

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
 Data File : BP024421.D
 Acq On : 25 Apr 2025 13:46
 Operator : RC/JU
 Sample : Q1852-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-354

Quant Time: Apr 25 14:09:25 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)

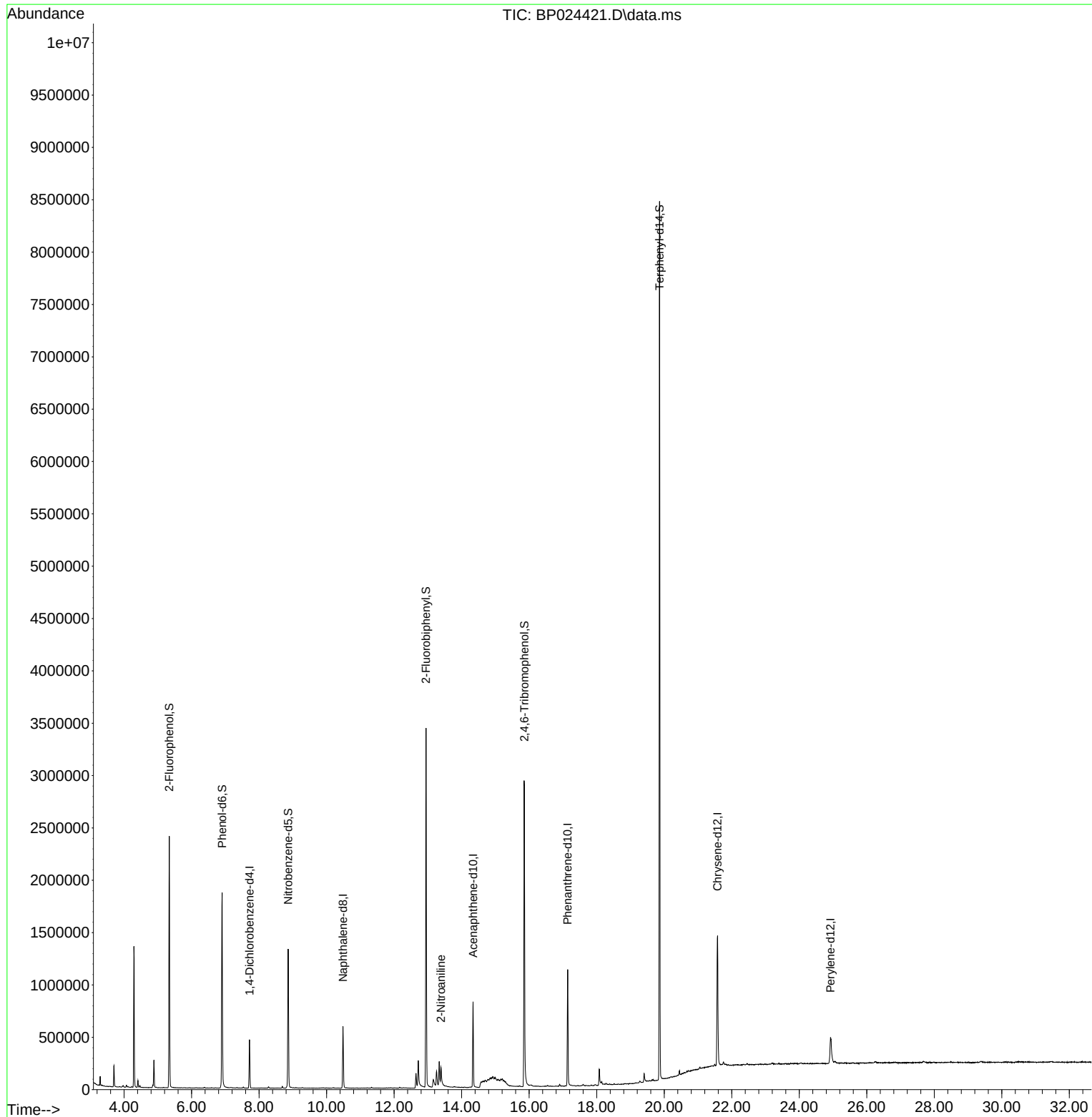
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	125096	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	488403	20.000	ng	-0.01
39) Acenaphthene-d10	14.340	164	278517	20.000	ng	-0.01
64) Phenanthrene-d10	17.140	188	692359	20.000	ng	0.00
76) Chrysene-d12	21.580	240	859968	20.000	ng	-0.01
86) Perylene-d12	24.927	264	205755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	998774	132.013	ng	0.00
7) Phenol-d6	6.905	99	1137416	109.793	ng	0.00
23) Nitrobenzene-d5	8.863	82	787570	91.949	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	688912	178.779	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1725124	94.836	ng	-0.02
79) Terphenyl-d14	19.863	244	3996263	93.667	ng	-0.01
Target Compounds						
48) 2-Nitroaniline	13.387	65	10522	2.452	ng	Qvalue # 23

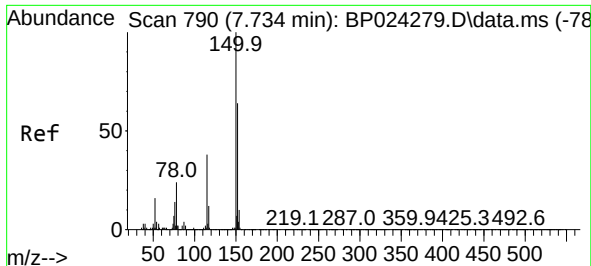
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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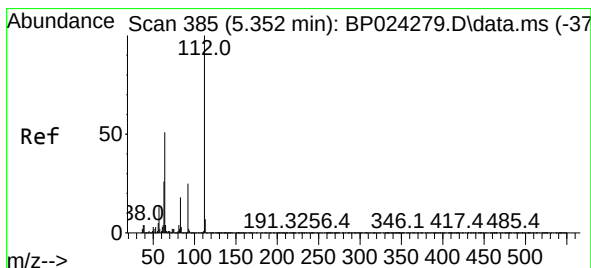
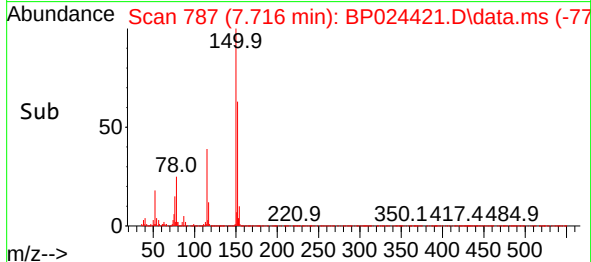
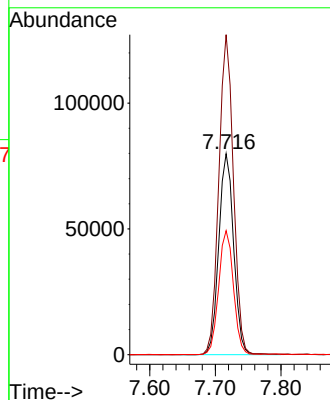
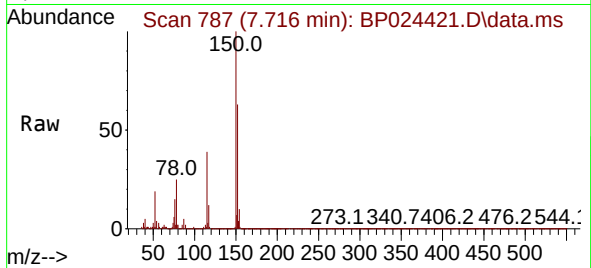




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

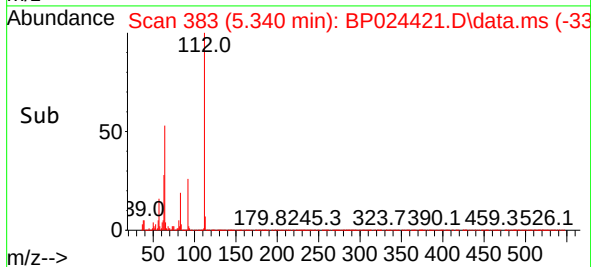
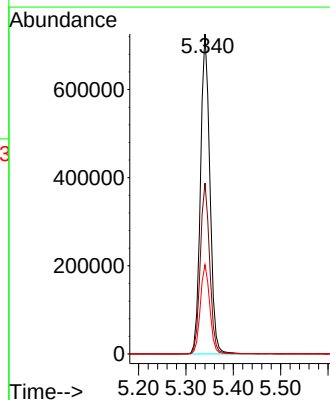
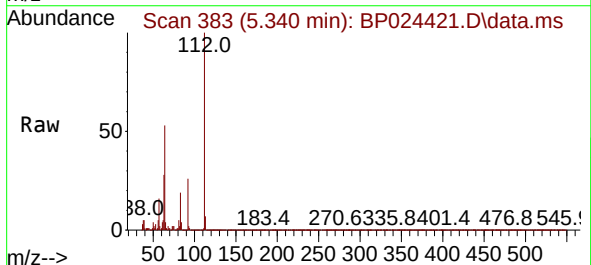
Instrument :
BNA_P
ClientSampleId :
ETGI-354

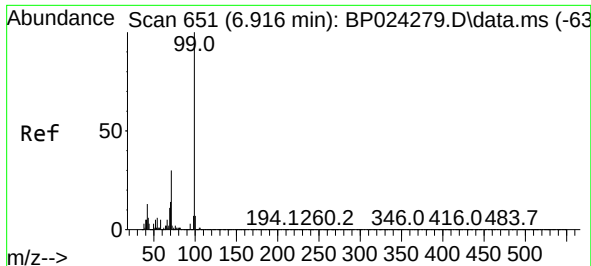
Tgt Ion:152 Resp: 125096
Ion Ratio Lower Upper
152 100
150 159.2 124.9 187.3
115 61.7 47.7 71.5



#5
2-Fluorophenol
Concen: 132.013 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

Tgt Ion:112 Resp: 998774
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 27.9 20.6 30.8

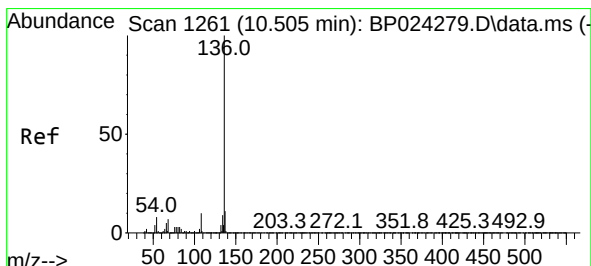
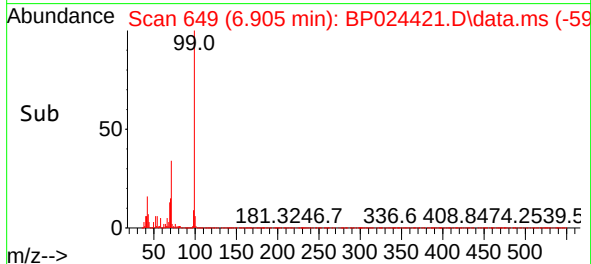
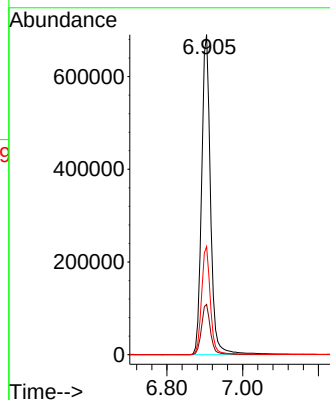
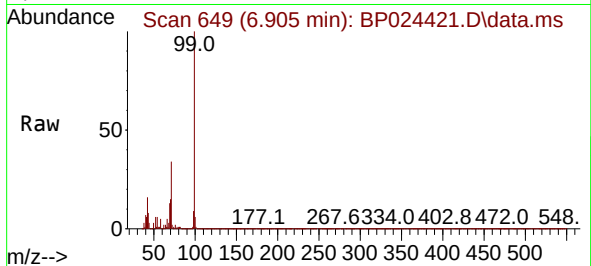




#7
Phenol-d6
Concen: 109.793 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

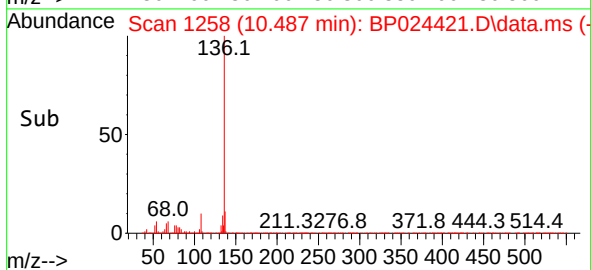
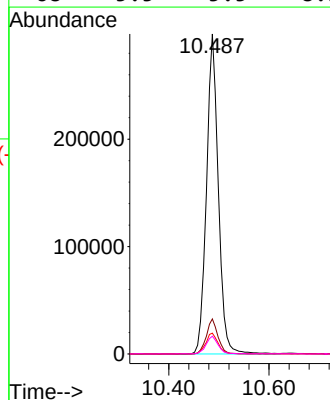
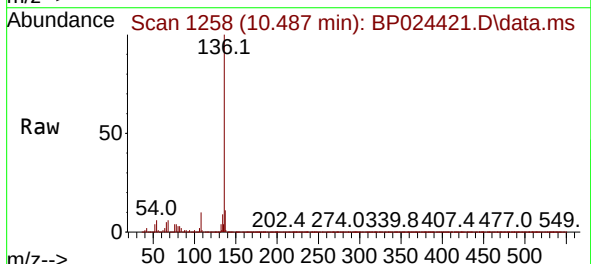
Instrument :
BNA_P
ClientSampleId :
ETGI-354

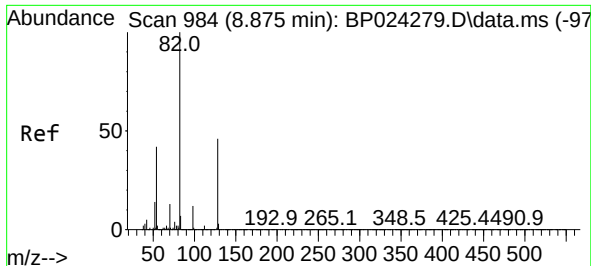
Tgt Ion: 99 Resp: 1137416
Ion Ratio Lower Upper
99 100
42 15.7 10.6 16.0
71 33.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

Tgt Ion: 136 Resp: 488403
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.5 6.0 9.0
68 5.5 5.5 8.3

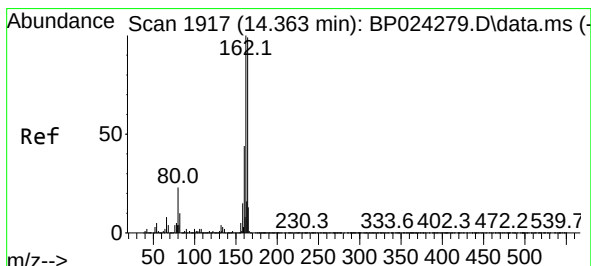
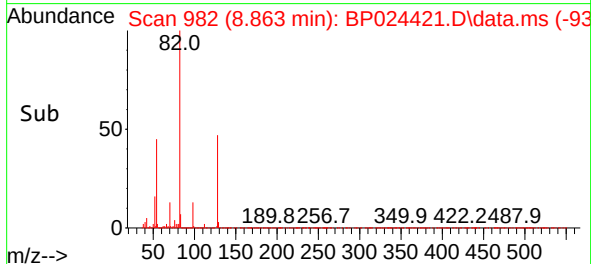
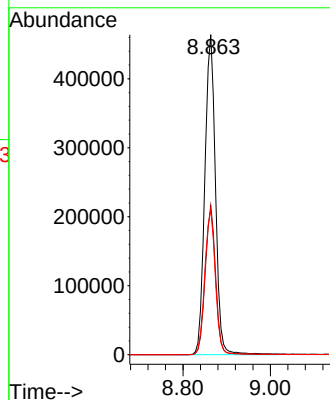
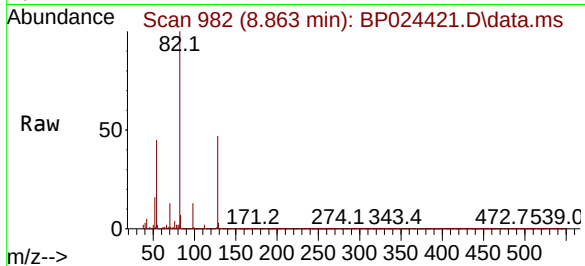




#23
Nitrobenzene-d5
Concen: 91.949 ng
RT: 8.863 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

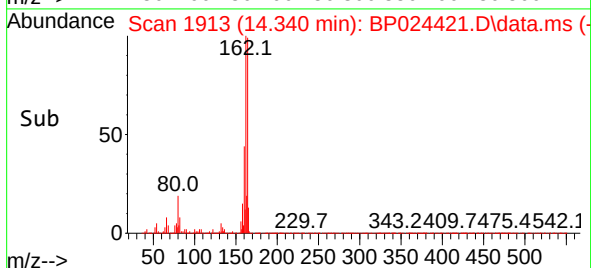
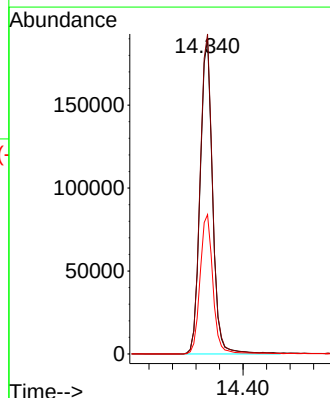
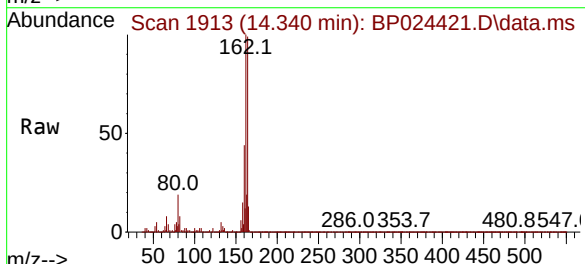
Instrument :
BNA_P
ClientSampleId :
ETGI-354

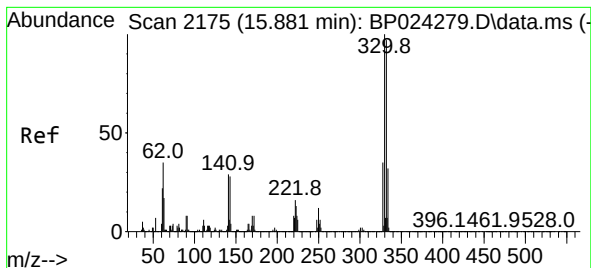
Tgt Ion: 82 Resp: 787570
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 45.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

Tgt Ion: 164 Resp: 278517
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 178.779 ng

RT: 15.857 min Scan# 2171

Delta R.T. -0.006 min

Lab File: BP024421.D

Acq: 25 Apr 2025 13:46

Instrument :

BNA_P

ClientSampleId :

ETGI-354

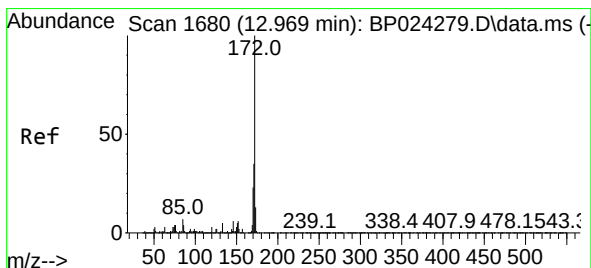
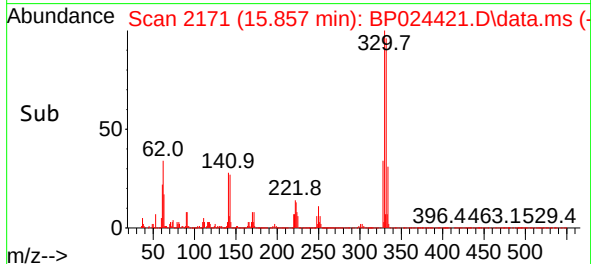
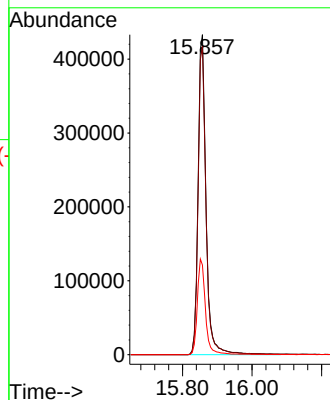
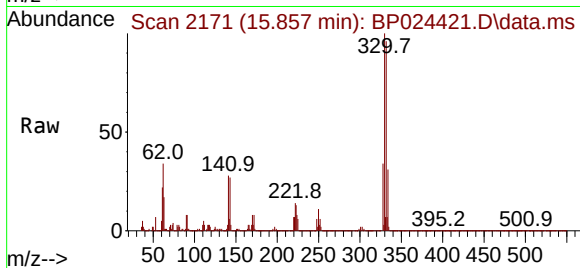
Tgt Ion:330 Resp: 688912

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 30.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 94.836 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.017 min

Lab File: BP024421.D

Acq: 25 Apr 2025 13:46

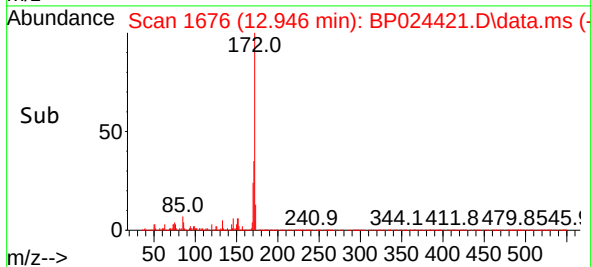
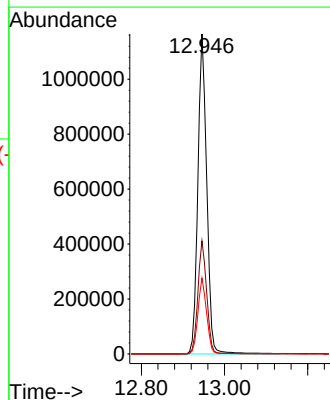
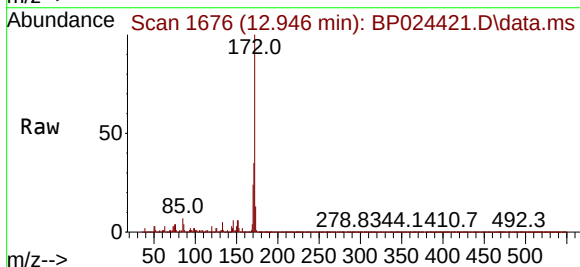
Tgt Ion:172 Resp: 1725124

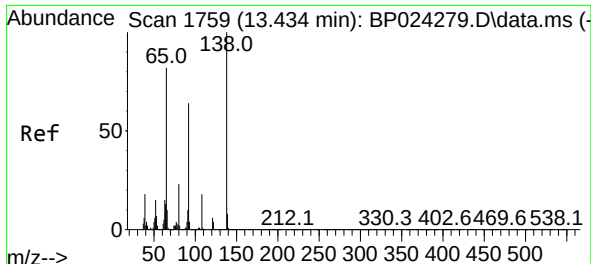
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.7 18.6 27.8

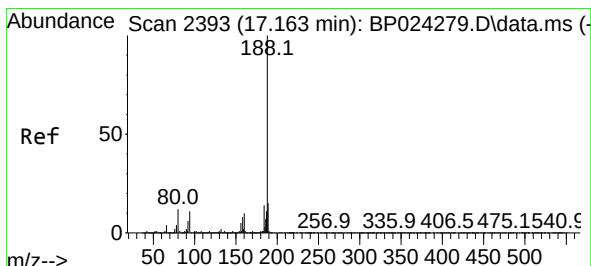
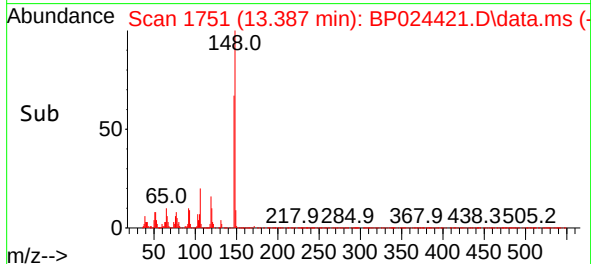
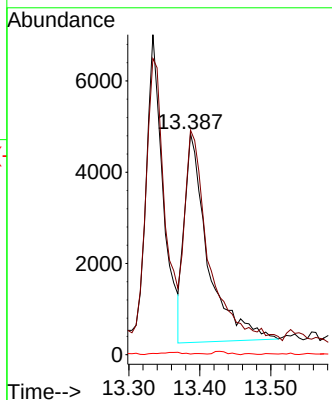
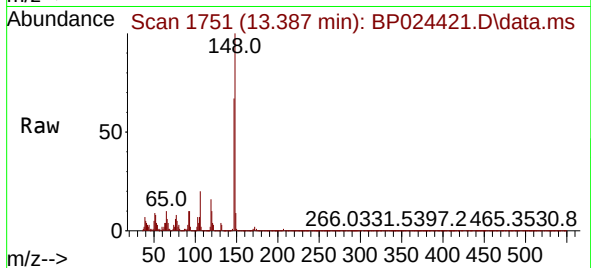




#48
2-Nitroaniline
Concen: 2.452 ng
RT: 13.387 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

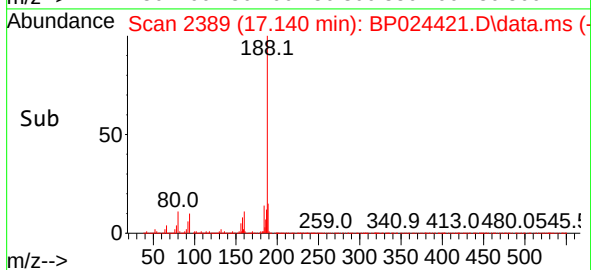
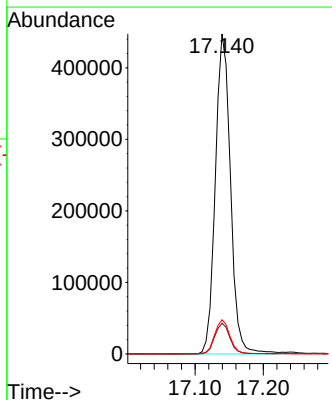
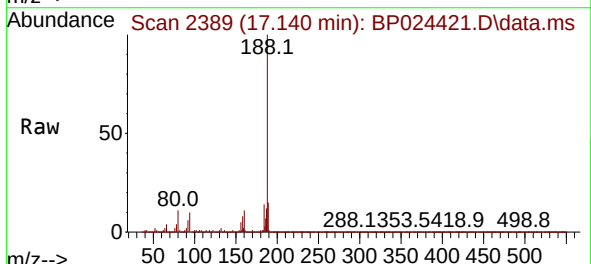
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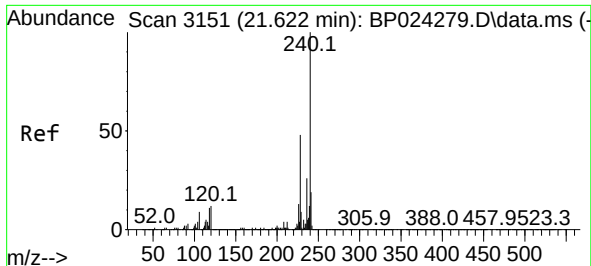
Tgt Ion: 65 Resp: 10522
Ion Ratio Lower Upper
65 100
92 101.6 62.3 93.5#
138 0.3 97.2 145.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

Tgt Ion: 188 Resp: 692359
Ion Ratio Lower Upper
188 100
94 9.6 8.6 13.0
80 10.7 9.8 14.6

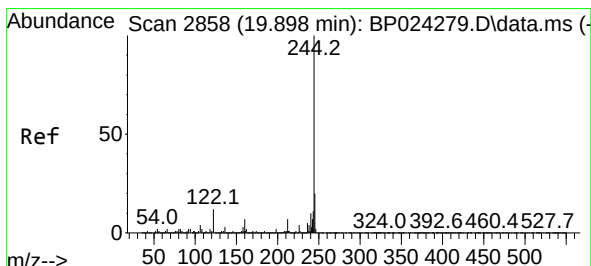
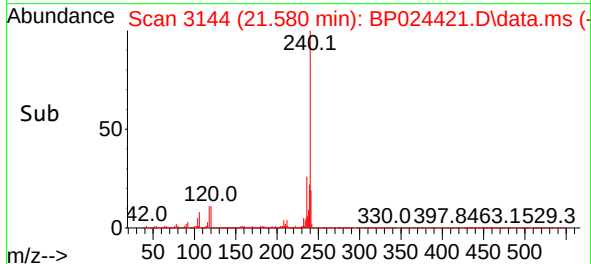
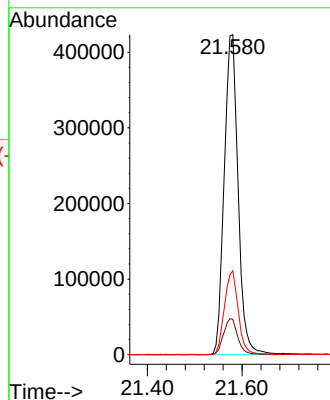
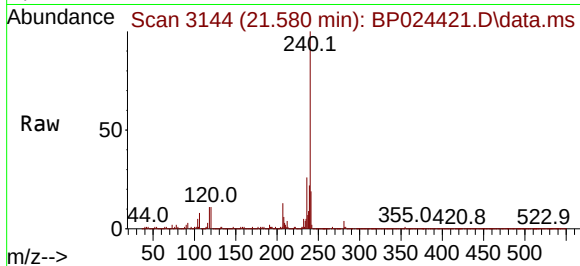




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3151
Delta R.T. -0.012 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

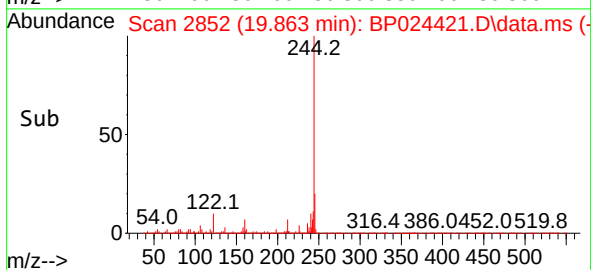
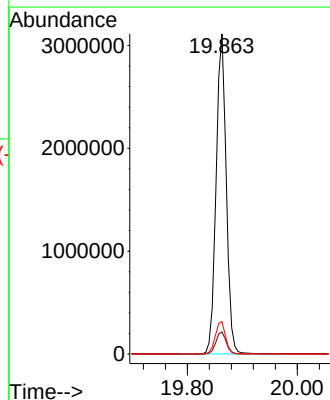
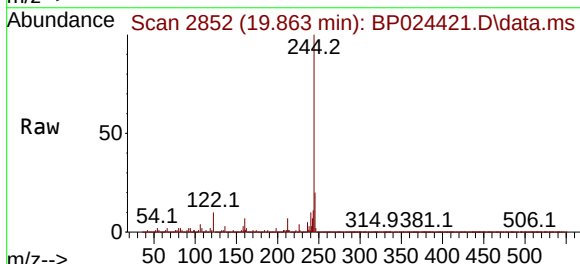
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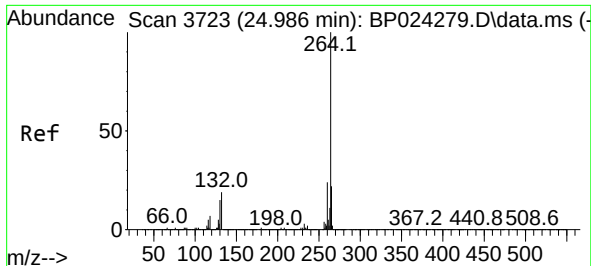
Tgt Ion:240 Resp: 859968
Ion Ratio Lower Upper
240 100
120 11.1 9.8 14.8
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 93.667 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.012 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

Tgt Ion:244 Resp: 3996263
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.1 9.4 14.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024421.D
Acq: 25 Apr 2025 13:46

Instrument :
BNA_P
ClientSampleId :
ETGI-354

Tgt Ion:264 Resp: 205755

Ion	Ratio	Lower	Upper
264	100		
260	27.7	18.9	28.3
265	23.6	17.8	26.6

