

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024422.D
 Acq On : 25 Apr 2025 14:27
 Operator : RC/JU
 Sample : Q1852-06RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-278

Quant Time: Apr 25 14:52:28 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	160198	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	612861	20.000	ng	-0.01
39) Acenaphthene-d10	14.340	164	326931	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	722795	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	812410	20.000	ng	-0.02
86) Perylene-d12	24.910	264	183095	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1245853	128.588	ng	0.00
7) Phenol-d6	6.905	99	1406708	106.034	ng	0.00
23) Nitrobenzene-d5	8.863	82	953277	88.694	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	723741	160.004	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1992952	93.336	ng	-0.01
79) Terphenyl-d14	19.857	244	3808151	94.483	ng	-0.02

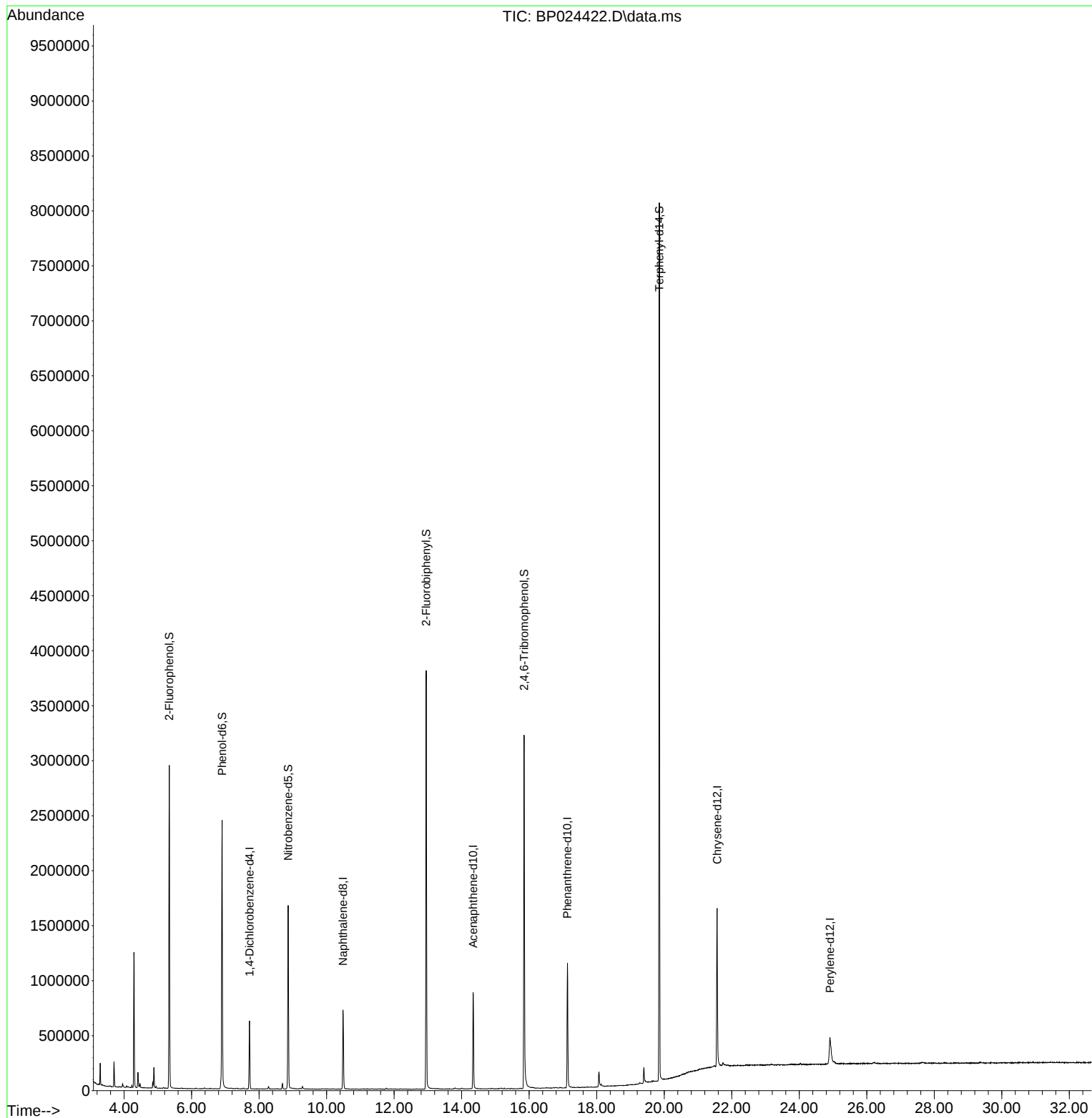
Target Compounds	Qvalue

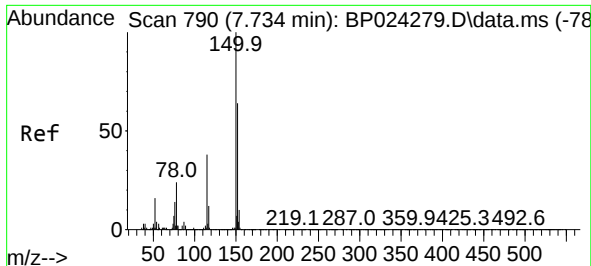
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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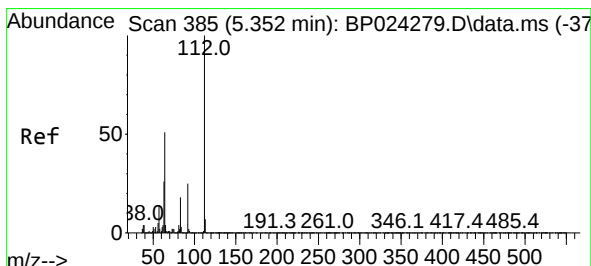
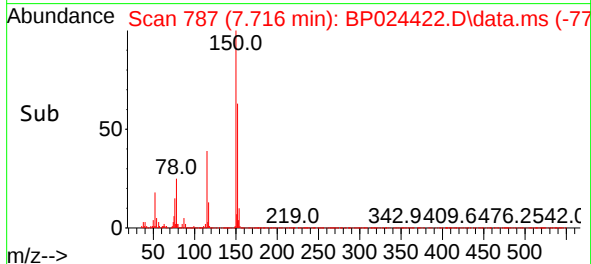
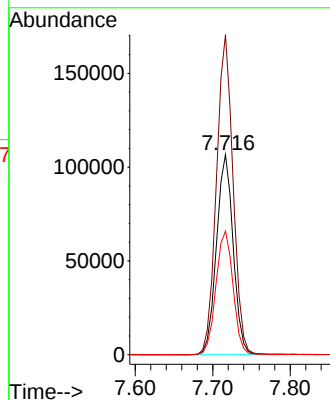
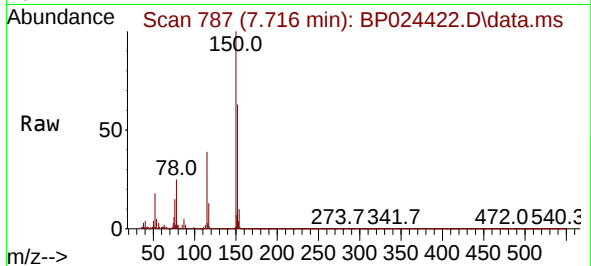




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

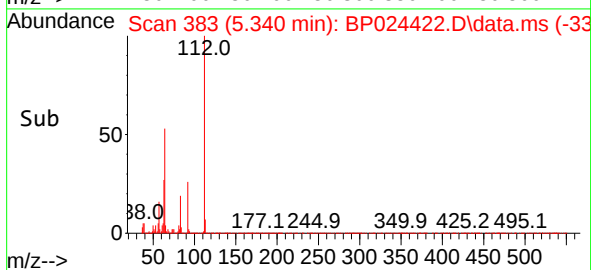
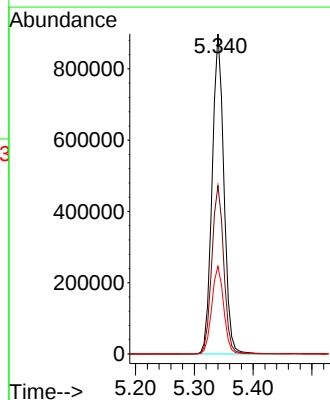
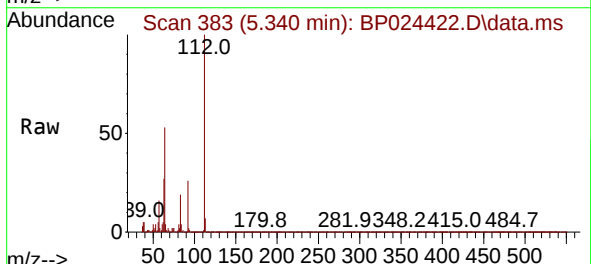
Instrument :
BNA_P
ClientSampleId :
ETGI-278

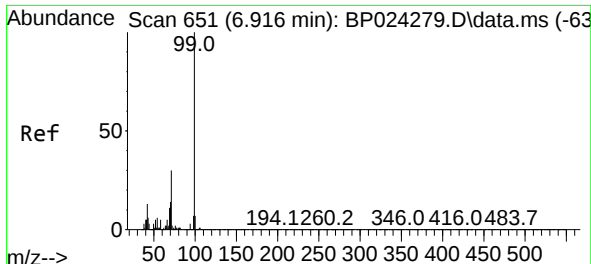
Tgt Ion:152 Resp: 160198
Ion Ratio Lower Upper
152 100
150 159.9 124.9 187.3
115 61.7 47.7 71.5



#5
2-Fluorophenol
Concen: 128.588 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

Tgt Ion:112 Resp: 1245853
Ion Ratio Lower Upper
112 100
64 52.6 41.1 61.7
63 27.4 20.6 30.8

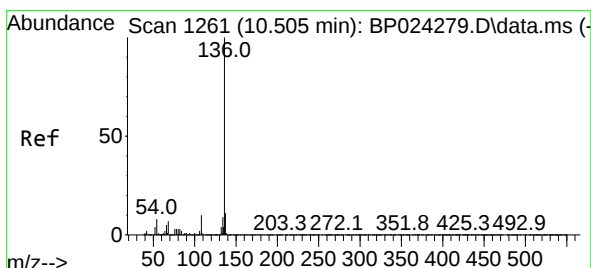
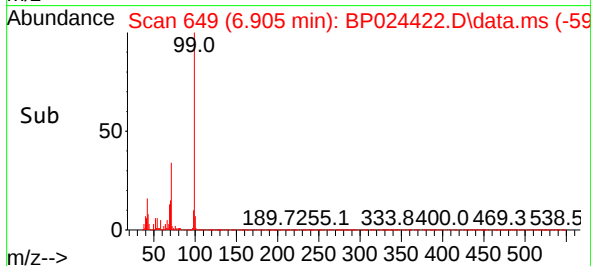
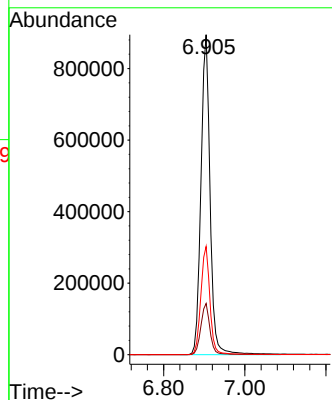
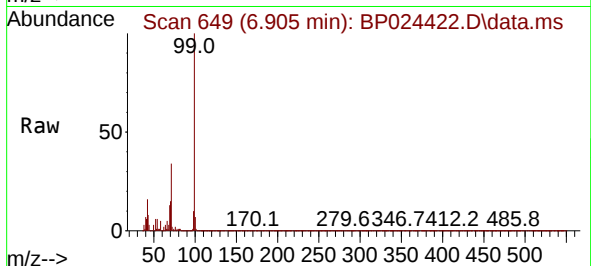




#7
Phenol-d6
Concen: 106.034 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

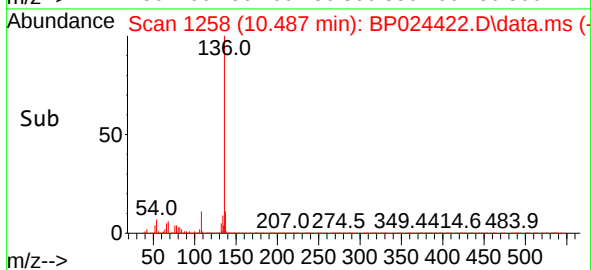
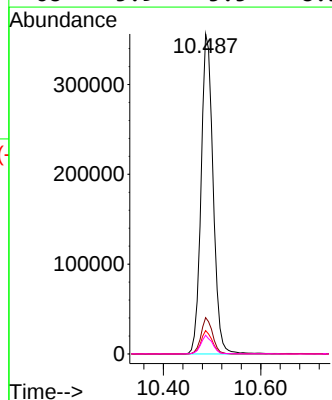
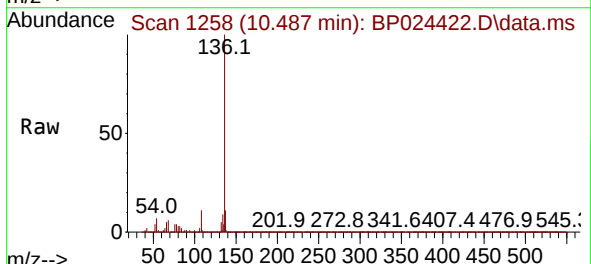
Instrument :
BNA_P
ClientSampleId :
ETGI-278

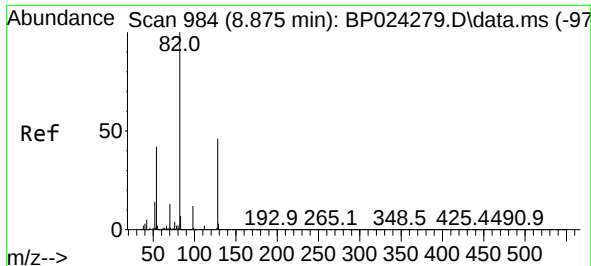
Tgt Ion: 99 Resp: 1406708
Ion Ratio Lower Upper
99 100
42 16.0 10.6 16.0#
71 33.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

Tgt Ion:136 Resp: 612861
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.3 6.0 9.0
68 5.9 5.5 8.3

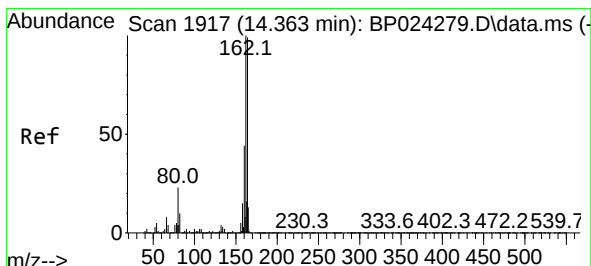
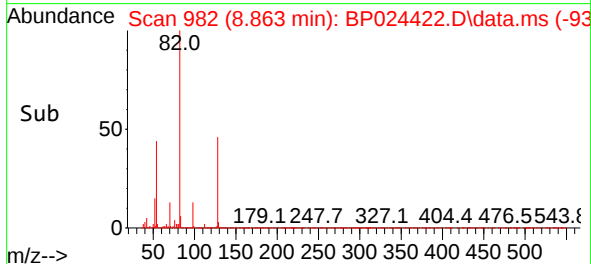
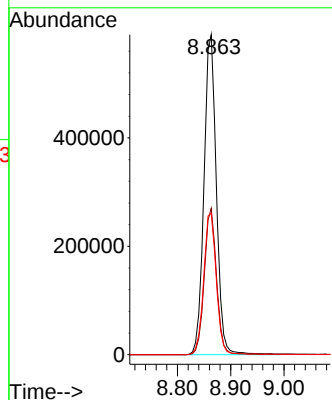
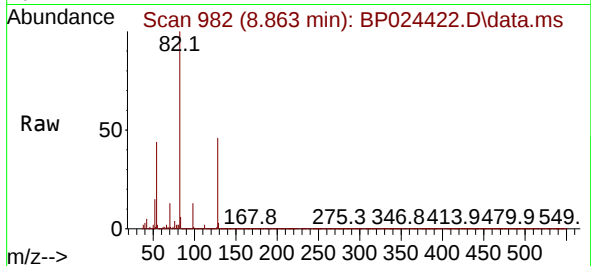




#23
Nitrobenzene-d5
Concen: 88.694 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

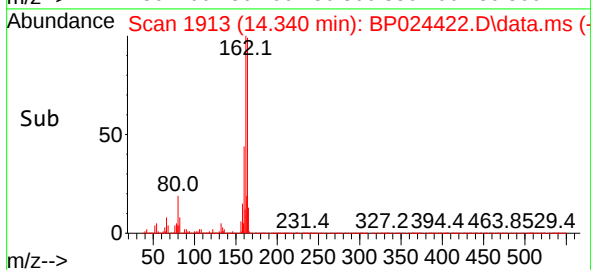
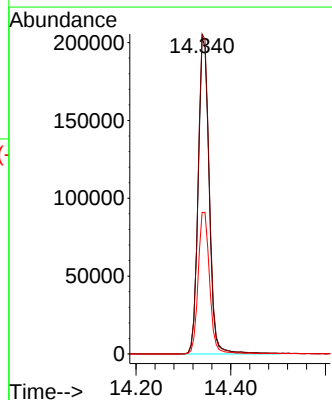
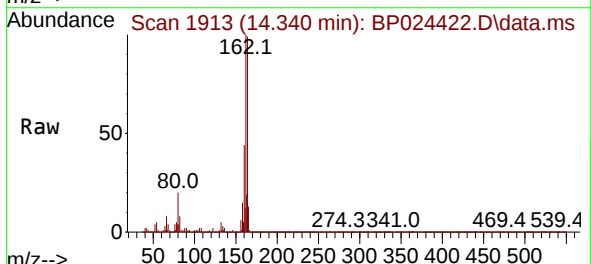
Instrument :
BNA_P
ClientSampleId :
ETGI-278

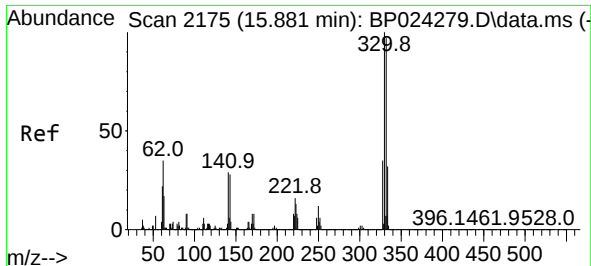
Tgt Ion: 82 Resp: 953277
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 44.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

Tgt Ion:164 Resp: 326931
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.7 35.3 52.9

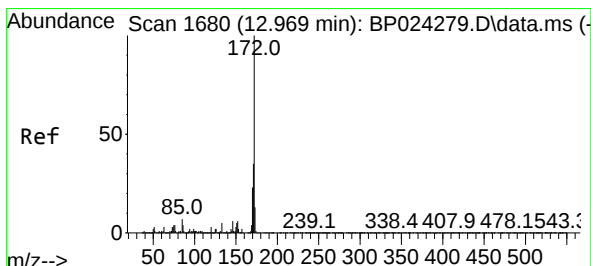
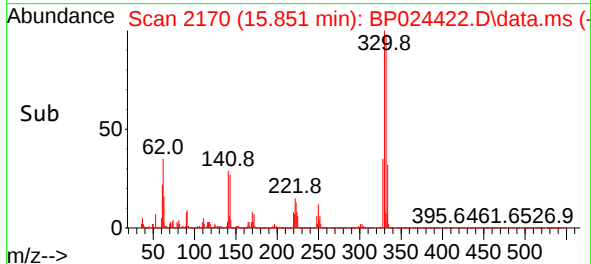
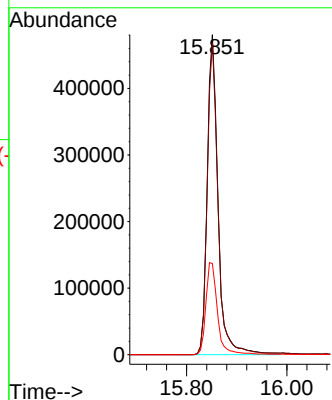
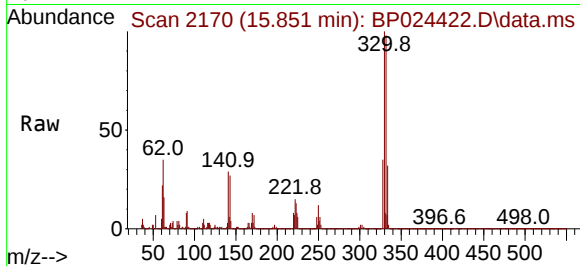




#42
2,4,6-Tribromophenol
Concen: 160.004 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

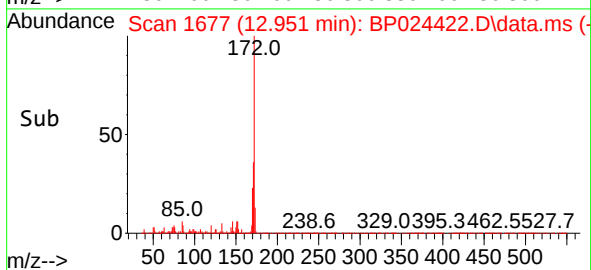
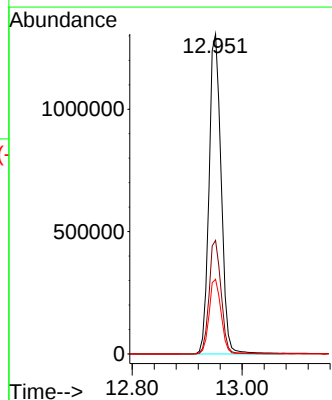
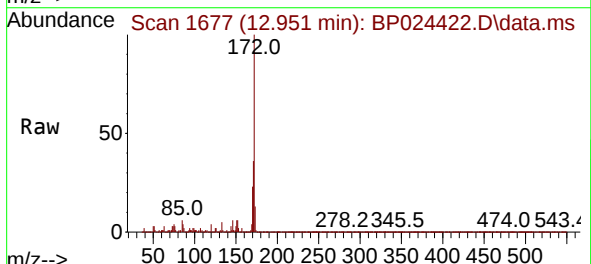
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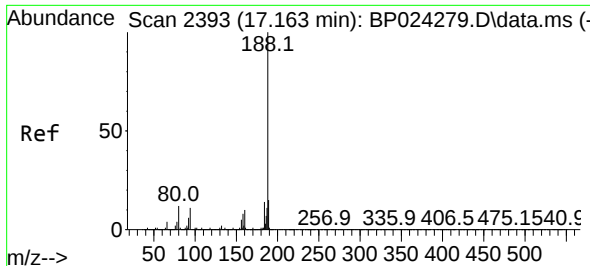
Tgt Ion:330 Resp: 723741
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 30.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 93.336 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

Tgt Ion:172 Resp: 1992952
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.4 18.6 27.8

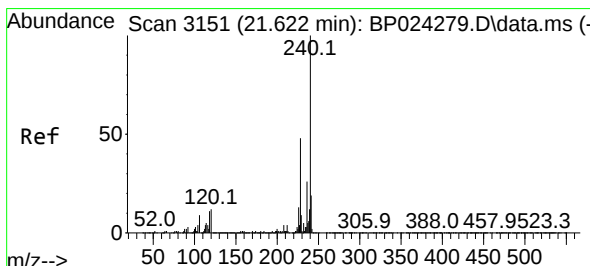
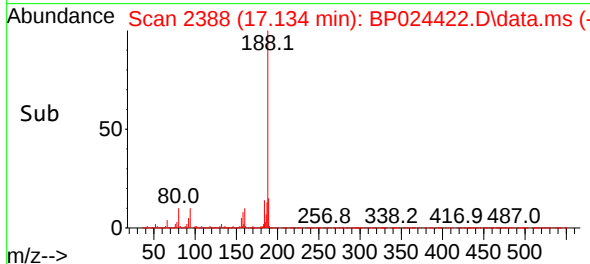
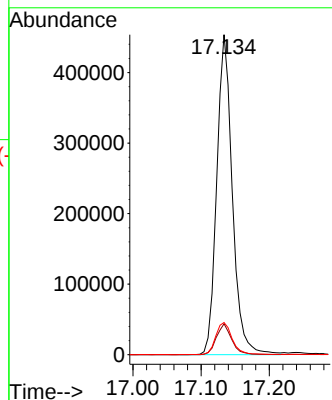
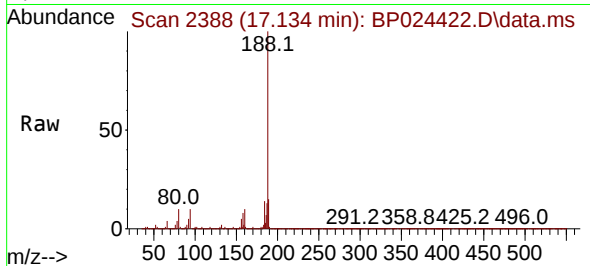




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

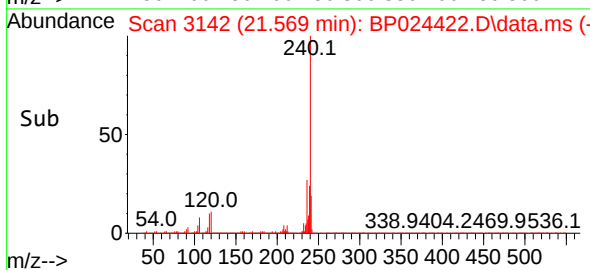
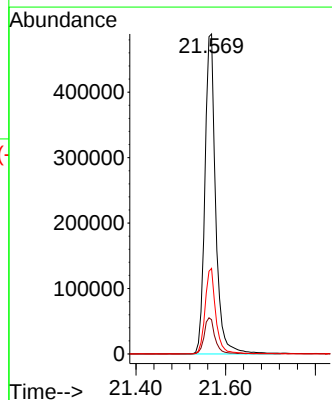
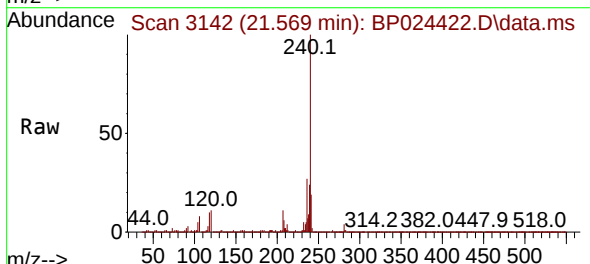
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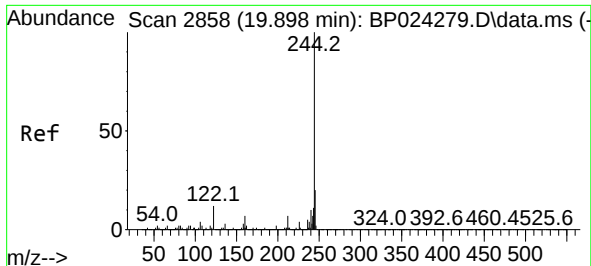
Tgt Ion:188 Resp: 722795
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 10.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. -0.023 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

Tgt Ion:240 Resp: 812410
Ion Ratio Lower Upper
240 100
120 10.7 9.8 14.8
236 26.7 20.9 31.3

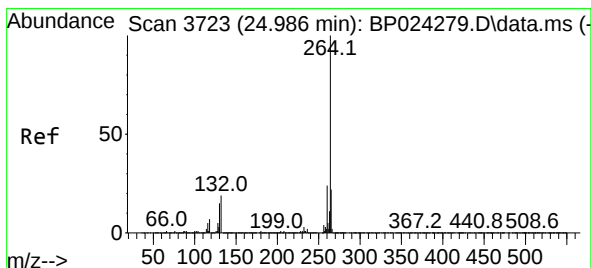
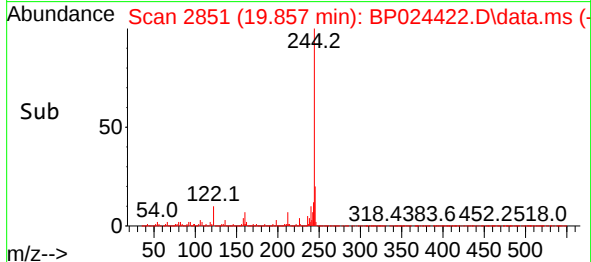
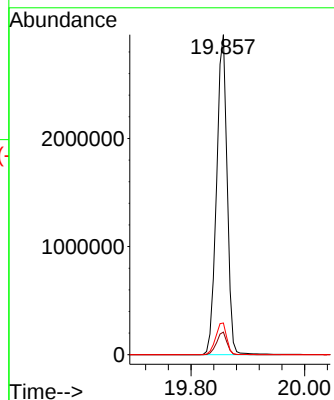
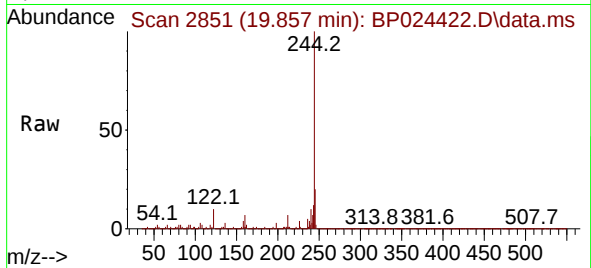




#79
 Terphenyl-d14
 Concen: 94.483 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP024422.D
 Acq: 25 Apr 2025 14:27

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-278

Tgt Ion:244 Resp: 3808151
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 9.9 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.910 min Scan# 3710
 Delta R.T. -0.023 min
 Lab File: BP024422.D
 Acq: 25 Apr 2025 14:27

Tgt Ion:264 Resp: 183095
 Ion Ratio Lower Upper
 264 100
 260 39.0 18.9 28.3#
 265 23.4 17.8 26.6

