

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
 Data File : BP003947.D
 Acq On : 12 Nov 2020 19:58
 Operator : CG/JU
 Sample : L4702-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 M-6(0-10)

Quant Time: Nov 13 00:16:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

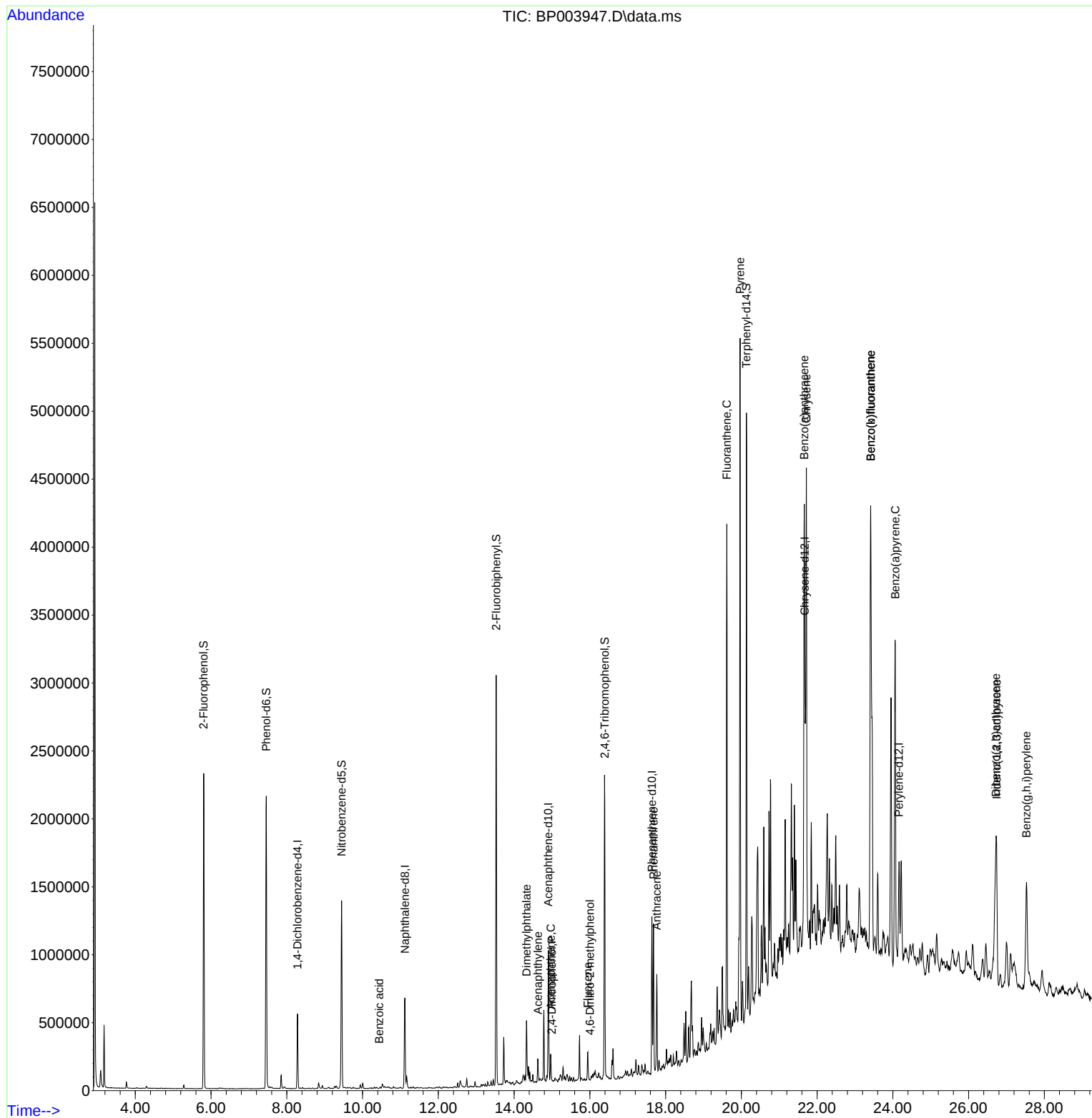
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	140247	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	537054	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	321300	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	655623	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	579228	20.00	ng	0.00
86) Perylene-d12	24.162	264	608203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	905792	107.79	ng	0.00
7) Phenol-d6	7.457	99	1164975	96.58	ng	0.00
23) Nitrobenzene-d5	9.446	82	751235	68.51	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	408318	101.61	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1525505	66.38	ng	0.00
79) Terphenyl-d14	20.133	244	1772101	59.11	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.381	77	1458	Below Cal	#	59
32) Benzoic acid	10.440	122	184	8.34	ng	# 36
49) Acenaphthylene	14.628	152	138370	4.60	ng	99
50) Dimethylphthalate	14.328	163	285902	11.38	ng	100
52) Acenaphthene	14.969	154	73499	3.67	ng	99
54) 2,4-Dinitrophenol	14.992	184	130	2.80	ng	# 1
58) Fluorene	15.945	166	95302	4.00	ng	96
65) 4,6-Dinitro-2-methylph...	16.004	198	86	6.36	ng	# 1
71) Phenanthrene	17.680	178	623059	16.93	ng	99
72) Anthracene	17.769	178	431929	12.15	ng	99
75) Fluoranthene	19.616	202	2164517	50.98	ng	99
78) Pyrene	19.969	202	3123509	79.47	ng	99
81) Benzo(a)anthracene	21.663	228	1762757	46.15	ng	98
83) Chrysene	21.716	228	2288432	62.35	ng	98
87) Indeno(1,2,3-cd)pyrene	26.739	276	1091553	24.88	ng	# 94
88) Benzo(b)fluoranthene	23.415	252	4081674	102.55	ng	99
89) Benzo(k)fluoranthene	23.415	252	4083431	103.91	ng	99
90) Benzo(a)pyrene	24.062	252	1955535	53.08	ng	98
91) Dibenzo(a,h)anthracene	26.721	278	335333	9.17	ng	93
92) Benzo(g,h,i)perylene	27.527	276	1074654	30.36	ng	96

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

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Instrument :
BNA_P
ClientSampled :
M-6(0-10)

Quant Time: Nov 13 00:16:56 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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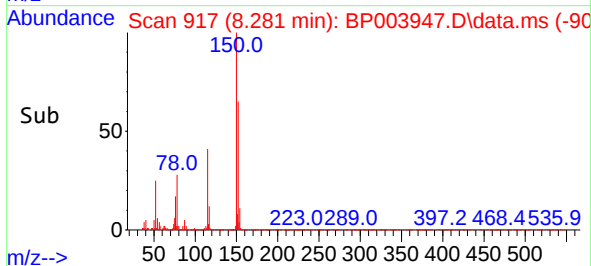
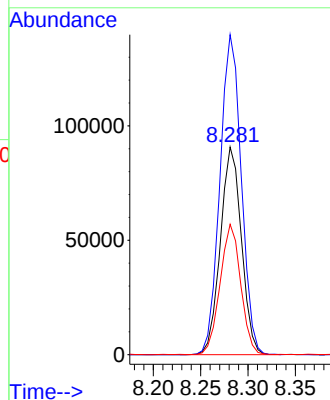
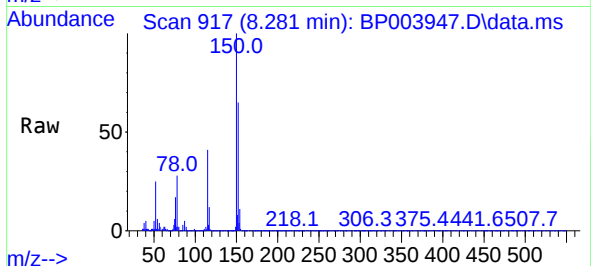




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

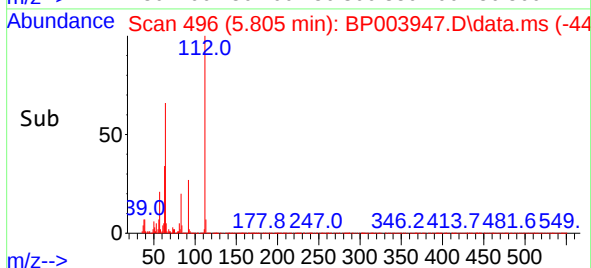
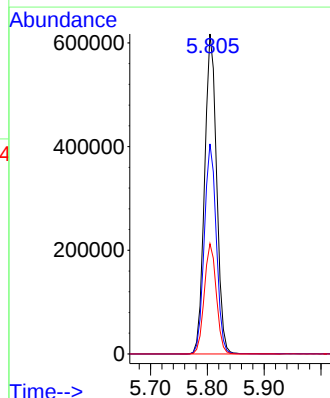
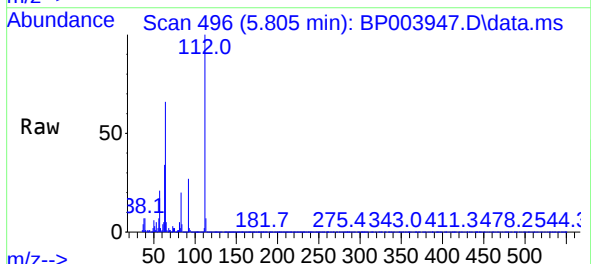
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

Tgt Ion:152 Resp: 140247
Ion Ratio Lower Upper
152 100
150 154.1 123.8 185.6
115 62.8 43.8 65.6



#5
2-Fluorophenol
Concen: 107.79 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:112 Resp: 905792
Ion Ratio Lower Upper
112 100
64 65.7 32.8 49.2#
63 34.5 17.0 25.4#

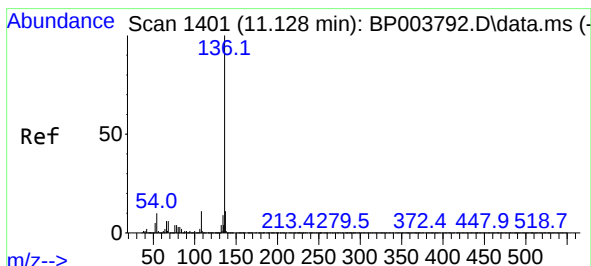
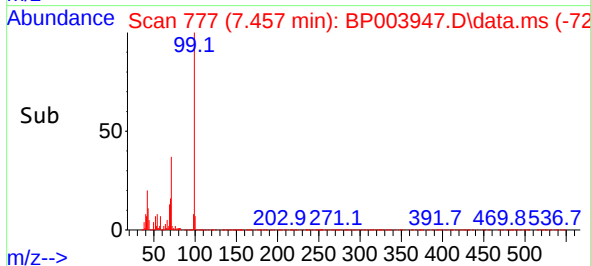
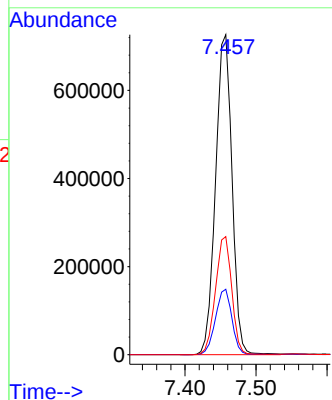
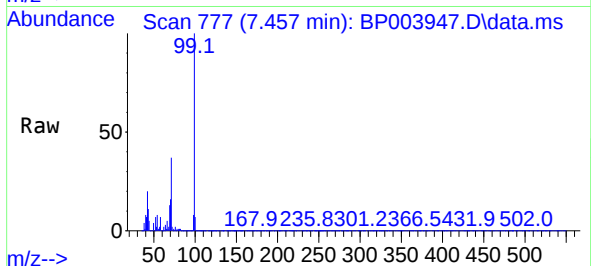




#7
Phenol-d6
Concen: 96.58 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

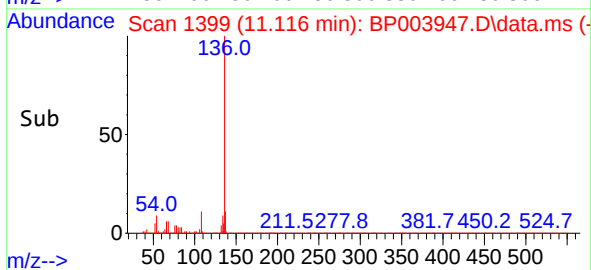
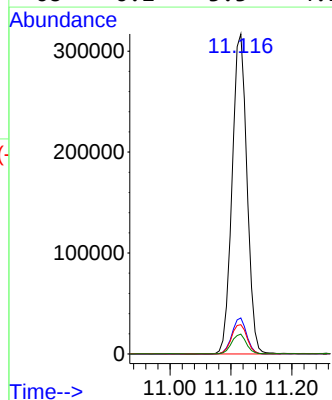
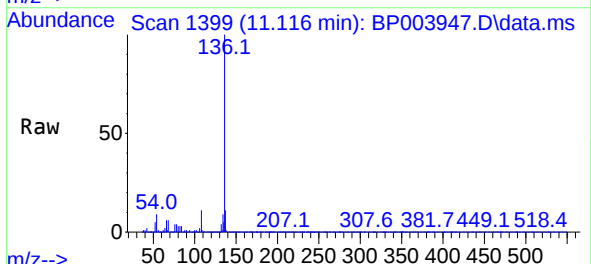
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

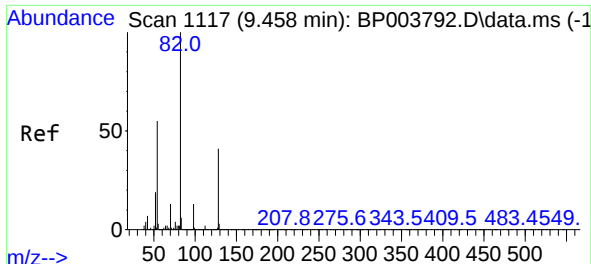
Tgt Ion: 99 Resp: 1164975
Ion Ratio Lower Upper
99 100
42 20.5 8.6 13.0#
71 36.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion: 136 Resp: 537054
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 3.6 5.4#
68 6.2 3.3 4.9#

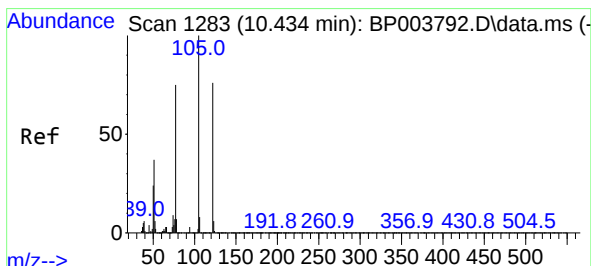
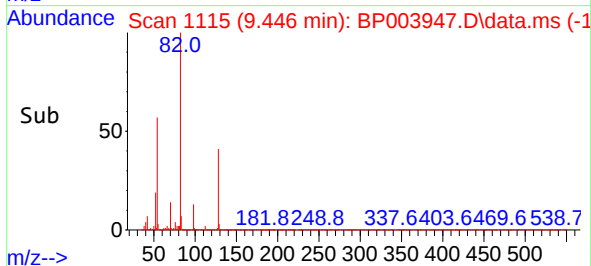
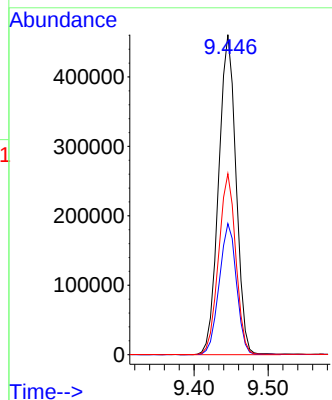
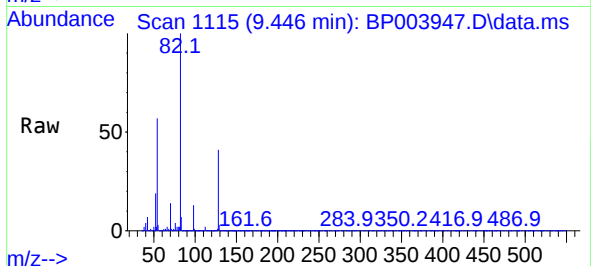




#23
Nitrobenzene-d5
Concen: 68.51 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

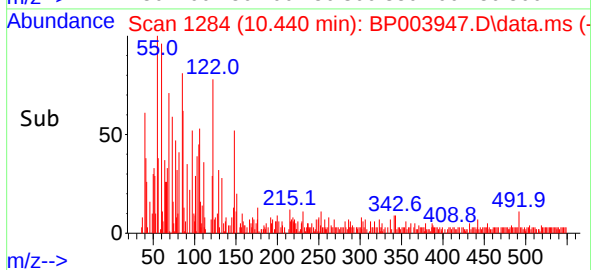
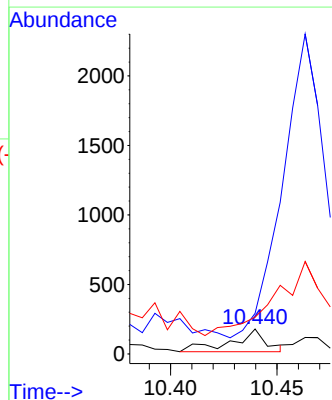
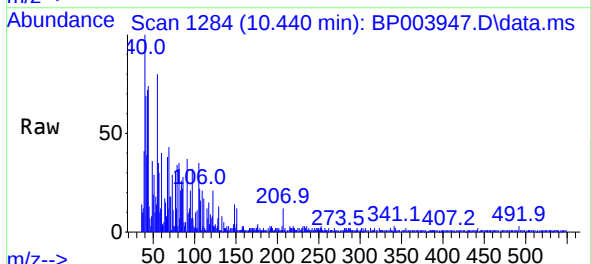
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

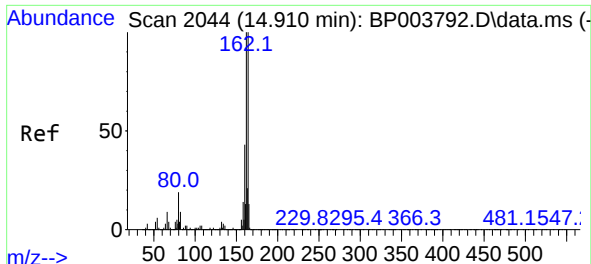
Tgt Ion: 82 Resp: 751235
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 56.5 30.1 45.1#



#32
Benzoic acid
Concen: 8.34 ng
RT: 10.440 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion: 122 Resp: 184
Ion Ratio Lower Upper
122 100
105 162.8 94.1 134.1#
77 147.2 50.1 90.1#

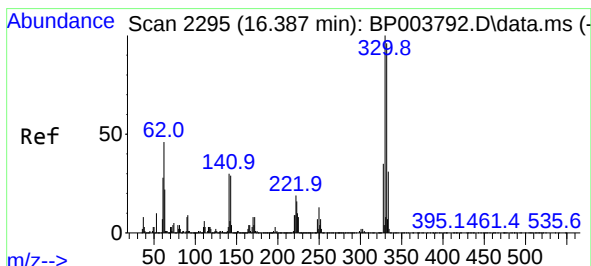
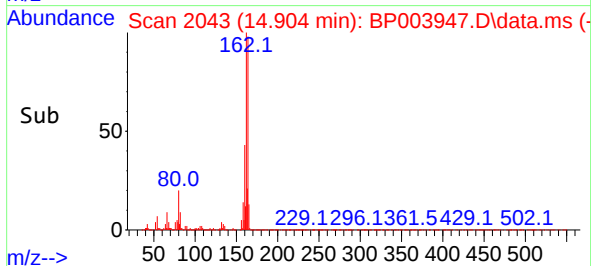
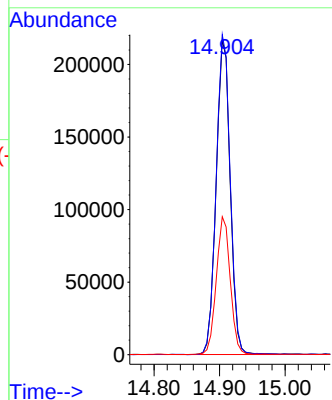
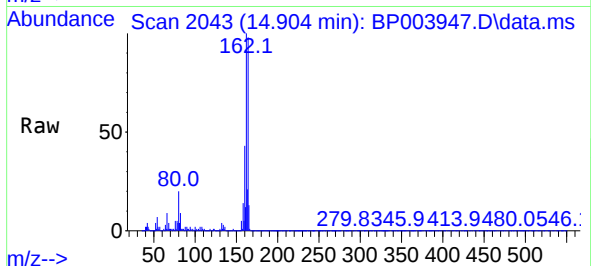




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

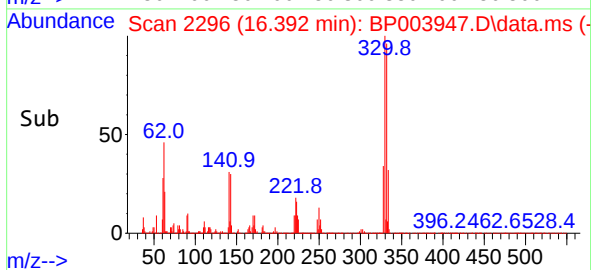
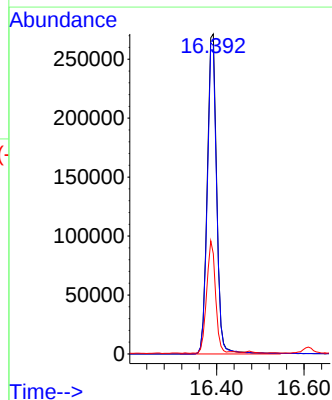
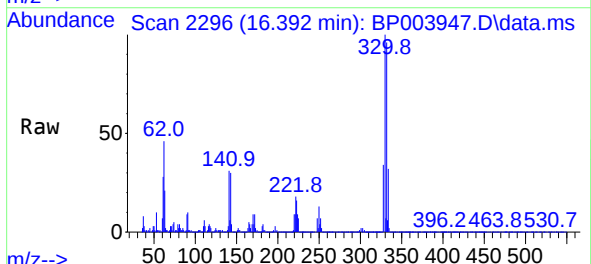
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

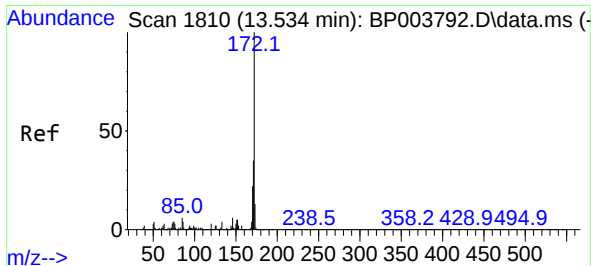
Tgt Ion:164 Resp: 321300
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 43.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 101.61 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:330 Resp: 408318
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.2 23.4 35.2

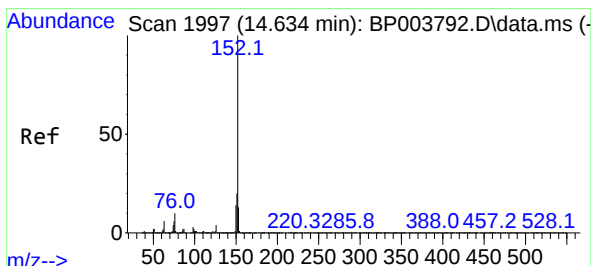
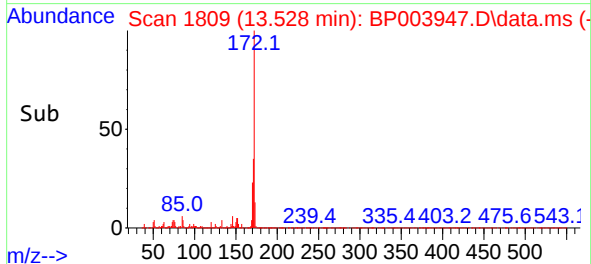
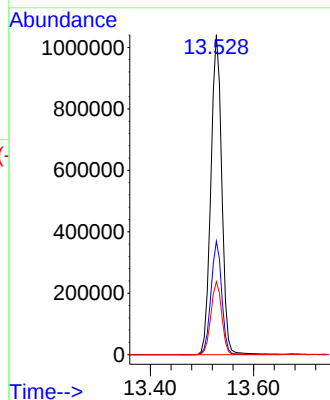
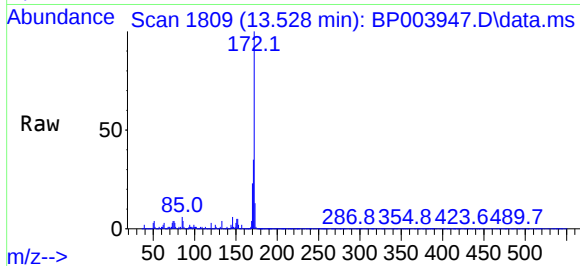




#45
2-Fluorobiphenyl
Concen: 66.38 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

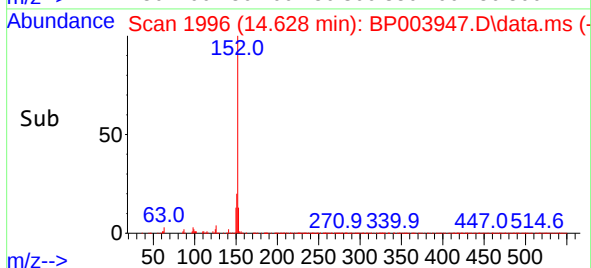
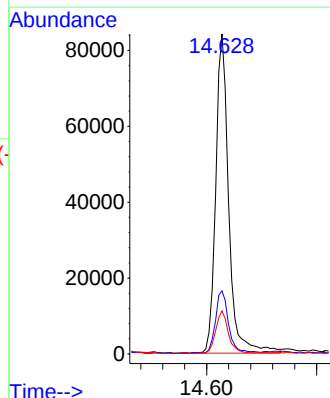
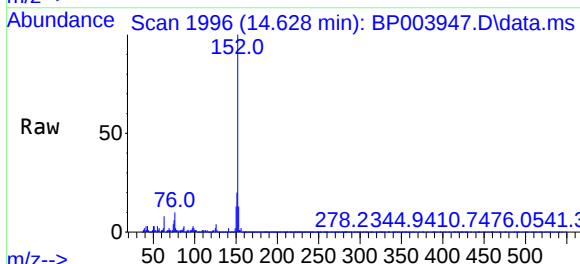
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ClientSampleId :
M-6(0-10)

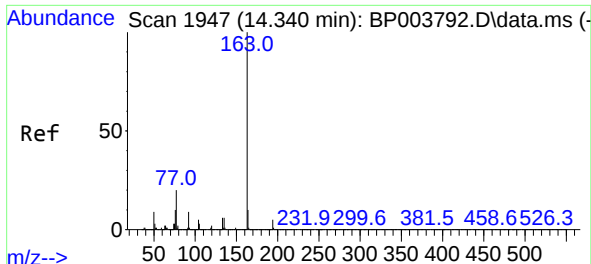
Tgt Ion:172 Resp: 1525505
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 22.8 19.2 28.8



#49
Acenaphthylene
Concen: 4.60 ng
RT: 14.628 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:152 Resp: 138370
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 10.5 15.7

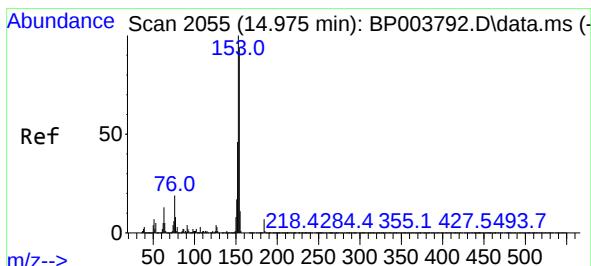
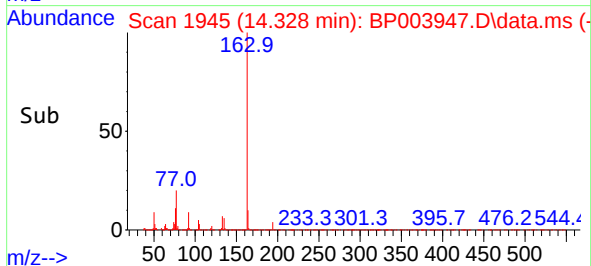
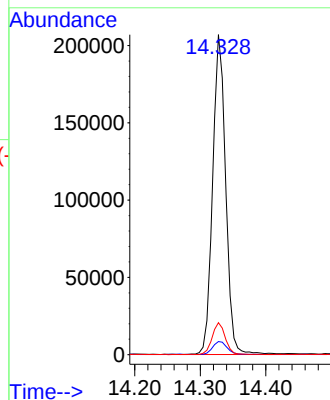
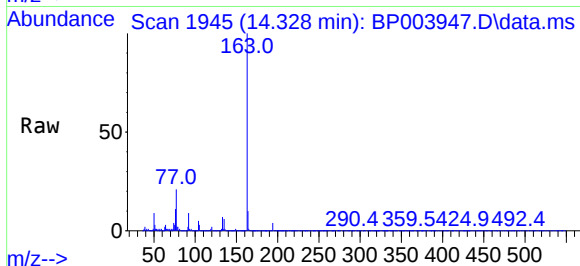




#50
Dimethylphthalate
Concen: 11.38 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

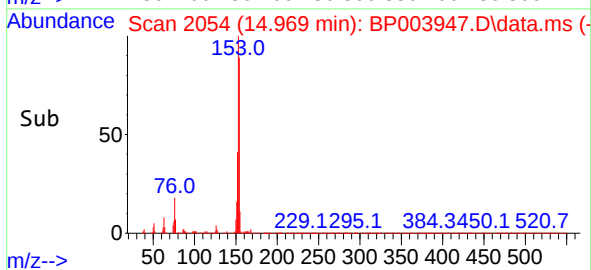
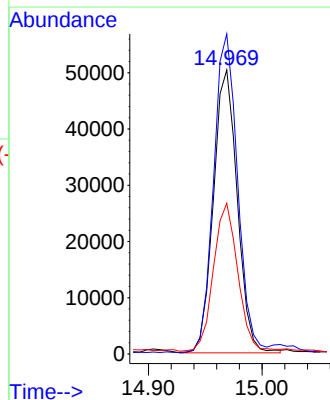
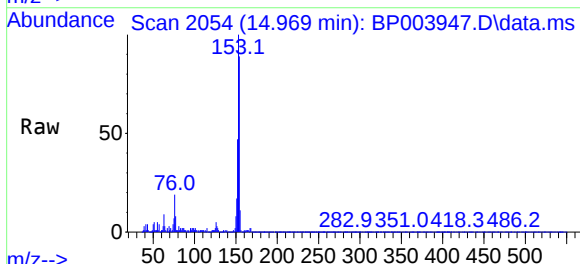
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M-6(0-10)

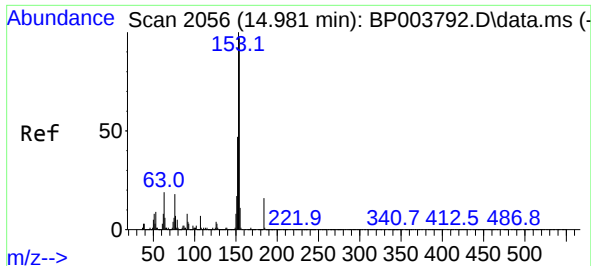
Tgt Ion:163 Resp: 285902
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.2



#52
Acenaphthene
Concen: 3.67 ng
RT: 14.969 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:154 Resp: 73499
Ion Ratio Lower Upper
154 100
153 112.7 91.0 136.6
152 53.1 43.0 64.6

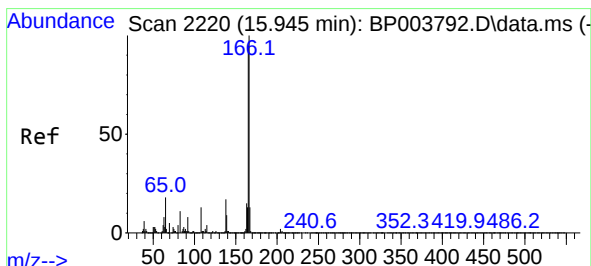
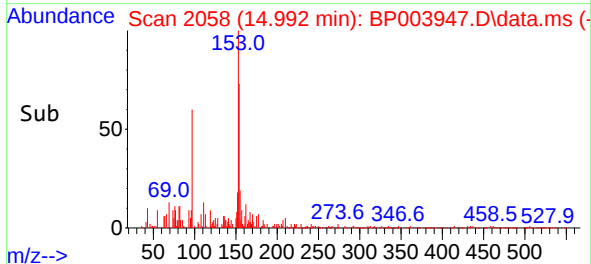
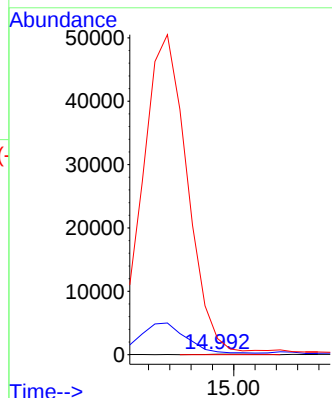
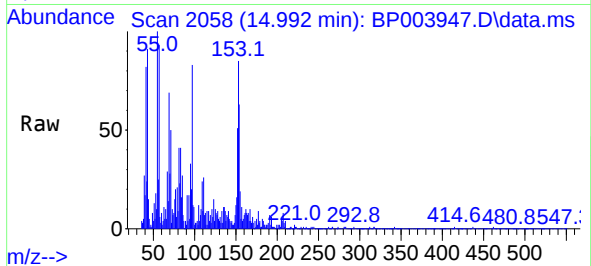




#54
2,4-Dinitrophenol
Concen: 2.80 ng
RT: 14.992 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

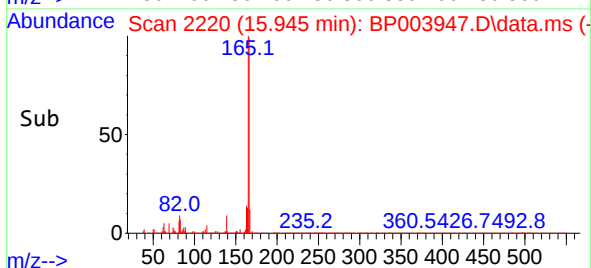
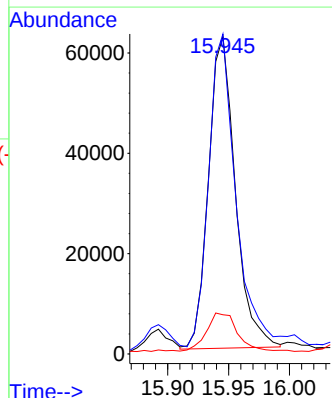
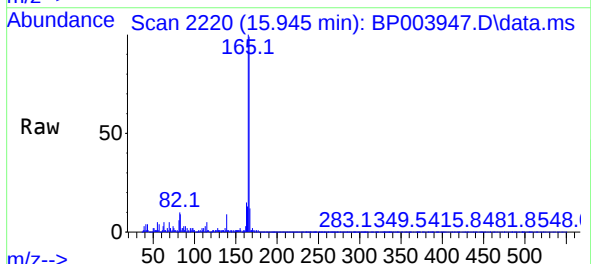
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

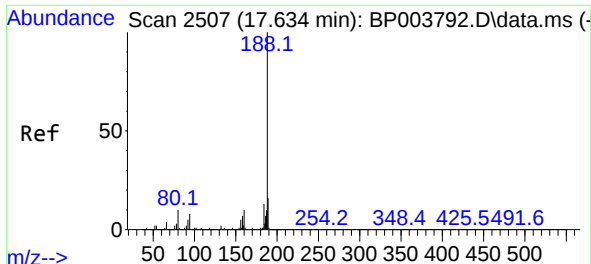
Tgt Ion:184 Resp: 130
Ion Ratio Lower Upper
184 100
63 619.2 32.3 48.5#
154 3478.1 49.1 73.7#



#58
Fluorene
Concen: 4.00 ng
RT: 15.945 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:166 Resp: 95302
Ion Ratio Lower Upper
166 100
165 100.8 77.8 116.8
167 12.4 11.0 16.4

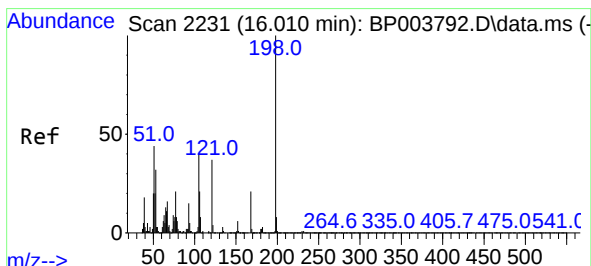
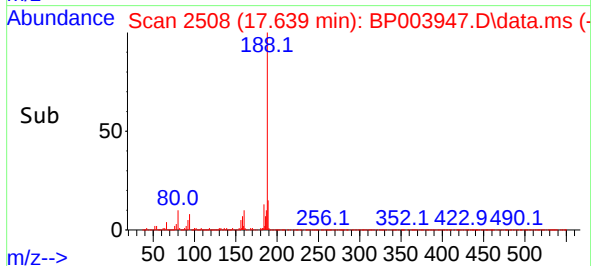
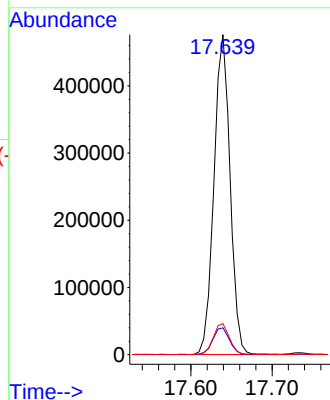
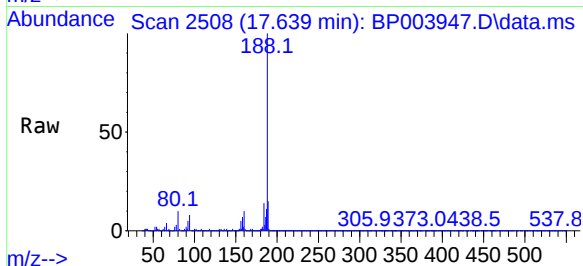




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

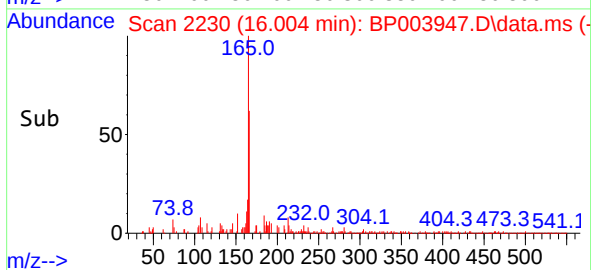
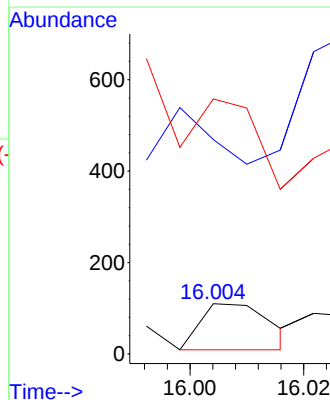
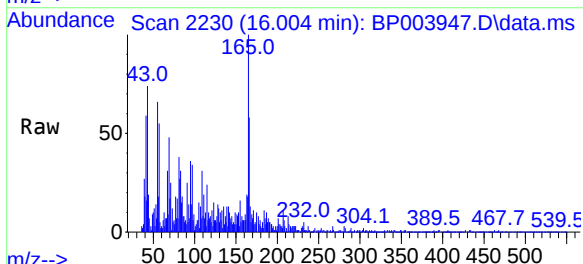
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

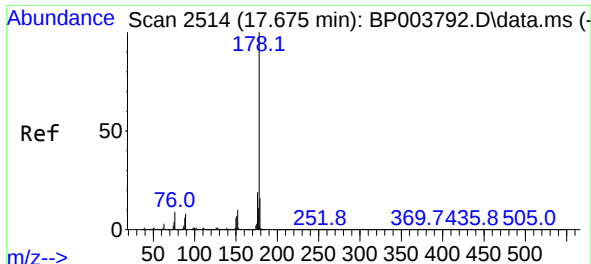
Tgt Ion:	188	Resp:	655623
Ion Ratio	Lower	Upper	
188	100		
94	8.4	6.2	9.2
80	9.7	6.2	9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.004 min Scan# 2230
Delta R.T. -0.018 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:	198	Resp:	86
Ion Ratio	Lower	Upper	
198	100		
51	426.4	6.4	46.4#
105	507.3	18.9	58.9#

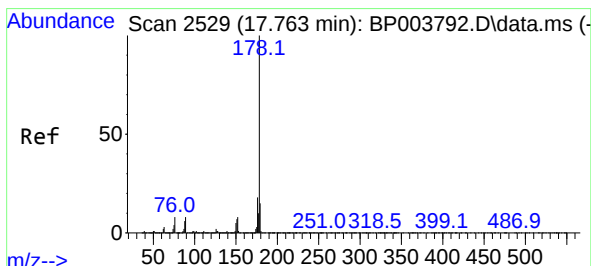
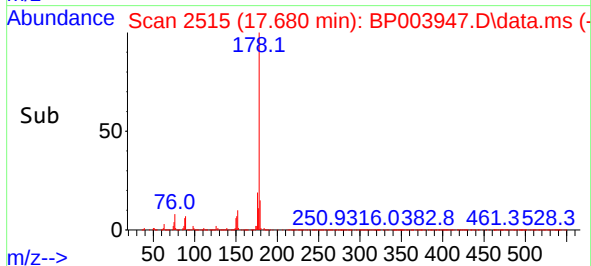
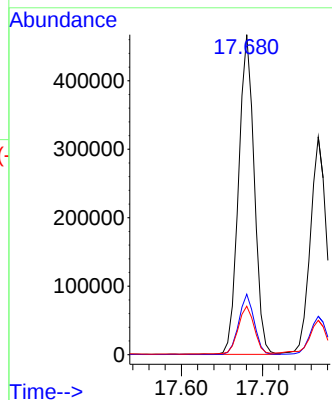
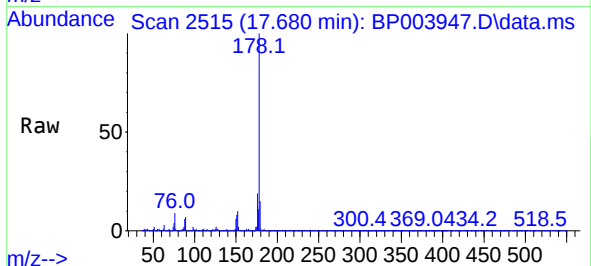




#71
Phenanthrene
Concen: 16.93 ng
RT: 17.680 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

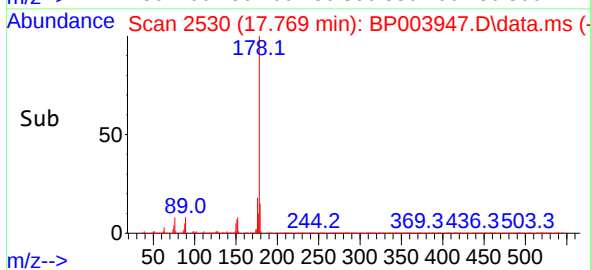
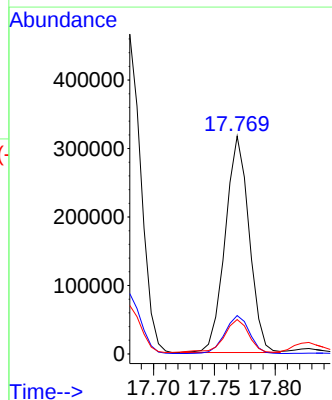
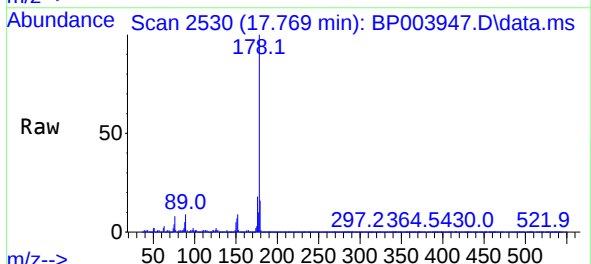
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

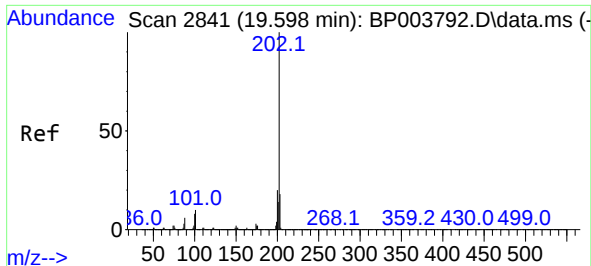
Tgt Ion:178 Resp: 623059
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.5 18.7



#72
Anthracene
Concen: 12.15 ng
RT: 17.769 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:178 Resp: 431929
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.4
179 15.8 12.5 18.7

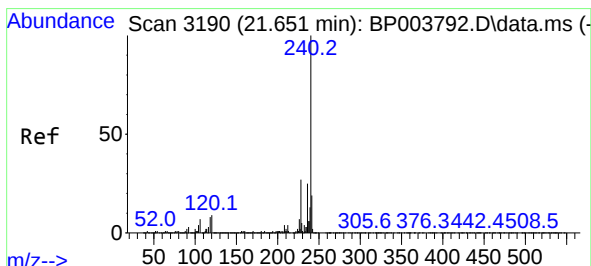
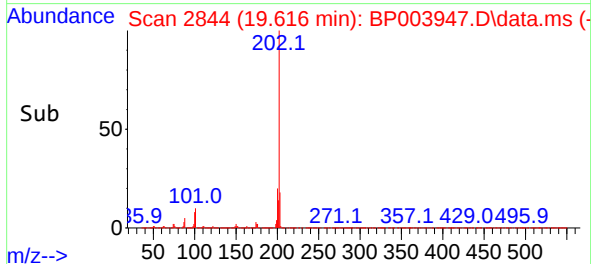
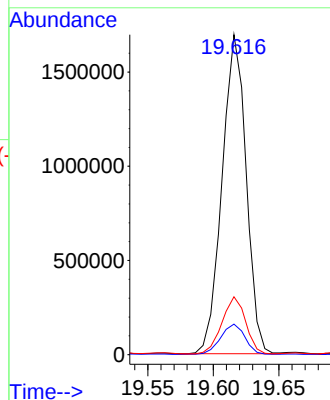
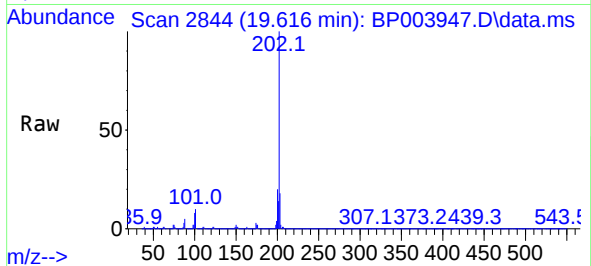




#75
Fluoranthene
Concen: 50.98 ng
RT: 19.616 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

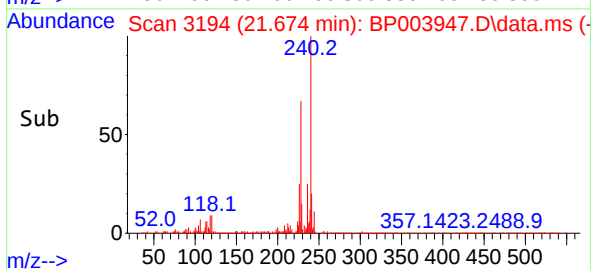
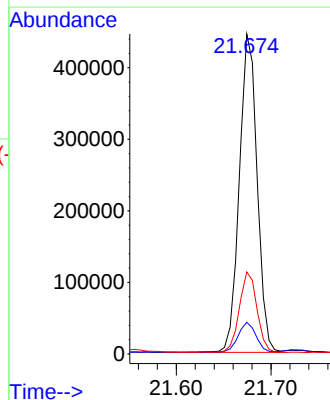
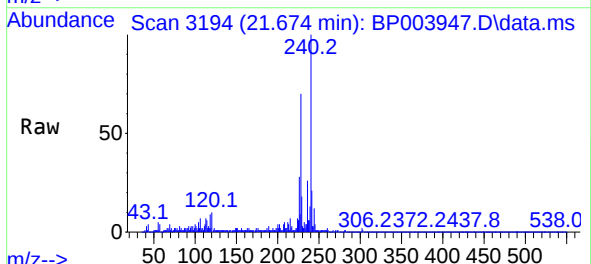
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

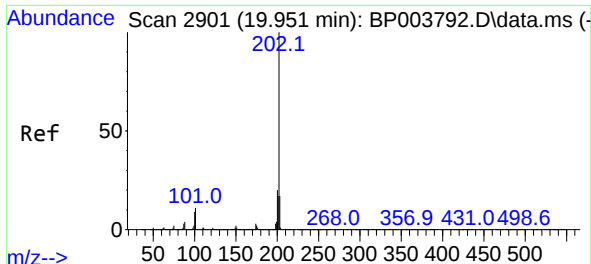
Tgt Ion:202 Resp: 2164517
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.4
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:240 Resp: 579228
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 25.7 20.8 31.2

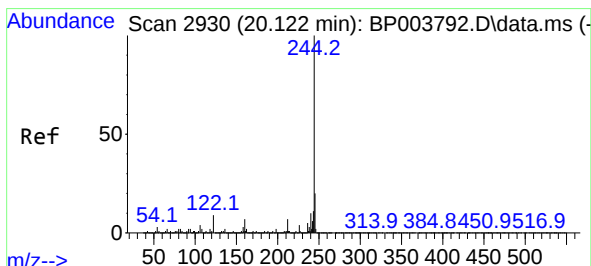
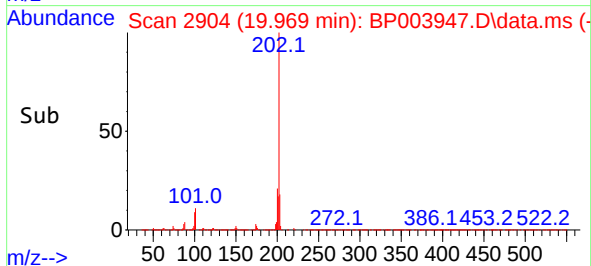
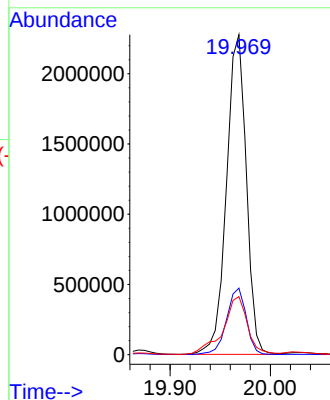
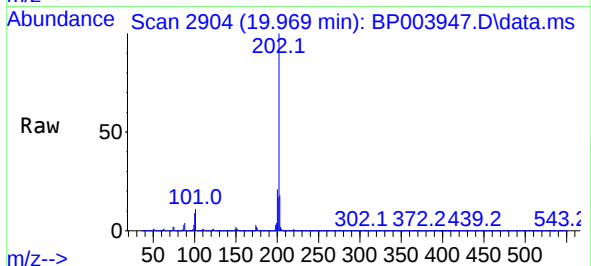




#78
Pyrene
Concen: 79.47 ng
RT: 19.969 min Scan# 2904
Delta R.T. 0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

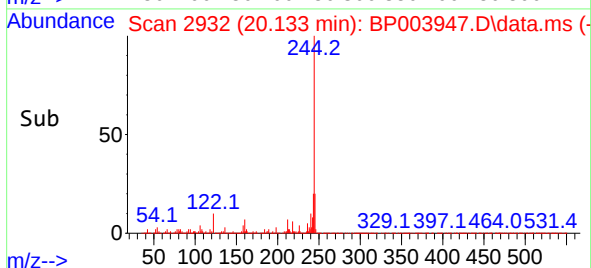
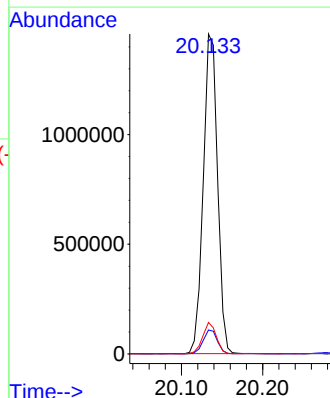
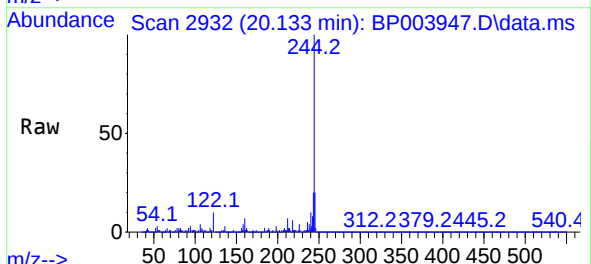
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

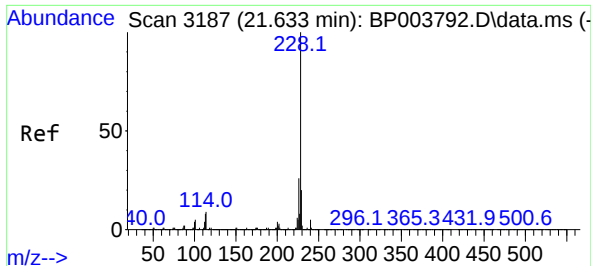
Tgt Ion:202 Resp: 3123509
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 18.1 14.2 21.2



#79
Terphenyl-d14
Concen: 59.11 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:244 Resp: 1772101
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.9 7.8 11.8

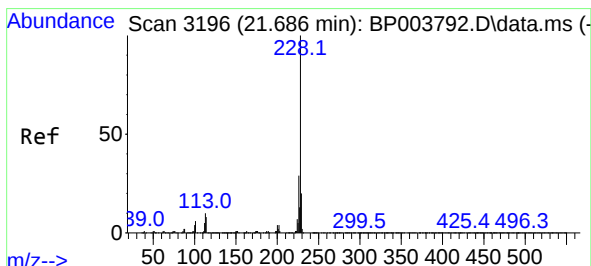
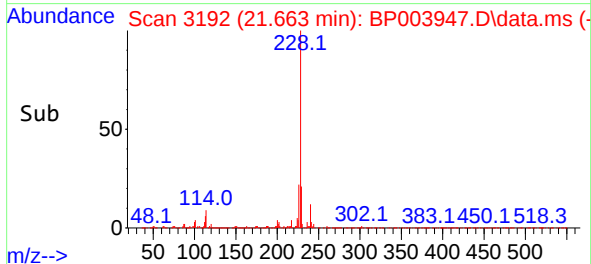
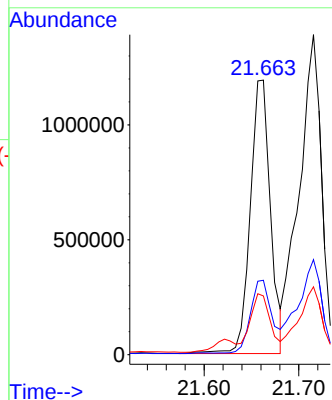
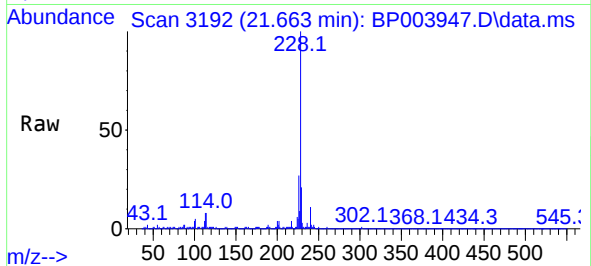




#81
Benzo(a)anthracene
Concen: 46.15 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

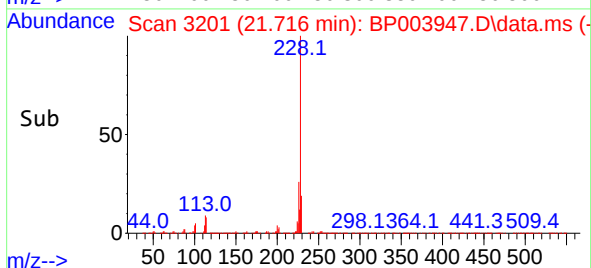
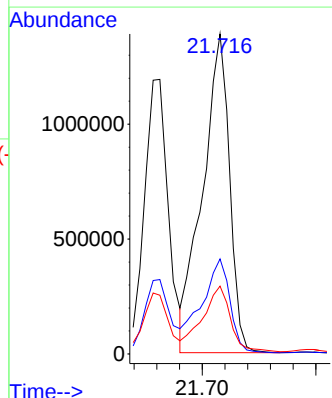
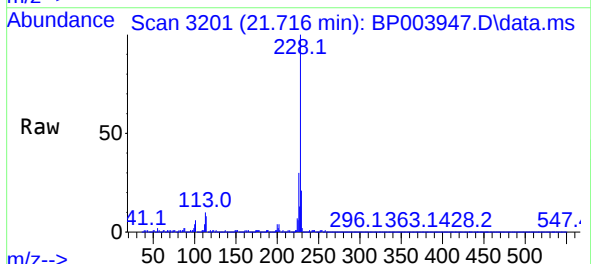
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

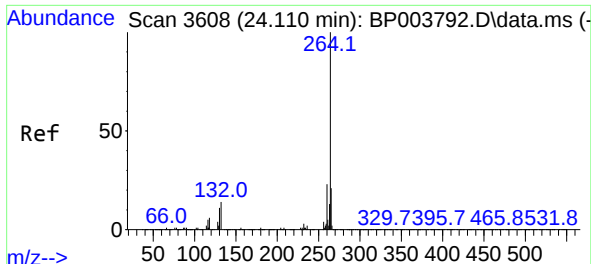
Tgt Ion:228 Resp: 1762757
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 21.4 15.9 23.9



#83
Chrysene
Concen: 62.35 ng
RT: 21.716 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:228 Resp: 2288432
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 21.2 15.8 23.6

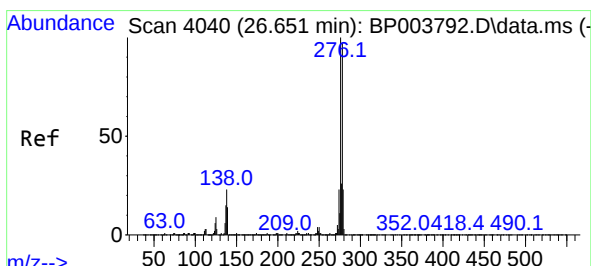
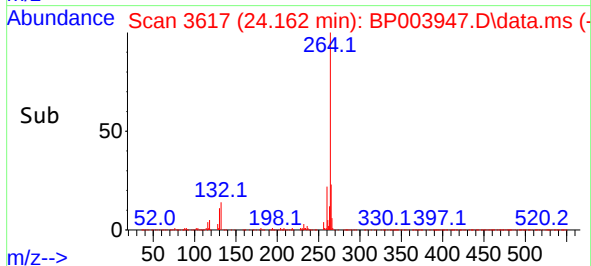
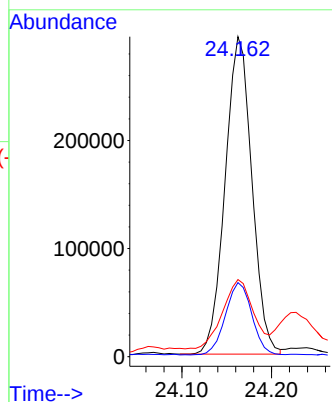
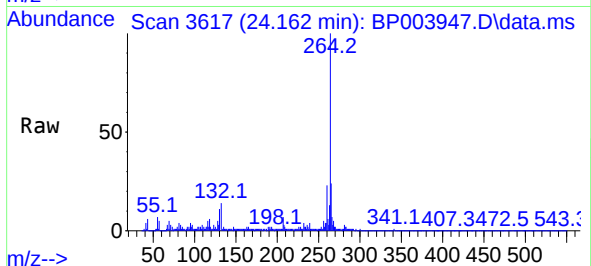




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.162 min Scan# 3617
Delta R.T. 0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

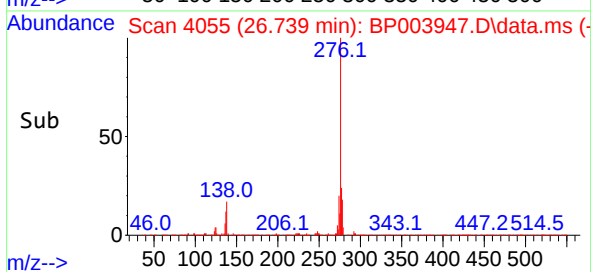
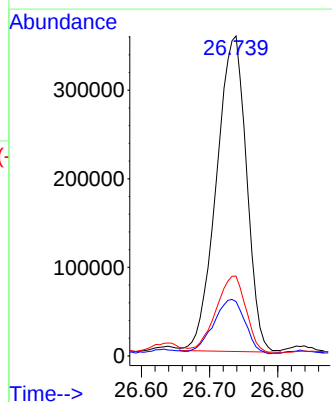
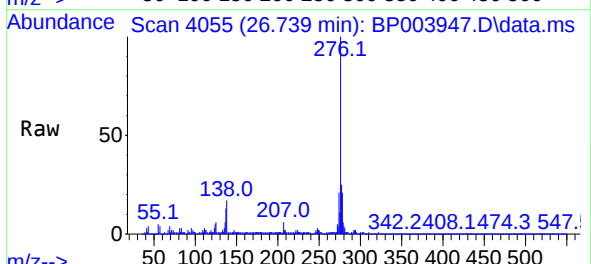
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

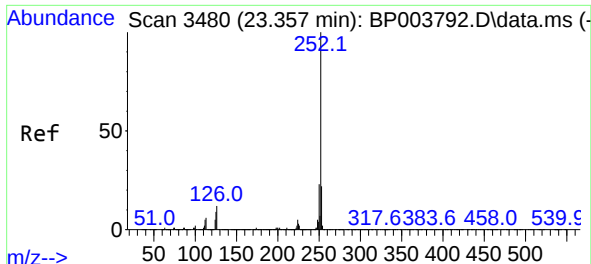
Tgt Ion:264 Resp: 608203
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 24.1 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 24.88 ng
RT: 26.739 min Scan# 4055
Delta R.T. 0.012 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:276 Resp: 1091553
Ion Ratio Lower Upper
276 100
138 18.1 18.7 28.1#
277 25.1 20.4 30.6

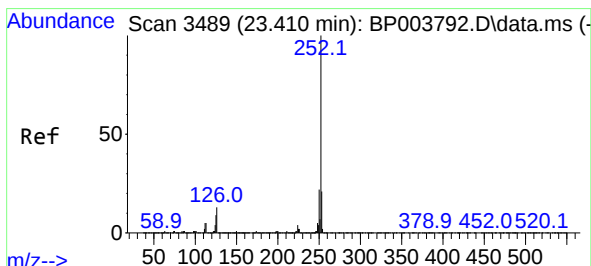
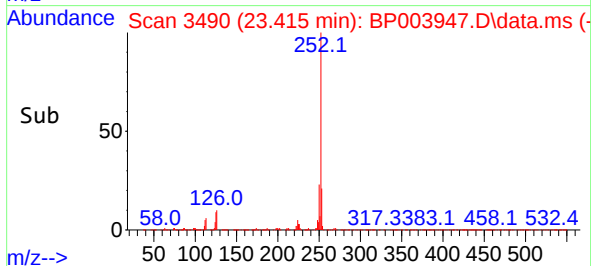
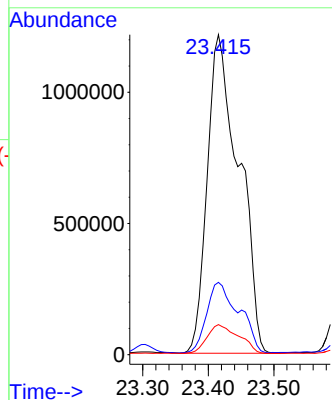
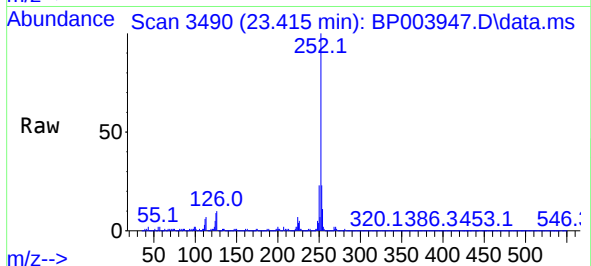




#88
Benzo(b)fluoranthene
Concen: 102.55 ng
RT: 23.415 min Scan# 3490
Delta R.T. 0.012 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

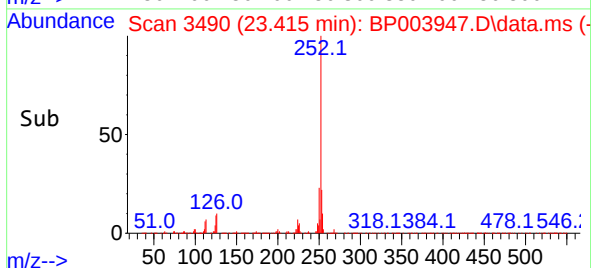
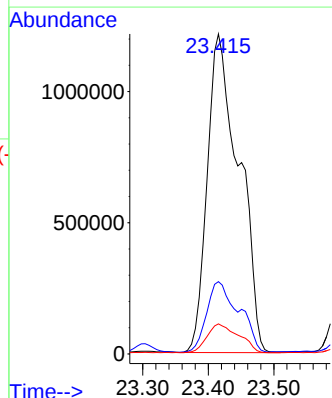
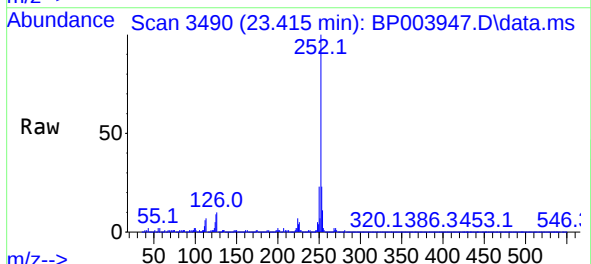
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

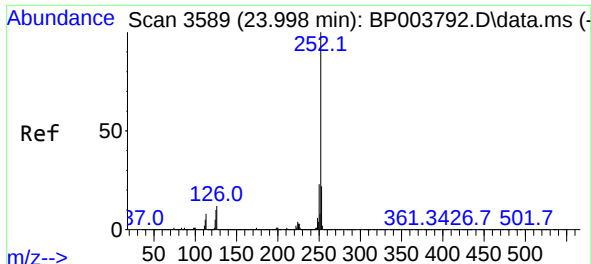
Tgt Ion:252 Resp: 4081674
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 9.4 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 103.91 ng
RT: 23.415 min Scan# 3490
Delta R.T. -0.035 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:252 Resp: 4083431
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.4 7.4 11.2



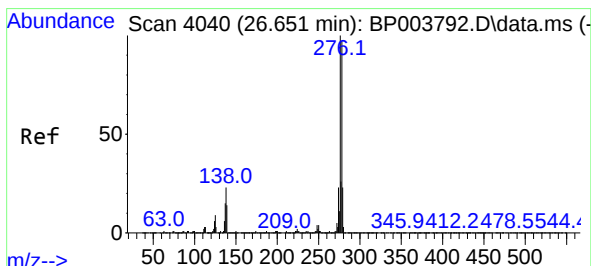
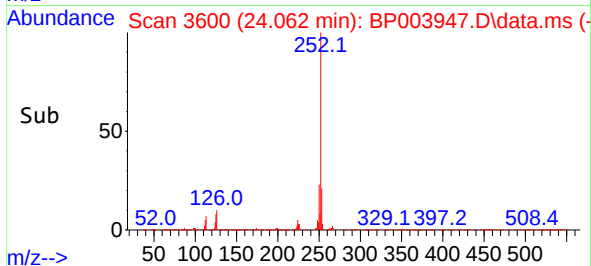
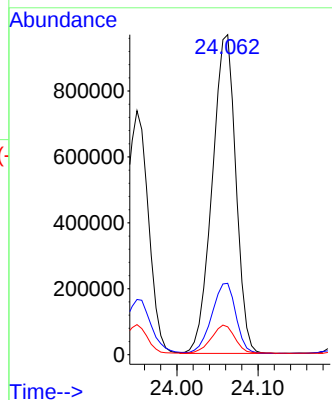
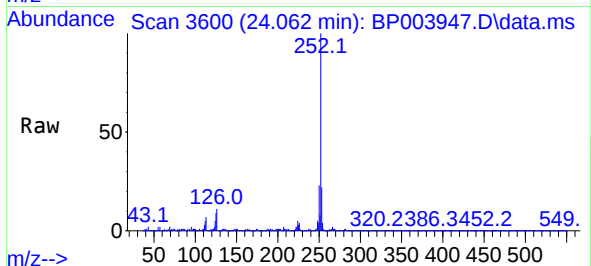


#90
Benzo(a)pyrene
Concen: 53.08 ng
RT: 24.062 min Scan# 3600
Delta R.T. 0.012 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Instrument :
BNA_P
ClientSampleId :
M-6(0-10)

Tgt Ion:252 Resp: 1955535

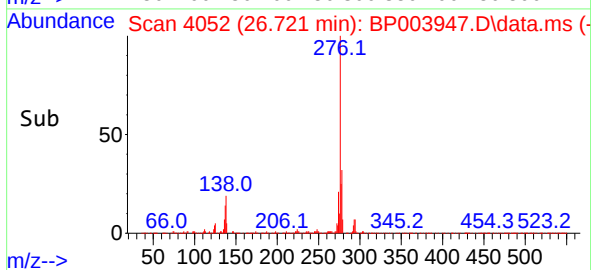
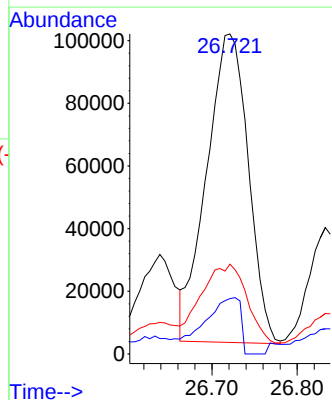
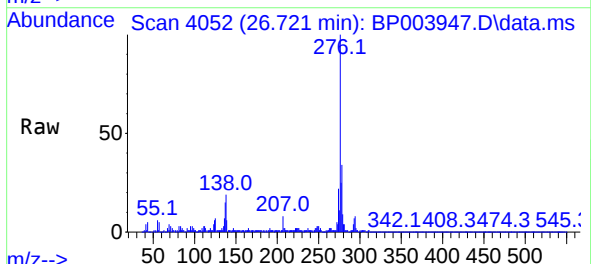
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.7	8.2	12.4

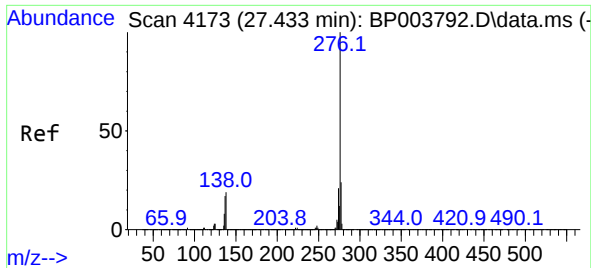


#91
Dibenzo(a,h)anthracene
Concen: 9.17 ng
RT: 26.721 min Scan# 4052
Delta R.T. -0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Tgt Ion:278 Resp: 335333

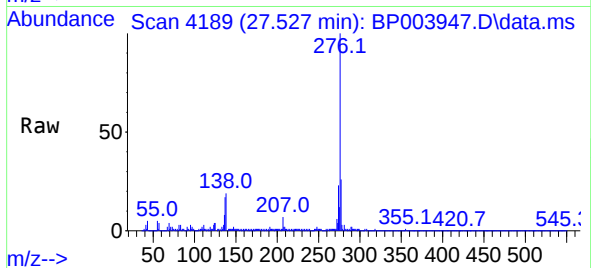
Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.4	18.6
279	28.1	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 30.36 ng
RT: 27.527 min Scan# 4189
Delta R.T. 0.006 min
Lab File: BP003947.D
Acq: 12 Nov 2020 19:58

Instrument :
BNA_P
ClientSampleId :
M-6(0-10)



Tgt Ion:276 Resp: 1074654
Ion Ratio Lower Upper
276 100
277 25.7 19.0 28.6
138 18.6 16.6 24.8

