

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

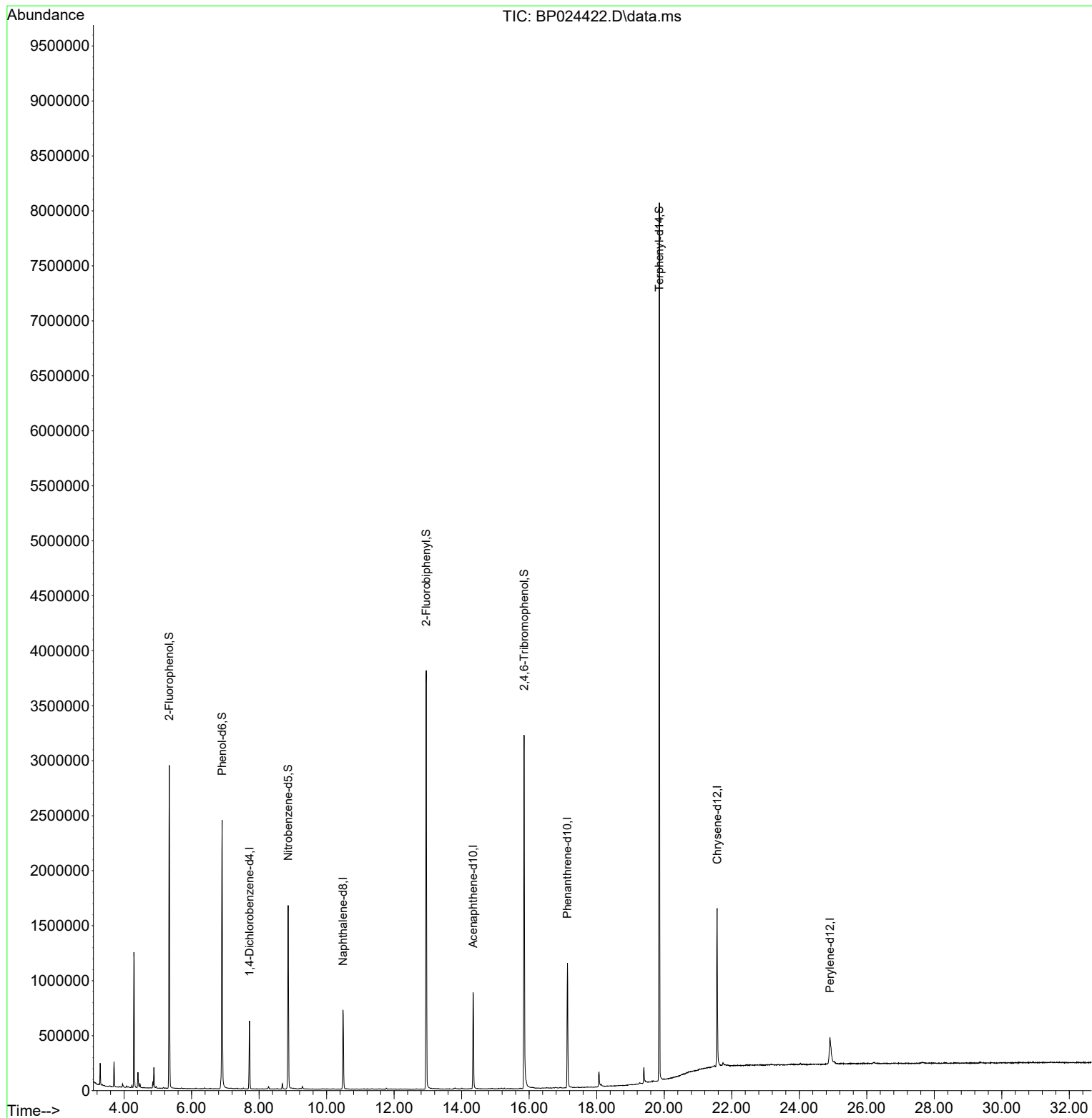
Target Compounds	Qvalue

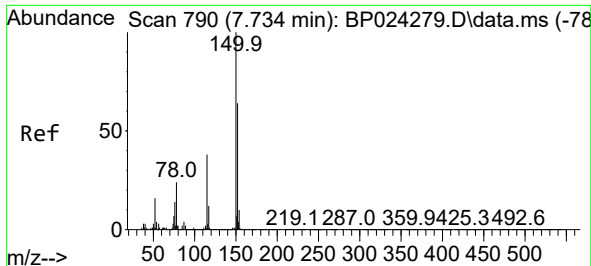
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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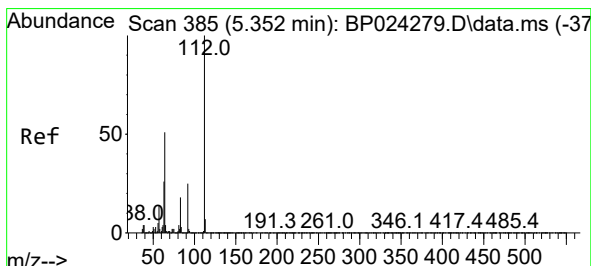
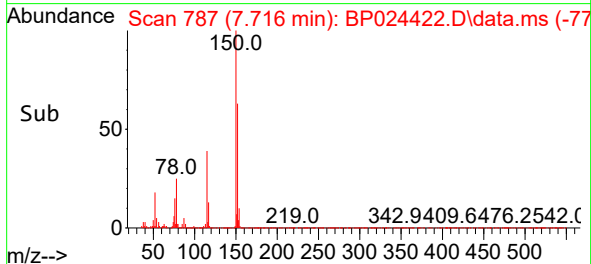
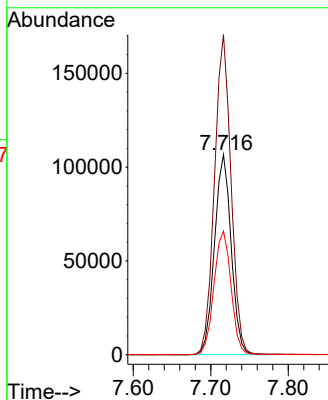
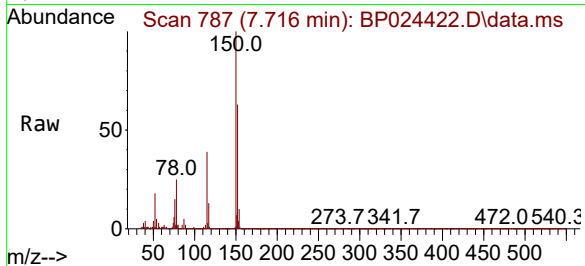




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

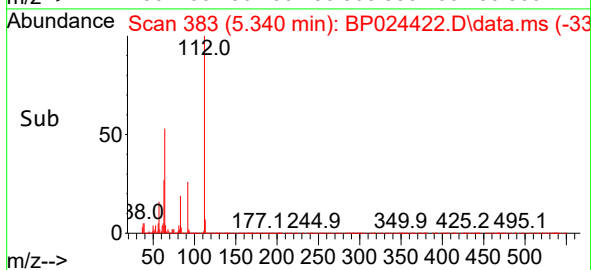
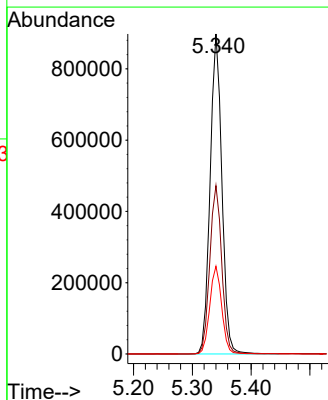
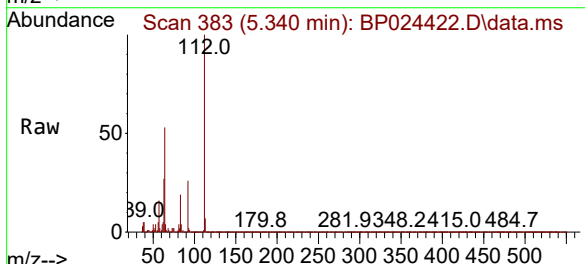
Instrument :
BNA_P
ClientSampleId :
ETGI-278

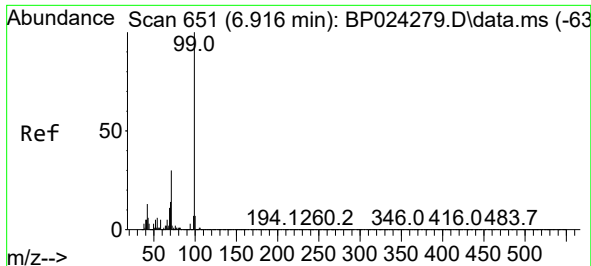
Tgt Ion:152 Resp: 160198
Ion Ratio Lower Upper
152 100
150 159.9 124.9 187.3
115 61.7 47.7 71.5



#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

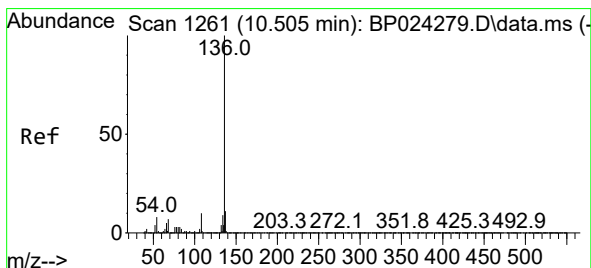
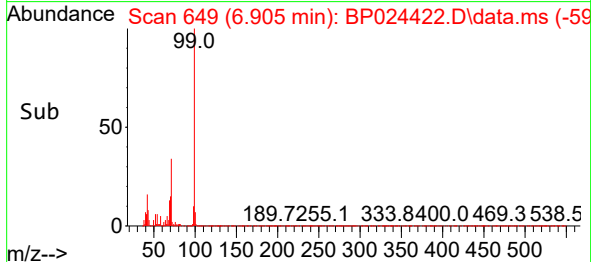
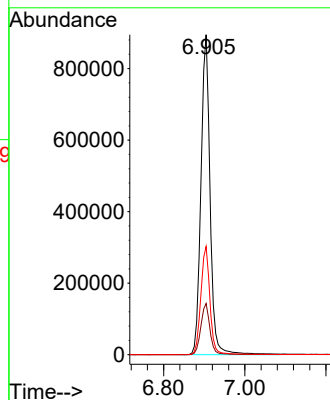
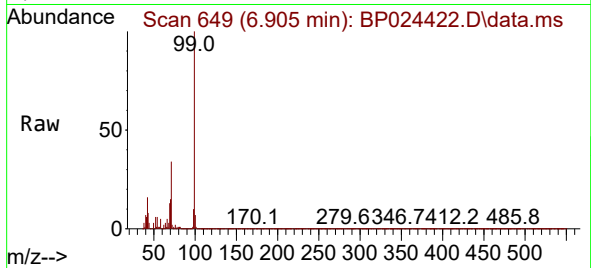




#7
Phenol-d6
Concen: 106.034 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

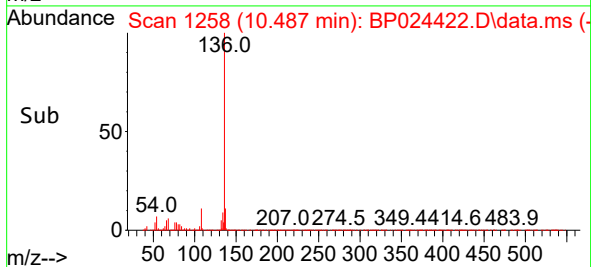
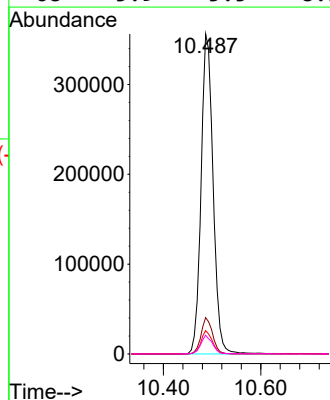
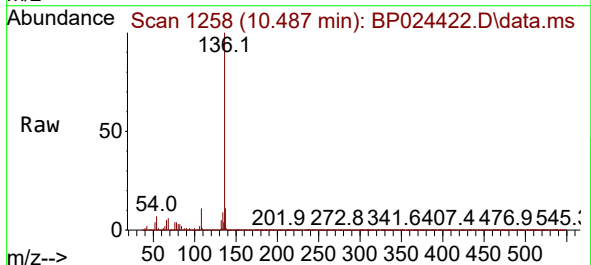
Instrument :
BNA_P
ClientSampleId :
ETGI-278

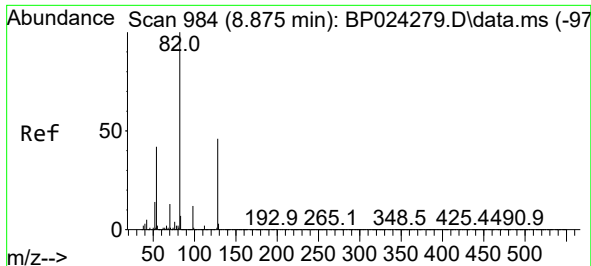
Tgt Ion: 99 Resp: 1406708
Ion Ratio Lower Upper
99 100
42 16.0 10.6 16.0#
71 33.8 23.7 35.5



#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

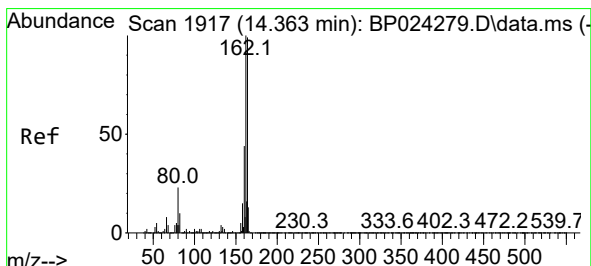
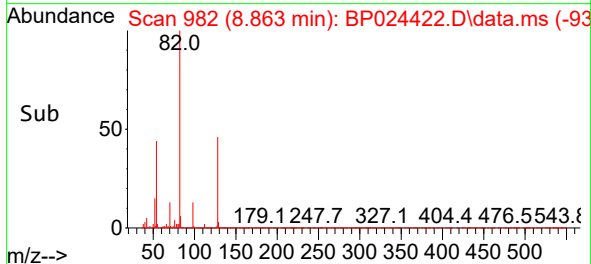
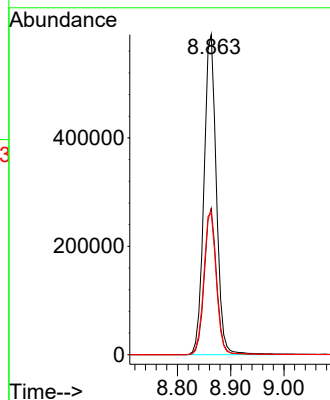
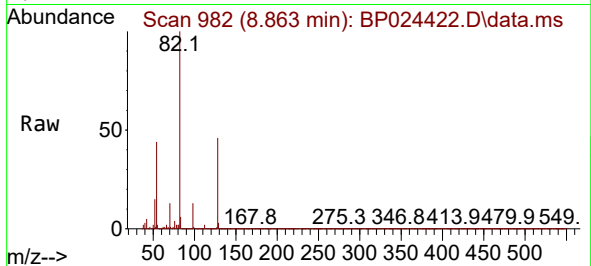




#23
 Nitrobenzene-d5
 Concen: 88.694 ng
 RT: 8.863 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024422.D
 Acq: 25 Apr 2025 14:27

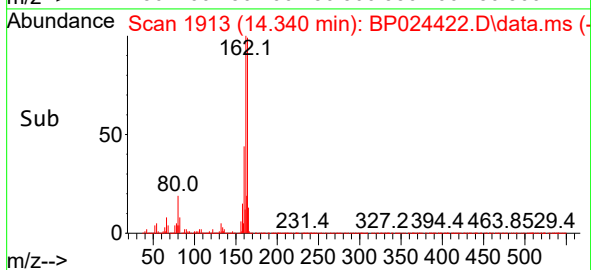
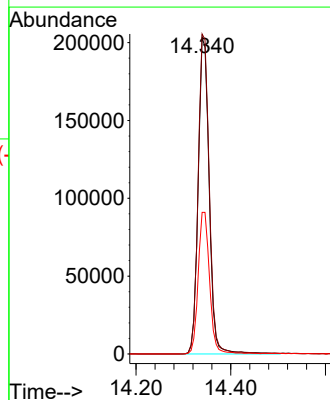
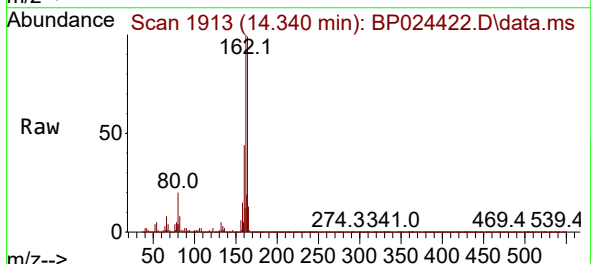
Instrument :
 BNA_P
 ClientSampleId :
 ETGI-278

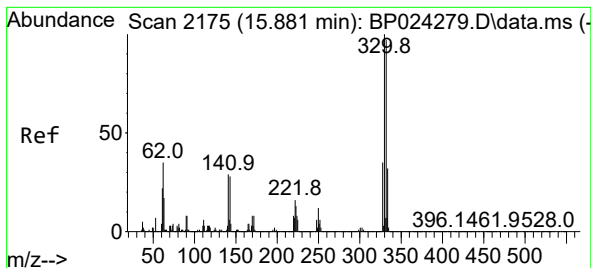
Tgt Ion: 82 Resp: 953277
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.5 54.7
 54 44.2 33.4 50.2



#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# 21

Delta R.T. -0.012 min

Lab File: BP024422.D

Acq: 25 Apr 2025 14:27

Instrument :

BNA_P

ClientSampleId :

ETGI-278

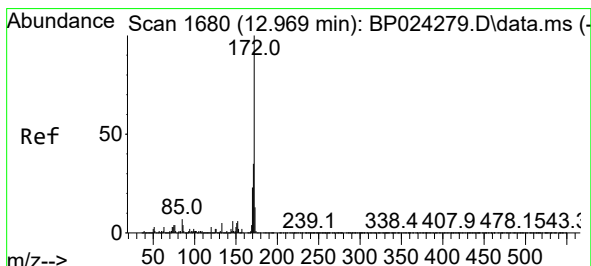
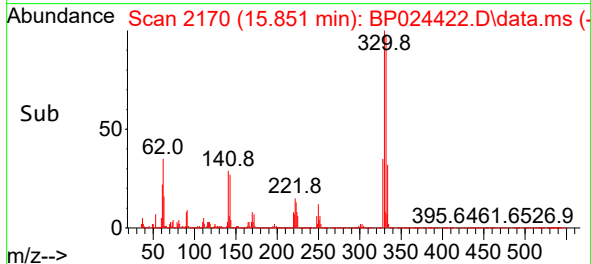
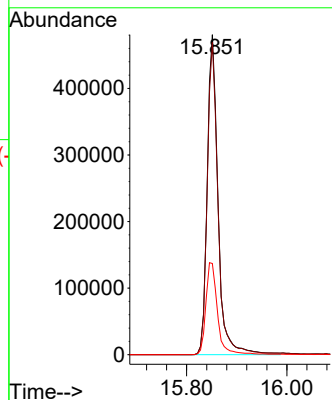
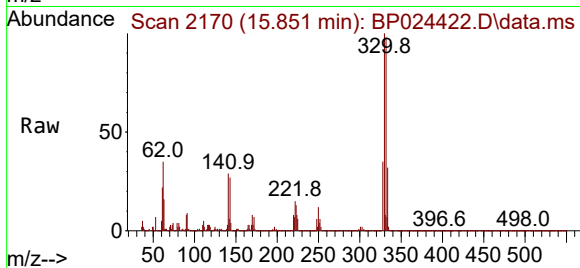
Tgt Ion:330 Resp: 723741

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

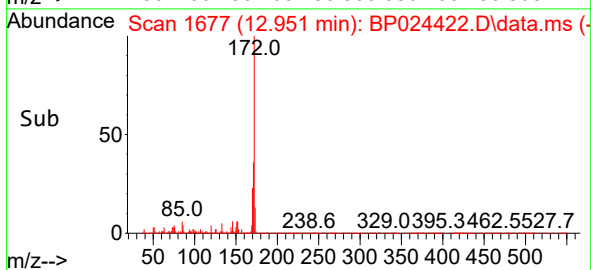
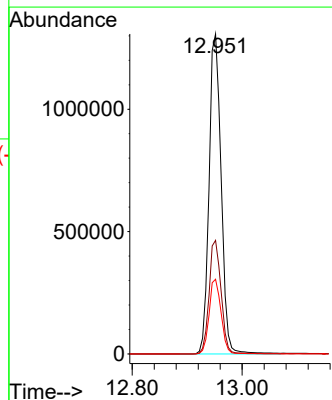
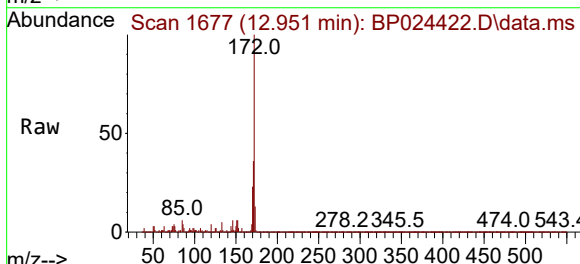
Tgt Ion:172 Resp: 1992952

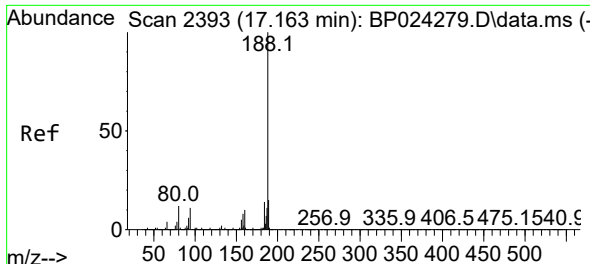
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.4 18.6 27.8

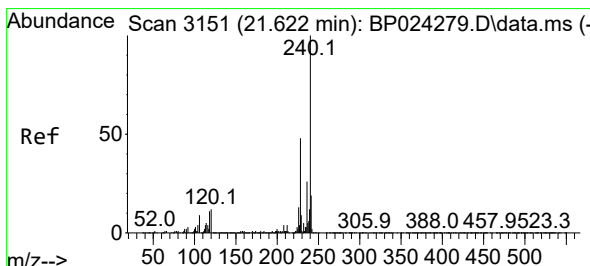
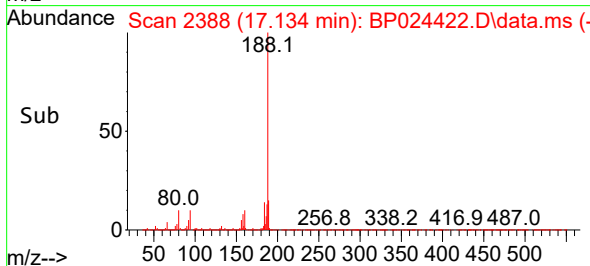
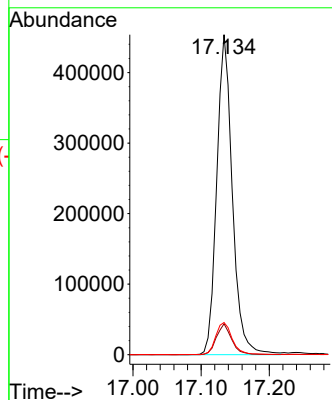
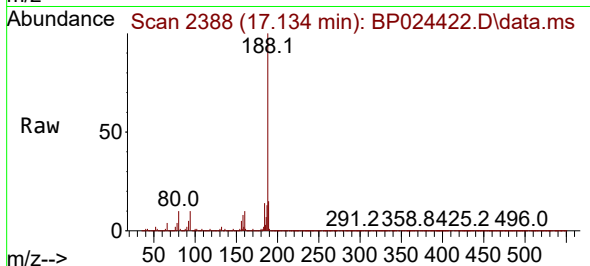




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024422.D
Acq: 25 Apr 2025 14:27

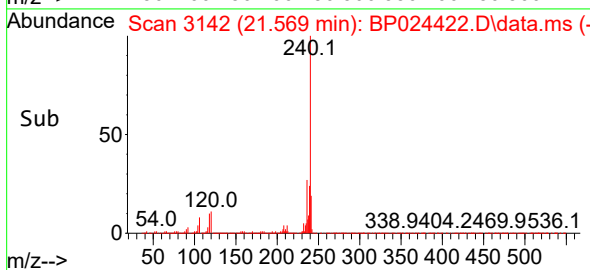
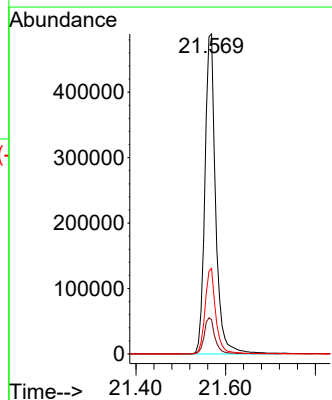
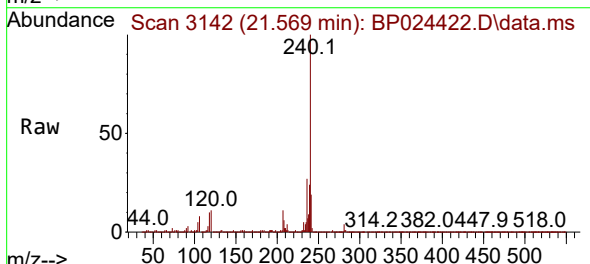
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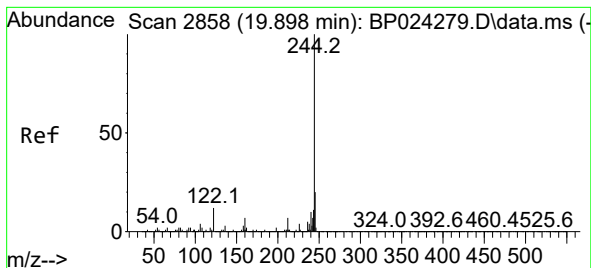
Tgt Ion:188 Resp: 722795
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 10.1 9.8 14.6



#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

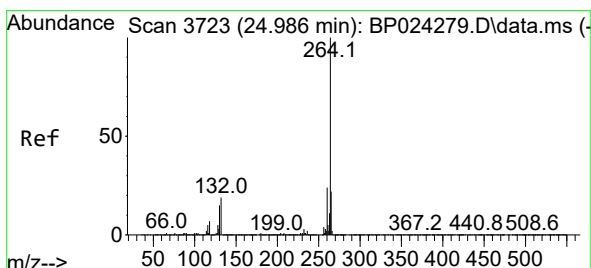
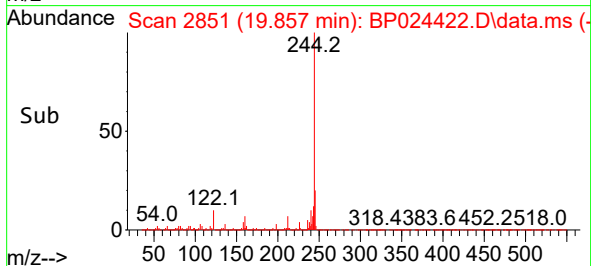
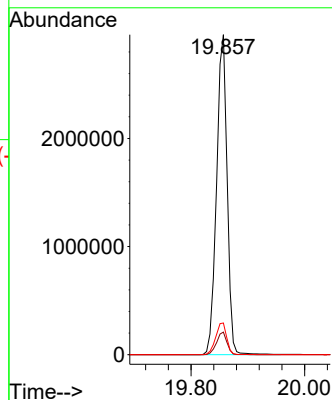
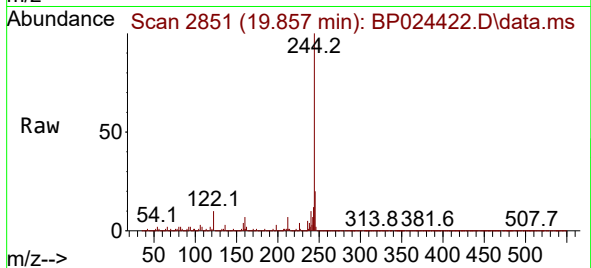
Tgt Ion:244 Resp: 3808151

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

