

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024404.D
 Acq On : 23 Apr 2025 20:18
 Operator : RC/JU
 Sample : Q1852-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-278

Quant Time: Apr 24 02:40:47 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)

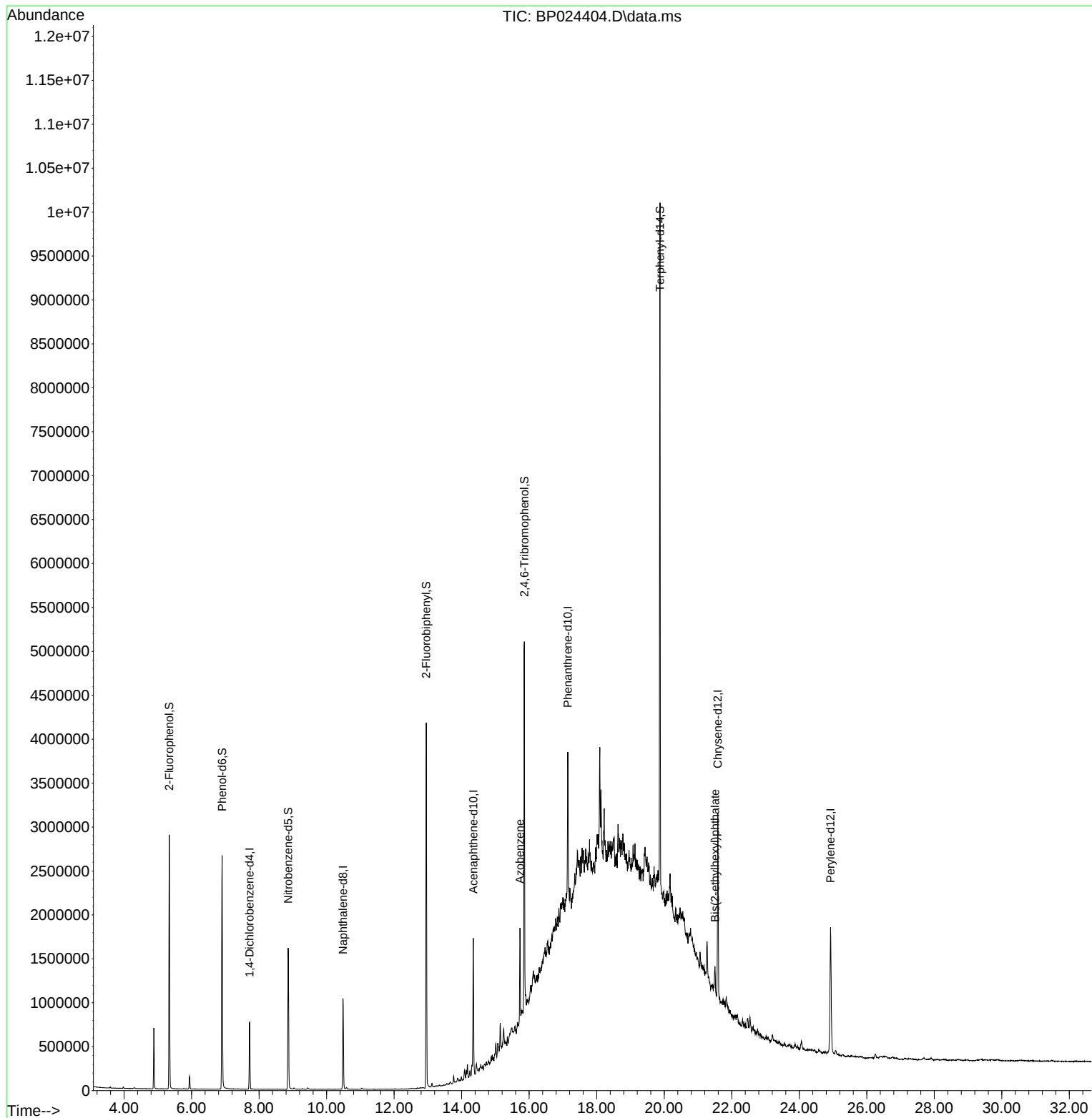
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	211234	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	849507	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	539903	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1024870	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1219843	20.000	ng	0.00
86) Perylene-d12	24.927	264	1433059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1249249	97.786	ng	0.00
7) Phenol-d6	6.904	99	1643831	93.971	ng	0.00
23) Nitrobenzene-d5	8.863	82	997561	66.959	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	845522	113.191	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2165778	61.419	ng	-0.01
79) Terphenyl-d14	19.874	244	3749474	61.955	ng	0.00
Target Compounds						
63) Azobenzene	15.728	77	281812	7.578	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.504	149	101465	2.084	ng	# 98

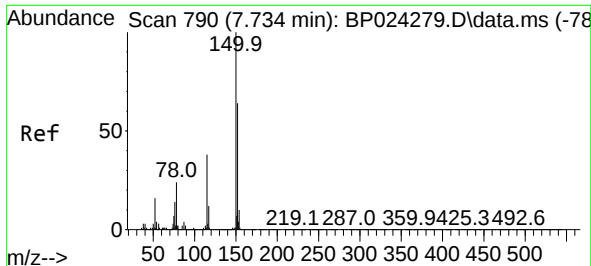
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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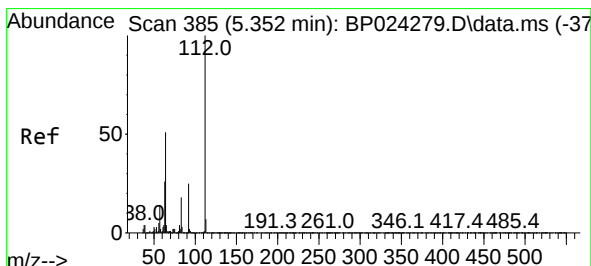
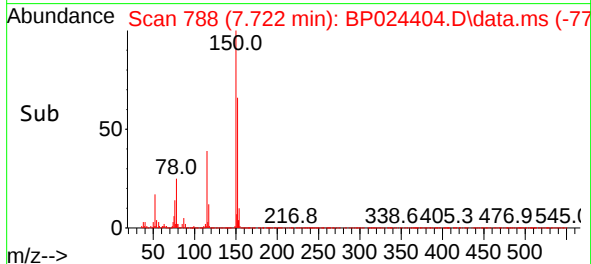
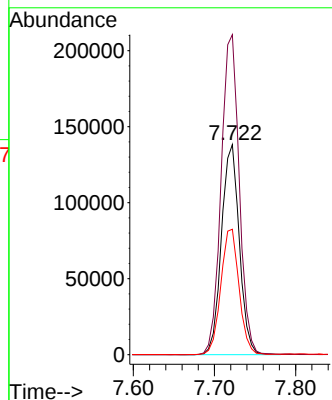
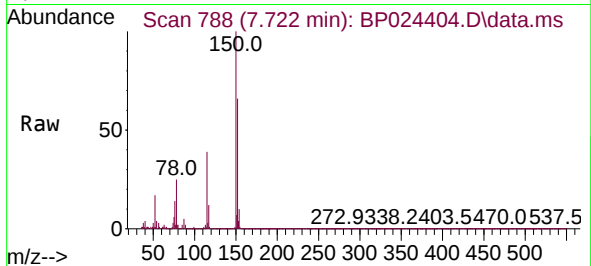




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

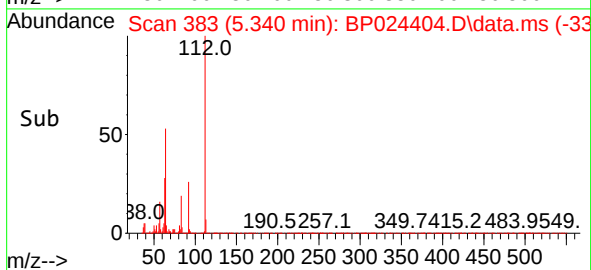
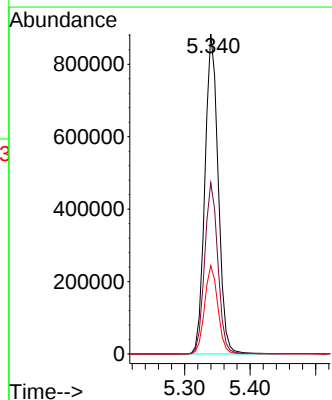
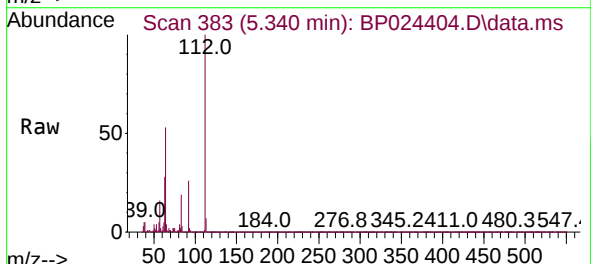
Instrument :
BNA_P
ClientSampleId :
ETGI-278

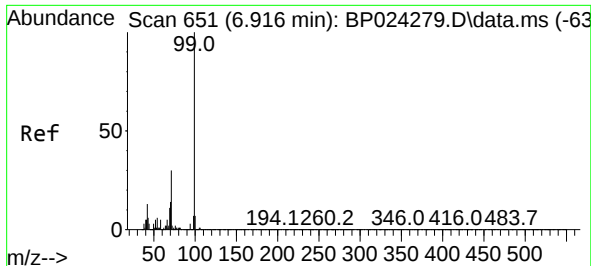
Tgt Ion:152 Resp: 211234
Ion Ratio Lower Upper
152 100
150 152.3 124.9 187.3
115 59.7 47.7 71.5



#5
2-Fluorophenol
Concen: 97.786 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

Tgt Ion:112 Resp: 1249249
Ion Ratio Lower Upper
112 100
64 53.5 41.1 61.7
63 27.6 20.6 30.8

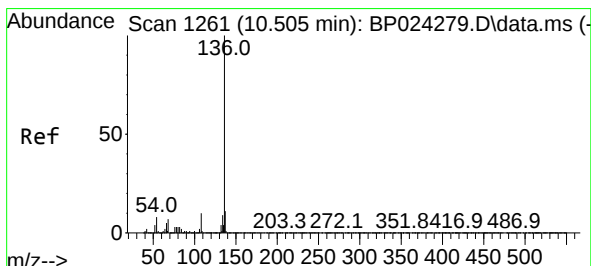
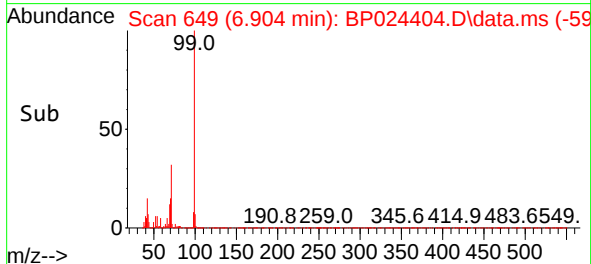
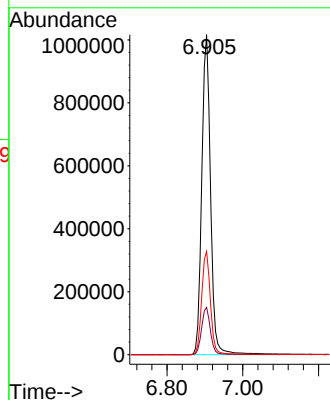
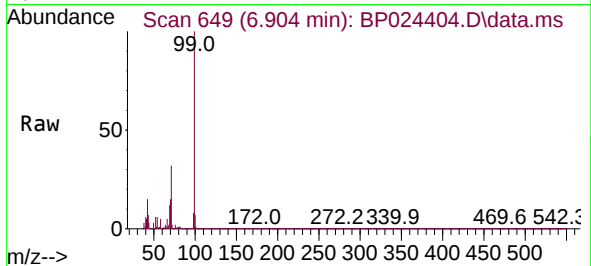




#7
Phenol-d6
Concen: 93.971 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

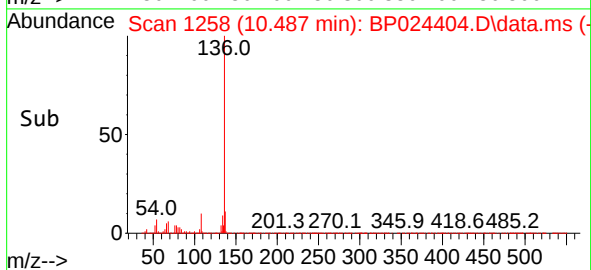
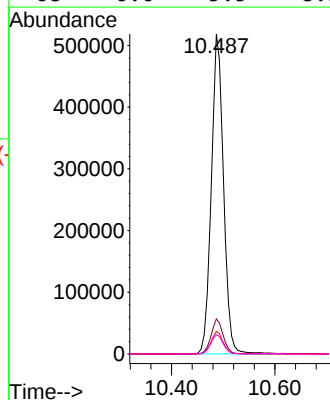
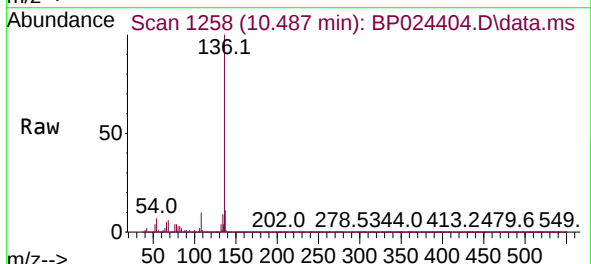
Instrument :
BNA_P
ClientSampleId :
ETGI-278

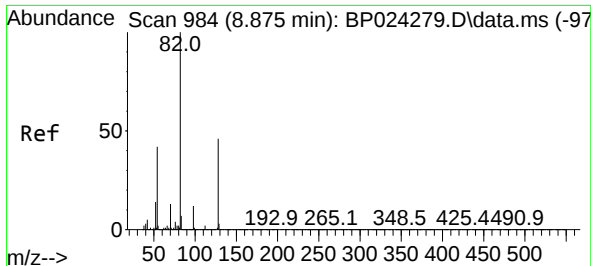
Tgt Ion: 99 Resp: 1643831
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

Tgt Ion: 136 Resp: 849507
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 6.0 5.5 8.3

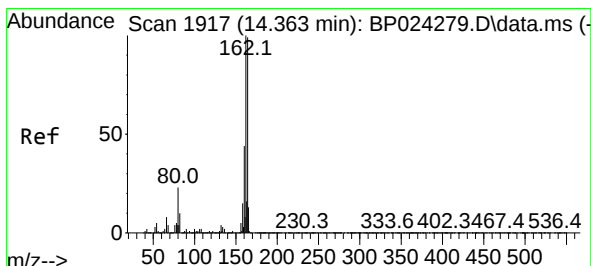
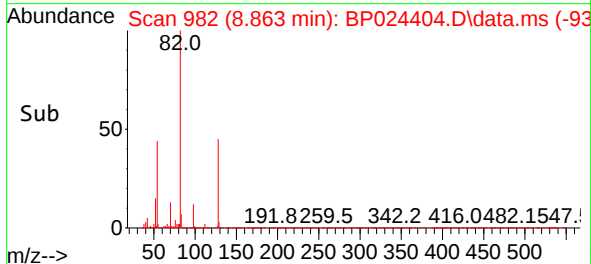
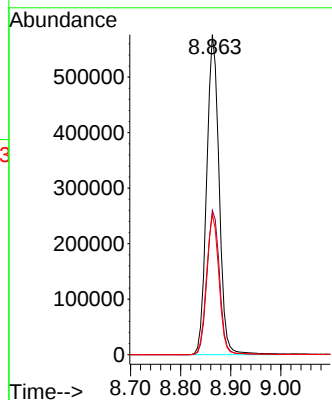
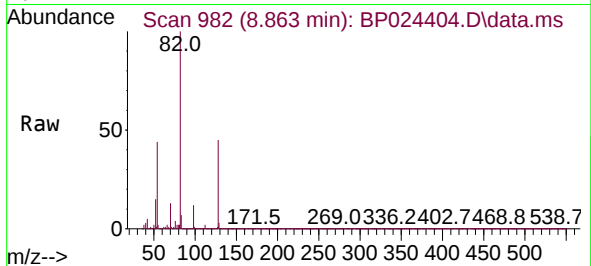




#23
Nitrobenzene-d5
Concen: 66.959 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

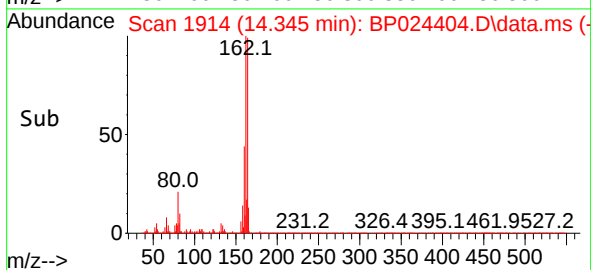
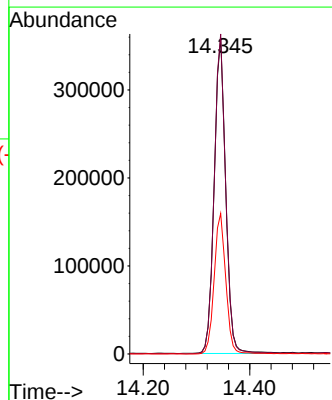
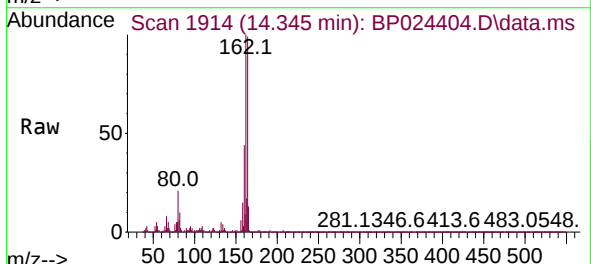
Instrument :
BNA_P
ClientSampleId :
ETGI-278

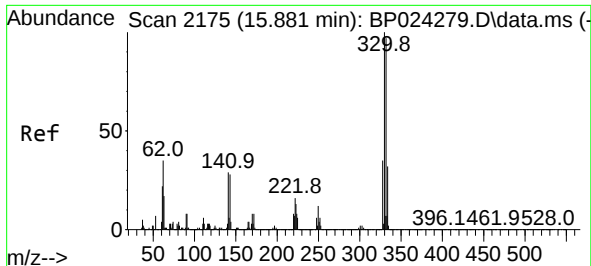
Tgt Ion: 82 Resp: 997561
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 43.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

Tgt Ion: 164 Resp: 539903
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.4 35.3 52.9

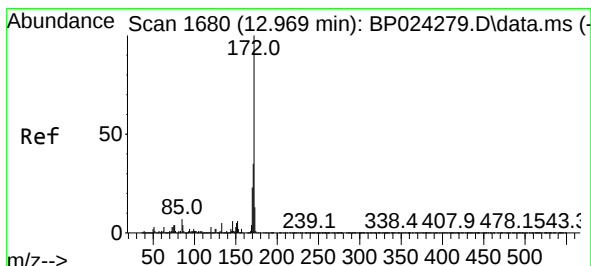
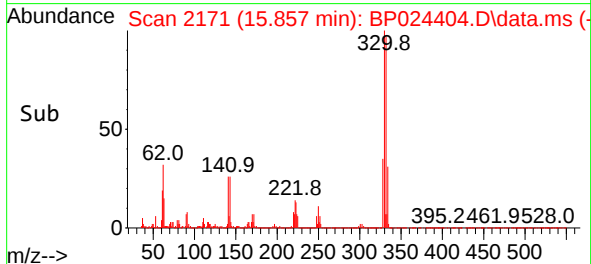
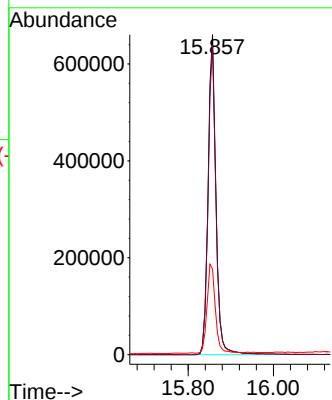
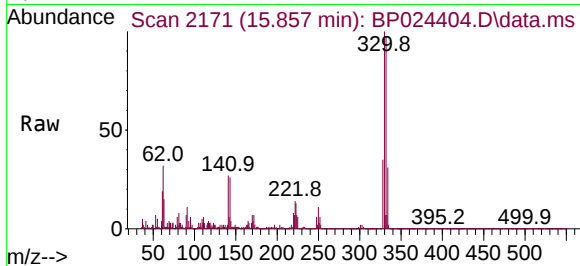




#42
2,4,6-Tribromophenol
Concen: 113.191 ng
RT: 15.857 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

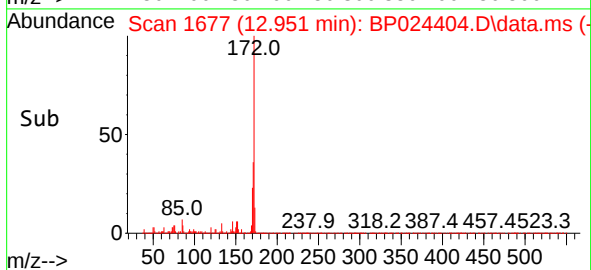
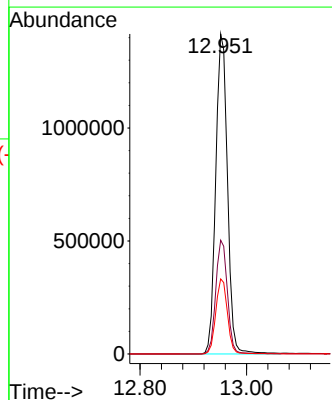
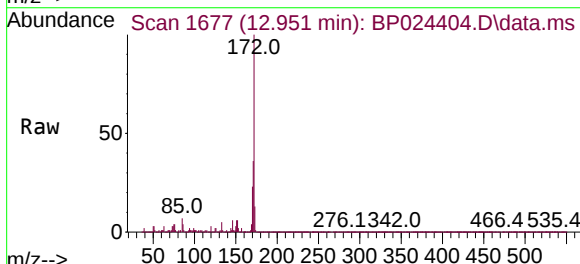
Instrument :
BNA_P
ClientSampleId :
ETGI-278

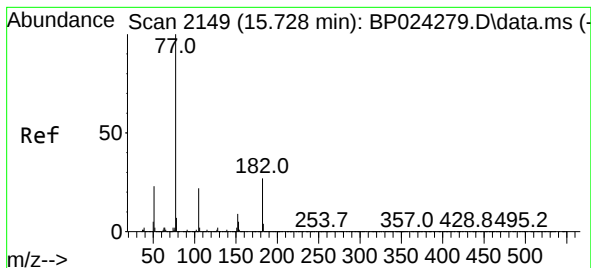
Tgt Ion:330 Resp: 845522
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 29.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 61.419 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

Tgt Ion:172 Resp: 2165778
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.4 18.6 27.8





#63

Azobenzene

Concen: 7.578 ng

RT: 15.728 min Scan# 2149

Delta R.T. 0.018 min

Lab File: BP024404.D

Acq: 23 Apr 2025 20:18

Instrument :

BNA_P

ClientSampleId :

ETGI-278

Tgt Ion: 77 Resp: 281812

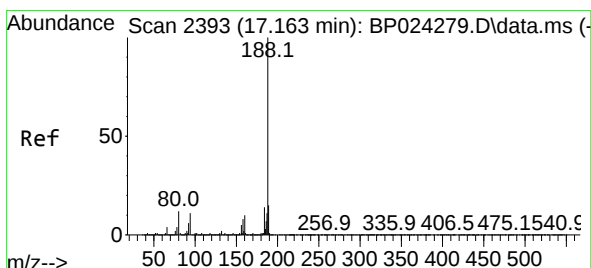
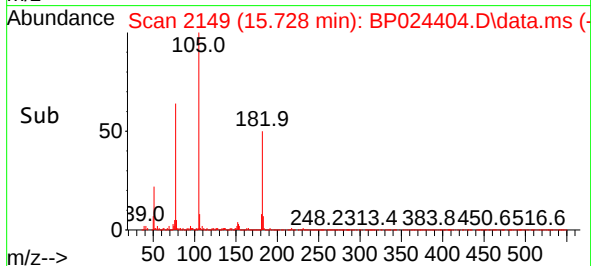
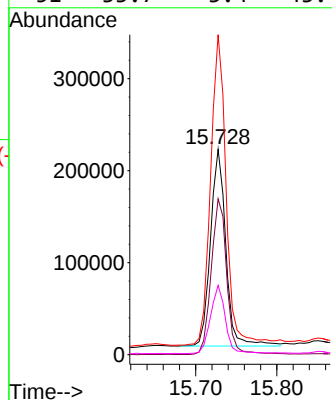
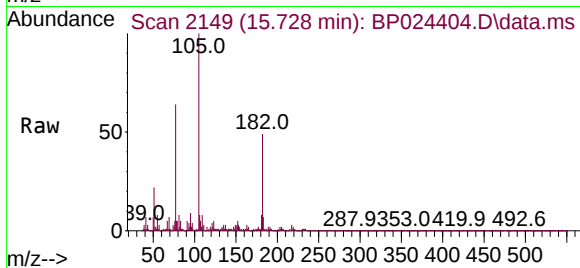
Ion Ratio Lower Upper

77 100

182 75.9 7.3 47.3#

105 155.7 2.3 42.3#

51 33.7 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2390

Delta R.T. -0.000 min

Lab File: BP024404.D

Acq: 23 Apr 2025 20:18

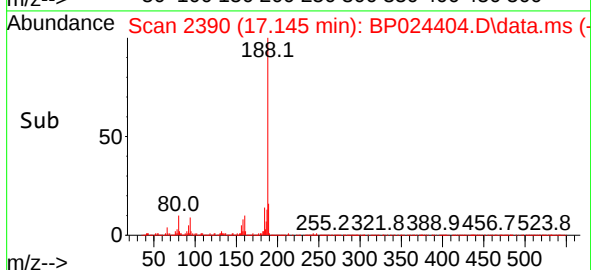
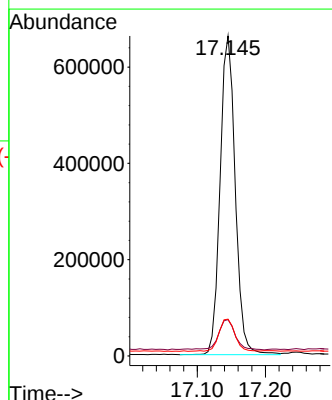
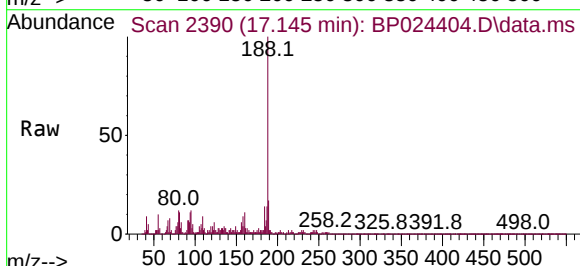
Tgt Ion: 188 Resp: 1024870

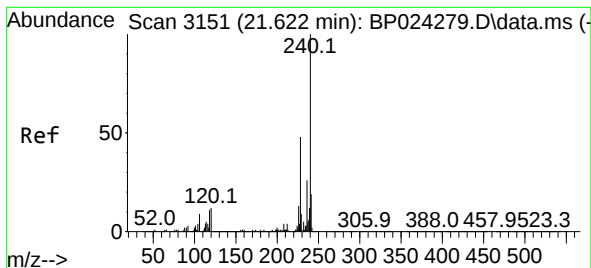
Ion Ratio Lower Upper

188 100

94 11.3 8.6 13.0

80 11.5 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP024404.D

Acq: 23 Apr 2025 20:18

Instrument :

BNA_P

ClientSampleId :

ETGI-278

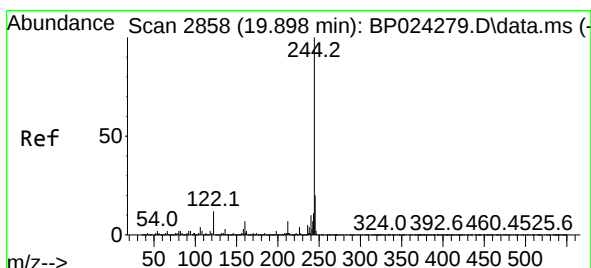
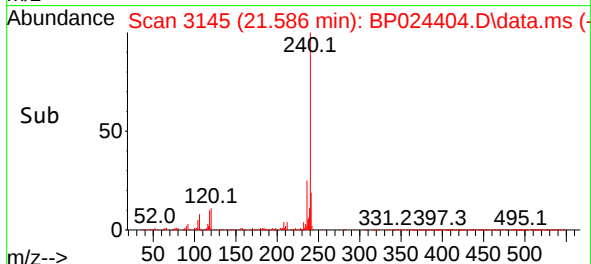
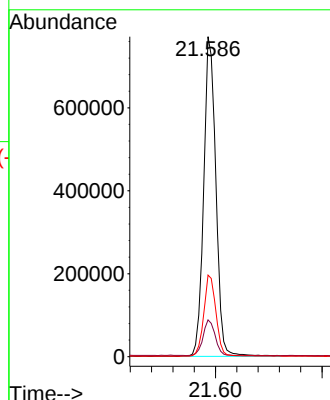
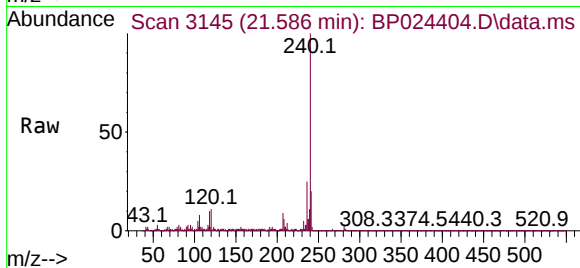
Tgt Ion:240 Resp: 1219843

Ion Ratio Lower Upper

240 100

120 11.5 9.8 14.8

236 25.5 20.9 31.3



#79

Terphenyl-d14

Concen: 61.955 ng

RT: 19.874 min Scan# 2854

Delta R.T. -0.000 min

Lab File: BP024404.D

Acq: 23 Apr 2025 20:18

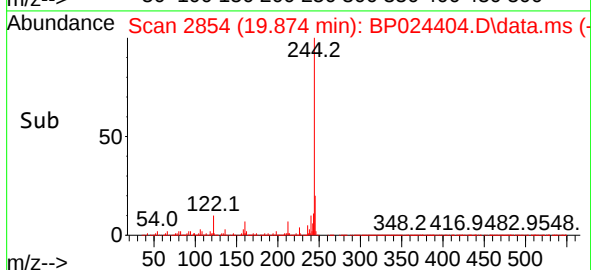
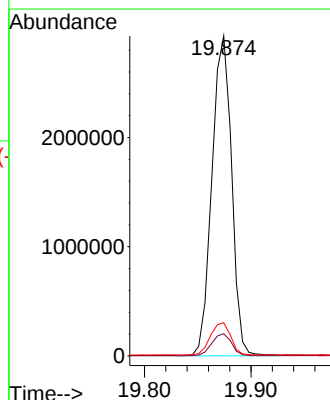
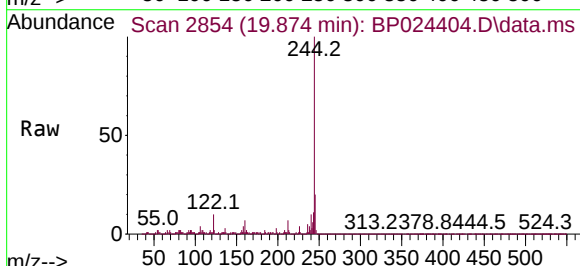
Tgt Ion:244 Resp: 3749474

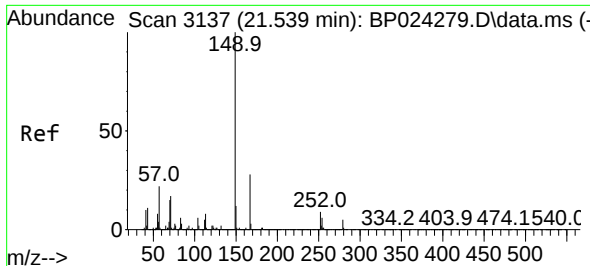
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.4 9.4 14.0

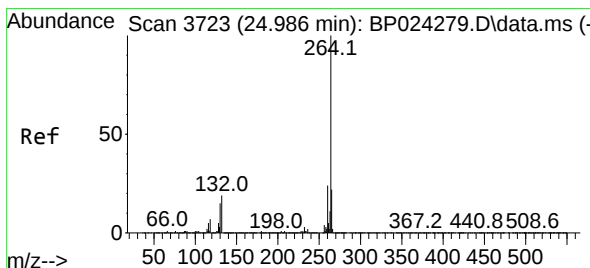
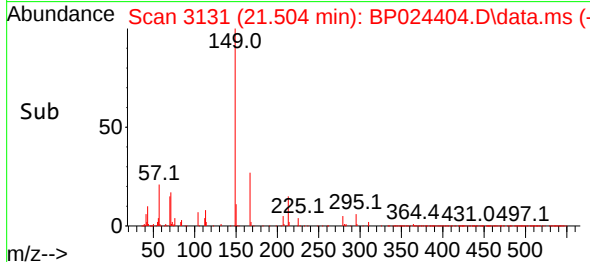
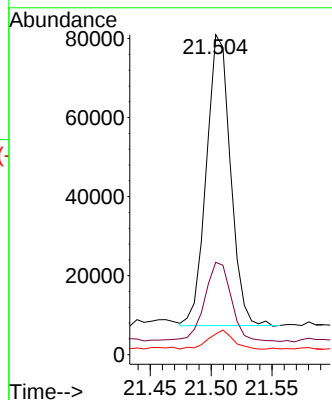
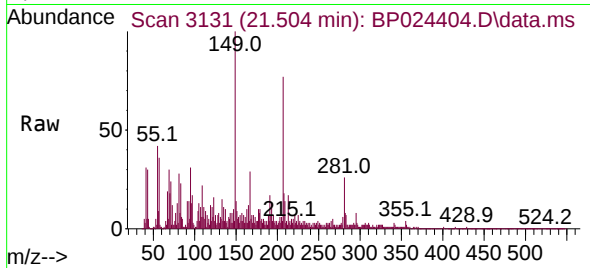




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.084 ng
RT: 21.504 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

Instrument :
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ClientSampleId :
ETGI-278

Tgt Ion:149 Resp: 101465
Ion Ratio Lower Upper
149 100
167 28.8 22.4 33.6
279 6.5 4.0 6.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 3713
Delta R.T. -0.006 min
Lab File: BP024404.D
Acq: 23 Apr 2025 20:18

Tgt Ion:264 Resp: 1433059
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.7 17.8 26.6

