

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070821\
 Data File : BP006150.D
 Acq On : 08 Jul 2021 20:59
 Operator : CG/JU
 Sample : M2965-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-ETGI-345

Quant Time: Jul 09 04:30:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 07 16:08:13 2021
 Response via : Initial Calibration

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

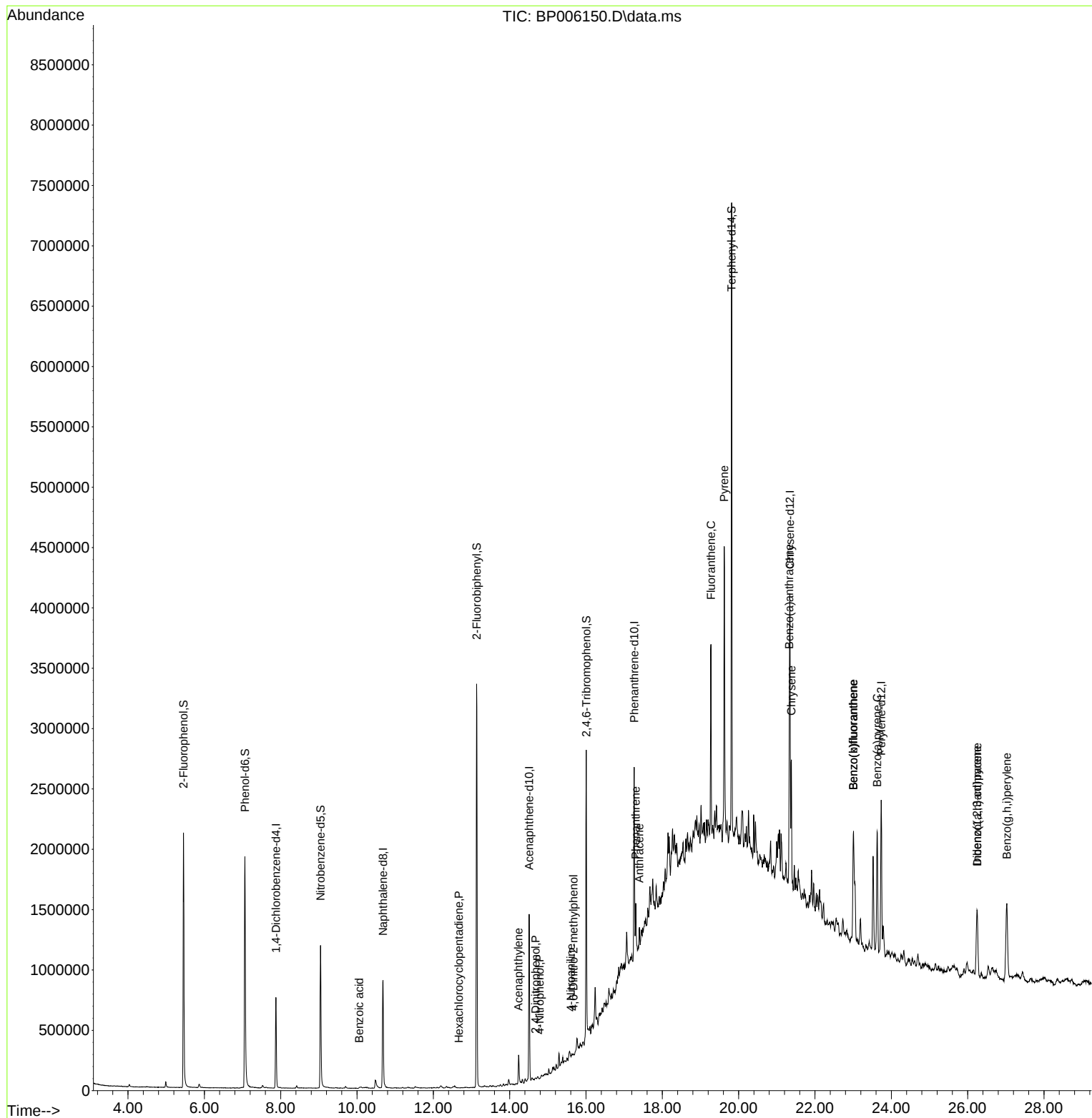
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	220048	20.00	ng	0.00
21) Naphthalene-d8	10.681	136	843635	20.00	ng	0.00
39) Acenaphthene-d10	14.510	164	473958	20.00	ng	0.00
64) Phenanthrene-d10	17.263	188	849832	20.00	ng	# 0.00
76) Chrysene-d12	21.345	240	816138	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	943105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1110015	86.80	ng	0.00
7) Phenol-d6	7.063	99	1322892	78.20	ng	0.00
23) Nitrobenzene-d5	9.046	82	758120	56.76	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	456993	80.99	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1769329	55.19	ng	0.00
79) Terphenyl-d14	19.816	244	2127029	51.38	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.057	122	58	6.91	ng	# 17
41) Hexachlorocyclopentadiene	12.669	237	15	8.71	ng	82
49) Acenaphthylene	14.234	152	184807	4.19	ng	99
54) 2,4-Dinitrophenol	14.681	184	71	8.90	ng	# 1
56) 4-Nitrophenol	14.787	139	221	7.16	ng	# 1
62) 4-Nitroaniline	15.604	138	501	3.02	ng	84
65) 4,6-Dinitro-2-methylph...	15.675	198	100	4.44	ng	# 1
71) Phenanthrene	17.304	178	231039	4.81	ng	# 95
72) Anthracene	17.398	178	105507	2.24	ng	# 92
75) Fluoranthene	19.275	202	900631	17.12	ng	96
78) Pyrene	19.622	202	1385409	25.11	ng	98
81) Benzo(a)anthracene	21.327	228	623702	12.08	ng	96
83) Chrysene	21.380	228	568024	11.14	ng	97
87) Indeno(1,2,3-cd)pyrene	26.245	276	587284	8.45	ng	# 92
88) Benzo(b)fluoranthene	23.004	252	856018	14.96	ng	# 94
89) Benzo(k)fluoranthene	23.004	252	856018	15.31	ng	# 94
90) Benzo(a)pyrene	23.627	252	695247	12.95	ng	# 94
91) Dibenzo(a,h)anthracene	26.251	278	130361	2.18	ng	# 77
92) Benzo(g,h,i)perylene	27.027	276	778682	13.22	ng	# 89

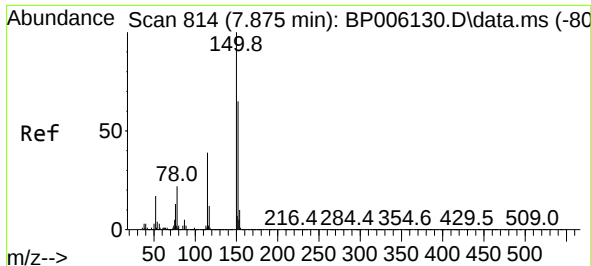
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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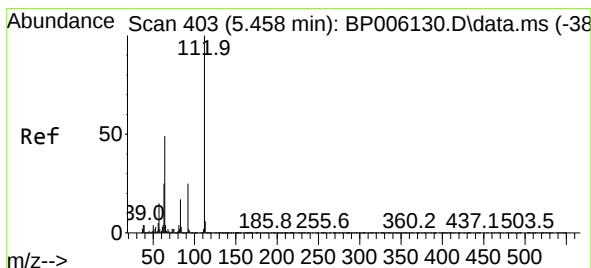
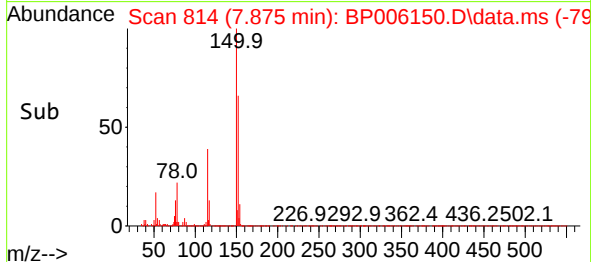
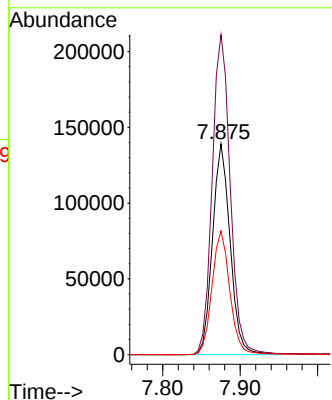
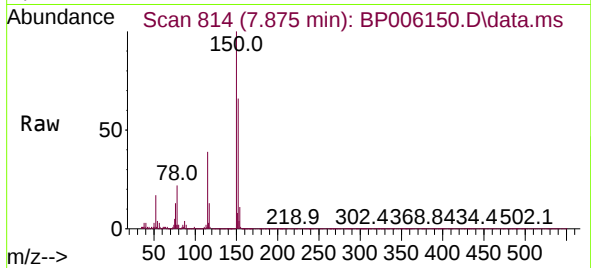




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

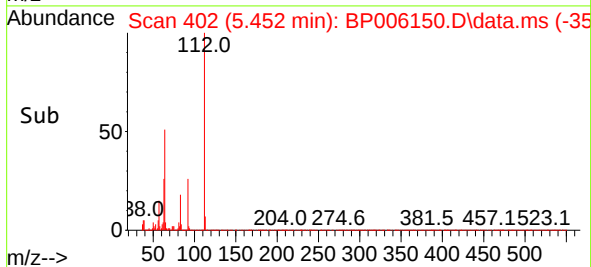
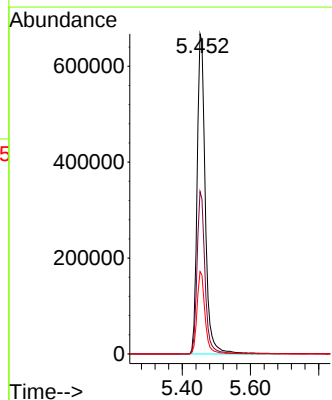
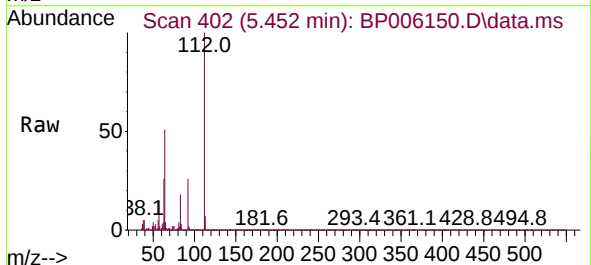
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345

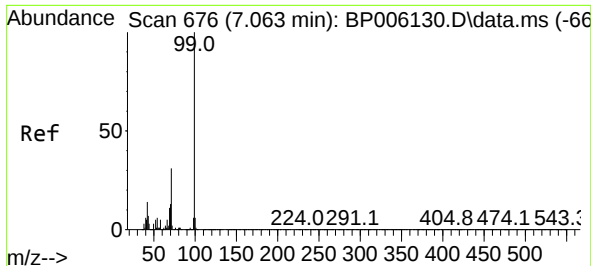
Tgt Ion:152 Resp: 220048
Ion Ratio Lower Upper
152 100
150 151.7 125.6 188.4
115 58.6 48.5 72.7



#5
2-Fluorophenol
Concen: 86.80 ng
RT: 5.452 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:112 Resp: 1110015
Ion Ratio Lower Upper
112 100
64 50.7 41.4 62.2
63 25.8 23.8 35.8



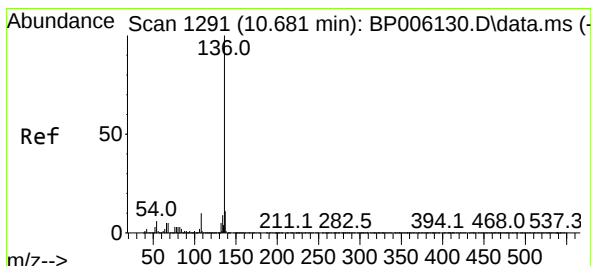
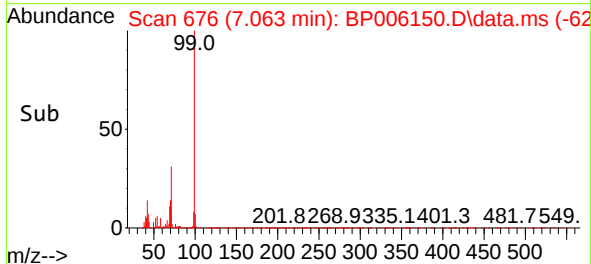
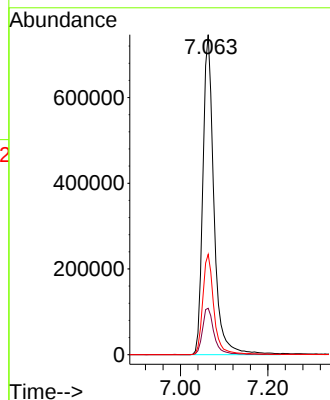
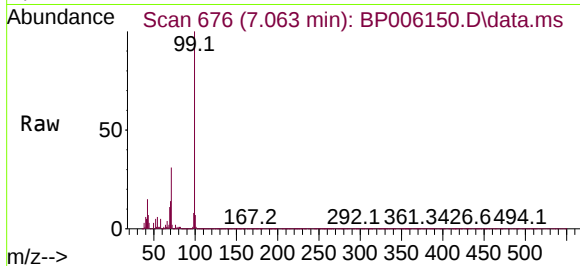


#7
Phenol-d6
Concen: 78.20 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 1322892

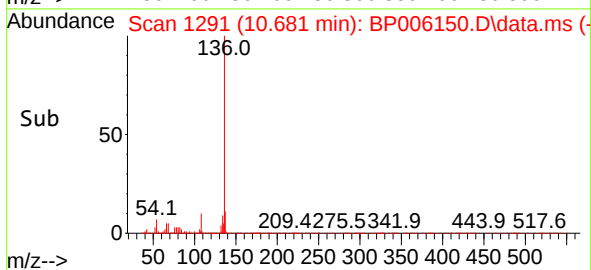
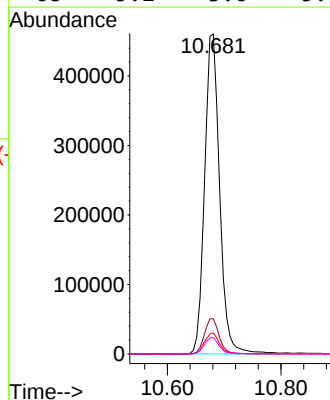
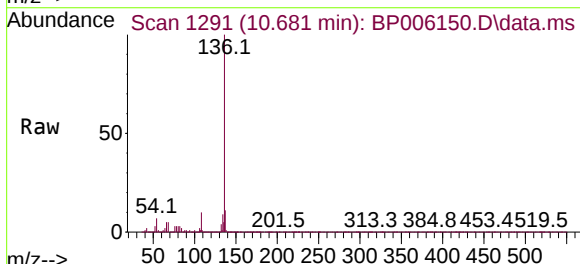
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.4	20.0
71	31.4	30.6	46.0

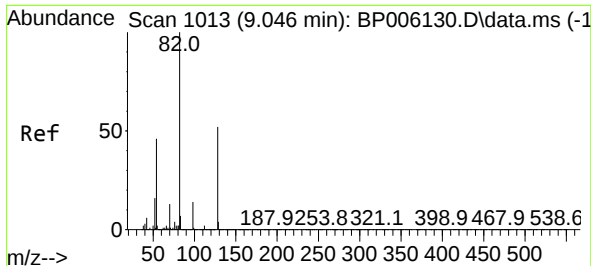


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion: 136 Resp: 843635

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.6	4.6	6.8
68	5.2	3.6	5.4

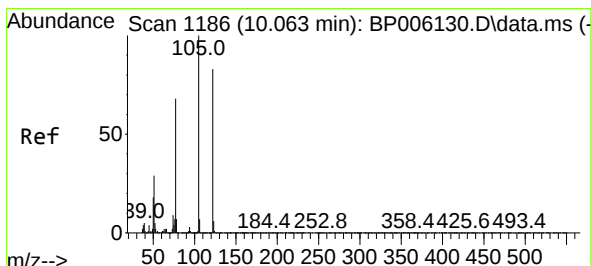
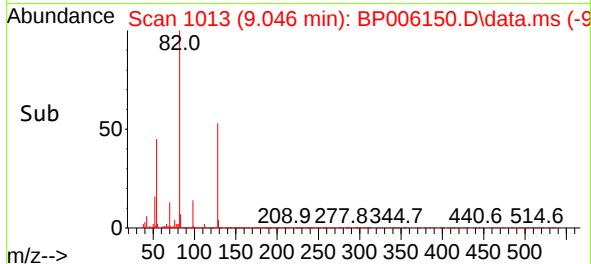
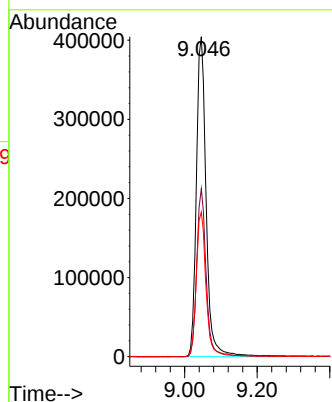
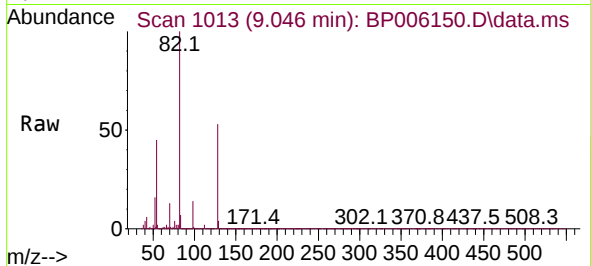




#23
Nitrobenzene-d5
Concen: 56.76 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

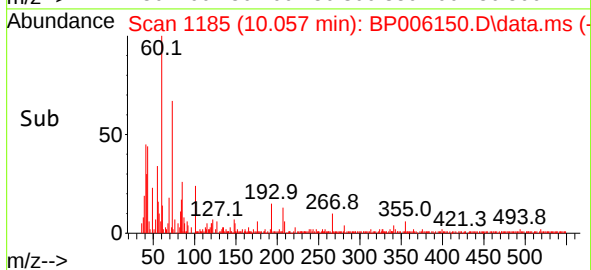
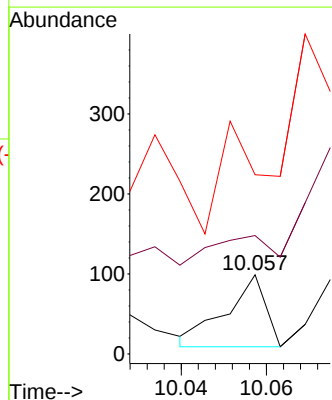
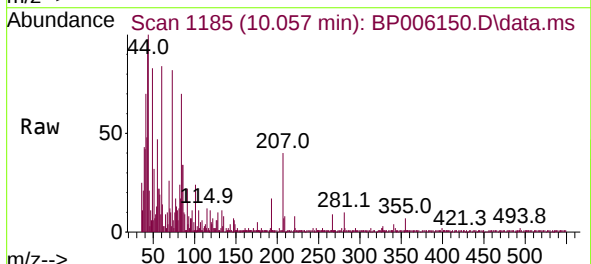
Instrument :
BNA_P
ClientSampleId :
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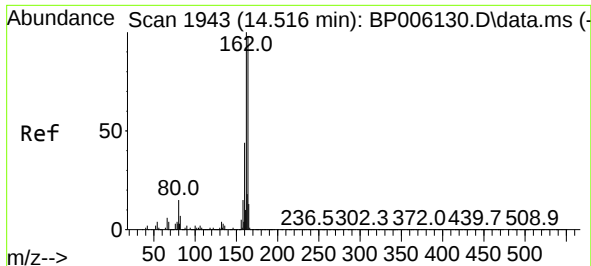
Tgt Ion: 82 Resp: 758120
Ion Ratio Lower Upper
82 100
128 52.5 35.7 53.5
54 45.2 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 172.7 103.2 143.2#
77 226.3 76.2 116.2#

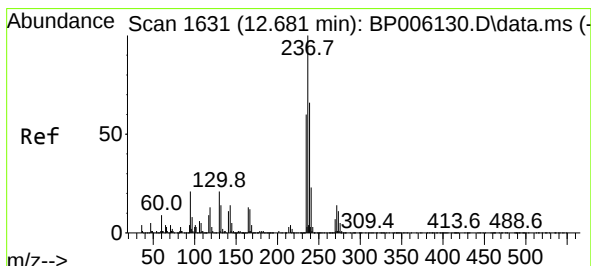
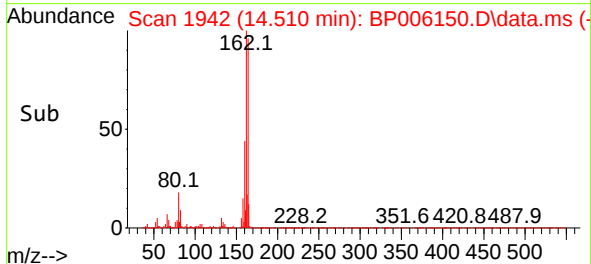
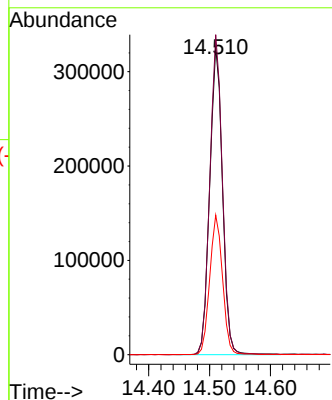
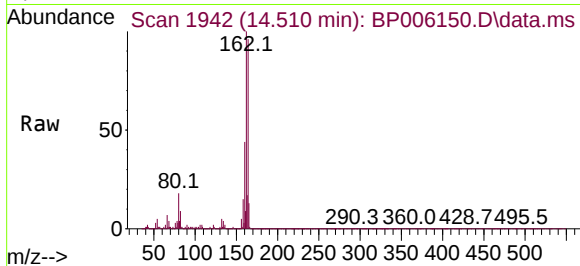




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

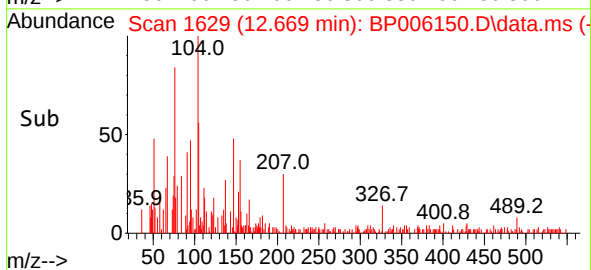
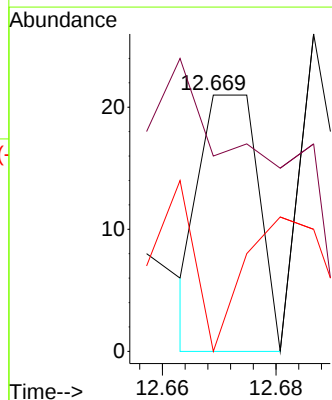
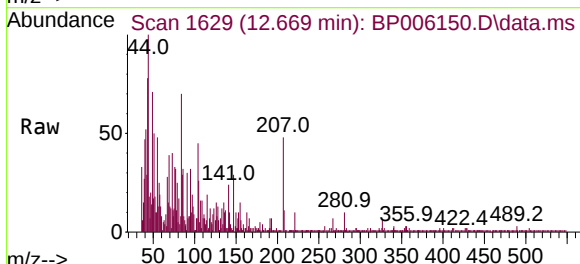
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ClientSampleId :
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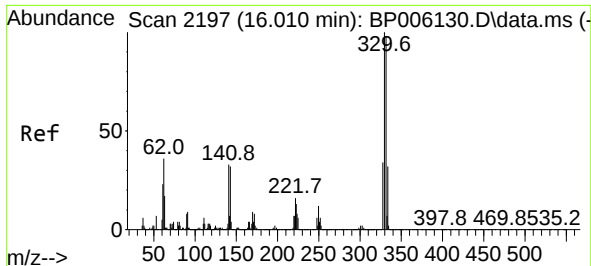
Tgt Ion:164 Resp: 473958
Ion Ratio Lower Upper
164 100
162 104.0 80.2 120.2
160 45.4 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:237 Resp: 15
Ion Ratio Lower Upper
237 100
235 76.2 44.5 84.5
272 0.0 0.0 32.5

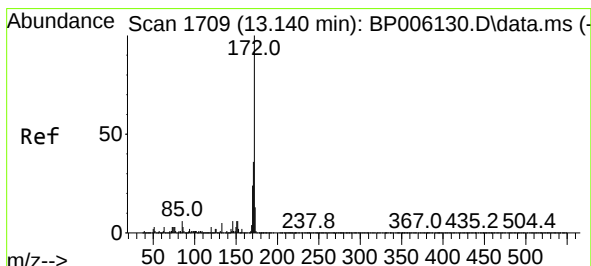
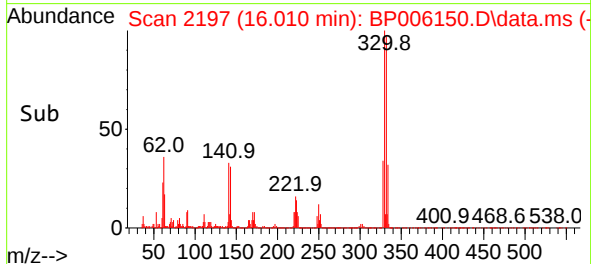
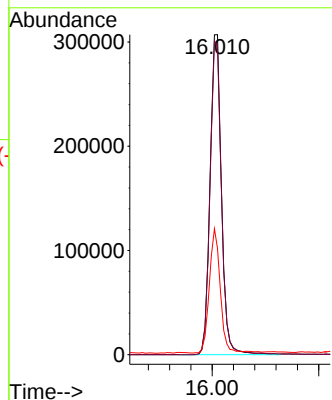
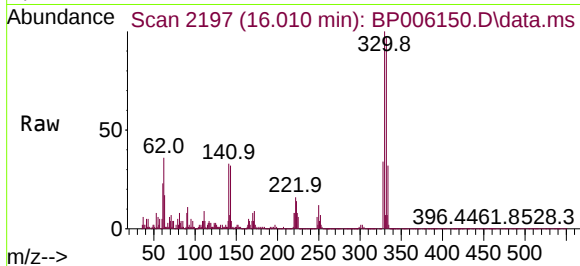




#42
2,4,6-Tribromophenol
Concen: 80.99 ng
RT: 16.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

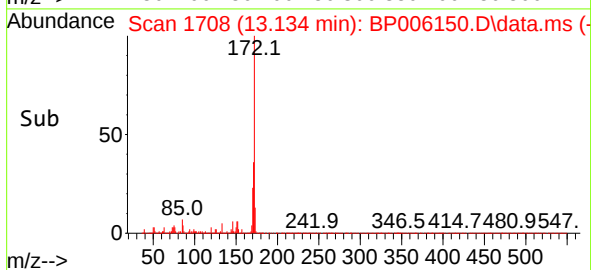
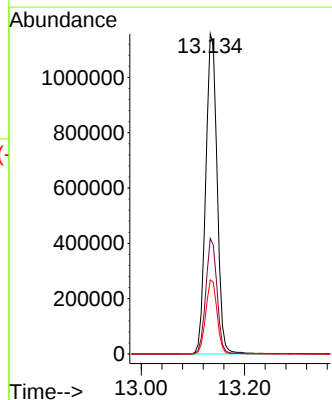
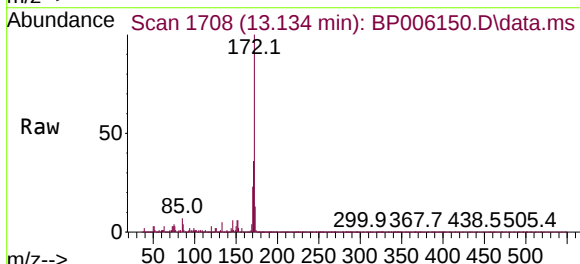
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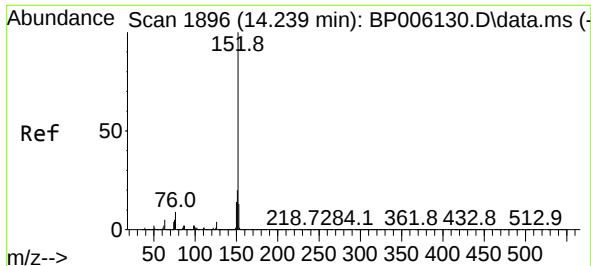
Tgt Ion:330 Resp: 456993
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 37.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 55.19 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:172 Resp: 1769329
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.2 18.6 27.8

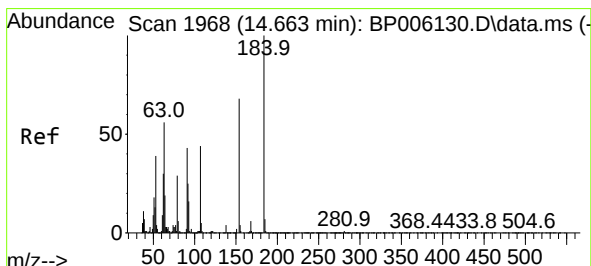
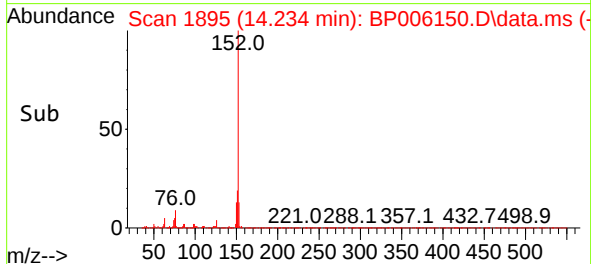
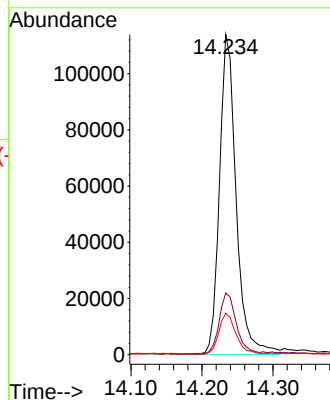
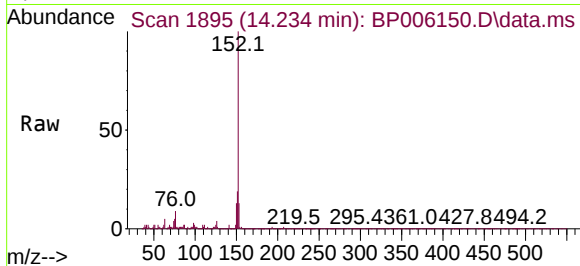




#49
Acenaphthylene
Concen: 4.19 ng
RT: 14.234 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

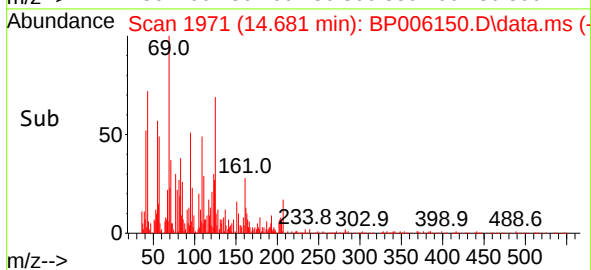
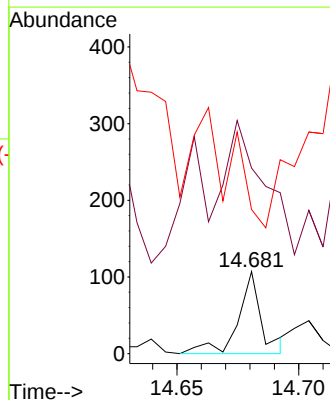
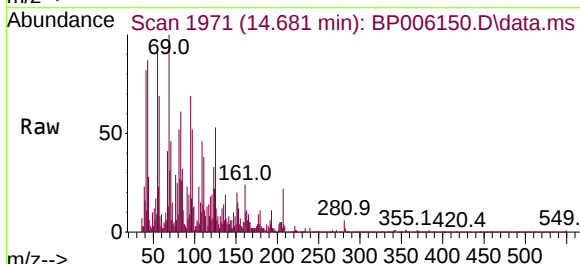
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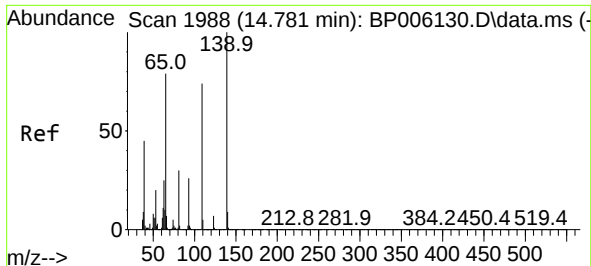
Tgt Ion:152 Resp: 184807
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.2
153 13.0 10.6 16.0



#54
2,4-Dinitrophenol
Concen: 8.90 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.018 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 226.2 47.0 70.6#
154 175.7 52.3 78.5#

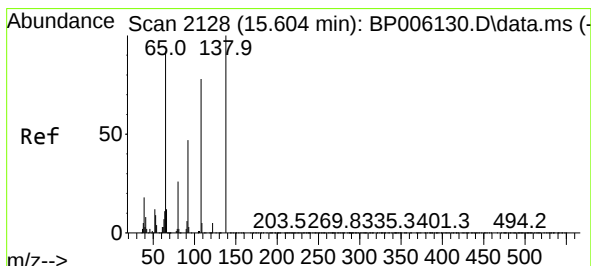
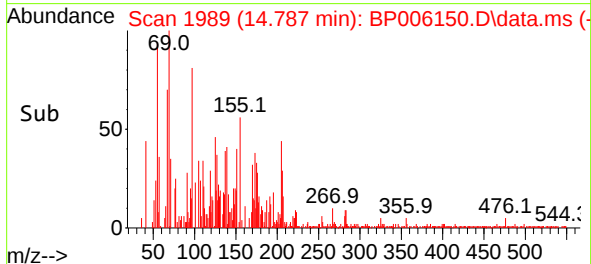
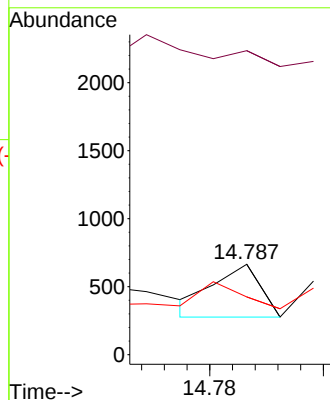
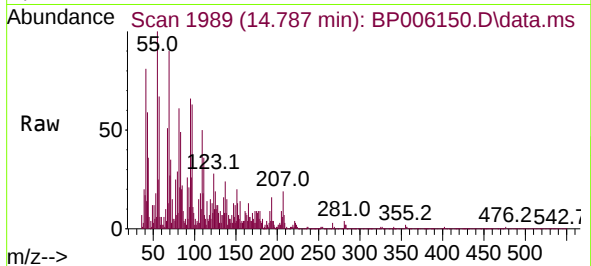




#56
4-Nitrophenol
Concen: 7.16 ng
RT: 14.787 min Scan# 1989
Delta R.T. 0.005 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

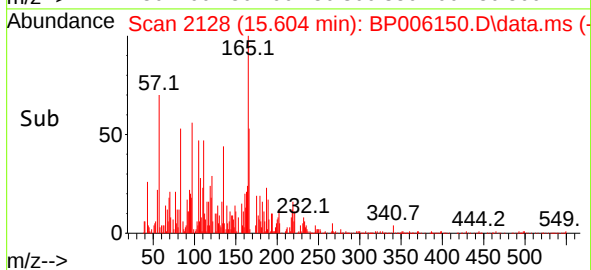
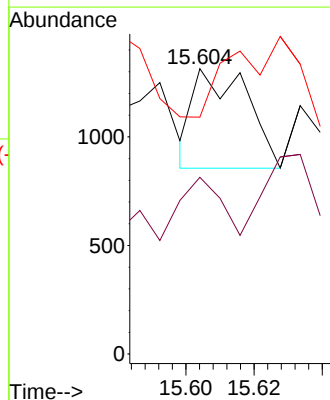
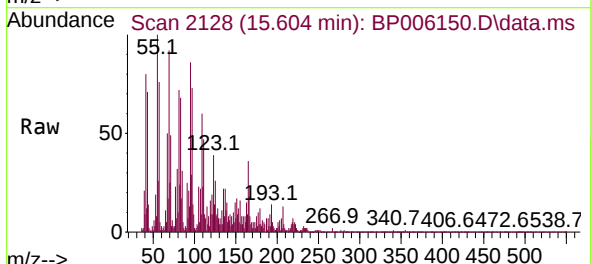
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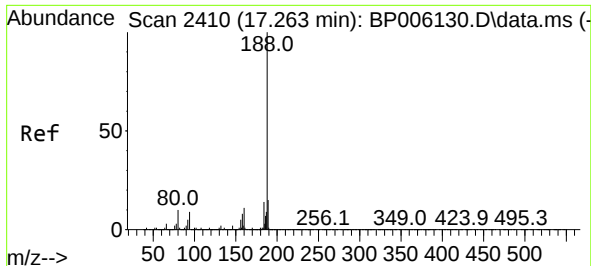
Tgt Ion:139 Resp: 221
Ion Ratio Lower Upper
139 100
109 336.6 72.3 112.3#
65 63.9 72.5 112.5#



#62
4-Nitroaniline
Concen: 3.02 ng
RT: 15.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:138 Resp: 501
Ion Ratio Lower Upper
138 100
92 61.9 31.2 71.2
108 83.0 78.6 118.6

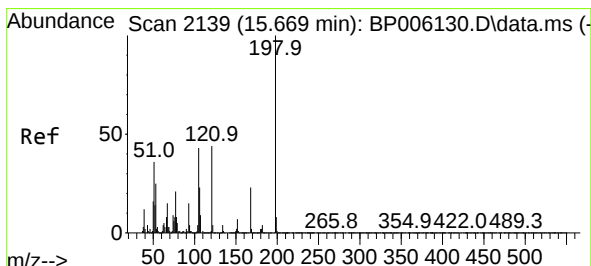
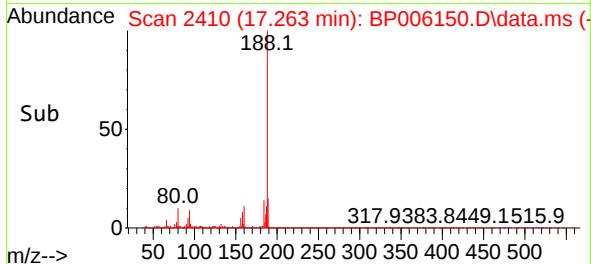
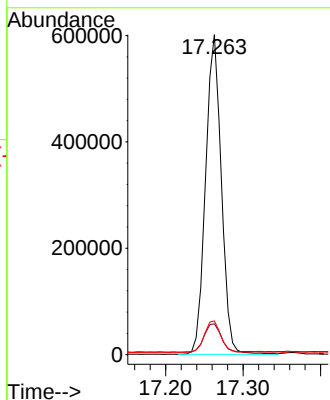
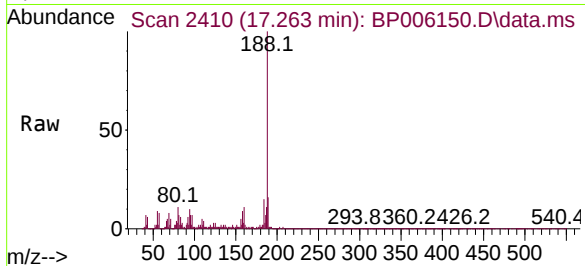




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

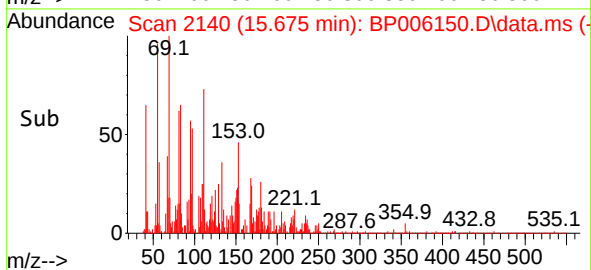
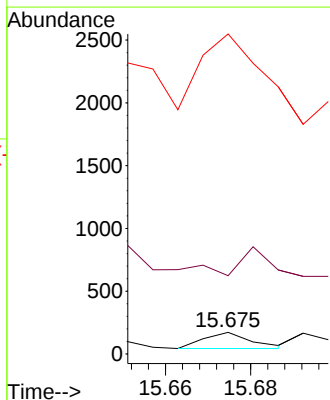
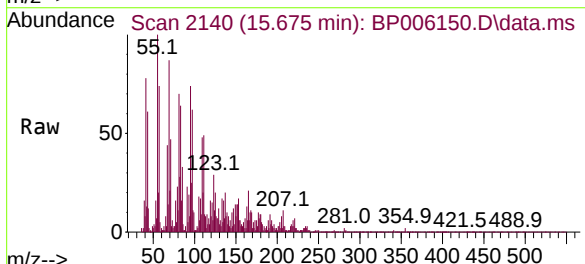
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345

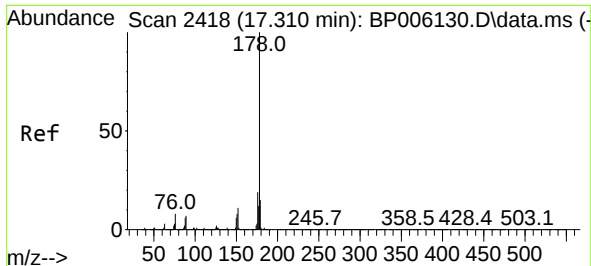
Tgt Ion:188 Resp: 849832
Ion Ratio Lower Upper
188 100
94 9.7 5.6 8.4#
80 10.6 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.44 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:198 Resp: 100
Ion Ratio Lower Upper
198 100
51 360.1 14.0 54.0#
105 1473.4 19.5 59.5#

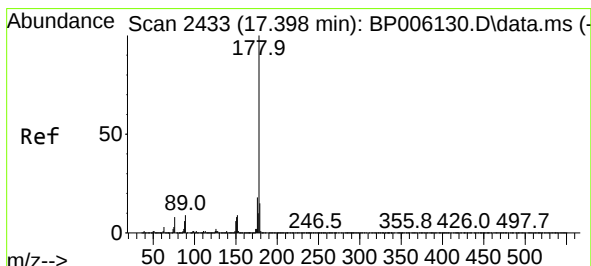
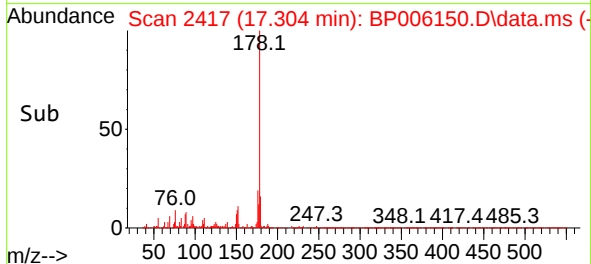
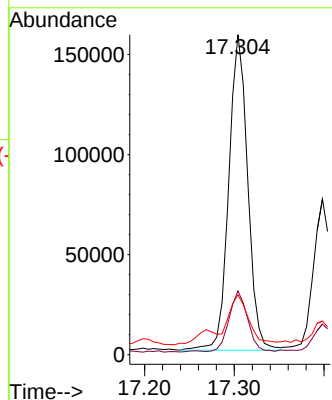
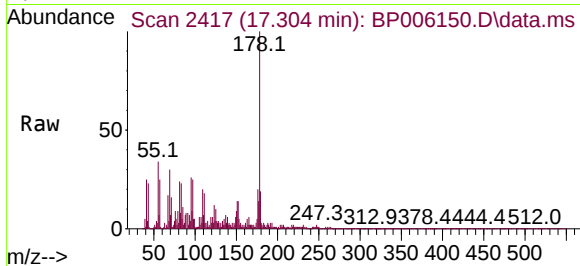




#71
Phenanthrene
Concen: 4.81 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

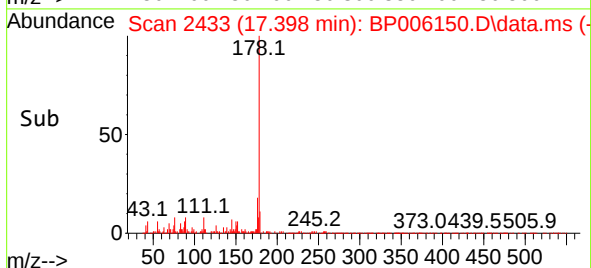
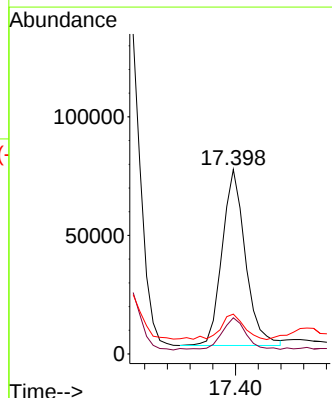
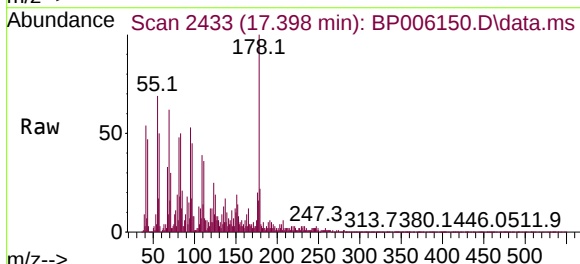
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345

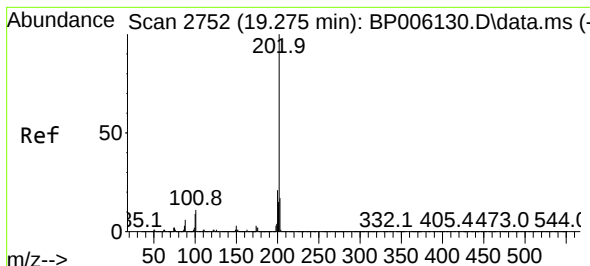
Tgt Ion:178 Resp: 231039
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 18.7 12.4 18.6#



#72
Anthracene
Concen: 2.24 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:178 Resp: 105507
Ion Ratio Lower Upper
178 100
176 19.6 14.9 22.3
179 21.6 12.2 18.2#

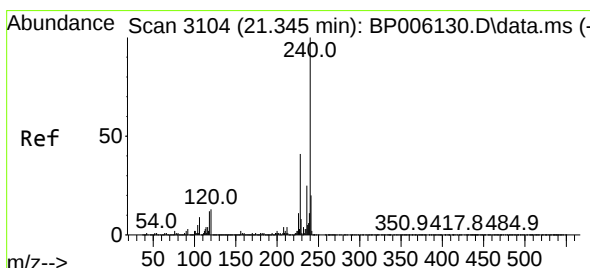
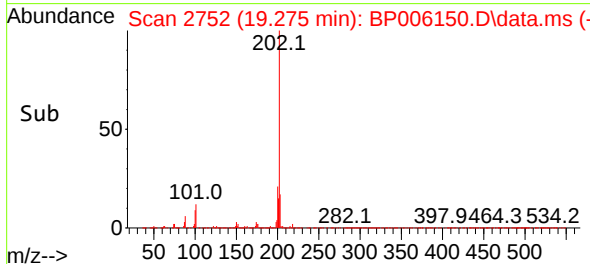
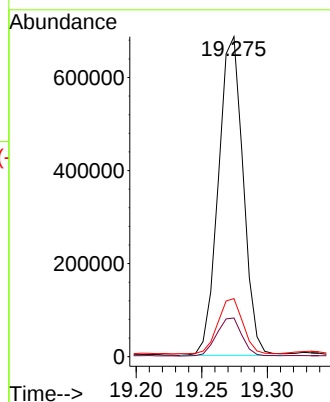
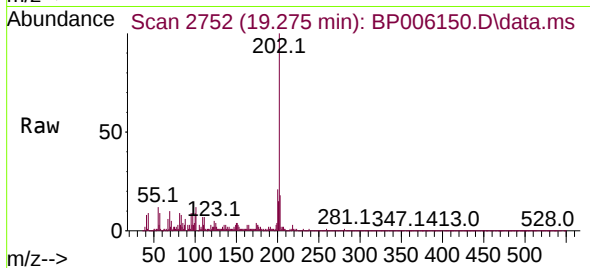




#75
Fluoranthene
Concen: 17.12 ng
RT: 19.275 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

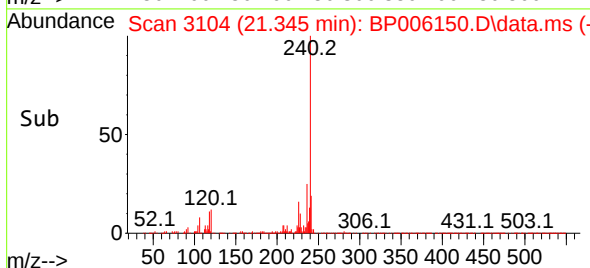
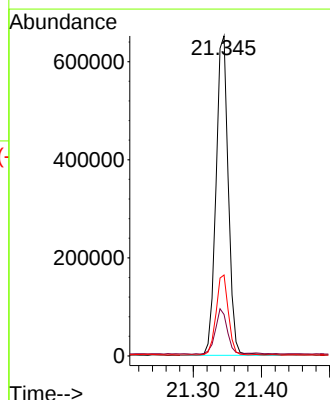
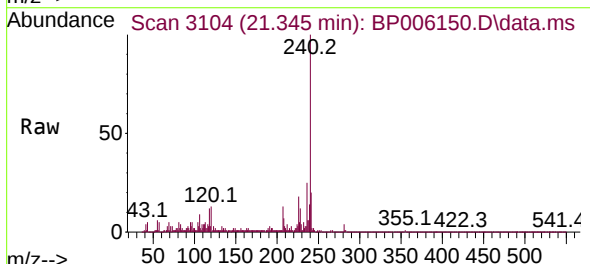
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345

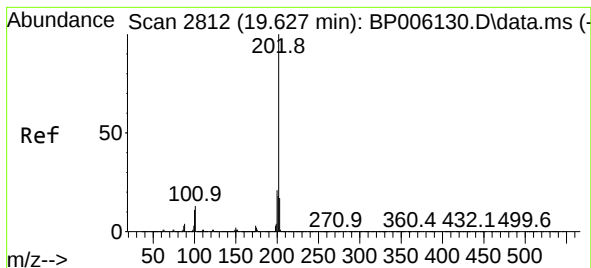
Tgt Ion:202 Resp: 900631
Ion Ratio Lower Upper
202 100
101 12.1 0.0 27.6
203 18.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:240 Resp: 816138
Ion Ratio Lower Upper
240 100
120 13.0 6.5 9.7#
236 25.3 20.6 31.0





#78

Pyrene

Concen: 25.11 ng

RT: 19.622 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP006150.D

Acq: 08 Jul 2021 20:59

Instrument :

BNA_P

ClientSampleId :

RO-ETGI-345

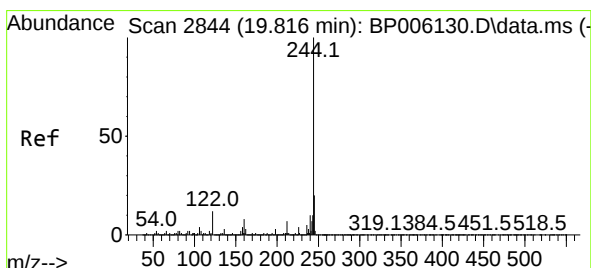
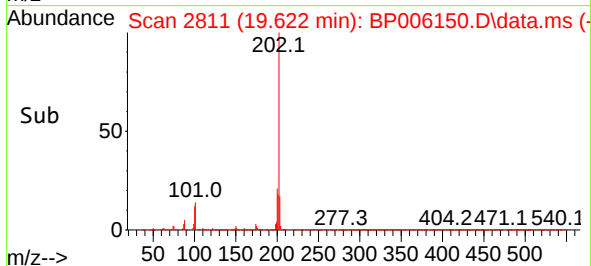
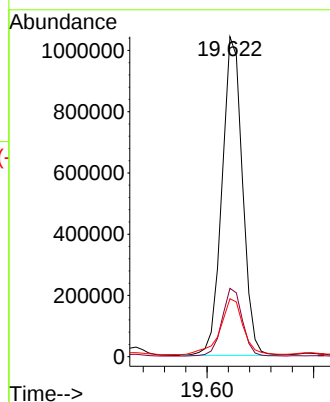
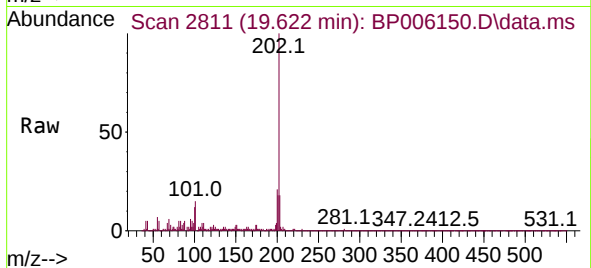
Tgt Ion:202 Resp: 1385409

Ion Ratio Lower Upper

202 100

200 21.3 16.3 24.5

203 18.1 14.2 21.2



#79

Terphenyl-d14

Concen: 51.38 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BP006150.D

Acq: 08 Jul 2021 20:59

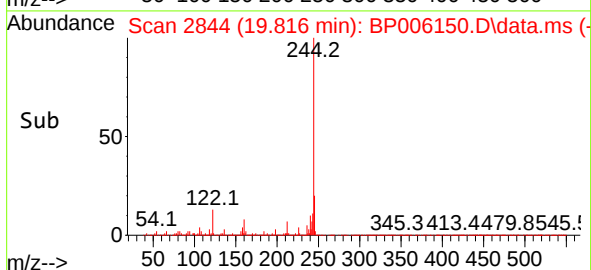
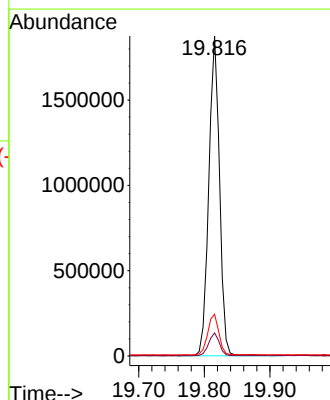
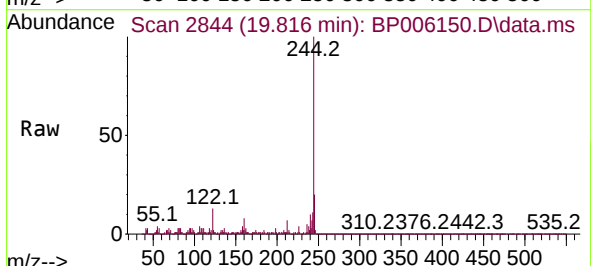
Tgt Ion:244 Resp: 2127029

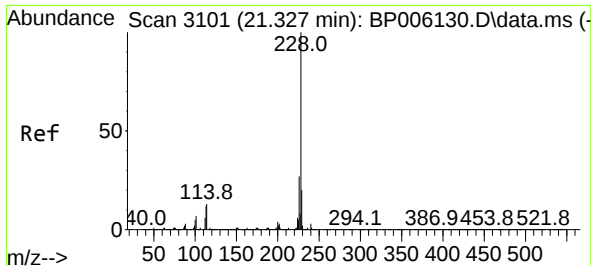
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 13.1 7.1 10.7#

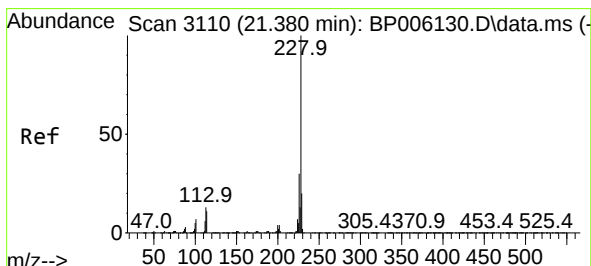
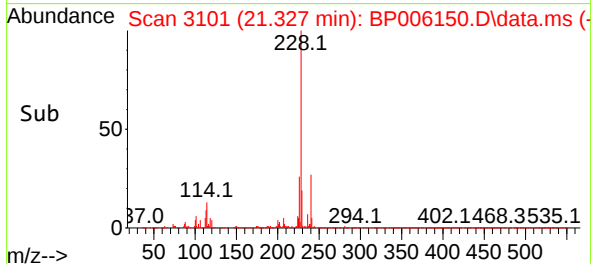
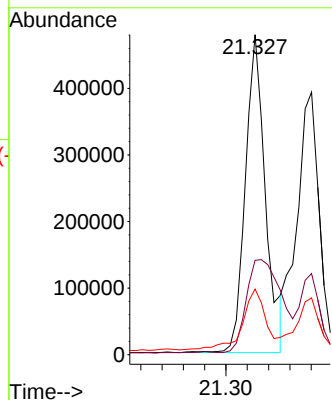
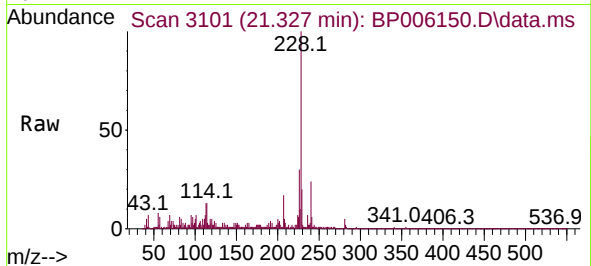




#81
Benzo(a)anthracene
Concen: 12.08 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

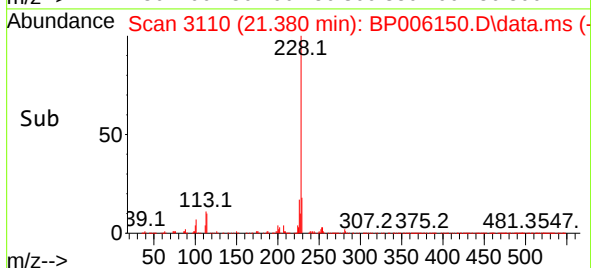
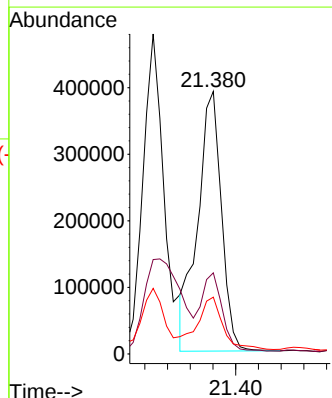
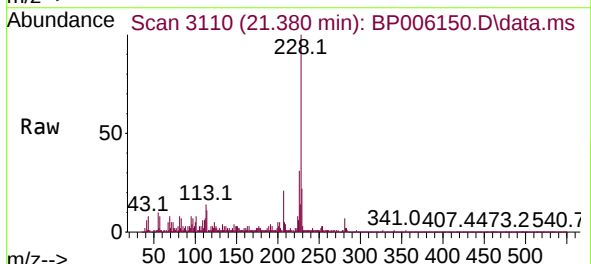
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345

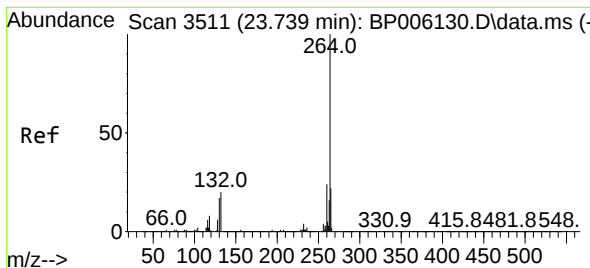
Tgt Ion:228 Resp: 623702
Ion Ratio Lower Upper
228 100
226 29.5 21.6 32.4
229 20.5 15.8 23.6



#83
Chrysene
Concen: 11.14 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:228 Resp: 568024
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 21.7 15.4 23.2

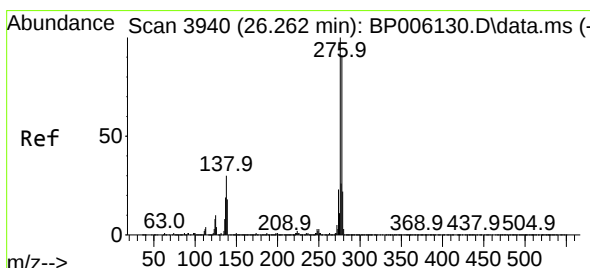
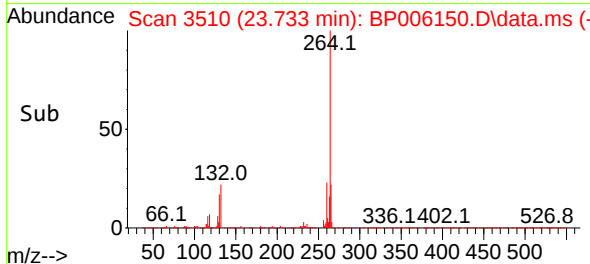
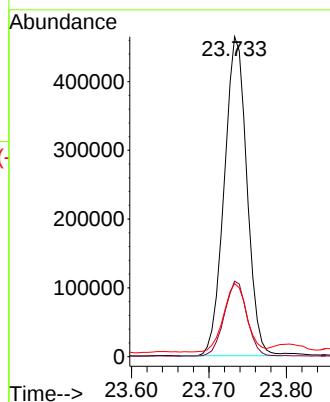
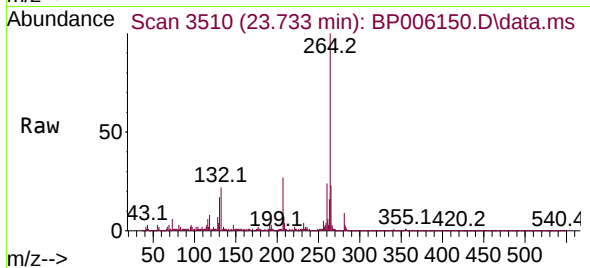




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

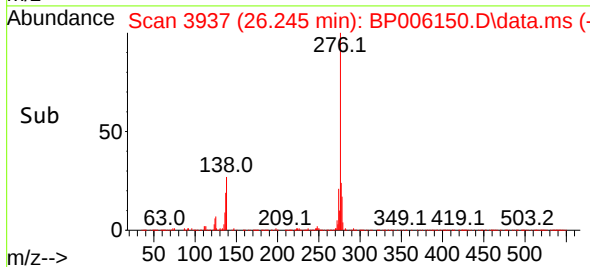
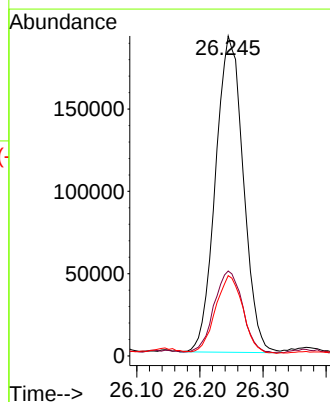
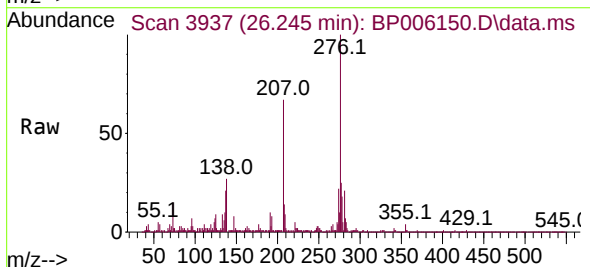
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345

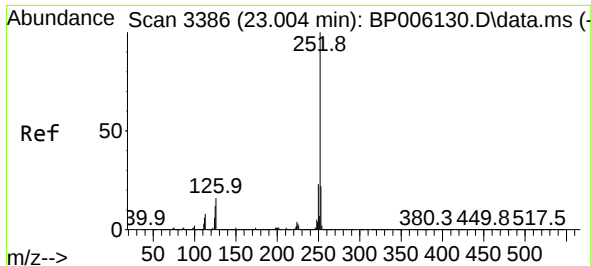
Tgt Ion:264 Resp: 943105
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.8 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.45 ng
RT: 26.245 min Scan# 3937
Delta R.T. -0.018 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:276 Resp: 587284
Ion Ratio Lower Upper
276 100
138 26.1 15.3 22.9#
277 24.3 20.4 30.6

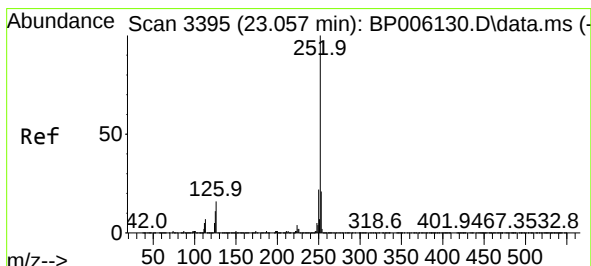
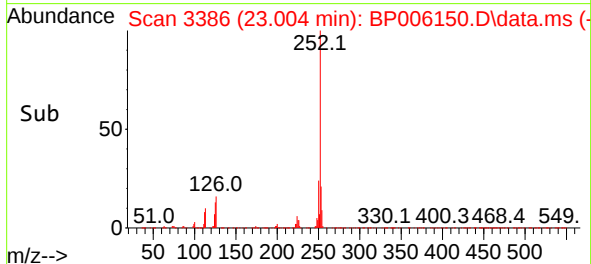
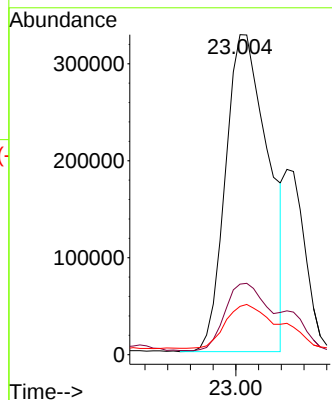
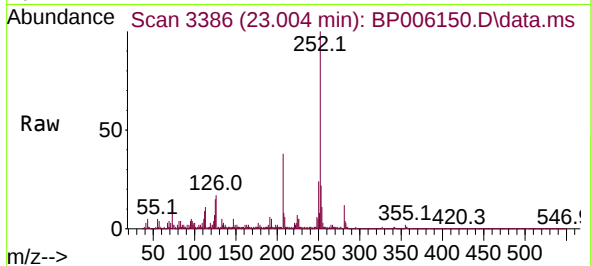




#88
Benzo(b)fluoranthene
Concen: 14.96 ng
RT: 23.004 min Scan# 3386
Delta R.T. 0.000 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

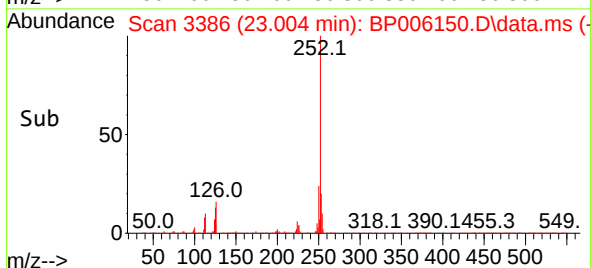
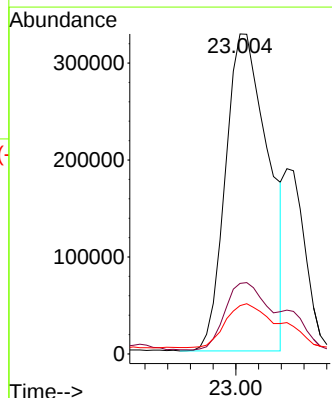
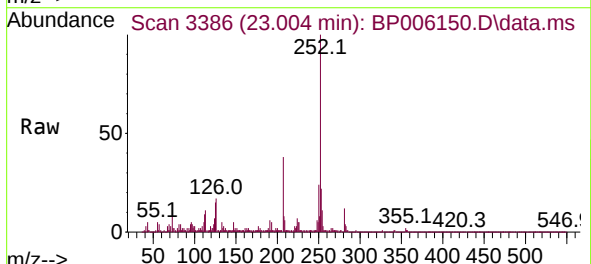
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345

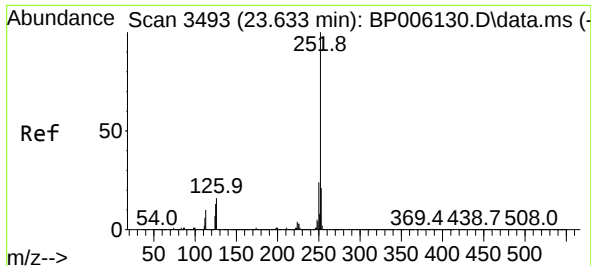
Tgt Ion:252 Resp: 856018
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.1 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 15.31 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.053 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Tgt Ion:252 Resp: 856018
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 15.1 6.0 9.0#

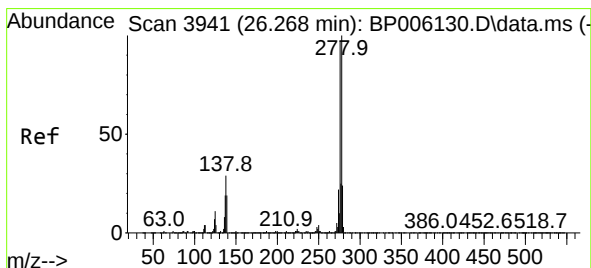
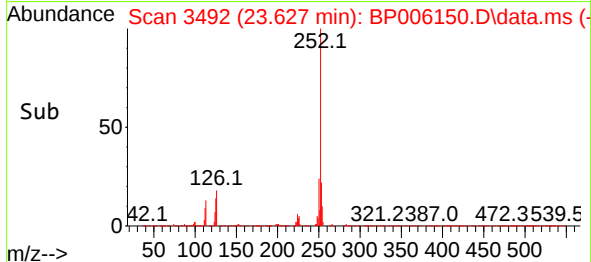
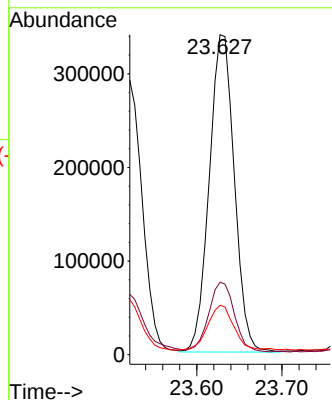
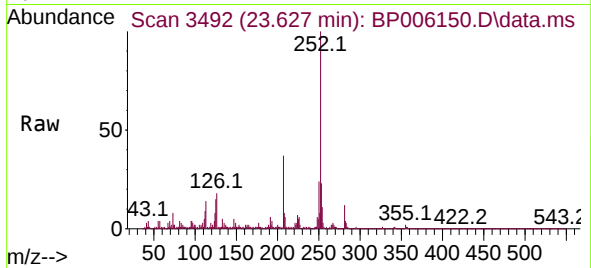




#90
Benzo(a)pyrene
Concen: 12.95 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

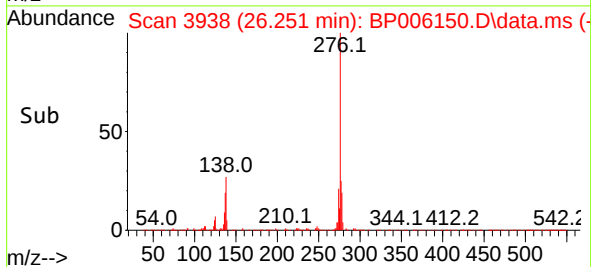
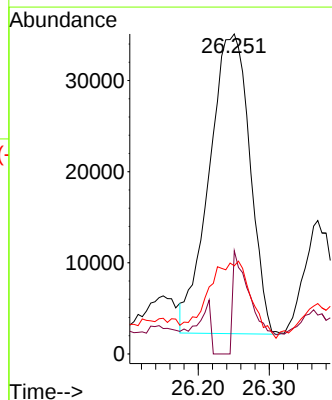
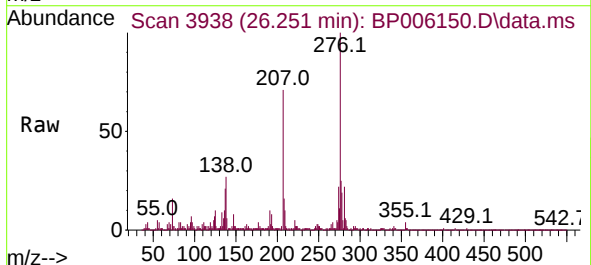
Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345

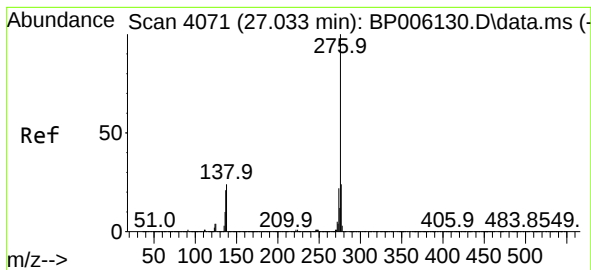
Tgt Ion:252 Resp: 695247
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 15.5 6.5 9.7#



#91
Dibenzo(a,h)anthracene
Concen: 2.18 ng
RT: 26.251 min Scan# 3938
Delta R.T. -0.018 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

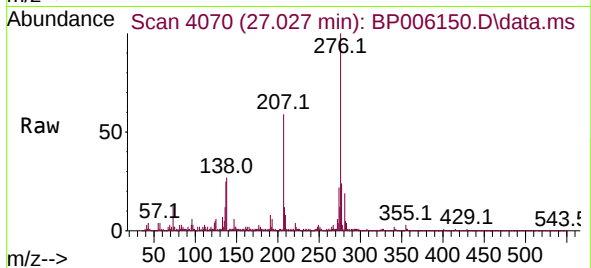
Tgt Ion:278 Resp: 130361
Ion Ratio Lower Upper
278 100
139 32.3 9.3 13.9#
279 27.5 18.8 28.2





#92
Benzo(g,h,i)perylene
Concen: 13.22 ng
RT: 27.027 min Scan# 4070
Delta R.T. -0.006 min
Lab File: BP006150.D
Acq: 08 Jul 2021 20:59

Instrument :
BNA_P
ClientSampleId :
RO-ETGI-345



Tgt Ion:276 Resp: 778682
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 27.1 12.6 18.8#

