

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024436.D
 Acq On : 28 Apr 2025 14:15
 Operator : RC/JU
 Sample : PB167739BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167739BL

Quant Time: Apr 28 15:00:08 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	161610	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	627258	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	404300	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	823026	20.000	ng	0.00
76) Chrysene-d12	21.598	240	921647	20.000	ng	0.00
86) Perylene-d12	24.945	264	1045314	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1247738	127.658	ng	0.00
7) Phenol-d6	6.905	99	1536948	114.839	ng	0.00
23) Nitrobenzene-d5	8.863	82	930219	84.562	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	874098	156.265	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2251210	85.255	ng	-0.01
79) Terphenyl-d14	19.880	244	4166800	91.128	ng	0.00

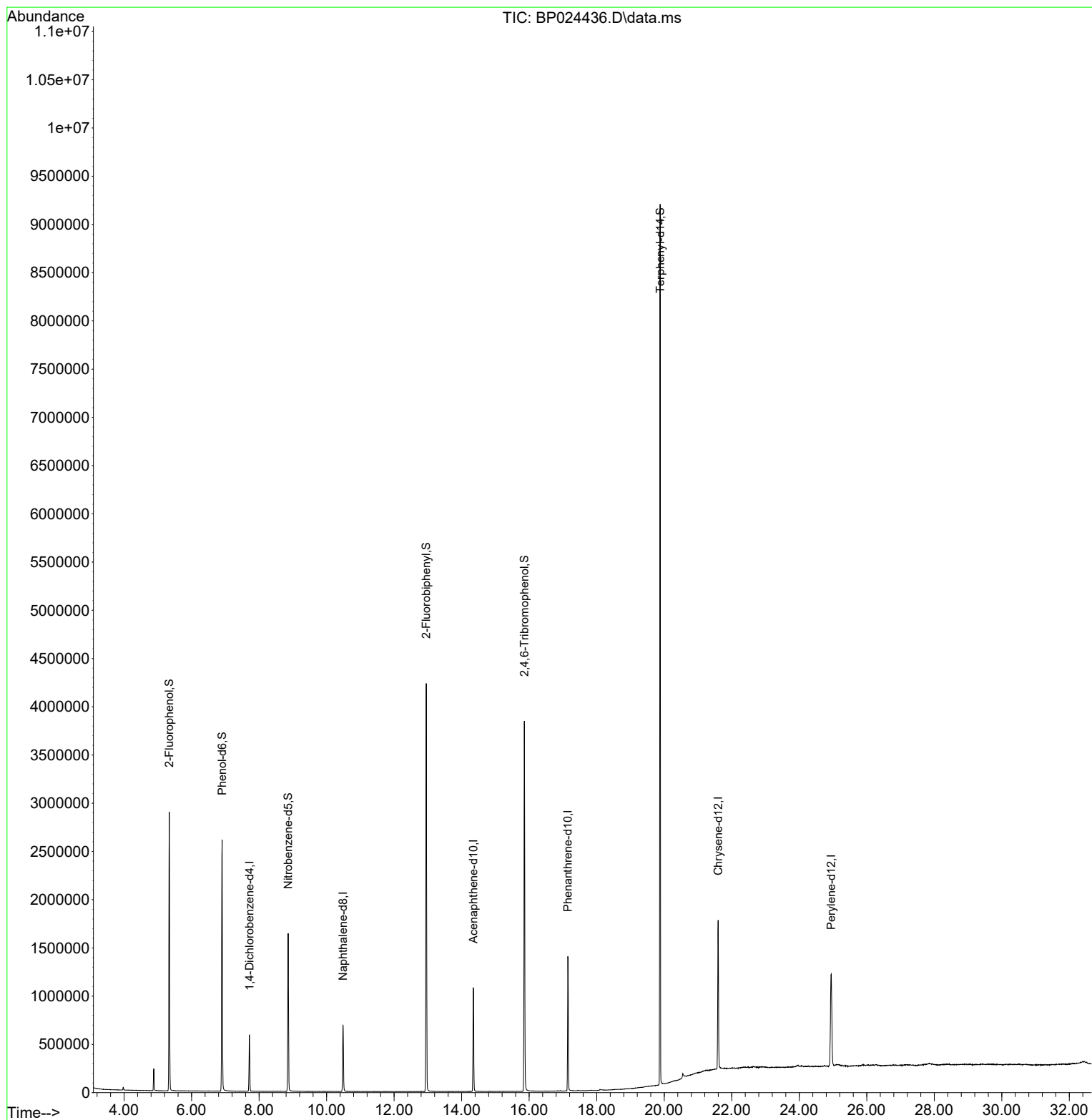
Target Compounds	Qvalue

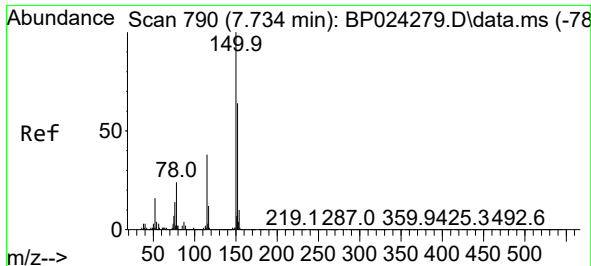
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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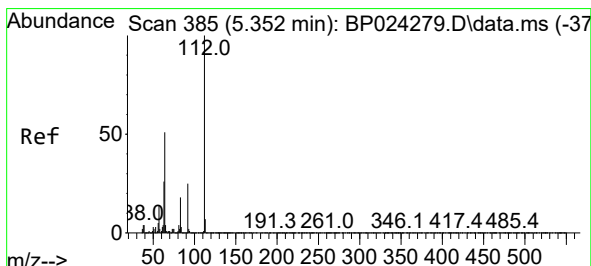
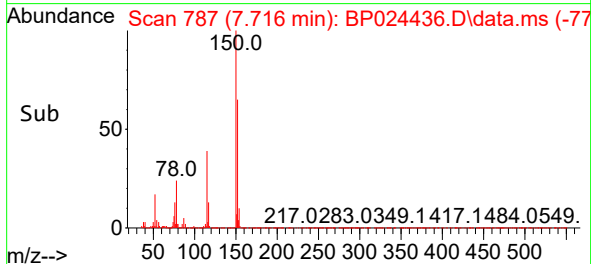
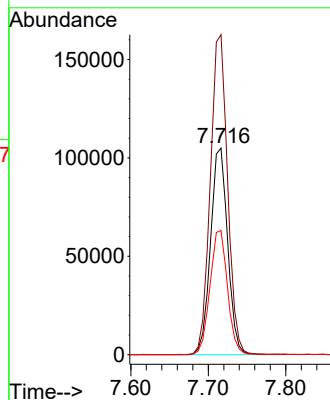
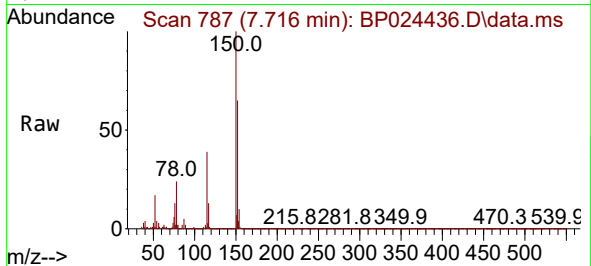




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

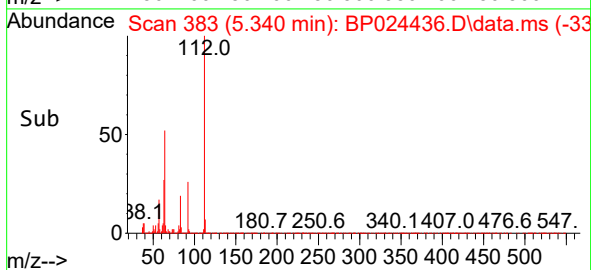
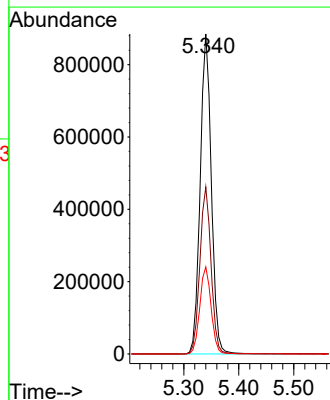
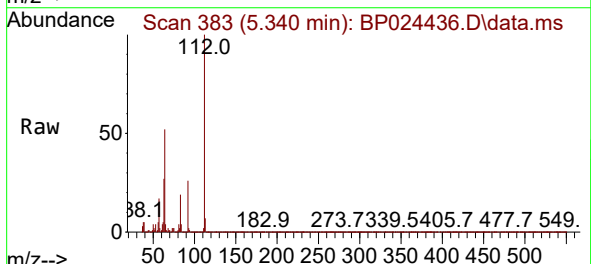
Instrument :
BNA_P
ClientSampleId :
PB167739BL

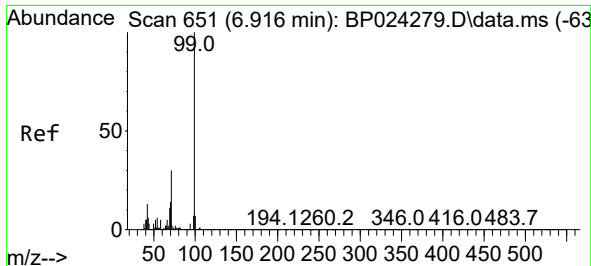
Tgt Ion:152 Resp: 161610
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 60.1 47.7 71.5



#5
2-Fluorophenol
Concen: 127.658 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

Tgt Ion:112 Resp: 1247738
Ion Ratio Lower Upper
112 100
64 52.2 41.1 61.7
63 27.2 20.6 30.8

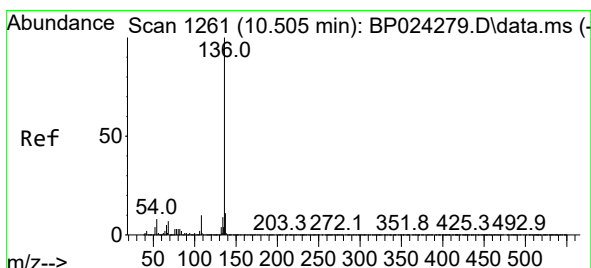
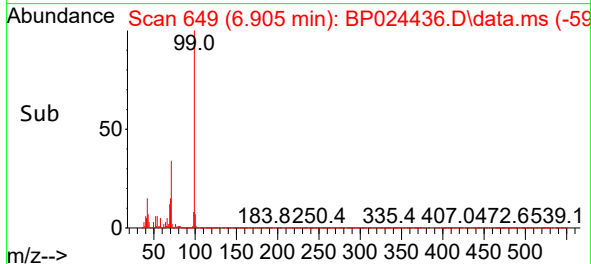
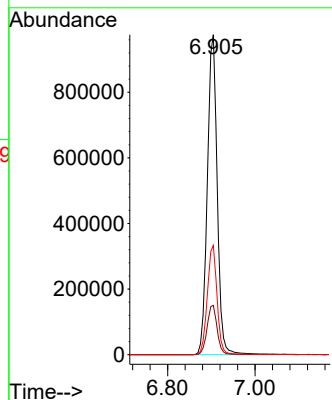
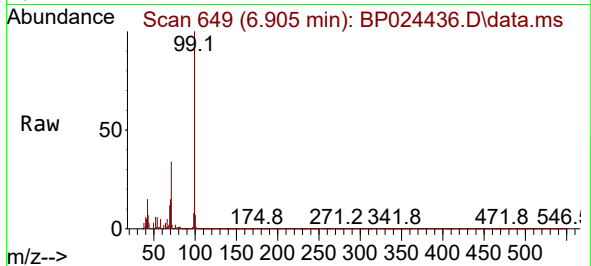




#7
Phenol-d6
Concen: 114.839 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

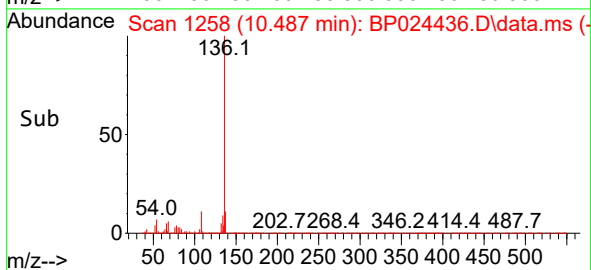
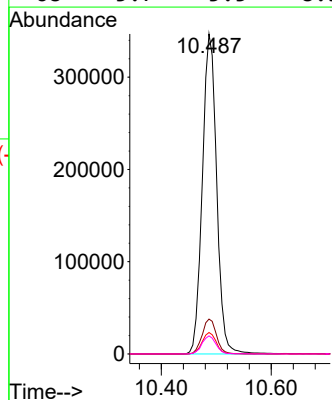
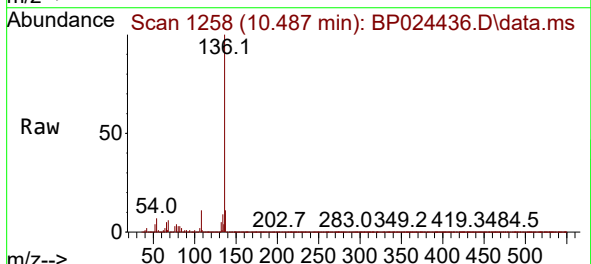
Instrument :
BNA_P
ClientSampleId :
PB167739BL

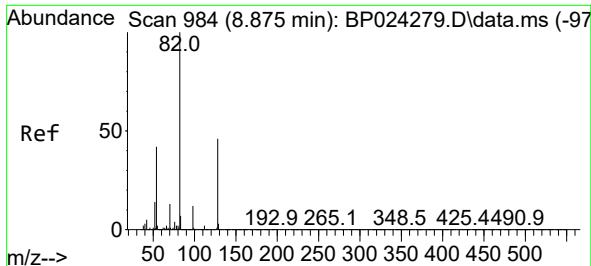
Tgt Ion: 99 Resp: 1536948
Ion Ratio Lower Upper
99 100
42 15.4 10.6 16.0
71 34.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

Tgt Ion: 136 Resp: 627258
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.7 6.0 9.0
68 5.7 5.5 8.3

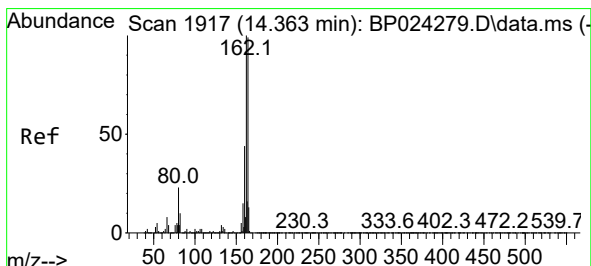
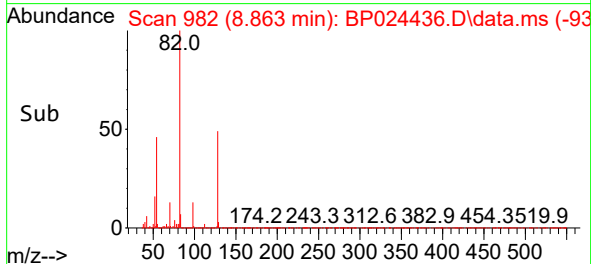
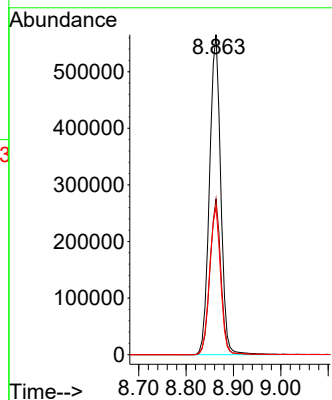
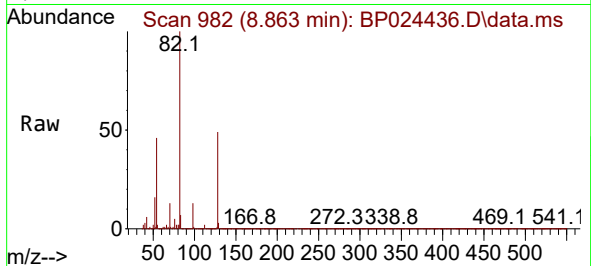




#23
Nitrobenzene-d5
Concen: 84.562 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

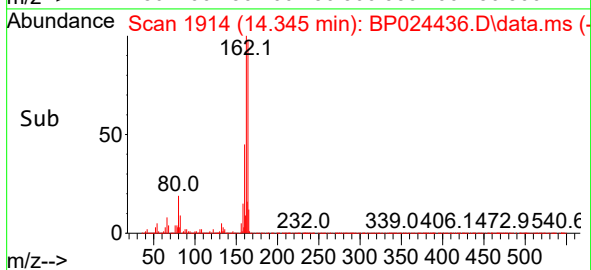
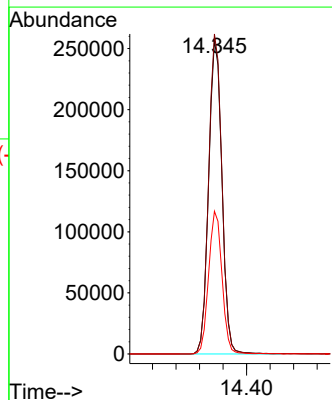
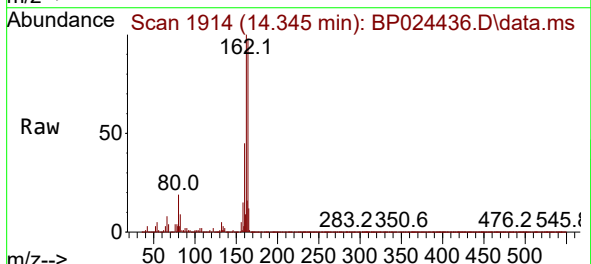
Instrument :
BNA_P
ClientSampleId :
PB167739BL

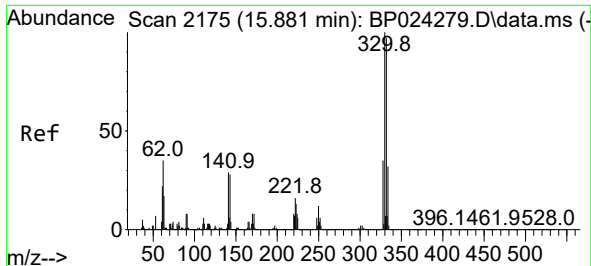
Tgt Ion: 82 Resp: 930219
Ion Ratio Lower Upper
82 100
128 48.7 36.5 54.7
54 46.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

Tgt Ion: 164 Resp: 404300
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.5 35.3 52.9

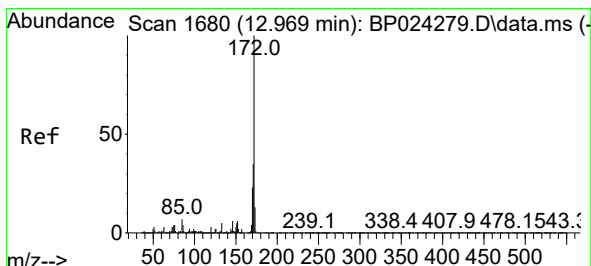
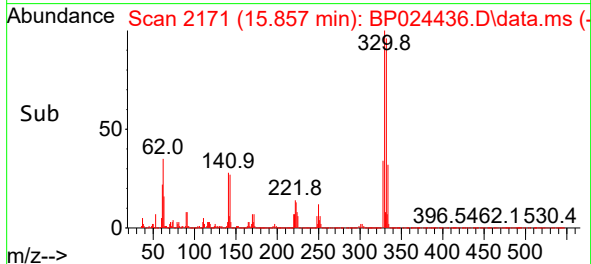
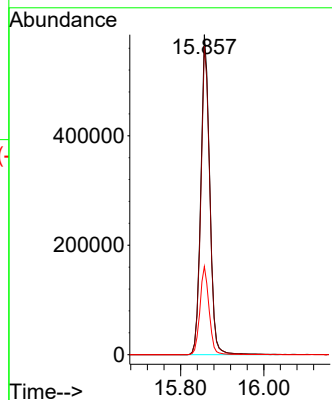
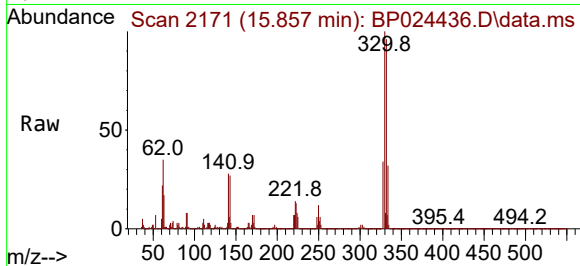




#42
2,4,6-Tribromophenol
Concen: 156.265 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

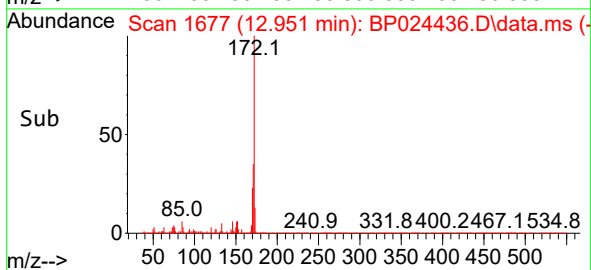
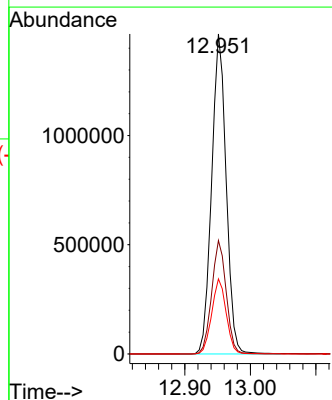
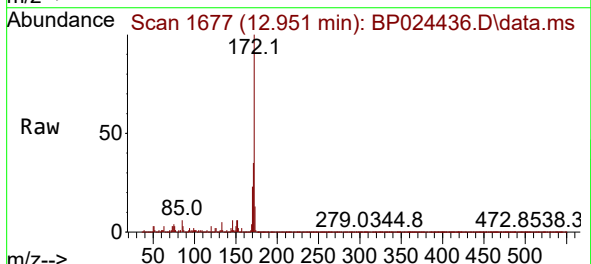
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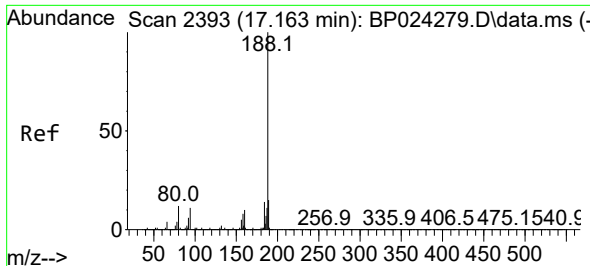
Tgt Ion:330 Resp: 874098
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 28.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 85.255 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

Tgt Ion:172 Resp: 2251210
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.4 18.6 27.8

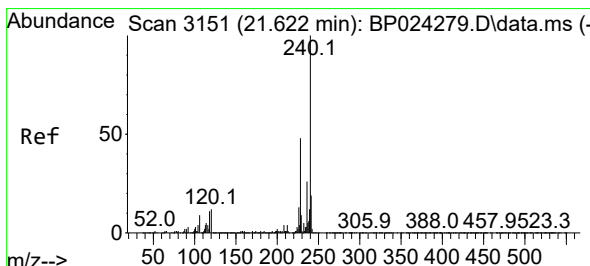
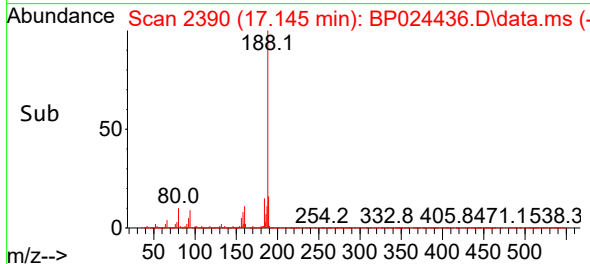
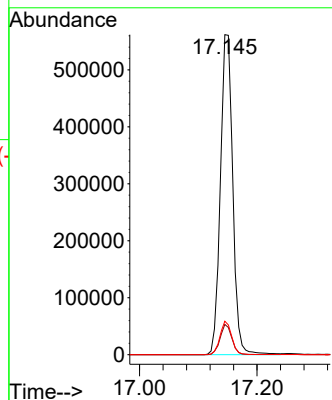
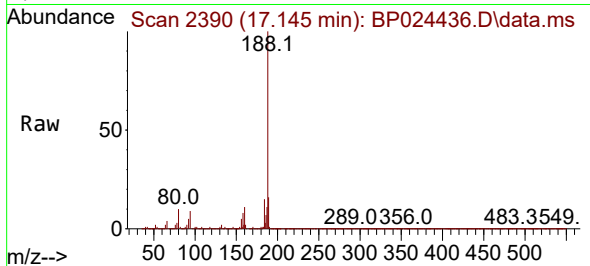




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

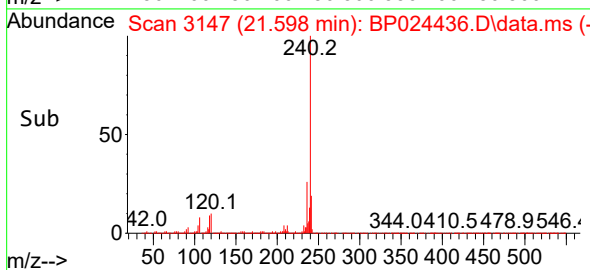
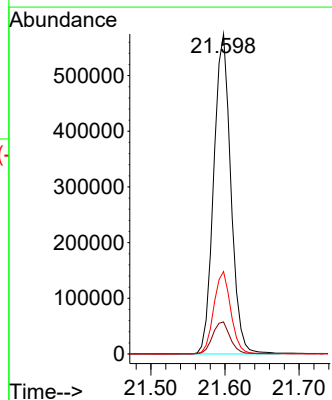
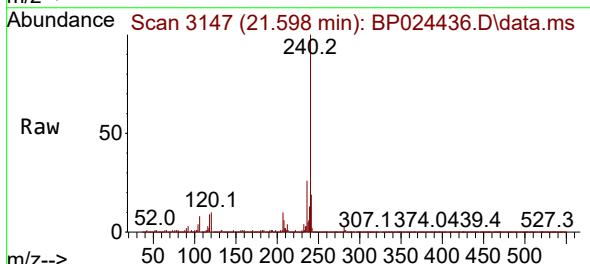
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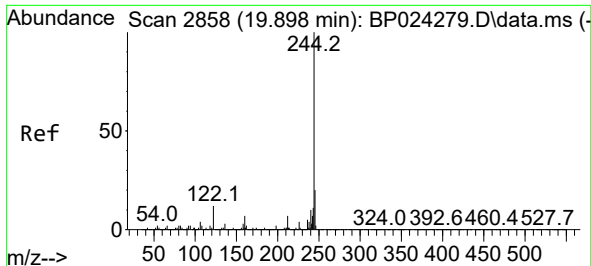
Tgt Ion:188 Resp: 823026
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 10.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024436.D
Acq: 28 Apr 2025 14:15

Tgt Ion:240 Resp: 921647
Ion Ratio Lower Upper
240 100
120 10.0 9.8 14.8
236 25.8 20.9 31.3

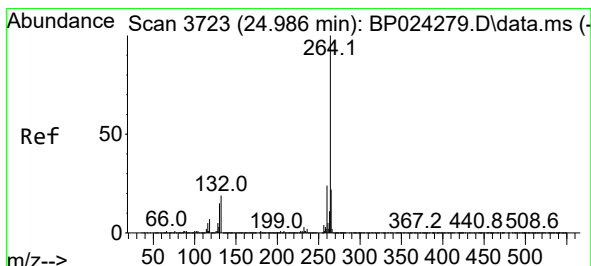
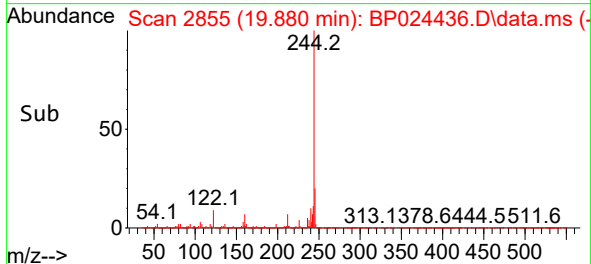
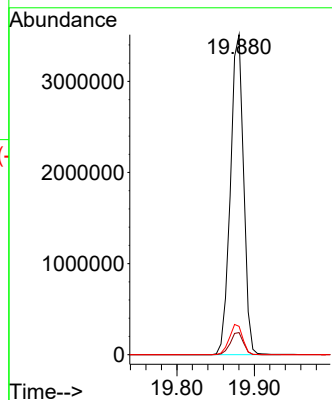
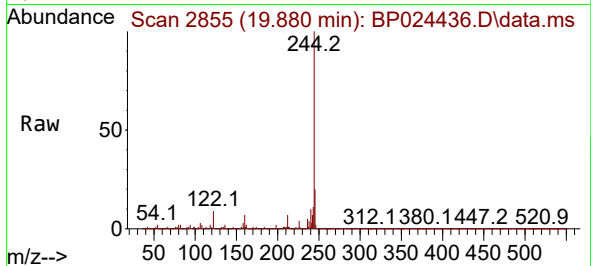




#79
 Terphenyl-d14
 Concen: 91.128 ng
 RT: 19.880 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024436.D
 Acq: 28 Apr 2025 14:15

Instrument :
 BNA_P
 ClientSampleId :
 PB167739BL

Tgt Ion:244 Resp: 4166800
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 8.8 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: BP024436.D
 Acq: 28 Apr 2025 14:15

Tgt Ion:264 Resp: 1045314
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.4 17.8 26.6

