

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024762.D
Acq On : 22 May 2025 17:02
Operator : RC/JU
Sample : Q2097-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-290

Quant Time: May 22 18:02:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	113034	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	458027	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	303228	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	559034	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	651722	20.000	ng	0.00
86) Perylene-d12	24.804	264	833493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	572821	86.676	ng	0.00
7) Phenol-d6	6.858	99	717923	85.117	ng	0.00
23) Nitrobenzene-d5	8.799	82	422395	46.596	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	494152	96.128	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1127432	48.712	ng	-0.01
79) Terphenyl-d14	19.816	244	1807255	47.549	ng	0.00

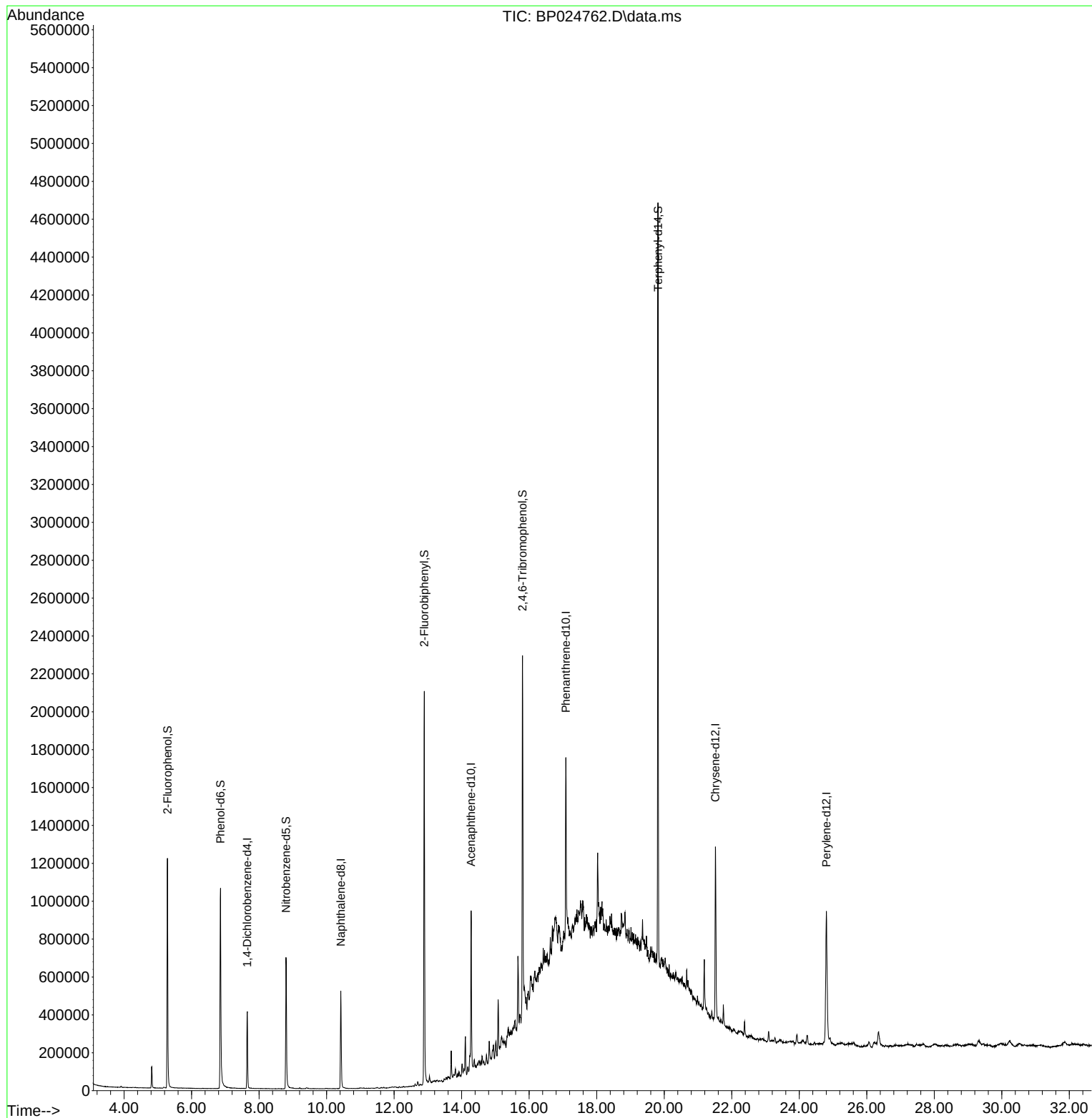
Target Compounds	Qvalue

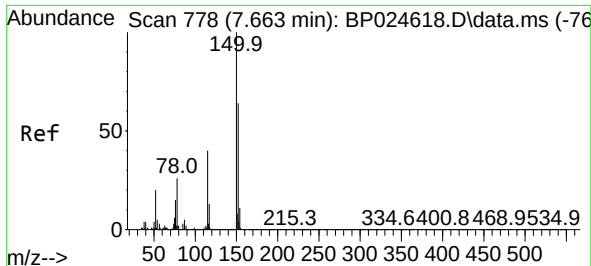
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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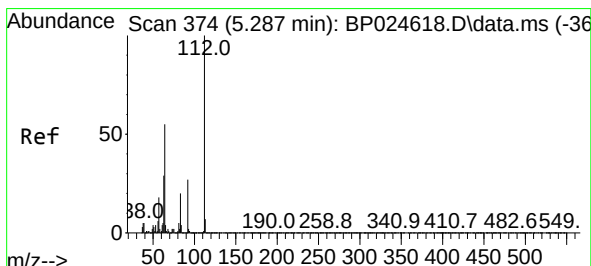
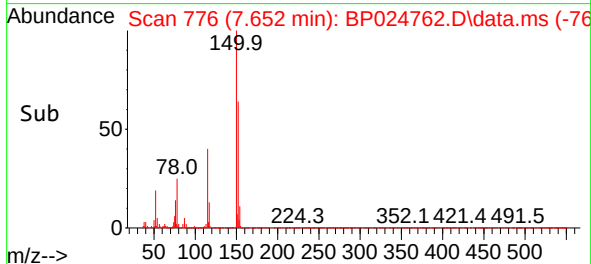
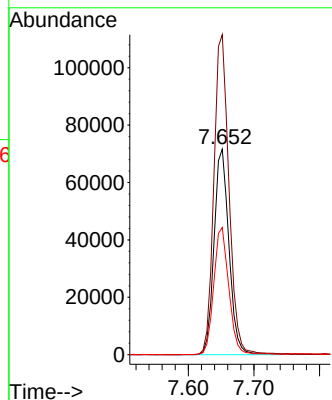
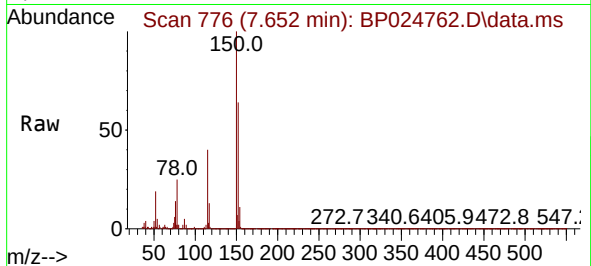




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

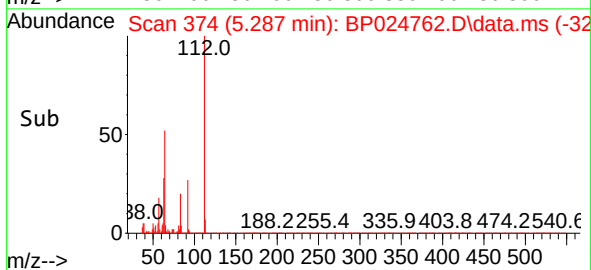
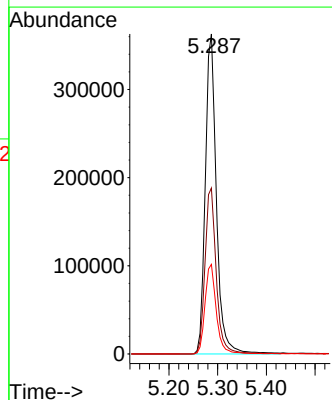
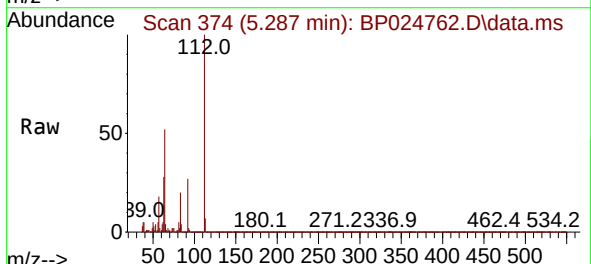
Instrument :
BNA_P
ClientSampleId :
ETGI-290

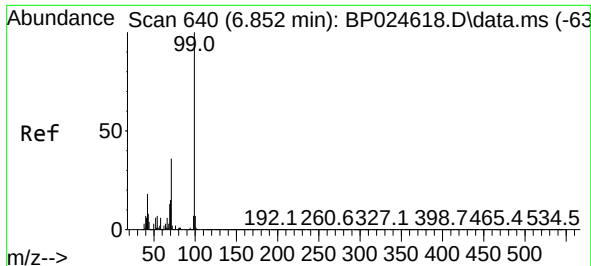
Tgt Ion:152 Resp: 113034
Ion Ratio Lower Upper
152 100
150 155.6 125.9 188.9
115 61.8 50.1 75.1



#5
2-Fluorophenol
Concen: 86.676 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Tgt Ion:112 Resp: 572821
Ion Ratio Lower Upper
112 100
64 51.9 44.1 66.1
63 28.0 23.5 35.3





#7

Phenol-d6

Concen: 85.117 ng

RT: 6.858 min Scan# 640

Delta R.T. 0.006 min

Lab File: BP024762.D

Acq: 22 May 2025 17:02

Instrument :

BNA_P

ClientSampleId :

ETGI-290

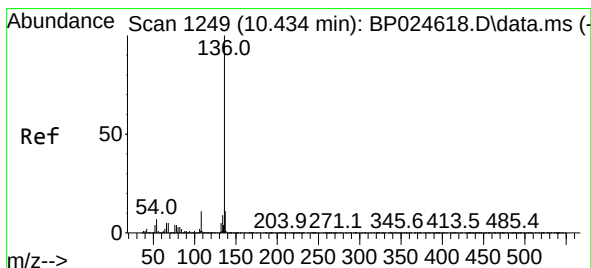
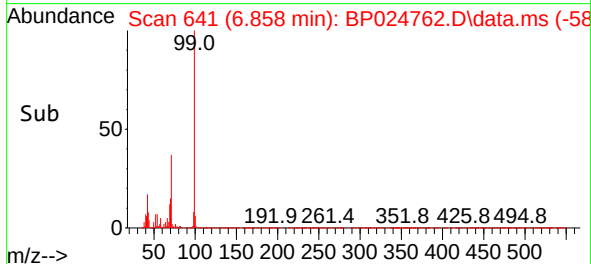
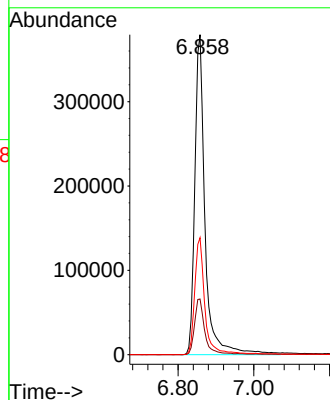
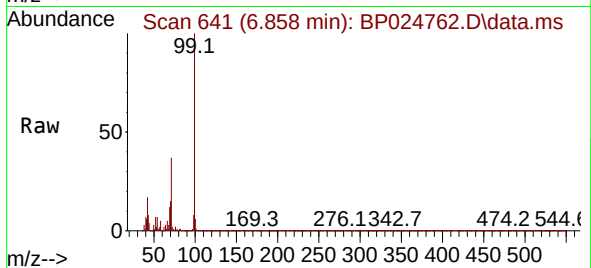
Tgt Ion: 99 Resp: 717923

Ion Ratio Lower Upper

99 100

42 17.4 14.4 21.6

71 36.5 29.2 43.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.422 min Scan# 1247

Delta R.T. -0.012 min

Lab File: BP024762.D

Acq: 22 May 2025 17:02

Tgt Ion:136 Resp: 458027

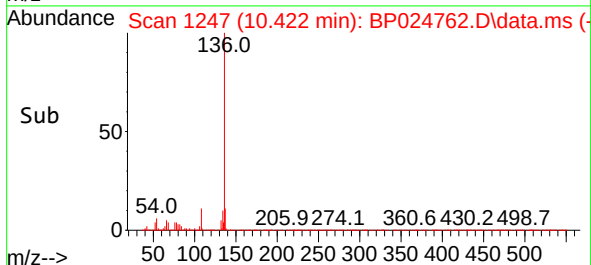
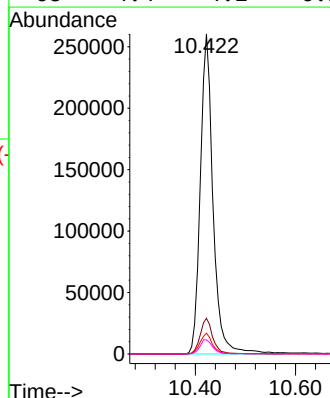
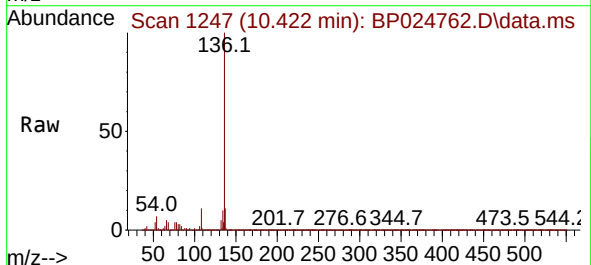
Ion Ratio Lower Upper

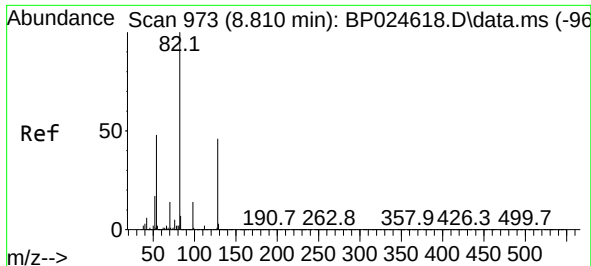
136 100

137 11.1 8.8 13.2

54 6.5 5.5 8.3

68 4.4 4.2 6.2

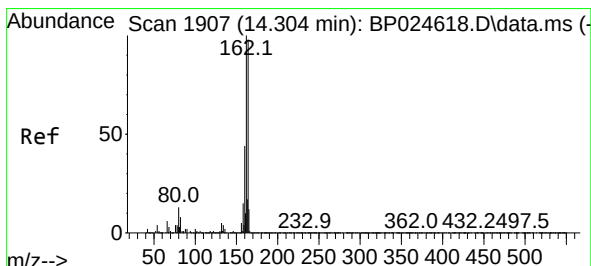
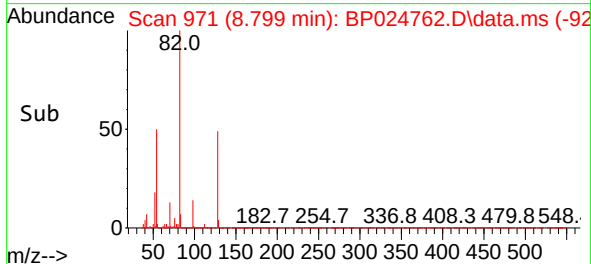
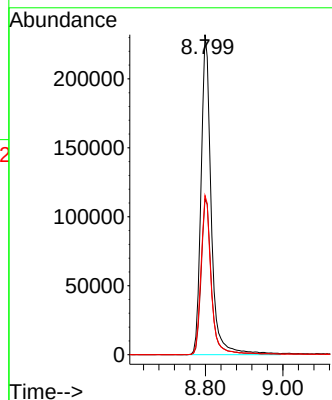
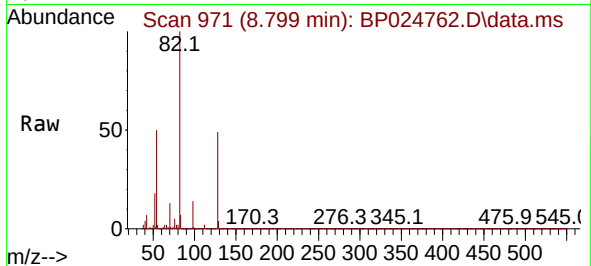




#23
Nitrobenzene-d5
Concen: 46.596 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

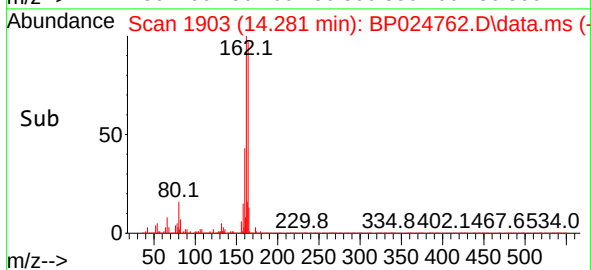
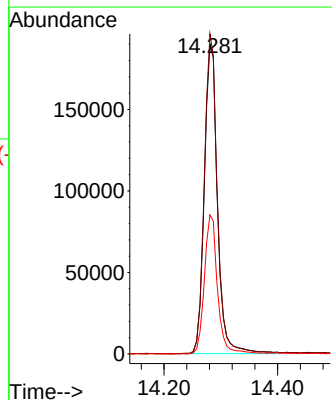
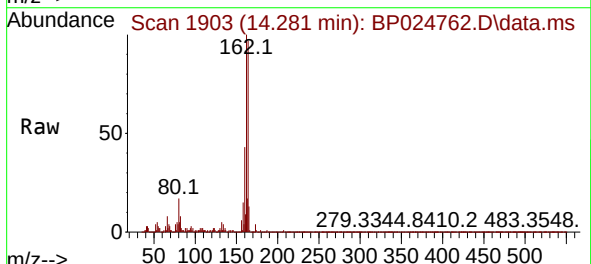
Instrument :
BNA_P
ClientSampleId :
ETGI-290

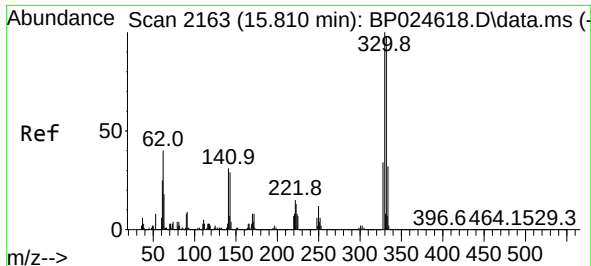
Tgt Ion: 82 Resp: 422395
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 49.8 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Tgt Ion:164 Resp: 303228
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 44.9 36.3 54.5

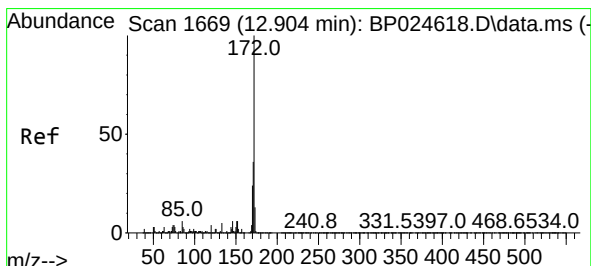
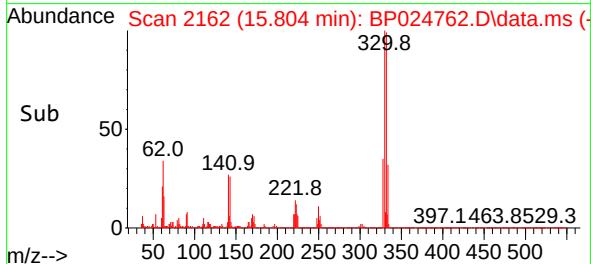
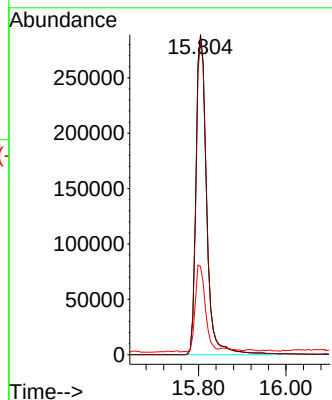
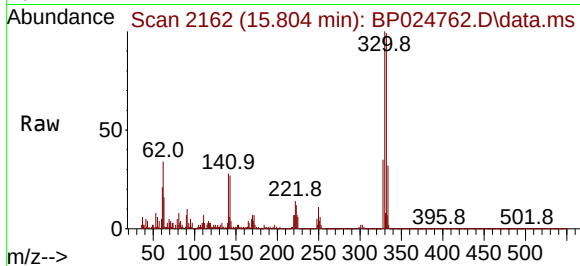




#42
2,4,6-Tribromophenol
Concen: 96.128 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

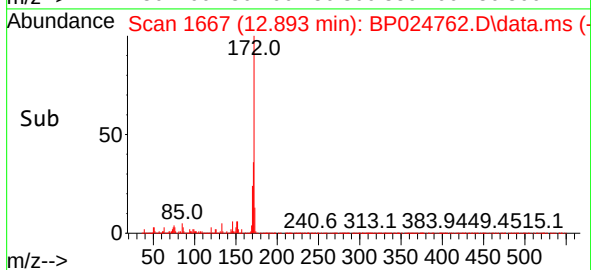
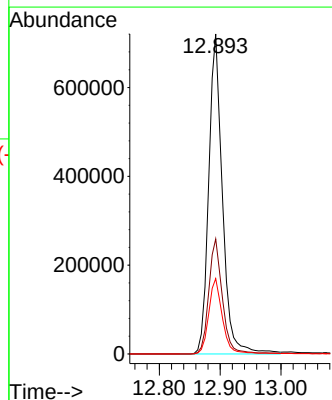
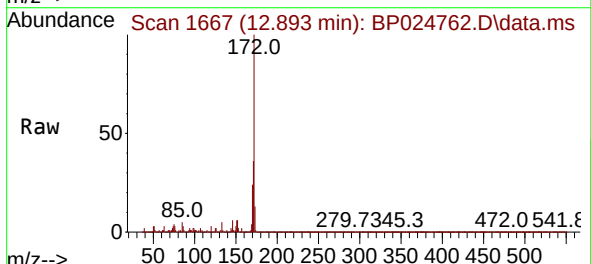
Instrument :
BNA_P
ClientSampleId :
ETGI-290

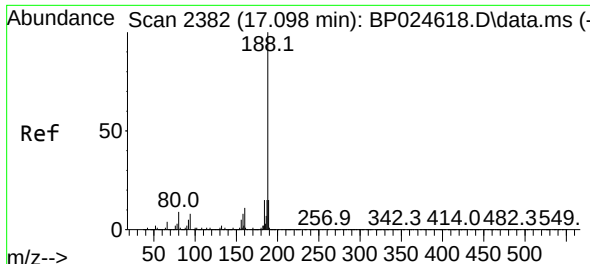
Tgt Ion:330 Resp: 494152
Ion Ratio Lower Upper
330 100
332 98.0 78.2 117.4
141 25.3 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 48.712 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Tgt Ion:172 Resp: 1127432
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.5 18.8 28.2

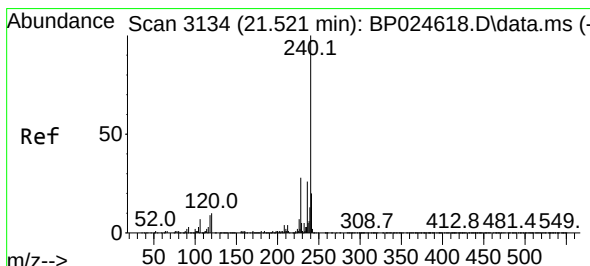
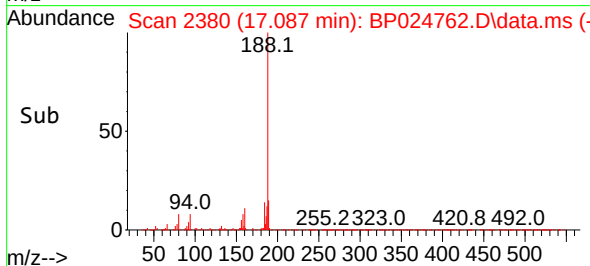
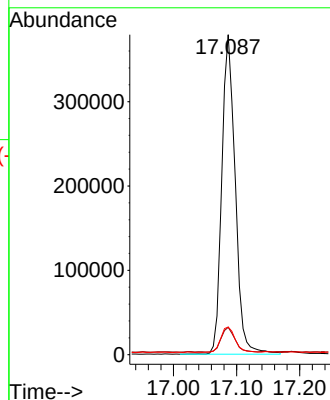
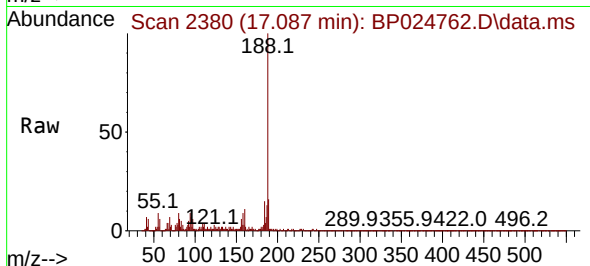




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

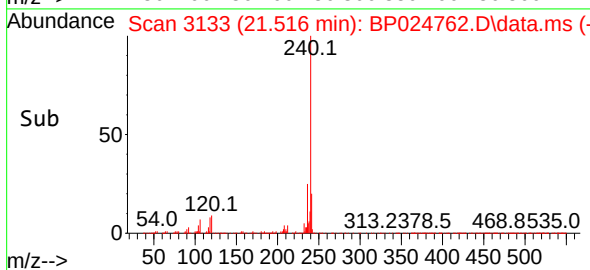
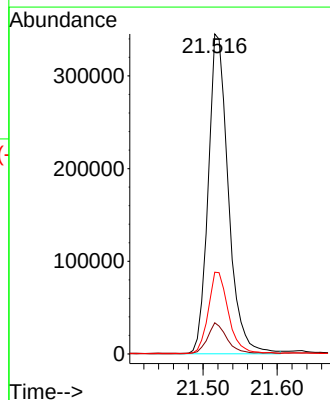
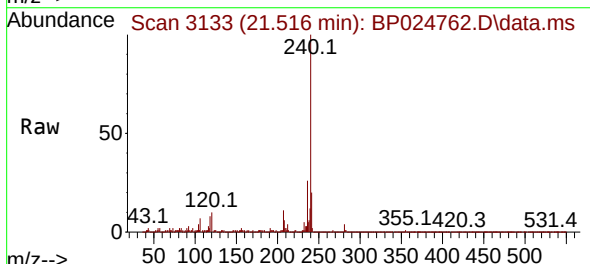
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ETGI-290

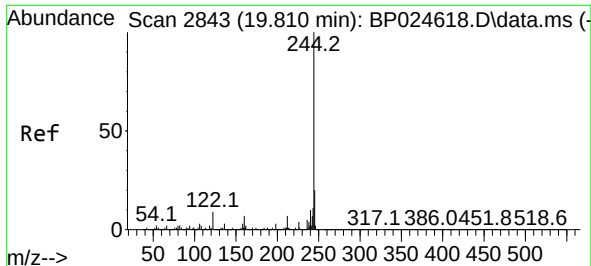
Tgt Ion:188 Resp: 559034
Ion Ratio Lower Upper
188 100
94 8.6 6.5 9.7
80 8.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024762.D
Acq: 22 May 2025 17:02

Tgt Ion:240 Resp: 651722
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.6 20.6 31.0

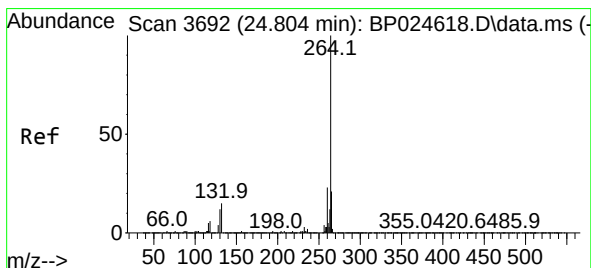
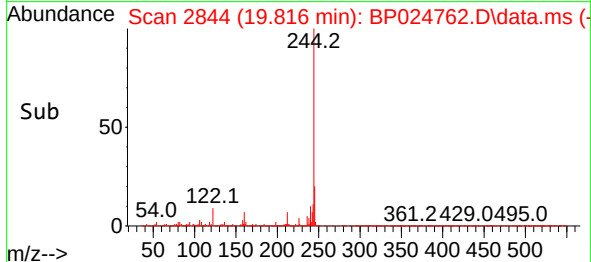
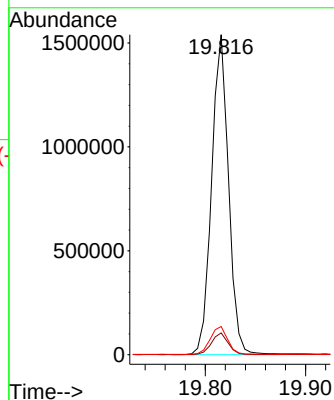
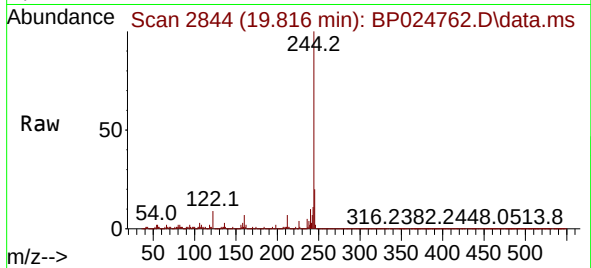




#79
 Terphenyl-d14
 Concen: 47.549 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024762.D
 Acq: 22 May 2025 17:02

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-290

Tgt Ion:244 Resp: 1807255
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.8 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 3692
 Delta R.T. 0.000 min
 Lab File: BP024762.D
 Acq: 22 May 2025 17:02

Tgt Ion:264 Resp: 833493
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.8 17.0 25.6

