

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010629.D
 Acq On : 29 May 2022 20:51
 Operator : CG/JU
 Sample : N3055-03DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-329

Quant Time: May 30 02:08:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

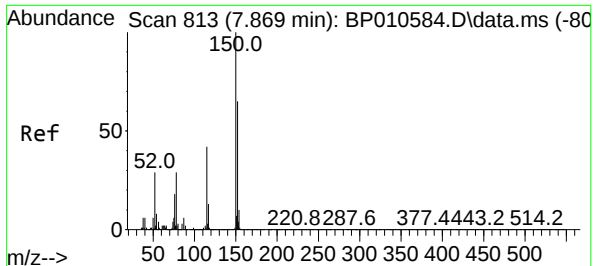
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	191089	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	773865	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	465293	20.000	ng	0.01
64) Phenanthrene-d10	17.298	188	834588	20.000	ng	# 0.04
76) Chrysene-d12	21.369	240	841366	20.000	ng	# 0.03
86) Perylene-d12	23.774	264	835229	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	2440	0.233	ng	0.02
7) Phenol-d6	7.058	99	19015	1.279	ng	0.02
23) Nitrobenzene-d5	9.034	82	38911	2.377	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	47855	9.086	ng	0.03
45) 2-Fluorobiphenyl	13.128	172	170949	5.214	ng	0.00
79) Terphenyl-d14	19.845	244	284314	6.347	ng	0.03
Target Compounds						
						Qvalue
32) Benzoic acid	9.999	122	99	7.335	ng	# 36
46) 1,1'-Biphenyl	13.340	154	71229	2.052	ng	88
48) 2-Nitroaniline	13.616	65	25607	2.708	ng	# 50
51) 2,6-Dinitrotoluene	14.134	165	70502	9.898	ng	# 29
53) 3-Nitroaniline	14.428	138	76766	11.005	ng	# 27
54) 2,4-Dinitrophenol	14.622	184	5349	7.762	ng	# 1
56) 4-Nitrophenol	14.745	139	15508	6.121	ng	# 1
57) 2,4-Dinitrotoluene	14.851	165	31373	3.384	ng	# 43
58) Fluorene	15.575	166	71946	2.163	ng	# 1
60) Diethylphthalate	15.316	149	222906	6.686	ng	# 43
62) 4-Nitroaniline	15.422	138	158374	22.516	ng	89
65) 4,6-Dinitro-2-methylph...	15.704	198	12976	6.816	ng	# 1
66) n-Nitrosodiphenylamine	15.804	169	186359	7.416	ng	# 67
69) Atrazine	16.757	200	103445	12.691	ng	# 1
71) Phenanthrene	17.334	178	150735	3.293	ng	# 1
74) Di-n-butylphthalate	18.251	149	144033	3.042	ng	# 28

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

Quant Time: May 30 02:08:03 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

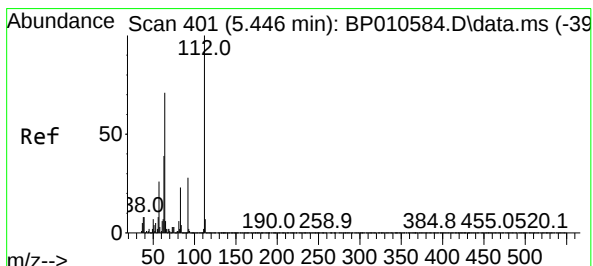
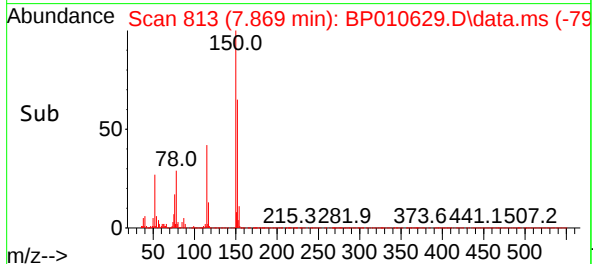
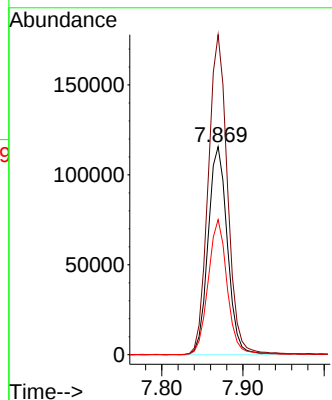
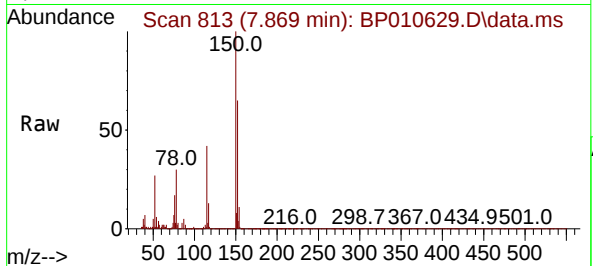




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.869 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: BP010629.D
 Acq: 29 May 2022 20:51

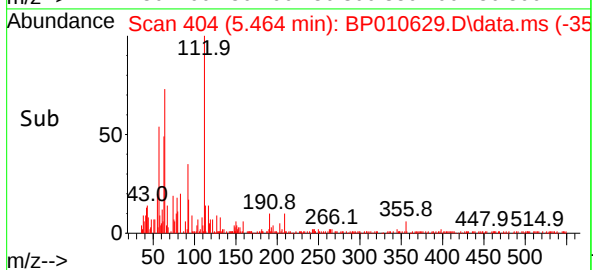
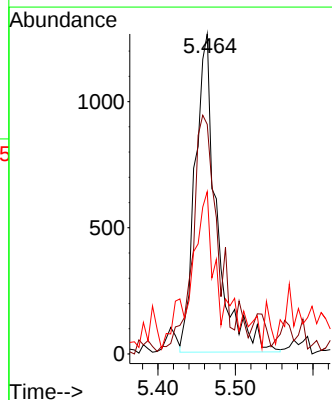
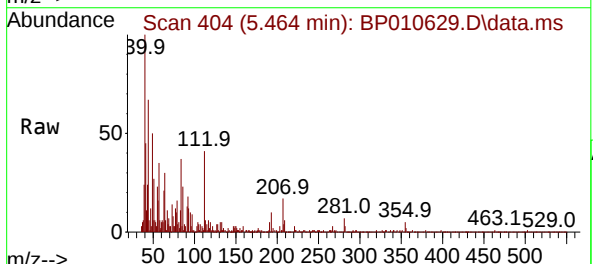
Instrument :
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 ClientSampleId :
 ETGI-329

Tgt Ion:152 Resp: 191089
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.4 185.2
 115 64.9 51.3 76.9



#5
 2-Fluorophenol
 Concen: 0.233 ng
 RT: 5.464 min Scan# 404
 Delta R.T. 0.018 min
 Lab File: BP010629.D
 Acq: 29 May 2022 20:51

Tgt Ion:112 Resp: 2440
 Ion Ratio Lower Upper
 112 100
 64 71.8 56.9 85.3
 63 50.7 31.2 46.8#

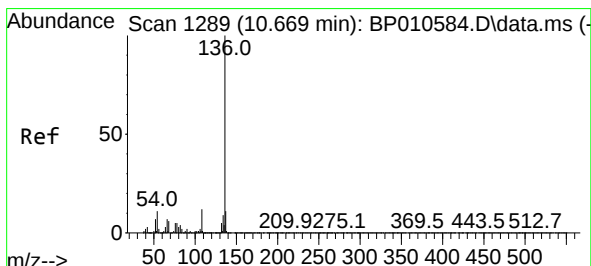
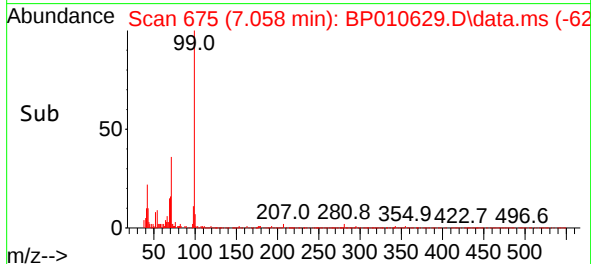
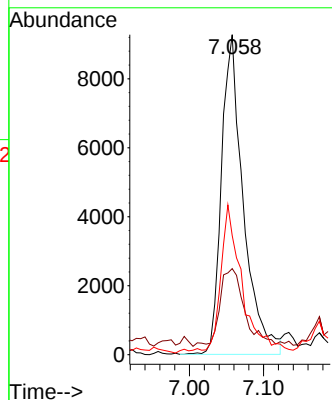
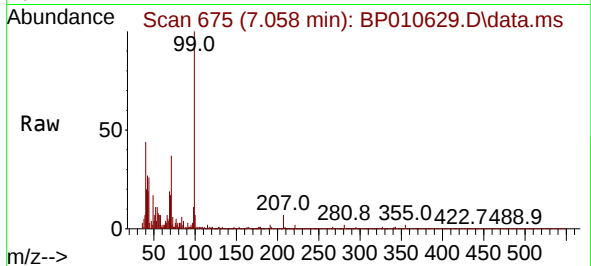




#7
Phenol-d6
Concen: 1.279 ng
RT: 7.058 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

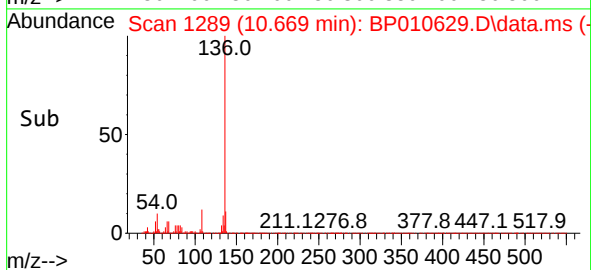
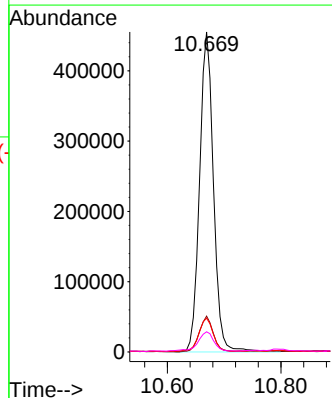
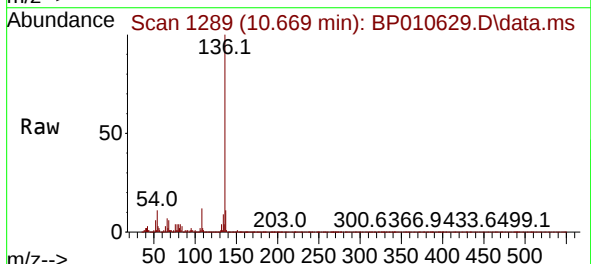
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ClientSampleId :
ETGI-329

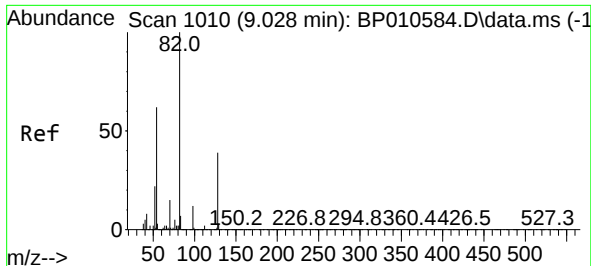
Tgt Ion: 99	Resp: 19015
Ion Ratio	Lower Upper
99 100	
42 26.9	20.3 30.5
71 37.3	33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion: 136	Resp: 773865
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 10.6	8.7 13.1
68 6.3	4.8 7.2

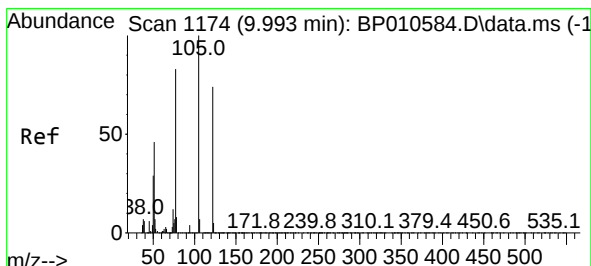
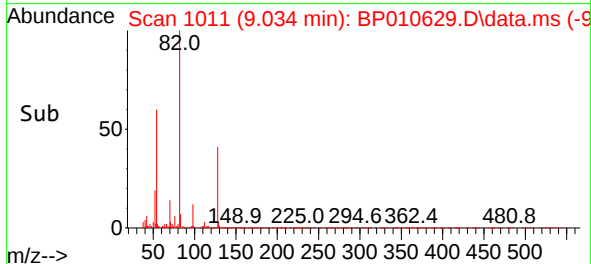
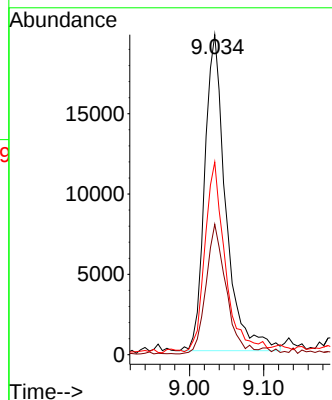
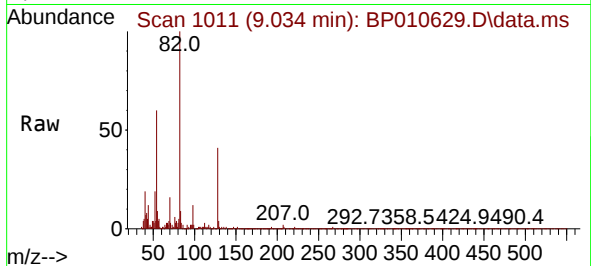




#23
Nitrobenzene-d5
Concen: 2.377 ng
RT: 9.034 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

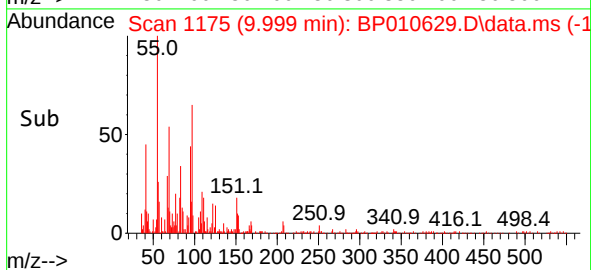
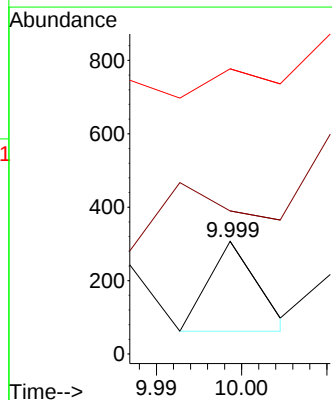
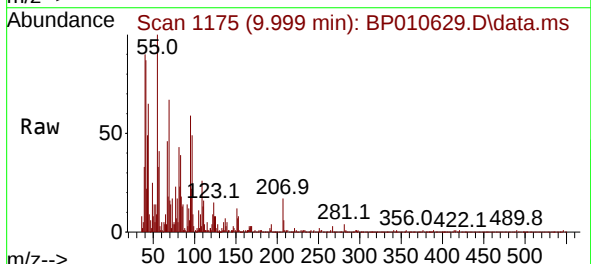
Instrument :
BNA_P
ClientSampleId :
ETGI-329

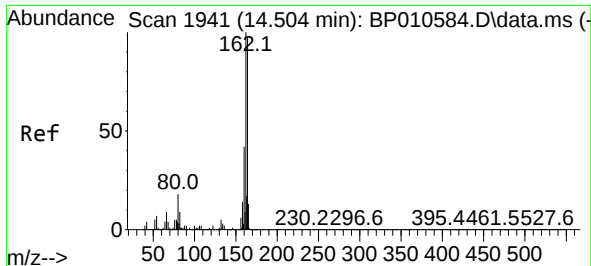
Tgt Ion: 82 Resp: 38911
Ion Ratio Lower Upper
82 100
128 40.8 31.3 46.9
54 60.2 49.8 74.8



#32
Benzoic acid
Concen: 7.335 ng
RT: 9.999 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion: 122 Resp: 99
Ion Ratio Lower Upper
122 100
105 127.0 112.6 152.6
77 253.1 90.2 130.2#

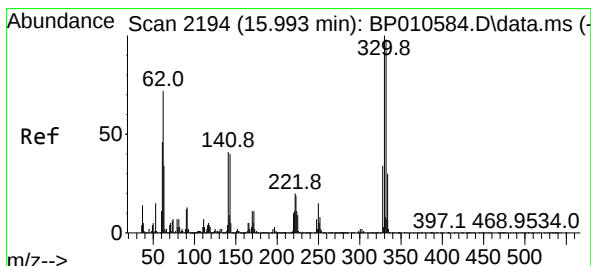
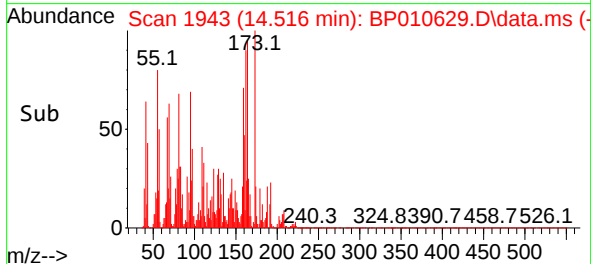
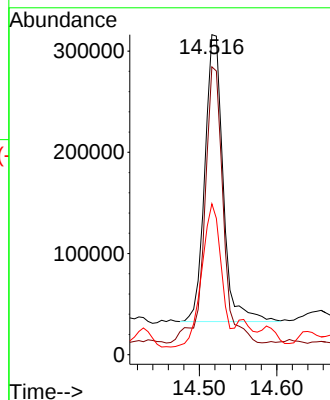
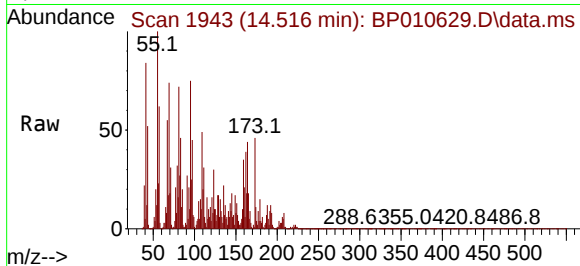




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

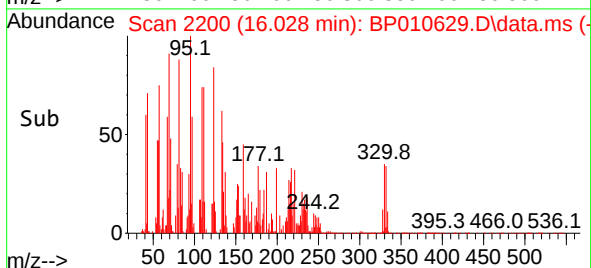
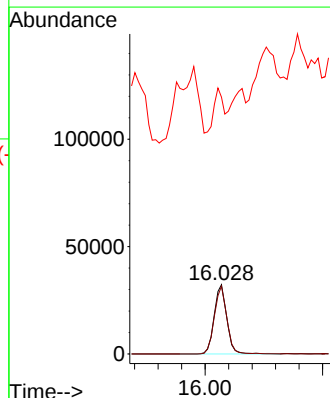
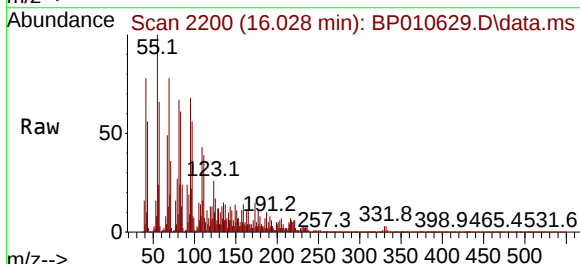
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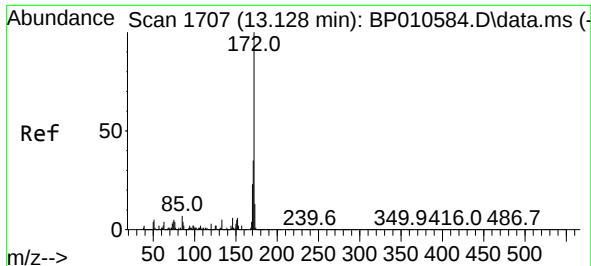
Tgt Ion:164 Resp: 465293
Ion Ratio Lower Upper
164 100
162 89.9 81.9 122.9
160 47.1 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 9.086 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.035 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:330 Resp: 47855
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 44.2 31.4 47.2

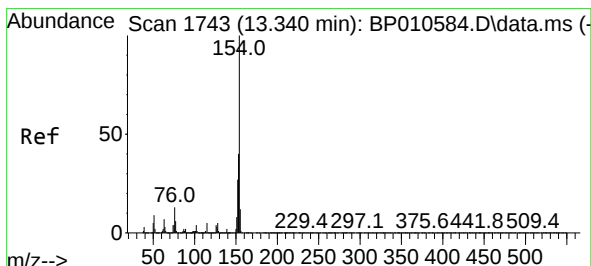
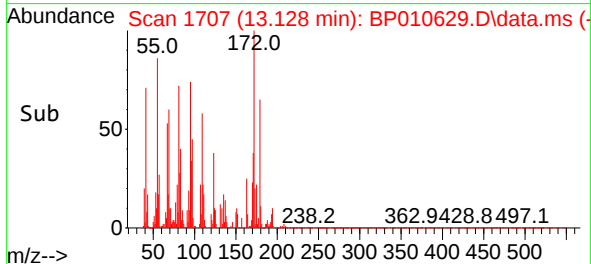
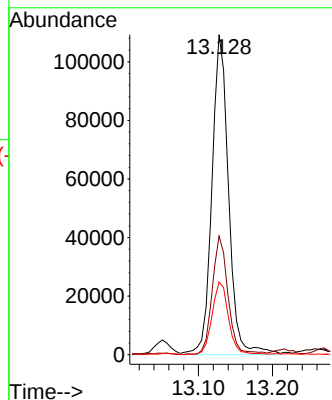
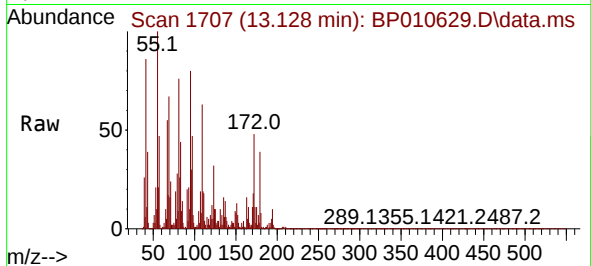




#45
2-Fluorobiphenyl
Concen: 5.214 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

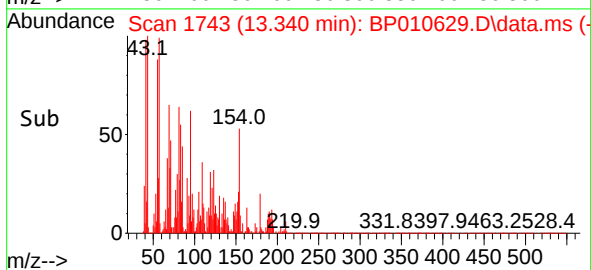
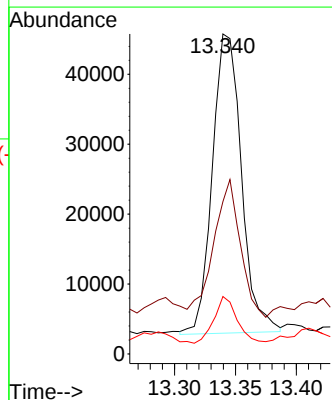
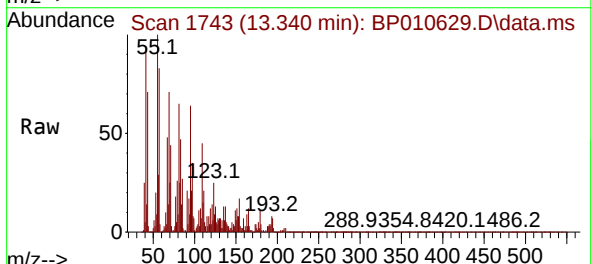
Instrument :
BNA_P
ClientSampleId :
ETGI-329

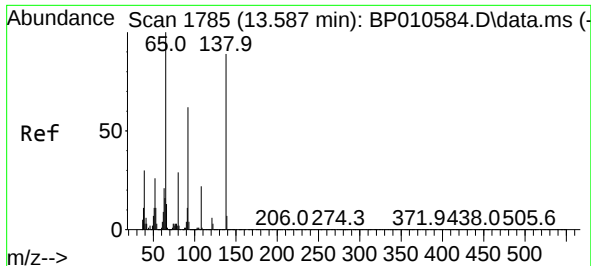
Tgt Ion:172 Resp: 170949
Ion Ratio Lower Upper
172 100
171 37.0 27.9 41.9
170 22.7 18.2 27.2



#46
1,1'-Biphenyl
Concen: 2.052 ng
RT: 13.340 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:154 Resp: 71229
Ion Ratio Lower Upper
154 100
153 47.6 20.1 60.1
76 18.0 0.0 33.2

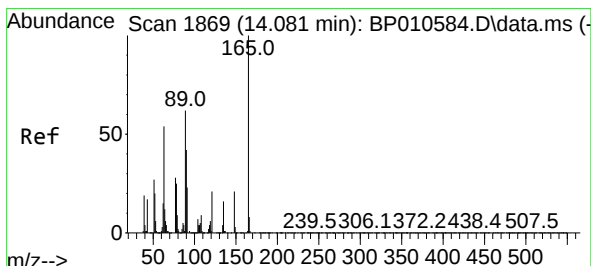
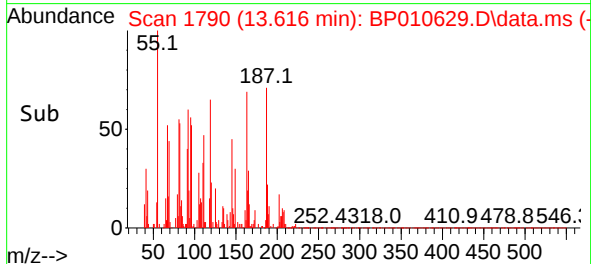
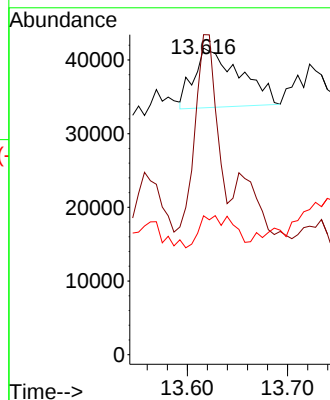
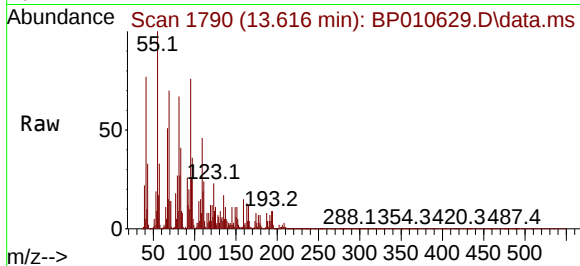




#48
2-Nitroaniline
Concen: 2.708 ng
RT: 13.616 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

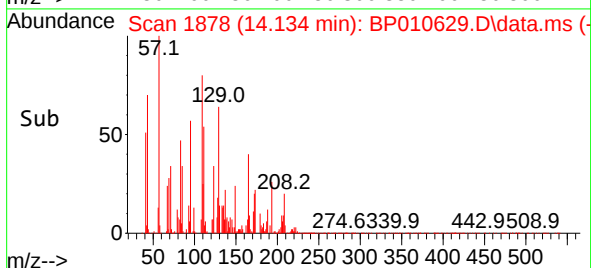
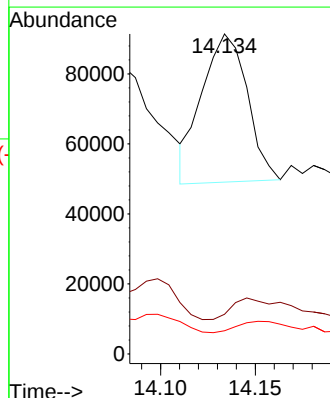
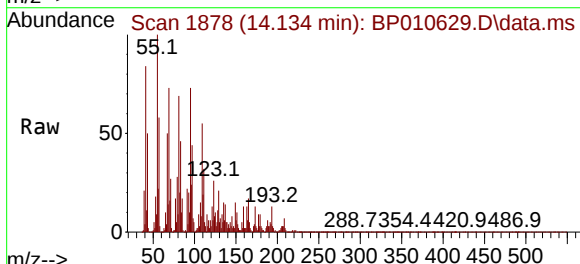
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ETGI-329

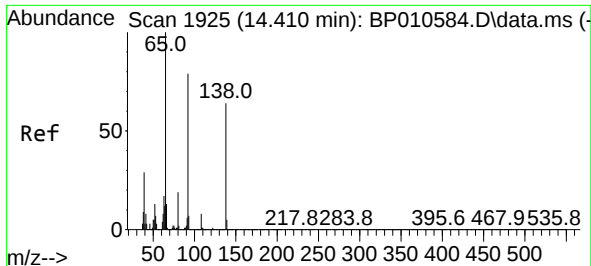
Tgt Ion: 65 Resp: 25607
Ion Ratio Lower Upper
65 100
92 104.4 50.0 75.0#
138 45.3 71.2 106.8#



#51
2,6-Dinitrotoluene
Concen: 9.898 ng
RT: 14.134 min Scan# 1878
Delta R.T. 0.053 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion: 165 Resp: 70502
Ion Ratio Lower Upper
165 100
63 12.4 57.3 85.9#
89 7.2 50.2 75.2#

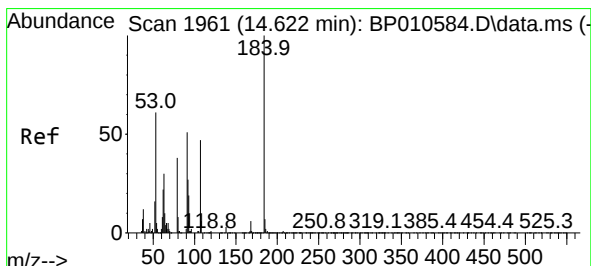
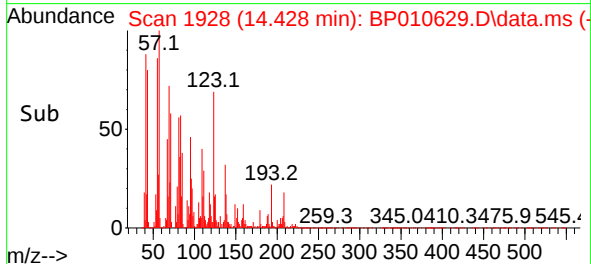
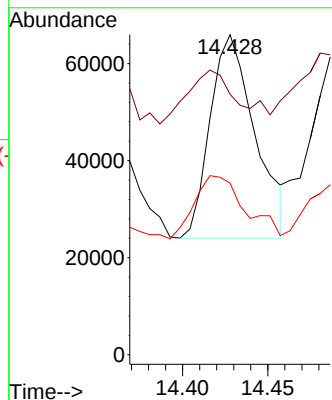
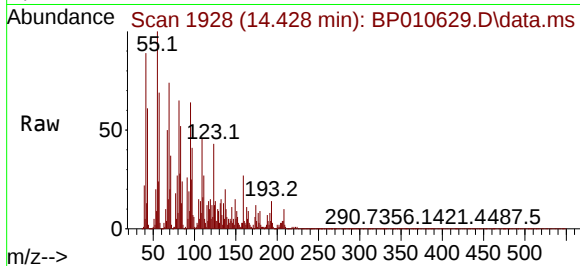




#53
3-Nitroaniline
Concen: 11.005 ng
RT: 14.428 min Scan# 1925
Delta R.T. 0.018 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

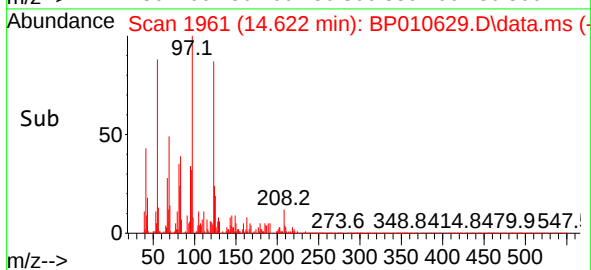
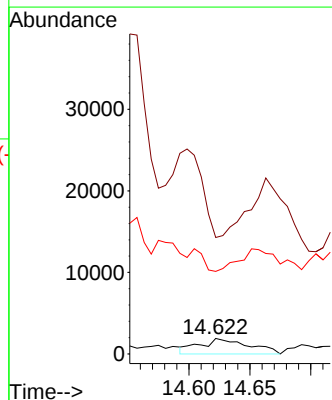
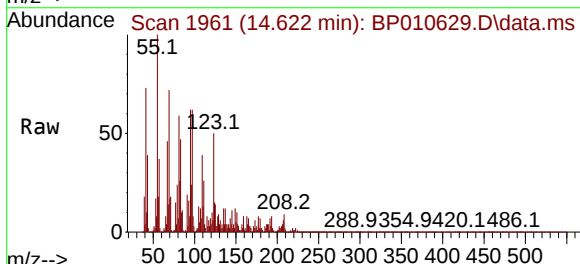
Instrument :
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ClientSampleId :
ETGI-329

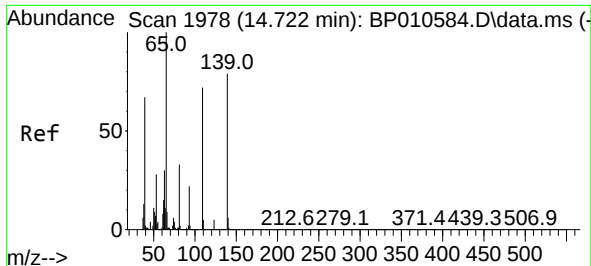
Tgt Ion:138 Resp: 76766
Ion Ratio Lower Upper
138 100
108 81.3 9.5 14.3#
92 53.6 99.9 149.9#



#54
2,4-Dinitrophenol
Concen: 7.762 ng
RT: 14.622 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:184 Resp: 5349
Ion Ratio Lower Upper
184 100
63 749.9 65.4 98.2#
154 531.6 55.4 83.2#

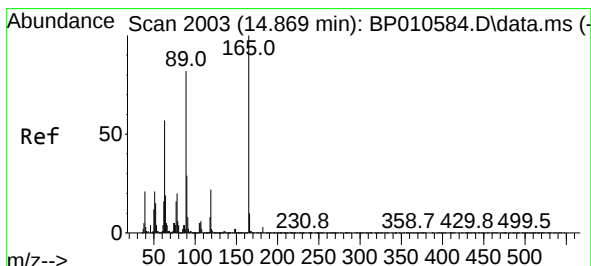
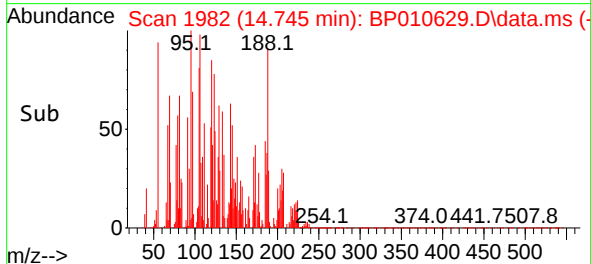
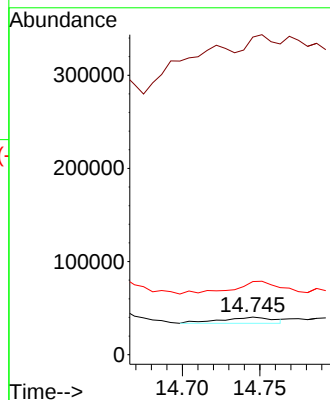
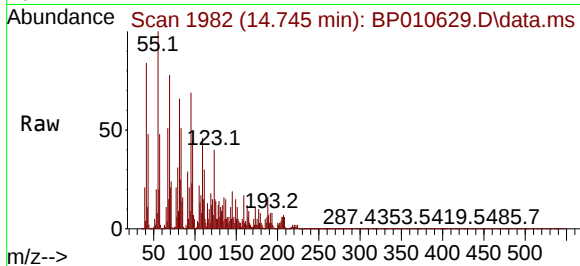




#56
4-Nitrophenol
Concen: 6.121 ng
RT: 14.745 min Scan# 1978
Delta R.T. 0.023 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

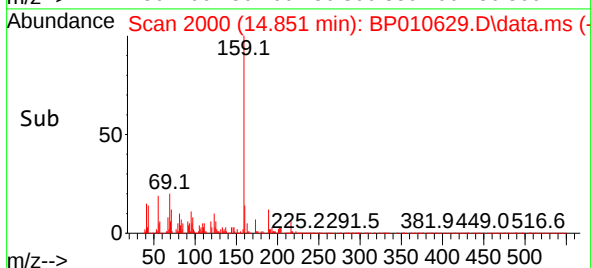
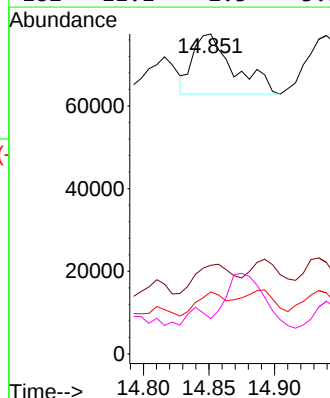
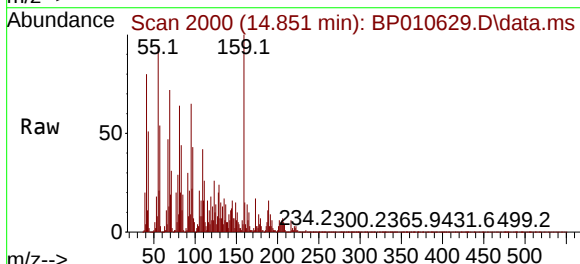
Instrument :
BNA_P
ClientSampleId :
ETGI-329

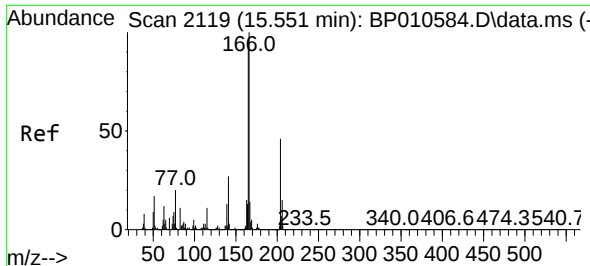
Tgt Ion:139 Resp: 15508
Ion Ratio Lower Upper
139 100
109 844.0 70.6 110.6#
65 194.5 106.6 146.6#



#57
2,4-Dinitrotoluene
Concen: 3.384 ng
RT: 14.851 min Scan# 2000
Delta R.T. -0.018 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:165 Resp: 31373
Ion Ratio Lower Upper
165 100
63 27.7 46.2 69.2#
89 19.4 65.8 98.8#
182 11.1 2.3 3.5#

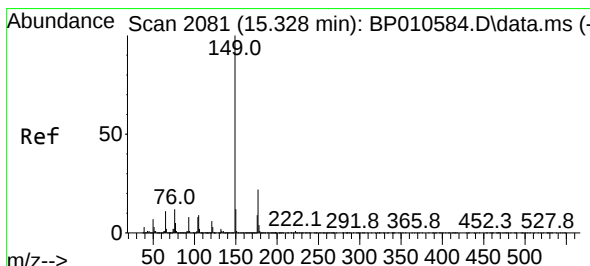
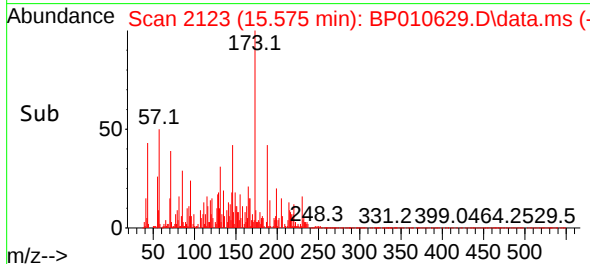
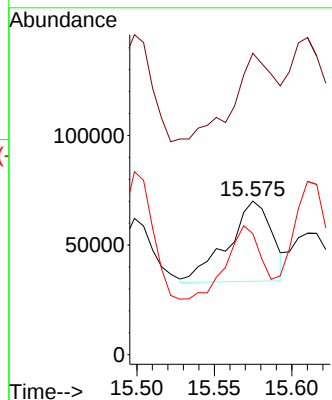
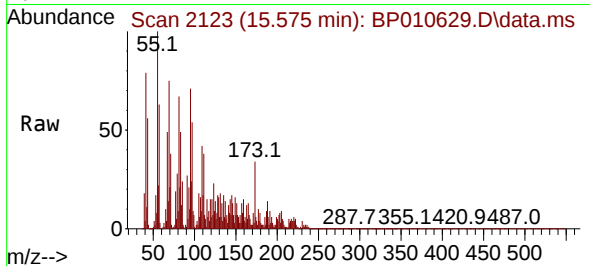




#58
Fluorene
Concen: 2.163 ng
RT: 15.575 min Scan# 2119
Delta R.T. 0.023 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

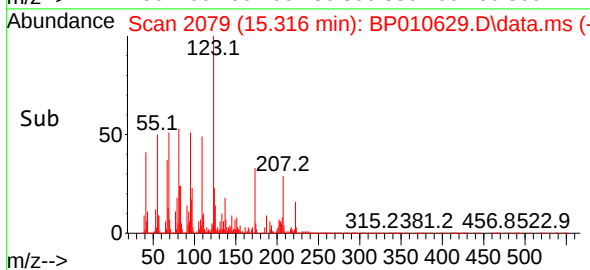
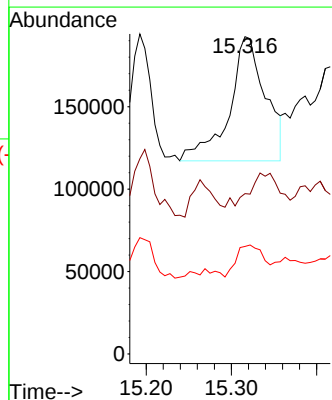
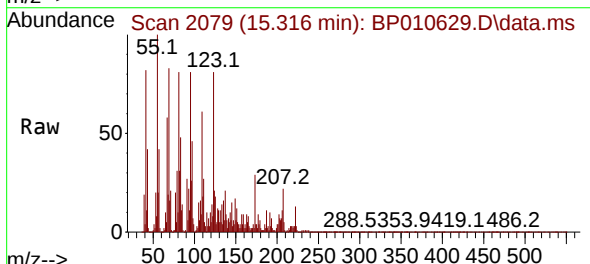
Instrument :
BNA_P
ClientSampleId :
ETGI-329

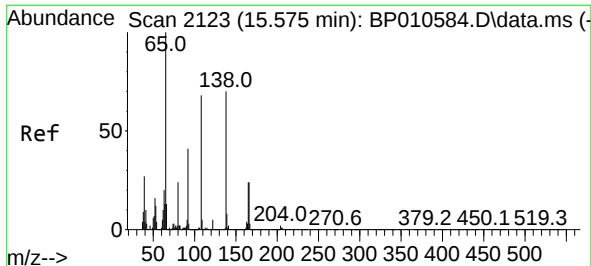
Tgt Ion:166 Resp: 71946
Ion Ratio Lower Upper
166 100
165 196.3 77.0 115.4#
167 78.8 10.9 16.3#



#60
Diethylphthalate
Concen: 6.686 ng
RT: 15.316 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:149 Resp: 222906
Ion Ratio Lower Upper
149 100
177 50.5 17.8 26.8#
150 33.9 9.9 14.9#

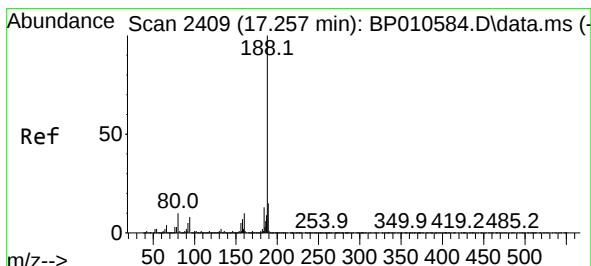
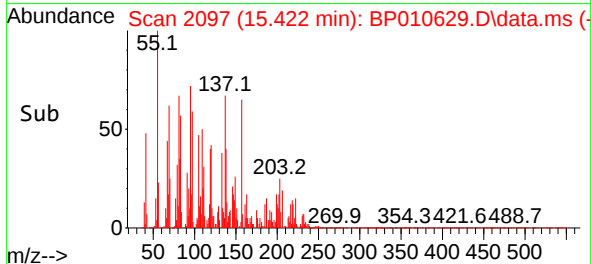
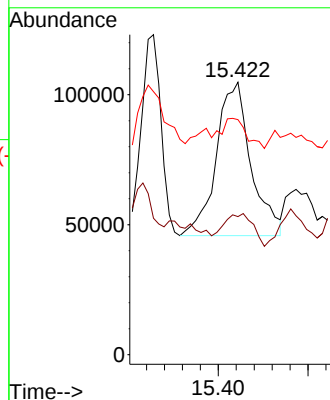
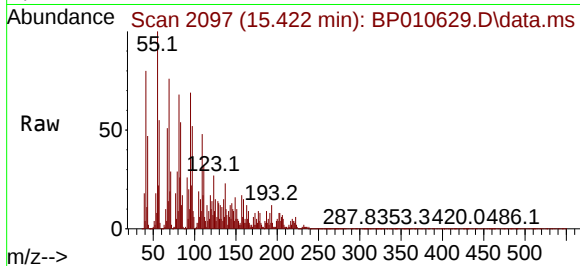




#62
4-Nitroaniline
Concen: 22.516 ng
RT: 15.422 min Scan# 2097
Delta R.T. -0.153 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

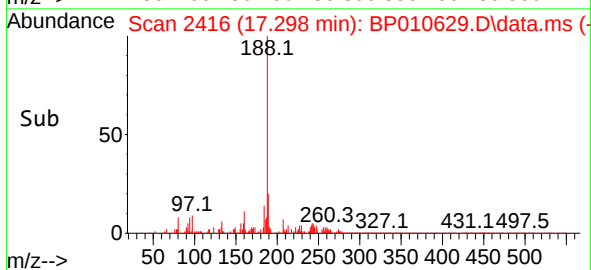
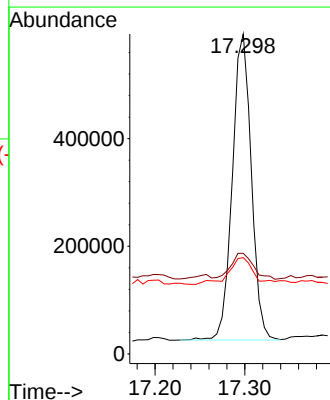
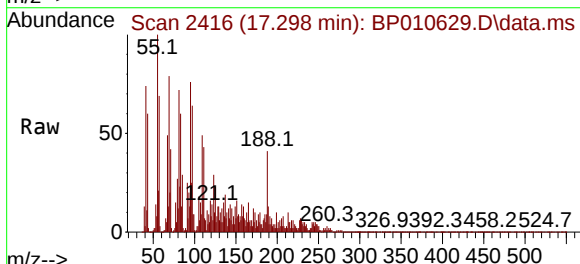
Instrument :
BNA_P
ClientSampleId :
ETGI-329

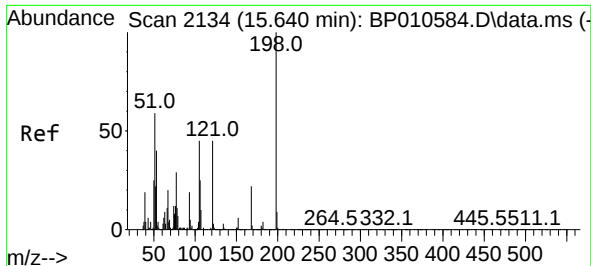
Tgt Ion:138 Resp: 158374
Ion Ratio Lower Upper
138 100
92 50.7 38.0 78.0
108 86.2 77.6 117.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.041 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:188 Resp: 834588
Ion Ratio Lower Upper
188 100
94 31.5 6.6 10.0#
80 30.1 8.0 12.0#

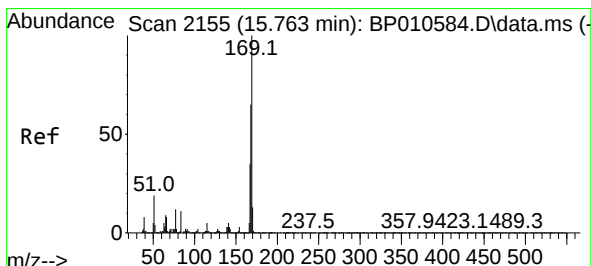
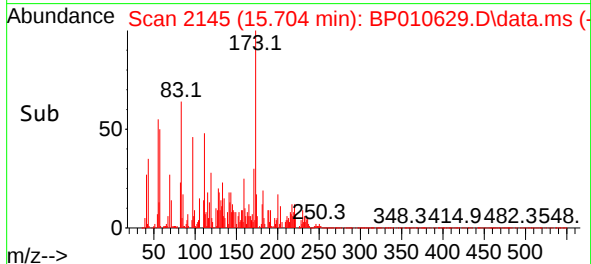
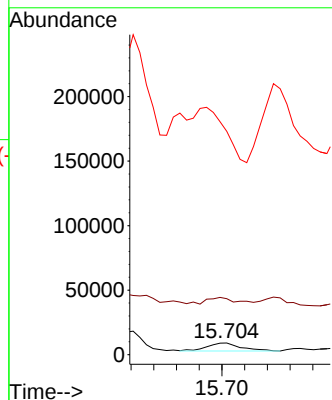
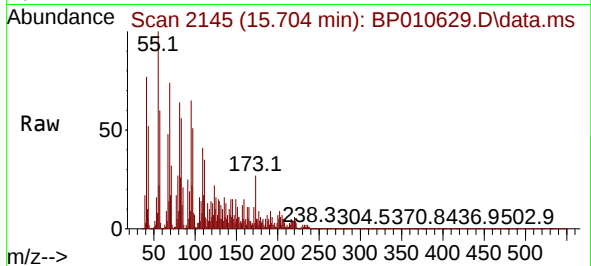




#65
4,6-Dinitro-2-methylphenol
Concen: 6.816 ng
RT: 15.704 min Scan# 2115
Delta R.T. 0.064 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

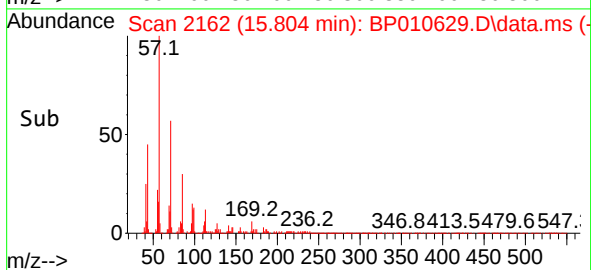
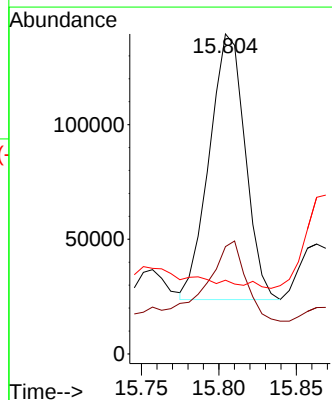
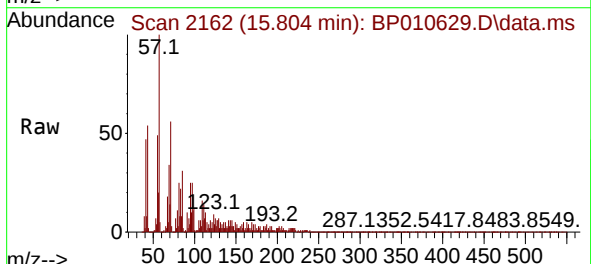
Instrument :
BNA_P
ClientSampleId :
ETGI-329

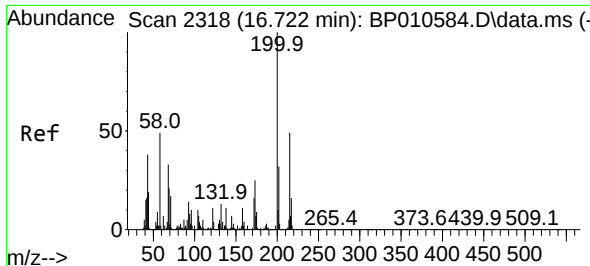
Tgt Ion:198 Resp: 12976
Ion Ratio Lower Upper
198 100
51 480.2 41.2 81.2#
105 1913.1 25.3 65.3#



#66
n-Nitrosodiphenylamine
Concen: 7.416 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.041 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:169 Resp: 186359
Ion Ratio Lower Upper
169 100
168 33.5 51.8 77.8#
167 23.1 28.3 42.5#

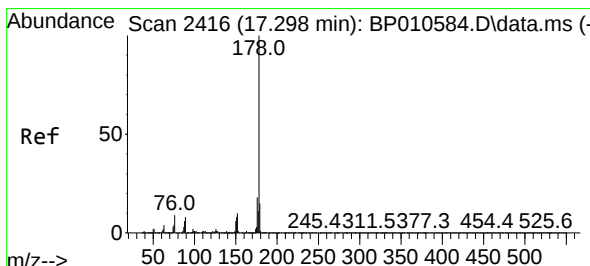
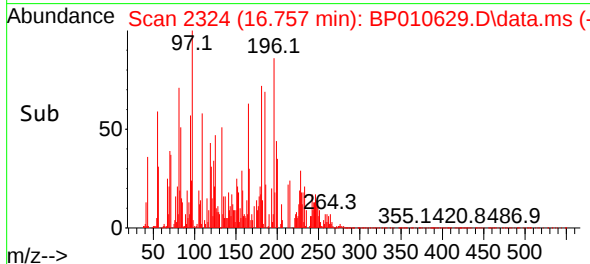
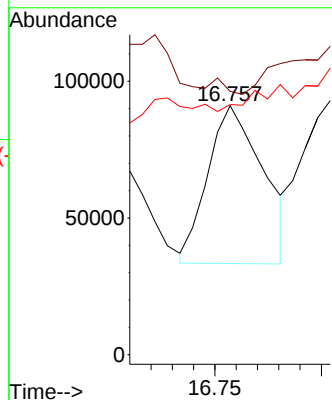
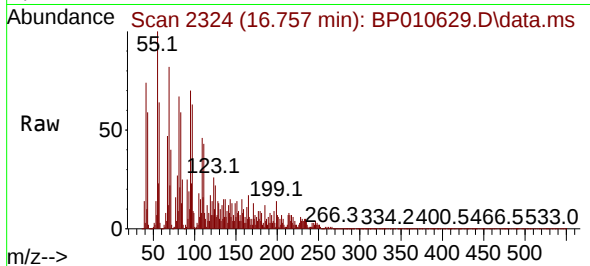




#69
Atrazine
Concen: 12.691 ng
RT: 16.757 min Scan# 21
Delta R.T. 0.035 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

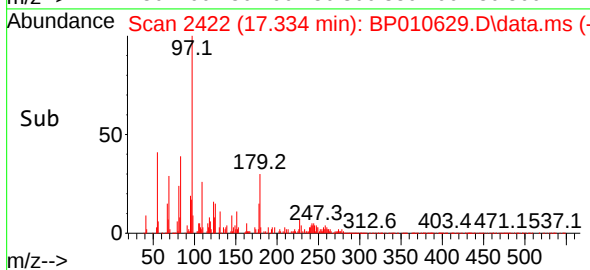
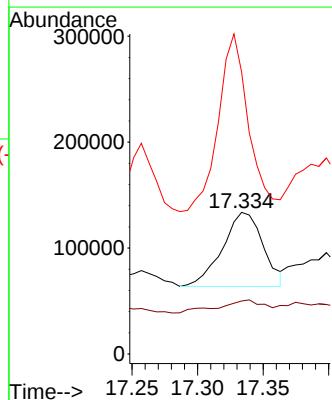
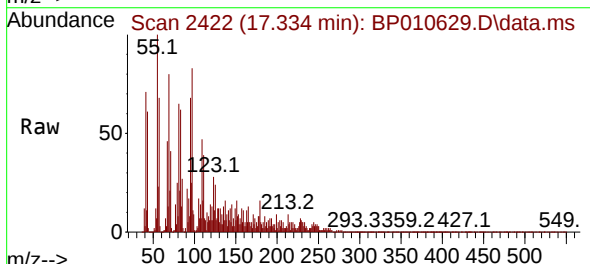
Instrument :
BNA_P
ClientSampleId :
ETGI-329

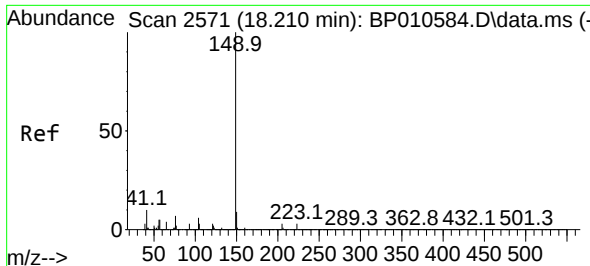
Tgt Ion:200 Resp: 103445
Ion Ratio Lower Upper
200 100
173 105.8 5.3 45.3#
215 100.4 29.4 69.4#



#71
Phenanthrene
Concen: 3.293 ng
RT: 17.334 min Scan# 2422
Delta R.T. 0.035 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:178 Resp: 150735
Ion Ratio Lower Upper
178 100
176 37.4 14.7 22.1#
179 198.9 12.2 18.2#

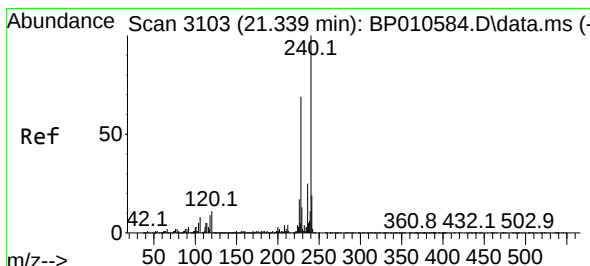
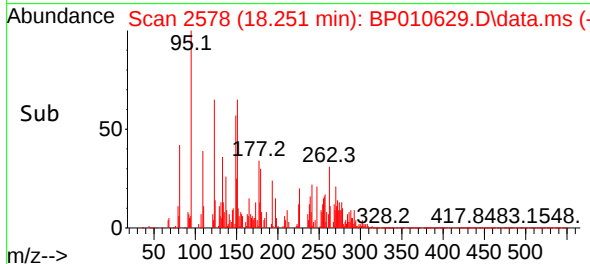
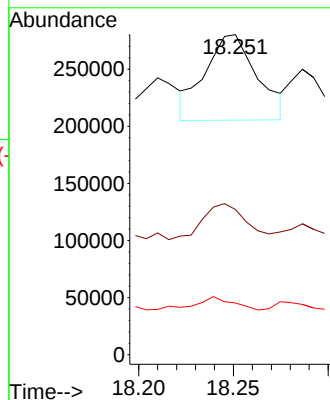
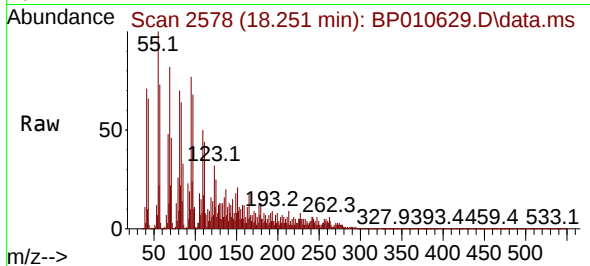




#74
Di-n-butylphthalate
Concen: 3.042 ng
RT: 18.251 min Scan# 21
Delta R.T. 0.041 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

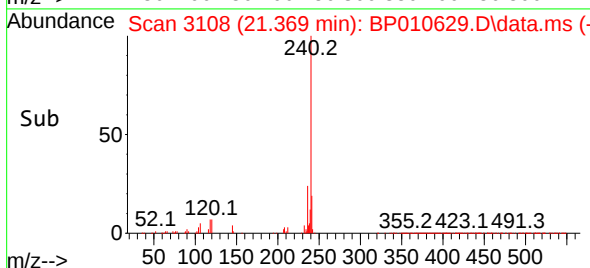
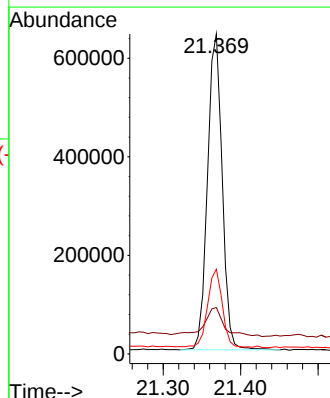
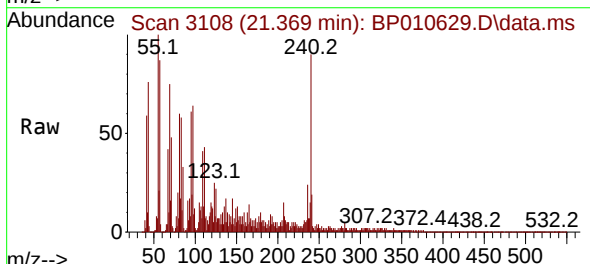
Instrument :
BNA_P
ClientSampleId :
ETGI-329

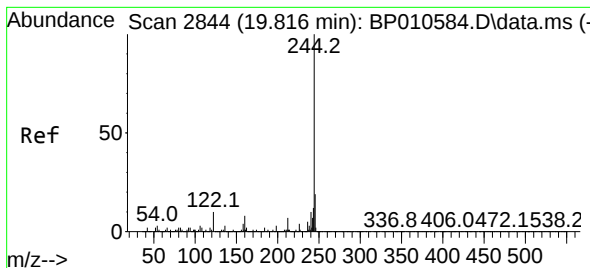
Tgt Ion:149 Resp: 144033
Ion Ratio Lower Upper
149 100
150 45.4 7.5 11.3#
104 16.2 4.8 7.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. 0.030 min
Lab File: BP010629.D
Acq: 29 May 2022 20:51

Tgt Ion:240 Resp: 841366
Ion Ratio Lower Upper
240 100
120 14.5 8.6 12.8#
236 26.5 19.8 29.6





#79

Terphenyl-d14

Concen: 6.347 ng

RT: 19.845 min Scan# 21

Delta R.T. 0.029 min

Lab File: BP010629.D

Acq: 29 May 2022 20:51

Instrument :

BNA_P

ClientSampleId :

ETGI-329

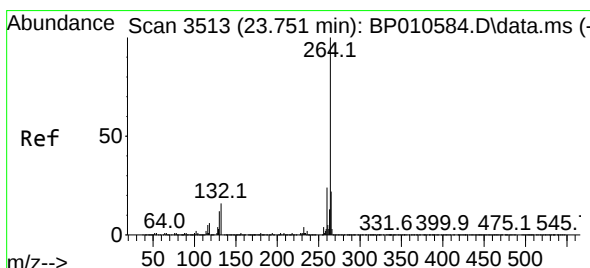
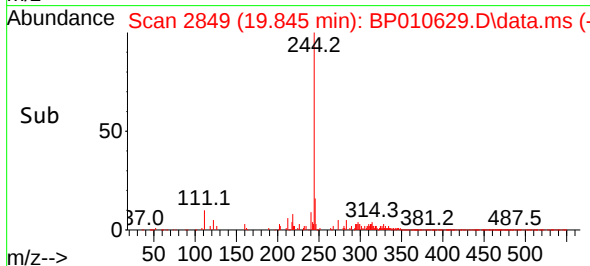
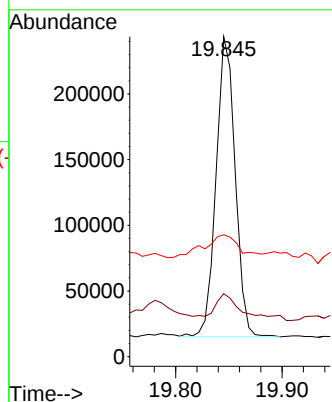
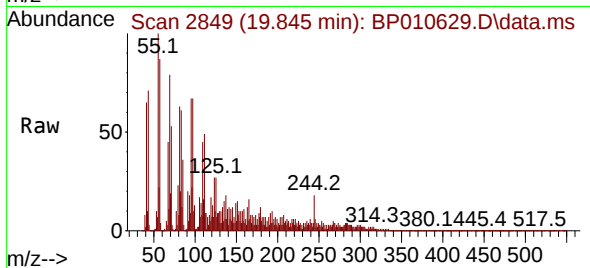
Tgt Ion:244 Resp: 284314

Ion Ratio Lower Upper

244 100

212 19.7 5.8 8.8#

122 38.1 7.6 11.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. 0.023 min

Lab File: BP010629.D

Acq: 29 May 2022 20:51

Tgt Ion:264 Resp: 835229

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 22.5 18.0 27.0

