

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
 Data File : BP019664.D
 Acq On : 12 Feb 2024 15:54
 Operator : MA/JU
 Sample : P1413-05DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-358DL

Quant Time: Feb 12 16:24:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

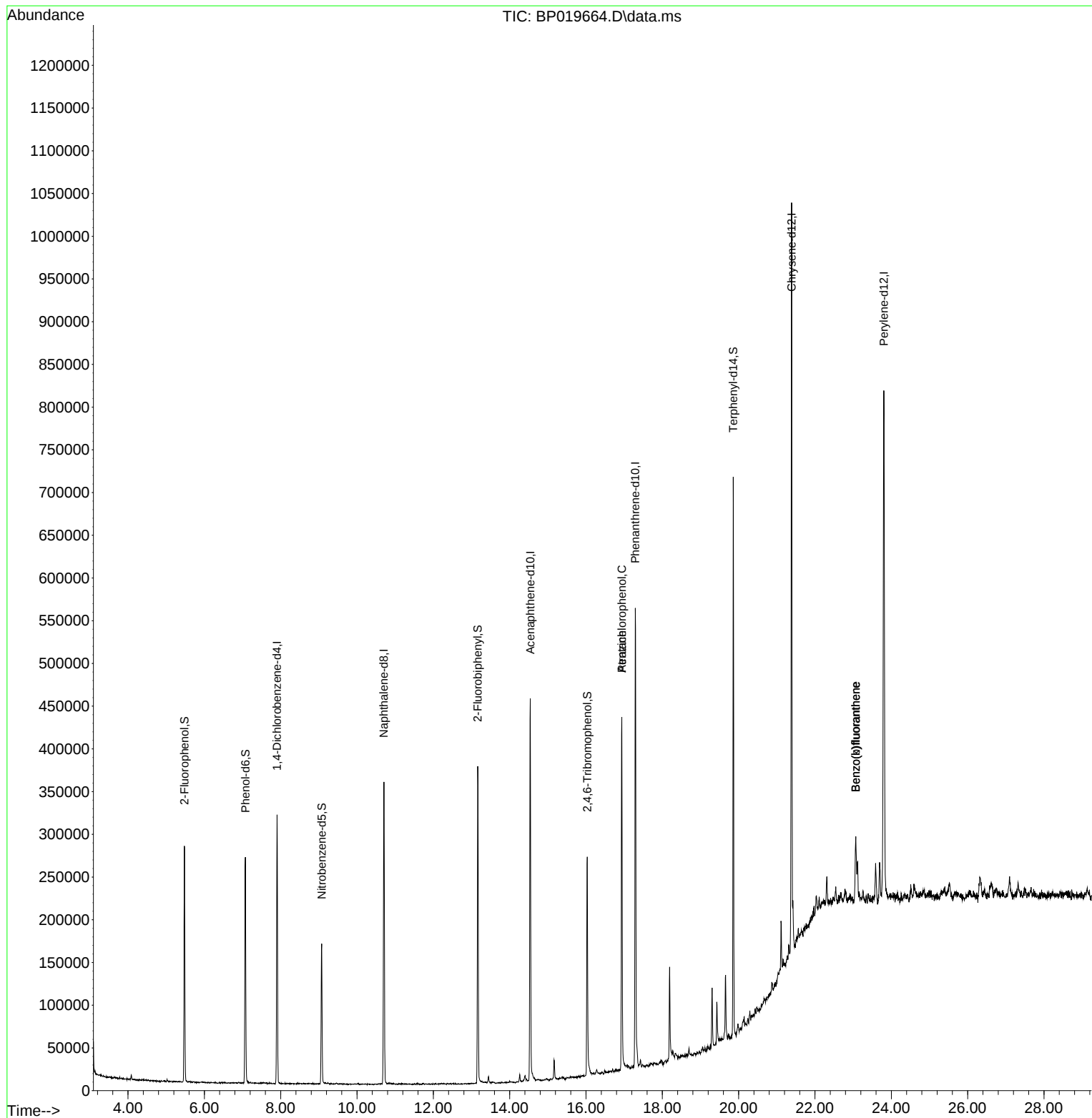
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	83013	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	290498	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	163978	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	362596	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	429684	20.000	ng	0.00
86) Perylene-d12	23.804	264	519753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	116454	22.613	ng	0.00
7) Phenol-d6	7.075	99	145885	21.009	ng	-0.01
23) Nitrobenzene-d5	9.075	82	98804	14.738	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	59129	24.697	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	199523	15.042	ng	-0.02
79) Terphenyl-d14	19.857	244	328996	12.592	ng	-0.01
Target Compounds						
					Qvalue	
69) Atrazine	16.939	200	16281	4.518	ng	# 39
70) Pentachlorophenol	16.939	266	84270	25.564	ng	94
88) Benzo(b)fluoranthene	23.068	252	68846	2.102	ng	# 95
89) Benzo(k)fluoranthene	23.068	252	68846	2.200	ng	# 95

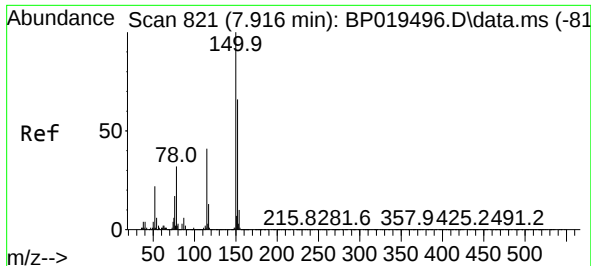
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

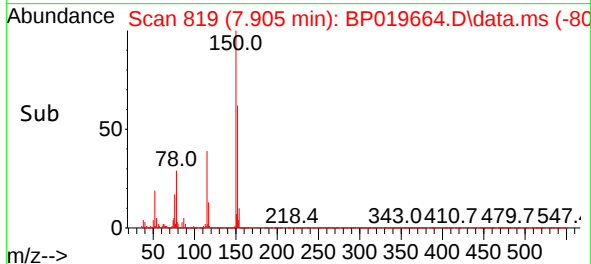
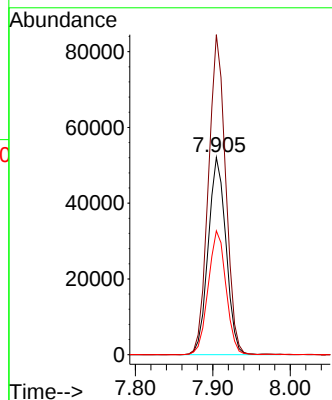
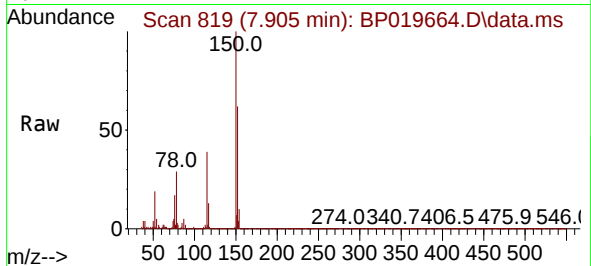




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019664.D
Acq: 12 Feb 2024 15:54

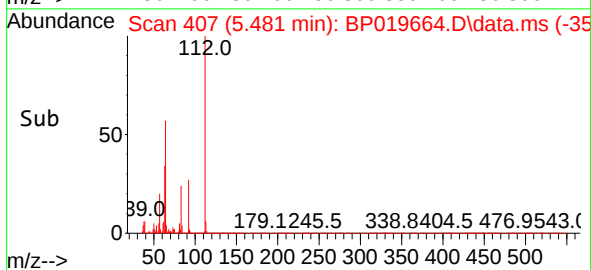
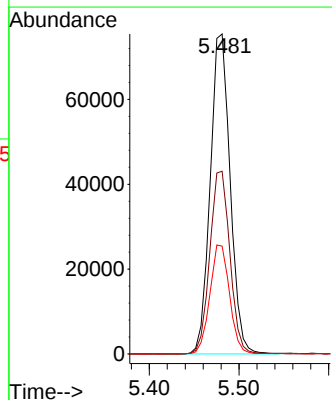
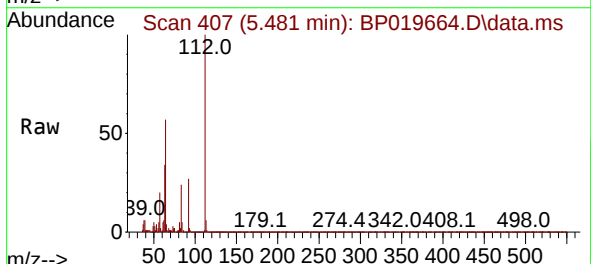
Instrument :
BNA_P
ClientSampleId :
ETGI-358DL

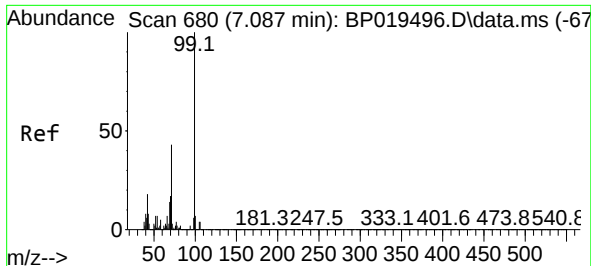
Tgt Ion:152 Resp: 83013
Ion Ratio Lower Upper
152 100
150 162.2 121.8 182.8
115 62.7 49.9 74.9



#5
2-Fluorophenol
Concen: 22.613 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019664.D
Acq: 12 Feb 2024 15:54

Tgt Ion:112 Resp: 116454
Ion Ratio Lower Upper
112 100
64 57.1 47.4 71.0
63 33.7 27.0 40.6

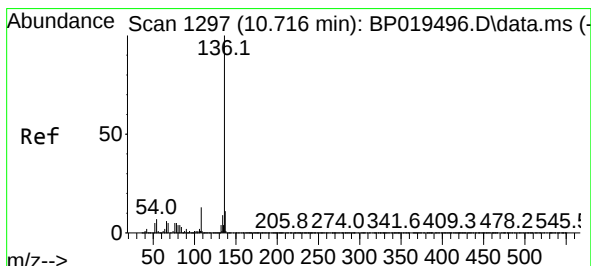
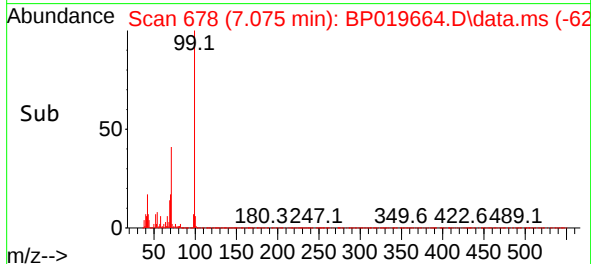
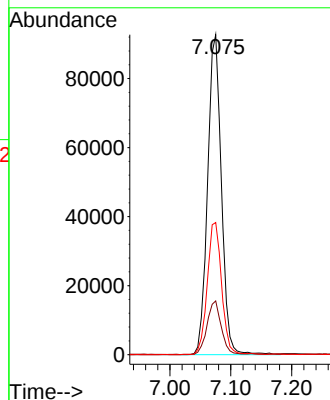
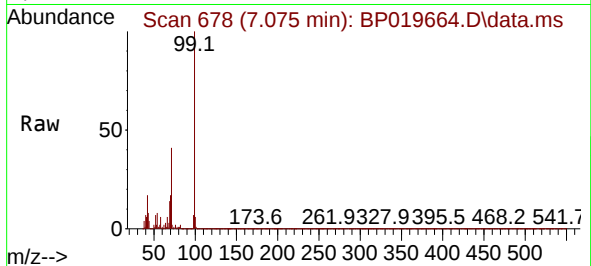




#7
Phenol-d6
Concen: 21.009 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019664.D
Acq: 12 Feb 2024 15:54

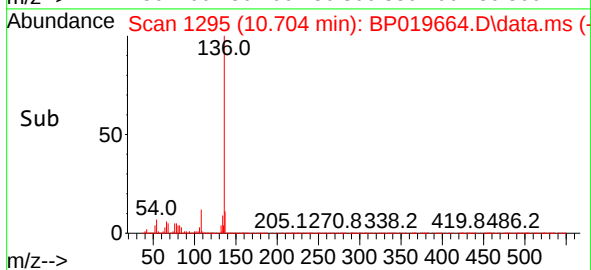
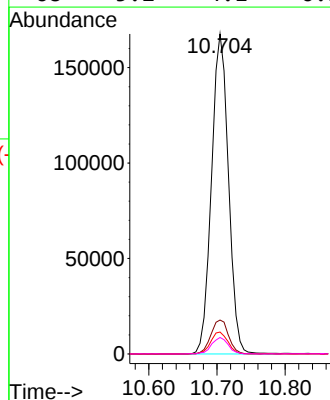
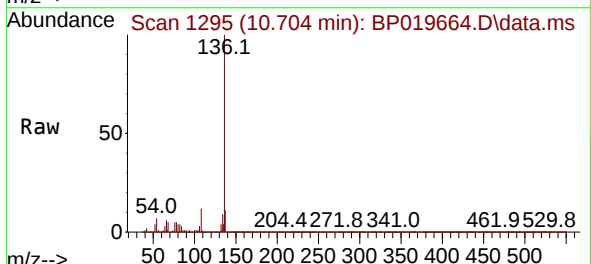
Instrument :
BNA_P
ClientSampleId :
ETGI-358DL

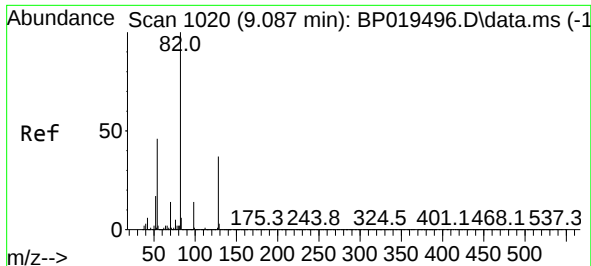
Tgt Ion: 99 Resp: 145885
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 41.3 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019664.D
Acq: 12 Feb 2024 15:54

Tgt Ion: 136 Resp: 290498
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.9 5.3 7.9
68 5.2 4.1 6.1

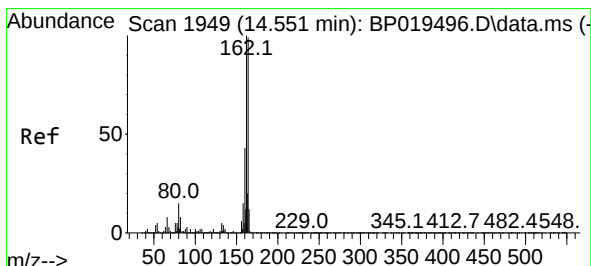
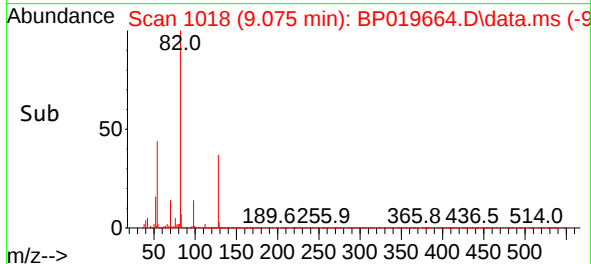
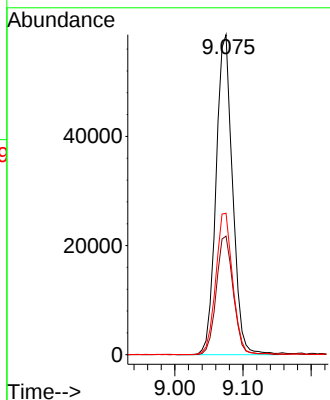
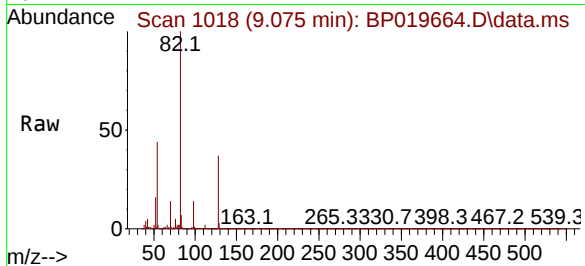




#23
Nitrobenzene-d5
Concen: 14.738 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019664.D
Acq: 12 Feb 2024 15:54

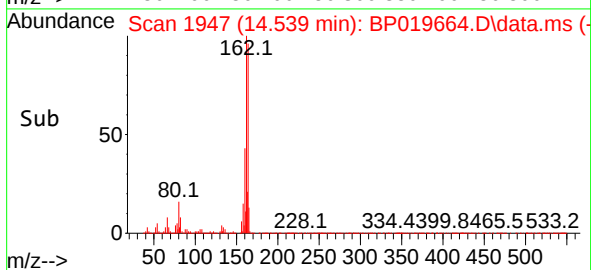
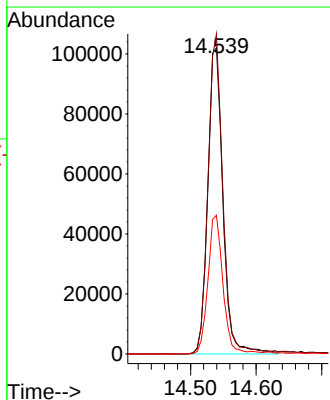
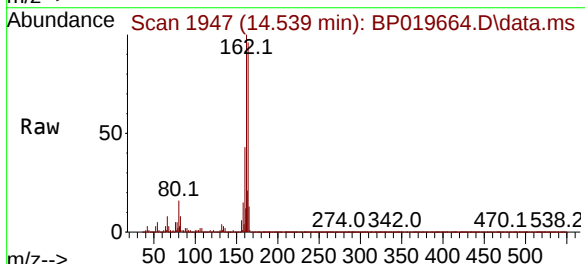
Instrument :
BNA_P
ClientSampleId :
ETGI-358DL

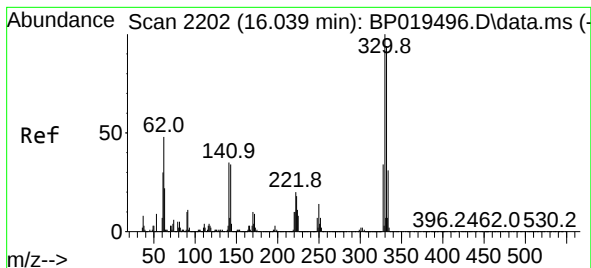
Tgt Ion: 82 Resp: 98804
Ion Ratio Lower Upper
82 100
128 37.1 29.7 44.5
54 44.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019664.D
Acq: 12 Feb 2024 15:54

Tgt Ion:164 Resp: 163978
Ion Ratio Lower Upper
164 100
162 104.5 81.2 121.8
160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 24.697 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019664.D

Acq: 12 Feb 2024 15:54

Instrument :

BNA_P

ClientSampleId :

ETGI-358DL

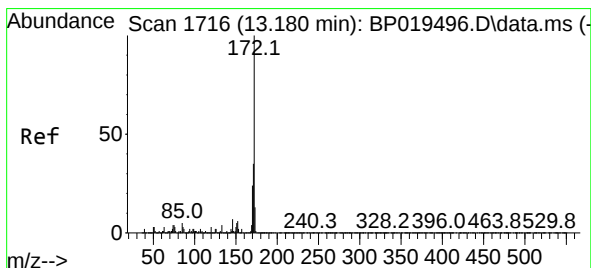
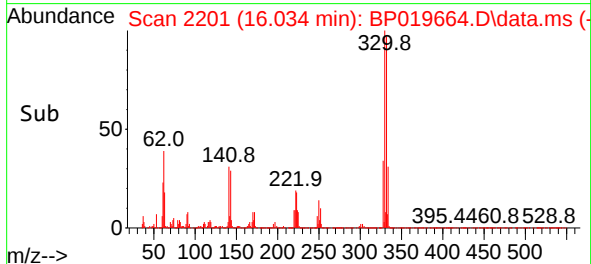
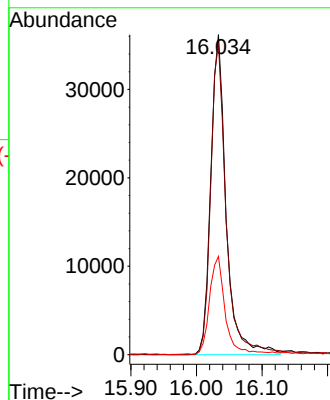
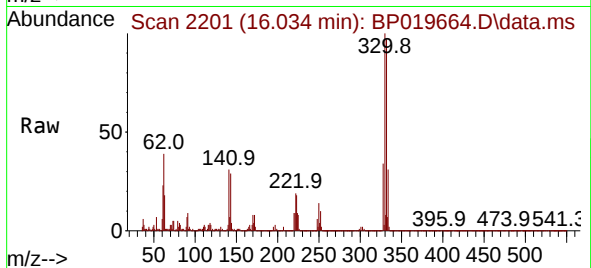
Tgt Ion:330 Resp: 59129

Ion Ratio Lower Upper

330 100

332 98.4 77.2 115.8

141 31.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 15.042 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019664.D

Acq: 12 Feb 2024 15:54

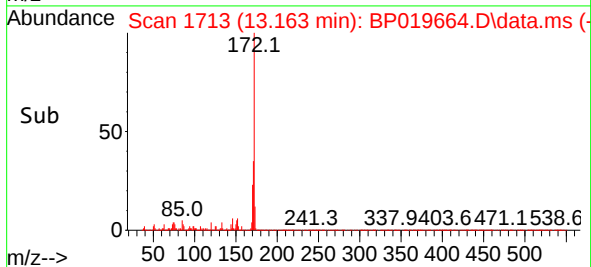
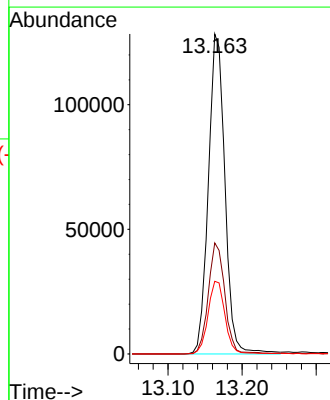
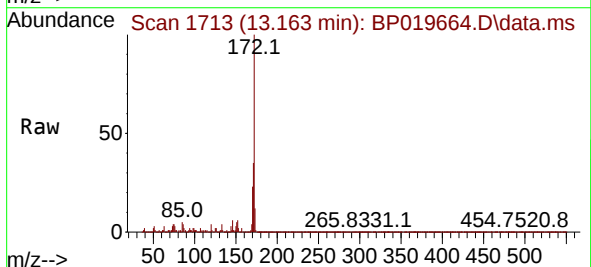
Tgt Ion:172 Resp: 199523

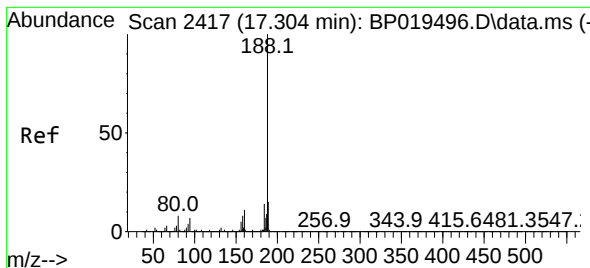
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019664.D

Acq: 12 Feb 2024 15:54

Instrument :

BNA_P

ClientSampleId :

ETGI-358DL

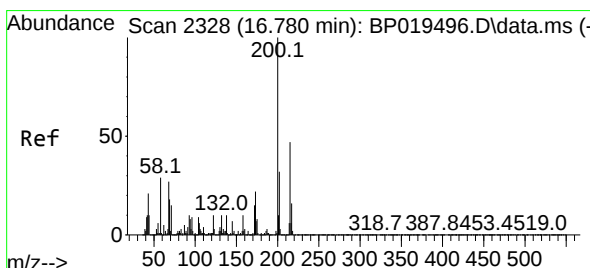
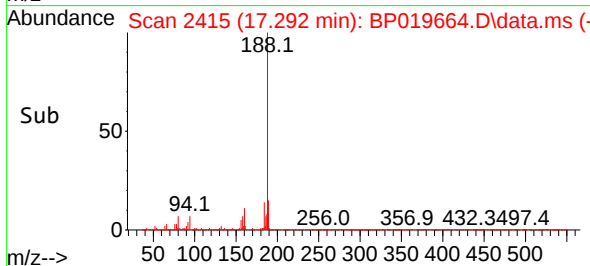
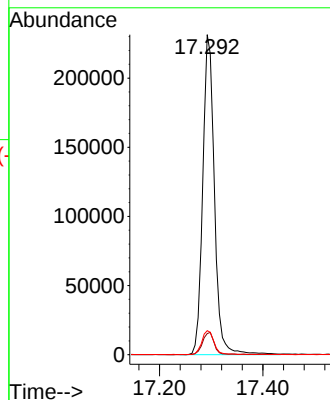
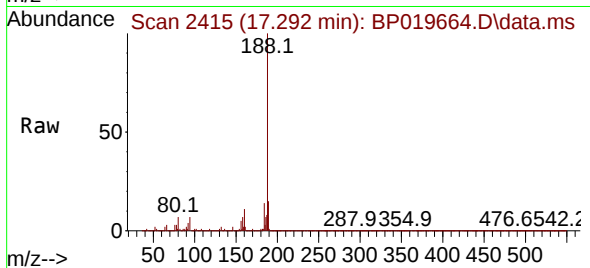
Tgt Ion:188 Resp: 362596

Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 7.5 6.3 9.5



#69

Atrazine

Concen: 4.518 ng

RT: 16.939 min Scan# 2355

Delta R.T. 0.159 min

Lab File: BP019664.D

Acq: 12 Feb 2024 15:54

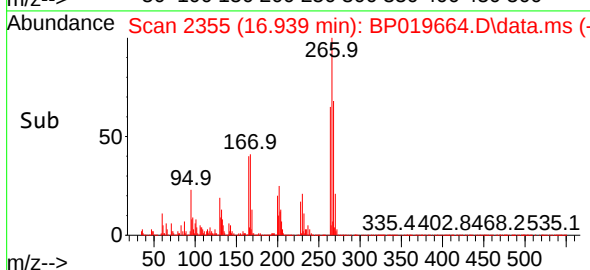
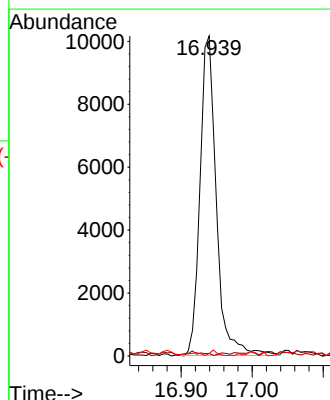
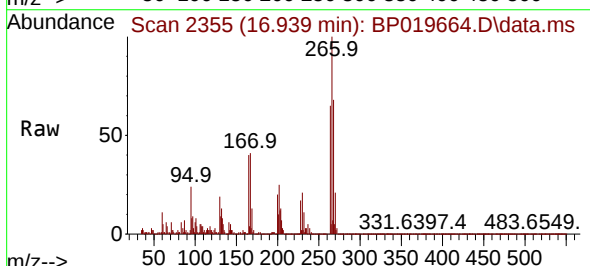
Tgt Ion:200 Resp: 16281

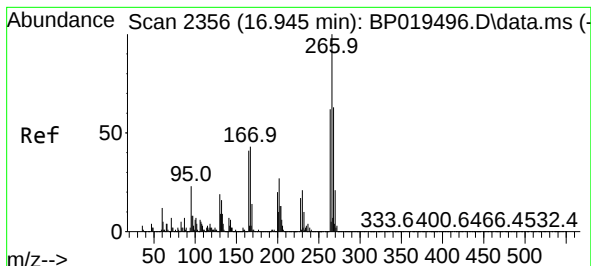
Ion Ratio Lower Upper

200 100

173 0.8 1.7 41.7#

215 0.7 26.9 66.9#





#70

Pentachlorophenol

Concen: 25.564 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019664.D

Acq: 12 Feb 2024 15:54

Instrument :

BNA_P

ClientSampleId :

ETGI-358DL

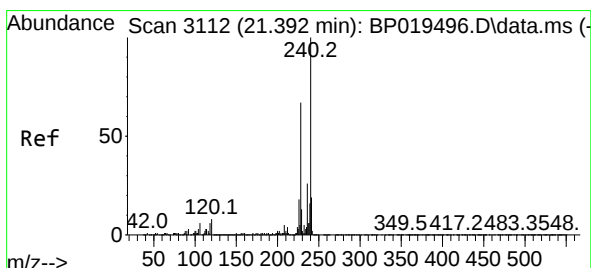
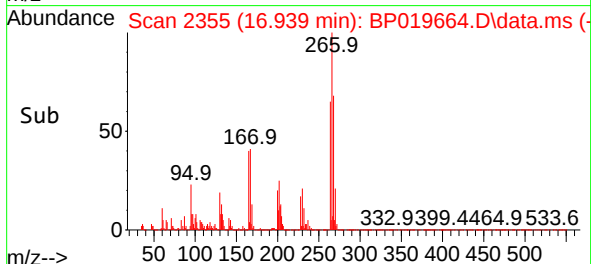
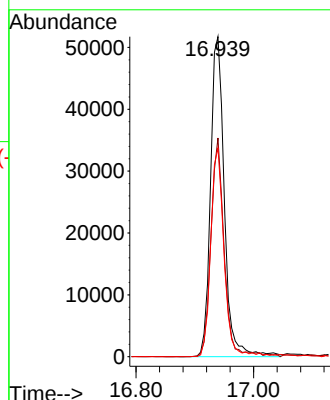
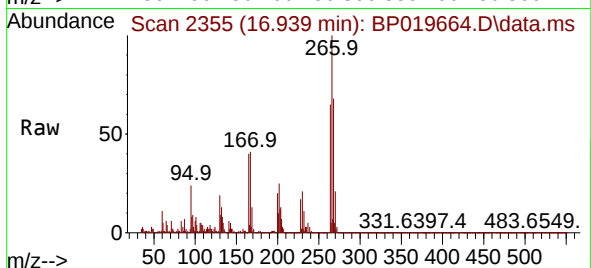
Tgt Ion:266 Resp: 84270

Ion Ratio Lower Upper

266 100

268 68.3 50.3 75.5

264 65.3 49.7 74.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019664.D

Acq: 12 Feb 2024 15:54

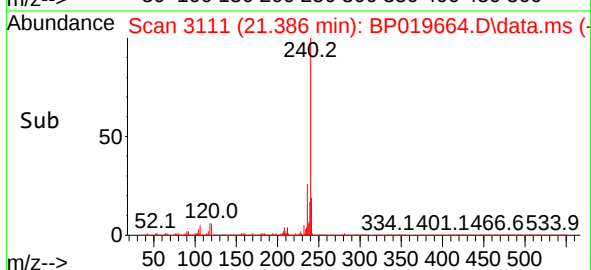
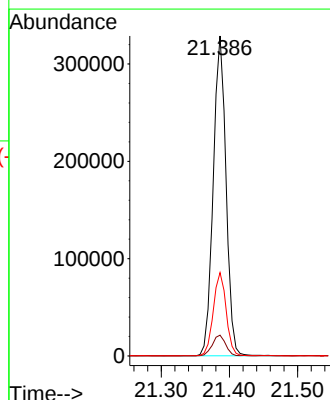
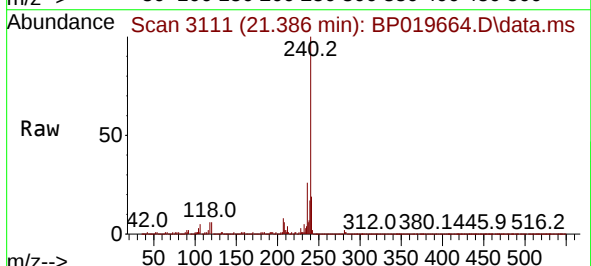
Tgt Ion:240 Resp: 429684

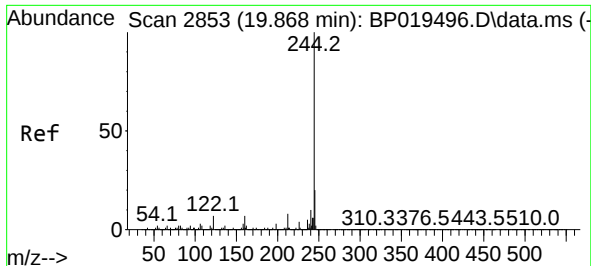
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 26.0 20.7 31.1

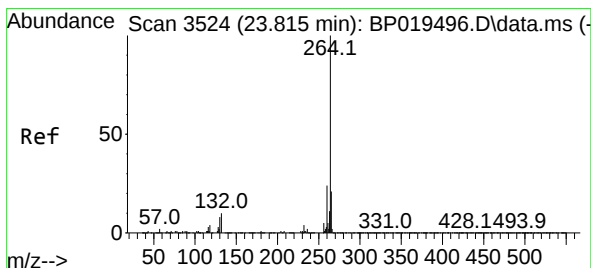
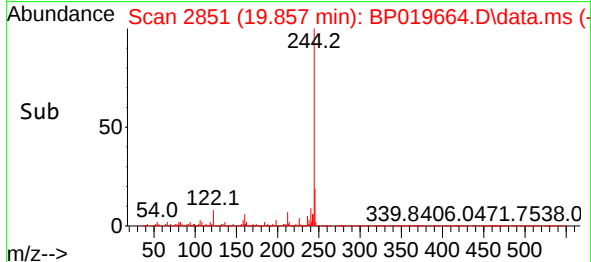
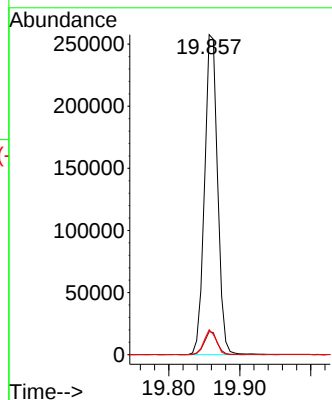
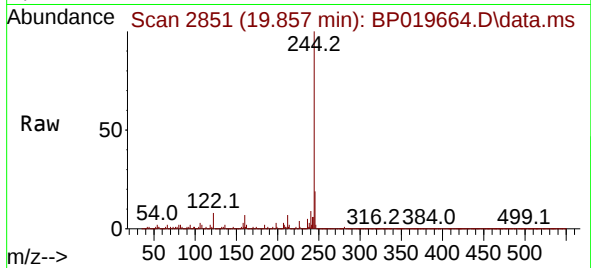




#79
 Terphenyl-d14
 Concen: 12.592 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019664.D
 Acq: 12 Feb 2024 15:54

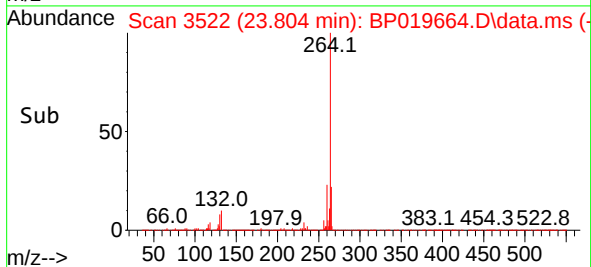
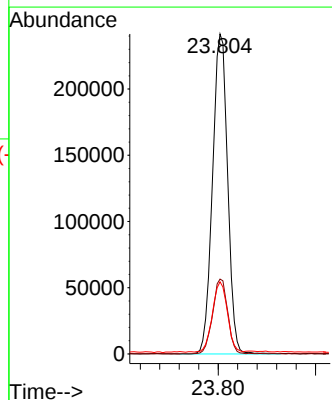
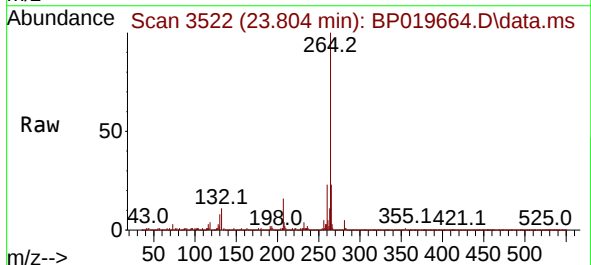
Instrument :
 BNA_P
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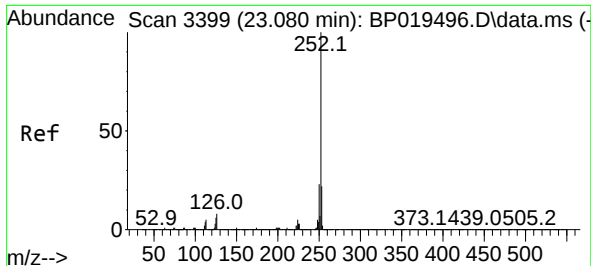
Tgt Ion:244 Resp: 328996
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 7.8 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.804 min Scan# 3522
 Delta R.T. -0.012 min
 Lab File: BP019664.D
 Acq: 12 Feb 2024 15:54

Tgt Ion:264 Resp: 519753
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.6 17.0 25.4

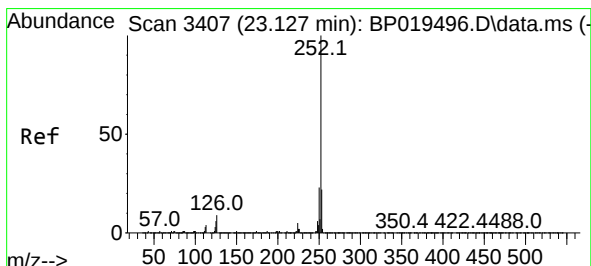
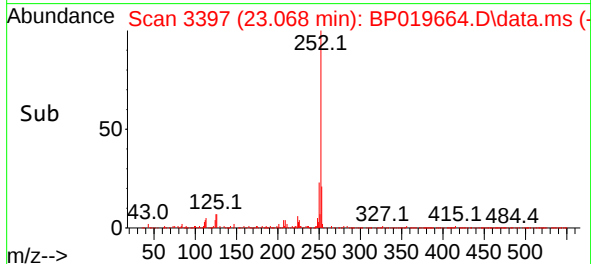
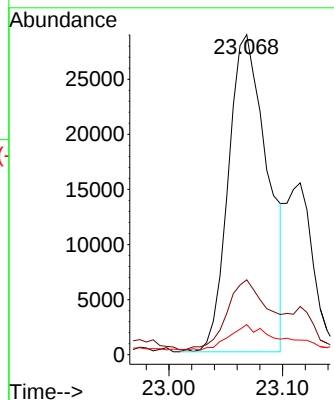
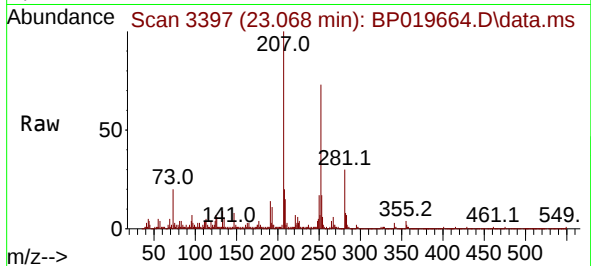




#88
Benzo(b)fluoranthene
Concen: 2.102 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.012 min
Lab File: BP019664.D
Acq: 12 Feb 2024 15:54

Instrument :
BNA_P
ClientSampleId :
ETGI-358DL

Tgt Ion:252 Resp: 68846
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 9.4 4.9 7.3#



#89
Benzo(k)fluoranthene
Concen: 2.200 ng
RT: 23.068 min Scan# 3397
Delta R.T. -0.059 min
Lab File: BP019664.D
Acq: 12 Feb 2024 15:54

Tgt Ion:252 Resp: 68846
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 9.4 5.0 7.6#

