

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005243.D
 Acq On : 08 Apr 2021 19:15
 Operator : CG/JU
 Sample : M1972-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ETGI-371

Quant Time: Apr 09 00:45:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

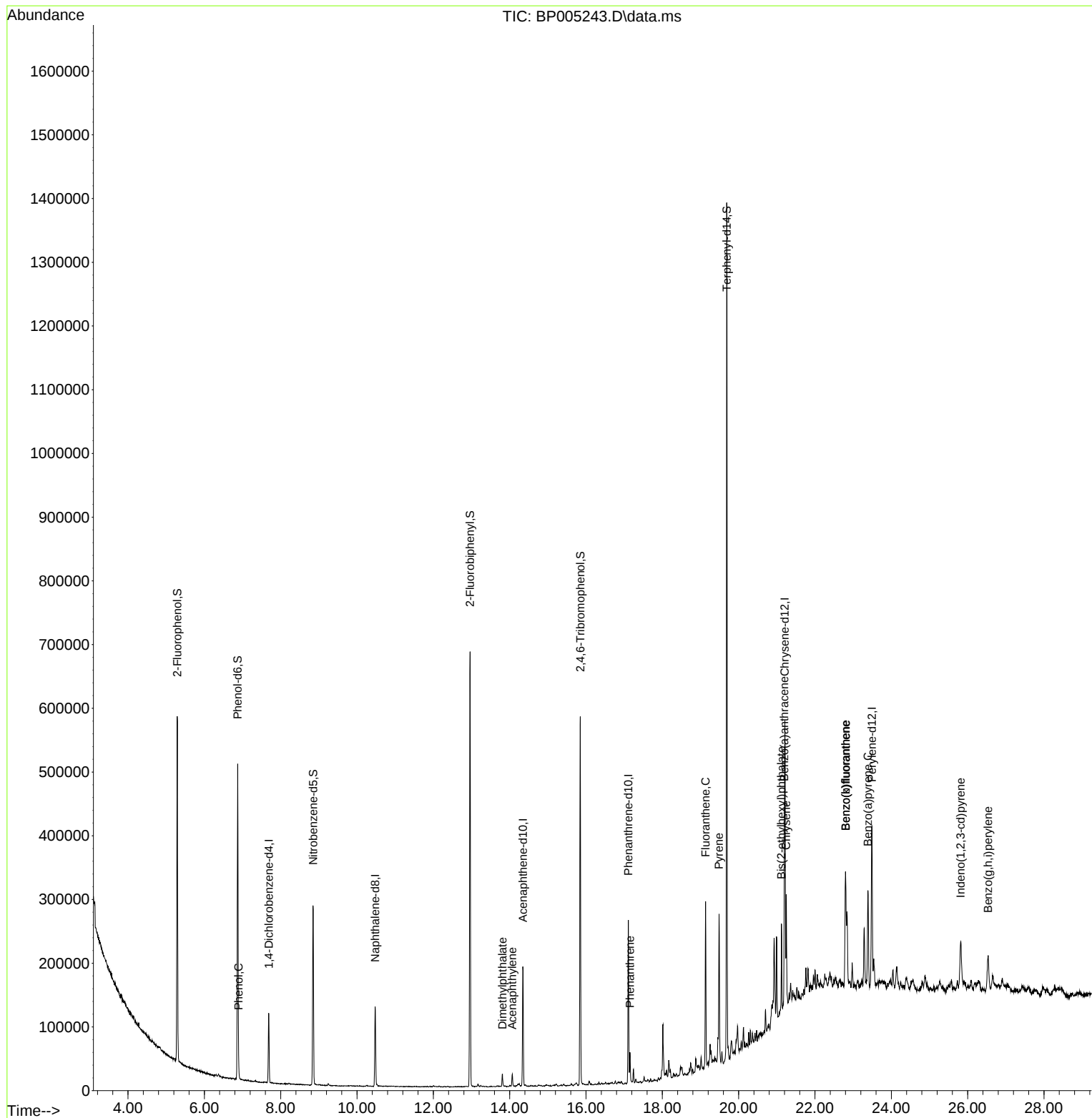
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	26315	20.00	ng	# 0.00
21) Naphthalene-d8	10.475	136	96391	20.00	ng	#-0.01
39) Acenaphthene-d10	14.345	164	62102	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	136259	20.00	ng	# 0.00
76) Chrysene-d12	21.209	240	172108	20.00	ng	0.00
86) Perylene-d12	23.492	264	186402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	231253	135.24	ng	0.00
7) Phenol-d6	6.875	99	276545	112.91	ng	0.00
23) Nitrobenzene-d5	8.851	82	179250	79.79	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	113665	140.48	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	331428	72.19	ng	0.00
79) Terphenyl-d14	19.686	244	609883	64.51	ng	0.00
Target Compounds						
10) Phenol	6.898	94	6536	2.60	ng	# 66
49) Acenaphthylene	14.069	152	13670	2.28	ng	98
50) Dimethylphthalate	13.810	163	10258	2.14	ng	# 98
71) Phenanthrene	17.151	178	25752	3.26	ng	98
75) Fluoranthene	19.133	202	137631	14.81	ng	99
78) Pyrene	19.486	202	137123	11.59	ng	98
81) Benzo(a)anthracene	21.198	228	100185	8.57	ng	97
83) Chrysene	21.245	228	101017	8.80	ng	97
84) Bis(2-ethylhexyl)phtha...	21.121	149	43581	6.77	ng	# 98
87) Indeno(1,2,3-cd)pyrene	25.815	276	78403	5.61	ng	# 92
88) Benzo(b)fluoranthene	22.803	252	165022	12.47	ng	99
89) Benzo(k)fluoranthene	22.803	252	165022	13.01	ng	100
90) Benzo(a)pyrene	23.386	252	110557	9.31	ng	96
92) Benzo(g,h,i)perylene	26.533	276	72870	6.25	ng	96

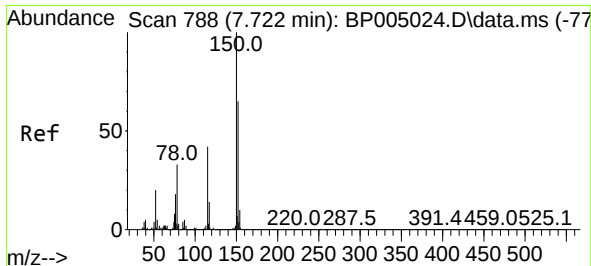
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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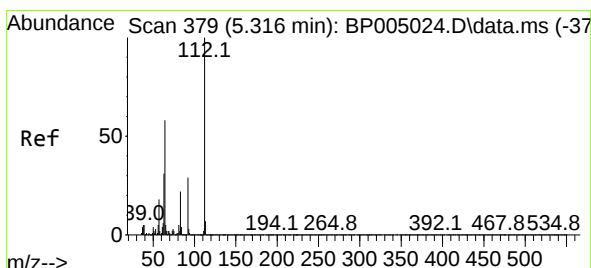
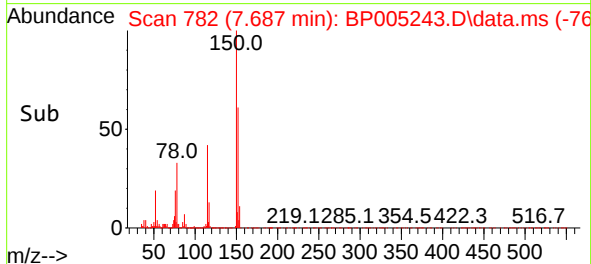
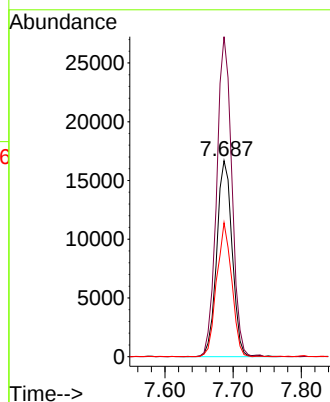
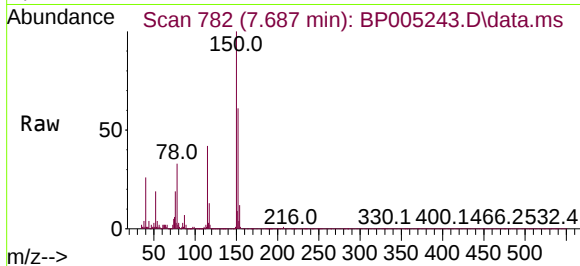




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

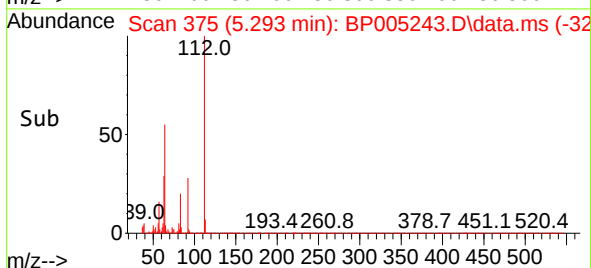
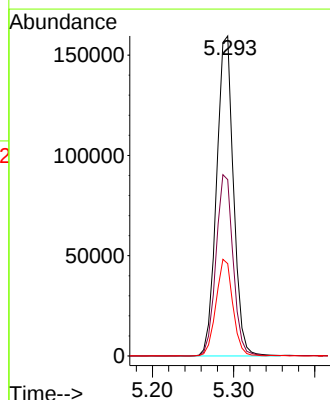
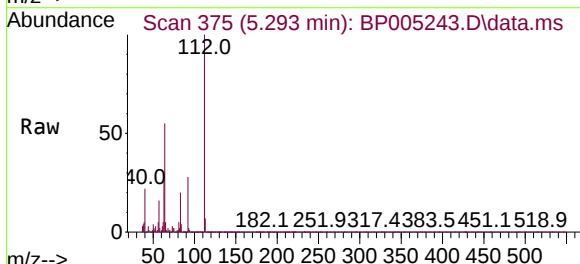
Instrument :
BNA_P
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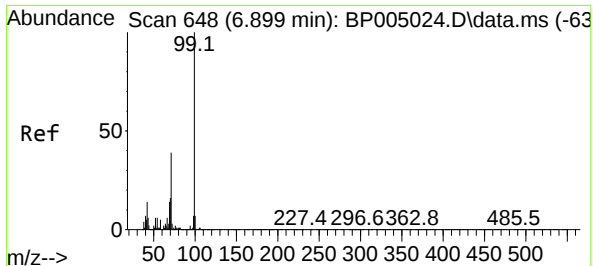
Tgt Ion:152 Resp: 26315
Ion Ratio Lower Upper
152 100
150 163.3 123.8 185.6
115 68.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 135.24 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.000 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:112 Resp: 231253
Ion Ratio Lower Upper
112 100
64 55.1 32.8 49.2#
63 28.9 17.0 25.4#

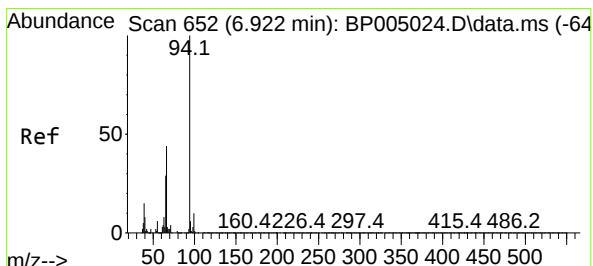
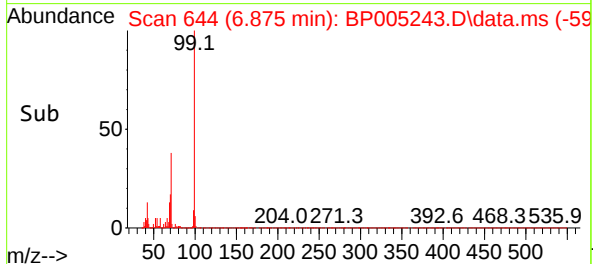
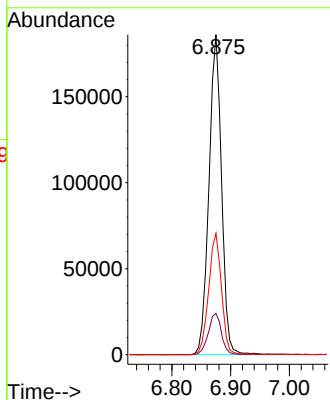
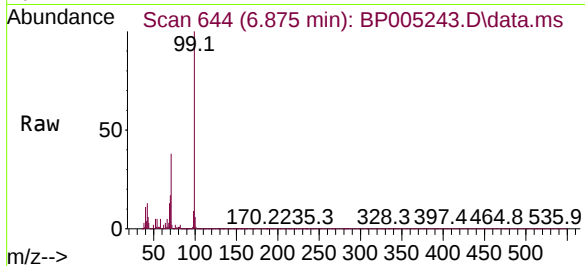




#7
Phenol-d6
Concen: 112.91 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

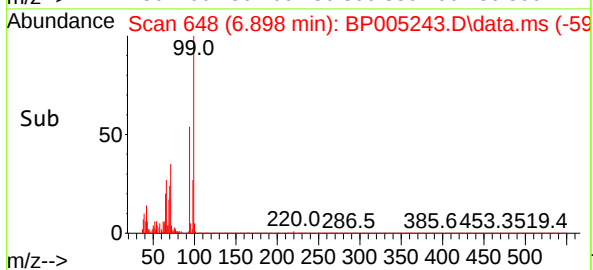
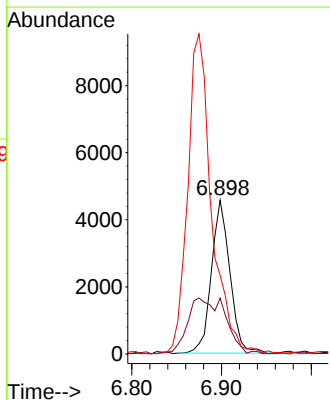
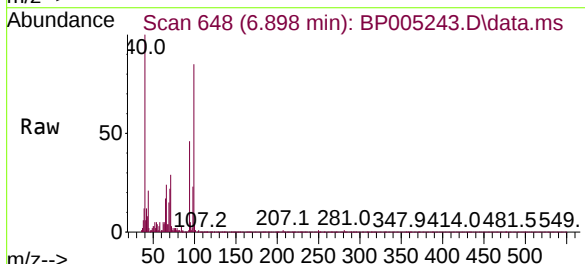
Instrument :
BNA_P
ClientSampleId :
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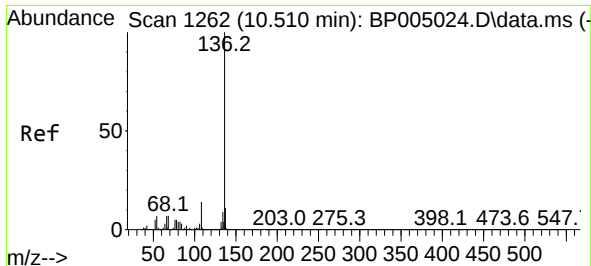
Tgt Ion: 99 Resp: 276545
Ion Ratio Lower Upper
99 100
42 12.9 8.6 13.0
71 37.9 23.4 35.2#



#10
Phenol
Concen: 2.60 ng
RT: 6.898 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion: 94 Resp: 6536
Ion Ratio Lower Upper
94 100
65 36.4 2.3 42.3
66 51.1 10.9 50.9#

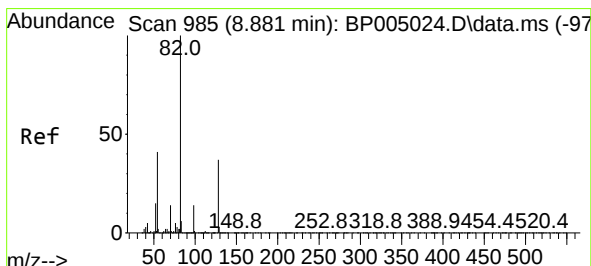
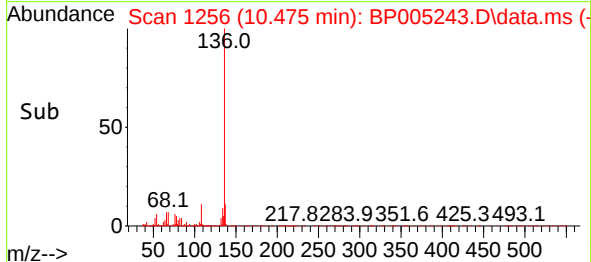
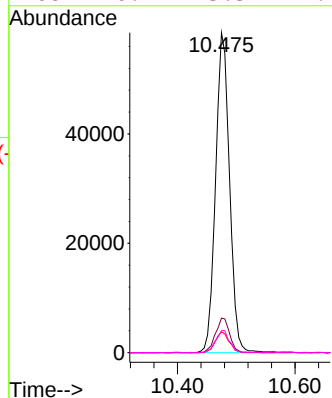
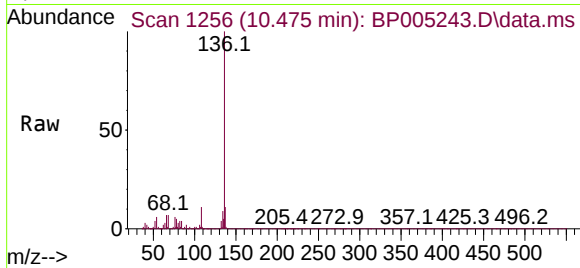




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

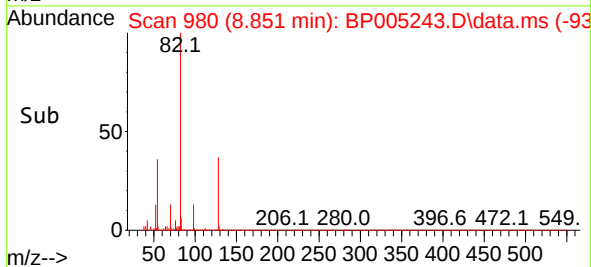
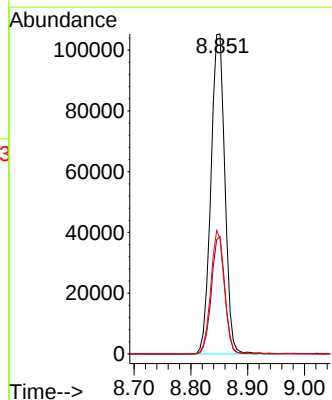
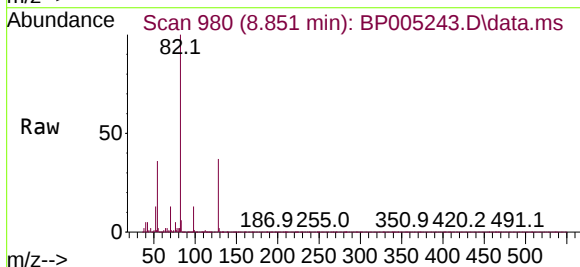
Instrument :
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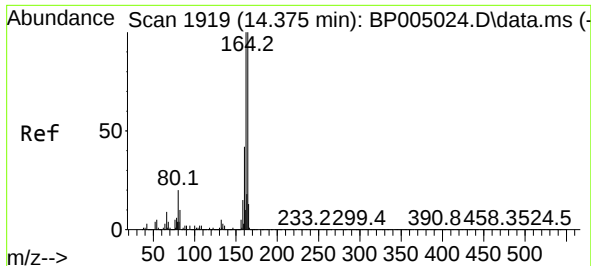
Tgt Ion:	136	Resp:	96391
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.5	3.6	5.4#
68	6.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 79.79 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:	82	Resp:	179250
Ion Ratio	Lower	Upper	
82	100		
128	36.7	45.6	68.4#
54	36.0	30.1	45.1

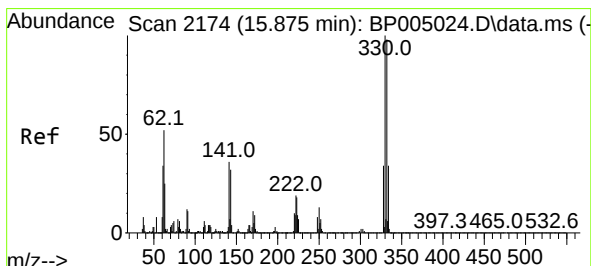
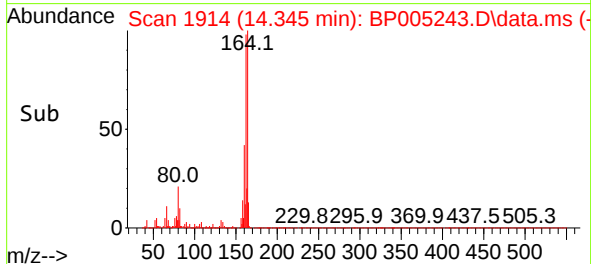
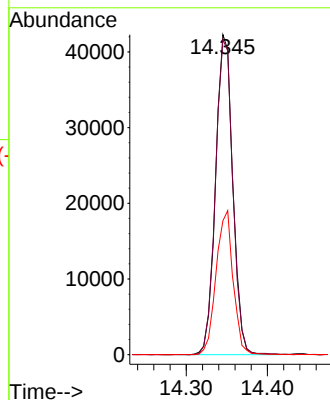
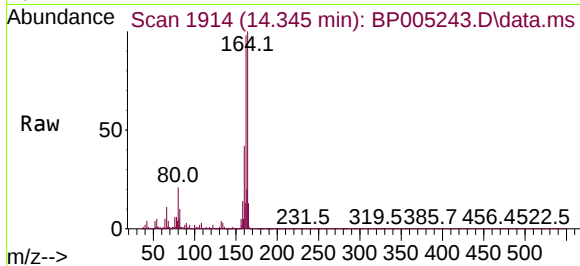




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

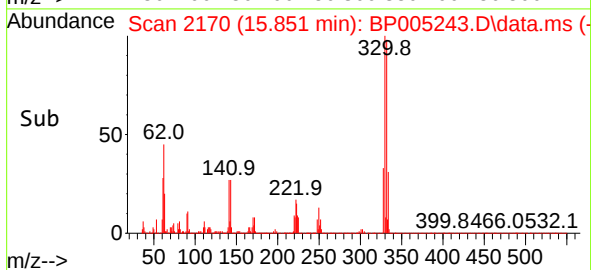
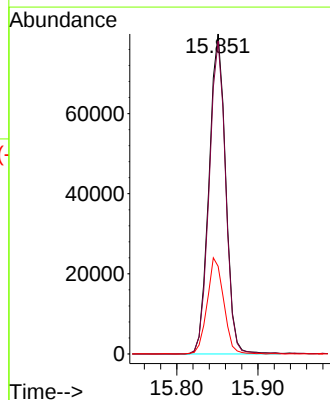
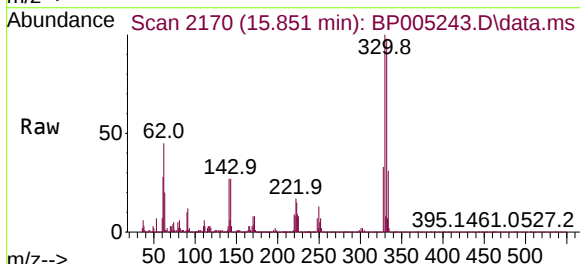
Instrument :
BNA_P
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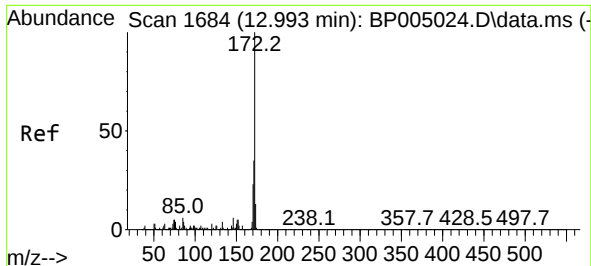
Tgt Ion:164 Resp: 62102
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.2
160 41.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 140.48 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:330 Resp: 113665
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.8 23.4 35.2

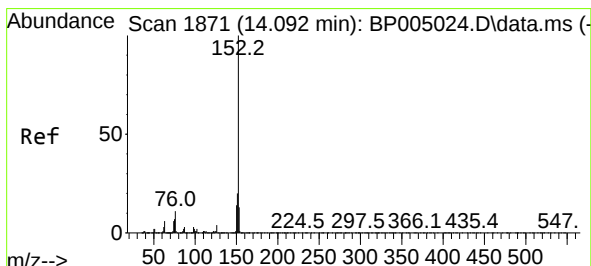
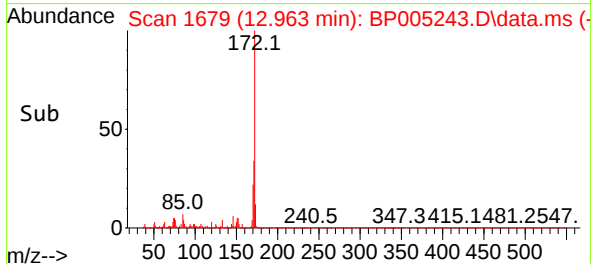
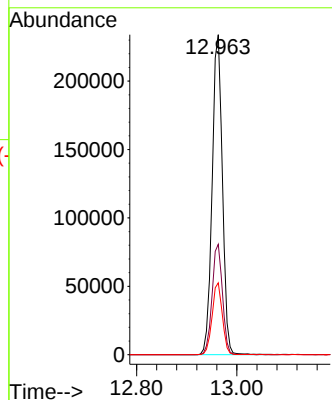
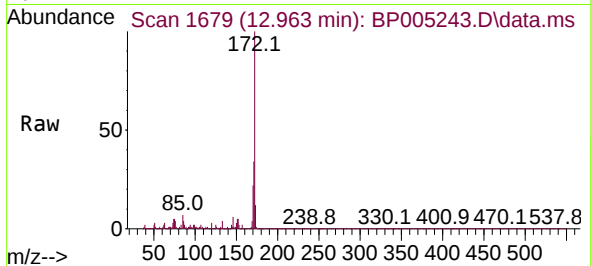




#45
2-Fluorobiphenyl
Concen: 72.19 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

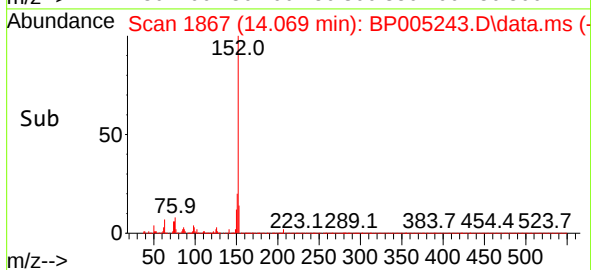
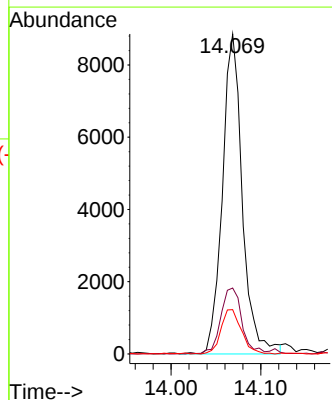
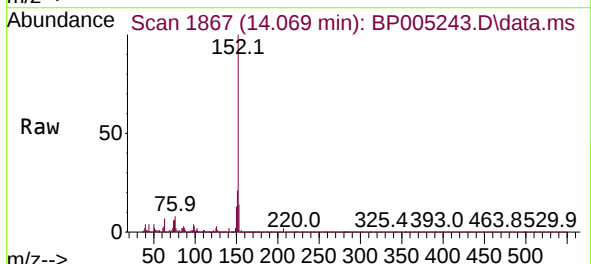
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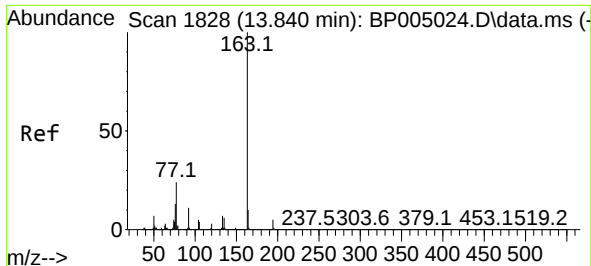
Tgt Ion:172 Resp: 331428
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.5 19.2 28.8



#49
Acenaphthylene
Concen: 2.28 ng
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:152 Resp: 13670
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.8 10.5 15.7

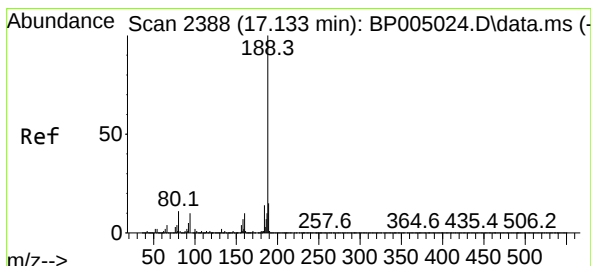
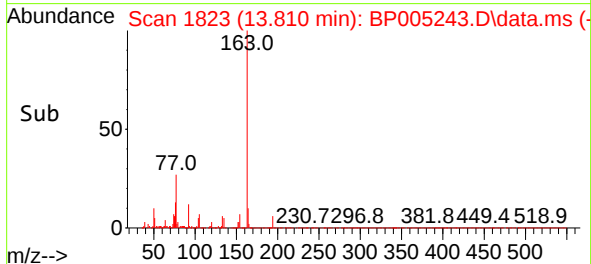
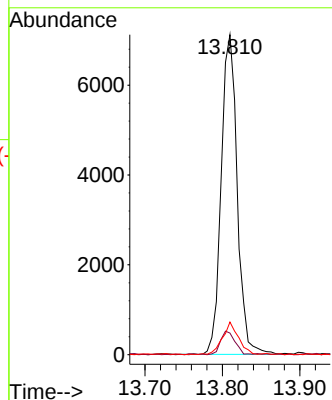
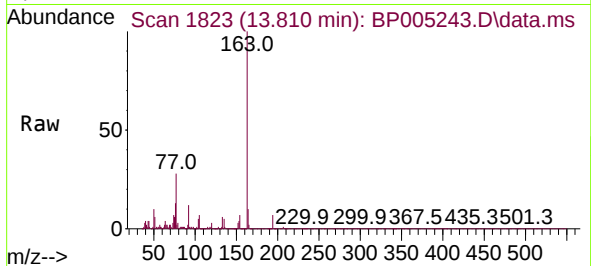




#50
Dimethylphthalate
Concen: 2.14 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

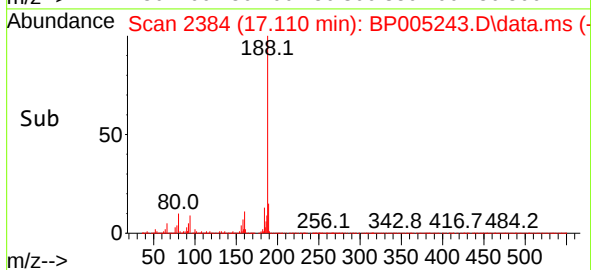
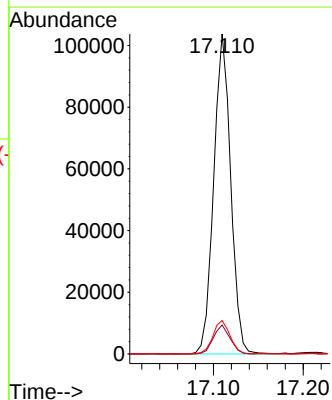
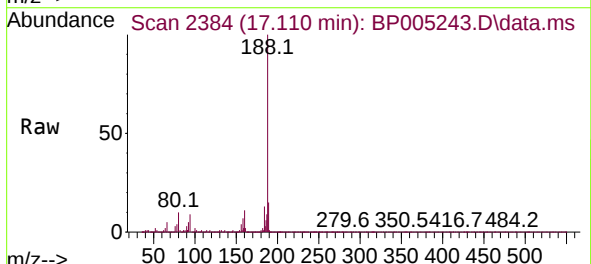
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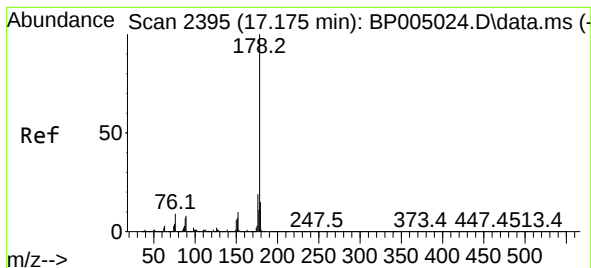
Tgt Ion:163 Resp: 10258
Ion Ratio Lower Upper
163 100
194 6.7 3.3 4.9#
164 10.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:188 Resp: 136259
Ion Ratio Lower Upper
188 100
94 9.1 6.2 9.2
80 10.4 6.2 9.2#

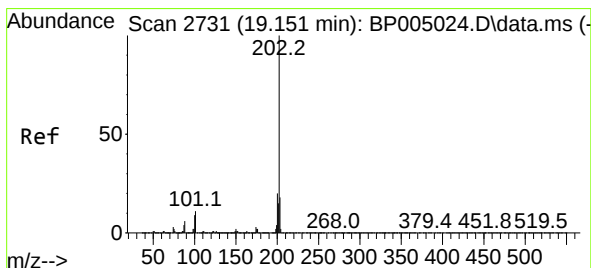
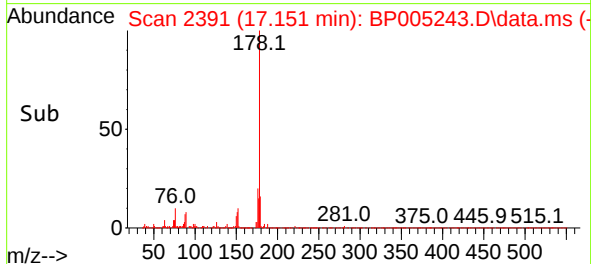
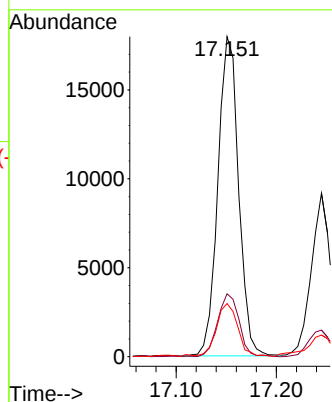
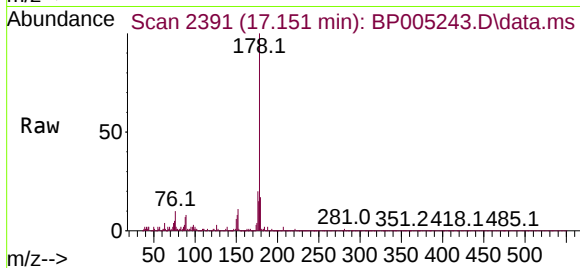




#71
Phenanthrene
Concen: 3.26 ng
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

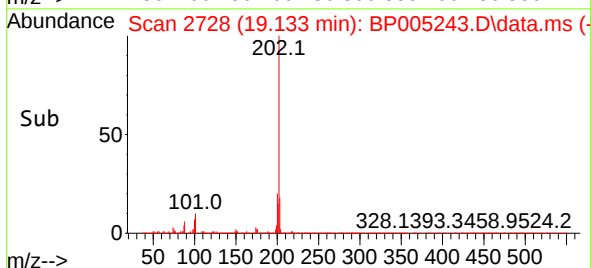
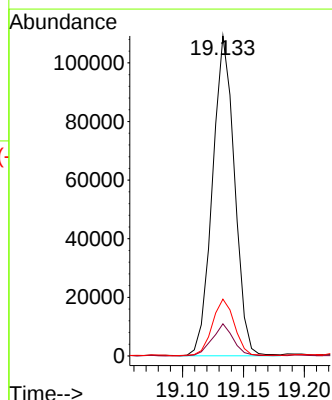
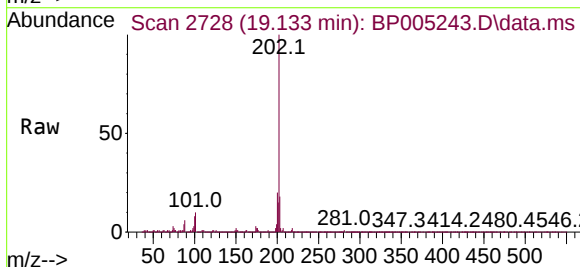
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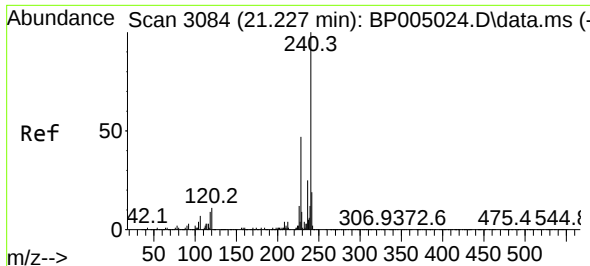
Tgt Ion:178 Resp: 25752
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 16.6 12.5 18.7



#75
Fluoranthene
Concen: 14.81 ng
RT: 19.133 min Scan# 2728
Delta R.T. -0.000 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:202 Resp: 137631
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.4
203 17.8 0.0 37.8

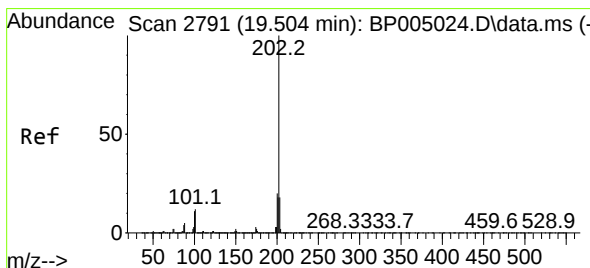
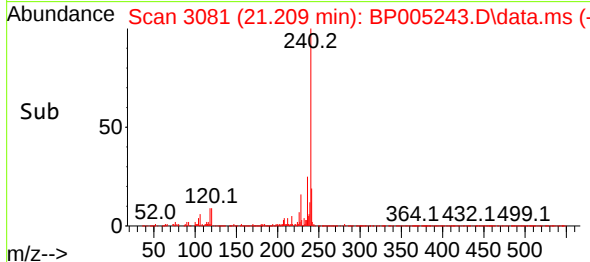
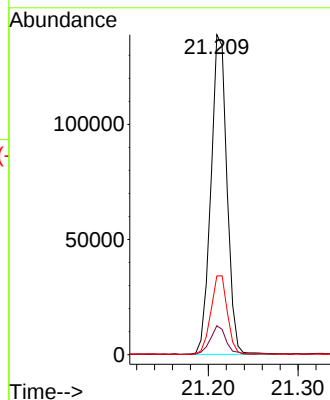
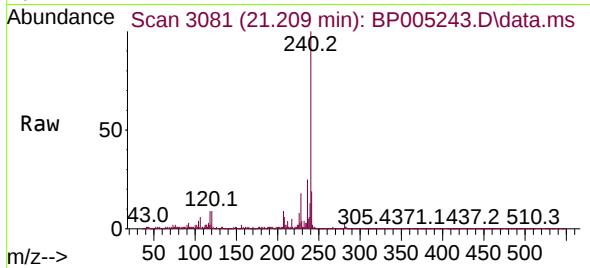




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

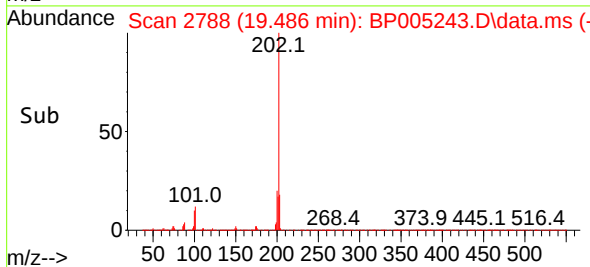
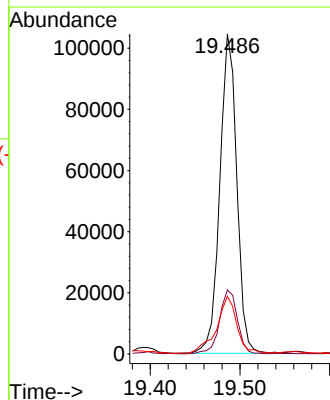
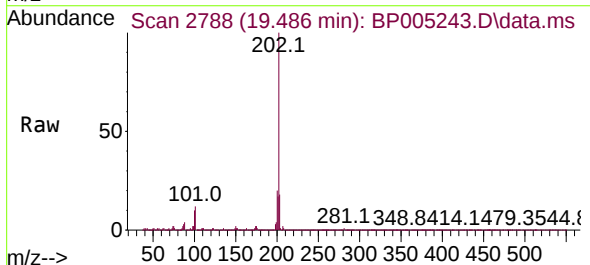
Instrument :
BNA_P
ClientSampleId :
ETGI-371

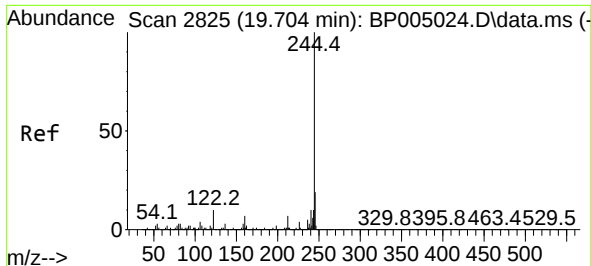
Tgt Ion:240 Resp: 172108
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 24.6 20.8 31.2



#78
Pyrene
Concen: 11.59 ng
RT: 19.486 min Scan# 2788
Delta R.T. -0.000 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:202 Resp: 137123
Ion Ratio Lower Upper
202 100
200 20.0 17.1 25.7
203 18.0 14.2 21.2

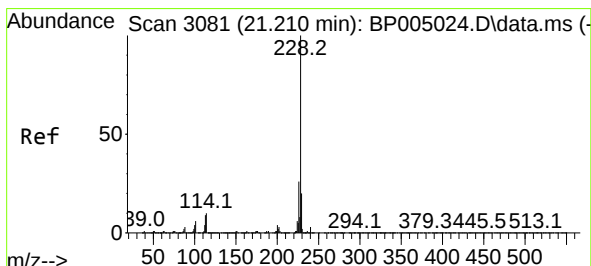
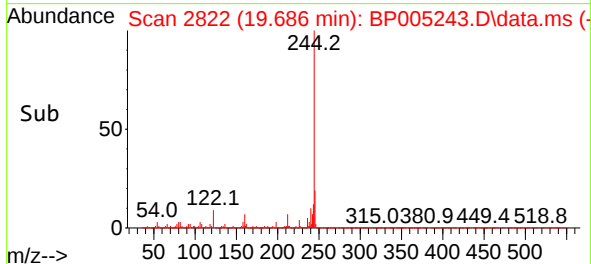
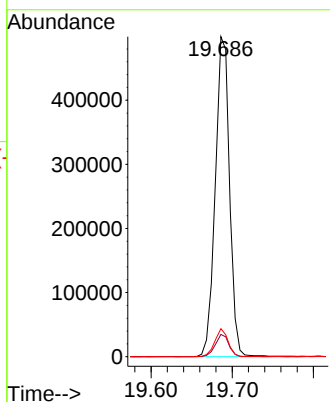
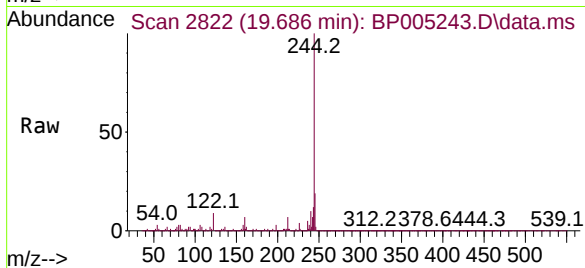




#79
Terphenyl-d14
Concen: 64.51 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

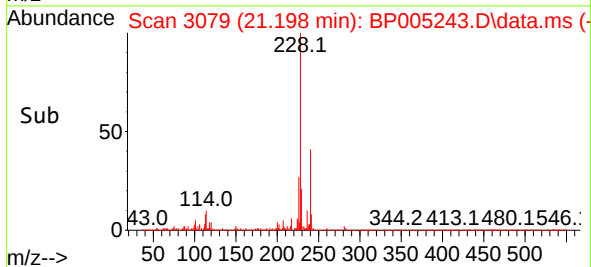
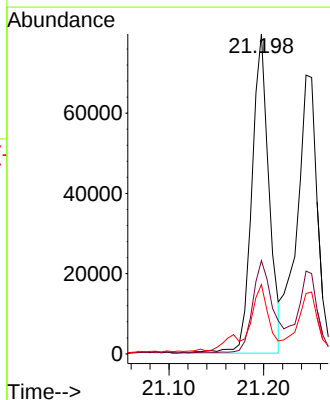
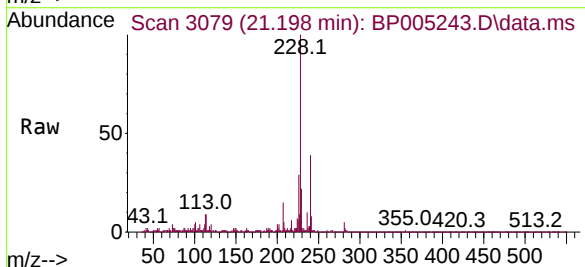
Instrument :
BNA_P
ClientSampleId :
ETGI-371

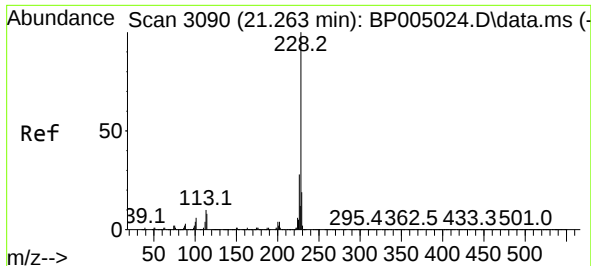
Tgt Ion:244 Resp: 609883
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.7 7.8 11.8



#81
Benzo(a)anthracene
Concen: 8.57 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:228 Resp: 100185
Ion Ratio Lower Upper
228 100
226 29.2 22.1 33.1
229 21.7 15.9 23.9

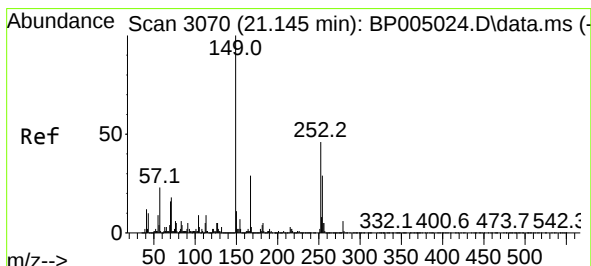
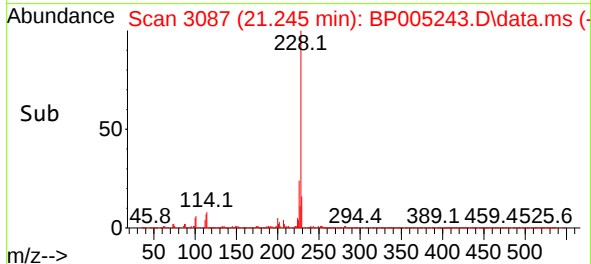
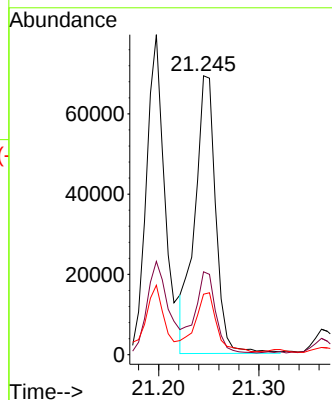
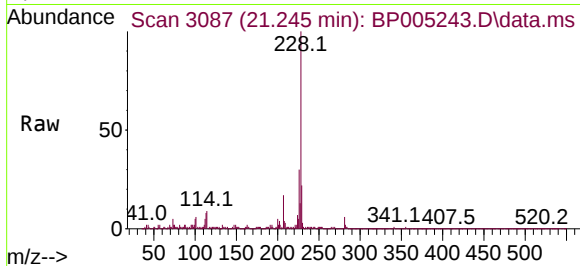




#83
Chrysene
Concen: 8.80 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

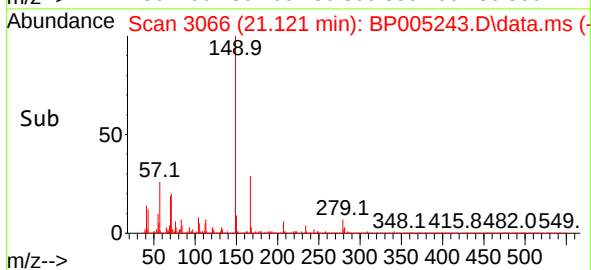
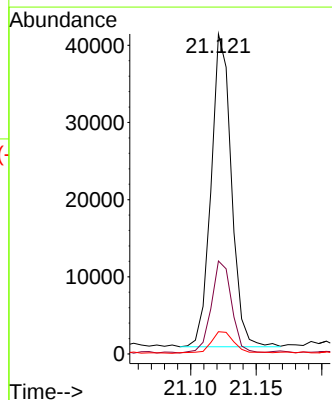
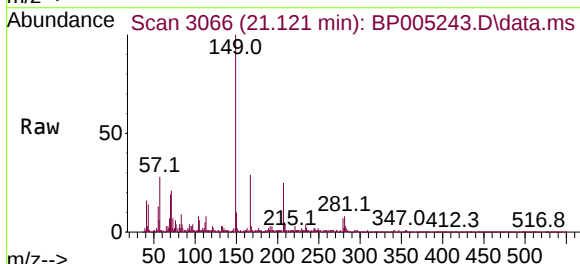
Instrument :
BNA_P
ClientSampleId :
ETGI-371

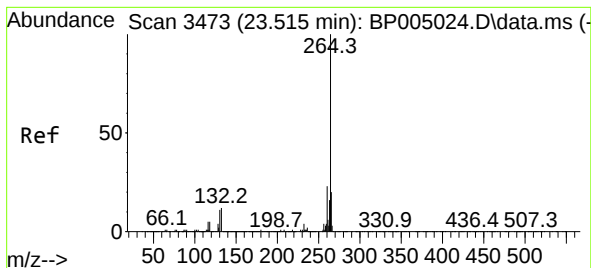
Tgt Ion:	228	Resp:	101017
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.4	36.6
229	21.7	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.77 ng
RT: 21.121 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:	149	Resp:	43581
Ion Ratio	Lower	Upper	
149	100		
167	29.0	22.6	34.0
279	7.0	4.2	6.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.492 min Scan# 3469

Delta R.T. -0.000 min

Lab File: BP005243.D

Acq: 08 Apr 2021 19:15

Instrument :

BNA_P

ClientSampleId :

ETGI-371

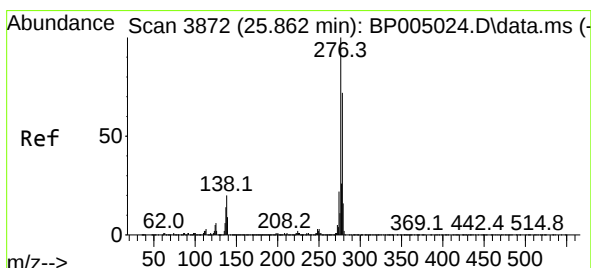
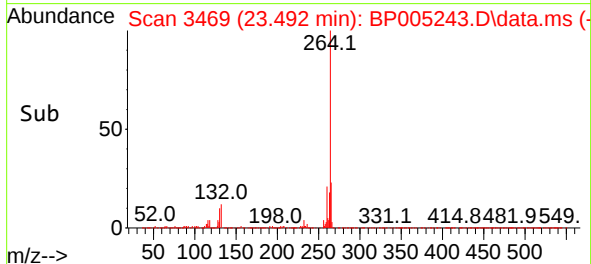
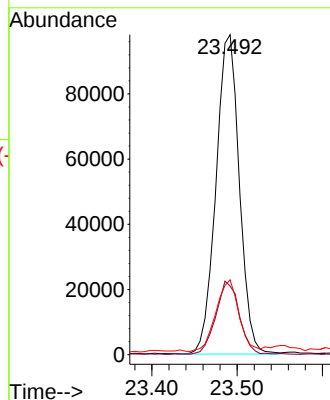
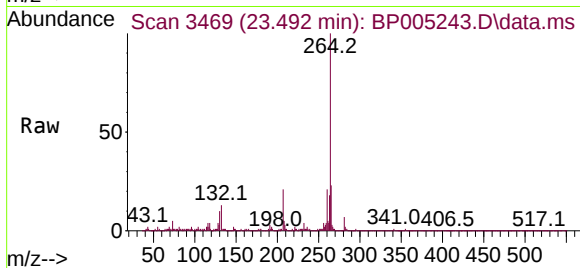
Tgt Ion:264 Resp: 186402

Ion Ratio Lower Upper

264 100

260 21.4 18.8 28.2

265 23.4 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.61 ng

RT: 25.815 min Scan# 3864

Delta R.T. -0.024 min

Lab File: BP005243.D

Acq: 08 Apr 2021 19:15

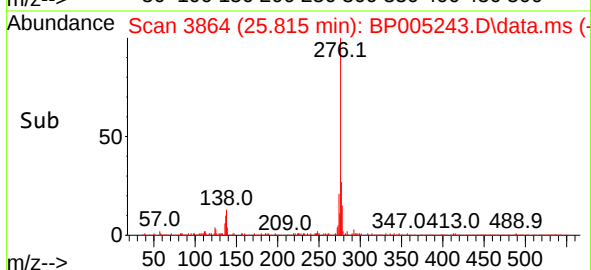
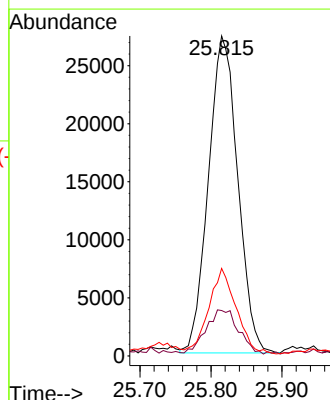
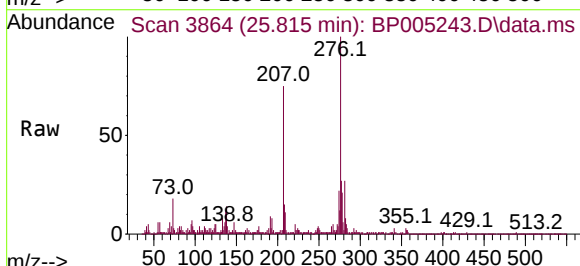
Tgt Ion:276 Resp: 78403

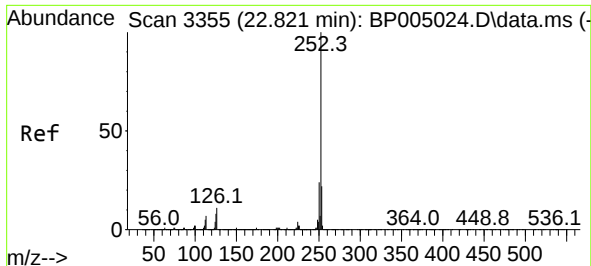
Ion Ratio Lower Upper

276 100

138 15.4 18.7 28.1#

277 25.3 20.4 30.6

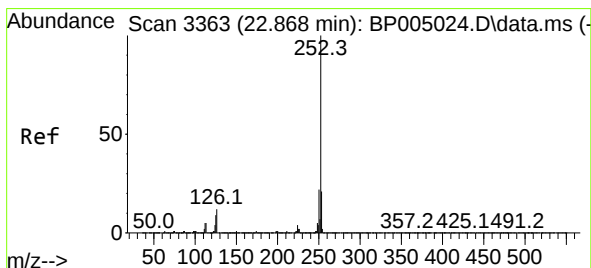
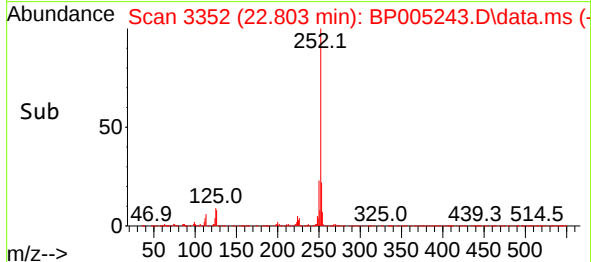
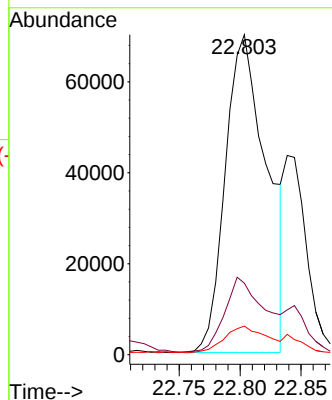
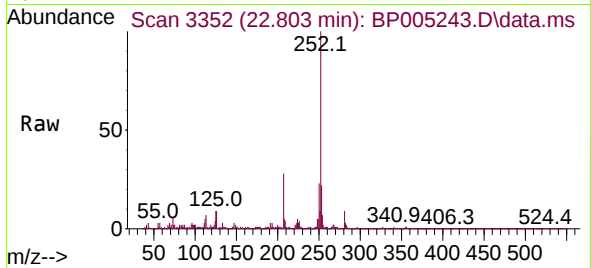




#88
Benzo(b)fluoranthene
Concen: 12.47 ng
RT: 22.803 min Scan# 3352
Delta R.T. -0.000 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

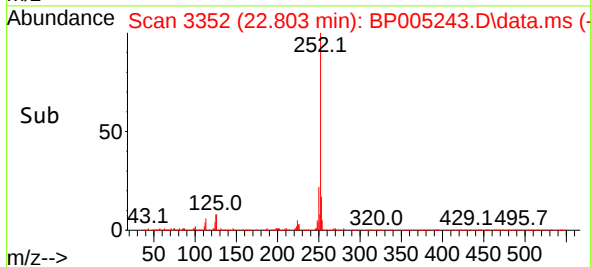
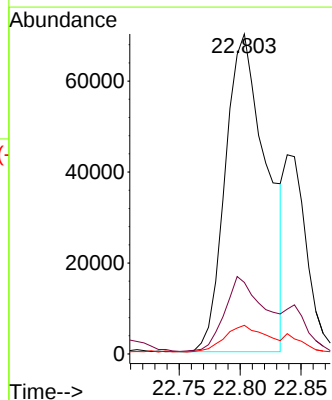
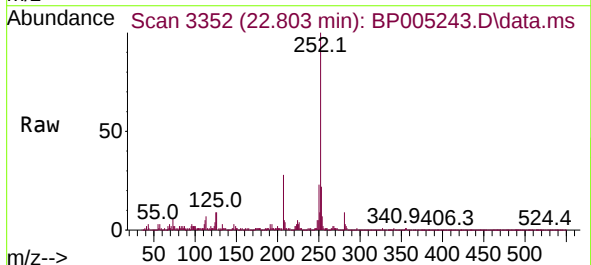
Instrument :
BNA_P
ClientSampleId :
ETGI-371

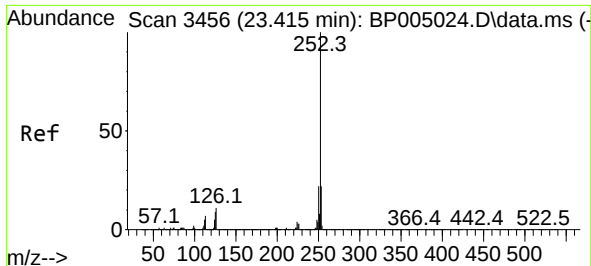
Tgt Ion:252 Resp: 165022
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.0 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 13.01 ng
RT: 22.803 min Scan# 3352
Delta R.T. -0.047 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:252 Resp: 165022
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.0 7.4 11.2

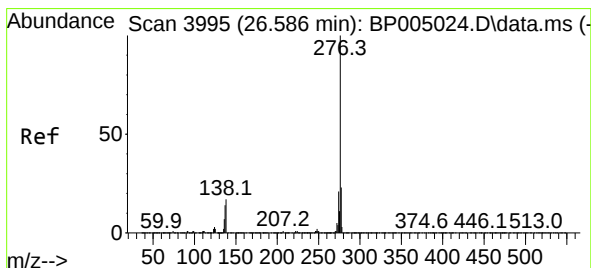
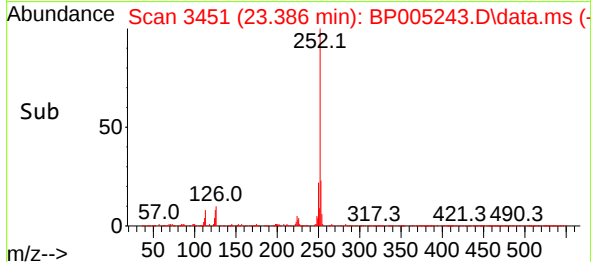
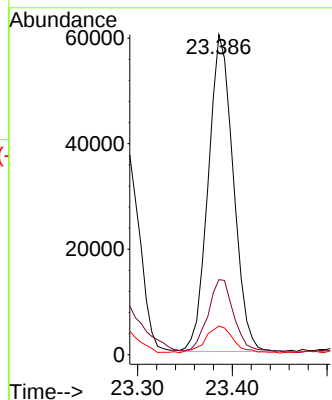
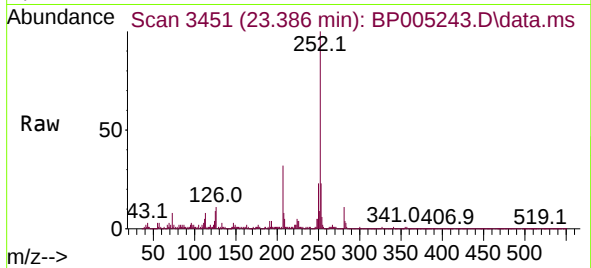




#90
Benzo(a)pyrene
Concen: 9.31 ng
RT: 23.386 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Instrument :
BNA_P
ClientSampleId :
ETGI-371

Tgt Ion:252 Resp: 110557
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 8.9 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 6.25 ng
RT: 26.533 min Scan# 3986
Delta R.T. -0.018 min
Lab File: BP005243.D
Acq: 08 Apr 2021 19:15

Tgt Ion:276 Resp: 72870
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 17.3 16.6 24.8

