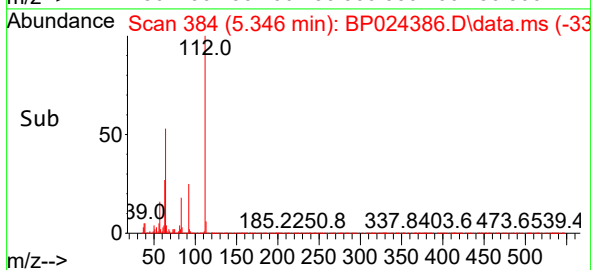
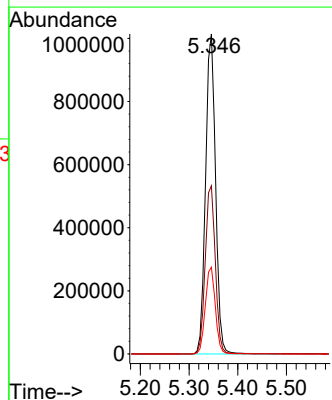
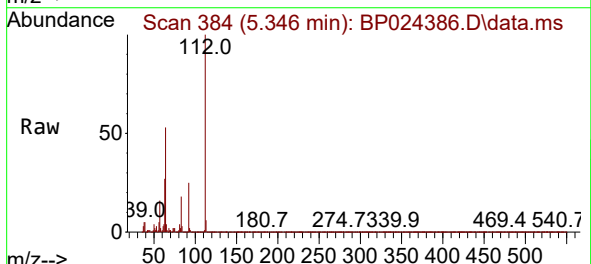
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

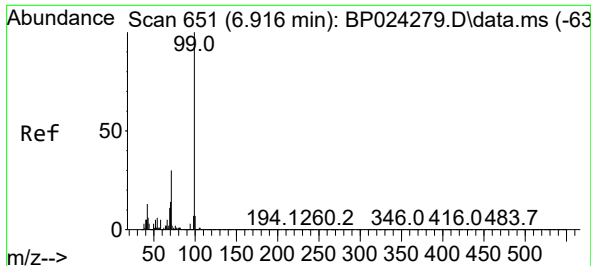
Tgt Ion:152 Resp: 194631
Ion Ratio Lower Upper
152 100
150 154.0 124.9 187.3
115 59.9 47.7 71.5



#5
2-Fluorophenol
Concen: 122.201 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

Tgt Ion:112 Resp: 1438451
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 27.1 20.6 30.8

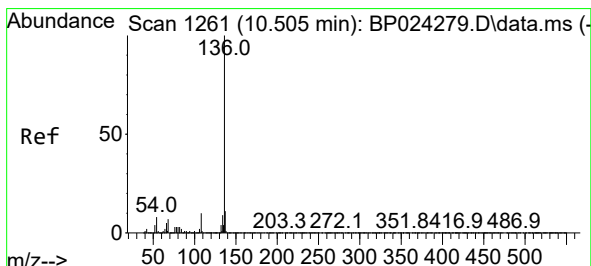
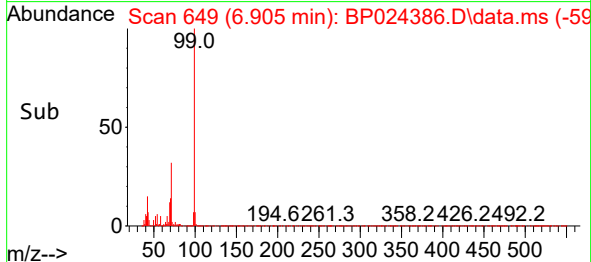
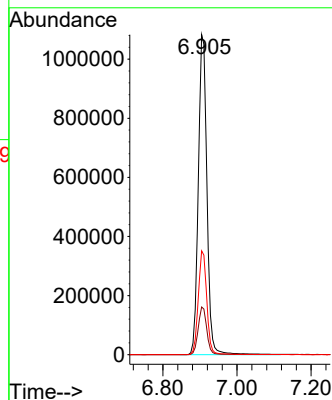
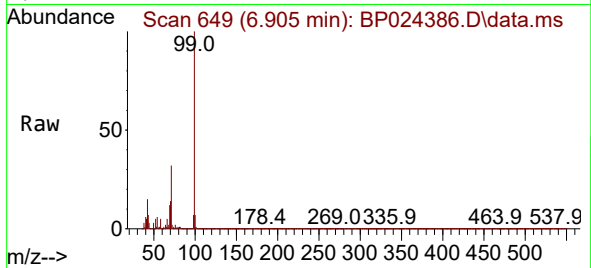




#7
Phenol-d6
Concen: 108.514 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

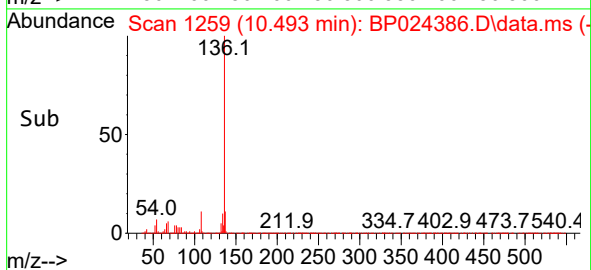
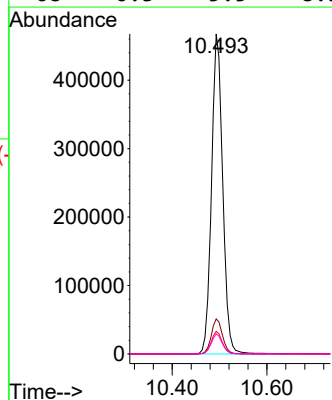
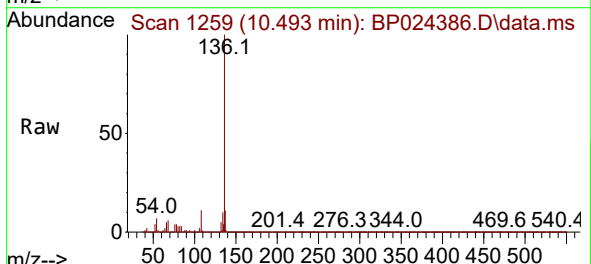
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-11

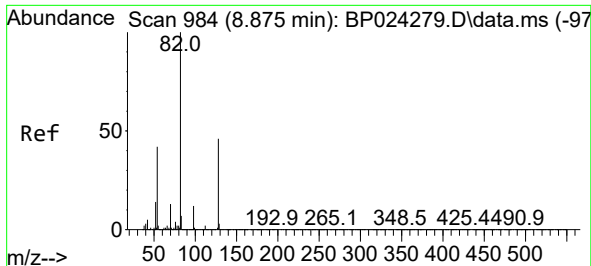
Tgt Ion: 99 Resp: 1749036
Ion Ratio Lower Upper
99 100
42 14.9 10.6 16.0
71 32.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

Tgt Ion: 136 Resp: 765354
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.0 6.0 9.0
68 6.3 5.5 8.3

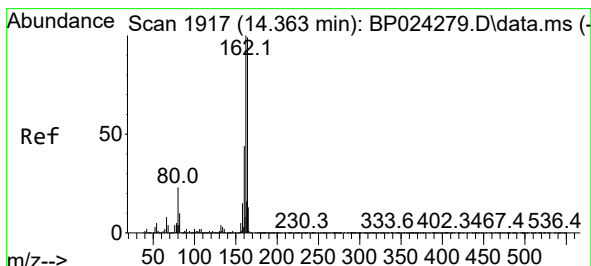
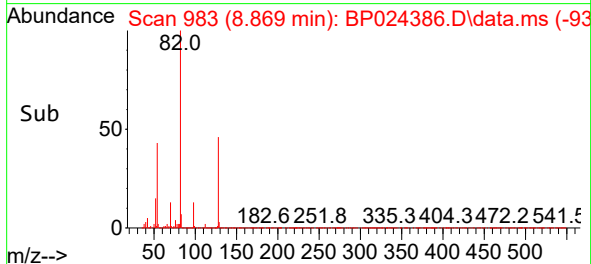
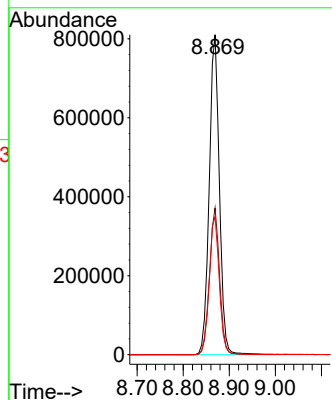
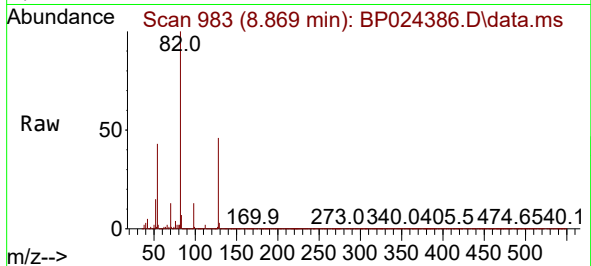




#23
Nitrobenzene-d5
Concen: 92.960 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

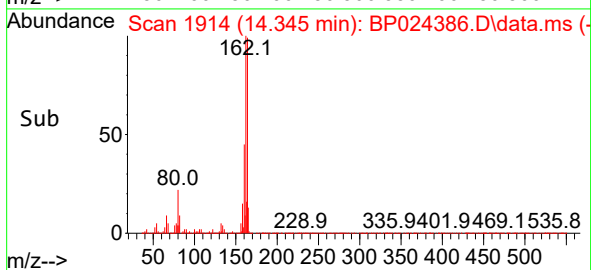
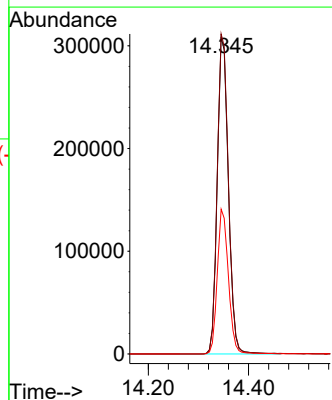
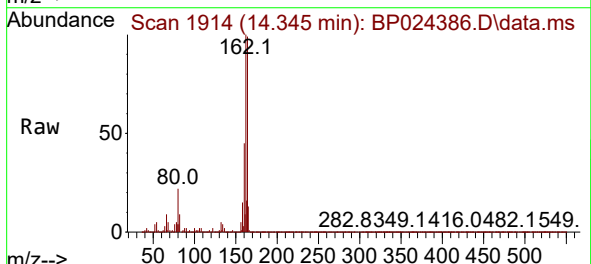
Instrument :
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ClientSampleId :
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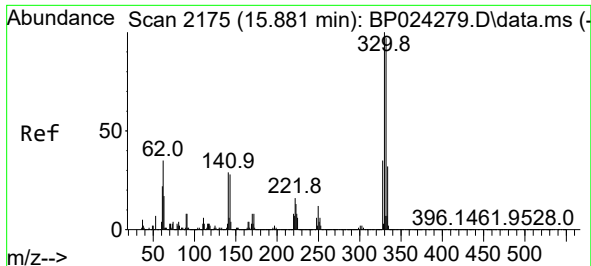
Tgt Ion: 82 Resp: 1247729
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 43.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

Tgt Ion: 164 Resp: 475533
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.7 35.3 52.9

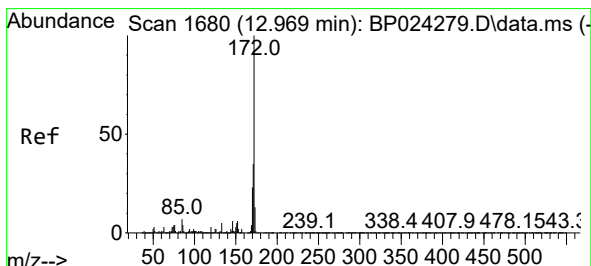
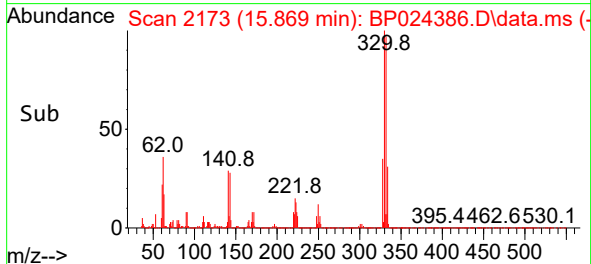
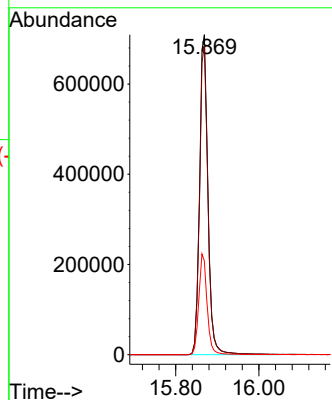
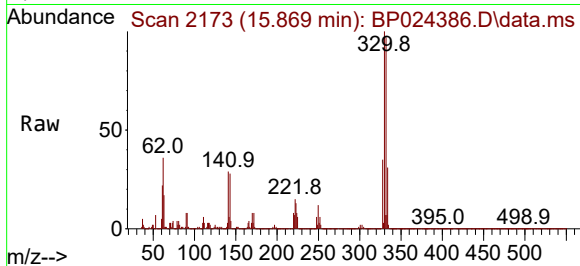




#42
2,4,6-Tribromophenol
Concen: 151.645 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

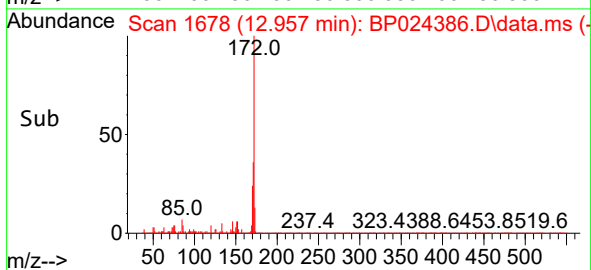
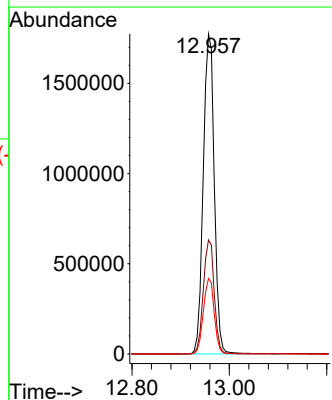
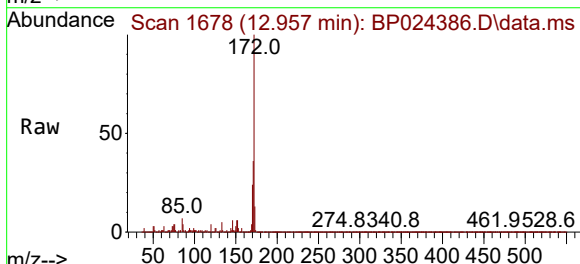
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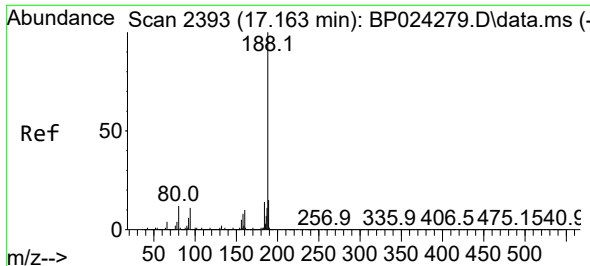
Tgt Ion:330 Resp: 997708
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 31.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 89.774 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

Tgt Ion:172 Resp: 2788206
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.6 18.6 27.8

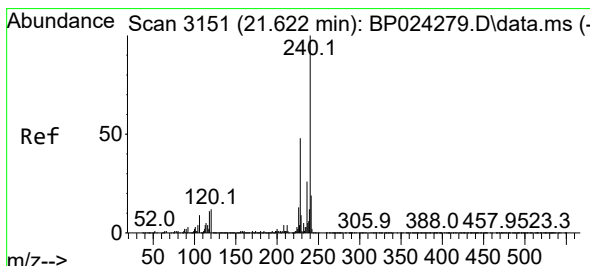
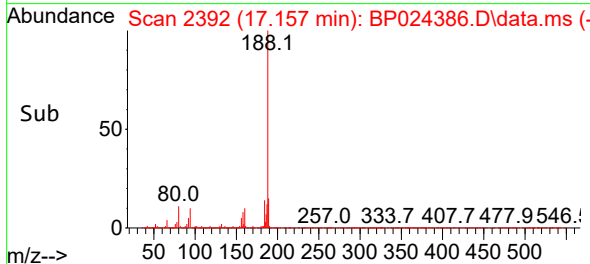
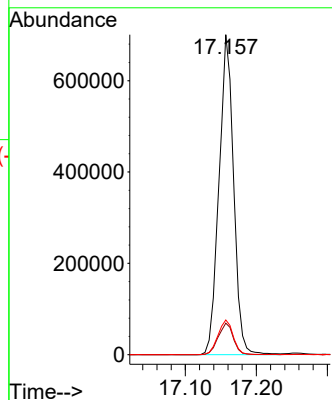
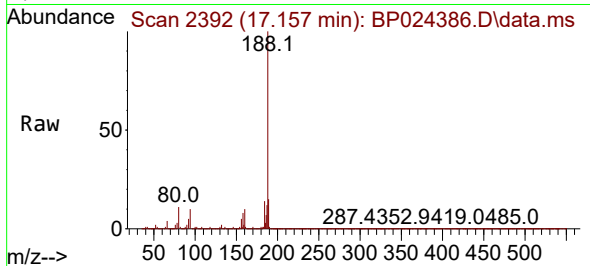




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

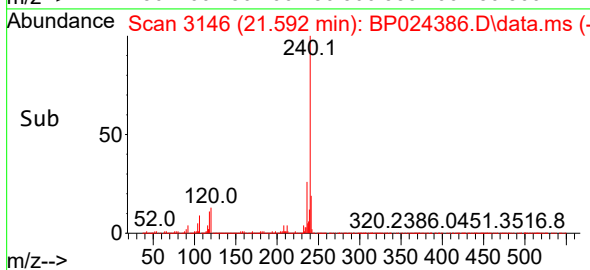
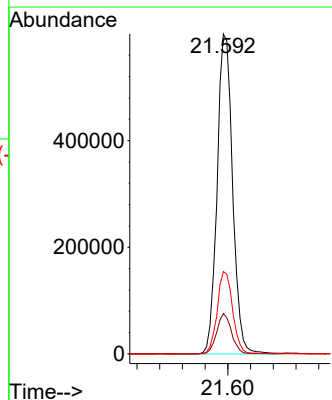
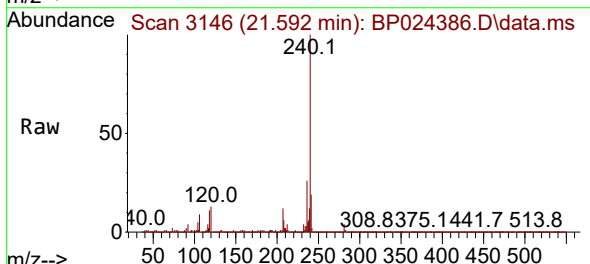
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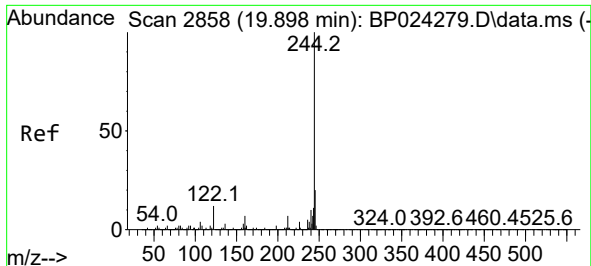
Tgt Ion:188 Resp: 999858
Ion Ratio Lower Upper
188 100
94 9.9 8.6 13.0
80 10.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024386.D
Acq: 22 Apr 2025 20:08

Tgt Ion:240 Resp: 1134491
Ion Ratio Lower Upper
240 100
120 12.6 9.8 14.8
236 25.8 20.9 31.3

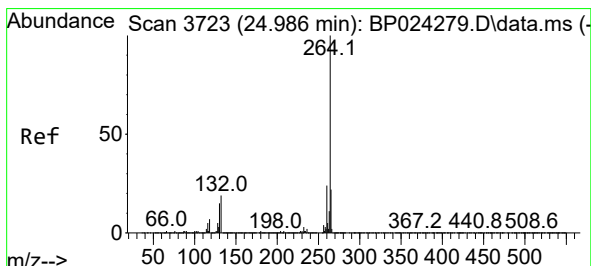
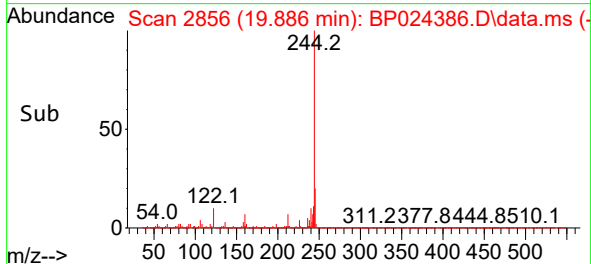
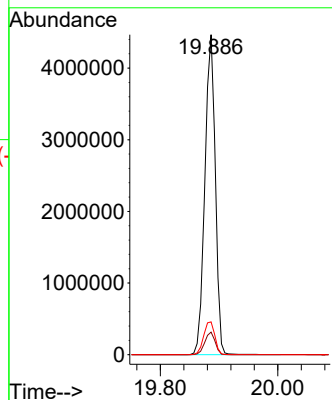
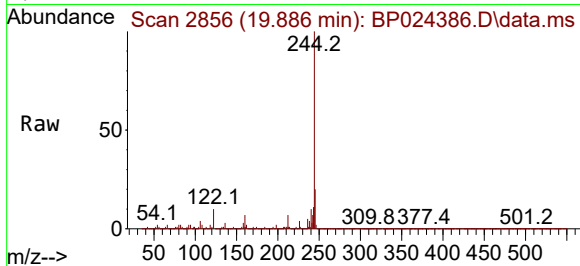




#79
 Terphenyl-d14
 Concen: 98.038 ng
 RT: 19.886 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP024386.D
 Acq: 22 Apr 2025 20:08

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Tgt Ion:244 Resp: 5518009
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.3 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.945 min Scan# 3716
 Delta R.T. 0.012 min
 Lab File: BP024386.D
 Acq: 22 Apr 2025 20:08

Tgt Ion:264 Resp: 1284299
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.7 17.8 26.6

