

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091820\
 Data File : BP003325.D
 Acq On : 18 Sep 2020 17:07
 Operator : CG/JU
 Sample : L4073-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H-1

Quant Time: Sep 18 18:58:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 14:13:41 2020
 Response via : Initial Calibration

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

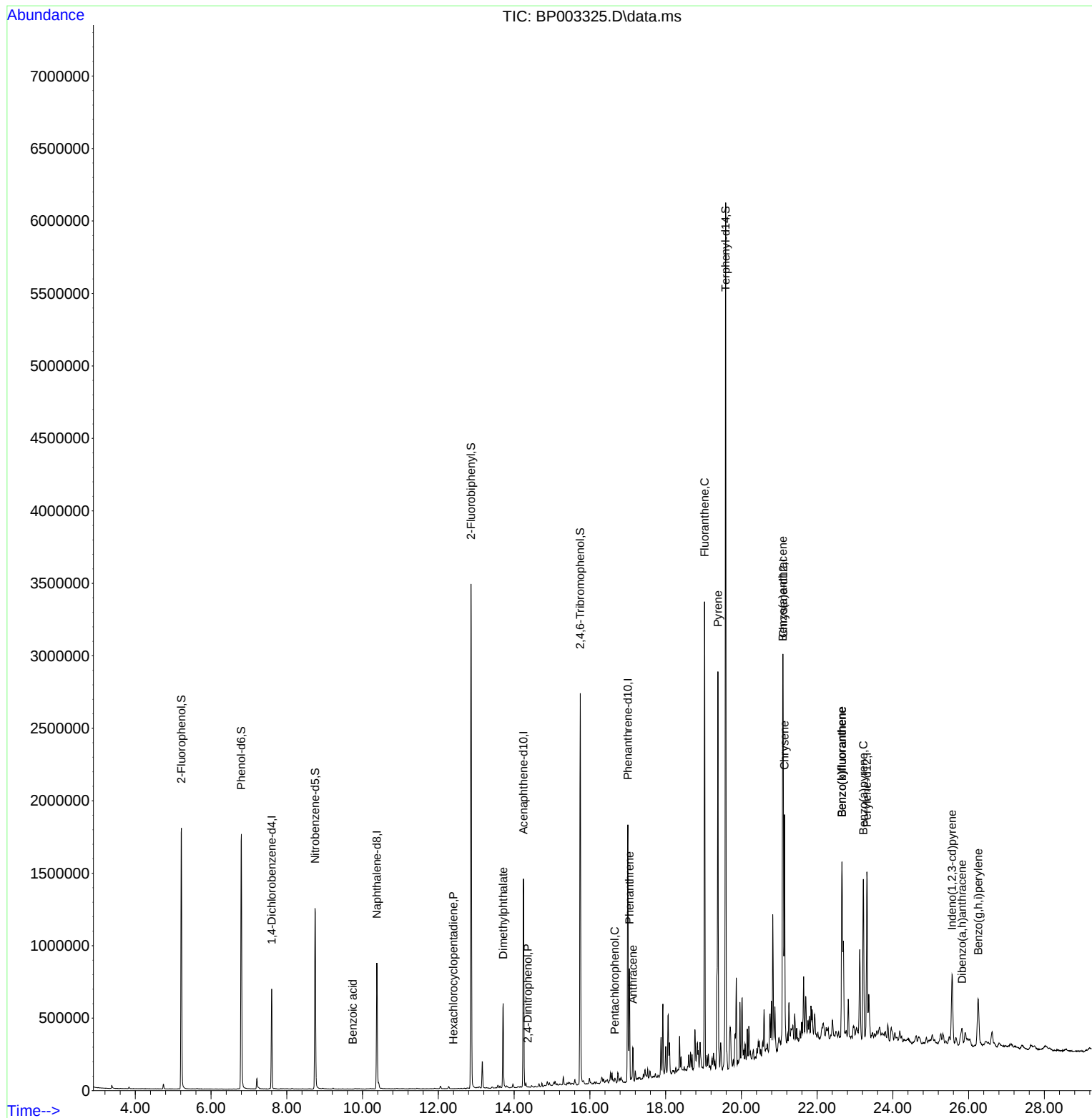
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	193942	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	803871	20.00	ng	# 0.00
39) Acenaphthene-d10	14.245	164	504300	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	1076032	20.00	ng	0.00
76) Chrysene-d12	21.104	240	914328	20.00	ng	0.00
86) Perylene-d12	23.315	264	829802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	915970	82.47	ng	0.00
7) Phenol-d6	6.799	99	1202254	81.21	ng	0.00
23) Nitrobenzene-d5	8.746	82	786838	57.50	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	625683	81.34	ng	0.00
45) 2-Fluorobiphenyl	12.863	172	1925263	55.84	ng	0.00
79) Terphenyl-d14	19.586	244	2626858	59.86	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.740	122	22	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.398	237	15	6.84	ng	79
50) Dimethylphthalate	13.710	163	429986	10.68	ng	99
54) 2,4-Dinitrophenol	14.363	184	10	7.25	ng	# 1
70) Pentachlorophenol	16.657	266	25	6.77	ng	# 35
71) Phenanthrene	17.045	178	469854	8.03	ng	99
72) Anthracene	17.139	178	146060	2.53	ng	99
75) Fluoranthene	19.027	202	1826244	24.81	ng	99
78) Pyrene	19.380	202	1635816	28.69	ng	100
81) Benzo(a)anthracene	21.092	228	1023403	17.31	ng	99
83) Chrysene	21.139	228	867130	15.27	ng	98
87) Indeno(1,2,3-cd)pyrene	25.562	276	457484	7.27	ng	# 94
88) Benzo(b)fluoranthene	22.657	252	990157	18.90	ng	98
89) Benzo(k)fluoranthene	22.657	252	990157	19.72	ng	98
90) Benzo(a)pyrene	23.221	252	761603	15.41	ng	97
91) Dibenzo(a,h)anthracene	25.827	278	108771	2.10	ng	93
92) Benzo(g,h,i)perylene	26.256	276	412079	7.95	ng	96

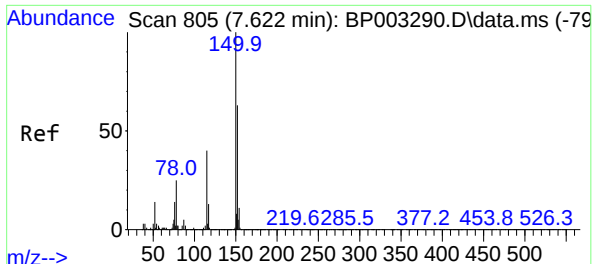
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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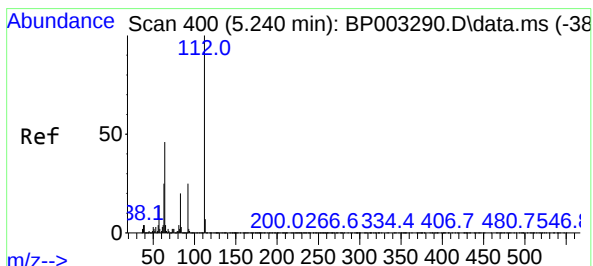
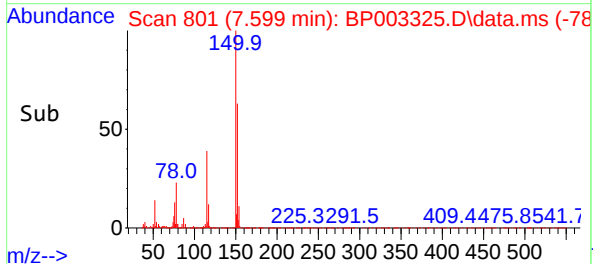
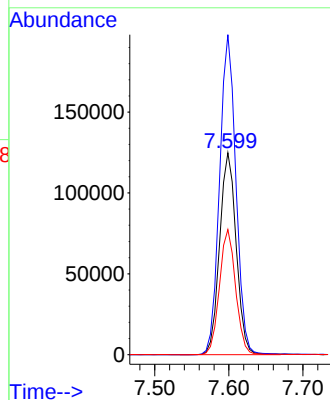
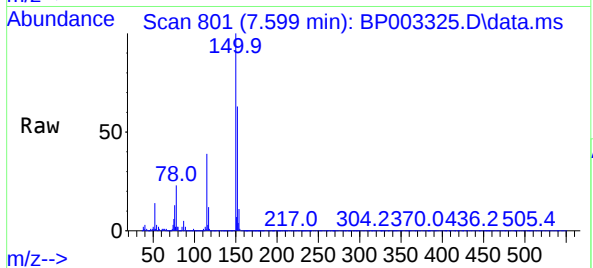




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.599 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

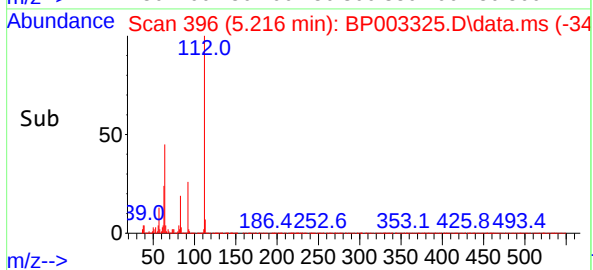
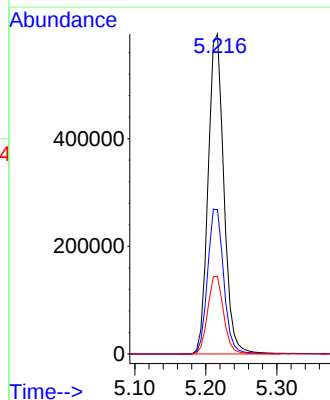
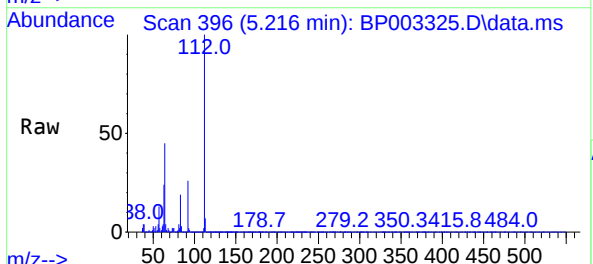
Instrument :
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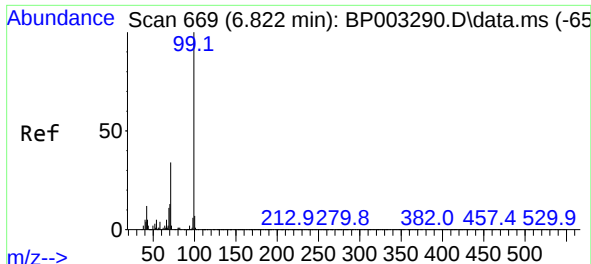
Tgt Ion:152 Resp: 193942
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 62.0 43.8 65.6



#5
2-Fluorophenol
Concen: 82.47 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:112 Resp: 915970
Ion Ratio Lower Upper
112 100
64 45.1 32.8 49.2
63 24.3 17.0 25.4

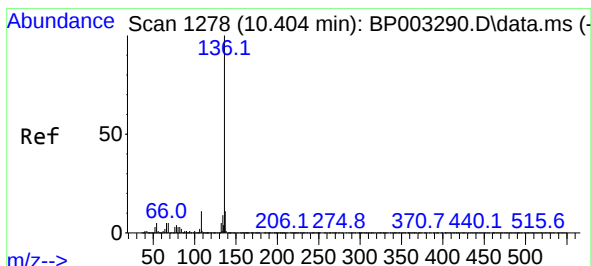
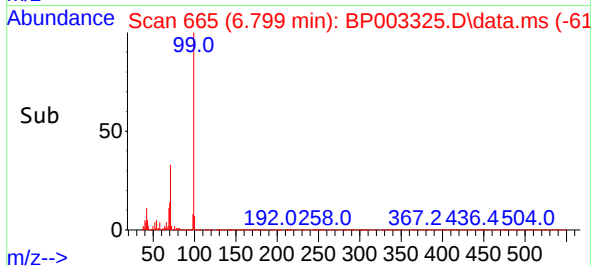
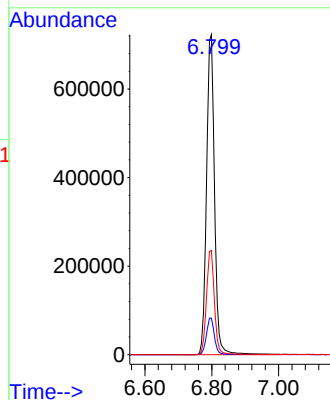
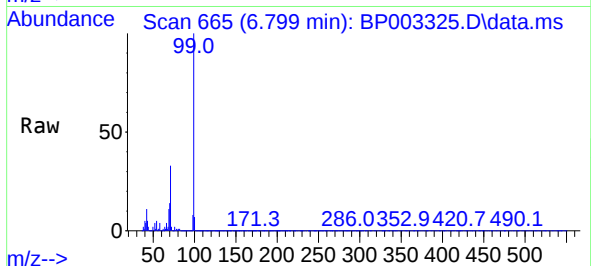




#7
Phenol-d6
Concen: 81.21 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

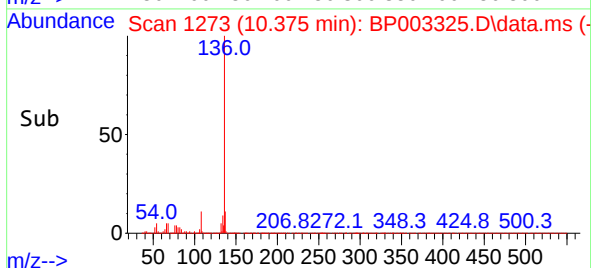
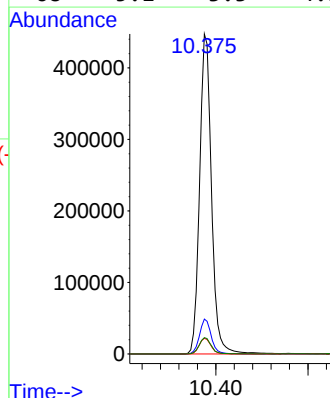
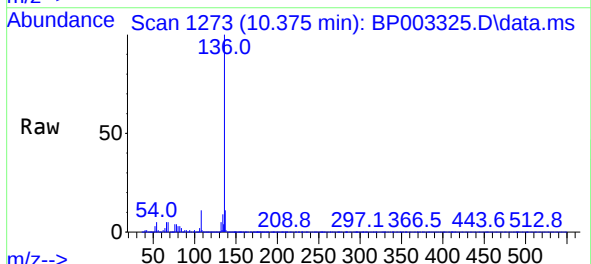
Instrument :
BNA_P
ClientSampled :
H-1

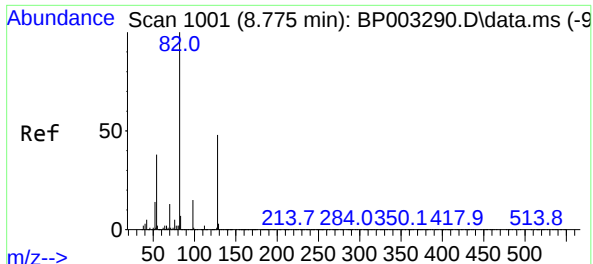
Tgt Ion: 99 Resp: 1202254
Ion Ratio Lower Upper
99 100
42 11.4 8.6 13.0
71 32.6 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion: 136 Resp: 803871
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 4.9 3.6 5.4
68 5.1 3.3 4.9#

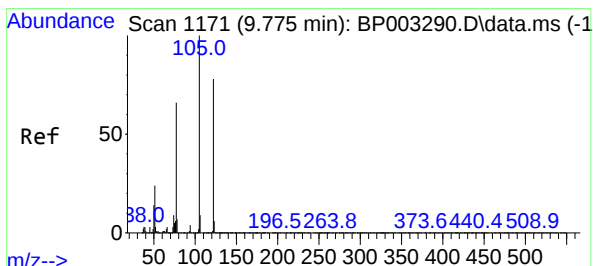
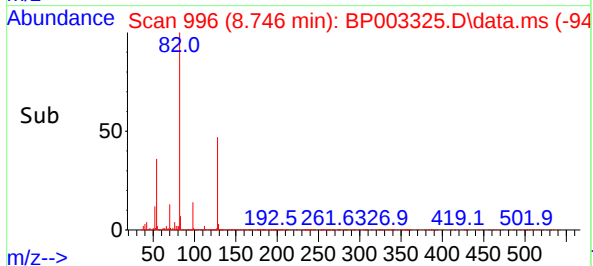
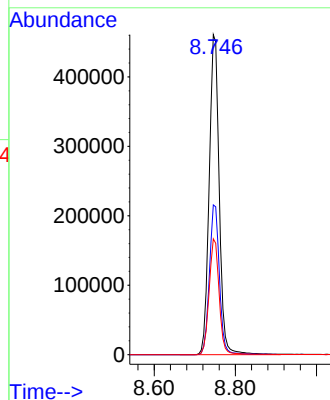
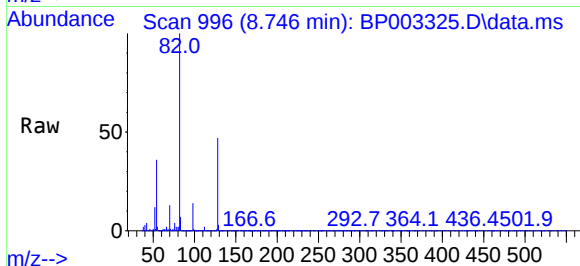




#23
Nitrobenzene-d5
Concen: 57.50 ng
RT: 8.746 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

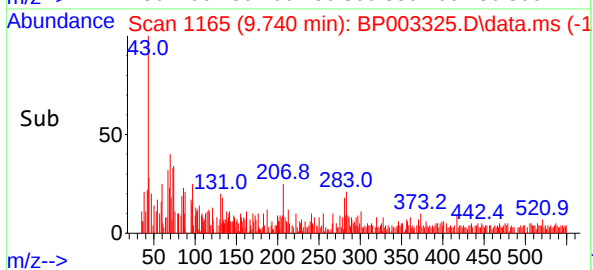
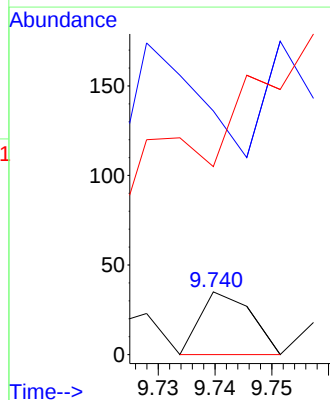
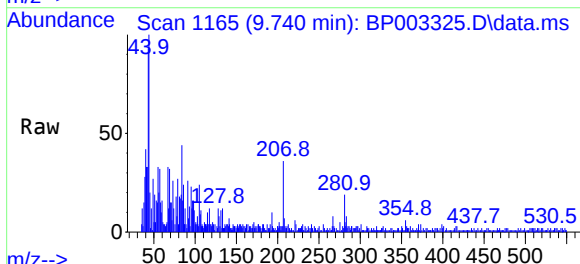
Instrument :
BNA_P
ClientSampled :
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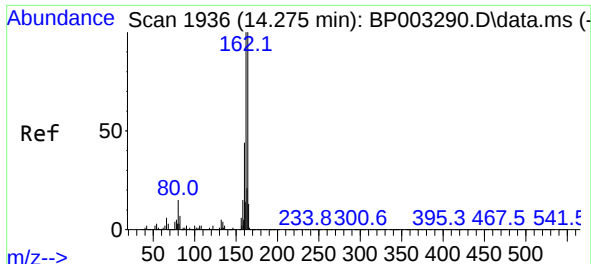
Tgt Ion: 82 Resp: 786838
Ion Ratio Lower Upper
82 100
128 46.8 45.6 68.4
54 36.2 30.1 45.1



#32
Benzoic acid
Concen: 9.16 ng
RT: 9.740 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion: 122 Resp: 22
Ion Ratio Lower Upper
122 100
105 388.6 94.1 134.1#
77 300.0 50.1 90.1#

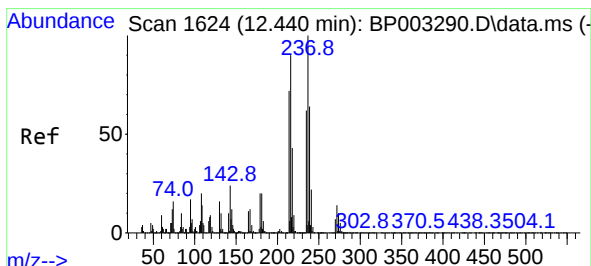
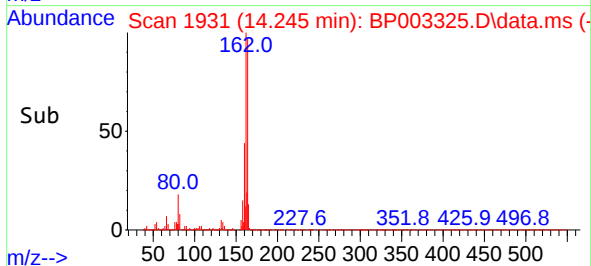
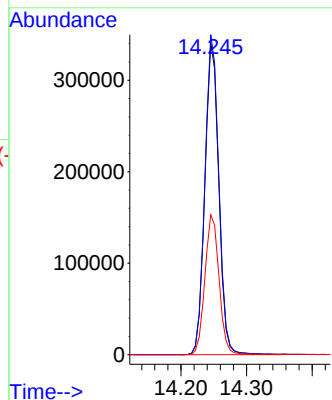
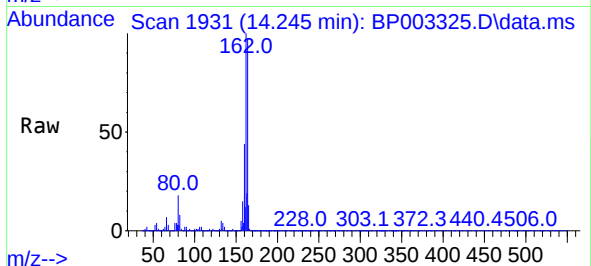




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

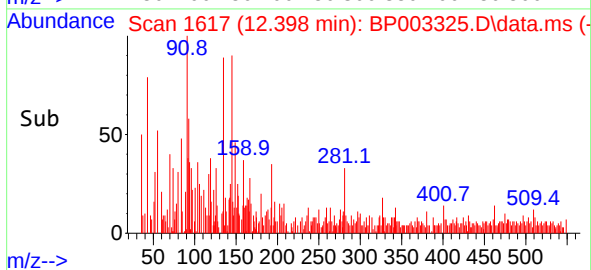
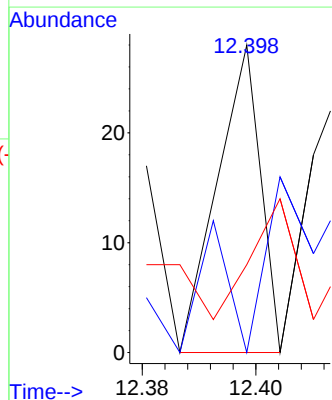
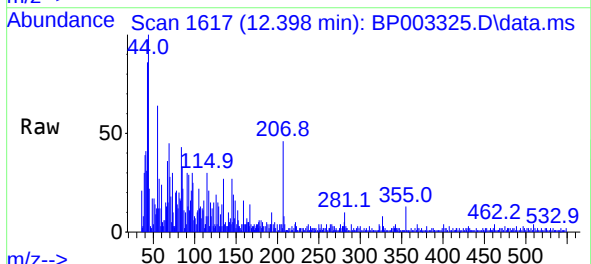
Instrument :
BNA_P
ClientSampleId :
H-1

Tgt Ion:164 Resp: 504300
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 44.9 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.398 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:237 Resp: 15
Ion Ratio Lower Upper
237 100
235 50.0 43.2 83.2
272 28.6 0.0 33.3

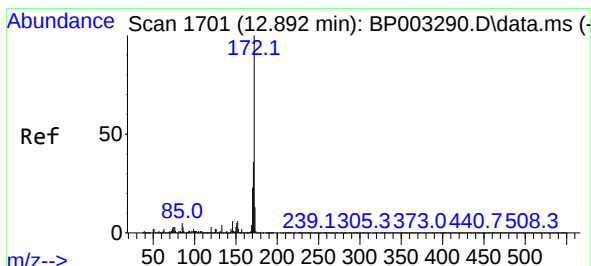
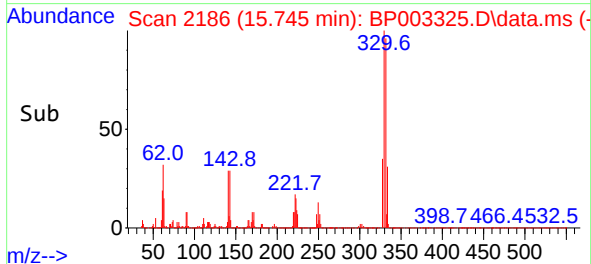
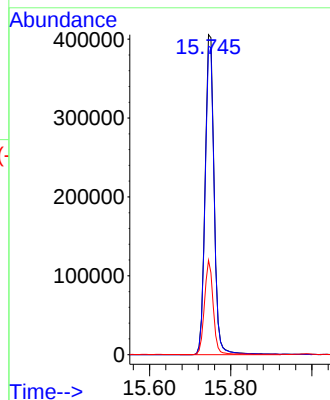
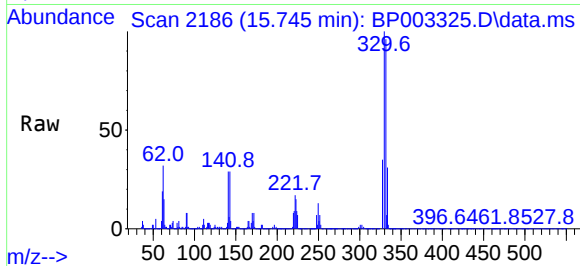




#42
2,4,6-Tribromophenol
Concen: 81.34 ng
RT: 15.745 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

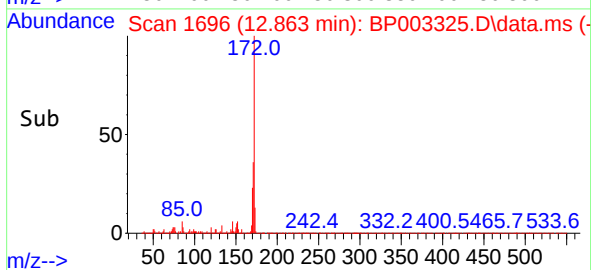
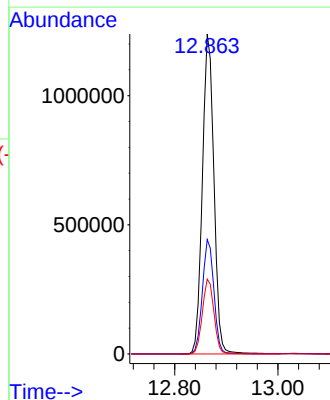
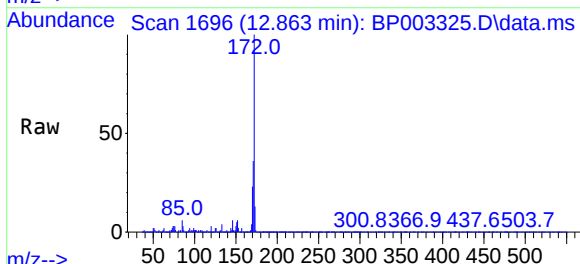
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H-1

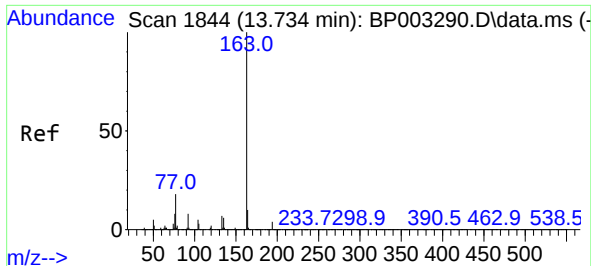
Tgt Ion: 330 Resp: 625683
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 28.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 55.84 ng
RT: 12.863 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion: 172 Resp: 1925263
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.4 19.2 28.8

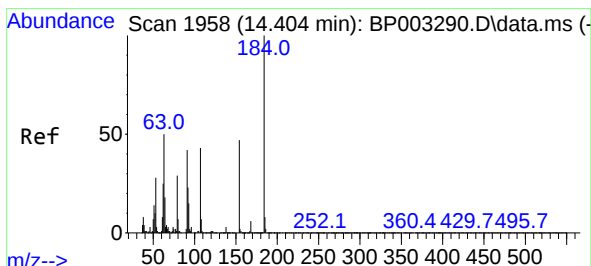
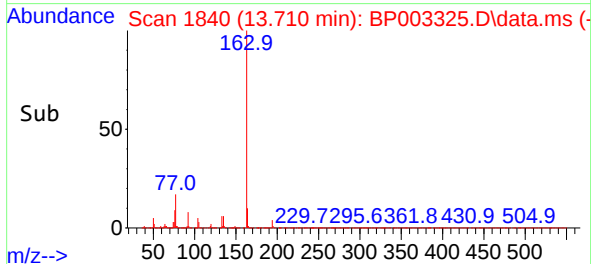
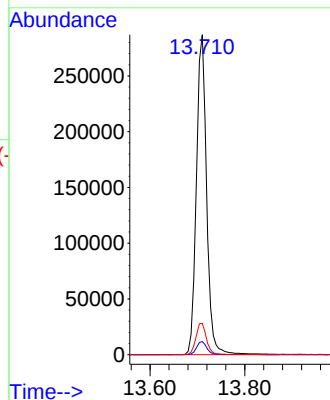
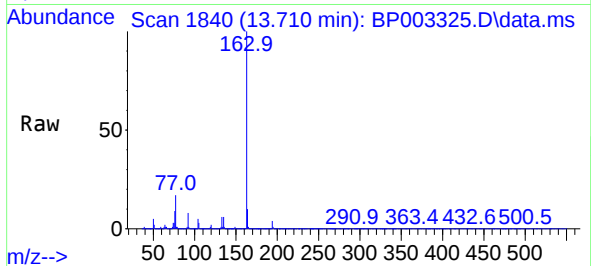




#50
Dimethylphthalate
Concen: 10.68 ng
RT: 13.710 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

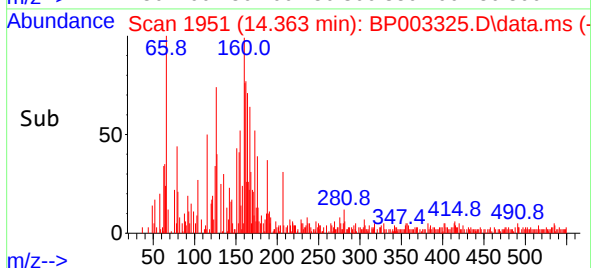
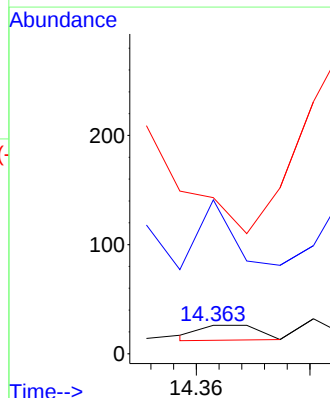
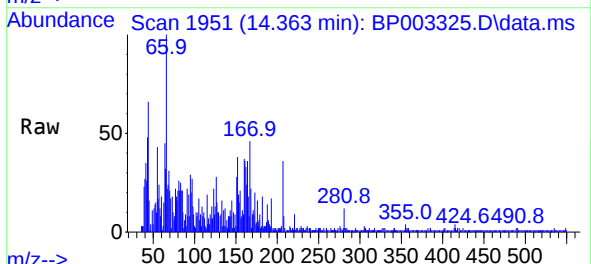
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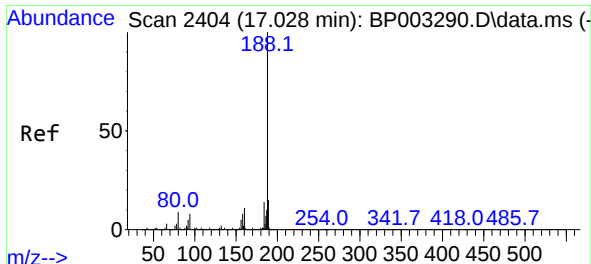
Tgt Ion:163	Resp:	429986
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.3 4.9
164	9.8	8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.25 ng
RT: 14.363 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:184	Resp:	10
Ion Ratio	Lower	Upper
184	100	
63	542.3	32.3 48.5#
154	550.0	49.1 73.7#

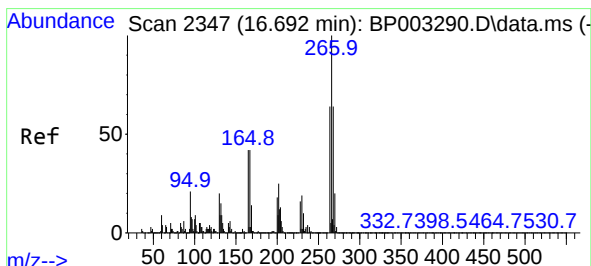
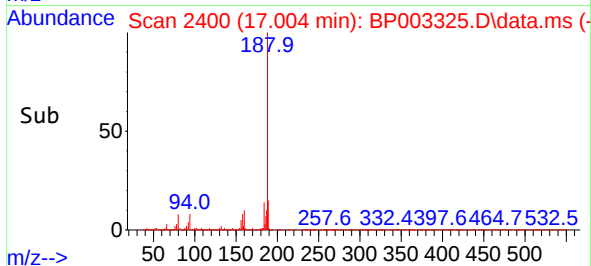
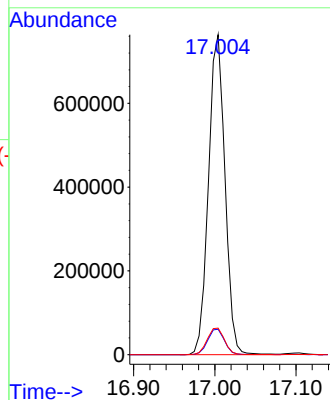
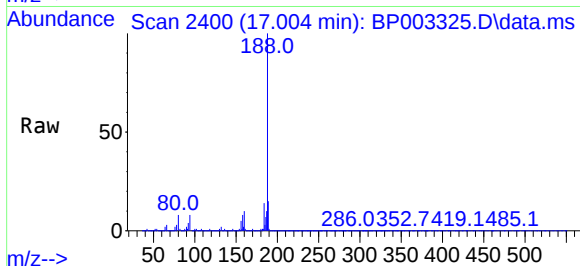




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

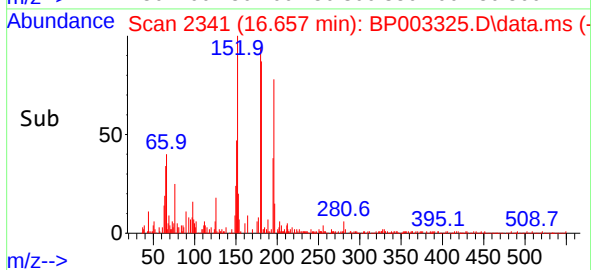
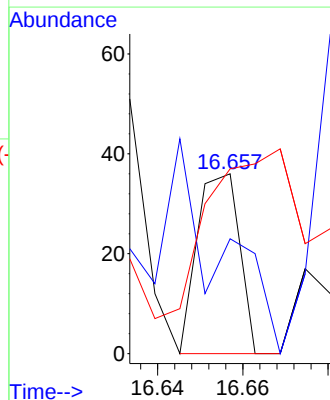
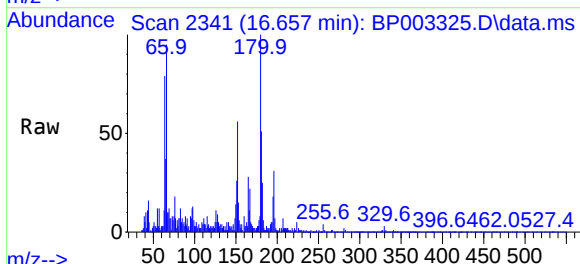
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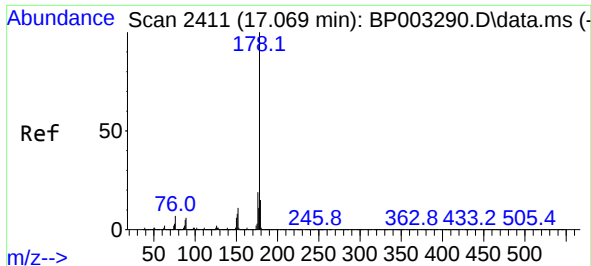
Tgt Ion:188 Resp: 1076032
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.3 6.2 9.2



#70
Pentachlorophenol
Concen: 6.77 ng
RT: 16.657 min Scan# 2341
Delta R.T. -0.012 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
268 125.0 51.1 76.7#
264 102.8 50.6 76.0#

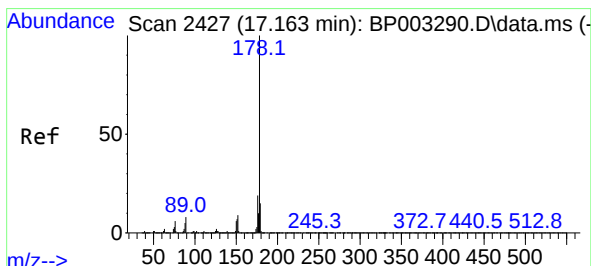
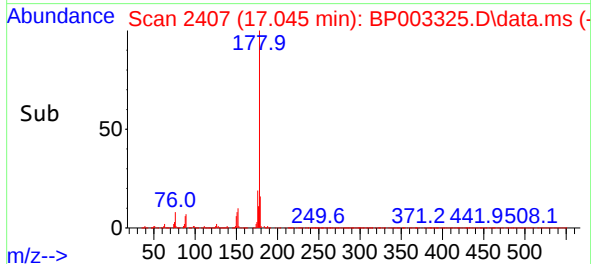
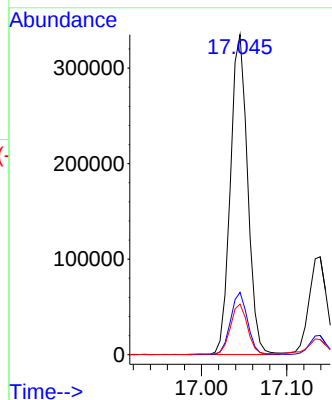
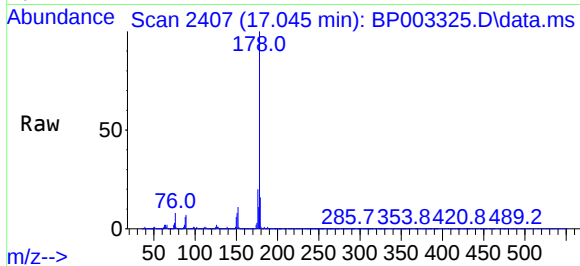




#71
Phenanthrene
Concen: 8.03 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

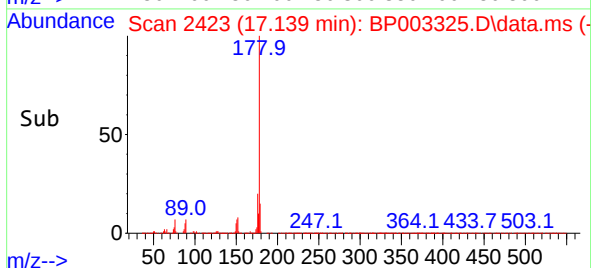
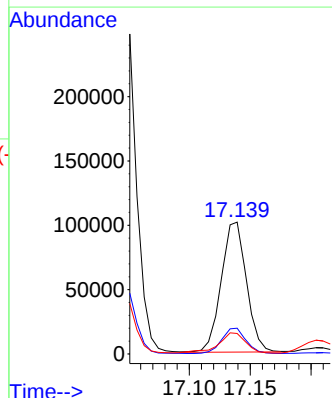
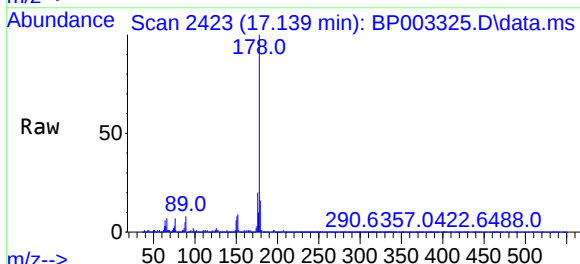
Instrument :
BNA_P
ClientSampleId :
H-1

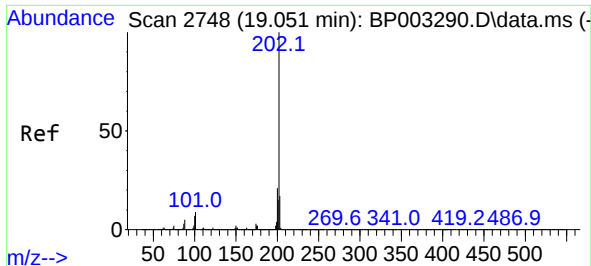
Tgt Ion:178 Resp: 469854
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.5 18.7



#72
Anthracene
Concen: 2.53 ng
RT: 17.139 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:178 Resp: 146060
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 15.5 12.5 18.7

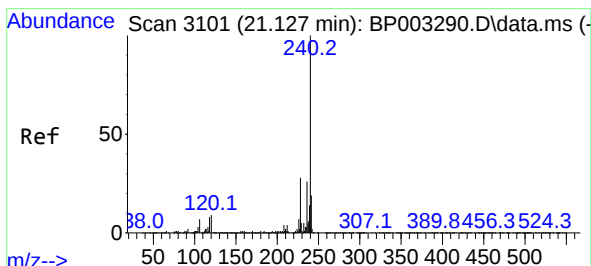
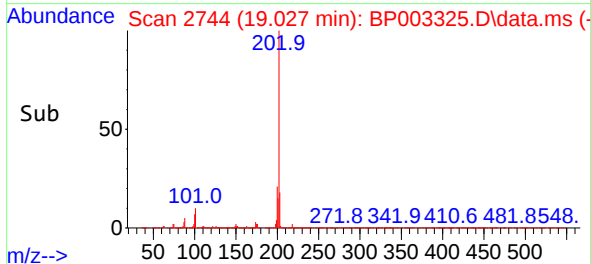
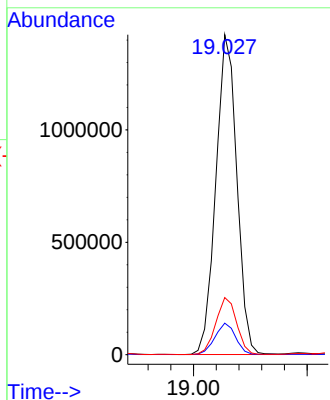
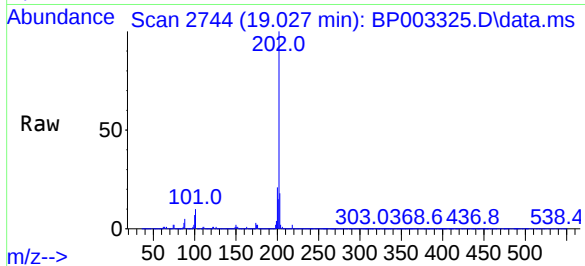




#75
Fluoranthene
Concen: 24.81 ng
RT: 19.027 min Scan# 2744
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

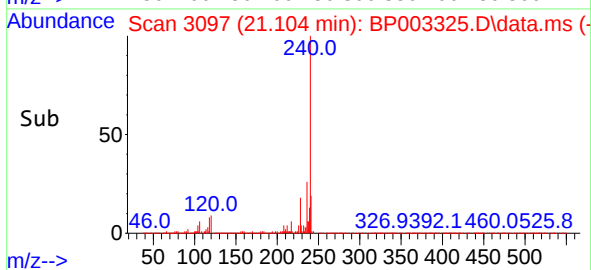
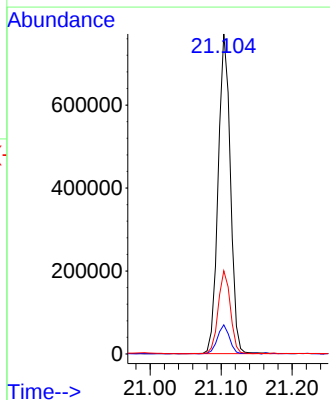
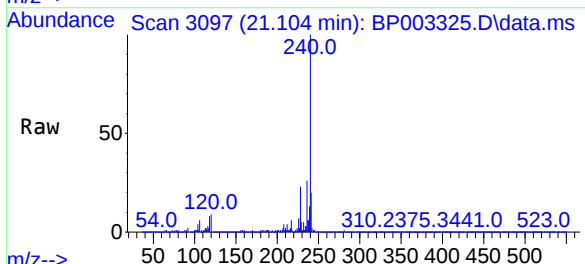
Instrument :
BNA_P
ClientSampled :
H-1

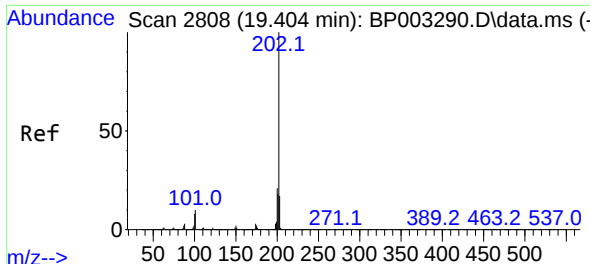
Tgt Ion:202 Resp: 1826244
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.104 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:240 Resp: 914328
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.0 20.8 31.2

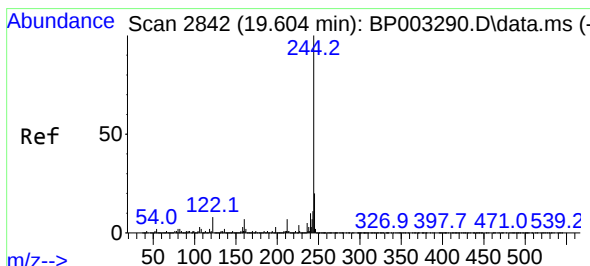
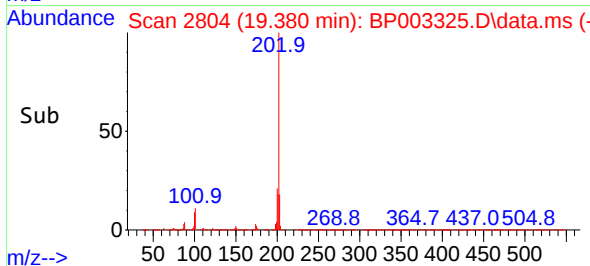
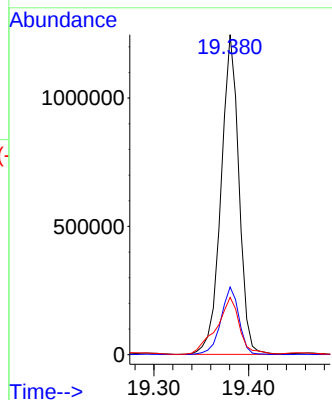
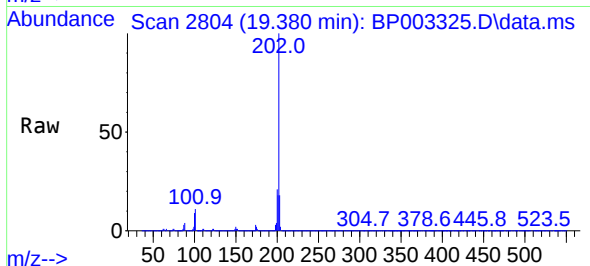




#78
Pyrene
Concen: 28.69 ng
RT: 19.380 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

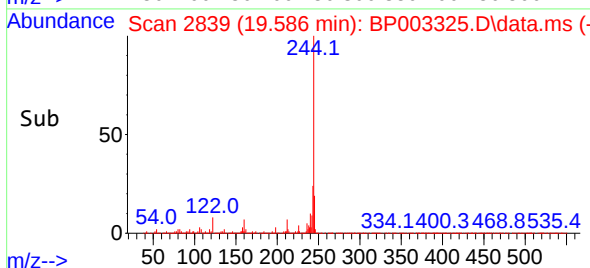
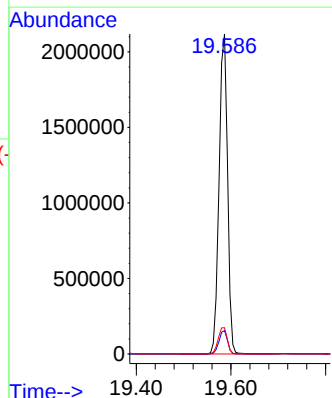
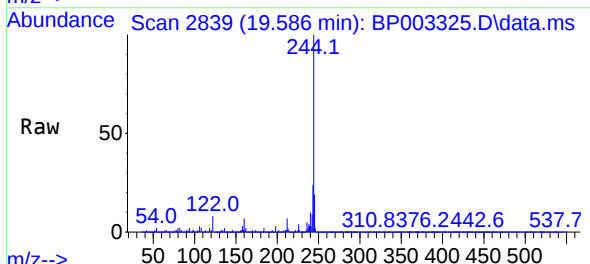
Instrument :
BNA_P
ClientSampleId :
H-1

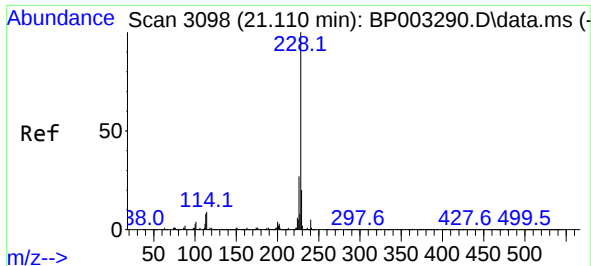
Tgt Ion:202 Resp: 1635816
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 59.86 ng
RT: 19.586 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:244 Resp: 2626858
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.2 7.8 11.8



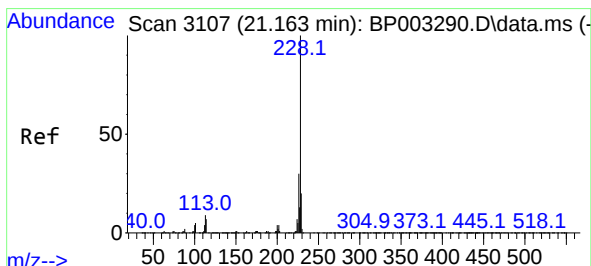
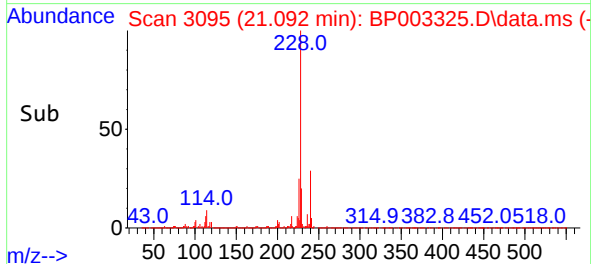
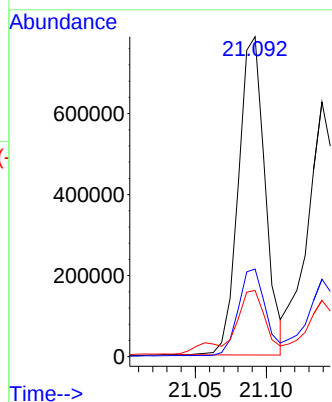
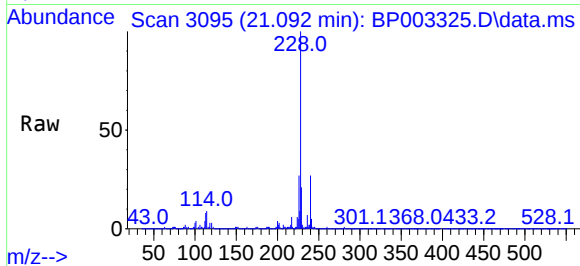


#81
Benzo(a)anthracene
Concen: 17.31 ng
RT: 21.092 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampleId :
H-1

Tgt Ion:228 Resp: 1023403

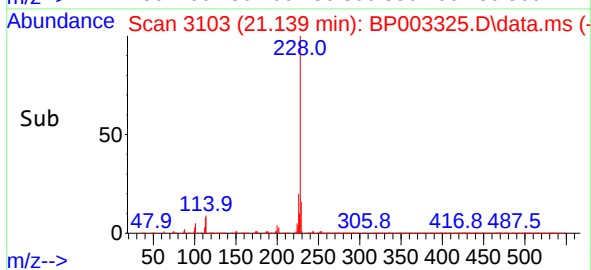
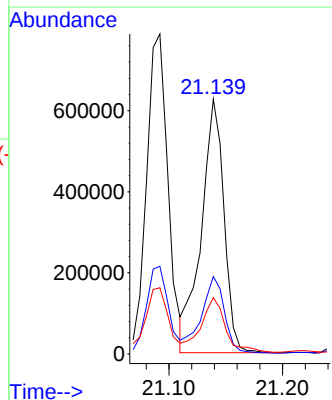
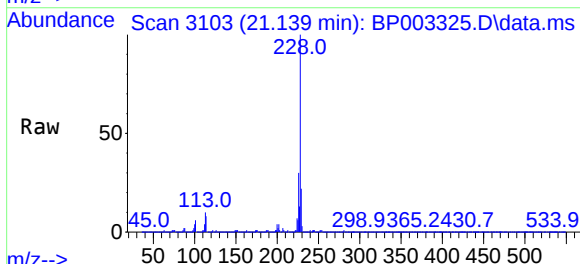
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.7	15.9	23.9

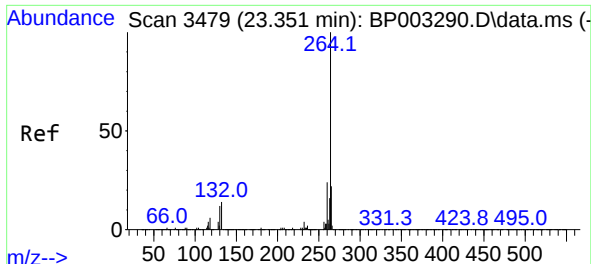


#83
Chrysene
Concen: 15.27 ng
RT: 21.139 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:228 Resp: 867130

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.1	15.8	23.6

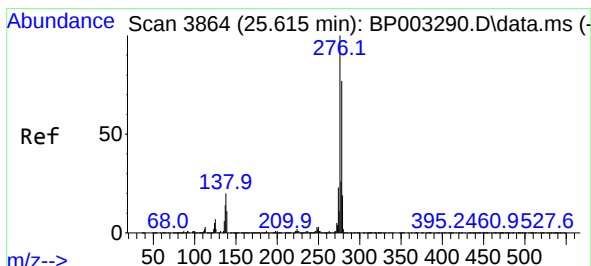
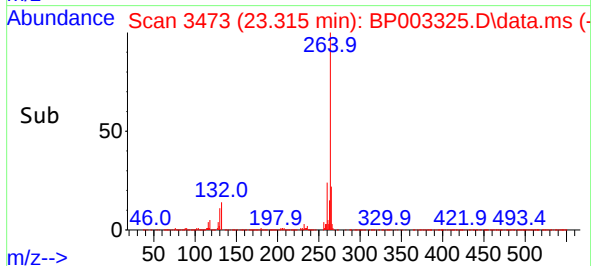
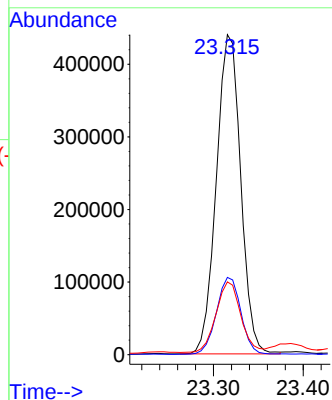
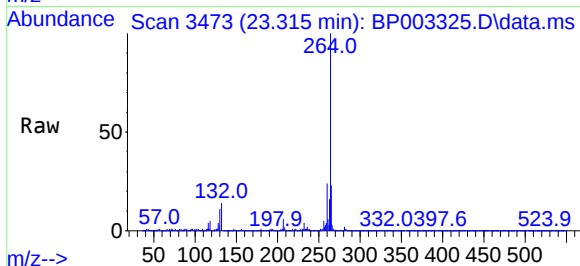




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.315 min Scan# 3473
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

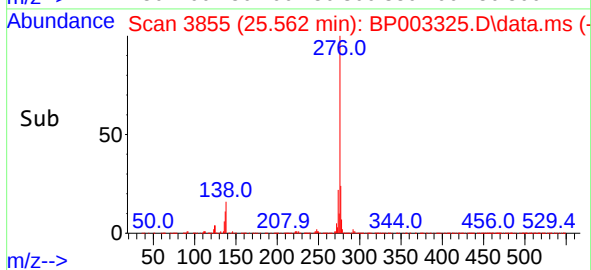
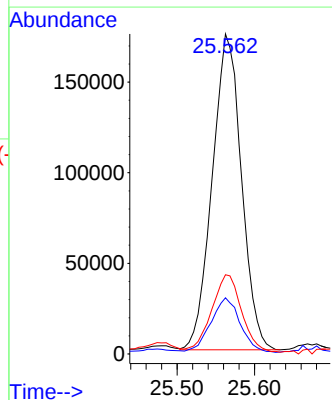
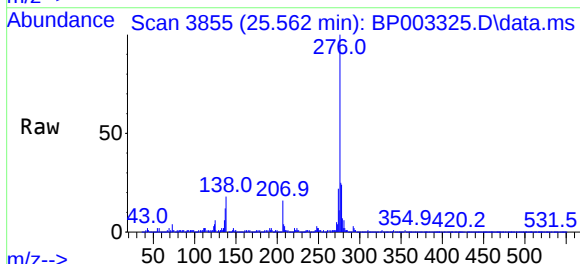
Instrument :
BNA_P
ClientSampled :
H-1

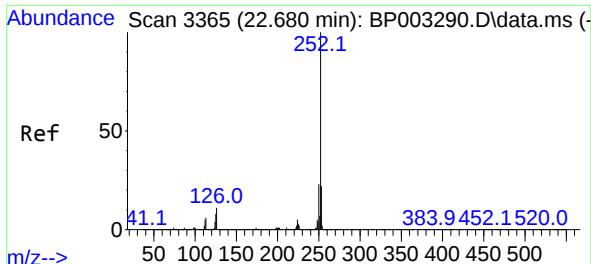
Tgt Ion:	264	Resp:	829802
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.8	28.2
265	22.7	17.4	26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.27 ng
RT: 25.562 min Scan# 3855
Delta R.T. -0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:	276	Resp:	457484
Ion Ratio	Lower	Upper	
276	100		
138	17.4	18.7	28.1#
277	25.2	20.4	30.6

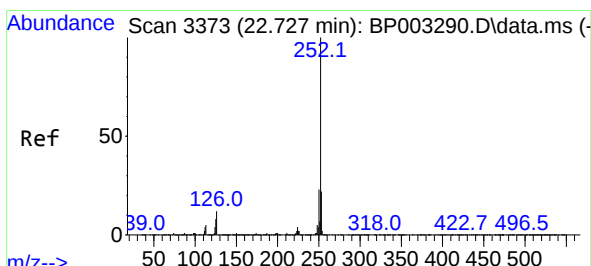
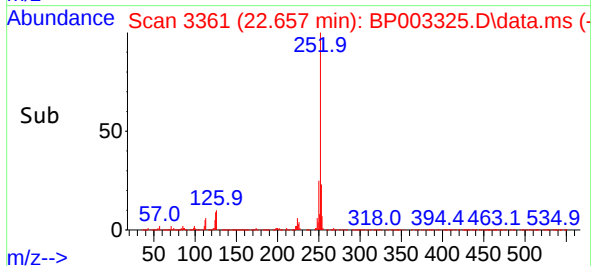
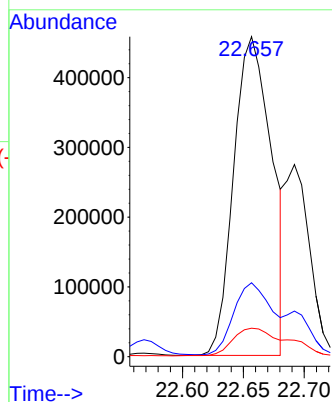
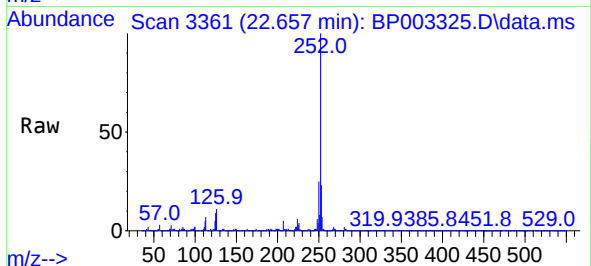




#88
Benzo(b)fluoranthene
Concen: 18.90 ng
RT: 22.657 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

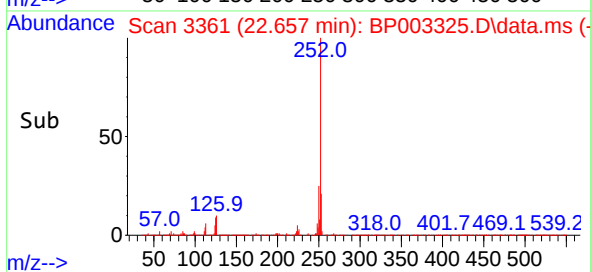
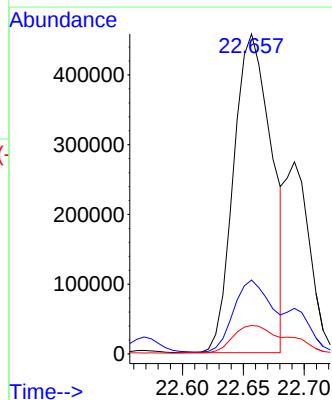
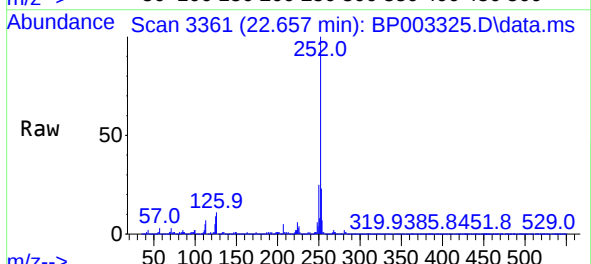
Instrument :
BNA_P
ClientSampled :
H-1

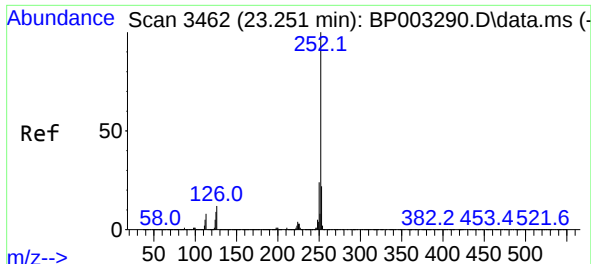
Tgt Ion:252 Resp: 990157
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 8.9 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 19.72 ng
RT: 22.657 min Scan# 3361
Delta R.T. -0.036 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Tgt Ion:252 Resp: 990157
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 8.9 7.4 11.2

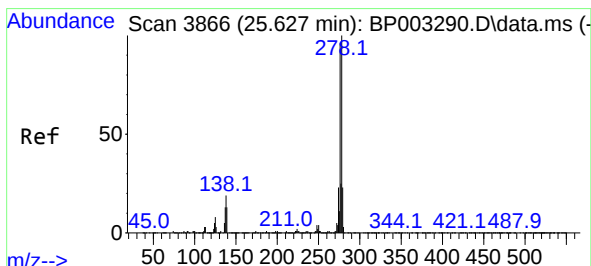
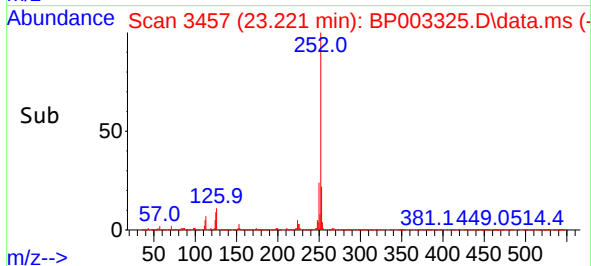
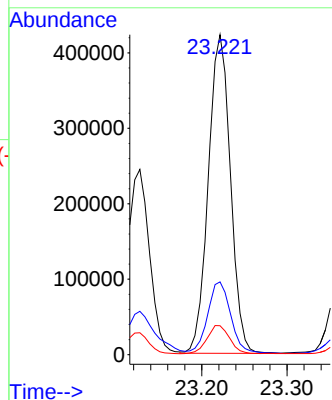
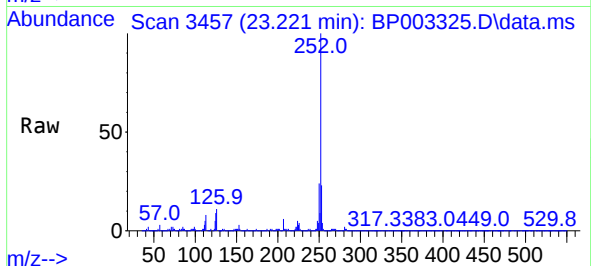




#90
Benzo(a)pyrene
Concen: 15.41 ng
RT: 23.221 min Scan# 3457
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

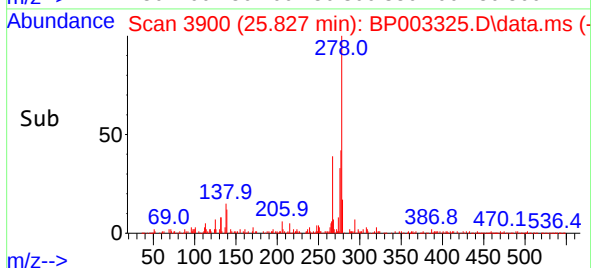
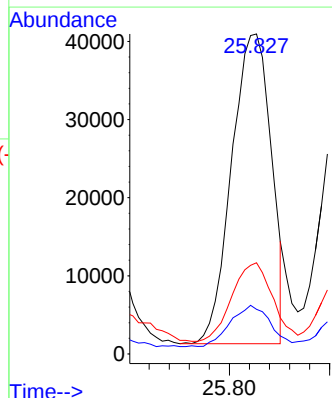
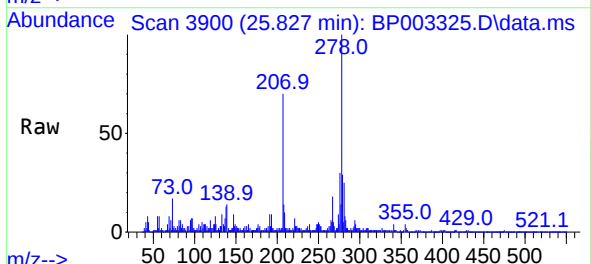
Instrument :
BNA_P
ClientSampled :
H-1

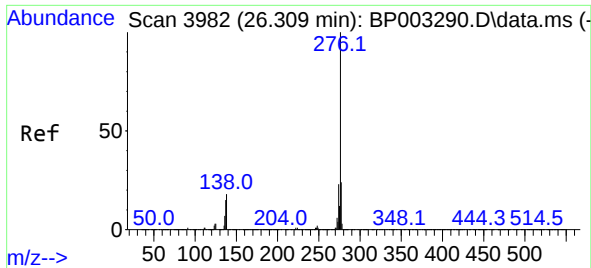
Tgt Ion:252 Resp: 761603
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.1 8.2 12.4



#91
Dibenzo(a,h)anthracene
Concen: 2.10 ng
RT: 25.827 min Scan# 3900
Delta R.T. 0.253 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

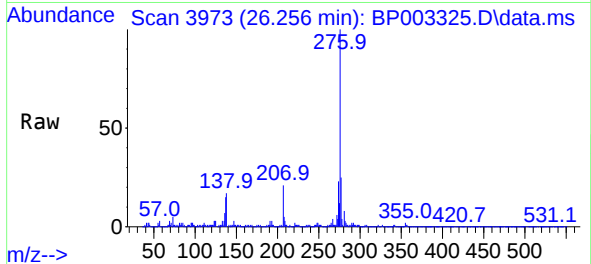
Tgt Ion:278 Resp: 108771
Ion Ratio Lower Upper
278 100
139 13.9 12.4 18.6
279 28.5 19.0 28.6





#92
Benzo(g,h,i)perylene
Concen: 7.95 ng
RT: 26.256 min Scan# 3973
Delta R.T. -0.000 min
Lab File: BP003325.D
Acq: 18 Sep 2020 17:07

Instrument :
BNA_P
ClientSampleId :
H-1



Tgt Ion:	276	Resp:	412079
Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.0	28.6
138	17.2	16.6	24.8

