

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
 Data File : BP008830.D
 Acq On : 17 Jan 2022 18:41
 Operator : CG/JU
 Sample : N1164-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-350

Quant Time: Jan 18 03:44:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

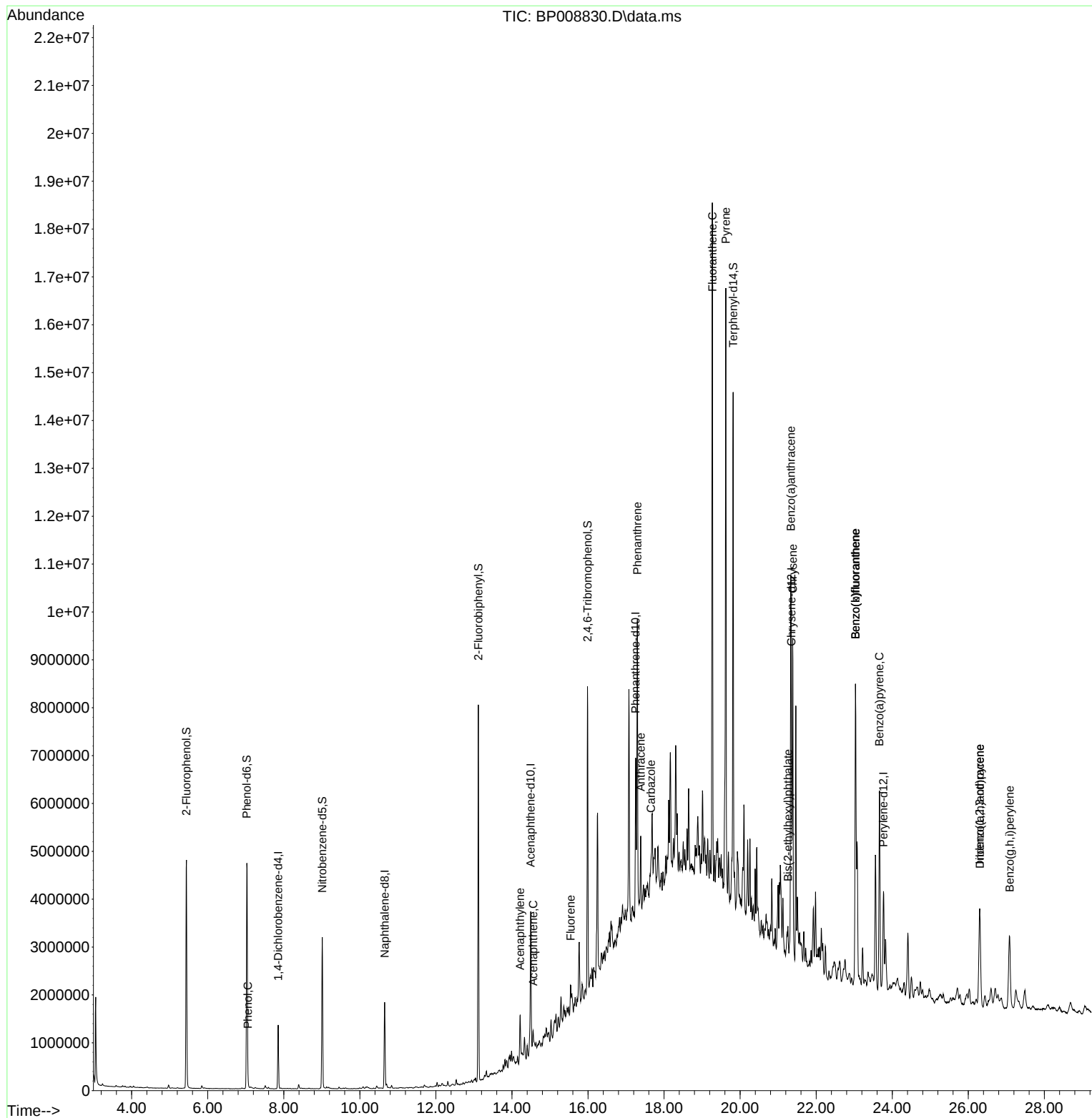
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	396921	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	1583683	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1020976	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2042156	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1626549	20.000	ng	0.00
86) Perylene-d12	23.768	264	1563789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2359056	91.910	ng	0.00
7) Phenol-d6	7.028	99	3014850	96.999	ng	0.00
23) Nitrobenzene-d5	9.010	82	1881934	67.466	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1405574	94.579	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4269182	55.143	ng	0.00
79) Terphenyl-d14	19.816	244	5011582	52.007	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.058	94	66816	2.109	ng	86
49) Acenaphthylene	14.216	152	802018	8.288	ng	99
52) Acenaphthene	14.557	154	140351	2.445	ng	97
58) Fluorene	15.545	166	230187	3.116	ng	# 93
71) Phenanthrene	17.298	178	4019885	34.962	ng	100
72) Anthracene	17.386	178	1055215	9.148	ng	98
73) Carbazole	17.657	167	418171	4.216	ng	# 90
75) Fluoranthene	19.269	202	8575847	67.070	ng	99
78) Pyrene	19.622	202	8132062	71.652	ng	99
81) Benzo(a)anthracene	21.333	228	3558741	32.522	ng	96
83) Chrysene	21.380	228	4015438	37.854	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	173515	2.455	ng	99
87) Indeno(1,2,3-cd)pyrene	26.298	276	2124339	16.486	ng	# 94
88) Benzo(b)fluoranthene	23.033	252	4443015	42.544	ng	98
89) Benzo(k)fluoranthene	23.033	252	4443015	43.951	ng	99
90) Benzo(a)pyrene	23.663	252	3042043	30.178	ng	98
91) Dibenzo(a,h)anthracene	26.304	278	530568	4.842	ng	# 80
92) Benzo(g,h,i)perylene	27.086	276	2124736	19.861	ng	99

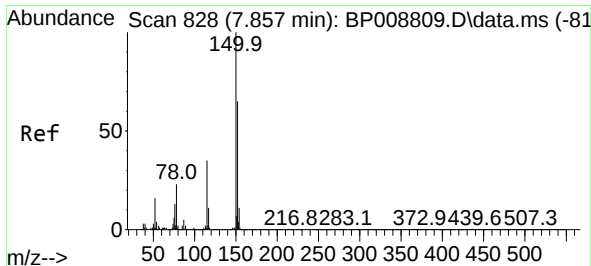
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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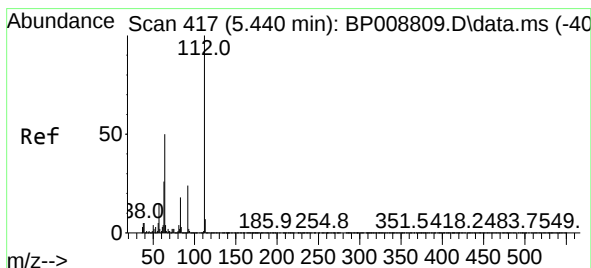
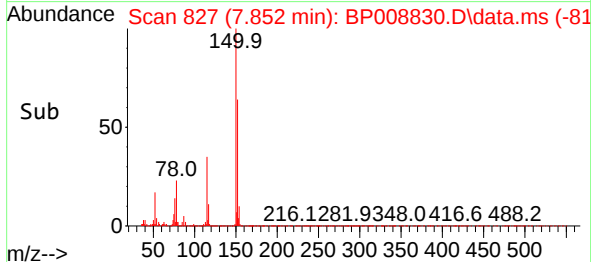
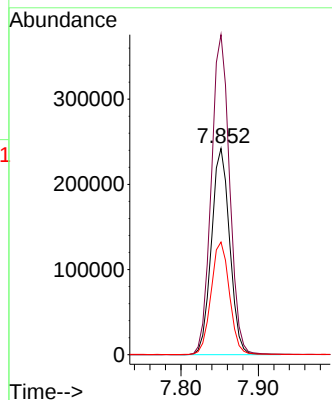
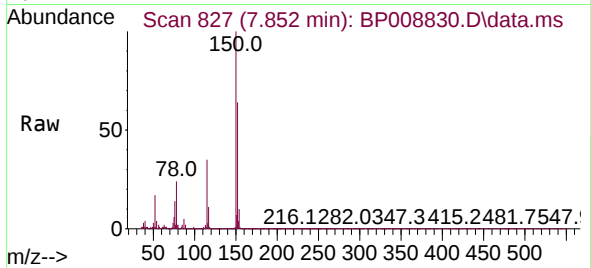




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

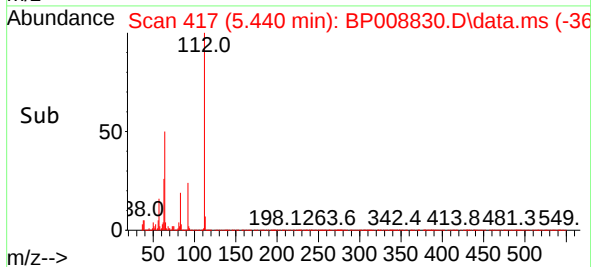
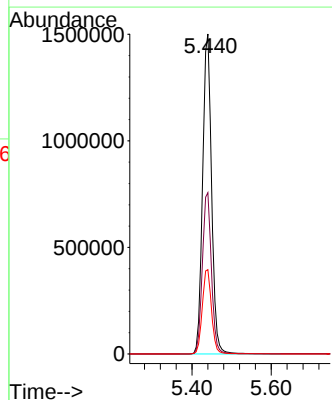
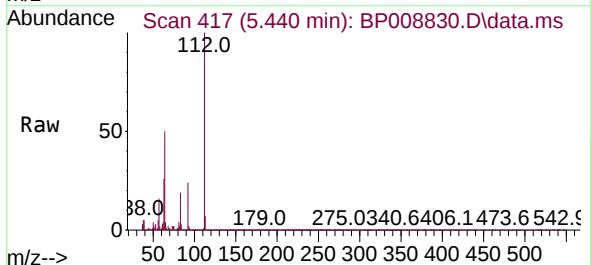
Instrument :
BNA_P
ClientSampleId :
ETGI-350

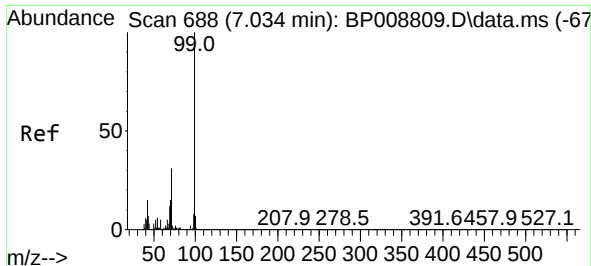
Tgt Ion:152 Resp: 396921
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 54.6 43.7 65.5



#5
2-Fluorophenol
Concen: 91.910 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:112 Resp: 2359056
Ion Ratio Lower Upper
112 100
64 50.4 39.7 59.5
63 26.3 20.0 30.0

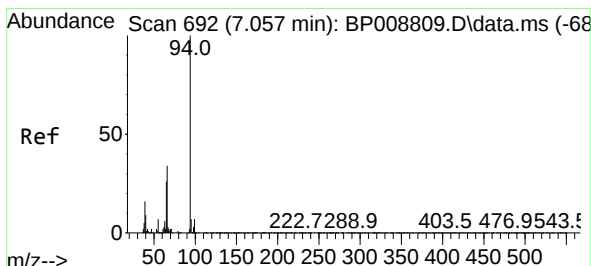
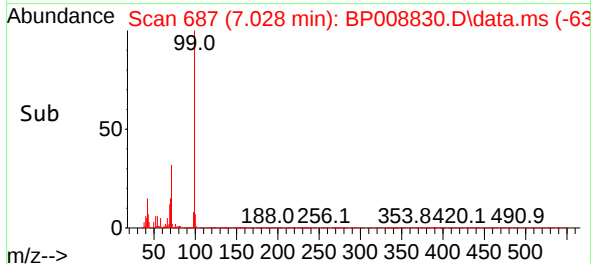
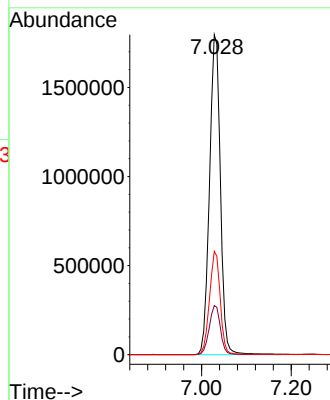
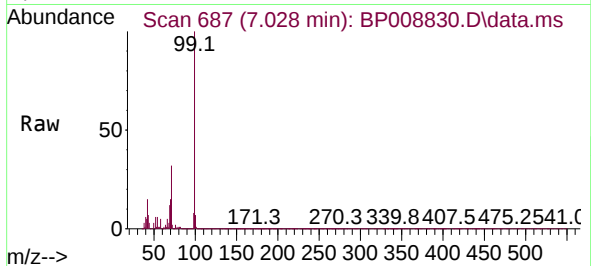




#7
Phenol-d6
Concen: 96.999 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

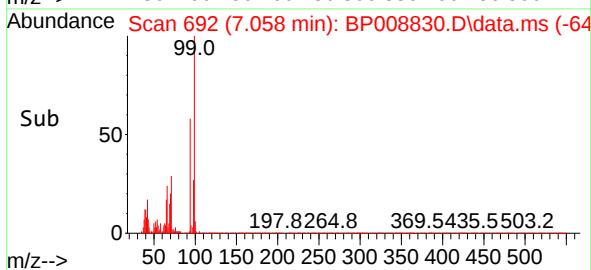
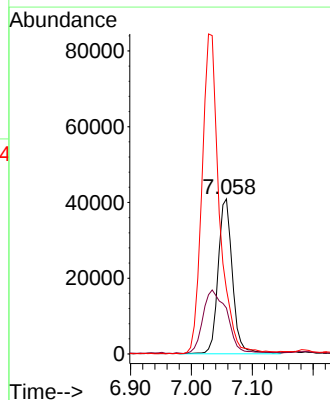
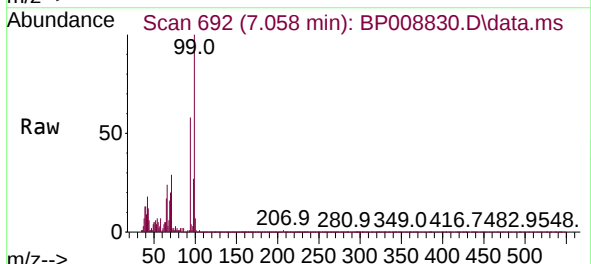
Instrument :
BNA_P
ClientSampleId :
ETGI-350

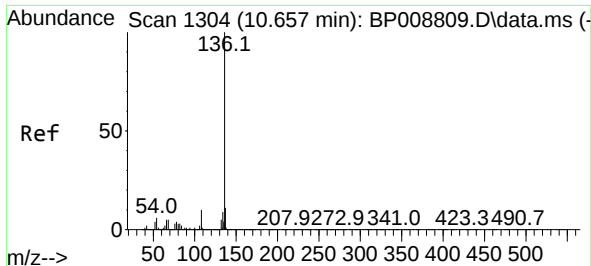
Tgt Ion: 99 Resp: 3014850
Ion Ratio Lower Upper
99 100
42 15.3 10.8 16.2
71 32.3 23.8 35.6



#10
Phenol
Concen: 2.109 ng
RT: 7.058 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion: 94 Resp: 66816
Ion Ratio Lower Upper
94 100
65 29.6 4.1 44.1
66 41.7 12.4 52.4



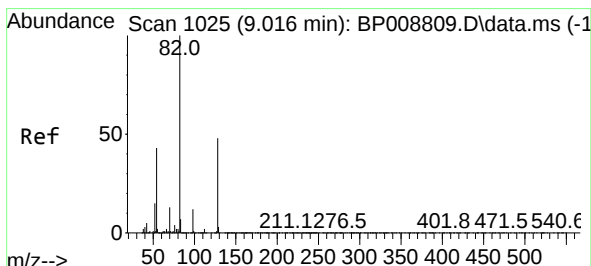
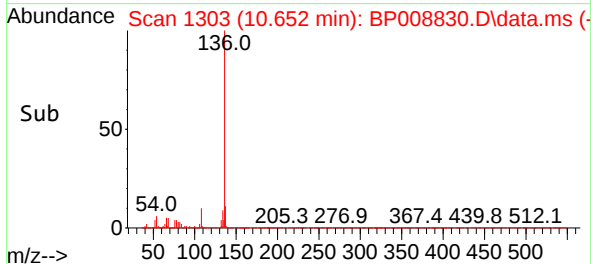
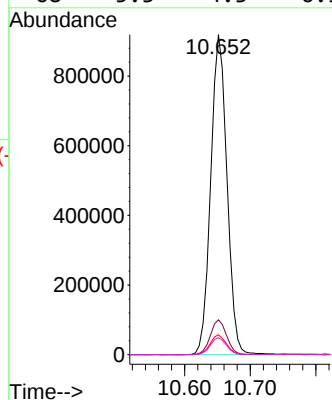
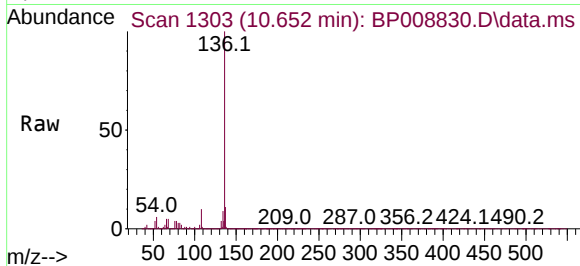


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Instrument :
BNA_P
ClientSampleId :
ETGI-350

Tgt Ion:136 Resp: 1583683

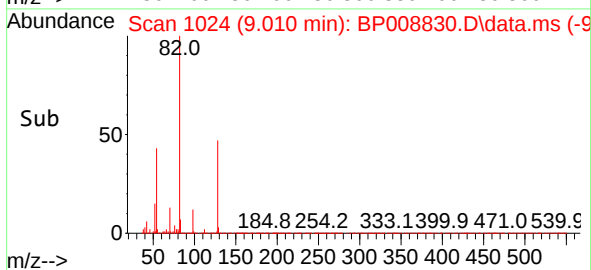
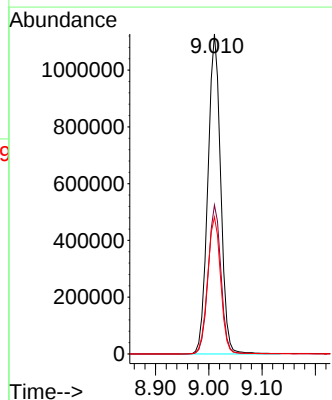
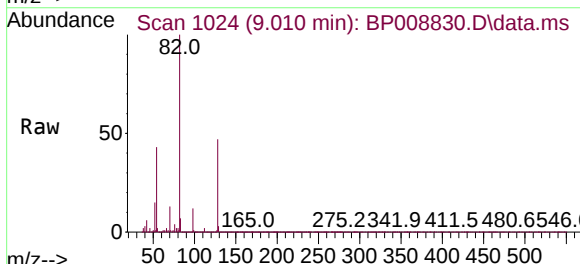
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.2	4.9	7.3
68	5.3	4.3	6.5

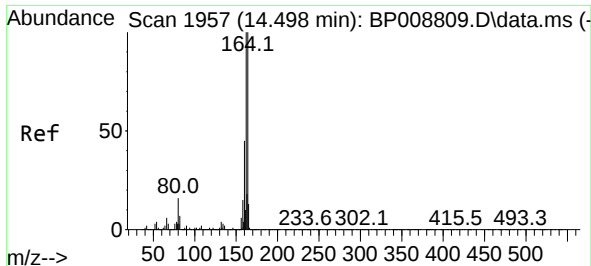


#23
Nitrobenzene-d5
Concen: 67.466 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion: 82 Resp: 1881934

Ion	Ratio	Lower	Upper
82	100		
128	46.6	39.4	59.2
54	42.8	32.6	48.8

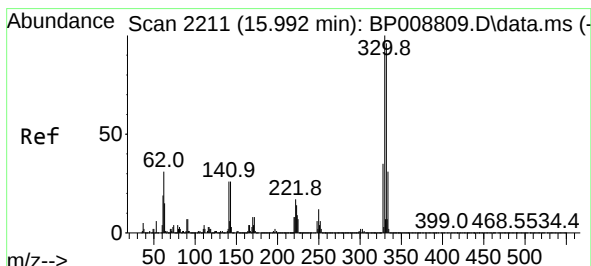
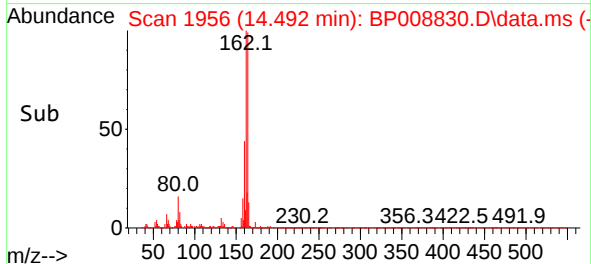
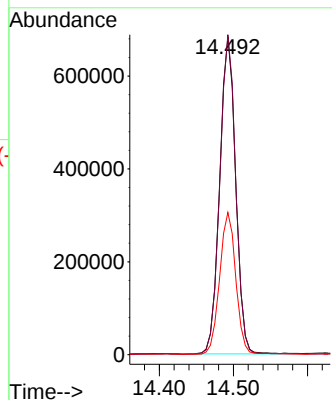
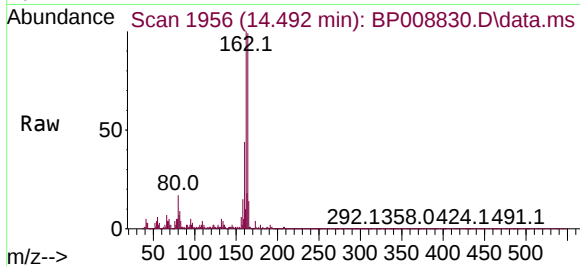




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

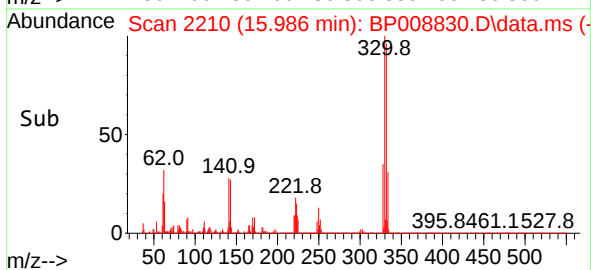
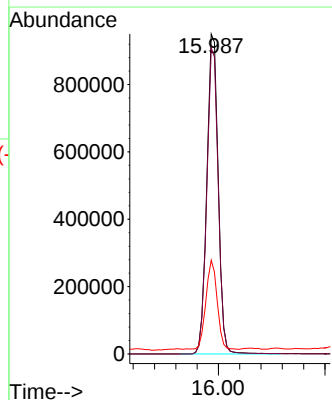
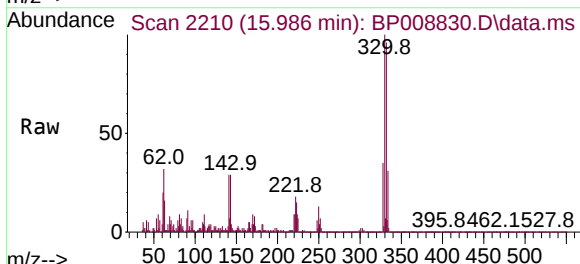
Instrument :
BNA_P
ClientSampleId :
ETGI-350

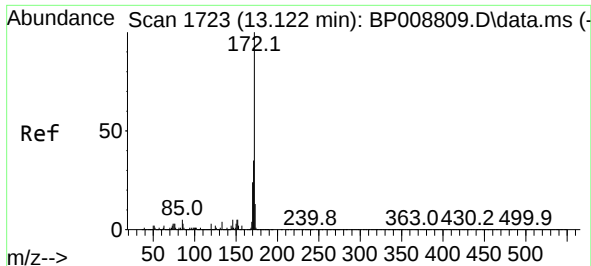
Tgt Ion:164 Resp: 1020976
Ion Ratio Lower Upper
164 100
162 100.7 79.9 119.9
160 44.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 94.579 ng
RT: 15.986 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:330 Resp: 1405574
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 27.5 21.3 31.9

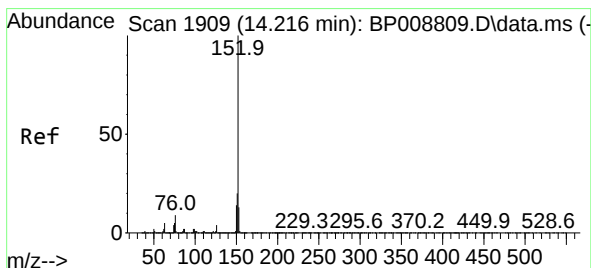
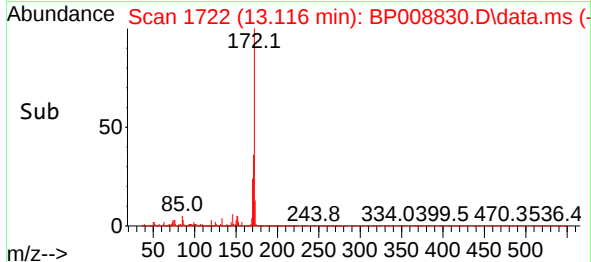
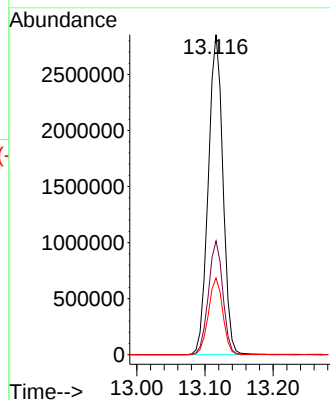
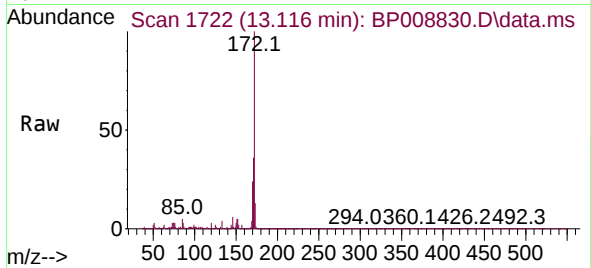




#45
2-Fluorobiphenyl
Concen: 55.143 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

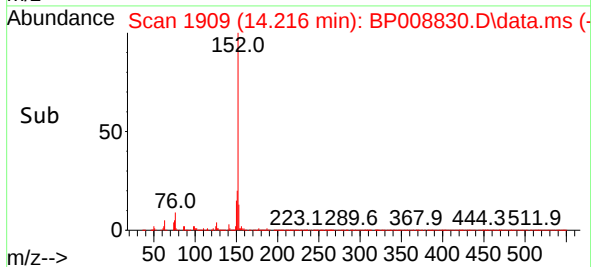
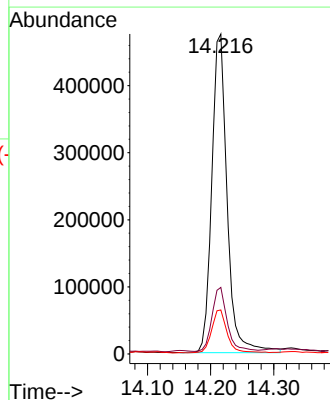
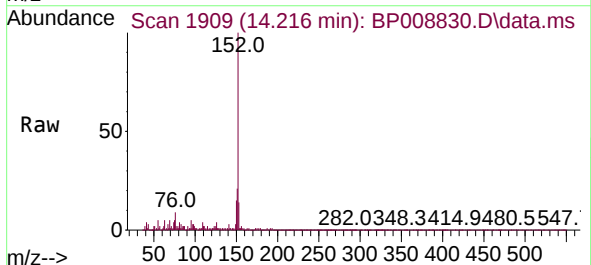
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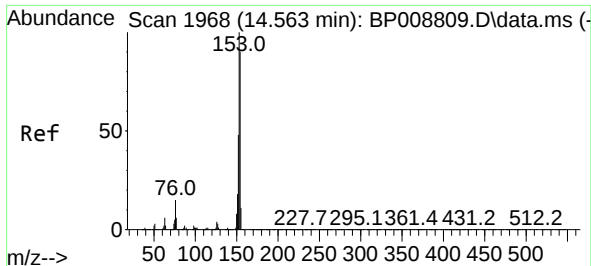
Tgt Ion:172 Resp: 4269182
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.0 19.5 29.3



#49
Acenaphthylene
Concen: 8.288 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:152 Resp: 802018
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 13.7 10.6 16.0

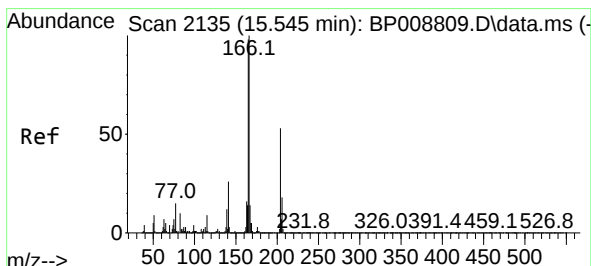
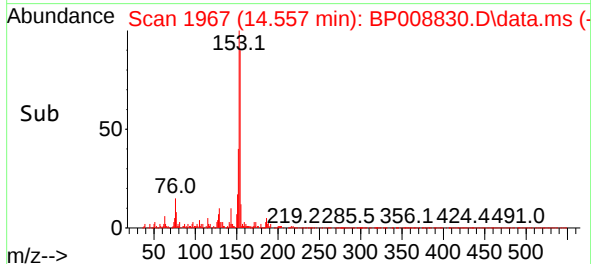
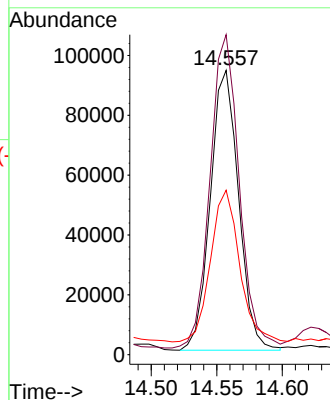
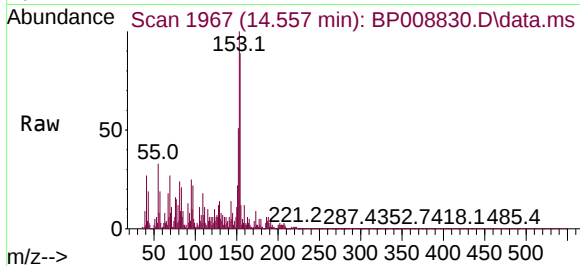




#52
Acenaphthene
Concen: 2.445 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

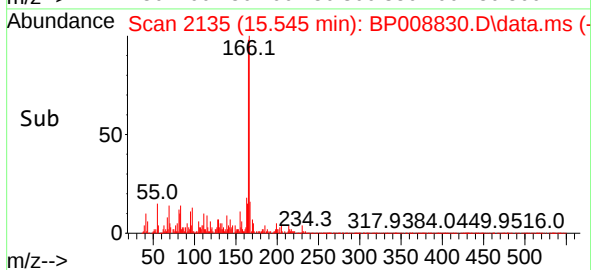
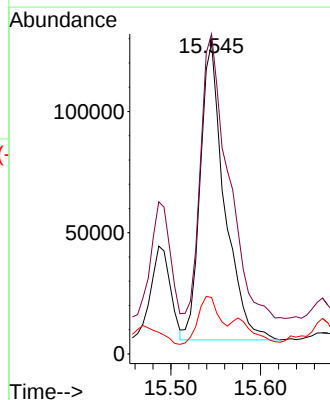
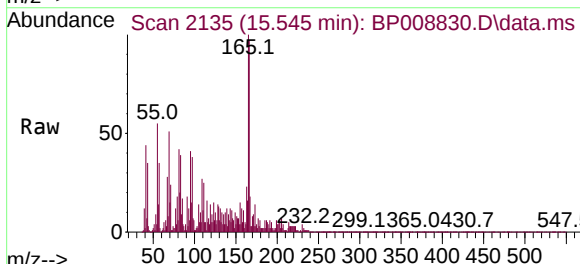
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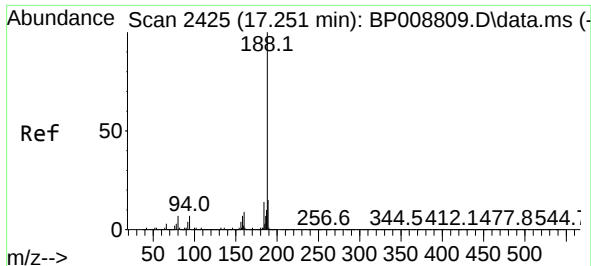
Tgt Ion:154 Resp: 140351
Ion Ratio Lower Upper
154 100
153 112.5 89.4 134.2
152 57.8 42.6 63.8



#58
Fluorene
Concen: 3.116 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:166 Resp: 230187
Ion Ratio Lower Upper
166 100
165 102.8 77.2 115.8
167 18.1 11.2 16.8#

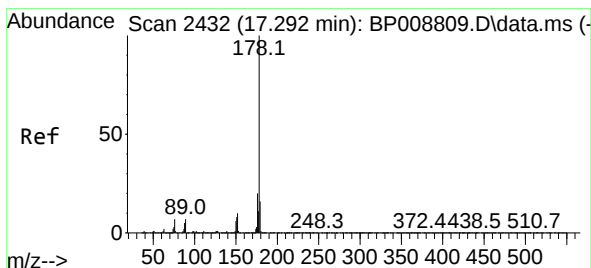
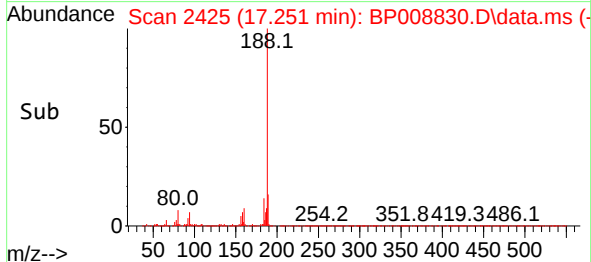
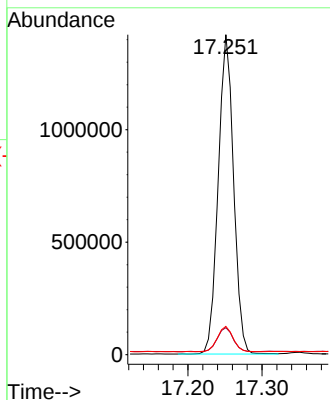
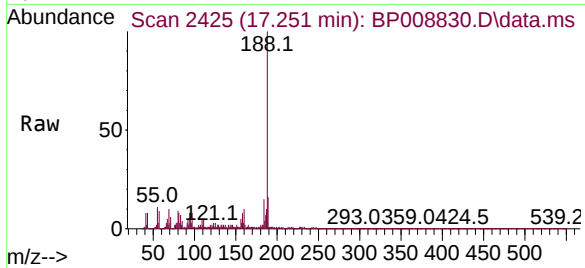




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

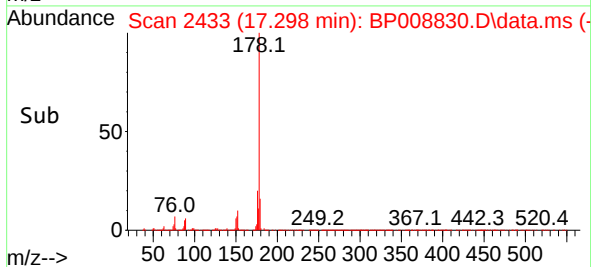
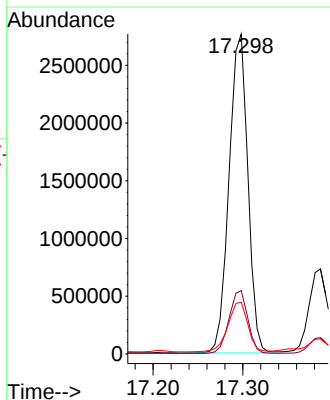
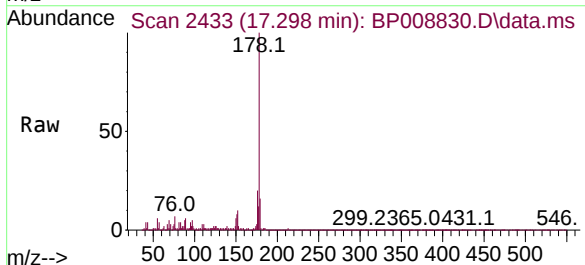
Instrument :
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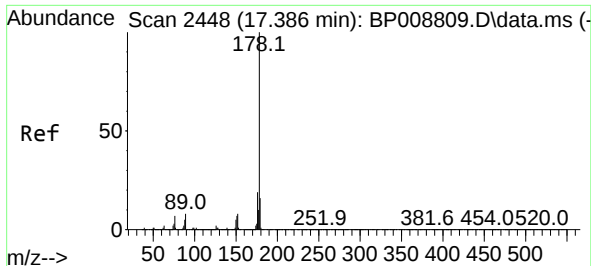
Tgt Ion:188 Resp: 2042156
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 8.9 7.2 10.8



#71
Phenanthrene
Concen: 34.962 ng
RT: 17.298 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:178 Resp: 4019885
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.1 13.0 19.4

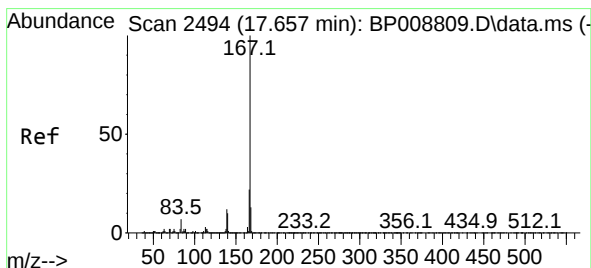
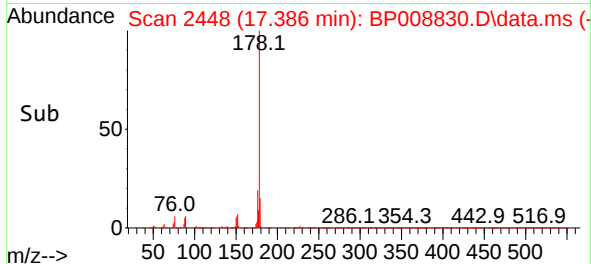
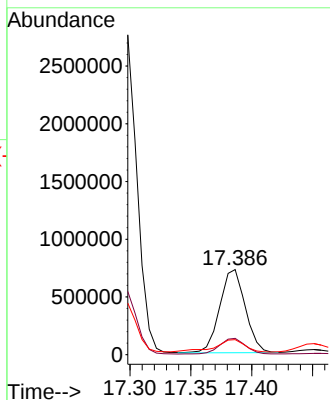
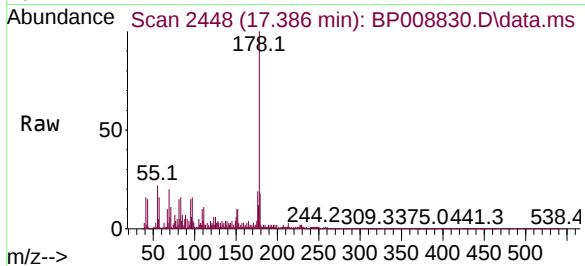




#72
 Anthracene
 Concen: 9.148 ng
 RT: 17.386 min Scan# 2448
 Delta R.T. 0.000 min
 Lab File: BP008830.D
 Acq: 17 Jan 2022 18:41

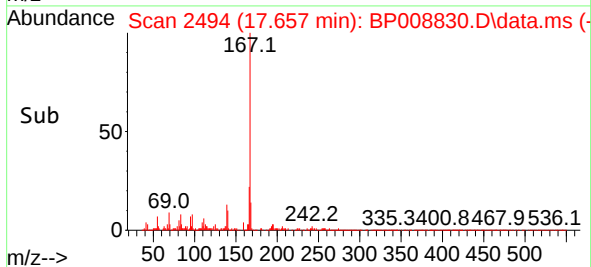
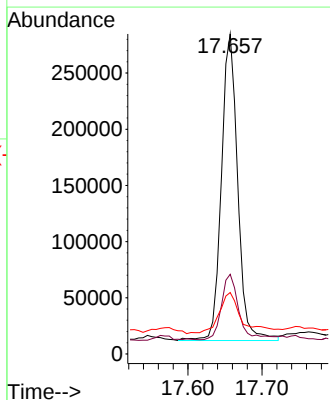
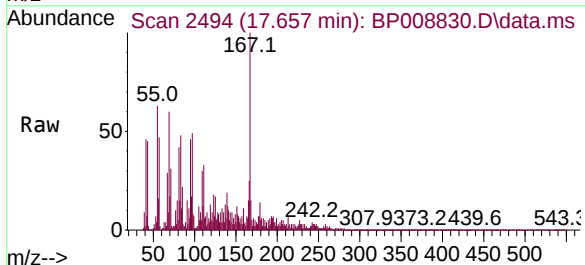
Instrument :
 BNA_P
 ClientSampleId :
 ETGI-350

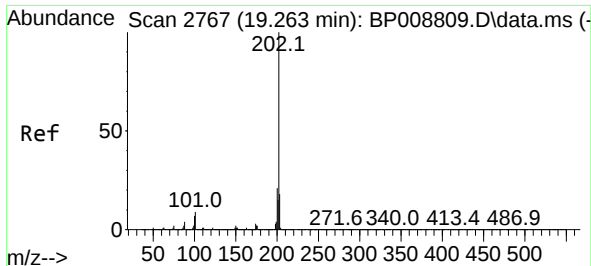
Tgt Ion:178 Resp: 1055215
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 17.7 12.8 19.2



#73
 Carbazole
 Concen: 4.216 ng
 RT: 17.657 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: BP008830.D
 Acq: 17 Jan 2022 18:41

Tgt Ion:167 Resp: 418171
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.7 26.5
 139 19.2 9.8 14.6#

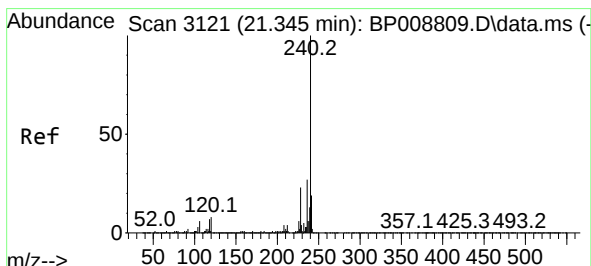
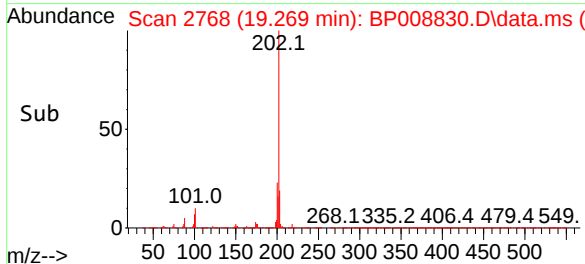
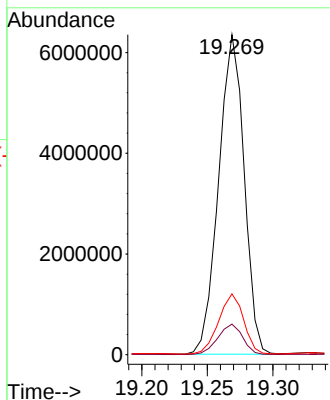
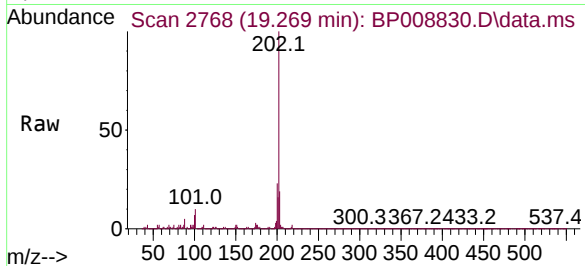




#75
Fluoranthene
Concen: 67.070 ng
RT: 19.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

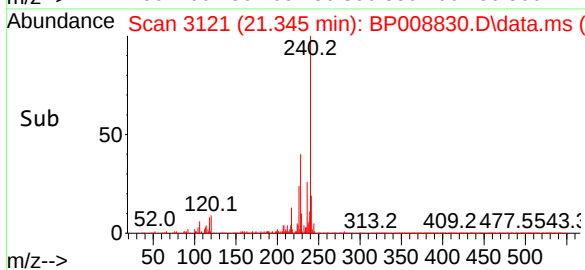
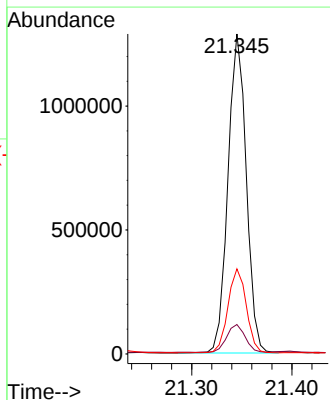
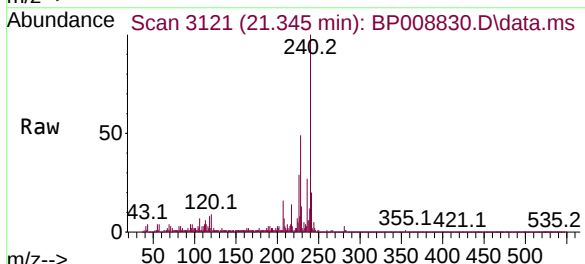
Instrument :
BNA_P
ClientSampleId :
ETGI-350

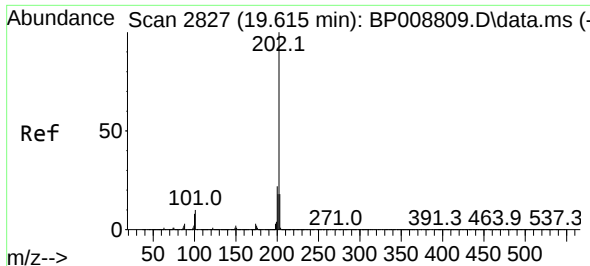
Tgt Ion:202 Resp: 8575847
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.7
203 19.0 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:240 Resp: 1626549
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.6 21.2 31.8

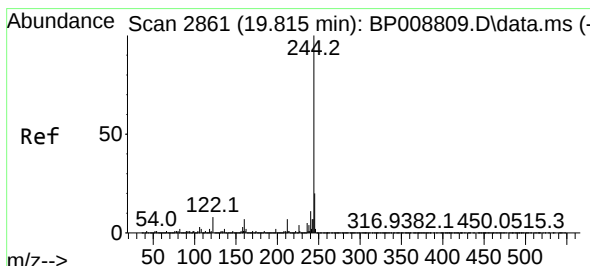
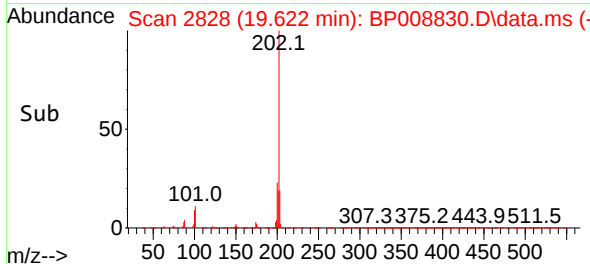
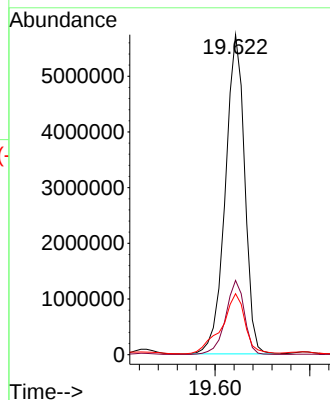
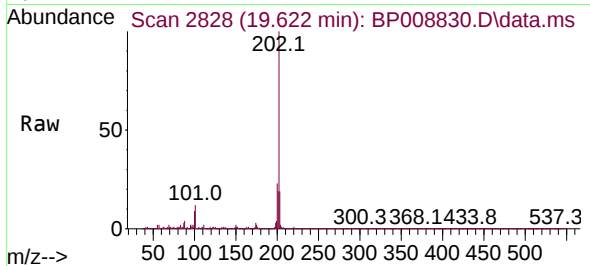




#78
Pyrene
Concen: 71.652 ng
RT: 19.622 min Scan# 2828
Delta R.T. 0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

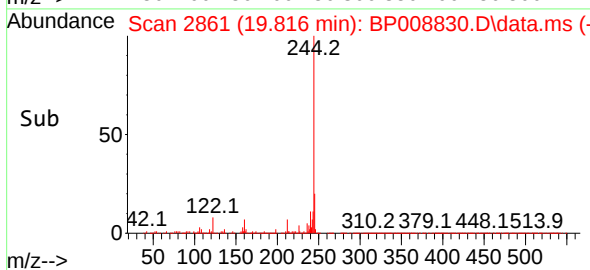
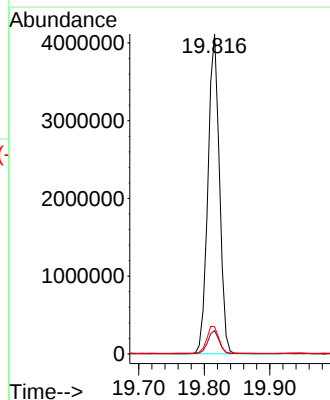
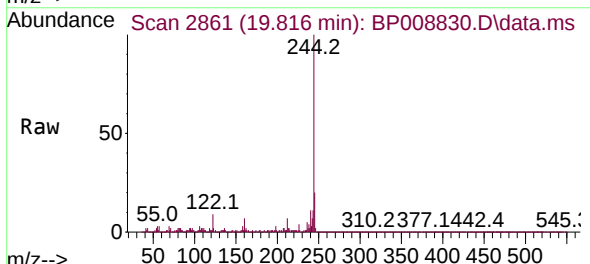
Instrument :
BNA_P
ClientSampleId :
ETGI-350

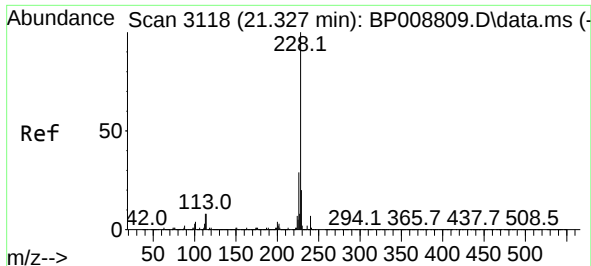
Tgt Ion:202 Resp: 8132062
Ion Ratio Lower Upper
202 100
200 23.2 18.0 27.0
203 19.0 15.0 22.6



#79
Terphenyl-d14
Concen: 52.007 ng
RT: 19.816 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:244 Resp: 5011582
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 8.5 9.2 13.8#

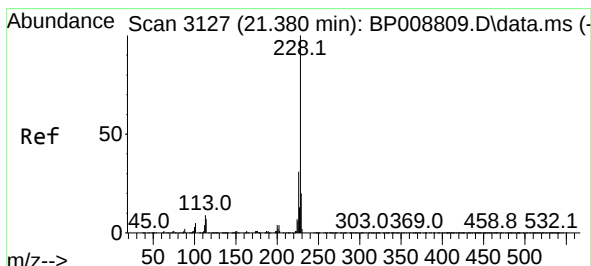
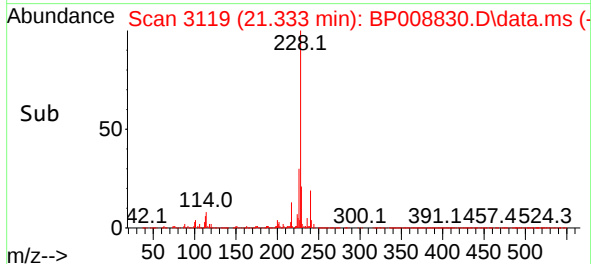
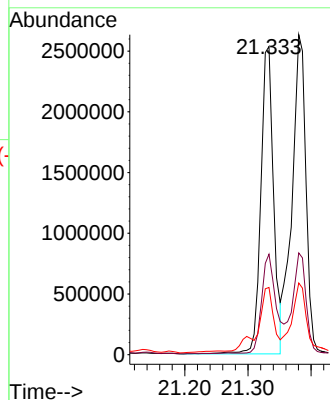
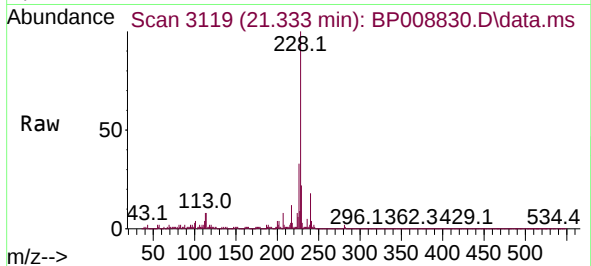




#81
Benzo(a)anthracene
Concen: 32.522 ng
RT: 21.333 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

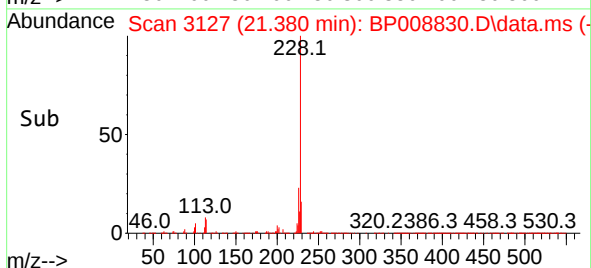
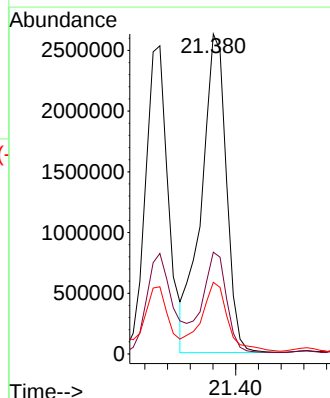
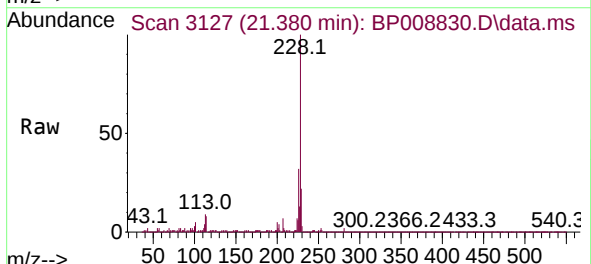
Instrument :
BNA_P
ClientSampleId :
ETGI-350

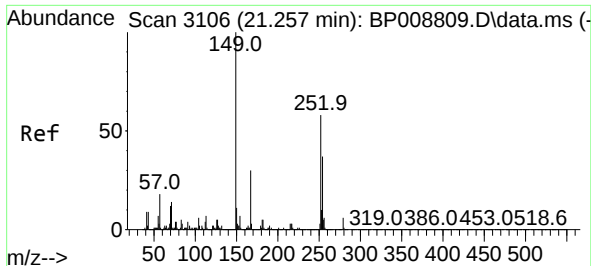
Tgt Ion:228 Resp: 3558741
Ion Ratio Lower Upper
228 100
226 32.6 23.3 34.9
229 21.8 17.0 25.6



#83
Chrysene
Concen: 37.854 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:228 Resp: 4015438
Ion Ratio Lower Upper
228 100
226 31.8 26.0 39.0
229 22.4 16.9 25.3

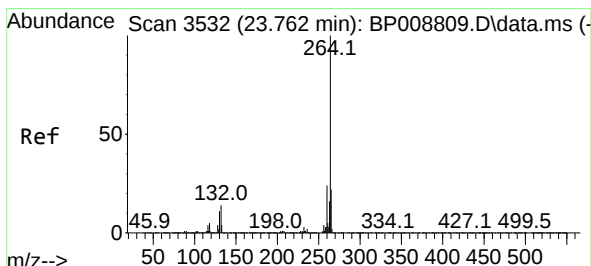
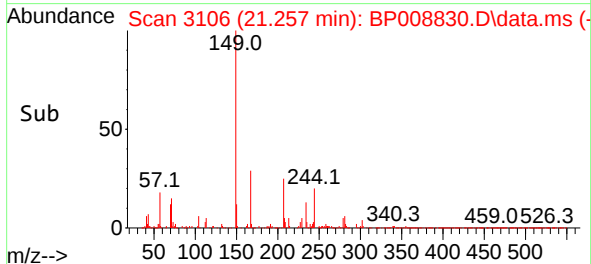
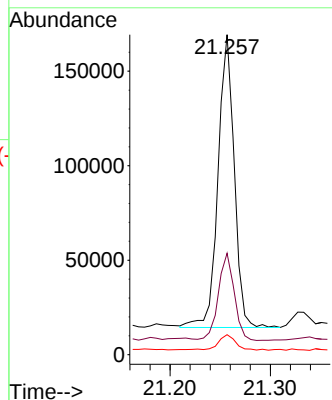
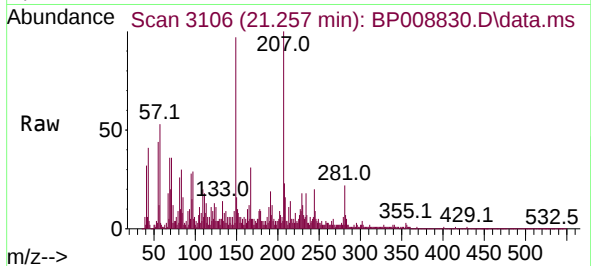




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.455 ng
RT: 21.257 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

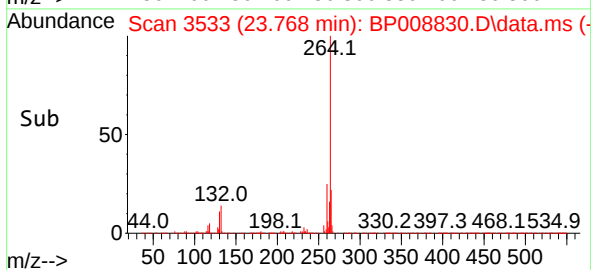
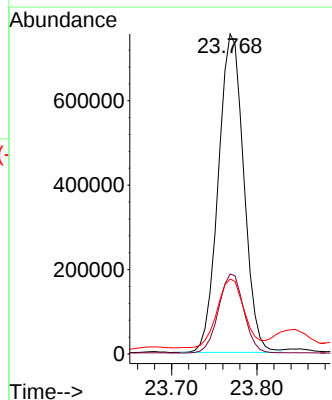
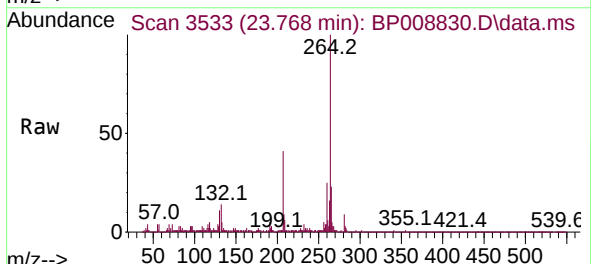
Instrument :
BNA_P
ClientSampleId :
ETGI-350

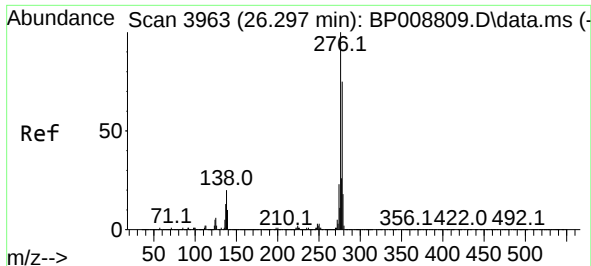
Tgt Ion:149 Resp: 173515
Ion Ratio Lower Upper
149 100
167 31.7 25.0 37.4
279 6.3 4.8 7.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3533
Delta R.T. 0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:264 Resp: 1563789
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 23.4 17.1 25.7

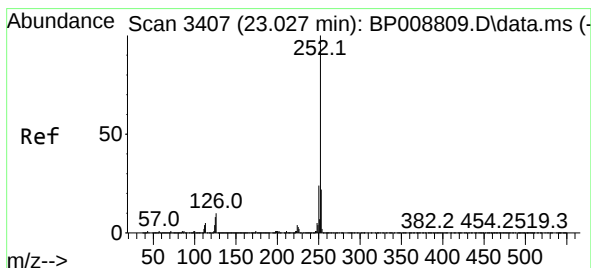
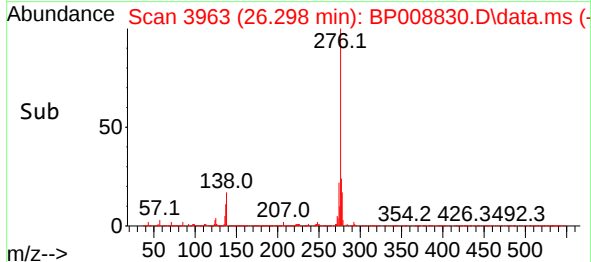
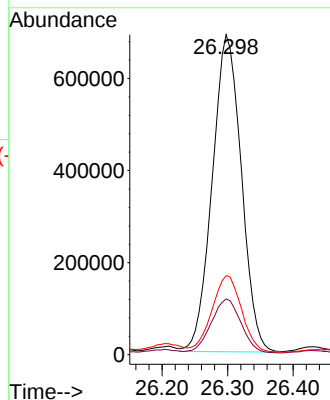
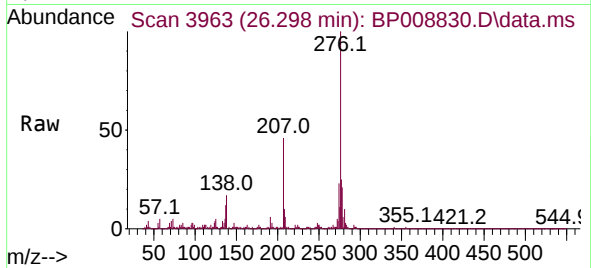




#87
Indeno(1,2,3-cd)pyrene
Concen: 16.486 ng
RT: 26.298 min Scan# 3963
Delta R.T. 0.000 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

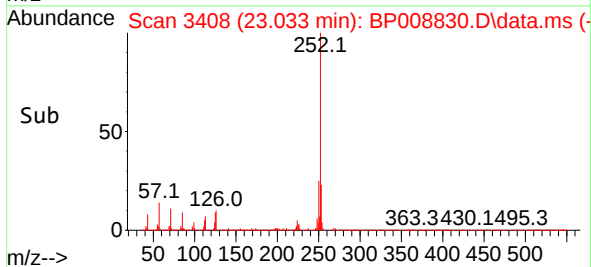
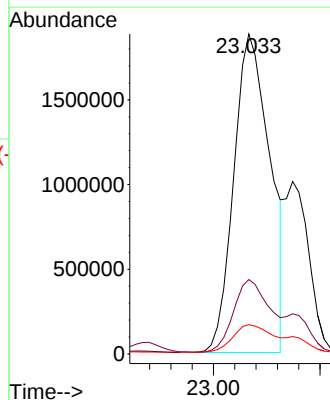
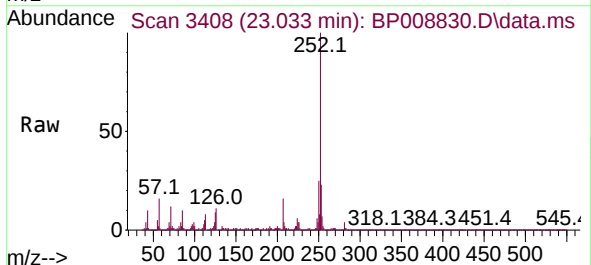
Instrument :
BNA_P
ClientSampleId :
ETGI-350

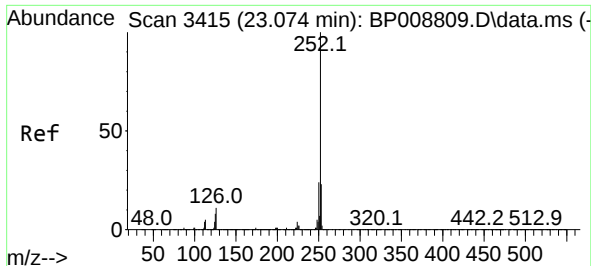
Tgt Ion:276 Resp: 2124339
Ion Ratio Lower Upper
276 100
138 17.4 17.8 26.6#
277 24.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 42.544 ng
RT: 23.033 min Scan# 3408
Delta R.T. 0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:252 Resp: 4443015
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 9.2 6.9 10.3

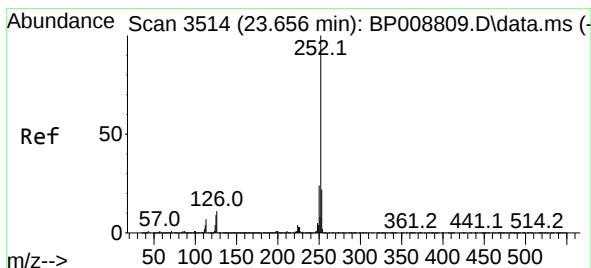
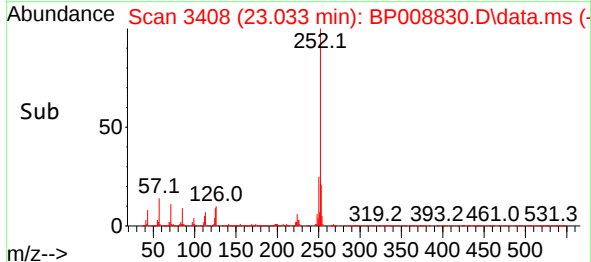
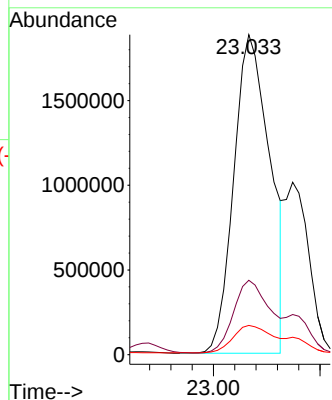
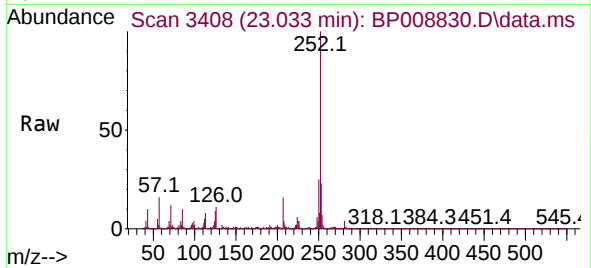




#89
Benzo(k)fluoranthene
Concen: 43.951 ng
RT: 23.033 min Scan# 3415
Delta R.T. -0.041 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

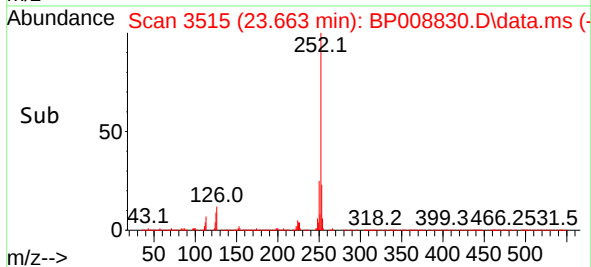
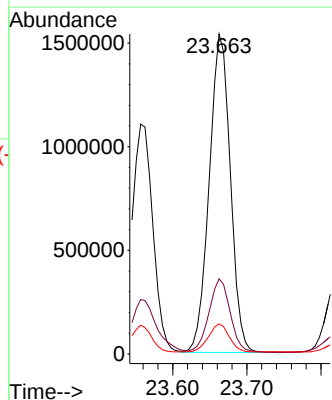
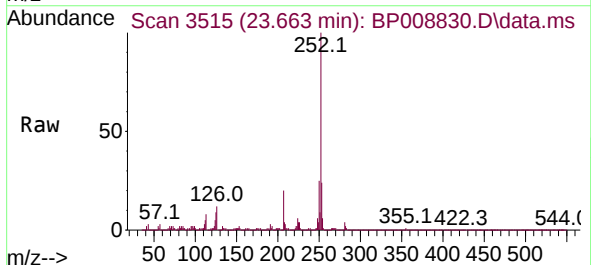
Instrument :
BNA_P
ClientSampleId :
ETGI-350

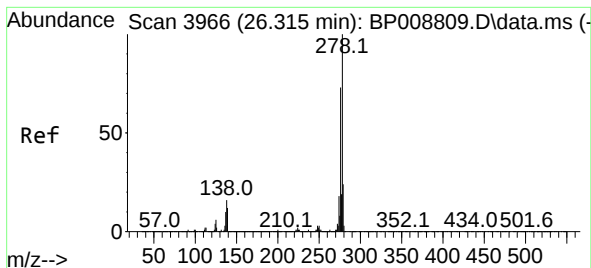
Tgt Ion:252 Resp: 4443015
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 9.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 30.178 ng
RT: 23.663 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP008830.D
Acq: 17 Jan 2022 18:41

Tgt Ion:252 Resp: 3042043
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 9.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 4.842 ng

RT: 26.304 min Scan# 3964

Delta R.T. -0.012 min

Lab File: BP008830.D

Acq: 17 Jan 2022 18:41

Instrument :

BNA_P

ClientSampleId :

ETGI-350

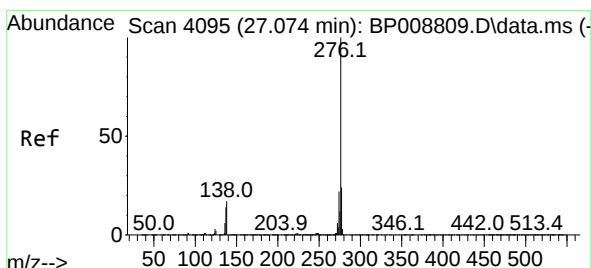
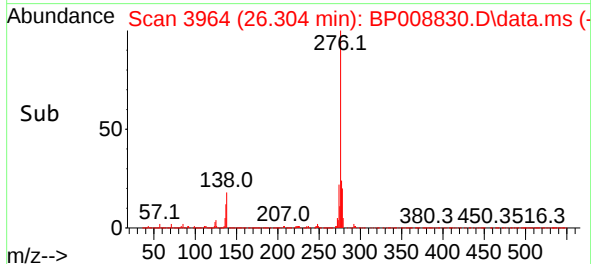
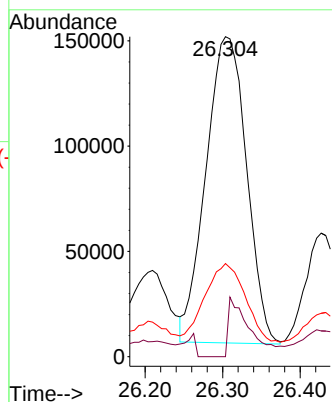
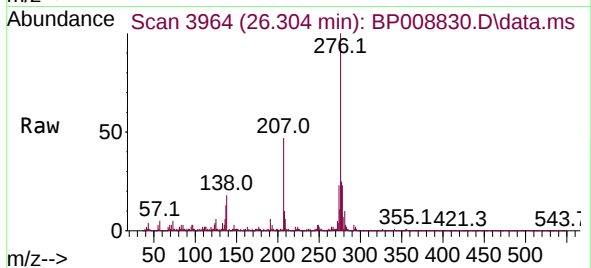
Tgt Ion:278 Resp: 530568

Ion Ratio Lower Upper

278 100

139 0.0 11.5 17.3#

279 29.1 19.1 28.7#



#92

Benzo(g,h,i)perylene

Concen: 19.861 ng

RT: 27.086 min Scan# 4097

Delta R.T. 0.012 min

Lab File: BP008830.D

Acq: 17 Jan 2022 18:41

Tgt Ion:276 Resp: 2124736

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 17.8 15.0 22.4

