

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042425\
 Data File : BP024410.D
 Acq On : 24 Apr 2025 16:35
 Operator : RC/JU
 Sample : Q1852-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-354

Quant Time: Apr 24 16:59:50 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)

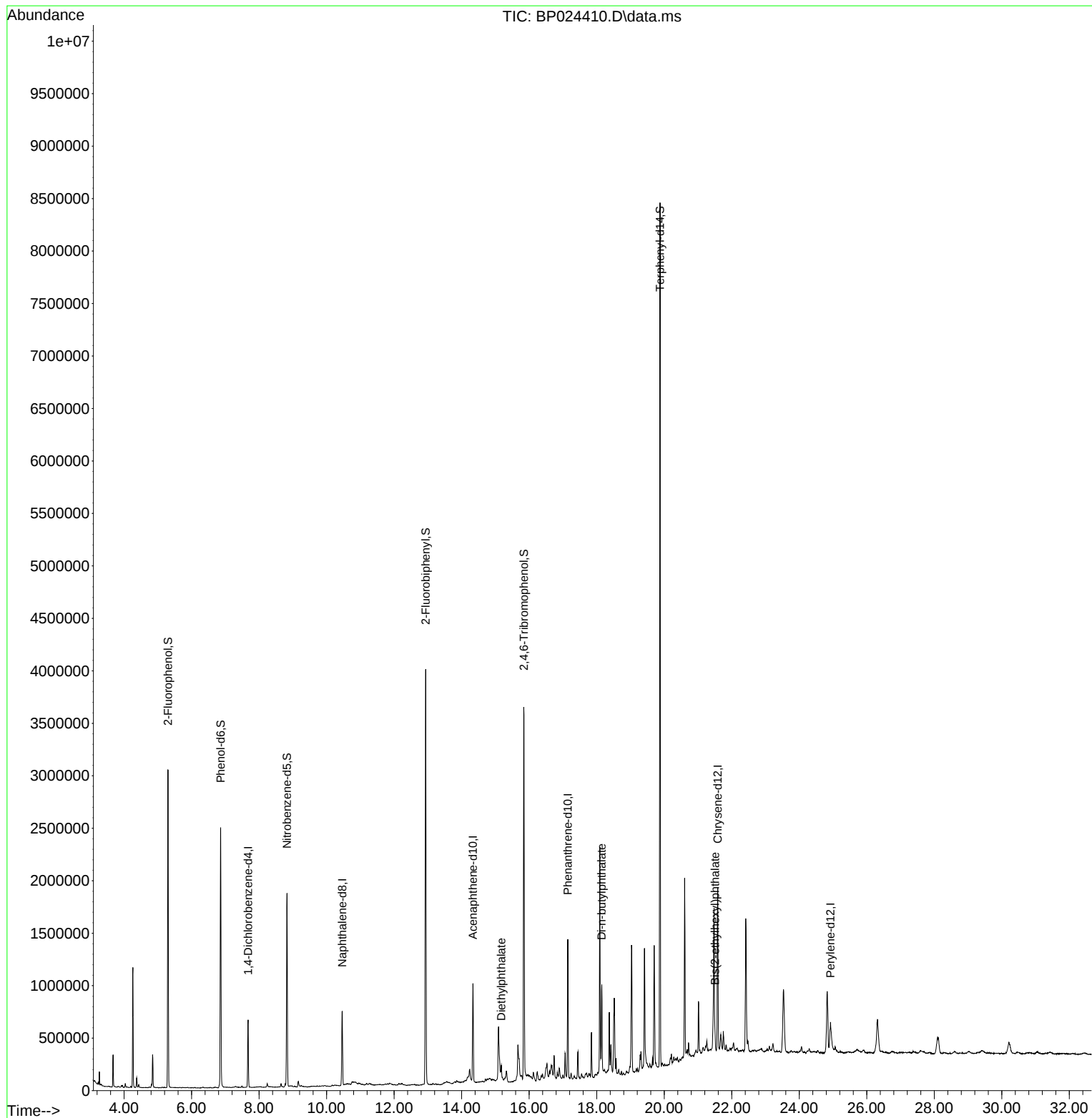
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	169340	20.000	ng	-0.05
21) Naphthalene-d8	10.463	136	652161	20.000	ng	-0.04
39) Acenaphthene-d10	14.334	164	350414	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	787249	20.000	ng	0.00
76) Chrysene-d12	21.586	240	893640	20.000	ng	0.00
86) Perylene-d12	24.927	264	184874	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1397633	136.466	ng	-0.04
7) Phenol-d6	6.863	99	1501989	107.104	ng	-0.05
23) Nitrobenzene-d5	8.828	82	1047377	91.577	ng	-0.04
42) 2,4,6-Tribromophenol	15.845	330	808607	166.786	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	2181225	95.307	ng	-0.03
79) Terphenyl-d14	19.874	244	4008296	90.409	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	15.175	149	76806	2.925	ng	99
74) Di-n-butylphthalate	18.151	149	718362	14.257	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	78159	2.192	ng	99

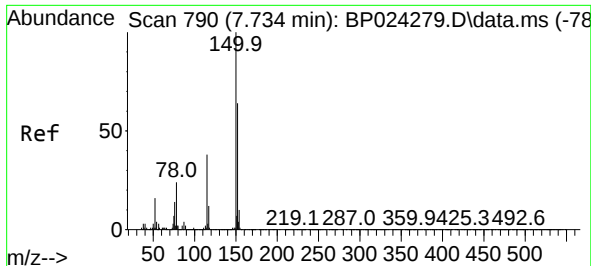
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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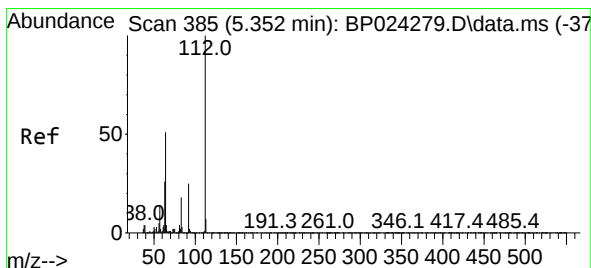
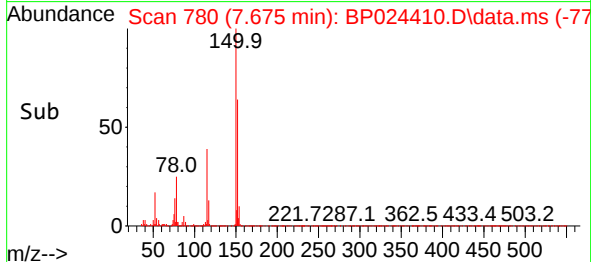
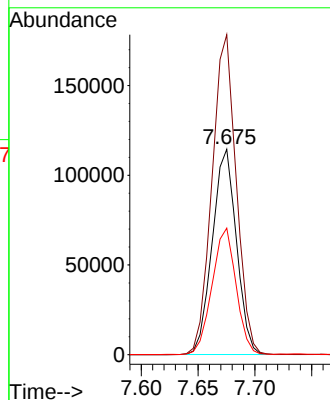
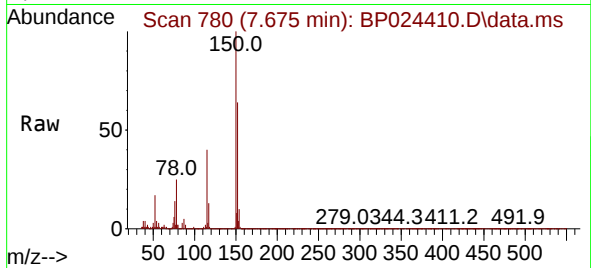




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.675 min Scan# 71
Delta R.T. -0.047 min
Lab File: BP024410.D
Acq: 24 Apr 2025 16:35

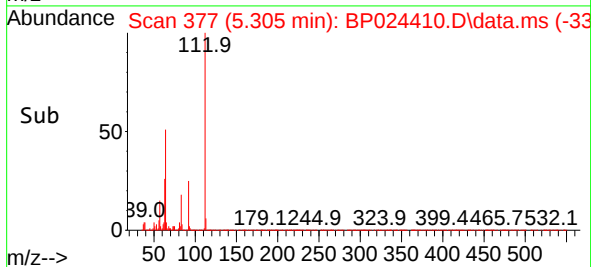
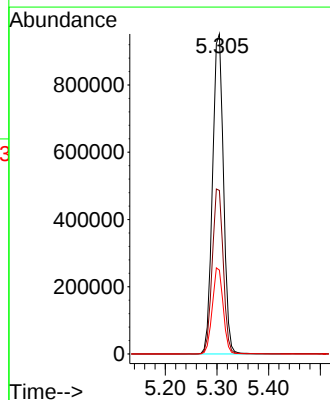
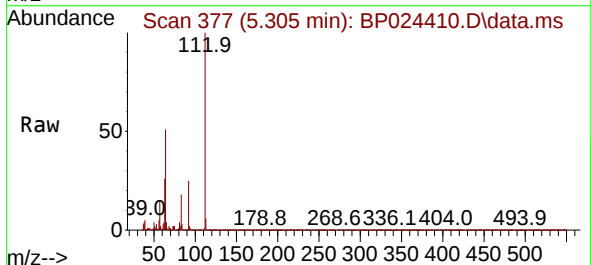
Instrument :
BNA_P
ClientSampleId :
ETGI-354

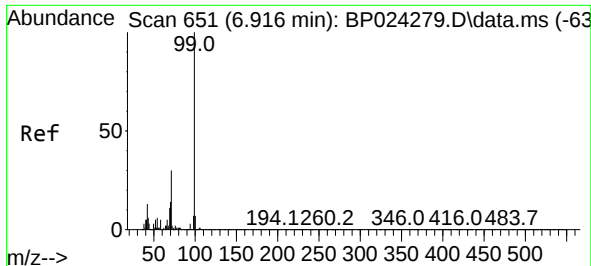
Tgt Ion:152 Resp: 169340
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 136.466 ng
RT: 5.305 min Scan# 377
Delta R.T. -0.041 min
Lab File: BP024410.D
Acq: 24 Apr 2025 16:35

Tgt Ion:112 Resp: 1397633
Ion Ratio Lower Upper
112 100
64 51.1 41.1 61.7
63 26.2 20.6 30.8

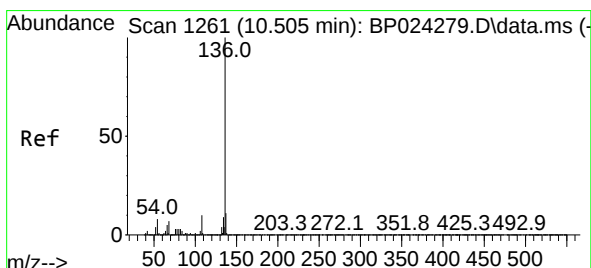
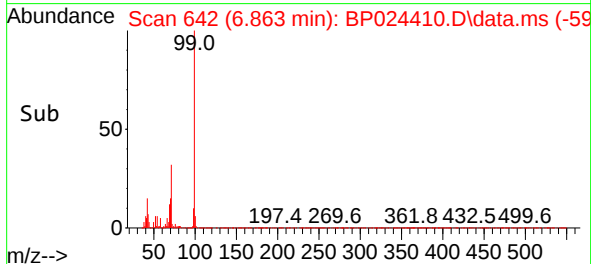
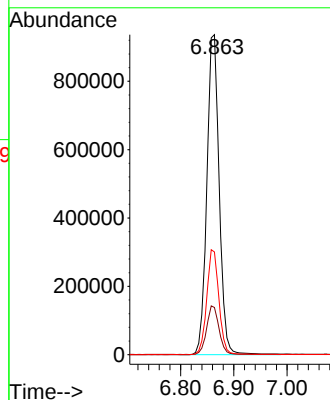
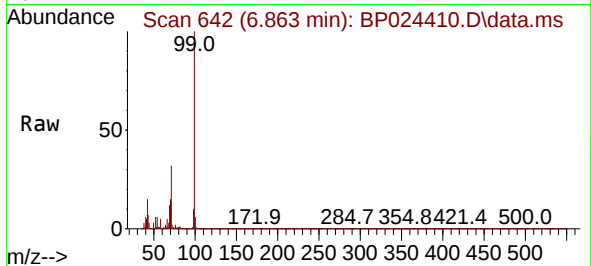




#7
Phenol-d6
Concen: 107.104 ng
RT: 6.863 min Scan# 64
Delta R.T. -0.047 min
Lab File: BP024410.D
Acq: 24 Apr 2025 16:35

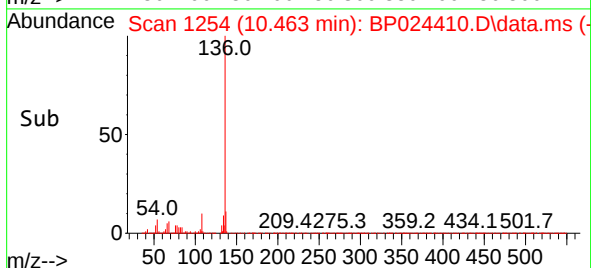
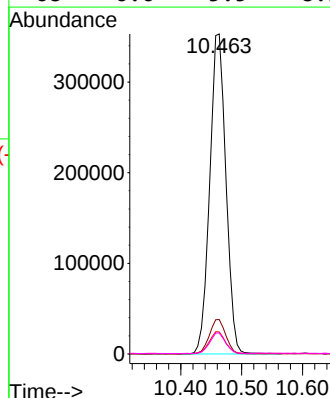
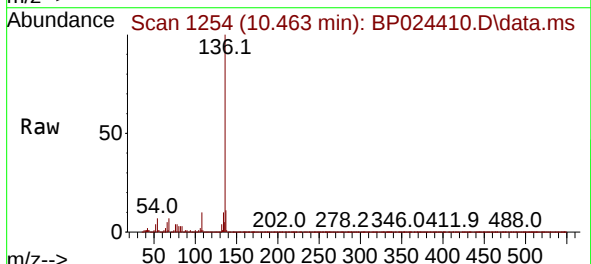
Instrument :
BNA_P
ClientSampleId :
ETGI-354

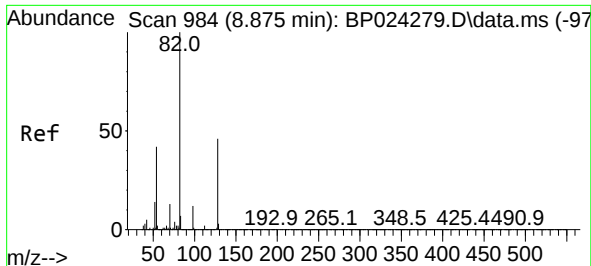
Tgt Ion: 99 Resp: 1501989
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.035 min
Lab File: BP024410.D
Acq: 24 Apr 2025 16:35

Tgt Ion:136 Resp: 652161
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.9 6.0 9.0
68 6.6 5.5 8.3

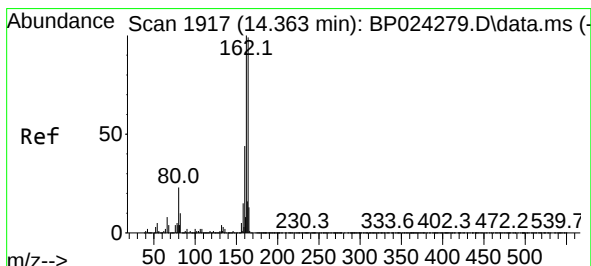
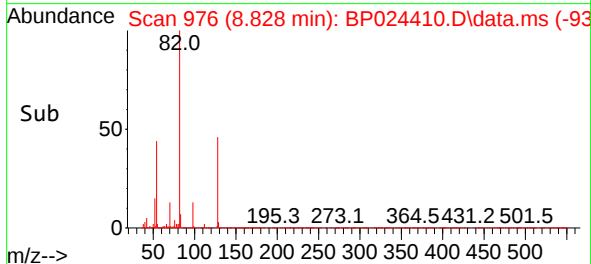
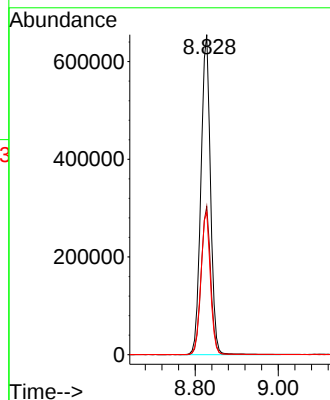
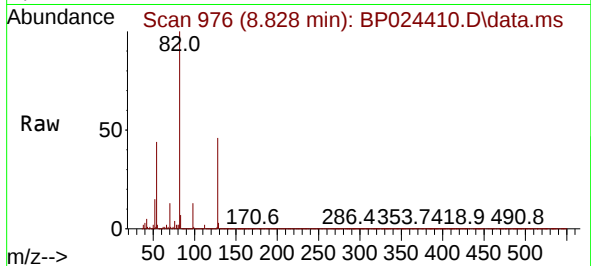




#23
Nitrobenzene-d5
Concen: 91.577 ng
RT: 8.828 min Scan# 91
Delta R.T. -0.041 min
Lab File: BP024410.D
Acq: 24 Apr 2025 16:35

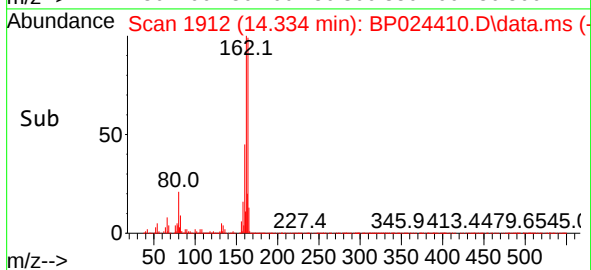
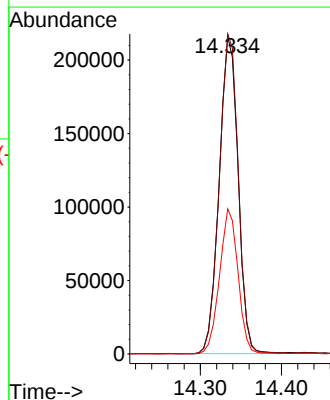
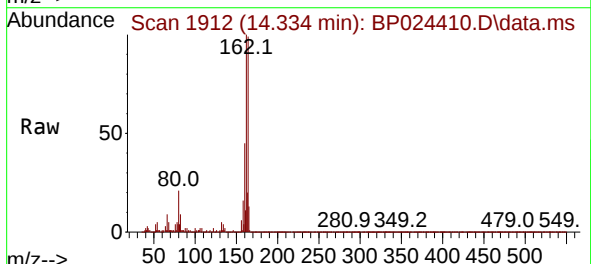
Instrument :
BNA_P
ClientSampleId :
ETGI-354

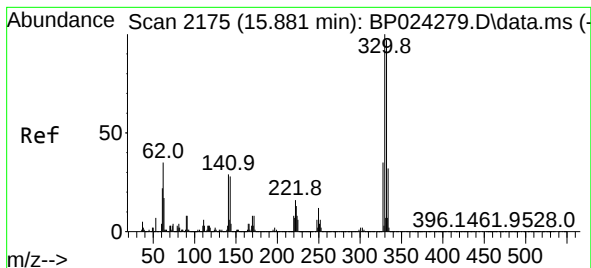
Tgt Ion: 82 Resp: 1047377
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 44.5 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024410.D
Acq: 24 Apr 2025 16:35

Tgt Ion:164 Resp: 350414
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 166.786 ng

RT: 15.845 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024410.D

Acq: 24 Apr 2025 16:35

Instrument :

BNA_P

ClientSampleId :

ETGI-354

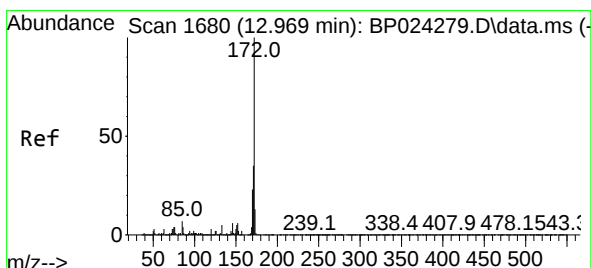
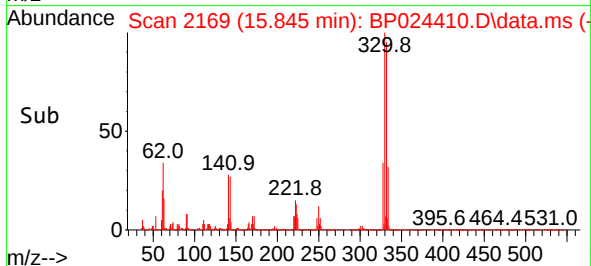
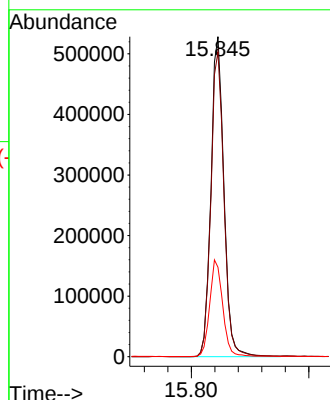
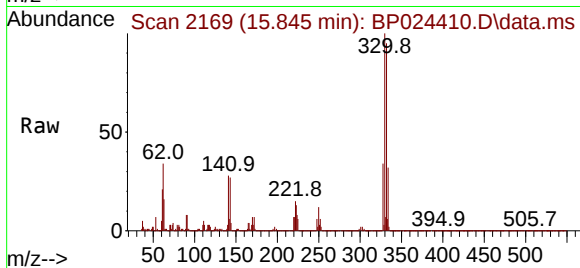
Tgt Ion:330 Resp: 808607

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 30.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 95.307 ng

RT: 12.934 min Scan# 1674

Delta R.T. -0.029 min

Lab File: BP024410.D

Acq: 24 Apr 2025 16:35

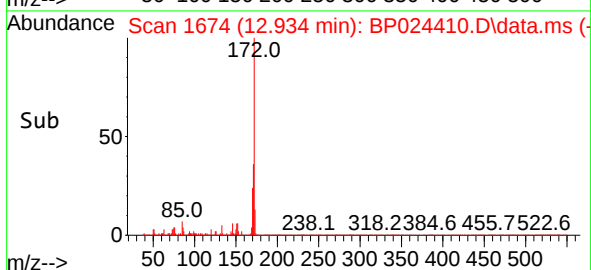
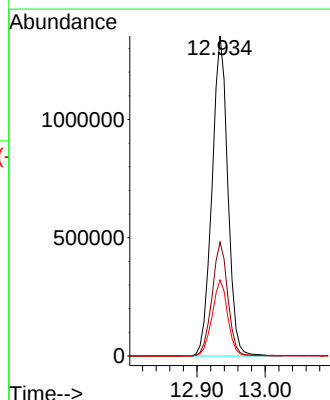
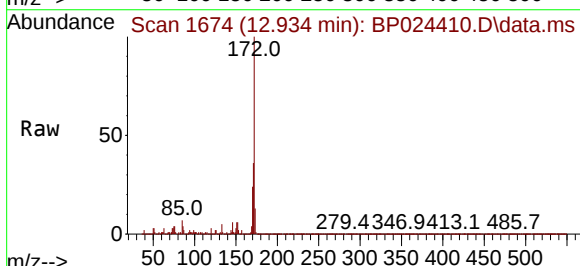
Tgt Ion:172 Resp: 2181225

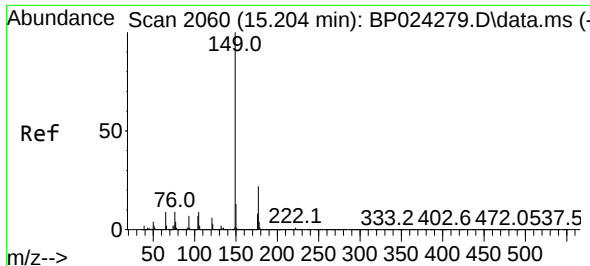
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.8 18.6 27.8

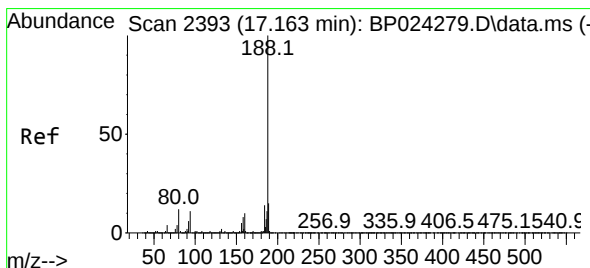
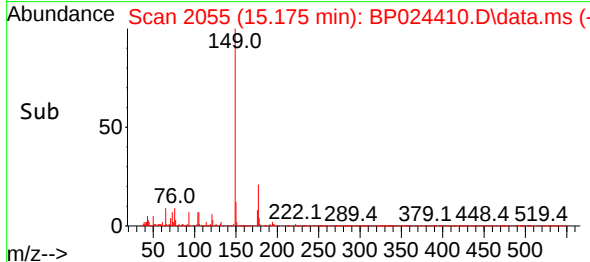
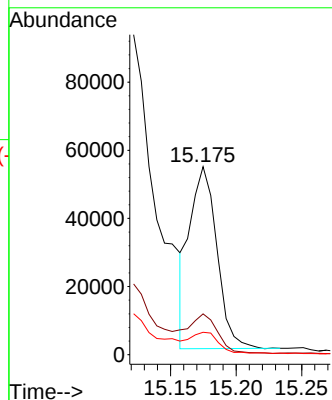
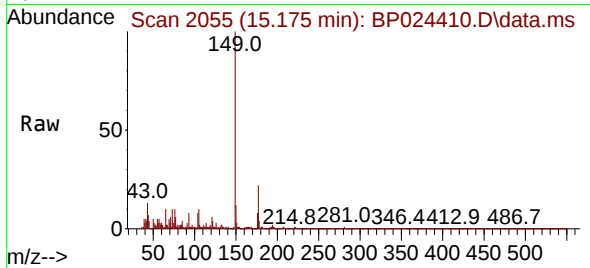




#60
Diethylphthalate
Concen: 2.925 ng
RT: 15.175 min Scan# 2060
Delta R.T. -0.018 min
Lab File: BP024410.D
Acq: 24 Apr 2025 16:35

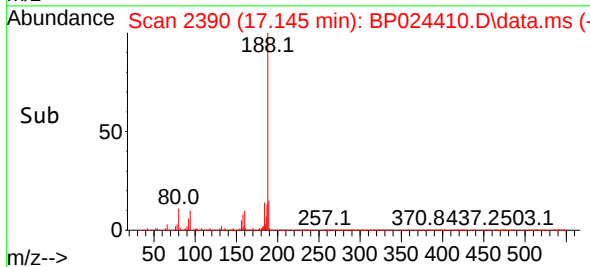
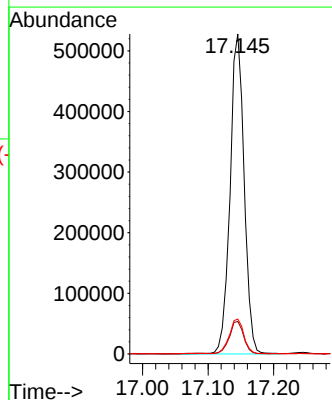
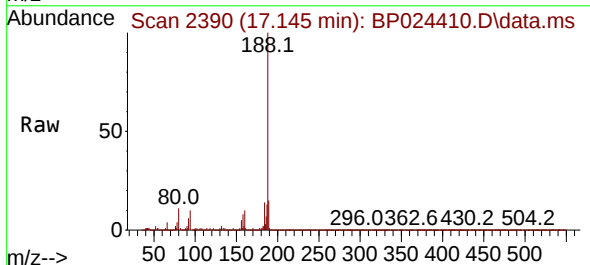
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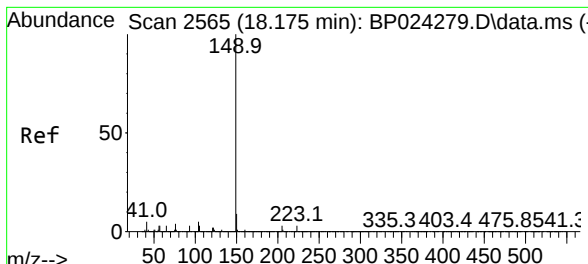
Tgt Ion:149 Resp: 76806
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 11.9 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024410.D
Acq: 24 Apr 2025 16:35

Tgt Ion:188 Resp: 787249
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 10.9 9.8 14.6



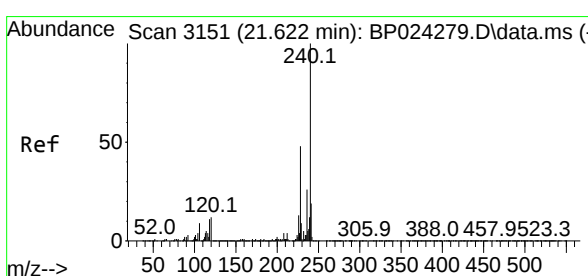
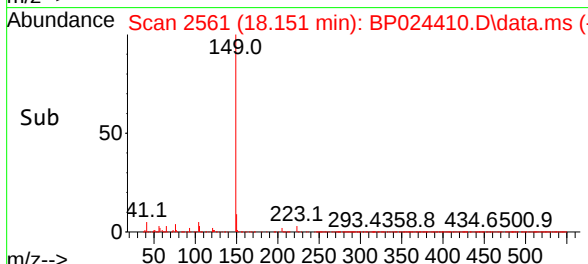
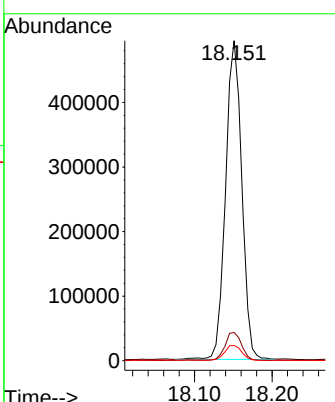
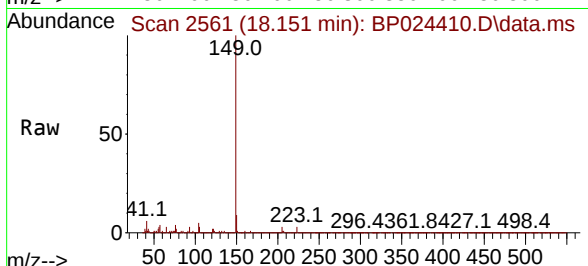


#74
 Di-n-butylphthalate
 Concen: 14.257 ng
 RT: 18.151 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024410.D
 Acq: 24 Apr 2025 16:35

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-354

Tgt Ion:149 Resp: 718362

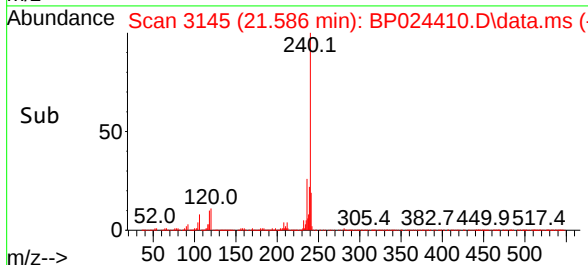
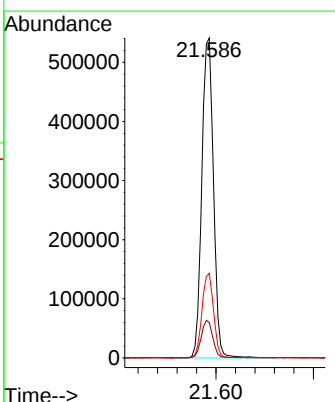
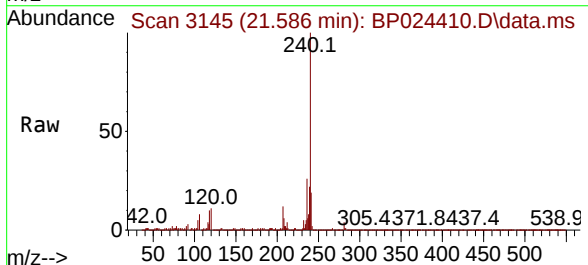
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	4.7	3.9	5.9

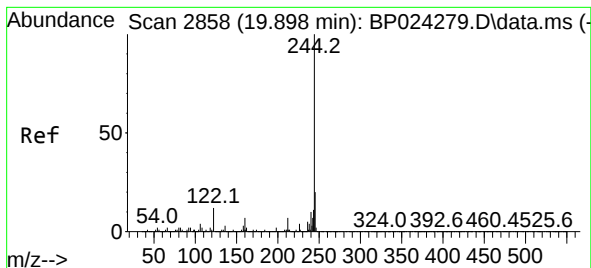


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.586 min Scan# 3145
 Delta R.T. -0.006 min
 Lab File: BP024410.D
 Acq: 24 Apr 2025 16:35

Tgt Ion:240 Resp: 893640

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.8	14.8
236	26.4	20.9	31.3





#79

Terphenyl-d14

Concen: 90.409 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024410.D

Acq: 24 Apr 2025 16:35

Instrument :

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ClientSampleId :

ETGI-354

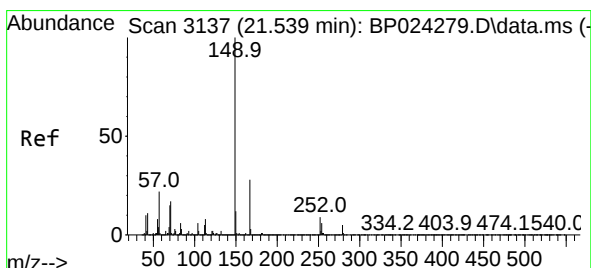
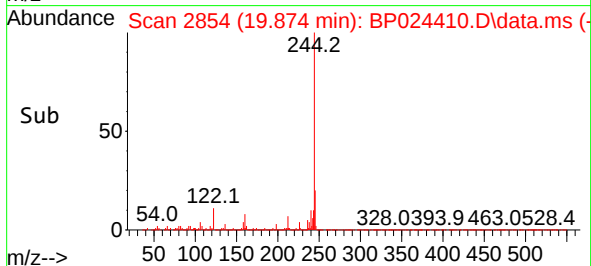
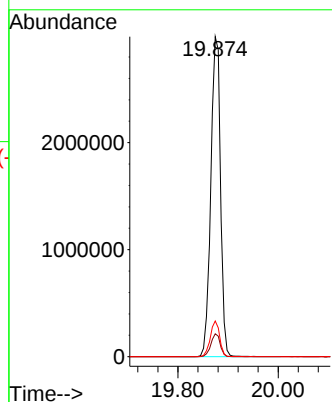
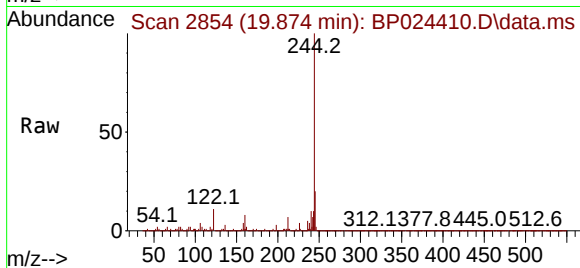
Tgt Ion:244 Resp: 4008296

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.2 9.4 14.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.192 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP024410.D

Acq: 24 Apr 2025 16:35

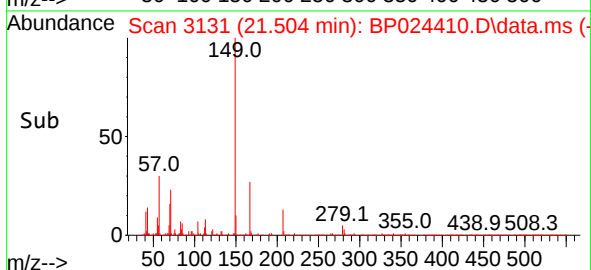
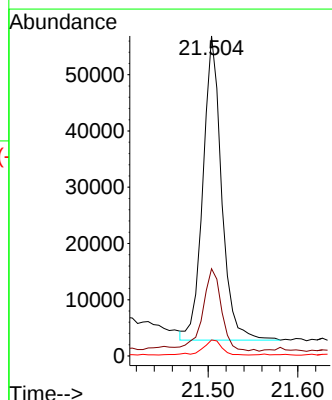
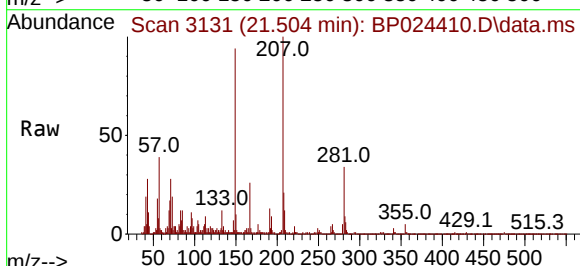
Tgt Ion:149 Resp: 78159

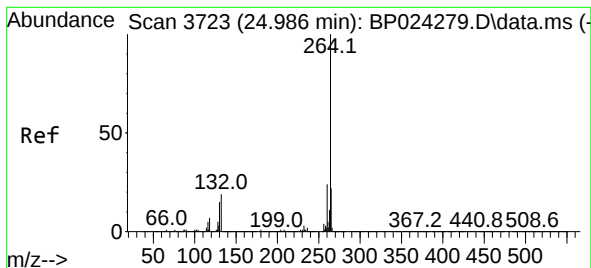
Ion Ratio Lower Upper

149 100

167 27.2 22.4 33.6

279 5.0 4.0 6.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024410.D

Acq: 24 Apr 2025 16:35

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 184874

Ion Ratio Lower Upper

264 100

260 36.3 18.9 28.3#

265 23.7 17.8 26.6

